

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059507.D
 Acq On : 6 Dec 2019 11:56
 Operator : JC/SP
 Sample : VN1206WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 22:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	216710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	372187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	361962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	170935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	161994	60.17	ug/l	0.00
Spiked Amount			Recovery	=	120.34%	
35) Dibromofluoromethane	7.57	113	113832	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
50) Toluene-d8	10.08	98	492672	53.90	ug/l	0.00
Spiked Amount			Recovery	=	107.80%	
62) 4-Bromofluorobenzene	12.40	95	175696	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	57506	23.846	ug/l	100
3) Chloromethane	2.04	50	57410	17.762	ug/l	98
4) Vinyl Chloride	2.17	62	57281	29.533	ug/l	98
5) Bromomethane	2.55	94	37506	31.821	ug/l	99
6) Chloroethane	2.68	64	36247	31.655	ug/l	99
7) Trichlorofluoromethane	3.00	101	79790	34.063	ug/l	96
8) Diethyl Ether	3.38	74	29912	19.599	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	49014	21.316	ug/l	94
10) Methyl Iodide	3.92	142	58840	20.209	ug/l	95
11) Tert butyl alcohol	4.76	59	50868	100.272	ug/l	98
12) 1,1-Dichloroethene	3.71	96	45182	20.101	ug/l	93
13) Acrolein	3.58	56	41860	95.078	ug/l	100
14) Allyl chloride	4.29	41	90451	20.431	ug/l #	89
15) Acrylonitrile	4.95	53	137223	99.985	ug/l	98
16) Acetone	3.79	43	156099	100.724	ug/l	97
17) Carbon Disulfide	4.02	76	149076	19.438	ug/l	99
18) Methyl Acetate	4.29	43	75237	20.760	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	162496	21.211	ug/l	99
20) Methylene Chloride	4.52	84	55174	21.065	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	51543	20.494	ug/l	99
22) Diisopropyl ether	5.92	45	179777	21.817	ug/l	93
23) Vinyl Acetate	5.86	43	756422	114.401	ug/l	98
24) 1,1-Dichloroethane	5.82	63	104539	22.333	ug/l	99
25) 2-Butanone	6.81	43	209333	102.302	ug/l	98
26) 2,2-Dichloropropane	6.80	77	94946	23.451	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	59237	21.207	ug/l	95
28) Bromochloromethane	7.17	49	42408	23.583	ug/l	93
29) Tetrahydrofuran	7.18	42	130039	101.068	ug/l	99
30) Chloroform	7.35	83	102896	22.766	ug/l	99
31) Cyclohexane	7.63	56	87983	19.398	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	85605	21.792	ug/l	97
36) 1,1-Dichloropropene	7.77	75	73867	19.072	ug/l	98
37) Ethyl Acetate	6.90	43	83724	19.353	ug/l	98
38) Carbon Tetrachloride	7.75	117	74358	19.961	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	88319	18.949	ug/l	97
40) Benzene	8.02	78	219158	19.323	ug/l	99
41) Methacrylonitrile	7.15	41	33254	18.966	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	84925	22.043	ug/l	98
43) Isopropyl Acetate	8.14	43	129991	20.202	ug/l #	90
44) Trichloroethene	8.82	130	54325	18.329	ug/l	97
45) 1,2-Dichloropropane	9.10	63	62544	20.641	ug/l	100
46) Dibromomethane	9.19	93	41277	21.880	ug/l	93
47) Bromodichloromethane	9.39	83	84558	22.354	ug/l	100
48) Methyl methacrylate	9.18	41	60352	20.790	ug/l	91
49) 1,4-Dioxane	9.19	88	17975	409.203	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	423406	110.855	ug/l	95
52) Toluene	10.15	92	145680	21.238	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	94891	21.319	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	102600	21.747	ug/l #	90
55) 1,1,2-Trichloroethane	10.55	97	59281	21.923	ug/l	98
56) Ethyl methacrylate	10.42	69	78727	18.913	ug/l #	85
57) 1,3-Dichloropropane	10.70	76	101956	21.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	129611	97.127	ug/l	99
59) 2-Hexanone	10.74	43	308669	107.385	ug/l	95
60) Dibromochloromethane	10.90	129	62557	21.667	ug/l	100
61) 1,2-Dibromoethane	11.00	107	60421	21.625	ug/l	98
64) Tetrachloroethene	10.62	164	57868	18.795	ug/l	98
65) Chlorobenzene	11.43	112	155093	19.600	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	59702	20.998	ug/l	99
67) Ethyl Benzene	11.51	91	276412	19.938	ug/l	100
68) m/p-Xylenes	11.62	106	207209	40.139	ug/l	98
69) o-Xylene	11.95	106	97259	19.790	ug/l	98
70) Styrene	11.96	104	152296	19.412	ug/l	98
71) Bromoform	12.12	173	43437	19.599	ug/l #	99
73) Isopropylbenzene	12.25	105	263411	19.215	ug/l	100
74) N-amyl acetate	12.07	43	104351	18.899	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	88505	20.127	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	120754	28.412	ug/l #	100
77) Bromobenzene	12.53	156	63920	18.659	ug/l	96
78) n-propylbenzene	12.59	91	320807	20.110	ug/l	99
79) 2-Chlorotoluene	12.67	91	188500	19.601	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	227498	19.858	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	29542	18.241	ug/l	90
82) 4-Chlorotoluene	12.77	91	196447	19.799	ug/l	99
83) tert-Butylbenzene	12.99	119	190650	19.169	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	224976	20.095	ug/l	99
85) sec-Butylbenzene	13.17	105	261526	19.840	ug/l	100
86) p-Isopropyltoluene	13.29	119	231017	19.557	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	115492	19.122	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	114077	18.728	ug/l	99
89) n-Butylbenzene	13.62	91	201418	19.032	ug/l	98
90) Hexachloroethane	13.88	117	45068	19.782	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	111463	19.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18613	20.448	ug/l	87

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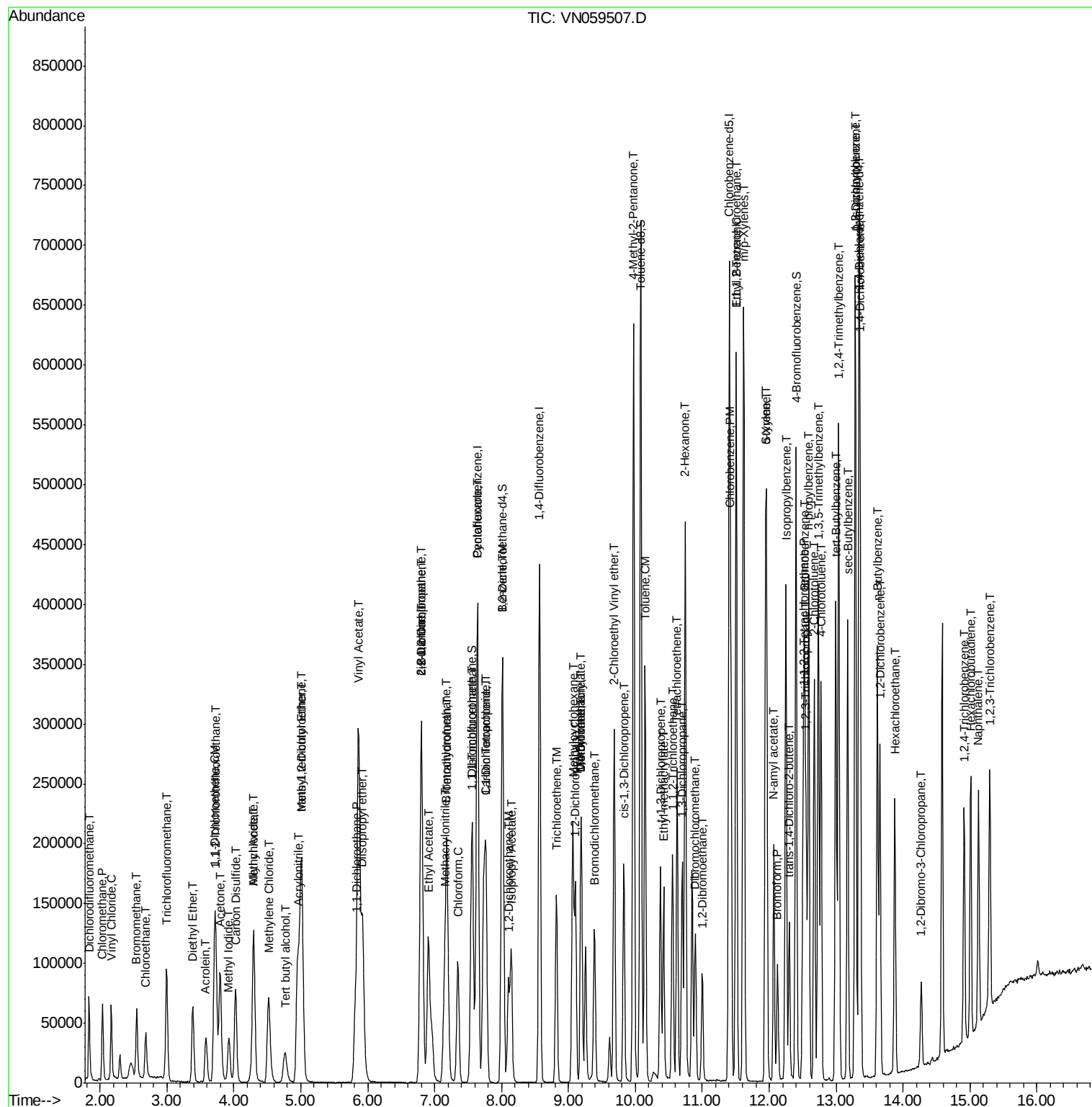
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58886	16.659	ug/l	100
94) Hexachlorobutadiene	15.01	225	38336	18.292	ug/l	99
95) Naphthalene	15.13	128	155331	17.604	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	61223	18.529	ug/l	96

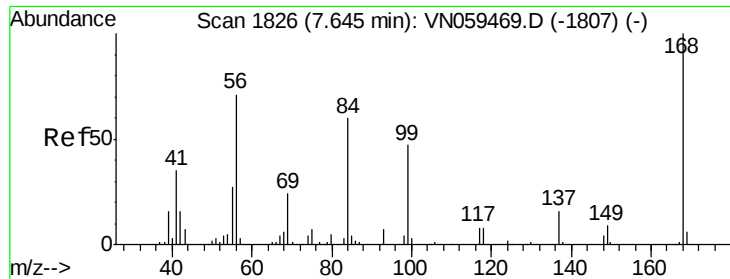
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120619\
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Misc : 5.00mL/MSVOA N/WATER
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ClientSampled :

Quant Time: Dec 06 22:17:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

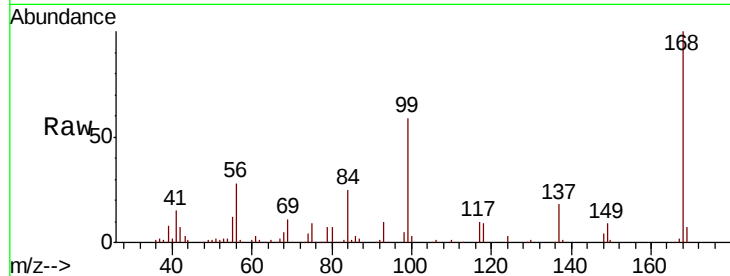
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 216710

Ion Ratio Lower Upper

168 100

99 58.5 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

40000

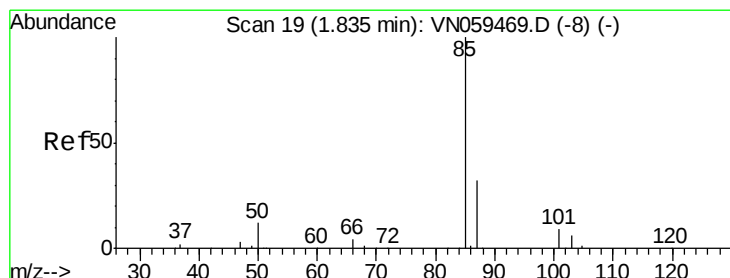
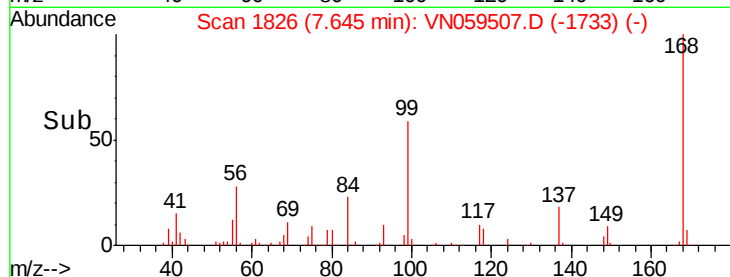
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 23.846 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059507.D

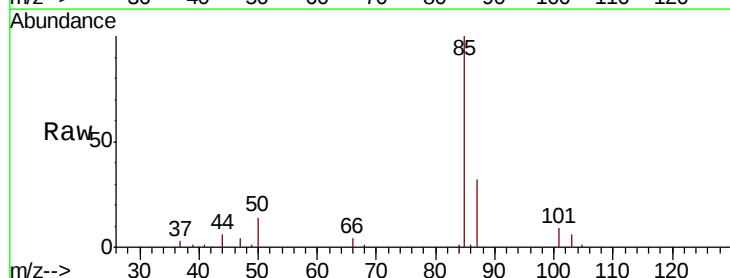
Acq: 6 Dec 2019 11:56

Tgt Ion: 85 Resp: 57506

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

20000

10000

0

1.75

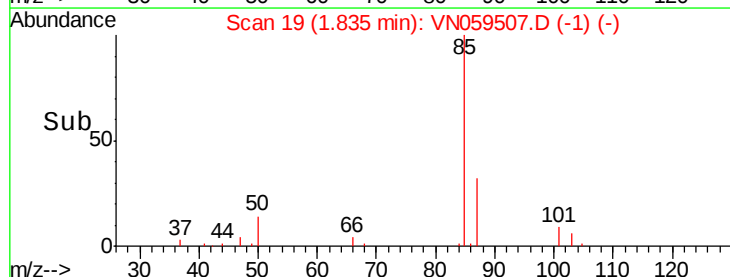
1.80

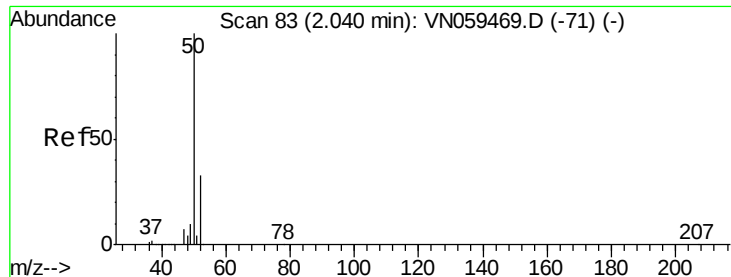
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 17.762 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

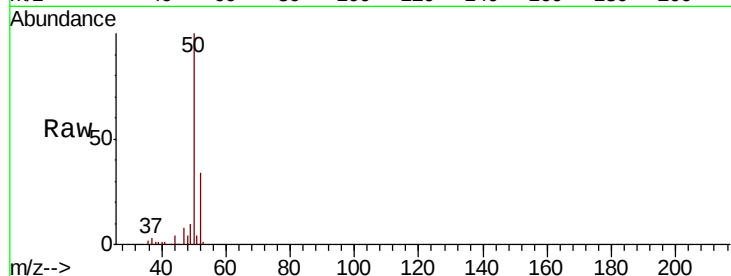
ClientSampleId :

Tot Ion: 50 Resp: 57410

Ion Ratio Lower Upper

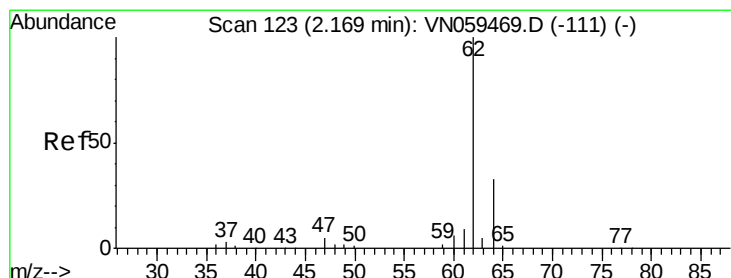
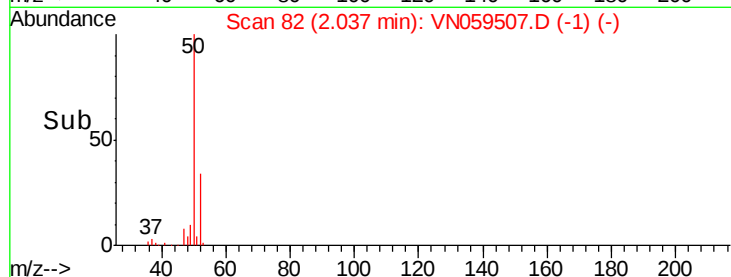
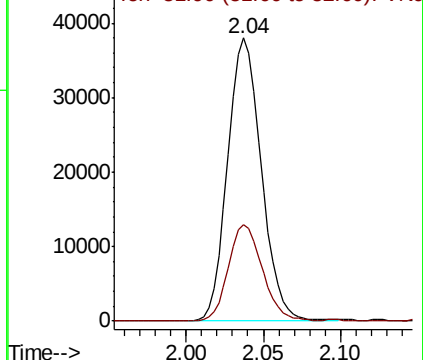
50 100

52 34.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 29.533 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059507.D

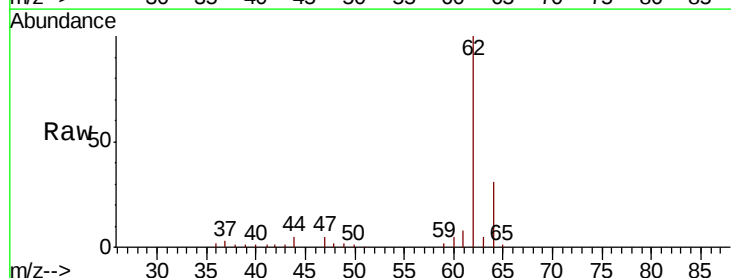
Acq: 6 Dec 2019 11:56

Tgt Ion: 62 Resp: 57281

Ion Ratio Lower Upper

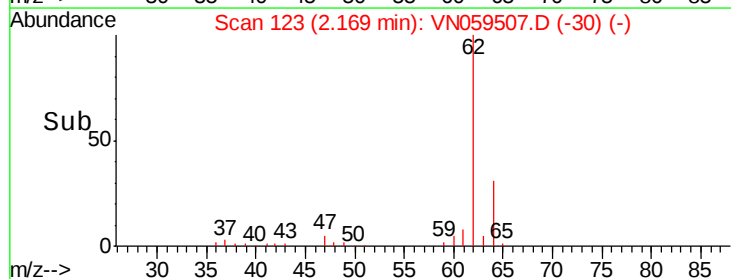
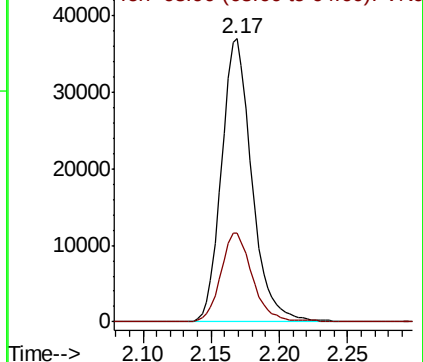
62 100

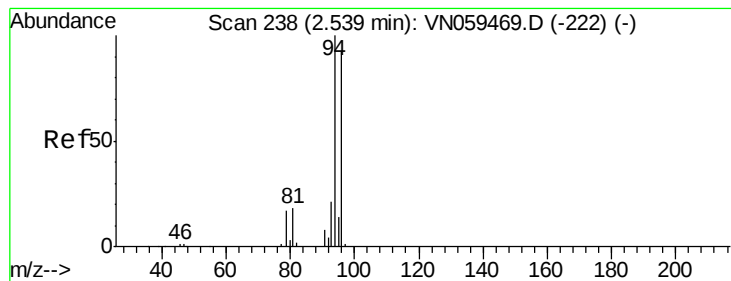
64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 31.821 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

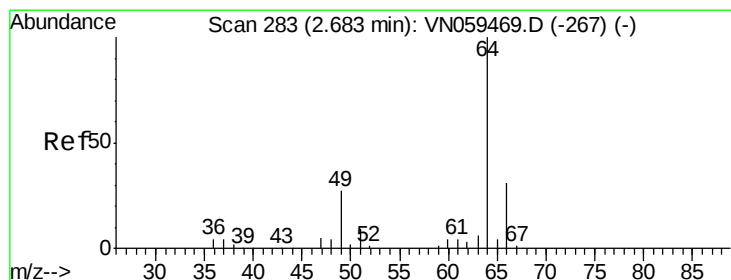
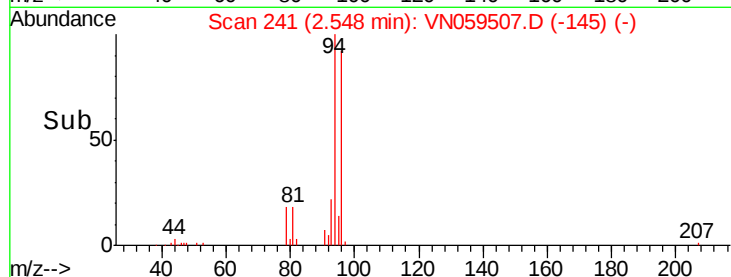
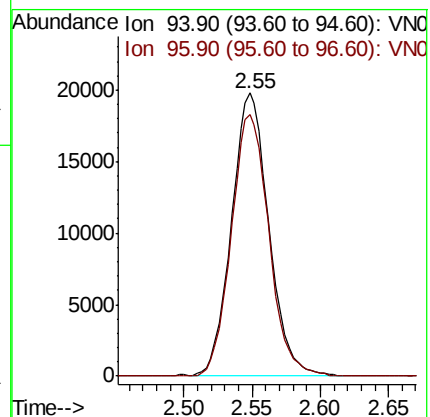
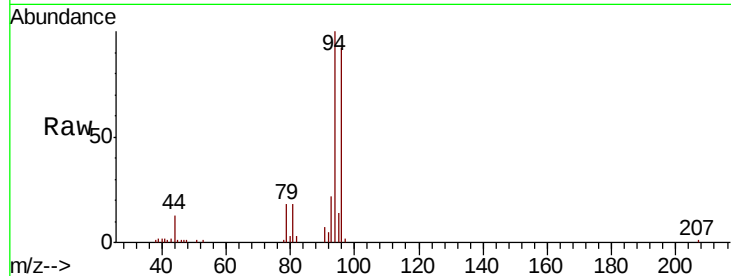
ClientSampled :

Tot Ion: 94 Resp: 37506

Ion Ratio Lower Upper

94 100

96 92.5 73.5 110.3



#6

Chloroethane

Concen: 31.655 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059507.D

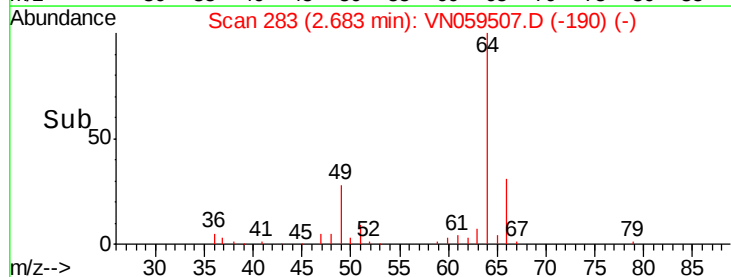
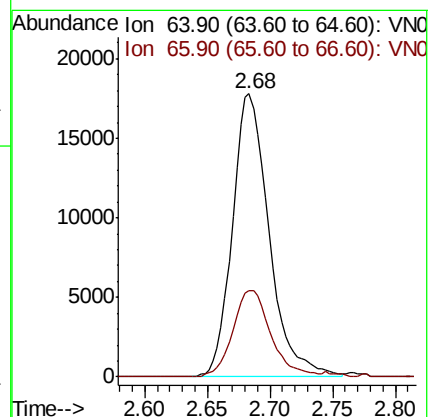
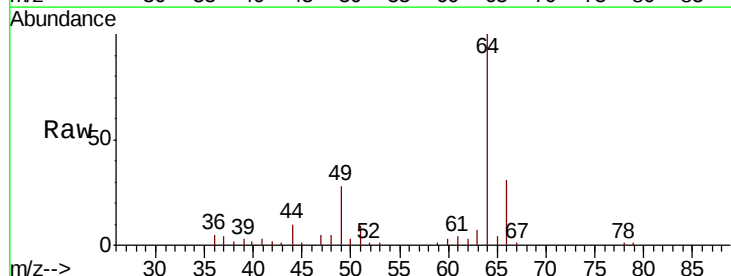
Acq: 6 Dec 2019 11:56

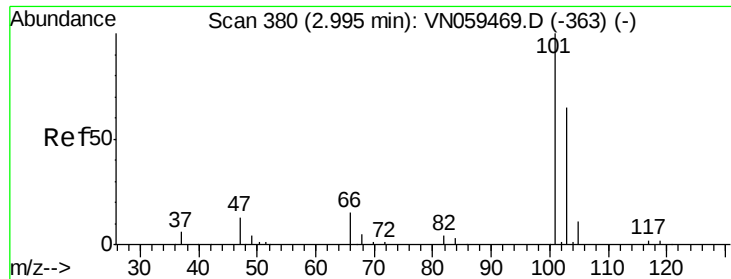
Tgt Ion: 64 Resp: 36247

Ion Ratio Lower Upper

64 100

66 30.7 25.2 37.8



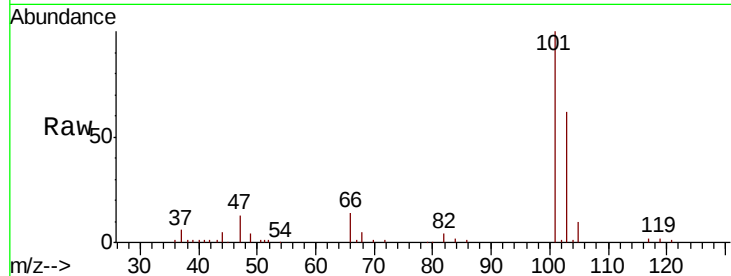


#7

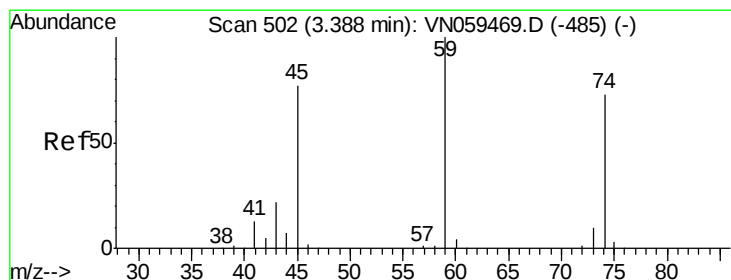
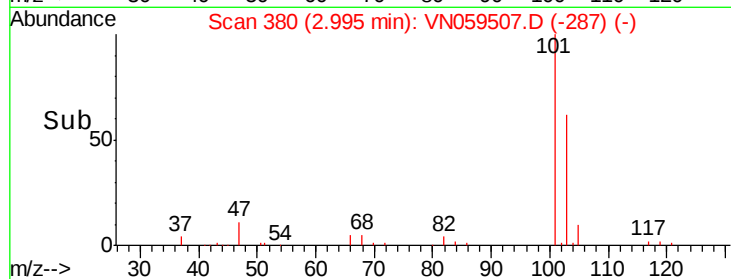
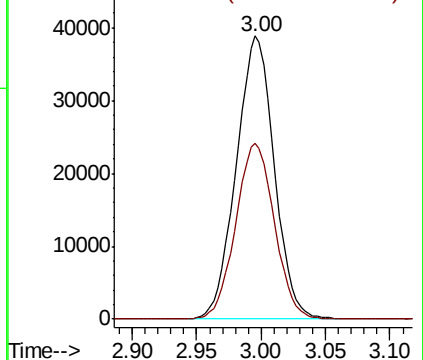
Trichlorofluoromethane
 Concen: 34.063 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 79790
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.4 78.6



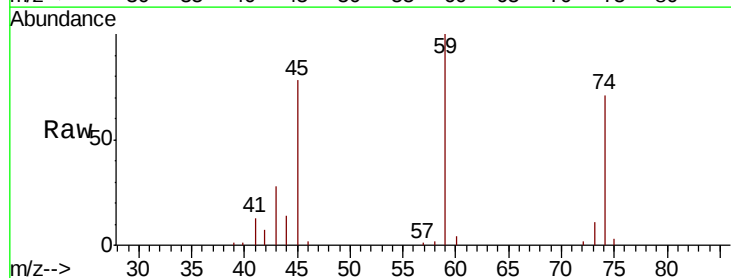
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



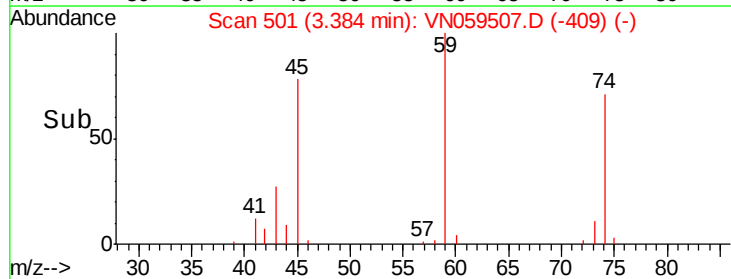
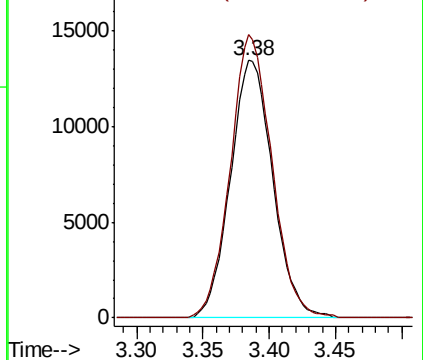
#8

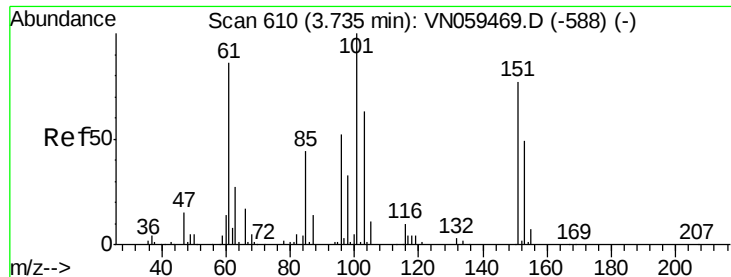
Diethyl Ether
 Concen: 19.599 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059507.D
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Tgt Ion: 74 Resp: 29912
 Ion Ratio Lower Upper
 74 100
 45 107.8 52.3 157.1



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.316 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

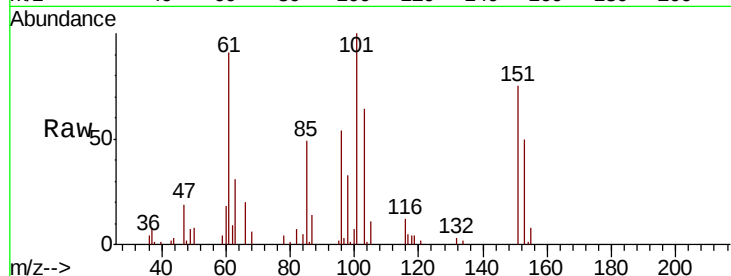
Tot Ion:101 Resp: 49014

Ion Ratio Lower Upper

101 100

85 46.4 35.2 52.8

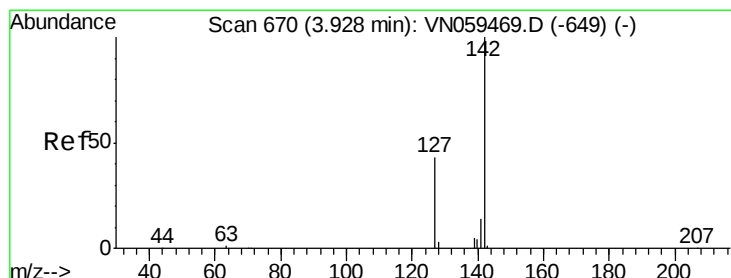
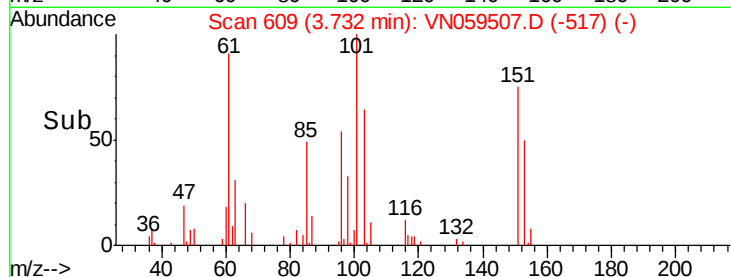
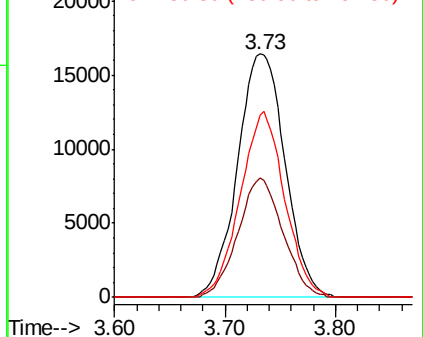
151 71.2 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.209 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

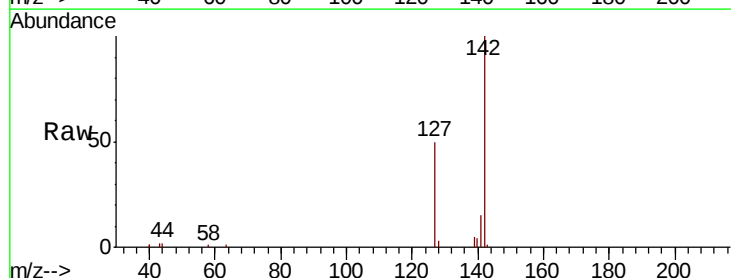
Tgt Ion:142 Resp: 58840

Ion Ratio Lower Upper

142 100

127 47.1 34.6 52.0

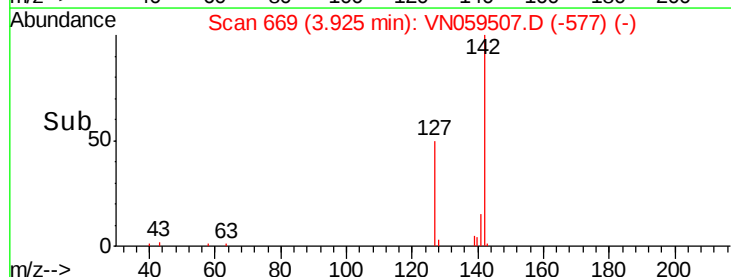
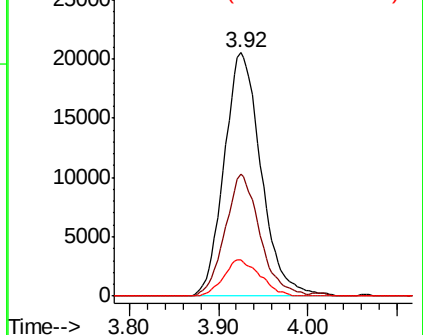
141 14.7 11.4 17.0

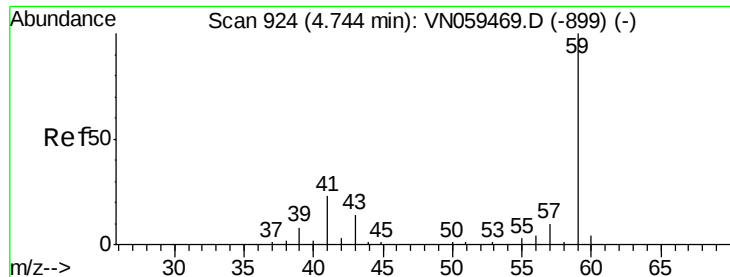


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

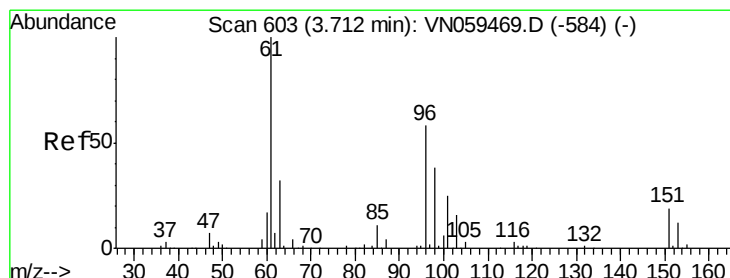
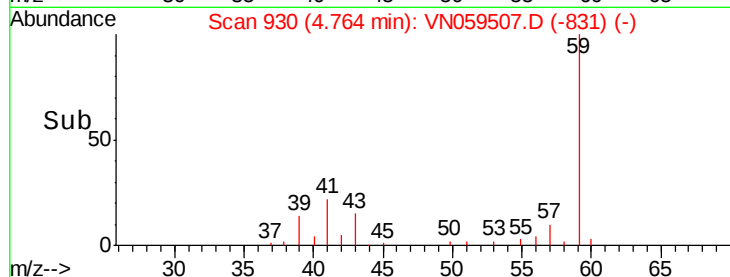
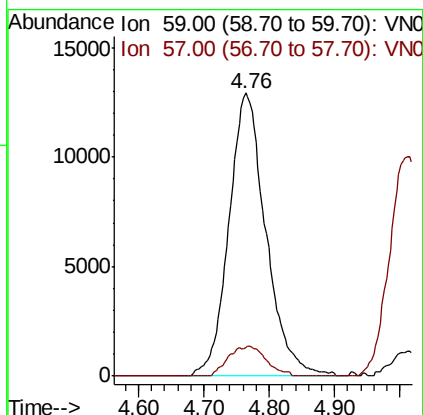
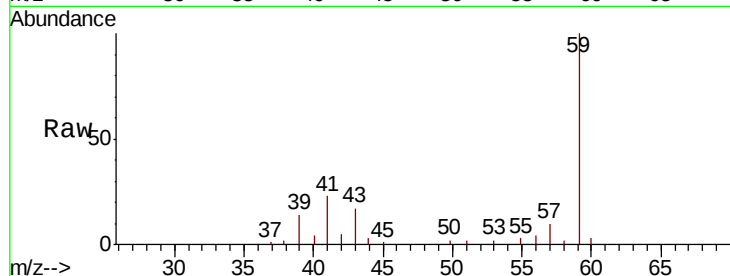




#11
Tert butyl alcohol
Concen: 100.272 ug/l
RT: 4.76 min Scan# 930
Delta R.T. 0.02 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

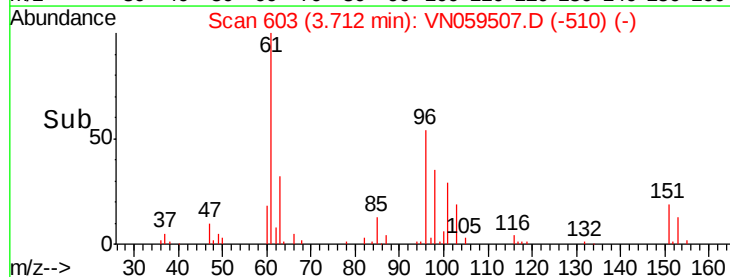
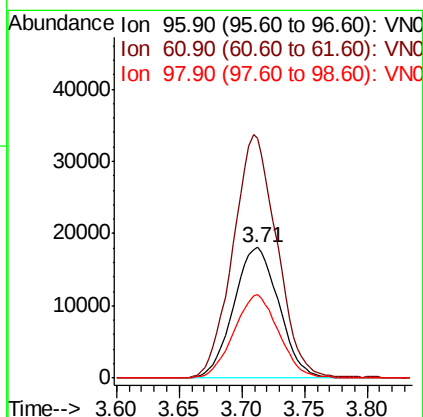
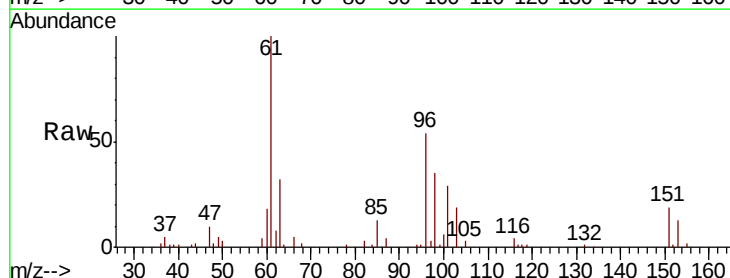
Instrument :
MSVOA_N
ClientSampled :

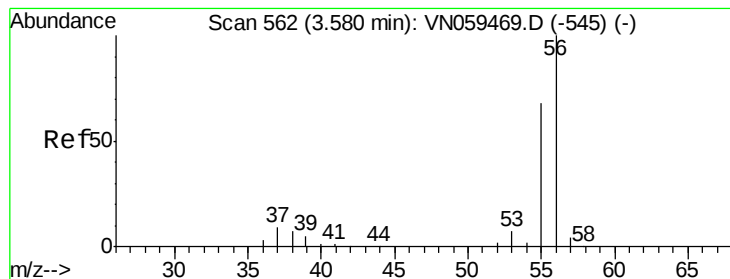
Tot Ion: 59 Resp: 50868
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.101 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 96 Resp: 45182
Ion Ratio Lower Upper
96 100
61 184.0 137.1 205.7
98 64.2 52.4 78.6





#13

Acrolein

Concen: 95.078 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

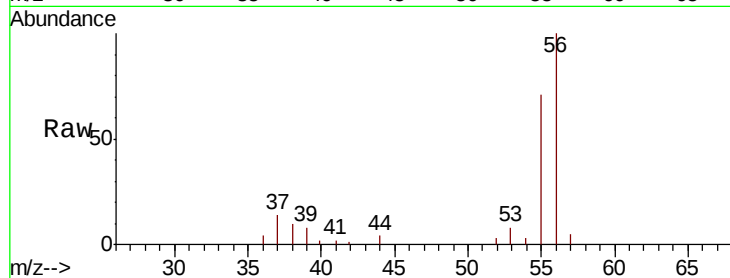
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 41860

Ion Ratio Lower Upper

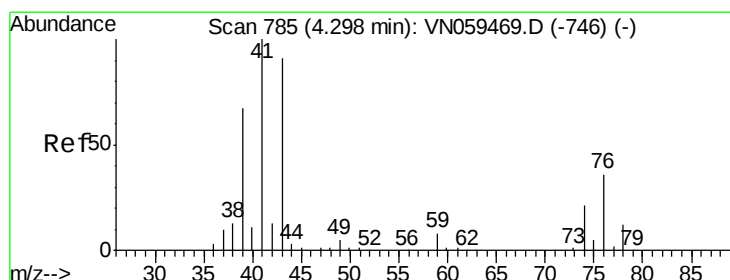
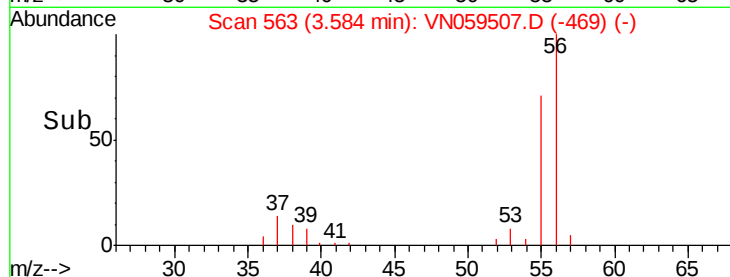
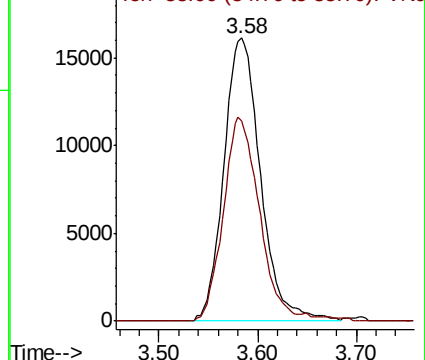
56 100

55 70.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.431 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

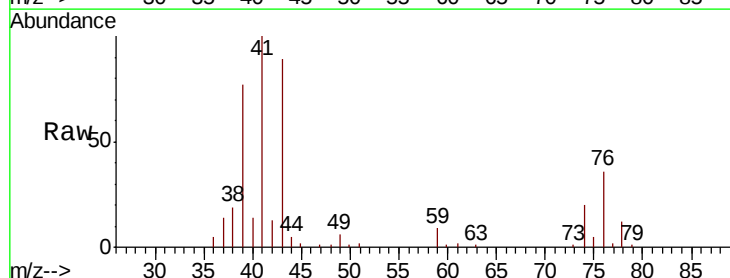
Tgt Ion: 41 Resp: 90451

Ion Ratio Lower Upper

41 100

39 74.4 49.3 73.9#

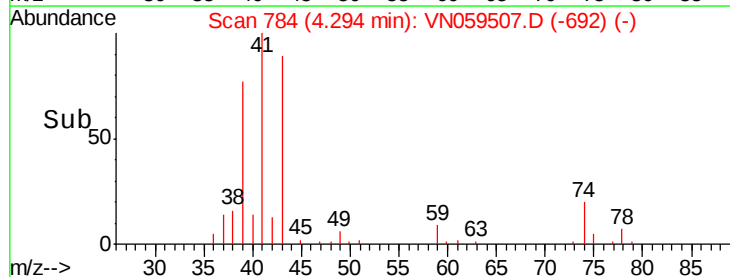
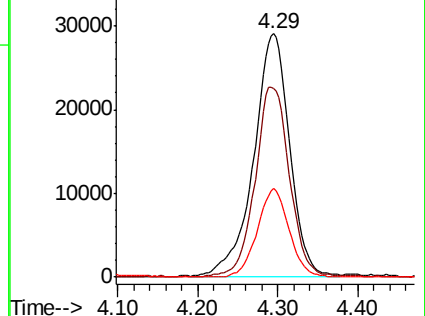
76 31.7 25.6 38.4

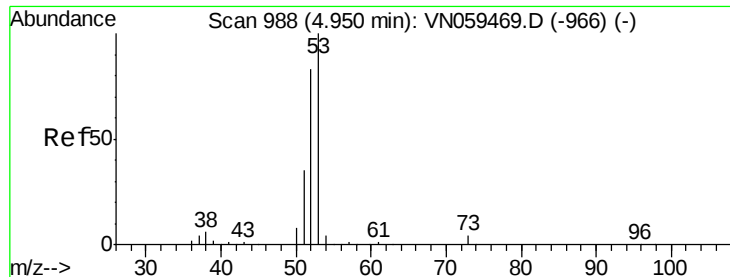


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.985 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

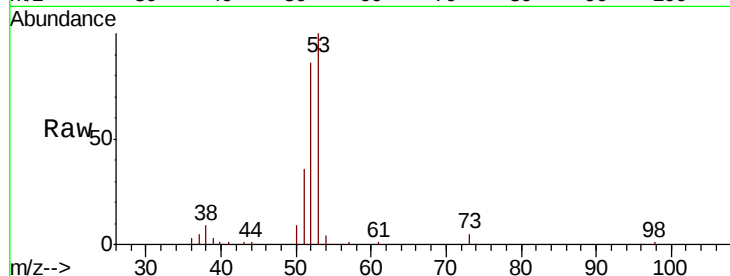
Tot Ion: 53 Resp: 137223

Ion Ratio Lower Upper

53 100

52 83.4 65.5 98.3

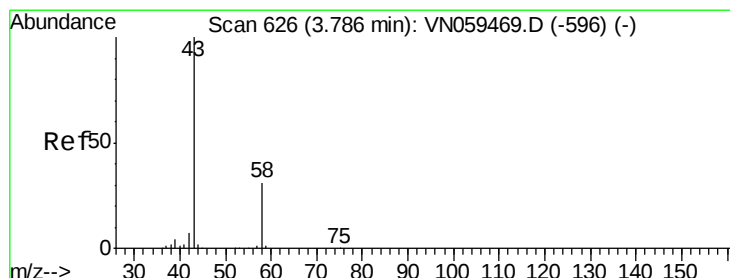
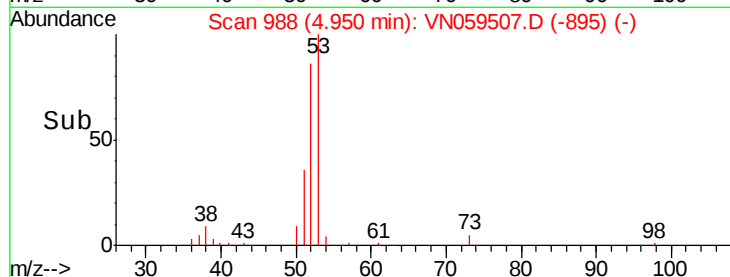
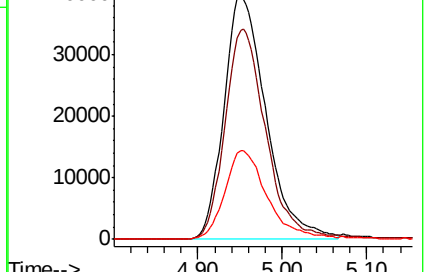
51 36.7 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN059469.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059469.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059469.D (-966) (-)



#16

Acetone

Concen: 100.724 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059507.D

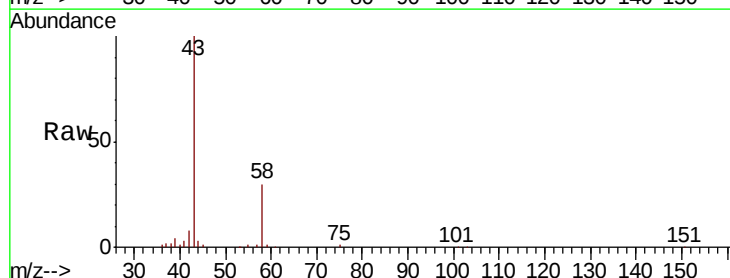
Acq: 6 Dec 2019 11:56

Tgt Ion: 43 Resp: 156099

Ion Ratio Lower Upper

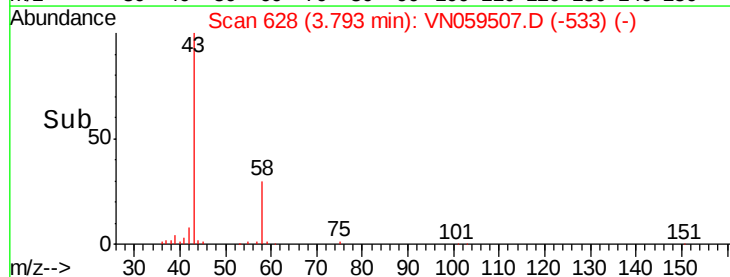
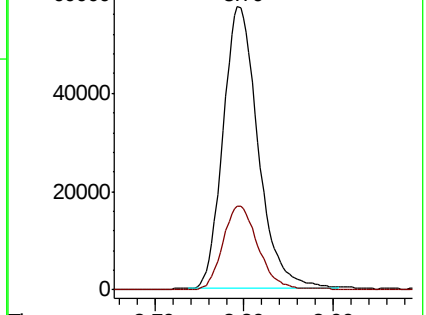
43 100

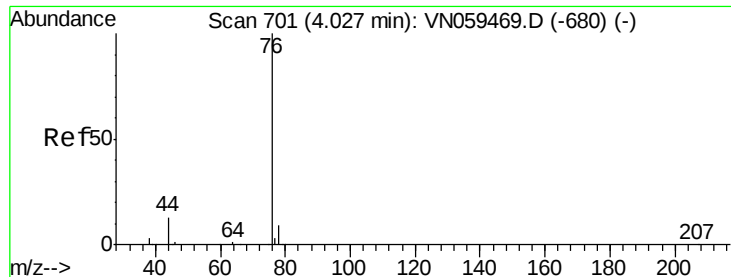
58 29.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059469.D (-596) (-)

Ion 58.00 (57.70 to 58.70): VN059469.D (-596) (-)

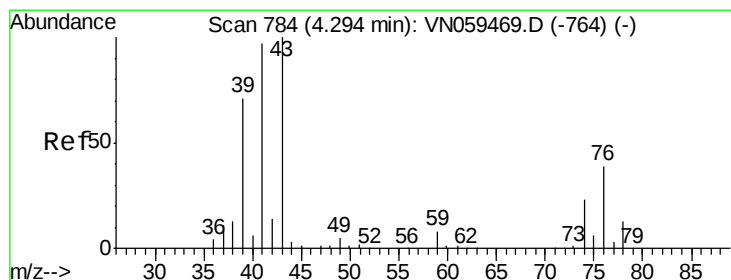
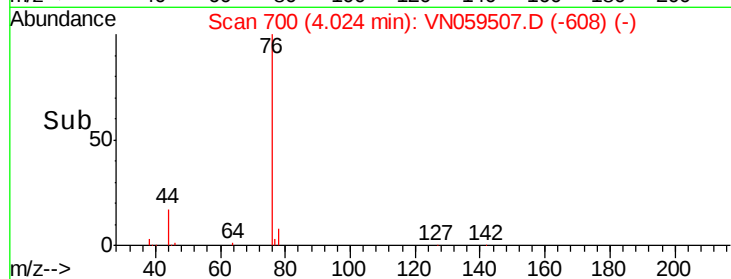
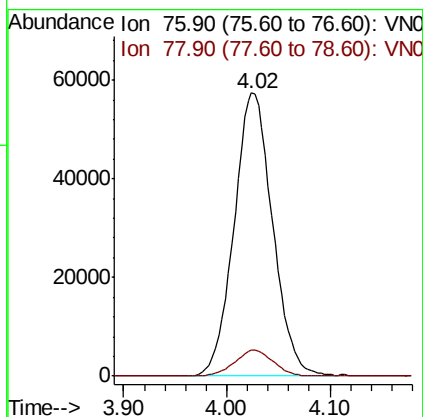
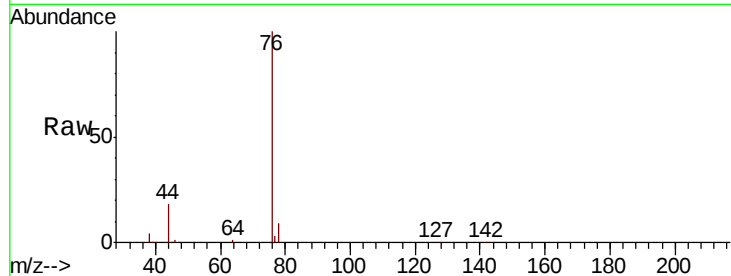




#17
Carbon Disulfide
Concen: 19.438 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

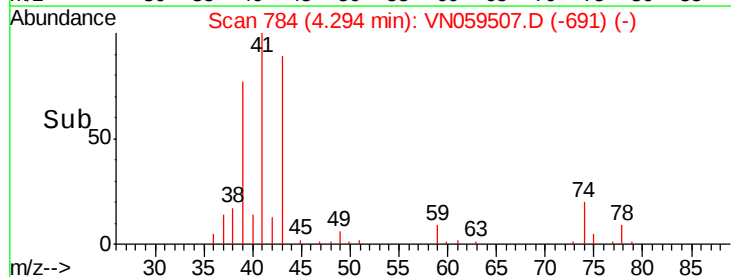
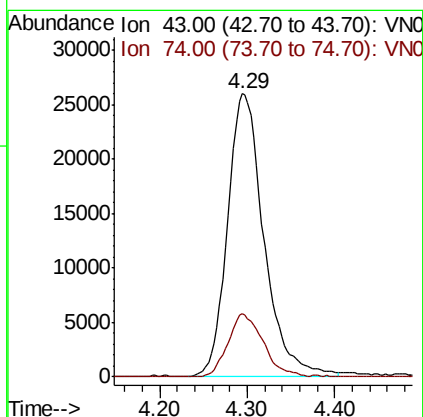
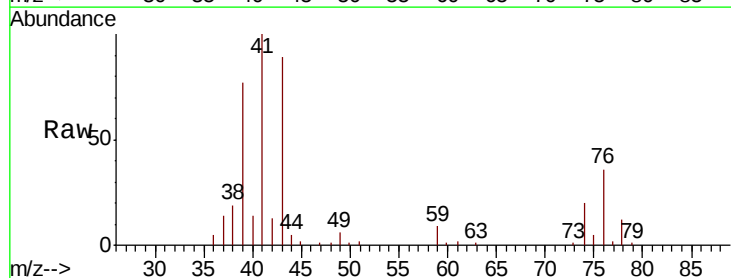
Instrument :
MSVOA_N
ClientSampled :

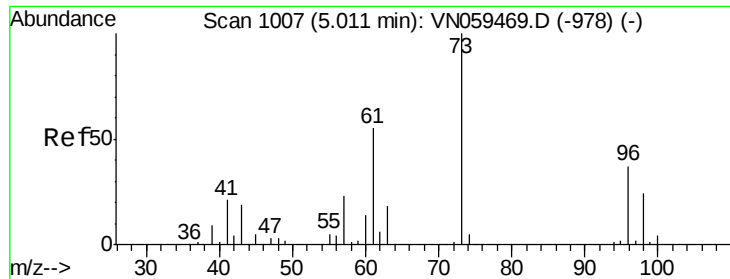
Tot Ion: 76 Resp: 149076
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 20.760 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 43 Resp: 75237
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5

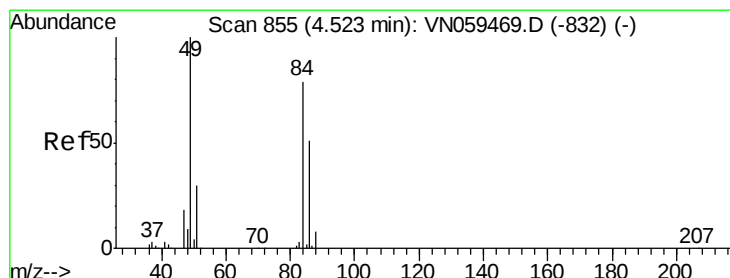
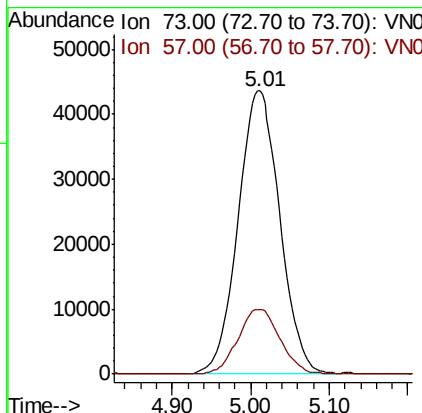
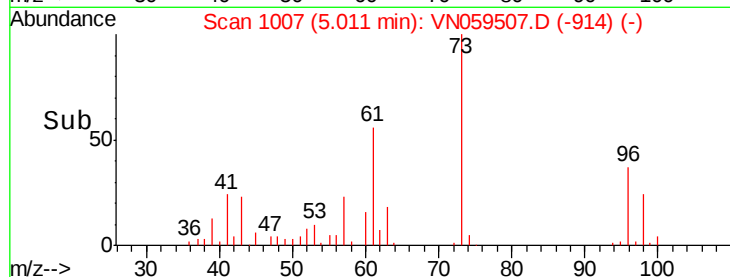
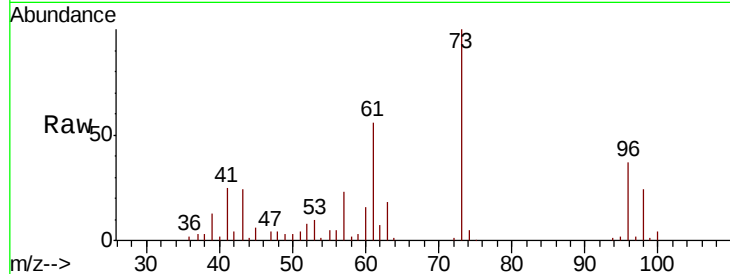




#19
Methvl tert-butvl Ether
Concen: 21.211 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

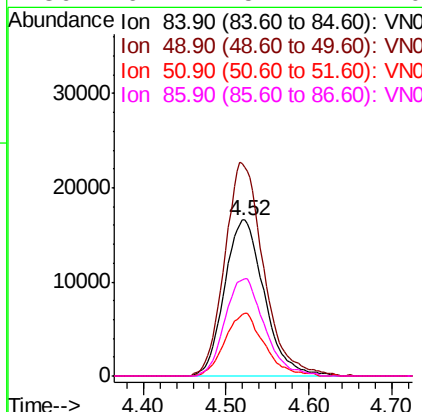
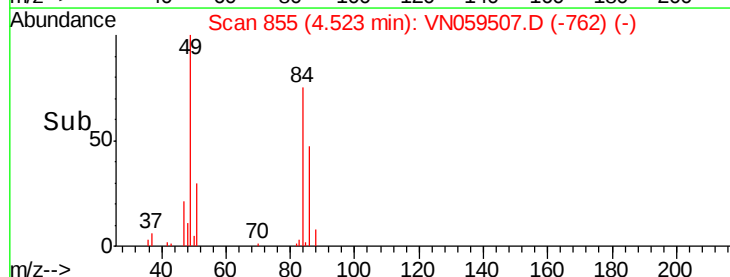
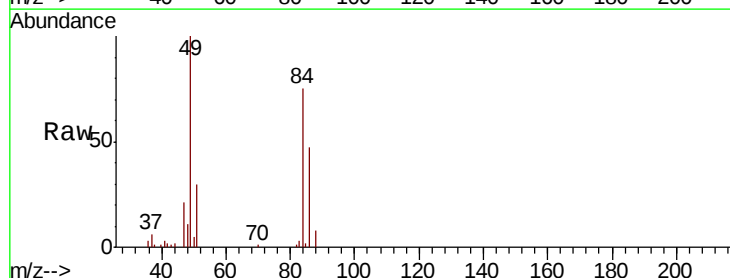
Instrument :
MSVOA_N
ClientSampled :

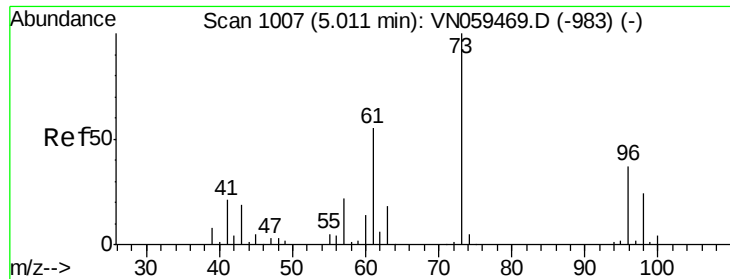
Tot Ion: 73 Resp: 162496
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0



#20
Methylene Chloride
Concen: 21.065 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 84 Resp: 55174
Ion Ratio Lower Upper
84 100
49 133.5 101.1 151.7
51 40.6 30.7 46.1
86 62.1 51.4 77.0

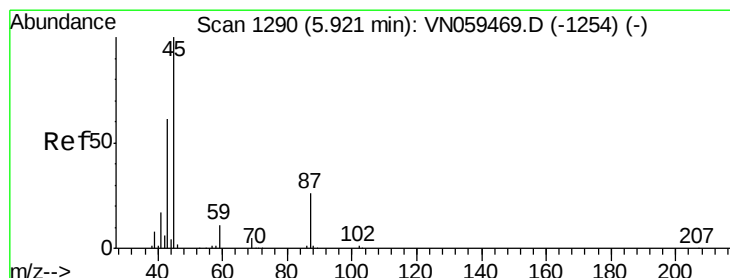
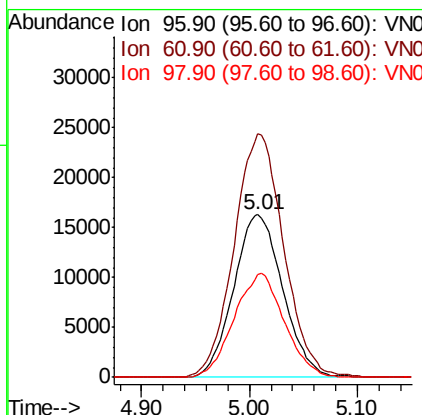
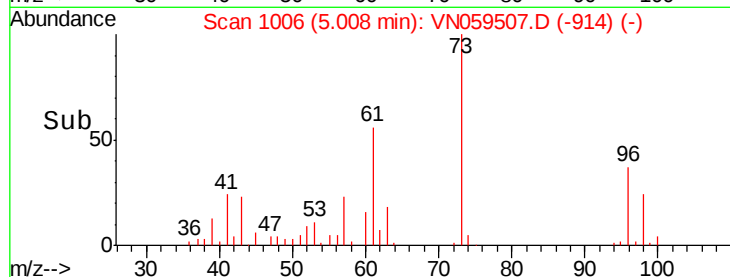
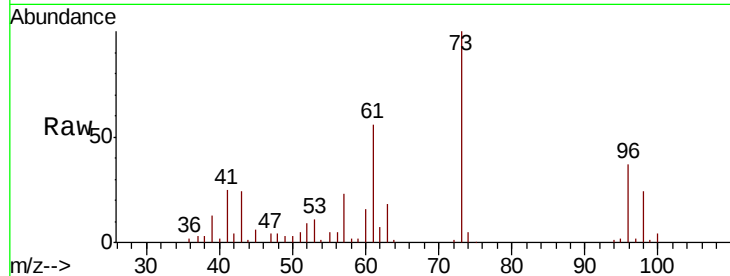




#21
trans-1,2-Dichloroethene
Concen: 20.494 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

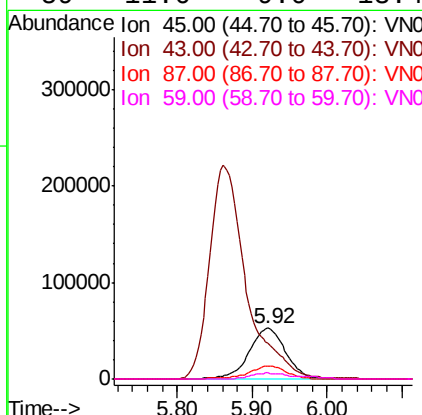
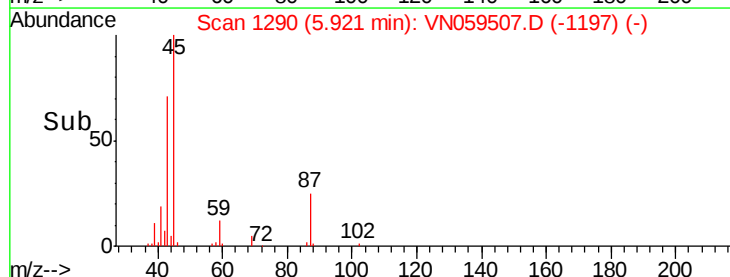
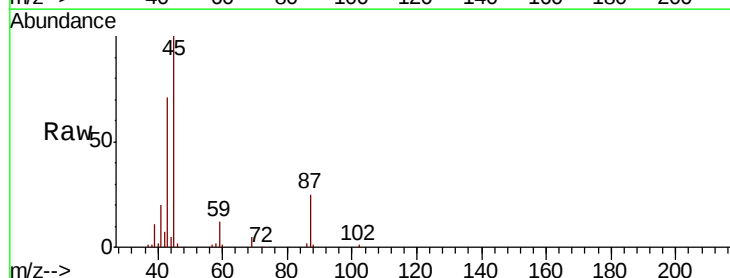
Instrument :
MSVOA_N
ClientSampleId :

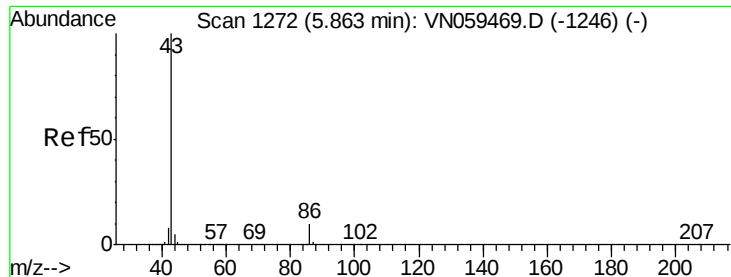
Tot Ion: 96 Resp: 51543
Ion Ratio Lower Upper
96 100
61 148.5 118.9 178.3
98 63.0 51.6 77.4



#22
Diisopropyl ether
Concen: 21.817 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 45 Resp: 179777
Ion Ratio Lower Upper
45 100
43 68.9 49.1 73.7
87 25.4 21.6 32.4
59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 114.401 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

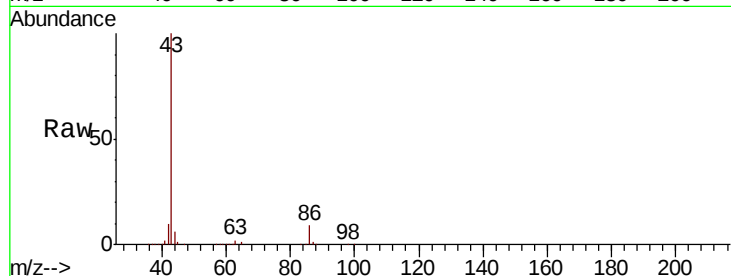
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 756422

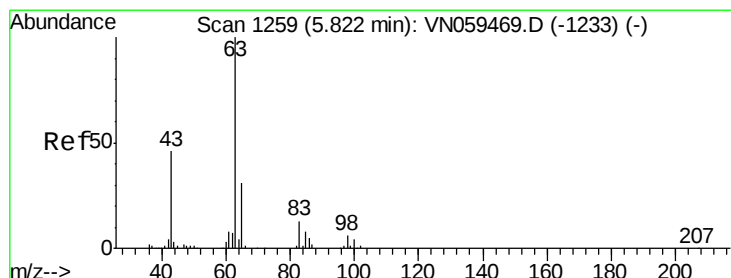
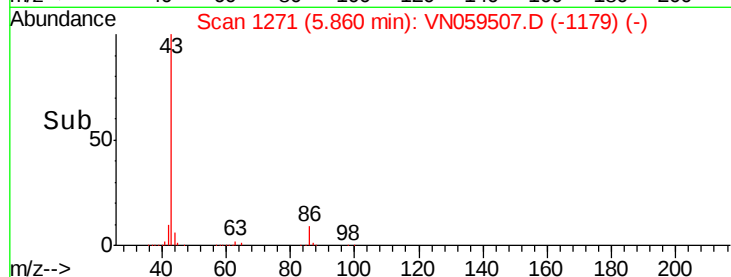
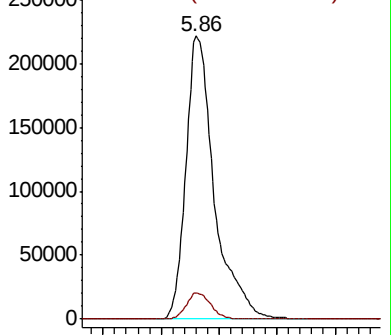
Ion Ratio Lower Upper

43 100

86 9.3 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN059507.D (-1179) (-)



#24

1,1-Dichloroethane

Concen: 22.333 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

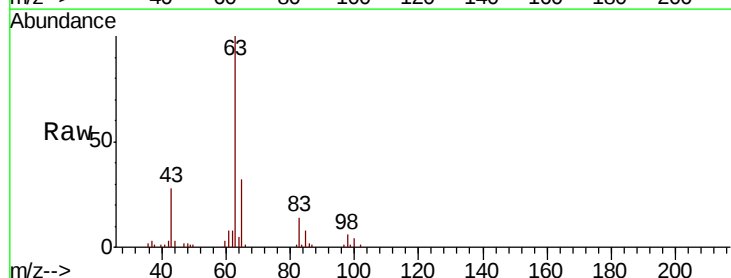
Tgt Ion: 63 Resp: 104539

Ion Ratio Lower Upper

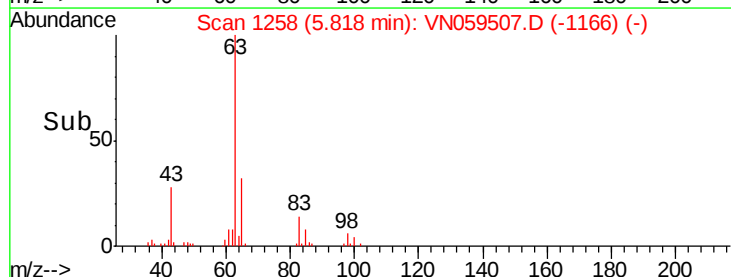
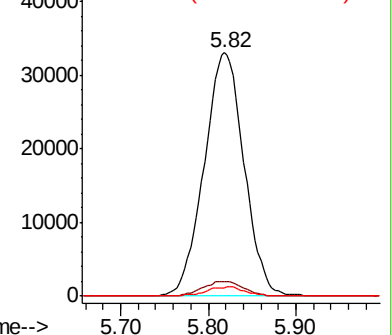
63 100

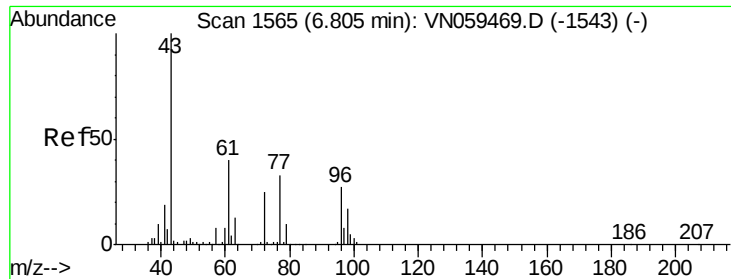
98 5.9 3.2 9.6

100 3.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059507.D (-1166) (-)

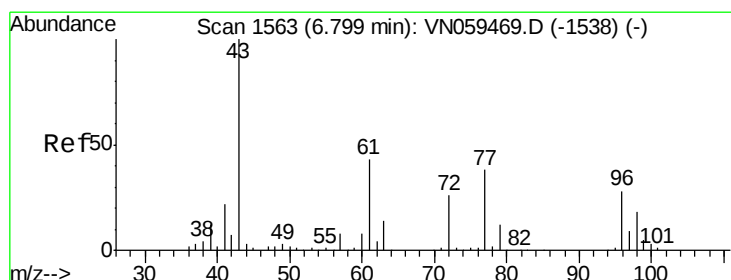
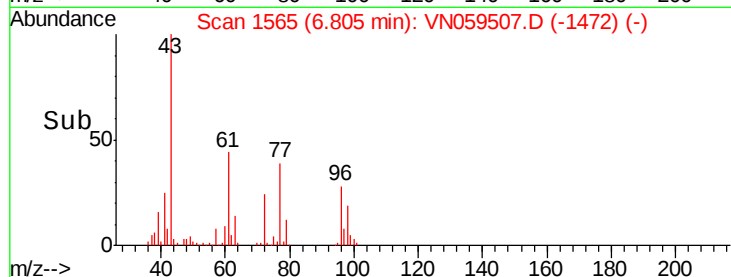
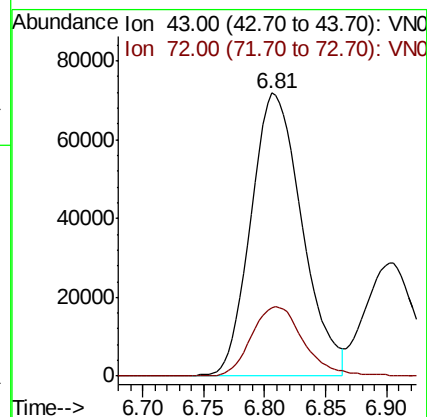
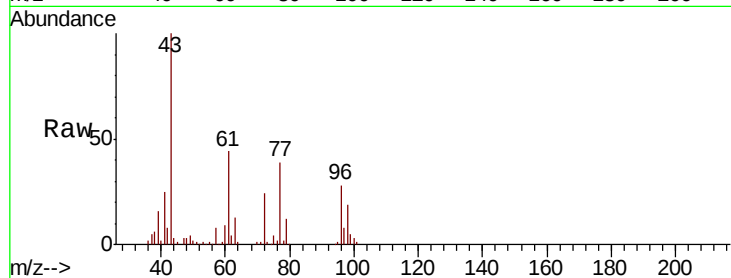




#25
2-Butanone
Concen: 102.302 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

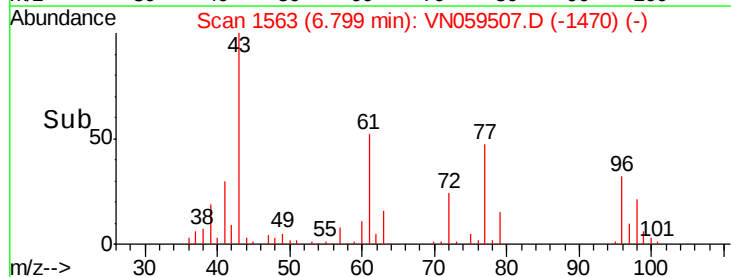
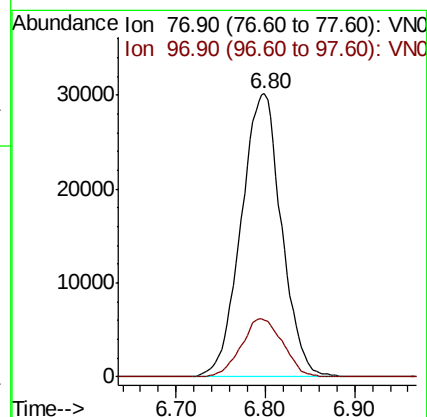
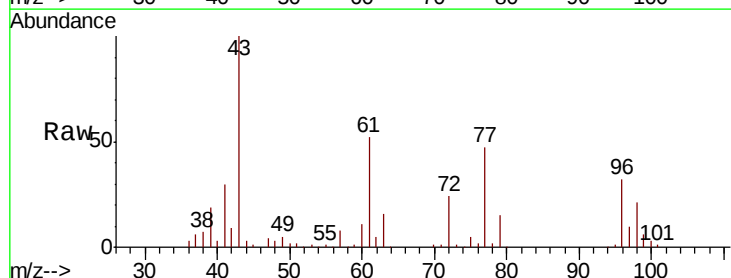
Instrument :
MSVOA_N
ClientSampled :

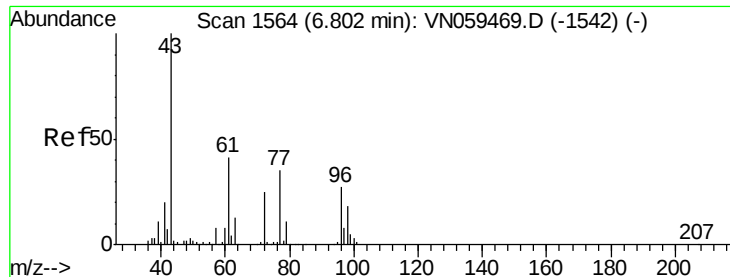
Tot Ion: 43 Resp: 209333
Ion Ratio Lower Upper
43 100
72 24.3 20.2 30.2



#26
2,2-Dichloropropane
Concen: 23.451 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 77 Resp: 94946
Ion Ratio Lower Upper
77 100
97 21.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.207 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampled :

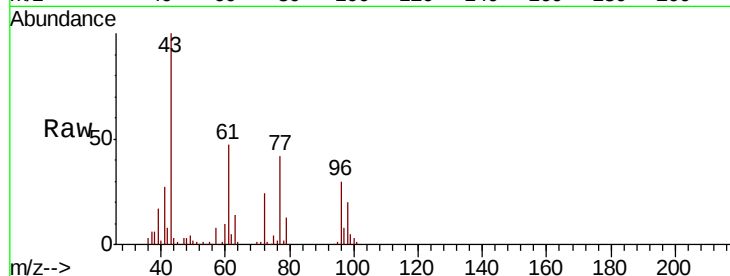
Tot Ion: 96 Resp: 59237

Ion Ratio Lower Upper

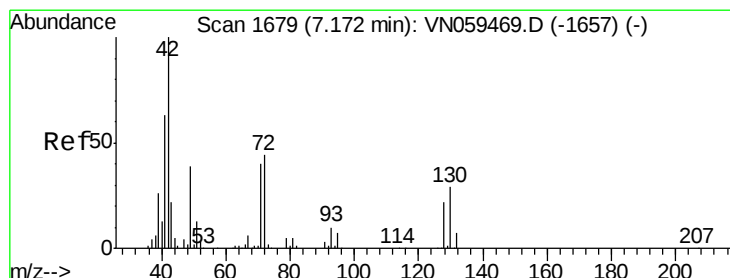
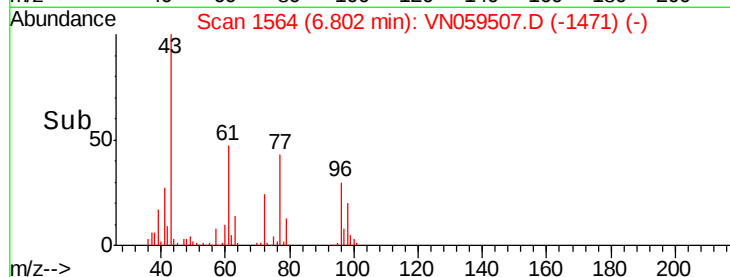
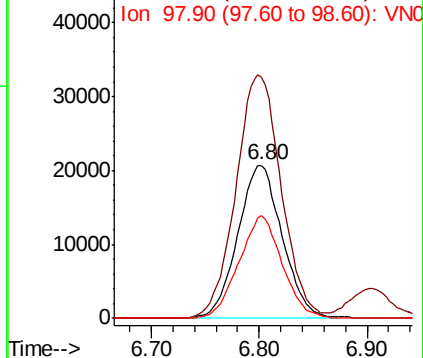
96 100

61 161.7 0.0 307.4

98 65.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 23.583 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.01 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

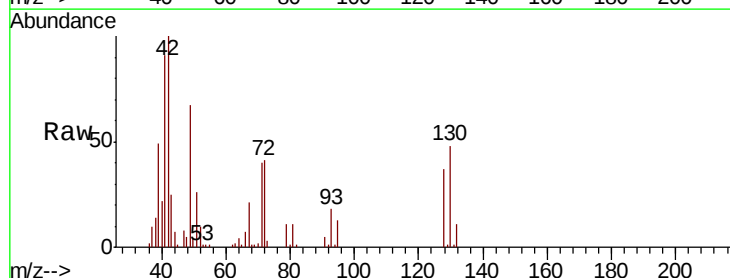
Tgt Ion: 49 Resp: 42408

Ion Ratio Lower Upper

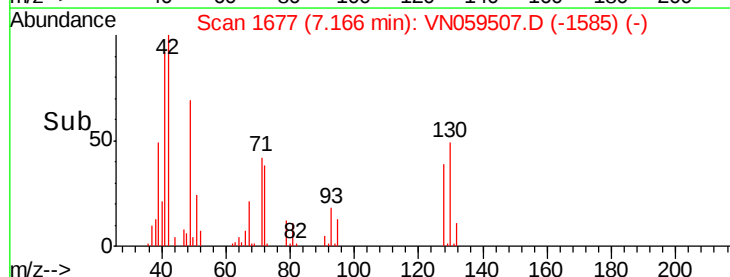
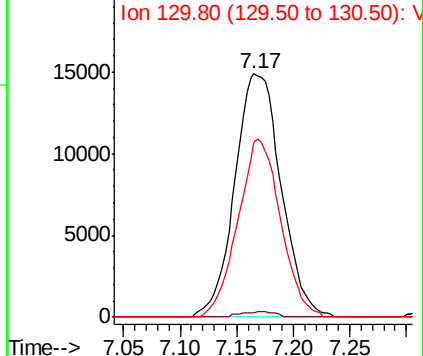
49 100

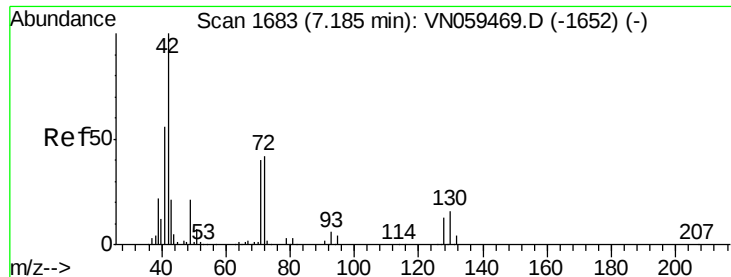
129 1.6 0.0 3.2

130 67.3 58.4 87.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

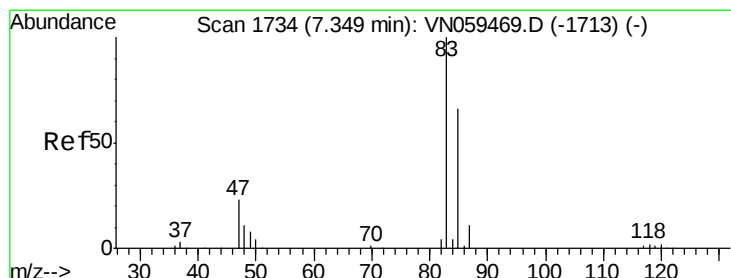
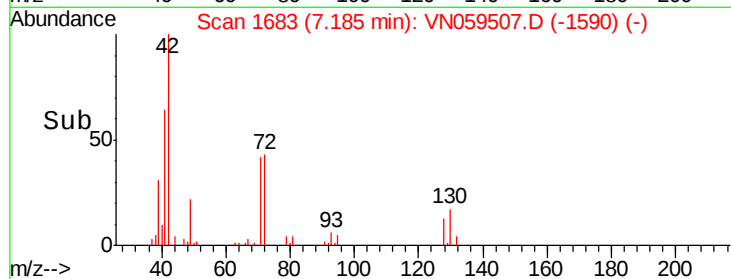
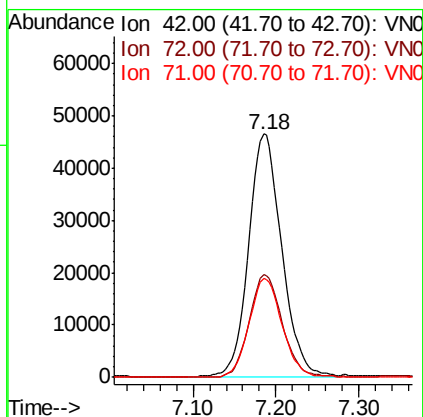
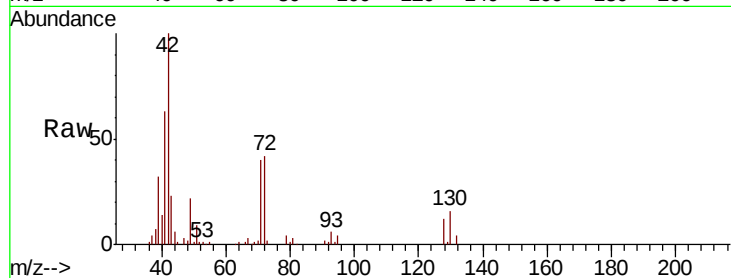




#29
Tetrahydrofuran
Concen: 101.068 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

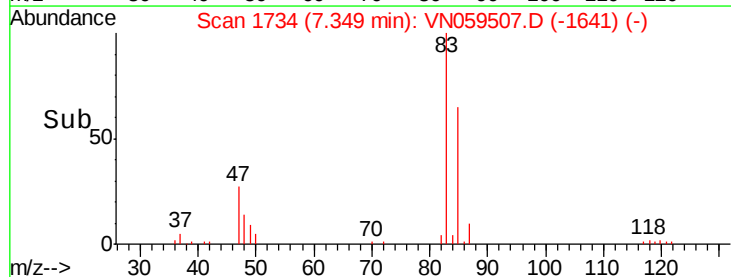
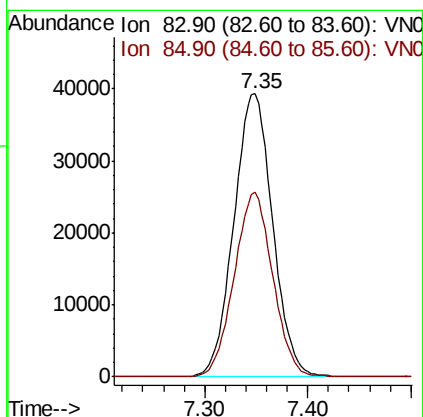
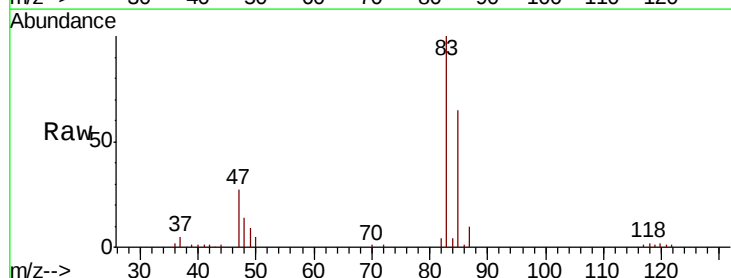
Instrument :
MSVOA_N
ClientSampled :

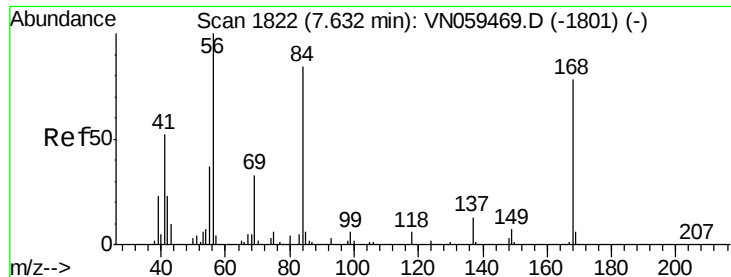
Tot Ion: 42 Resp: 130039
Ion Ratio Lower Upper
42 100
72 42.1 34.2 51.2
71 40.2 32.0 48.0



#30
Chloroform
Concen: 22.766 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 83 Resp: 102896
Ion Ratio Lower Upper
83 100
85 65.1 52.4 78.6

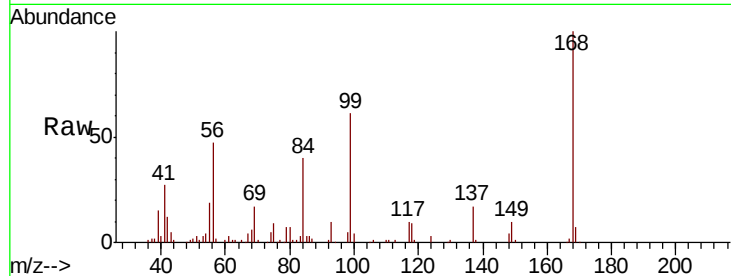




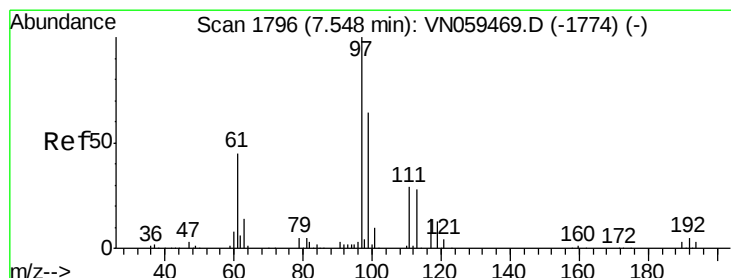
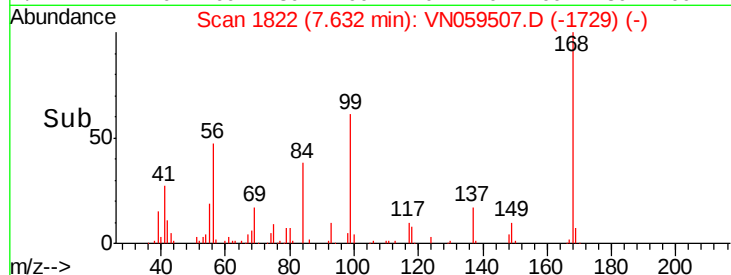
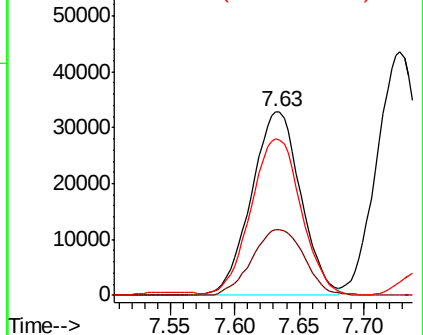
#31
Cyclohexane
Concen: 19.398 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 87983
Ion Ratio Lower Upper
56 100
69 35.8 26.2 39.4
84 83.5 66.8 100.2

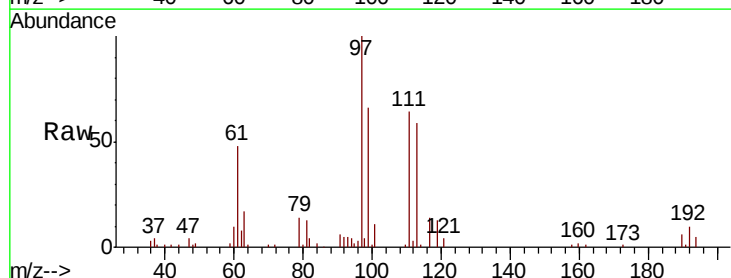


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

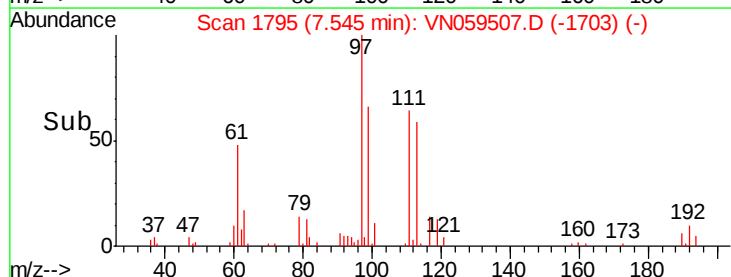
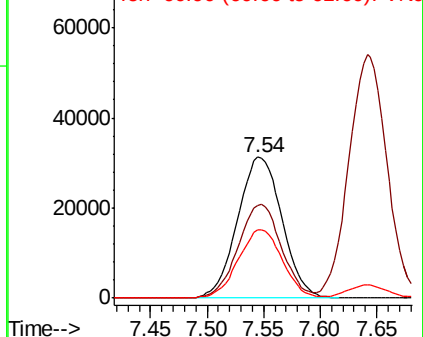


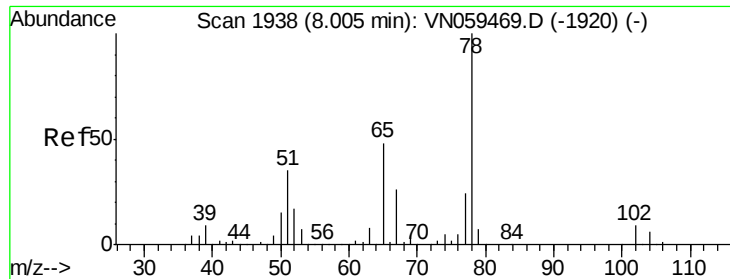
#32
1,1,1-Trichloroethane
Concen: 21.792 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 97 Resp: 85605
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 48.3 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

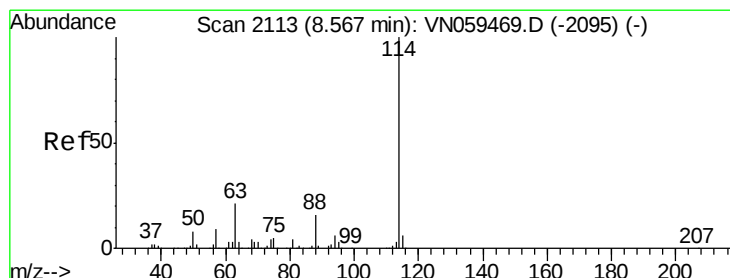
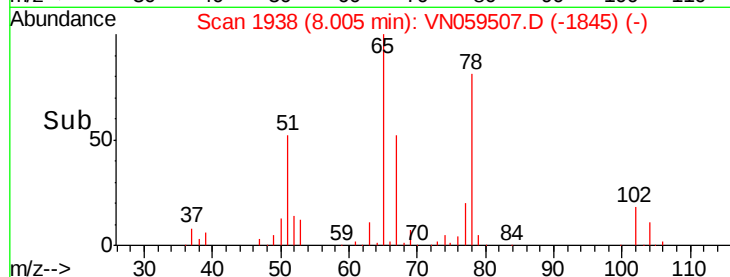
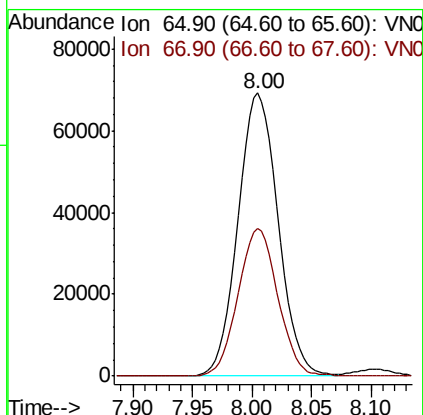
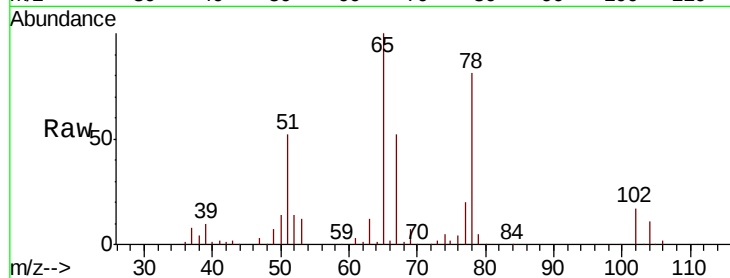




#33
 1,2-Dichloroethane-d4
 Concen: 60.173 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

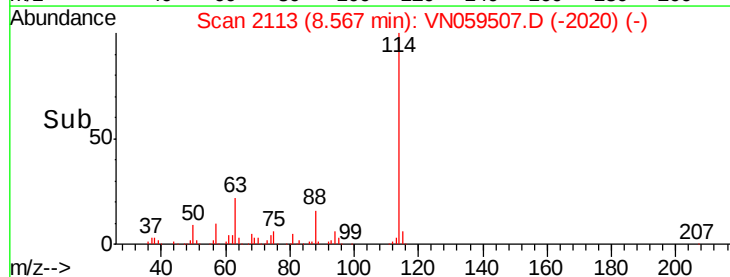
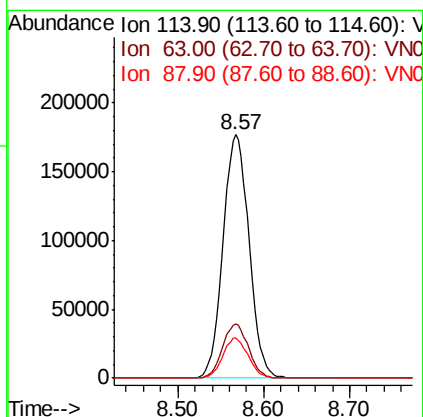
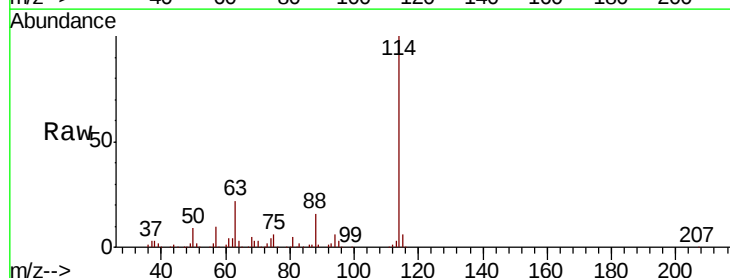
Instrument :
 MSVOA_N
 ClientSampleId :

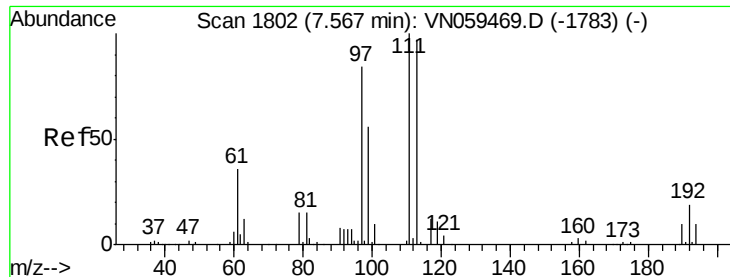
Tot Ion: 65 Resp: 161994
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion: 114 Resp: 372187
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.106 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampled :

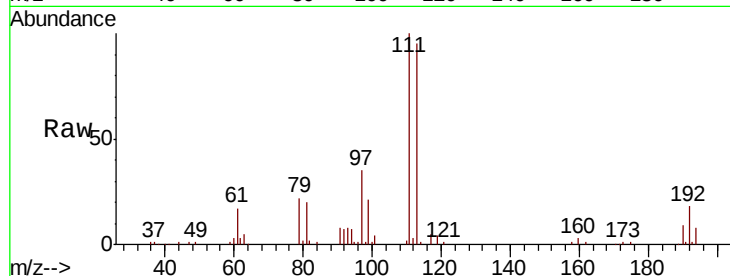
Tot Ion:113 Resp: 113832

Ion Ratio Lower Upper

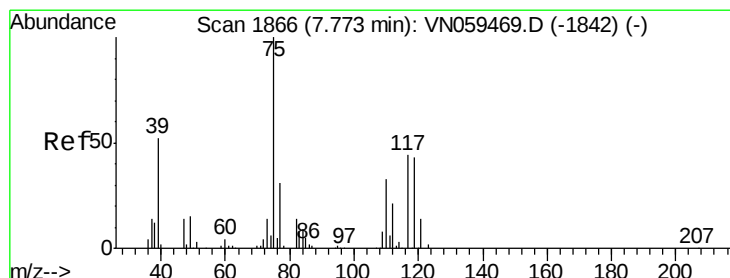
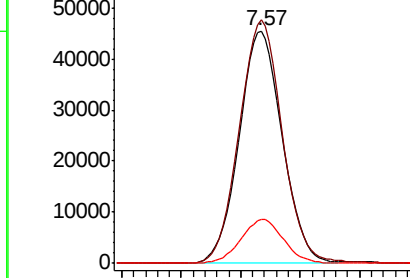
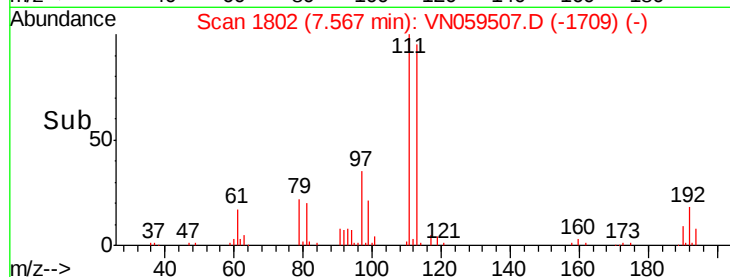
113 100

111 104.6 82.5 123.7

192 18.7 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.072 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

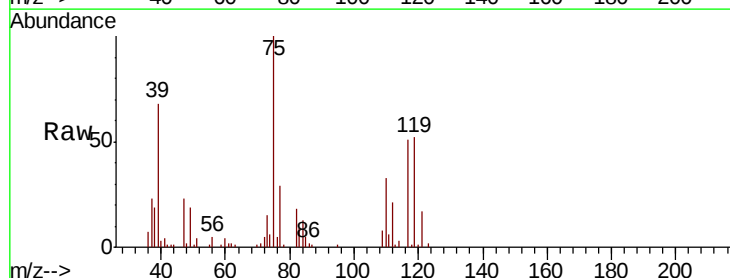
Tgt Ion: 75 Resp: 73867

Ion Ratio Lower Upper

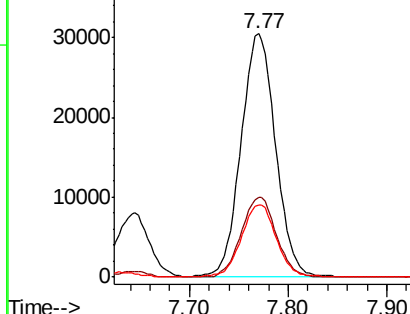
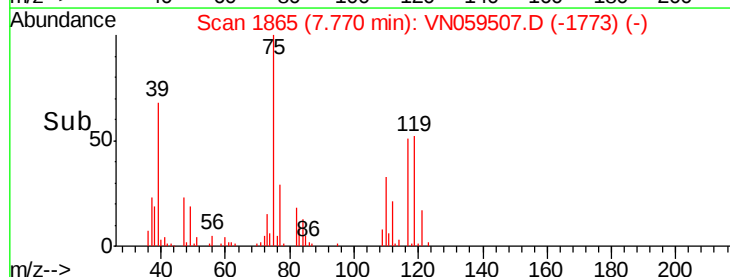
75 100

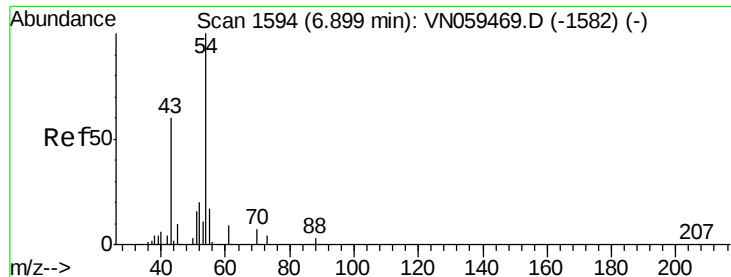
110 33.1 16.9 50.7

77 30.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

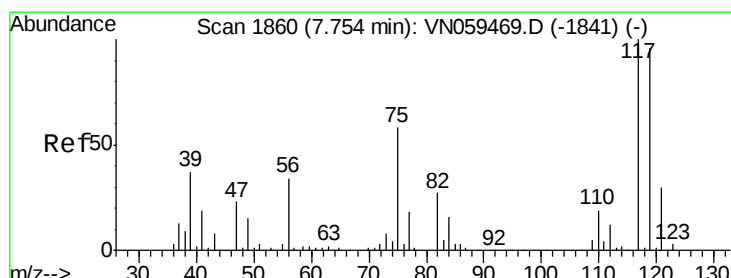
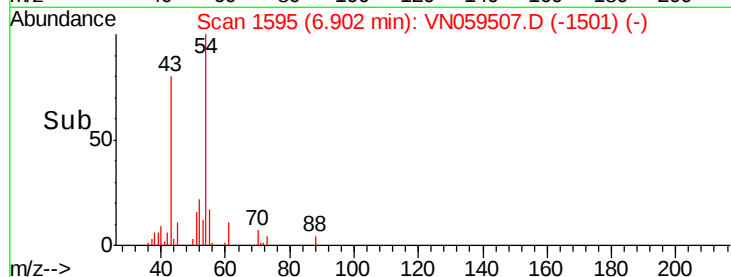
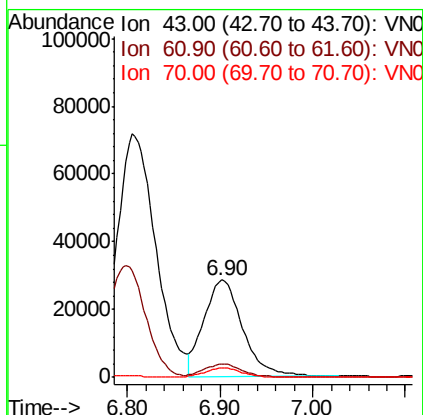
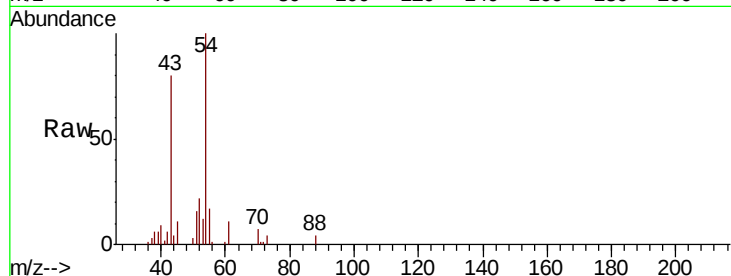




#37
Ethyl Acetate
Concen: 19.353 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

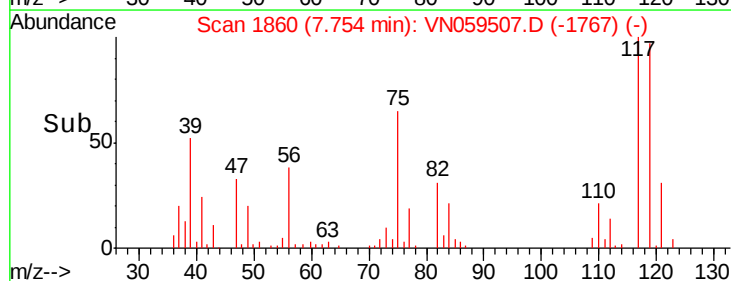
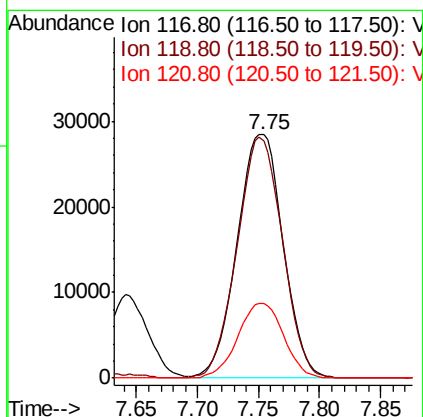
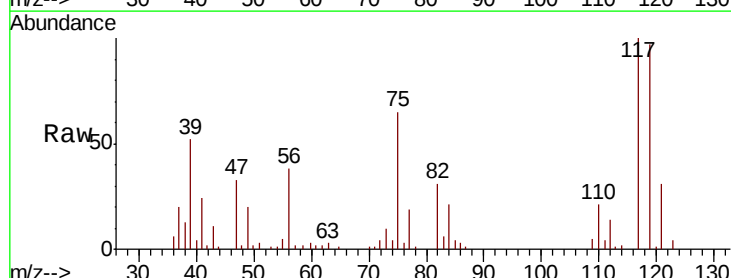
Instrument :
MSVOA_N
ClientSampled :

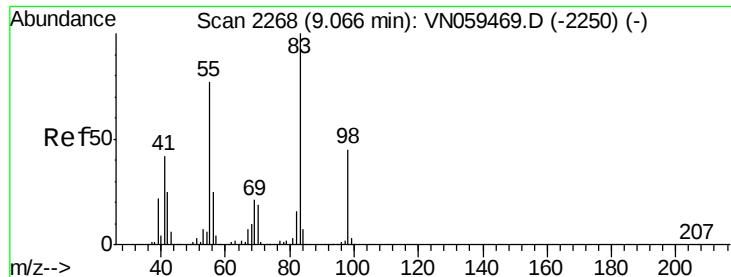
Tot Ion: 43 Resp: 83724
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 9.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.961 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 117 Resp: 74358
Ion Ratio Lower Upper
117 100
119 97.5 76.6 114.8
121 30.8 24.0 36.0

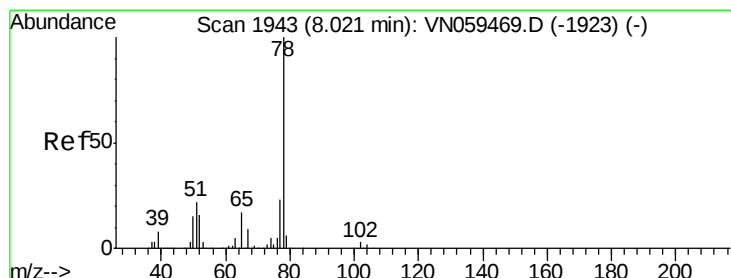
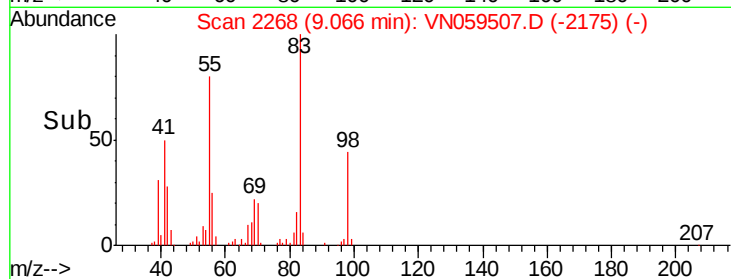
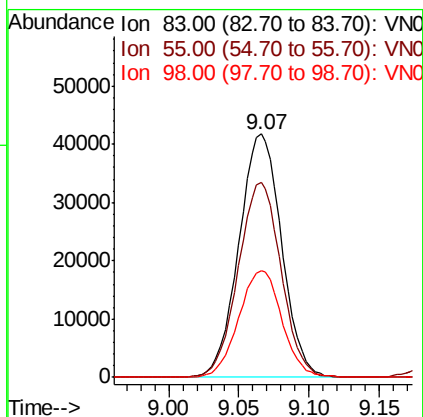
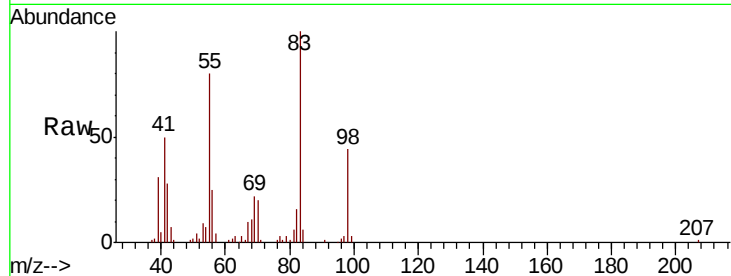




#39
Methvlcvclohexane
Concen: 18.949 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

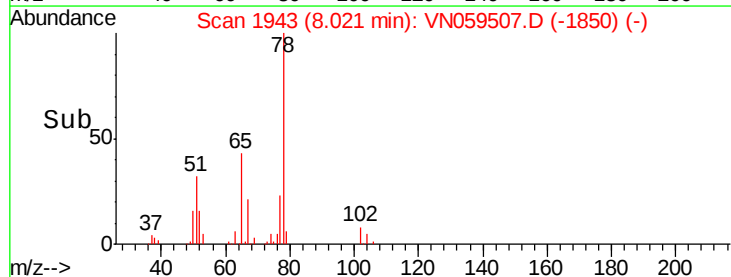
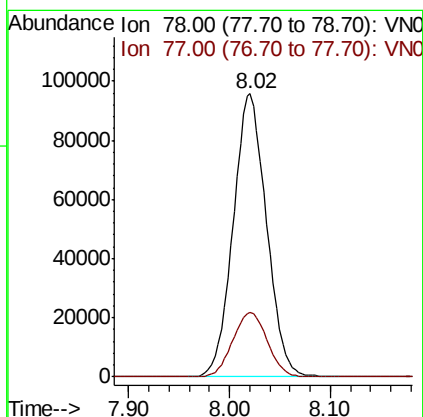
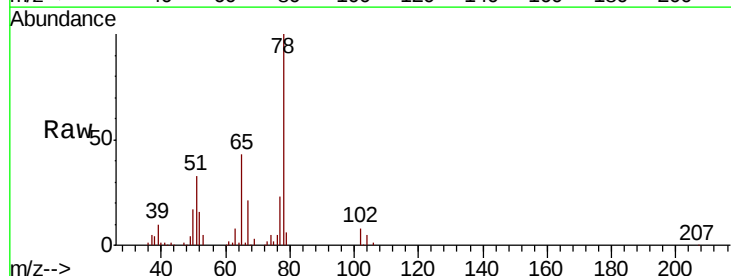
Instrument :
MSVOA_N
ClientSampled :

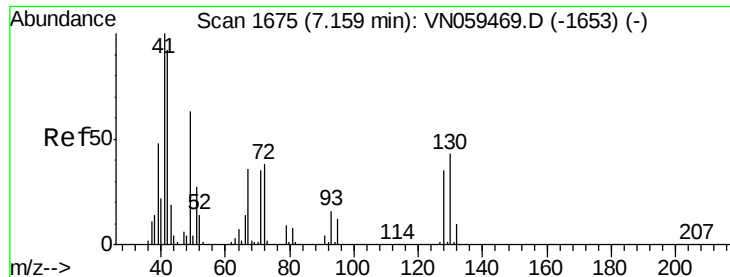
Tot Ion: 83 Resp: 88319
Ion Ratio Lower Upper
83 100
55 80.1 61.8 92.6
98 43.6 36.2 54.2



#40
Benzene
Concen: 19.323 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 78 Resp: 219158
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2

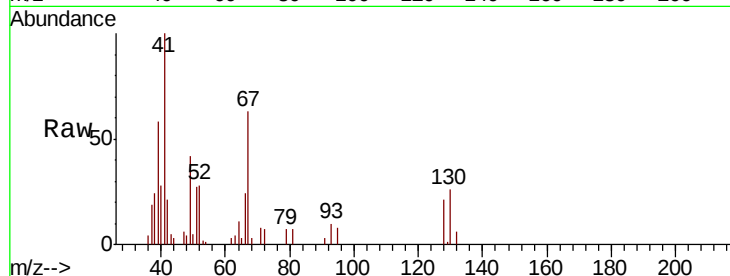




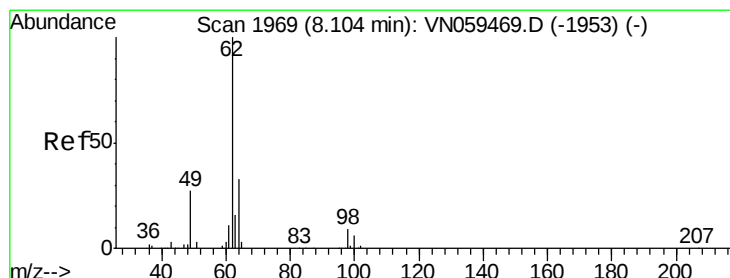
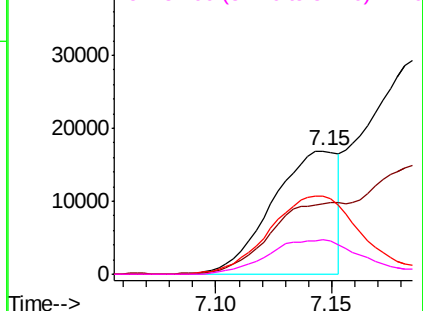
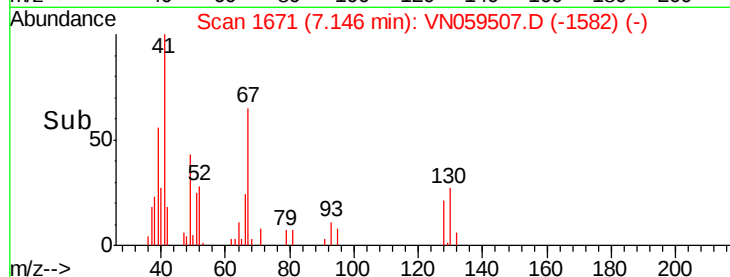
#41
Methacrylonitrile
Concen: 18.966 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 33254
Ion Ratio Lower Upper
41 100
39 65.5 0.0 0.0#
67 90.7 0.0 0.0#
52 41.0 0.0 0.0#

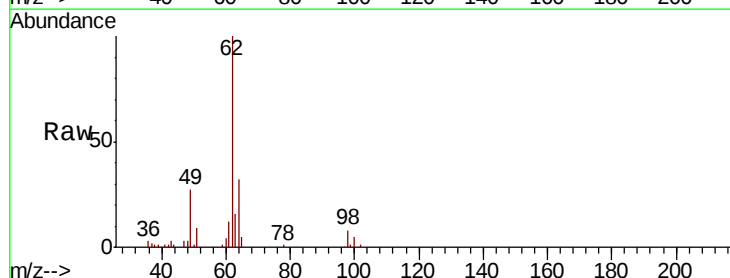


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

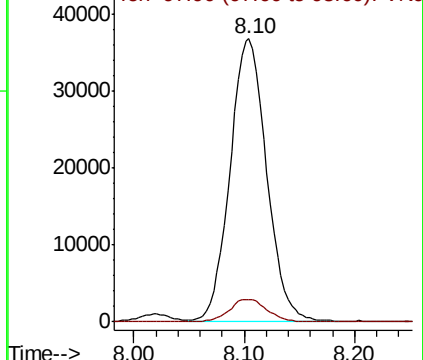
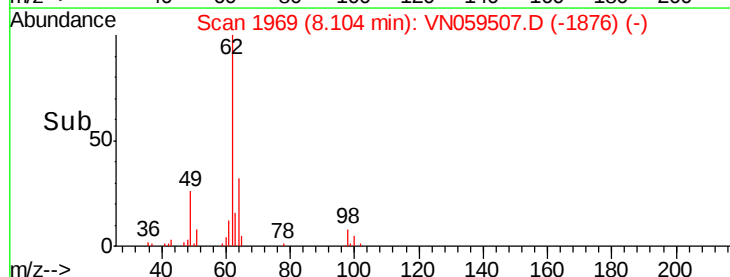


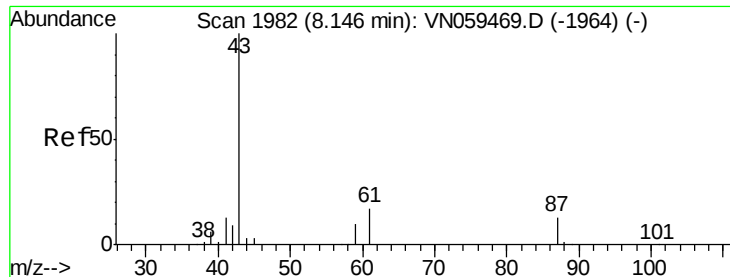
#42
1,2-Dichloroethane
Concen: 22.043 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 62 Resp: 84925
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 20.202 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :

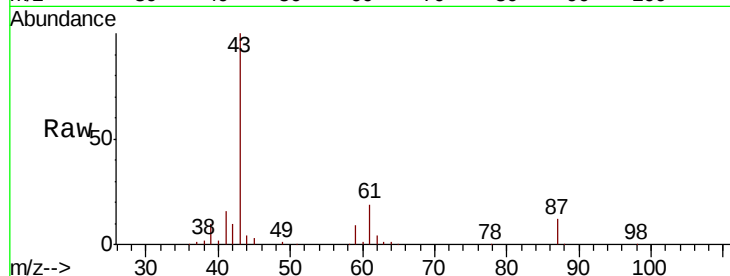
Tot Ion: 43 Resp: 129991

Ion Ratio Lower Upper

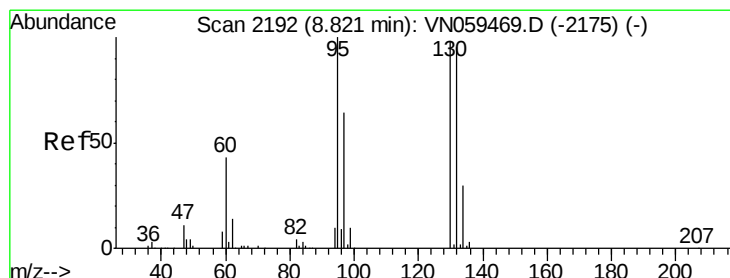
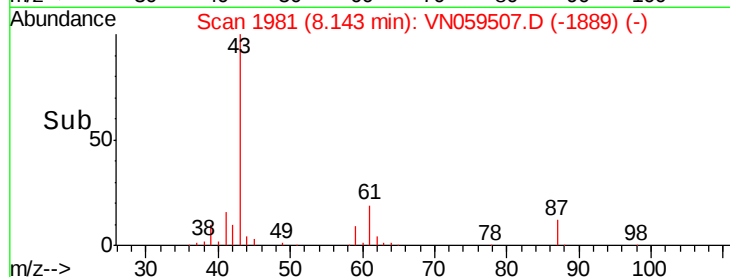
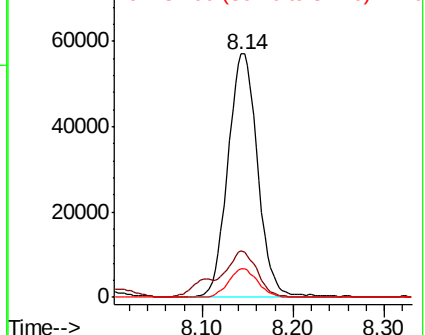
43 100

61 19.6 21.0 31.6#

87 11.6 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.329 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059507.D

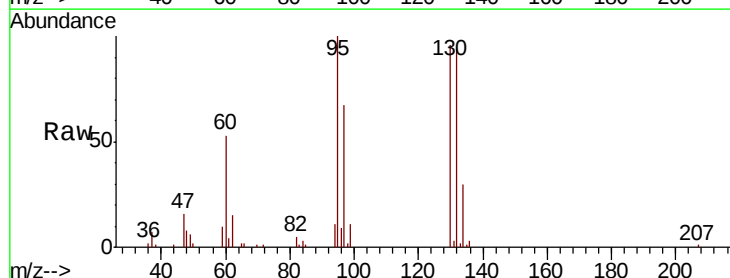
Acq: 6 Dec 2019 11:56

Tgt Ion:130 Resp: 54325

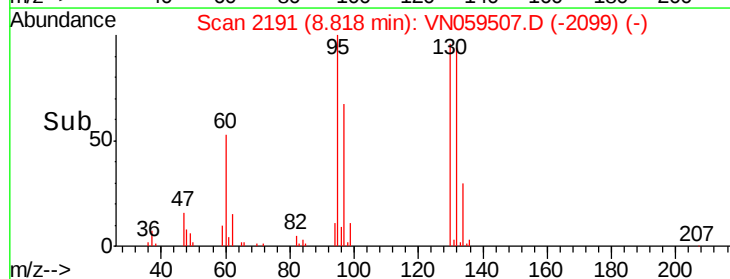
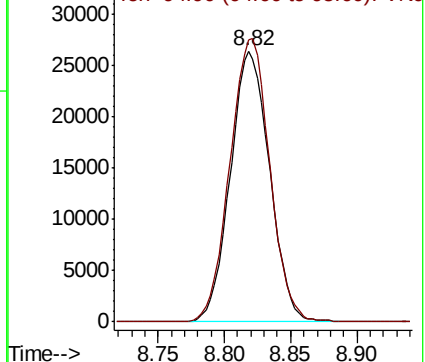
Ion Ratio Lower Upper

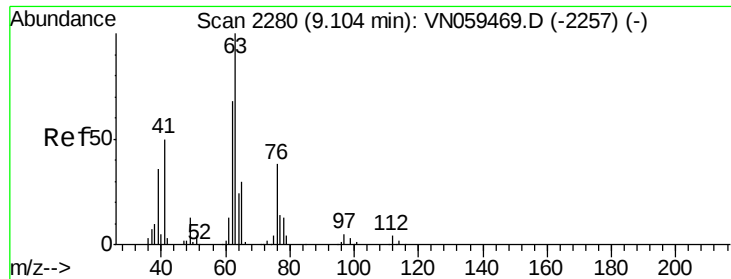
130 100

95 104.3 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.641 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

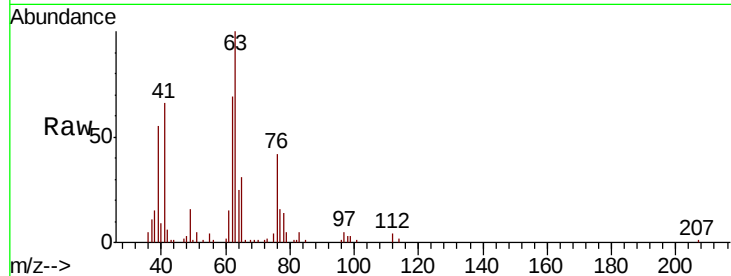
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 62544

Ion Ratio Lower Upper

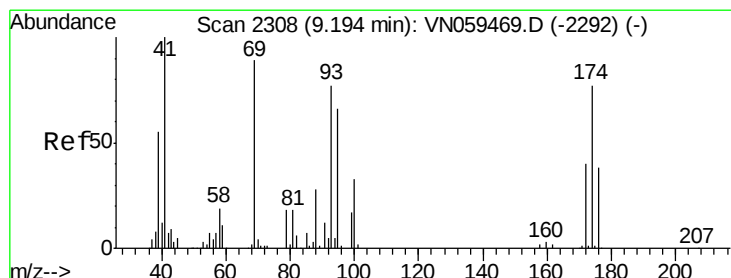
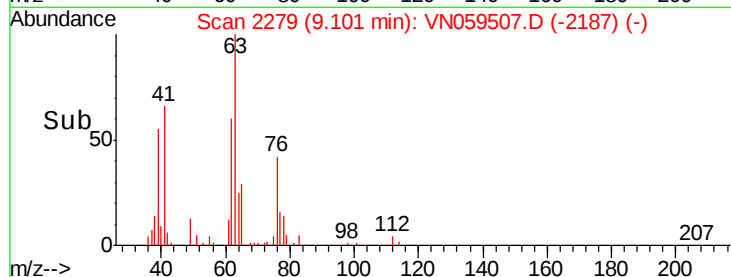
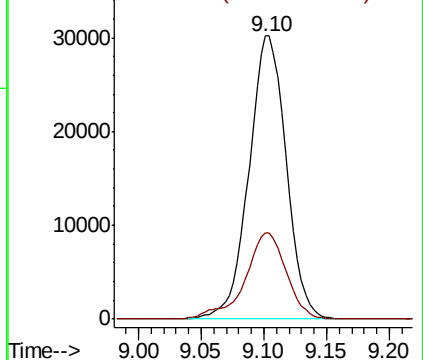
63 100

65 30.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.880 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

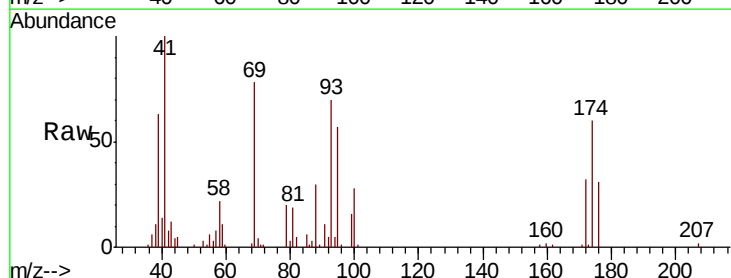
Tgt Ion: 93 Resp: 41277

Ion Ratio Lower Upper

93 100

95 81.4 67.0 100.6

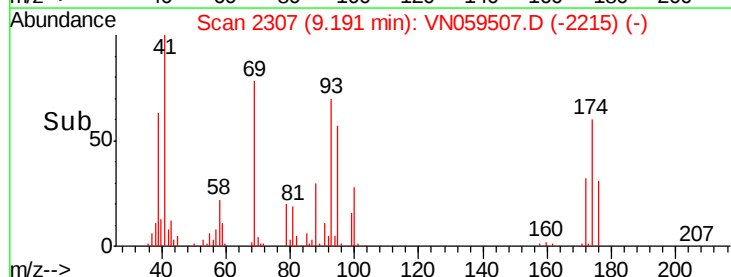
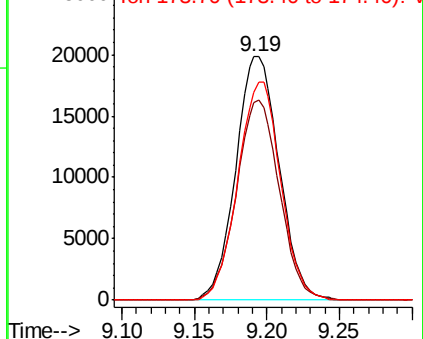
174 88.4 79.6 119.4

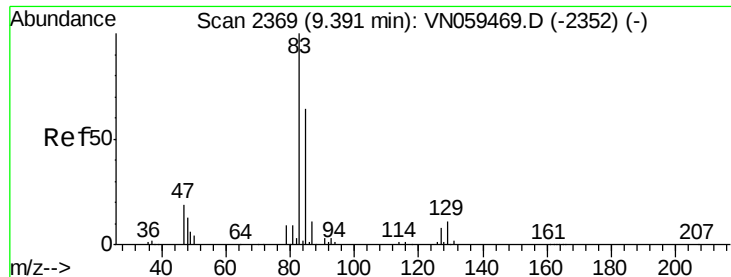


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

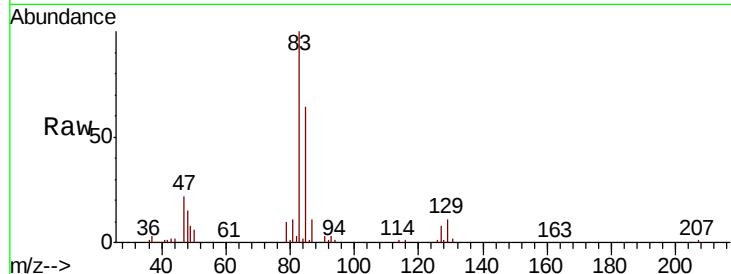




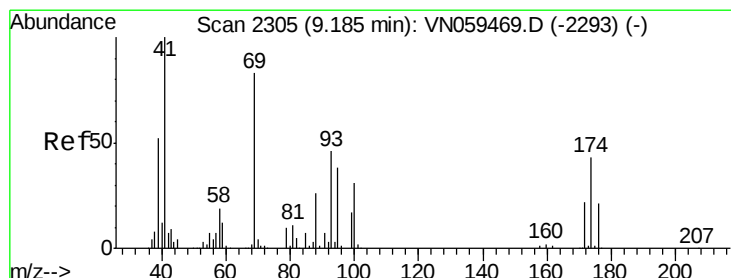
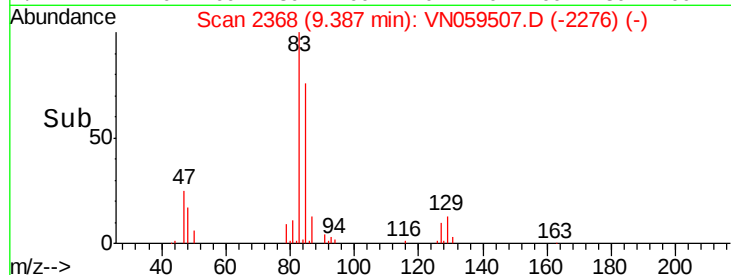
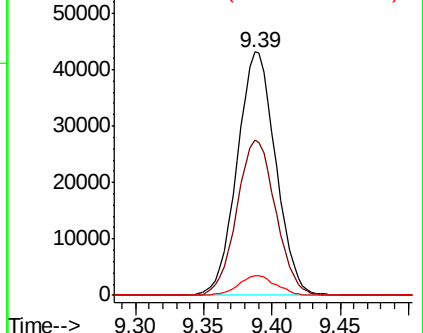
#47
Bromodichloromethane
Concen: 22.354 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 84558
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.6
127 8.2 6.6 9.8

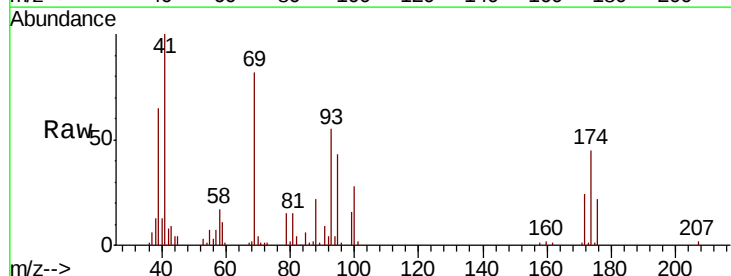


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

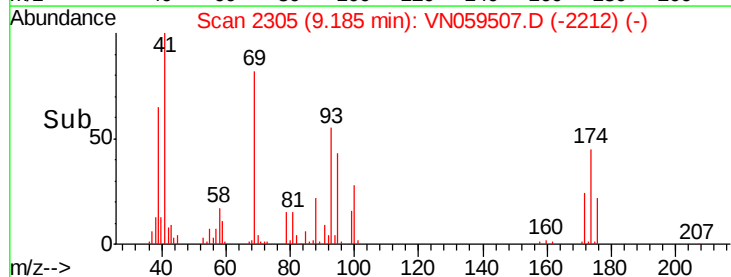
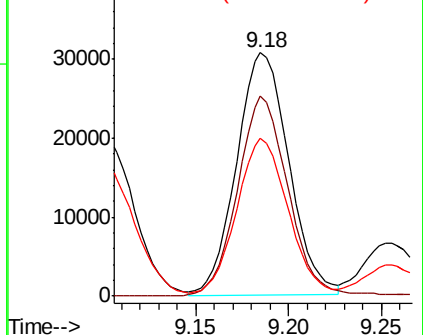


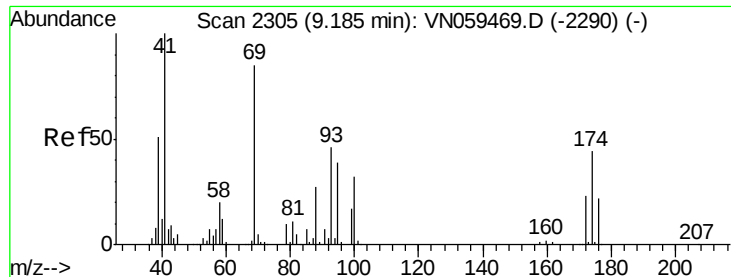
#48
Methyl methacrylate
Concen: 20.790 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 41 Resp: 60352
Ion Ratio Lower Upper
41 100
69 79.6 68.6 103.0
39 63.9 43.2 64.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

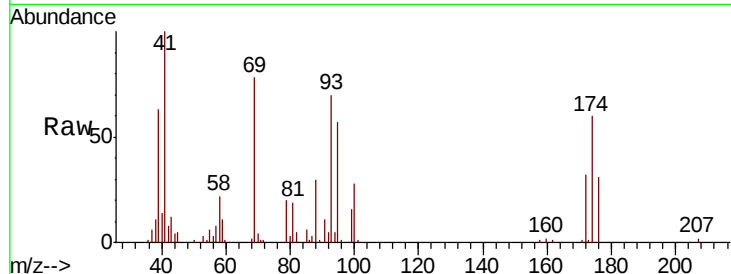




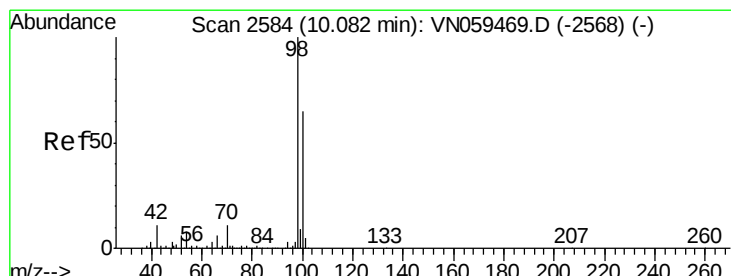
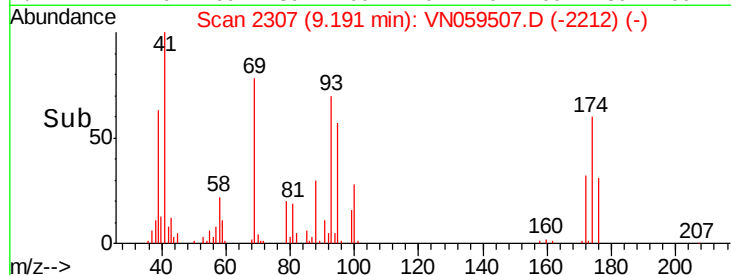
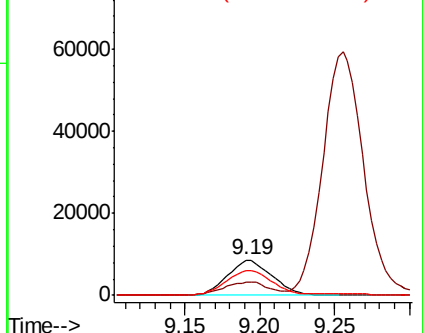
#49
 1,4-Dioxane
 Concen: 409.203 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.01 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 17975
 Ion Ratio Lower Upper
 88 100
 43 38.4 27.1 40.7
 58 72.5 57.8 86.6

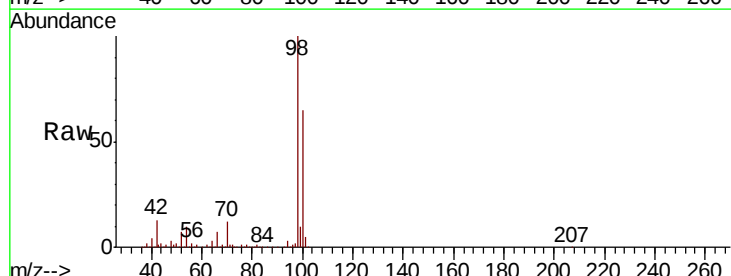


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

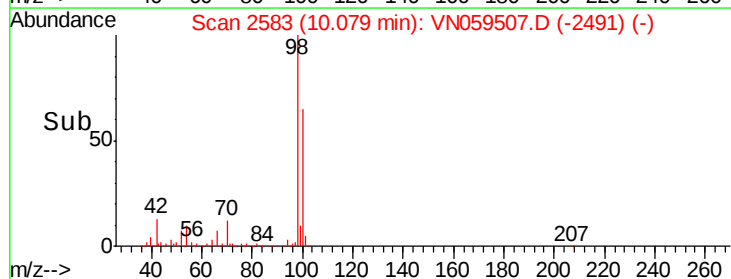
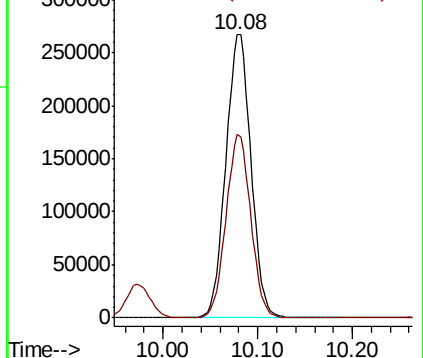


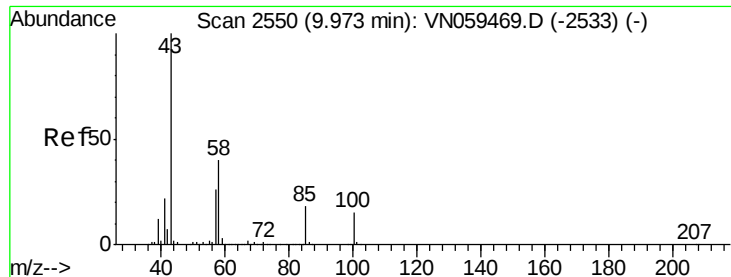
#50
 Toluene-d8
 Concen: 53.905 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion: 98 Resp: 492672
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

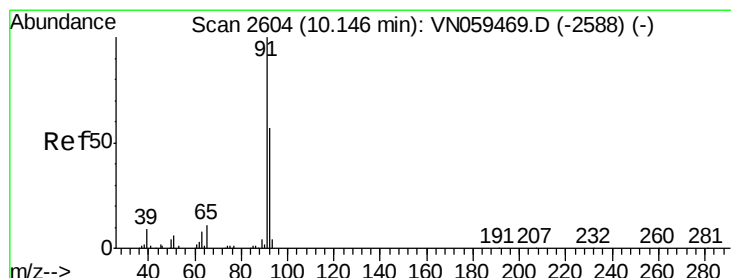
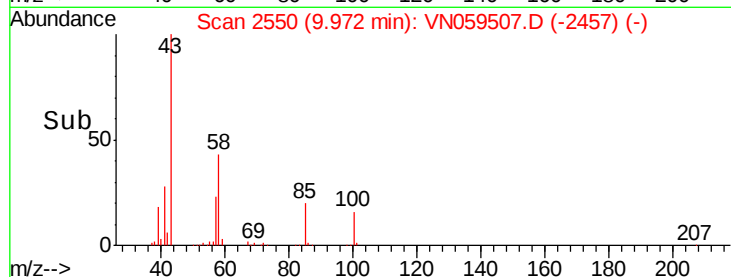
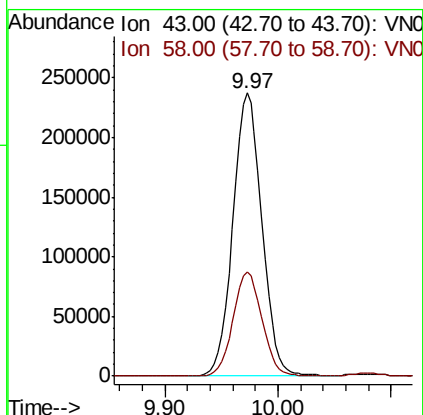
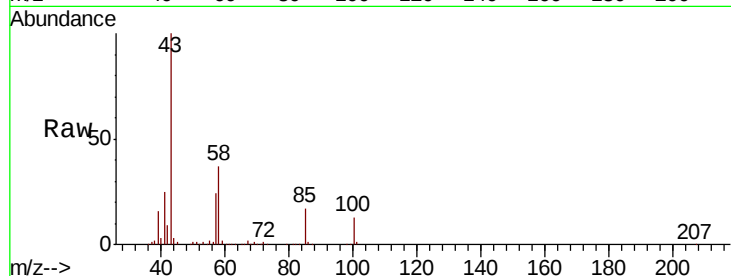




#51
4-Methyl-2-Pentanone
Concen: 110.855 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

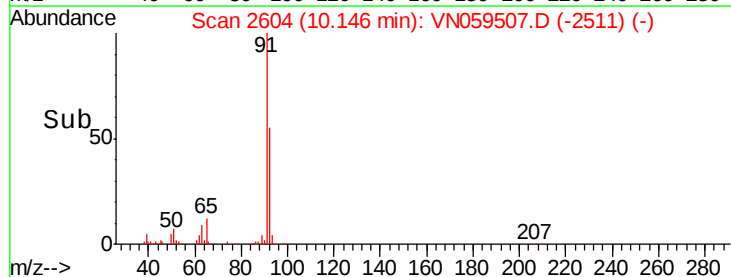
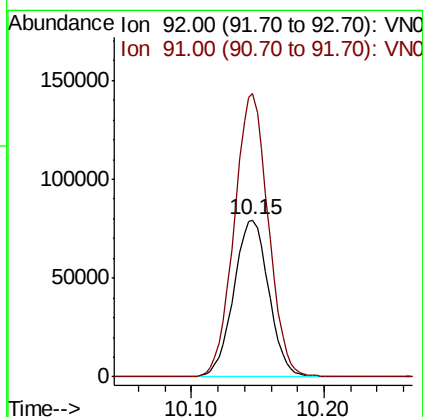
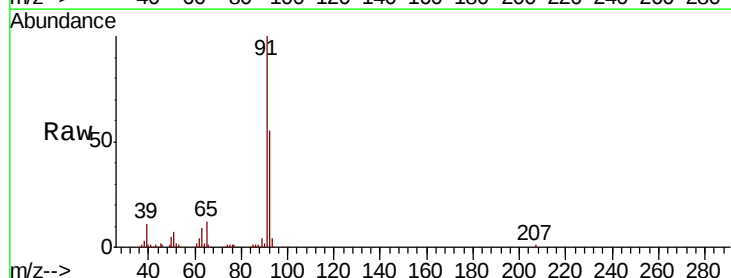
Instrument :
MSVOA_N
ClientSampled :

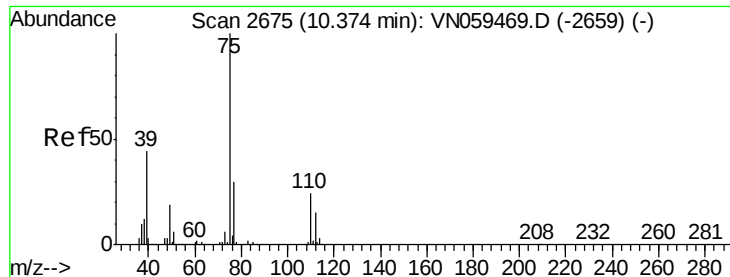
Tot Ion: 43 Resp: 423406
Ion Ratio Lower Upper
43 100
58 36.9 32.1 48.1



#52
Toluene
Concen: 21.238 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 92 Resp: 145680
Ion Ratio Lower Upper
92 100
91 176.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.319 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

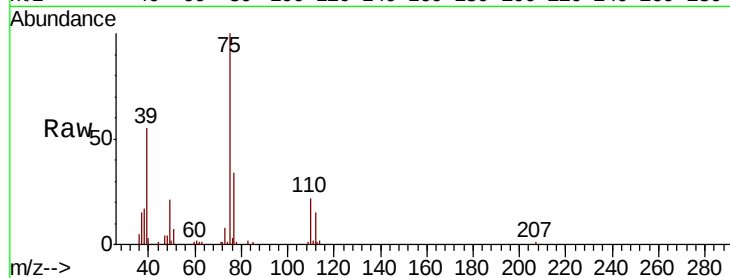
ClientSampleId :

Tot Ion: 75 Resp: 94891

Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

60000

50000

40000

30000

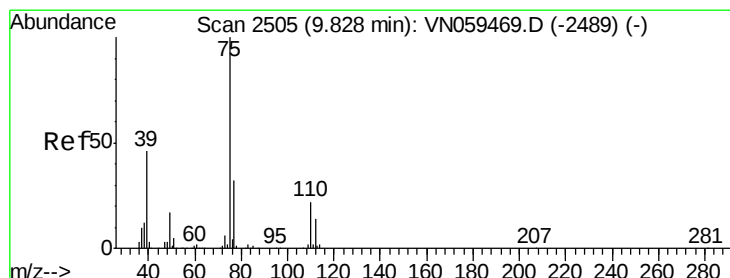
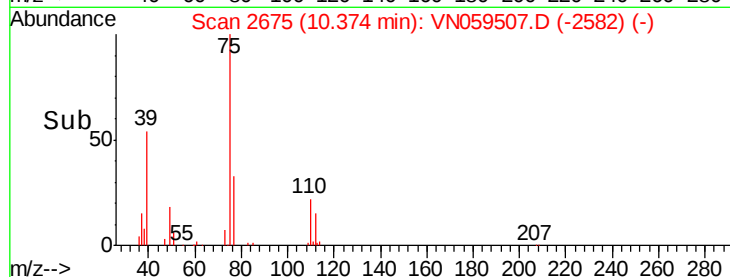
20000

10000

0

10.30 10.35 10.40 10.45

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.747 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

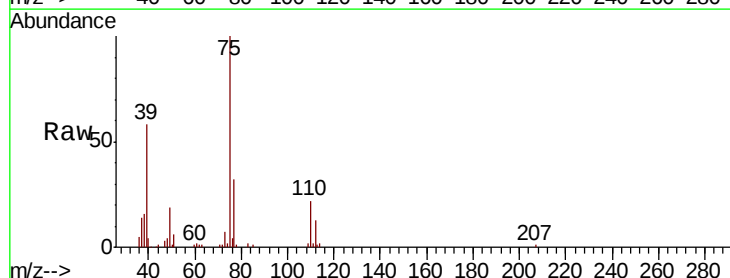
Tgt Ion: 75 Resp: 102600

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 57.3 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

60000

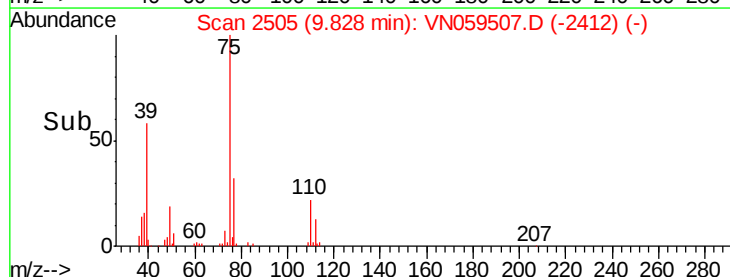
40000

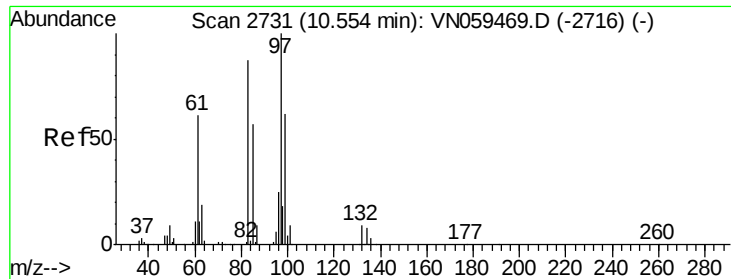
20000

0

9.75 9.80 9.85 9.90

Time-->





#55

1,1,2-Trichloroethane

Concen: 21.923 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 59281

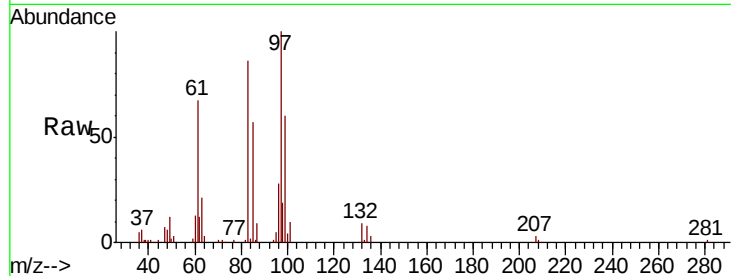
Ion Ratio Lower Upper

97 100

83 86.3 69.8 104.8

85 56.5 45.5 68.3

99 59.5 50.0 75.0

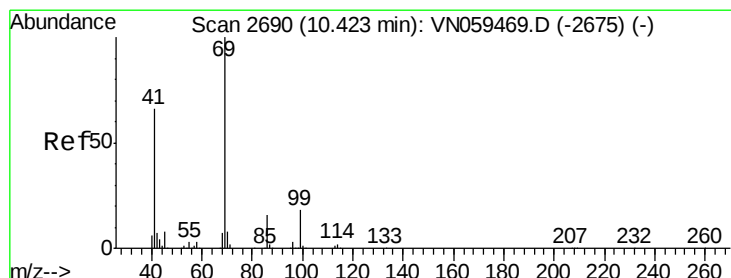
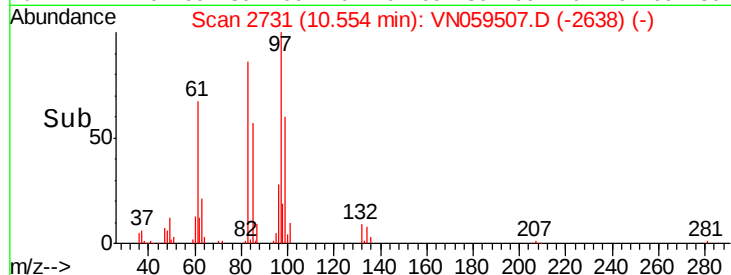
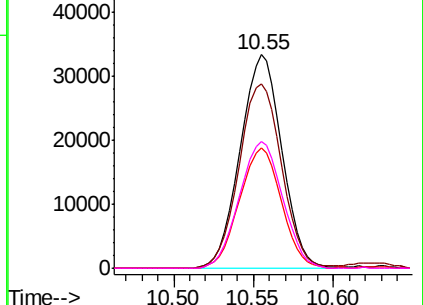


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.913 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

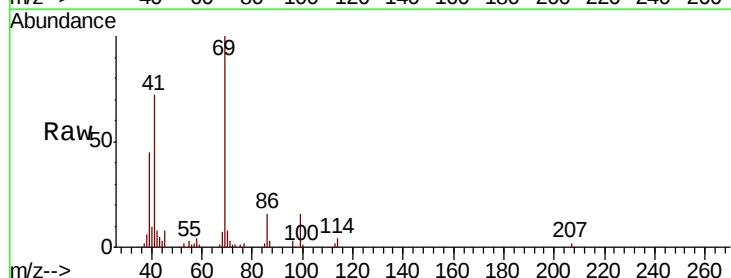
Tgt Ion: 69 Resp: 78727

Ion Ratio Lower Upper

69 100

41 73.3 52.7 79.1

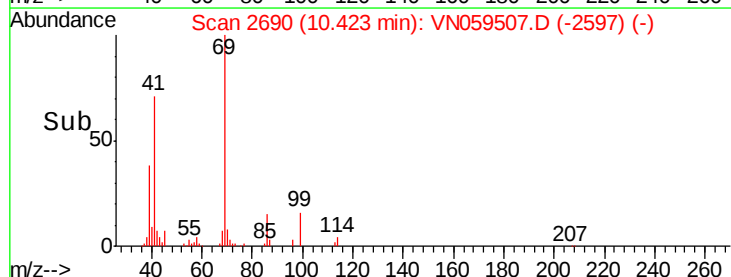
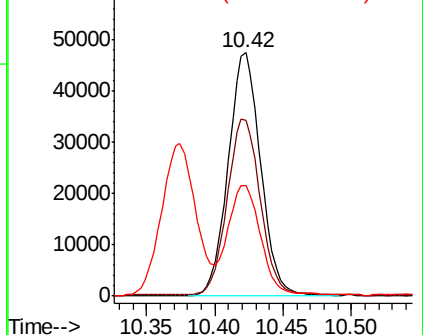
39 45.6 25.0 37.6#

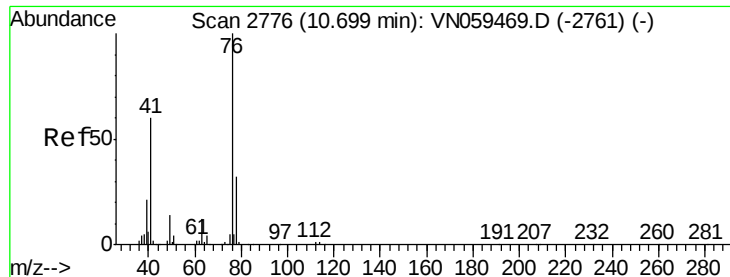


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.804 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

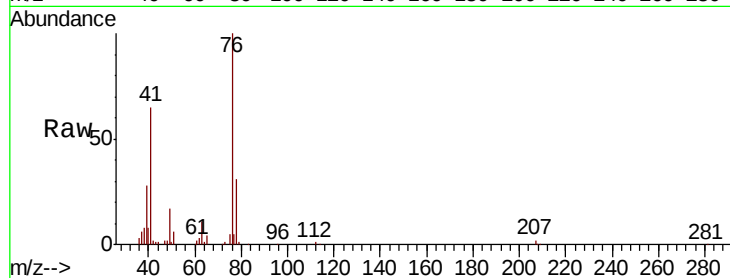
ClientSampleId :

Tot Ion: 76 Resp: 101956

Ion Ratio Lower Upper

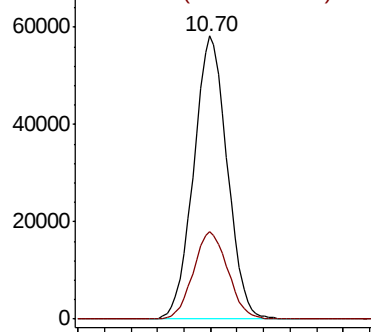
76 100

78 31.8 25.8 38.8

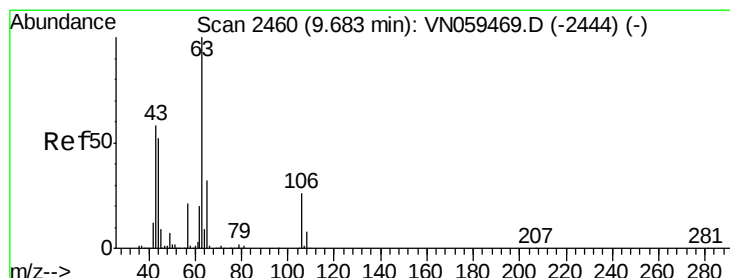
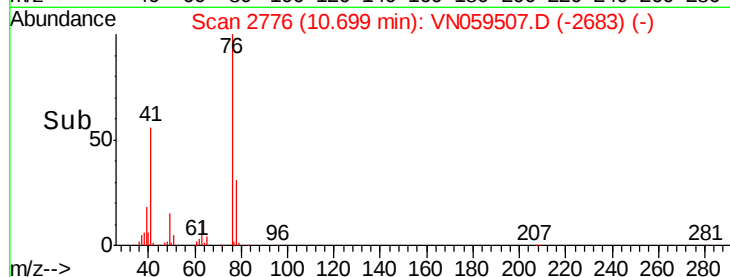


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 97.127 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059507.D

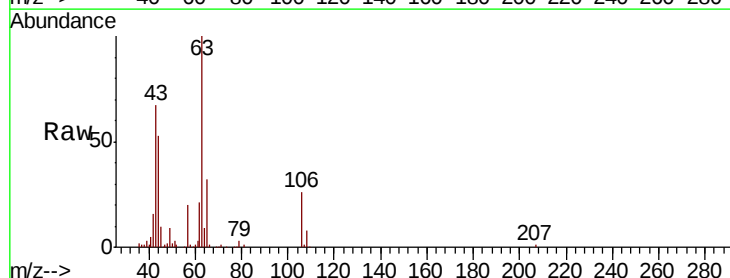
Acq: 6 Dec 2019 11:56

Tgt Ion: 63 Resp: 129611

Ion Ratio Lower Upper

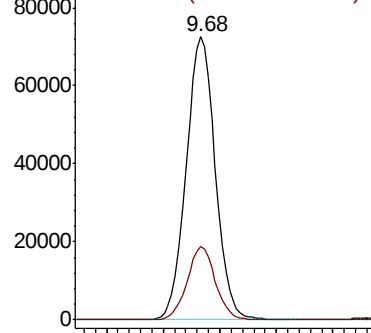
63 100

106 25.1 20.4 30.6

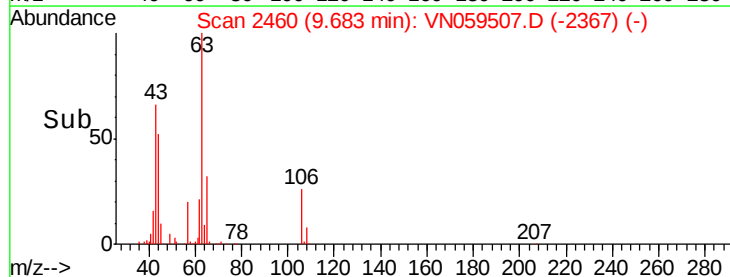


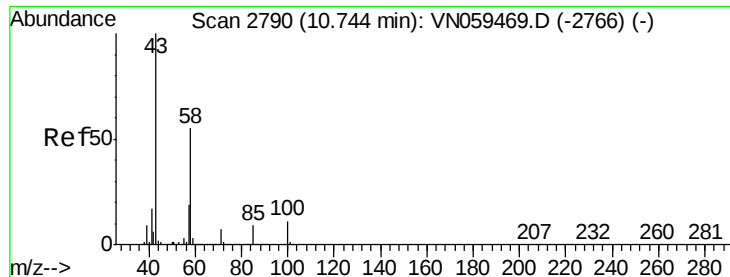
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time--> 9.60 9.65 9.70 9.75 9.80

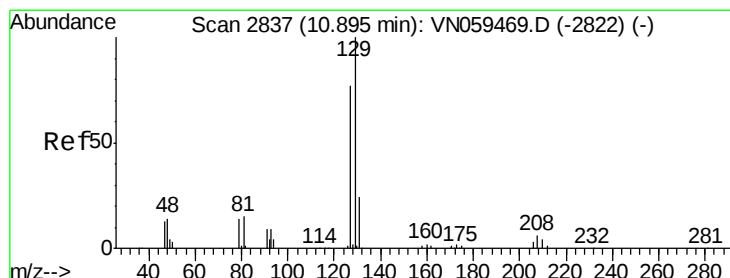
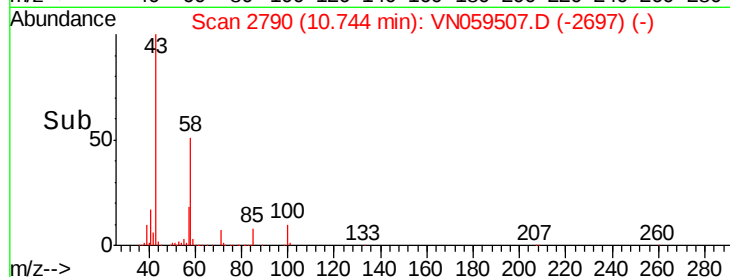
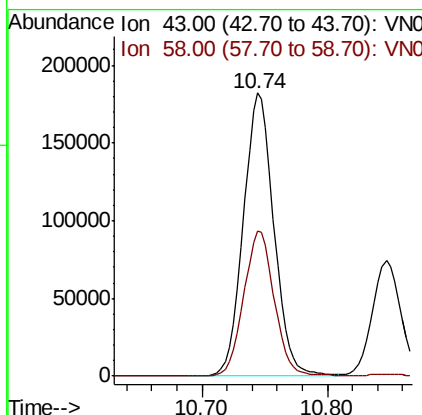
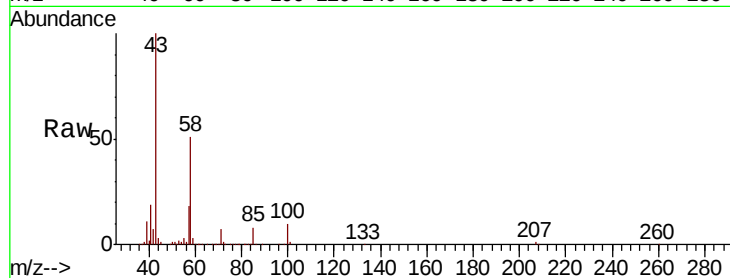




#59
2-Hexanone
Concen: 107.385 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

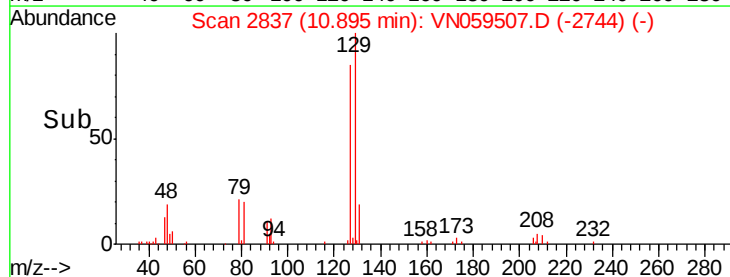
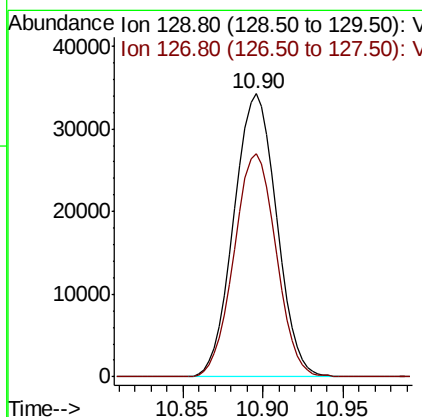
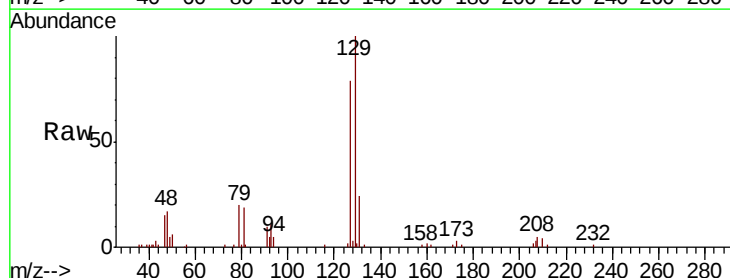
Instrument :
MSVOA_N
ClientSampled :

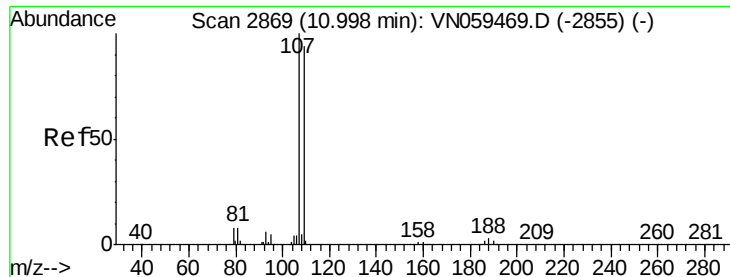
Tot Ion: 43 Resp: 308669
Ion Ratio Lower Upper
43 100
58 51.4 27.7 83.0



#60
Dibromochloromethane
Concen: 21.667 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 129 Resp: 62557
Ion Ratio Lower Upper
129 100
127 77.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 21.625 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

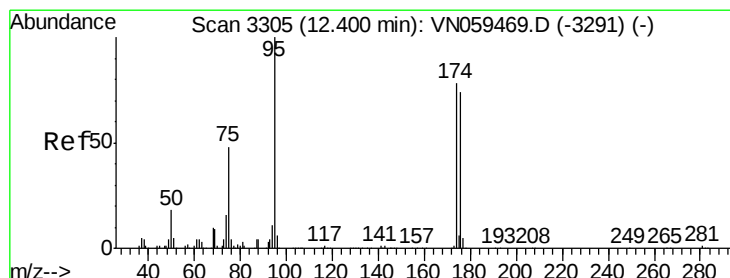
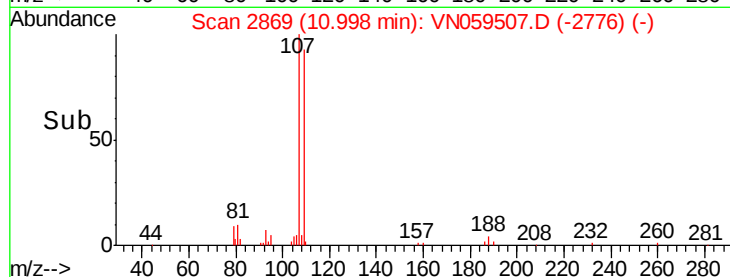
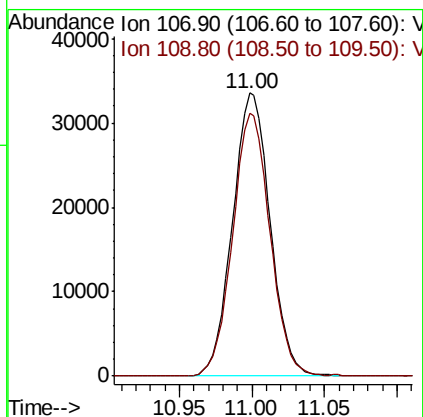
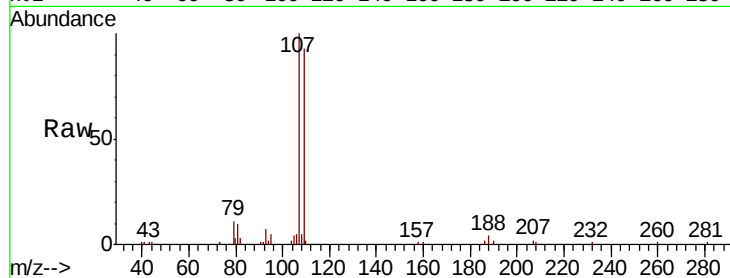
ClientSampled :

Tot Ion:107 Resp: 60421

Ion Ratio Lower Upper

107 100

109 92.3 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 55.045 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

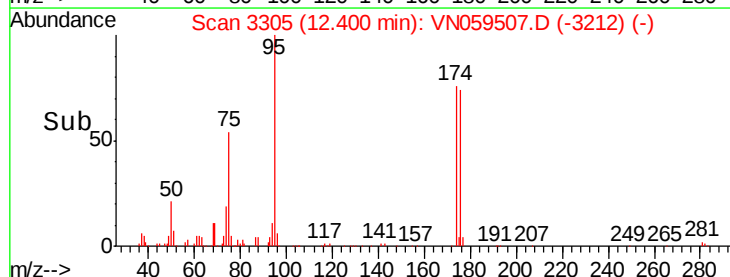
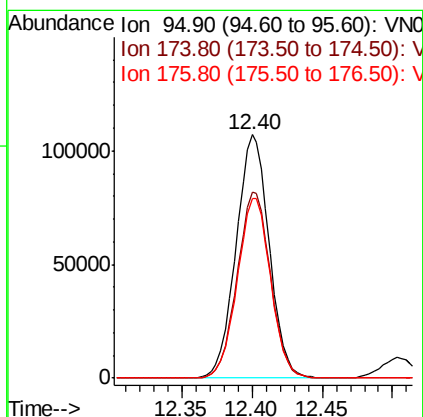
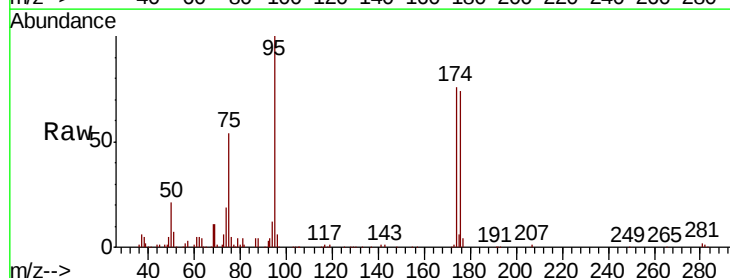
Tgt Ion: 95 Resp: 175696

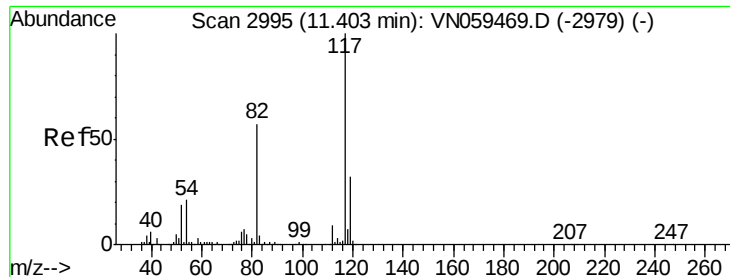
Ion Ratio Lower Upper

95 100

174 76.9 0.0 157.0

176 74.5 0.0 152.4

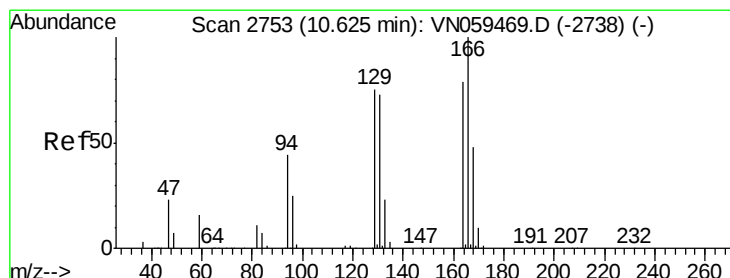
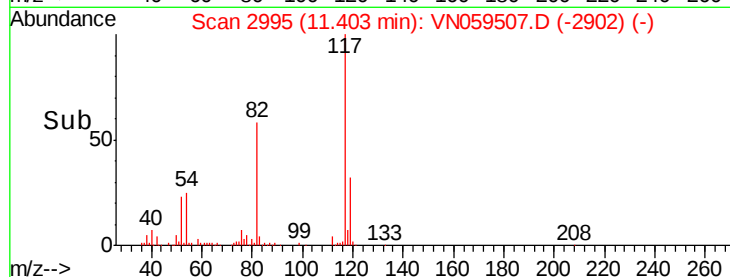
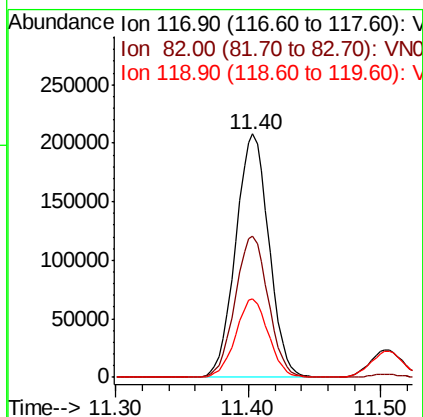
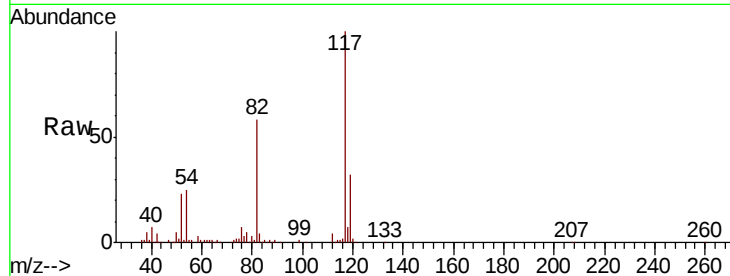




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

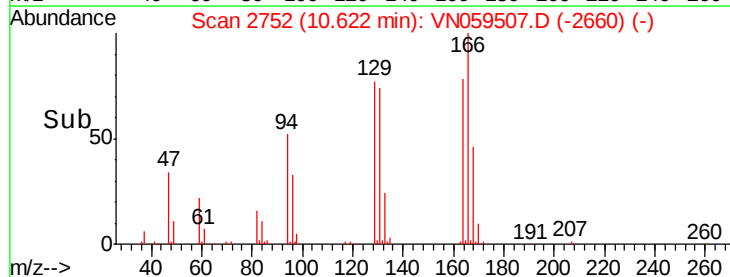
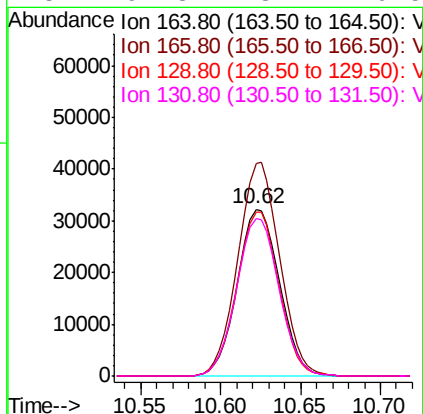
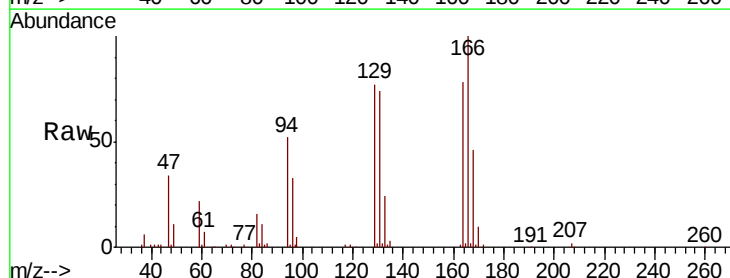
Instrument :
MSVOA_N
ClientSampled :

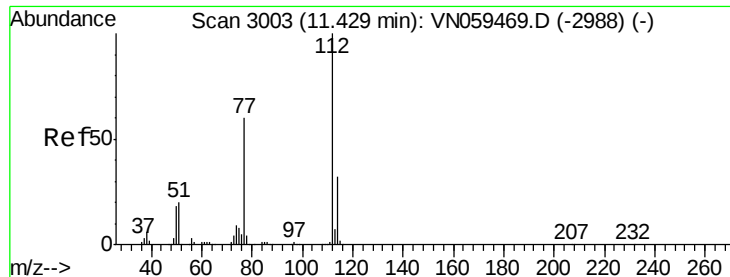
Tot Ion:117 Resp: 361962
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.8
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 18.795 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion:164 Resp: 57868
Ion Ratio Lower Upper
164 100
166 127.5 101.2 151.8
129 98.2 76.1 114.1
131 94.3 73.7 110.5

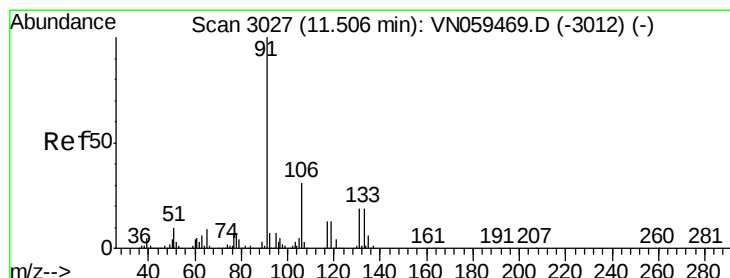
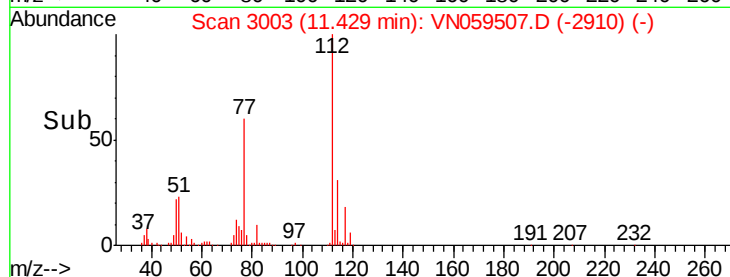
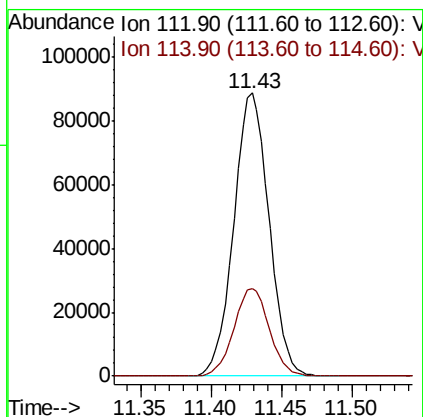
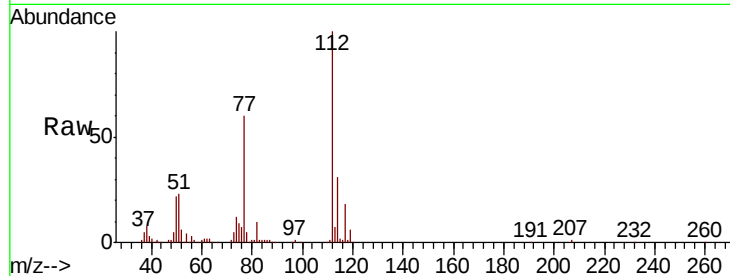




#65
Chlorobenzene
Concen: 19.600 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

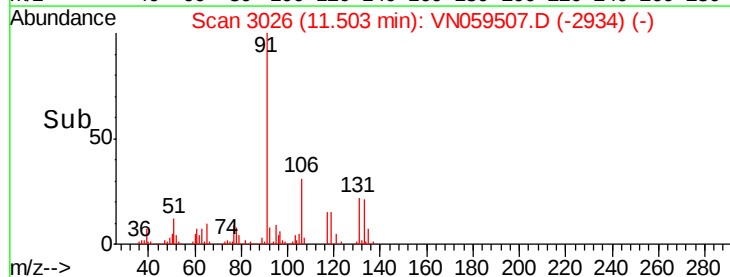
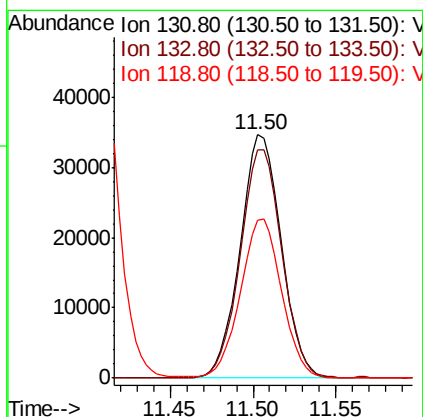
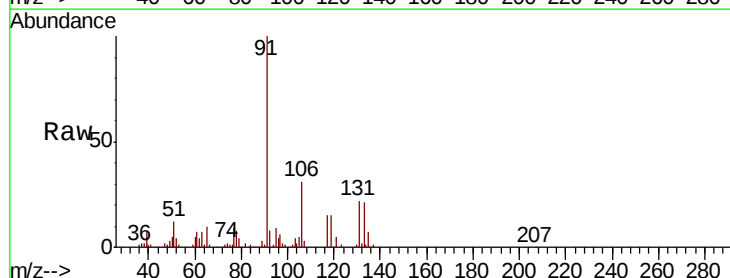
Instrument :
MSVOA_N
ClientSampleId :

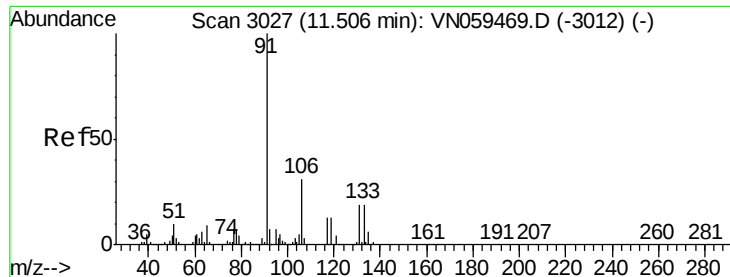
Tot Ion:112 Resp: 155093
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.998 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion:131 Resp: 59702
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 65.6 33.9 101.6

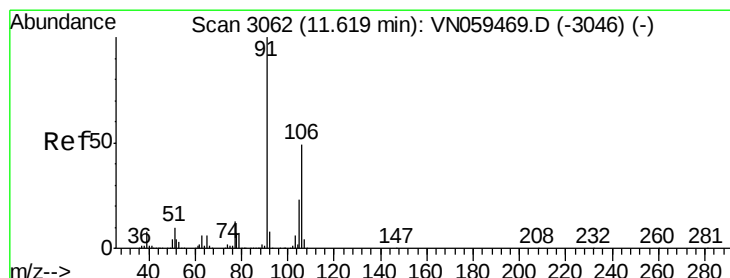
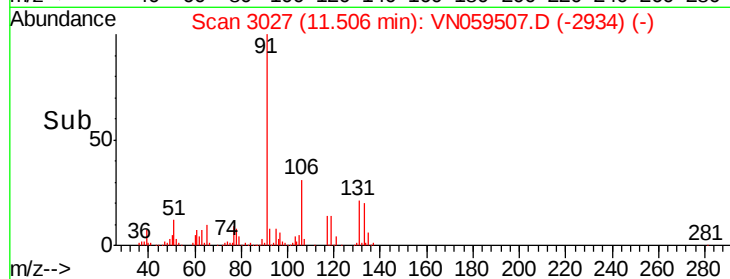
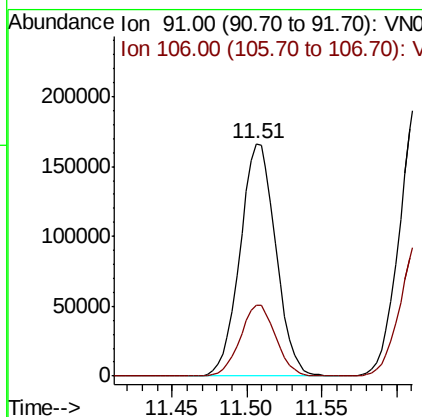
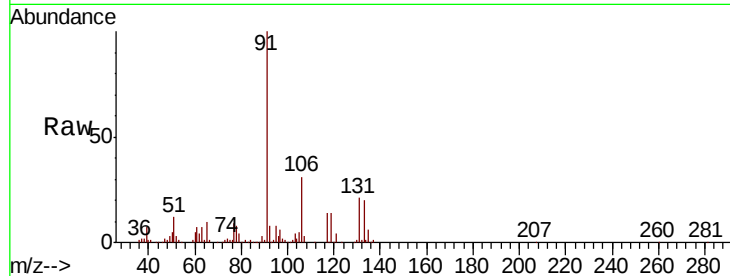




#67
Ethyl Benzene
Concen: 19.938 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

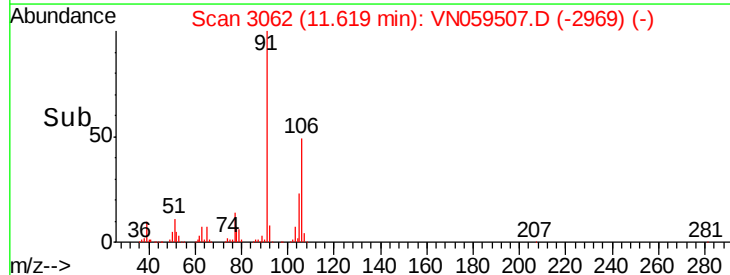
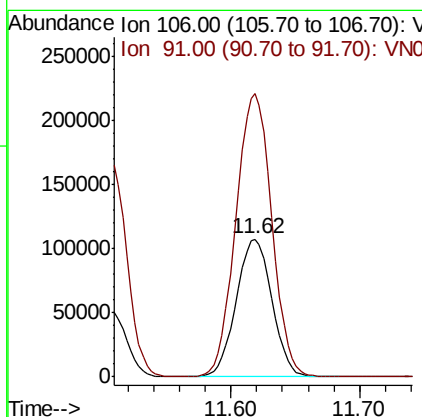
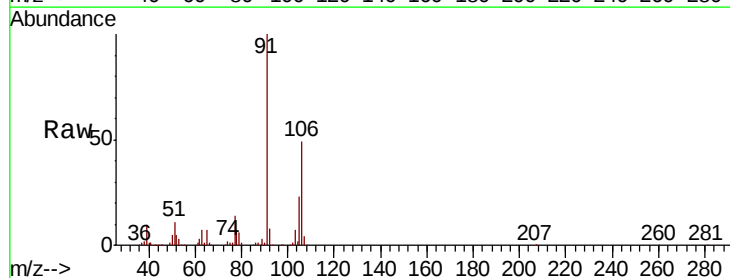
Instrument :
MSVOA_N
ClientSampled :

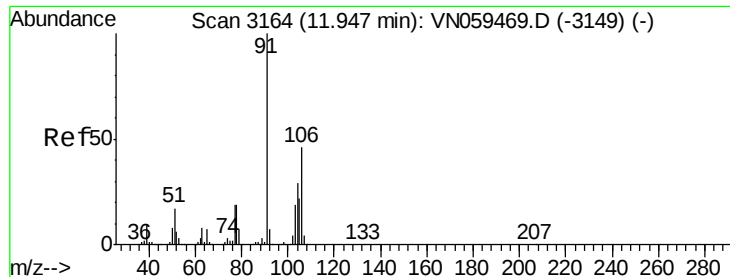
Tot Ion: 91 Resp: 276412
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1



#68
m/p-Xylenes
Concen: 40.139 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 106 Resp: 207209
Ion Ratio Lower Upper
106 100
91 206.0 162.2 243.4

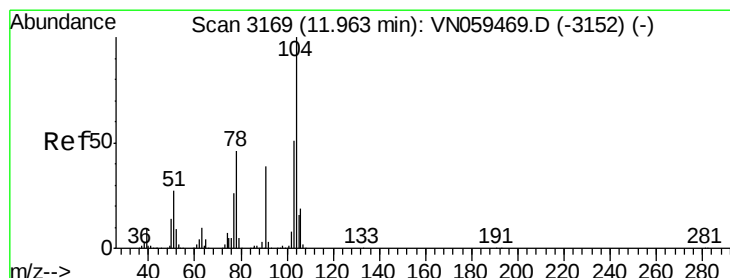
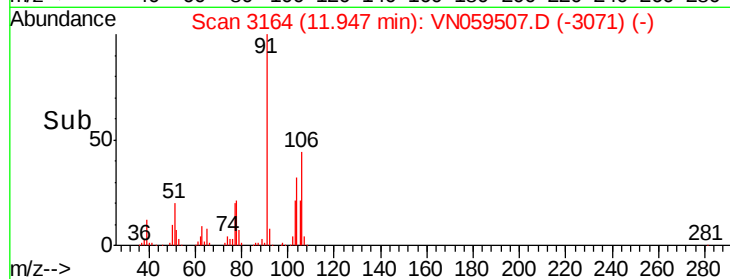
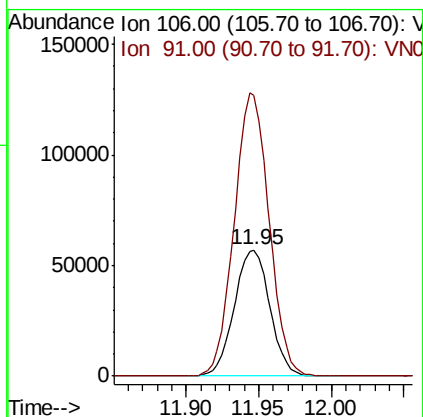
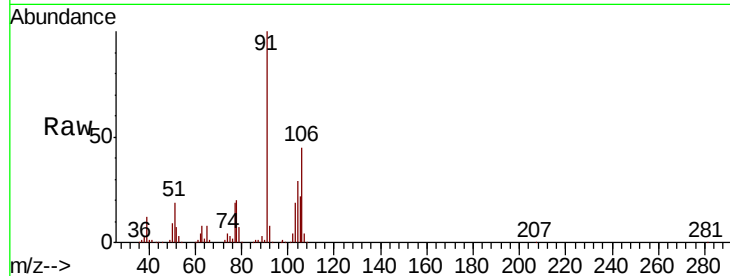




#69
o-Xylene
Concen: 19.790 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

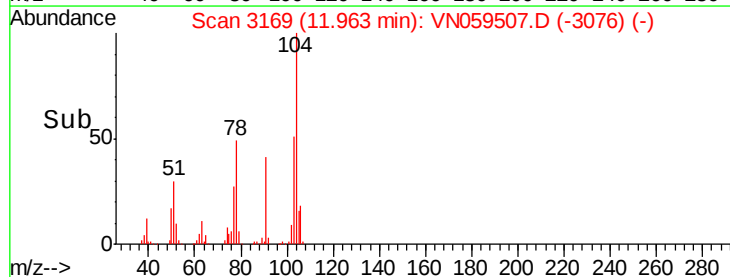
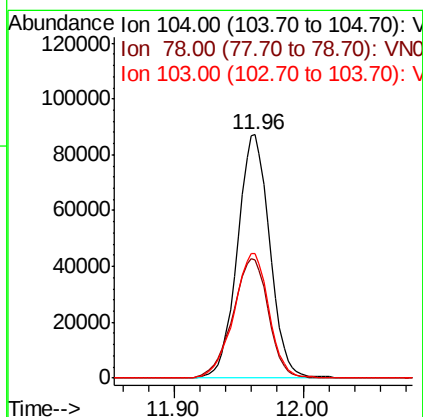
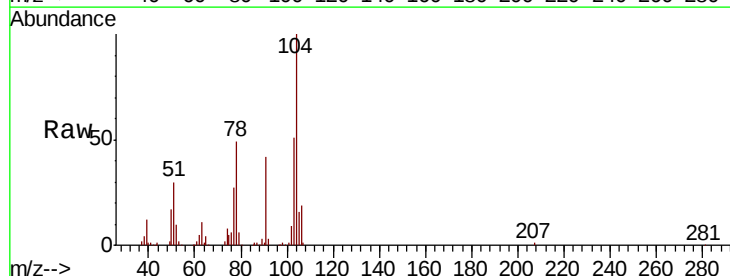
Instrument :
MSVOA_N
ClientSampled :

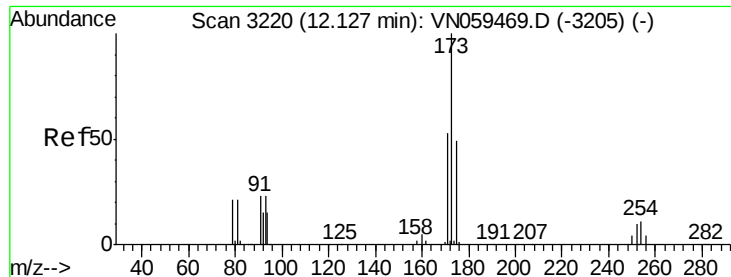
Tot Ion:106 Resp: 97259
Ion Ratio Lower Upper
106 100
91 220.0 108.5 325.3



#70
Styrene
Concen: 19.412 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion:104 Resp: 152296
Ion Ratio Lower Upper
104 100
78 54.0 41.0 61.4
103 55.4 44.7 67.1





#71

Bromoform

Concen: 19.599 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

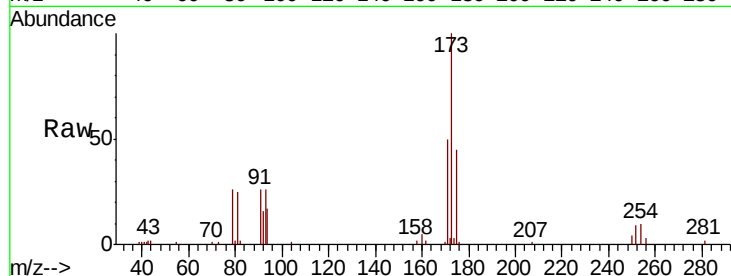
Tot Ion:173 Resp: 43437

Ion Ratio Lower Upper

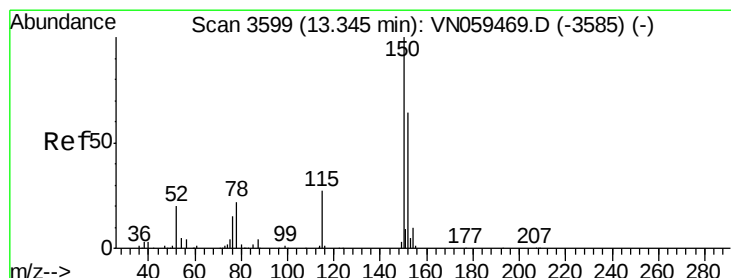
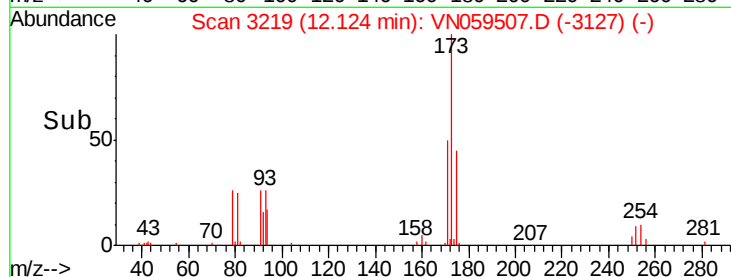
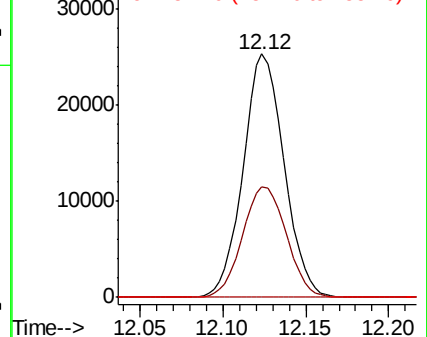
173 100

175 48.3 24.3 73.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

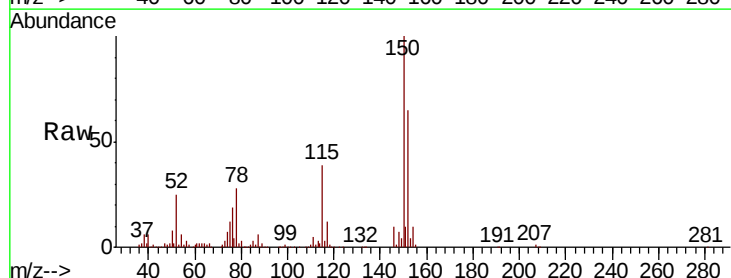
Tgt Ion:152 Resp: 170935

Ion Ratio Lower Upper

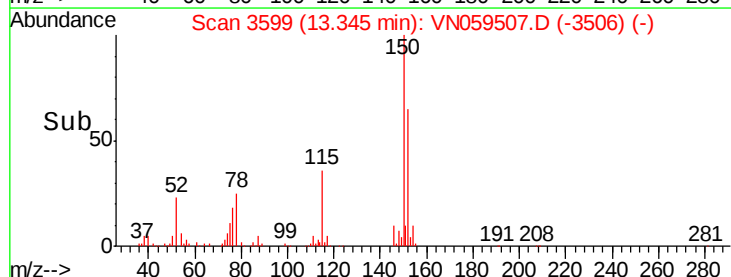
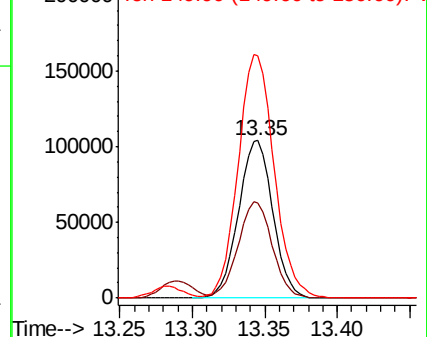
152 100

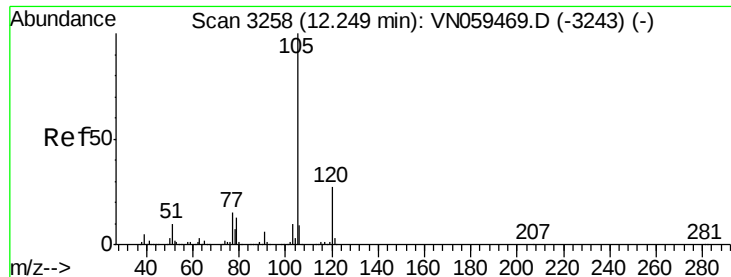
115 61.2 29.2 87.6

150 161.8 0.0 352.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.215 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

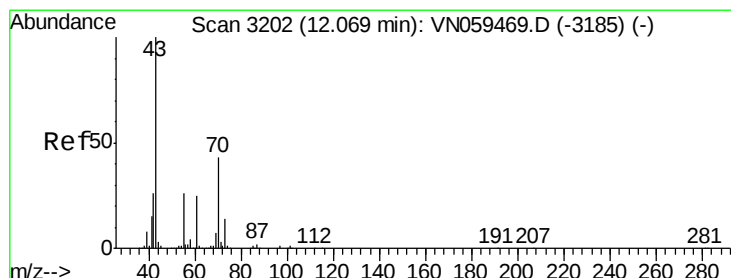
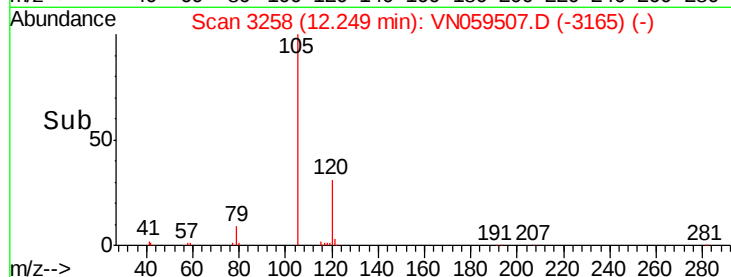
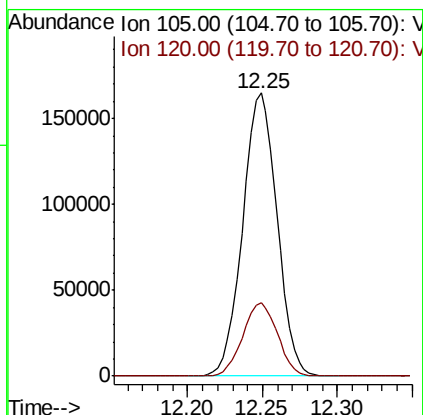
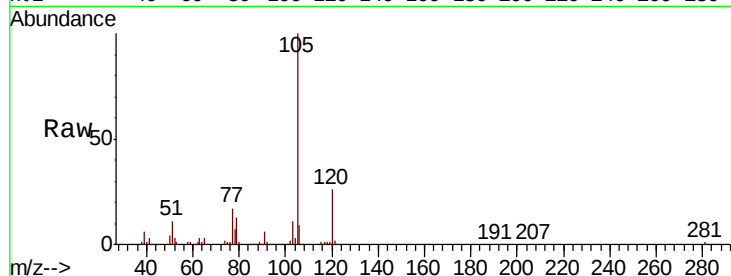
ClientSampled :

Tot Ion: 105 Resp: 263411

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 18.899 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion: 43 Resp: 104351

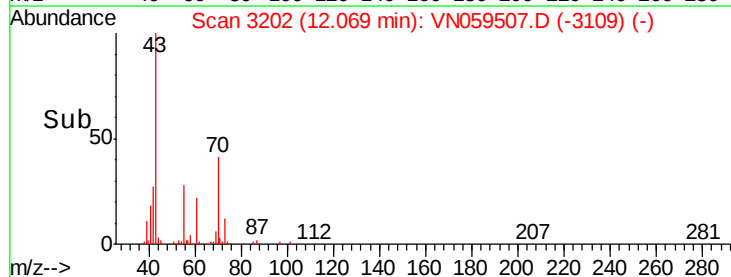
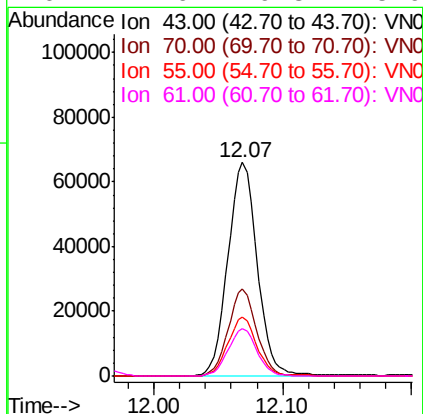
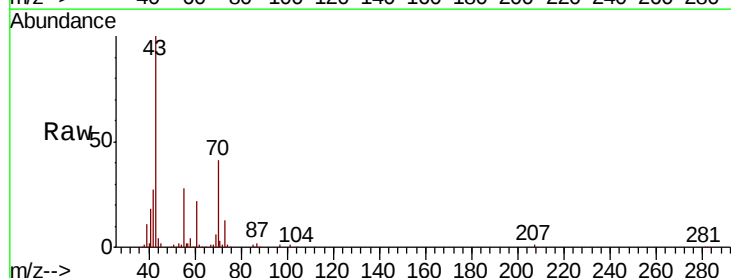
Ion Ratio Lower Upper

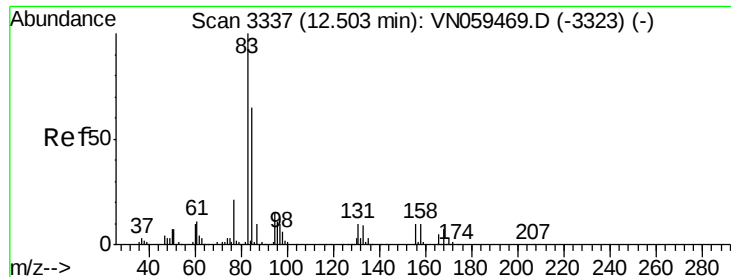
43 100

70 39.4 34.2 51.2

55 27.0 20.6 31.0

61 21.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.127 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

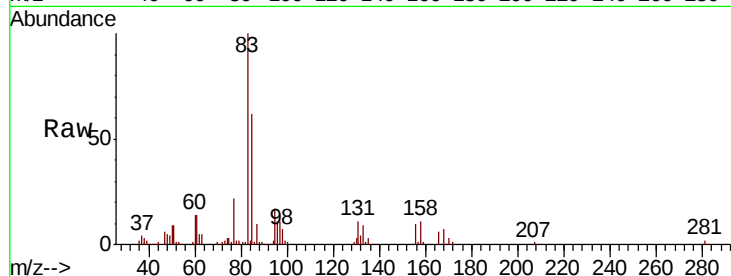
Tot Ion: 83 Resp: 88505

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

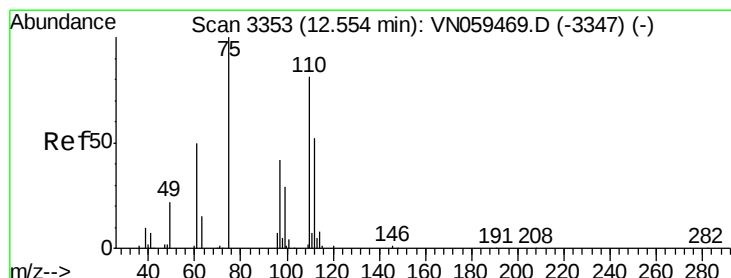
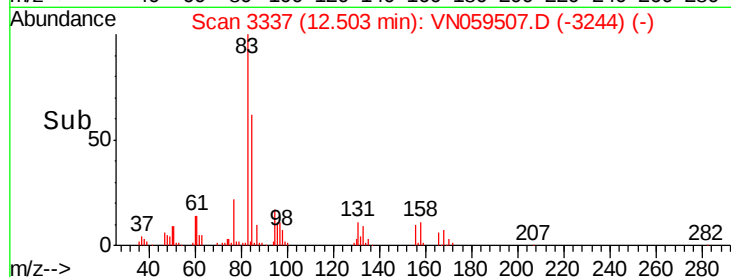
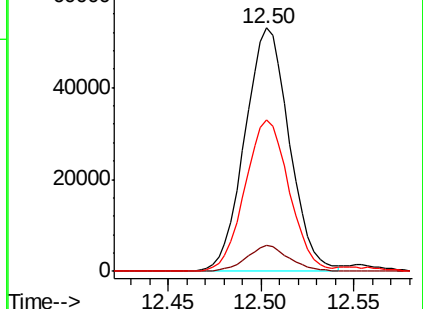
85 61.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN059507.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059507.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059507.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 28.412 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN059507.D

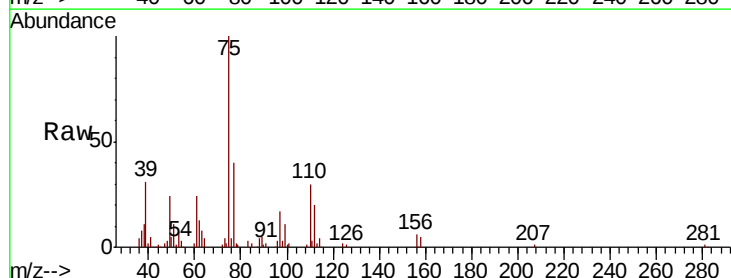
Acq: 6 Dec 2019 11:56

Tgt Ion: 75 Resp: 120754

Ion Ratio Lower Upper

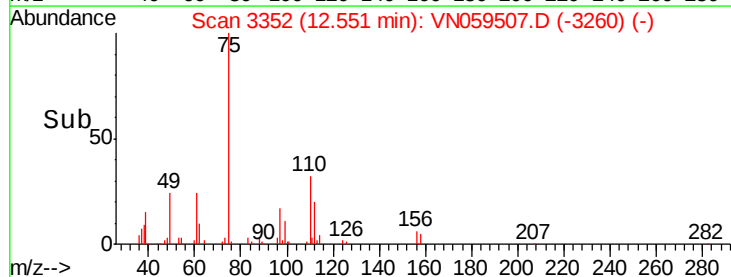
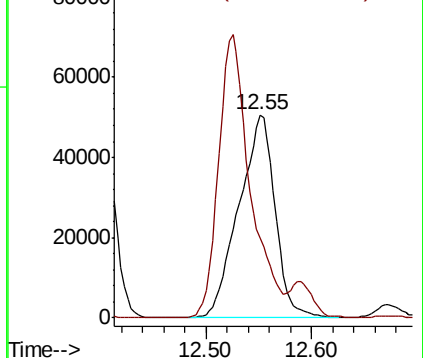
75 100

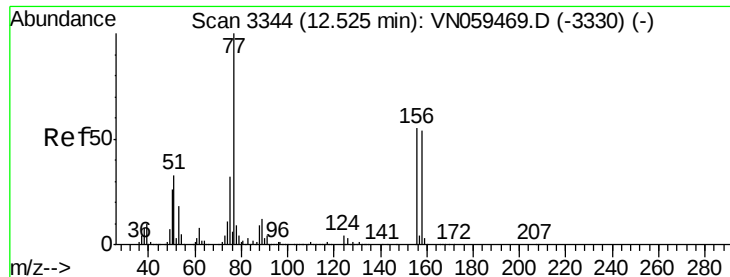
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059507.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059507.D (-3260) (-)





#77

Bromobenzene

Concen: 18.659 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

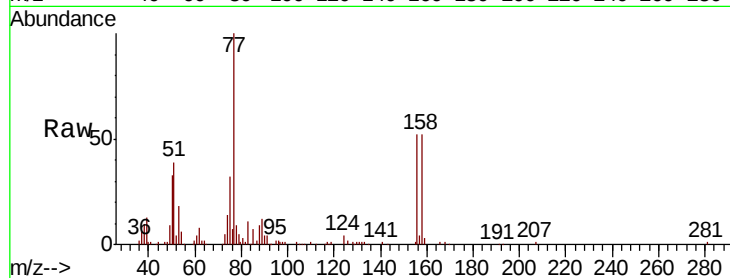
Tot Ion:156 Resp: 63920

Ion Ratio Lower Upper

156 100

77 229.7 110.3 331.0

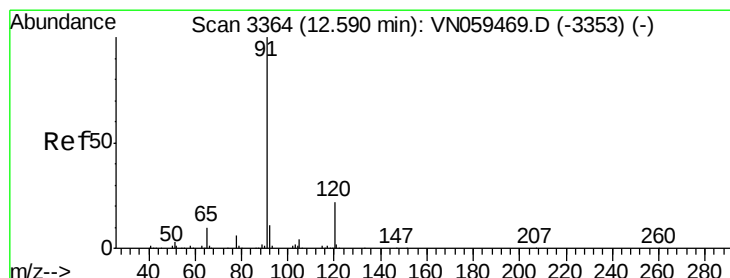
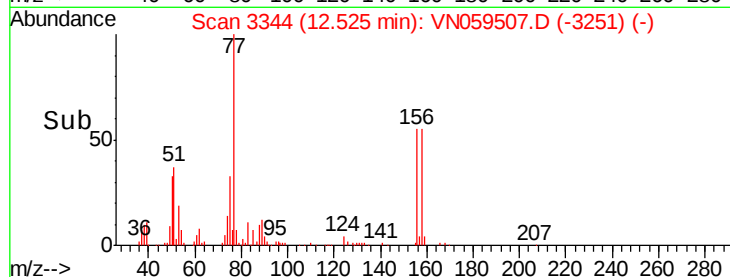
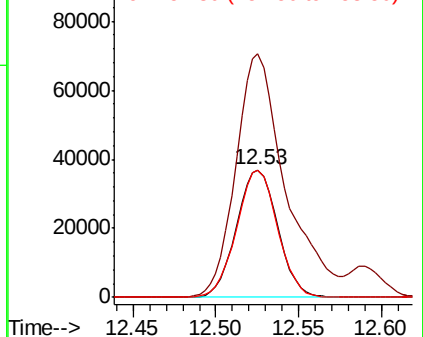
158 98.5 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.110 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059507.D

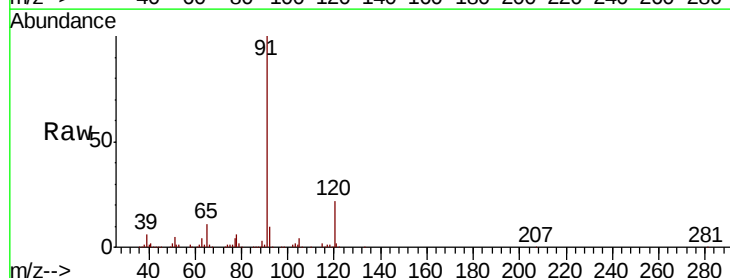
Acq: 6 Dec 2019 11:56

Tgt Ion: 91 Resp: 320807

Ion Ratio Lower Upper

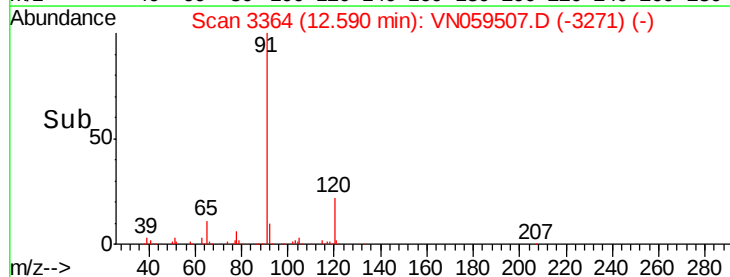
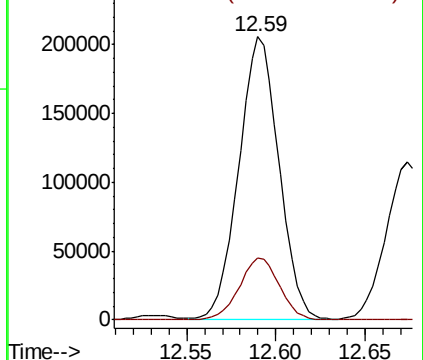
91 100

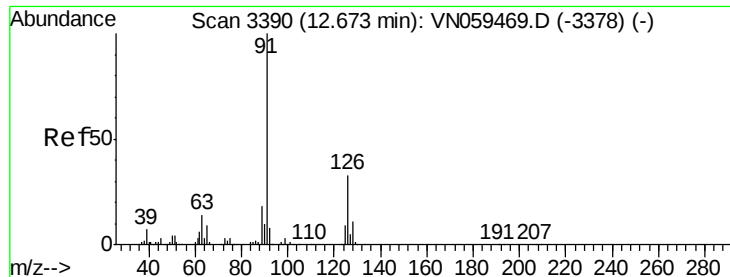
120 22.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.601 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

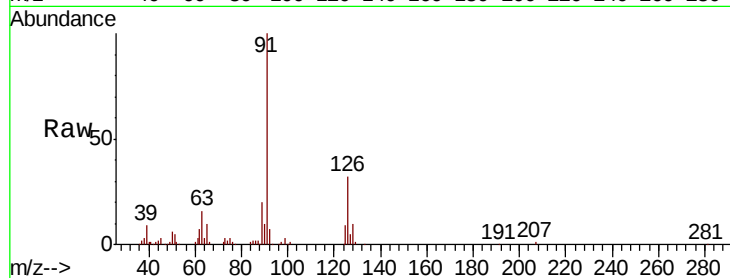
ClientSampleId :

Tot Ion: 91 Resp: 188500

Ion Ratio Lower Upper

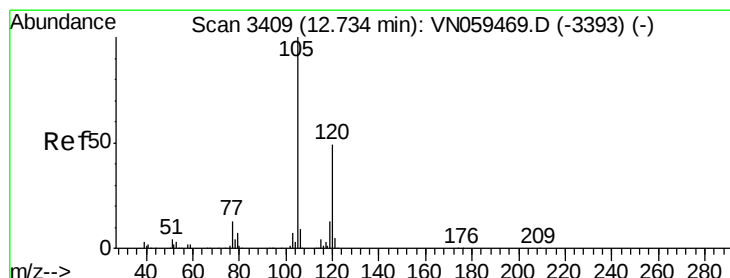
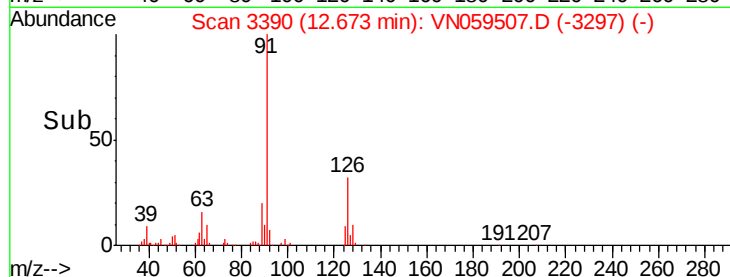
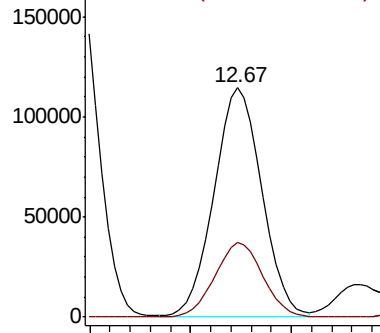
91 100

126 33.0 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.858 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059507.D

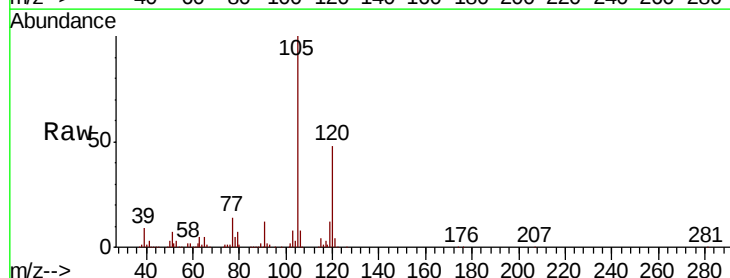
Acq: 6 Dec 2019 11:56

Tgt Ion:105 Resp: 227498

Ion Ratio Lower Upper

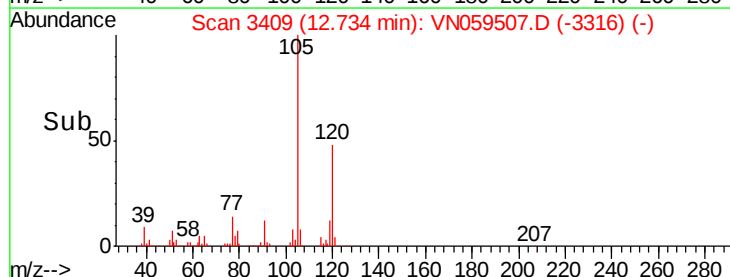
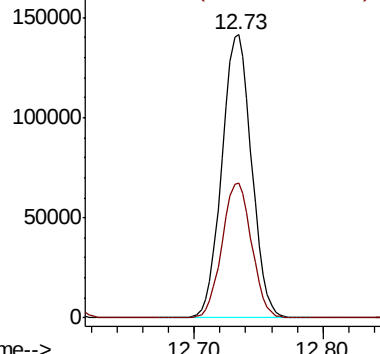
105 100

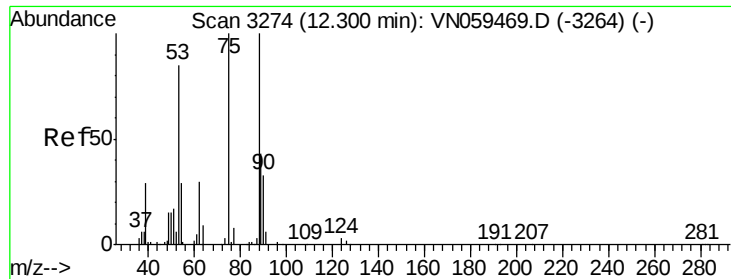
120 47.5 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

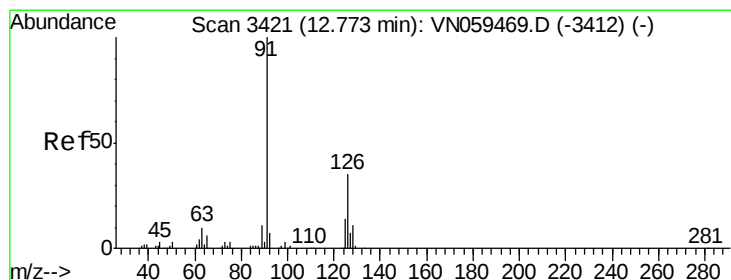
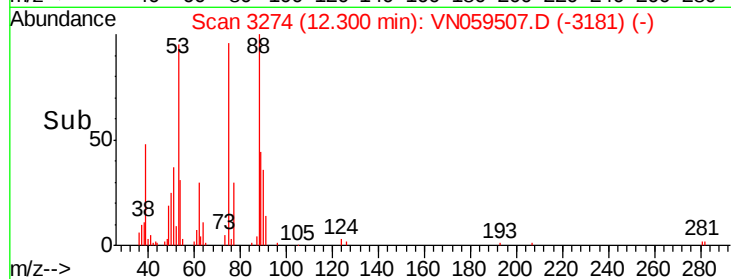
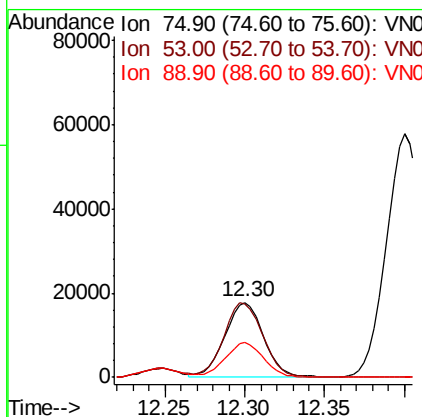
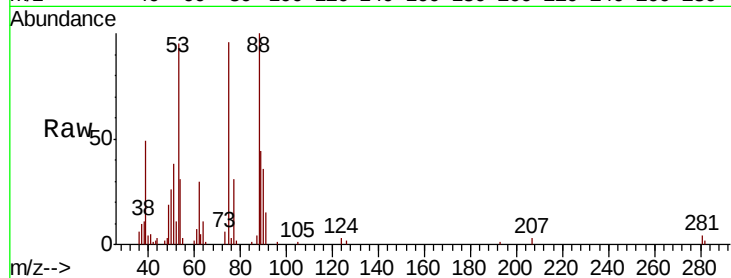




#81
trans-1,4-Dichloro-2-butene
Concen: 18.241 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

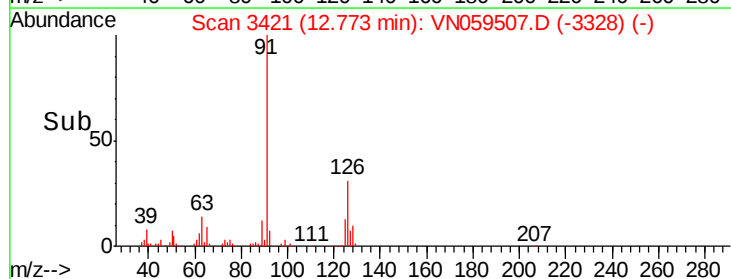
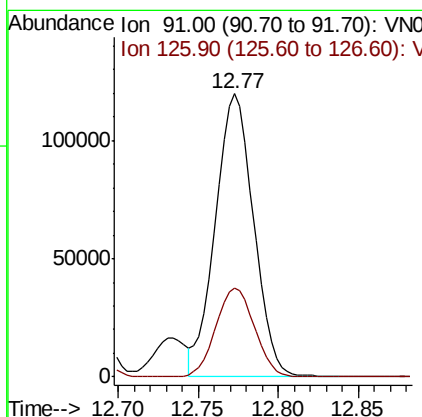
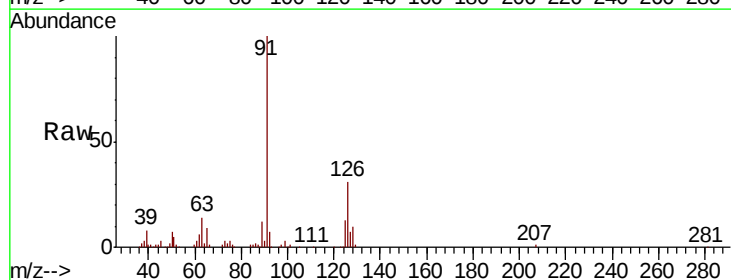
Instrument :
MSVOA_N
ClientSampleId :

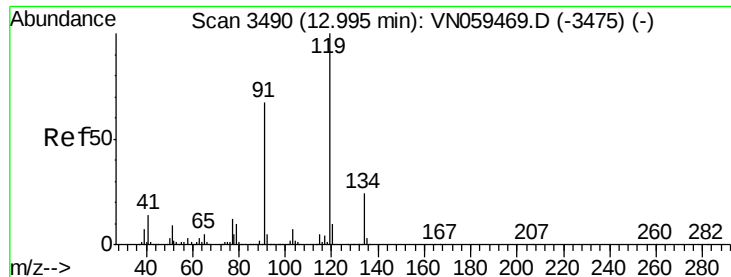
Tot Ion: 75 Resp: 29542
Ion Ratio Lower Upper
75 100
53 99.9 69.8 104.6
89 45.4 35.2 52.8



#82
4-Chlorotoluene
Concen: 19.799 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 91 Resp: 196447
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.2

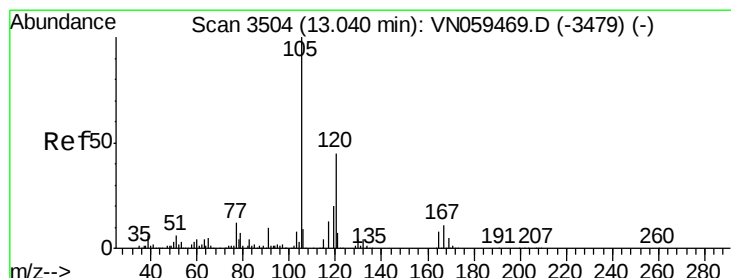
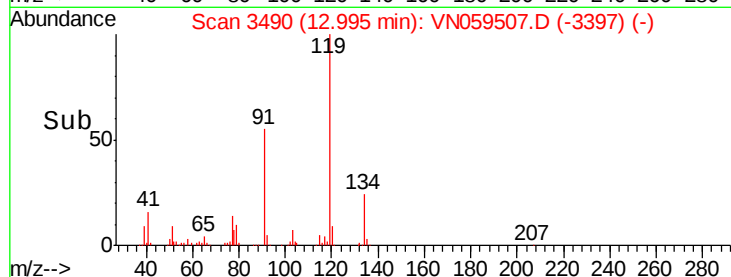
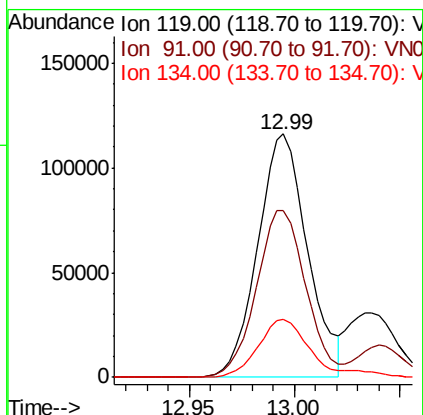
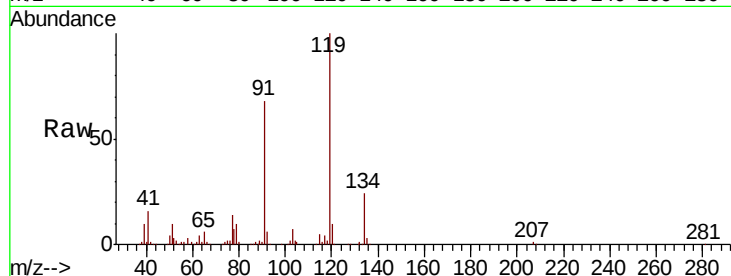




#83
tert-Butylbenzene
Concen: 19.169 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

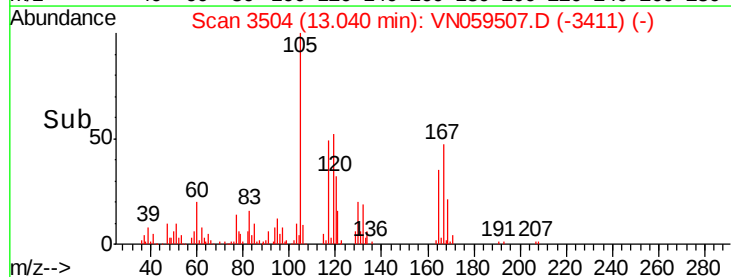
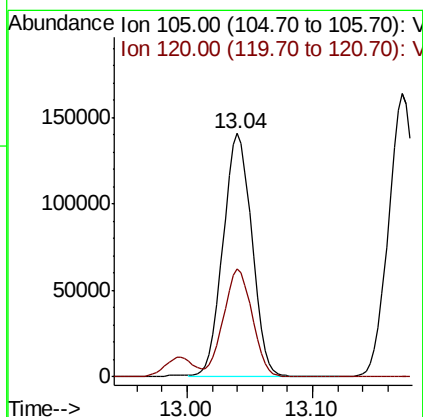
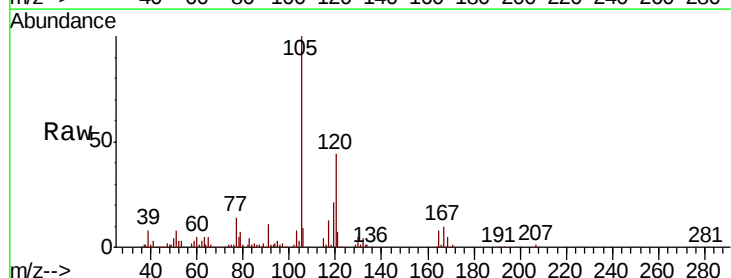
Instrument :
MSVOA_N
ClientSampled :

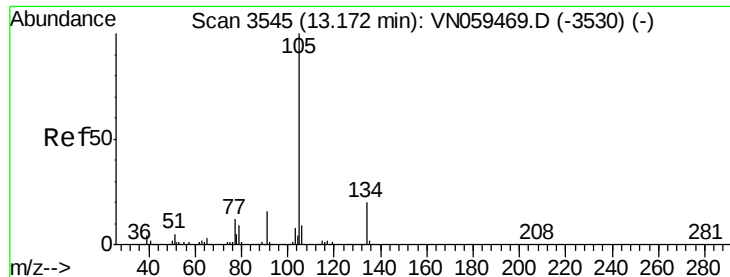
Tot Ion:119 Resp: 190650
Ion Ratio Lower Upper
119 100
91 68.7 32.6 97.7
134 23.9 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 20.095 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion:105 Resp: 224976
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 19.840 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

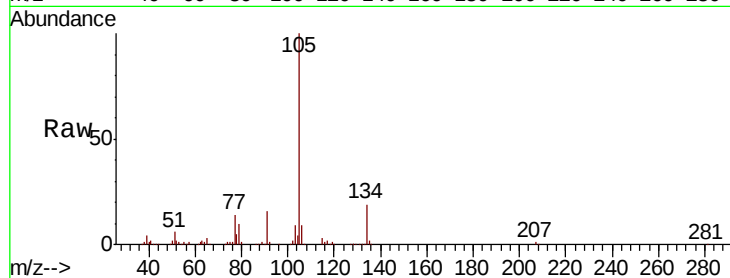
ClientSampled :

Tot Ion:105 Resp: 261526

Ion Ratio Lower Upper

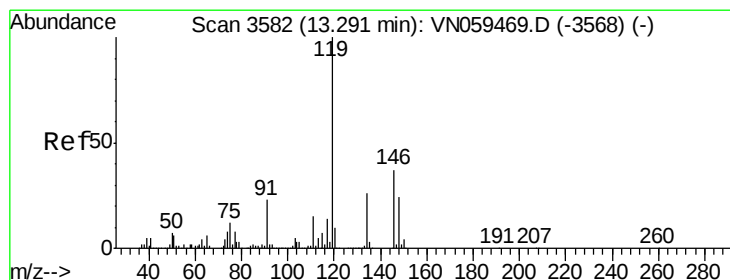
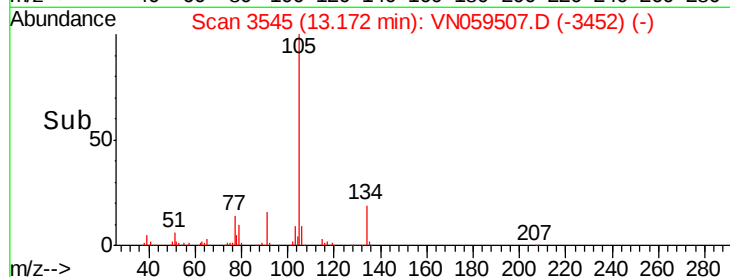
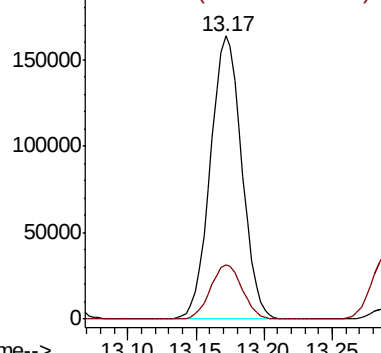
105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.557 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

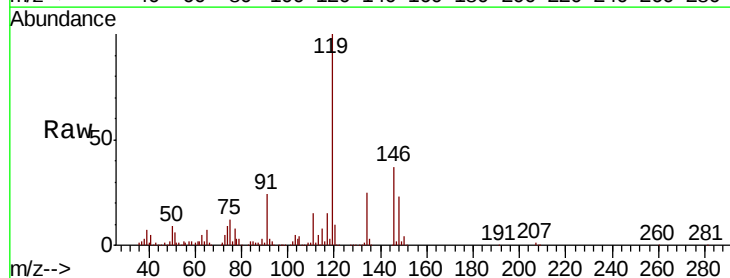
Tgt Ion:119 Resp: 231017

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

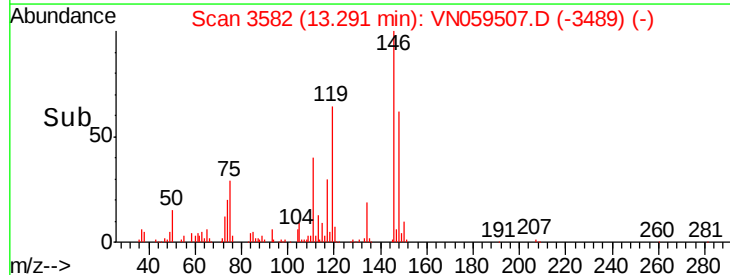
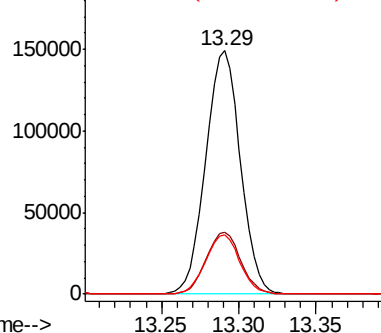
91 24.3 11.7 35.1

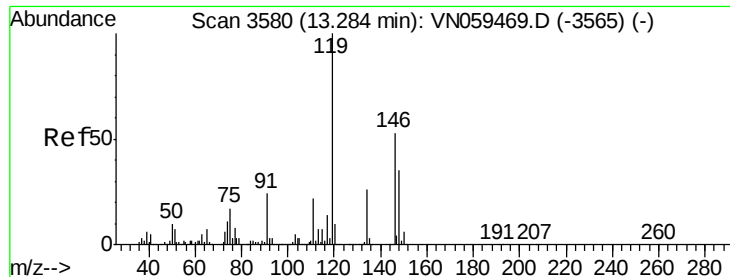


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

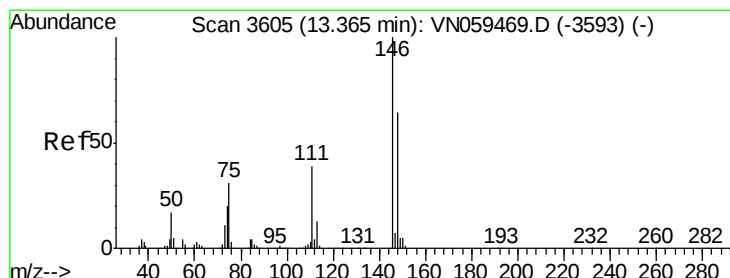
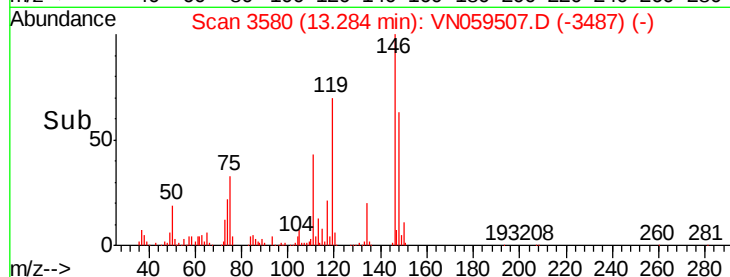
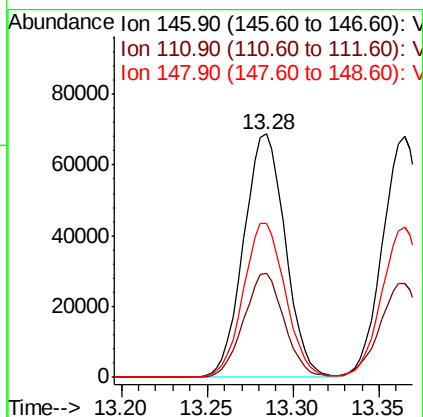
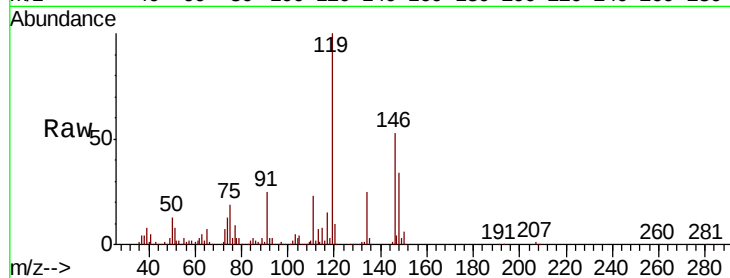




#87
 1,3-Dichlorobenzene
 Concen: 19.122 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

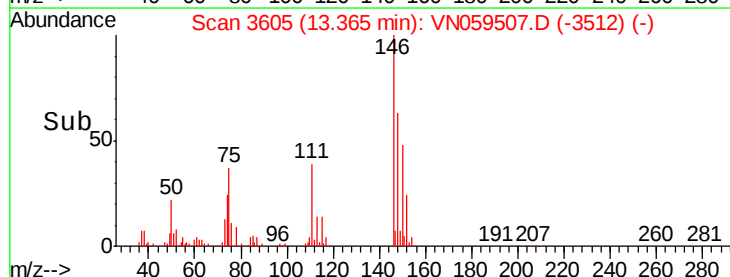
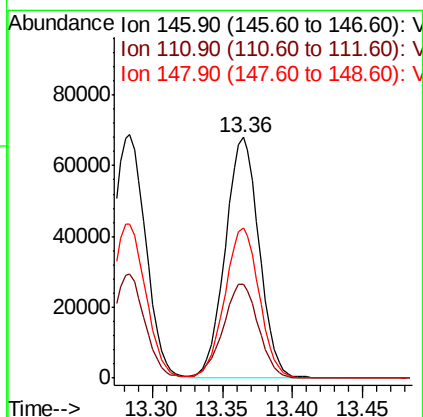
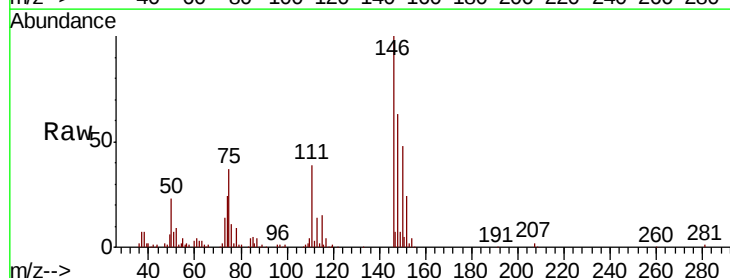
Instrument :
 MSVOA_N
 ClientSampled :

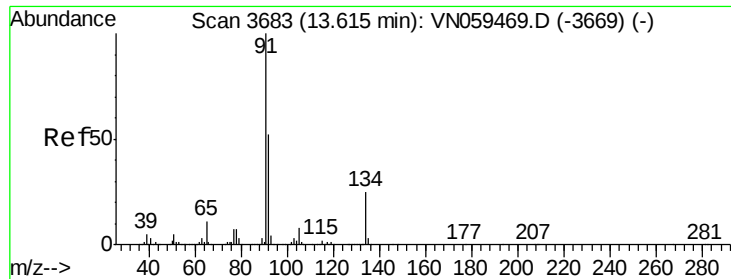
Tot Ion:146 Resp: 115492
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.3
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.728 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion:146 Resp: 114077
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.8 59.3
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 19.032 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

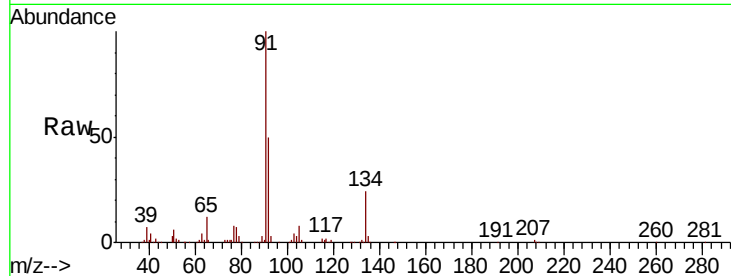
Tot Ion: 91 Resp: 201418

Ion Ratio Lower Upper

91 100

92 51.0 25.9 77.8

134 24.0 12.6 37.6

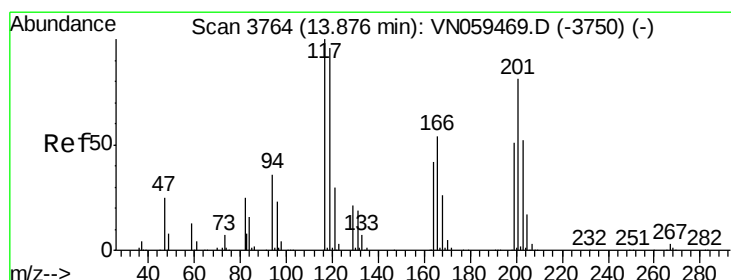
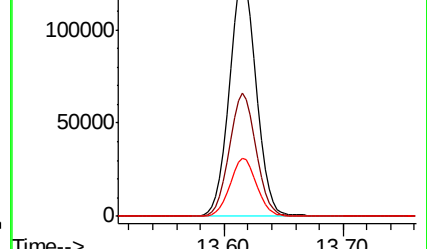
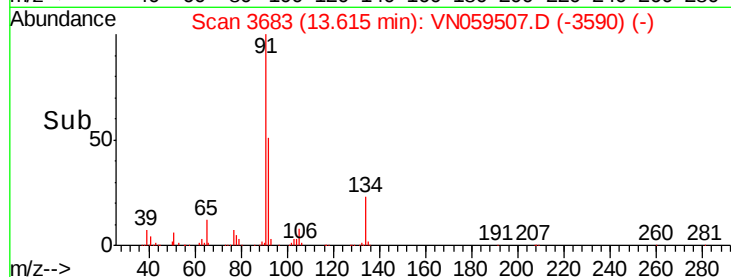


Abundance Ion 91.00 (90.70 to 91.70): VN059507.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN059507.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN059507.D (-3669) (-)

Time-->



#90

Hexachloroethane

Concen: 19.782 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059507.D

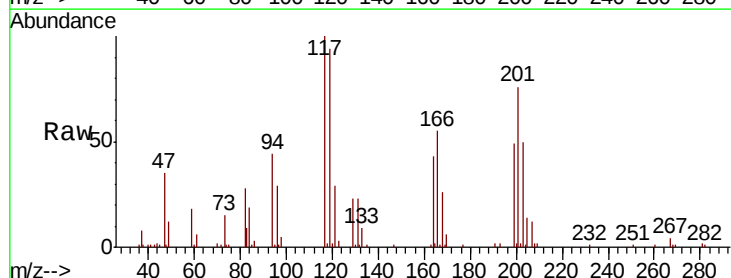
Acq: 6 Dec 2019 11:56

Tgt Ion: 117 Resp: 45068

Ion Ratio Lower Upper

117 100

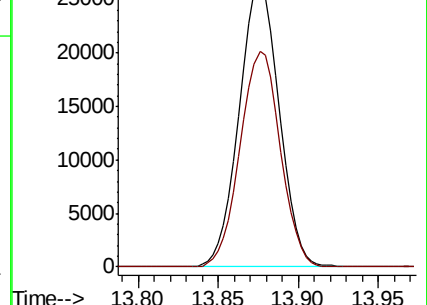
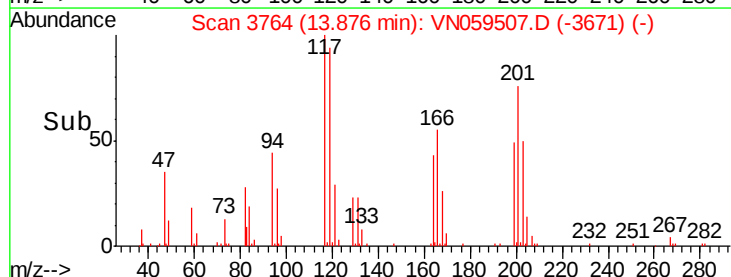
201 76.4 40.6 122.0

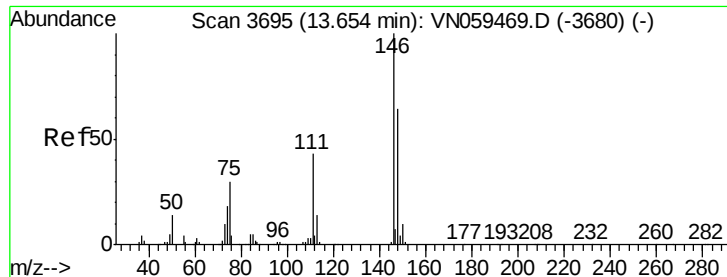


Abundance Ion 116.80 (116.50 to 117.50): VN059507.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN059507.D (-3750) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.251 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

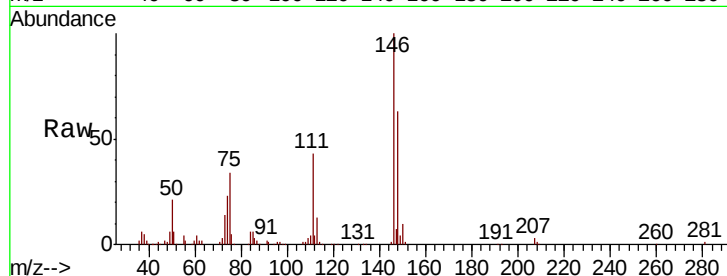
Tot Ion:146 Resp: 111463

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.7

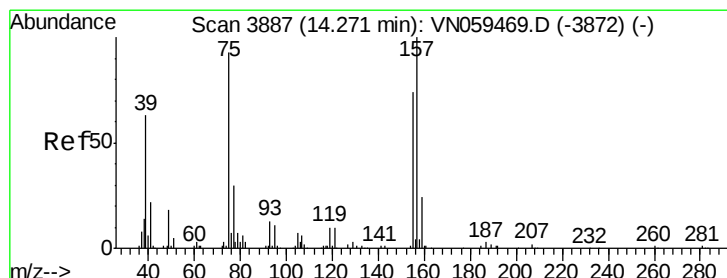
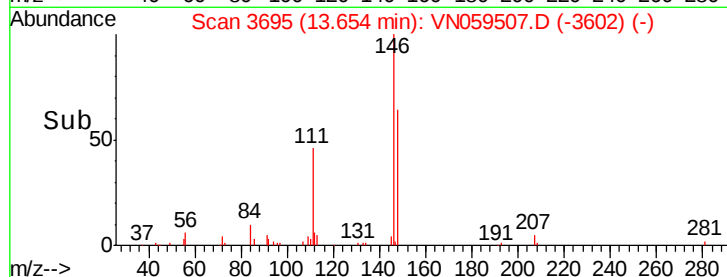
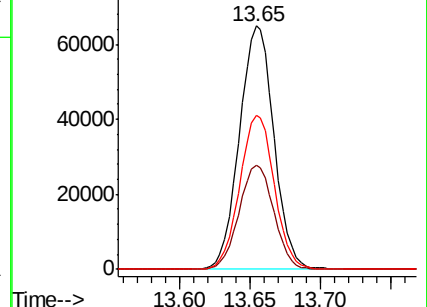
148 63.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.448 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

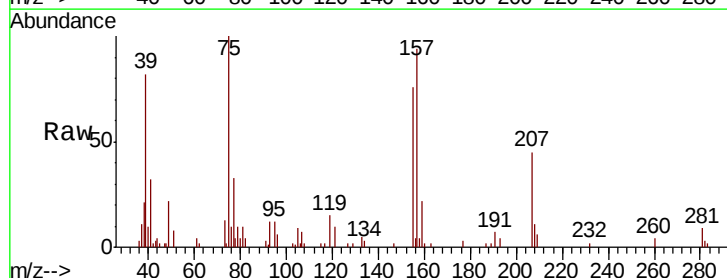
Tgt Ion: 75 Resp: 18613

Ion Ratio Lower Upper

75 100

155 73.8 40.6 122.0

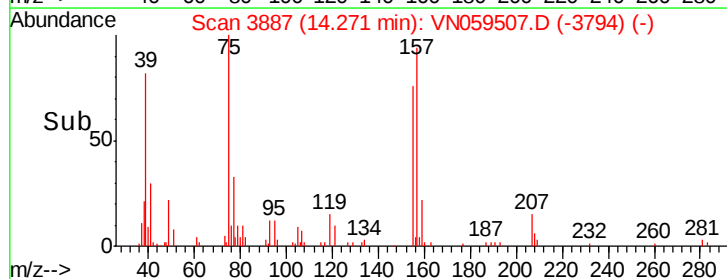
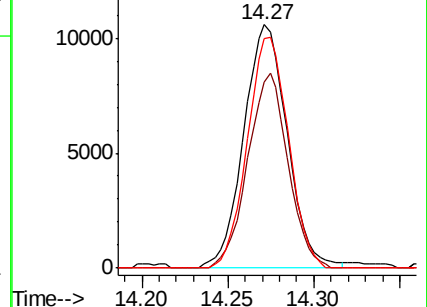
157 89.0 52.9 158.7

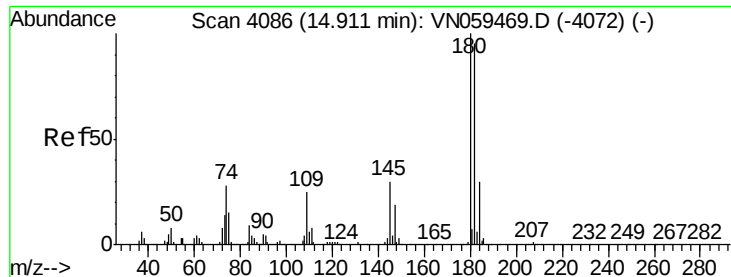


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

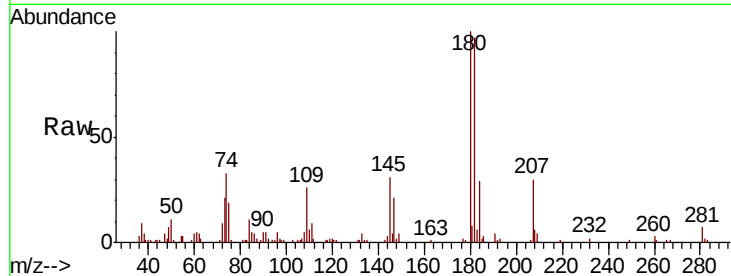




#93
 1,2,4-Trichlorobenzene
 Concen: 16.659 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.2
145	30.5	15.2	45.6

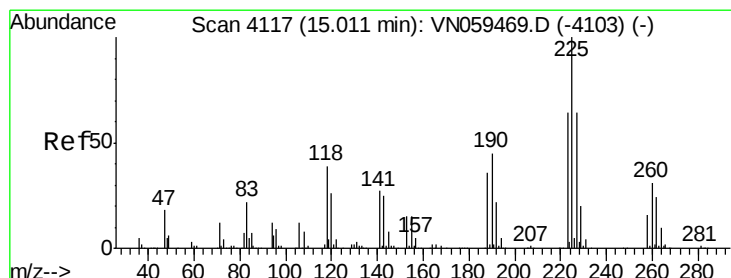
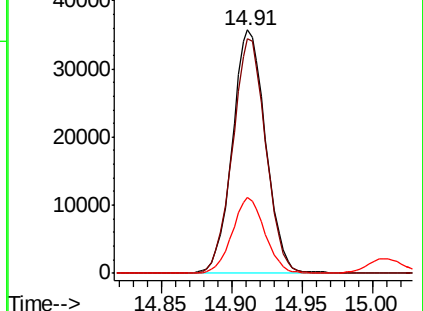
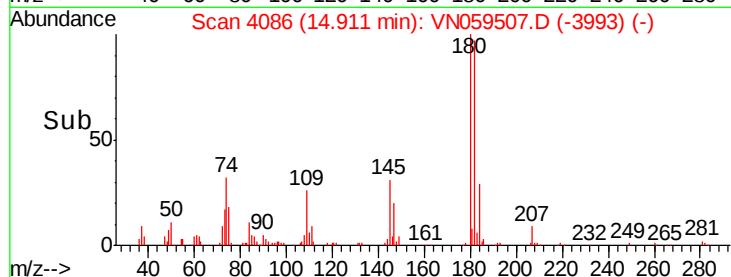


Abundance

Ion 179.80 (179.50 to 180.50): V

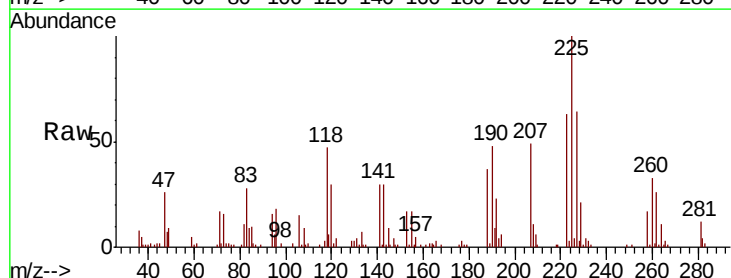
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.292 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.5
227	64.7	32.0	96.2

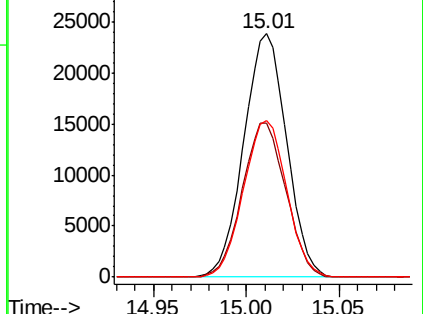
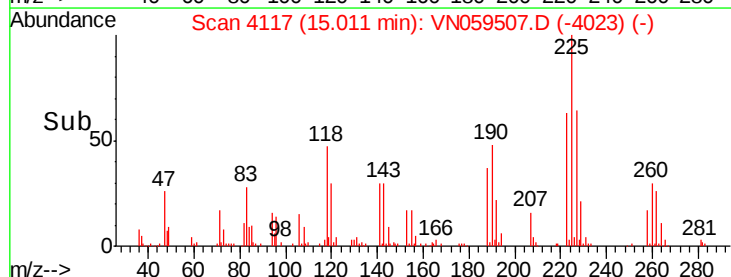


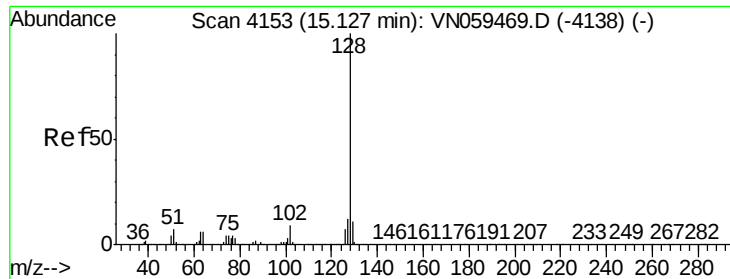
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.604 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

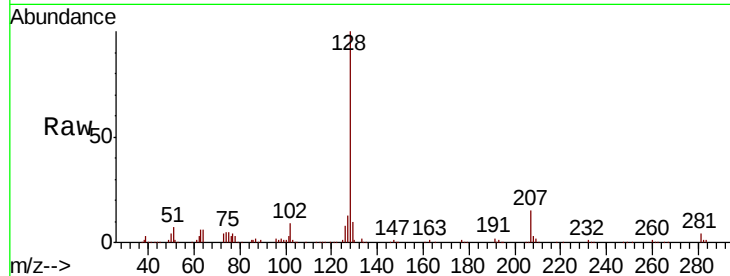
Tot Ion:128 Resp: 155331

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.5 8.8 13.2

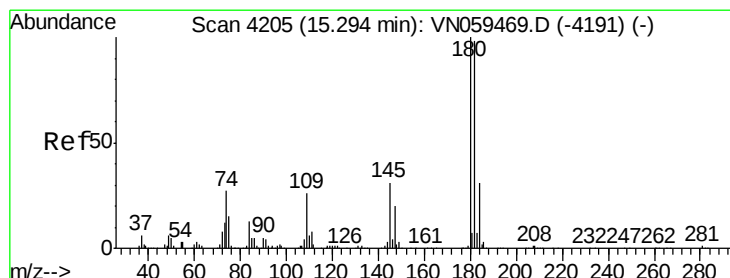
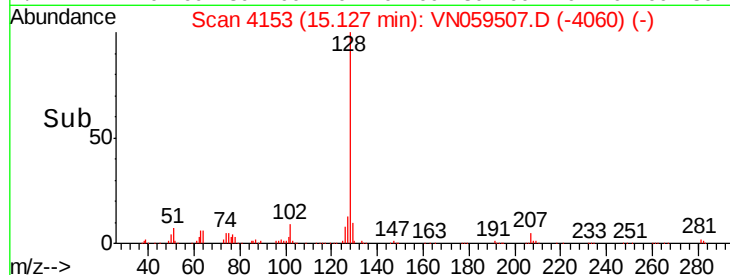
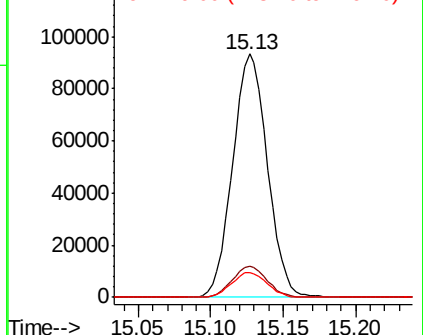


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.529 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

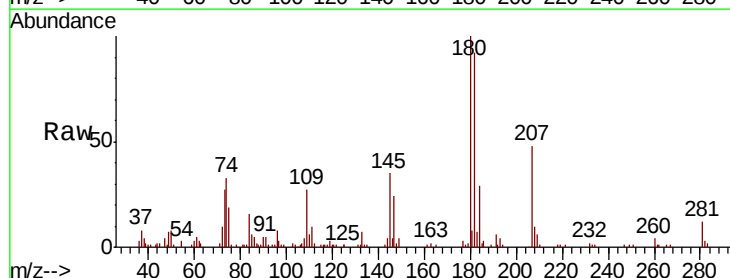
Tgt Ion:180 Resp: 61223

Ion Ratio Lower Upper

180 100

182 92.3 48.5 145.5

145 33.5 16.1 48.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

