

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059493.D
 Acq On : 5 Dec 2019 12:36
 Operator : JC/SP
 Sample : VN1205WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Quant Time: Dec 06 00:30:52 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	333875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	525847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	469340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211215	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	161560	38.95	ug/l	0.00
Spiked Amount			Recovery	=	77.90%	
35) Dibromofluoromethane	7.57	113	125270	38.25	ug/l	0.00
Spiked Amount			Recovery	=	76.50%	
50) Toluene-d8	10.08	98	488524	37.83	ug/l	0.00
Spiked Amount			Recovery	=	75.66%	
62) 4-Bromofluorobenzene	12.40	95	168995	37.47	ug/l	0.00
Spiked Amount			Recovery	=	74.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	66126	17.798	ug/l	99
3) Chloromethane	2.04	50	89609	17.995	ug/l	99
4) Vinyl Chloride	2.17	62	86193	28.845	ug/l	97
5) Bromomethane	2.55	94	31387	17.284	ug/l	96
6) Chloroethane	2.68	64	29831	16.909	ug/l	93
7) Trichlorofluoromethane	3.00	101	63085	17.481	ug/l	97
8) Diethyl Ether	3.38	74	40435	17.197	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	63631	17.962	ug/l	98
10) Methyl Iodide	3.92	142	75288	16.784	ug/l	98
11) Tert butyl alcohol	4.76	59	70367	90.033	ug/l	100
12) 1,1-Dichloroethene	3.71	96	60147	17.369	ug/l	94
13) Acrolein	3.58	56	55187	81.360	ug/l	100
14) Allyl chloride	4.29	41	122084	17.899	ug/l	98
15) Acrylonitrile	4.95	53	189652	89.694	ug/l	99
16) Acetone	3.79	43	183526	75.606	ug/l	99
17) Carbon Disulfide	4.02	76	198968	16.839	ug/l	99
18) Methyl Acetate	4.30	43	99494	17.820	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	212572	18.011	ug/l	99
20) Methylene Chloride	4.52	84	73657	18.089	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	69038	17.817	ug/l	100
22) Diisopropyl ether	5.92	45	236552	18.633	ug/l	98
23) Vinyl Acetate	5.86	43	979617	96.165	ug/l	98
24) 1,1-Dichloroethane	5.82	63	135139	18.739	ug/l	98
25) 2-Butanone	6.81	43	259417	82.289	ug/l	100
26) 2,2-Dichloropropane	6.80	77	115088	18.451	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	77174	17.933	ug/l	99
28) Bromochloromethane	7.17	49	43522	15.904	ug/l	97
29) Tetrahydrofuran	7.18	42	174578	88.069	ug/l	99
30) Chloroform	7.35	83	126994	18.238	ug/l	98
31) Cyclohexane	7.63	56	124626	17.835	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	108568	17.939	ug/l	98
36) 1,1-Dichloropropene	7.77	75	99236	18.135	ug/l	99
37) Ethyl Acetate	6.90	43	107326	17.559	ug/l	99
38) Carbon Tetrachloride	7.75	117	97876	18.597	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	117423	17.831	ug/l	98
40) Benzene	8.02	78	295637	18.449	ug/l	100
41) Methacrylonitrile	7.14	41	44795	18.083	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	102597	18.848	ug/l	99
43) Isopropyl Acetate	8.14	43	163711	18.008	ug/l	99
44) Trichloroethene	8.82	130	74485	17.787	ug/l	100
45) 1,2-Dichloropropane	9.10	63	80344	18.767	ug/l	99
46) Dibromomethane	9.19	93	49104	18.423	ug/l	99
47) Bromodichloromethane	9.39	83	97317	18.210	ug/l	99
48) Methyl methacrylate	9.18	41	72258	17.617	ug/l	98
49) 1,4-Dioxane	9.19	88	23964	386.128	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	498993	92.468	ug/l	99
52) Toluene	10.14	92	179073	18.478	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	112732	17.926	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	123812	18.575	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	69851	18.284	ug/l	98
56) Ethyl methacrylate	10.42	69	101092	17.322	ug/l	98
57) 1,3-Dichloropropane	10.70	76	121421	18.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	153714	84.067	ug/l	100
59) 2-Hexanone	10.74	43	358889	88.371	ug/l	98
60) Dibromochloromethane	10.90	129	74535	18.272	ug/l	97
61) 1,2-Dibromoethane	11.00	107	71012	17.988	ug/l	98
64) Tetrachloroethene	10.62	164	70022	17.539	ug/l	99
65) Chlorobenzene	11.43	112	183538	17.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	68764	18.652	ug/l	99
67) Ethyl Benzene	11.51	91	333438	18.548	ug/l	99
68) m/p-Xylenes	11.62	106	244405	36.513	ug/l	98
69) o-Xylene	11.94	106	116971	18.355	ug/l	100
70) Styrene	11.96	104	184200	18.107	ug/l	99
71) Bromoform	12.12	173	50818	17.684	ug/l #	99
73) Isopropylbenzene	12.25	105	310356	18.322	ug/l	100
74) N-amyl acetate	12.07	43	119556	17.523	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	100933	18.576	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	138201	26.315	ug/l #	100
77) Bromobenzene	12.53	156	75734	17.892	ug/l	98
78) n-propylbenzene	12.59	91	365925	18.563	ug/l	99
79) 2-Chlorotoluene	12.67	91	214808	18.077	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	264354	18.675	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	36291	18.135	ug/l	98
82) 4-Chlorotoluene	12.77	91	221346	18.054	ug/l	99
83) tert-Butylbenzene	12.99	119	221583	18.030	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	255926	18.500	ug/l	99
85) sec-Butylbenzene	13.17	105	302232	18.555	ug/l	99
86) p-Isopropyltoluene	13.29	119	268003	18.361	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	134330	17.999	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	132279	17.575	ug/l	99
89) n-Butylbenzene	13.62	91	233209	17.833	ug/l	99
90) Hexachloroethane	13.88	117	50220	17.839	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	129050	18.038	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20756	18.441	ug/l	93

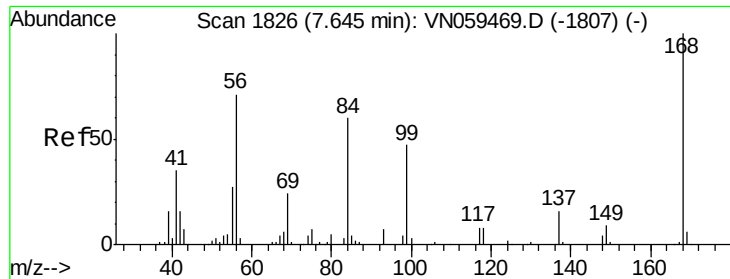
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
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Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	71746	16.427	ug/l	98
94) Hexachlorobutadiene	15.01	225	47068	18.166	ug/l	99
95) Naphthalene	15.13	128	187469	17.251	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	73721	18.107	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

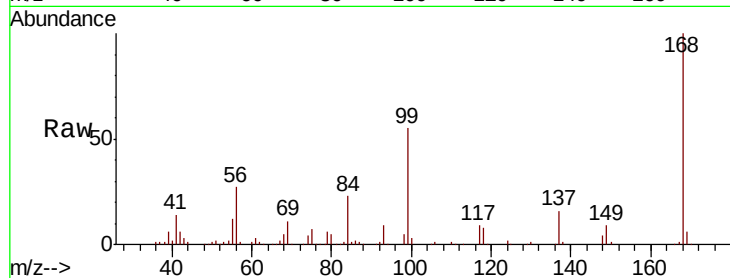
VN1205WBS01

Tot Ion:168 Resp: 333875

Ion Ratio Lower Upper

168 100

99 55.0 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

150000

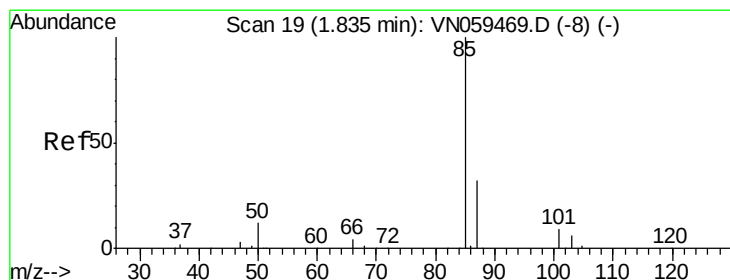
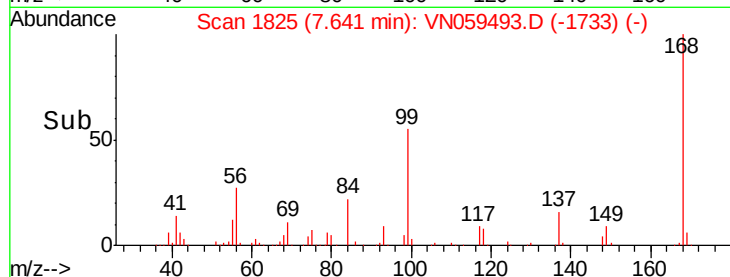
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.798 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059493.D

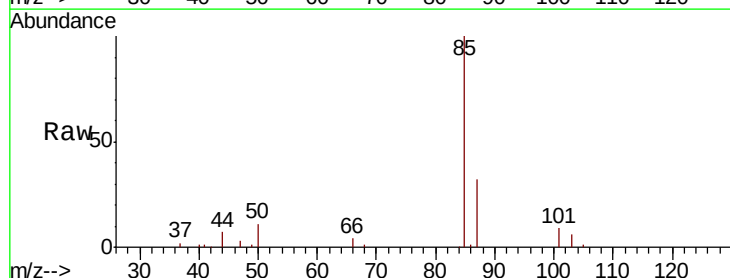
Acq: 5 Dec 2019 12:36

Tgt Ion: 85 Resp: 66126

Ion Ratio Lower Upper

85 100

87 31.5 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

50000

40000

30000

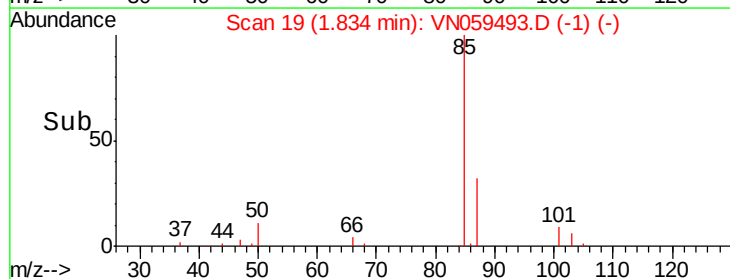
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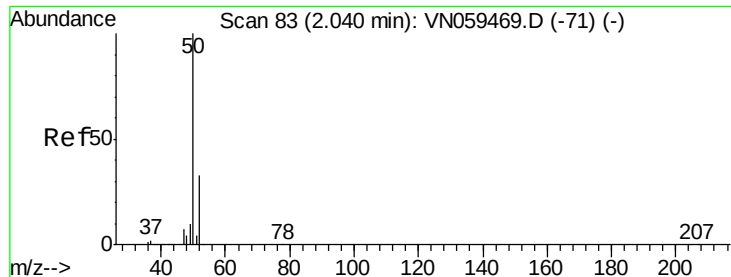
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.995 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

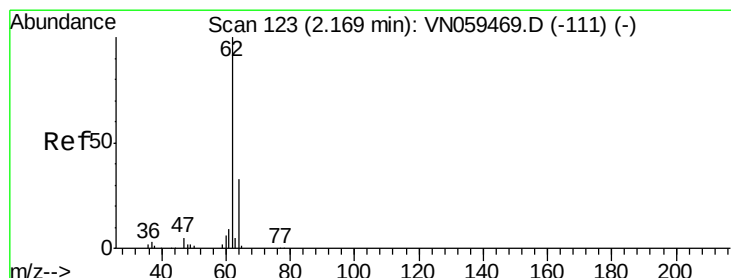
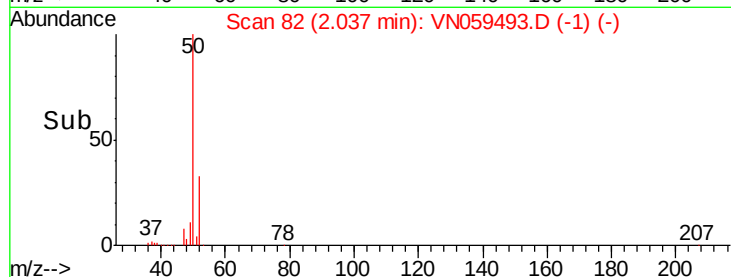
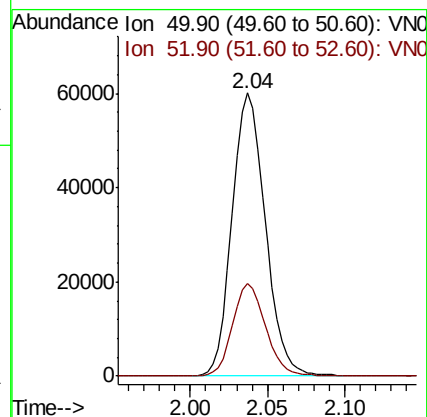
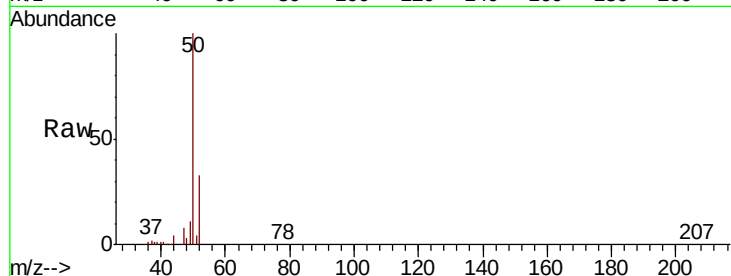
VN1205WBS01

Tot Ion: 50 Resp: 89609

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 28.845 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059493.D

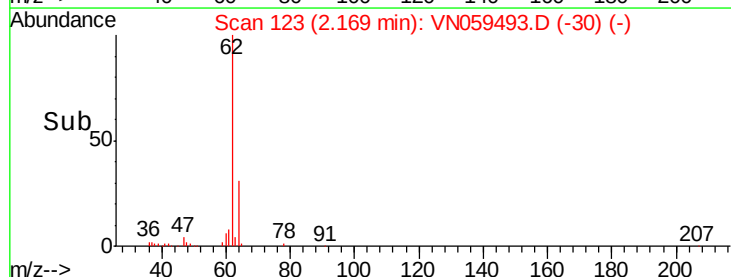
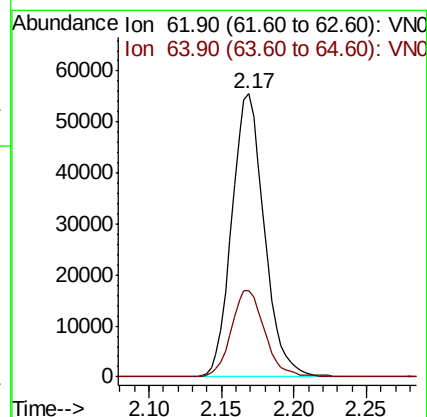
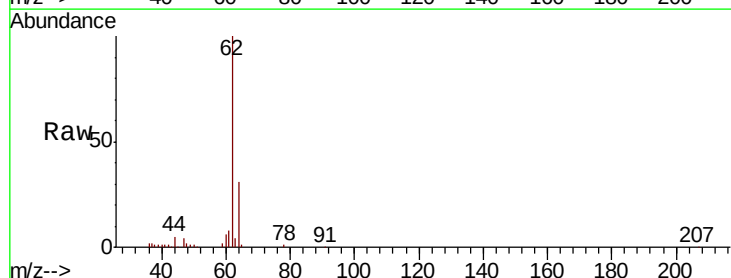
Acq: 5 Dec 2019 12:36

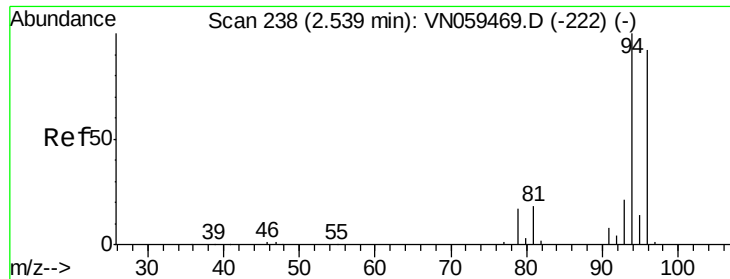
Tgt Ion: 62 Resp: 86193

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0

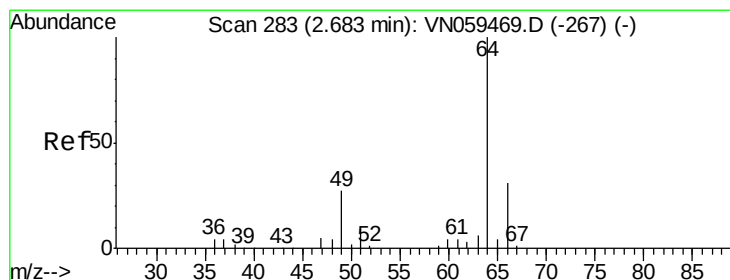
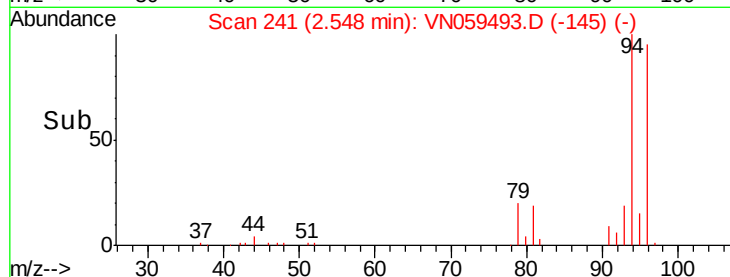
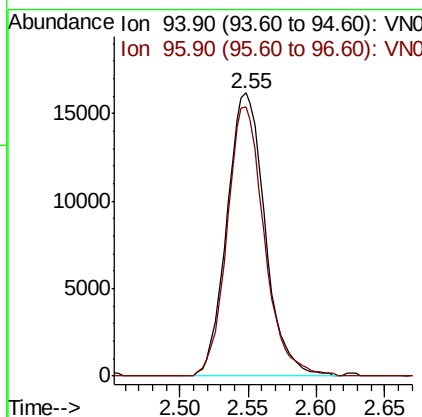
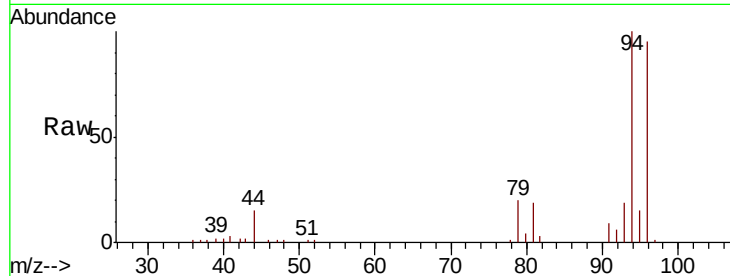




#5
Bromomethane
Concen: 17.284 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

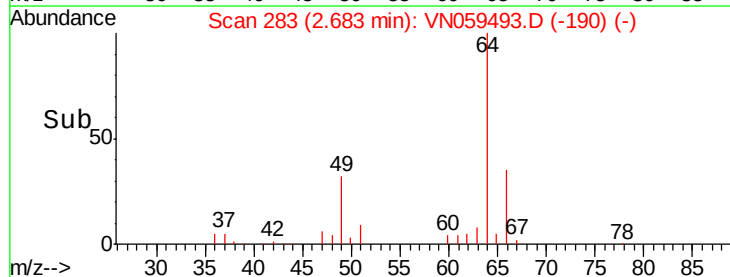
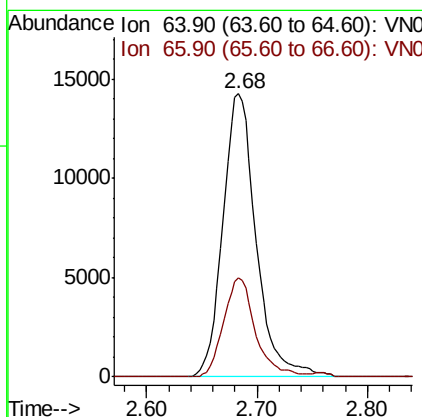
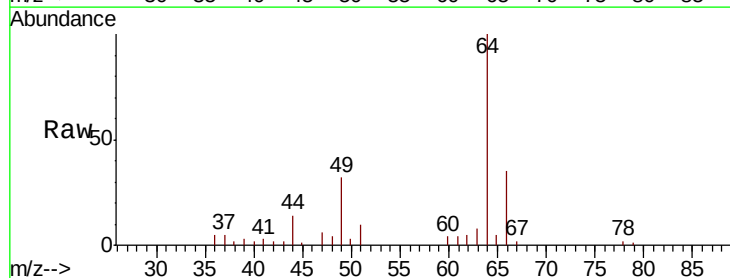
Instrument :
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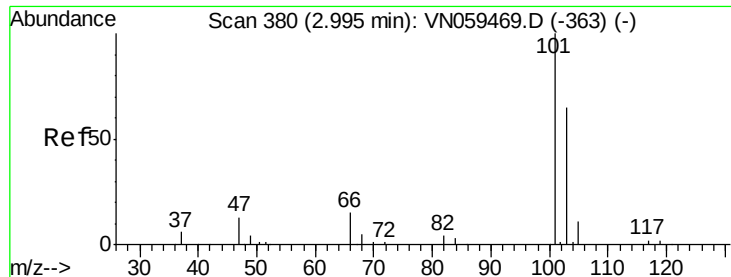
Tot Ion: 94 Resp: 31387
Ion Ratio Lower Upper
94 100
96 95.4 73.5 110.3



#6
Chloroethane
Concen: 16.909 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 64 Resp: 29831
Ion Ratio Lower Upper
64 100
66 35.2 25.2 37.8



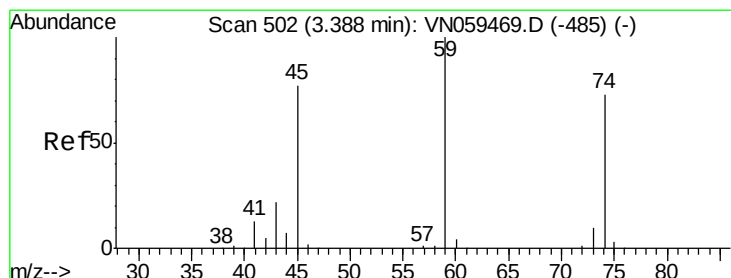
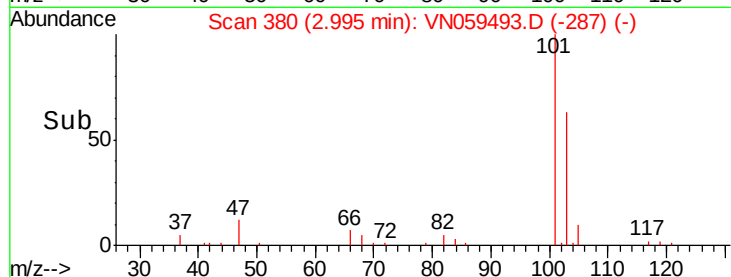
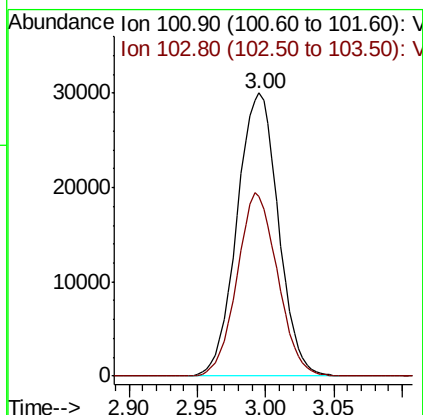
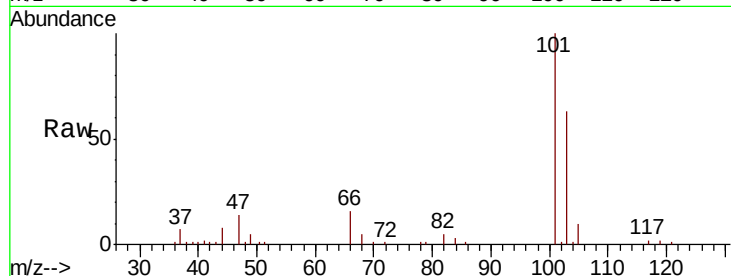


#7

Trichlorofluoromethane
Concen: 17.481 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

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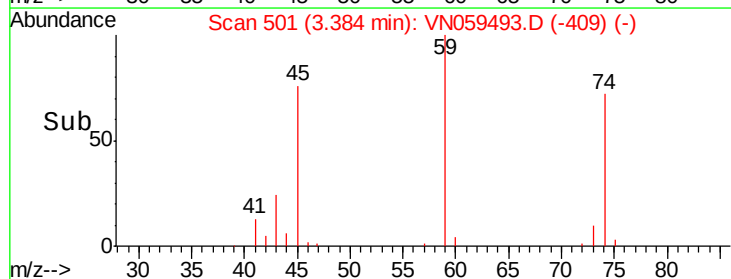
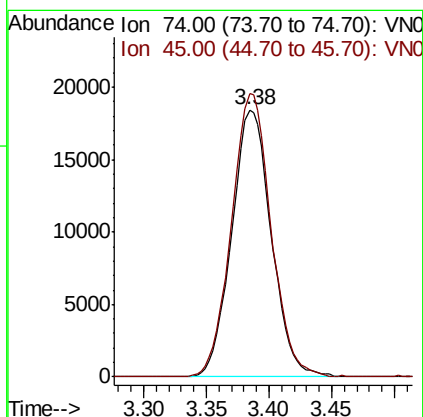
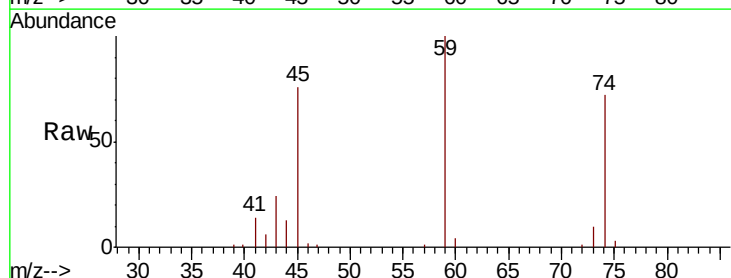
Tot Ion:101 Resp: 63085
Ion Ratio Lower Upper
101 100
103 63.4 52.4 78.6

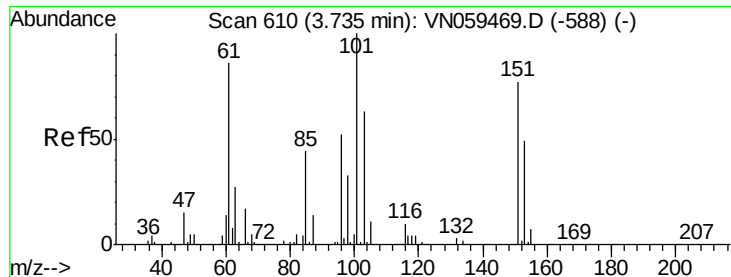


#8

Diethyl Ether
Concen: 17.197 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 74 Resp: 40435
Ion Ratio Lower Upper
74 100
45 106.2 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.962 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

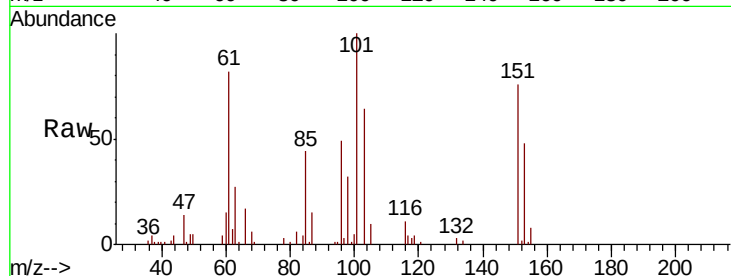
Tot Ion:101 Resp: 63631

Ion Ratio Lower Upper

101 100

85 43.4 35.2 52.8

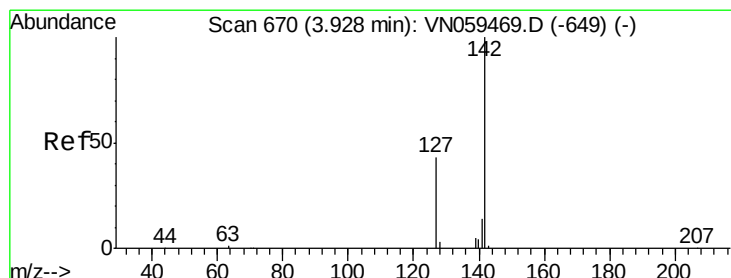
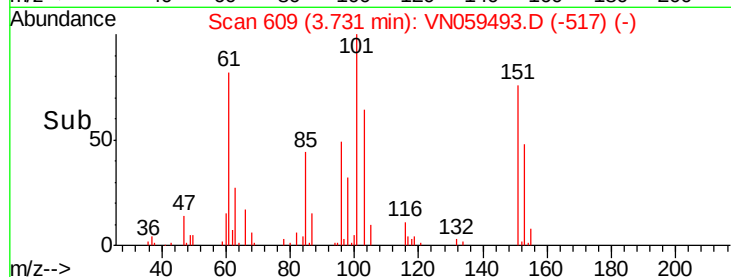
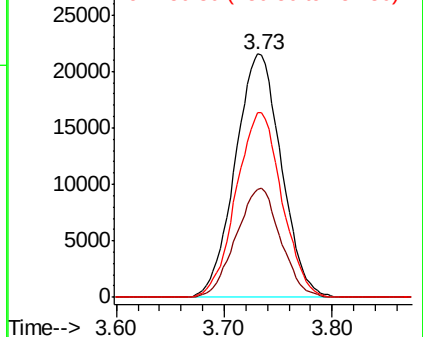
151 75.3 62.4 93.6



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: 16.784 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

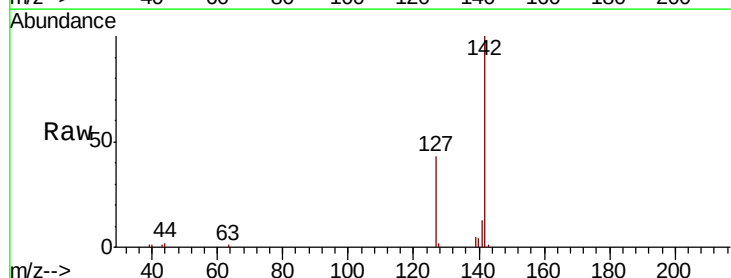
Tgt Ion:142 Resp: 75288

Ion Ratio Lower Upper

142 100

127 44.2 34.6 52.0

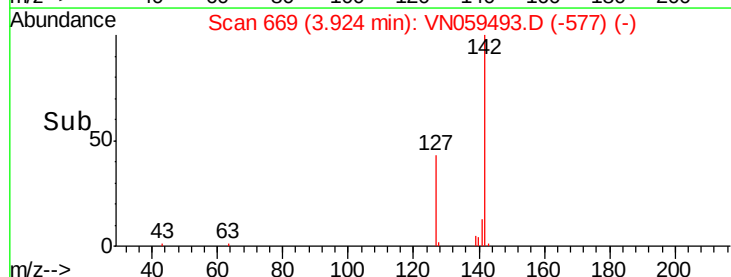
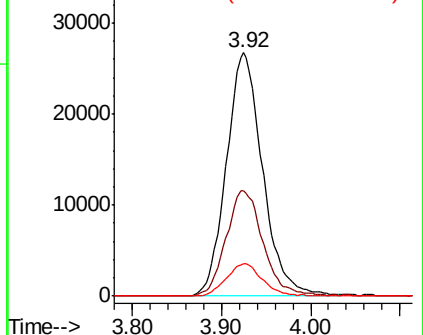
141 13.1 11.4 17.0

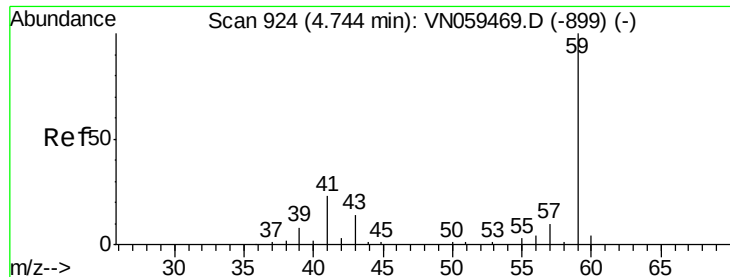


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

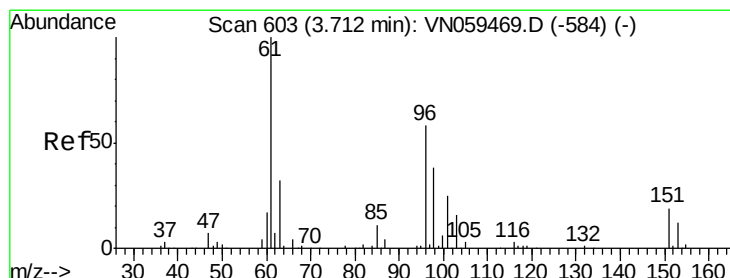
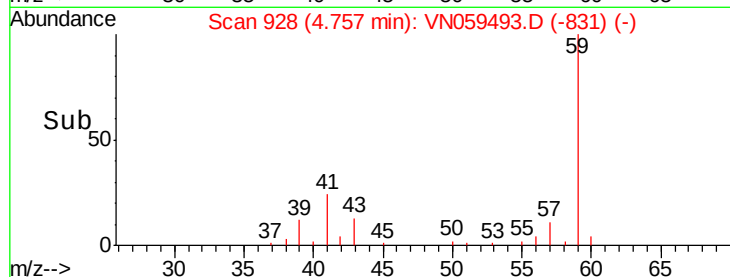
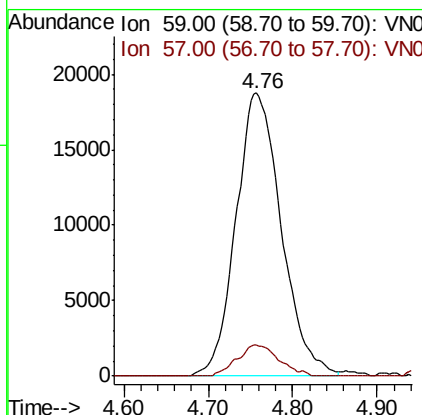
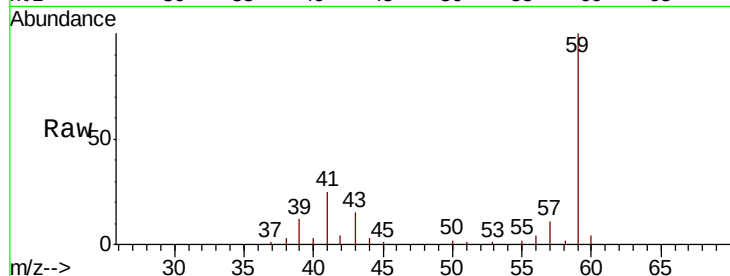




#11
Tert butyl alcohol
Concen: 90.033 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.01 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

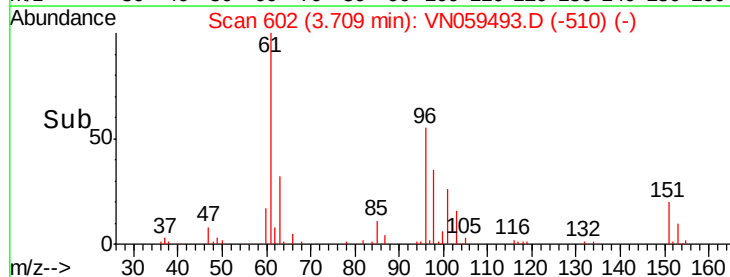
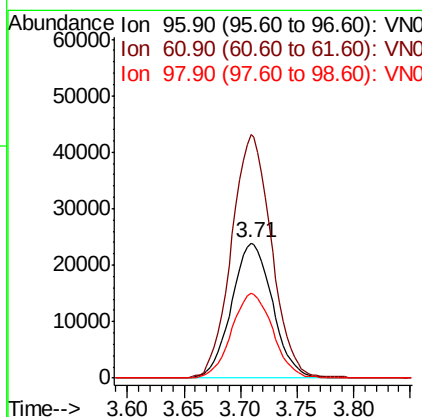
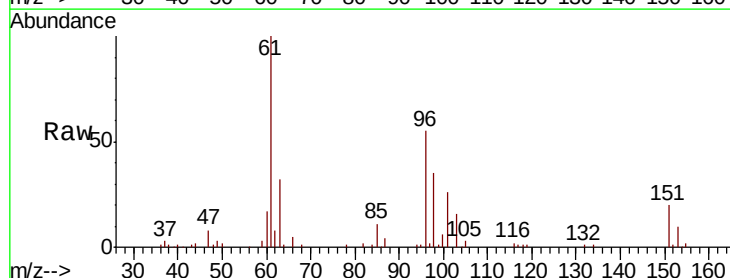
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

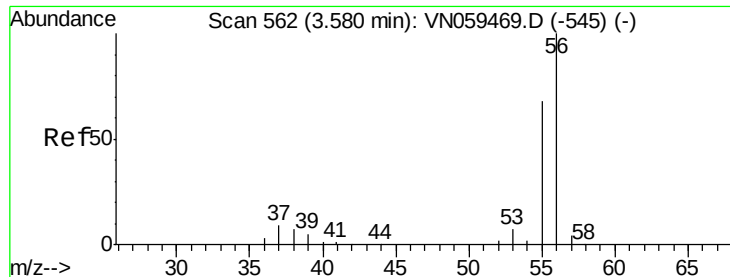
Tot Ion: 59 Resp: 70367
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 17.369 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 96 Resp: 60147
Ion Ratio Lower Upper
96 100
61 180.5 137.1 205.7
98 63.2 52.4 78.6





#13

Acrolein

Concen: 81.360 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

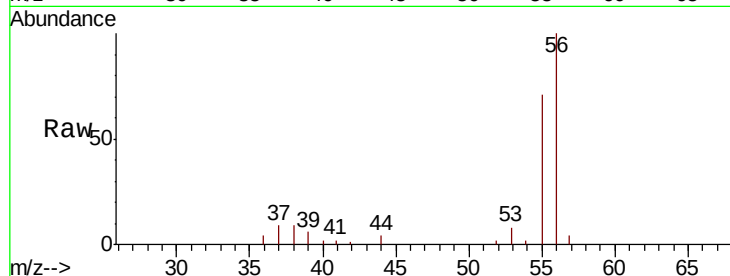
VN1205WBS01

Tot Ion: 56 Resp: 55187

Ion Ratio Lower Upper

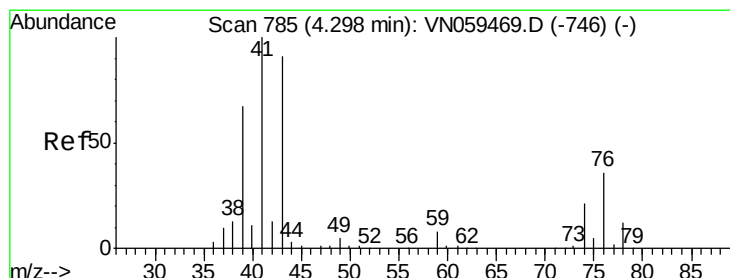
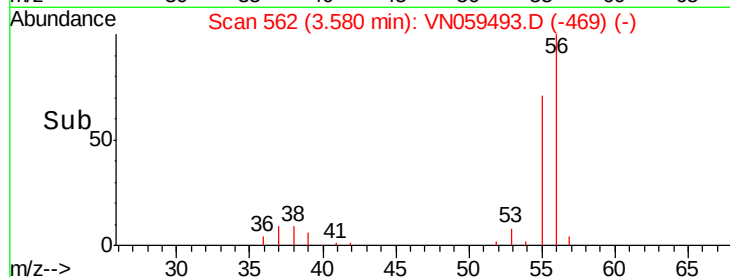
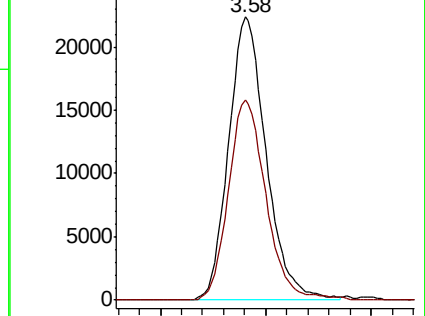
56 100

55 70.8 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: 17.899 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

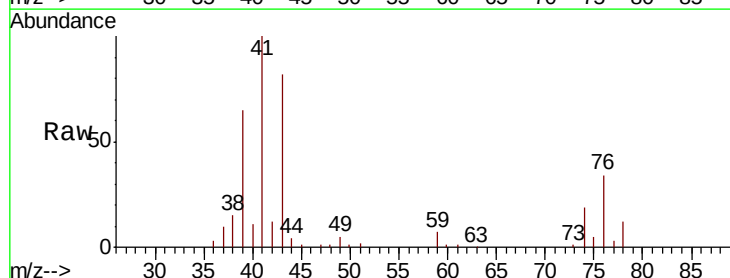
Tgt Ion: 41 Resp: 122084

Ion Ratio Lower Upper

41 100

39 63.8 49.3 73.9

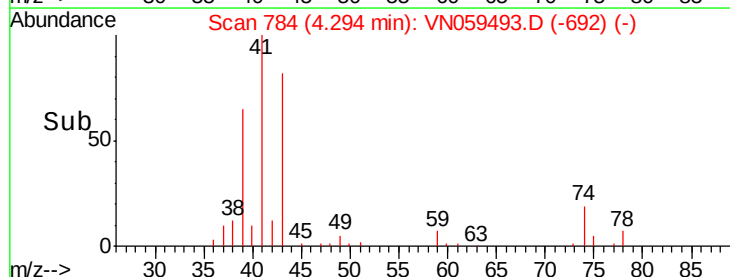
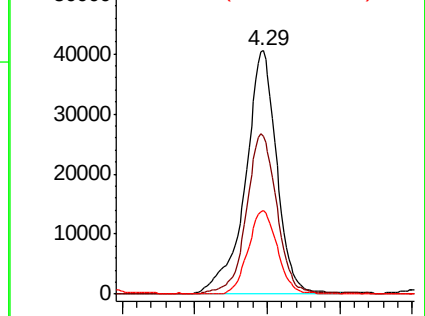
76 32.0 25.6 38.4

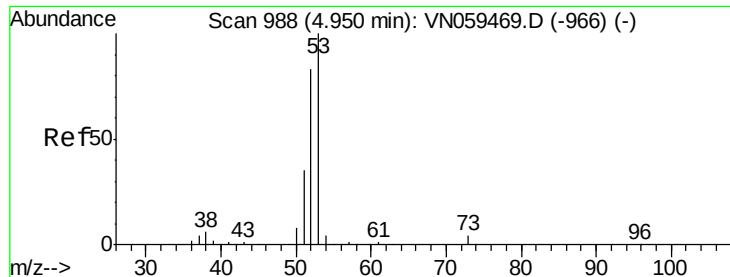


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 89.694 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

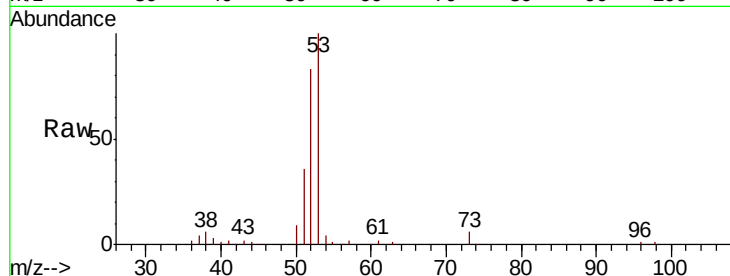
Tot Ion: 53 Resp: 189652

Ion Ratio Lower Upper

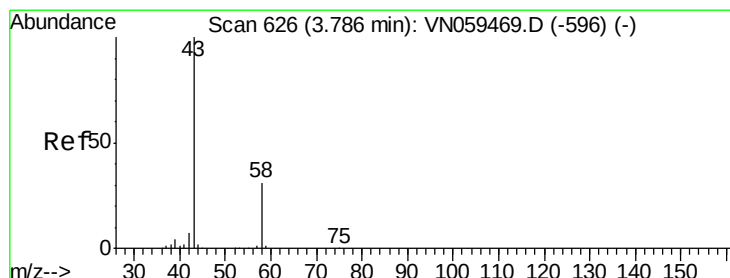
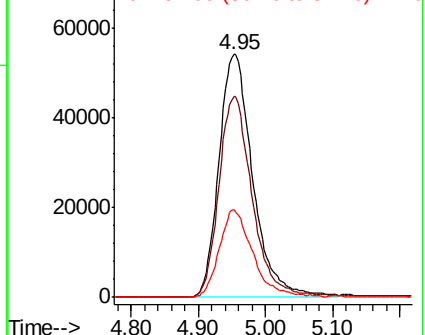
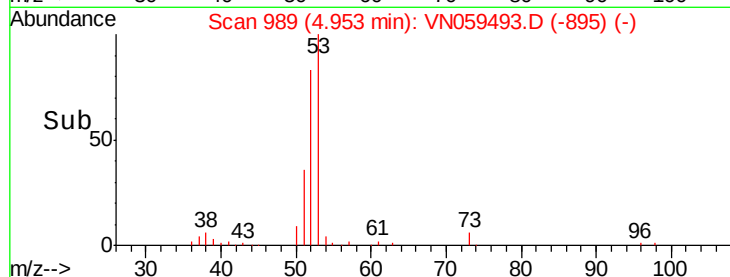
53 100

52 80.9 65.5 98.3

51 35.9 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN059493.D (-895) (-)



#16

Acetone

Concen: 75.606 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059493.D

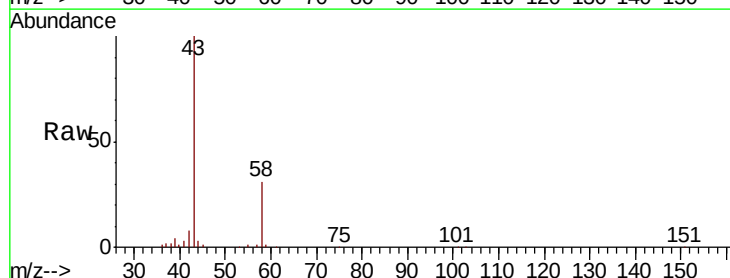
Acq: 5 Dec 2019 12:36

Tgt Ion: 43 Resp: 183526

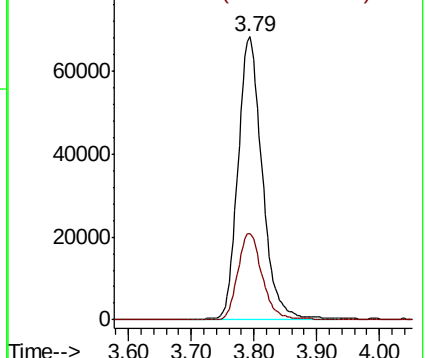
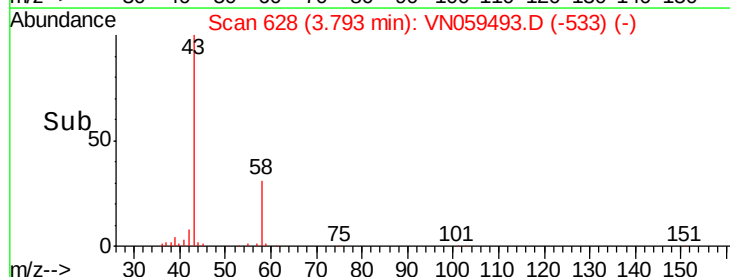
Ion Ratio Lower Upper

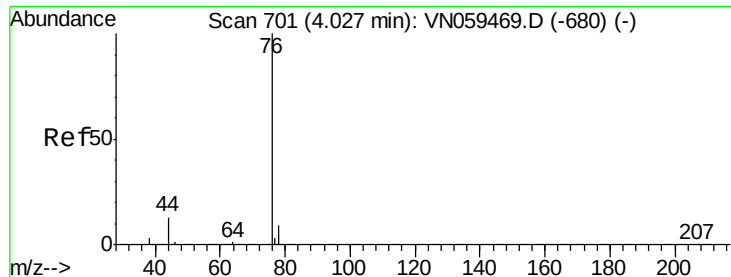
43 100

58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059493.D (-533) (-)





#17

Carbon Disulfide

Concen: 16.839 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

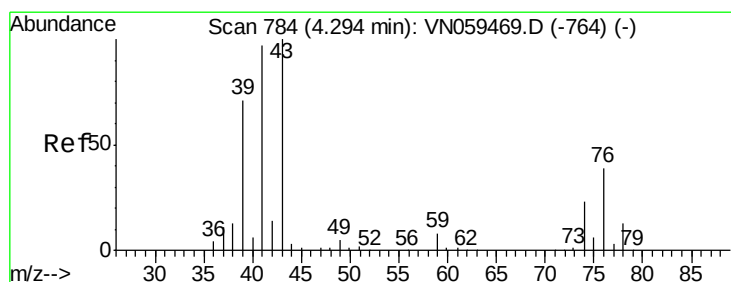
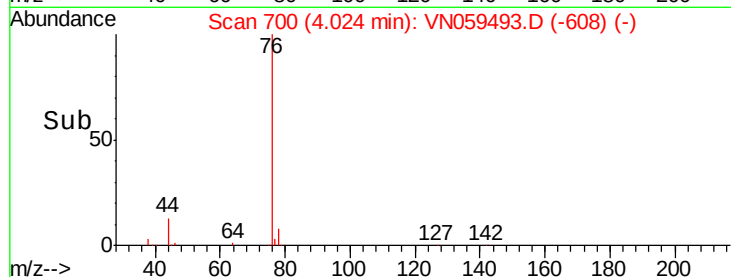
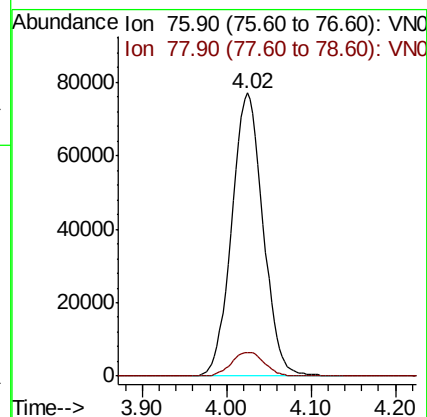
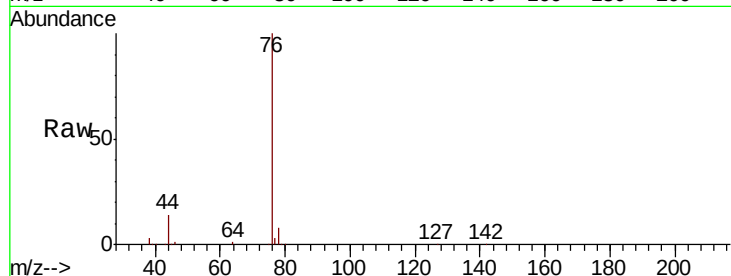
VN1205WBS01

Tot Ion: 76 Resp: 198968

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



#18

Methyl Acetate

Concen: 17.820 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059493.D

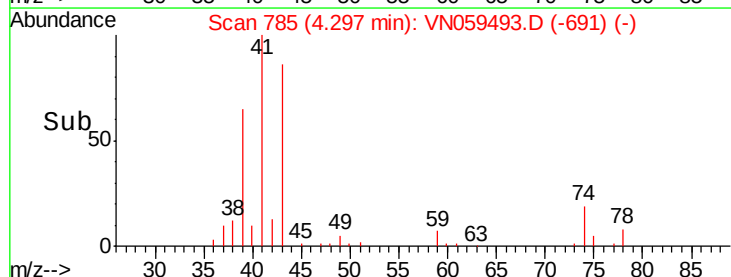
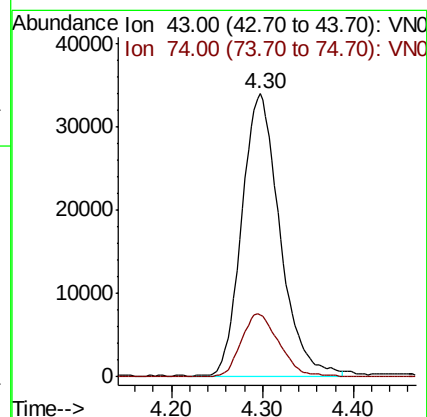
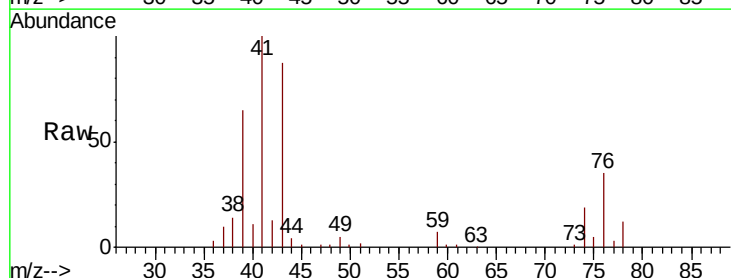
Acq: 5 Dec 2019 12:36

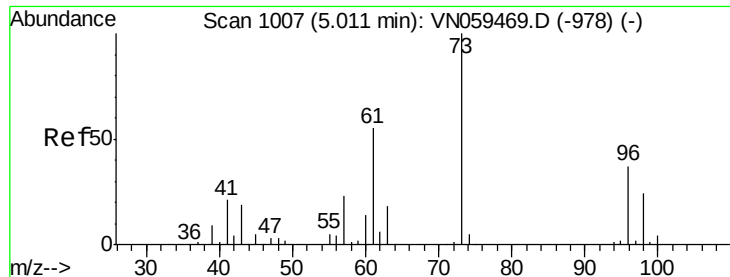
Tgt Ion: 43 Resp: 99494

Ion Ratio Lower Upper

43 100

74 22.2 18.3 27.5



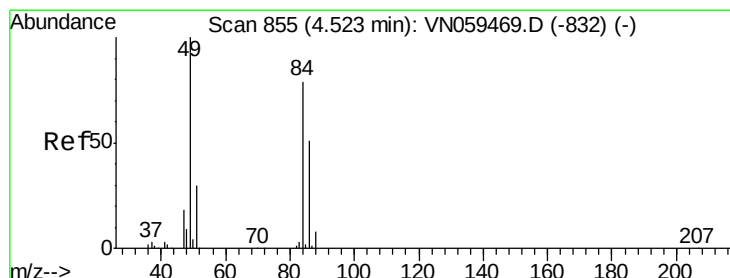
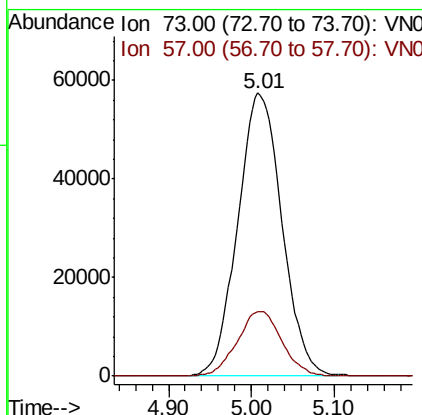
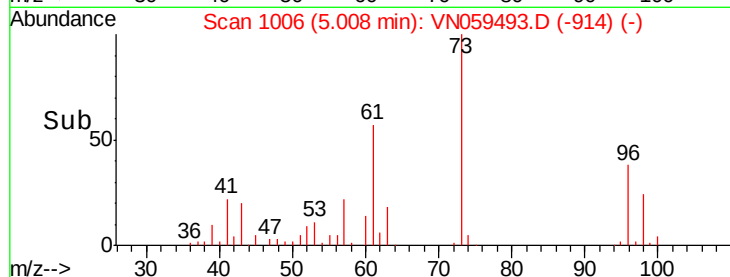
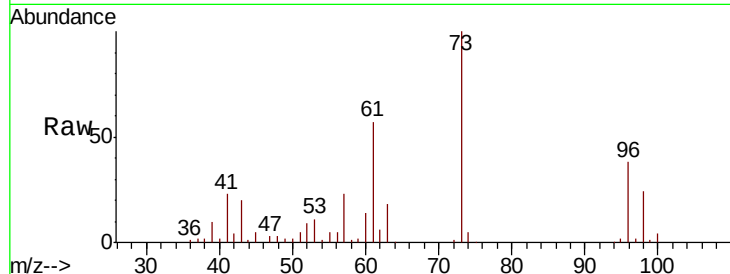


#19

Methyl tert-butyl Ether
 Concen: 18.011 ug/l
 RT: 5.01 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

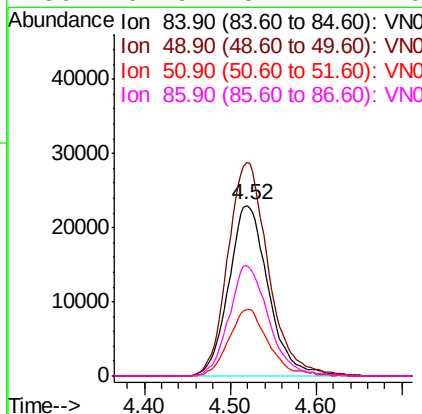
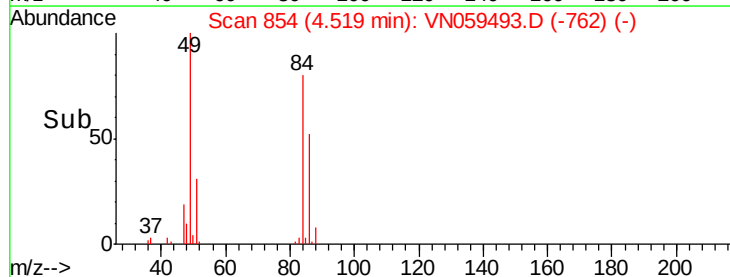
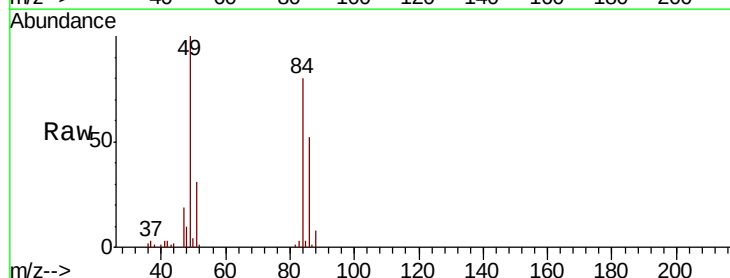
Tot Ion: 73 Resp: 212572
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.0 27.0

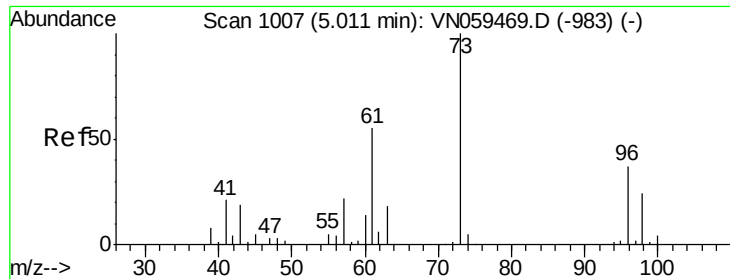


#20

Methylene Chloride
 Concen: 18.089 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Tgt Ion: 84 Resp: 73657
 Ion Ratio Lower Upper
 84 100
 49 125.2 101.1 151.7
 51 39.0 30.7 46.1
 86 64.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 17.817 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

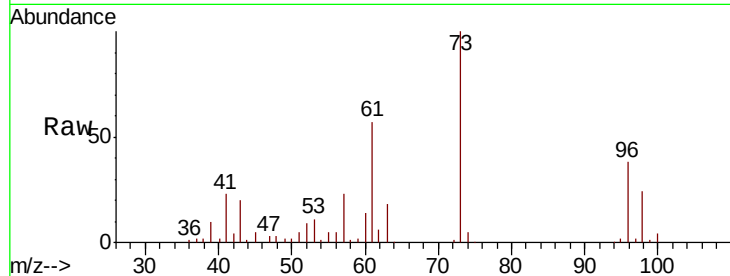
Tot Ion: 96 Resp: 69038

Ion Ratio Lower Upper

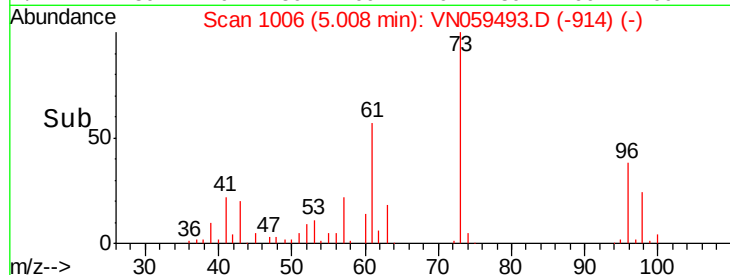
96 100

61 148.3 118.9 178.3

98 63.7 51.6 77.4

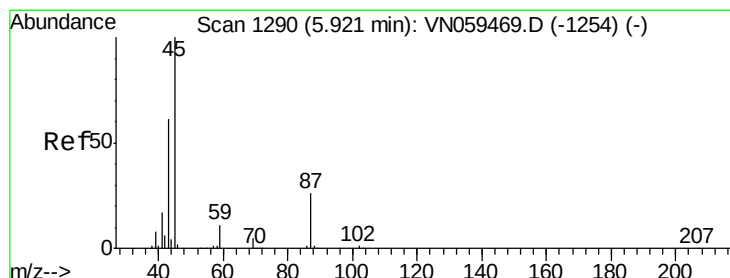
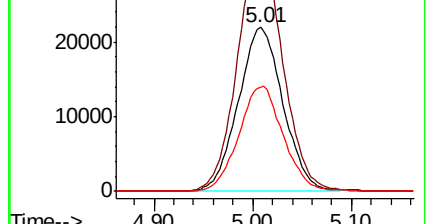


Abundance Ion 95.90 (95.60 to 96.60): VN059493.D (-1197) (-)



Ion 60.90 (60.60 to 61.60): VN059493.D (-1197) (-)

Ion 97.90 (97.60 to 98.60): VN059493.D (-1197) (-)



#22

Diisopropyl ether

Concen: 18.633 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Tgt Ion: 45 Resp: 236552

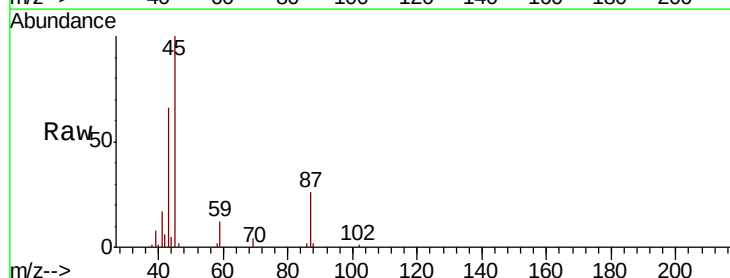
Ion Ratio Lower Upper

45 100

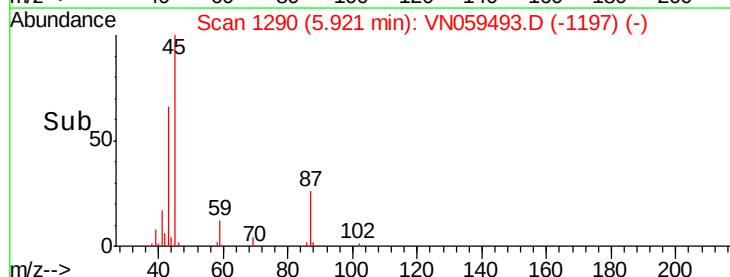
43 63.5 49.1 73.7

87 26.2 21.6 32.4

59 11.8 9.0 13.4



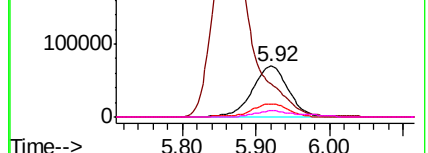
Abundance Ion 45.00 (44.70 to 45.70): VN059493.D (-1197) (-)

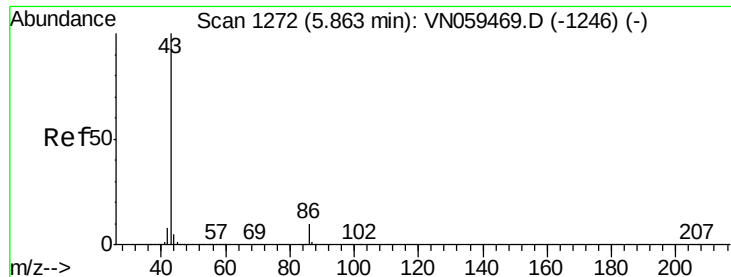


Ion 43.00 (42.70 to 43.70): VN059493.D (-1197) (-)

Ion 87.00 (86.70 to 87.70): VN059493.D (-1197) (-)

Ion 59.00 (58.70 to 59.70): VN059493.D (-1197) (-)





#23

Vinyl Acetate

Concen: 96.165 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

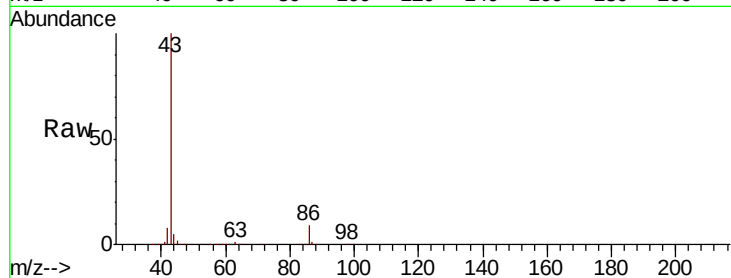
VN1205WBS01

Tot Ion: 43 Resp: 979617

Ion Ratio Lower Upper

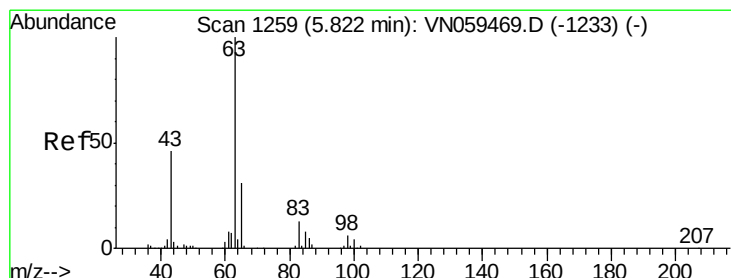
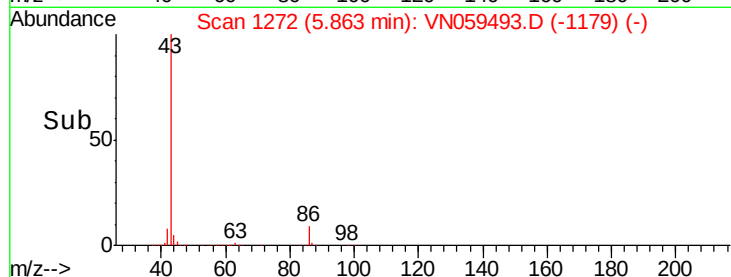
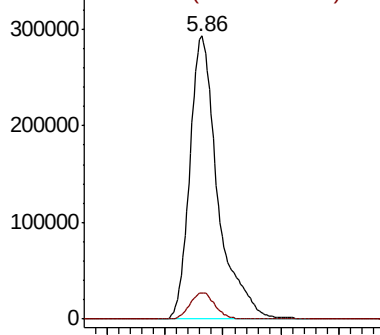
43 100

86 9.4 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.739 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

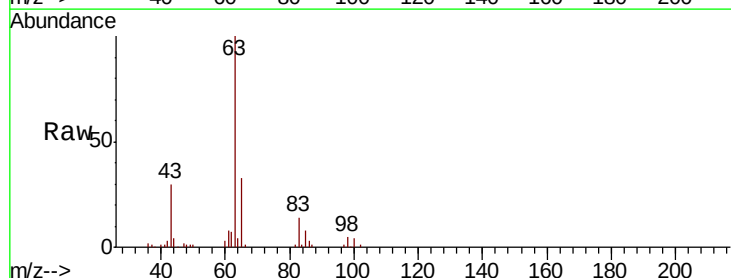
Tgt Ion: 63 Resp: 135139

Ion Ratio Lower Upper

63 100

98 5.5 3.2 9.6

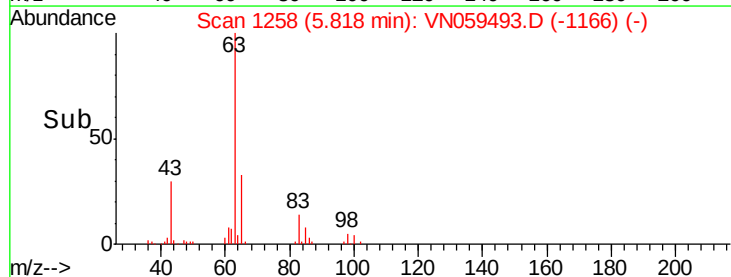
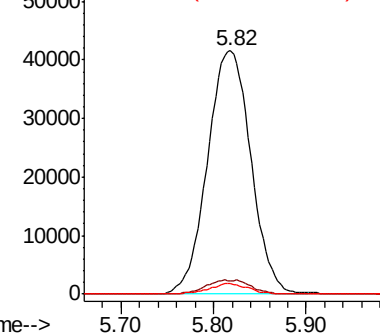
100 4.1 2.0 6.0

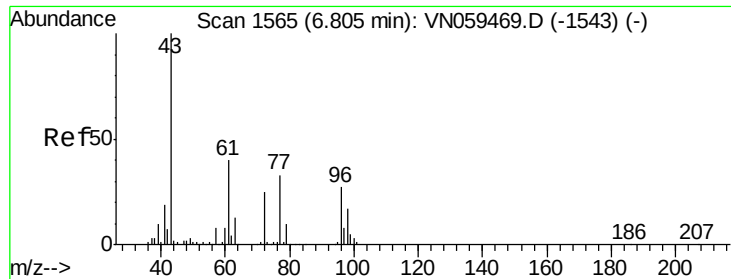


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 82.289 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

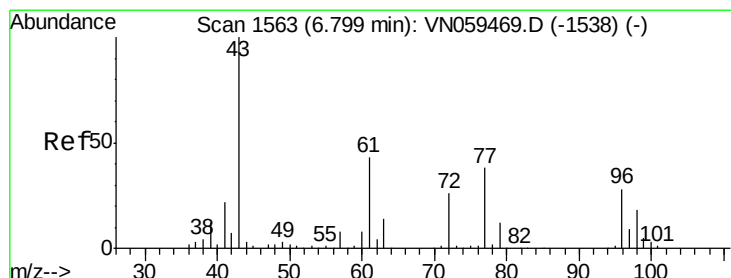
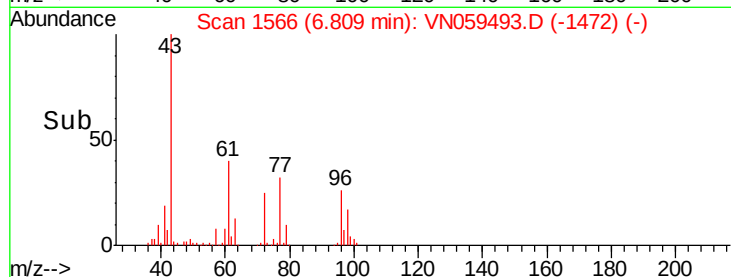
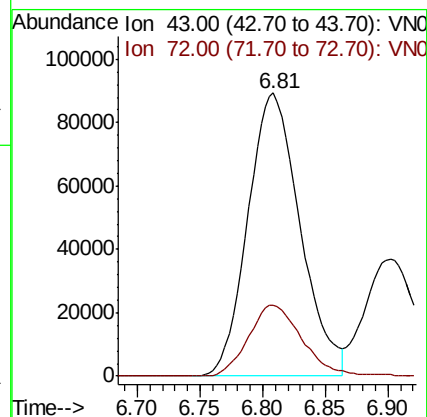
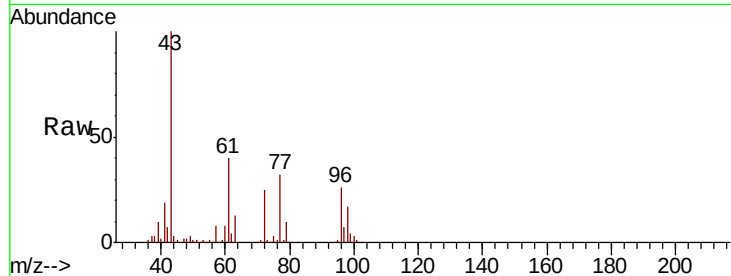
VN1205WBS01

Tot Ion: 43 Resp: 259417

Ion Ratio Lower Upper

43 100

72 25.0 20.2 30.2



#26

2,2-Dichloropropane

Concen: 18.451 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059493.D

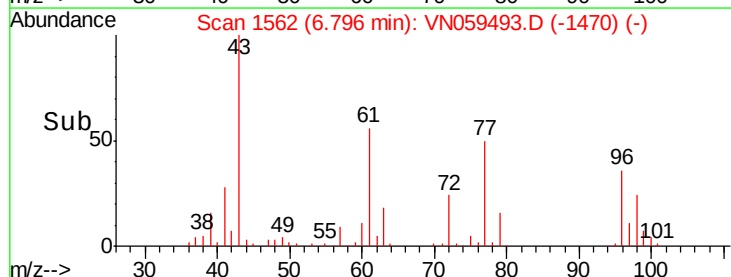
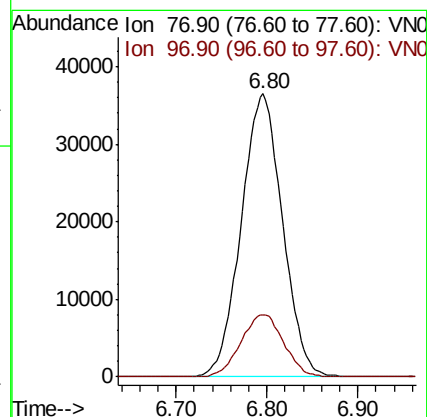
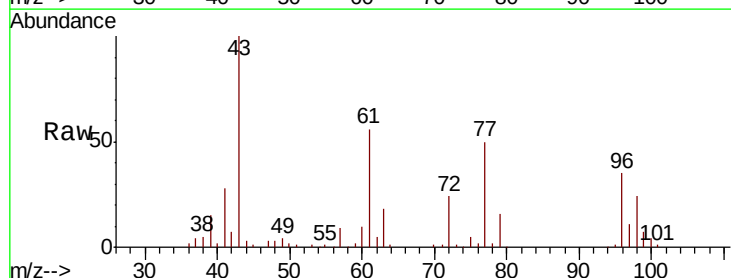
Acq: 5 Dec 2019 12:36

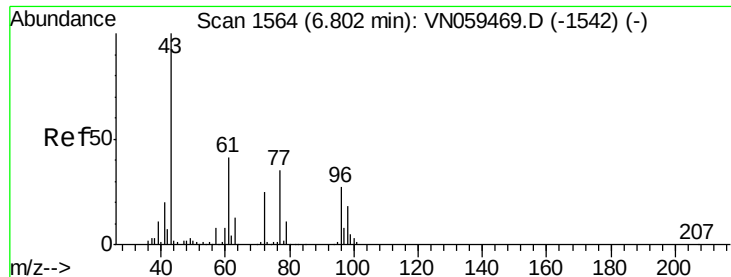
Tgt Ion: 77 Resp: 115088

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 17.933 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

VN1205WBS01

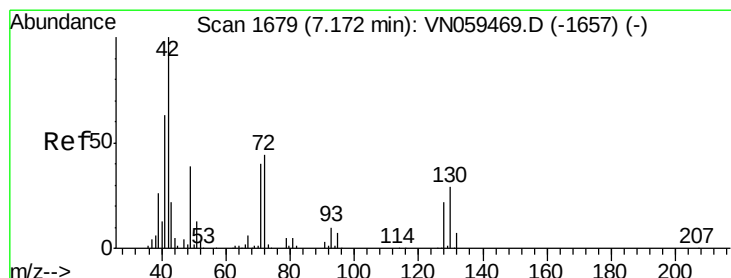
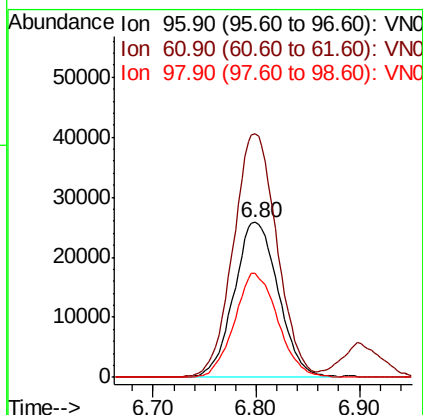
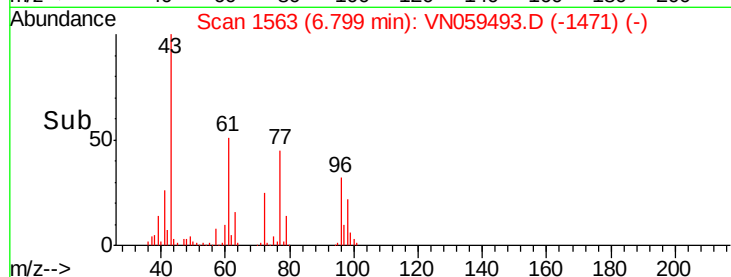
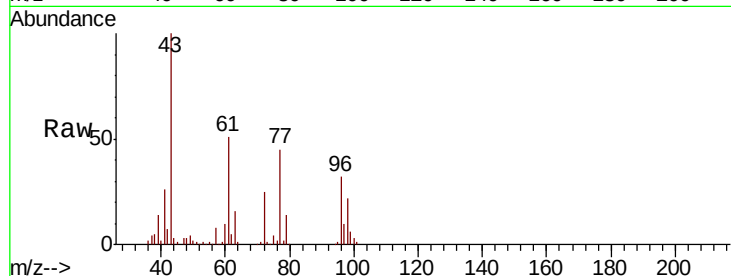
Tot Ion: 96 Resp: 77174

Ion Ratio Lower Upper

96 100

61 155.0 0.0 307.4

98 65.6 0.0 129.2



#28

Bromochloromethane

Concen: 15.904 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

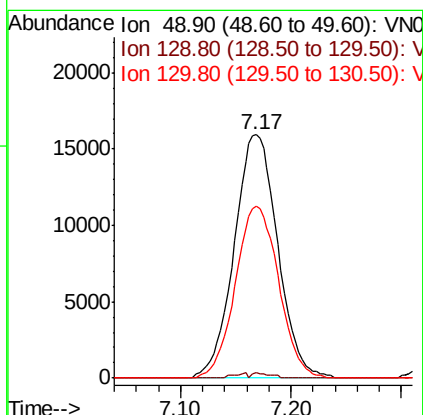
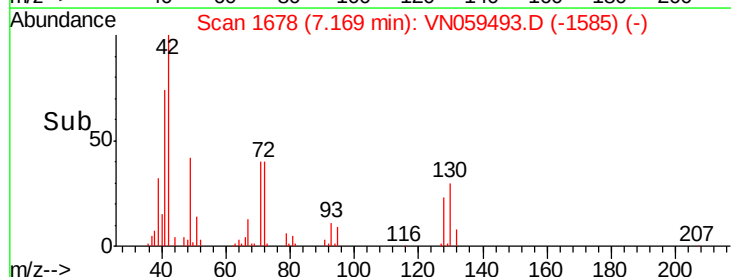
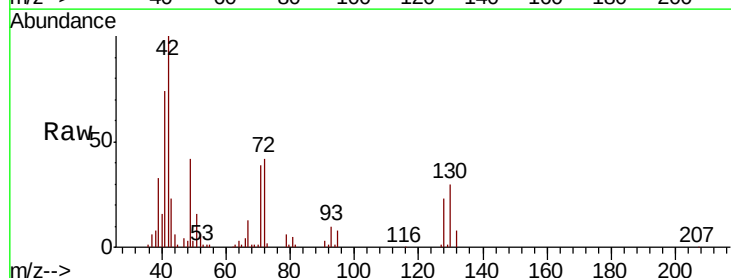
Tgt Ion: 49 Resp: 43522

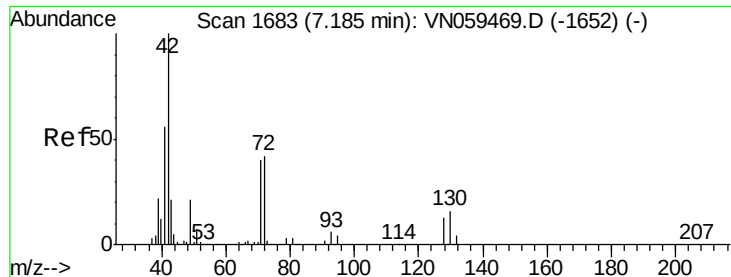
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.2

130 70.3 58.4 87.6





#29

Tetrahydrofuran

Concen: 88.069 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

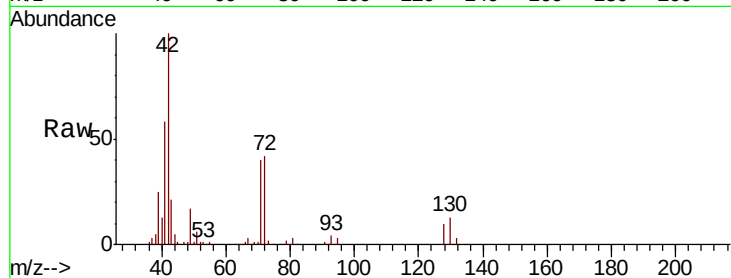
Tot Ion: 42 Resp: 174578

Ion Ratio Lower Upper

42 100

72 42.2 34.2 51.2

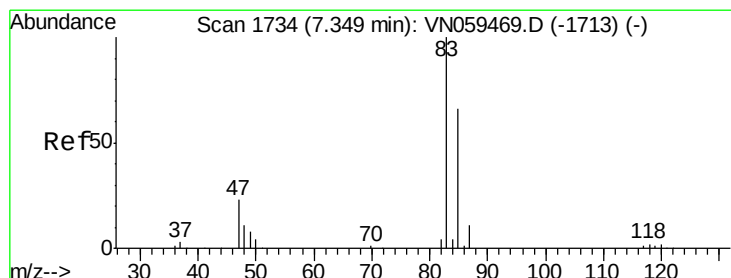
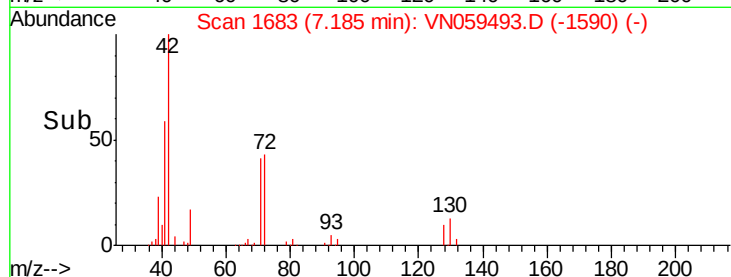
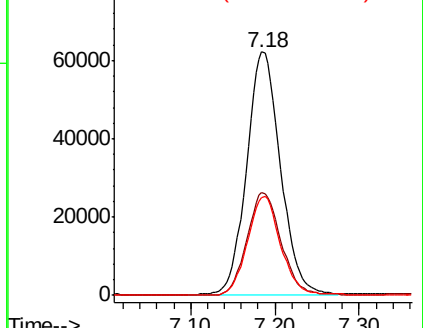
71 39.7 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.238 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN059493.D

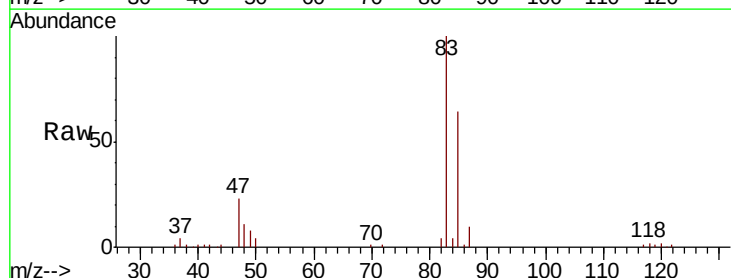
Acq: 5 Dec 2019 12:36

Tgt Ion: 83 Resp: 126994

Ion Ratio Lower Upper

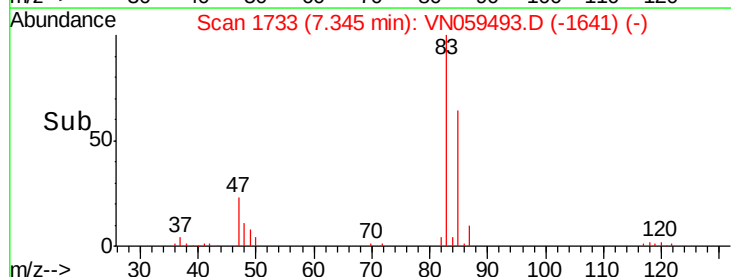
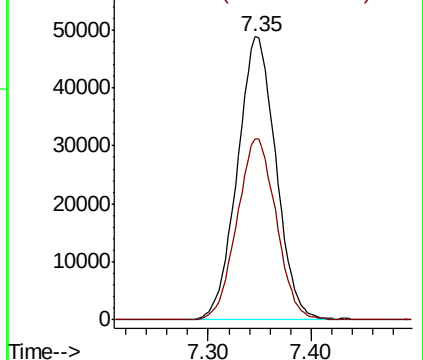
83 100

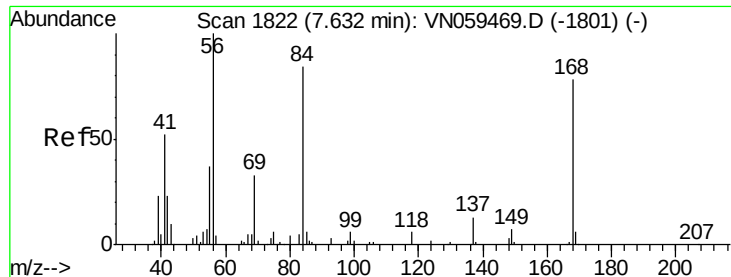
85 63.8 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

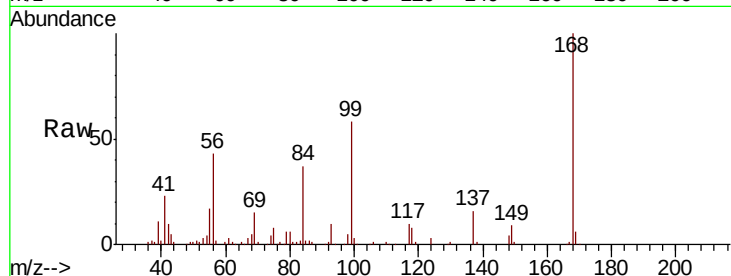




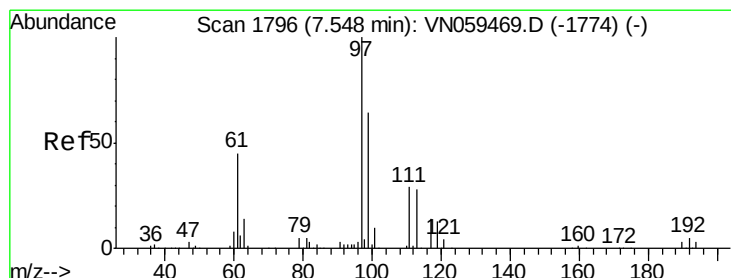
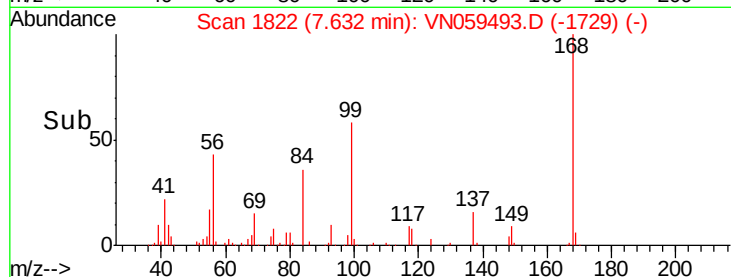
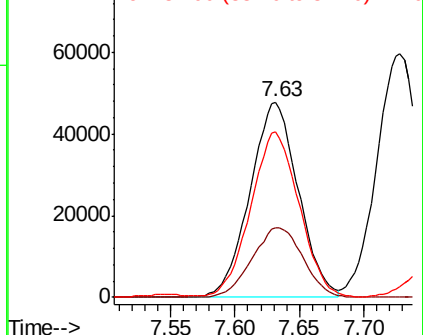
#31
Cyclohexane
Concen: 17.835 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tot Ion: 56 Resp: 124626
Ion Ratio Lower Upper
56 100
69 35.9 26.2 39.4
84 84.3 66.8 100.2

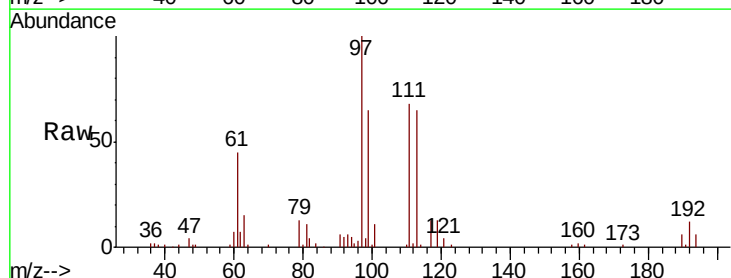


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

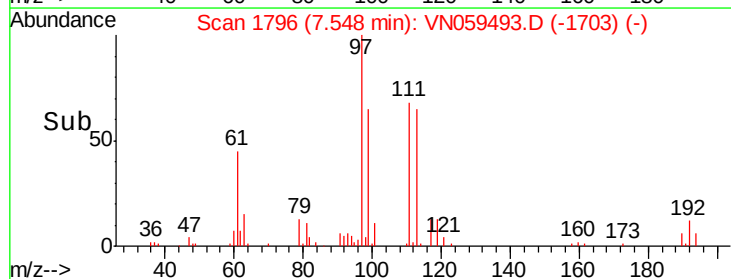
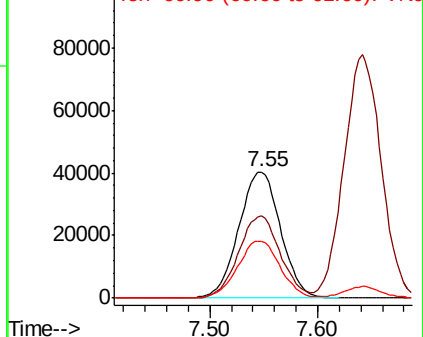


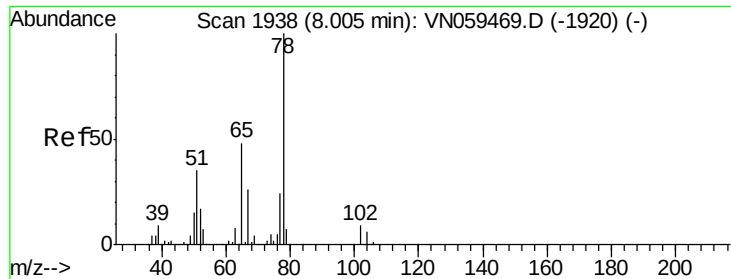
#32
1,1,1-Trichloroethane
Concen: 17.939 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 97 Resp: 108568
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 46.2 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

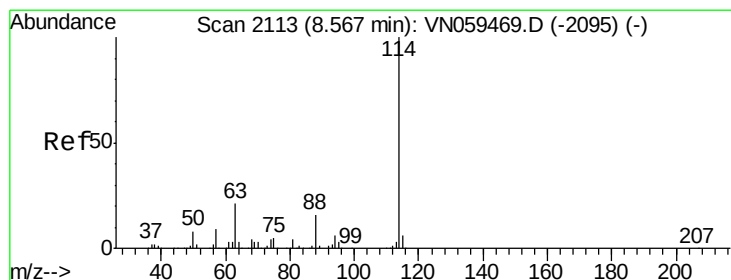
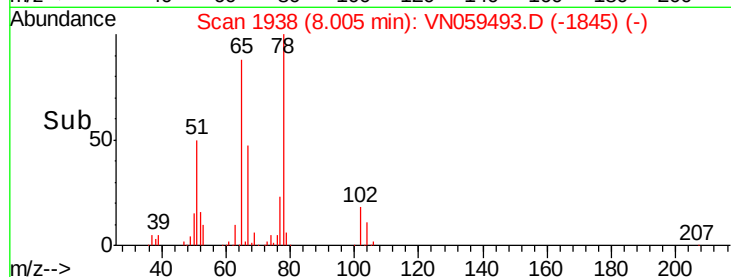
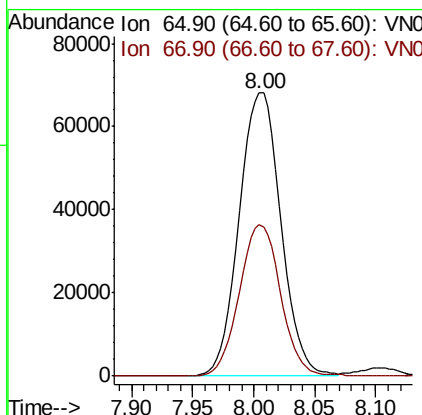
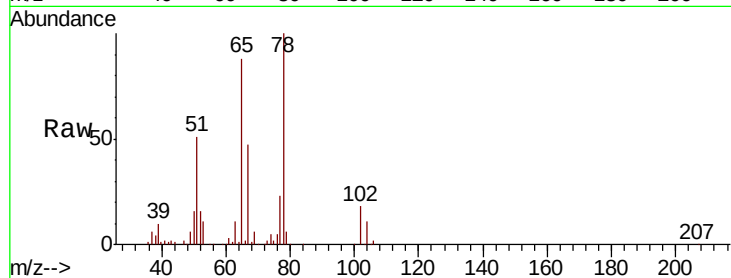




#33
 1,2-Dichloroethane-d4
 Concen: 38.952 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

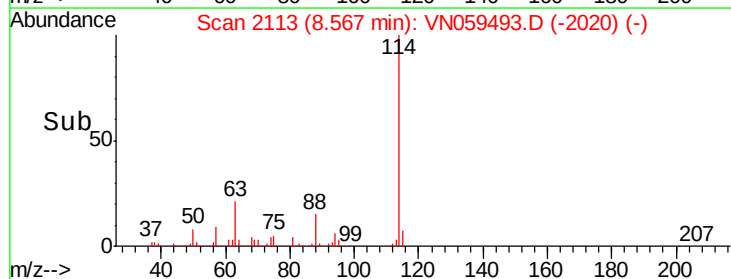
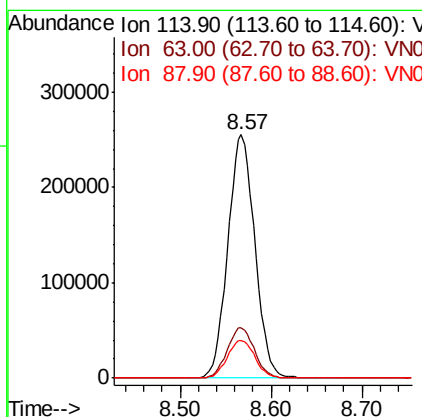
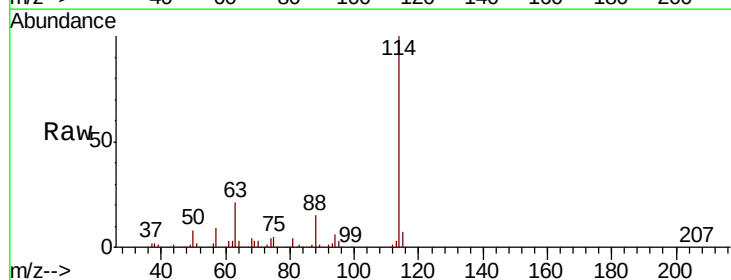
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

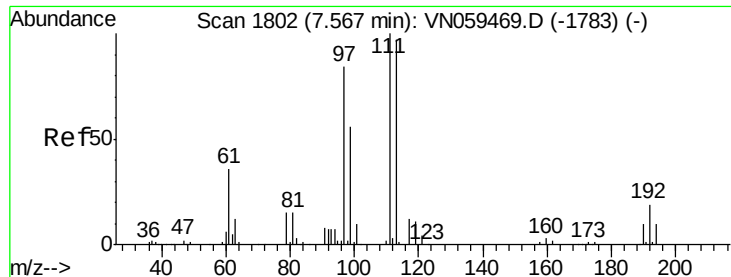
Tot Ion: 65 Resp: 161560
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Tgt Ion: 114 Resp: 525847
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 15.5 0.0 32.8

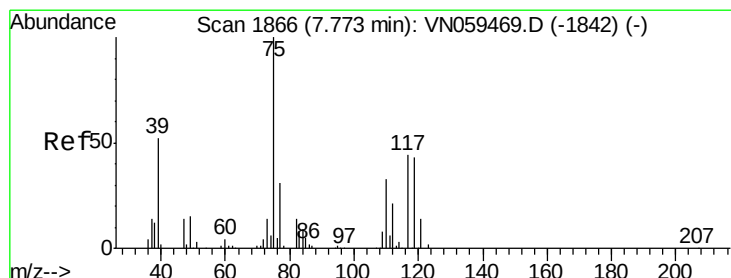
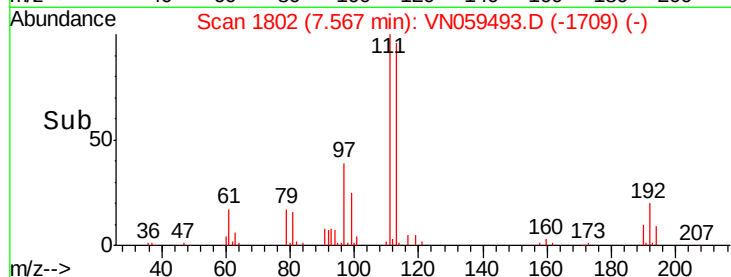
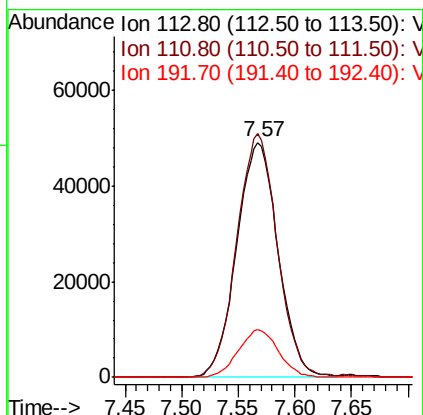
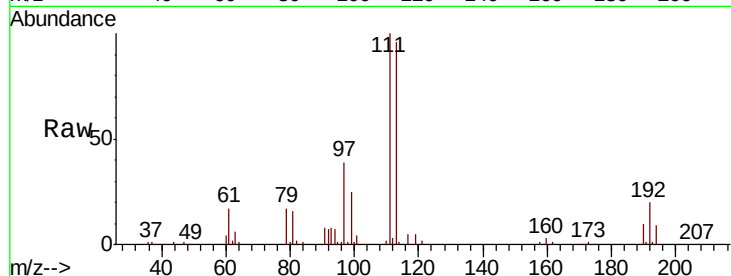




#35
 Dibromofluoromethane
 Concen: 38.249 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

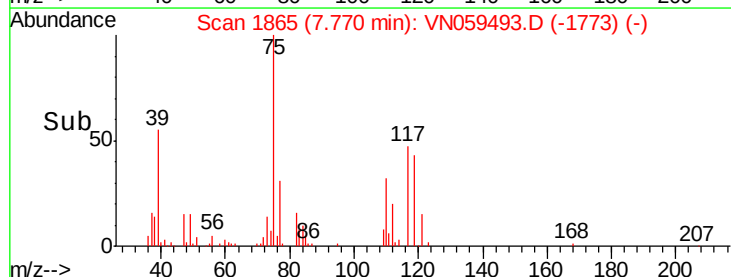
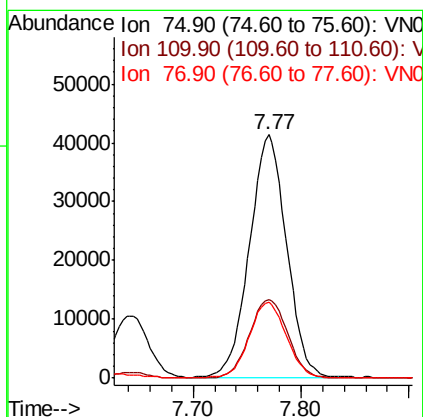
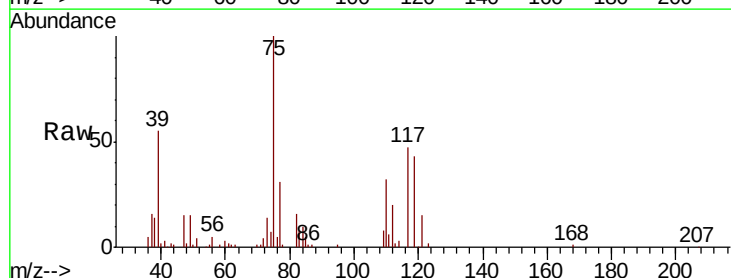
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

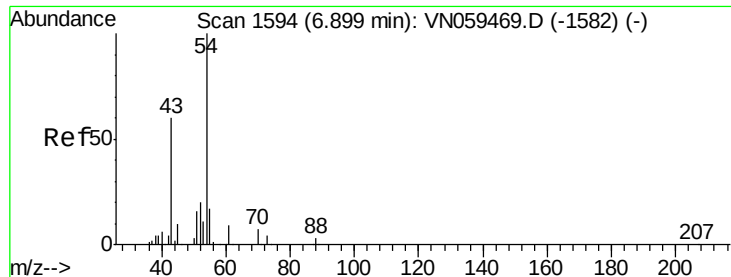
Tot Ion:113 Resp: 125270
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.5 123.7
 192 19.6 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 18.135 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Tgt Ion: 75 Resp: 99236
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.9 50.7
 77 31.2 25.1 37.7

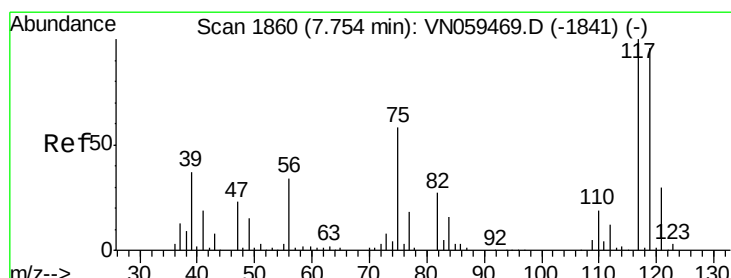
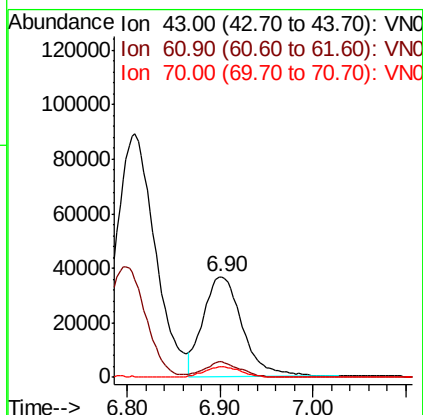
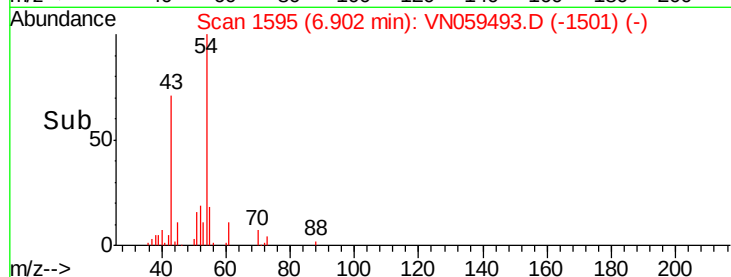
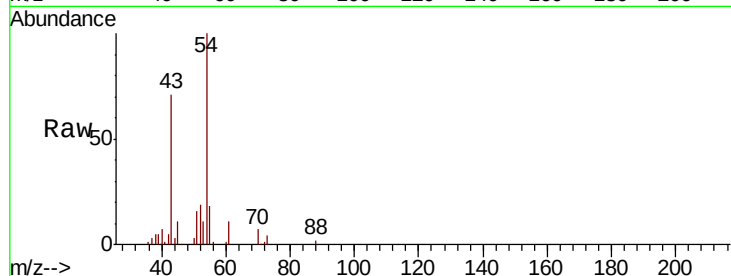




#37
Ethyl Acetate
Concen: 17.559 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

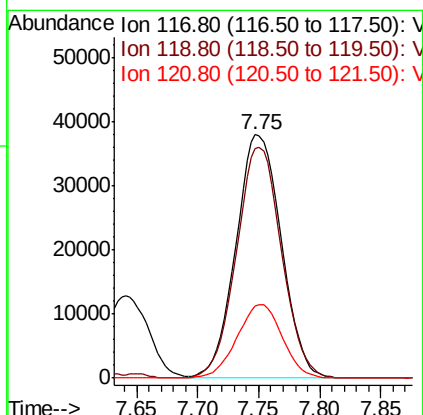
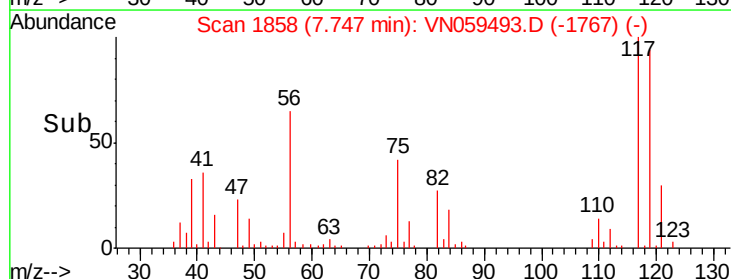
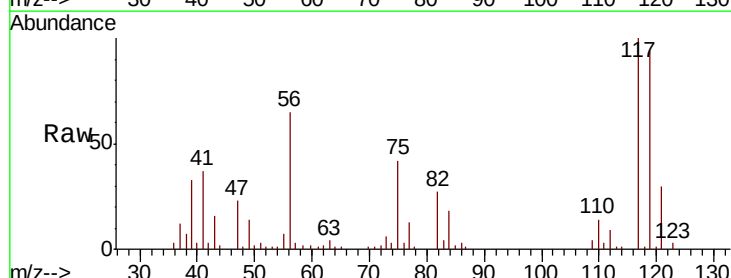
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

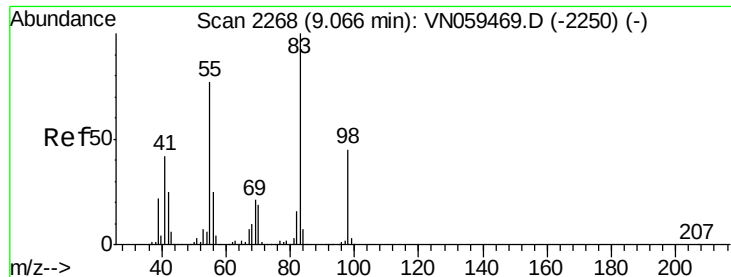
Tot Ion: 43 Resp: 107326
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 10.0 8.3 12.5



#38
Carbon Tetrachloride
Concen: 18.597 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 117 Resp: 97876
Ion Ratio Lower Upper
117 100
119 94.2 76.6 114.8
121 29.7 24.0 36.0

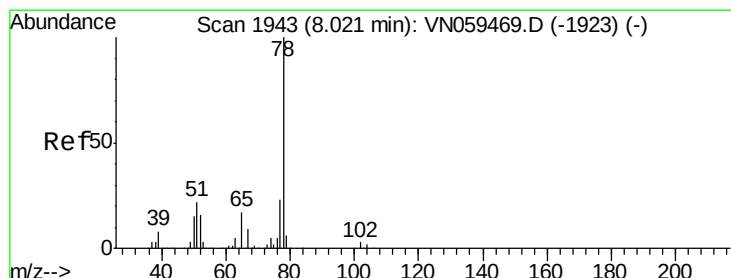
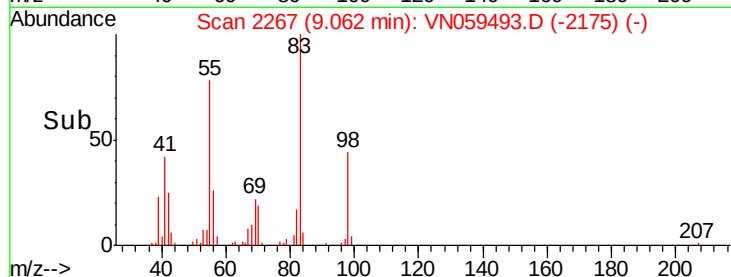
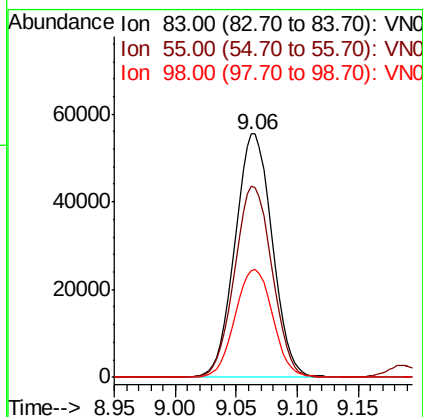
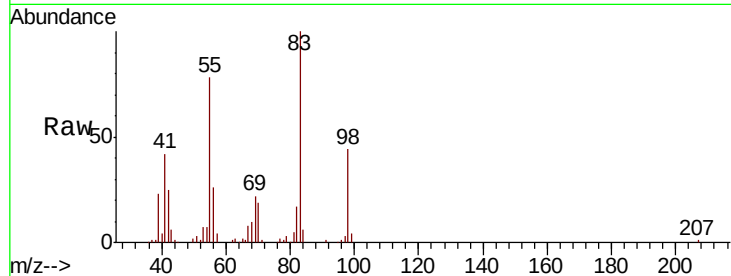




#39
Methylvlcyclohexane
Concen: 17.831 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

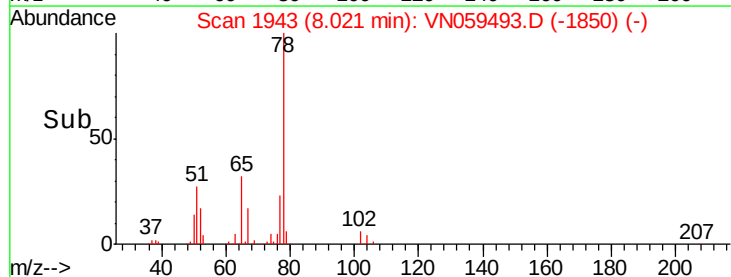
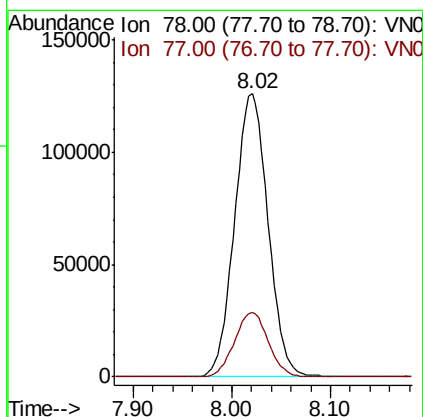
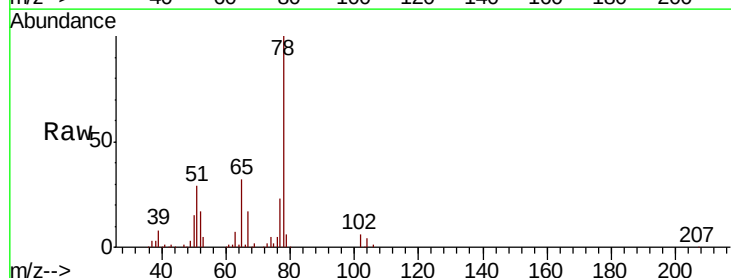
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

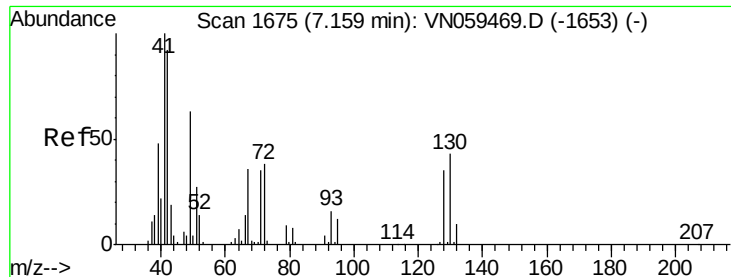
Tot Ion: 83 Resp: 117423
Ion Ratio Lower Upper
83 100
55 78.4 61.8 92.6
98 43.9 36.2 54.2



#40
Benzene
Concen: 18.449 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 78 Resp: 295637
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.2

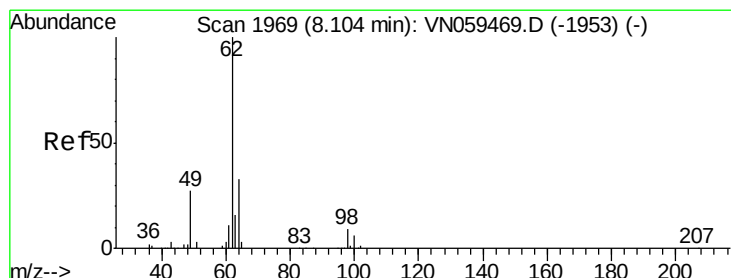
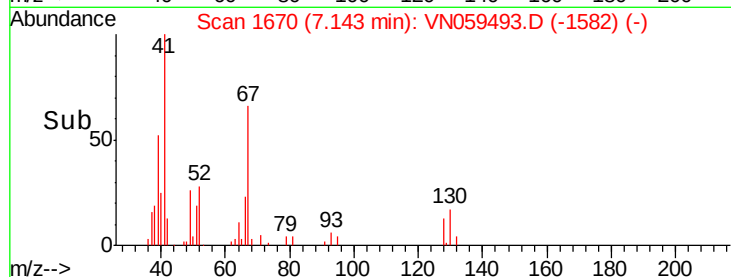
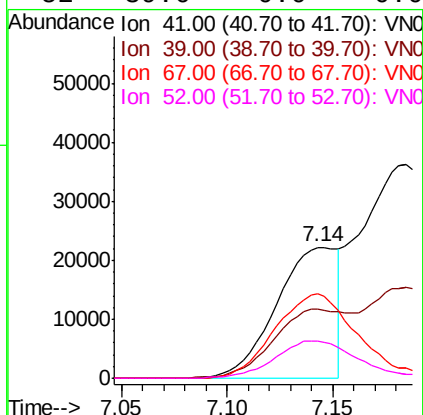
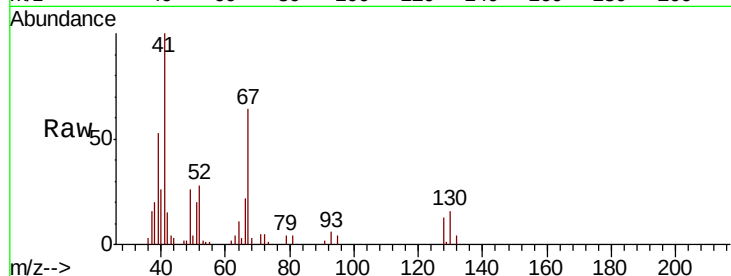




#41
Methacrylonitrile
Concen: 18.083 ug/l
RT: 7.14 min Scan# 1670
Delta R.T. -0.02 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

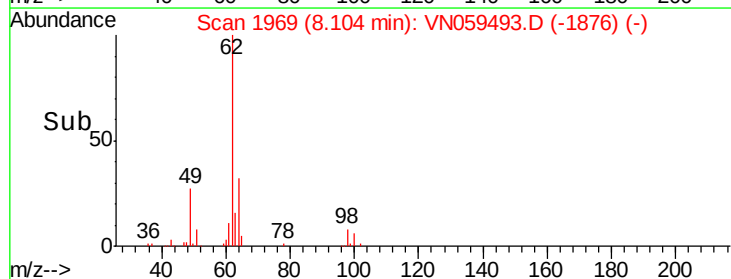
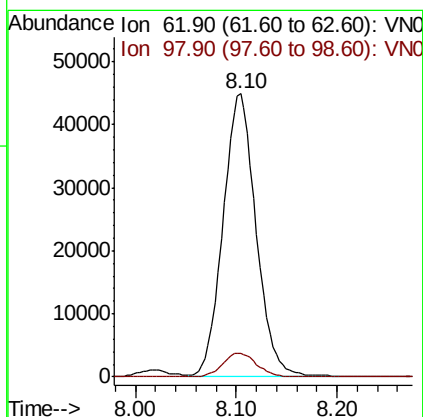
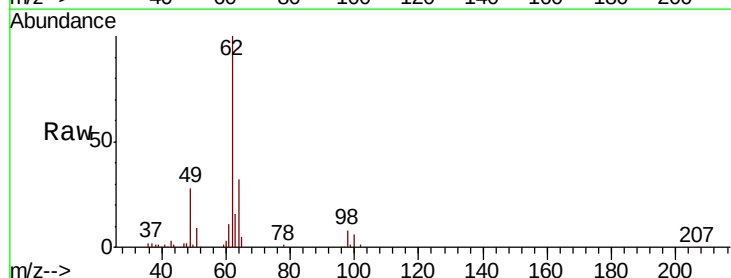
Instrument :
MSVOA_N
ClientSampled :
VN1205WBS01

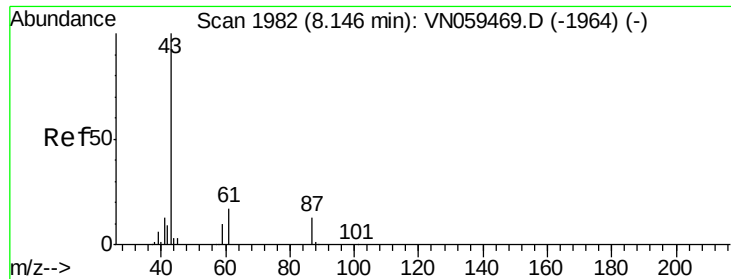
Tot Ion:	41	Resp:	44795
Ion	Ratio	Lower	Upper
41	100		
39	63.7	0.0	0.0#
67	87.9	0.0	0.0#
52	39.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.848 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion:	62	Resp:	102597
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8



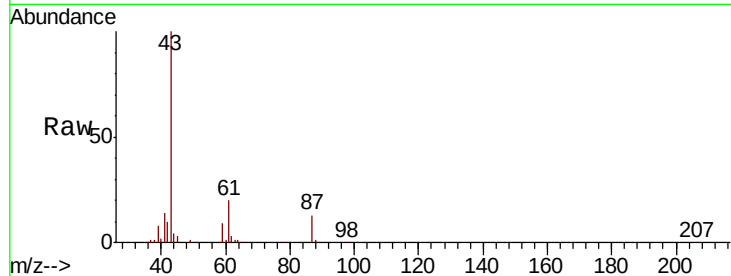


#43

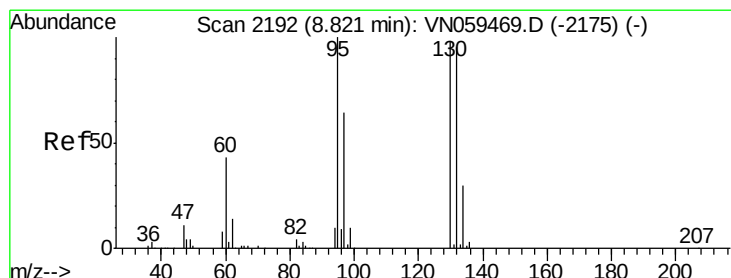
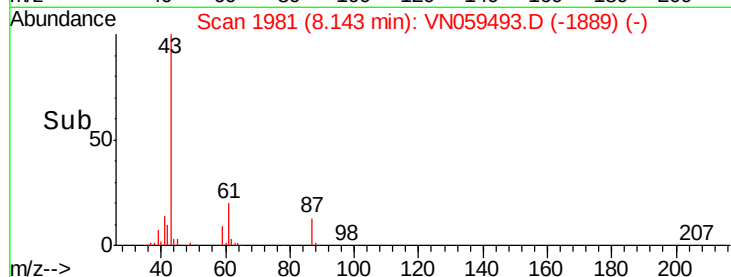
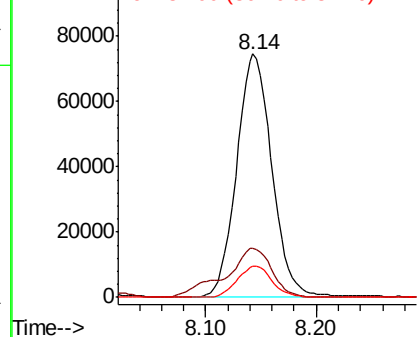
Isopropyl Acetate
 Concen: 18.008 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Tot Ion: 43 Resp: 163711
 Ion Ratio Lower Upper
 43 100
 61 26.8 21.0 31.6
 87 12.8 10.4 15.6



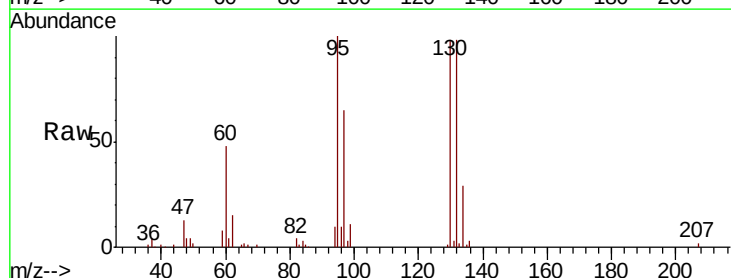
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



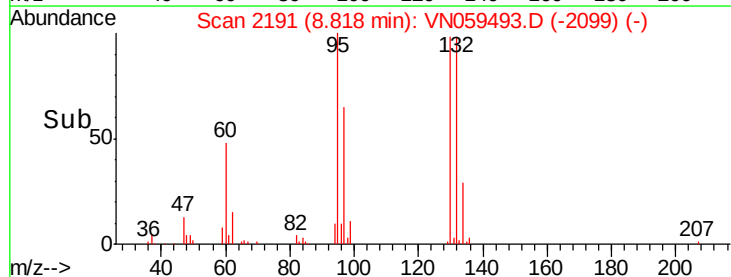
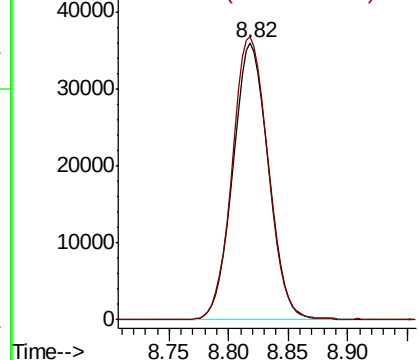
#44

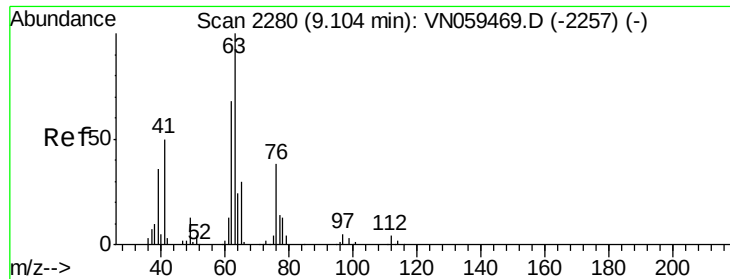
Trichloroethene
 Concen: 17.787 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Tgt Ion: 130 Resp: 74485
 Ion Ratio Lower Upper
 130 100
 95 102.2 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: 18.767 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

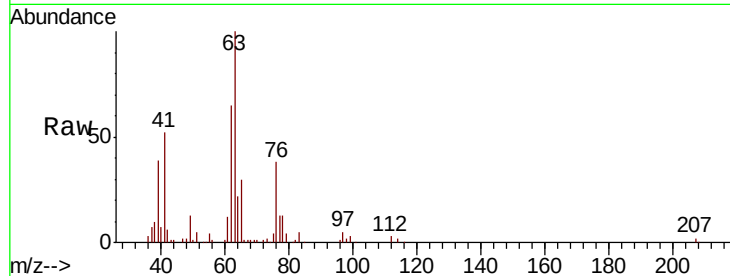
VN1205WBS01

Tot Ion: 63 Resp: 80344

Ion Ratio Lower Upper

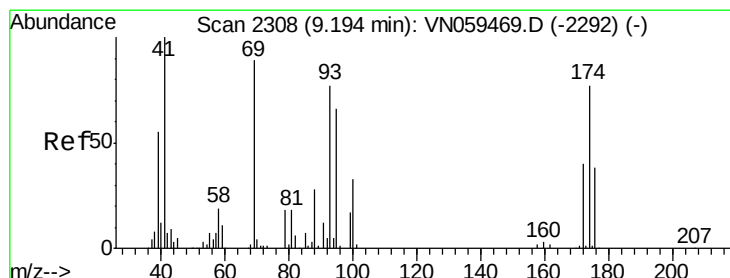
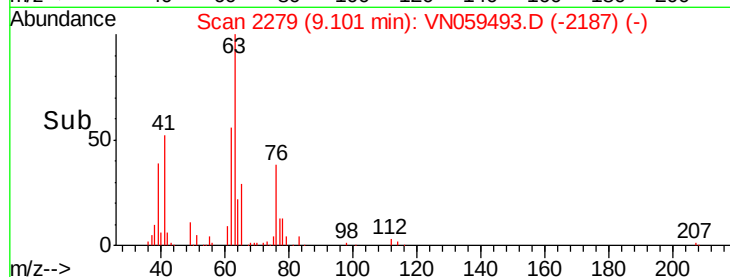
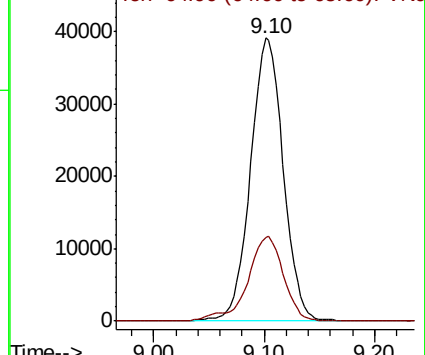
63 100

65 29.7 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: 18.423 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

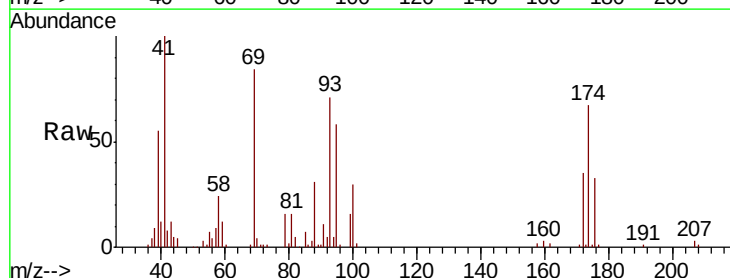
Tgt Ion: 93 Resp: 49104

Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.6

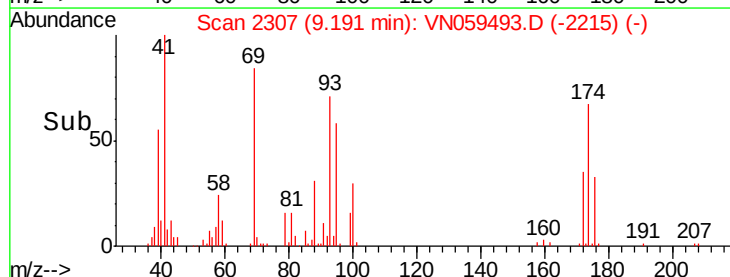
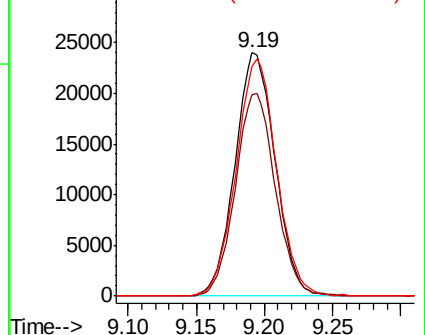
174 97.9 79.6 119.4

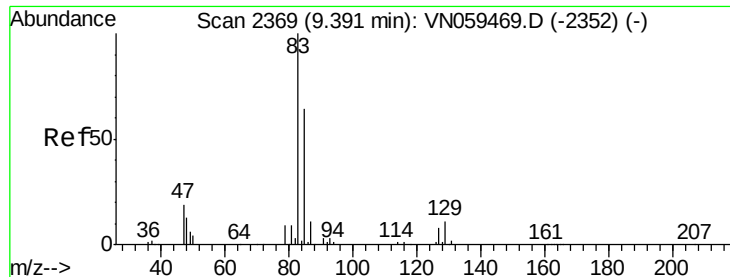


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

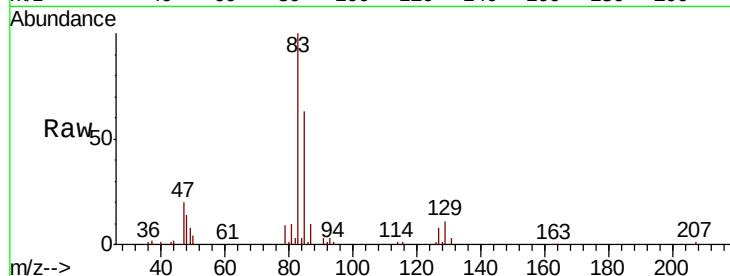




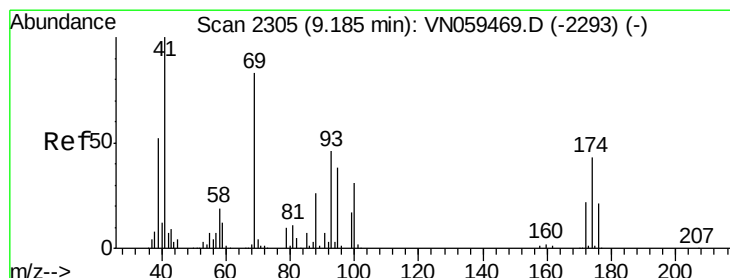
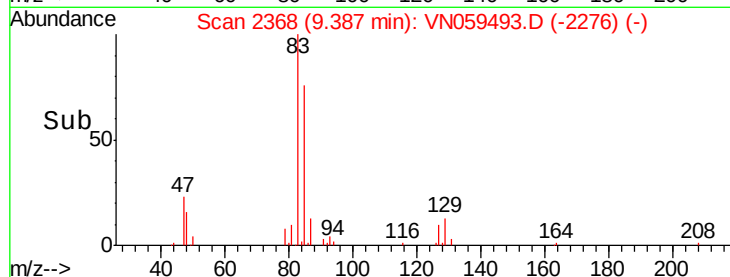
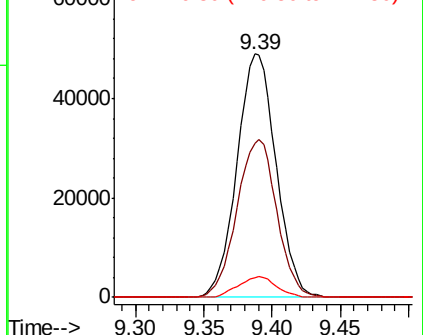
#47
Bromodichloromethane
Concen: 18.210 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tot Ion: 83 Resp: 97317
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6
127 8.2 6.6 9.8

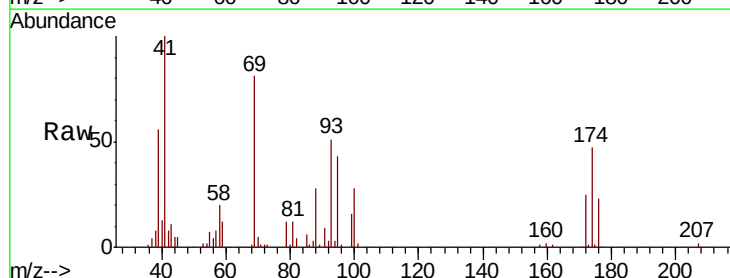


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V

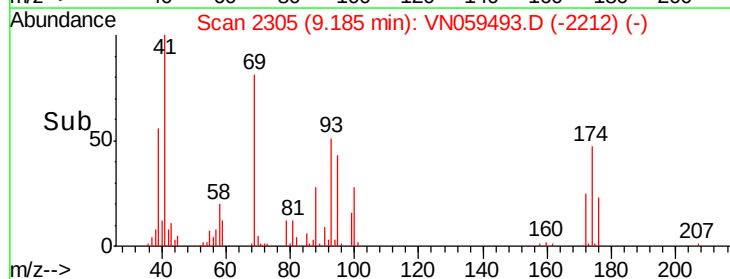
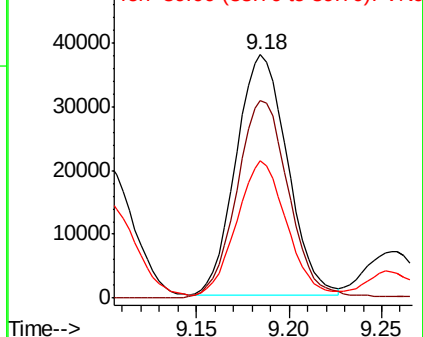


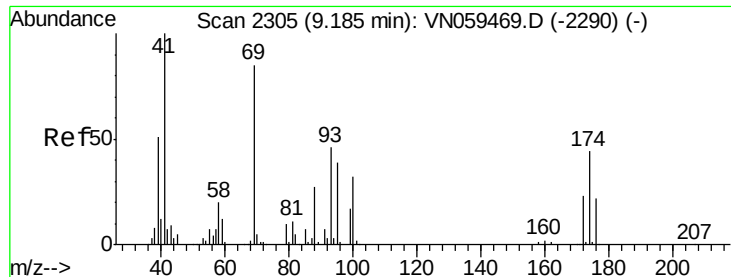
#48
Methyl methacrylate
Concen: 17.617 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 41 Resp: 72258
Ion Ratio Lower Upper
41 100
69 84.1 68.6 103.0
39 56.0 43.2 64.8



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

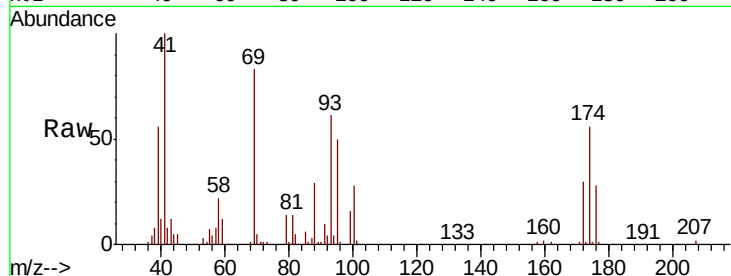




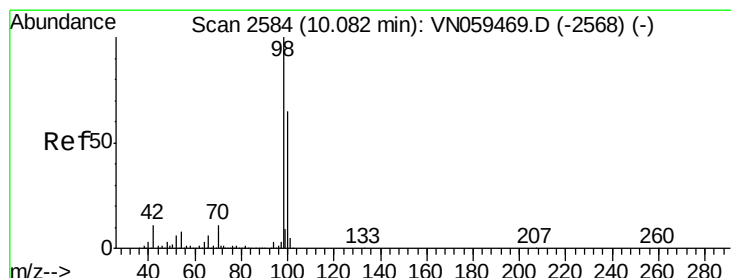
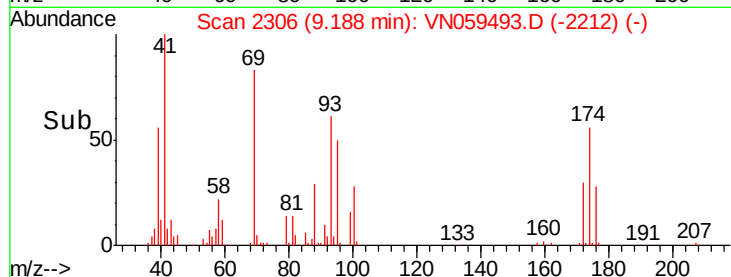
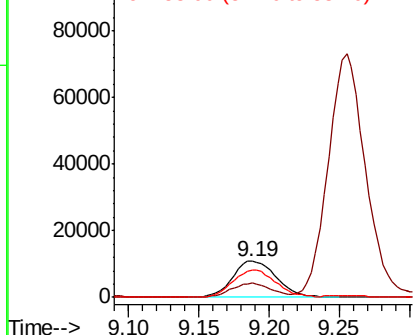
#49
1,4-Dioxane
Concen: 386.128 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tot Ion: 88 Resp: 23964
Ion Ratio Lower Upper
88 100
43 35.5 27.1 40.7
58 73.3 57.8 86.6

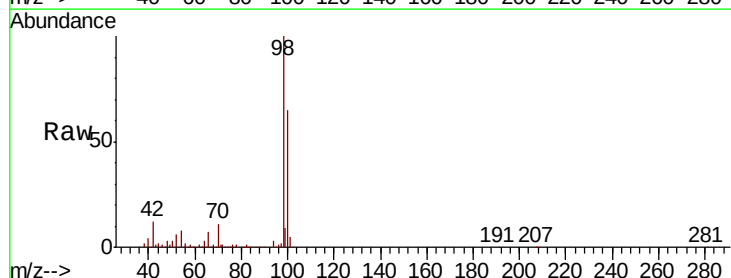


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

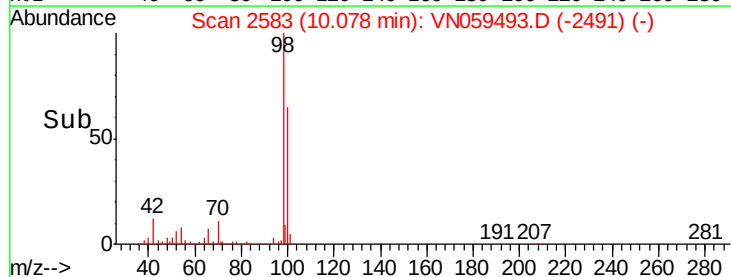
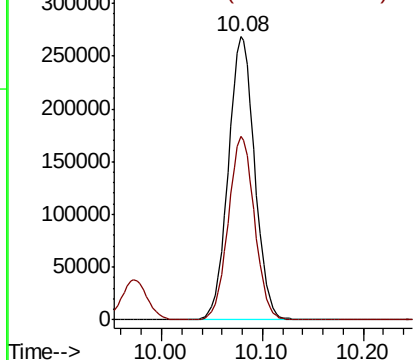


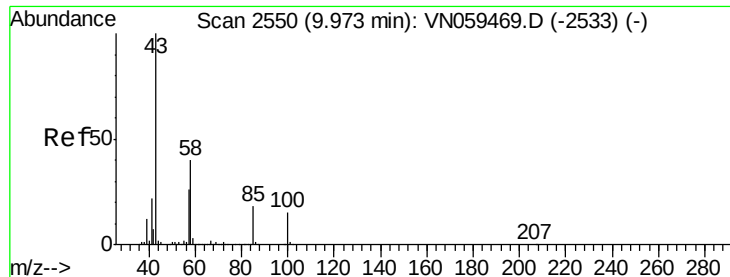
#50
Toluene-d8
Concen: 37.832 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 98 Resp: 488524
Ion Ratio Lower Upper
98 100
100 64.6 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: 92.468 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

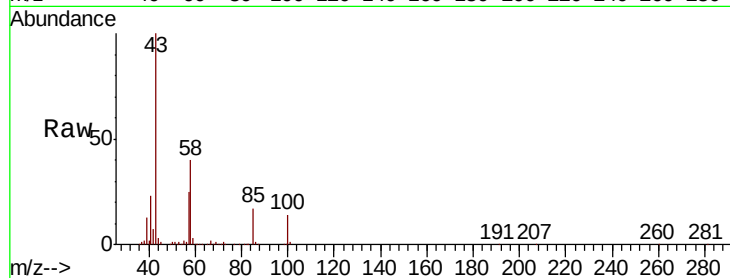
VN1205WBS01

Tot Ion: 43 Resp: 498993

Ion Ratio Lower Upper

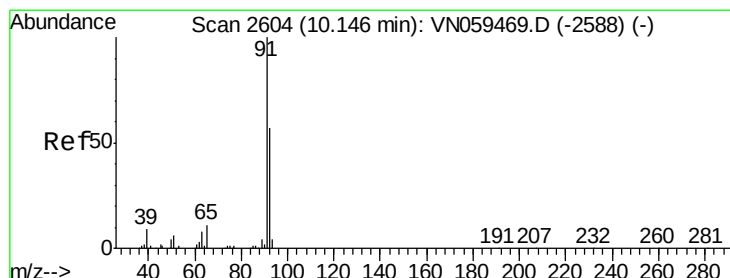
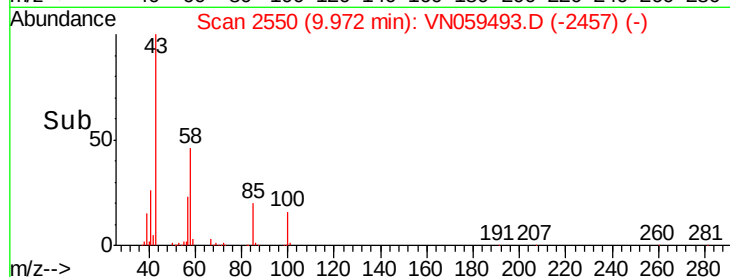
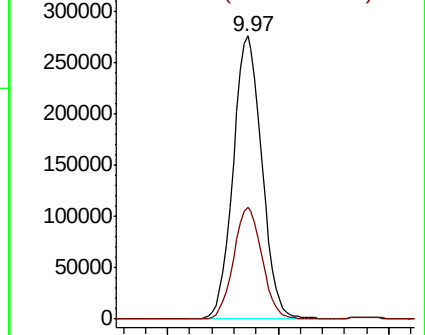
43 100

58 39.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.478 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059493.D

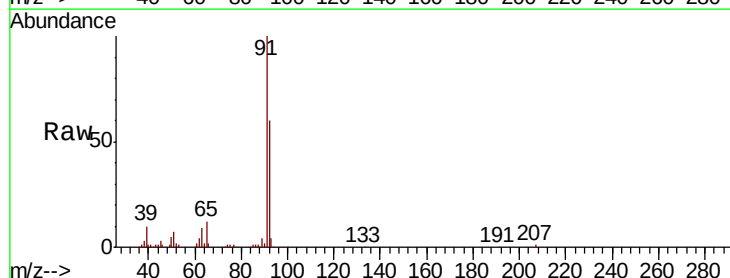
Acq: 5 Dec 2019 12:36

Tgt Ion: 92 Resp: 179073

Ion Ratio Lower Upper

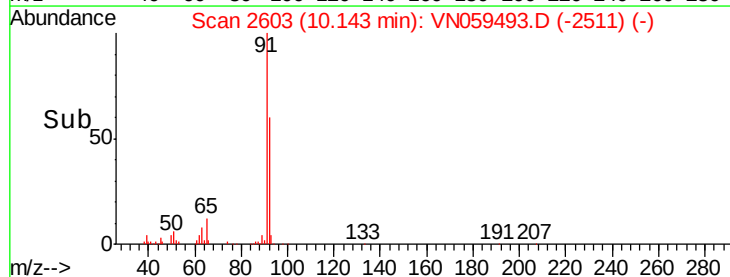
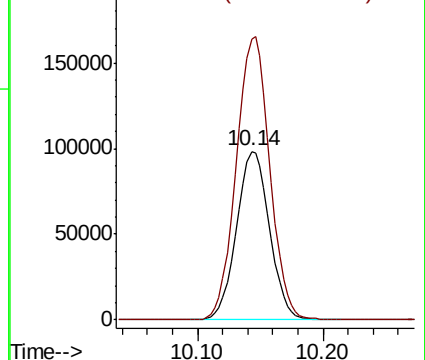
92 100

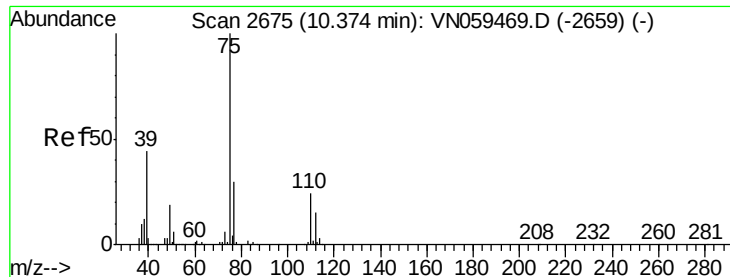
91 171.5 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.926 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

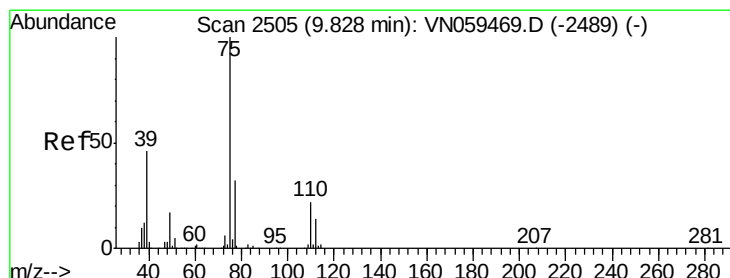
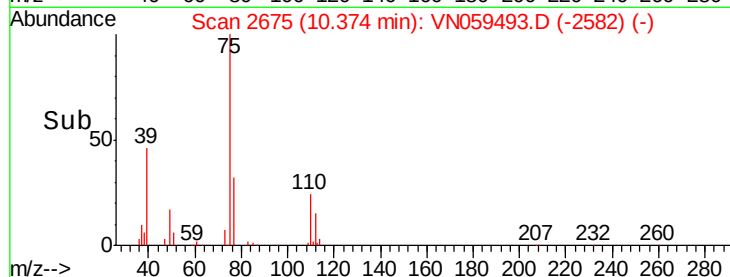
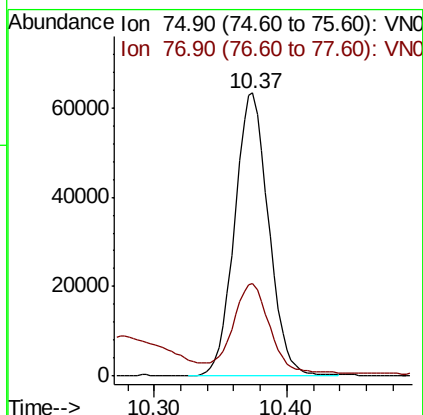
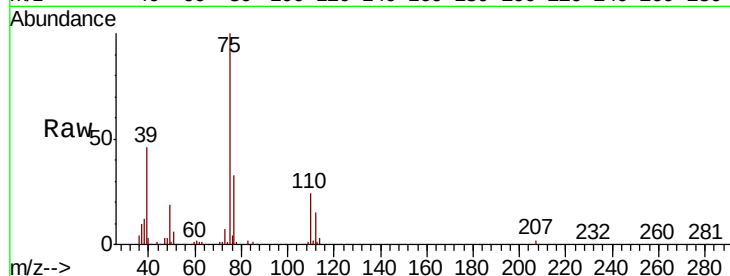
VN1205WBS01

Tot Ion: 75 Resp: 112732

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.575 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

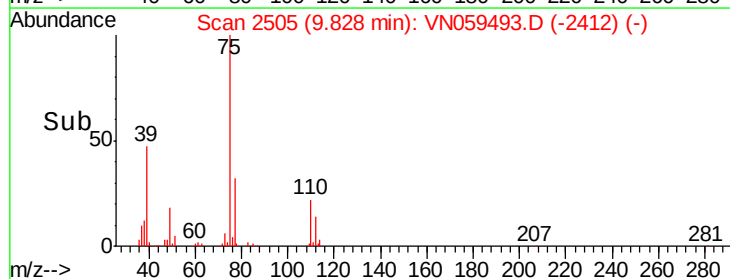
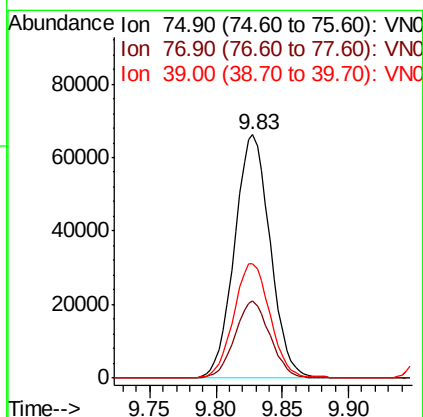
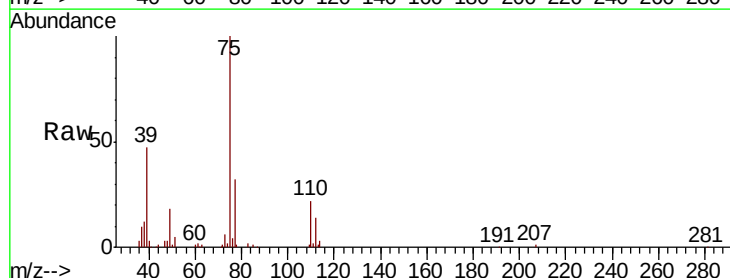
Tgt Ion: 75 Resp: 123812

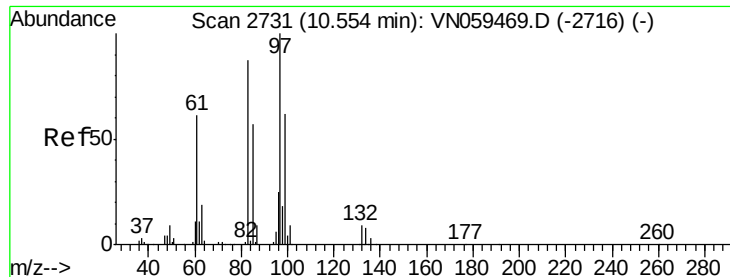
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 47.2 36.6 54.8

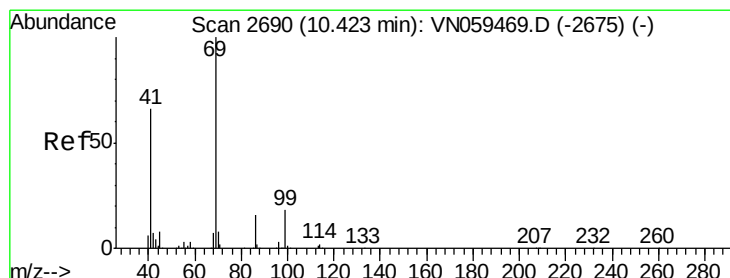
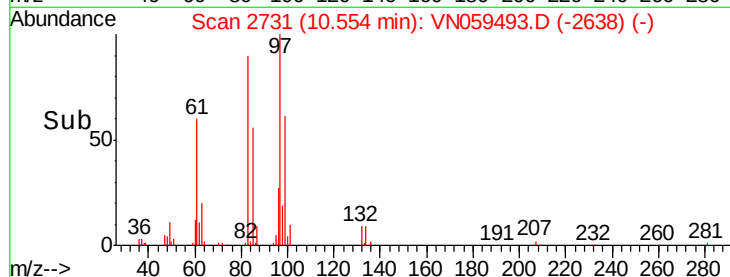
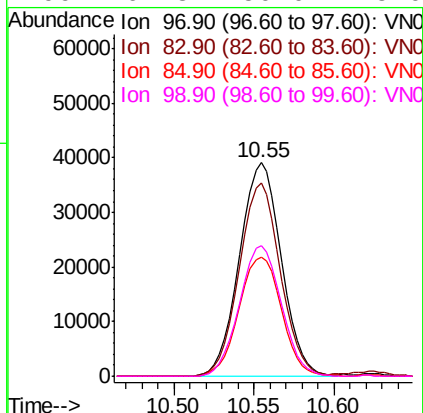
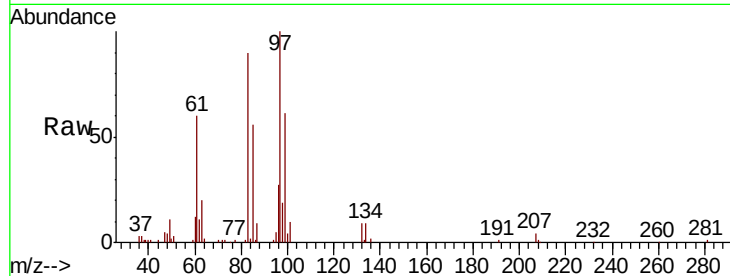




#55
 1,1,2-Trichloroethane
 Concen: 18.284 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

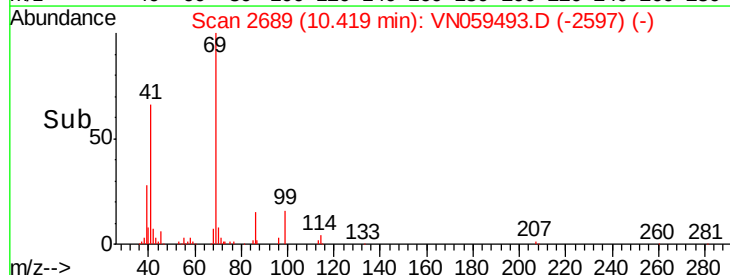
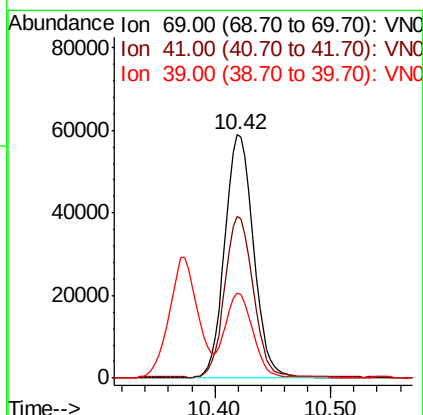
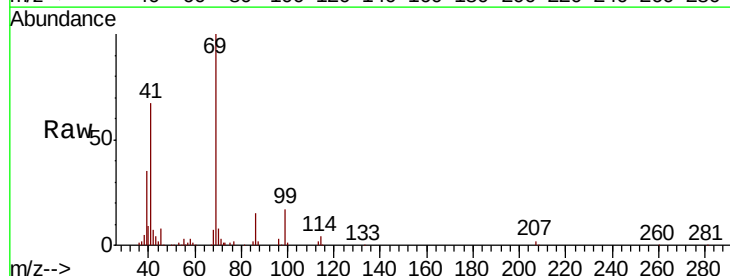
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

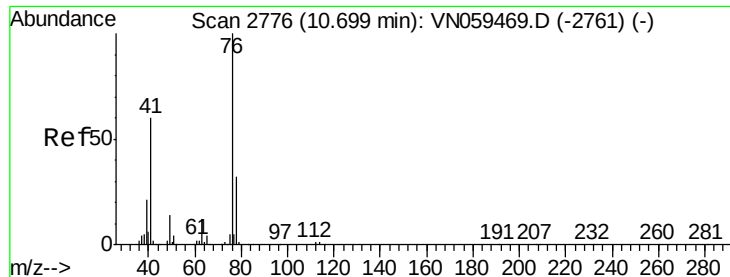
Tot Ion: 97 Resp: 69851
 Ion Ratio Lower Upper
 97 100
 83 90.3 69.8 104.8
 85 55.8 45.5 68.3
 99 61.3 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 17.322 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Tgt Ion: 69 Resp: 101092
 Ion Ratio Lower Upper
 69 100
 41 65.0 52.7 79.1
 39 33.1 25.0 37.6





#57

1,3-Dichloropropane

Concen: 18.379 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

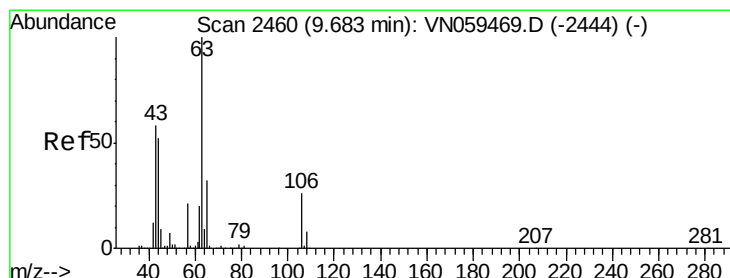
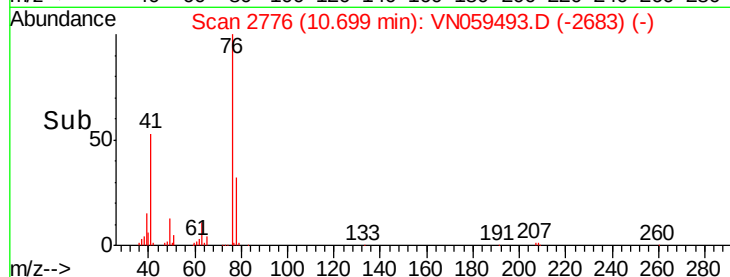
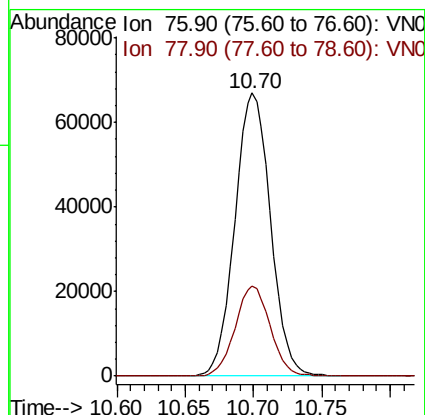
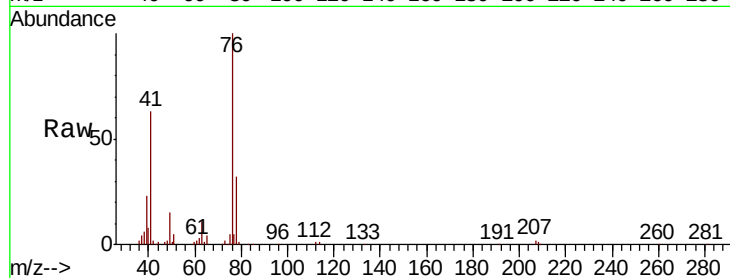
VN1205WBS01

Tot Ion: 76 Resp: 121421

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 84.067 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059493.D

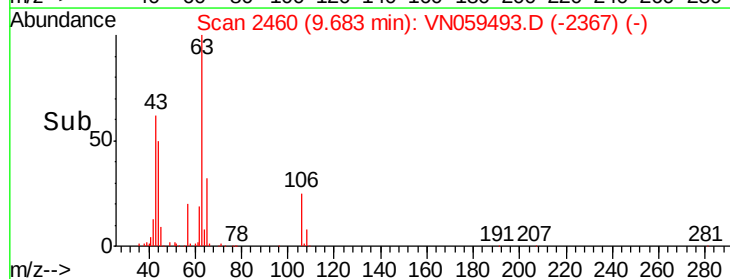
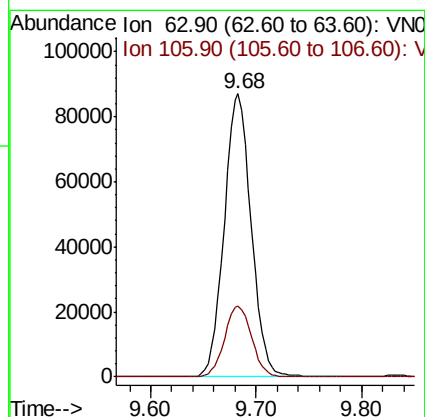
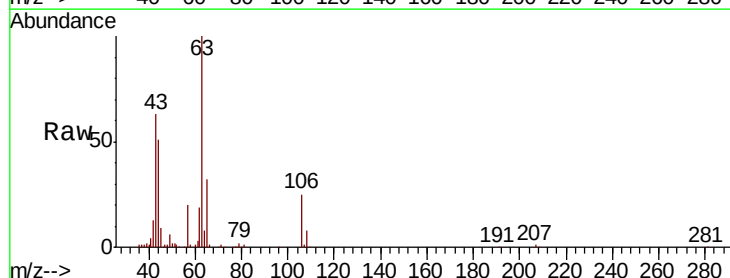
Acq: 5 Dec 2019 12:36

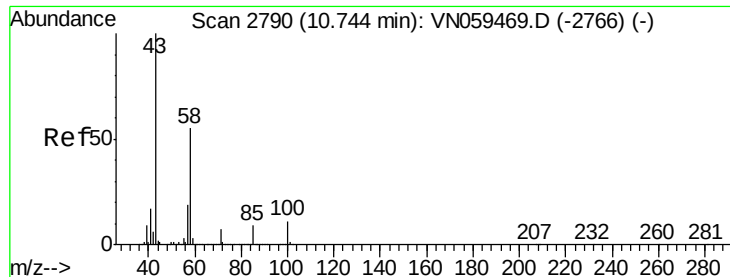
Tgt Ion: 63 Resp: 153714

Ion Ratio Lower Upper

63 100

106 25.4 20.4 30.6

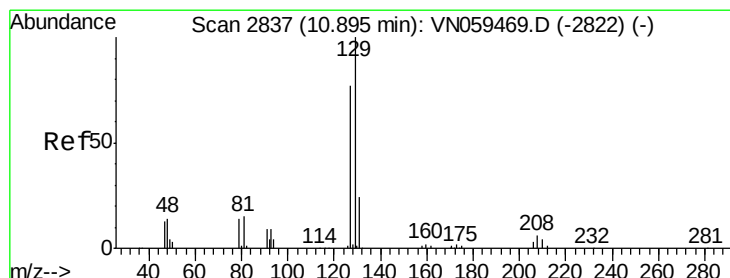
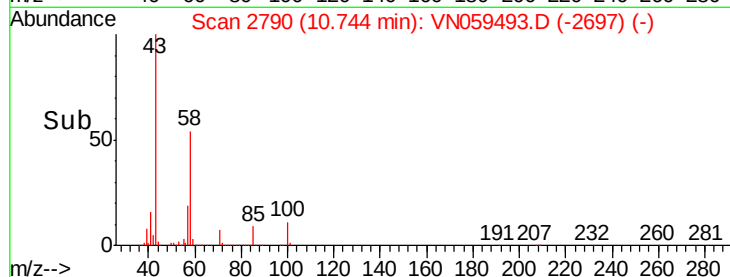
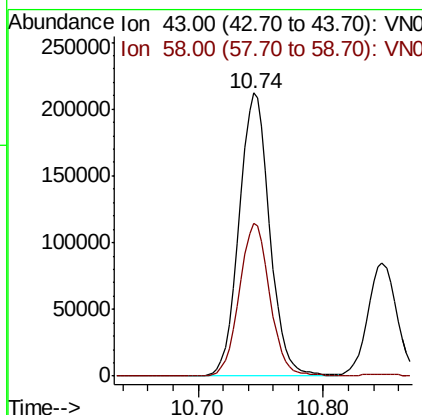
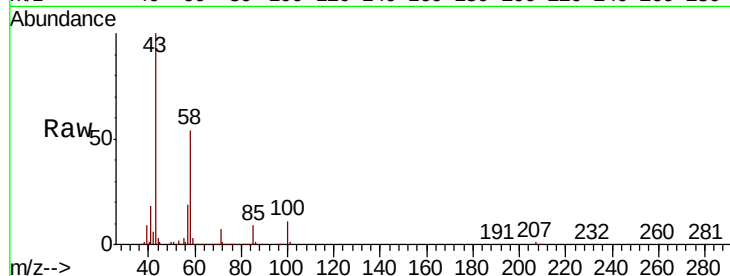




#59
2-Hexanone
Concen: 88.371 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

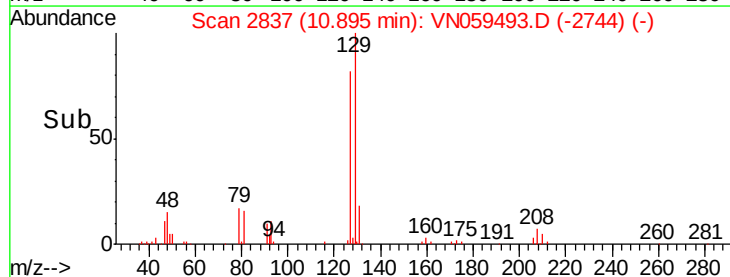
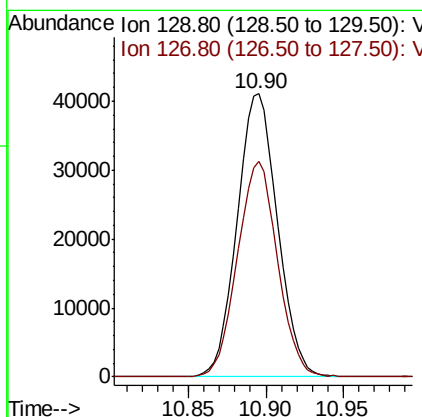
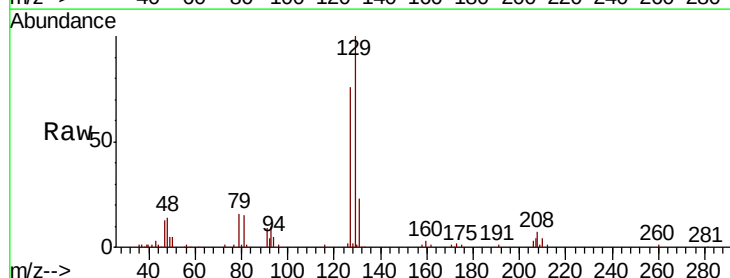
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

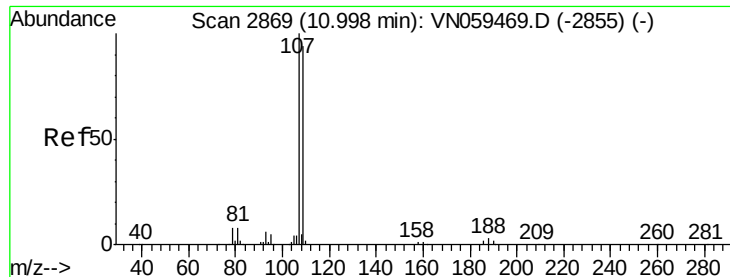
Tot Ion: 43 Resp: 358889
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.0



#60
Dibromochloromethane
Concen: 18.272 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 129 Resp: 74535
Ion Ratio Lower Upper
129 100
127 75.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 17.988 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

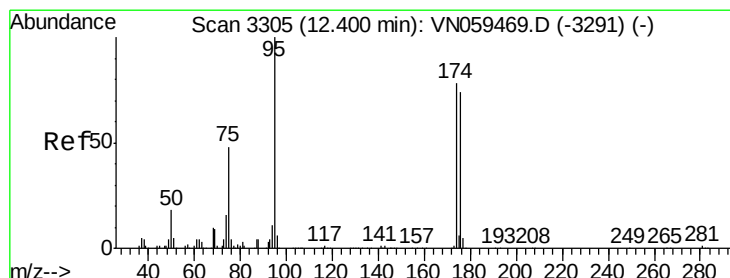
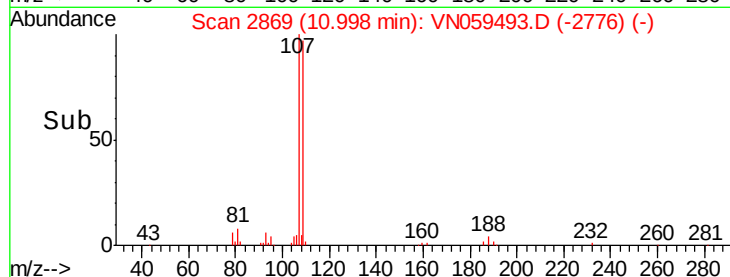
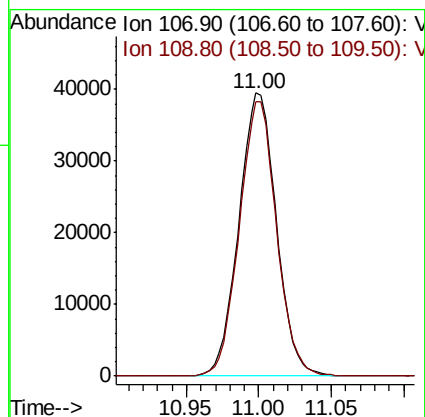
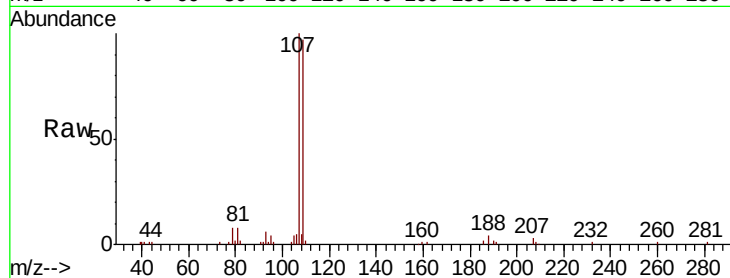
VN1205WBS01

Tot Ion:107 Resp: 71012

Ion Ratio Lower Upper

107 100

109 96.1 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 37.474 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

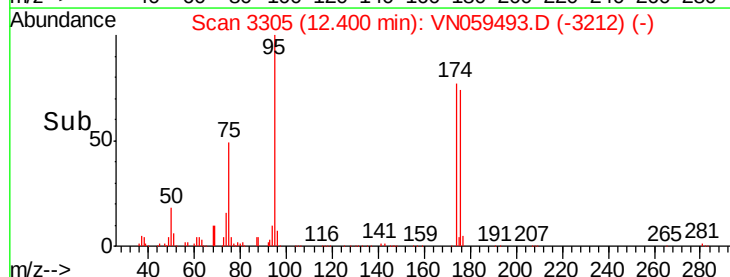
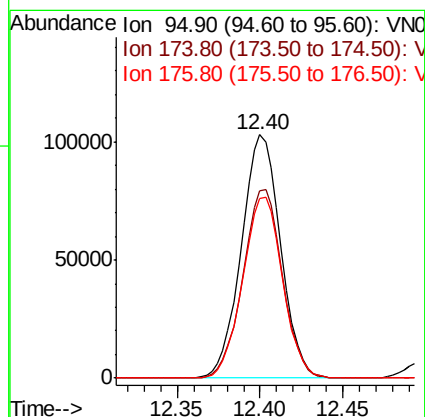
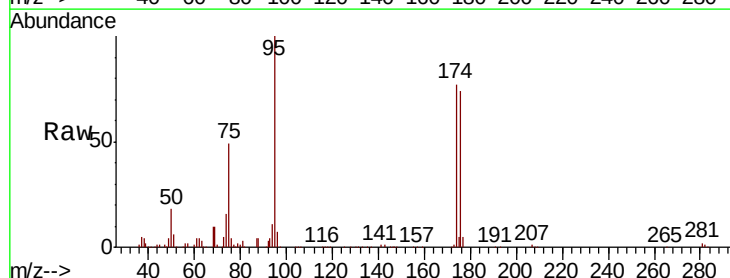
Tgt Ion: 95 Resp: 168995

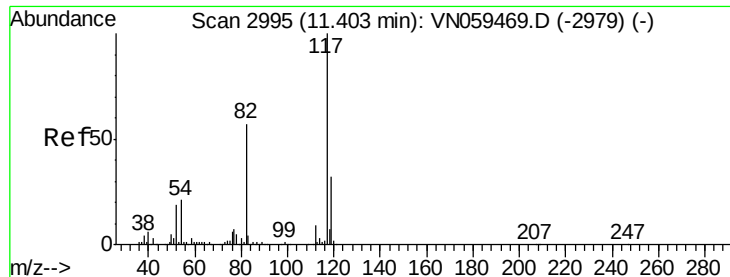
Ion Ratio Lower Upper

95 100

174 78.1 0.0 157.0

176 75.7 0.0 152.4

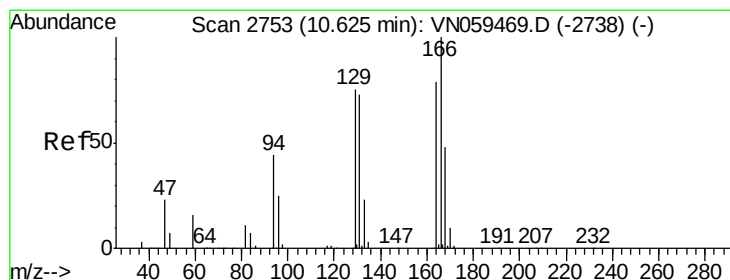
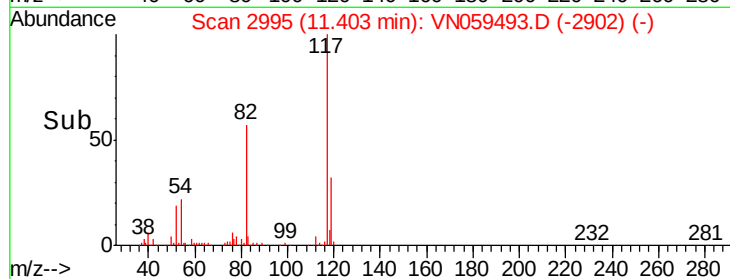
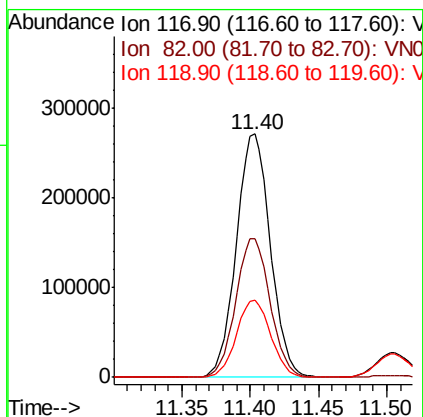
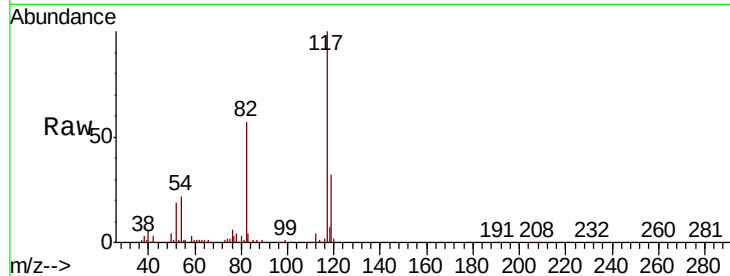




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

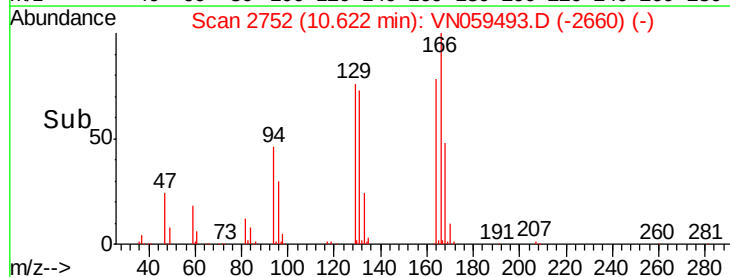
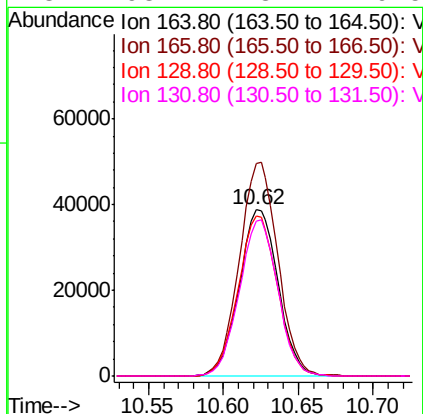
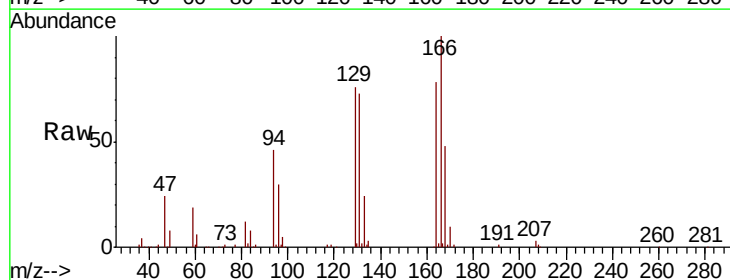
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

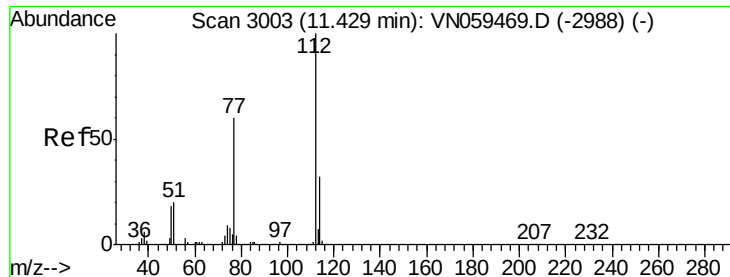
Tot Ion:117 Resp: 469340
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.8
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 17.539 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion:164 Resp: 70022
Ion Ratio Lower Upper
164 100
166 127.7 101.2 151.8
129 96.7 76.1 114.1
131 93.2 73.7 110.5





#65

Chlorobenzene

Concen: 17.888 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

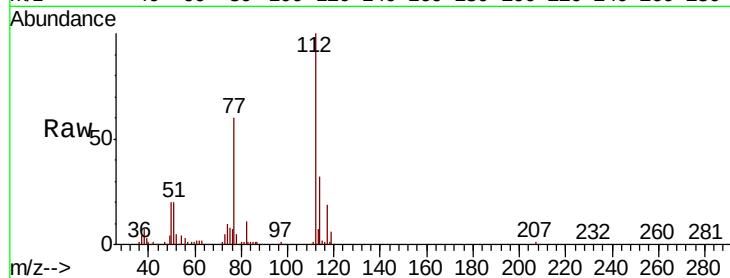
VN1205WBS01

Tot Ion:112 Resp: 183538

Ion Ratio Lower Upper

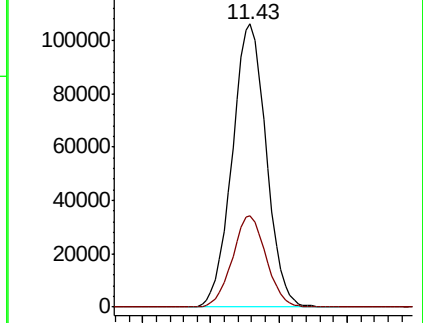
112 100

114 32.1 25.7 38.5

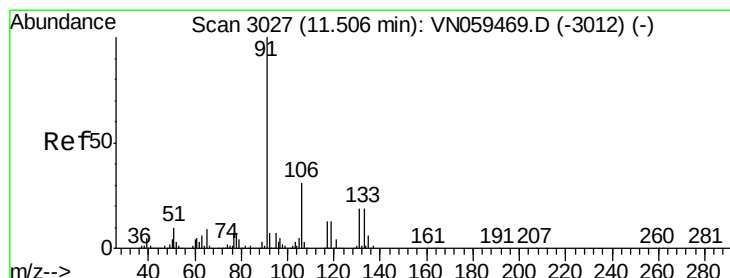
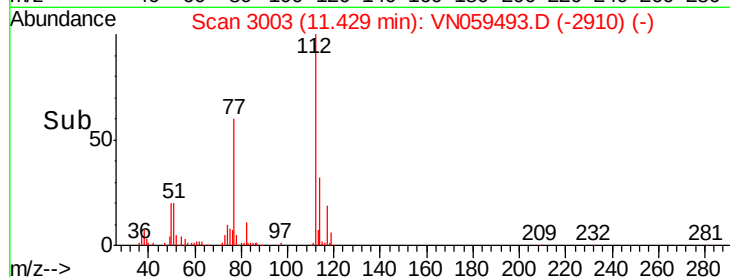


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time--> 11.35 11.40 11.45 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 18.652 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

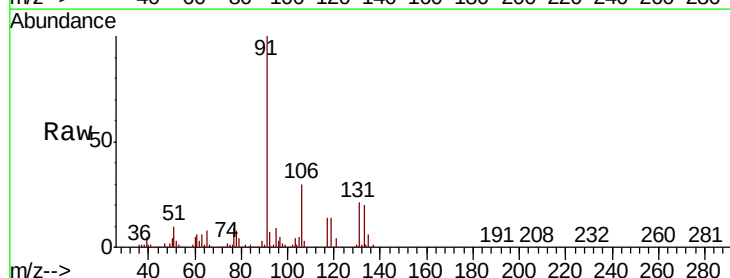
Tgt Ion:131 Resp: 68764

Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.0

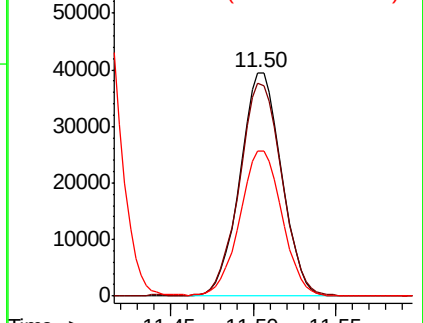
119 66.1 33.9 101.6



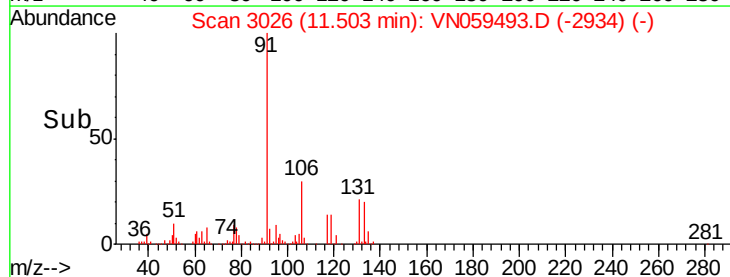
Abundance Ion 130.80 (130.50 to 131.50): V

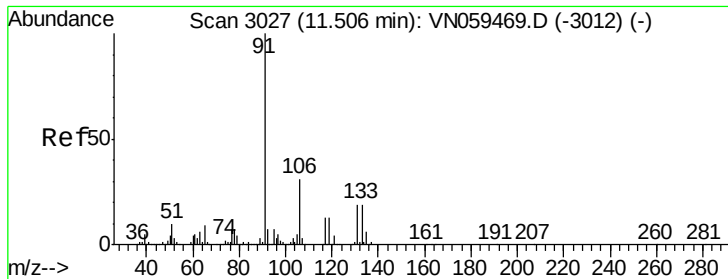
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time--> 11.45 11.50 11.55

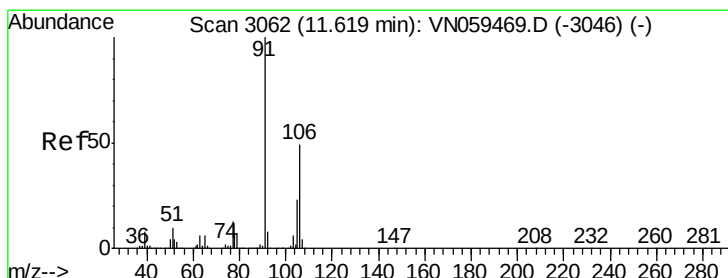
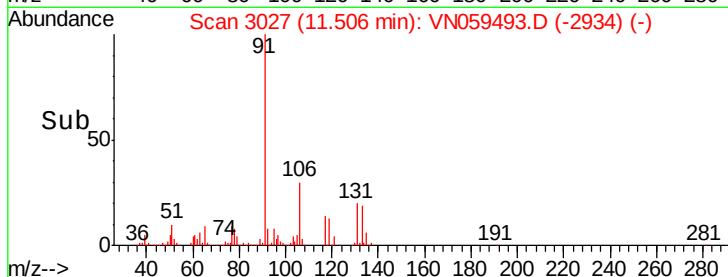
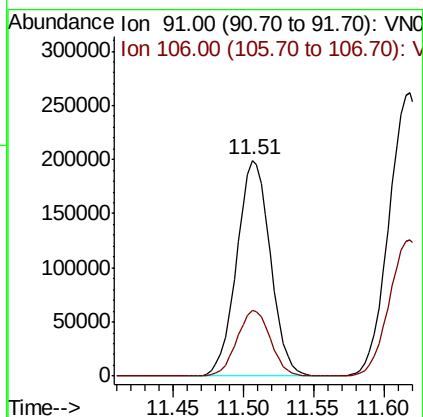
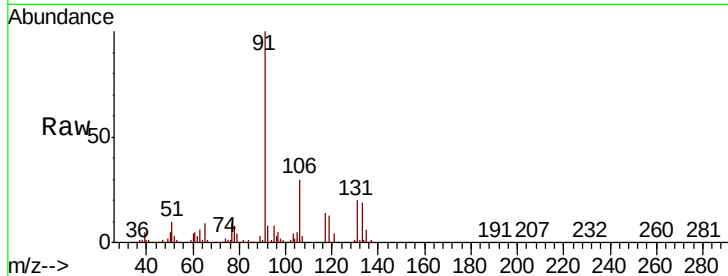




#67
Ethyl Benzene
Concen: 18.548 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

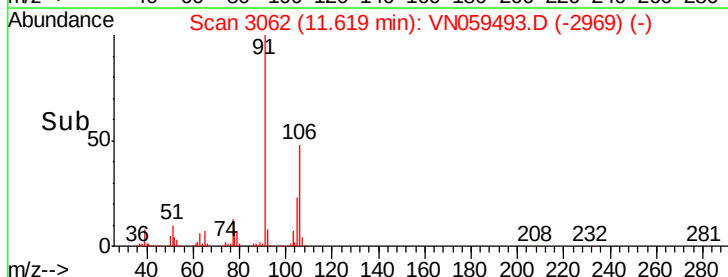
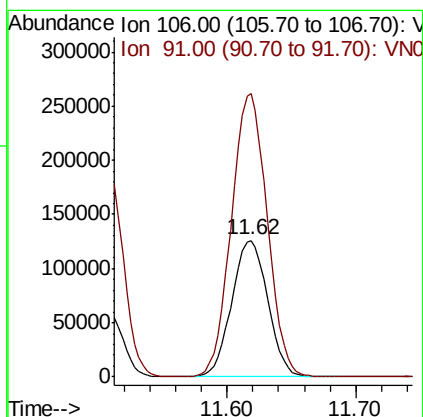
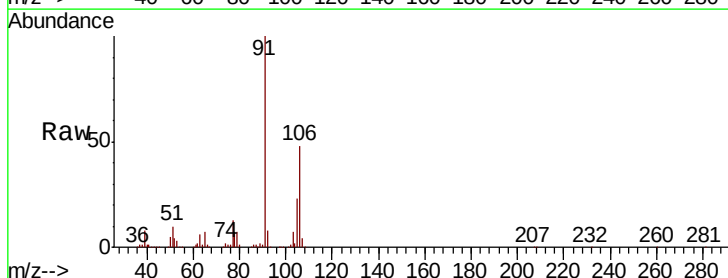
Instrument :
MSVOA_N
ClientSampled :
VN1205WBS01

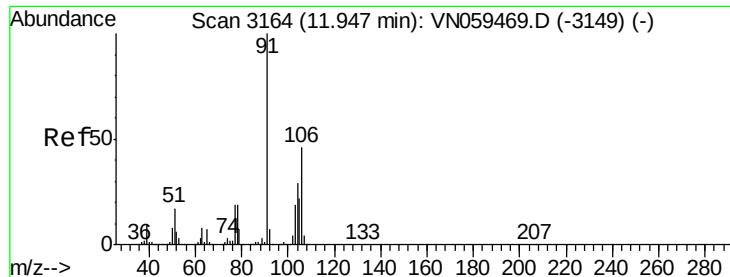
Tot Ion: 91 Resp: 333438
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 36.513 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 106 Resp: 244405
Ion Ratio Lower Upper
106 100
91 206.3 162.2 243.4

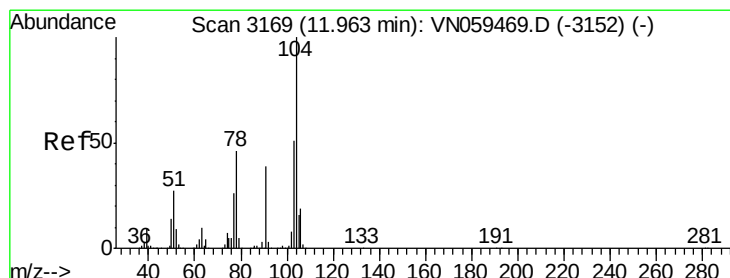
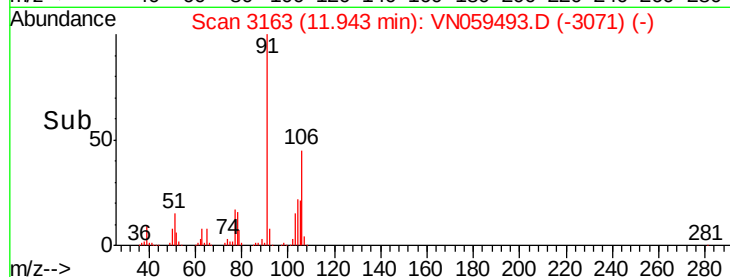
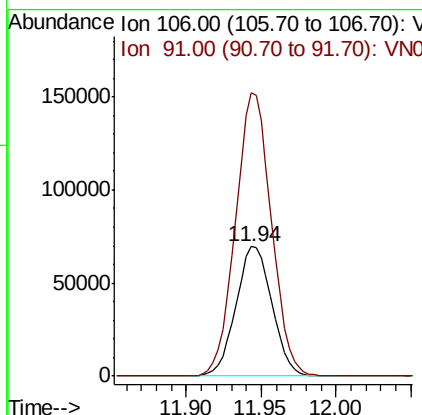
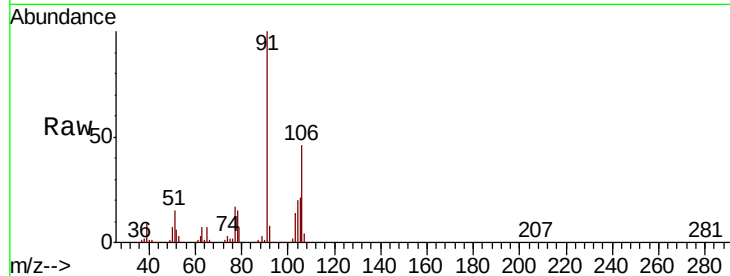




#69
o-Xylene
Concen: 18.355 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

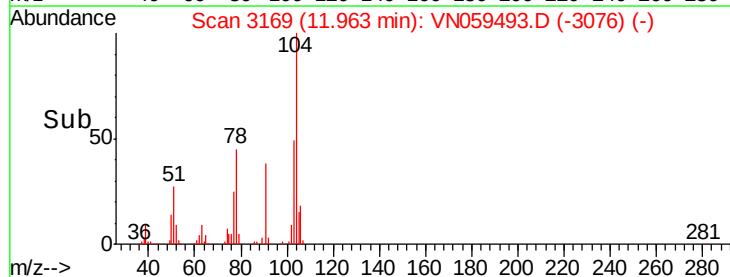
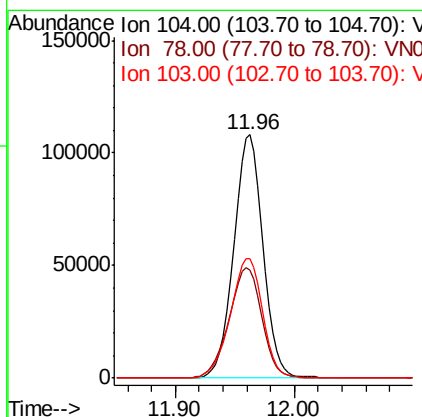
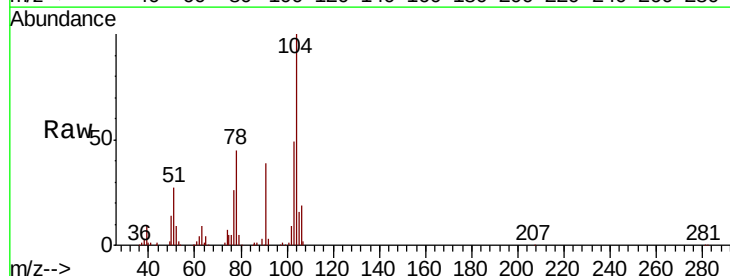
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

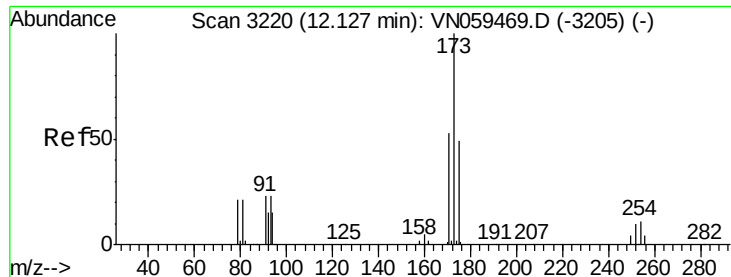
Tot Ion:106 Resp: 116971
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.3



#70
Styrene
Concen: 18.107 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion:104 Resp: 184200
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 54.2 44.7 67.1





#71

Bromoform

Concen: 17.684 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

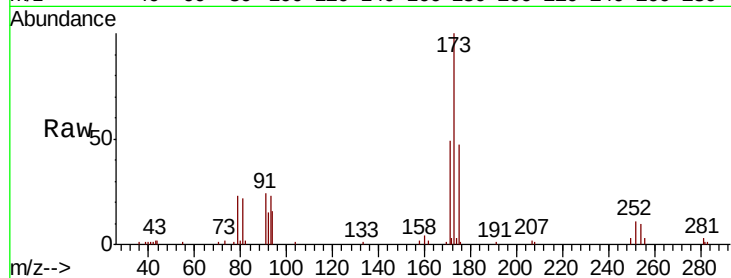
Tot Ion:173 Resp: 50818

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

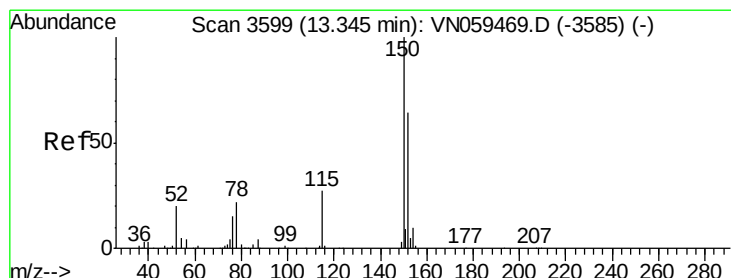
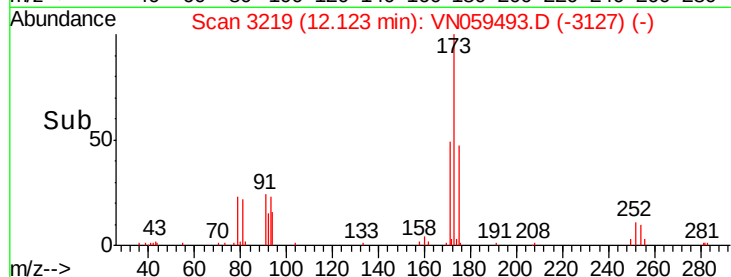
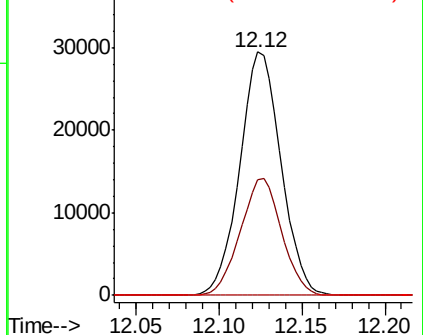
254 0.0 0.0 0.0



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: VN059493.D

Acq: 5 Dec 2019 12:36

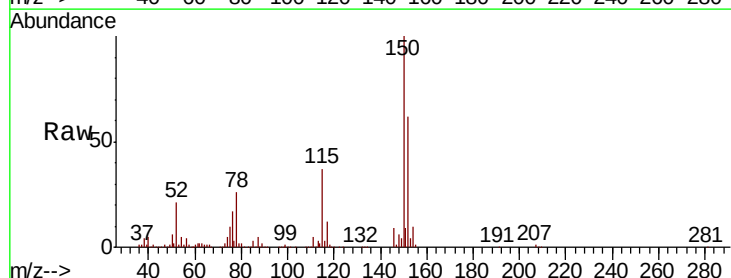
Tgt Ion:152 Resp: 211215

Ion Ratio Lower Upper

152 100

115 59.8 29.2 87.6

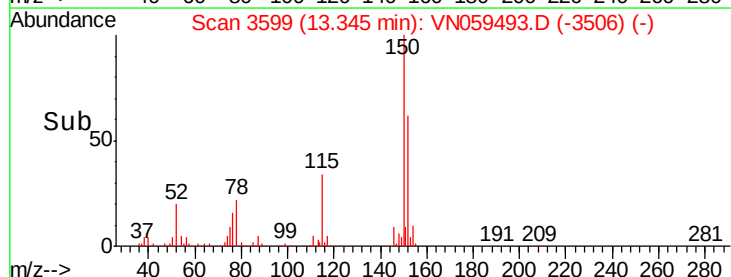
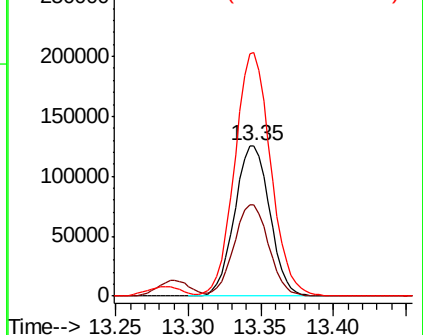
150 166.5 0.0 352.8

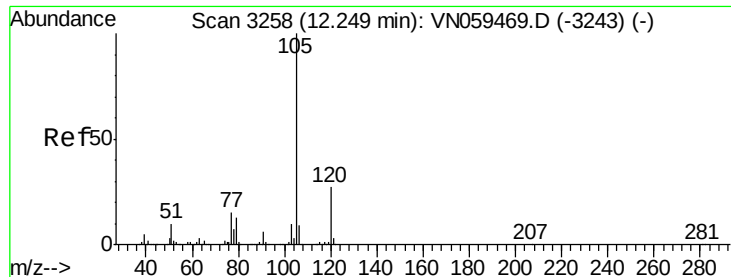


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.322 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

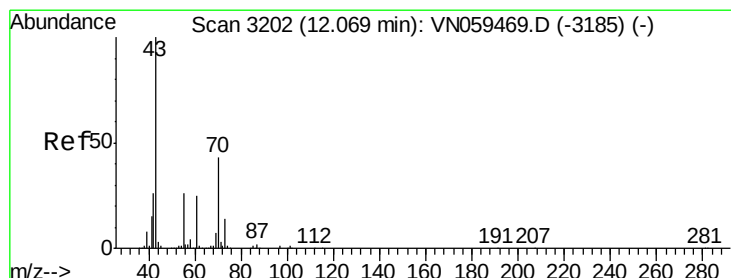
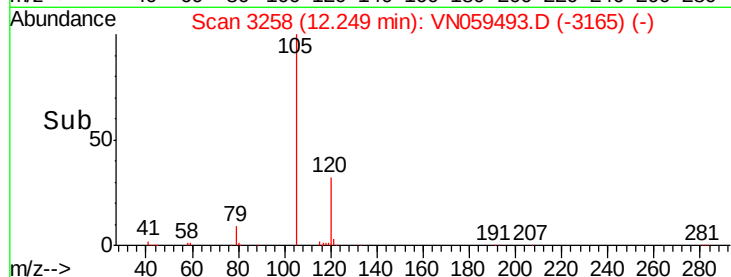
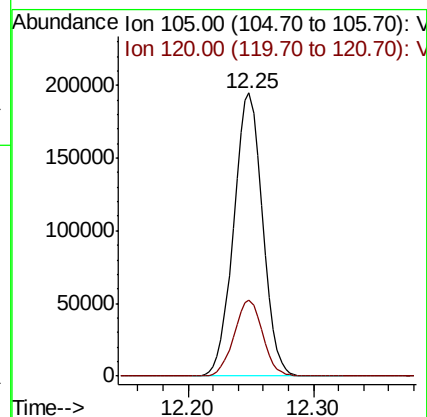
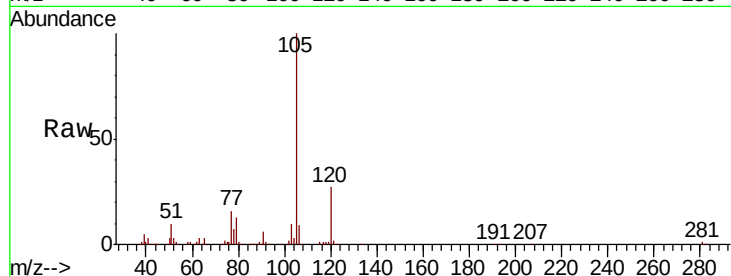
VN1205WBS01

Tot Ion:105 Resp: 310356

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 17.523 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Tgt Ion: 43 Resp: 119556

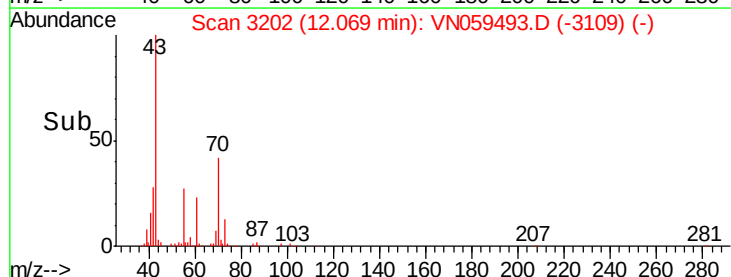
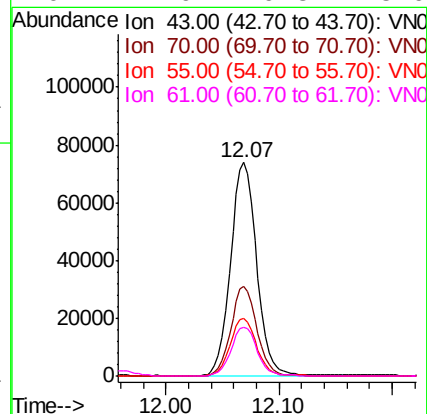
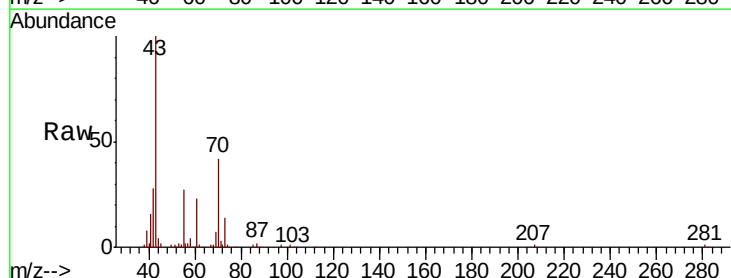
Ion Ratio Lower Upper

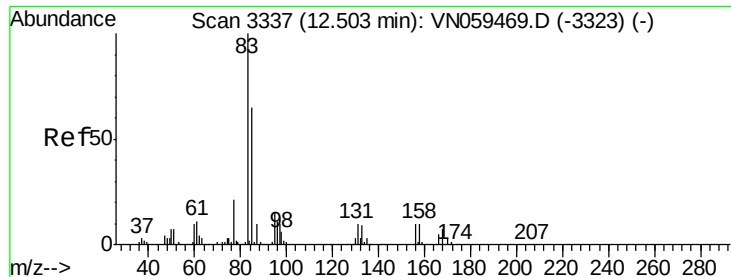
43 100

70 41.4 34.2 51.2

55 27.3 20.6 31.0

61 22.9 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.576 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

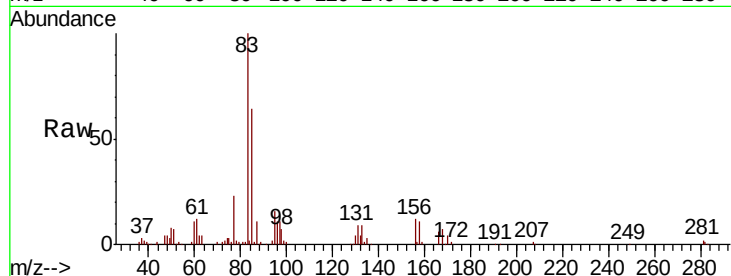
Tot Ion: 83 Resp: 100933

Ion Ratio Lower Upper

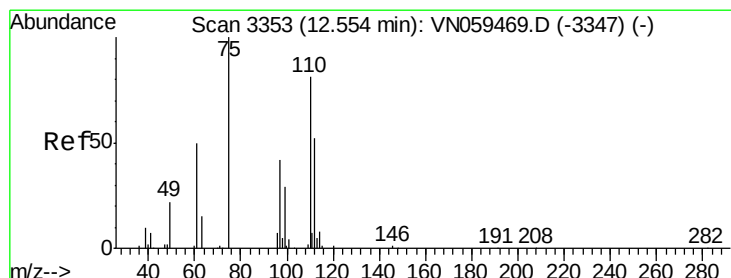
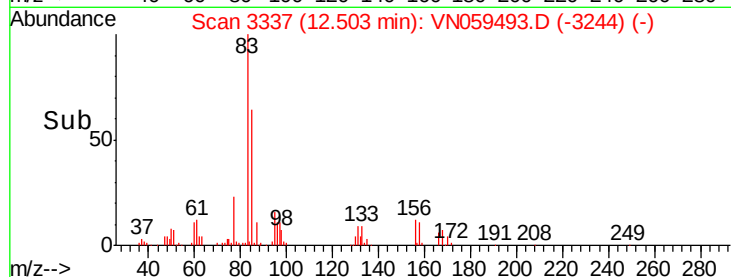
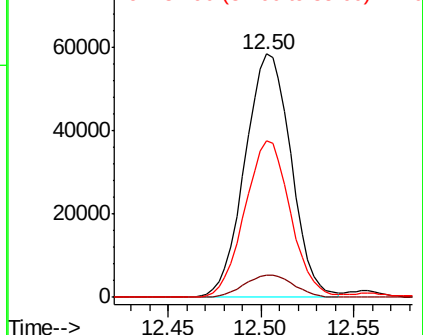
83 100

131 9.9 4.9 14.7

85 63.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.315 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN059493.D

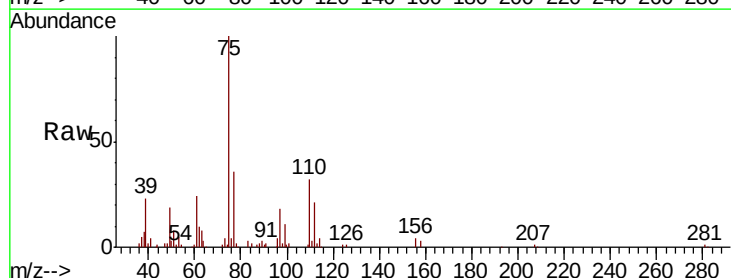
Acq: 5 Dec 2019 12:36

Tgt Ion: 75 Resp: 138201

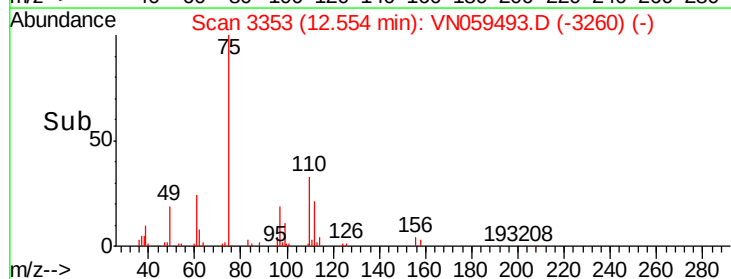
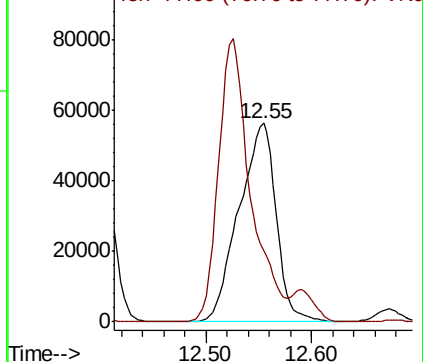
Ion Ratio Lower Upper

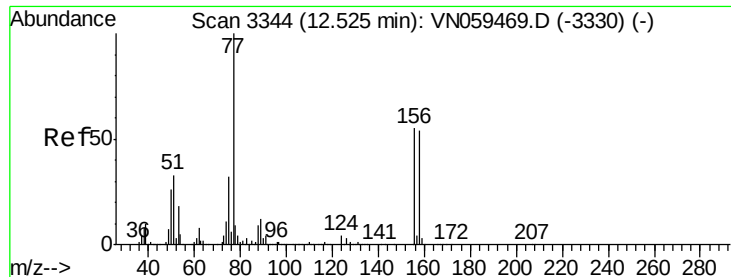
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.892 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

VN1205WBS01

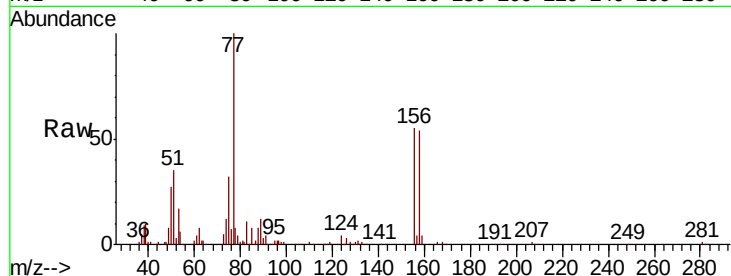
Tot Ion:156 Resp: 75734

Ion Ratio Lower Upper

156 100

77 223.9 110.3 331.0

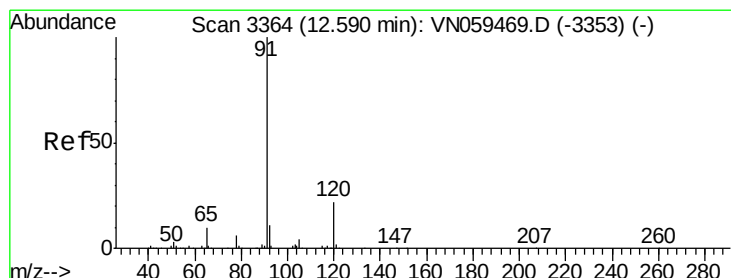
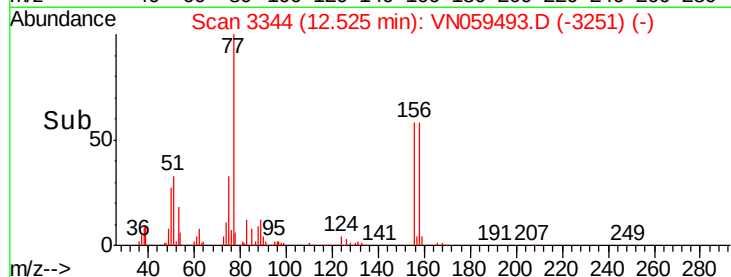
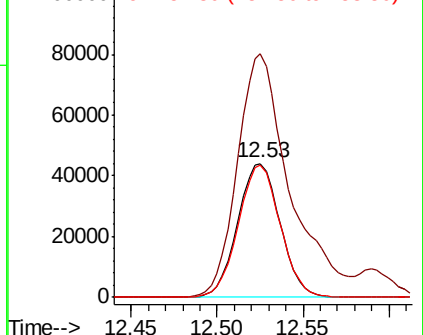
158 97.6 48.5 145.5



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: 18.563 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059493.D

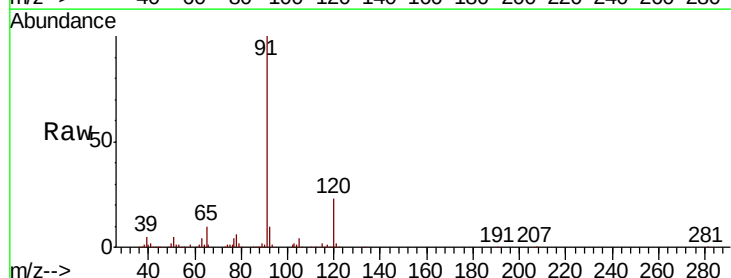
Acq: 5 Dec 2019 12:36

Tgt Ion: 91 Resp: 365925

Ion Ratio Lower Upper

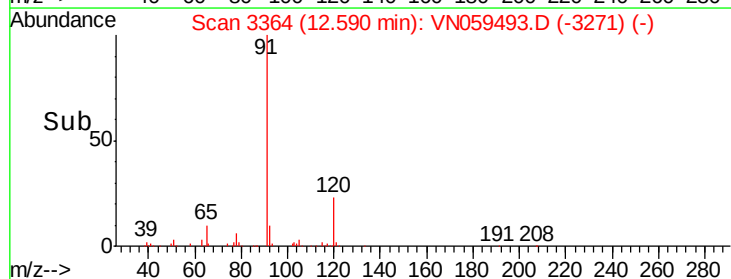
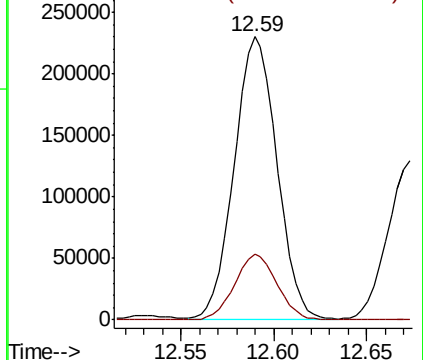
91 100

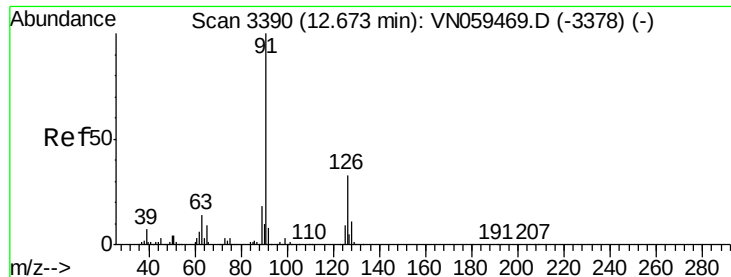
120 23.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.077 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

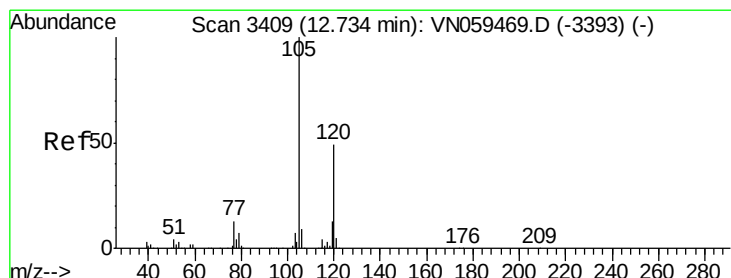
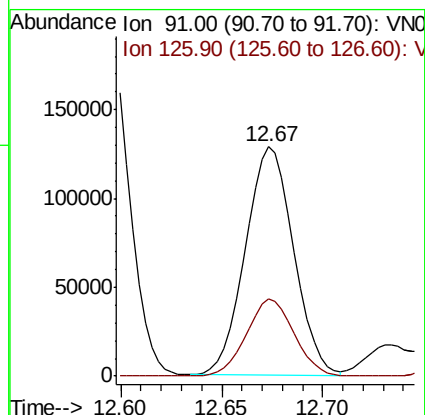
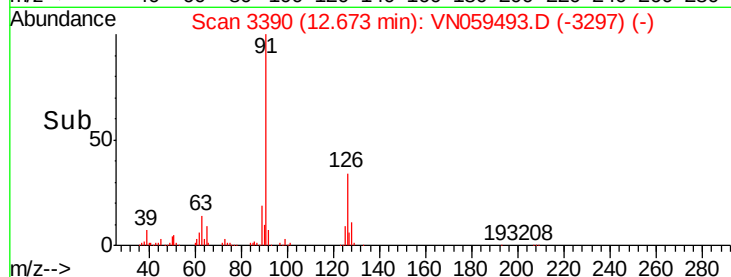
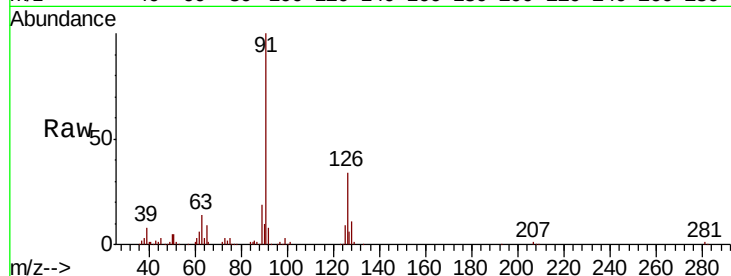
VN1205WBS01

Tot Ion: 91 Resp: 214808

Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 18.675 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059493.D

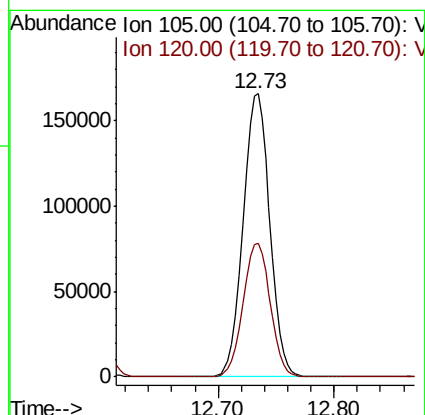
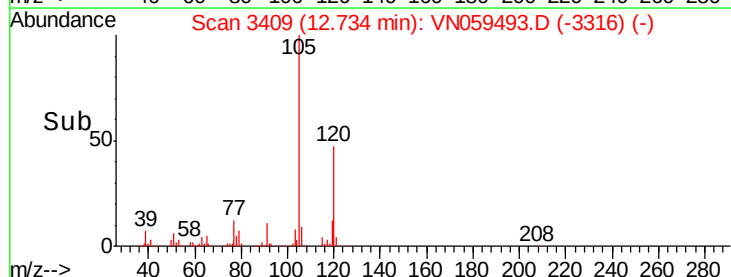
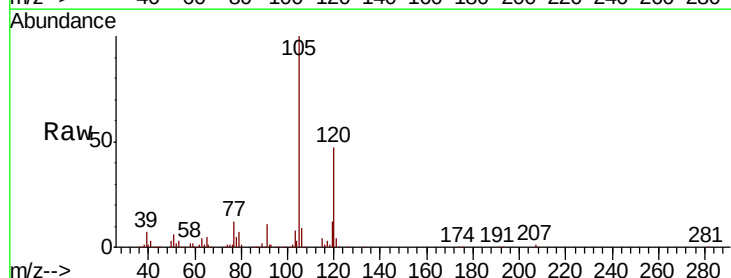
Acq: 5 Dec 2019 12:36

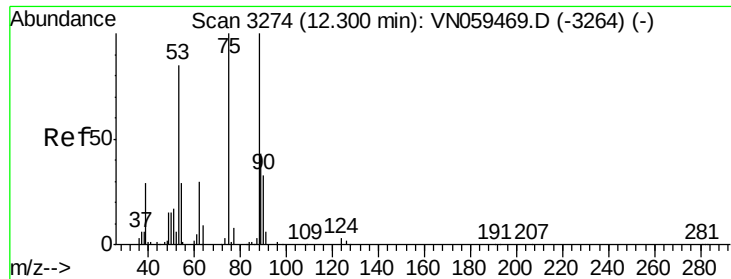
Tgt Ion: 105 Resp: 264354

Ion Ratio Lower Upper

105 100

120 48.1 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.135 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

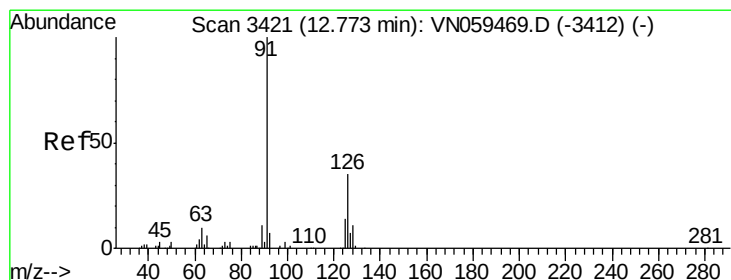
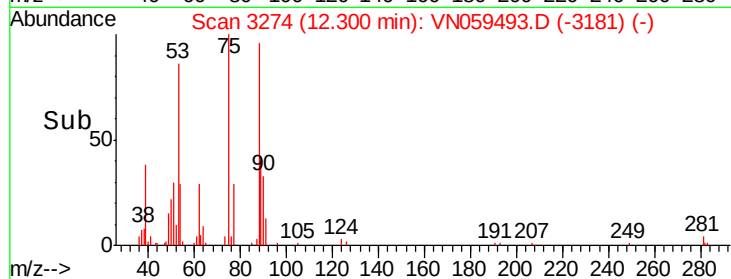
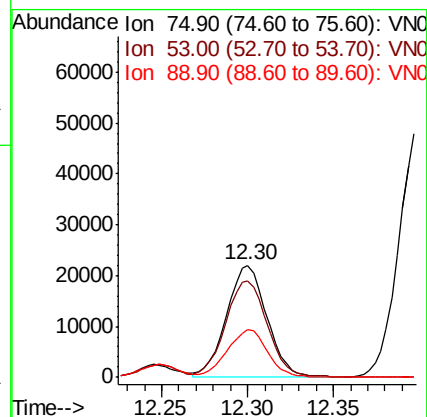
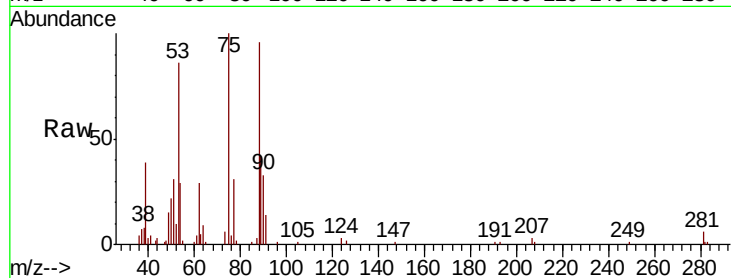
Tot Ion: 75 Resp: 36291

Ion Ratio Lower Upper

75 100

53 88.8 69.8 104.6

89 42.3 35.2 52.8



#82

4-Chlorotoluene

Concen: 18.054 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059493.D

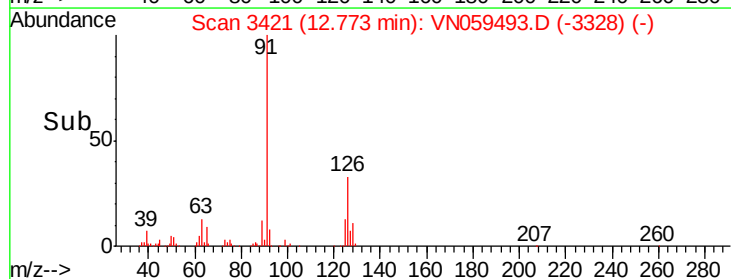
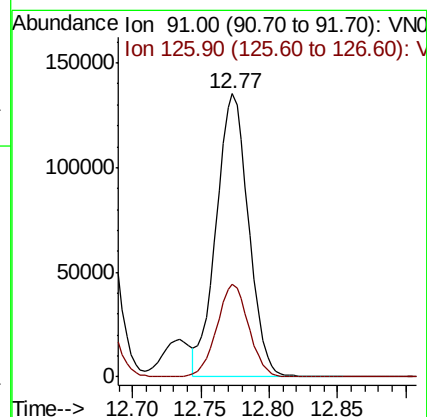
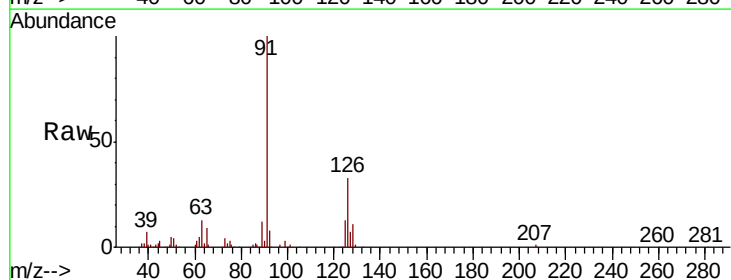
Acq: 5 Dec 2019 12:36

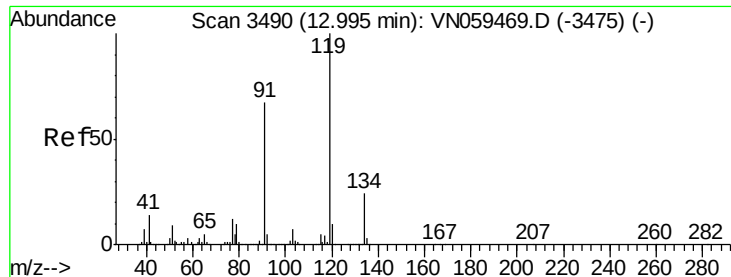
Tgt Ion: 91 Resp: 221346

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.2

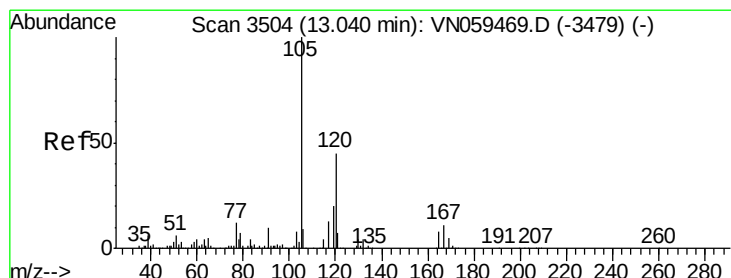
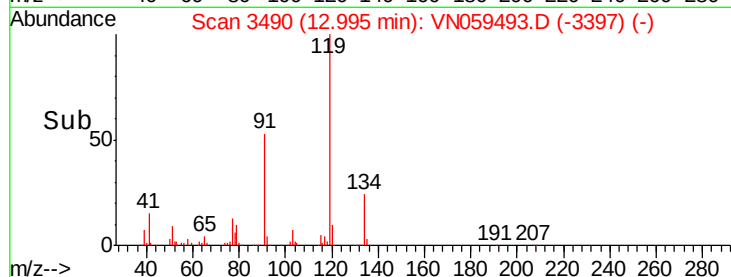
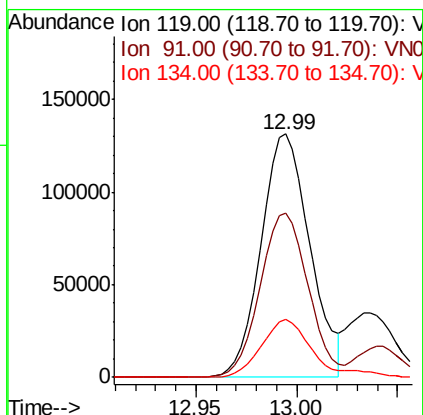
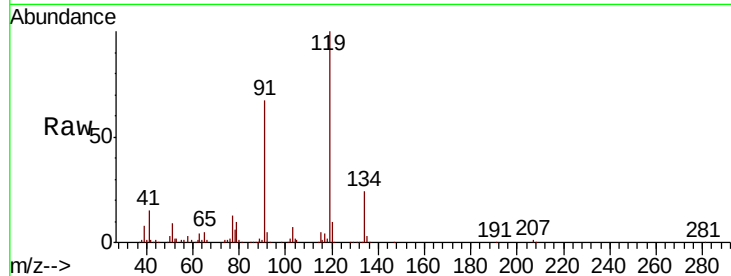




#83
 tert-Butylbenzene
 Concen: 18.030 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

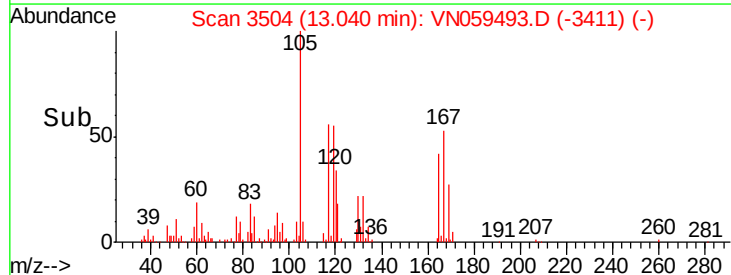
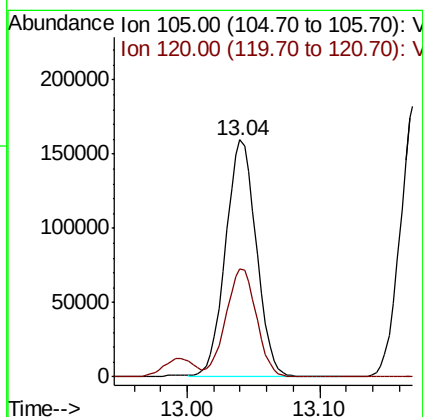
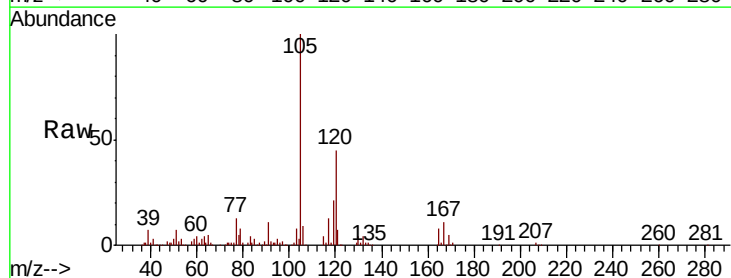
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

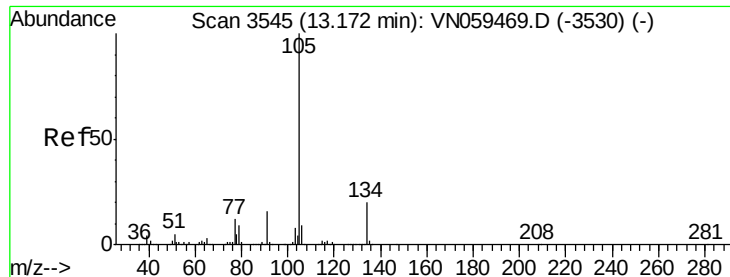
Tot Ion:119 Resp: 221583
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.6 97.7
 134 25.1 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.500 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Tgt Ion:105 Resp: 255926
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 18.555 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

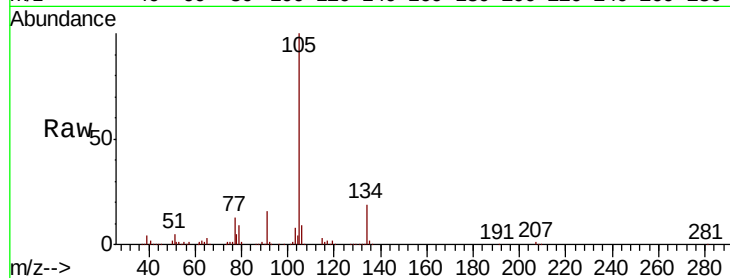
VN1205WBS01

Tot Ion:105 Resp: 302232

Ion Ratio Lower Upper

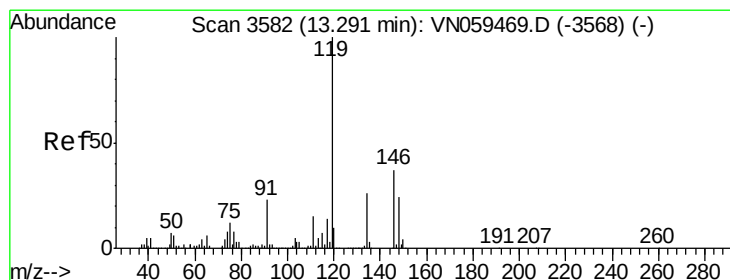
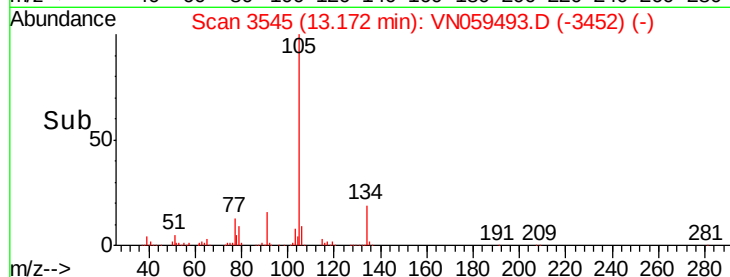
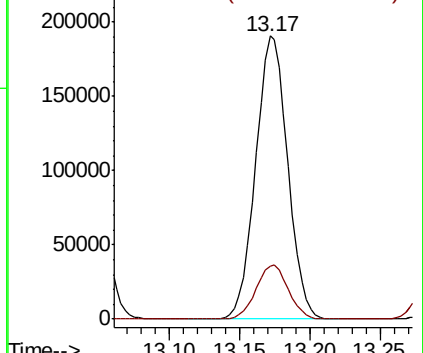
105 100

134 19.3 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: 18.361 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

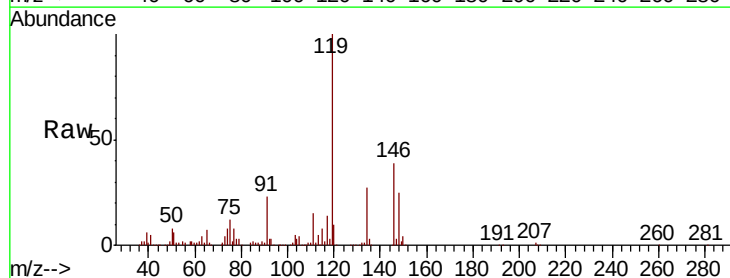
Tgt Ion:119 Resp: 268003

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

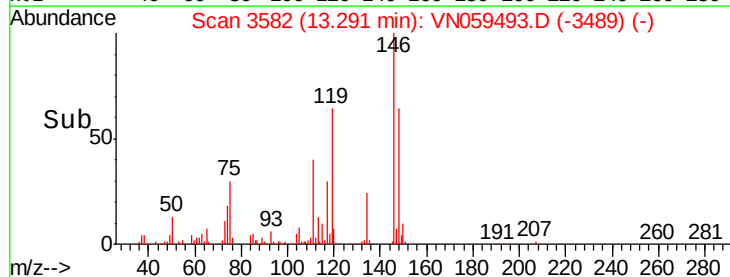
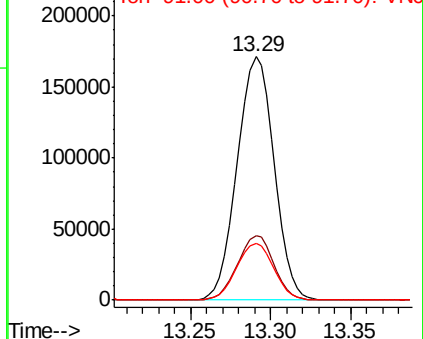
91 23.7 11.7 35.1

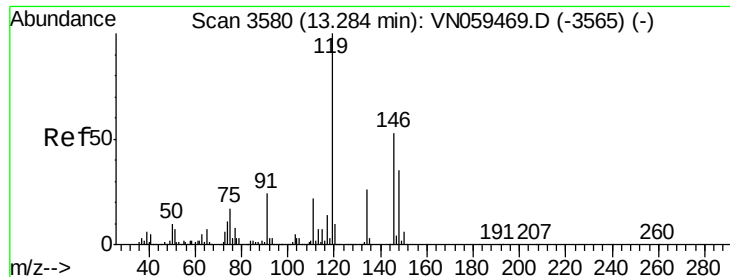


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

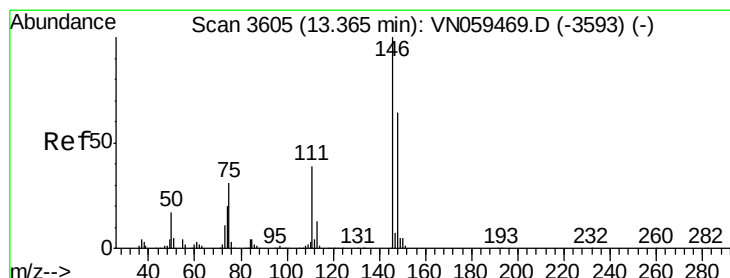
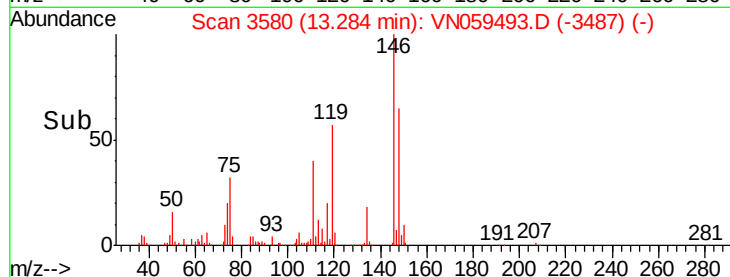
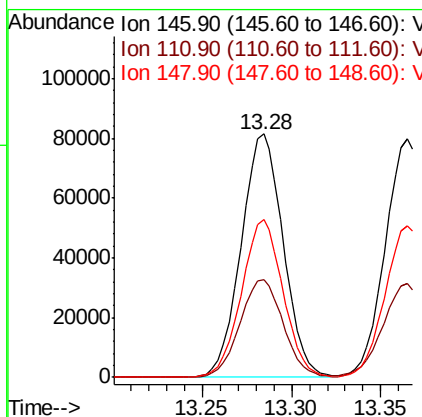
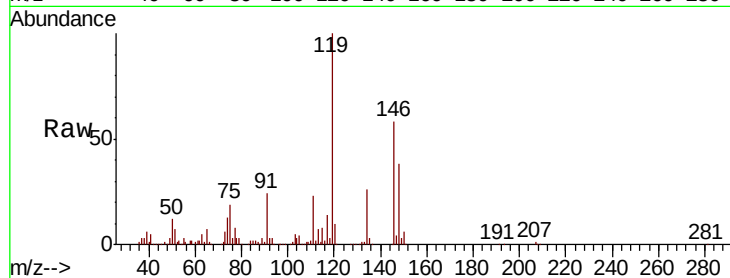




#87
 1,3-Dichlorobenzene
 Concen: 17.999 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

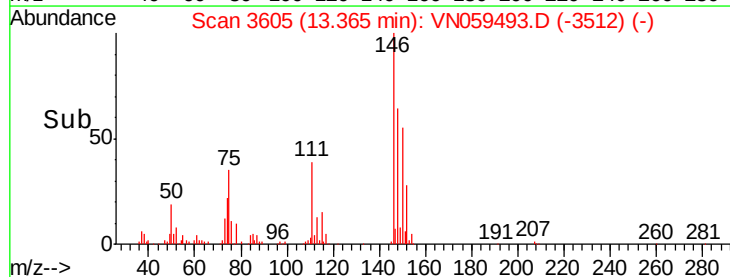
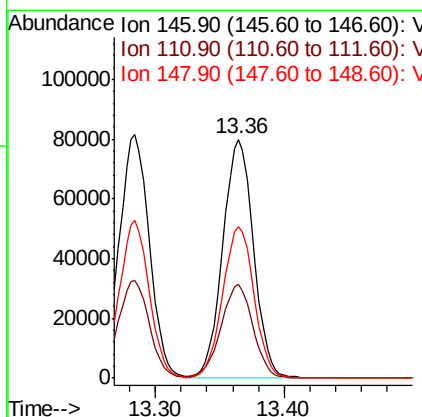
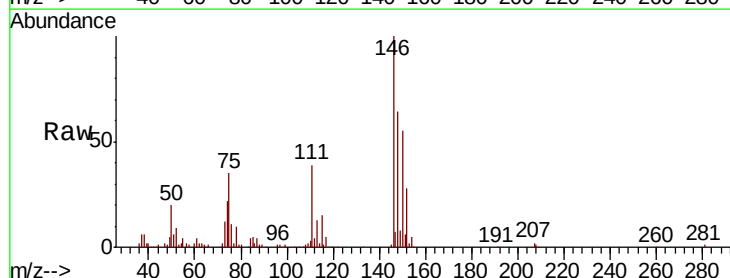
Instrument :
 MSVOA_N
 ClientSampled :
 VN1205WBS01

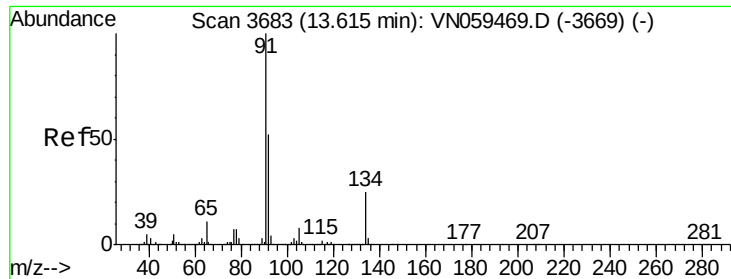
Tot Ion:146 Resp: 134330
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 17.575 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Tgt Ion:146 Resp: 132279
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.8 59.3
 148 64.2 32.0 96.0

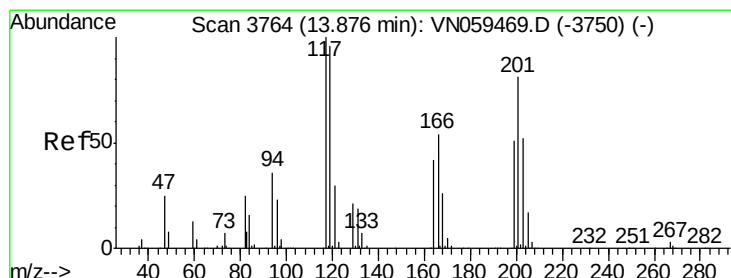
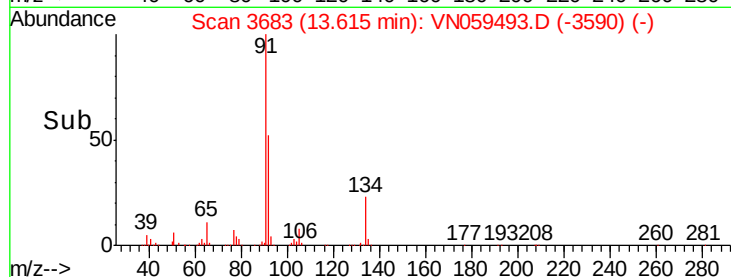
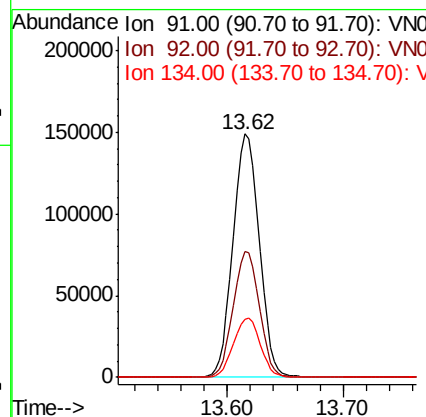
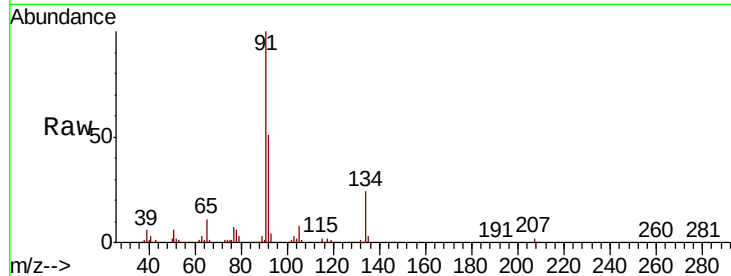




#89
n-Butylbenzene
Concen: 17.833 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

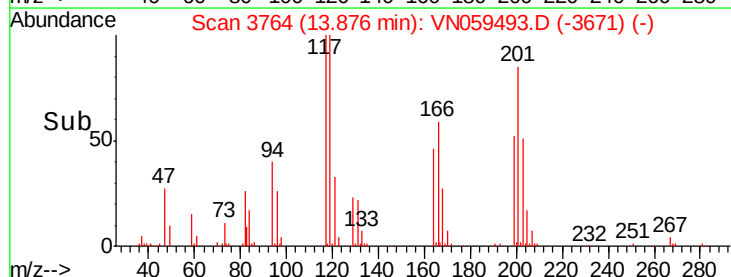
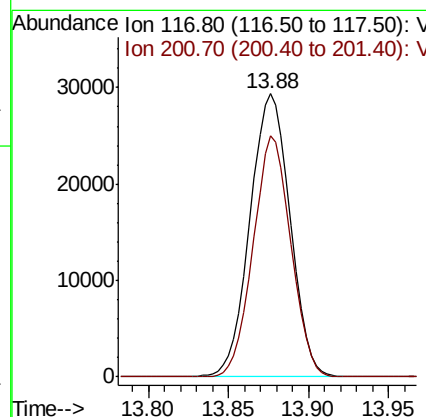
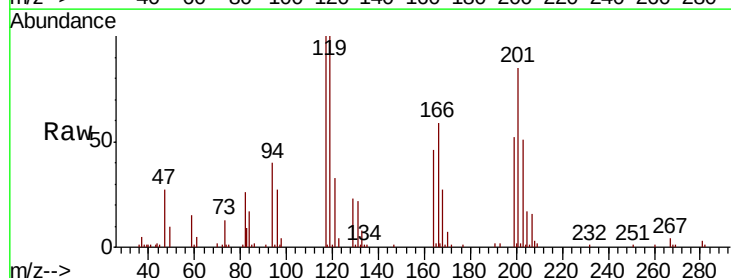
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

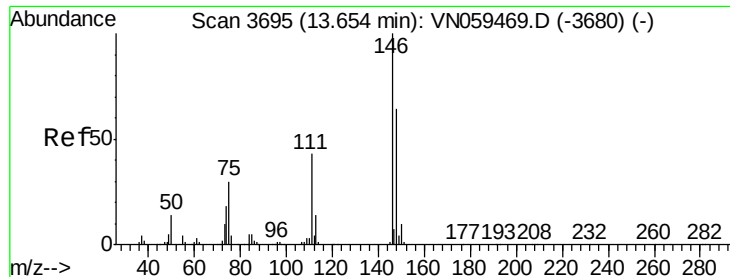
Tot Ion: 91 Resp: 233209
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.8
134 24.8 12.6 37.6



#90
Hexachloroethane
Concen: 17.839 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion: 117 Resp: 50220
Ion Ratio Lower Upper
117 100
201 80.1 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 18.038 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

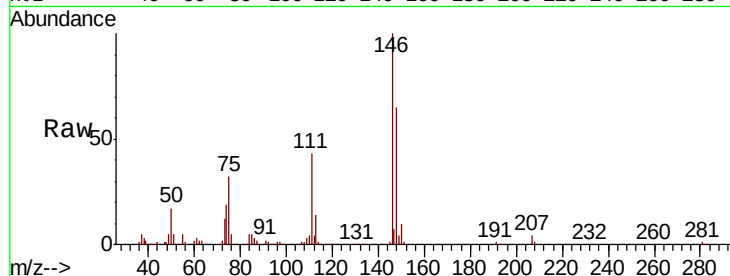
Tot Ion:146 Resp: 129050

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

148 64.6 32.2 96.6

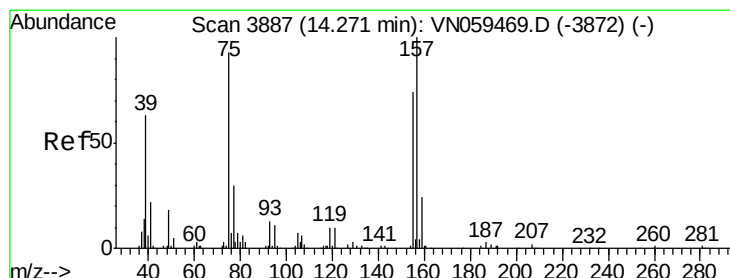
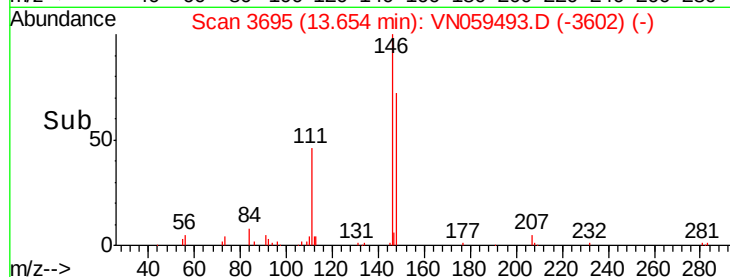
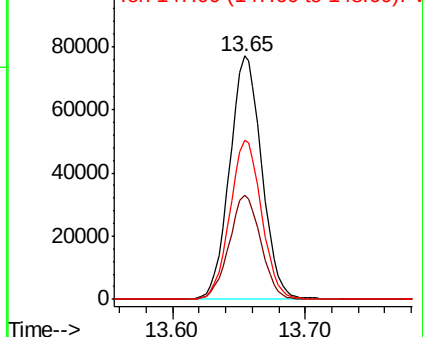


Abundance

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: 18.441 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059493.D

Acq: 5 Dec 2019 12:36

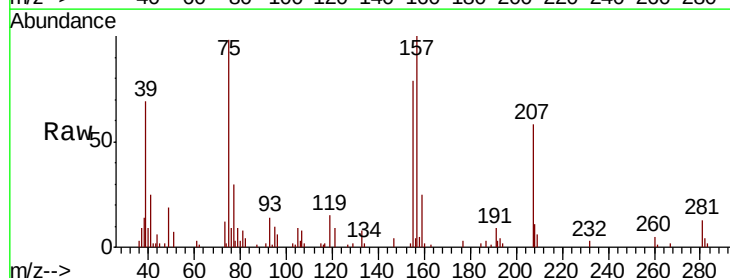
Tgt Ion: 75 Resp: 20756

Ion Ratio Lower Upper

75 100

155 74.5 40.6 122.0

157 98.3 52.9 158.7

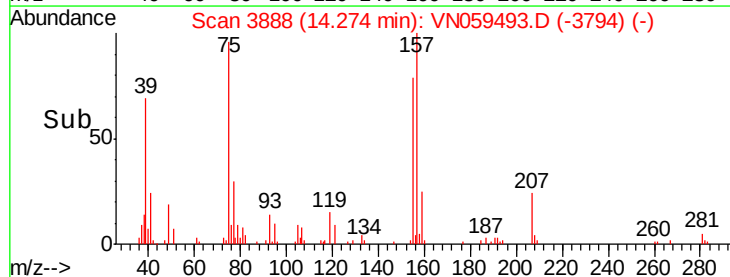
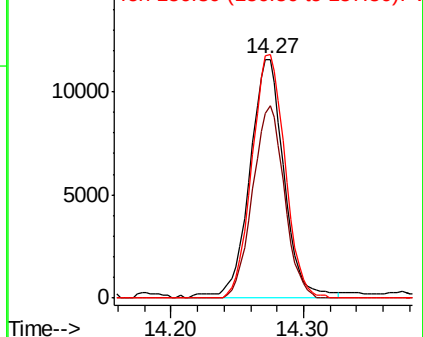


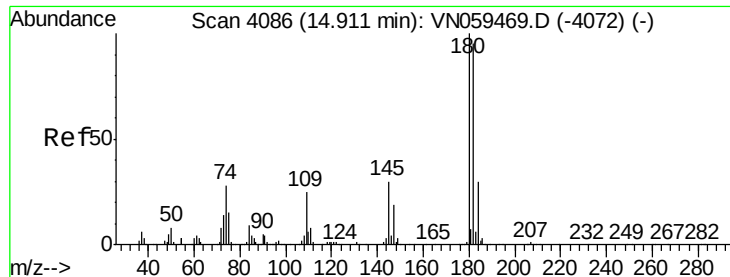
Abundance

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

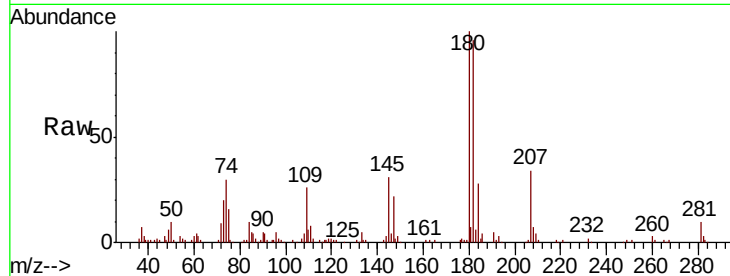




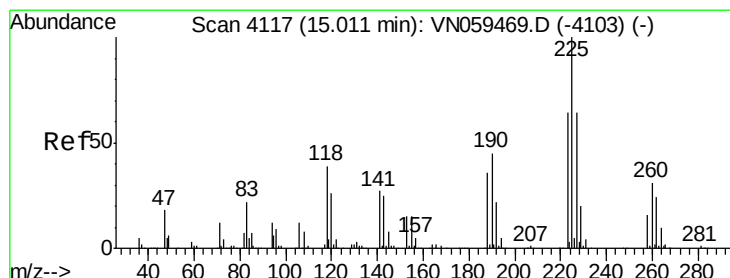
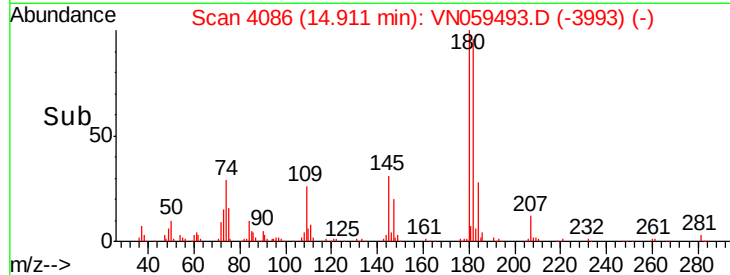
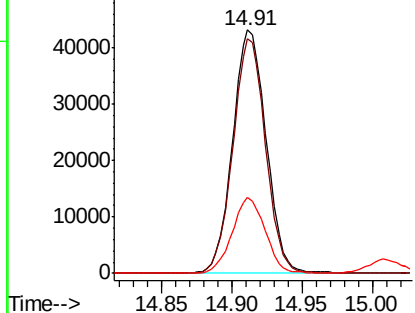
#93
 1,2,4-Trichlorobenzene
 Concen: 16.427 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Tot Ion:180 Resp: 71746
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.0 144.2
 145 30.7 15.2 45.6

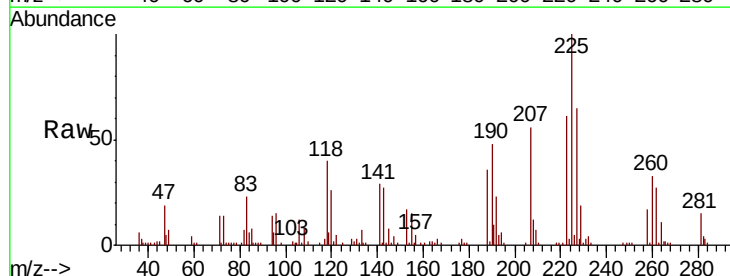


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

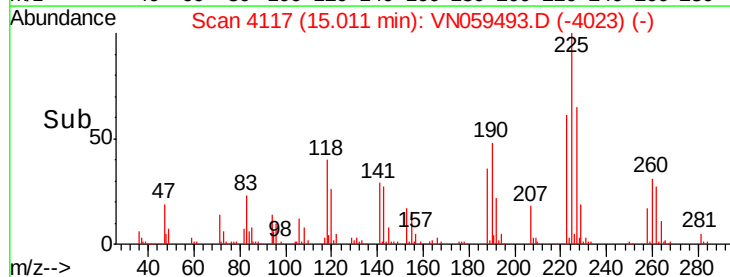
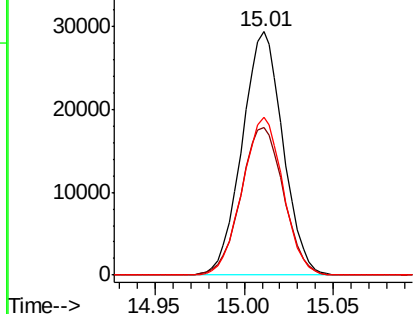


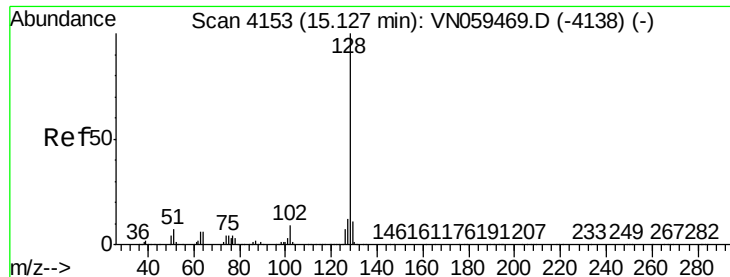
#94
 Hexachlorobutadiene
 Concen: 18.166 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059493.D
 Acq: 5 Dec 2019 12:36

Tgt Ion:225 Resp: 47068
 Ion Ratio Lower Upper
 225 100
 223 63.4 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

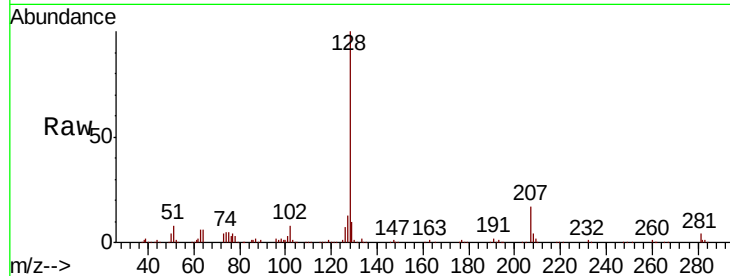




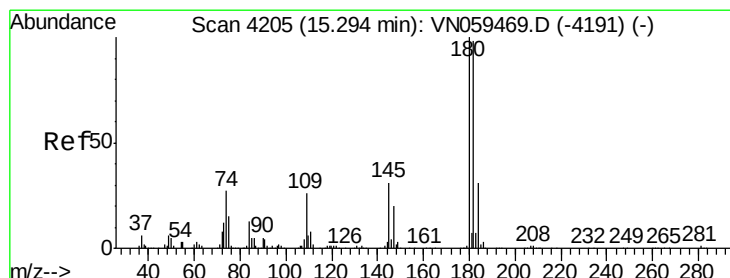
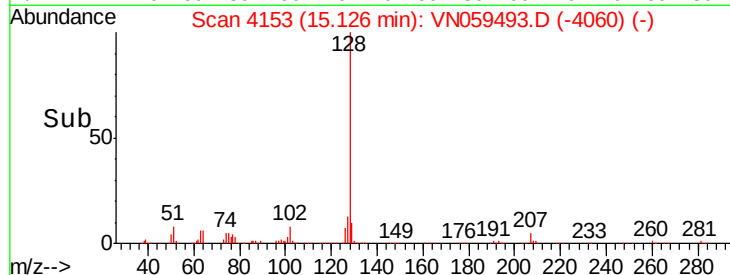
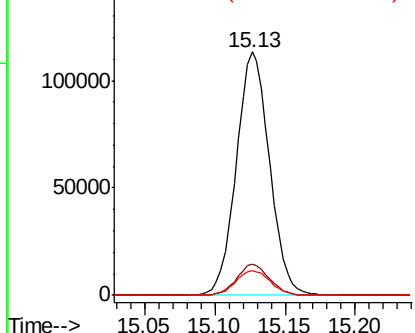
#95
Naphthalene
Concen: 17.251 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tot Ion:128 Resp: 187469
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.5 8.8 13.2

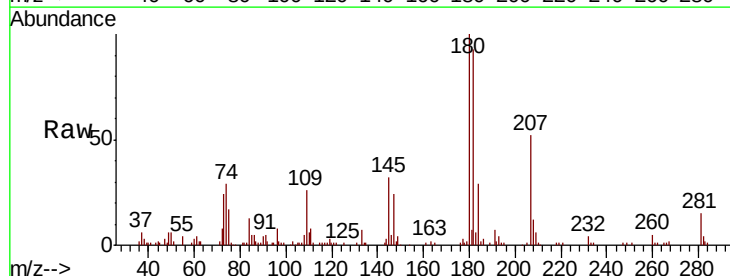


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.107 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059493.D
Acq: 5 Dec 2019 12:36

Tgt Ion:180 Resp: 73721
Ion Ratio Lower Upper
180 100
182 93.8 48.5 145.5
145 31.8 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

