

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\
 Data File : VN059102.D
 Acq On : 6 Nov 2019 13:12
 Operator : JC/SP
 Sample : VN1106WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 04:04:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	501526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	786472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	705754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312922	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	306963	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	7.57	113	235819	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.08	98	921871	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	320186	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	96524	19.102	ug/l	100
3) Chloromethane	2.04	50	132413	19.277	ug/l	100
4) Vinyl Chloride	2.17	62	128799	19.341	ug/l	98
5) Bromomethane	2.55	94	74763	19.509	ug/l	97
6) Chloroethane	2.68	64	77400	19.648	ug/l	100
7) Trichlorofluoromethane	3.00	101	157503	19.773	ug/l	100
8) Diethyl Ether	3.39	74	63614	19.655	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	94773	19.733	ug/l	99
10) Methyl Iodide	3.93	142	114235	19.216	ug/l	99
11) Tert butyl alcohol	4.75	59	111065	94.529	ug/l	99
12) 1,1-Dichloroethene	3.71	96	91269	19.508	ug/l	98
13) Acrolein	3.58	56	61057	100.793	ug/l	98
14) Allyl chloride	4.30	41	184589	19.208	ug/l	99
15) Acrylonitrile	4.96	53	297843	101.862	ug/l	98
16) Acetone	3.79	43	311935	97.299	ug/l	100
17) Carbon Disulfide	4.03	76	275182	18.948	ug/l	99
18) Methyl Acetate	4.30	43	153509	20.173	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	326775	20.287	ug/l	99
20) Methylene Chloride	4.53	84	109108	19.535	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	98526	19.619	ug/l	95
22) Diisopropyl ether	5.92	45	367871	20.266	ug/l	94
23) Vinyl Acetate	5.87	43	1509681	107.311	ug/l	99
24) 1,1-Dichloroethane	5.82	63	199994	19.726	ug/l	98
25) 2-Butanone	6.81	43	421381	99.729	ug/l	98
26) 2,2-Dichloropropane	6.80	77	170050	19.182	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	115123	19.760	ug/l	99
28) Bromochloromethane	7.17	49	61226	20.073	ug/l	98
29) Tetrahydrofuran	7.19	42	276501	102.991	ug/l	100
30) Chloroform	7.35	83	192111	19.753	ug/l	98
31) Cyclohexane	7.63	56	186860	19.469	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	163731	20.024	ug/l	100
36) 1,1-Dichloropropene	7.77	75	147042	20.002	ug/l	99
37) Ethyl Acetate	6.90	43	163891	20.040	ug/l	99
38) Carbon Tetrachloride	7.75	117	144524	19.752	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	166657	19.534	ug/l	100
40) Benzene	8.02	78	441091	19.925	ug/l	98
41) Methacrylonitrile	7.18	41	237496	66.785	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	154998	20.415	ug/l	99
43) Isopropyl Acetate	8.14	43	256127	19.645	ug/l	93
44) Trichloroethene	8.82	130	106959	19.656	ug/l	98
45) 1,2-Dichloropropane	9.10	63	122065	20.301	ug/l	99
46) Dibromomethane	9.19	93	74262	19.820	ug/l	99
47) Bromodichloromethane	9.39	83	149701	20.008	ug/l	98
48) Methyl methacrylate	9.18	41	113077	19.390	ug/l	99
49) 1,4-Dioxane	9.18	88	36307	350.321	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	811663	110.024	ug/l	99
52) Toluene	10.15	92	266658	20.097	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	168364	19.477	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	185381	19.937	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	106142	19.766	ug/l	99
56) Ethyl methacrylate	10.42	69	160727	19.147	ug/l	99
57) 1,3-Dichloropropane	10.70	76	185557	20.078	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	323997	108.417	ug/l	99
59) 2-Hexanone	10.74	43	595080	105.095	ug/l	100
60) Dibromochloromethane	10.90	129	112220	19.766	ug/l	100
61) 1,2-Dibromoethane	11.00	107	107159	19.713	ug/l	99
64) Tetrachloroethene	10.62	164	96497	20.108	ug/l	95
65) Chlorobenzene	11.43	112	272423	19.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	104132	20.177	ug/l	99
67) Ethyl Benzene	11.51	91	495667	20.306	ug/l	99
68) m/p-Xylenes	11.62	106	360612	39.439	ug/l	97
69) o-Xylene	11.95	106	176668	19.993	ug/l	100
70) Styrene	11.96	104	277739	19.985	ug/l	99
71) Bromoform	12.13	173	78849	19.642	ug/l #	100
73) Isopropylbenzene	12.25	105	475416	20.886	ug/l	100
74) N-amyl acetate	12.07	43	195941	20.315	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	162428	20.954	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	208569	29.276	ug/l #	100
77) Bromobenzene	12.53	156	112937	19.748	ug/l	98
78) n-propylbenzene	12.59	91	541629	20.782	ug/l	99
79) 2-Chlorotoluene	12.67	91	325900	20.157	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	398456	20.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54139	20.072	ug/l	98
82) 4-Chlorotoluene	12.77	91	323429	19.945	ug/l	99
83) tert-Butylbenzene	12.99	119	338069	20.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	389244	20.859	ug/l	98
85) sec-Butylbenzene	13.17	105	445070	20.546	ug/l	99
86) p-Isopropyltoluene	13.29	119	396931	20.752	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	194795	19.891	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	192309	19.627	ug/l	99
89) n-Butylbenzene	13.62	91	328111	19.600	ug/l	99
90) Hexachloroethane	13.88	117	75119	19.558	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	195159	20.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32476	21.015	ug/l	96

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QLast Update : Thu Nov 07 04:00:41 2019
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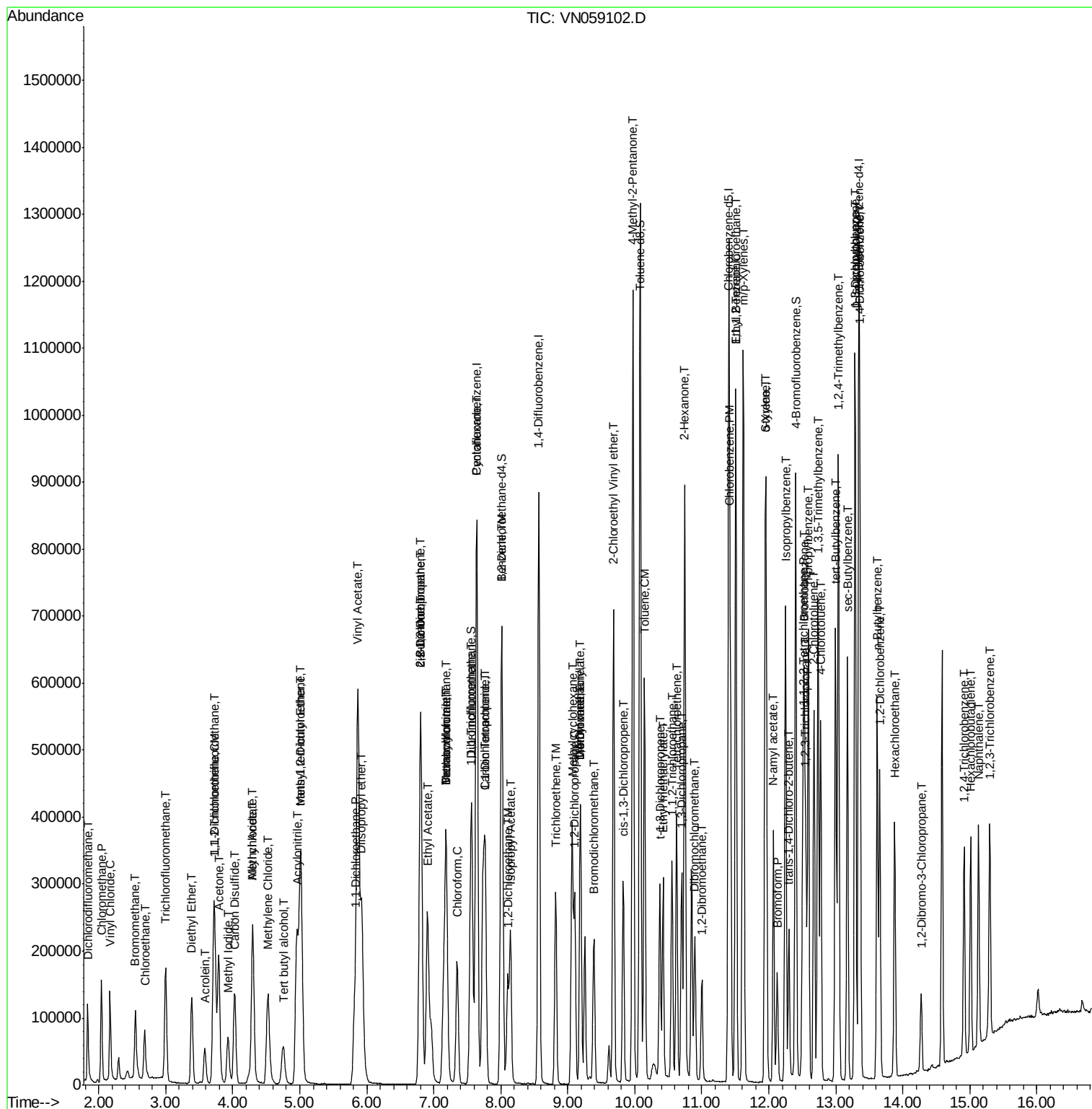
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	99180	18.982	ug/l	98
94) Hexachlorobutadiene	15.01	225	61859	18.623	ug/l	97
95) Naphthalene	15.13	128	265736	18.435	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	101315	18.766	ug/l	99

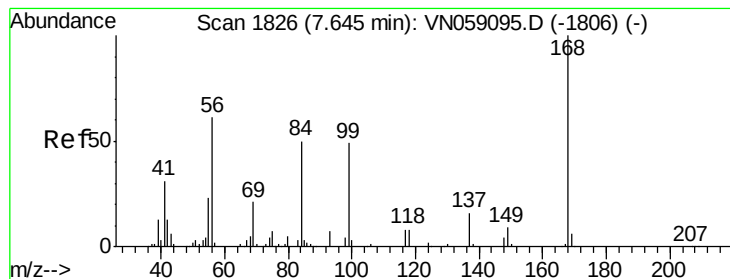
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110619\
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ClientSampled :

Quant Time: Nov 07 04:04:52 2019
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

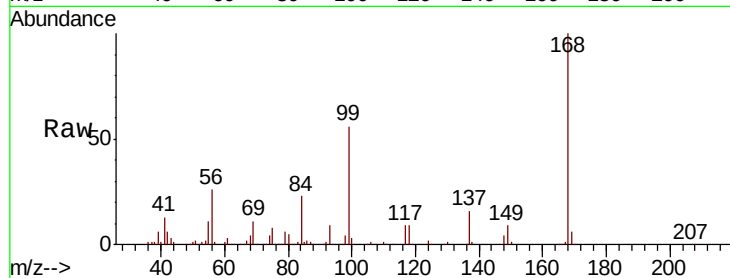
ClientSampleId :

Tot Ion:168 Resp: 501526

Ion Ratio Lower Upper

168 100

99 56.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1806) (-)

7.64

250000

200000

150000

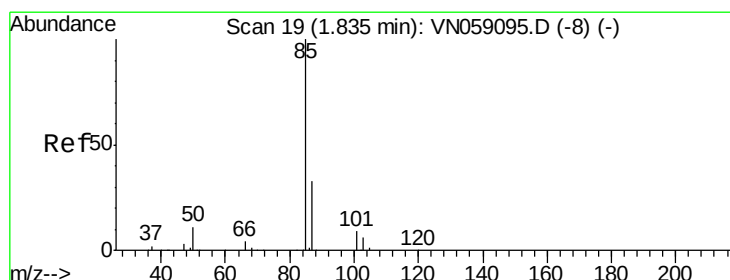
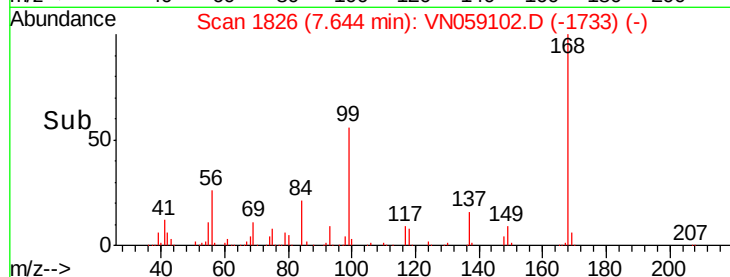
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.102 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059102.D

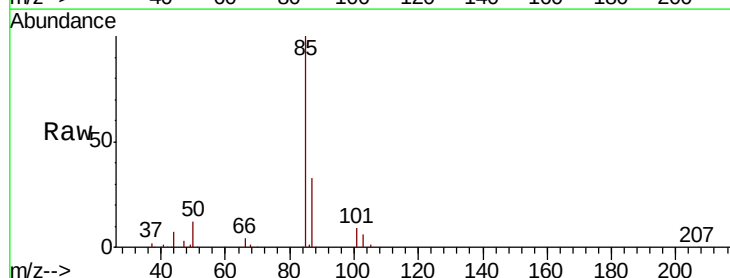
Acq: 6 Nov 2019 13:12

Tgt Ion: 85 Resp: 96524

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN059095.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059095.D (-8) (-)

1.83

60000

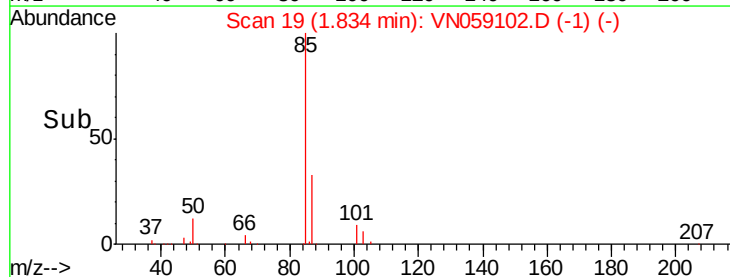
40000

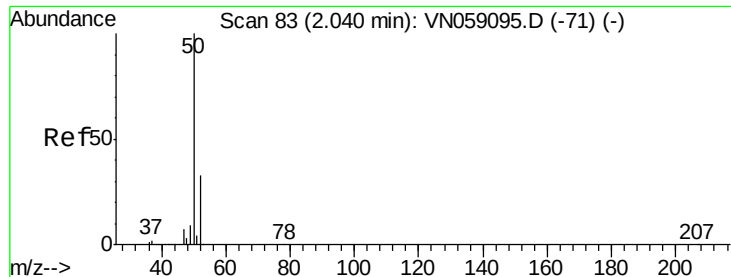
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.277 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

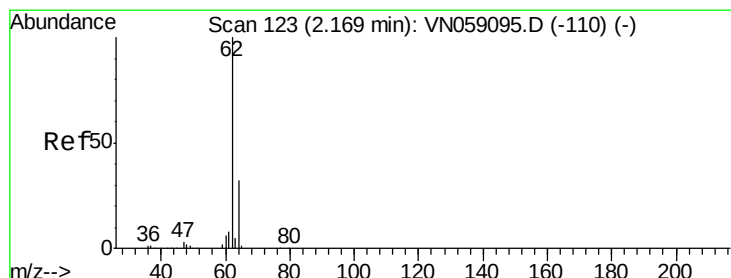
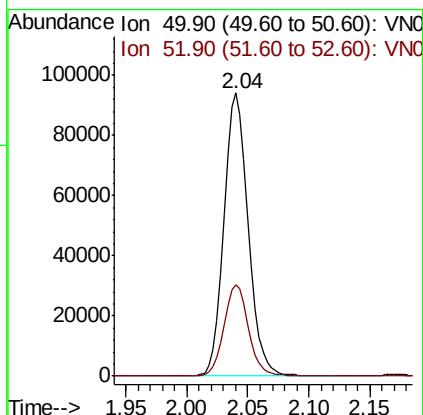
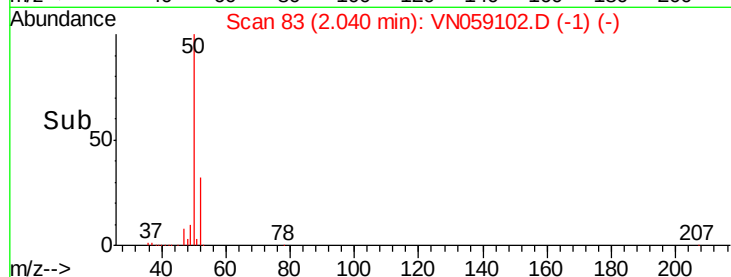
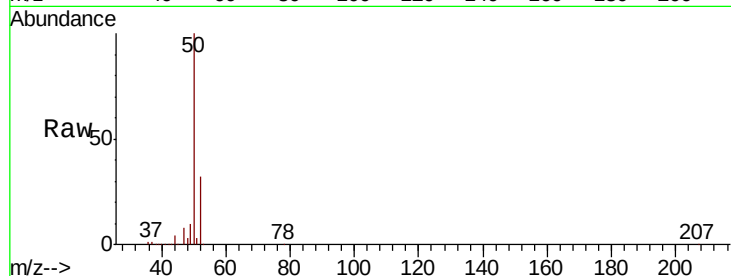
ClientSampled :

Tot Ion: 50 Resp: 132413

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 19.341 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059102.D

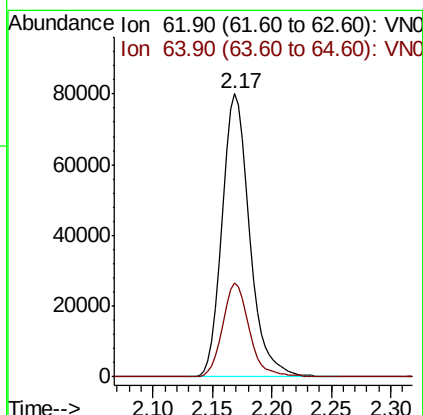
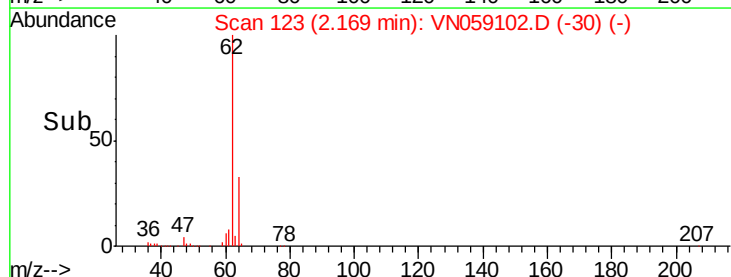
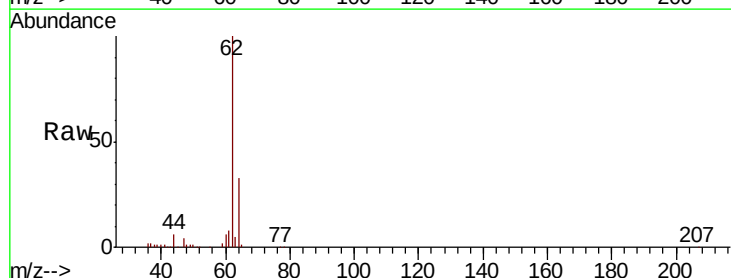
Acq: 6 Nov 2019 13:12

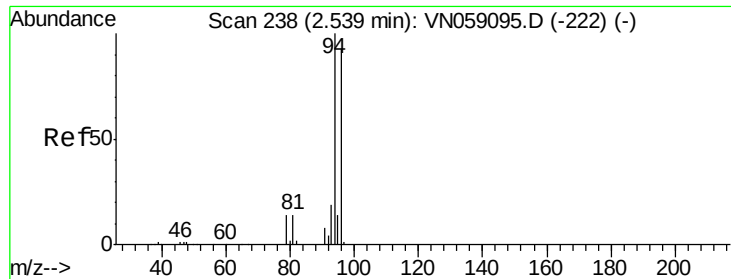
Tgt Ion: 62 Resp: 128799

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 19.509 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

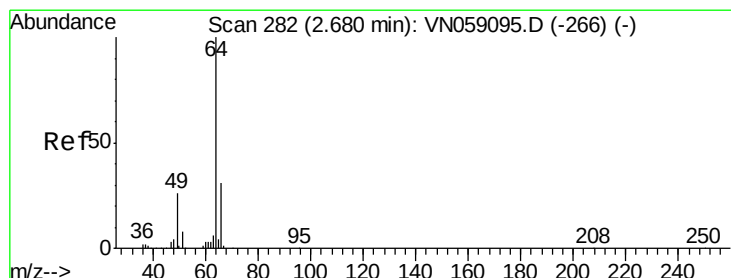
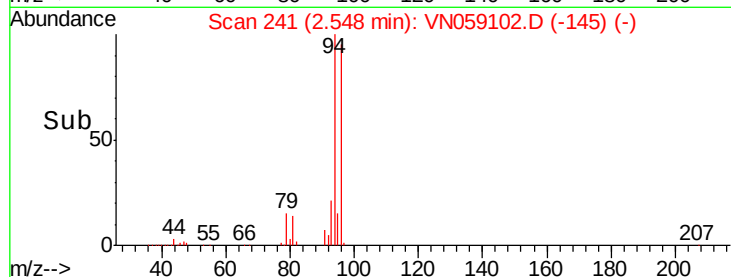
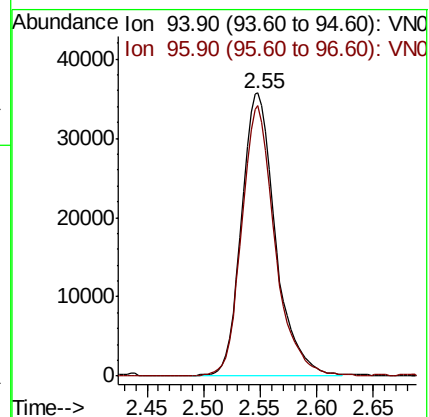
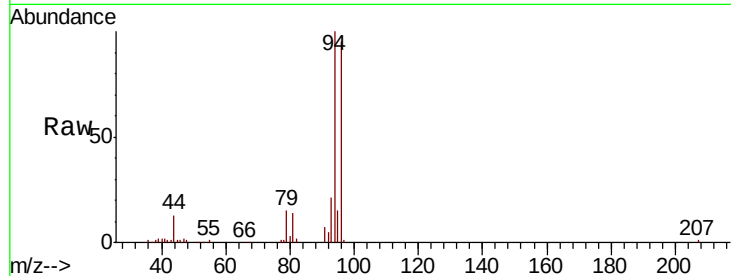
ClientSampled :

Tot Ion: 94 Resp: 74763

Ion Ratio Lower Upper

94 100

96 95.4 74.2 111.2



#6

Chloroethane

Concen: 19.648 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059102.D

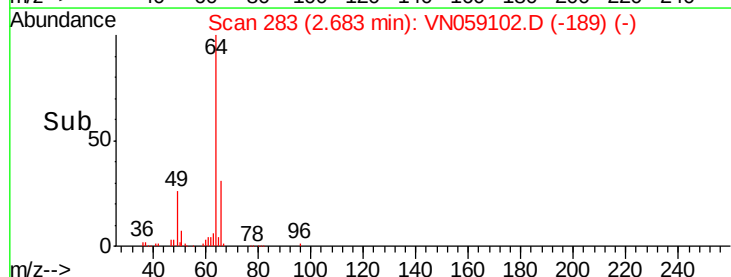
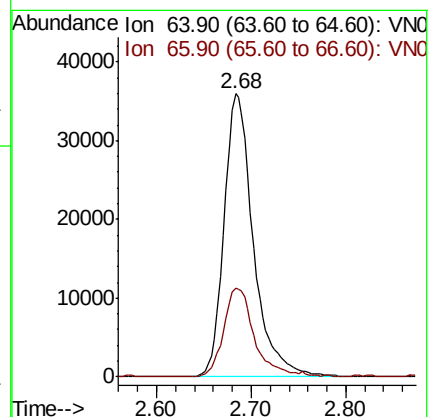
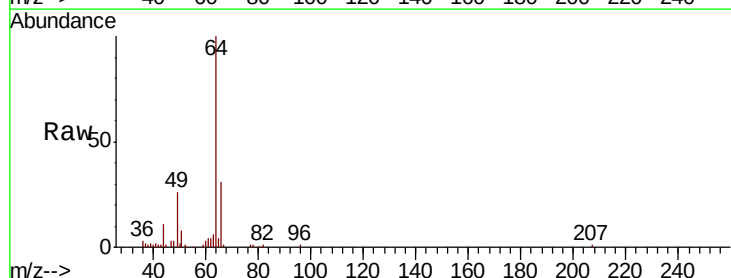
Acq: 6 Nov 2019 13:12

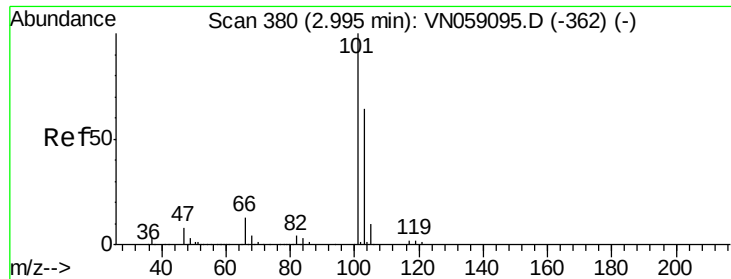
Tgt Ion: 64 Resp: 77400

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8



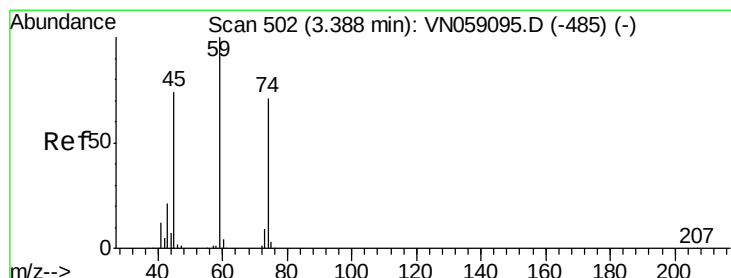
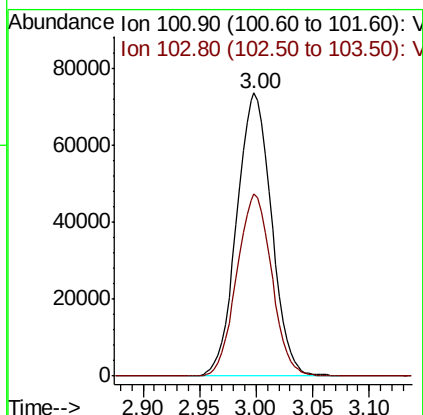
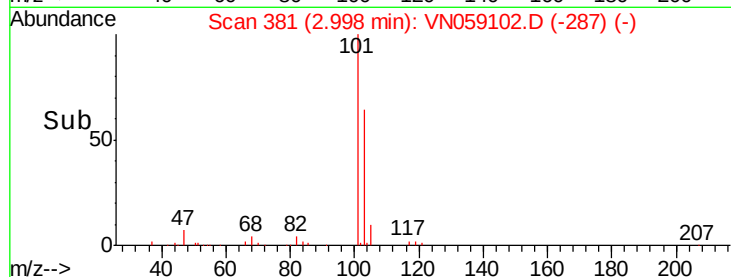
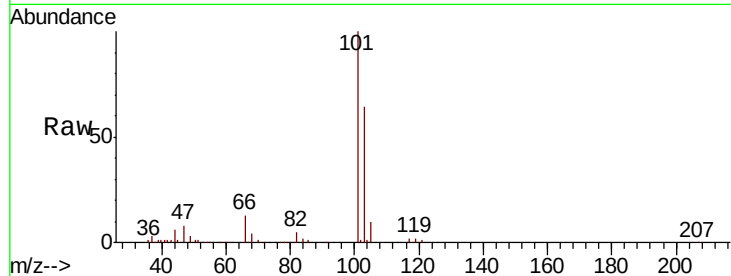


#7

Trichlorofluoromethane
 Concen: 19.773 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :

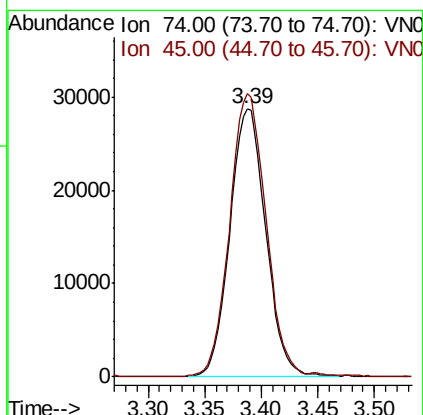
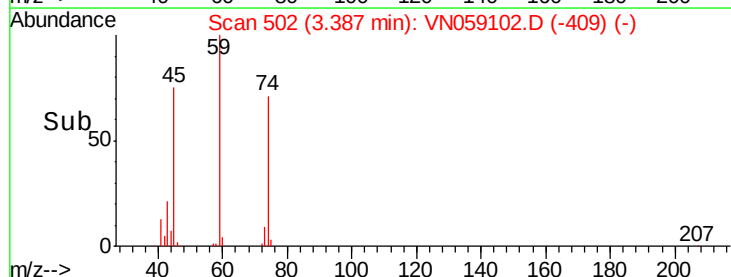
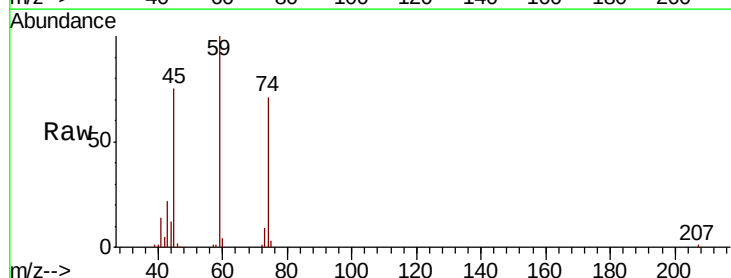
Tot Ion:101 Resp: 157503
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8

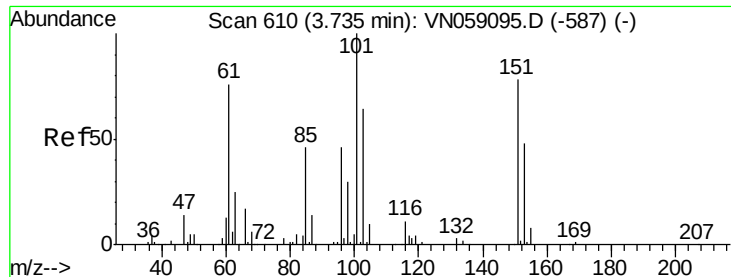


#8

Diethyl Ether
 Concen: 19.655 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion: 74 Resp: 63614
 Ion Ratio Lower Upper
 74 100
 45 106.9 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.733 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

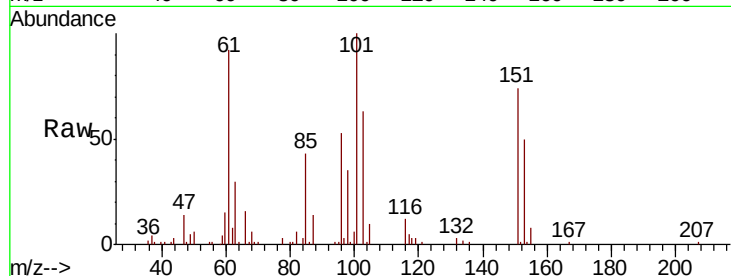
Tot Ion:101 Resp: 94773

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

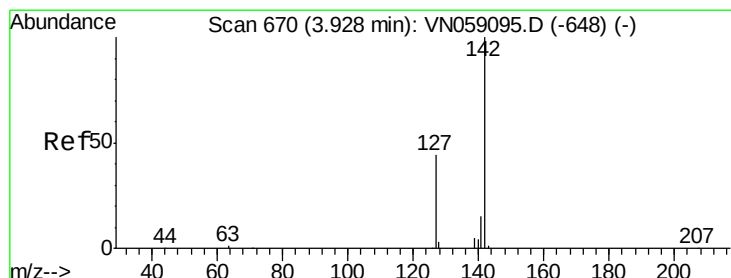
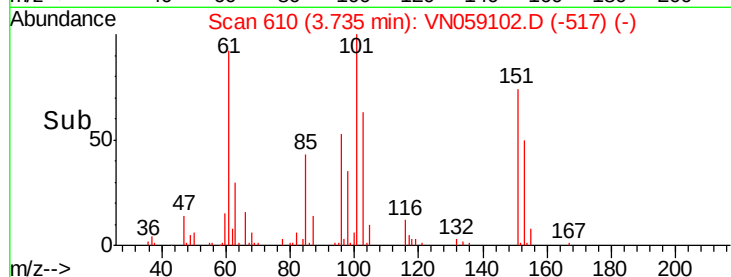
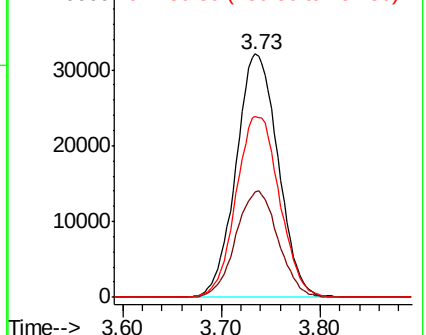
151 76.7 62.2 93.2



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: 19.216 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

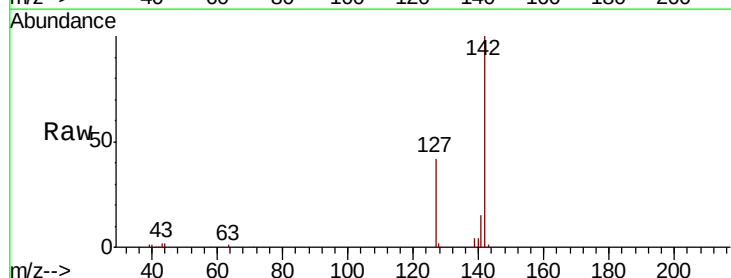
Tgt Ion:142 Resp: 114235

Ion Ratio Lower Upper

142 100

127 43.4 34.2 51.2

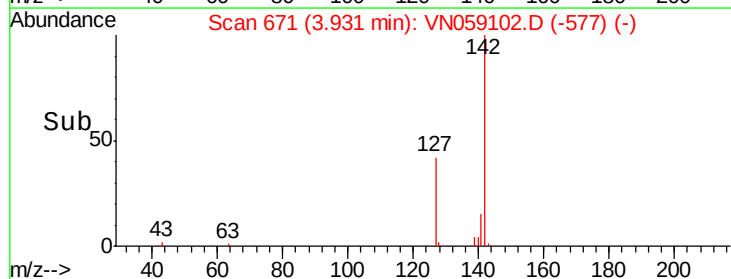
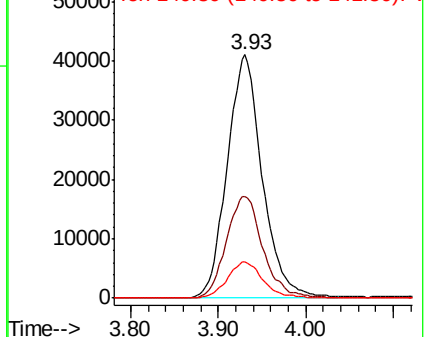
141 14.9 11.4 17.0

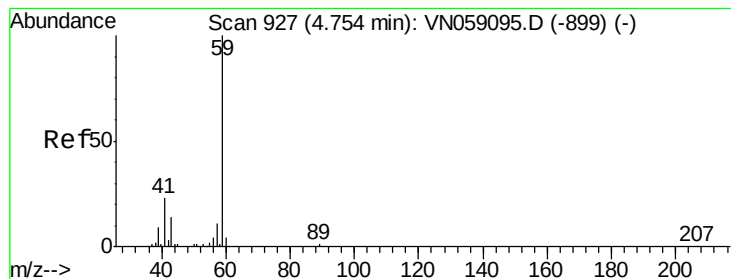


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.529 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

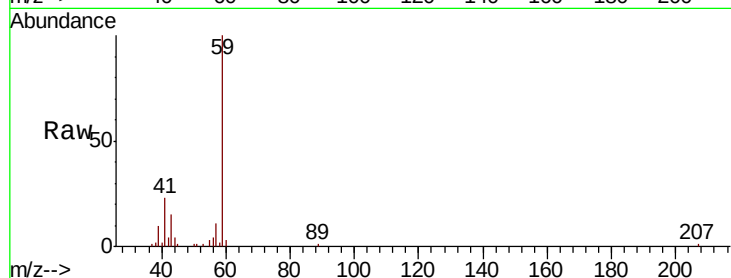
ClientSampleId :

Tot Ion: 59 Resp: 111065

Ion Ratio Lower Upper

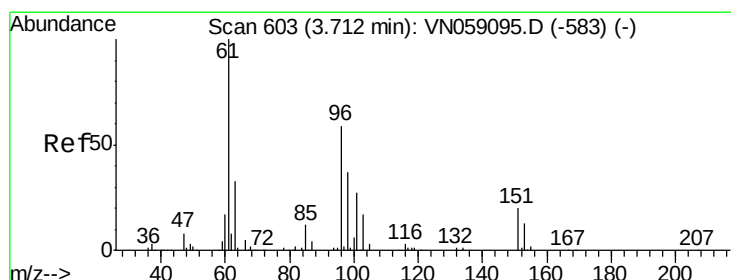
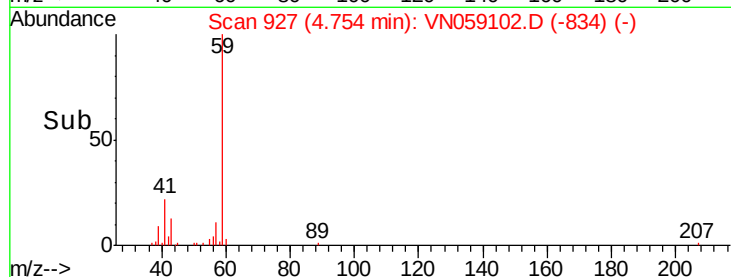
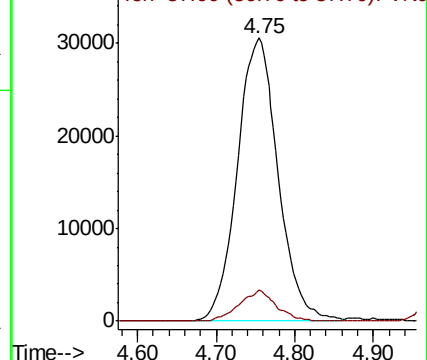
59 100

57 9.8 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.508 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

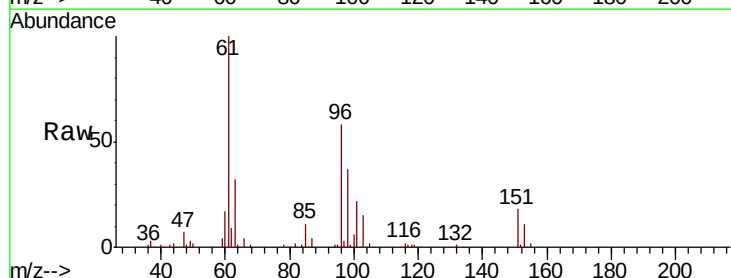
Tgt Ion: 96 Resp: 91269

Ion Ratio Lower Upper

96 100

61 173.6 136.5 204.7

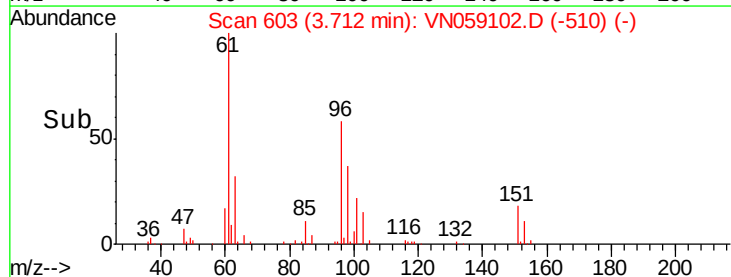
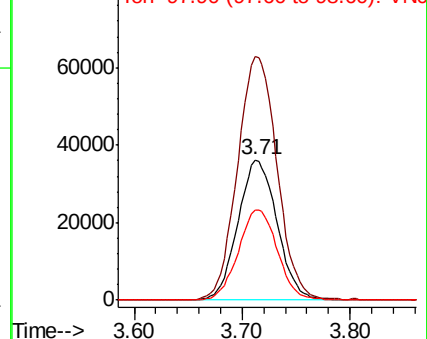
98 64.0 50.2 75.4

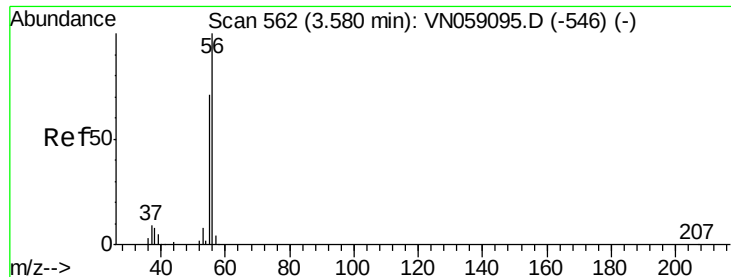


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 100.793 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

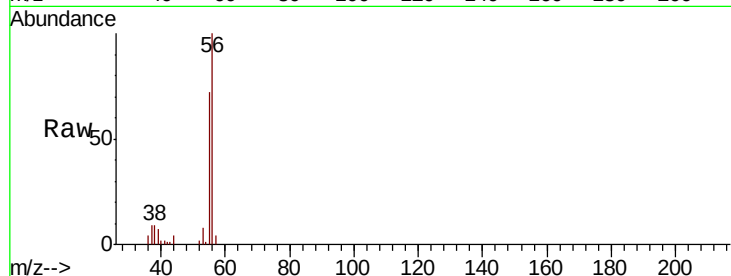
ClientSampled :

Tot Ion: 56 Resp: 61057

Ion Ratio Lower Upper

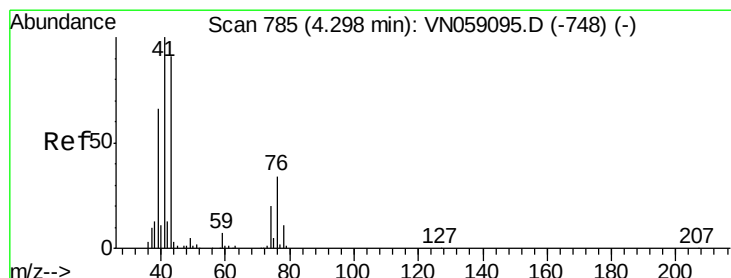
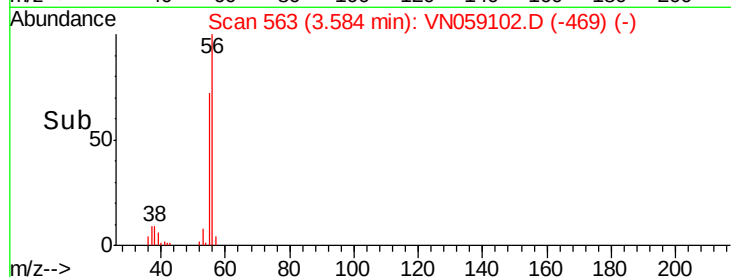
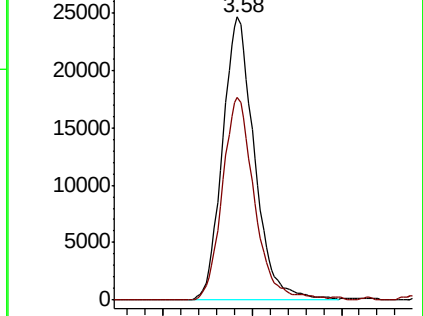
56 100

55 72.0 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN059102.D (-469) (-)

Ion 55.00 (54.70 to 55.70): VN059102.D (-469) (-)



#14

Allyl chloride

Concen: 19.208 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

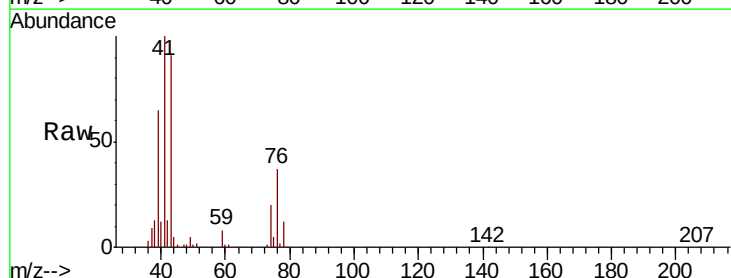
Tgt Ion: 41 Resp: 184589

Ion Ratio Lower Upper

41 100

39 60.9 49.1 73.7

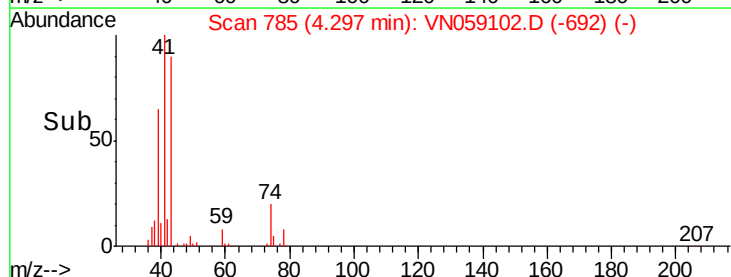
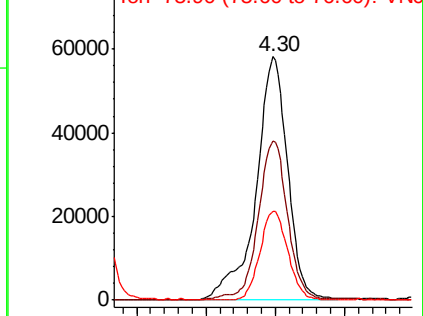
76 32.2 24.9 37.3

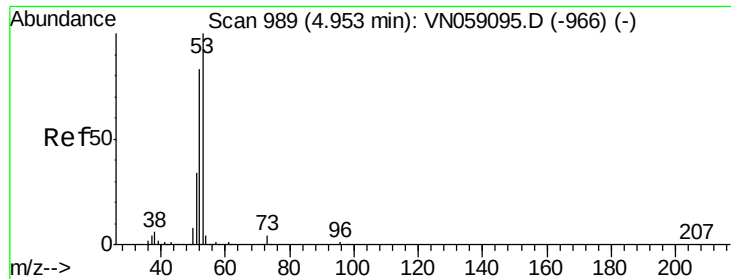


Abundance Ion 41.00 (40.70 to 41.70): VN059102.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN059102.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN059102.D (-692) (-)





#15

Acrylonitrile

Concen: 101.862 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

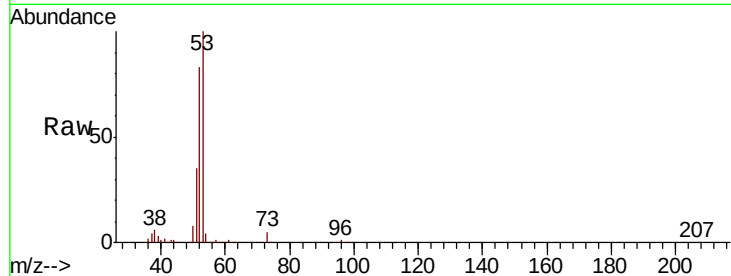
Tot Ion: 53 Resp: 297843

Ion Ratio Lower Upper

53 100

52 82.9 65.0 97.6

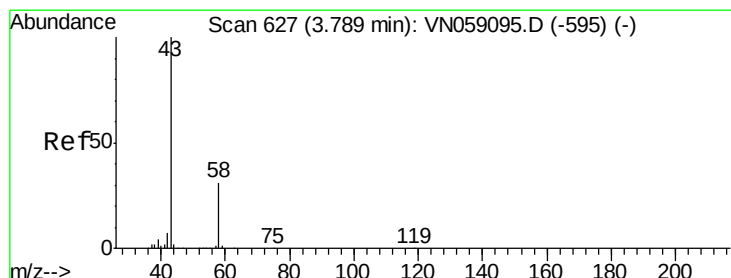
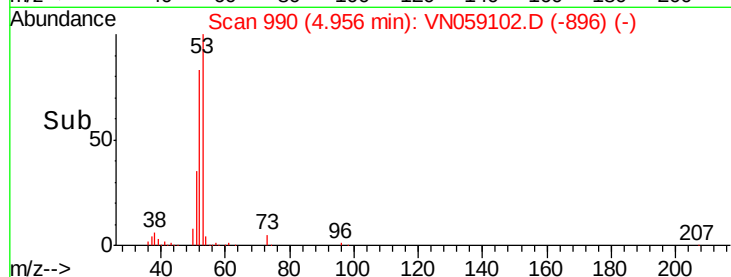
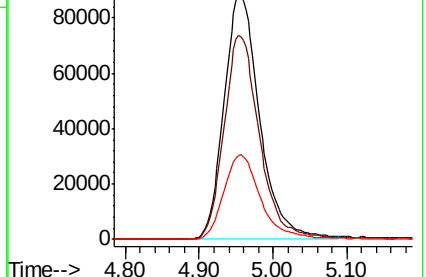
51 35.5 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN059102.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059102.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059102.D (-966) (-)



#16

Acetone

Concen: 97.299 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059102.D

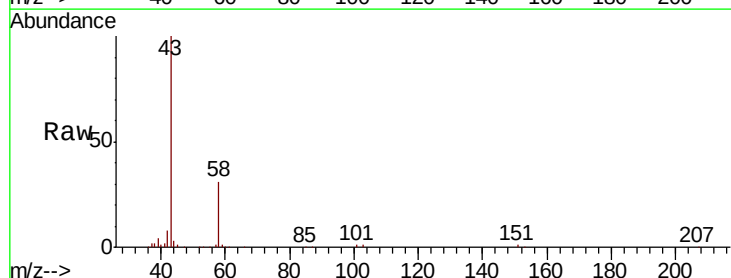
Acq: 6 Nov 2019 13:12

Tgt Ion: 43 Resp: 311935

Ion Ratio Lower Upper

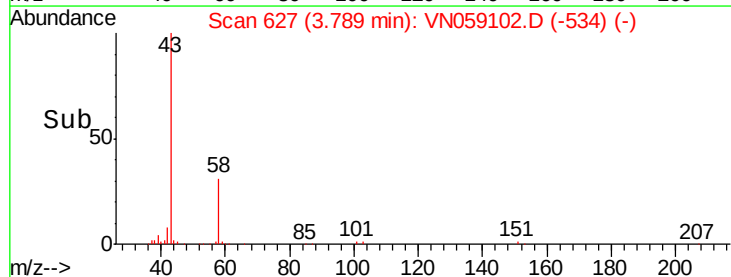
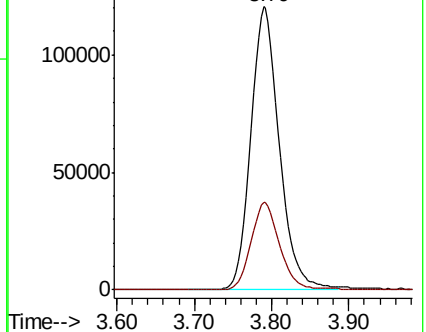
43 100

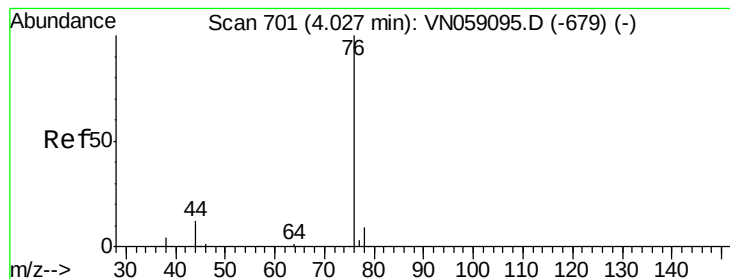
58 31.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059102.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059102.D (-534) (-)





#17

Carbon Disulfide

Concen: 18.948 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

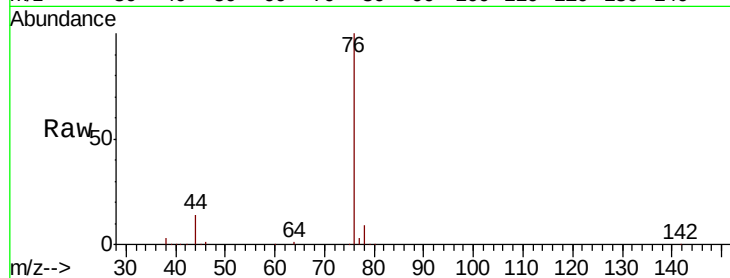
ClientSampleId :

Tot Ion: 76 Resp: 275182

Ion Ratio Lower Upper

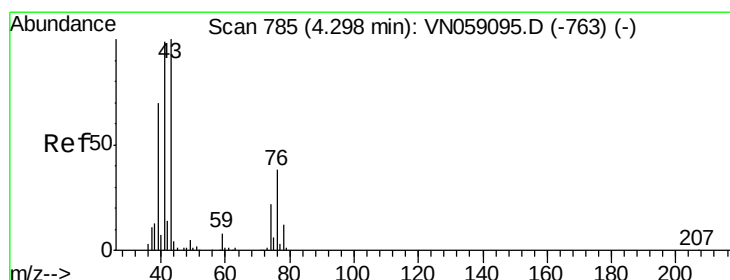
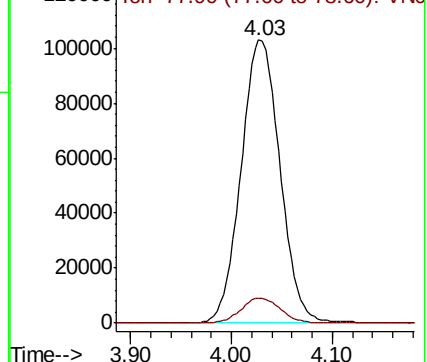
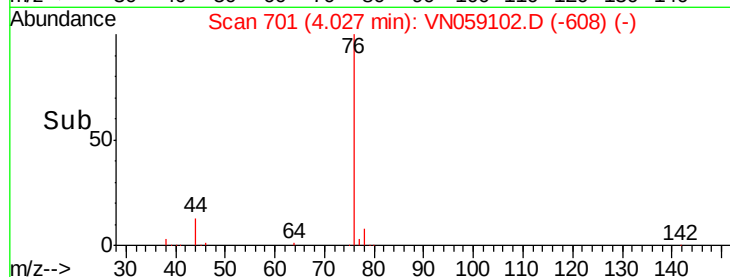
76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059102.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059102.D (-608) (-)



#18

Methyl Acetate

Concen: 20.173 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059102.D

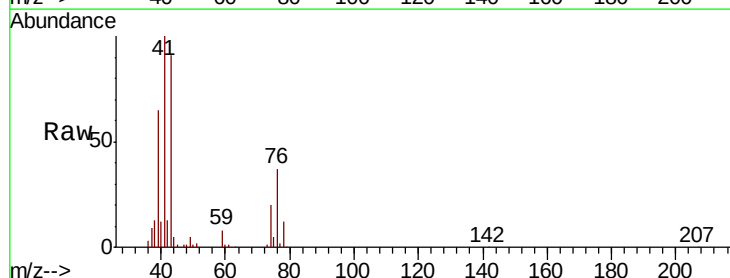
Acq: 6 Nov 2019 13:12

Tgt Ion: 43 Resp: 153509

Ion Ratio Lower Upper

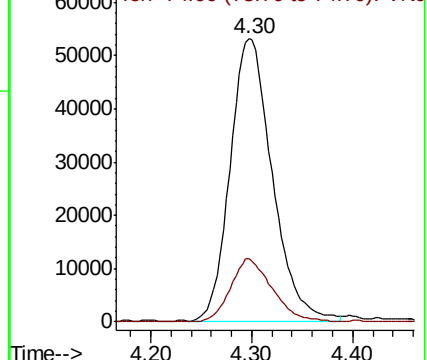
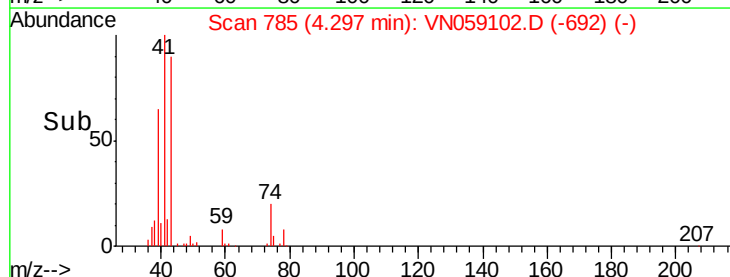
43 100

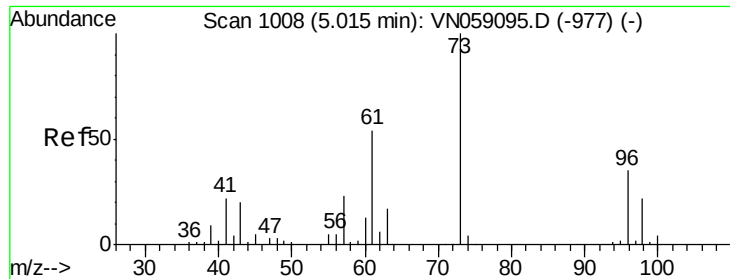
74 22.2 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN059102.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN059102.D (-692) (-)

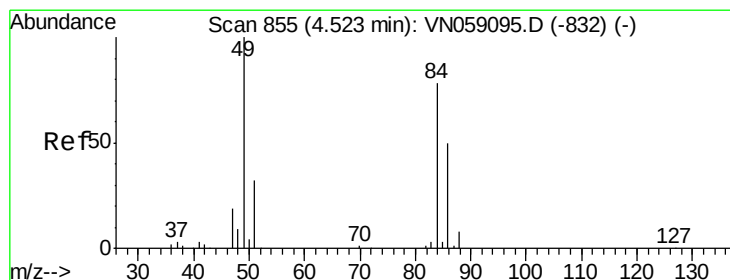
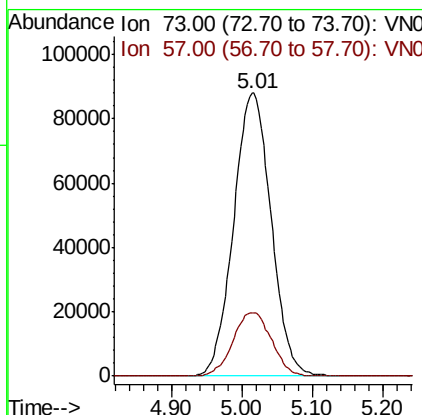
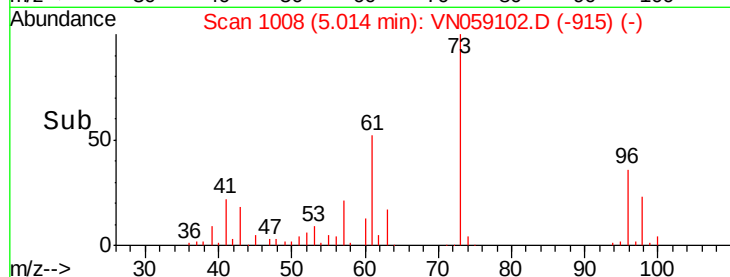
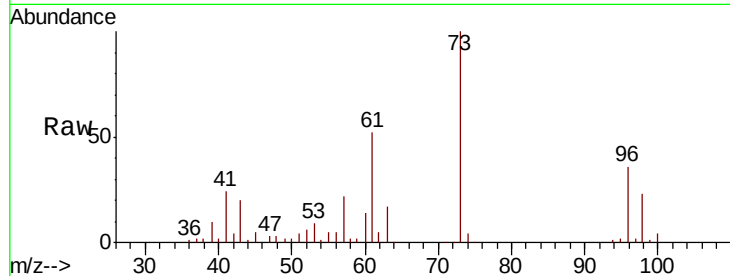




#19
Methvl tert-butyl Ether
Concen: 20.287 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

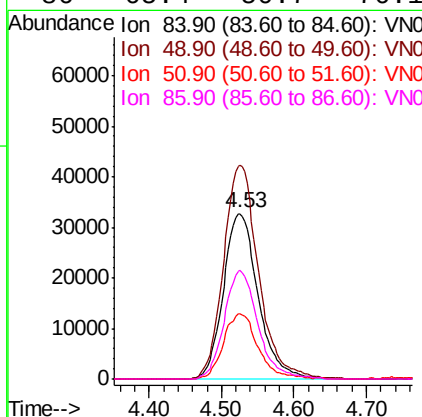
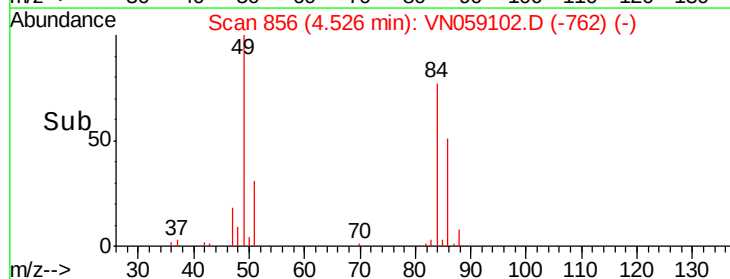
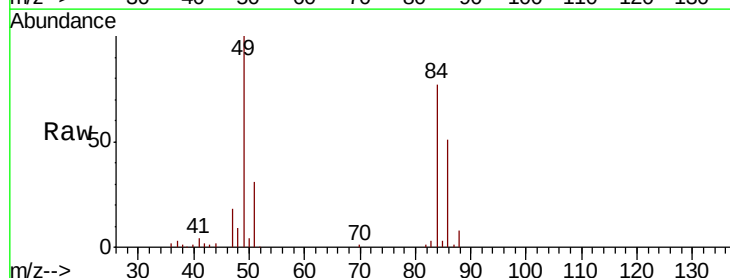
Instrument :
MSVOA_N
ClientSampleId :

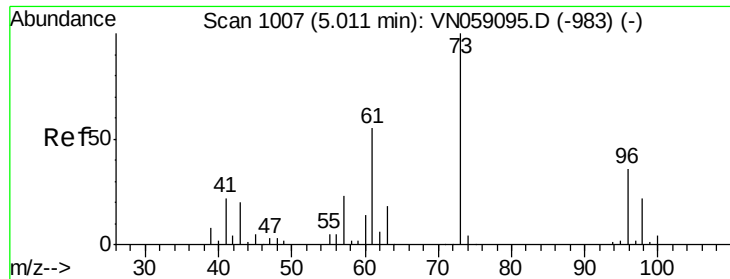
Tot Ion: 73 Resp: 326775
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 19.535 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 84 Resp: 109108
Ion Ratio Lower Upper
84 100
49 129.2 102.0 153.0
51 39.7 32.2 48.2
86 65.4 50.7 76.1

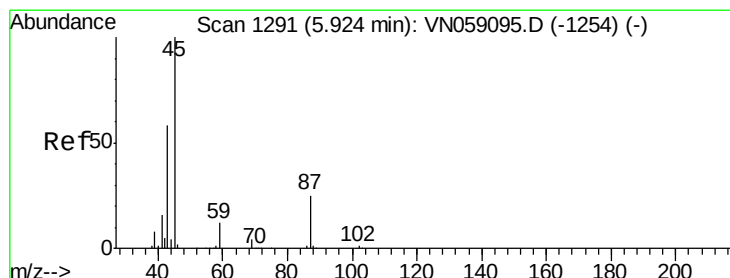
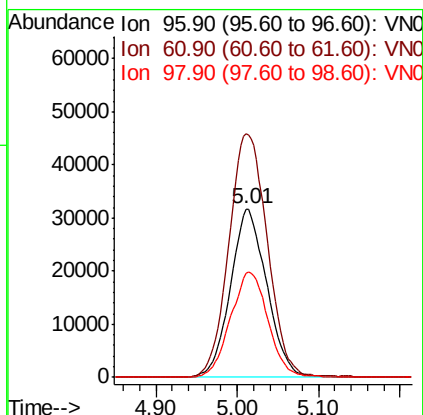
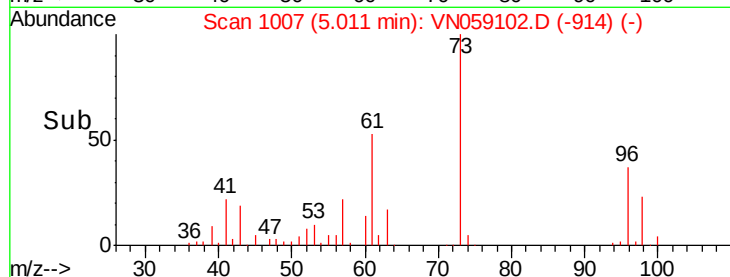
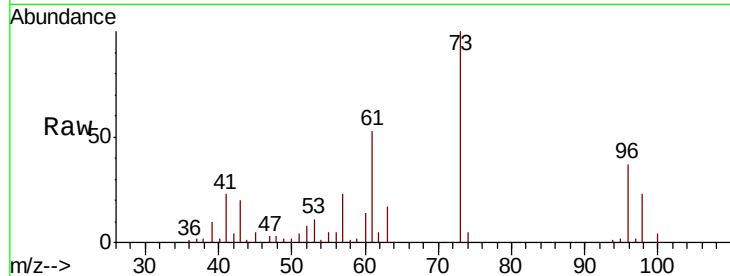




#21
trans-1,2-Dichloroethene
Concen: 19.619 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

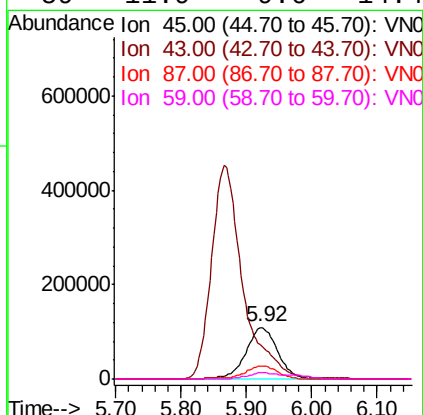
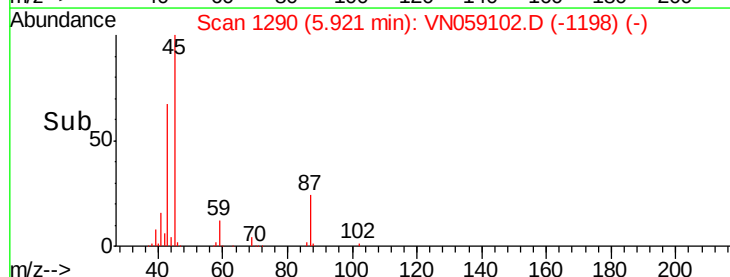
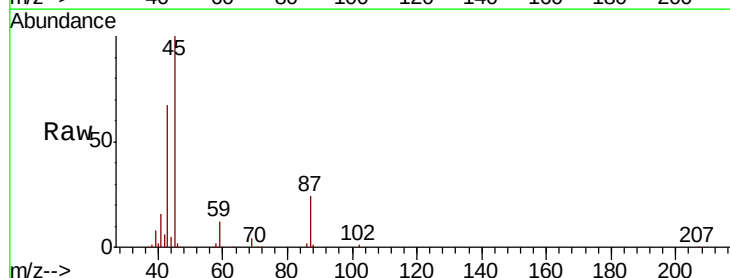
Instrument :
MSVOA_N
ClientSampleId :

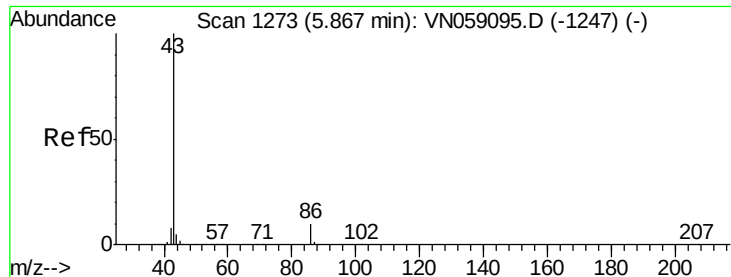
Tot Ion: 96 Resp: 98526
Ion Ratio Lower Upper
96 100
61 144.5 122.6 183.8
98 61.7 50.3 75.5



#22
Diisopropyl ether
Concen: 20.266 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 45 Resp: 367871
Ion Ratio Lower Upper
45 100
43 65.3 46.7 70.1
87 24.5 20.5 30.7
59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 107.311 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

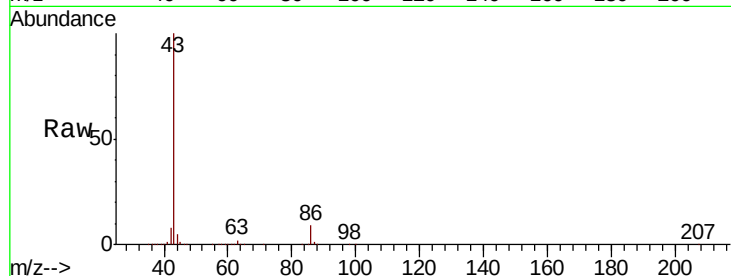
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1509681

Ion Ratio Lower Upper

43 100

86 9.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059102.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059102.D (-1180) (-)

5.87

500000

400000

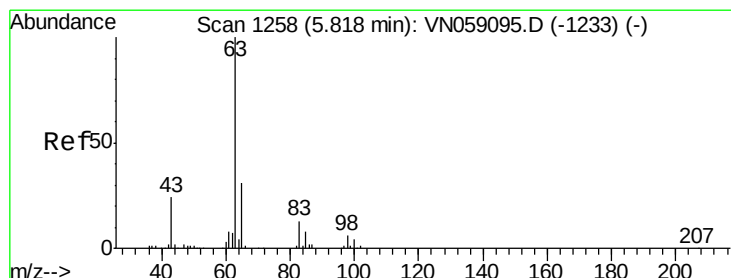
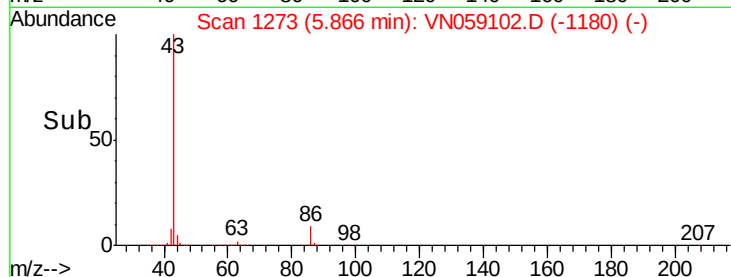
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.726 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

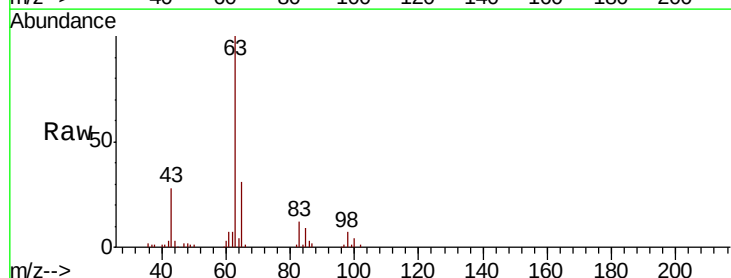
Tgt Ion: 63 Resp: 199994

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.4

100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059102.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059102.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059102.D (-1165) (-)

5.82

80000

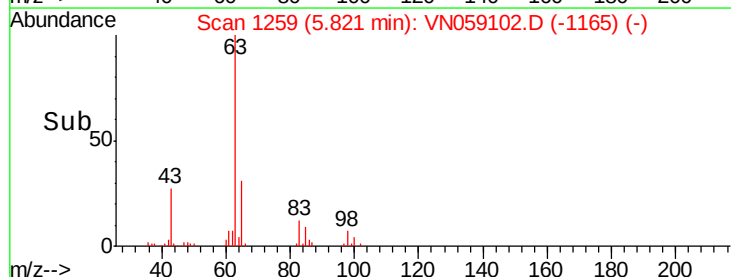
60000

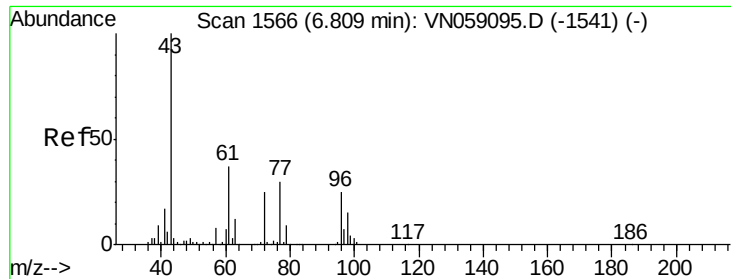
40000

20000

0

Time--> 5.70 5.80 5.90

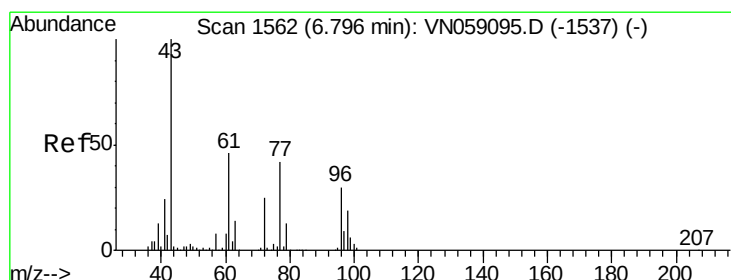
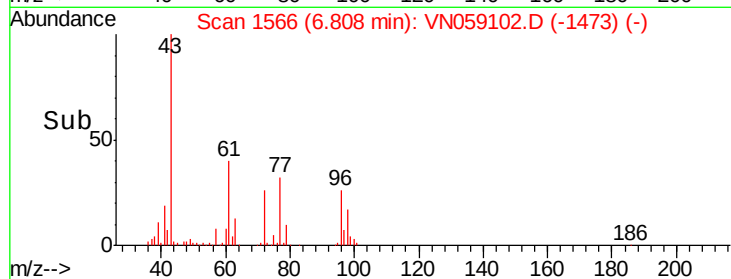
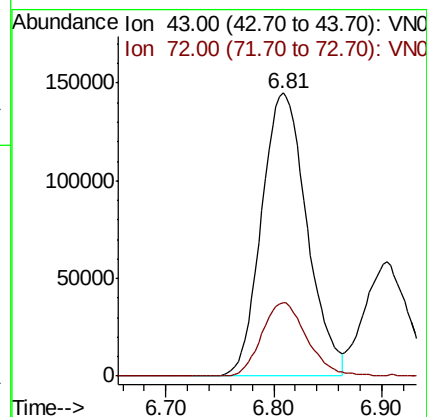
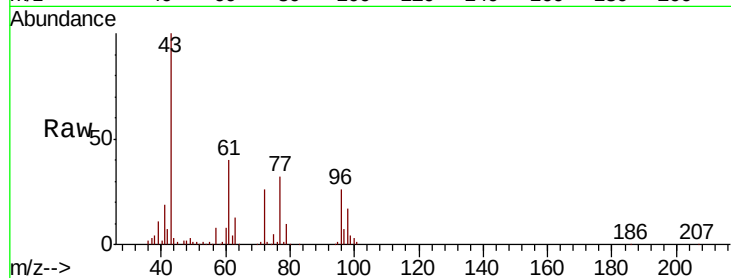




#25
2-Butanone
Concen: 99.729 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

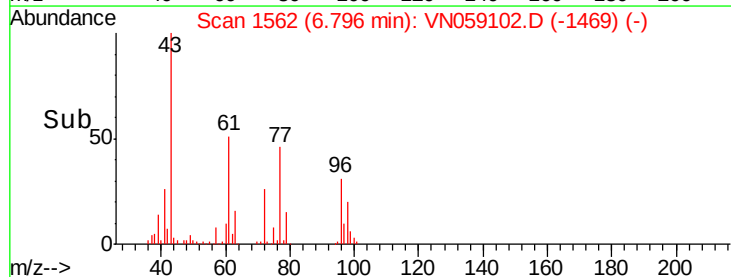
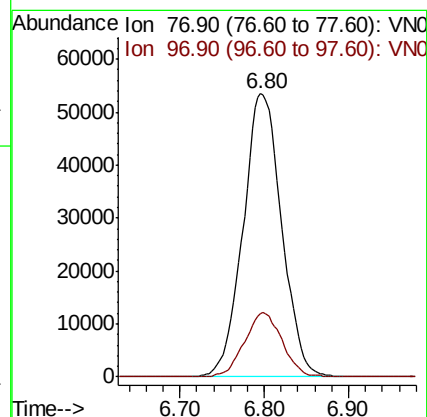
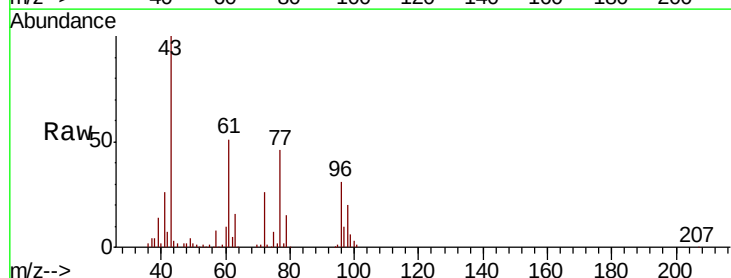
Instrument :
MSVOA_N
ClientSampled :

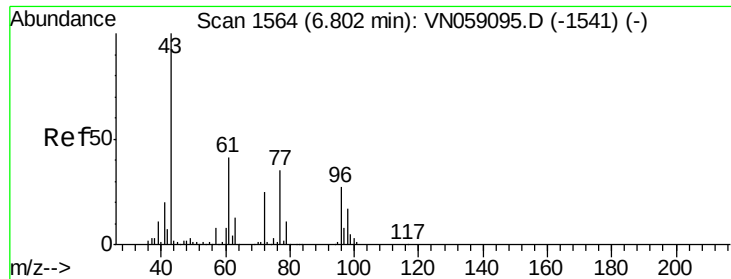
Tot Ion: 43 Resp: 421381
Ion Ratio Lower Upper
43 100
72 26.2 20.3 30.5



#26
2,2-Dichloropropane
Concen: 19.182 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 77 Resp: 170050
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.760 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :

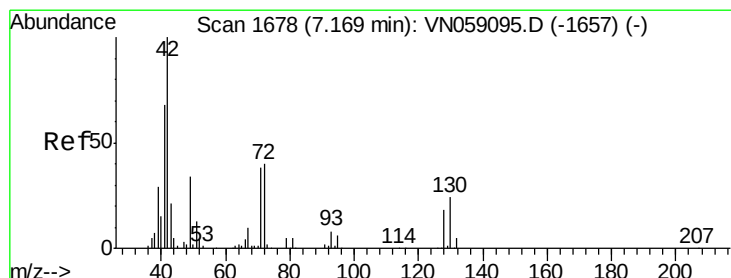
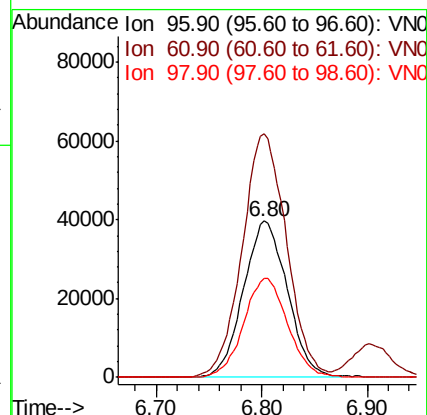
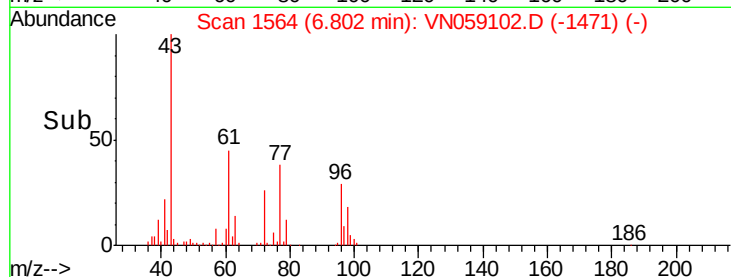
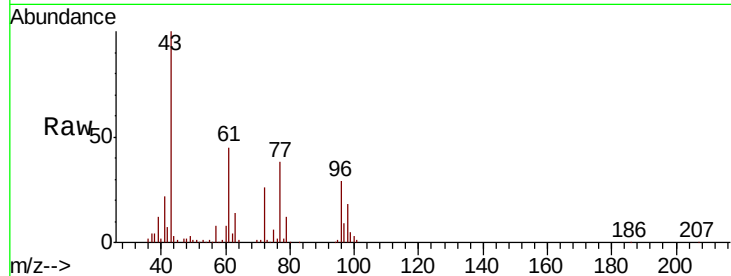
Tot Ion: 96 Resp: 115123

Ion Ratio Lower Upper

96 100

61 156.8 0.0 311.6

98 63.5 0.0 129.8



#28

Bromochloromethane

Concen: 20.073 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

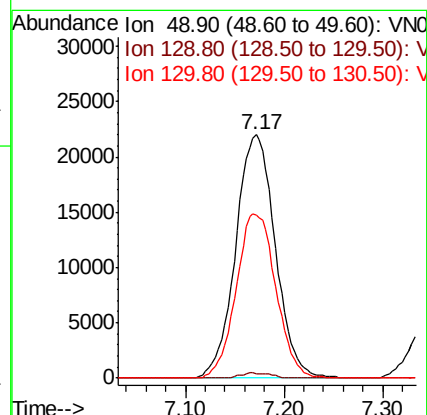
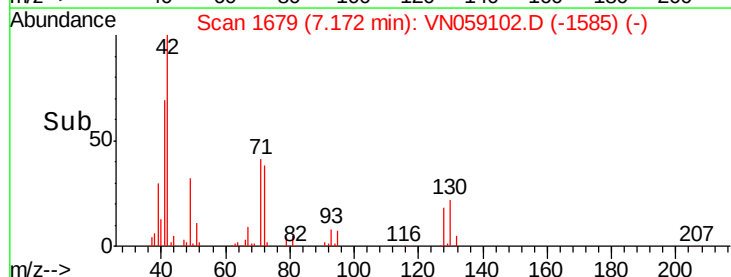
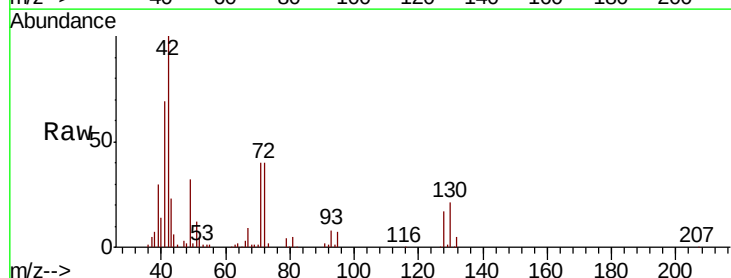
Tgt Ion: 49 Resp: 61226

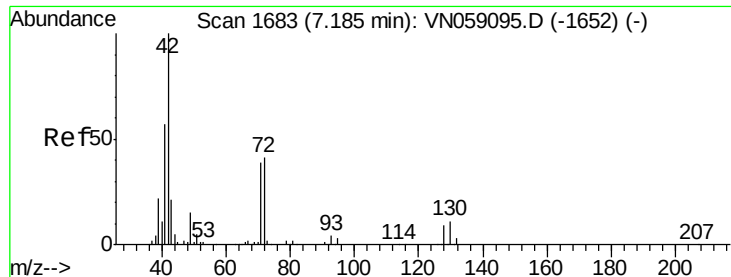
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 67.6 55.6 83.4

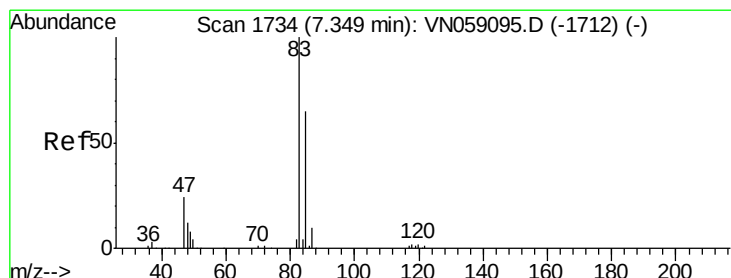
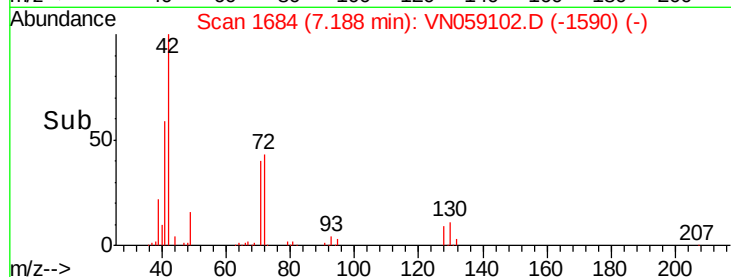
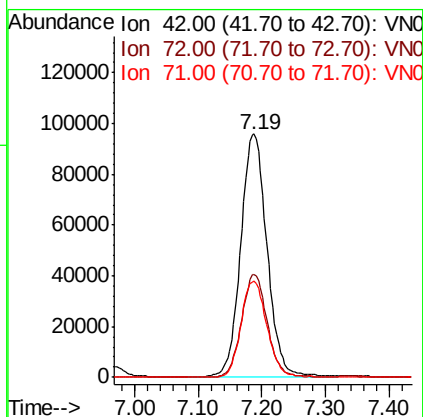
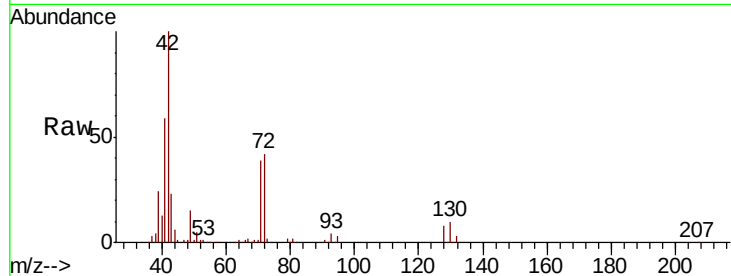




#29
Tetrahydrofuran
Concen: 102.991 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

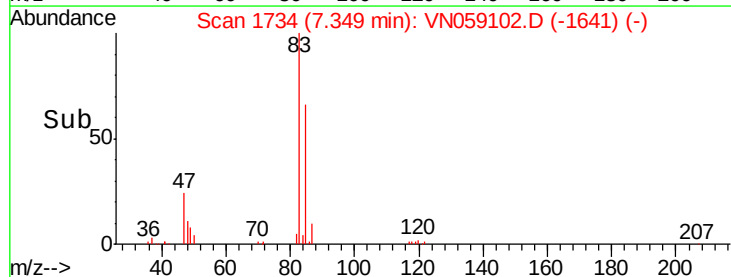
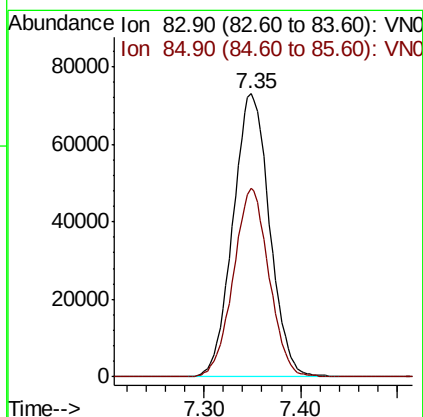
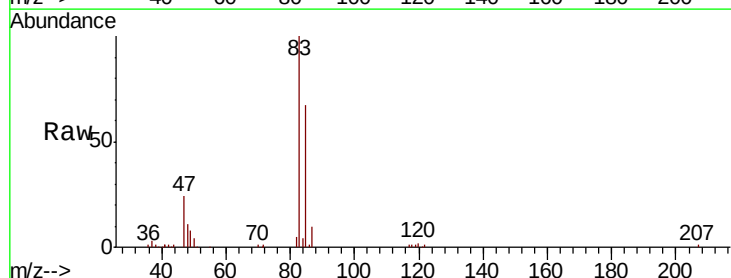
Instrument :
MSVOA_N
ClientSampled :

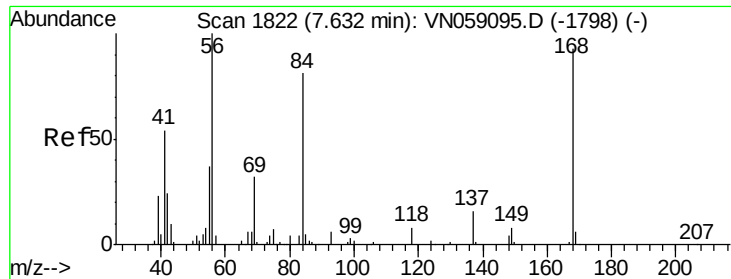
Tot Ion: 42 Resp: 276501
Ion Ratio Lower Upper
42 100
72 41.2 33.1 49.7
71 38.7 30.9 46.3



#30
Chloroform
Concen: 19.753 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 83 Resp: 192111
Ion Ratio Lower Upper
83 100
85 66.7 51.8 77.8

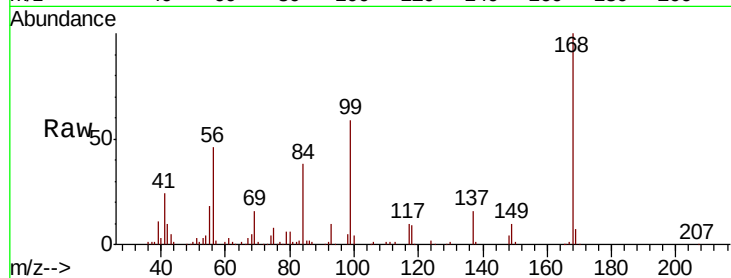




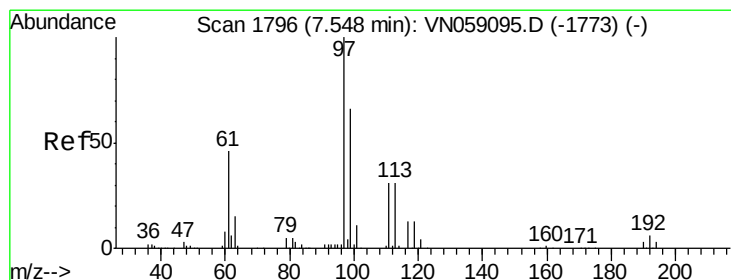
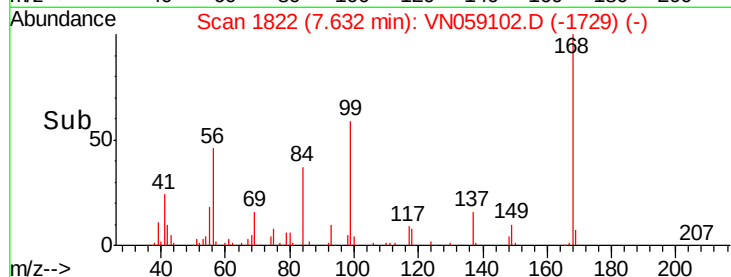
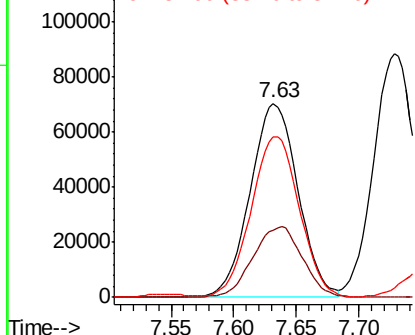
#31
Cyclohexane
Concen: 19.469 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 186860
Ion Ratio Lower Upper
56 100
69 34.8 25.8 38.8
84 81.5 65.0 97.4

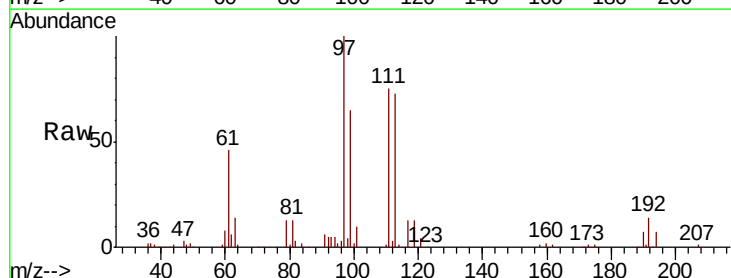


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

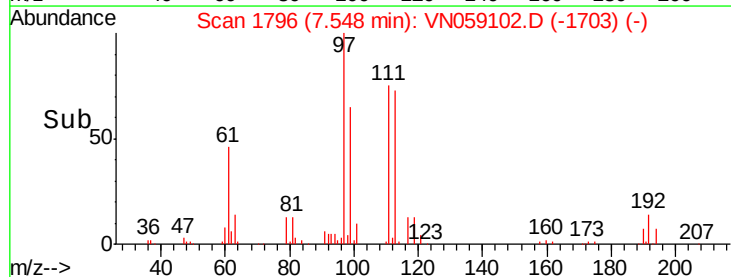
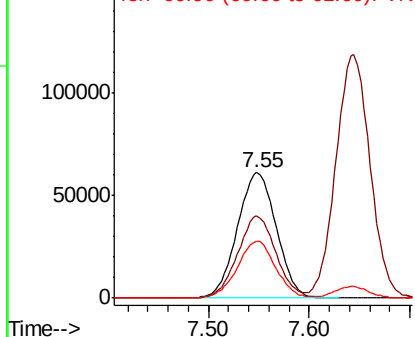


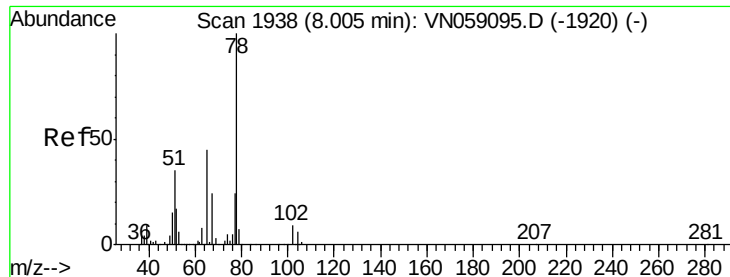
#32
1,1,1-Trichloroethane
Concen: 20.024 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 97 Resp: 163731
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 44.7 35.8 53.8



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

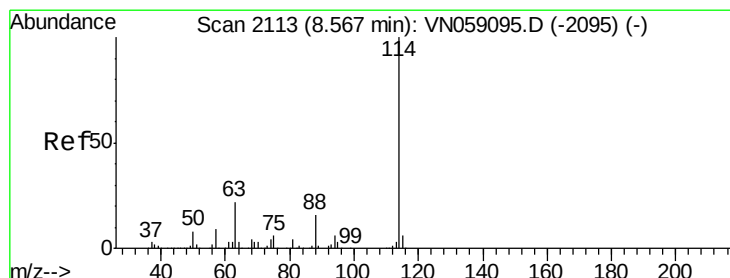
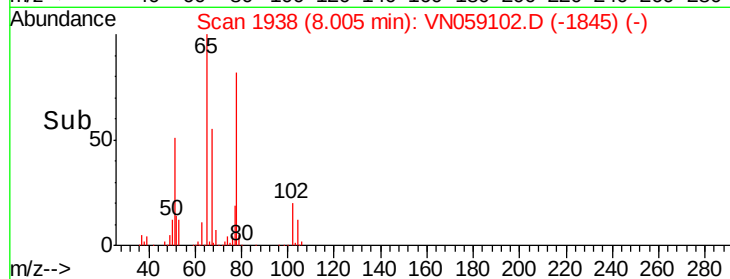
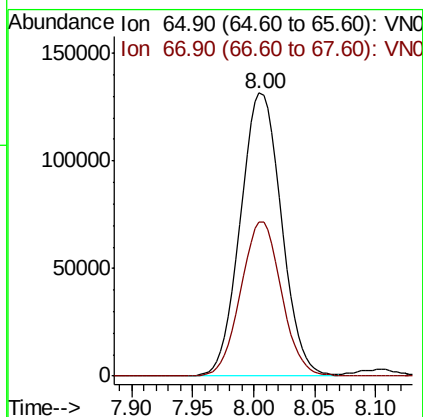
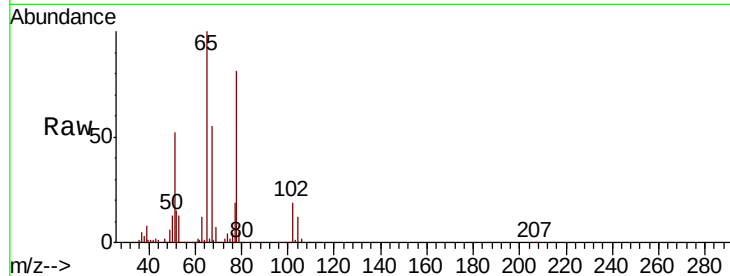




#33
 1,2-Dichloroethane-d4
 Concen: 49.791 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

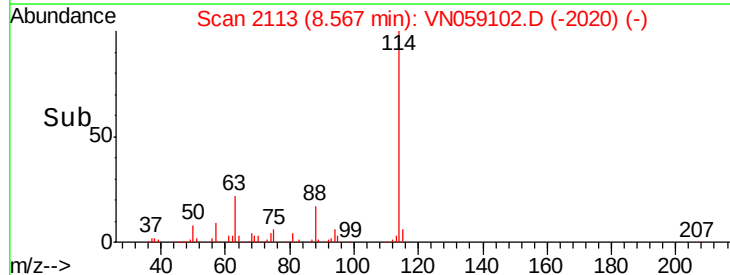
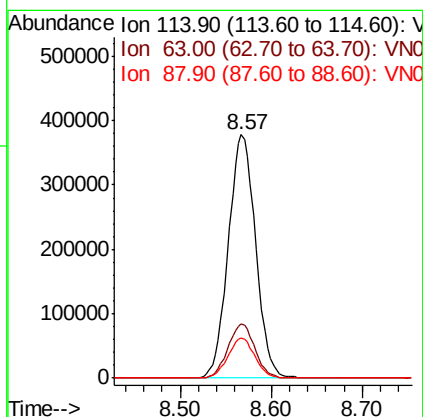
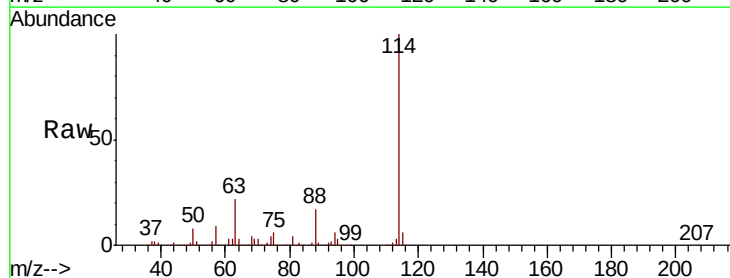
Instrument :
 MSVOA_N
 ClientSampled :

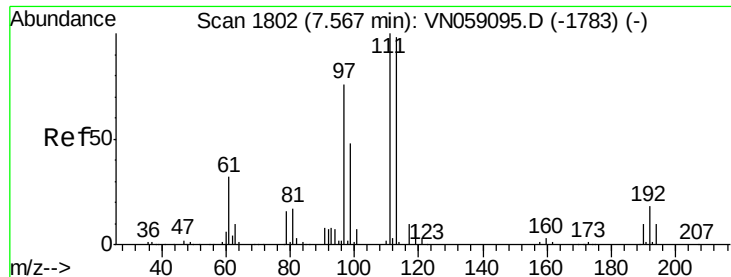
Tot Ion: 65 Resp: 306963
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion: 114 Resp: 786472
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 16.5 0.0 32.2

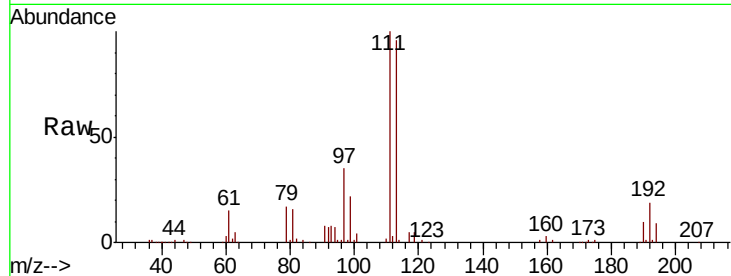




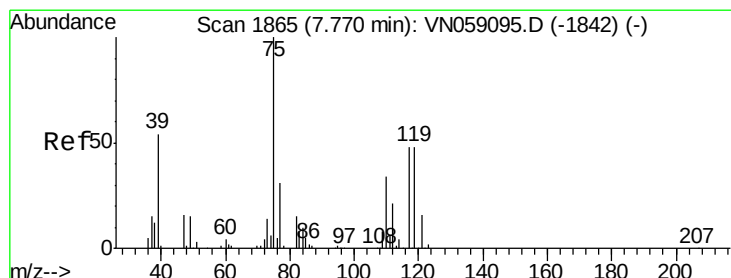
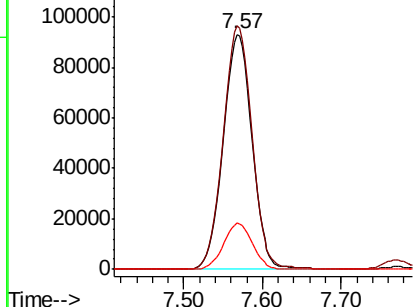
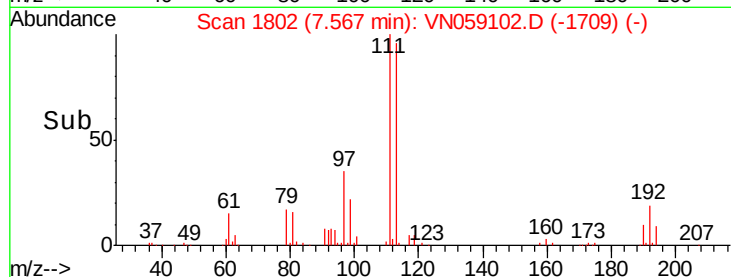
#35
Dibromofluoromethane
Concen: 50.217 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	19.6	16.1	24.1

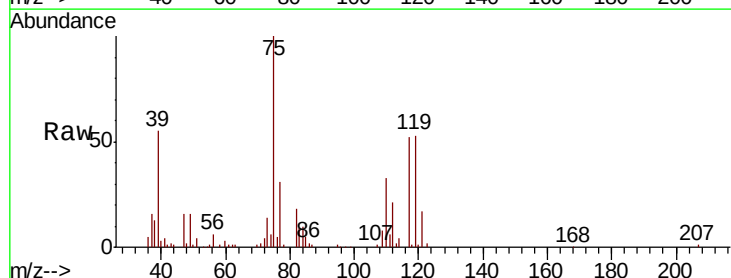


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

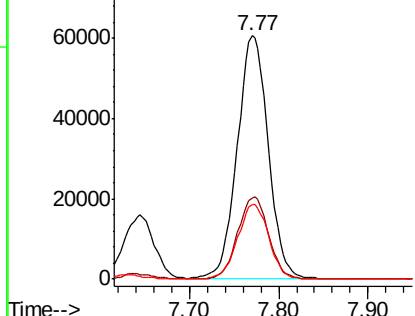
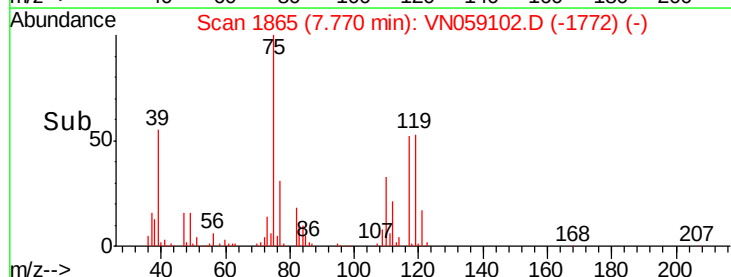


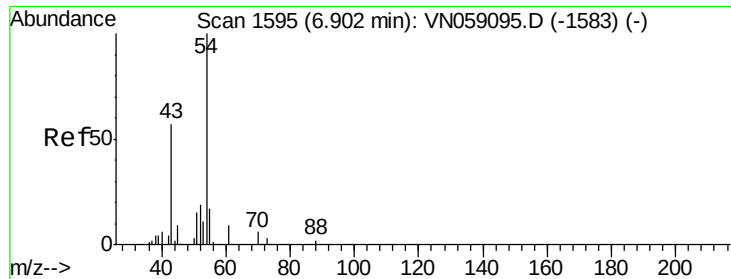
#36
1,1-Dichloropropene
Concen: 20.002 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.1	51.2
77	30.9	24.8	37.2



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

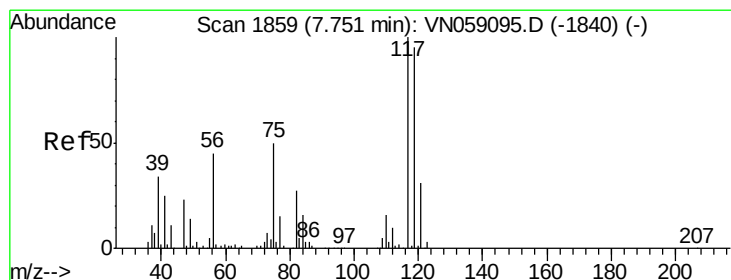
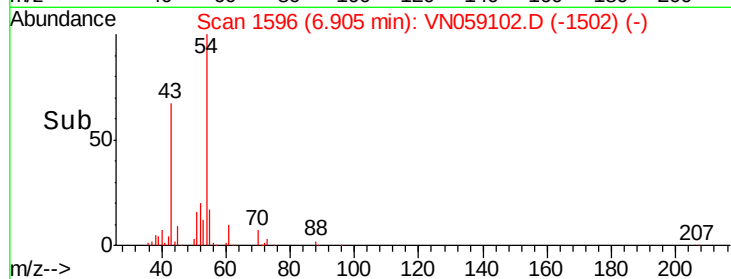
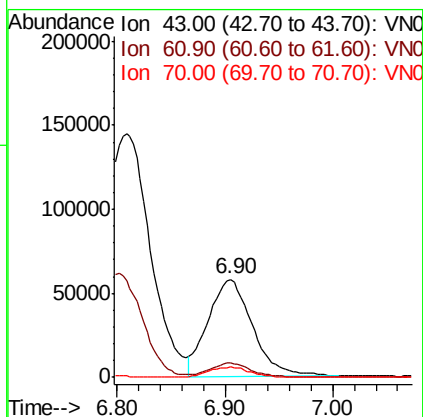
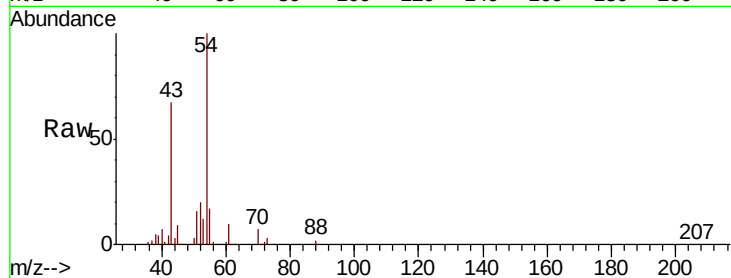




#37
Ethyl Acetate
Concen: 20.040 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

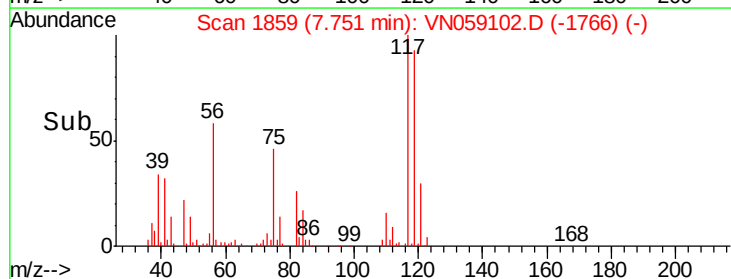
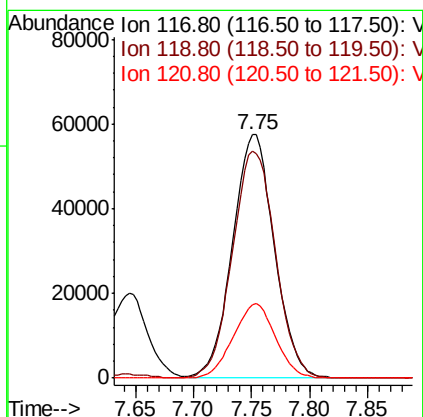
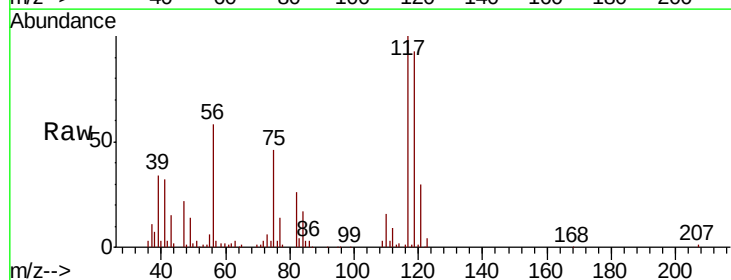
Instrument :
MSVOA_N
ClientSampleId :

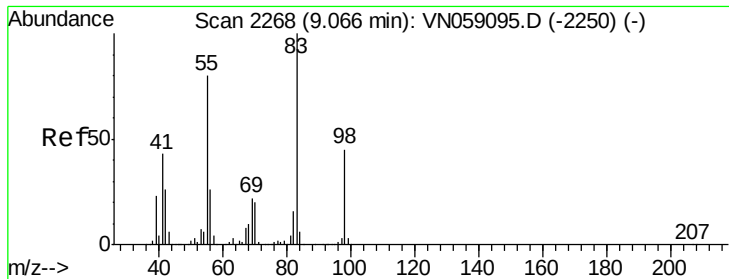
Tot Ion: 43 Resp: 163891
Ion Ratio Lower Upper
43 100
61 13.5 11.2 16.8
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.752 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 117 Resp: 144524
Ion Ratio Lower Upper
117 100
119 93.3 75.6 113.4
121 30.3 24.6 36.8

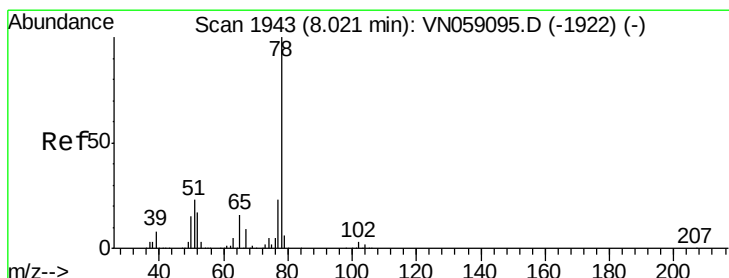
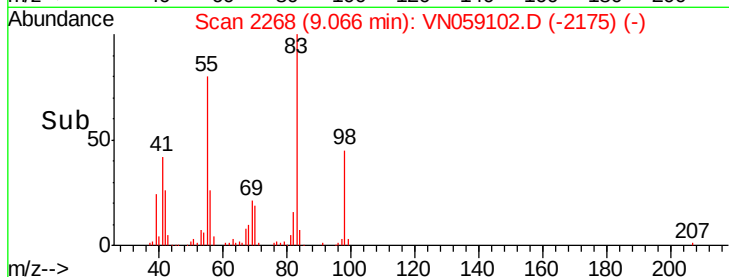
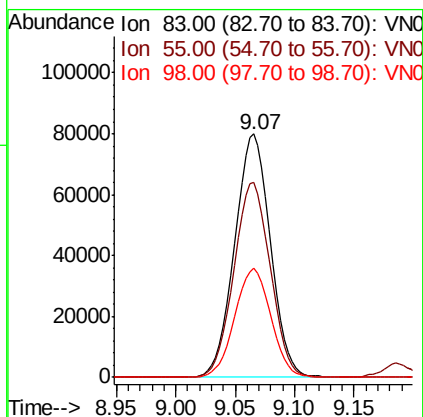
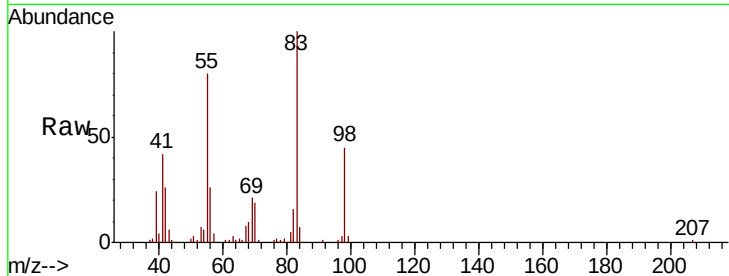




#39
Methylvlcyclohexane
Concen: 19.534 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

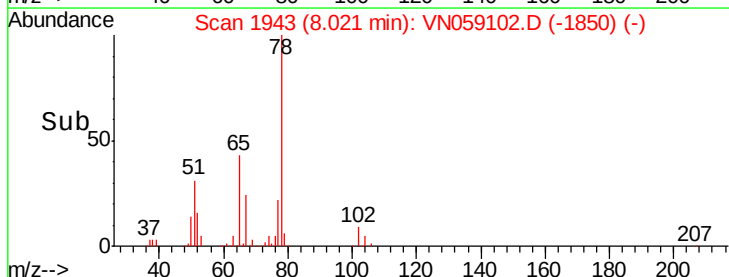
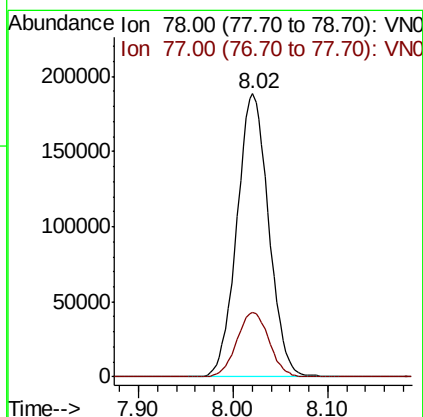
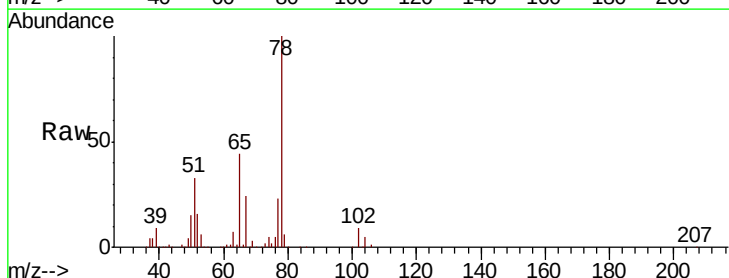
Instrument :
MSVOA_N
ClientSampleId :

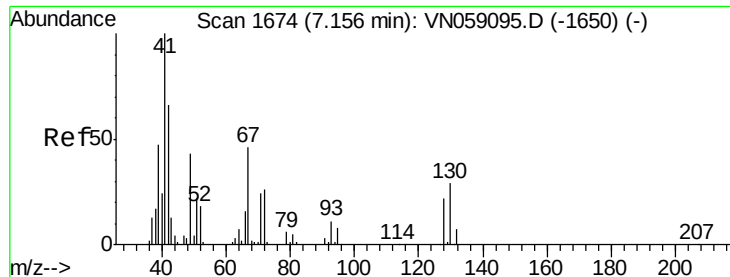
Tot Ion: 83 Resp: 166657
Ion Ratio Lower Upper
83 100
55 80.1 63.9 95.9
98 44.6 35.6 53.4



#40
Benzene
Concen: 19.925 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 78 Resp: 441091
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2

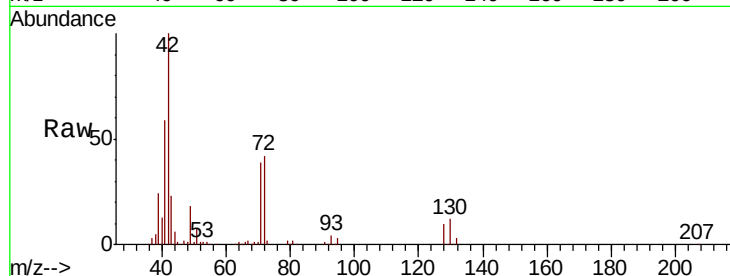




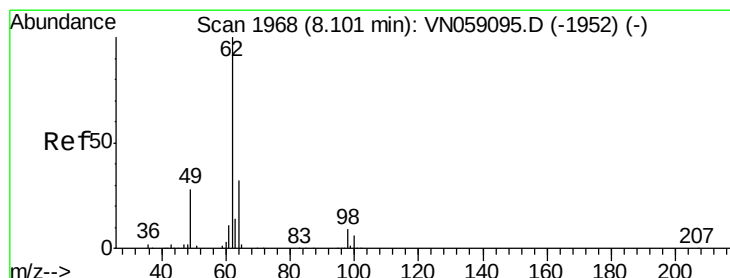
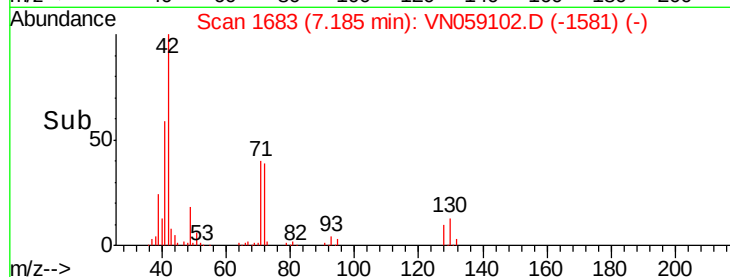
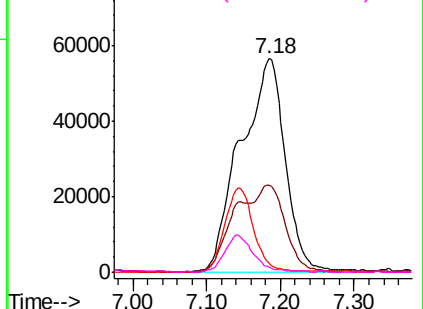
#41
Methacrylonitrile
Concen: 66.785 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	237496
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

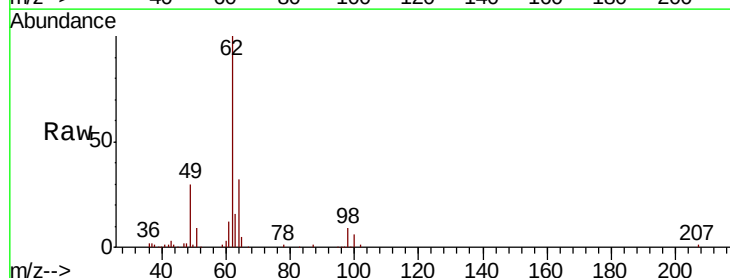


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

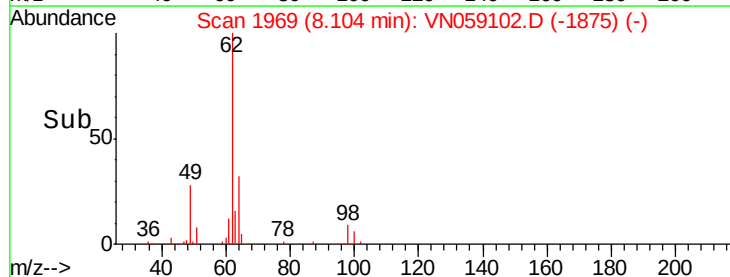
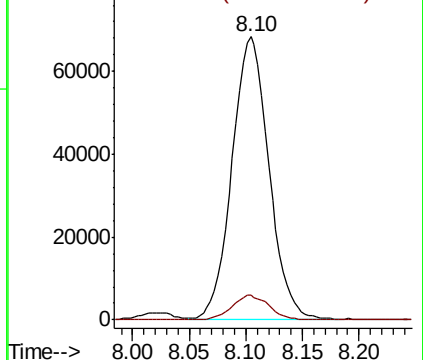


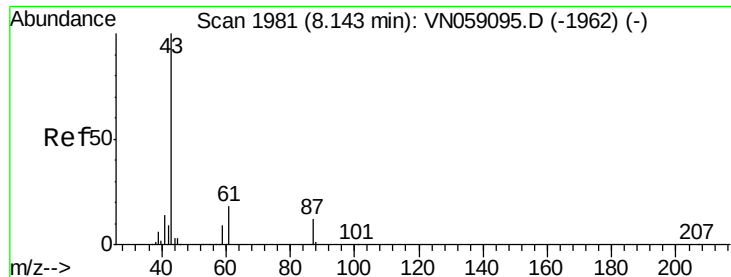
#42
1,2-Dichloroethane
Concen: 20.415 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion:	62	Resp:	154998
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

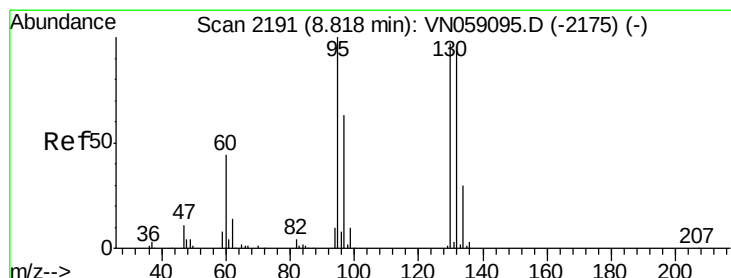
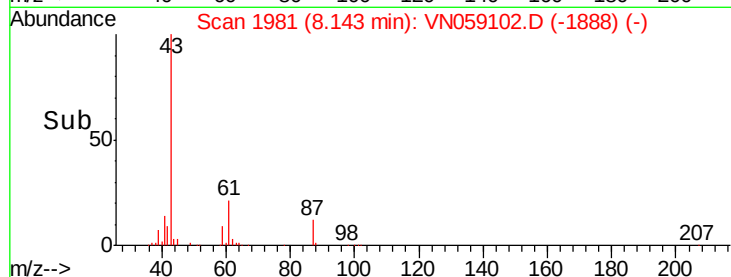
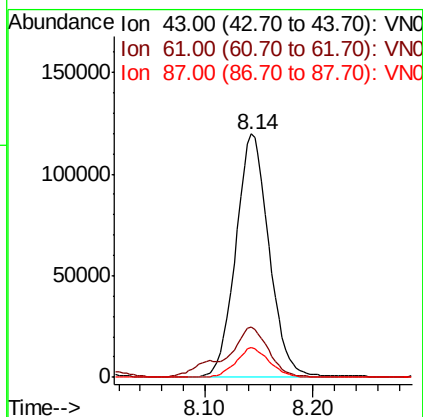
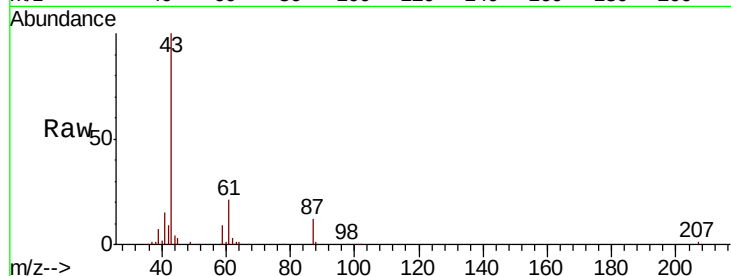




#43
Isopropyl Acetate
Concen: 19.645 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

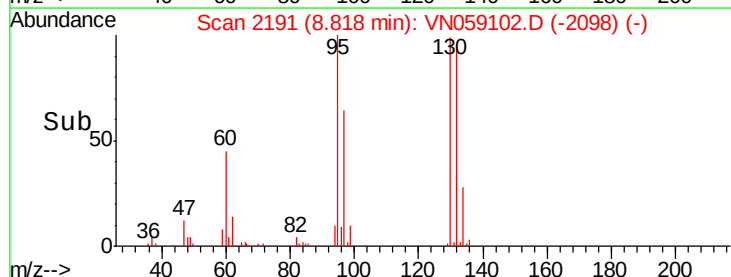
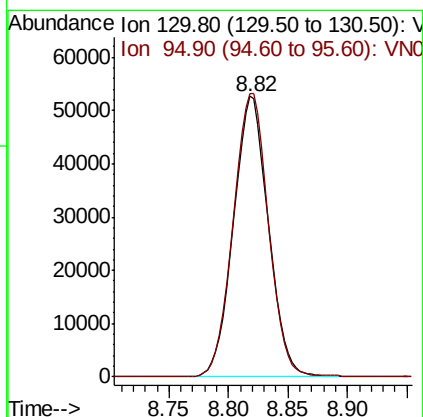
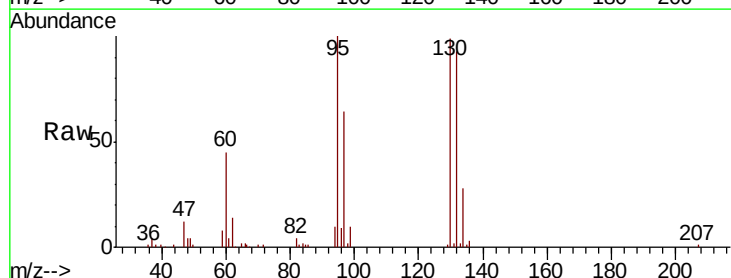
Instrument :
MSVOA_N
ClientSampleId :

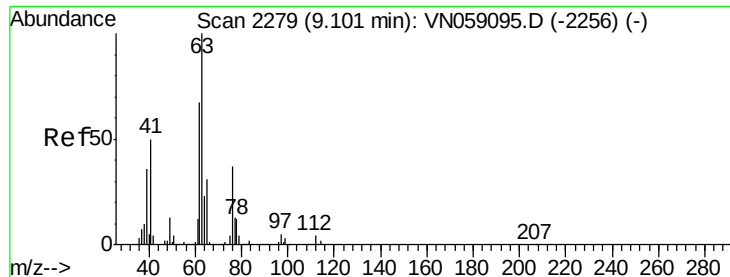
Tot Ion: 43 Resp: 256127
Ion Ratio Lower Upper
43 100
61 21.3 21.0 31.6
87 12.2 9.8 14.6



#44
Trichloroethene
Concen: 19.656 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion:130 Resp: 106959
Ion Ratio Lower Upper
130 100
95 100.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.301 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

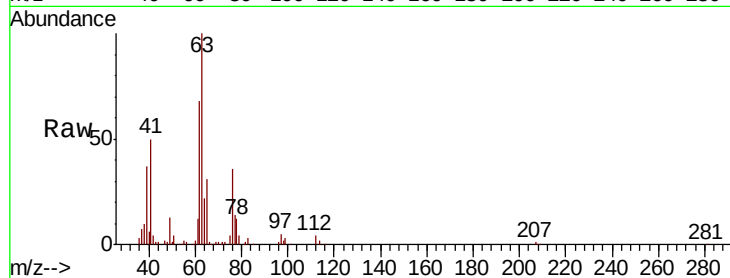
ClientSampleId :

Tot Ion: 63 Resp: 122065

Ion Ratio Lower Upper

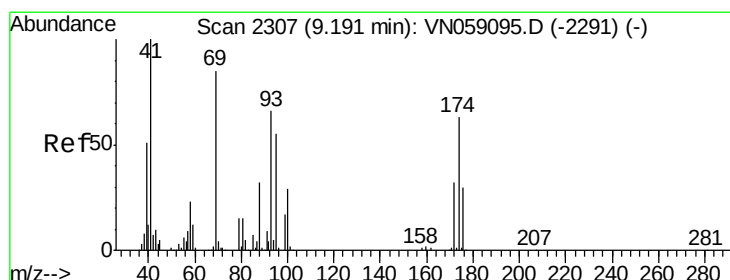
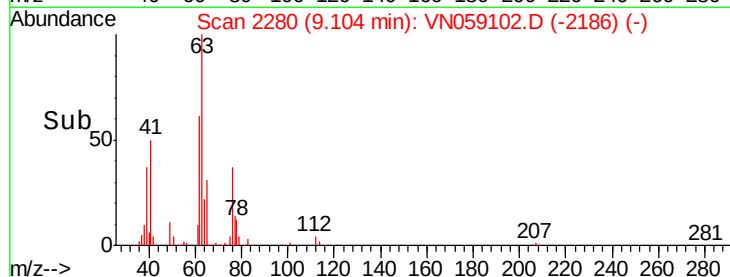
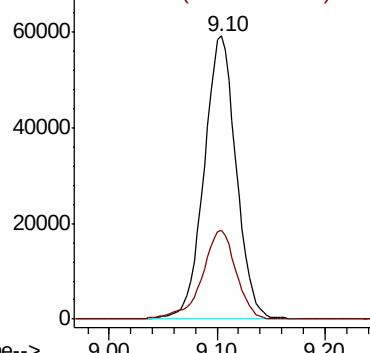
63 100

65 31.3 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.820 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

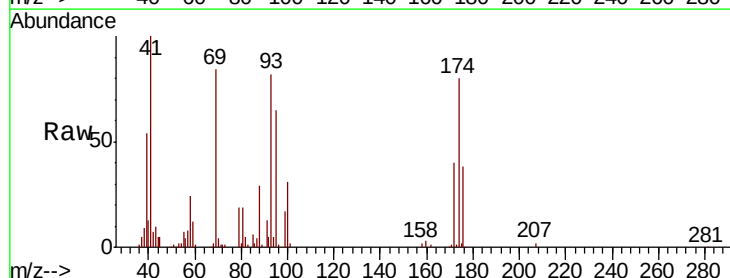
Tgt Ion: 93 Resp: 74262

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

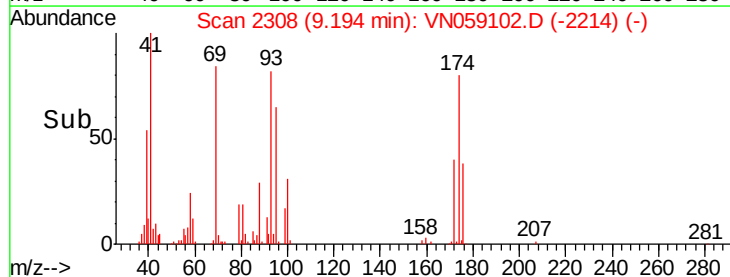
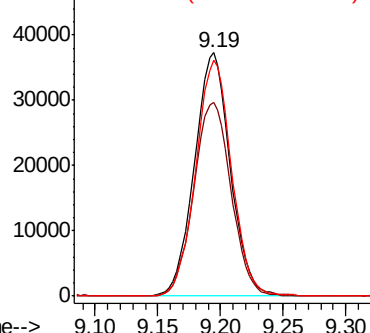
174 96.6 78.2 117.2

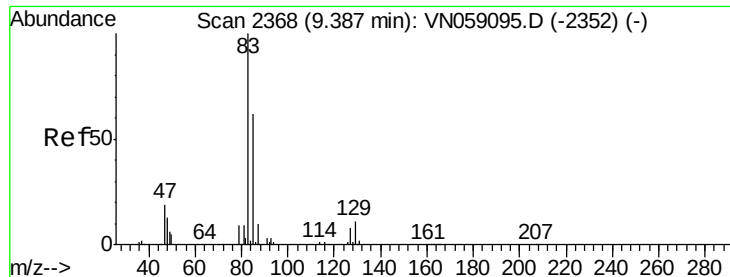


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.008 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

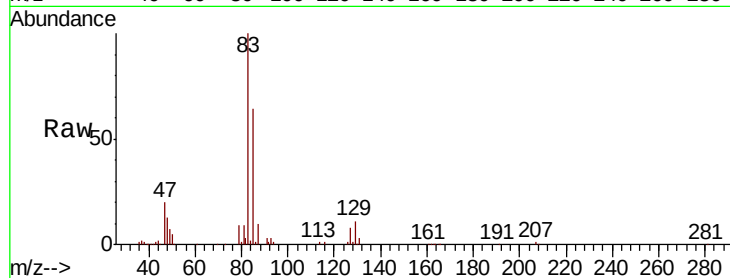
Tot Ion: 83 Resp: 149701

Ion Ratio Lower Upper

83 100

85 63.7 49.7 74.5

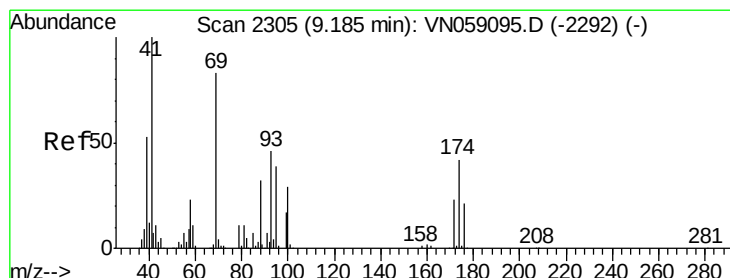
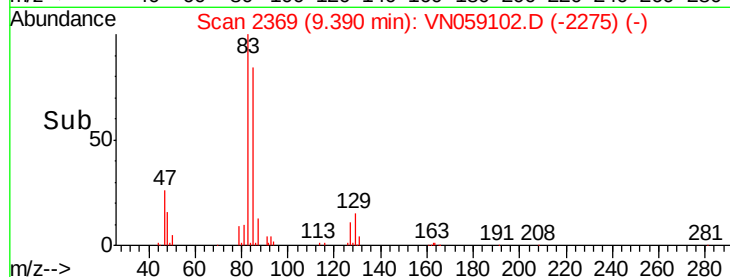
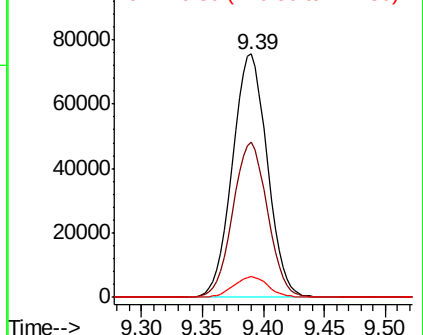
127 8.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 19.390 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

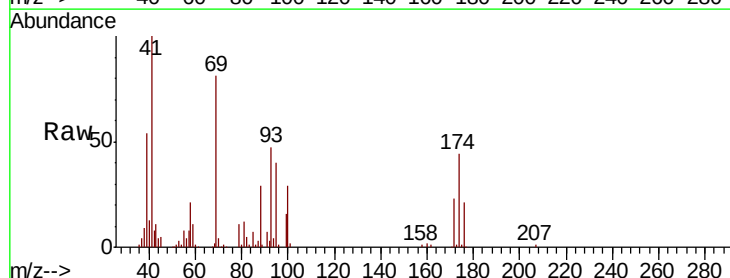
Tgt Ion: 41 Resp: 113077

Ion Ratio Lower Upper

41 100

69 84.8 67.3 100.9

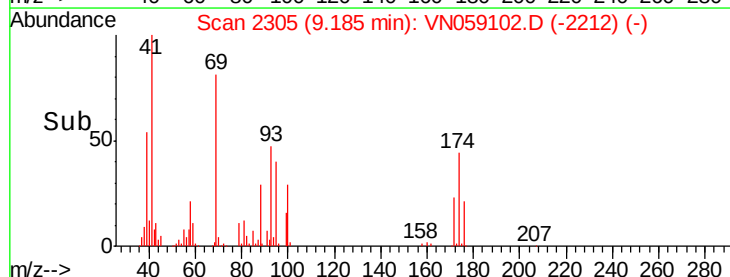
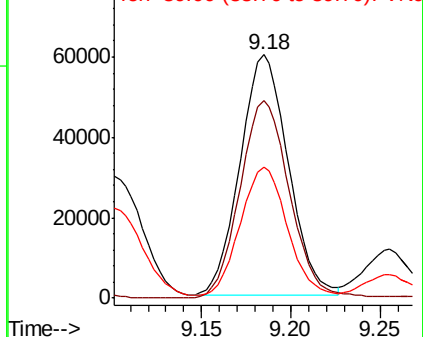
39 53.4 43.3 64.9

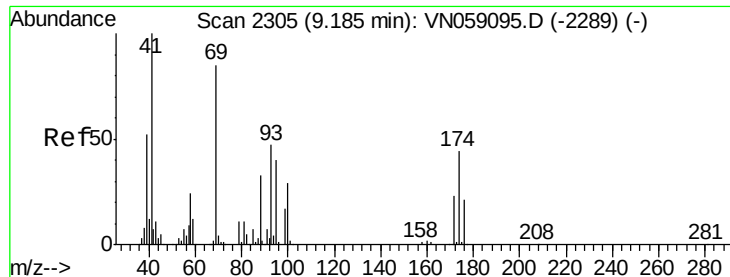


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 350.321 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :

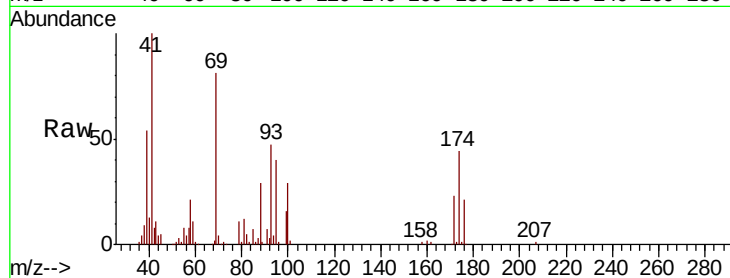
Tot Ion: 88 Resp: 36307

Ion Ratio Lower Upper

88 100

43 36.8 26.3 39.5

58 76.7 60.6 90.8

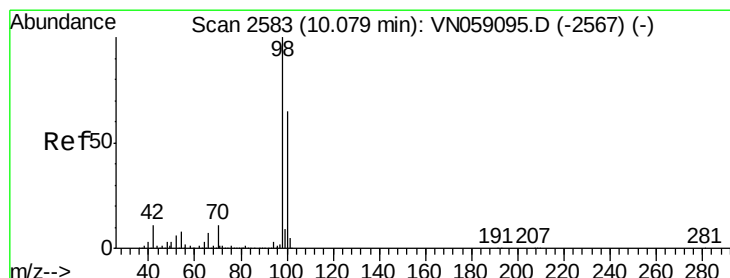
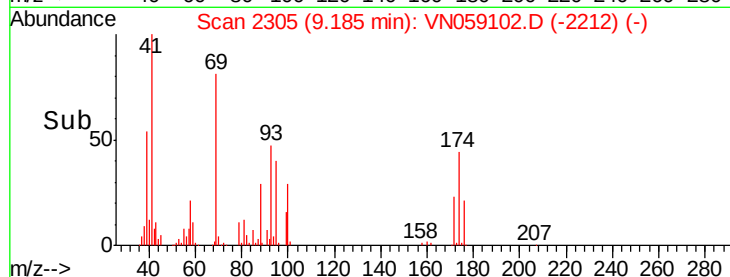
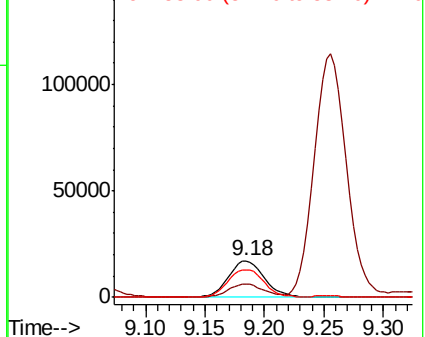


Abundance

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: 49.839 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059102.D

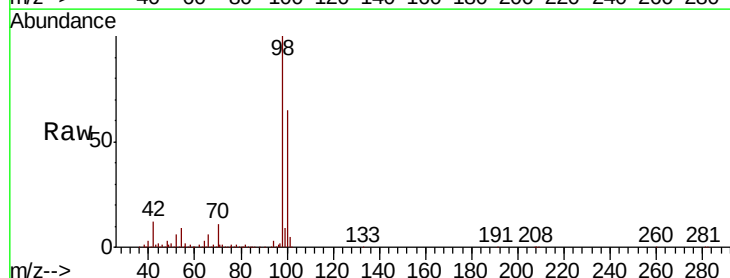
Acq: 6 Nov 2019 13:12

Tgt Ion: 98 Resp: 921871

Ion Ratio Lower Upper

98 100

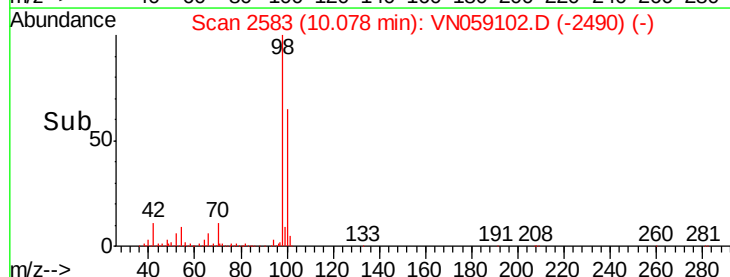
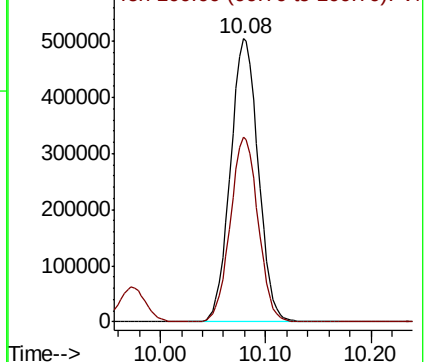
100 65.0 52.2 78.2

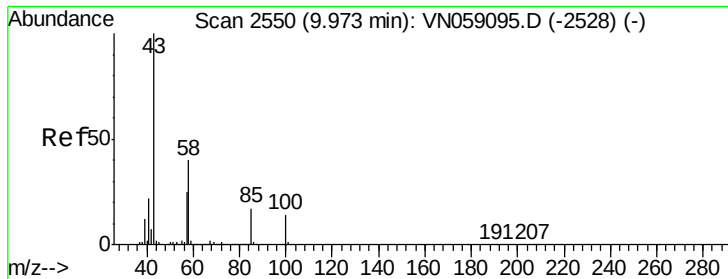


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 110.024 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

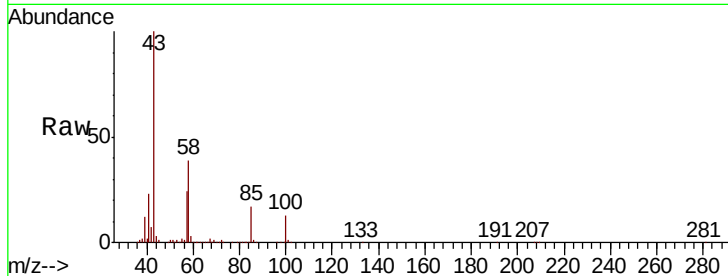
ClientSampleId :

Tot Ion: 43 Resp: 811663

Ion Ratio Lower Upper

43 100

58 38.9 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)

9.97

500000

400000

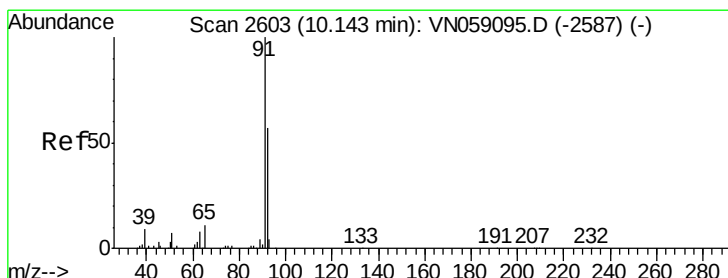
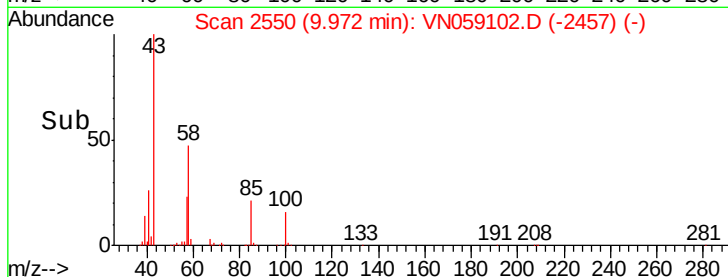
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.097 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059102.D

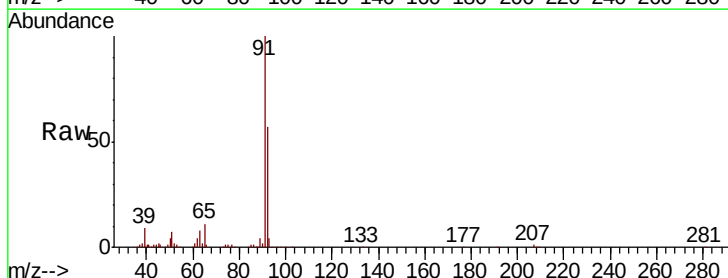
Acq: 6 Nov 2019 13:12

Tgt Ion: 92 Resp: 266658

Ion Ratio Lower Upper

92 100

91 172.3 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)

300000

250000

200000

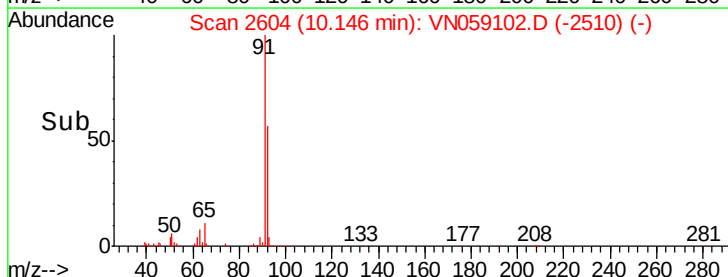
150000

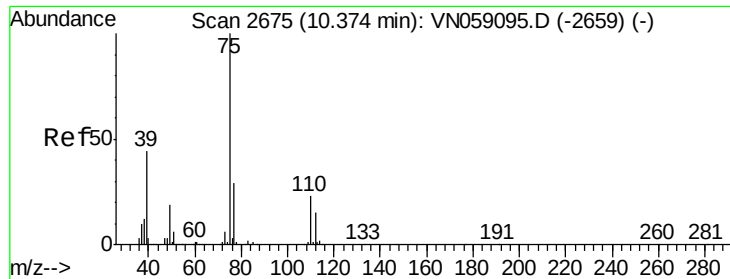
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.477 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

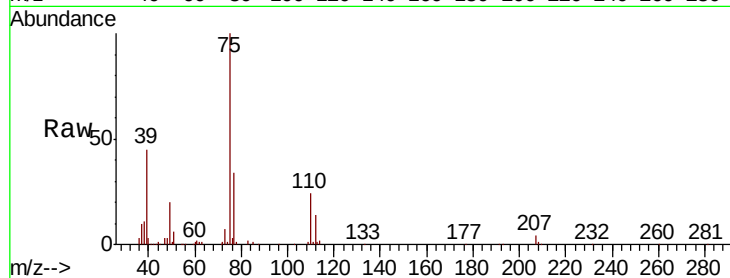
ClientSampled :

Tot Ion: 75 Resp: 168364

Ion Ratio Lower Upper

75 100

77 33.1 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

80000

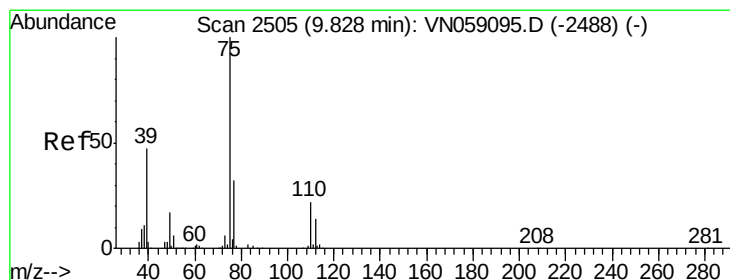
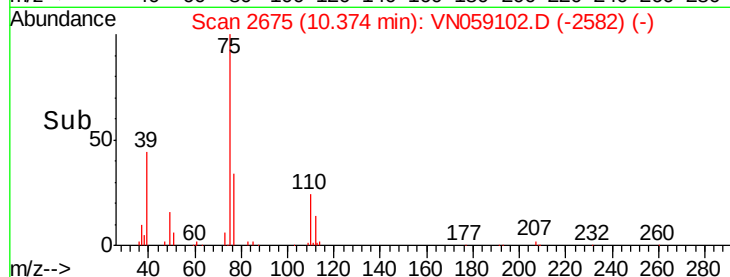
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.937 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

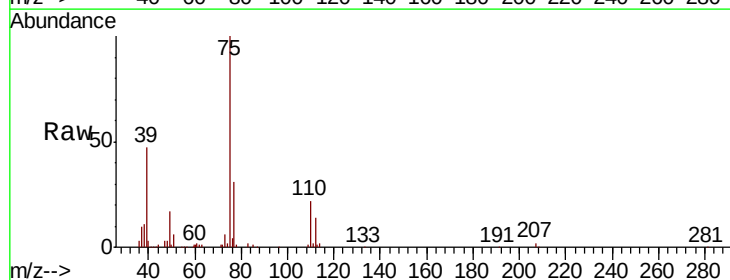
Tgt Ion: 75 Resp: 185381

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 46.5 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

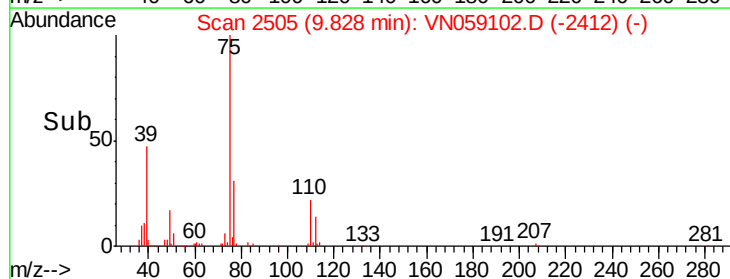
9.83

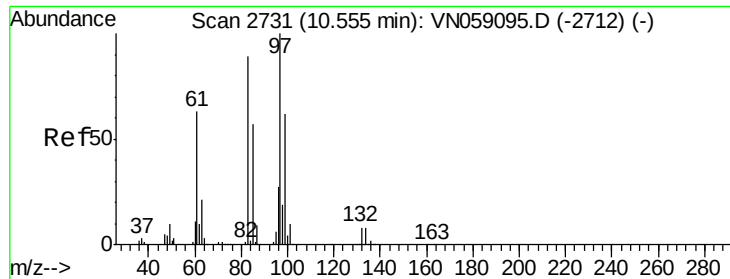
100000

50000

0

Time-->

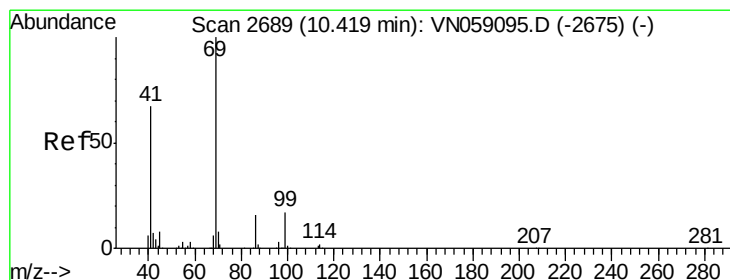
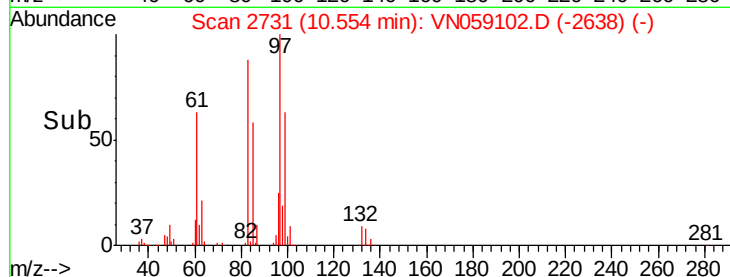
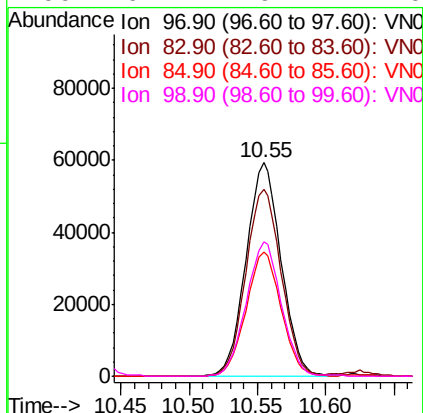
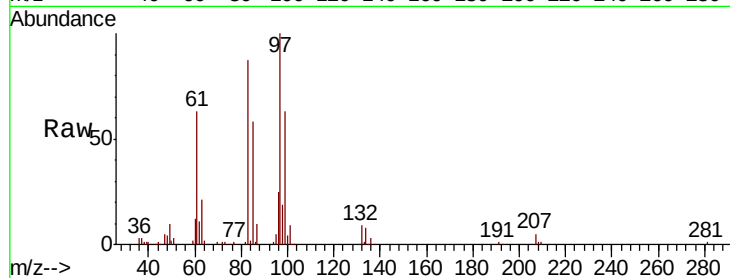




#55
 1,1,2-Trichloroethane
 Concen: 19.766 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

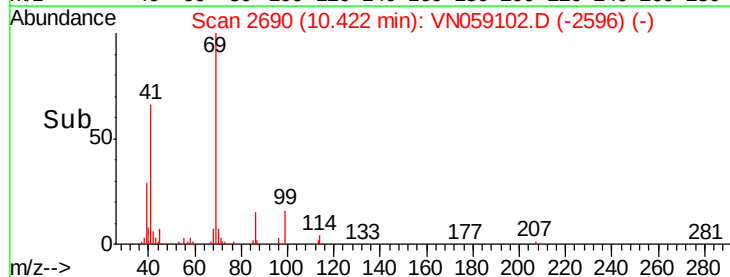
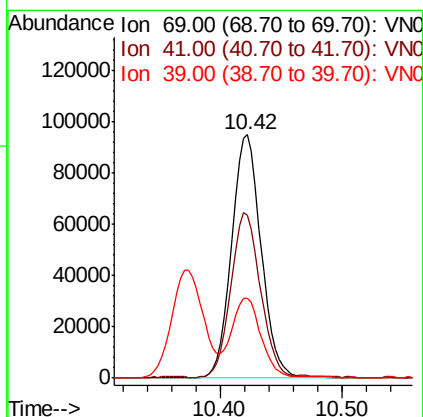
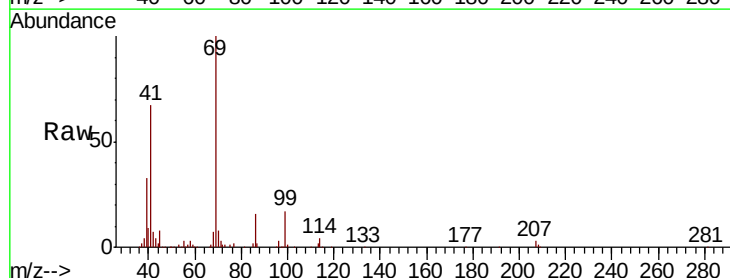
Instrument :
 MSVOA_N
 ClientSampleId :

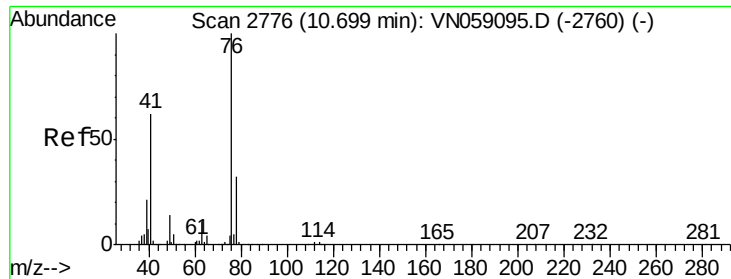
Tot Ion:	97	Resp:	106142
Ion	Ratio	Lower	Upper
97	100		
83	87.3	71.0	106.4
85	58.1	45.8	68.8
99	62.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.147 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion:	69	Resp:	160727
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.6	80.4
39	32.1	26.2	39.4





#57

1,3-Dichloropropane

Concen: 20.078 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

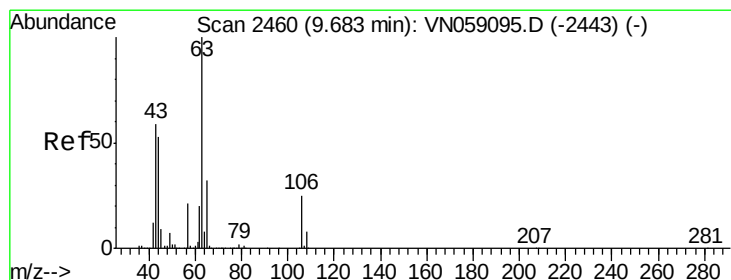
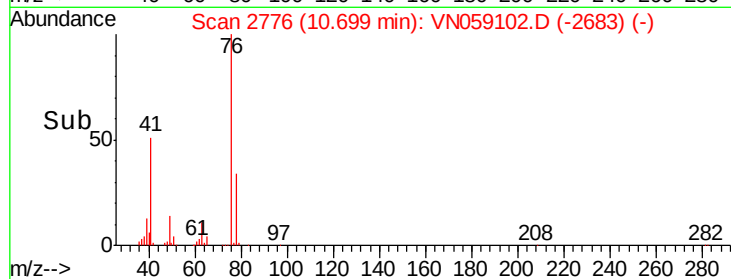
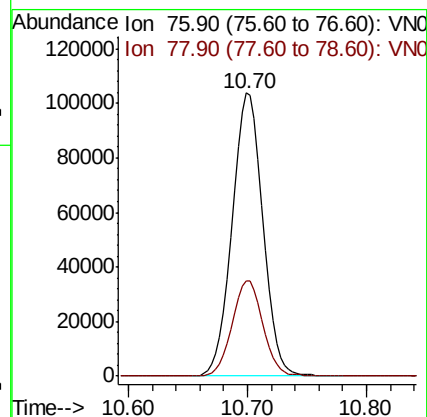
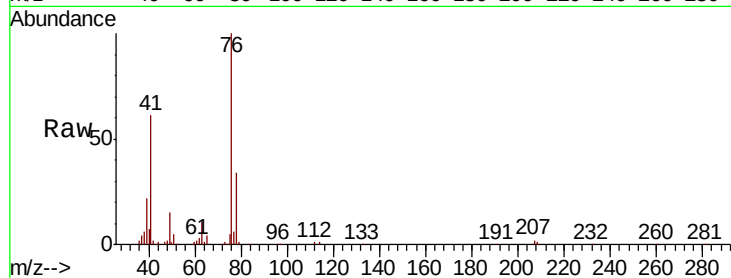
ClientSampled :

Tot Ion: 76 Resp: 185557

Ion Ratio Lower Upper

76 100

78 33.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.417 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059102.D

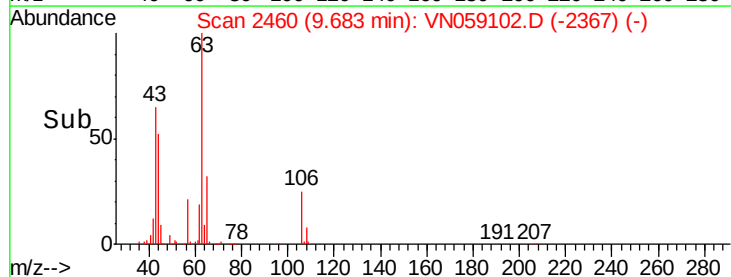
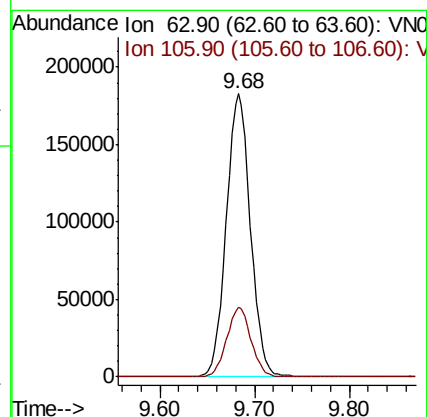
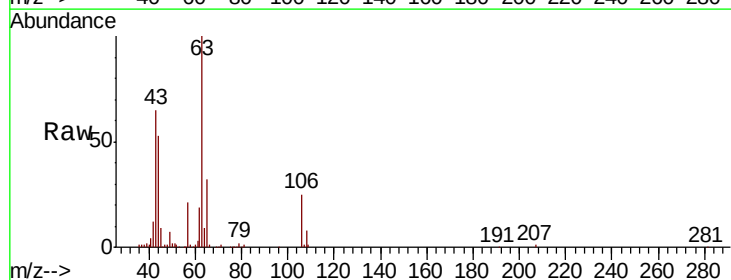
Acq: 6 Nov 2019 13:12

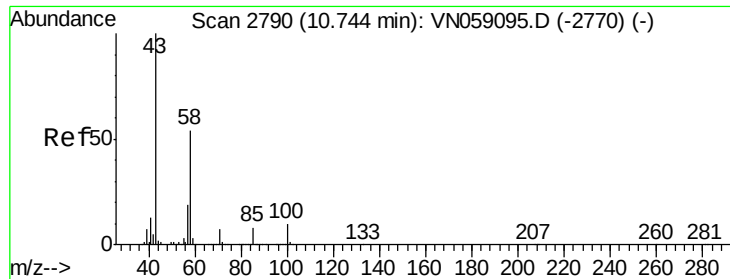
Tgt Ion: 63 Resp: 323997

Ion Ratio Lower Upper

63 100

106 24.7 20.2 30.2

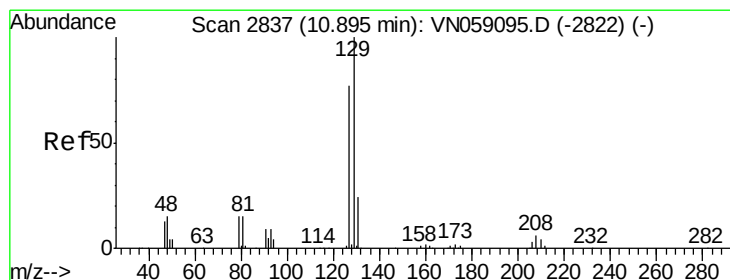
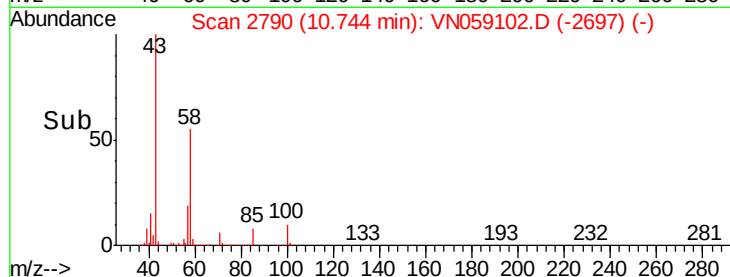
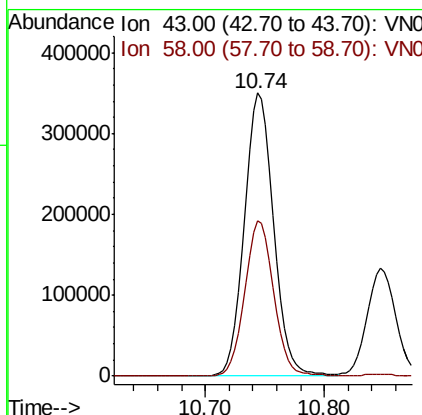
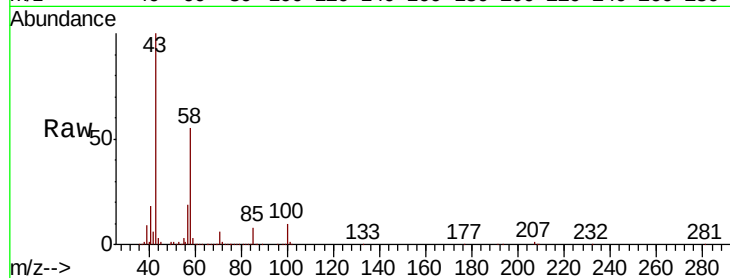




#59
2-Hexanone
Concen: 105.095 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

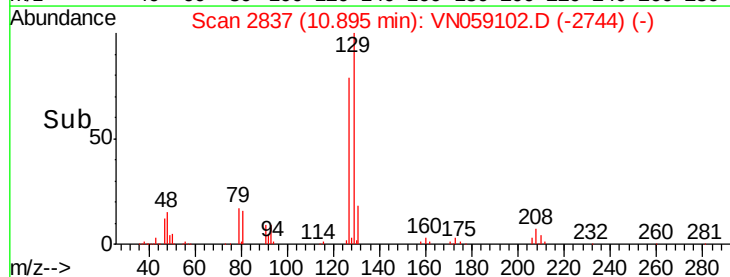
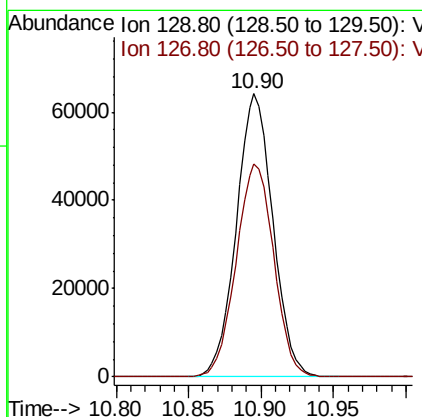
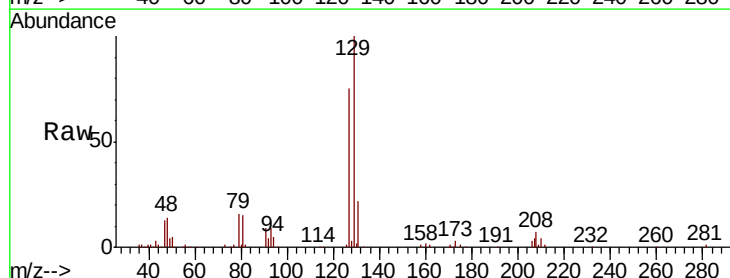
Instrument :
MSVOA_N
ClientSampled :

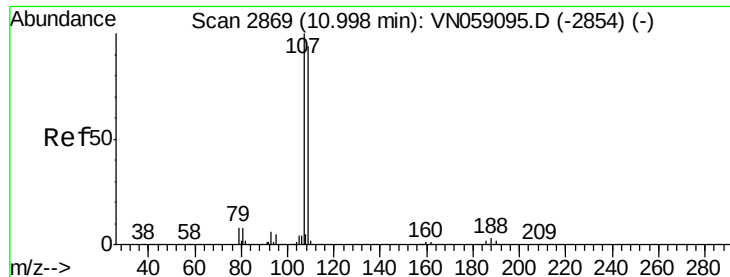
Tot Ion: 43 Resp: 595080
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 19.766 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 129 Resp: 112220
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8

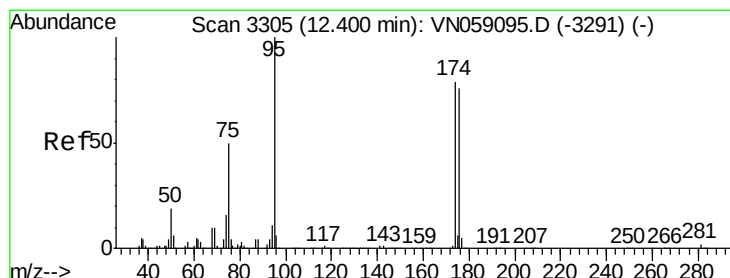
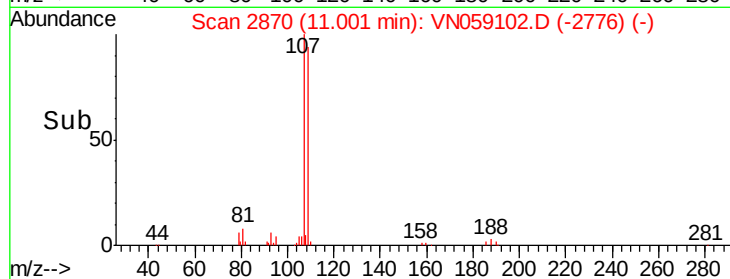
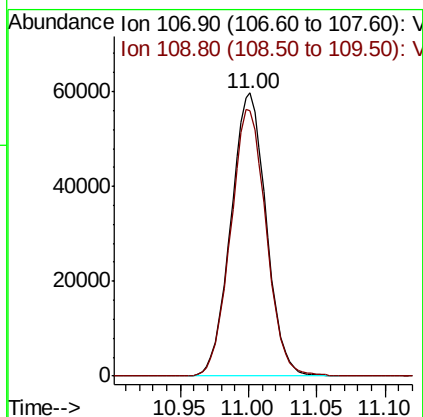
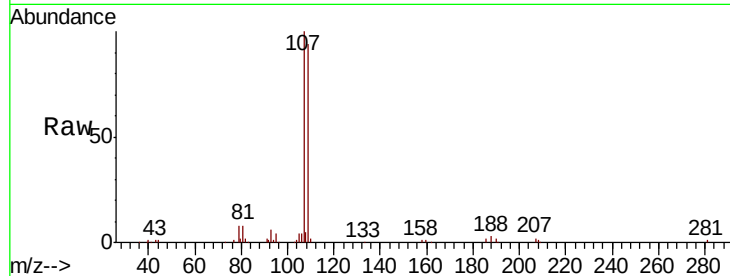




#61
 1,2-Dibromoethane
 Concen: 19.713 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

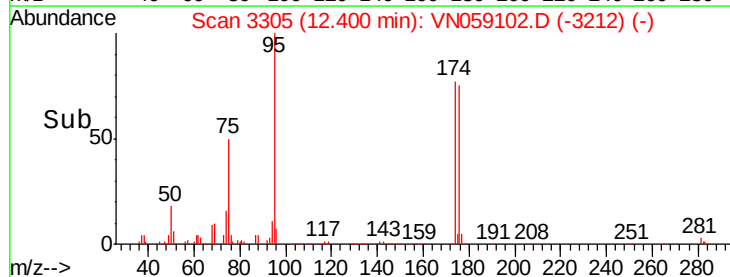
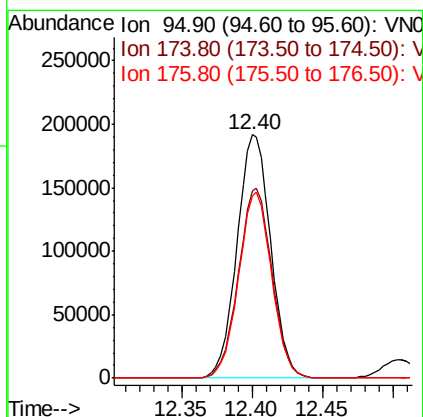
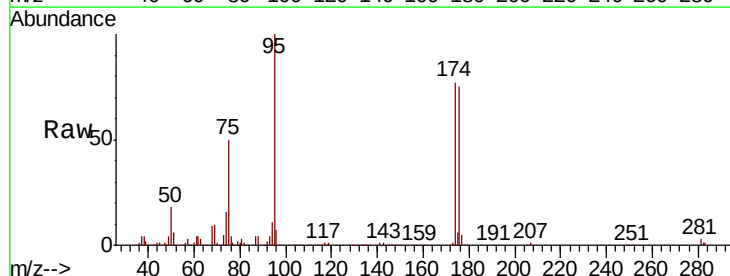
Instrument :
 MSVOA_N
 ClientSampleId :

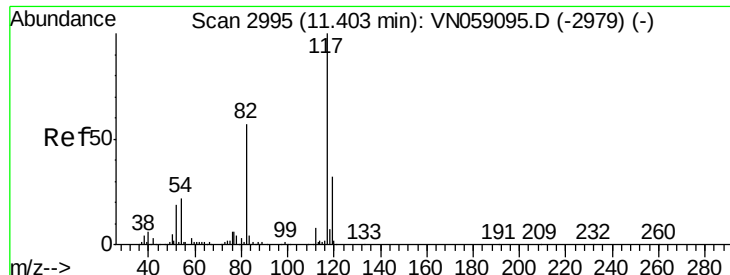
Tot Ion: 107 Resp: 107159
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 48.008 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion: 95 Resp: 320186
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 158.2
 176 75.2 0.0 151.8

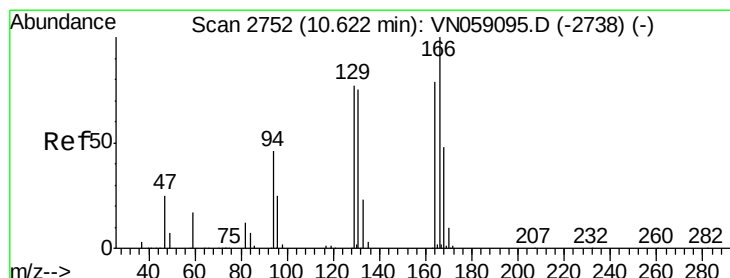
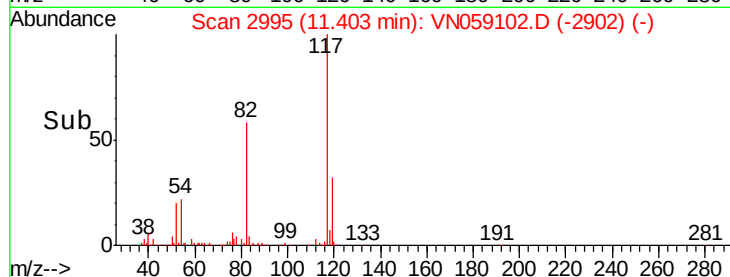
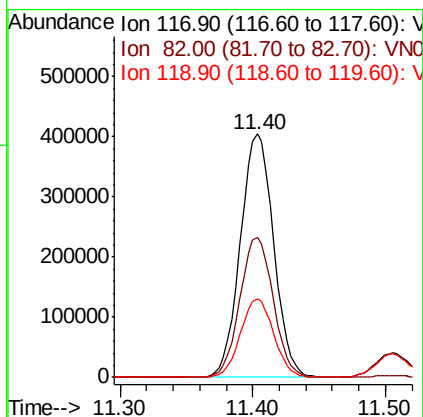
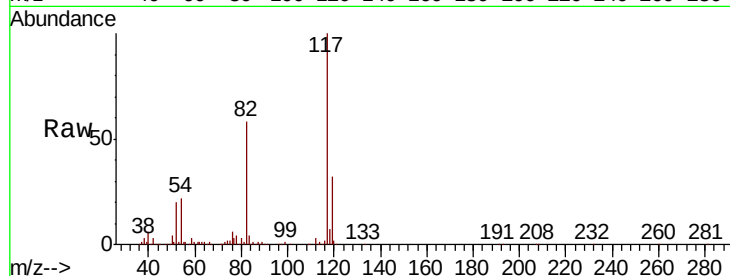




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

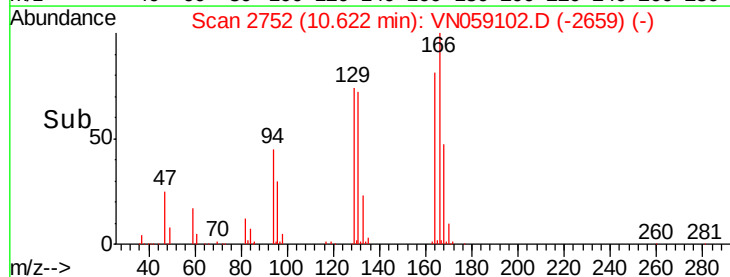
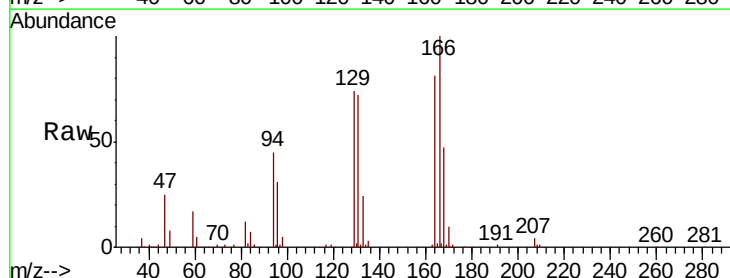
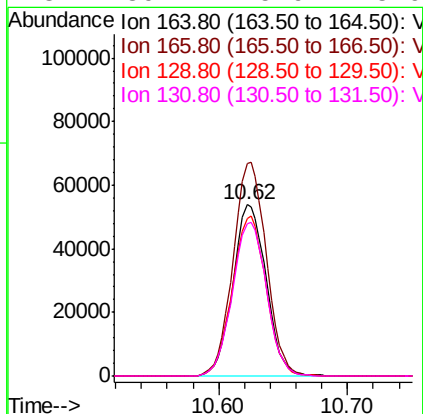
Instrument :
MSVOA_N
ClientSampleId :

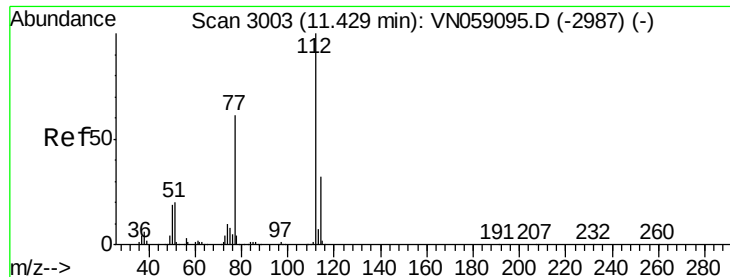
Tot Ion:117 Resp: 705754
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 20.108 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion:164 Resp: 96497
Ion Ratio Lower Upper
164 100
166 124.0 101.5 152.3
129 92.1 78.3 117.5
131 89.1 75.9 113.9

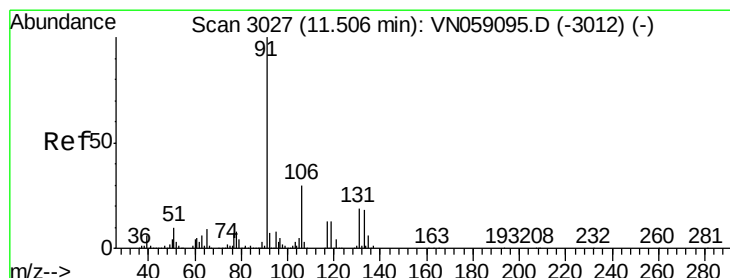
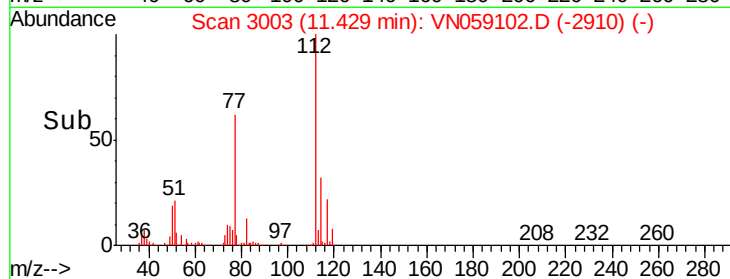
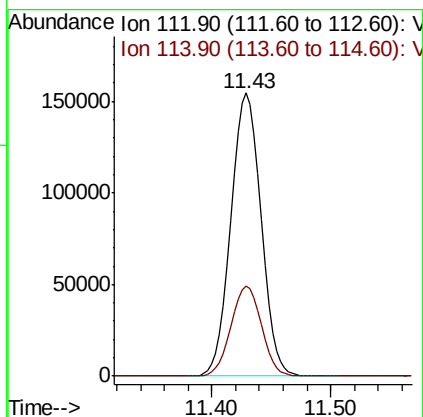
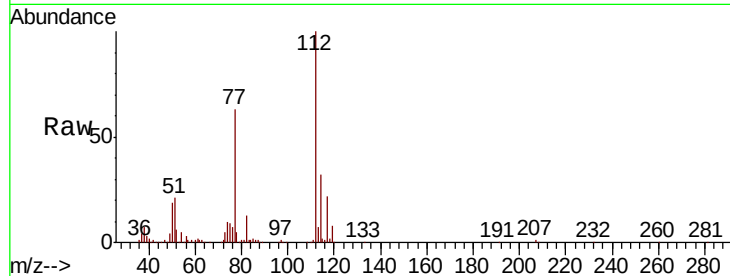




#65
Chlorobenzene
Concen: 19.801 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

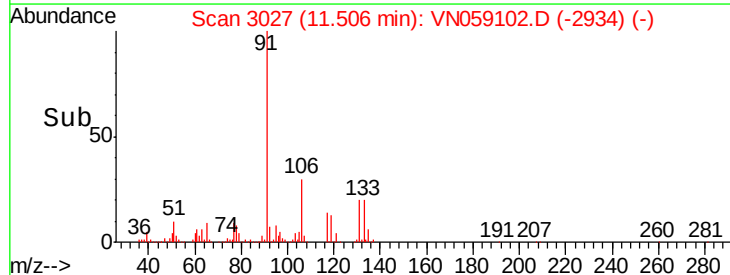
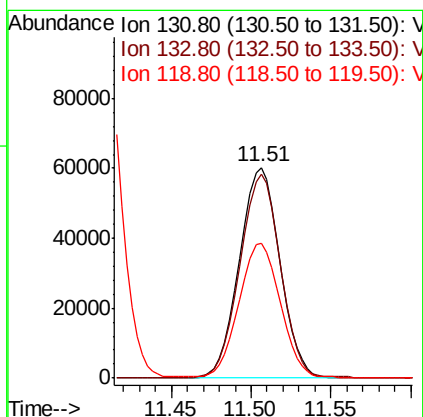
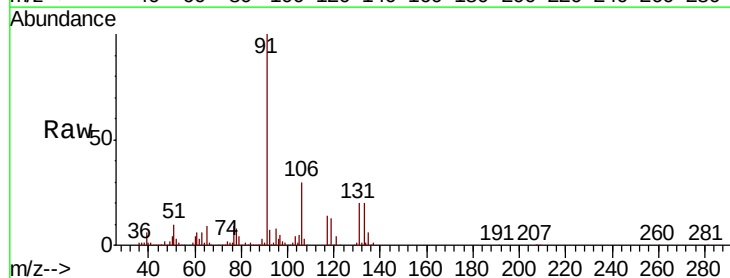
Instrument :
MSVOA_N
ClientSampleId :

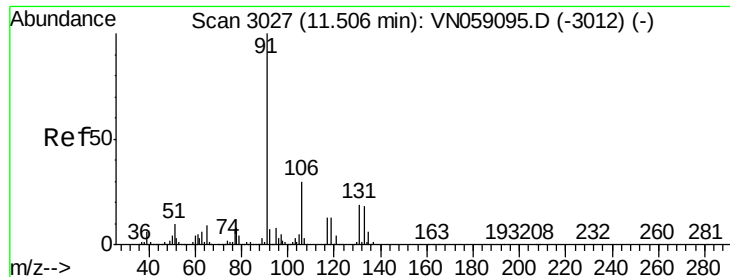
Tot Ion:112 Resp: 272423
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.177 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion:131 Resp: 104132
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 65.8 33.2 99.6

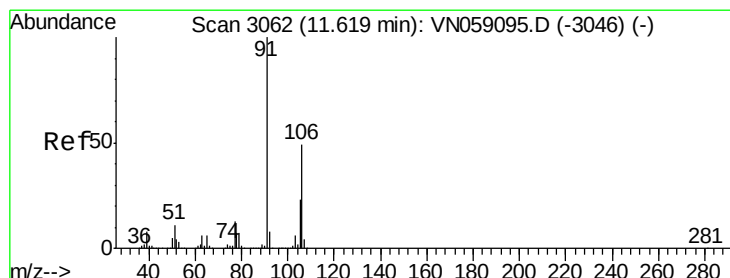
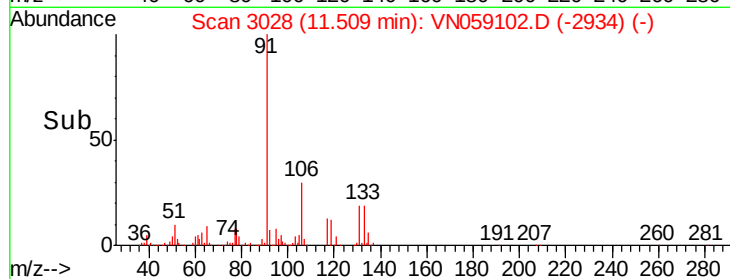
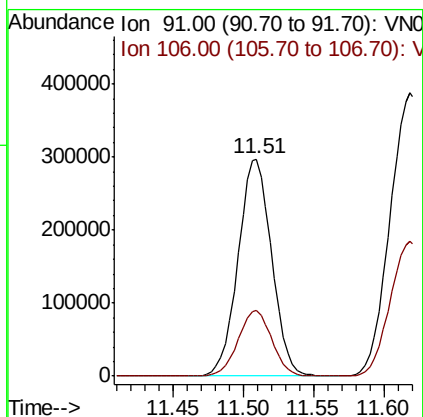
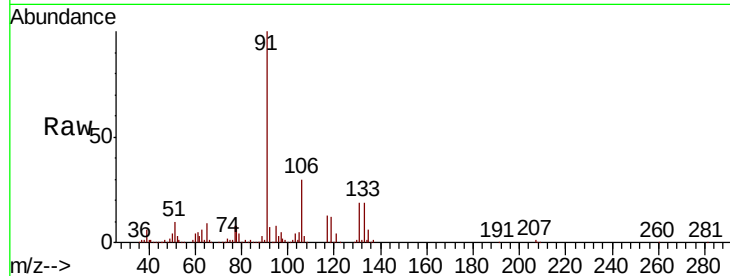




#67
Ethyl Benzene
Concen: 20.306 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

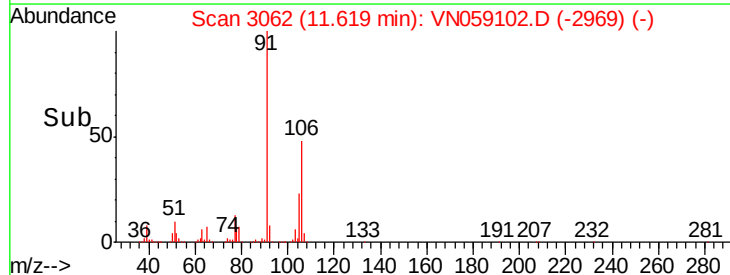
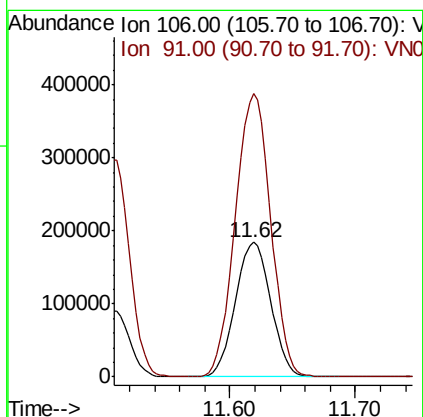
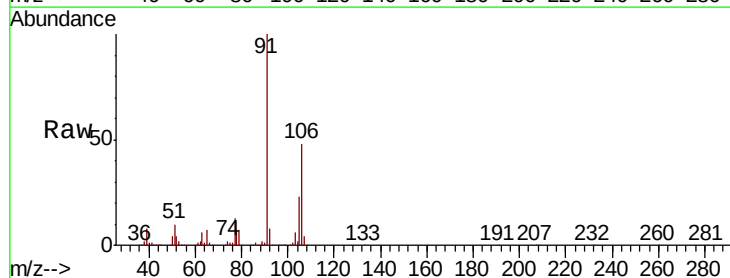
Instrument :
MSVOA_N
ClientSampled :

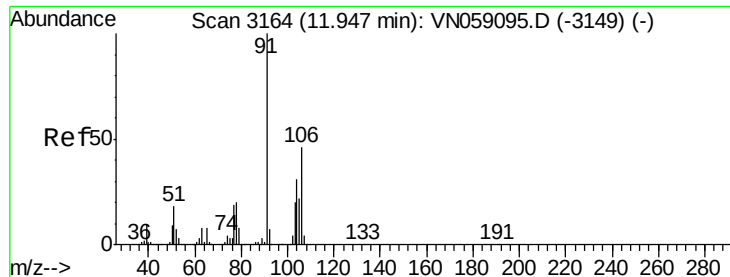
Tot Ion: 91 Resp: 495667
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1



#68
m/p-Xylenes
Concen: 39.439 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 106 Resp: 360612
Ion Ratio Lower Upper
106 100
91 210.9 164.7 247.1

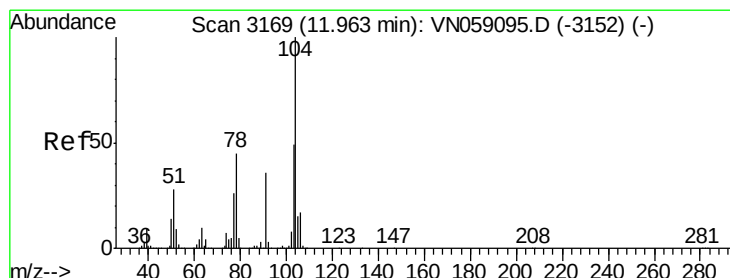
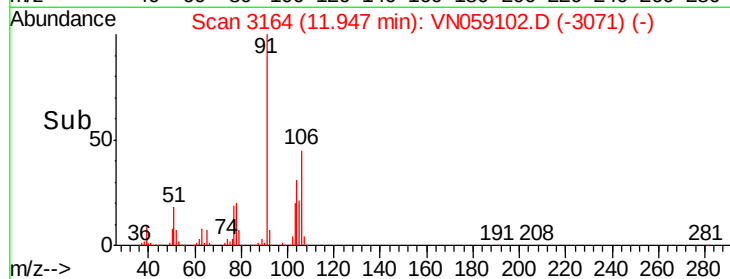
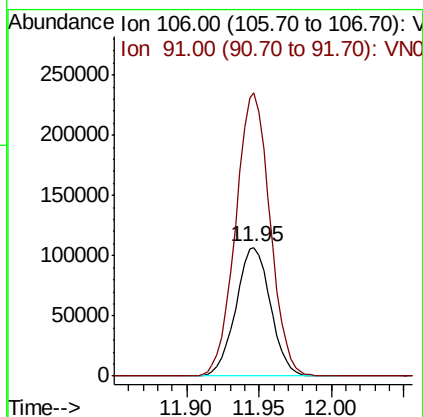
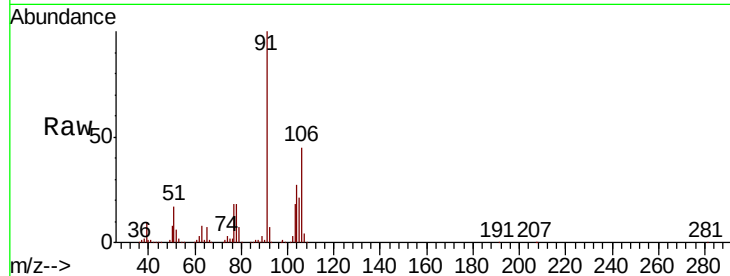




#69
o-Xylene
Concen: 19.993 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

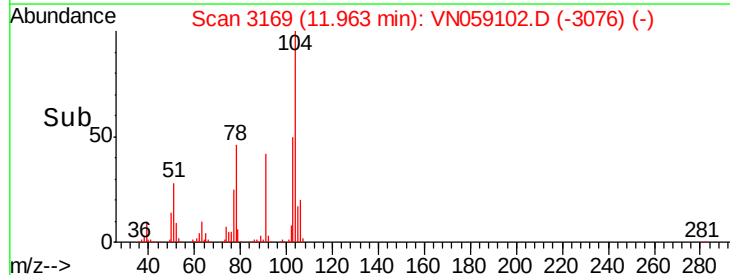
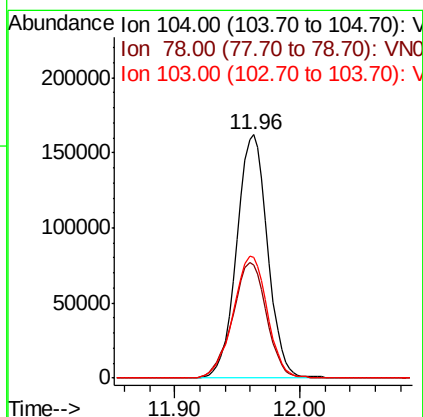
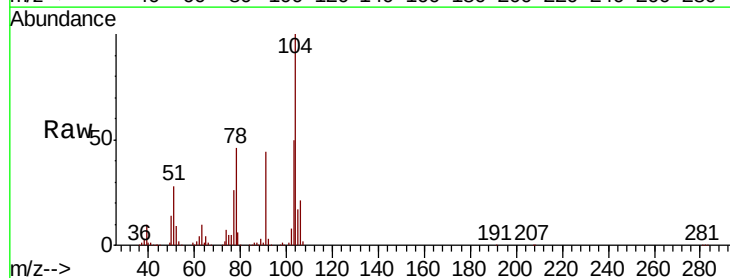
Instrument :
MSVOA_N
ClientSampled :

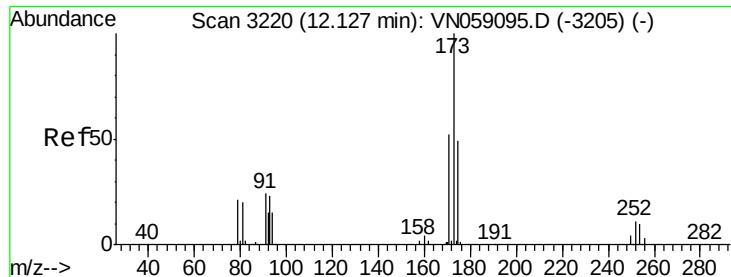
Tot Ion:106 Resp: 176668
Ion Ratio Lower Upper
106 100
91 219.5 110.1 330.3



#70
Styrene
Concen: 19.985 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion:104 Resp: 277739
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 19.642 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

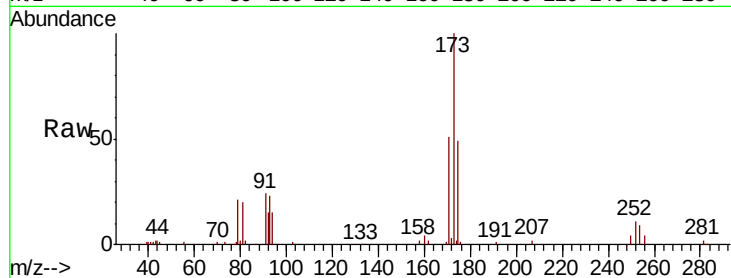
Tot Ion:173 Resp: 78849

Ion Ratio Lower Upper

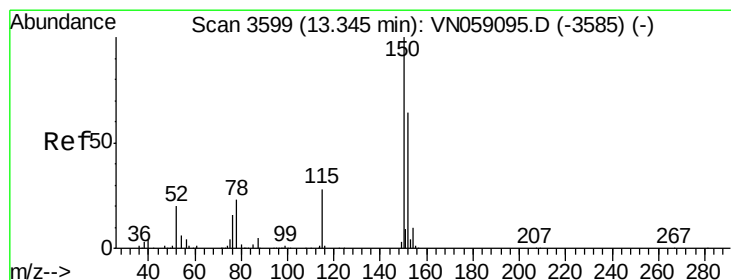
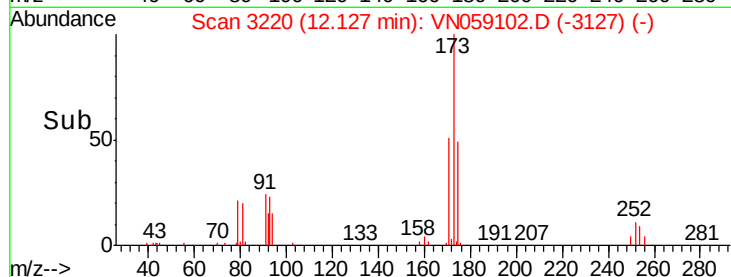
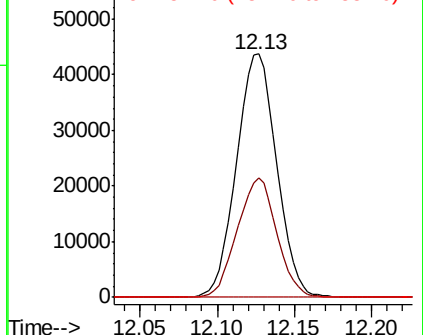
173 100

175 48.2 24.2 72.6

254 0.0 0.1 0.1#



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: VN059102.D

Acq: 6 Nov 2019 13:12

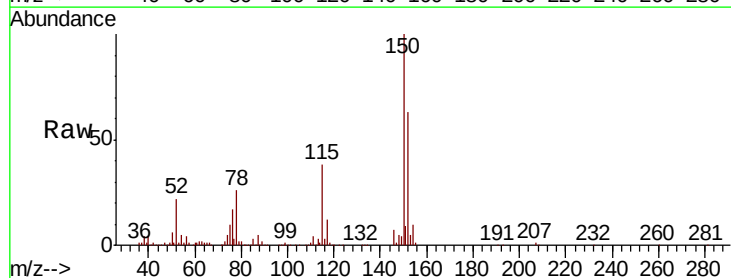
Tgt Ion:152 Resp: 312922

Ion Ratio Lower Upper

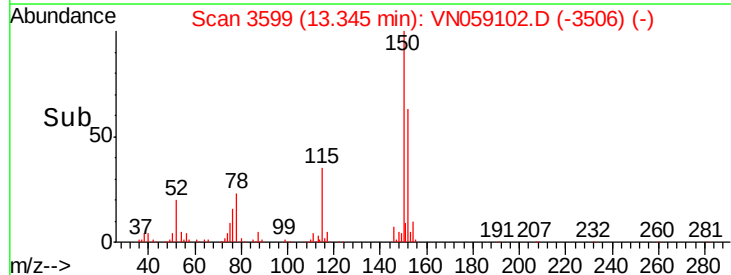
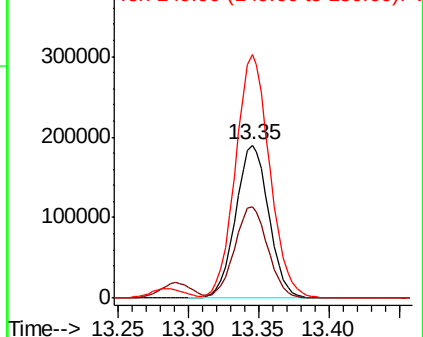
152 100

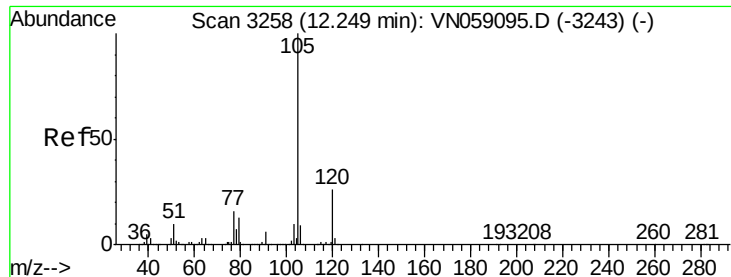
115 60.0 29.4 88.2

150 164.1 0.0 345.8



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: 20.886 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

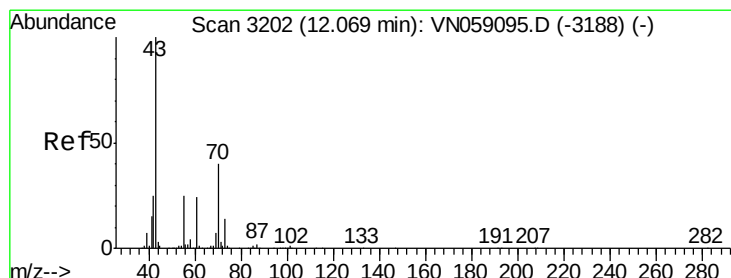
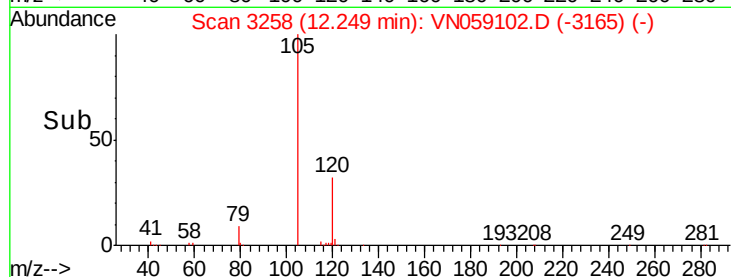
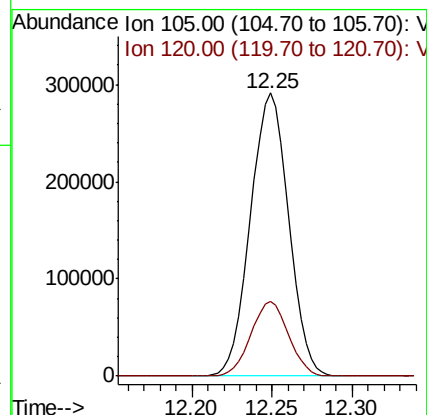
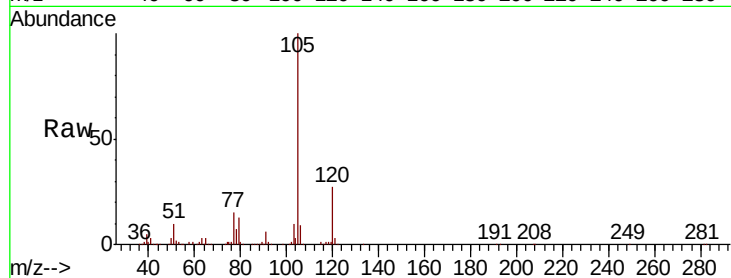
ClientSampleId :

Tot Ion:105 Resp: 475416

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



#74

N-ethyl acetate

Concen: 20.315 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion: 43 Resp: 195941

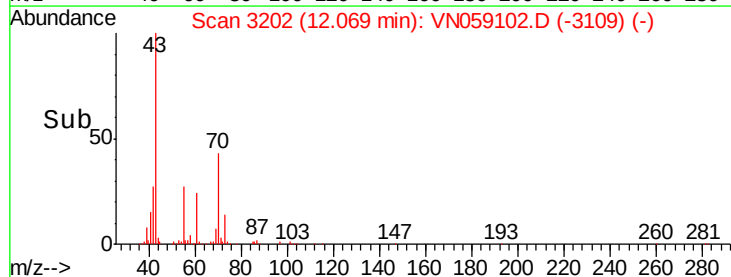
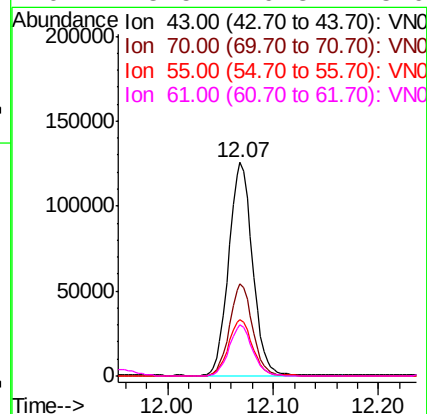
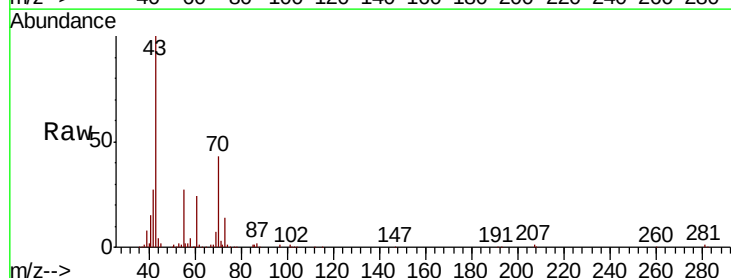
Ion Ratio Lower Upper

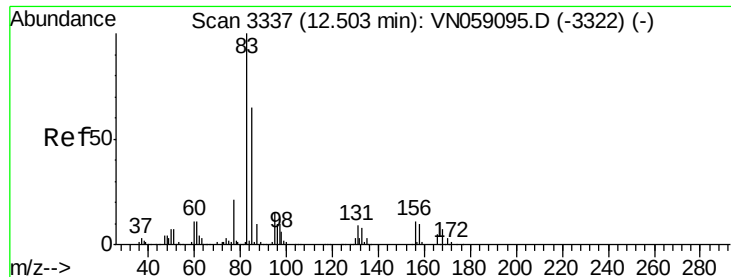
43 100

70 41.6 32.2 48.4

55 26.6 20.4 30.6

61 23.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.954 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

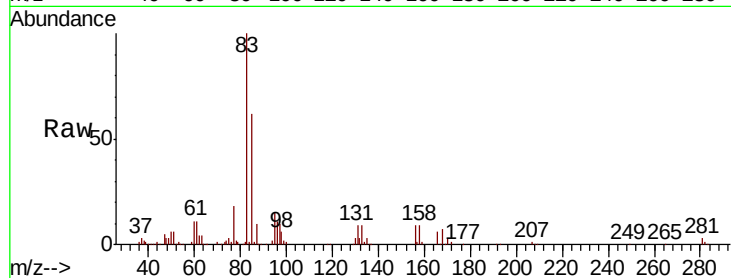
Tot Ion: 83 Resp: 162428

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.6
85	63.3	32.4	97.2

83 100

131 9.6 4.9 14.6

85 63.3 32.4 97.2



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

120000

100000

80000

60000

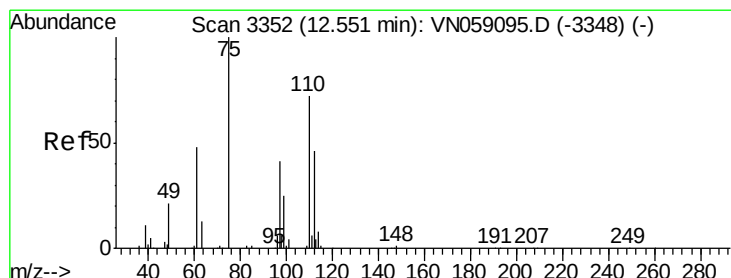
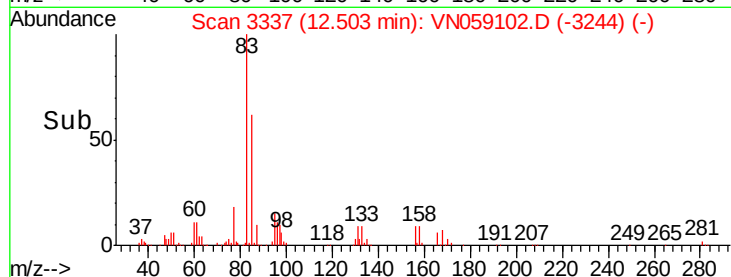
40000

20000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.276 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059102.D

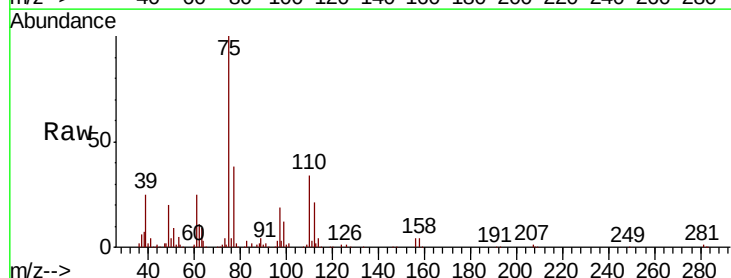
Acq: 6 Nov 2019 13:12

Tgt Ion: 75 Resp: 208569

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

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

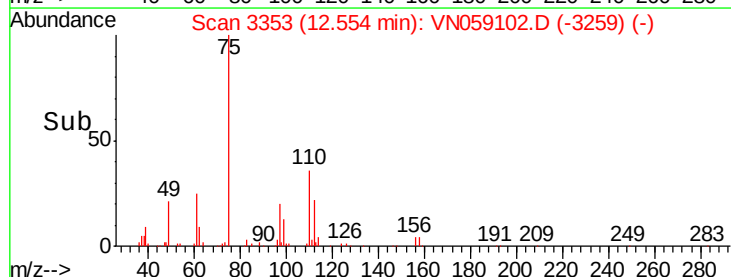
100000

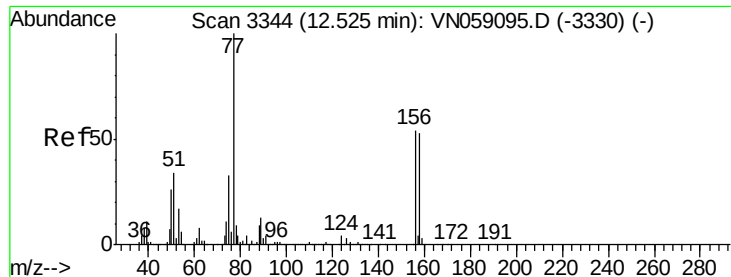
50000

0

12.50 12.55

Time-->





#77

Bromobenzene

Concen: 19.748 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

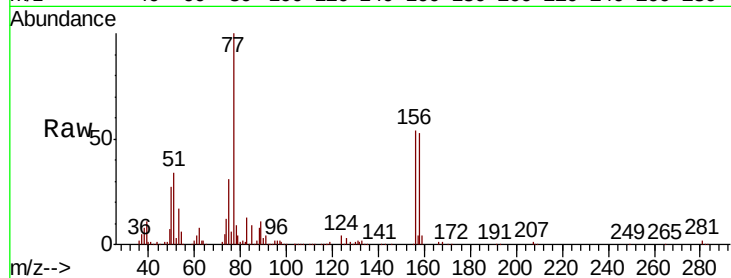
Tot Ion:156 Resp: 112937

Ion Ratio Lower Upper

156 100

77 228.6 112.8 338.3

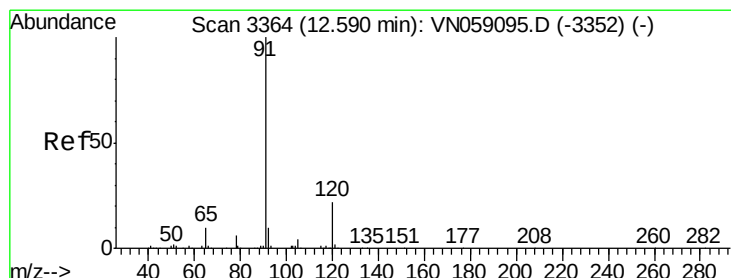
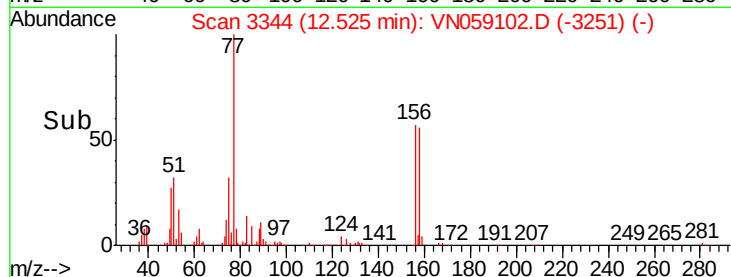
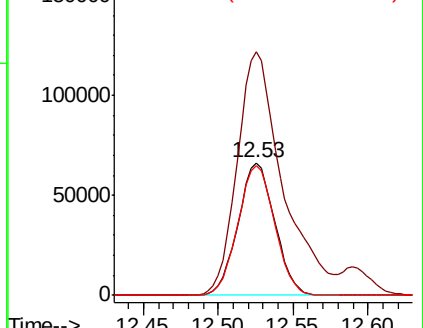
158 98.6 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.782 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059102.D

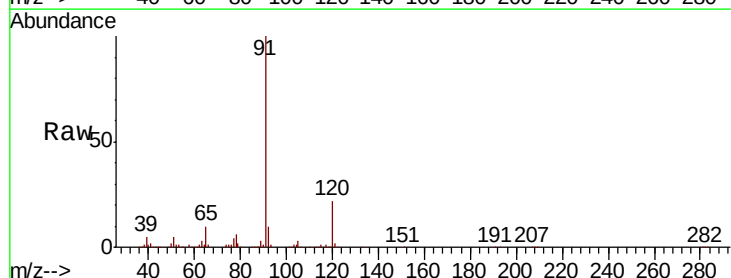
Acq: 6 Nov 2019 13:12

Tgt Ion: 91 Resp: 541629

Ion Ratio Lower Upper

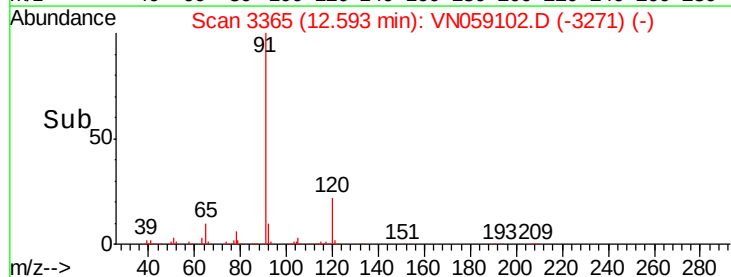
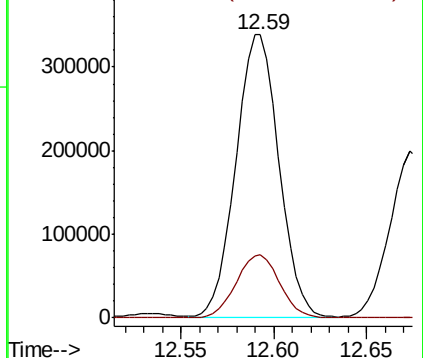
91 100

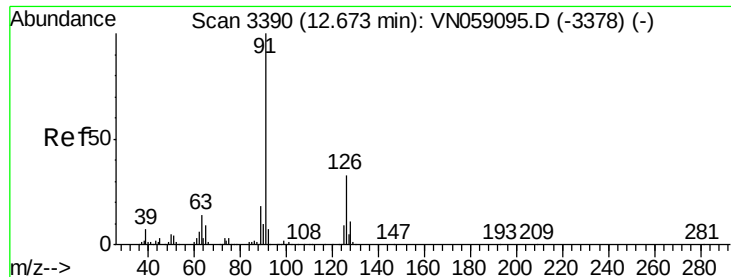
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

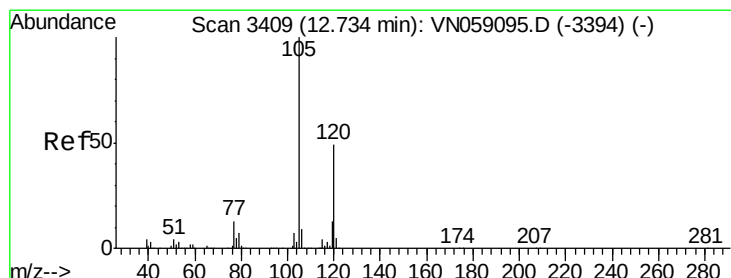
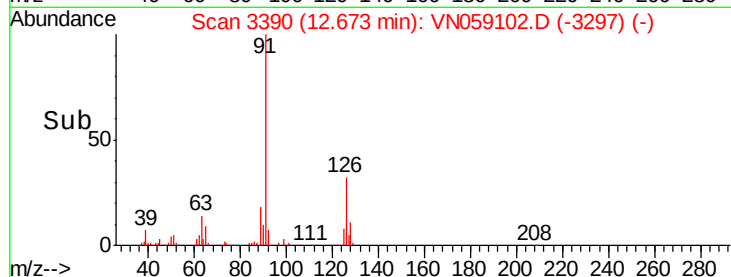
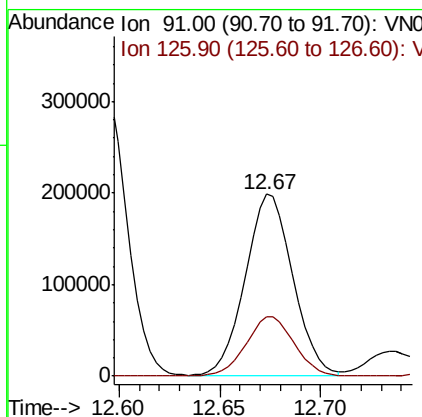
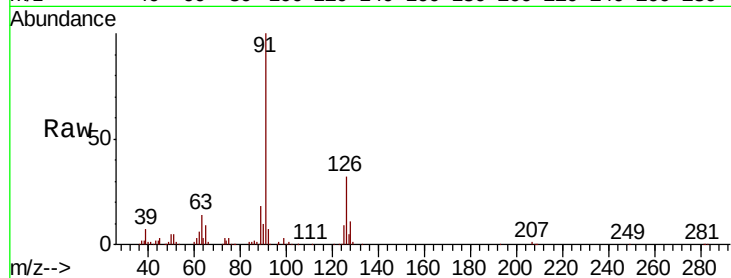




#79
 2-Chlorotoluene
 Concen: 20.157 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

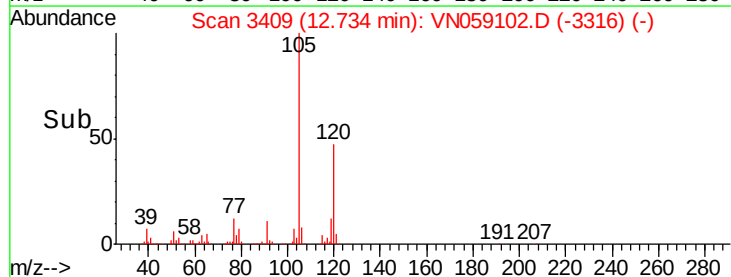
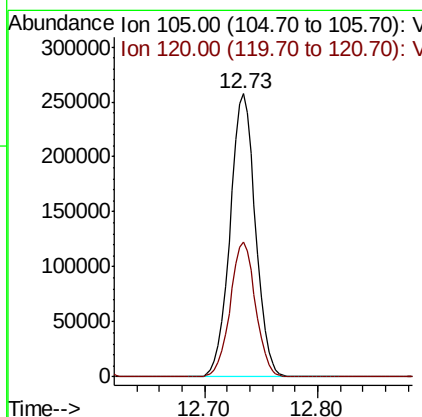
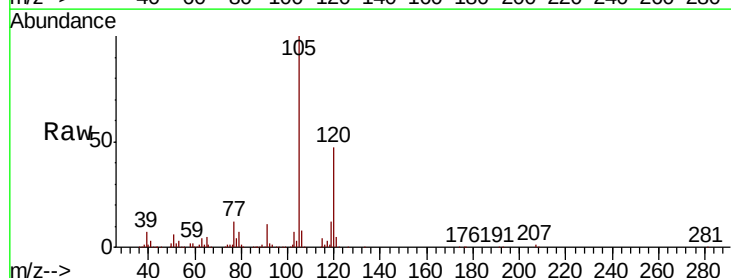
Instrument :
 MSVOA_N
 ClientSampleId :

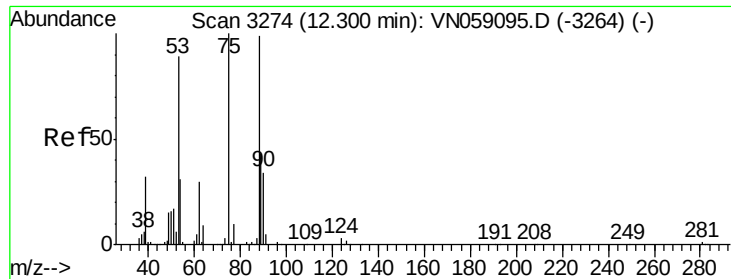
Tot Ion: 91 Resp: 325900
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.659 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion: 105 Resp: 398456
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.0 72.0

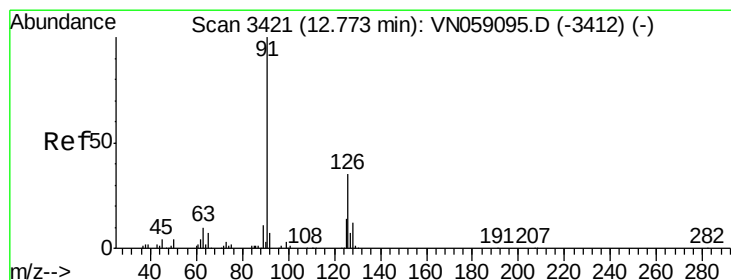
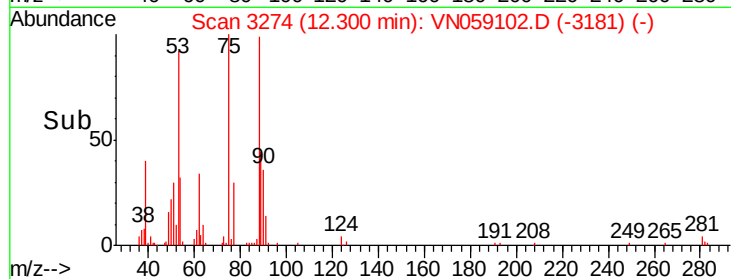
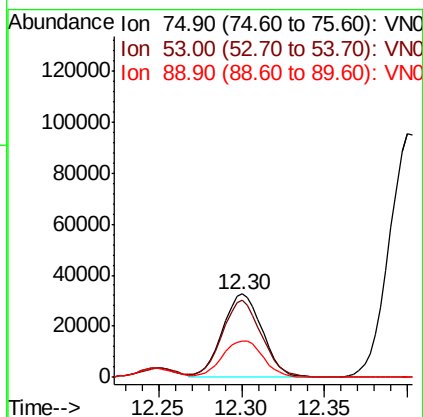
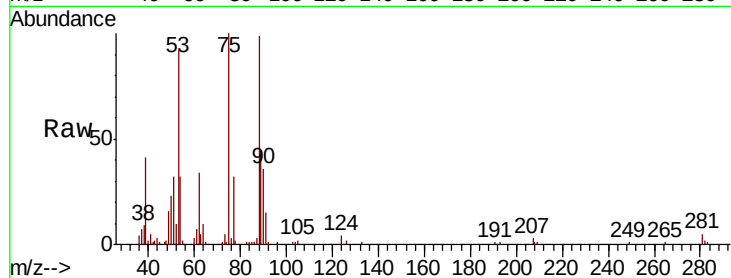




#81
trans-1,4-Dichloro-2-butene
Concen: 20.072 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

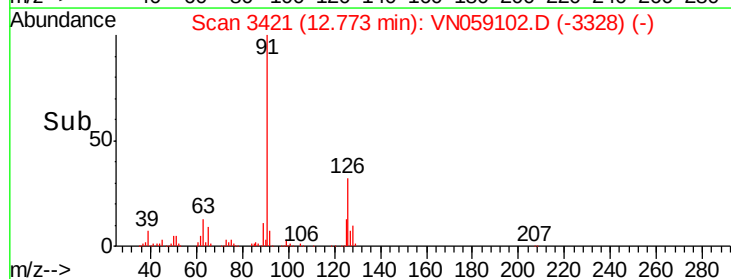
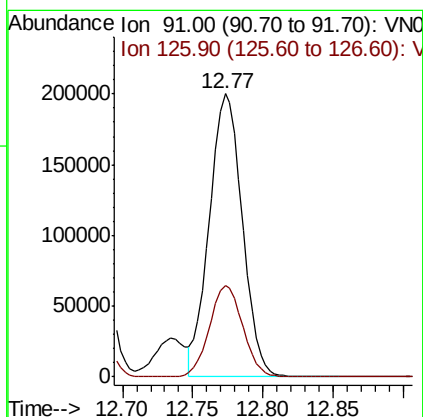
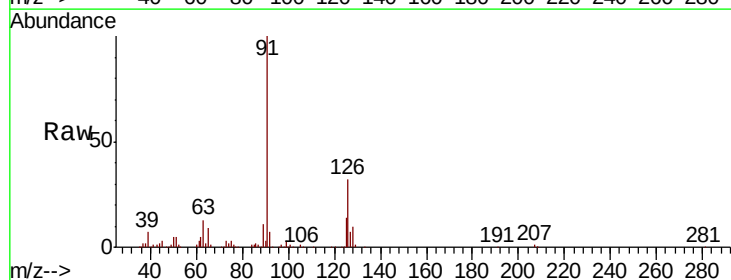
Instrument :
MSVOA_N
ClientSampled :

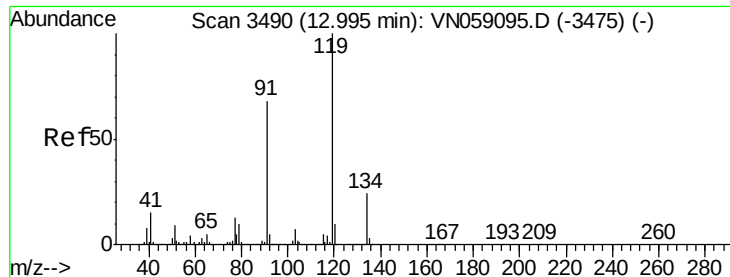
Tot Ion: 75 Resp: 54139
Ion Ratio Lower Upper
75 100
53 92.8 72.2 108.2
89 45.2 35.8 53.8



#82
4-Chlorotoluene
Concen: 19.945 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 91 Resp: 323429
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2

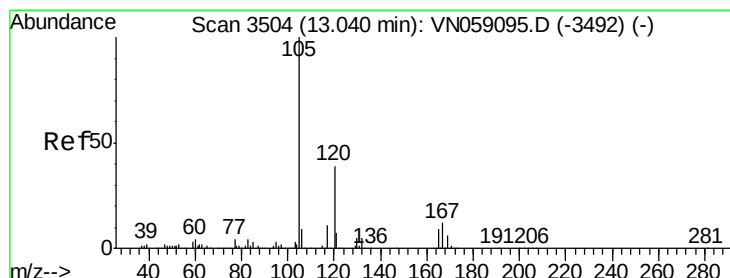
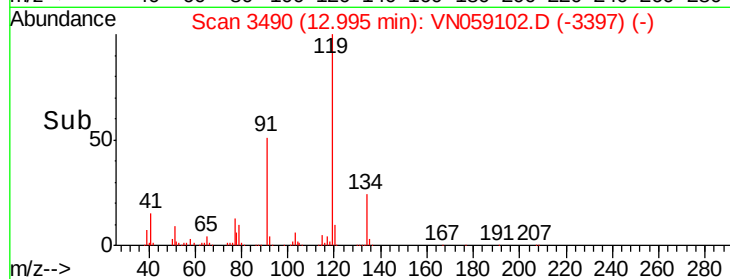
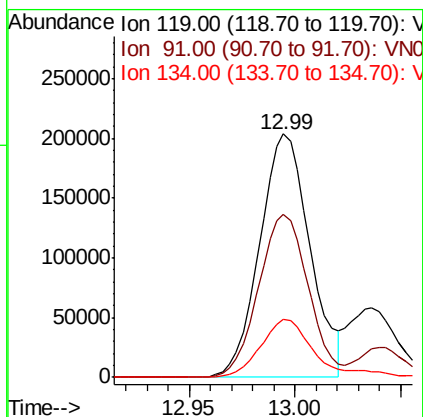
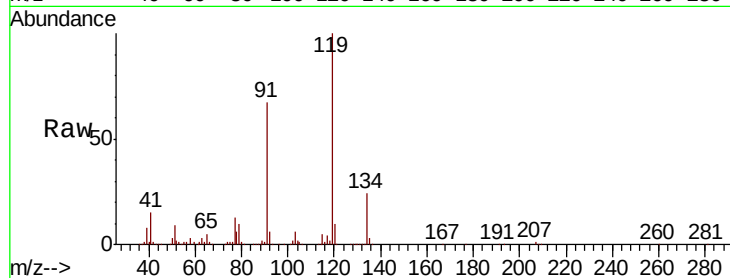




#83
 tert-Butylbenzene
 Concen: 20.297 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

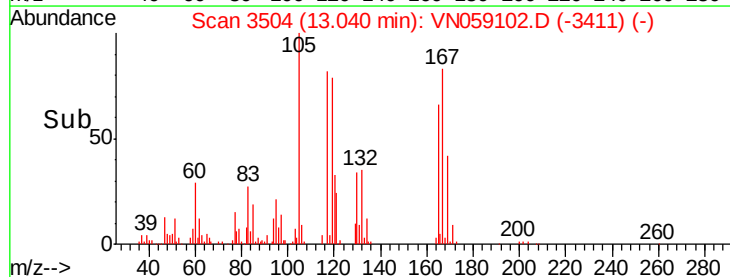
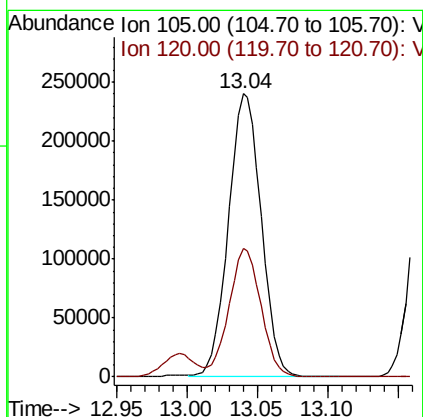
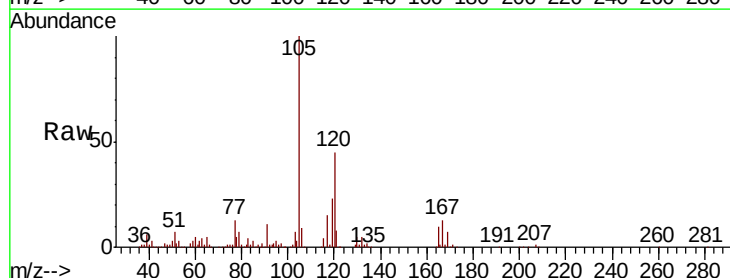
Instrument :
 MSVOA_N
 ClientSampled :

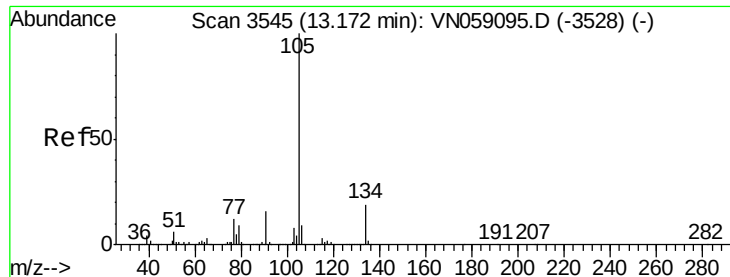
Tot Ion:119 Resp: 338069
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.2 99.6
 134 23.9 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.859 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion:105 Resp: 389244
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 20.546 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

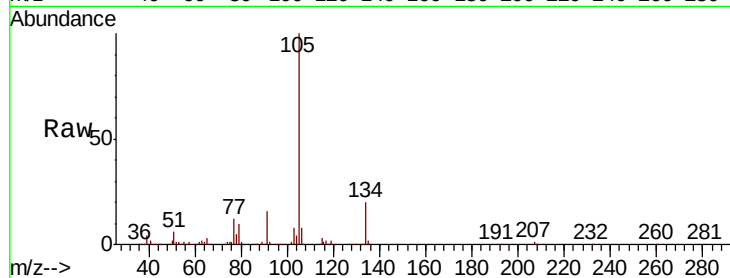
ClientSampled :

Tot Ion:105 Resp: 445070

Ion Ratio Lower Upper

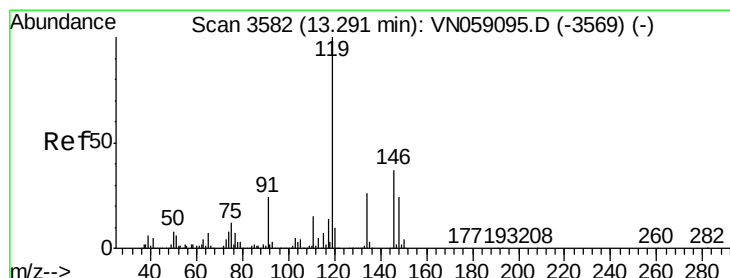
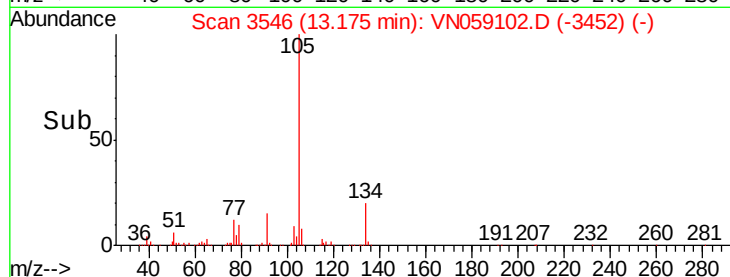
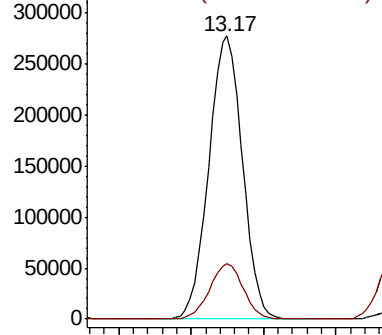
105 100

134 19.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.752 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

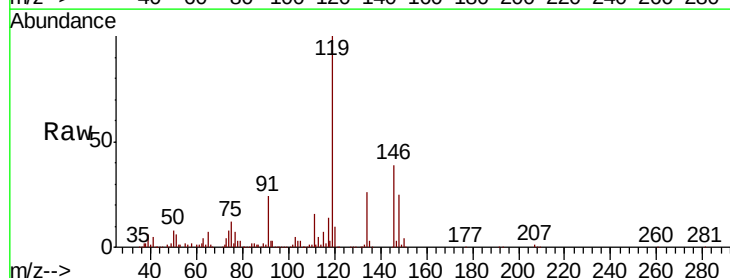
Tgt Ion:119 Resp: 396931

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

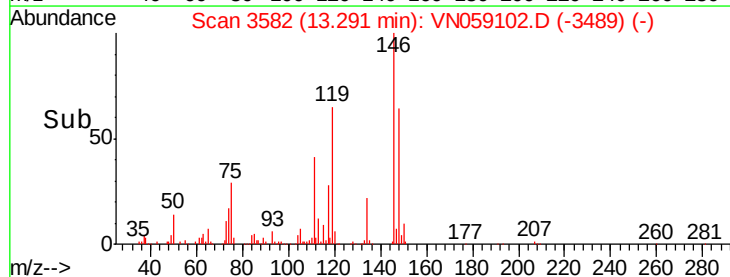
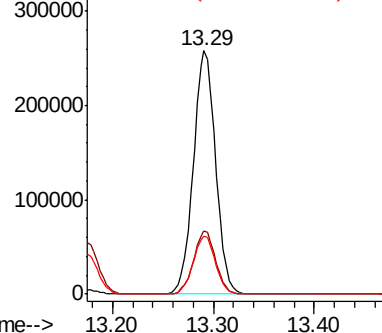
91 23.7 11.7 35.1

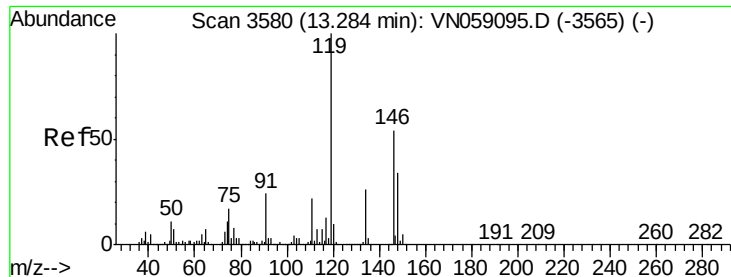


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.891 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059102.D

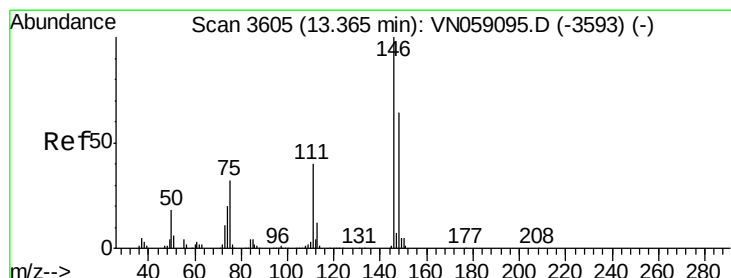
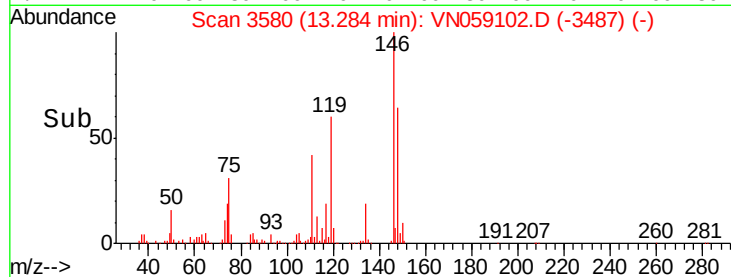
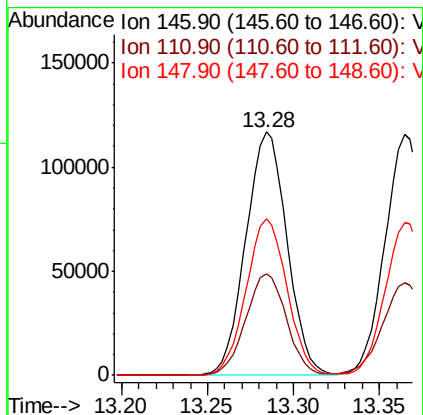
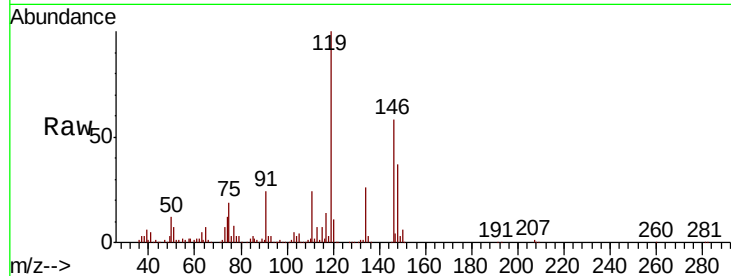
Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	194795
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.3
148	63.7	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.627 ug/l

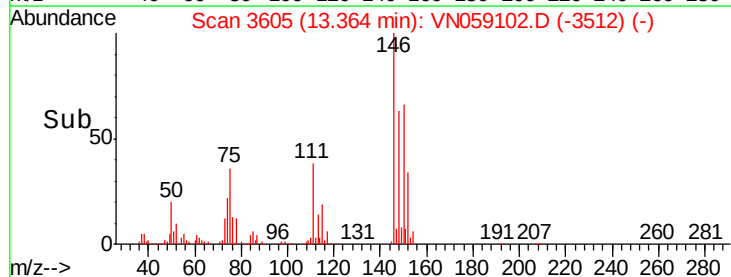
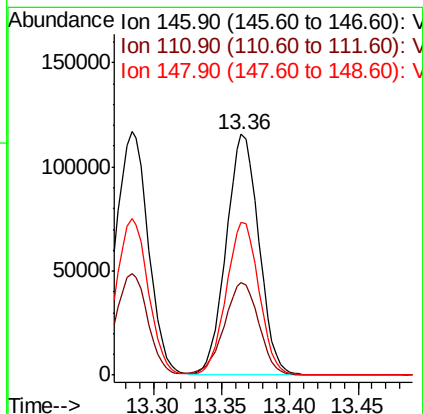
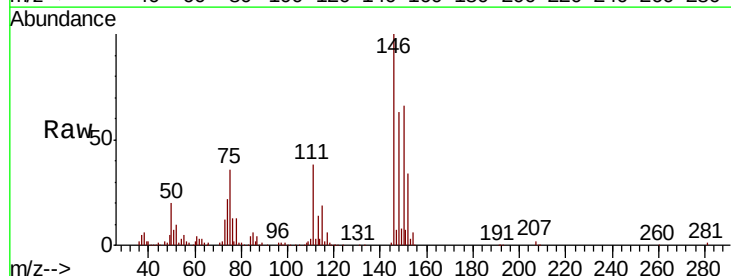
RT: 13.36 min Scan# 3605

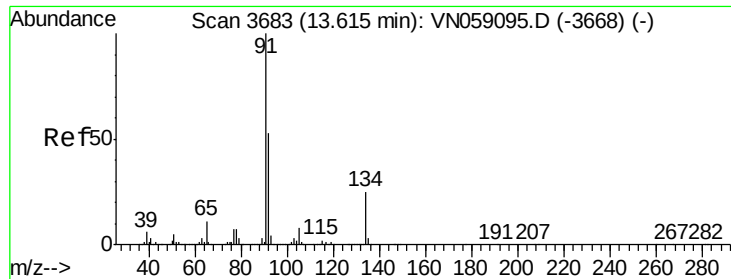
Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion:	146	Resp:	192309
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	63.2	31.9	95.7

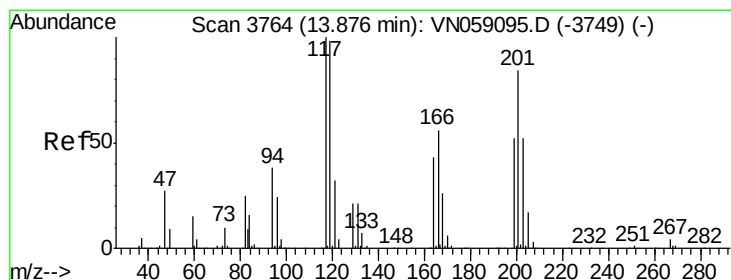
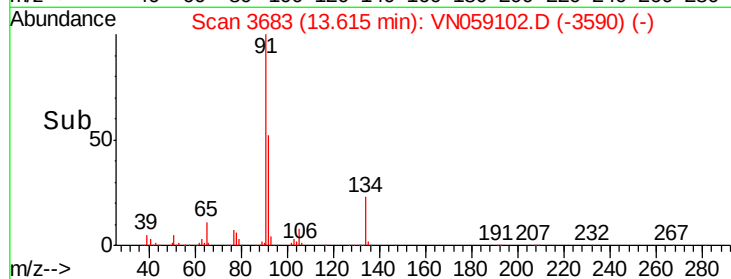
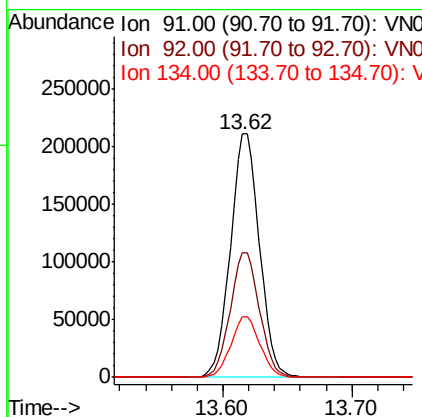
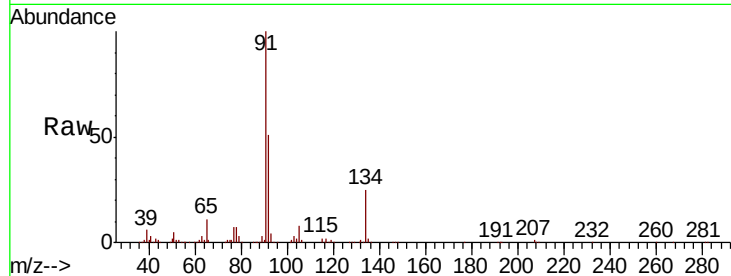




#89
n-Butylbenzene
Concen: 19.600 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

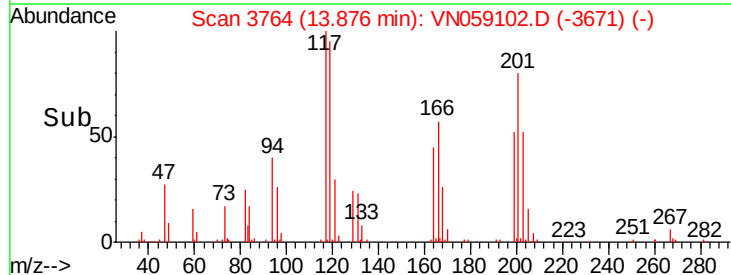
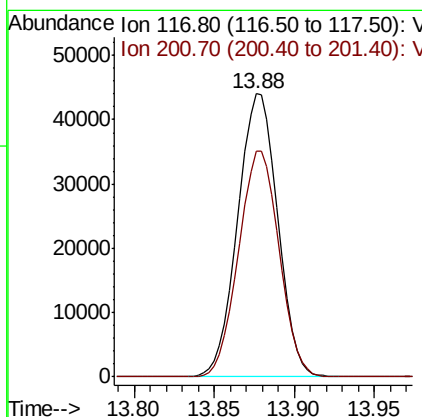
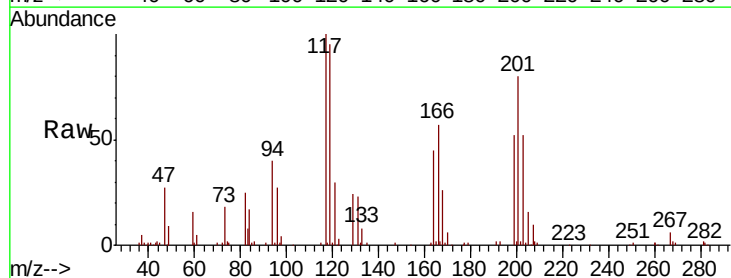
Instrument :
MSVOA_N
ClientSampleId :

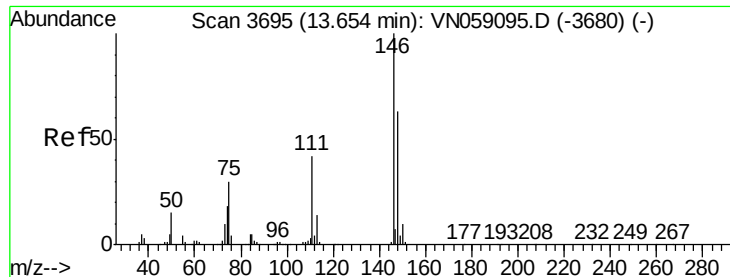
Tot Ion: 91 Resp: 328111
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.3
134 25.0 12.6 37.8



#90
Hexachloroethane
Concen: 19.558 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 117 Resp: 75119
Ion Ratio Lower Upper
117 100
201 80.8 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 20.259 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059102.D

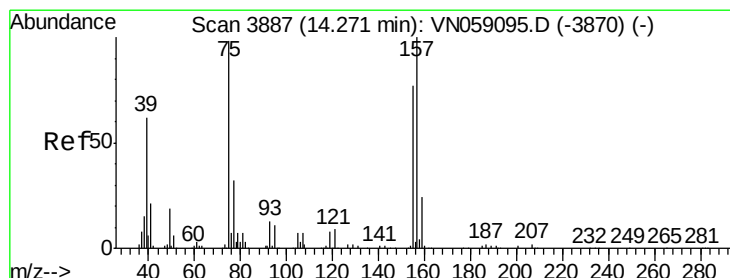
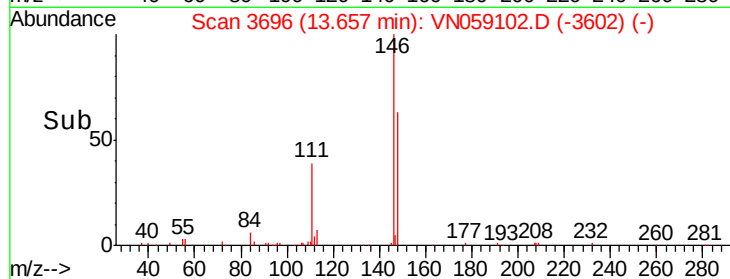
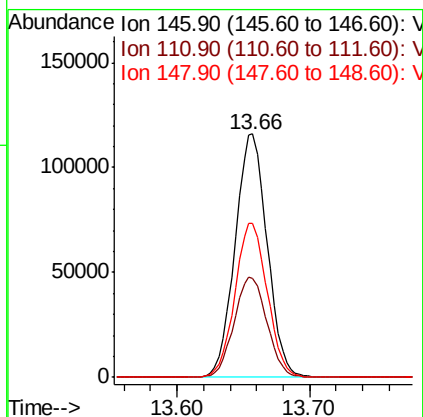
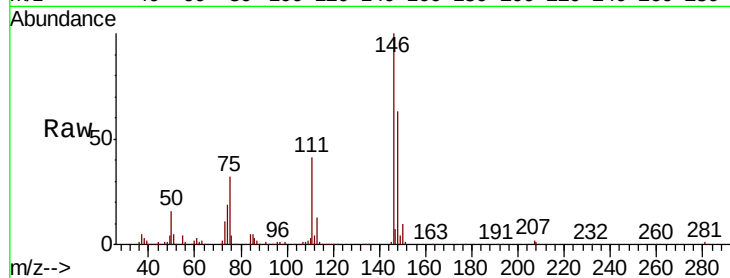
Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	195159
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	63.8	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.015 ug/l

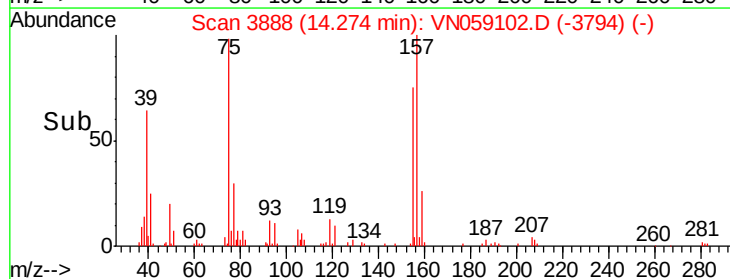
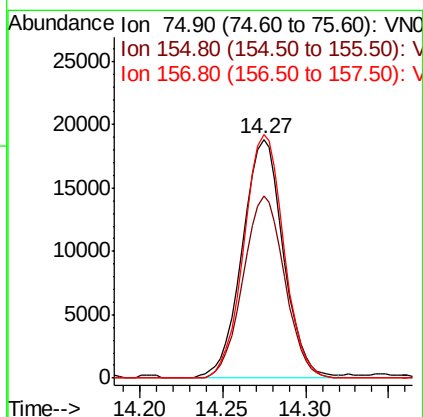
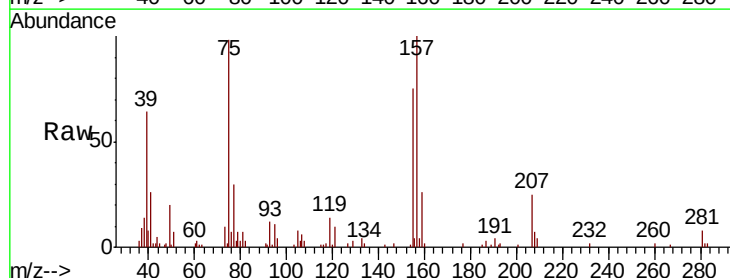
RT: 14.27 min Scan# 3888

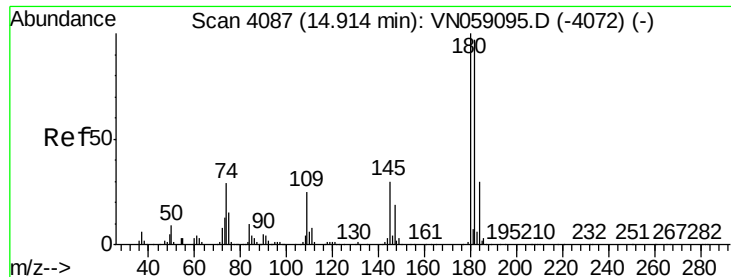
Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion:	75	Resp:	32476
Ion	Ratio	Lower	Upper
75	100		
155	76.6	40.2	120.6
157	99.0	51.8	155.5

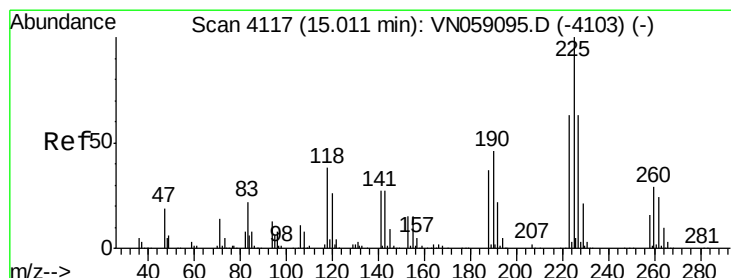
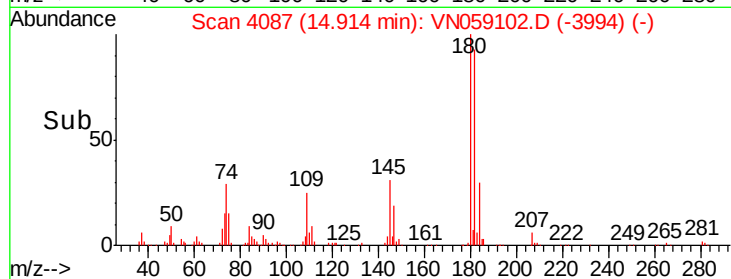
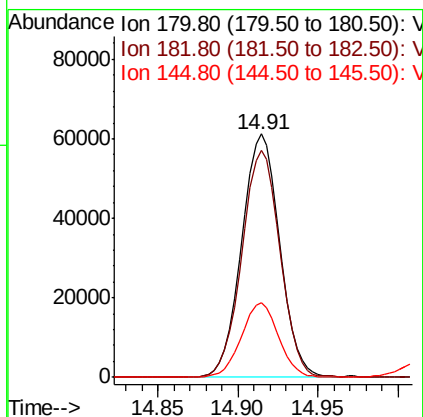
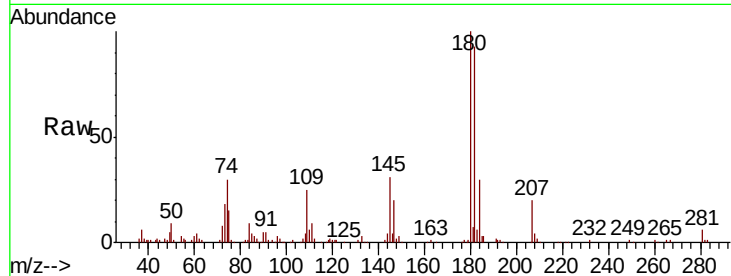




#93
 1,2,4-Trichlorobenzene
 Concen: 18.982 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

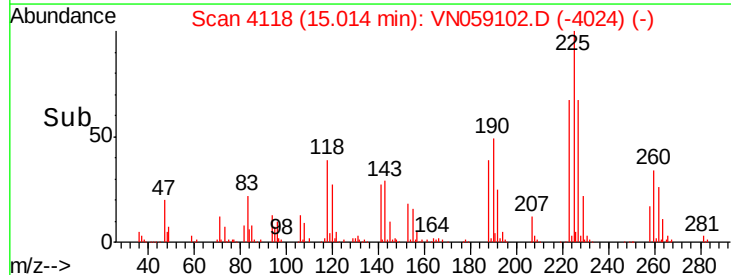
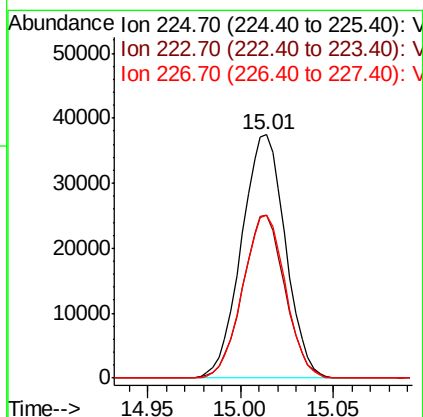
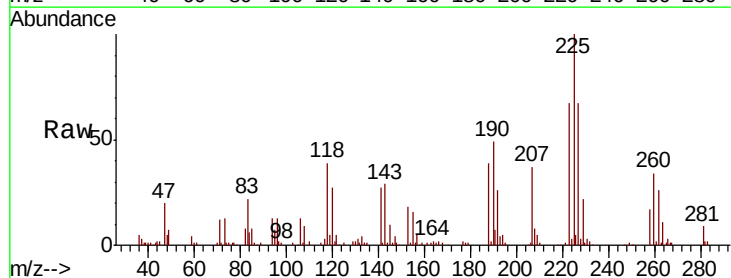
Instrument :
 MSVOA_N
 ClientSampled :

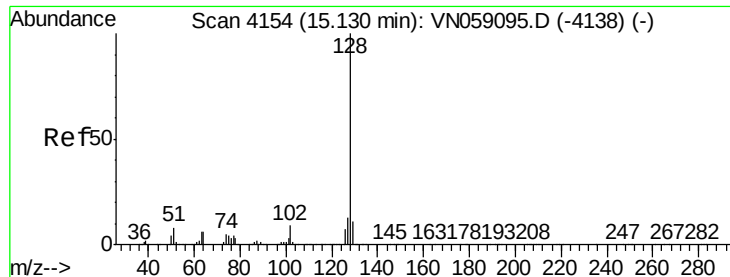
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.1	144.3
145	30.0	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 18.623 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.3	93.9
227	65.3	31.5	94.5





#95

Naphthalene

Concen: 18.435 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

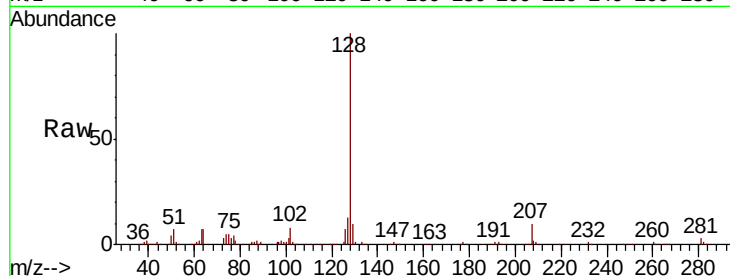
Tot Ion:128 Resp: 265736

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

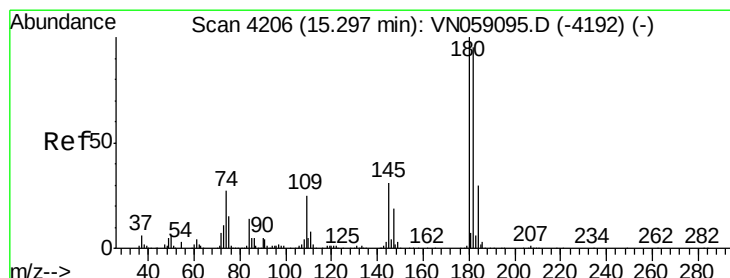
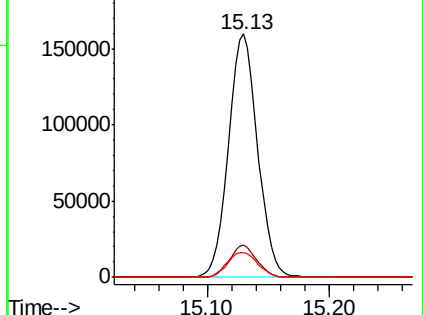
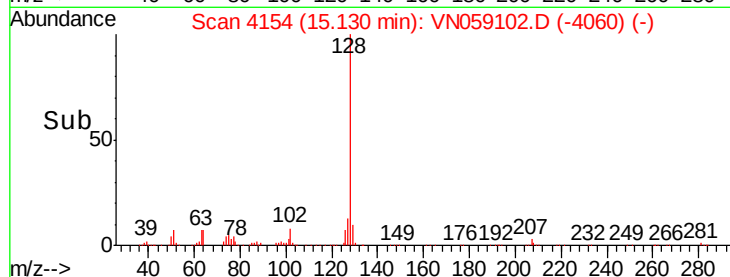
129 10.7 8.6 12.8



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: 18.766 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

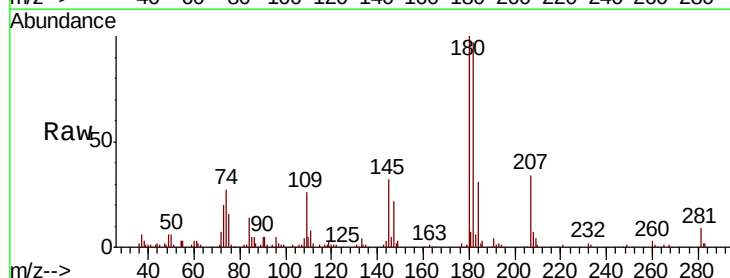
Tgt Ion:180 Resp: 101315

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 31.9 15.8 47.3



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

