

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063730.D
 Acq On : 29 Sep 2020 16:40
 Operator : JC/MD
 Sample : L4178-04DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4DL

Quant Time: Sep 30 00:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	203672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	364261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	372007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198759	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	163154	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
35) Dibromofluoromethane	7.55	113	116549	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
50) Toluene-d8	10.06	98	475146	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.38	95	198127	57.00	ug/l	0.00
Spiked Amount			Recovery	=	114.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.91	142	792	0.268	ug/l #	58
13) Acrolein	3.56	56	163	0.916	ug/l #	13
14) Allyl chloride	4.48	41	9538	2.098	ug/l #	50
15) Acrylonitrile	4.98	53	2093	1.713	ug/l #	23
16) Acetone	3.78	43	4836	4.340	ug/l #	83
17) Carbon Disulfide	4.01	76	4092	0.612	ug/l #	91
18) Methyl Acetate	4.49	43	25121	8.881	ug/l #	54
20) Methylene Chloride	4.49	84	964	0.341	ug/l #	49
25) 2-Butanone	6.78	43	378	0.221	ug/l #	51
29) Tetrahydrofuran	7.18	42	1266	1.082	ug/l #	36
31) Cyclohexane	7.61	56	83769	17.494	ug/l	97
36) 1,1-Dichloropropene	7.62	75	19343	4.984	ug/l #	57
38) Carbon Tetrachloride	7.63	117	22505	5.681	ug/l #	17
39) Methylcyclohexane	9.05	83	157622	37.424	ug/l	99
43) Isopropyl Acetate	8.11	43	9773	1.435	ug/l #	64
47) Bromodichloromethane	9.49	83	1671	0.406	ug/l #	25
48) Methyl methacrylate	9.11	41	7409	2.214	ug/l #	43
49) 1,4-Dioxane	9.18	88	63	1.312	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	1056	0.277	ug/l #	81
52) Toluene	10.13	92	7770	1.167	ug/l	95
55) 1,1,2-Trichloroethane	10.51	97	15286	5.778	ug/l #	21
56) Ethyl methacrylate	10.40	69	6741	1.632	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.67	63	547	0.252	ug/l #	51
59) 2-Hexanone	10.75	43	778	0.282	ug/l	73
67) Ethyl Benzene	11.49	91	2613679	175.758	ug/l	98
68) m/p-Xylenes	11.59	106	43355	8.086	ug/l	99
69) o-Xylene	11.92	106	3419	0.669	ug/l	100
73) Isopropylbenzene	12.23	105	302980	19.023	ug/l	99
74) N-amyl acetate	12.02	43	2661	0.353	ug/l #	65
76) 1,2,3-Trichloropropane	12.57	75	7702	1.566	ug/l #	100
78) n-propylbenzene	12.57	91	1027721	55.400	ug/l	100
79) 2-Chlorotoluene	12.66	91	31117	2.798	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.71	105	1412376	106.342	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.23	75	4025	2.243	ug/l #	66

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

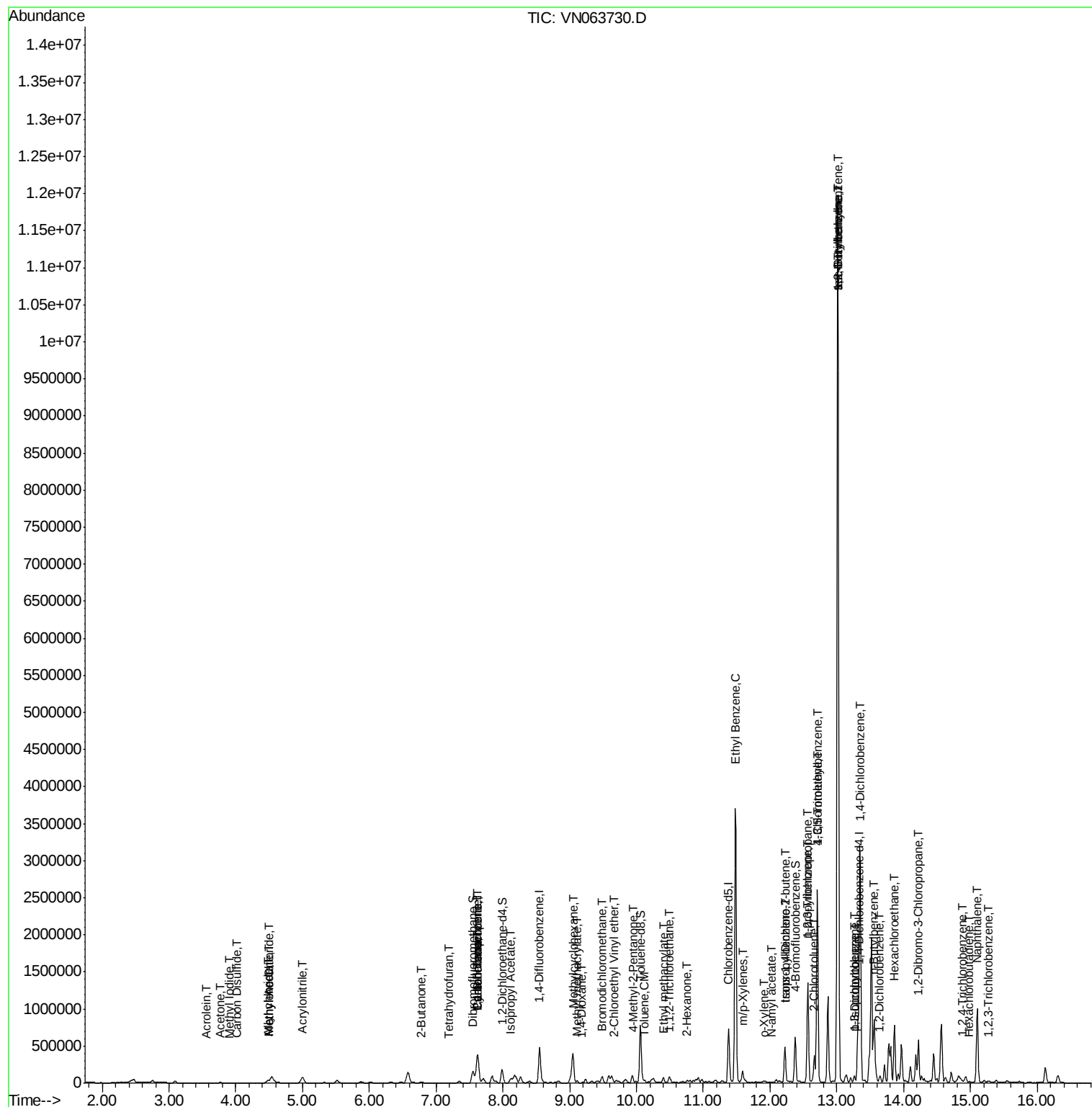
82) 4-Chlorotoluene	12.71	91	165059	14.048	ug/l #	44
83) tert-Butylbenzene	13.02	119	857922	78.265	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.02	105	5955795	443.953	ug/l	85
85) sec-Butylbenzene	13.02	105	5955795	405.904	ug/l #	59
86) p-Isopropyltoluene	13.26	119	39933	3.086	ug/l #	71
87) 1,3-Dichlorobenzene	13.26	146	1532	0.231	ug/l #	11
88) 1,4-Dichlorobenzene	13.33	146	2004	0.297	ug/l #	1
89) n-Butylbenzene	13.56	91	36450	3.056	ug/l #	1
90) Hexachloroethane	13.86	117	40108	16.276	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	1578	0.242	ug/l #	51
92) 1,2-Dibromo-3-Chloropropan	14.23	75	3270	2.785	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.88	180	2907	0.756	ug/l #	69
94) Hexachlorobutadiene	14.98	225	1747	1.098	ug/l	95
95) Naphthalene	15.10	128	821583	64.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	3948	1.063	ug/l #	75

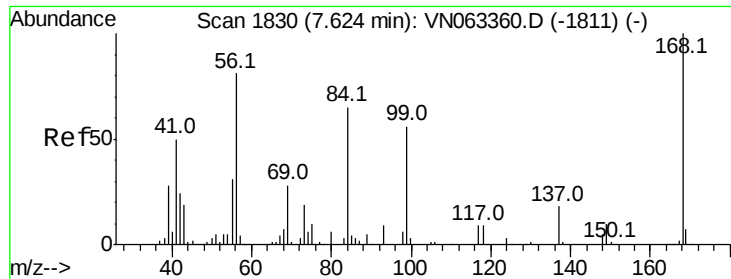
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

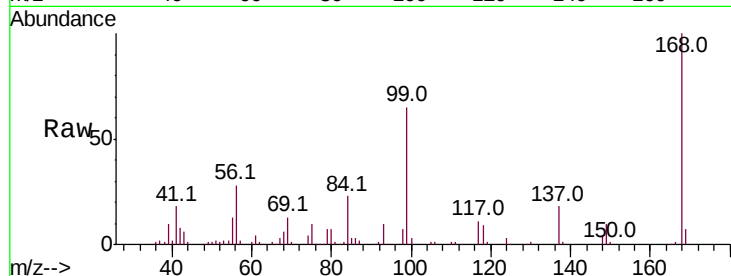
TP-4DL

Tot Ion:168 Resp: 203672

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6

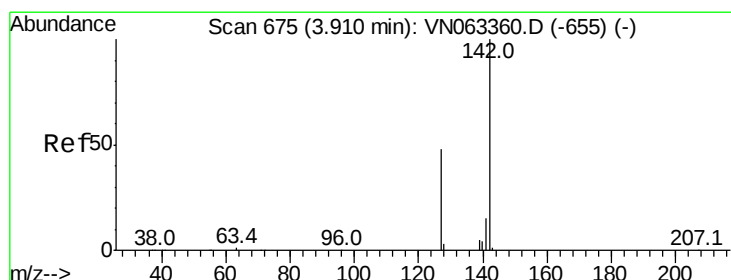
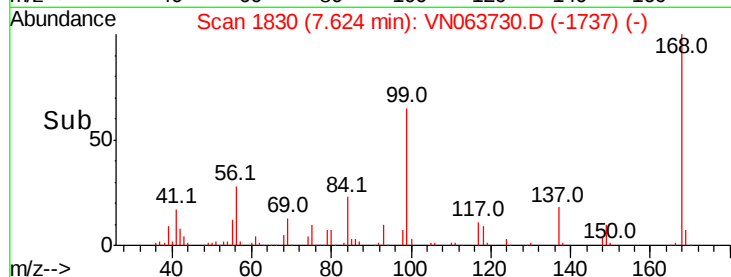


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

Time--> 7.50 7.60 7.70



#10

Methyl Iodide

Concen: 0.268 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

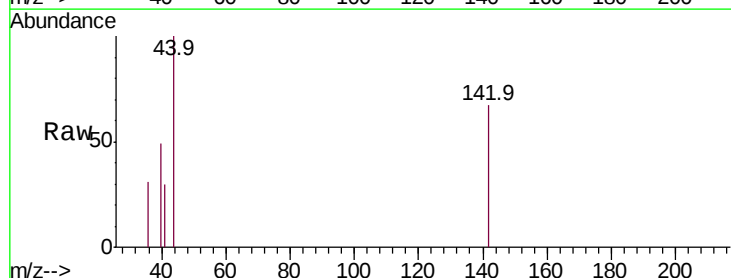
Tgt Ion:142 Resp: 792

Ion Ratio Lower Upper

142 100

127 18.8 39.0 58.6#

141 0.0 11.6 17.4#



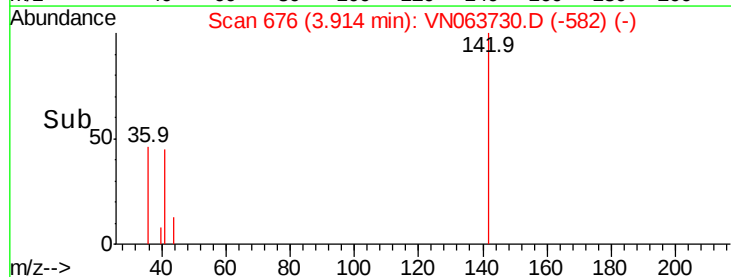
Abundance Ion 141.80 (141.50 to 142.50): V

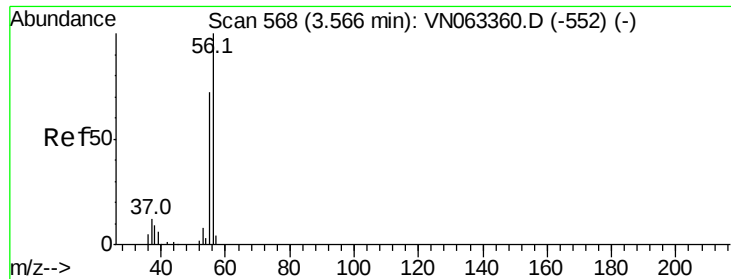
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.91

Time--> 3.85 3.90 3.95





#13

Acrolein

Concen: 0.916 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

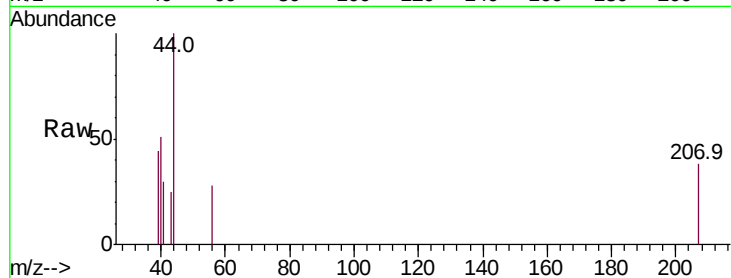
TP-4DL

Tot Ion: 56 Resp: 163

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

600

500

400

300

200

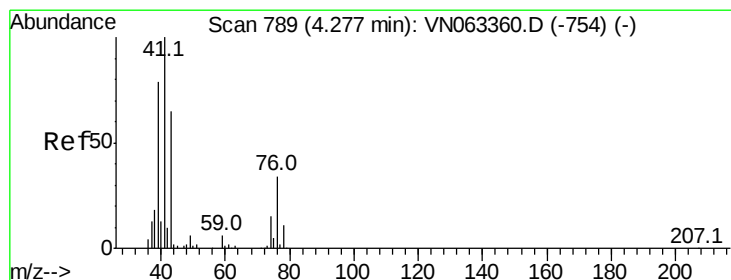
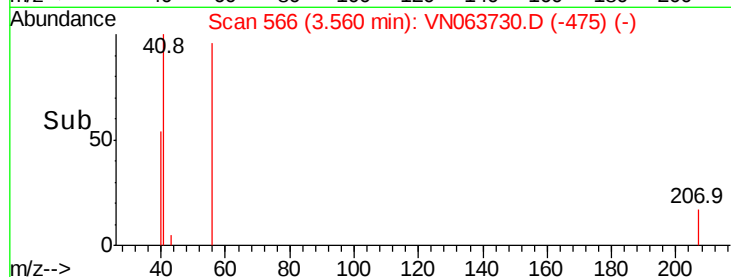
100

0

3.54 3.55 3.56 3.57 3.58

3.56

Time-->



#14

Allyl chloride

Concen: 2.098 ug/l

RT: 4.48 min Scan# 851

Delta R.T. 0.20 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

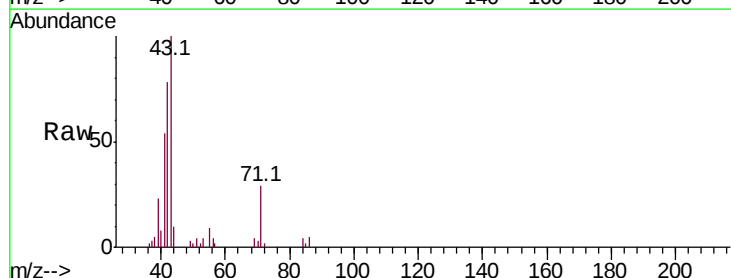
Tgt Ion: 41 Resp: 9538

Ion Ratio Lower Upper

41 100

39 34.4 59.3 88.9#

76 0.0 25.3 37.9#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

10000

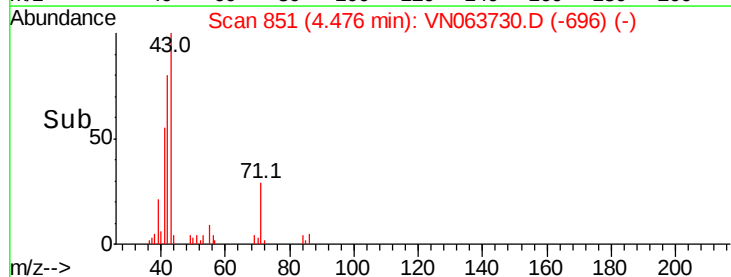
5000

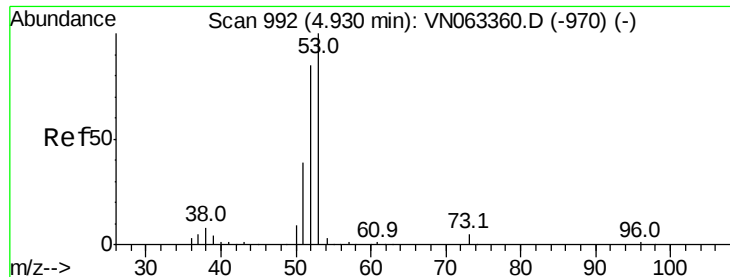
0

4.40 4.45 4.50

4.48

Time-->





#15

Acrylonitrile

Concen: 1.713 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. 0.05 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL

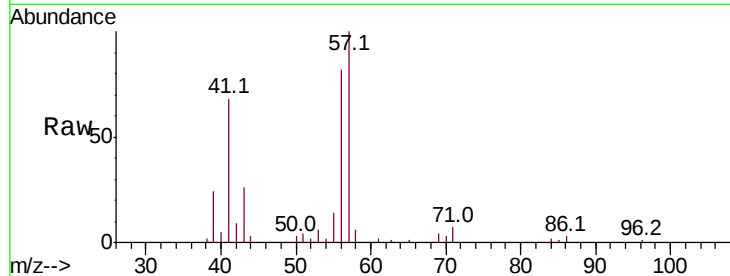
Tot Ion: 53 Resp: 2093

Ion Ratio Lower Upper

53 100

52 3.3 66.4 99.6#

51 69.9 30.2 45.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

1500

1000

500

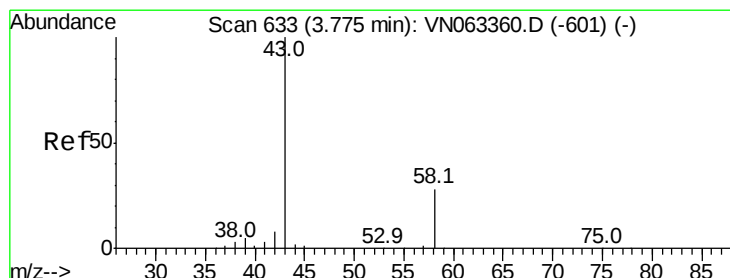
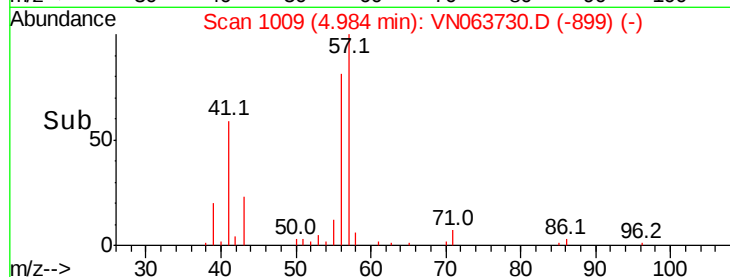
0

4.95

4.98

5.00

Time-->



#16

Acetone

Concen: 4.340 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063730.D

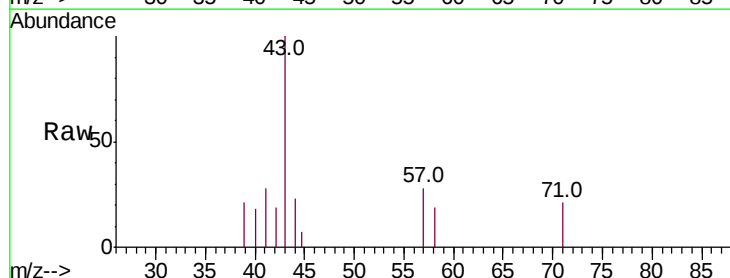
Acq: 29 Sep 2020 16:40

Tgt Ion: 43 Resp: 4836

Ion Ratio Lower Upper

43 100

58 19.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

2500

2000

1500

1000

500

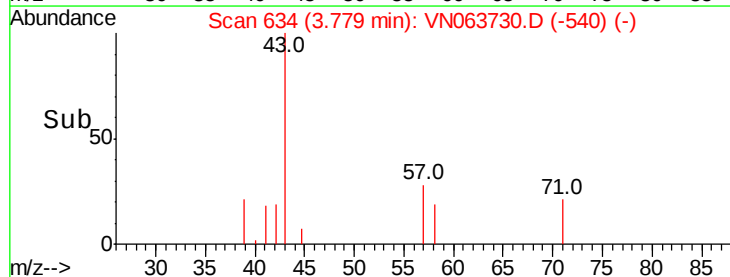
0

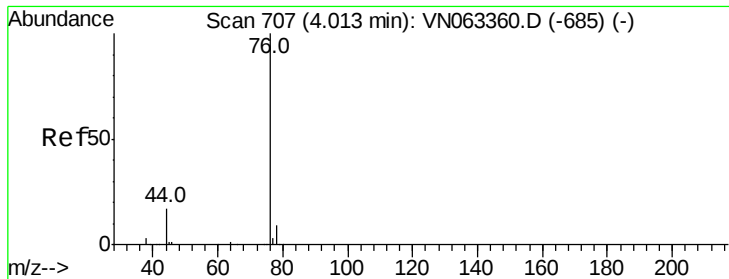
3.75

3.78

3.85

Time-->





#17

Carbon Disulfide

Concen: 0.612 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

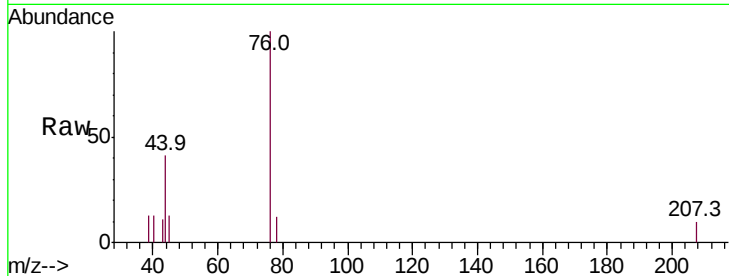
TP-4DL

Tot Ion: 76 Resp: 4092

Ion Ratio Lower Upper

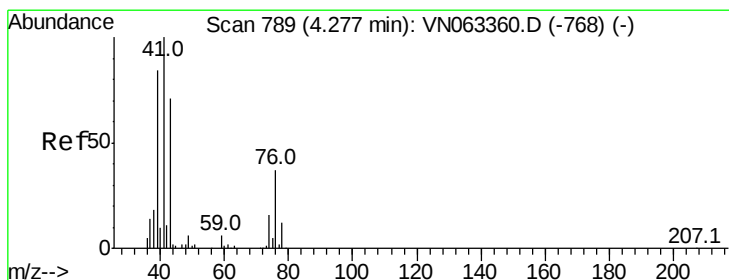
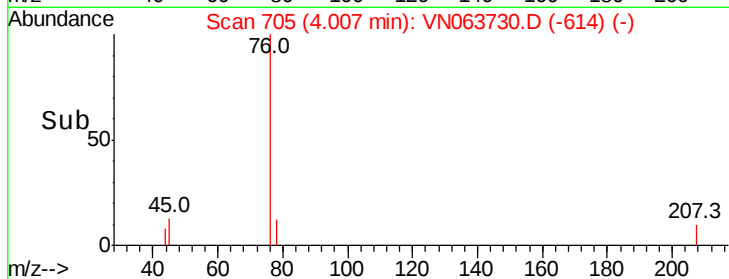
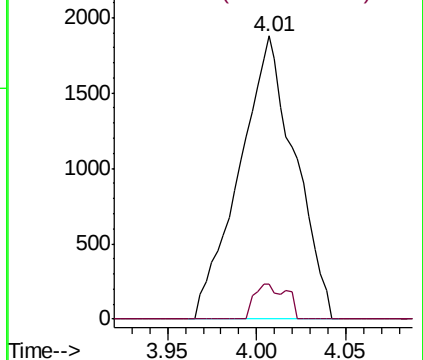
76 100

78 12.2 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 8.881 ug/l

RT: 4.49 min Scan# 854

Delta R.T. 0.21 min

Lab File: VN063730.D

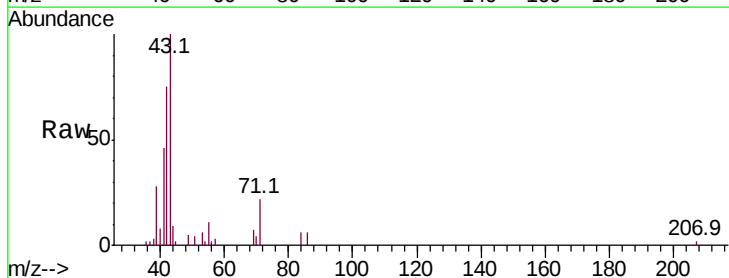
Acq: 29 Sep 2020 16:40

Tgt Ion: 43 Resp: 25121

Ion Ratio Lower Upper

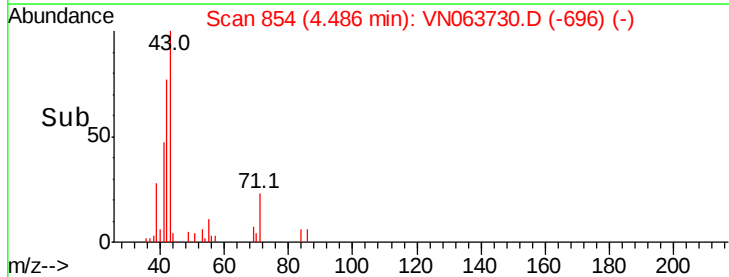
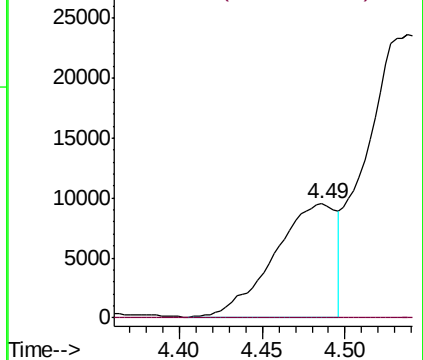
43 100

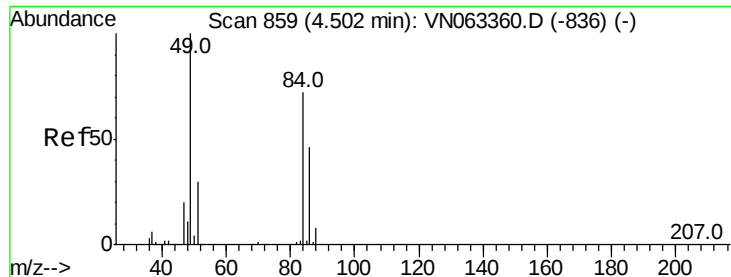
74 0.0 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





#20

Methvlene Chloride

Concen: 0.341 ug/l

RT: 4.49 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-4DL

Tot Ion: 84 Resp: 964

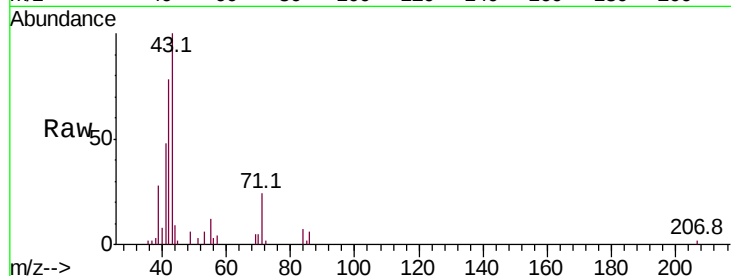
Ion Ratio Lower Upper

84 100

49 85.2 110.7 166.1#

51 0.0 32.9 49.3#

86 19.9 51.1 76.7#

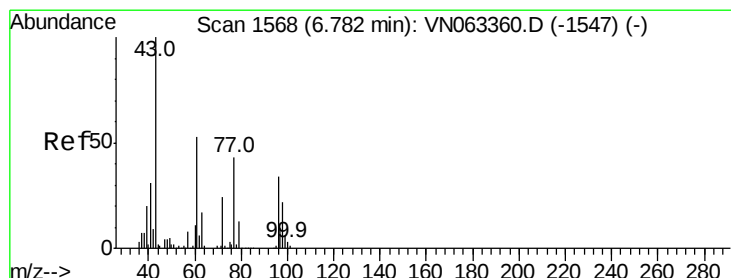
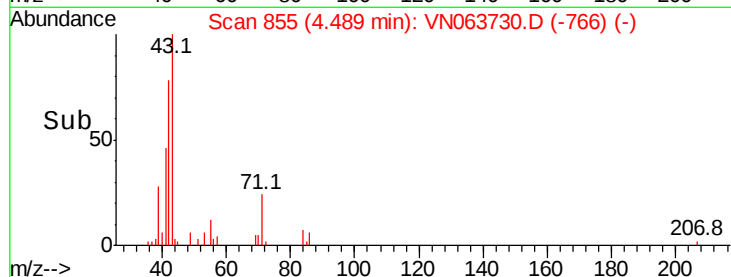
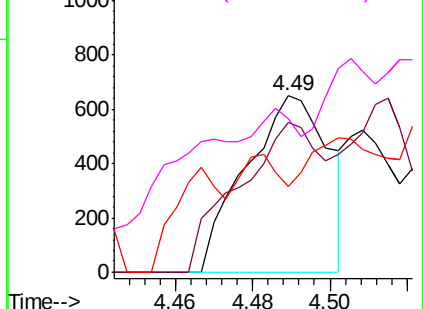


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 0.221 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063730.D

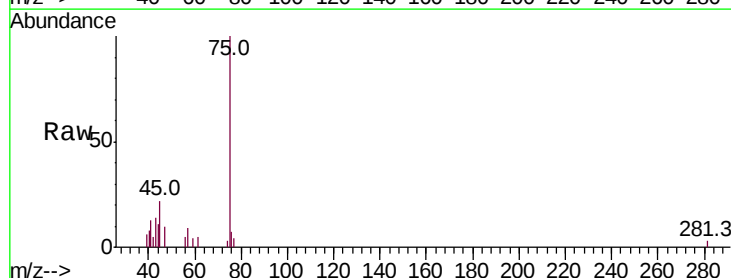
Acq: 29 Sep 2020 16:40

Tgt Ion: 43 Resp: 378

Ion Ratio Lower Upper

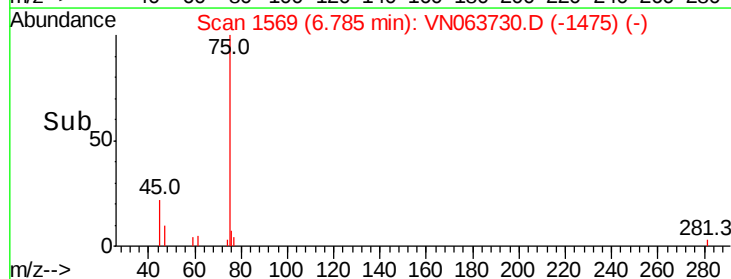
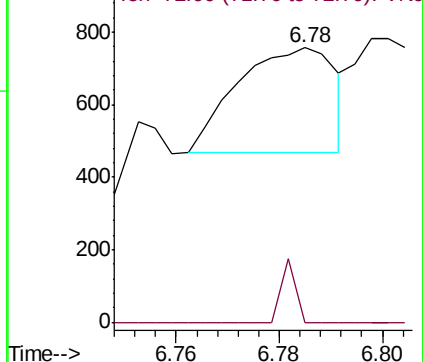
43 100

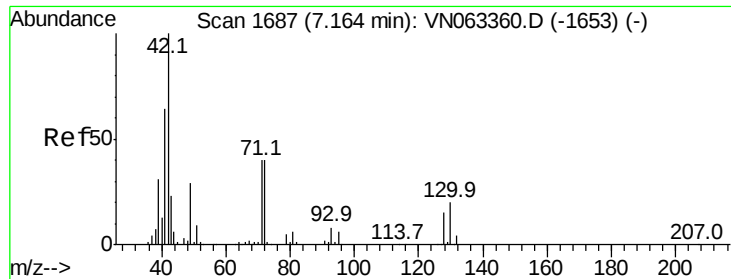
72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 1.082 ug/l

RT: 7.18 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL

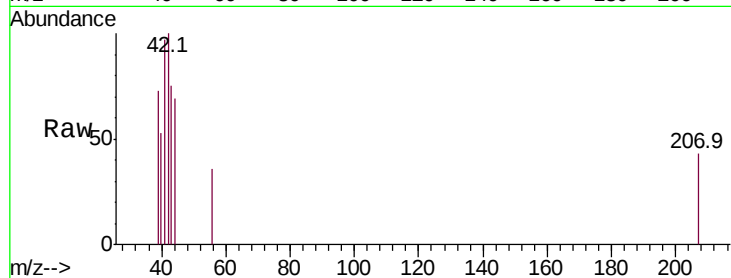
Tot Ion: 42 Resp: 1266

Ion Ratio Lower Upper

42 100

72 0.0 32.1 48.1#

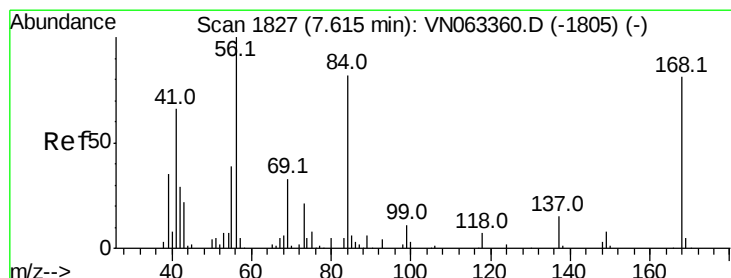
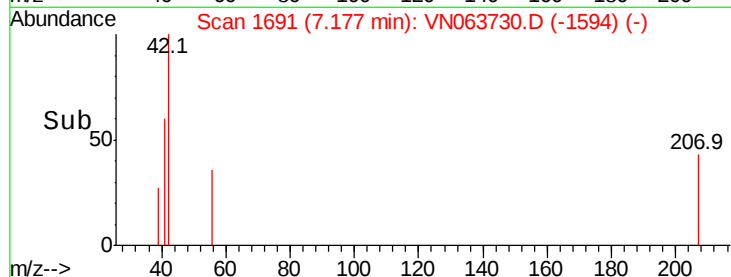
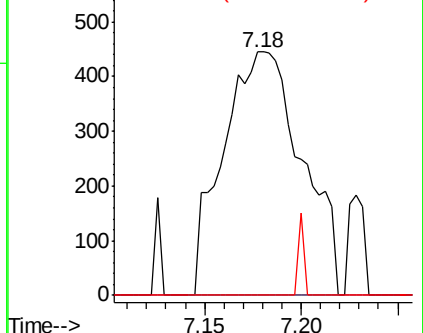
71 0.0 31.2 46.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 17.494 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

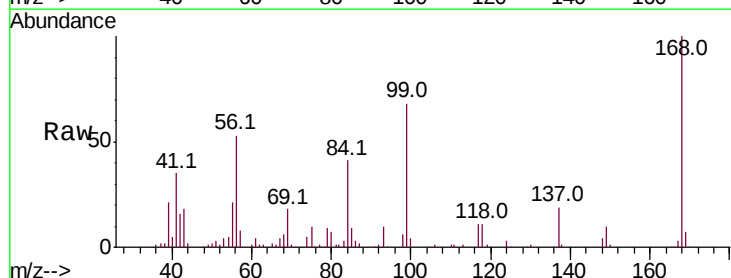
Tgt Ion: 56 Resp: 83769

Ion Ratio Lower Upper

56 100

69 34.3 26.1 39.1

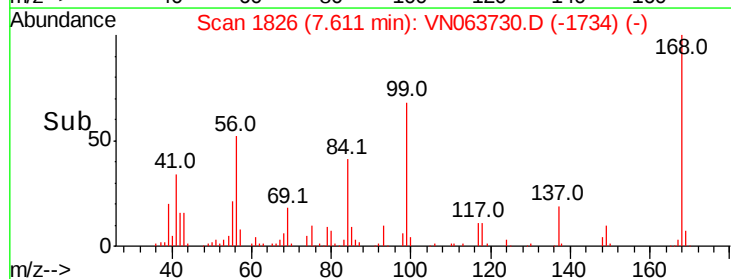
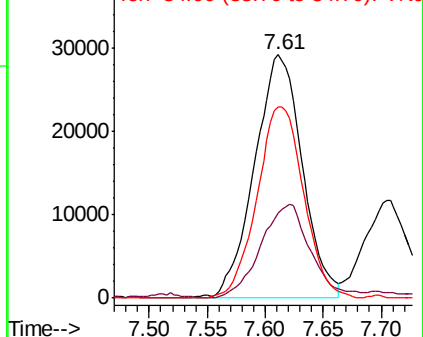
84 78.5 65.4 98.2

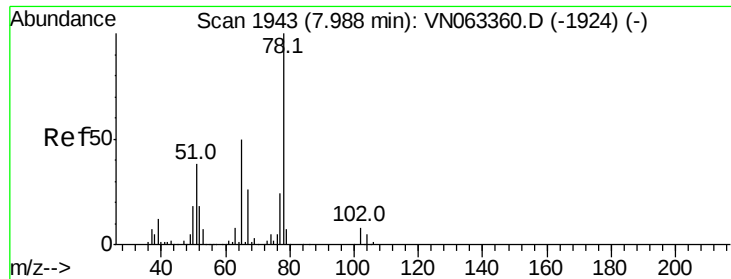


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.059 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

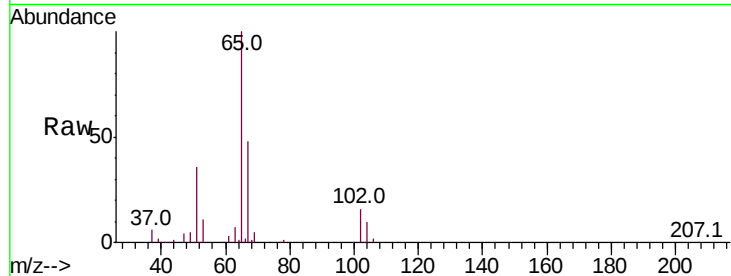
TP-4DL

Tot Ion: 65 Resp: 163154

Ion Ratio Lower Upper

65 100

67 48.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063730.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063730.D (-1924) (-)

7.99

80000

60000

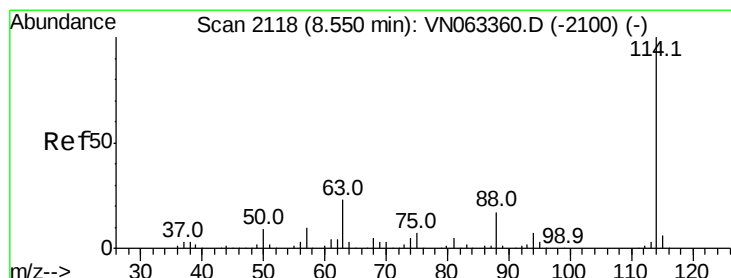
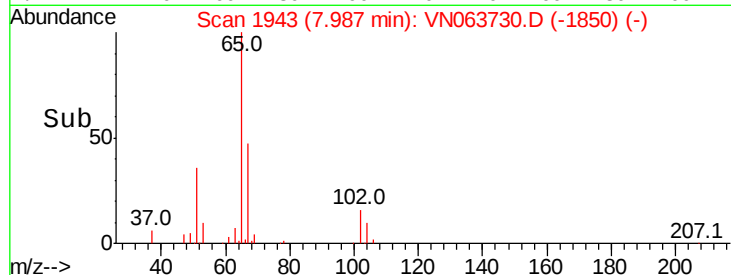
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

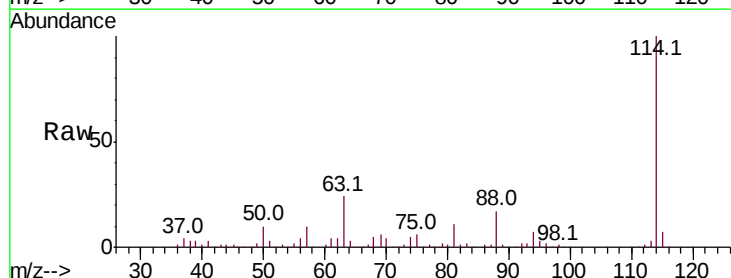
Tgt Ion: 114 Resp: 364261

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.4

88 16.9 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063730.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063730.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063730.D (-2100) (-)

8.55

200000

150000

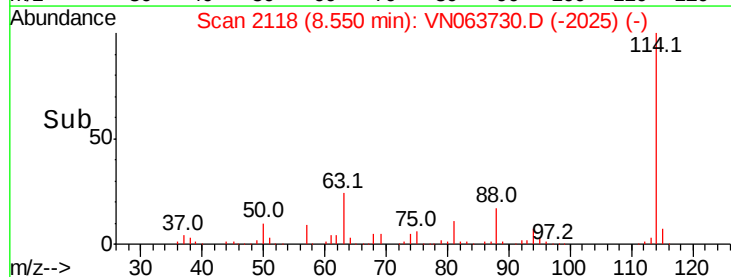
100000

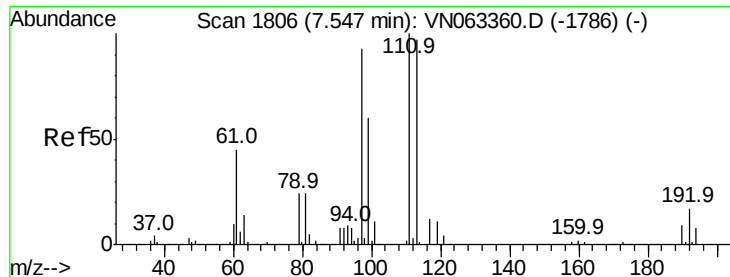
50000

0

8.50 8.60 8.70

Time-->





#35

Dibromofluoromethane

Concen: 46.218 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL

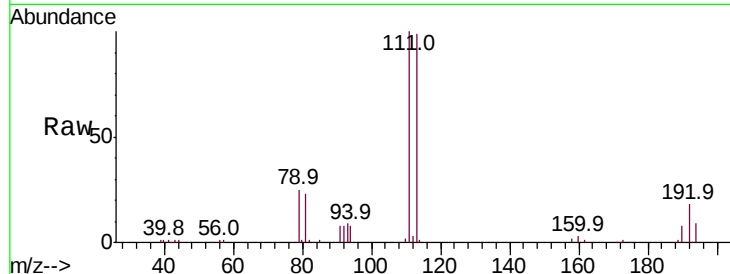
Tot Ion:113 Resp: 116549

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

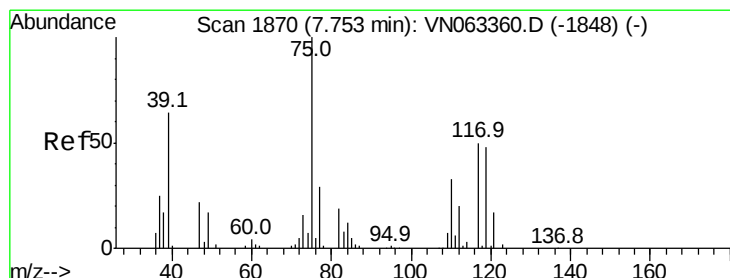
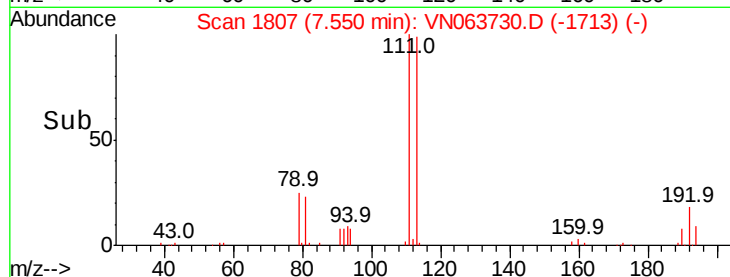
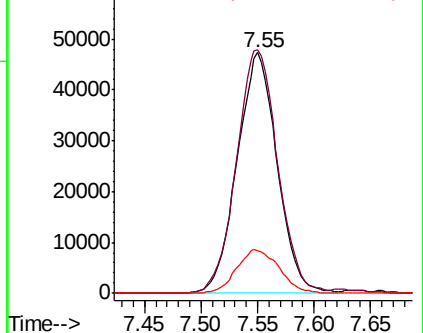
192 19.3 13.9 20.9



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: 4.984 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

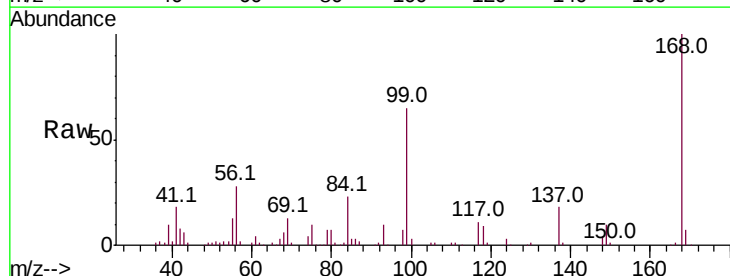
Tgt Ion: 75 Resp: 19343

Ion Ratio Lower Upper

75 100

110 9.2 16.5 49.5#

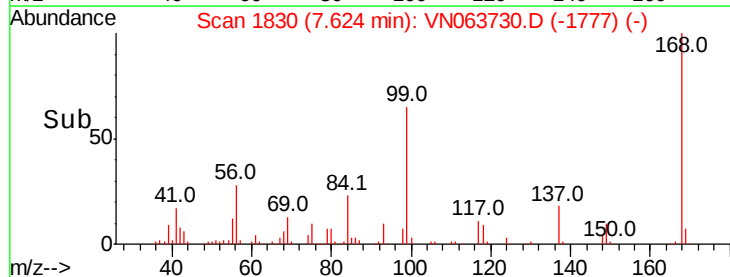
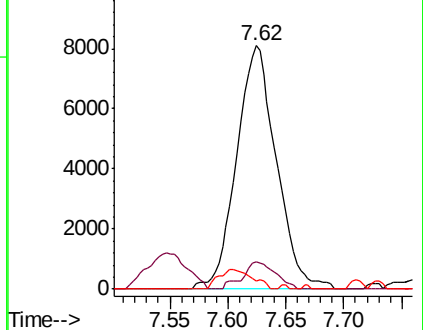
77 6.8 24.6 36.8#

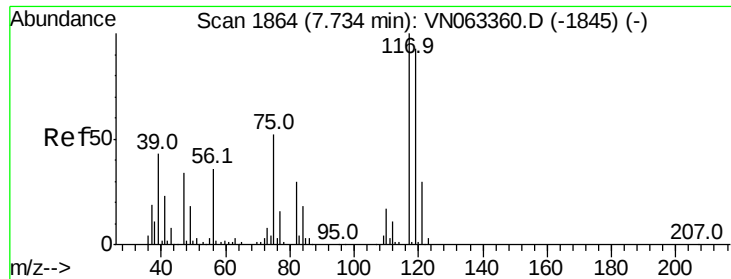


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

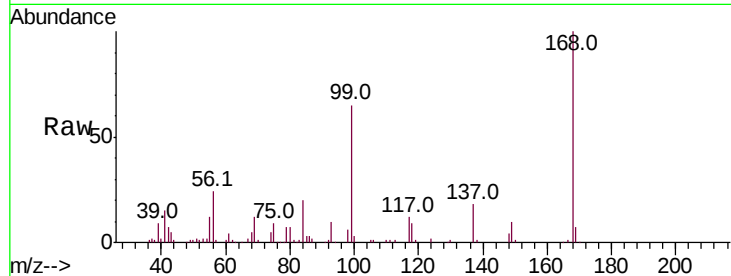




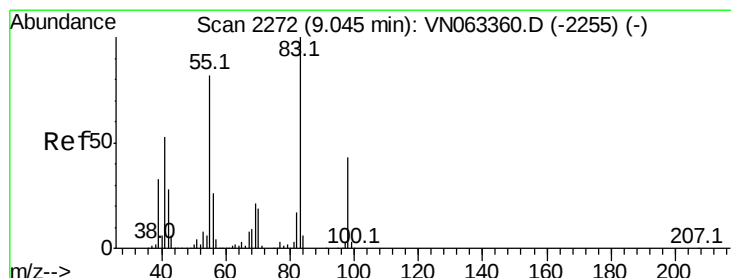
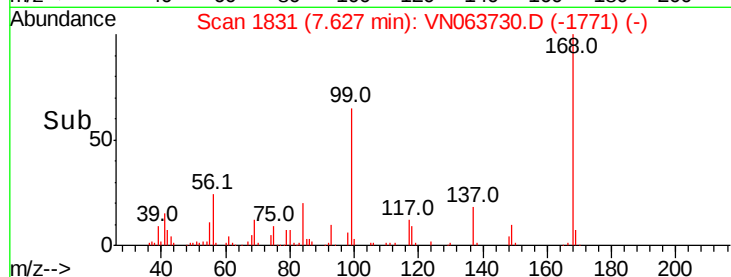
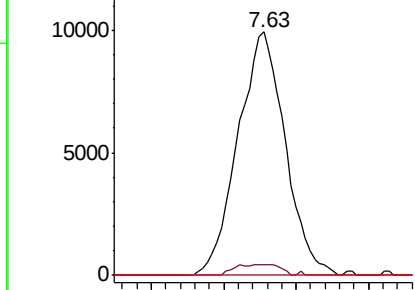
#38
Carbon Tetrachloride
Concen: 5.681 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
TP-4DL

Tot Ion:117 Resp: 22505
Ion Ratio Lower Upper
117 100
119 4.3 74.5 111.7#
121 0.0 24.1 36.1#

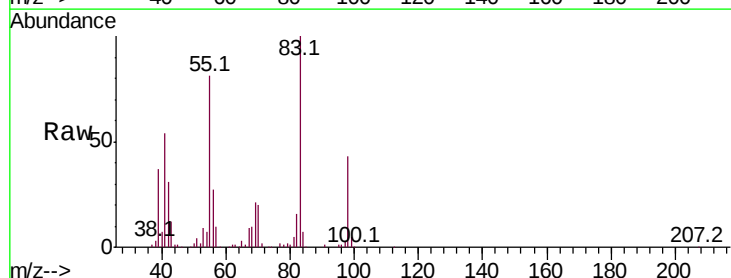


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

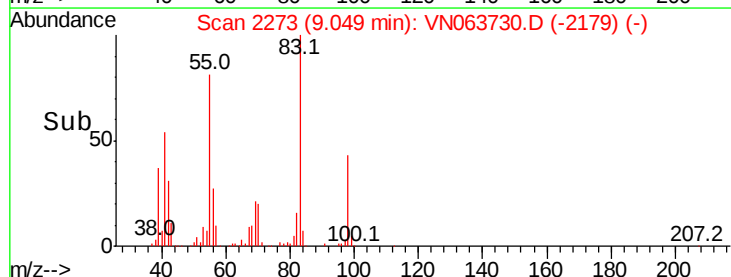
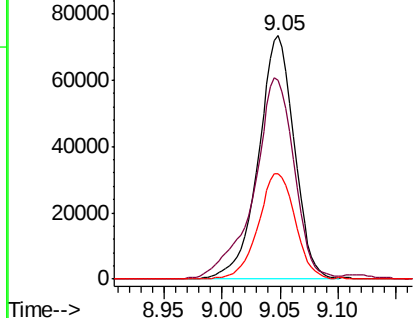


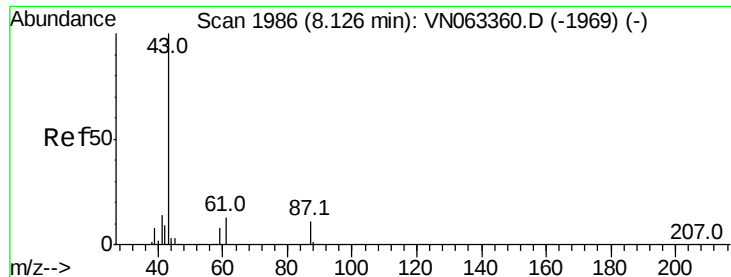
#39
Methylcyclohexane
Concen: 37.424 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

Tgt Ion: 83 Resp: 157622
Ion Ratio Lower Upper
83 100
55 81.0 65.5 98.3
98 43.3 34.2 51.4



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 1.435 ug/l

RT: 8.11 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-4DL

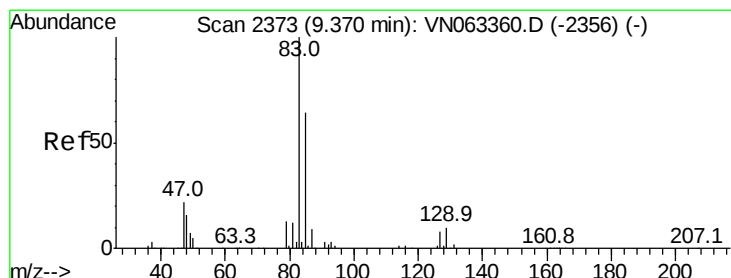
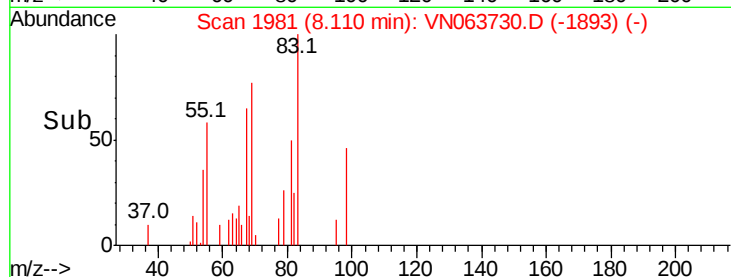
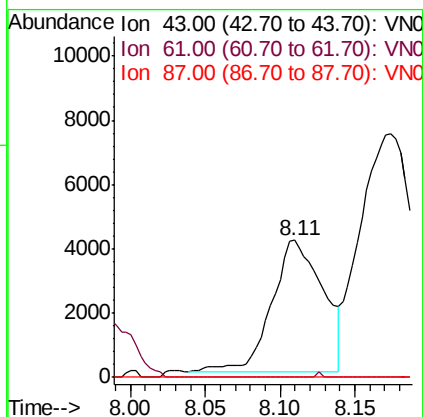
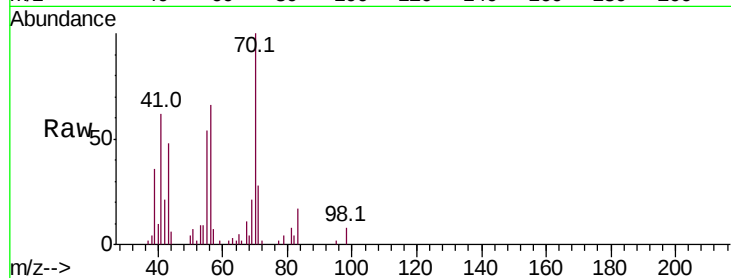
Tot Ion: 43 Resp: 9773

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 9.0 13.6#



#47

Bromodichloromethane

Concen: 0.406 ug/l

RT: 9.49 min Scan# 2409

Delta R.T. 0.12 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

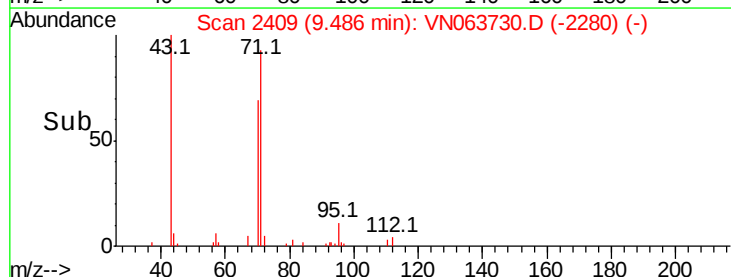
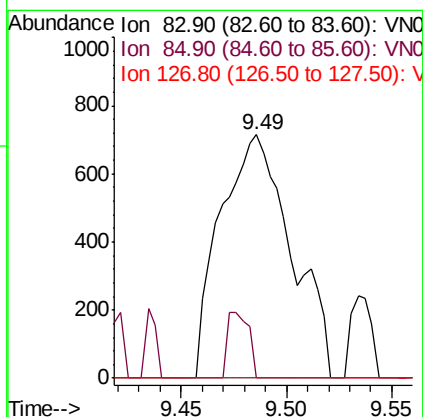
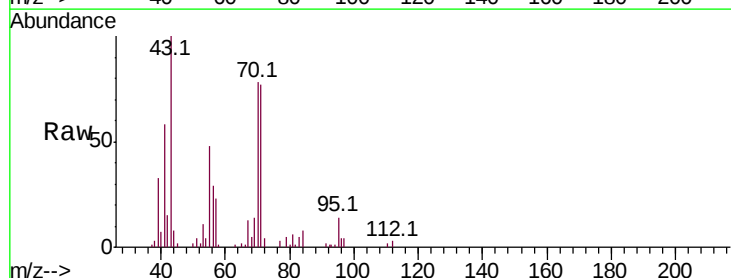
Tgt Ion: 83 Resp: 1671

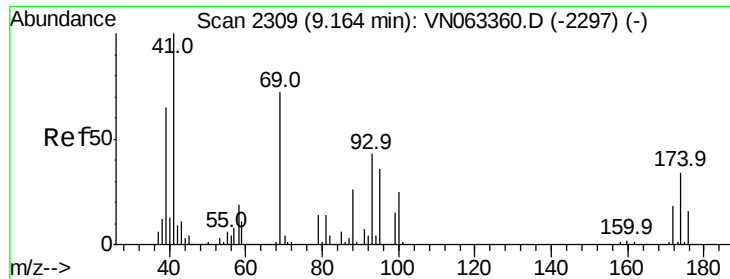
Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.6#

127 0.0 6.3 9.5#





#48

Methyl methacrylate

Concen: 2.214 ug/l

RT: 9.11 min Scan# 2293

Delta R.T. -0.05 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-4DL

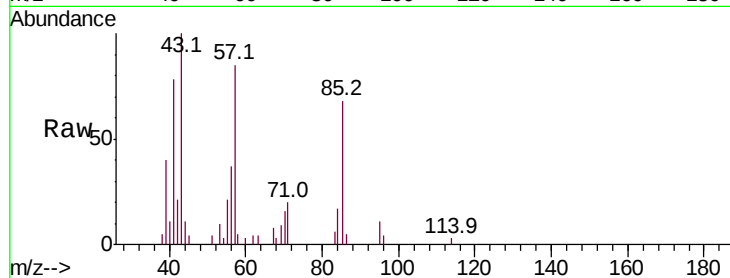
Tot Ion: 41 Resp: 7409

Ion Ratio Lower Upper

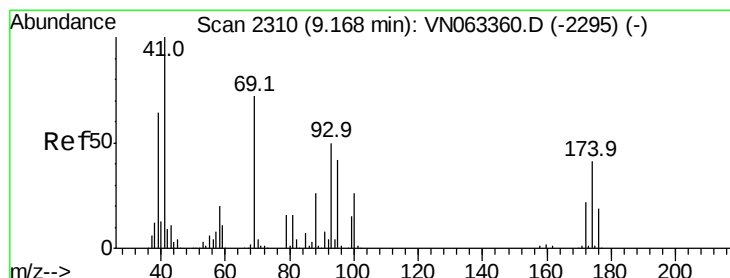
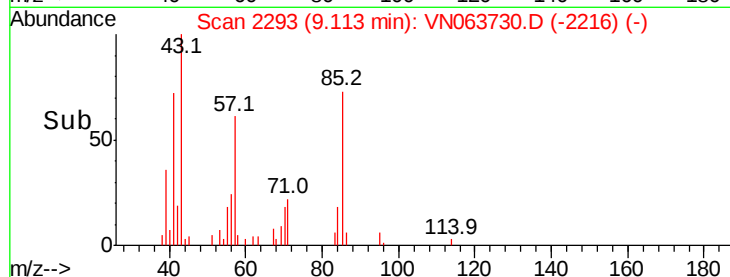
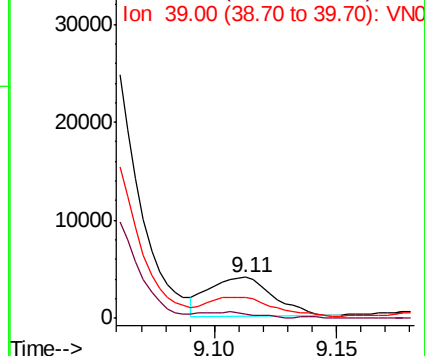
41 100

69 0.0 59.3 88.9#

39 48.3 52.9 79.3#



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



#49

1,4-Dioxane

Concen: 1.312 ug/l

RT: 9.18 min Scan# 2315

Delta R.T. 0.02 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

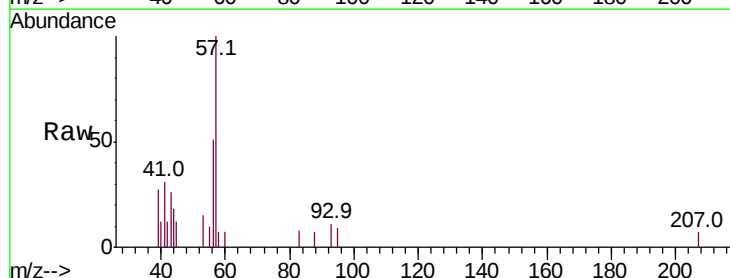
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

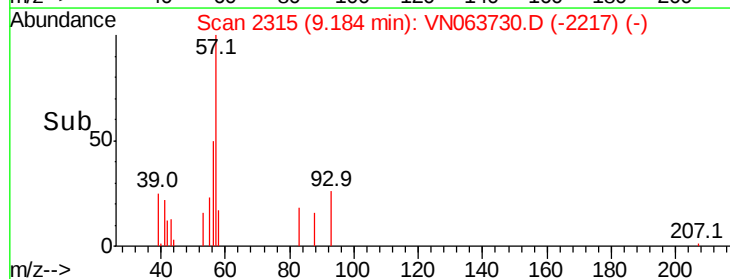
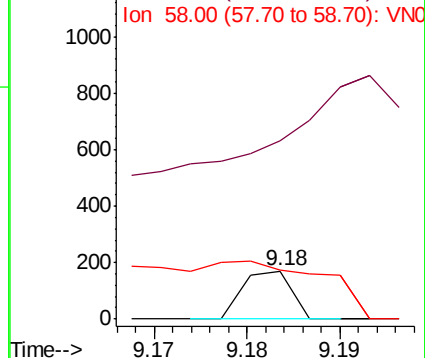
88 100

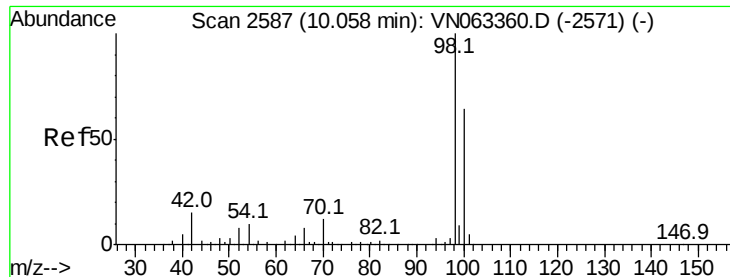
43 0.0 32.6 49.0#

58 439.7 60.0 90.0#



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





#50

Toluene-d8

Concen: 50.110 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

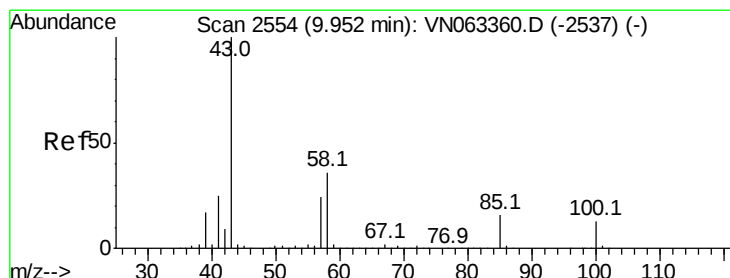
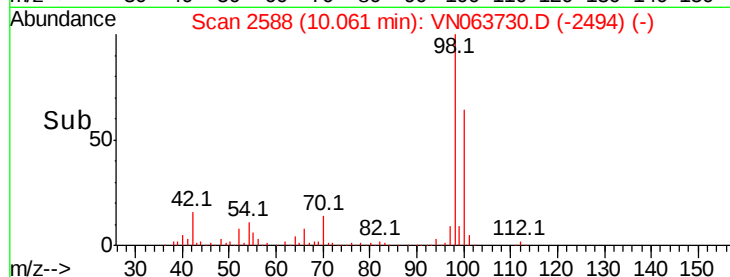
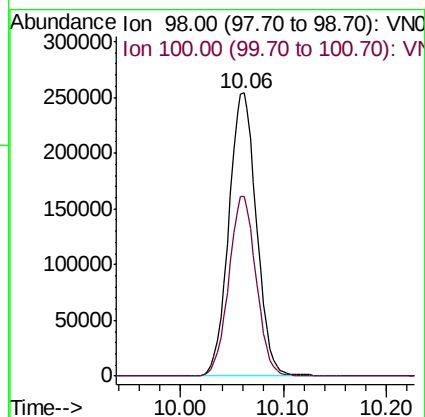
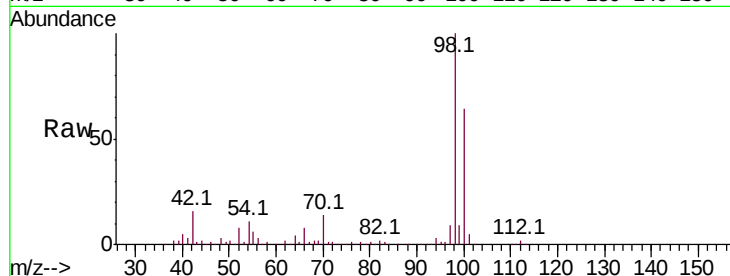
TP-4DL

Tot Ion: 98 Resp: 475146

Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.277 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063730.D

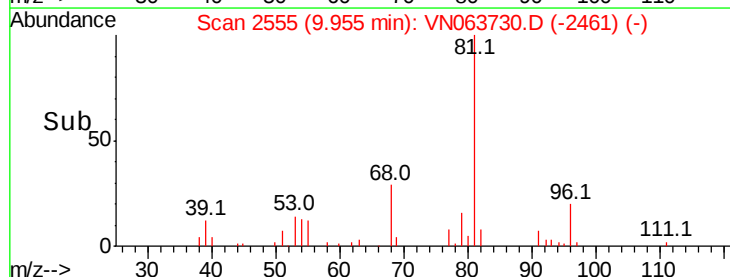
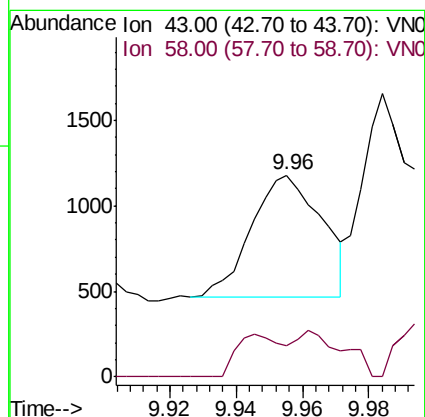
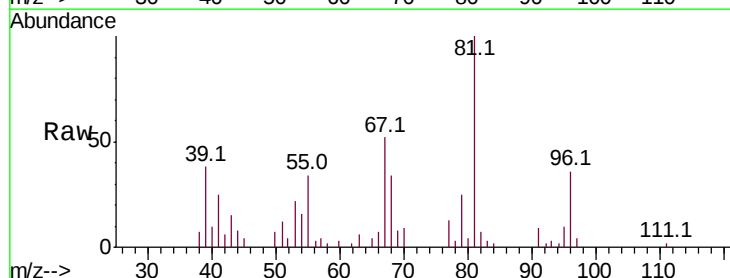
Acq: 29 Sep 2020 16:40

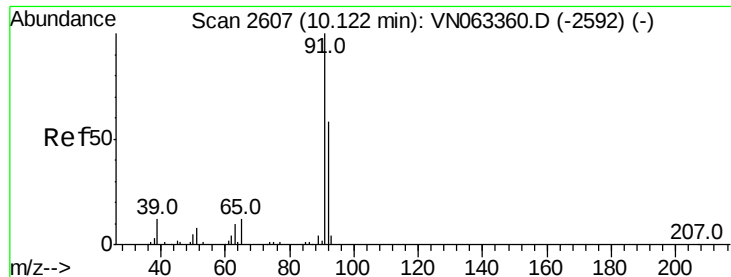
Tgt Ion: 43 Resp: 1056

Ion Ratio Lower Upper

43 100

58 25.3 29.0 43.6#





#52

Toluene

Concen: 1.167 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

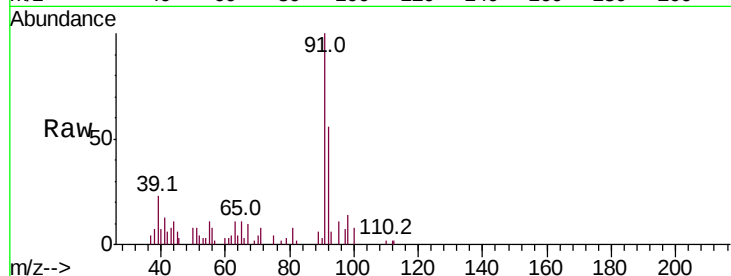
TP-4DL

Tot Ion: 92 Resp: 7770

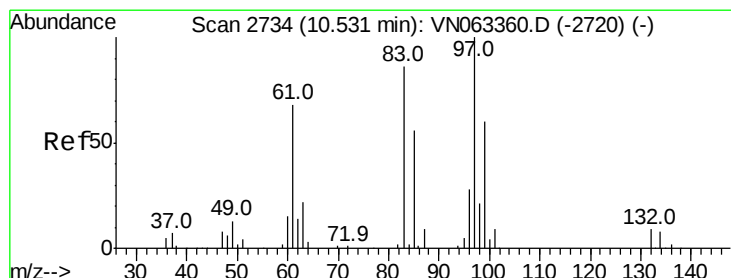
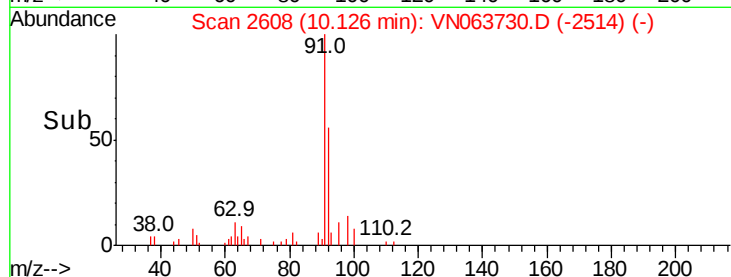
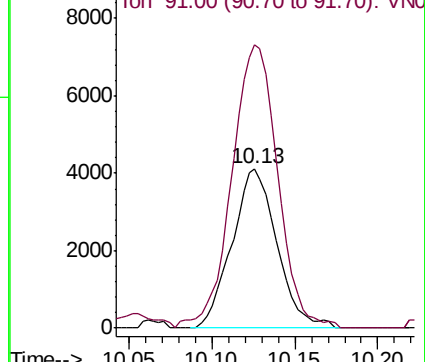
Ion Ratio Lower Upper

92 100

91 181.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063730.D (-2592) (-)



#55

1,1,2-Trichloroethane

Concen: 5.778 ug/l

RT: 10.51 min Scan# 2726

Delta R.T. -0.03 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Tgt Ion: 97 Resp: 15286

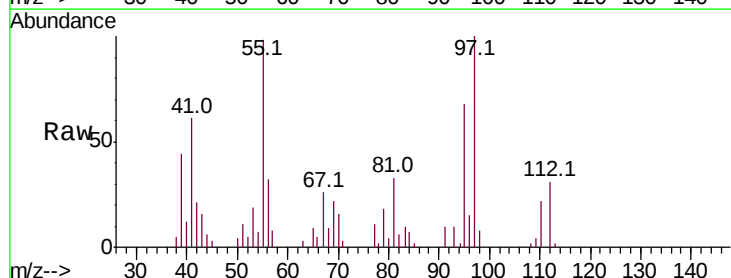
Ion Ratio Lower Upper

97 100

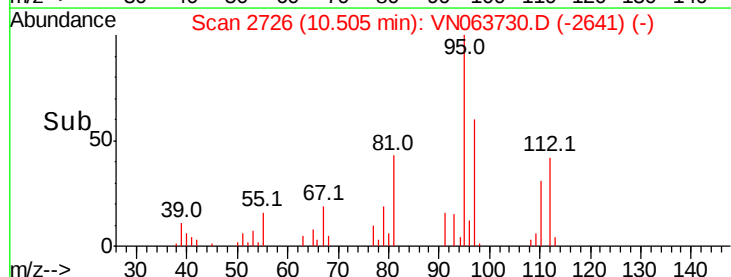
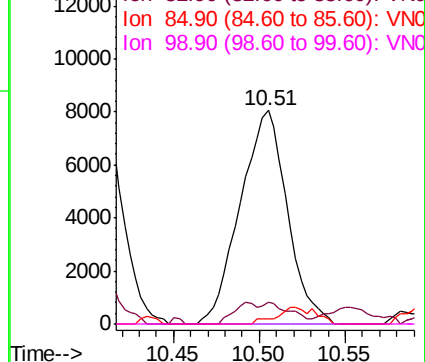
83 10.1 68.9 103.3#

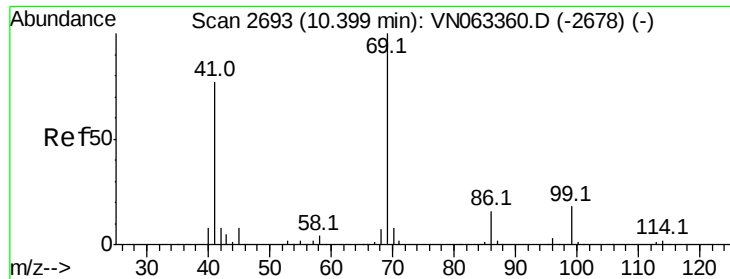
85 2.1 44.8 67.2#

99 0.0 47.8 71.8#



Abundance Ion 96.90 (96.60 to 97.60): VN063730.D (-2641) (-)





#56

Ethyl methacrylate

Concen: 1.632 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-4DL

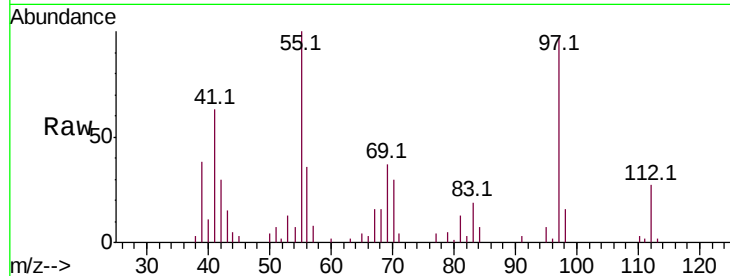
Tot Ion: 69 Resp: 6741

Ion Ratio Lower Upper

69 100

41 176.0 61.0 91.6#

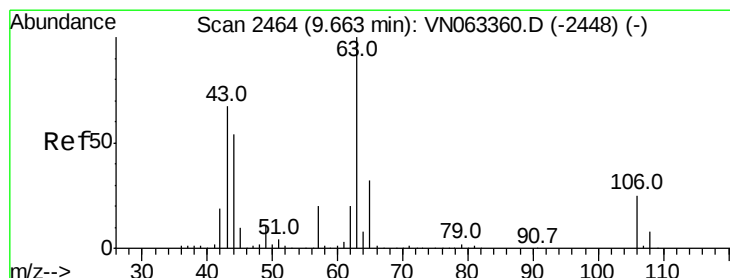
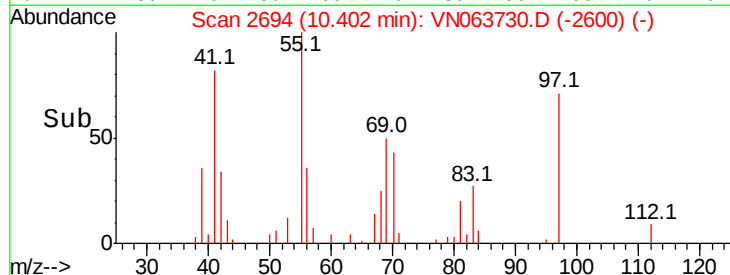
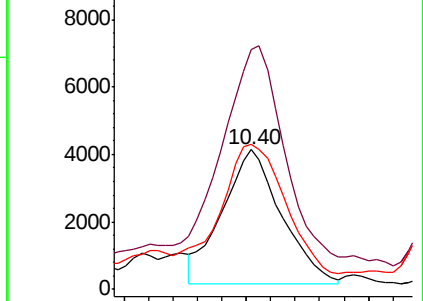
39 103.8 39.2 58.8#



Abundance Ion 69.00 (68.70 to 69.70): VN063730.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063730.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063730.D (-2600) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 0.252 ug/l

RT: 9.67 min Scan# 2466

Delta R.T. 0.01 min

Lab File: VN063730.D

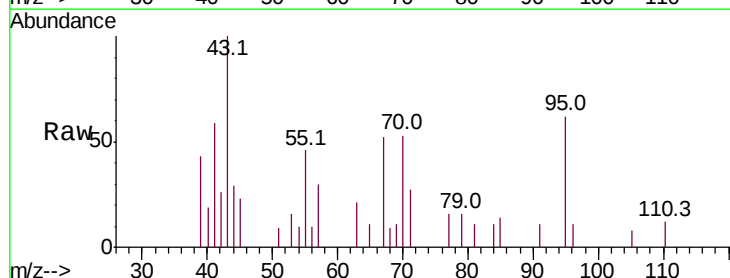
Acq: 29 Sep 2020 16:40

Tgt Ion: 63 Resp: 547

Ion Ratio Lower Upper

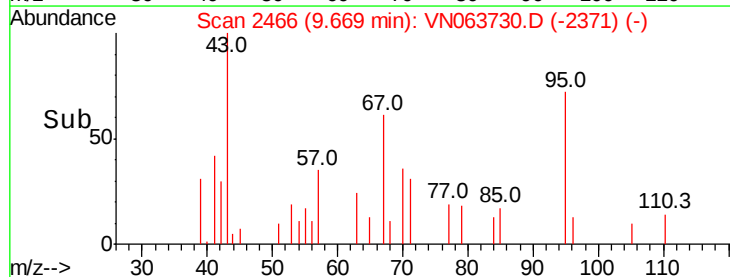
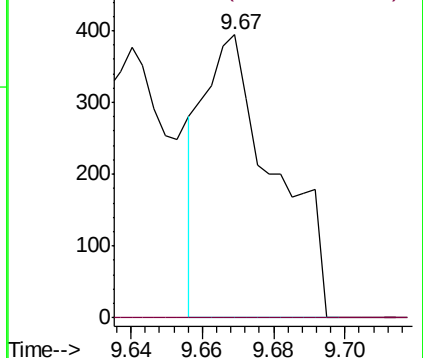
63 100

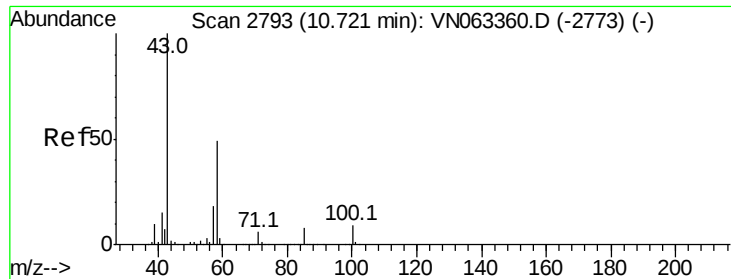
106 0.0 19.5 29.3#



Abundance Ion 62.90 (62.60 to 63.60): VN063730.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN063730.D (-2371) (-)

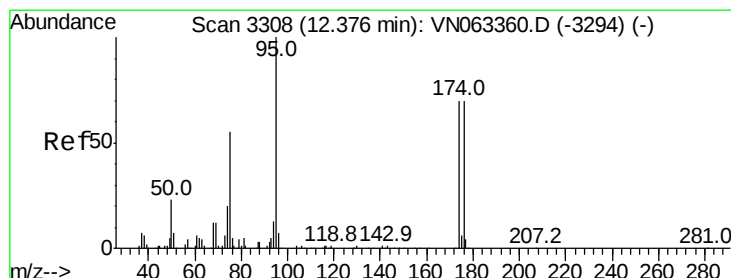
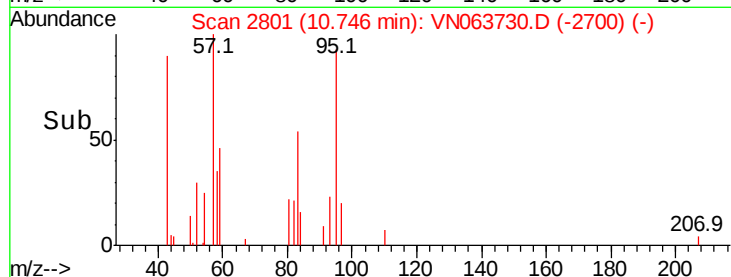
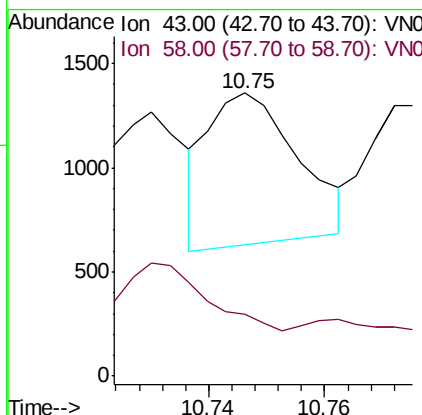
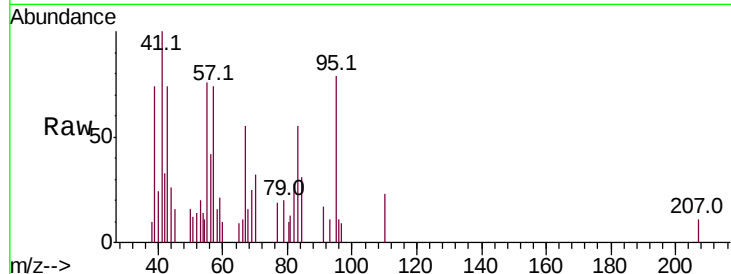




#59
2-Hexanone
Concen: 0.282 ug/l
RT: 10.75 min Scan# 2801
Delta R.T. 0.03 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

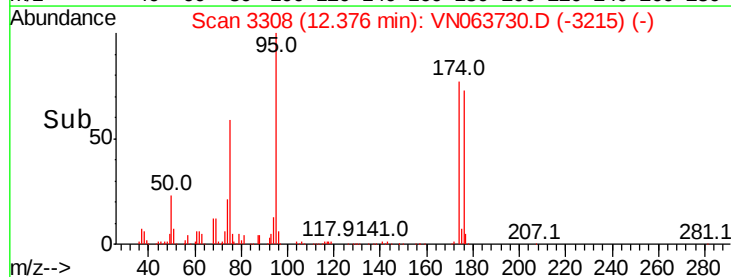
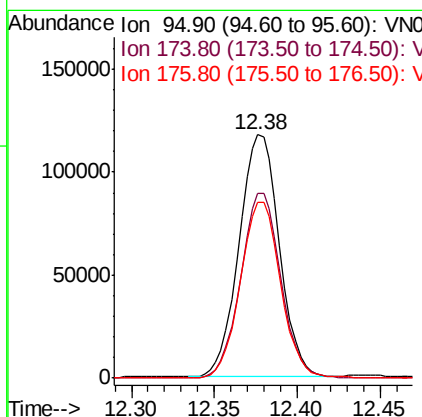
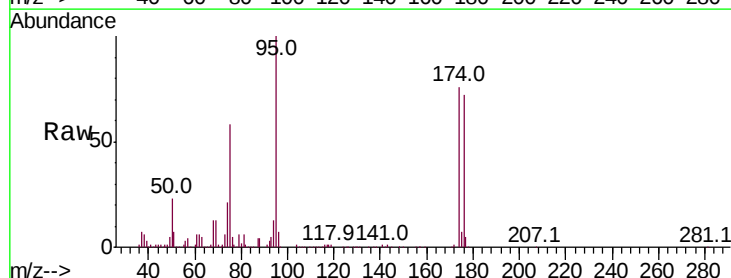
Instrument :
MSVOA_N
ClientSampled :
TP-4DL

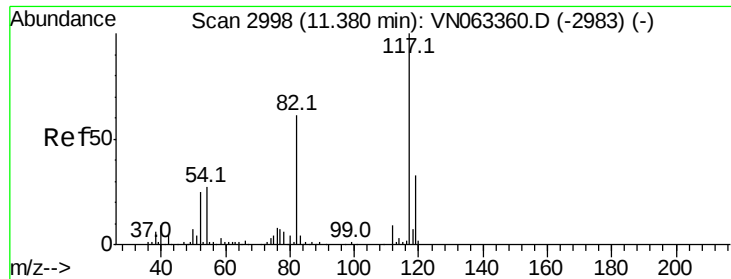
Tot Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 68.0 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 56.999 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

Tgt Ion: 95 Resp: 198127
Ion Ratio Lower Upper
95 100
174 76.1 0.0 140.8
176 72.8 0.0 137.6

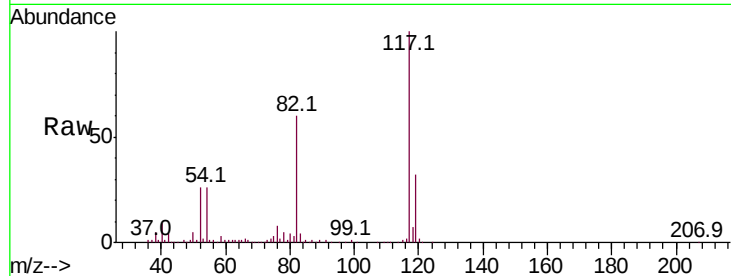




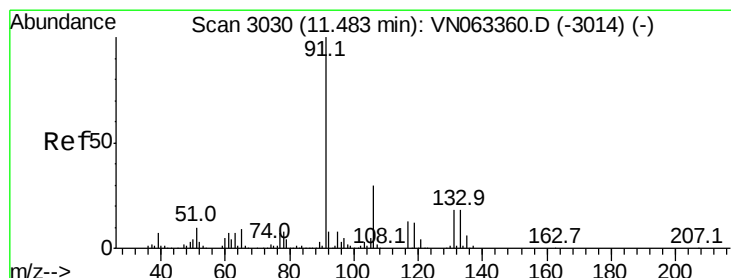
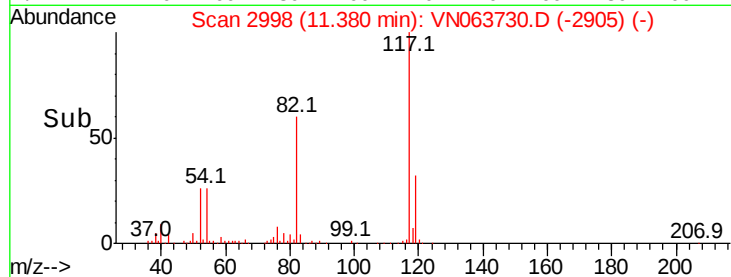
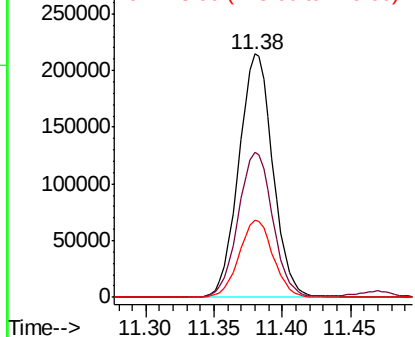
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
TP-4DL

Tot Ion:117 Resp: 372007
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 31.5 26.2 39.4

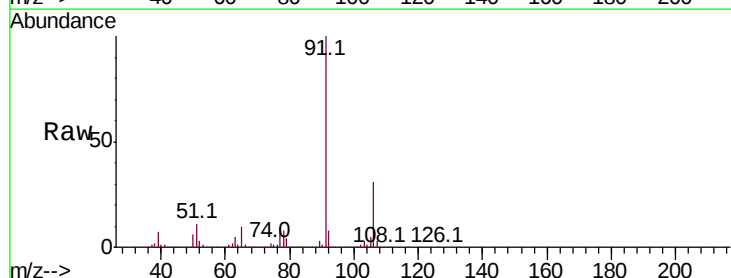


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

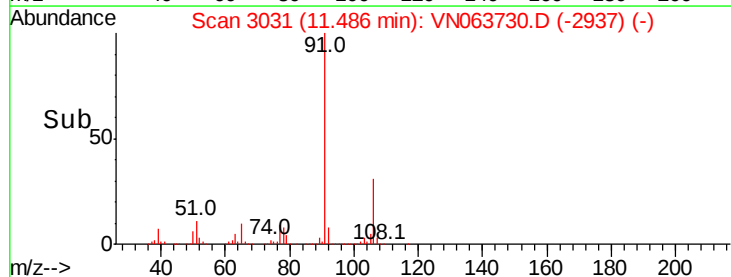
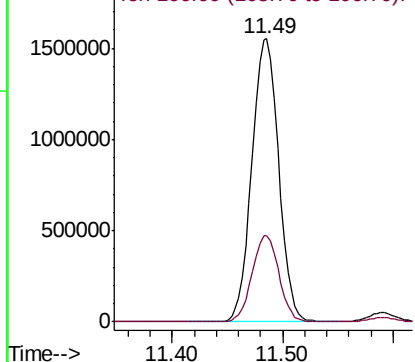


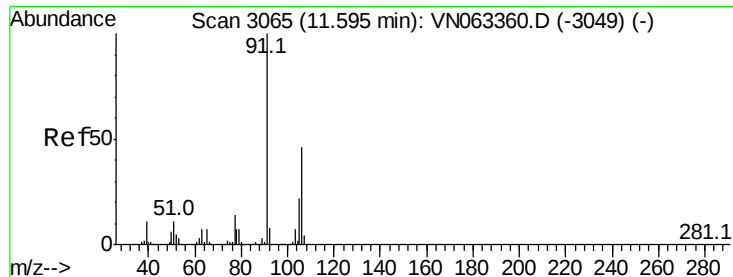
#67
Ethyl Benzene
Concen: 175.758 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

Tgt Ion: 91 Resp: 2613679
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 8.086 ug/l

RT: 11.59 min Scan# 3063

Delta R.T. -0.01 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

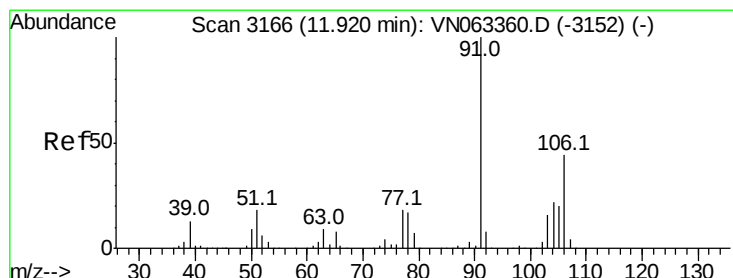
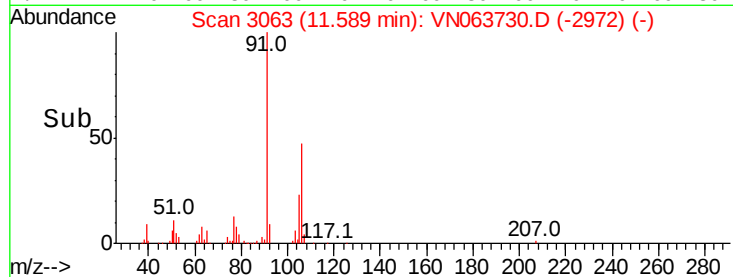
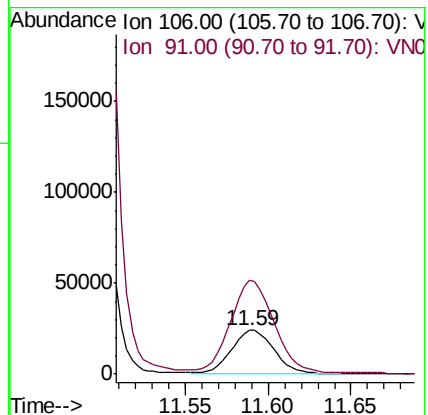
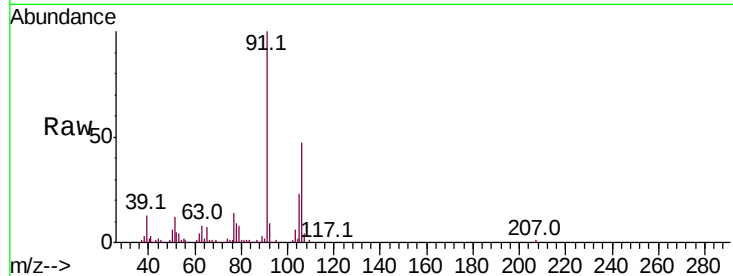
TP-4DL

Tot Ion:106 Resp: 43355

Ion Ratio Lower Upper

106 100

91 215.4 171.2 256.8



#69

o-Xylene

Concen: 0.669 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063730.D

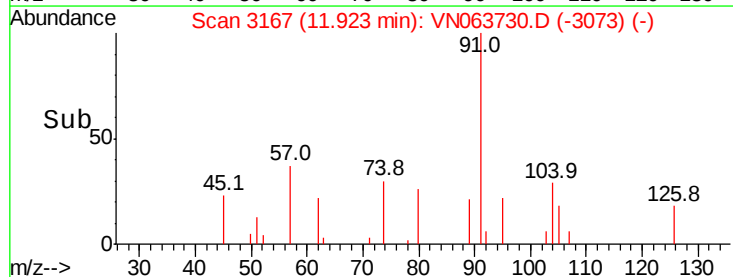
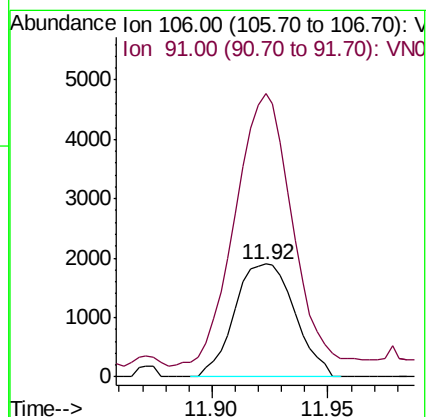
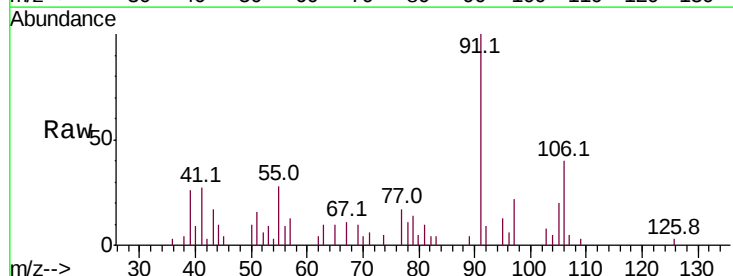
Acq: 29 Sep 2020 16:40

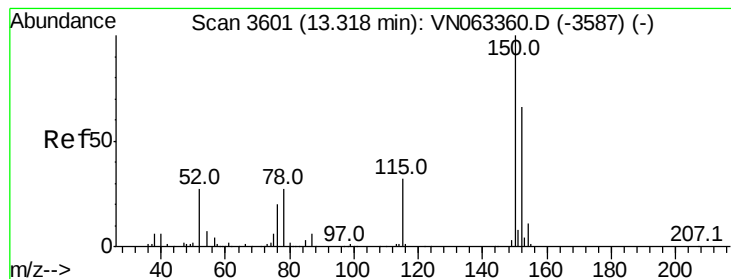
Tgt Ion:106 Resp: 3419

Ion Ratio Lower Upper

106 100

91 227.9 113.6 340.8



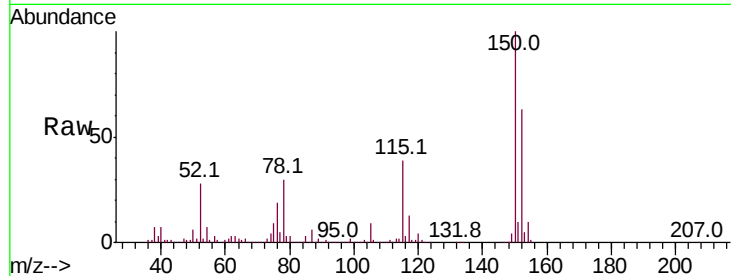


#72

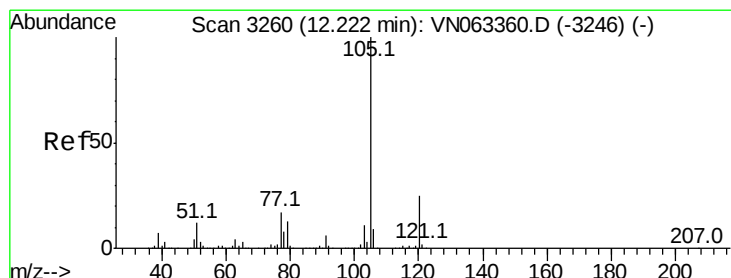
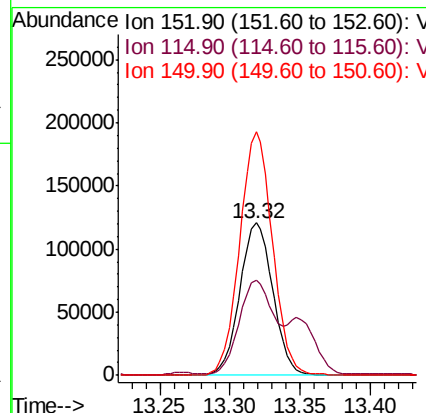
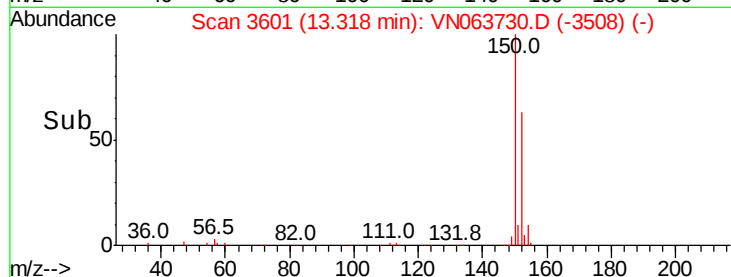
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
TP-4DL

Tot Ion:152 Resp: 198759
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 158.5 0.0 343.4



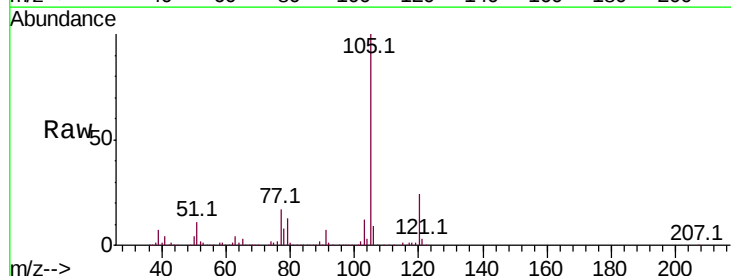
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



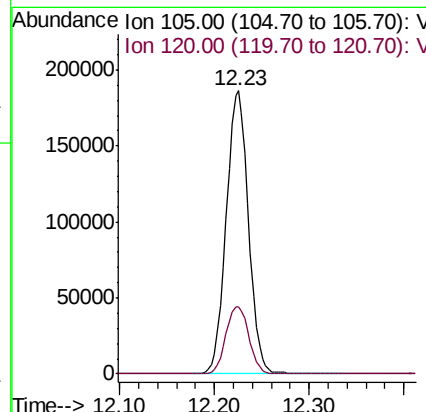
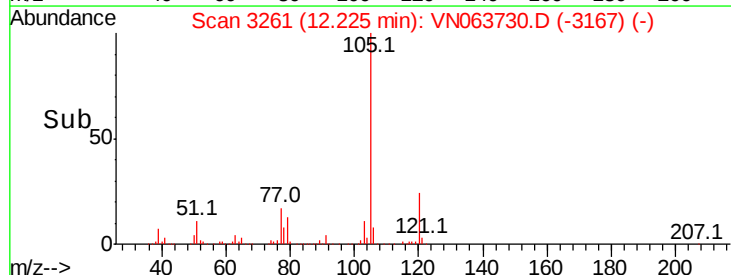
#73

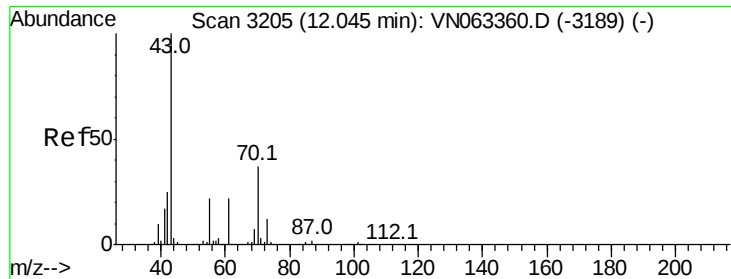
Isopropylbenzene
Concen: 19.023 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

Tgt Ion:105 Resp: 302980
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.353 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL

Tot Ion: 43 Resp: 2661

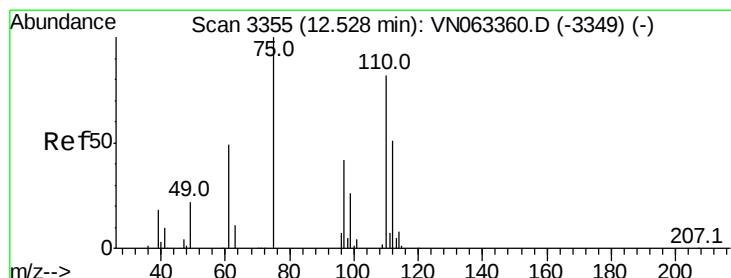
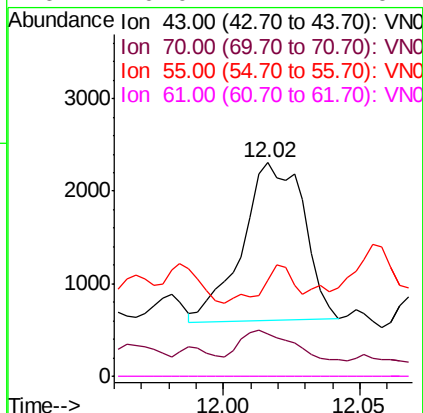
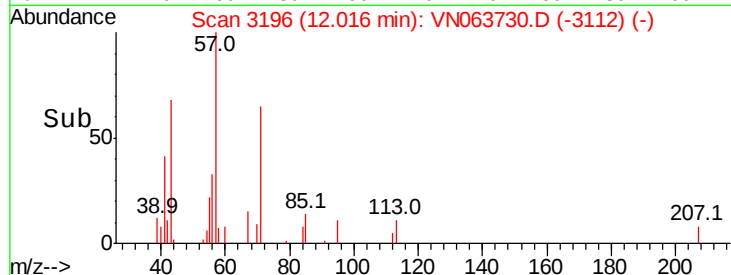
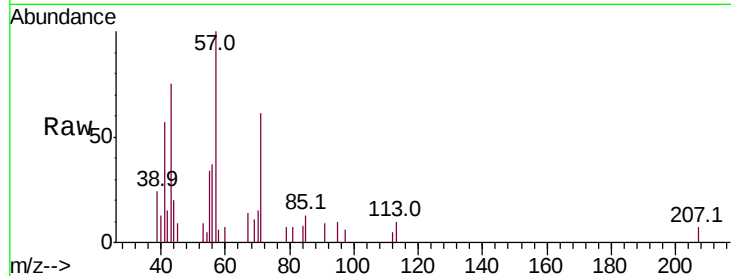
Ion Ratio Lower Upper

43 100

70 15.8 29.6 44.4#

55 11.2 17.7 26.5#

61 0.0 17.4 26.2#



#76

1,2,3-Trichloropropane

Concen: 1.566 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN063730.D

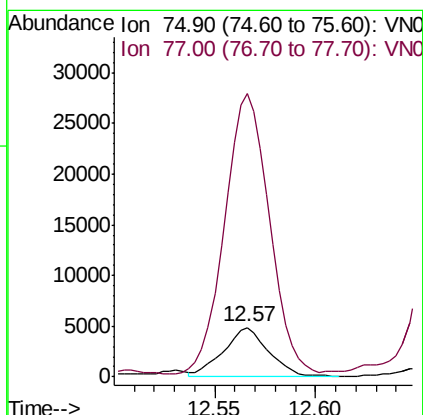
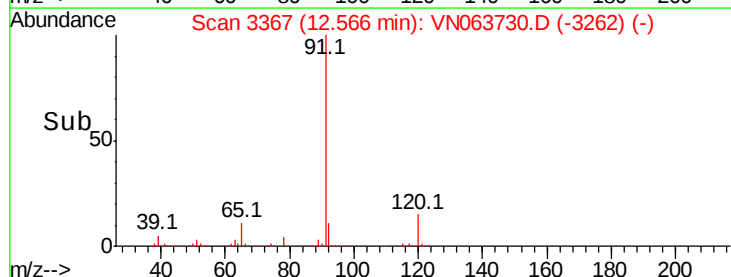
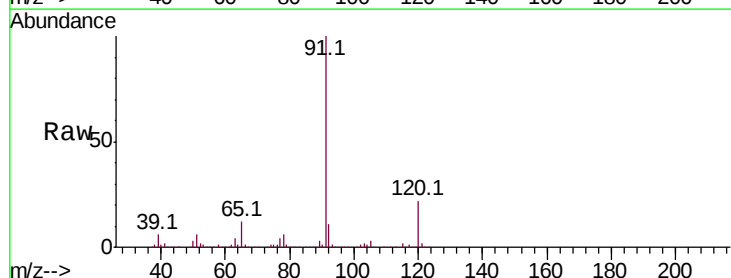
Acq: 29 Sep 2020 16:40

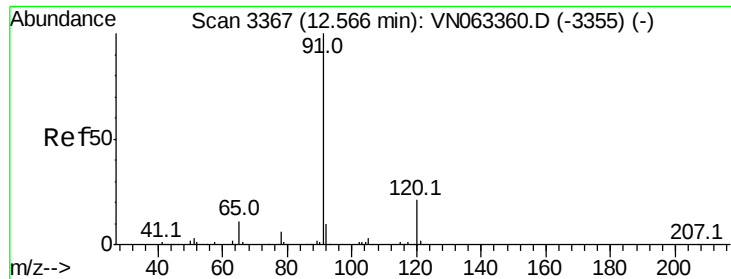
Tgt Ion: 75 Resp: 7702

Ion Ratio Lower Upper

75 100

77 558.3 0.0 0.0#





#78

n-propylbenzene

Concen: 55.400 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

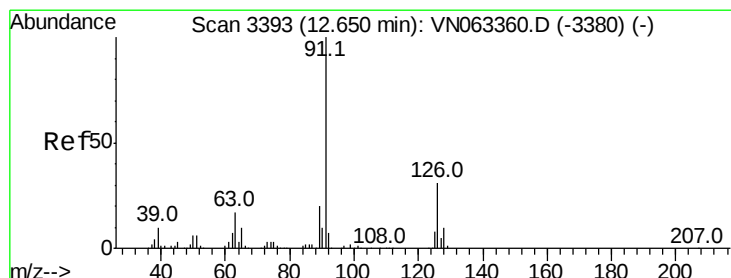
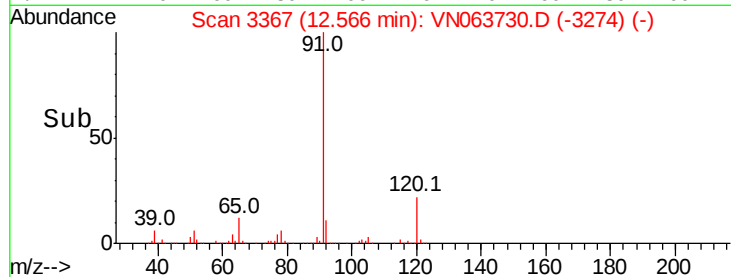
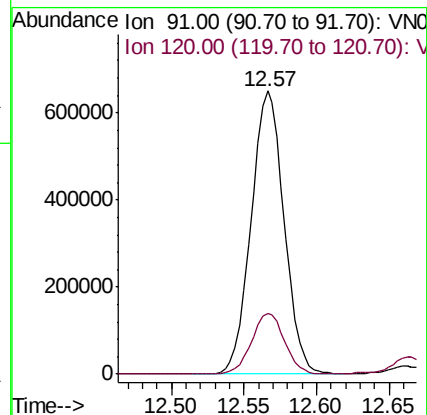
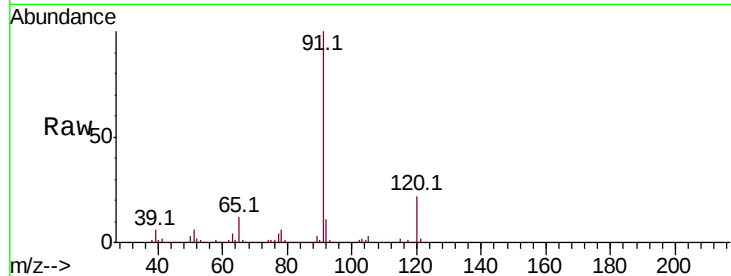
TP-4DL

Tot Ion: 91 Resp: 1027721

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.3



#79

2-Chlorotoluene

Concen: 2.798 ug/l

RT: 12.66 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN063730.D

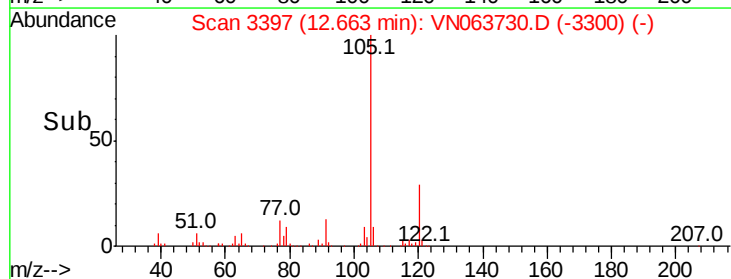
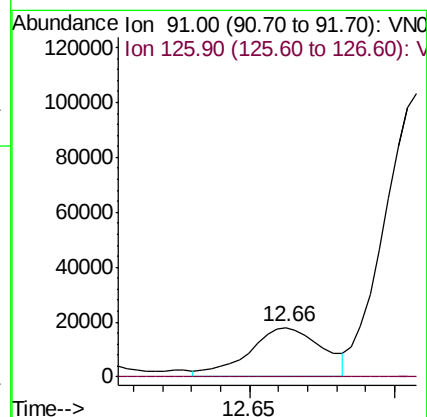
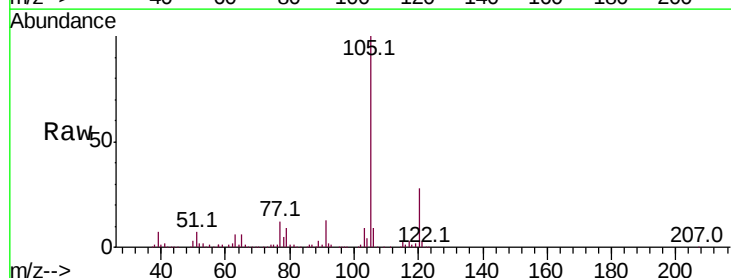
Acq: 29 Sep 2020 16:40

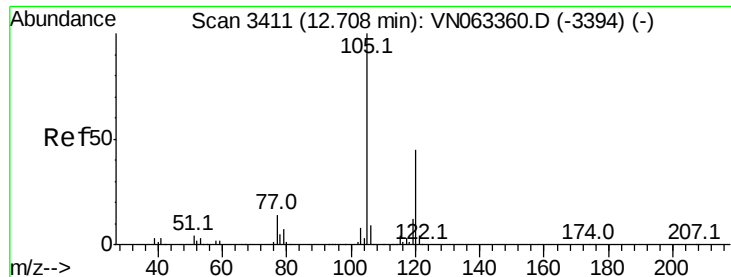
Tgt Ion: 91 Resp: 31117

Ion Ratio Lower Upper

91 100

126 1.4 15.8 47.3#





#80

1,3,5-Trimethylbenzene

Concen: 106.342 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

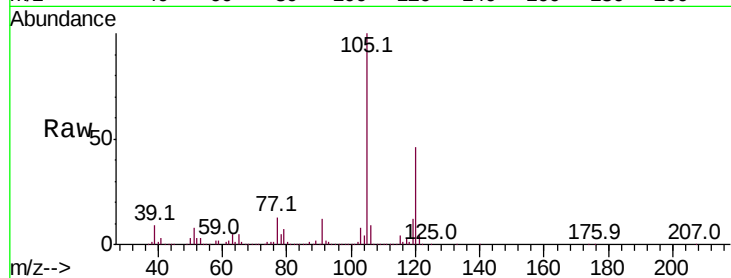
TP-4DL

Tot Ion:105 Resp: 1412376

Ion Ratio Lower Upper

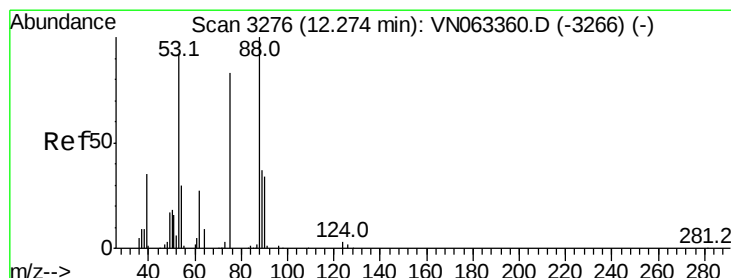
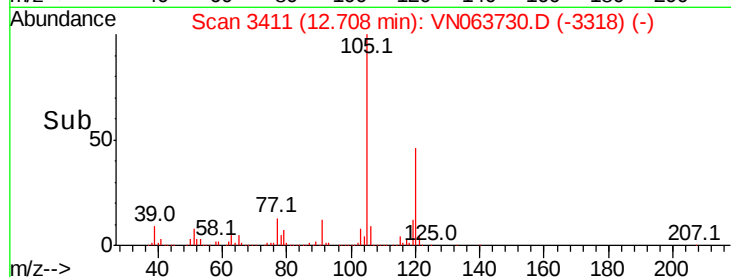
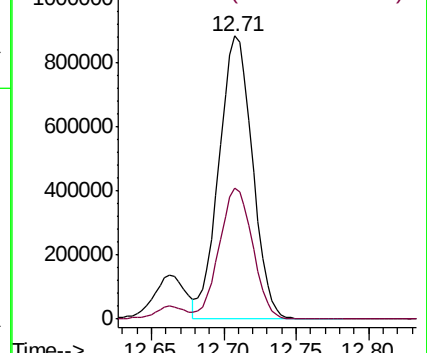
105 100

120 46.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 2.243 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.05 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

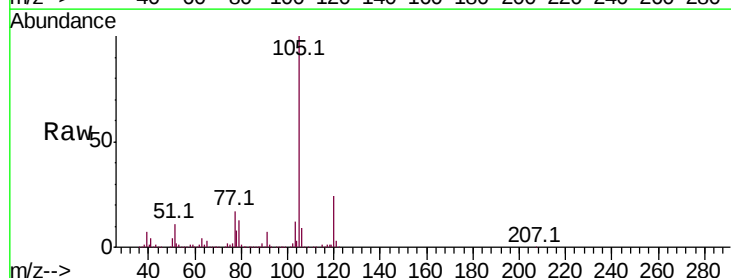
Tgt Ion: 75 Resp: 4025

Ion Ratio Lower Upper

75 100

53 103.5 85.7 128.5

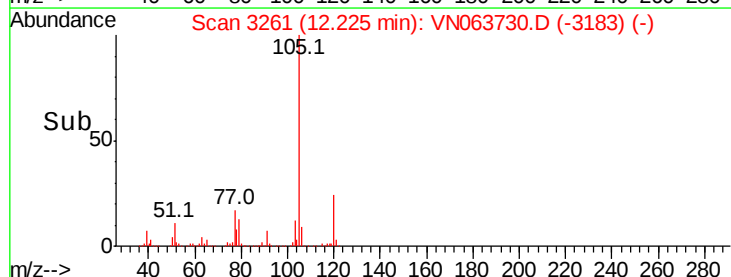
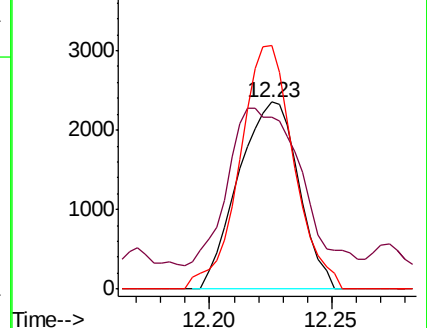
89 116.7 38.0 57.0#

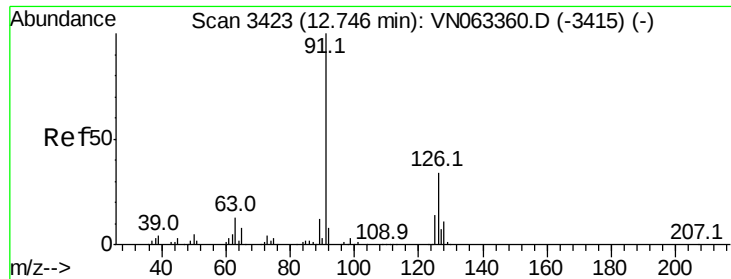


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

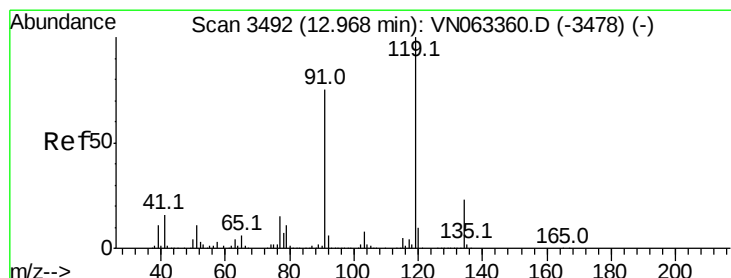
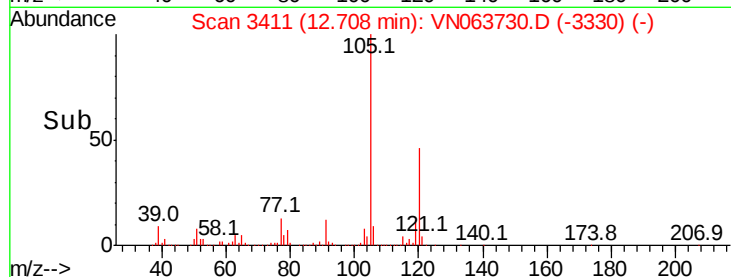
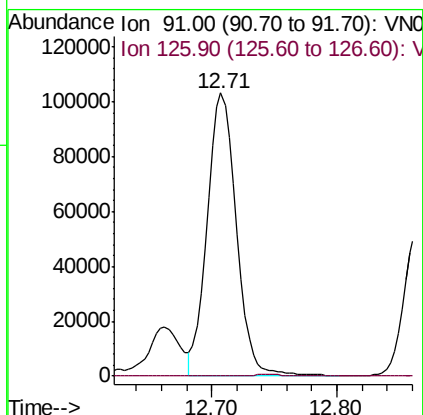
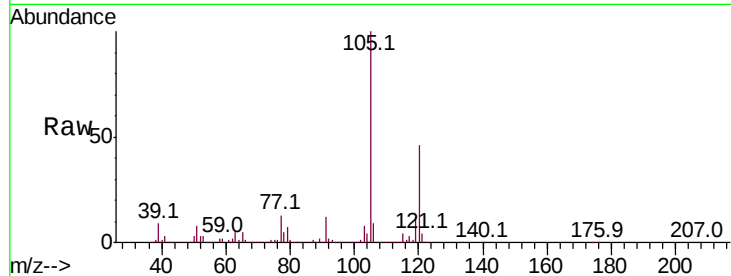




#82
4-Chlorotoluene
Concen: 14.048 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.04 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

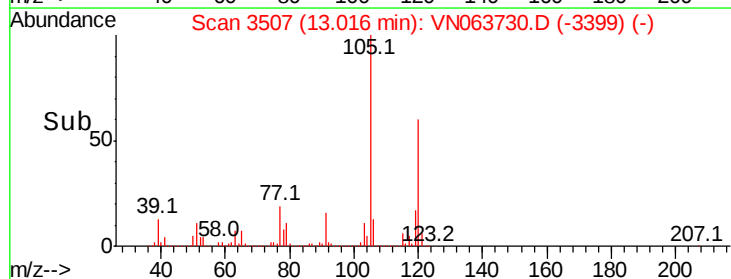
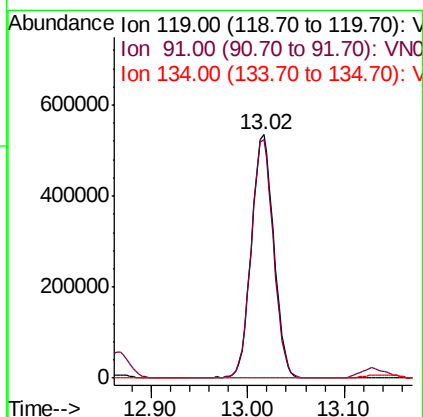
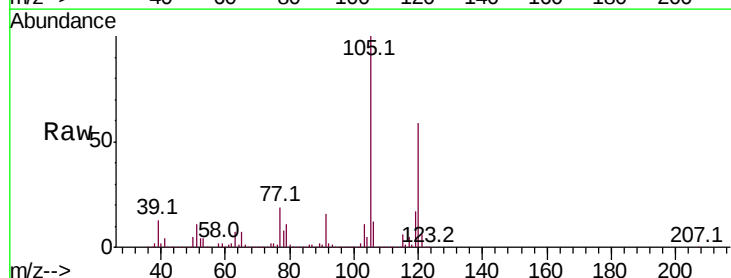
Instrument :
MSVOA_N
ClientSampleId :
TP-4DL

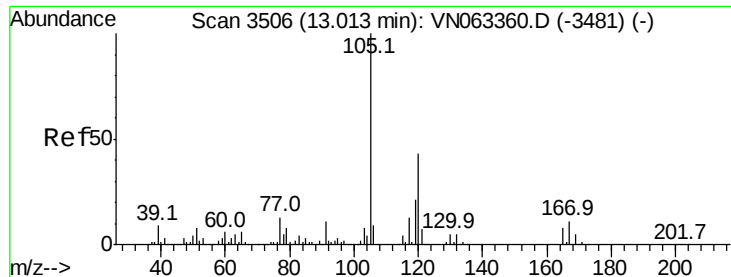
Tot Ion: 91 Resp: 165059
Ion Ratio Lower Upper
91 100
126 0.0 15.5 46.5#



#83
tert-Butylbenzene
Concen: 78.265 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.05 min
Lab File: VN063730.D
Acq: 29 Sep 2020 16:40

Tgt Ion: 119 Resp: 857922
Ion Ratio Lower Upper
119 100
91 98.0 36.3 108.9
134 0.0 12.3 36.8#

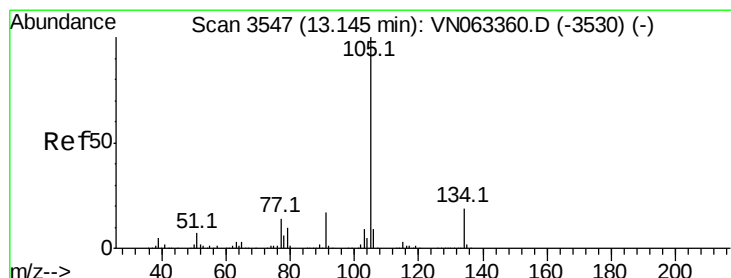
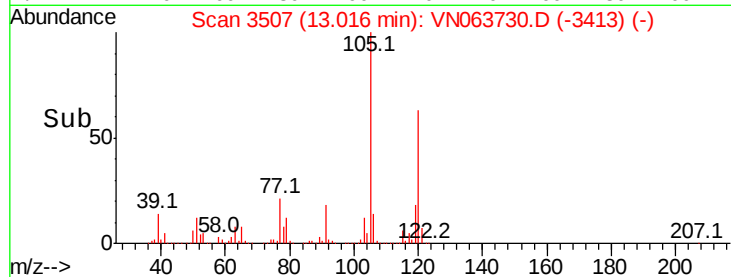
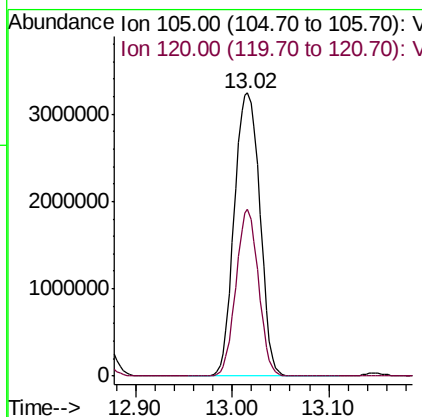
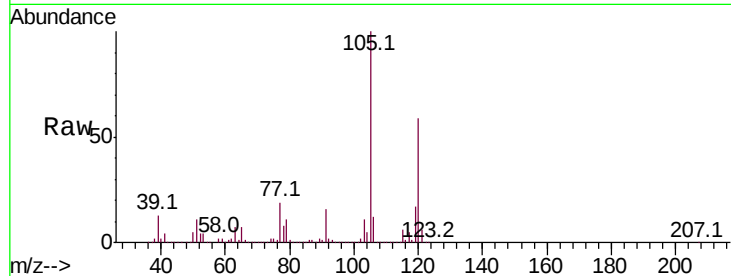




#84
 1,2,4-Trimethylbenzene
 Concen: 443.953 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063730.D
 Acq: 29 Sep 2020 16:40

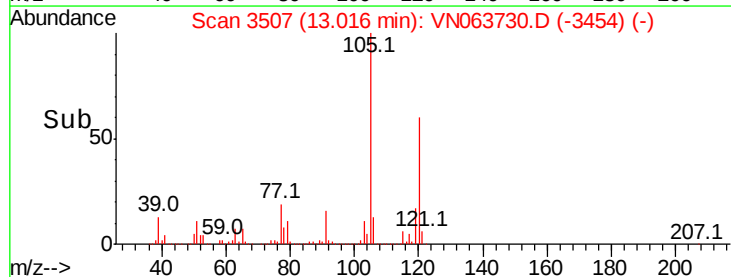
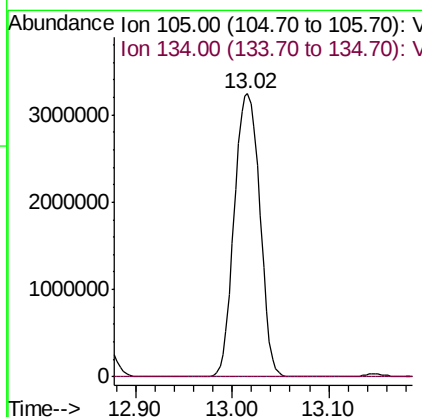
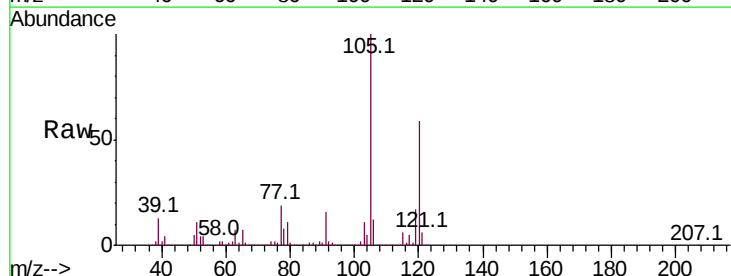
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4DL

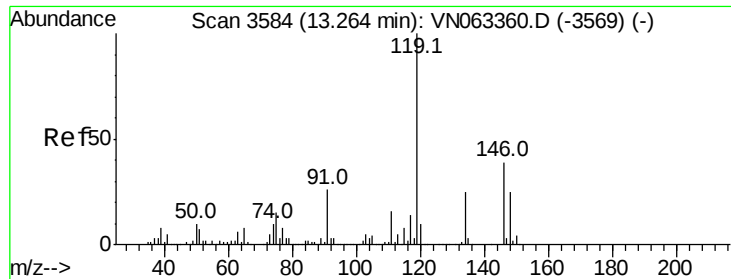
Tot Ion:105 Resp: 5955795
 Ion Ratio Lower Upper
 105 100
 120 52.1 21.3 63.9



#85
 sec-Butylbenzene
 Concen: 405.904 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.13 min
 Lab File: VN063730.D
 Acq: 29 Sep 2020 16:40

Tgt Ion:105 Resp: 5955795
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.7#

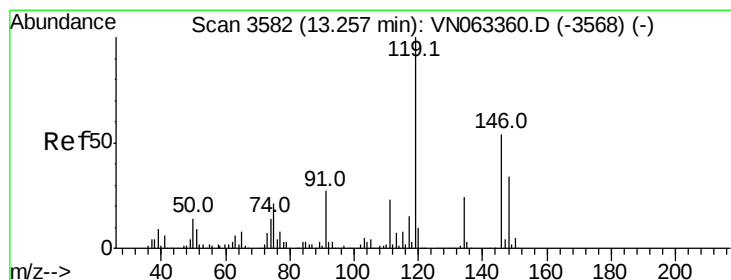
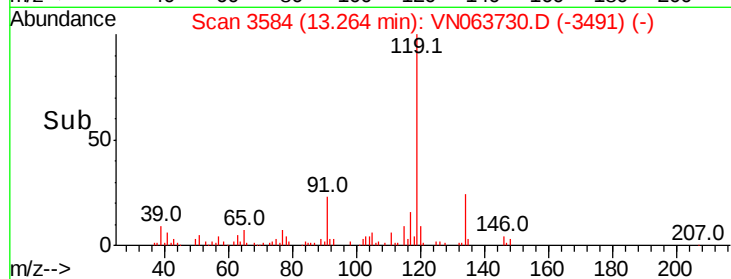
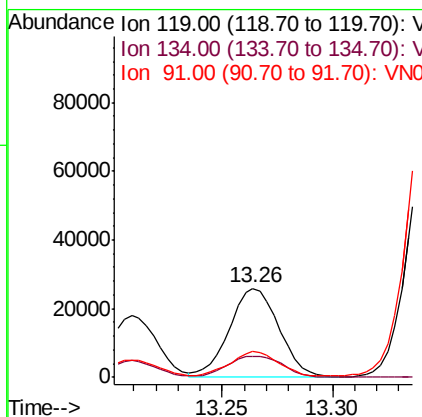
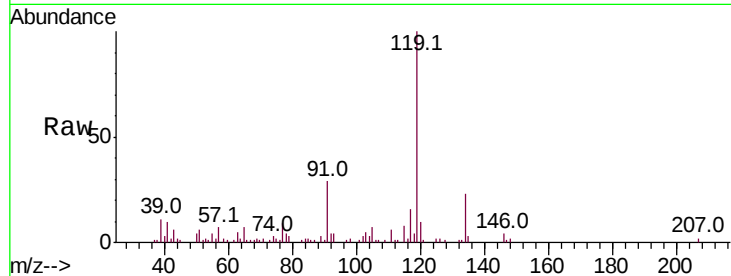




#86
 p-Isopropyltoluene
 Concen: 3.086 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063730.D
 Acq: 29 Sep 2020 16:40

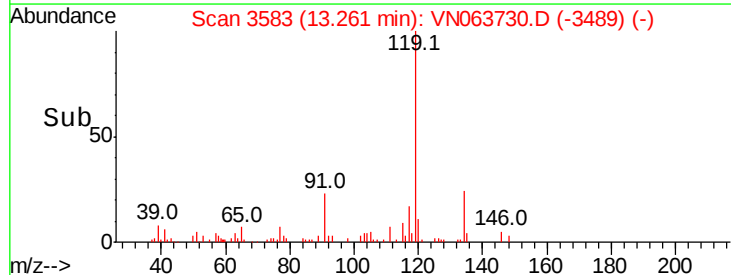
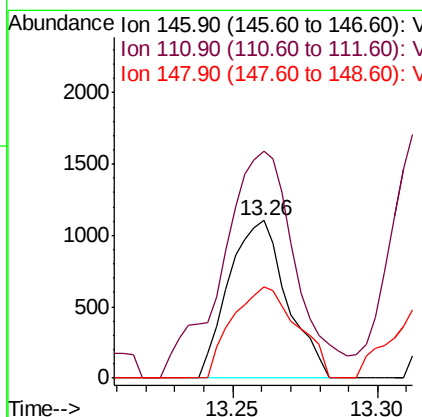
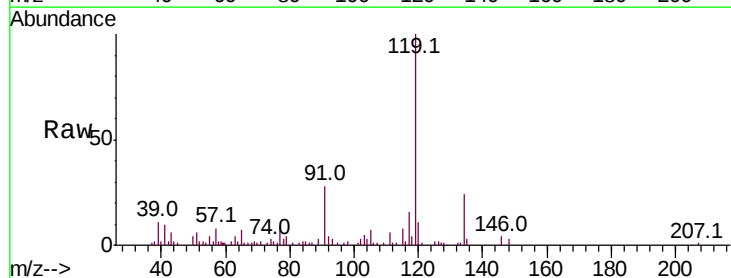
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4DL

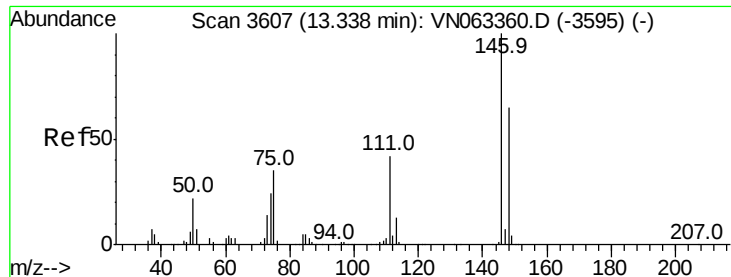
Tot Ion:119 Resp: 39933
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.5 37.5
 91 0.0 13.4 40.1#



#87
 1,3-Dichlorobenzene
 Concen: 0.231 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063730.D
 Acq: 29 Sep 2020 16:40

Tgt Ion:146 Resp: 1532
 Ion Ratio Lower Upper
 146 100
 111 182.5 21.4 64.3#
 148 65.0 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 0.297 ug/l

RT: 13.33 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-4DL

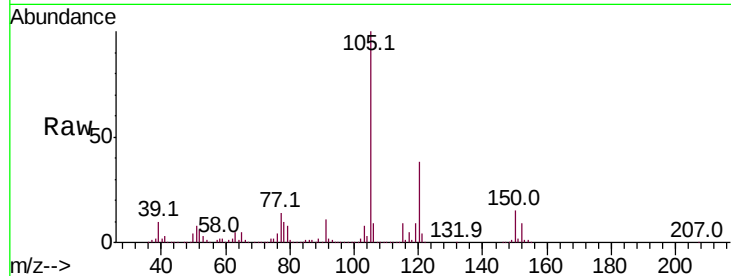
Tot Ion:146 Resp: 2004

Ion Ratio Lower Upper

146 100

111 225.2 21.2 63.6#

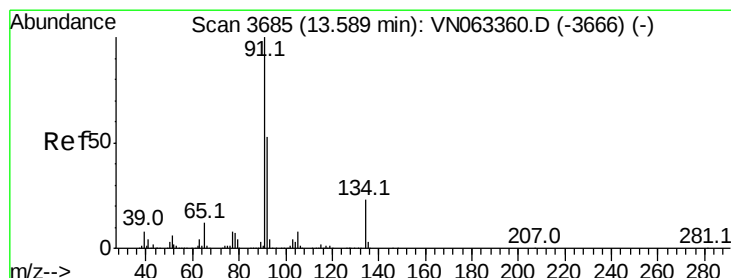
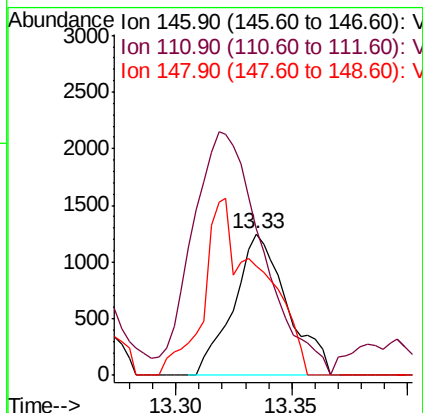
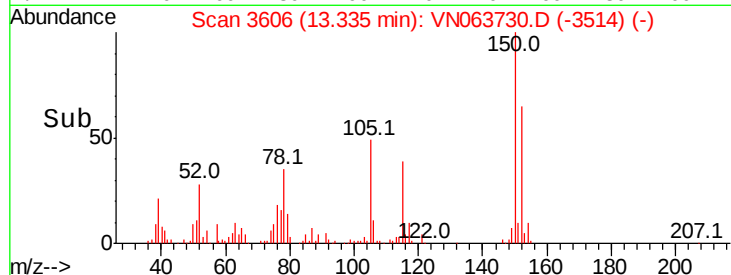
148 77.1 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 3.056 ug/l

RT: 13.56 min Scan# 3676

Delta R.T. -0.03 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

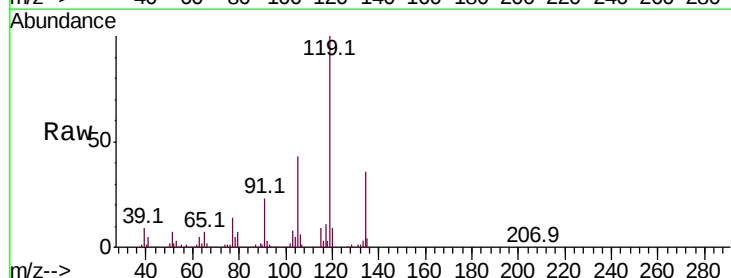
Tgt Ion: 91 Resp: 36450

Ion Ratio Lower Upper

91 100

92 0.0 26.0 78.0#

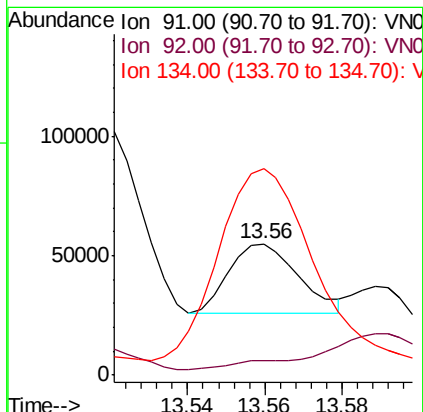
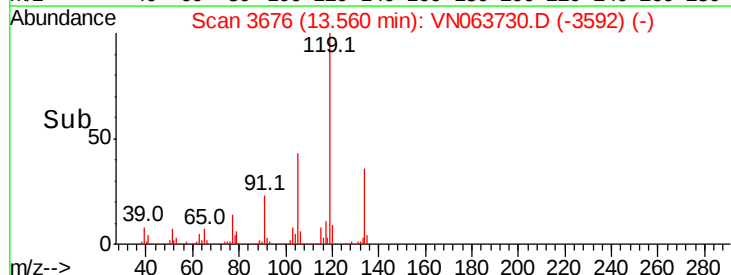
134 432.7 11.7 35.0#

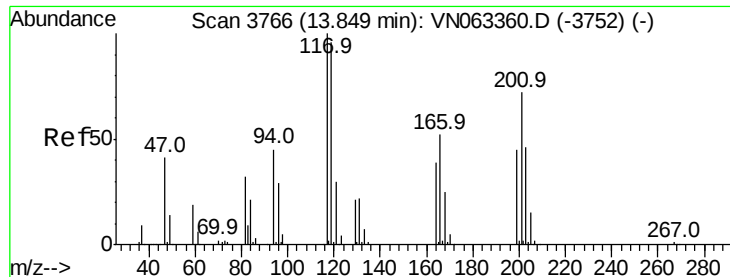


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 16.276 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

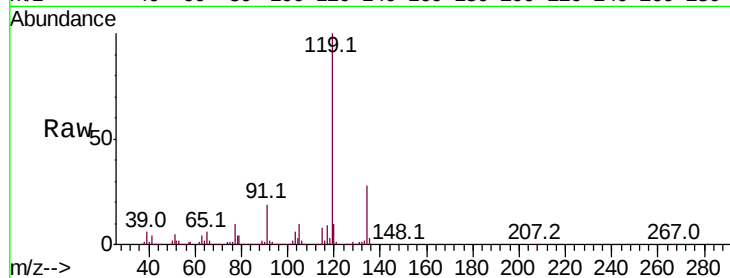
TP-4DL

Tot Ion:117 Resp: 40108

Ion Ratio Lower Upper

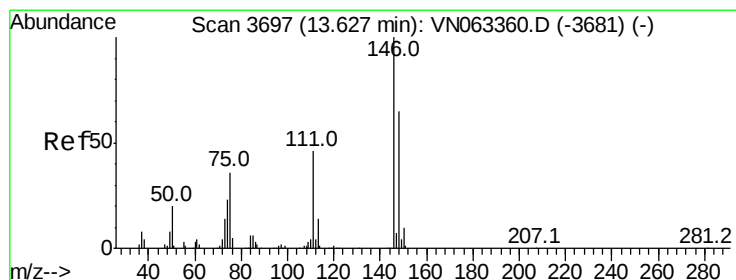
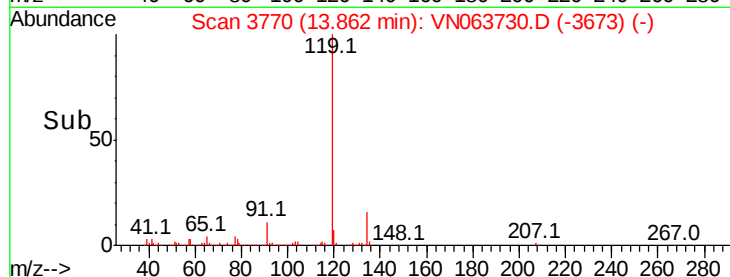
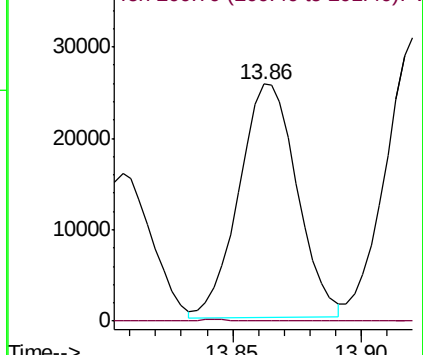
117 100

201 0.3 35.5 106.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.242 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

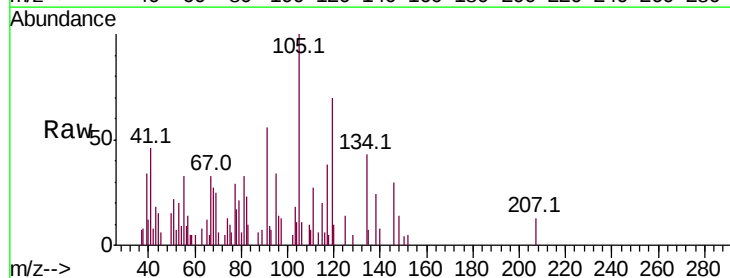
Tgt Ion:146 Resp: 1578

Ion Ratio Lower Upper

146 100

111 111.7 22.4 67.2#

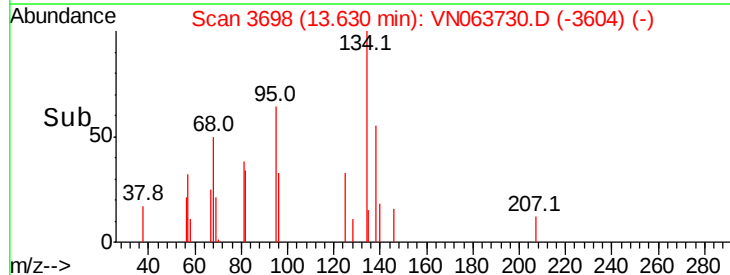
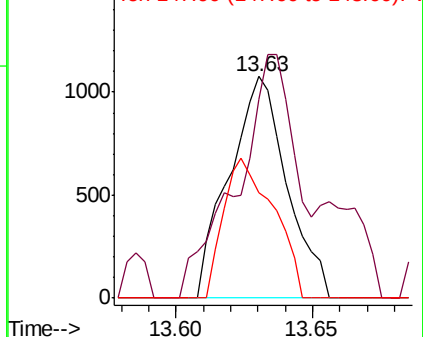
148 55.1 32.0 96.0

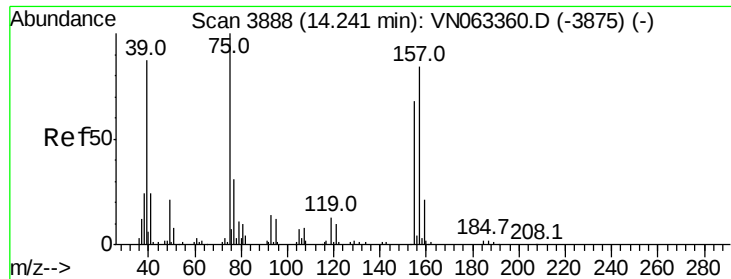


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.785 ug/l

RT: 14.23 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-4DL

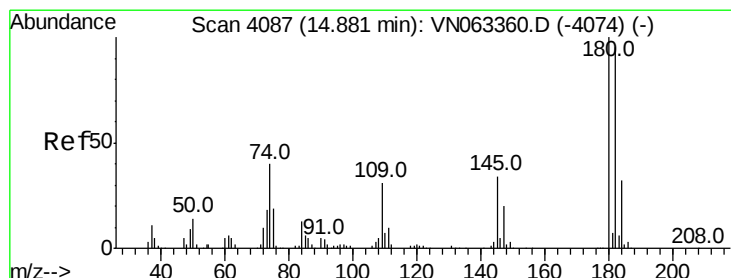
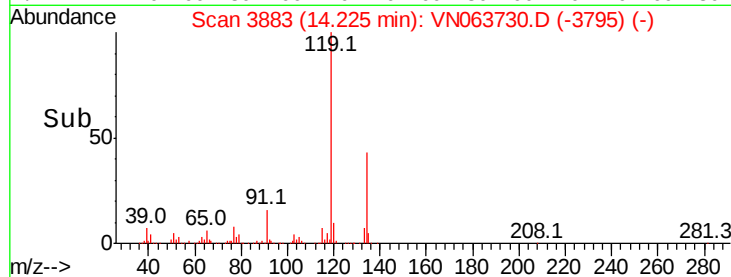
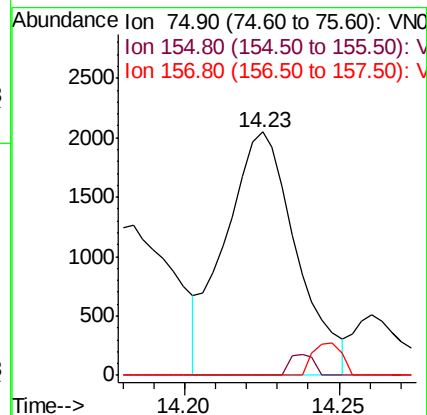
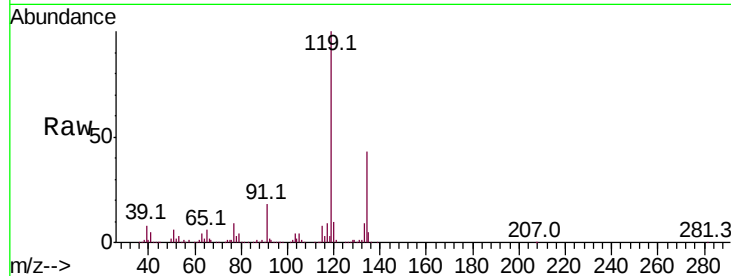
Tot Ion: 75 Resp: 3270

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

157 0.0 43.7 131.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.756 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

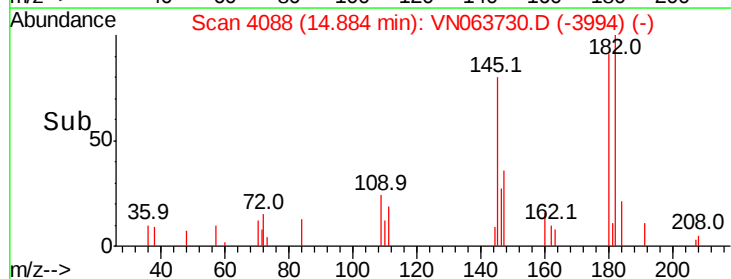
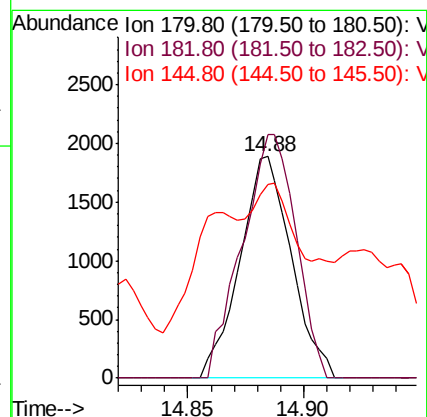
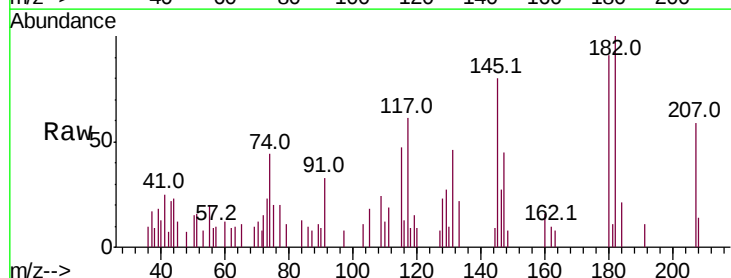
Tgt Ion:180 Resp: 2907

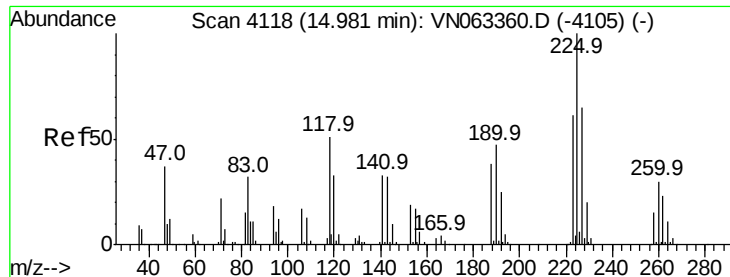
Ion Ratio Lower Upper

180 100

182 114.8 47.3 142.0

145 0.0 16.6 49.7#





#94

Hexachlorobutadiene

Concen: 1.098 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL

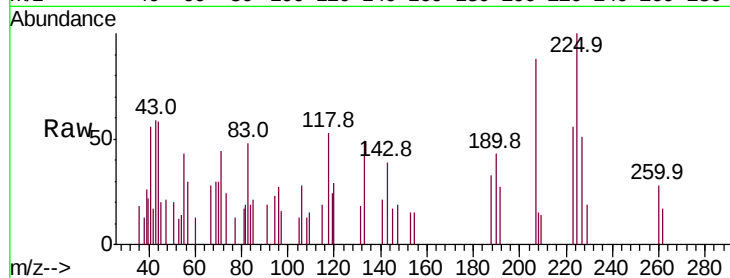
Tot Ion:225 Resp: 1747

Ion Ratio Lower Upper

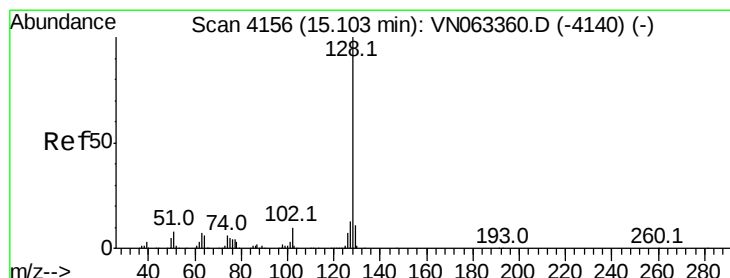
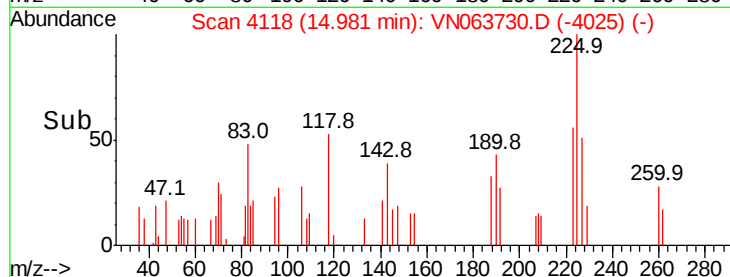
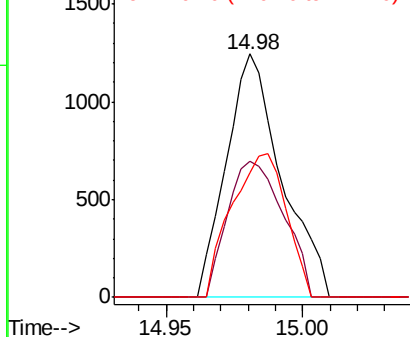
225 100

223 56.9 30.6 91.6

227 58.6 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 64.701 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063730.D

Acq: 29 Sep 2020 16:40

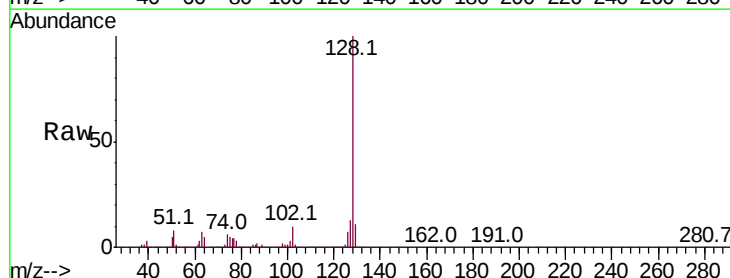
Tgt Ion:128 Resp: 821583

Ion Ratio Lower Upper

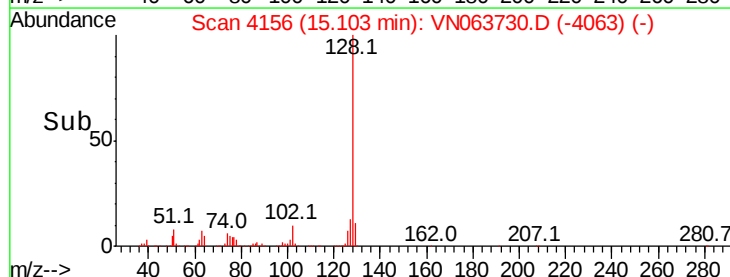
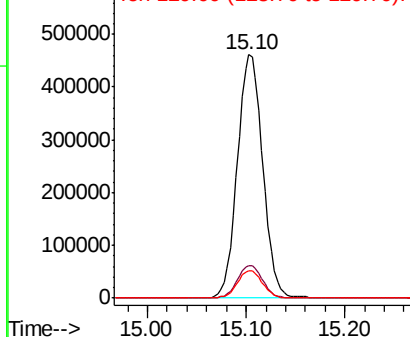
128 100

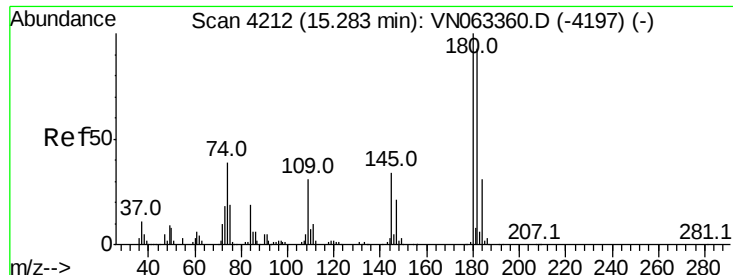
127 13.3 10.6 15.8

129 11.3 8.8 13.2



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





#96
 1,2,3-Trichlorobenzene
 Concen: 1.063 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063730.D
 Acq: 29 Sep 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4DL

Tot Ion:180 Resp: 3948
 Ion Ratio Lower Upper
 180 100
 182 106.0 46.7 140.1
 145 0.0 16.8 50.3#

