

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051319\
 Data File : VN055567.D
 Acq On : 13 May 2019 10:04
 Operator : JC/SP
 Sample : VN0513MBL01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBL01

Quant Time: May 14 01:46:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

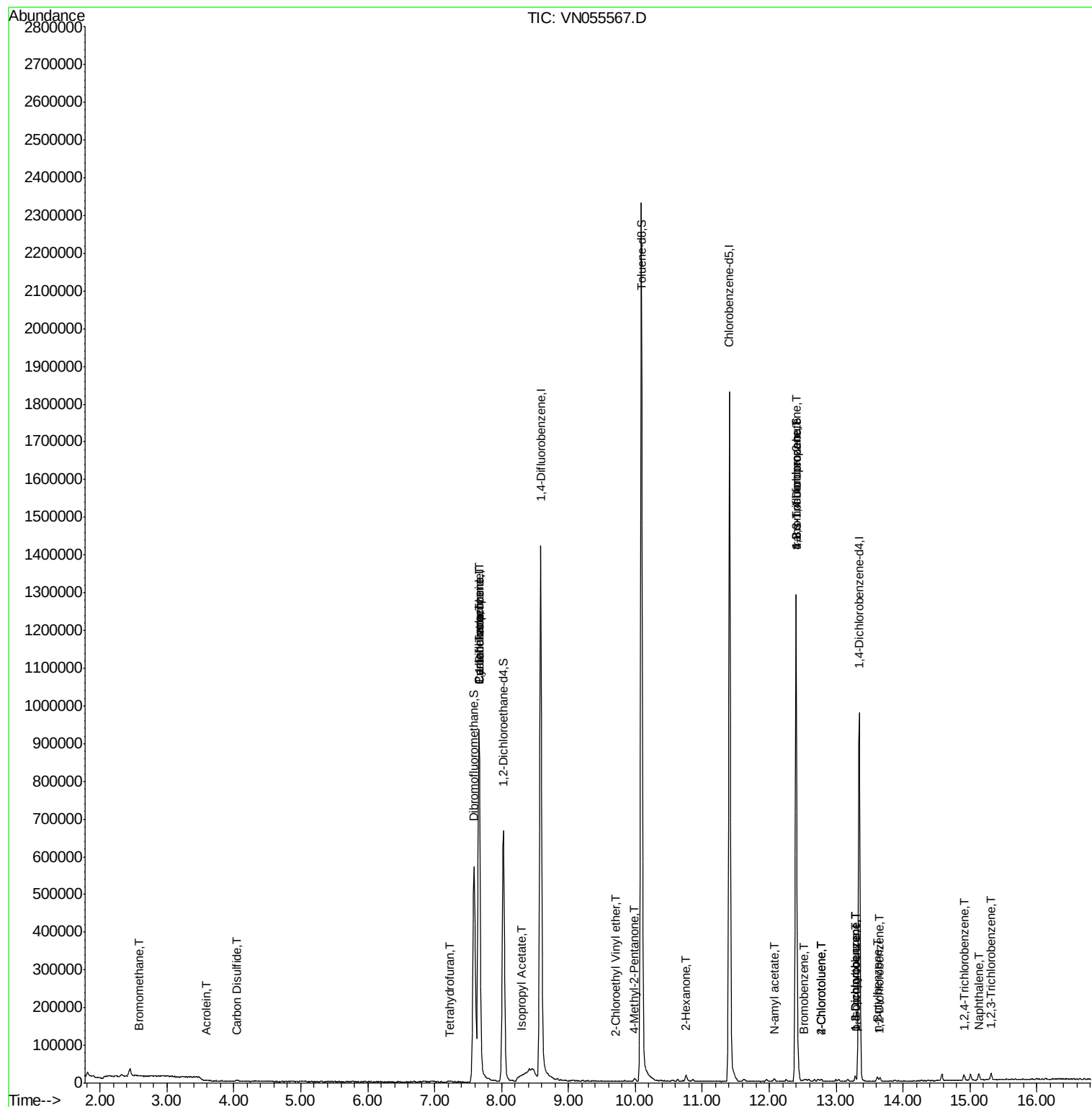
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	789356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1321316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1082583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	570202	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.59	113	451263	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	10.09	98	1709747	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	468688	41.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.70%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.58	94	1598	0.237	ug/l	95
13) Acrolein	3.60	56	1310	1.120	ug/l #	66
17) Carbon Disulfide	4.04	76	6343	0.269	ug/l	100
18) Methyl Acetate	4.34	43	1637	Below Cal	#	57
29) Tetrahydrofuran	7.23	42	1433	0.285	ug/l #	52
31) Cyclohexane	7.66	56	16694	0.870	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	63672	4.891	ug/l #	50
38) Carbon Tetrachloride	7.66	117	75460	6.884	ug/l #	16
43) Isopropyl Acetate	8.30	43	21814	1.011	ug/l #	63
51) 4-Methyl-2-Pentanone	9.99	43	6294	0.444	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.71	63	321	12.577	ug/l #	52
59) 2-Hexanone	10.75	43	12987	1.305	ug/l	98
73) Isopropylbenzene	12.25	105	2698	Below Cal		83
74) N-amyl acetate	12.08	43	5566	0.538	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	1598	Below Cal	#	85
76) 1,2,3-Trichloropropane	12.40	75	233971	31.523	ug/l #	100
77) Bromobenzene	12.53	156	1212	0.202	ug/l	85
79) 2-Chlorotoluene	12.77	91	3945	0.216	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	233971	116.316	ug/l #	7
82) 4-Chlorotoluene	12.77	91	3945	0.229	ug/l	87
86) p-Isopropyltoluene	13.29	119	4475	0.221	ug/l	94
87) 1,3-Dichlorobenzene	13.28	146	3826	0.412	ug/l	91
88) 1,4-Dichlorobenzene	13.28	146	3826	0.418	ug/l	90
89) n-Butylbenzene	13.62	91	7242	0.462	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	4335	0.467	ug/l	94
93) 1,2,4-Trichlorobenzene	14.90	180	4364	4.216	ug/l	98
94) Hexachlorobutadiene	15.01	225	2827	Below Cal		98
95) Naphthalene	15.13	128	14663	4.151	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	5997	3.727	ug/l	99

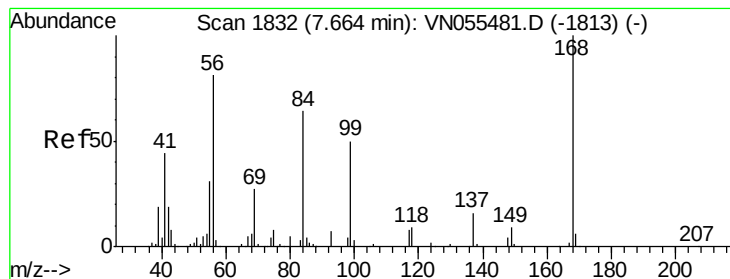
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN051319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

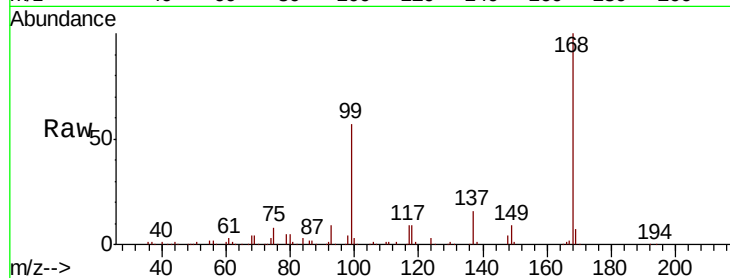
VN0513MBL01

Tot Ion:168 Resp: 789356

Ion Ratio Lower Upper

168 100

99 57.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055567.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055567.D (-1739) (-)

7.66

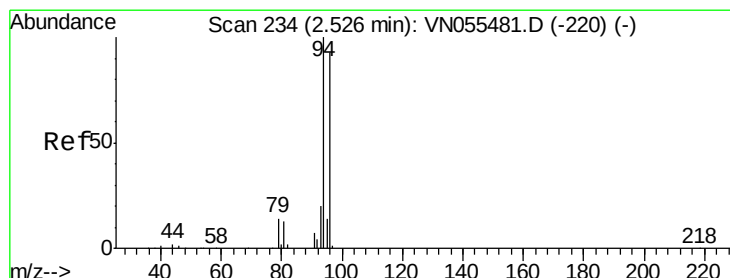
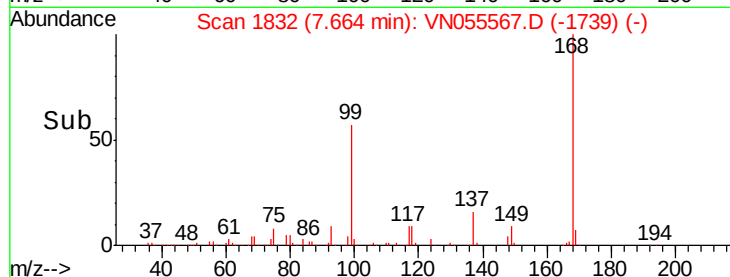
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.237 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.05 min

Lab File: VN055567.D

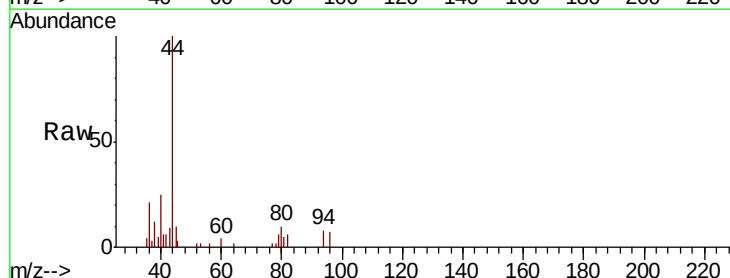
Acq: 13 May 2019 10:04

Tgt Ion: 94 Resp: 1598

Ion Ratio Lower Upper

94 100

96 88.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN055567.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN055567.D (-141) (-)

2.58

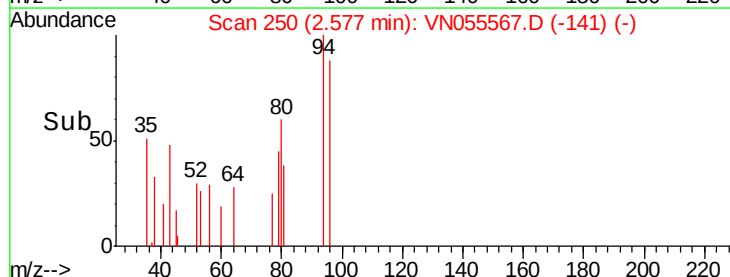
600

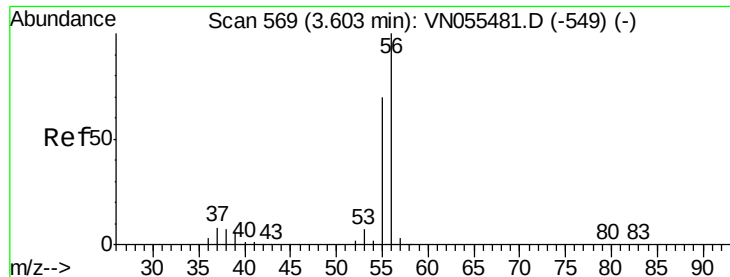
400

200

0

Time-->





#13

Acrolein

Concen: 1.120 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

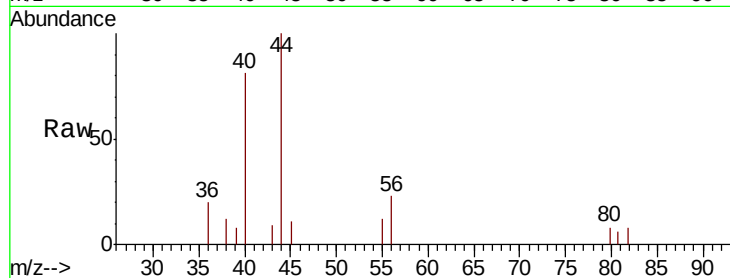
VN0513MBL01

Tot Ion: 56 Resp: 1310

Ion Ratio Lower Upper

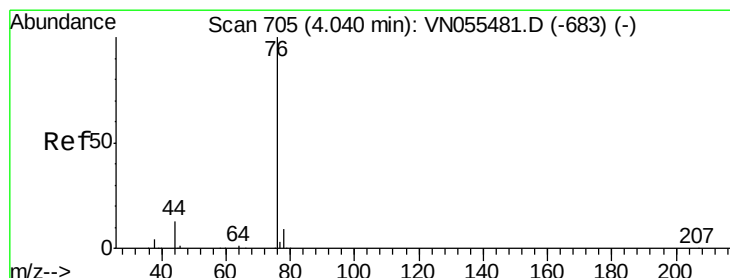
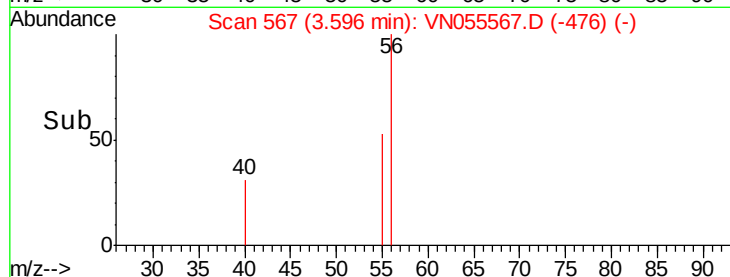
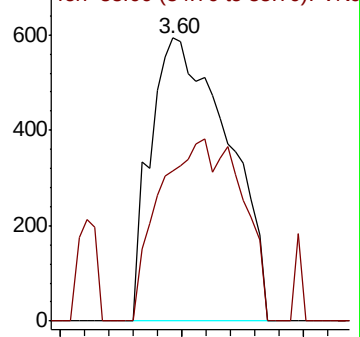
56 100

55 43.7 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#17

Carbon Disulfide

Concen: 0.269 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN055567.D

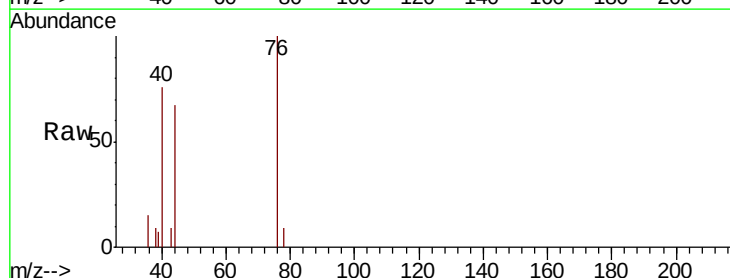
Acq: 13 May 2019 10:04

Tgt Ion: 76 Resp: 6343

Ion Ratio Lower Upper

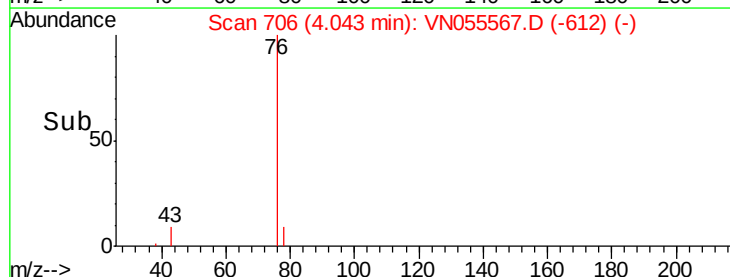
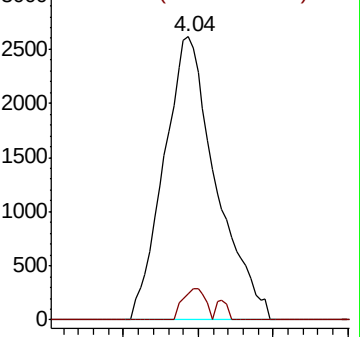
76 100

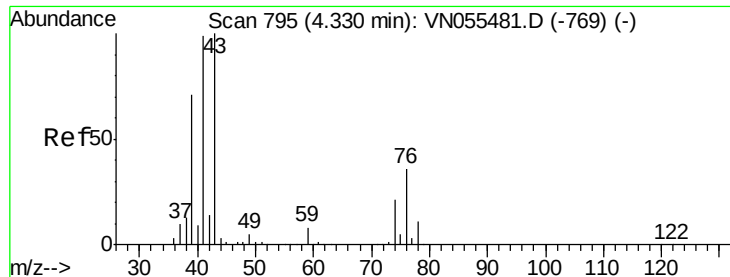
78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

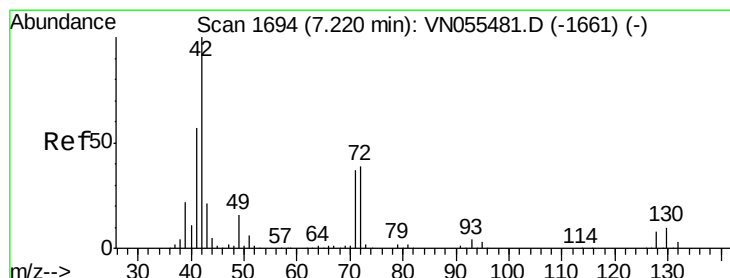
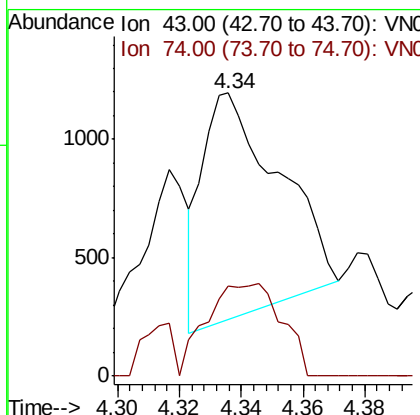
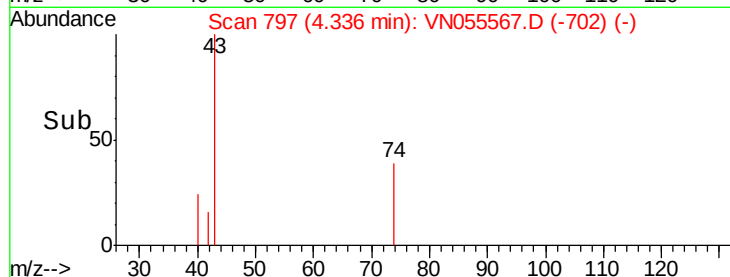
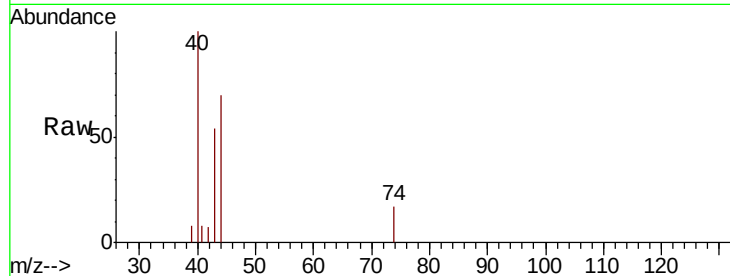




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055567.D
Acq: 13 May 2019 10:04

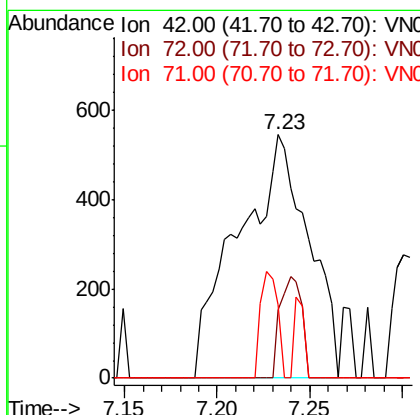
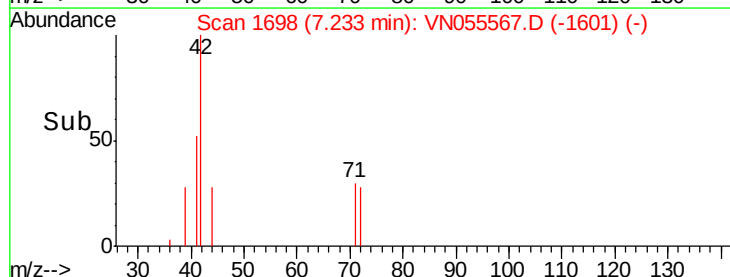
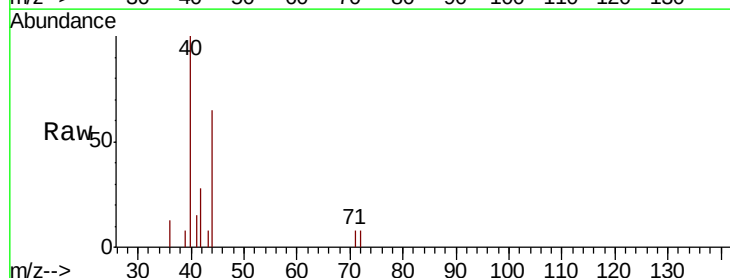
Instrument :
MSVOA_N
ClientSampled :
VN0513MBL01

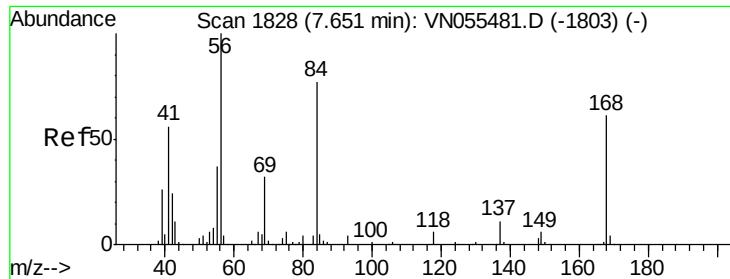
Tot Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
74 40.3 16.3 24.5#



#29
Tetrahydrofuran
Concen: 0.285 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN055567.D
Acq: 13 May 2019 10:04

Tgt Ion: 42 Resp: 1433
Ion Ratio Lower Upper
42 100
72 12.8 31.0 46.6#
71 4.7 29.4 44.2#





#31

Cyclohexane

Concen: 0.870 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBL01

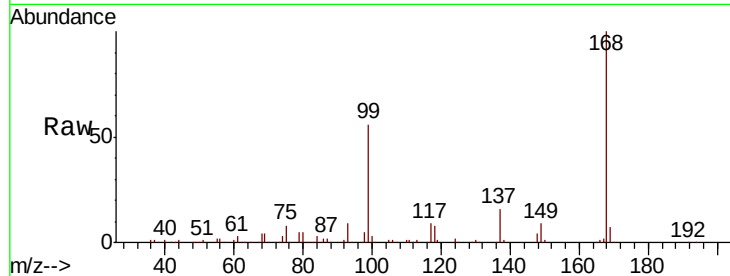
Tot Ion: 56 Resp: 16694

Ion Ratio Lower Upper

56 100

69 167.7 26.0 39.0#

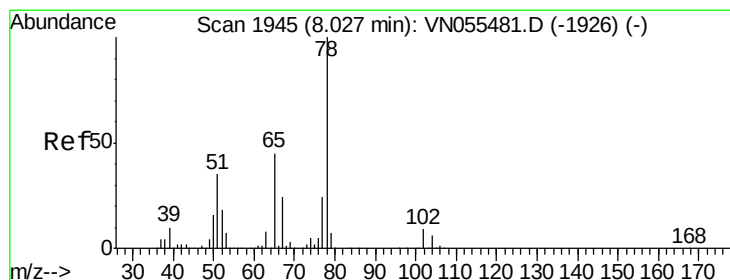
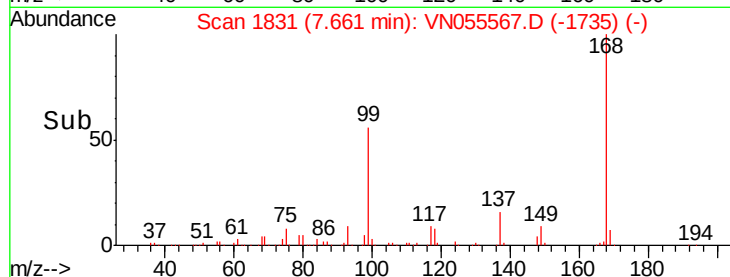
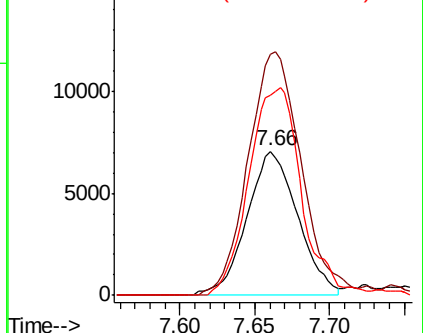
84 138.9 61.9 92.9#



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: 47.976 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055567.D

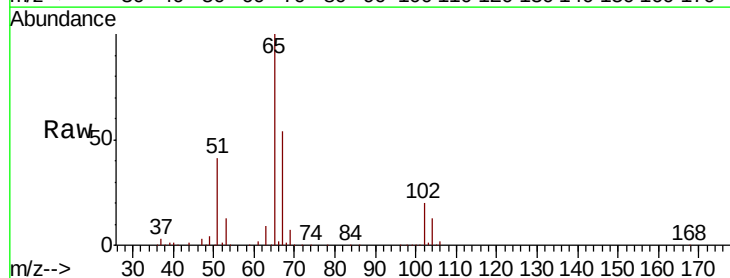
Acq: 13 May 2019 10:04

Tgt Ion: 65 Resp: 570202

Ion Ratio Lower Upper

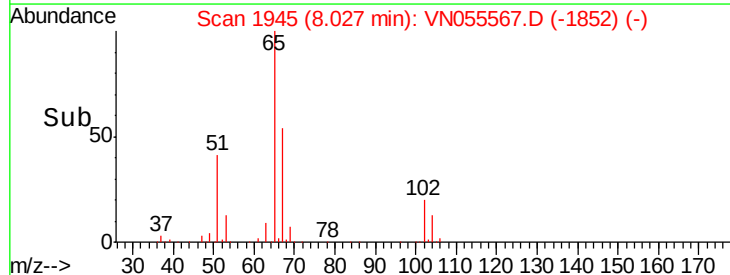
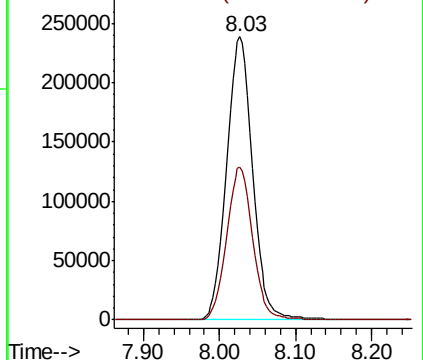
65 100

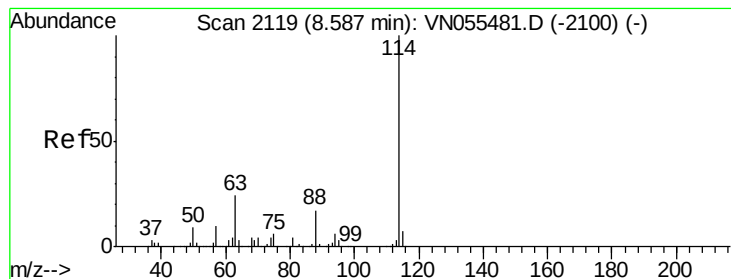
67 54.0 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

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MSVOA_N

ClientSampleId :

VN0513MBL01

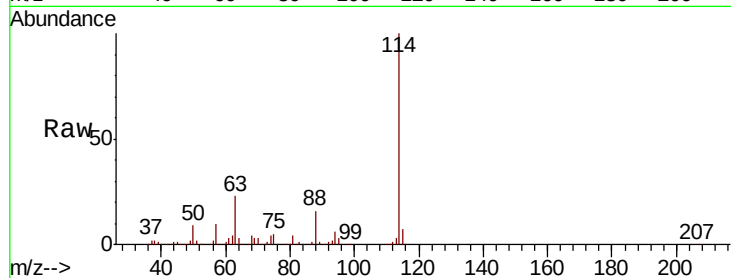
Tot Ion:114 Resp: 1321316

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.4

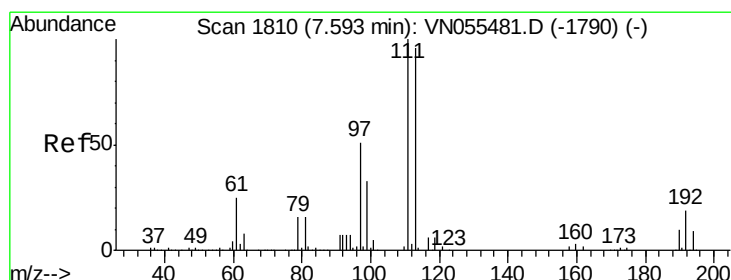
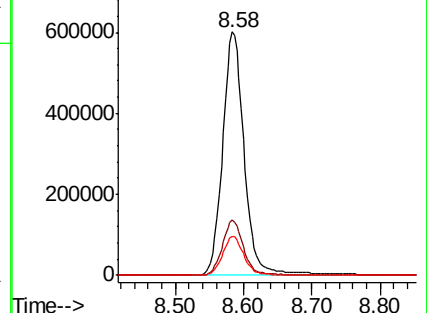
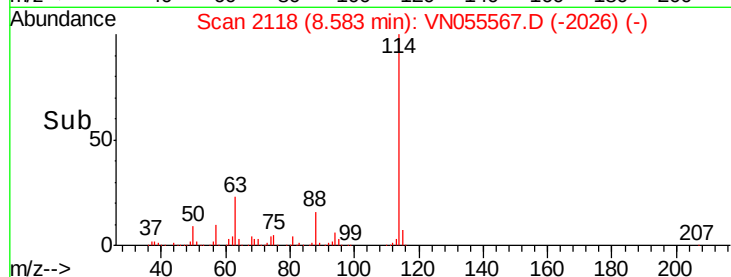
88 16.0 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 52.943 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

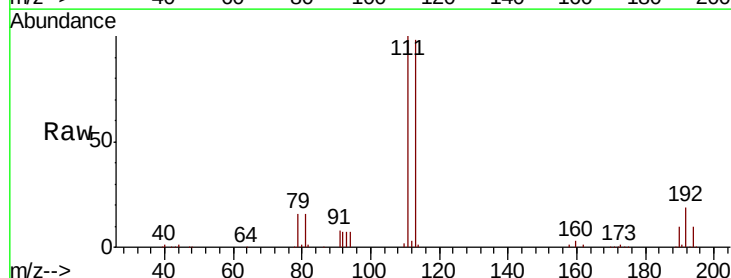
Tgt Ion:113 Resp: 451263

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

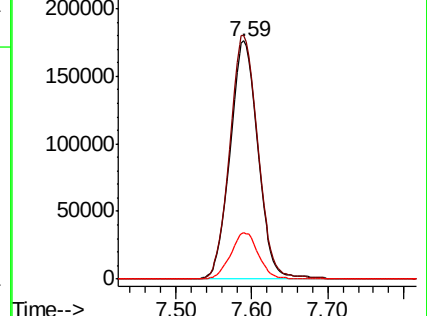
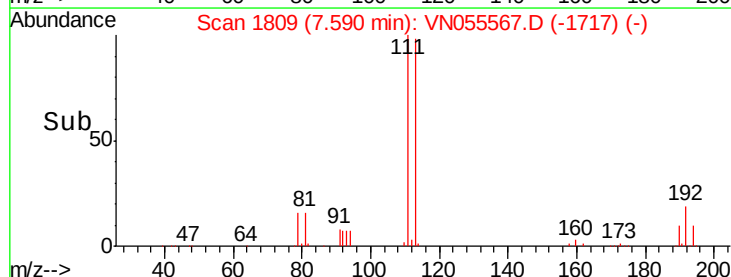
192 19.5 15.6 23.4

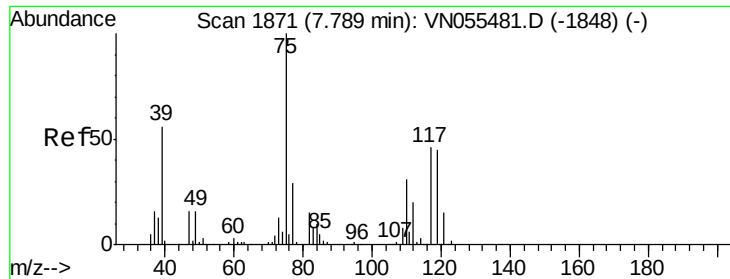


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.891 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

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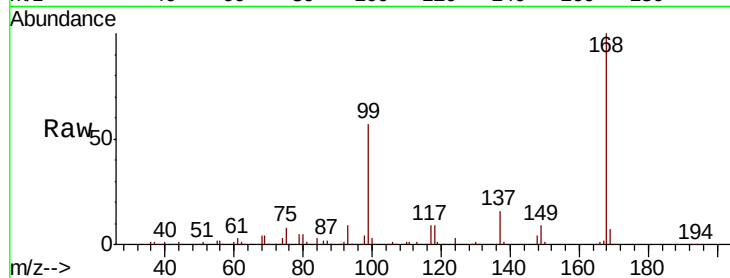
Tot Ion: 75 Resp: 63672

Ion Ratio Lower Upper

75 100

110 7.6 16.1 48.3#

77 0.0 24.6 37.0#

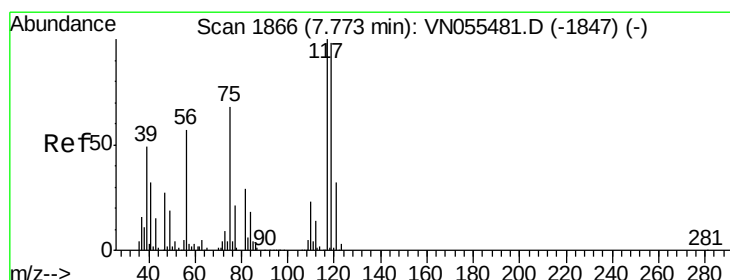
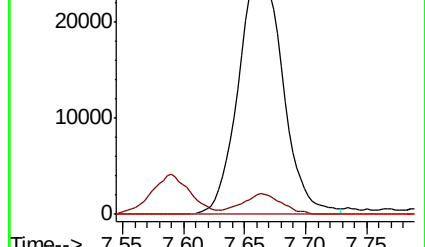
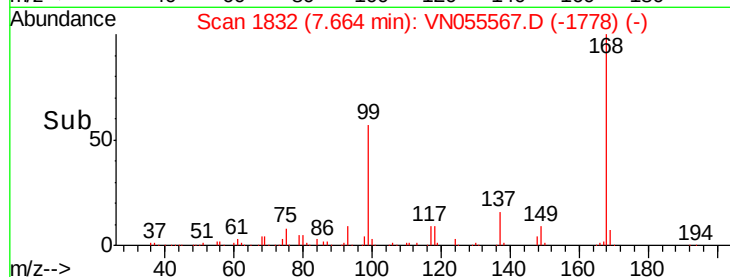


Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN055481.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN055481.D (-1848) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.884 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

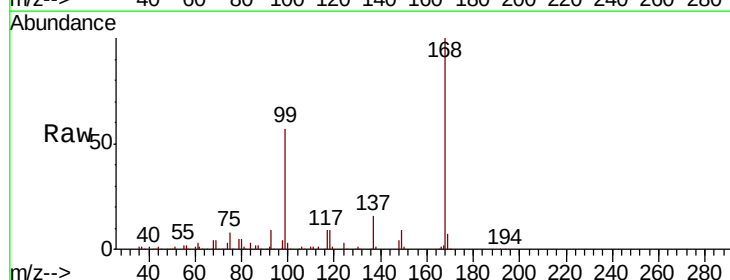
Tgt Ion: 117 Resp: 75460

Ion Ratio Lower Upper

117 100

119 6.1 77.8 116.6#

121 0.0 25.2 37.8#

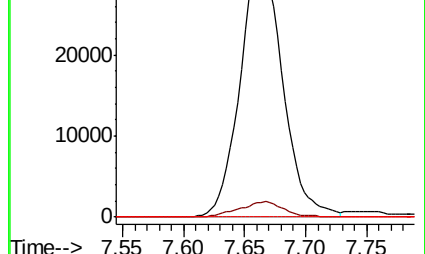
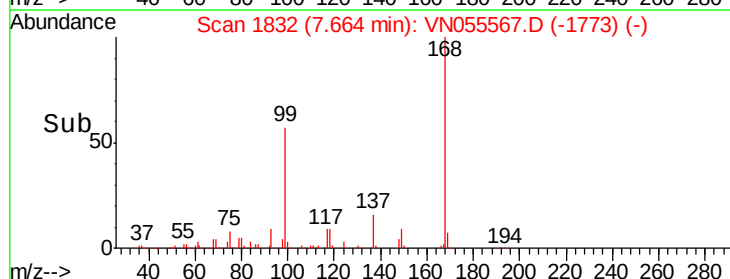


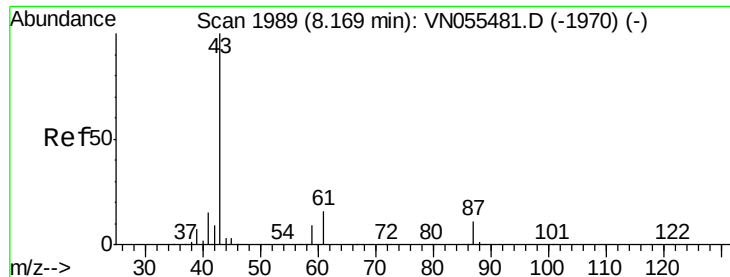
Abundance Ion 116.80 (116.50 to 117.50): VN055481.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN055481.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN055481.D (-1847) (-)

Time-->





#43

Isopropyl Acetate

Concen: 1.011 ug/l

RT: 8.30 min Scan# 2029

Delta R.T. 0.13 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBL01

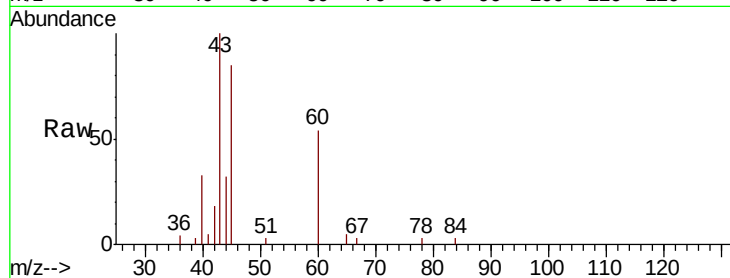
Tot Ion: 43 Resp: 21814

Ion Ratio Lower Upper

43 100

61 0.0 15.1 22.7#

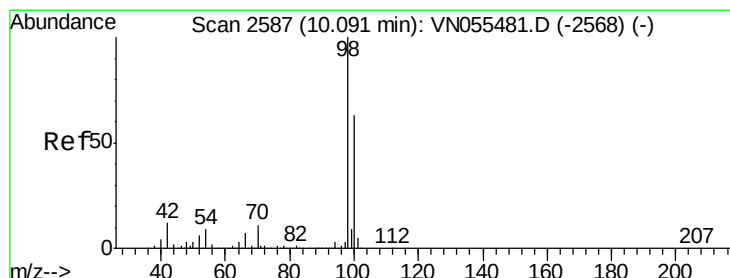
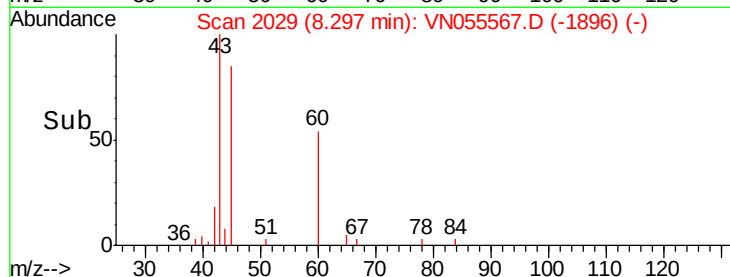
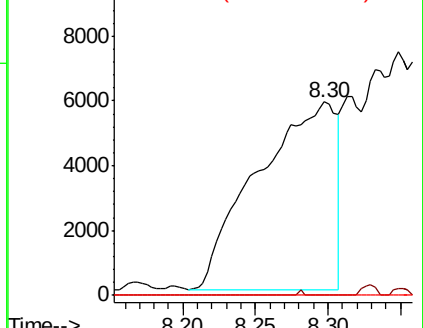
87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.475 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055567.D

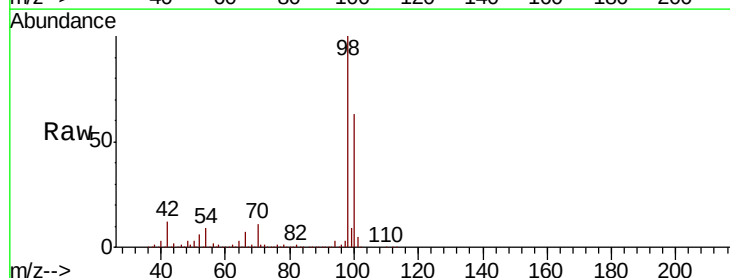
Acq: 13 May 2019 10:04

Tgt Ion: 98 Resp: 1709747

Ion Ratio Lower Upper

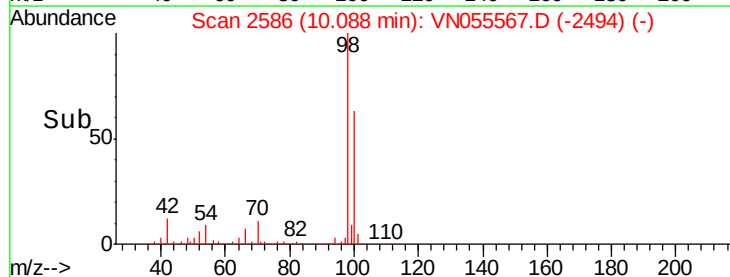
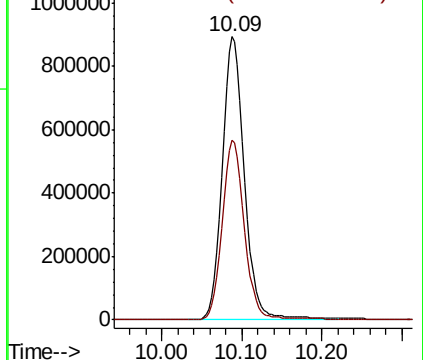
98 100

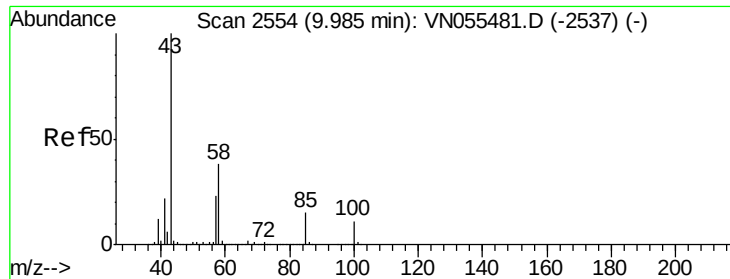
100 63.3 50.4 75.6



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: 0.444 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

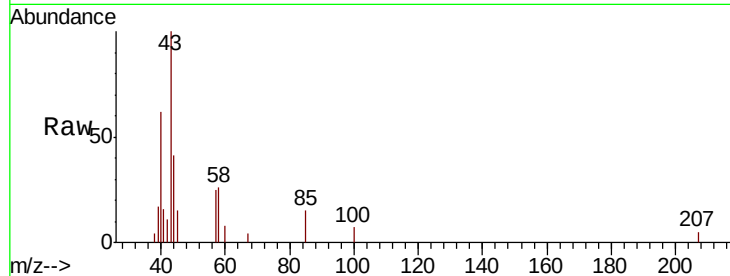
VN0513MBL01

Tot Ion: 43 Resp: 6294

Ion Ratio Lower Upper

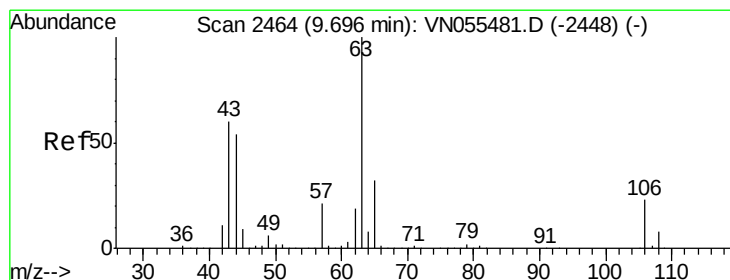
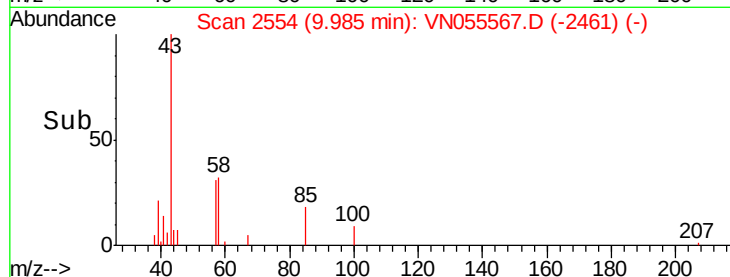
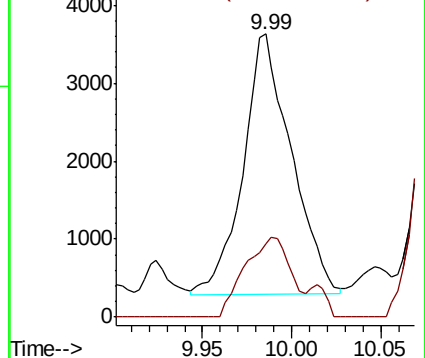
43 100

58 29.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 12.577 ug/l

RT: 9.71 min Scan# 2469

Delta R.T. 0.02 min

Lab File: VN055567.D

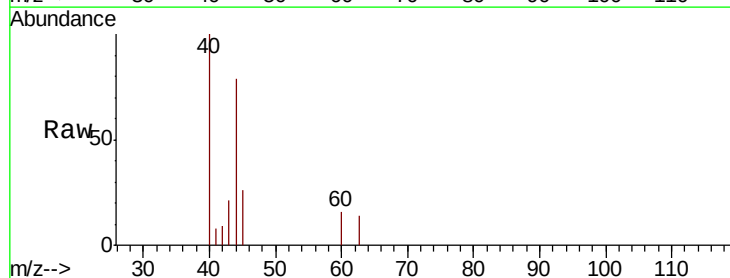
Acq: 13 May 2019 10:04

Tgt Ion: 63 Resp: 321

Ion Ratio Lower Upper

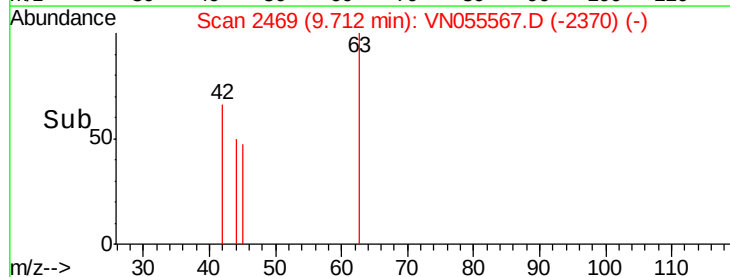
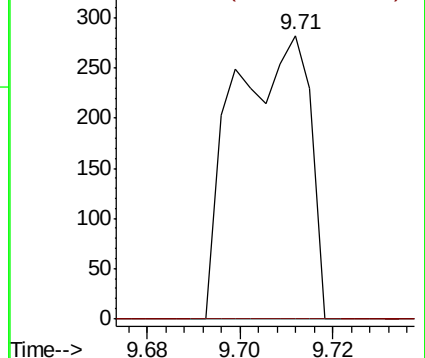
63 100

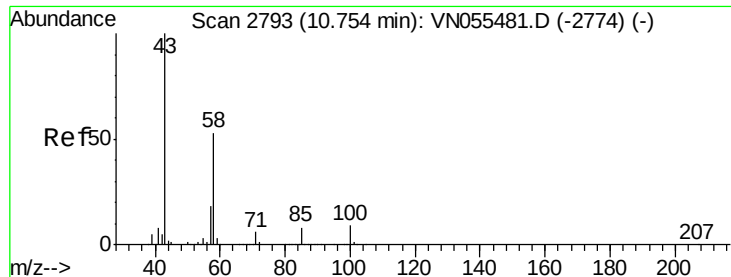
106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

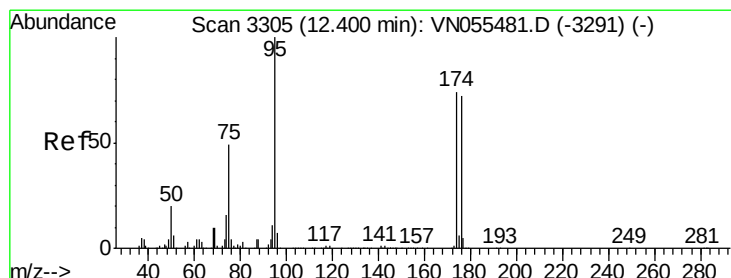
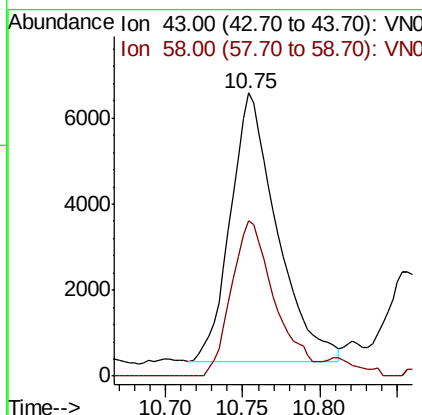
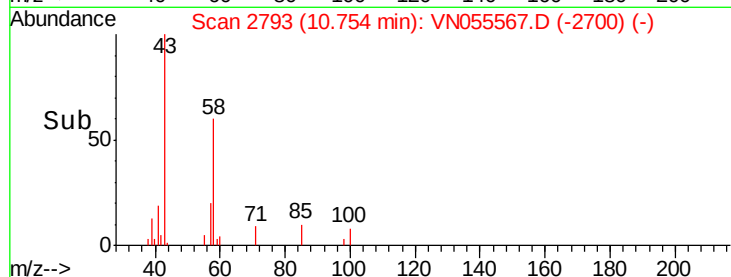
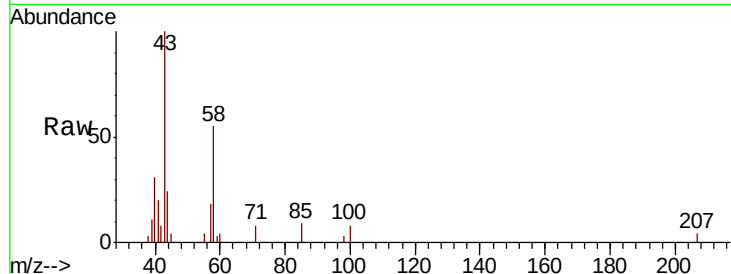




#59
2-Hexanone
Concen: 1.305 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055567.D
Acq: 13 May 2019 10:04

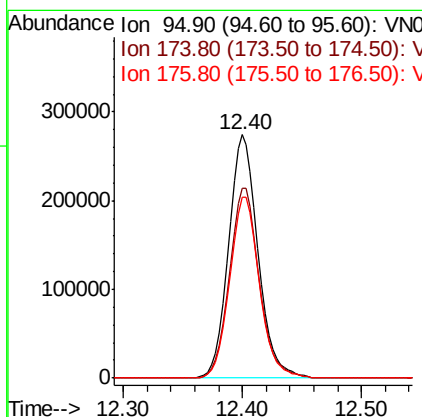
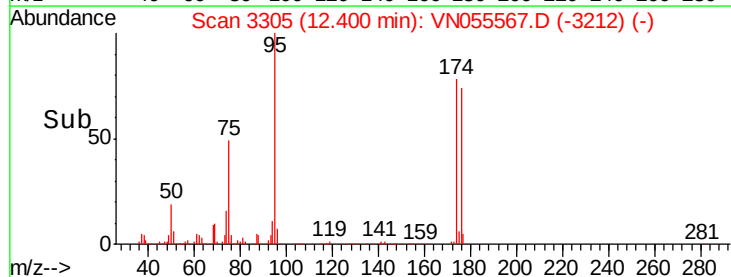
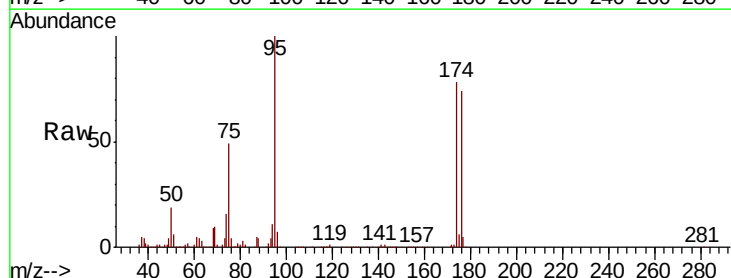
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBL01

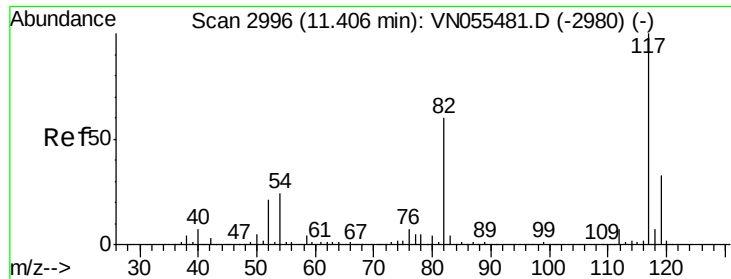
Tot Ion: 43 Resp: 12987
Ion Ratio Lower Upper
43 100
58 54.4 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 41.848 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055567.D
Acq: 13 May 2019 10:04

Tgt Ion: 95 Resp: 468688
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.2
176 75.6 0.0 147.8

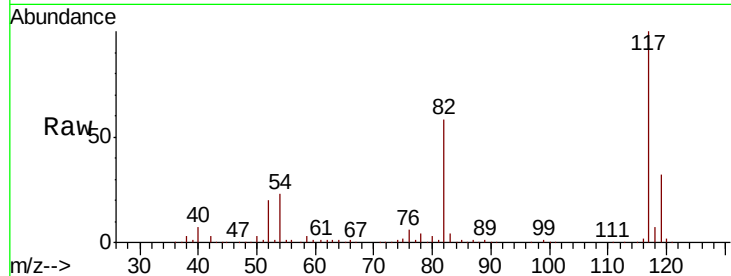




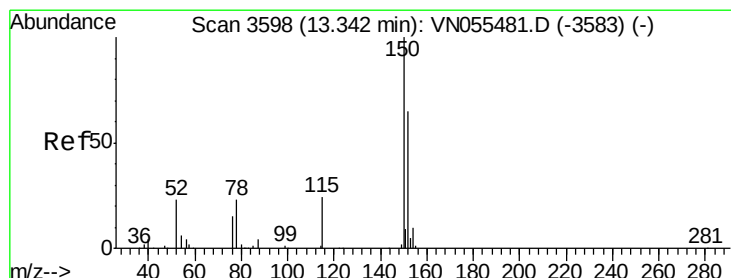
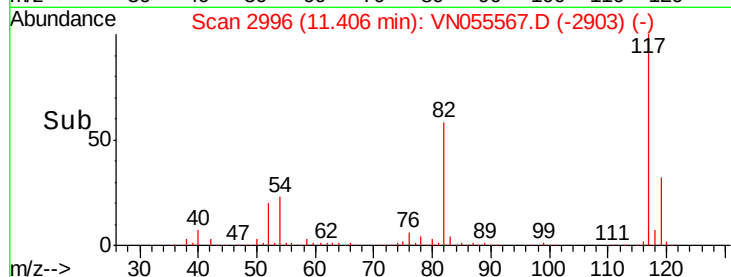
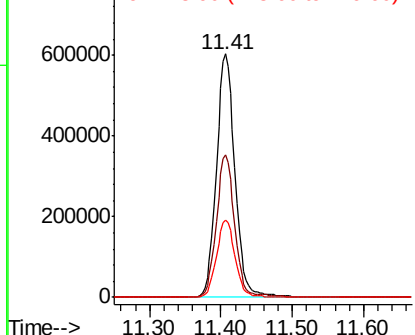
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055567.D
Acq: 13 May 2019 10:04

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBL01

Tot Ion:117 Resp: 1082583
Ion Ratio Lower Upper
117 100
82 58.5 48.0 72.0
119 32.0 26.0 39.0

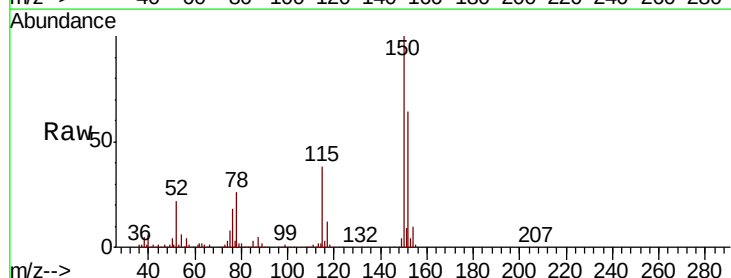


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

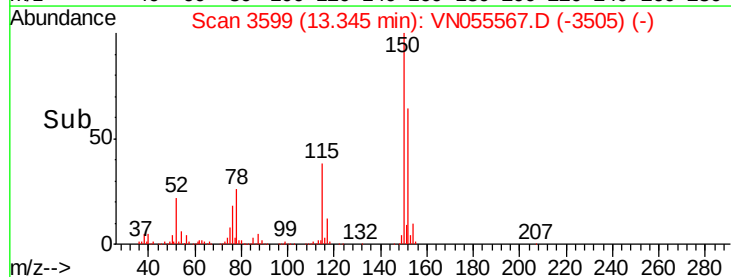
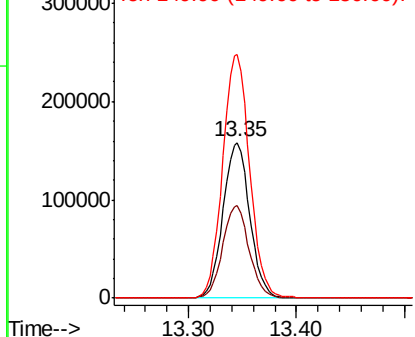


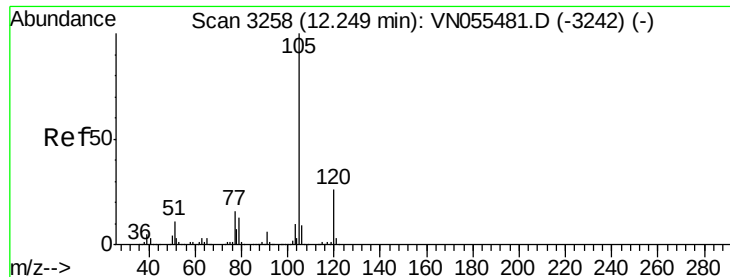
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055567.D
Acq: 13 May 2019 10:04

Tgt Ion:152 Resp: 272641
Ion Ratio Lower Upper
152 100
115 58.6 30.1 90.5
150 157.5 0.0 355.0



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: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

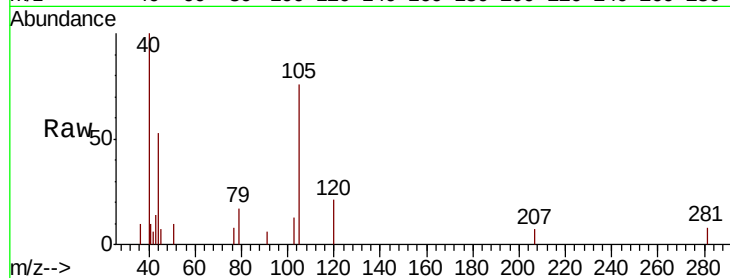
VN0513MBL01

Tot Ion:105 Resp: 2698

Ion Ratio Lower Upper

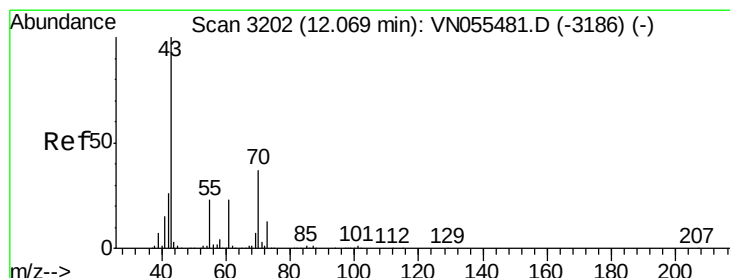
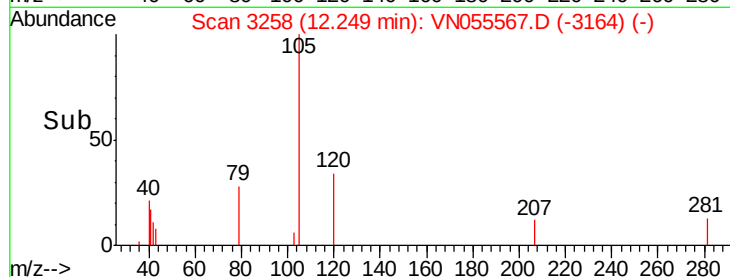
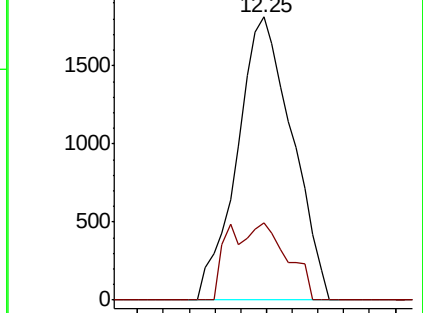
105 100

120 17.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.538 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Tgt Ion: 43 Resp: 5566

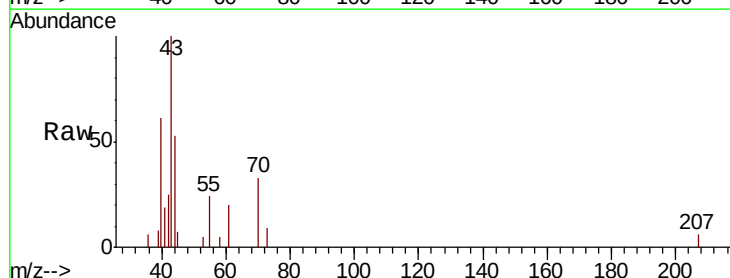
Ion Ratio Lower Upper

43 100

70 34.9 30.7 46.1

55 27.0 19.3 28.9

61 21.6 18.6 27.8

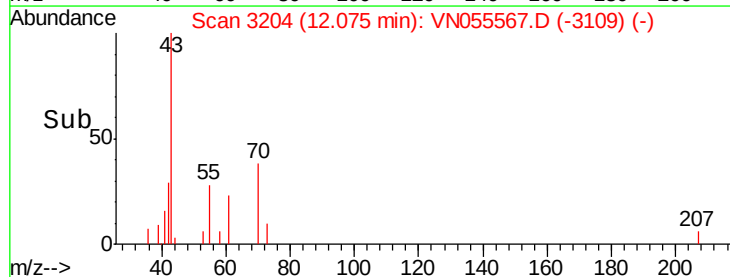
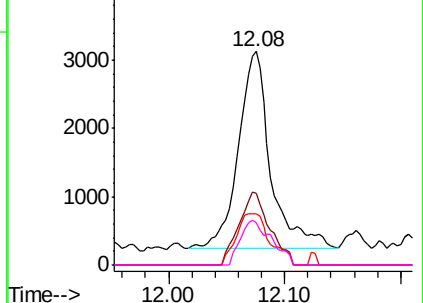


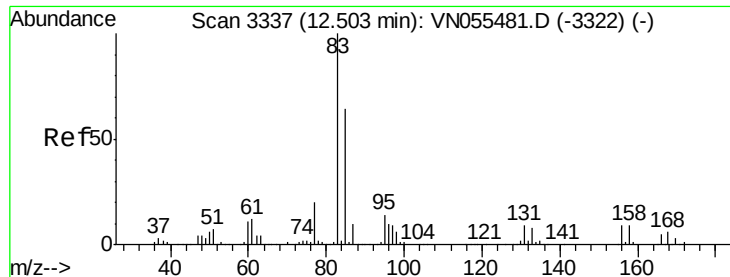
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBL01

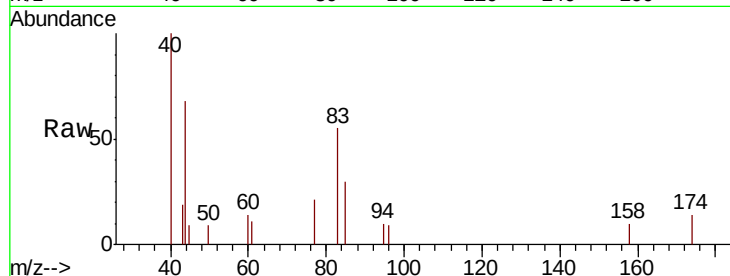
Tot Ion: 83 Resp: 1598

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

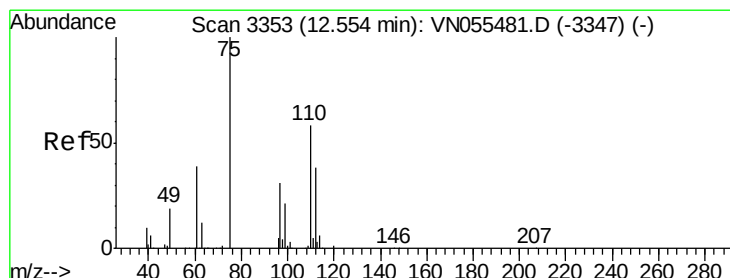
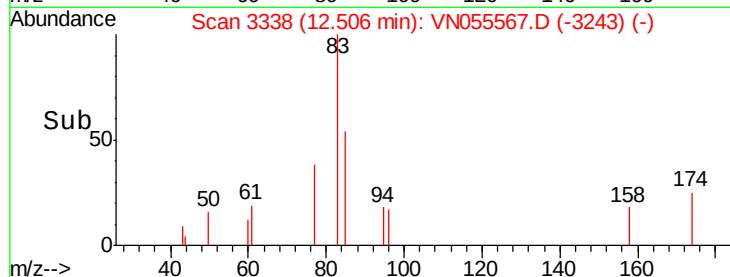
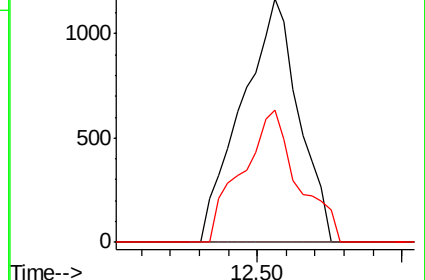
85 53.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.523 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055567.D

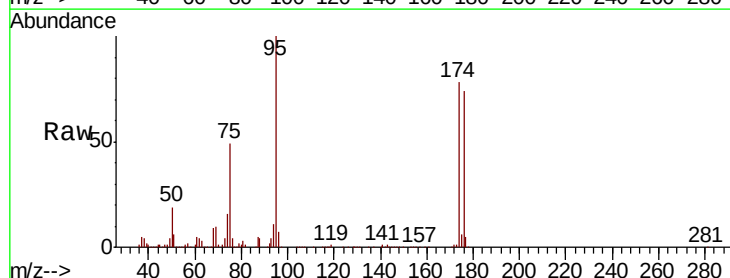
Acq: 13 May 2019 10:04

Tgt Ion: 75 Resp: 233971

Ion Ratio Lower Upper

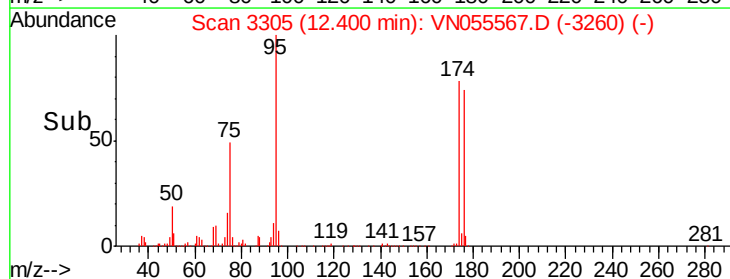
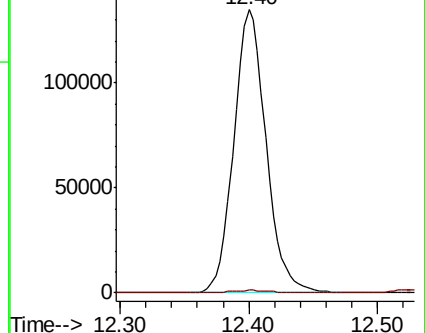
75 100

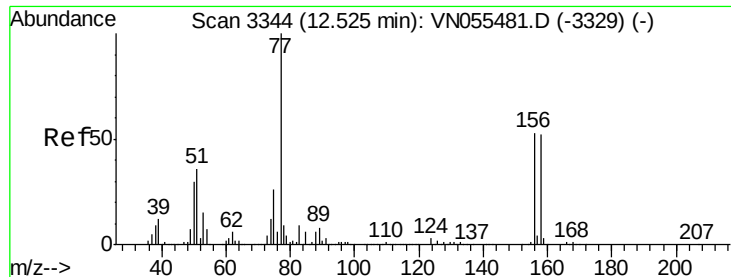
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.202 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampled :

VN0513MBL01

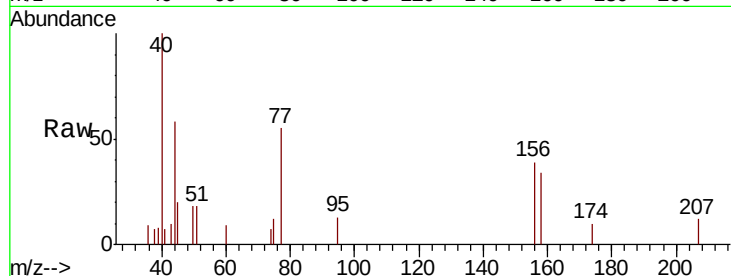
Tot Ion:156 Resp: 1212

Ion Ratio Lower Upper

156 100

77 263.2 115.4 346.2

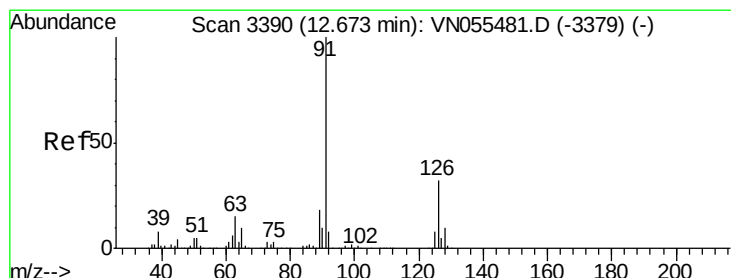
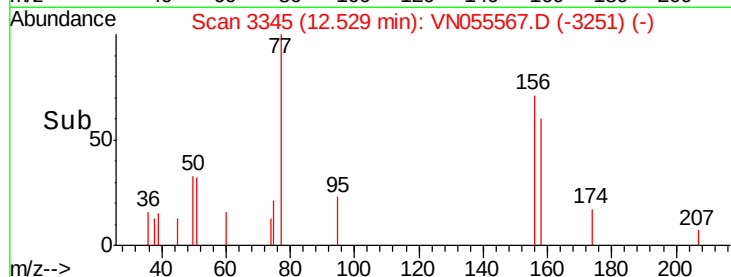
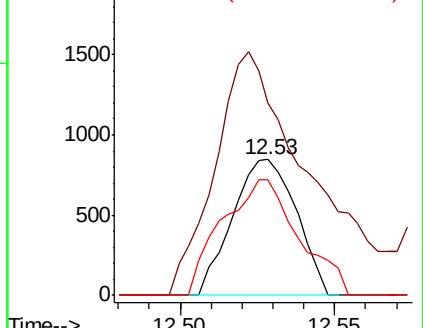
158 102.6 48.7 146.1



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



#79

2-Chlorotoluene

Concen: 0.216 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN055567.D

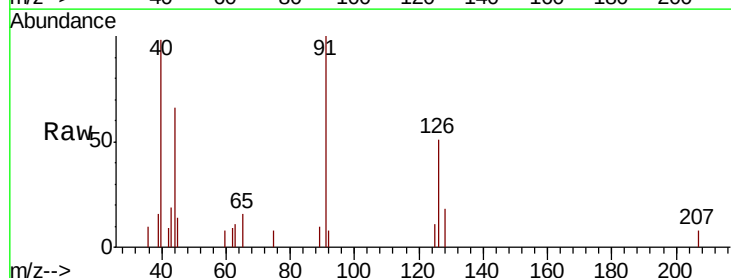
Acq: 13 May 2019 10:04

Tgt Ion: 91 Resp: 3945

Ion Ratio Lower Upper

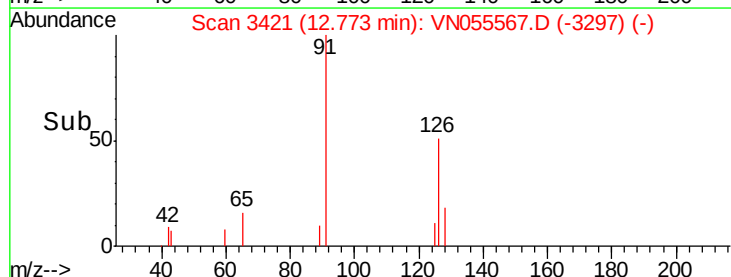
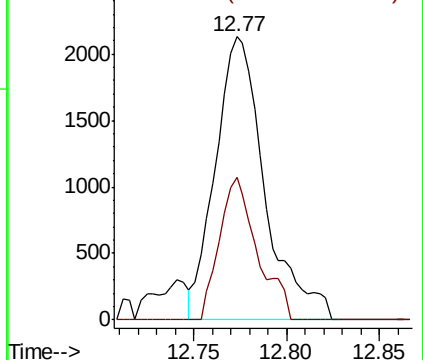
91 100

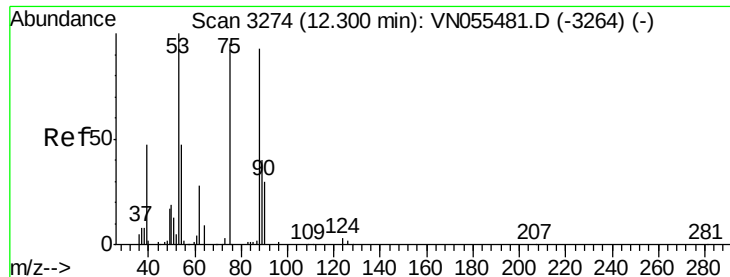
126 38.5 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 116.316 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBL01

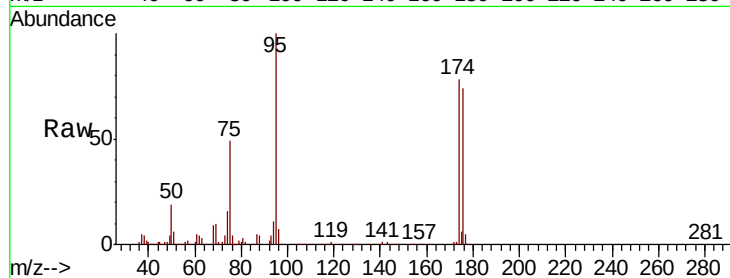
Tot Ion: 75 Resp: 233971

Ion Ratio Lower Upper

75 100

53 0.2 86.5 129.7#

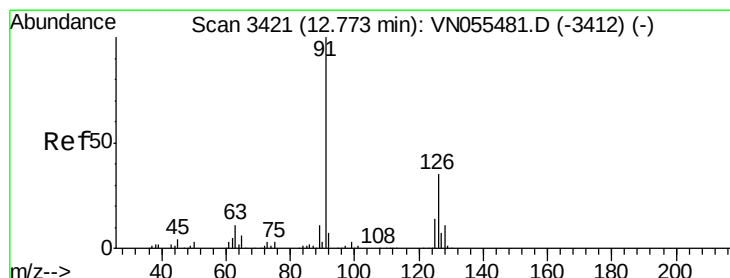
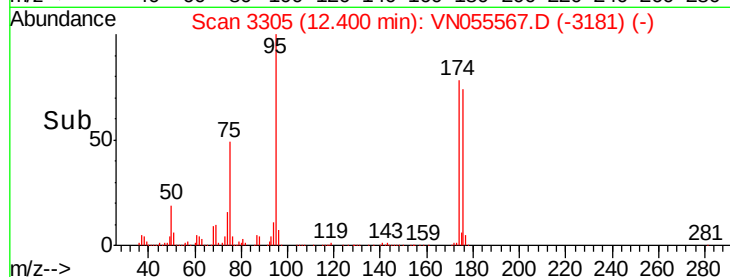
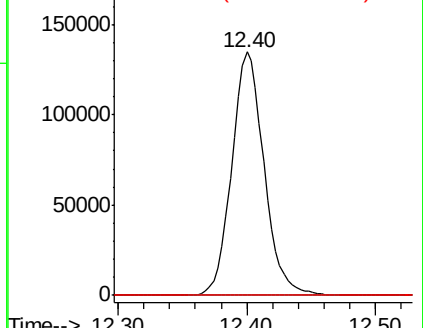
89 0.0 35.7 53.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.229 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055567.D

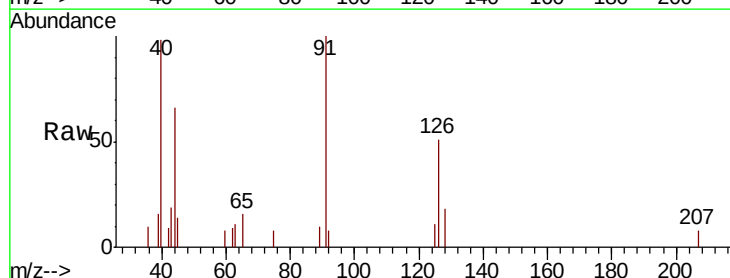
Acq: 13 May 2019 10:04

Tgt Ion: 91 Resp: 3945

Ion Ratio Lower Upper

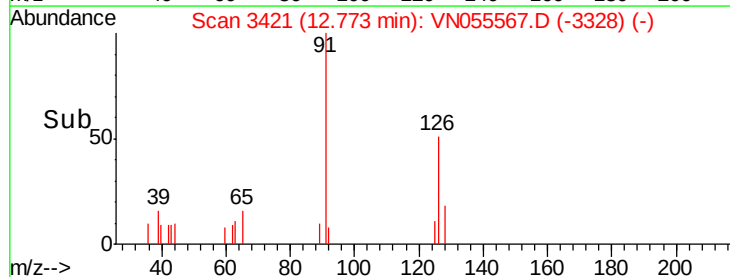
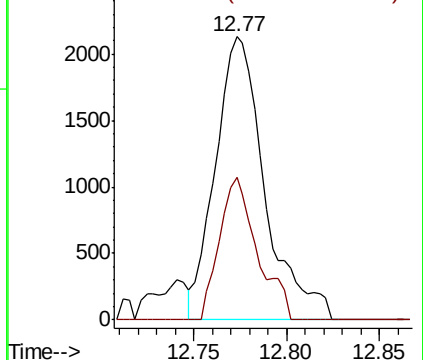
91 100

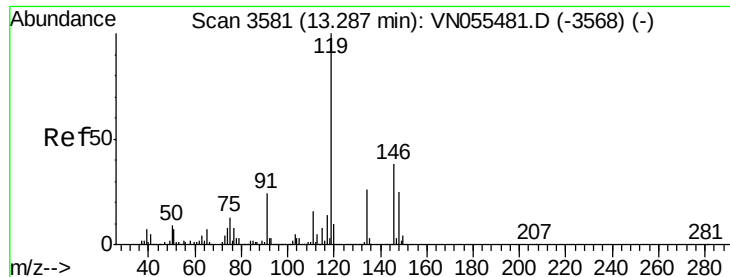
126 38.5 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

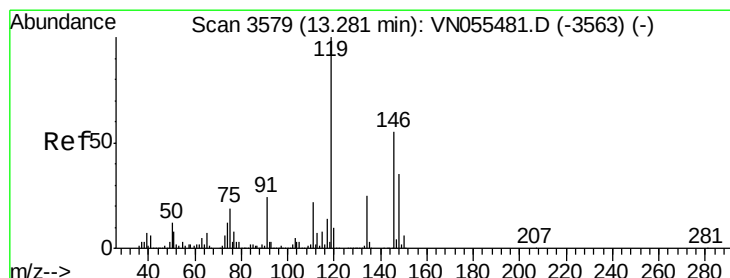
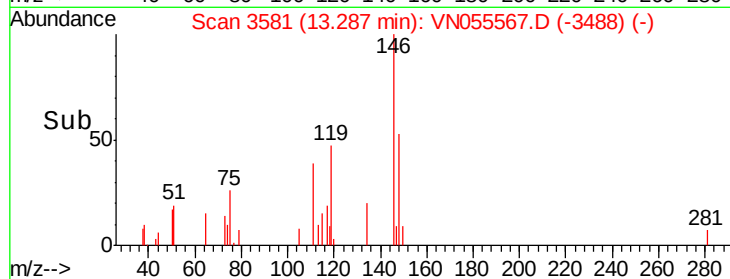
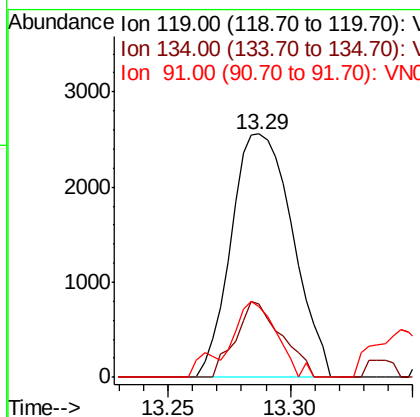
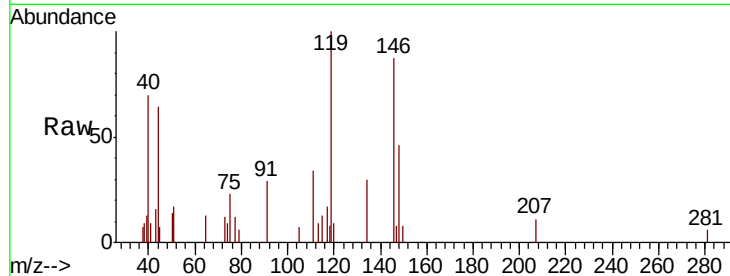




#86
 p-Isopropyltoluene
 Concen: 0.221 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN055567.D
 Acq: 13 May 2019 10:04

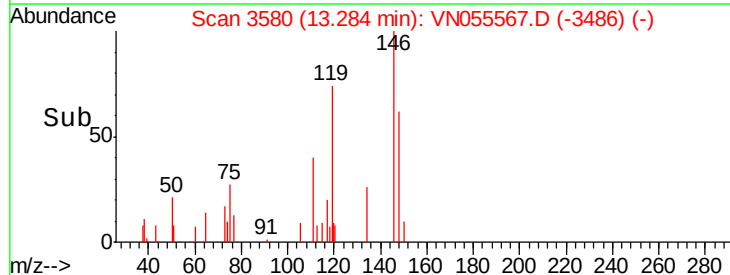
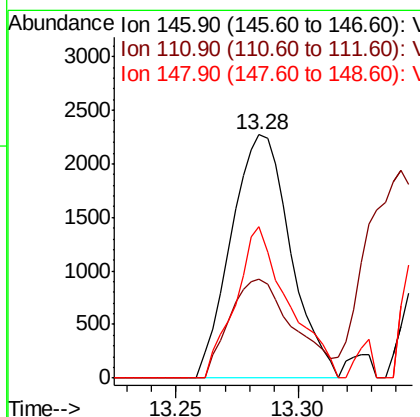
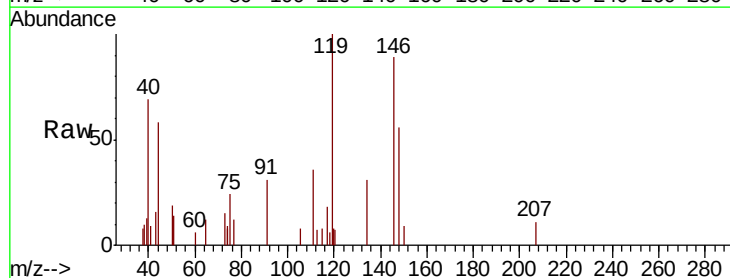
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBL01

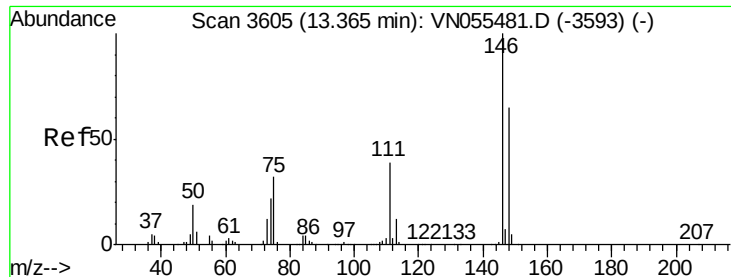
Tot Ion:119 Resp: 4475
 Ion Ratio Lower Upper
 119 100
 134 23.2 12.8 38.4
 91 20.8 12.0 36.0



#87
 1,3-Dichlorobenzene
 Concen: 0.412 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055567.D
 Acq: 13 May 2019 10:04

Tgt Ion:146 Resp: 3826
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.4 61.3
 148 55.6 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 0.418 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBL01

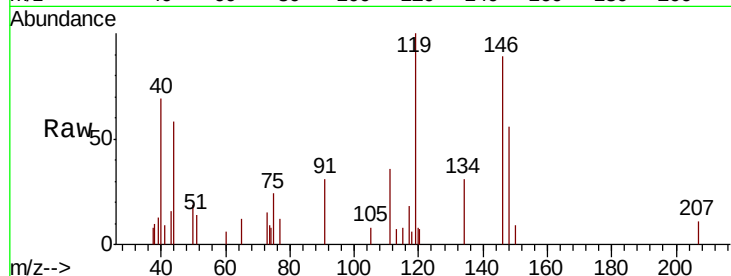
Tot Ion:146 Resp: 3826

Ion Ratio Lower Upper

146 100

111 44.1 19.6 58.8

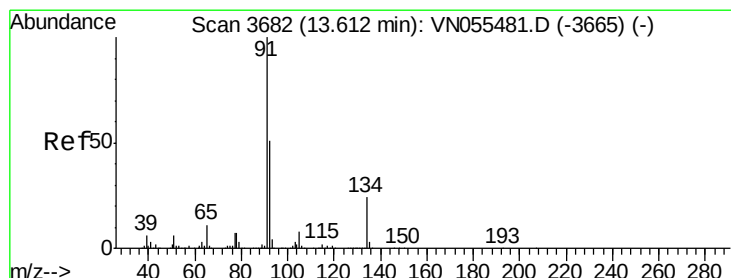
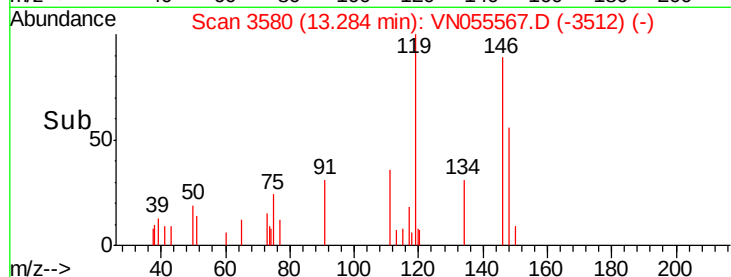
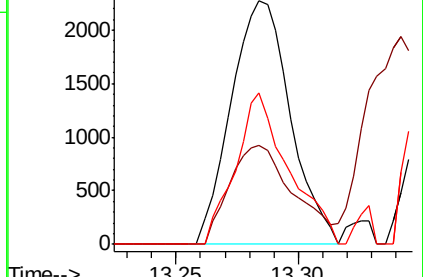
148 55.6 32.5 97.4



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: 0.462 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.01 min

Lab File: VN055567.D

Acq: 13 May 2019 10:04

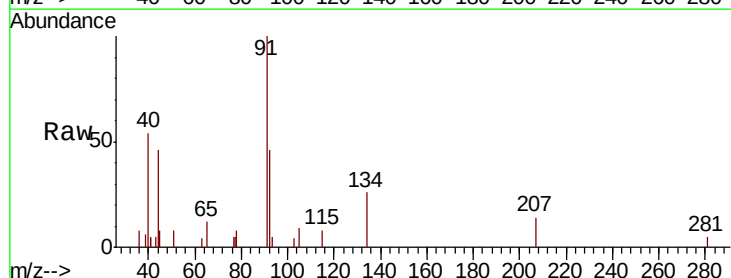
Tgt Ion: 91 Resp: 7242

Ion Ratio Lower Upper

91 100

92 47.9 25.9 77.7

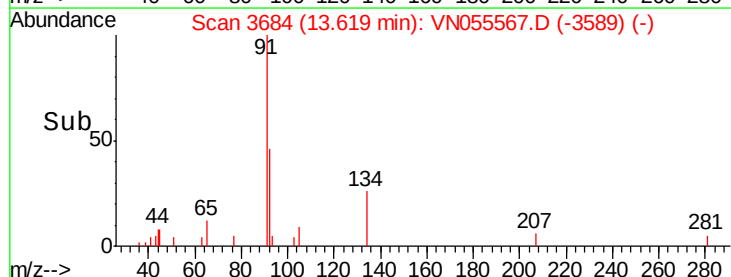
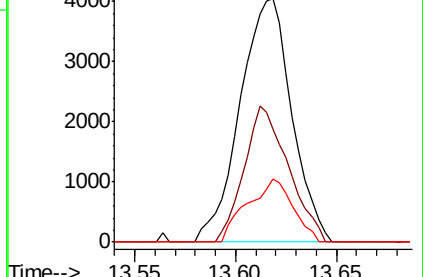
134 22.9 11.8 35.4

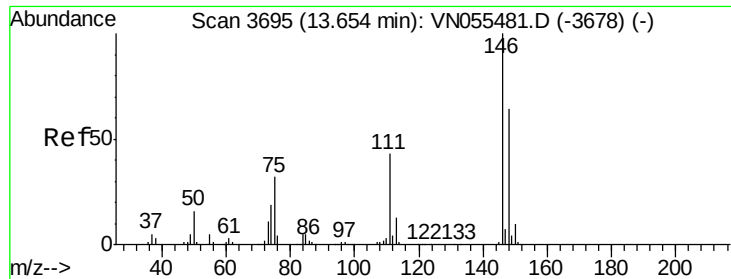


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

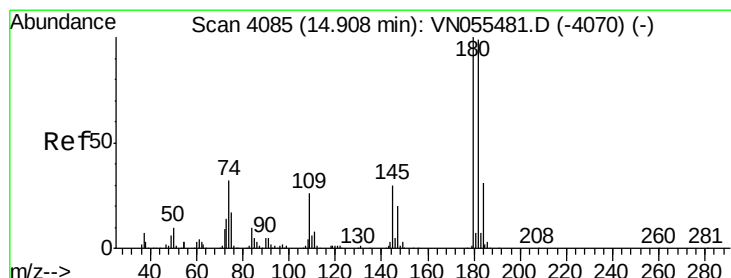
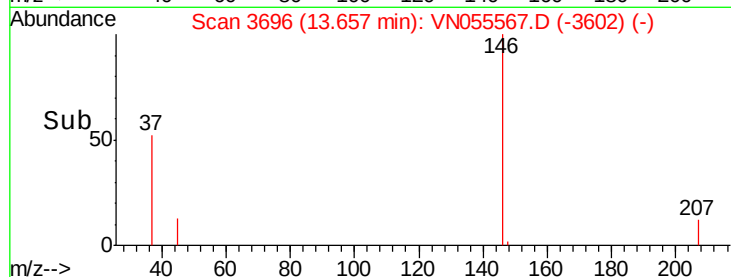
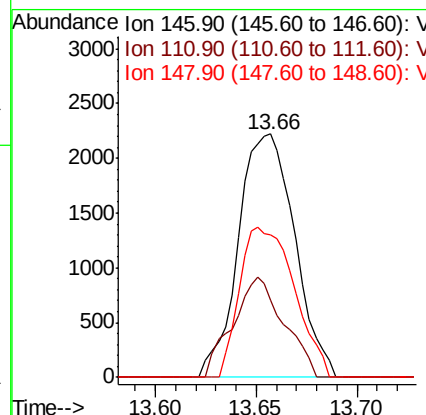
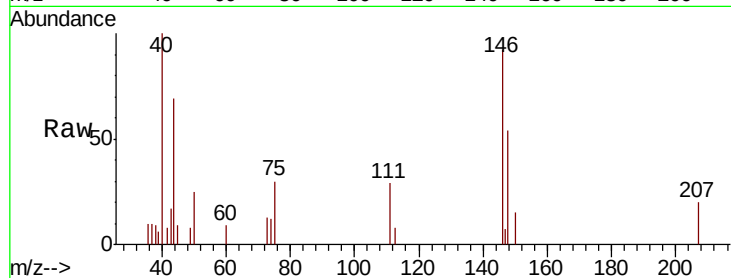




#91
 1,2-Dichlorobenzene
 Concen: 0.467 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN055567.D
 Acq: 13 May 2019 10:04

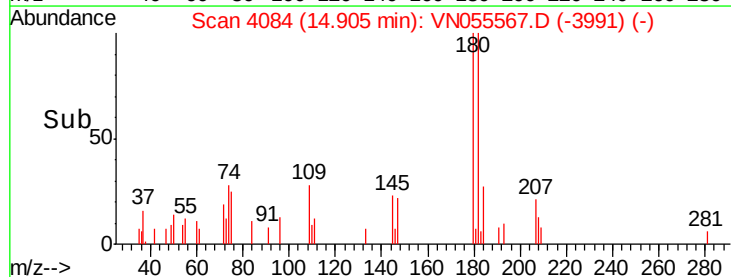
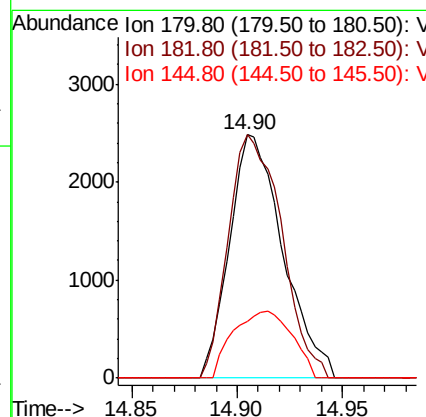
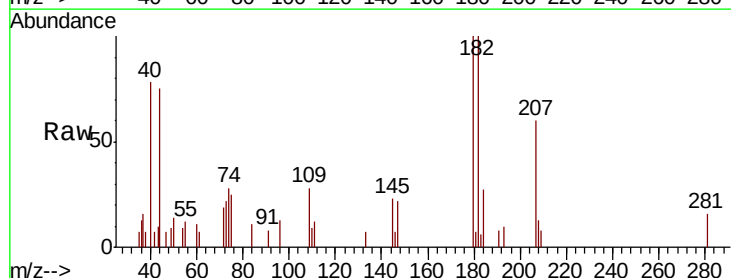
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBL01

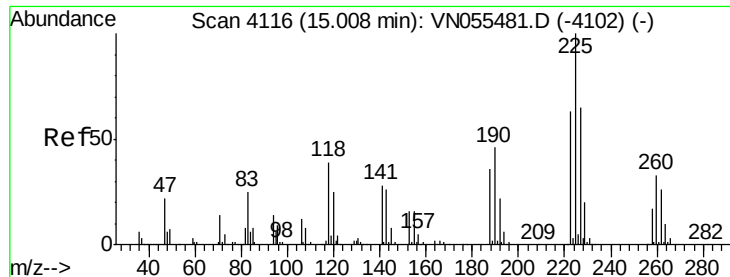
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	21.3	63.7
148	60.0	31.9	95.9



#93
 1,2,4-Trichlorobenzene
 Concen: 4.216 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN055567.D
 Acq: 13 May 2019 10:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	48.7	146.1
145	30.3	15.3	45.9





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

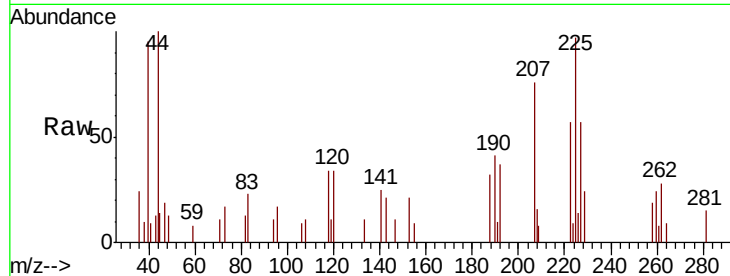
Delta R.T. 0.00 min

Lab File: VN055567.D

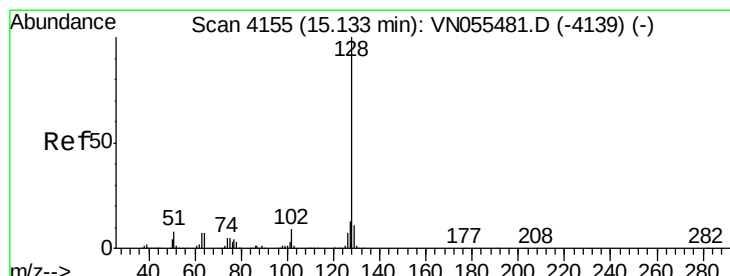
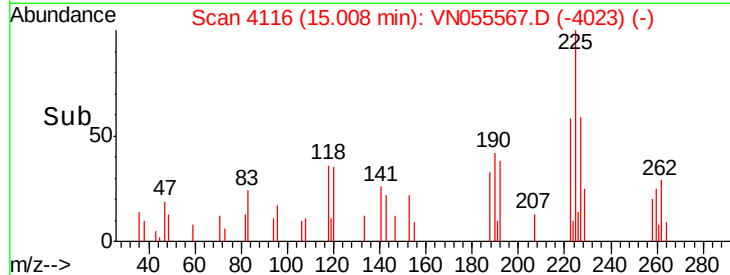
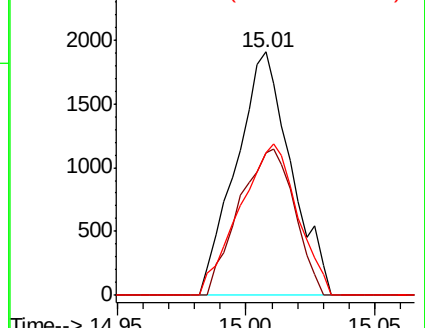
Acq: 13 May 2019 10:04

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBL01

Tot Ion:	225	Resp:	2827
Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.4	94.3
227	65.6	32.0	96.0



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: 4.151 ug/l

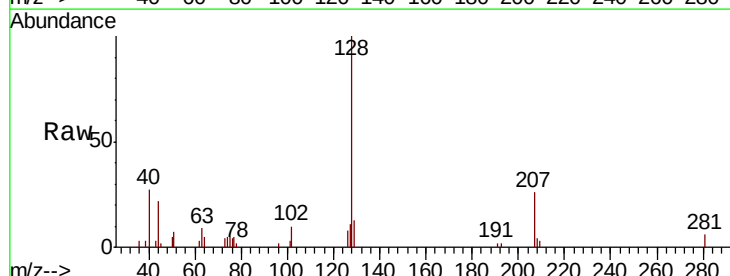
RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

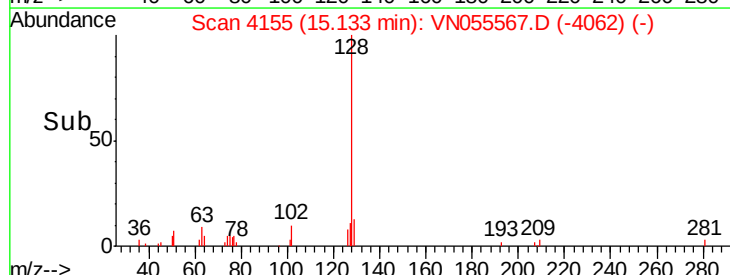
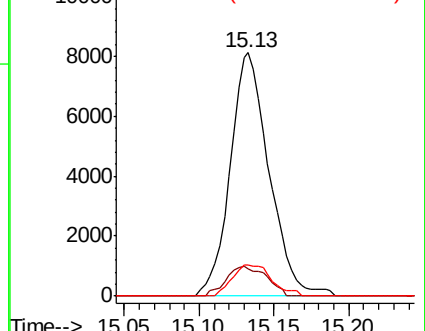
Lab File: VN055567.D

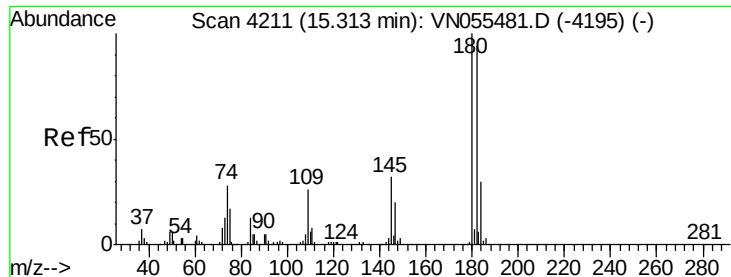
Acq: 13 May 2019 10:04

Tgt Ion:	128	Resp:	14663
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	12.9	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: 3.727 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055567.D
 Acq: 13 May 2019 10:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBL01

Tot Ion:	180	Resp:	5997
Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.3
145	32.7	15.8	47.4

