

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055576.D
 Acq On : 13 May 2019 14:17
 Operator : JC/SP
 Sample : K2718-16
 Misc : 5.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS007-0002-01

Quant Time: May 14 01:48:55 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	825616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1389254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1196560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	529271	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	522778	42.05	ug/l	0.00
Spiked Amount			Recovery	=	84.10%	
35) Dibromofluoromethane	7.59	113	410761	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
50) Toluene-d8	10.09	98	1706647	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	578918	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.51	41	7319	0.396	ug/l #	28
15) Acrylonitrile	5.02	53	1245	0.219	ug/l #	32
16) Acetone	3.82	43	7879	1.369	ug/l	97
18) Methyl Acetate	4.32	43	27000	1.155	ug/l #	79
25) 2-Butanone	6.84	43	3549	0.446	ug/l	97
31) Cyclohexane	7.65	56	101484	5.058	ug/l #	82
36) 1,1-Dichloropropene	7.66	75	64814	4.736	ug/l #	51
38) Carbon Tetrachloride	7.66	117	76887	6.672	ug/l #	16
39) Methylcyclohexane	9.08	83	259675	15.561	ug/l	98
43) Isopropyl Acetate	8.15	43	5849	0.258	ug/l #	63
48) Methyl methacrylate	9.26	41	12005	1.099	ug/l #	46
49) 1,4-Dioxane	9.20	88	64	0.300	ug/l #	20
52) Toluene	10.15	92	30687	1.264	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	7681	0.781	ug/l #	16
56) Ethyl methacrylate	10.43	69	5723	0.391	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.69	63	670	12.641	ug/l #	34
59) 2-Hexanone	10.76	43	2702	0.258	ug/l	77
67) Ethyl Benzene	11.51	91	52963	1.146	ug/l	93
68) m/p-Xylenes	11.62	106	129421	7.800	ug/l	95
69) o-Xylene	11.95	106	102601	6.291	ug/l	99
70) Styrene	11.95	104	9419	0.360	ug/l #	1
71) Bromoform	12.18	173	1674	0.293	ug/l #	29
73) Isopropylbenzene	12.25	105	27003	Below Cal		94
74) N-ethyl acetate	12.04	43	9802	0.488	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.50	83	285	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	302755	21.012	ug/l #	100
77) Bromobenzene	12.46	156	1632031	139.919	ug/l #	1
78) n-propylbenzene	12.59	91	28526	0.503	ug/l #	63
80) 1,3,5-Trimethylbenzene	12.73	105	31949	0.755	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	302755	77.532	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.04	105	154564	3.981	ug/l	99
85) sec-Butylbenzene	13.17	105	10148	0.210	ug/l	81
86) p-Isopropyltoluene	13.23	119	15030	0.383	ug/l	91
89) n-Butylbenzene	13.62	91	9471	0.311	ug/l	91

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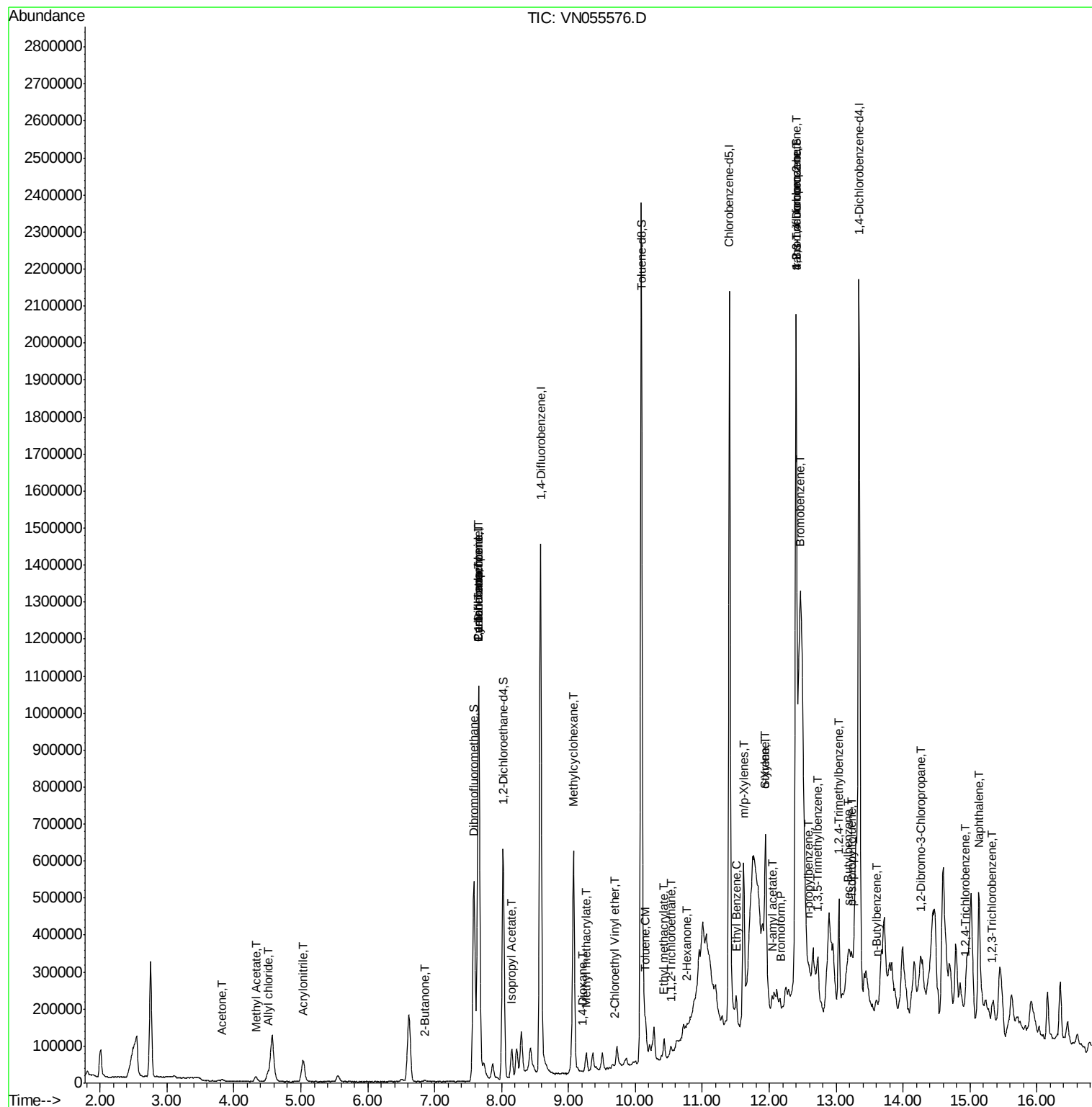
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.28	75	782	0.321	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	1301	3.360	ug/l #	61
94) Hexachlorobutadiene	15.00	225	316	Below Cal	#	39
95) Naphthalene	15.13	128	237533	13.069	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	2146	2.663	ug/l #	46

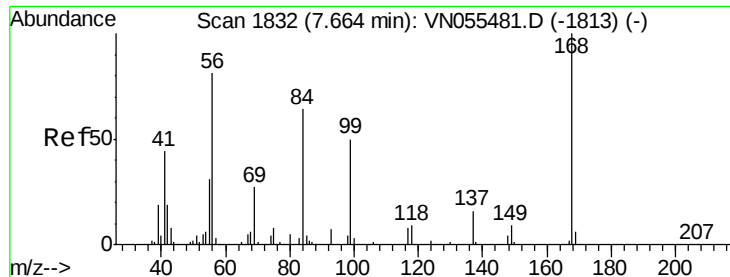
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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# 1831

Delta R.T. -0.00 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

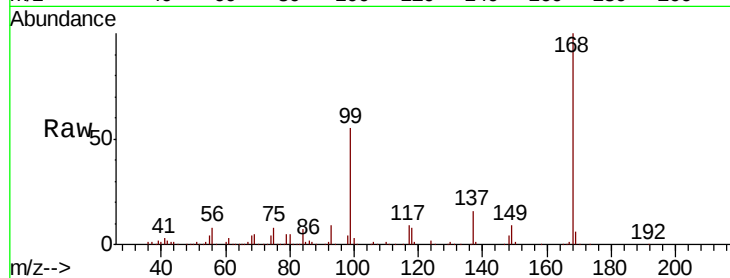
P026-SS007-0002-01

Tot Ion:168 Resp: 825616

Ion Ratio Lower Upper

168 100

99 54.9 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

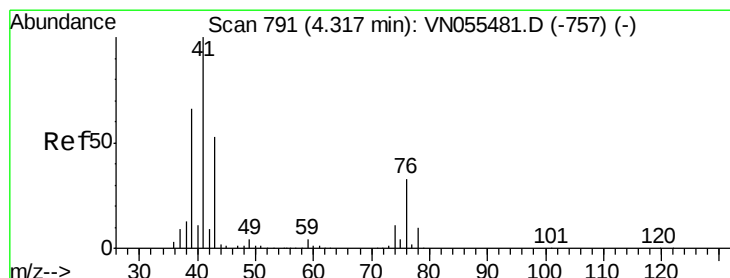
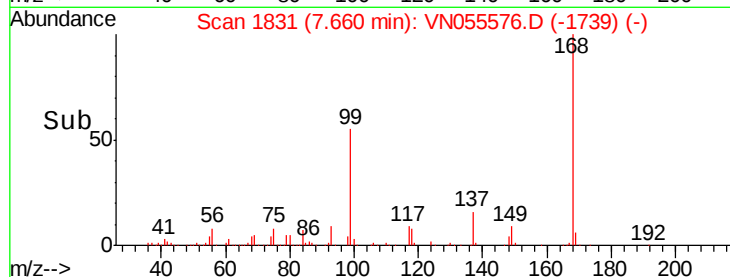
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#14

Allyl chloride

Concen: 0.396 ug/l

RT: 4.51 min Scan# 852

Delta R.T. 0.20 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

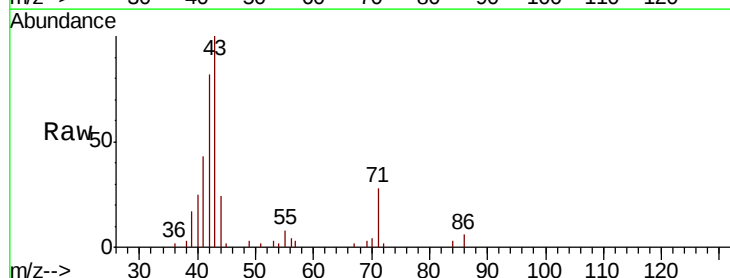
Tgt Ion: 41 Resp: 7319

Ion Ratio Lower Upper

41 100

39 0.0 49.8 74.8#

76 0.0 23.5 35.3#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

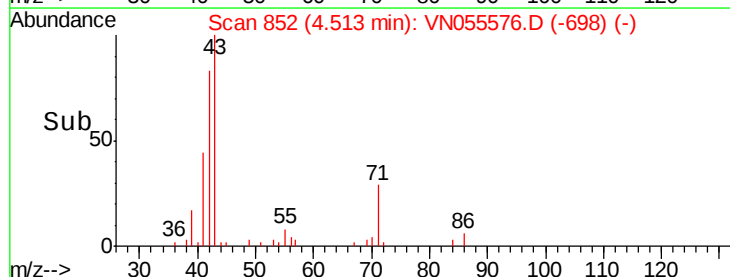
15000

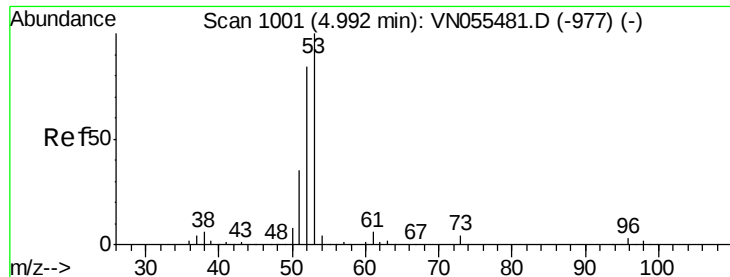
10000

5000

0

Time--> 4.45 4.50 4.55





#15

Acrylonitrile

Concen: 0.219 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.03 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

P026-SS007-0002-01

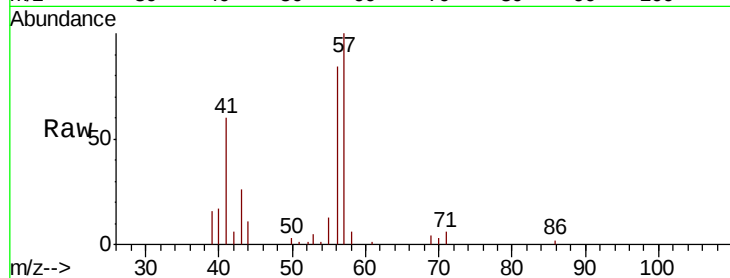
Tot Ion: 53 Resp: 1245

Ion Ratio Lower Upper

53 100

52 0.0 66.1 99.1#

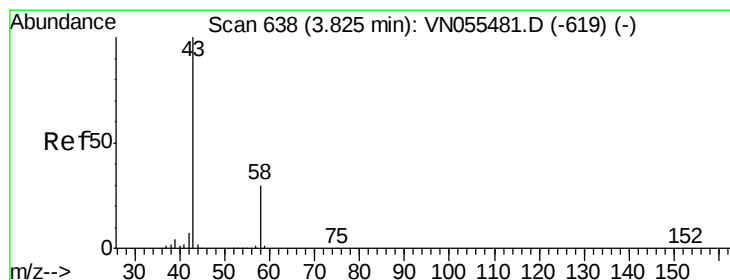
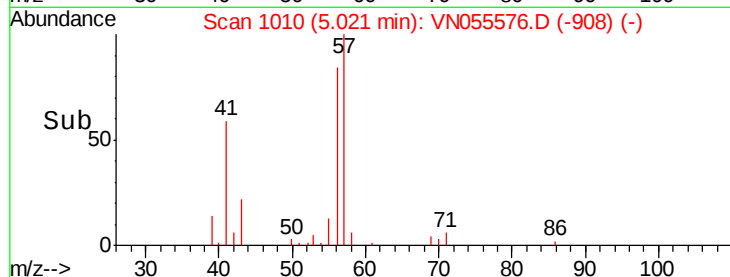
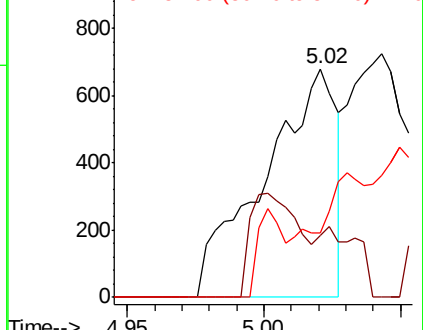
51 28.5 28.3 42.5



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



#16

Acetone

Concen: 1.369 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055576.D

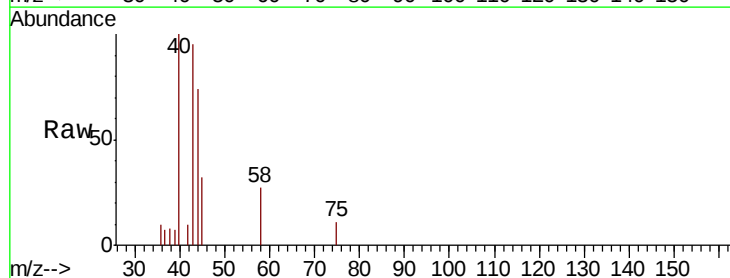
Acq: 13 May 2019 14:17

Tgt Ion: 43 Resp: 7879

Ion Ratio Lower Upper

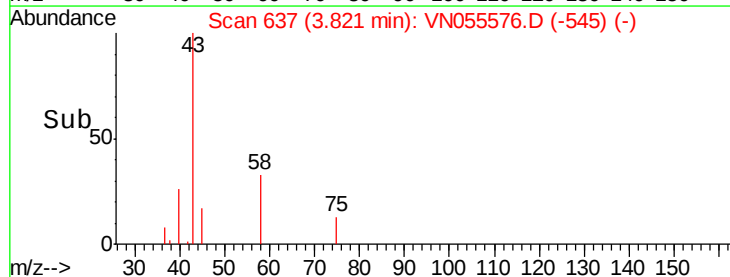
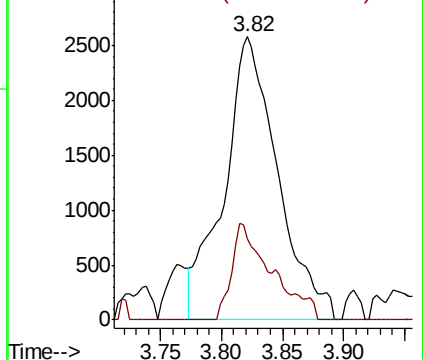
43 100

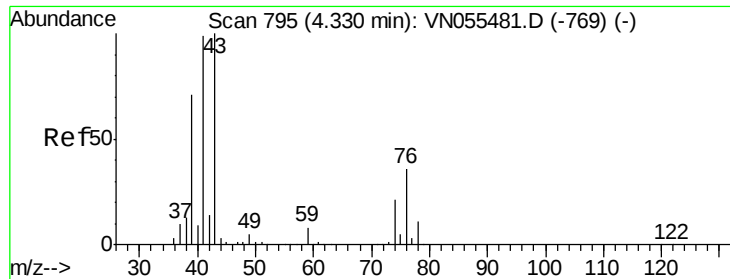
58 28.8 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

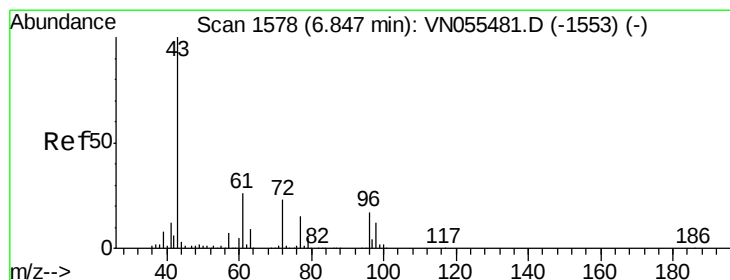
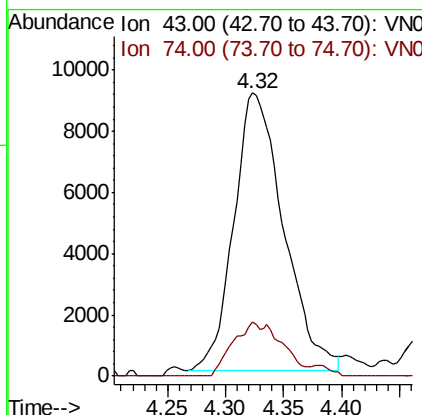
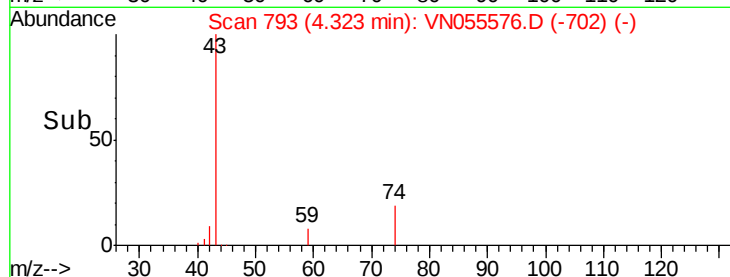
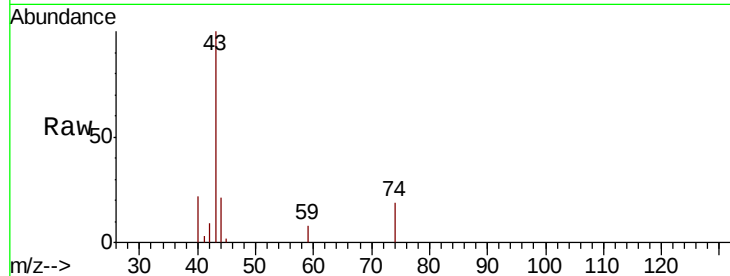




#18
Methyl Acetate
Concen: 1.155 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

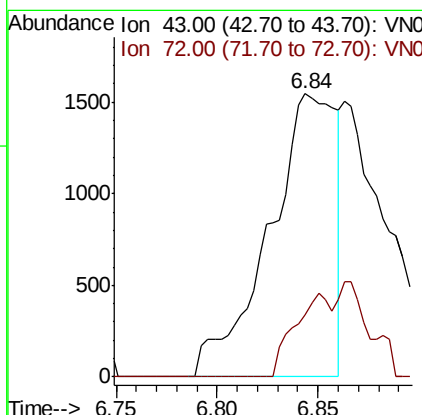
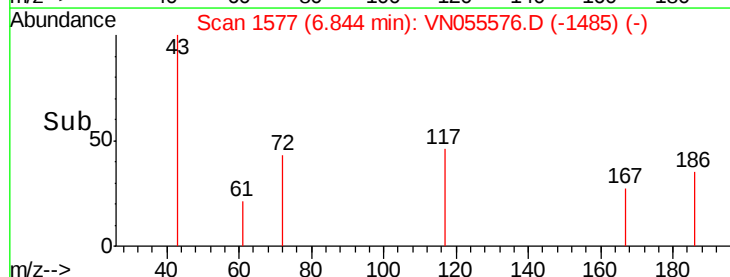
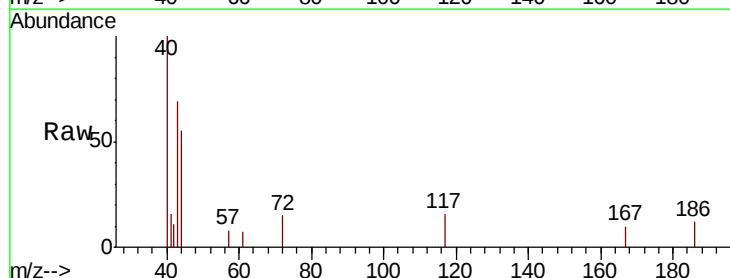
Instrument :
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P026-SS007-0002-01

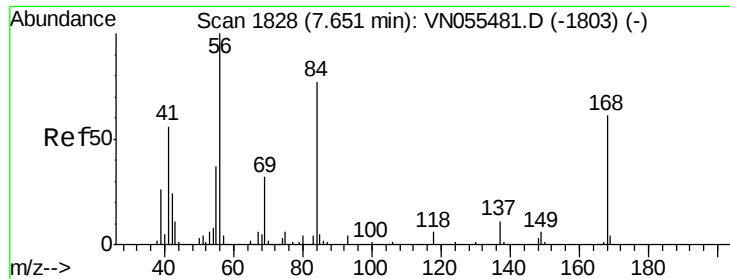
Tot Ion: 43 Resp: 27000
Ion Ratio Lower Upper
43 100
74 10.5 16.3 24.5#



#25
2-Butanone
Concen: 0.446 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Tgt Ion: 43 Resp: 3549
Ion Ratio Lower Upper
43 100
72 21.9 18.6 27.8

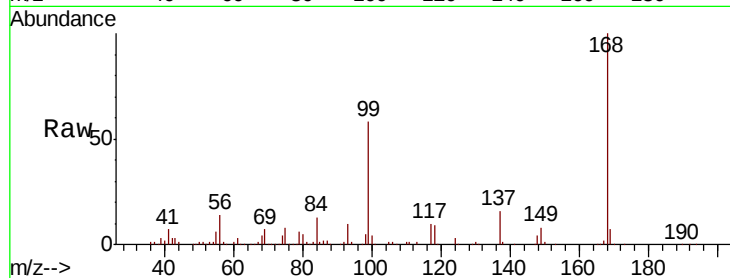




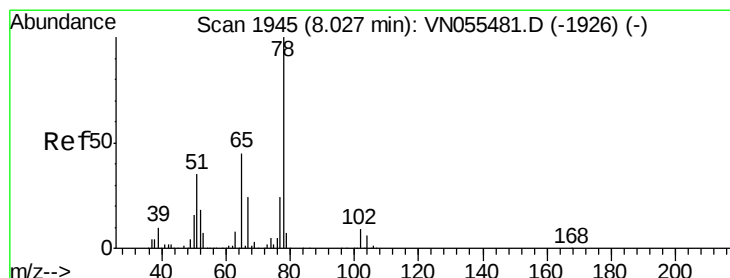
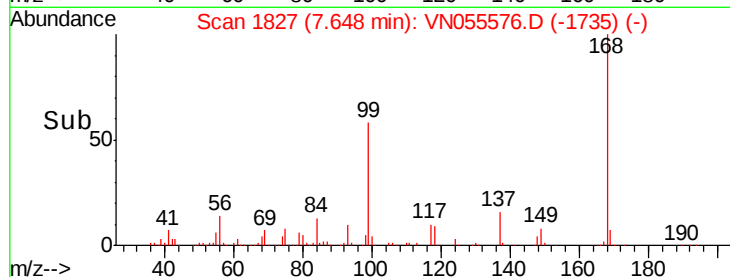
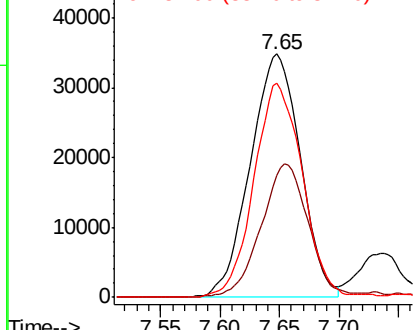
#31
Cyclohexane
Concen: 5.058 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Instrument :
MSVOA_N
ClientSampleId :
P026-SS007-0002-01

Tot Ion: 56 Resp: 101484
Ion Ratio Lower Upper
56 100
69 49.9 26.0 39.0#
84 88.2 61.9 92.9

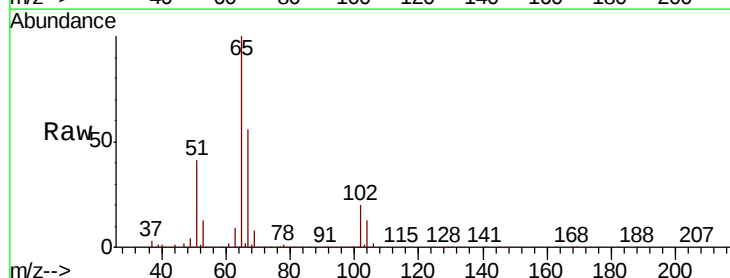


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

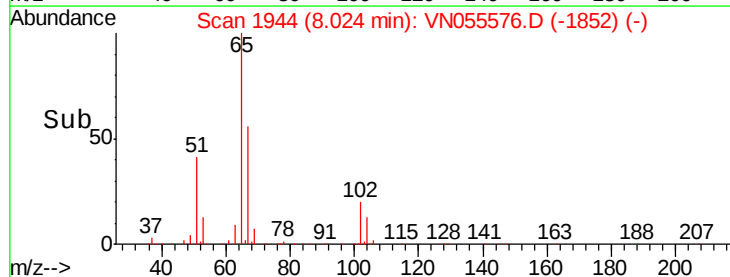
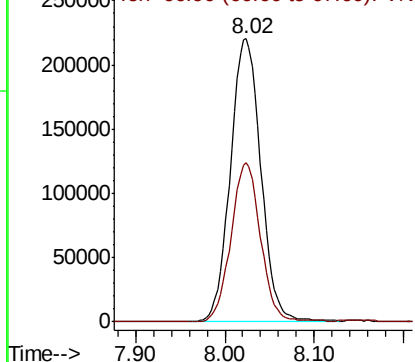


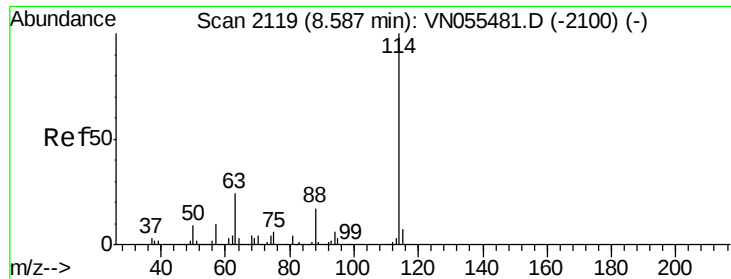
#33
1,2-Dichloroethane-d4
Concen: 42.054 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Tgt Ion: 65 Resp: 522778
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

P026-SS007-0002-01

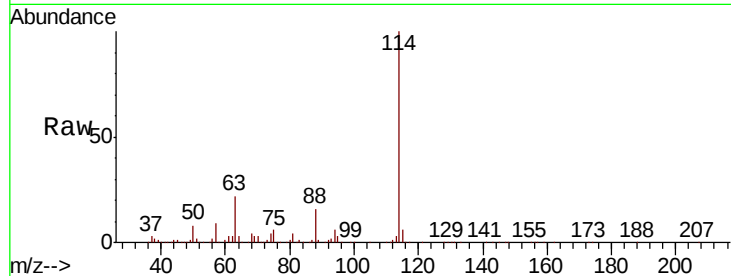
Tot Ion:114 Resp: 1389254

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.4

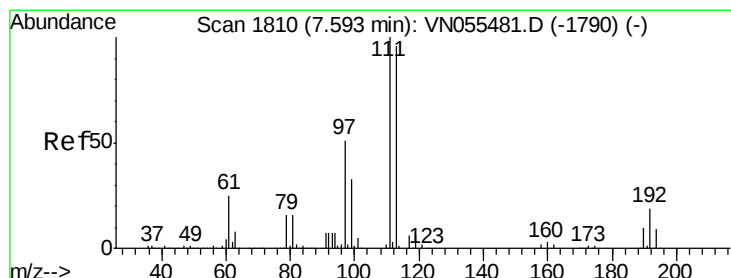
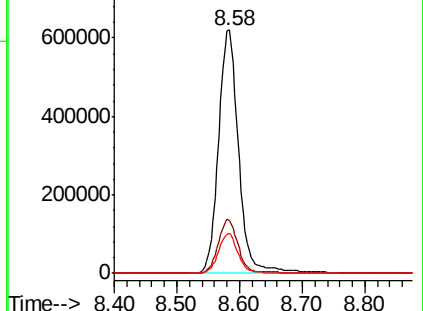
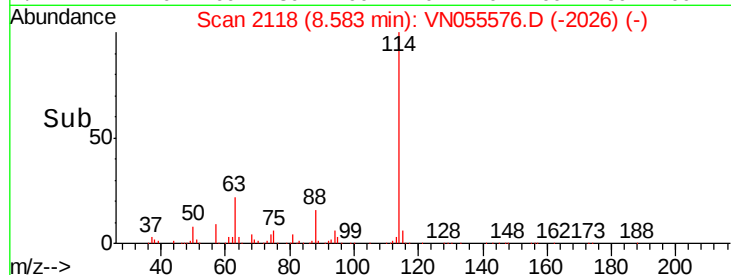
88 16.4 0.0 34.0



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: 45.835 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

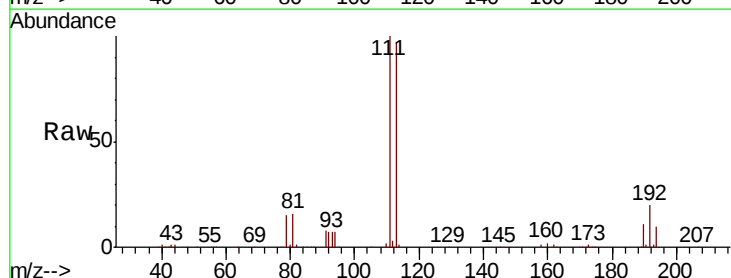
Tgt Ion:113 Resp: 410761

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

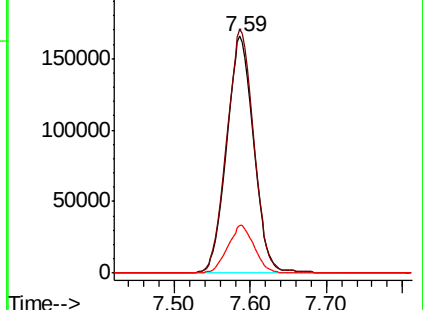
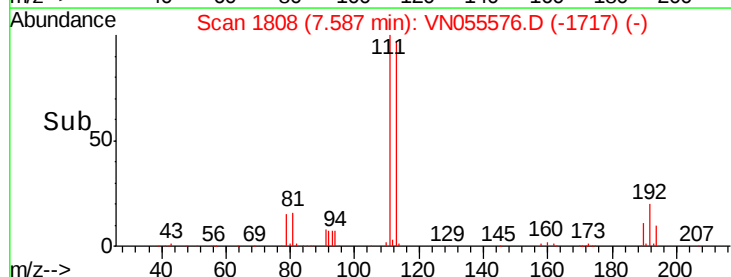
192 19.8 15.6 23.4

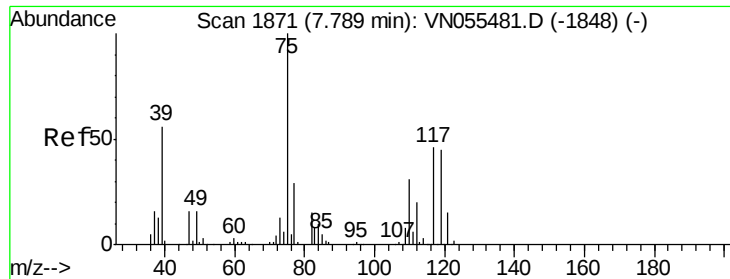


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.736 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

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MSVOA_N

ClientSampleId :

P026-SS007-0002-01

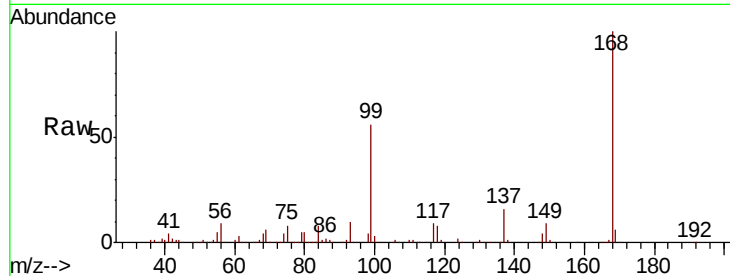
Tot Ion: 75 Resp: 64814

Ion Ratio Lower Upper

75 100

110 7.1 16.1 48.3#

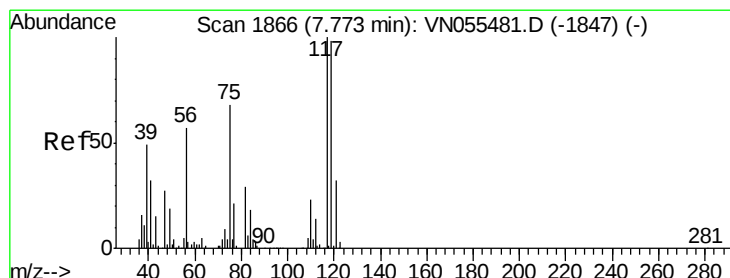
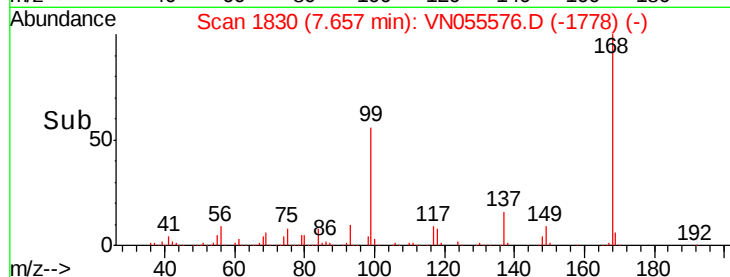
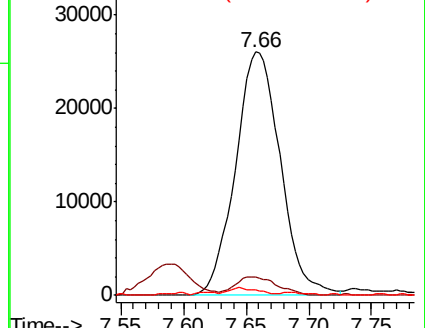
77 2.1 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055576.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN055576.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN055576.D (-1778) (-)



#38

Carbon Tetrachloride

Concen: 6.672 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.12 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

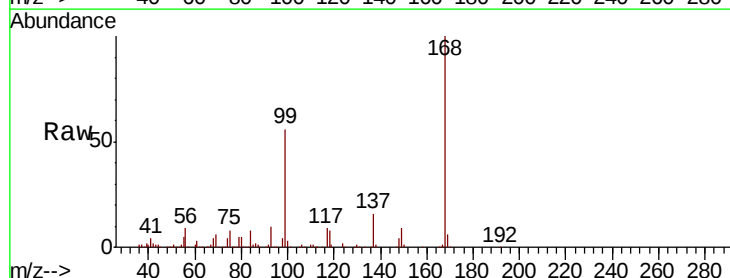
Tgt Ion: 117 Resp: 76887

Ion Ratio Lower Upper

117 100

119 6.4 77.8 116.6#

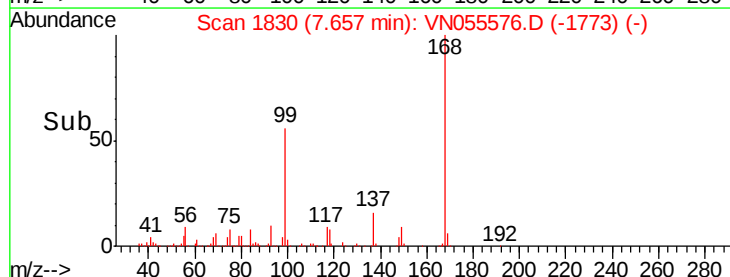
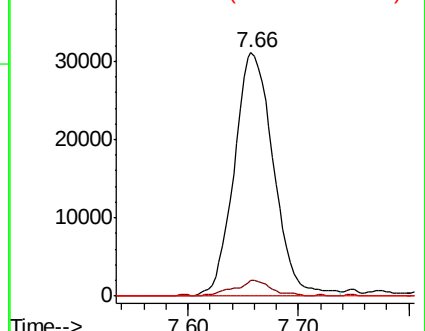
121 0.0 25.2 37.8#

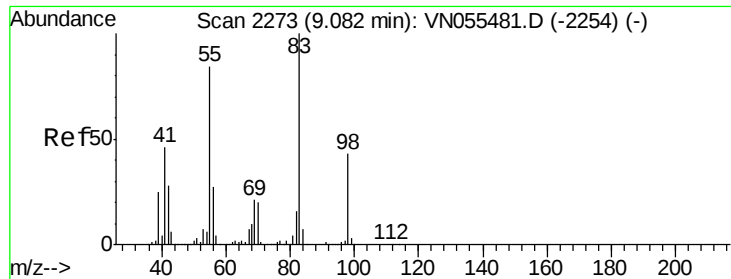


Abundance Ion 116.80 (116.50 to 117.50): VN055576.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN055576.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN055576.D (-1773) (-)

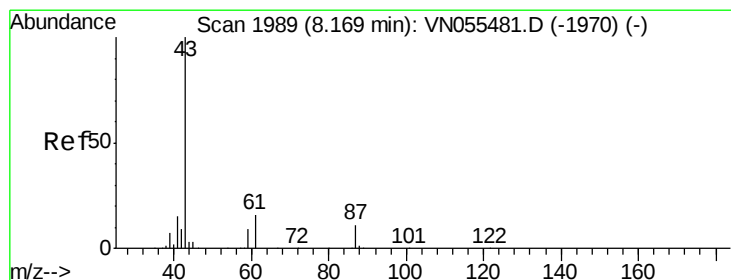
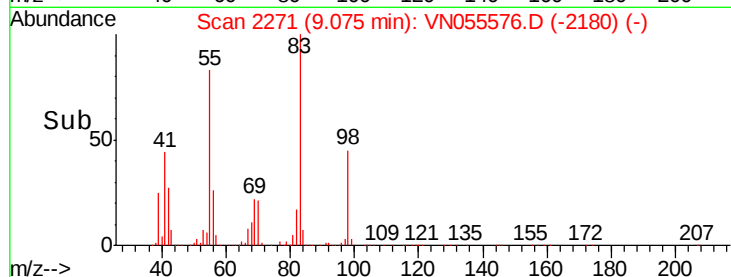
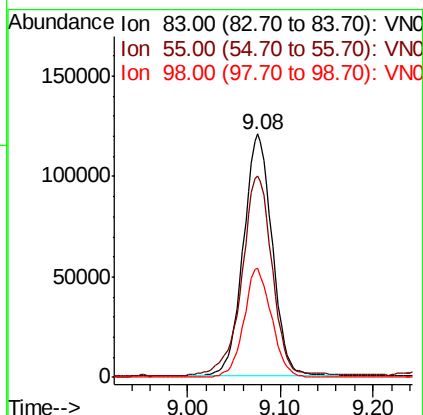
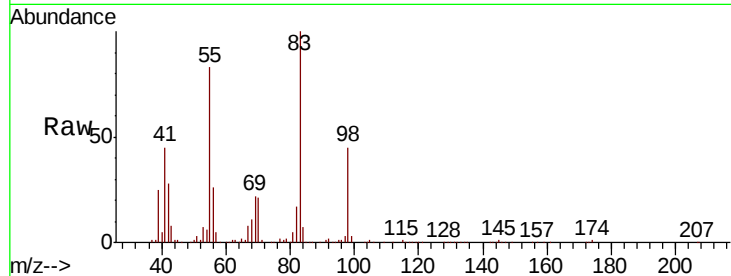




#39
Methylcyclohexane
Concen: 15.561 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

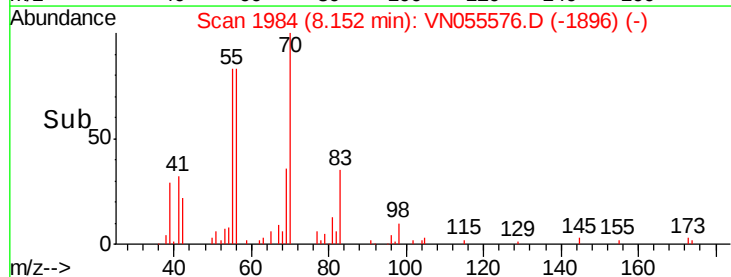
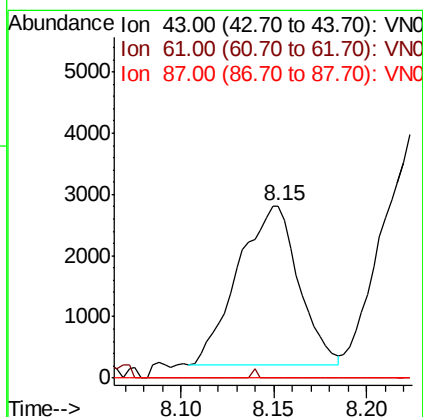
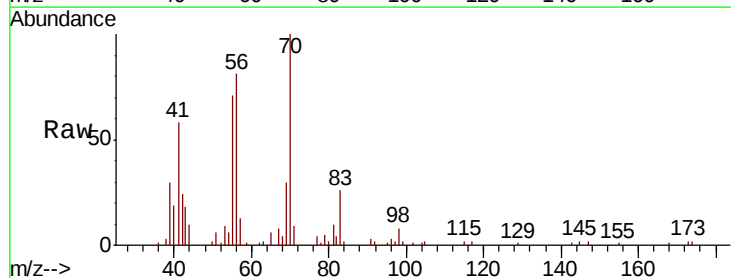
Instrument :
MSVOA_N
ClientSampleId :
P026-SS007-0002-01

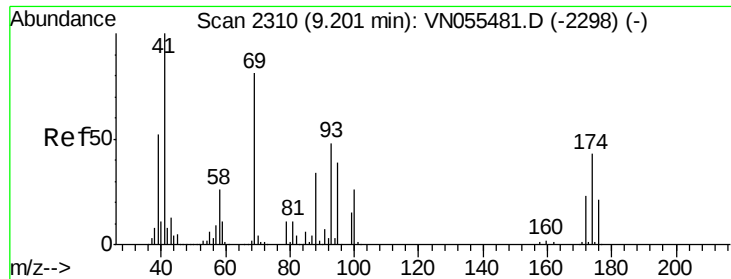
Tot Ion: 83 Resp: 259675
Ion Ratio Lower Upper
83 100
55 82.3 67.0 100.4
98 45.0 34.2 51.4



#43
Isopropyl Acetate
Concen: 0.258 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.02 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Tgt Ion: 43 Resp: 5849
Ion Ratio Lower Upper
43 100
61 0.0 15.1 22.7#
87 0.0 9.0 13.6#





#48

Methyl methacrylate

Concen: 1.099 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

P026-SS007-0002-01

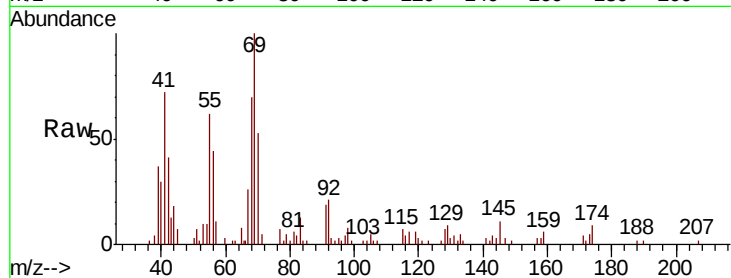
Tot Ion: 41 Resp: 12005

Ion Ratio Lower Upper

41 100

69 153.1 64.2 96.2#

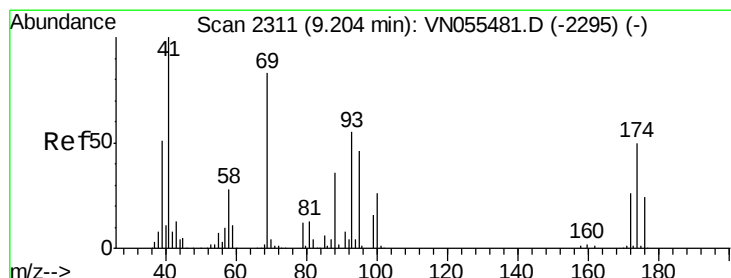
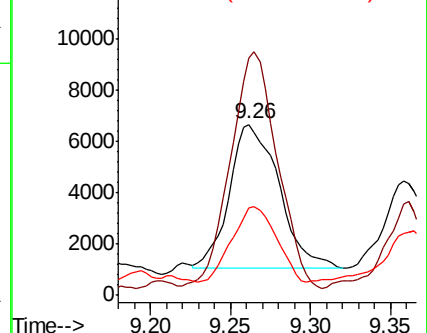
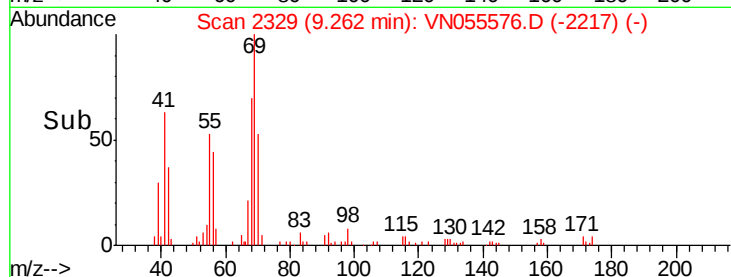
39 45.8 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#49

1,4-Dioxane

Concen: 0.300 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

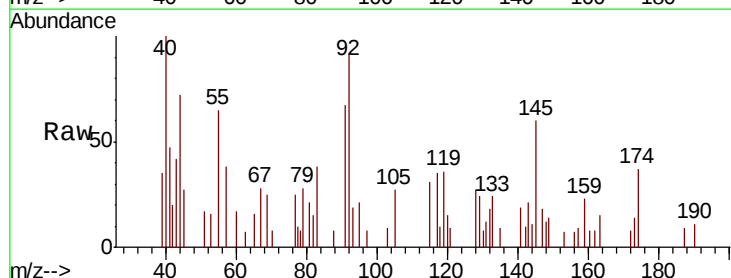
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.8#

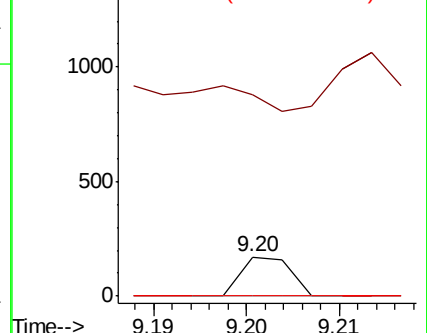
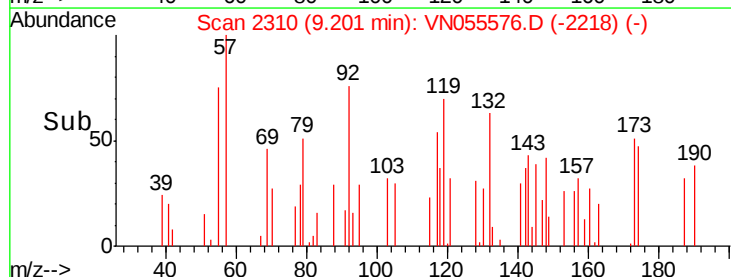
58 0.0 61.8 92.6#

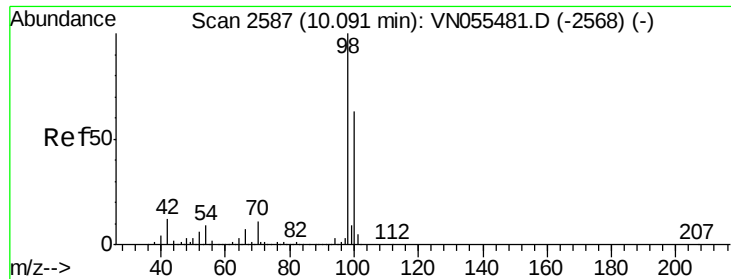


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 48.869 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

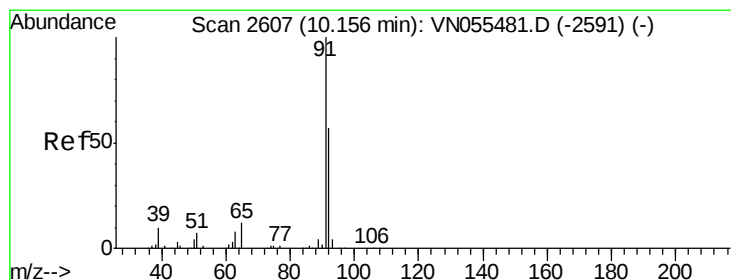
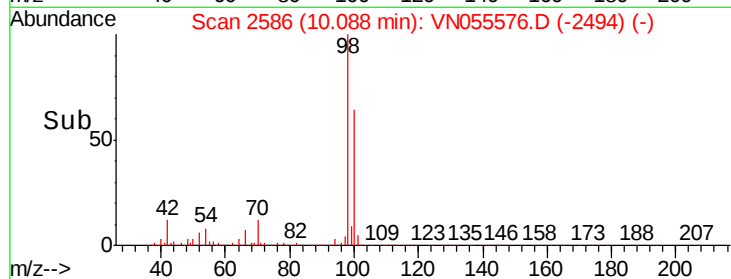
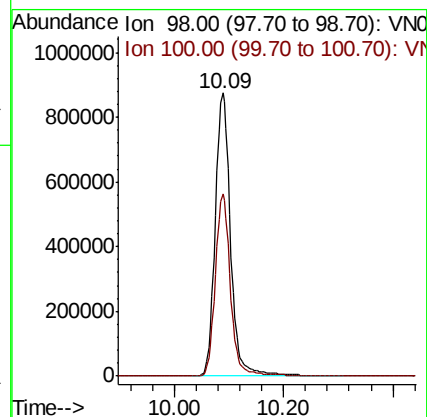
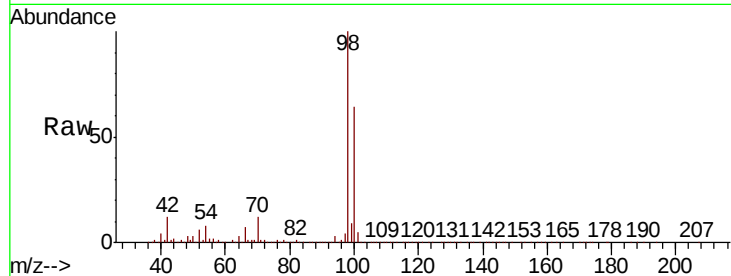
P026-SS007-0002-01

Tot Ion: 98 Resp: 1706647

Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6



#52

Toluene

Concen: 1.264 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055576.D

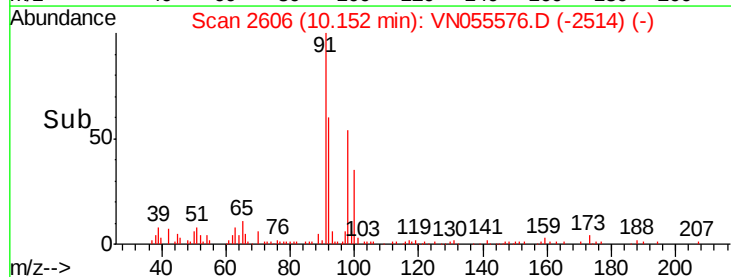
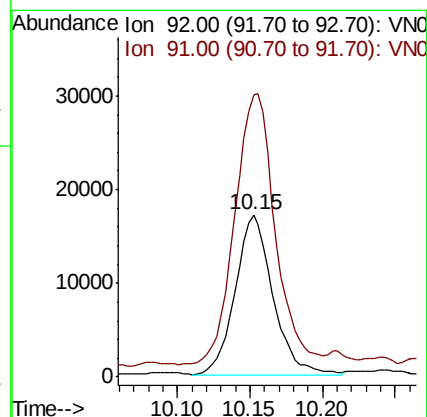
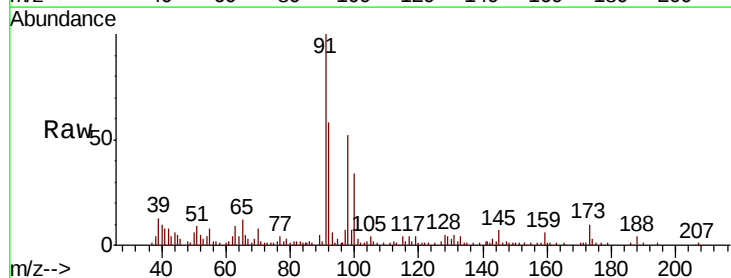
Acq: 13 May 2019 14:17

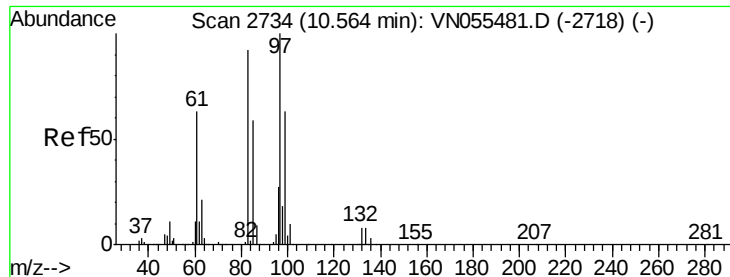
Tgt Ion: 92 Resp: 30687

Ion Ratio Lower Upper

92 100

91 180.9 140.5 210.7

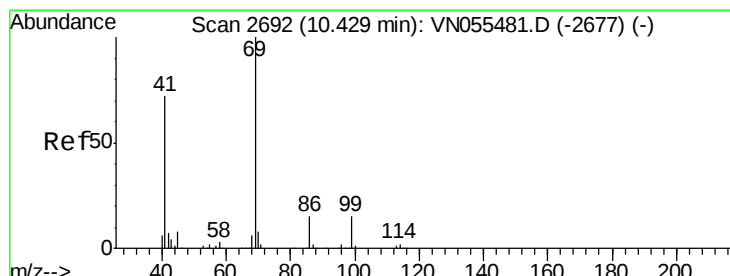
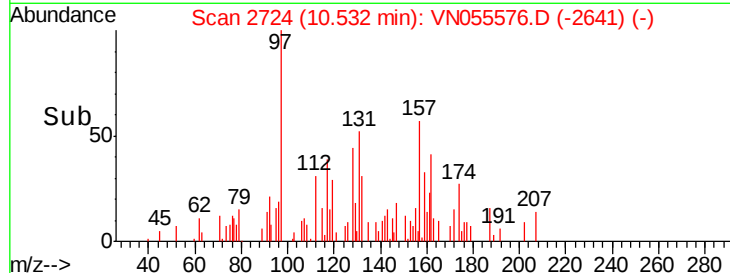
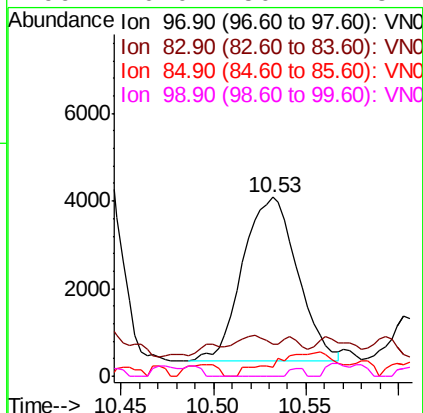
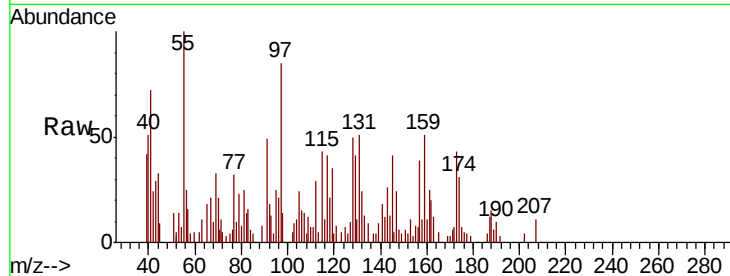




#55
 1,1,2-Trichloroethane
 Concen: 0.781 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

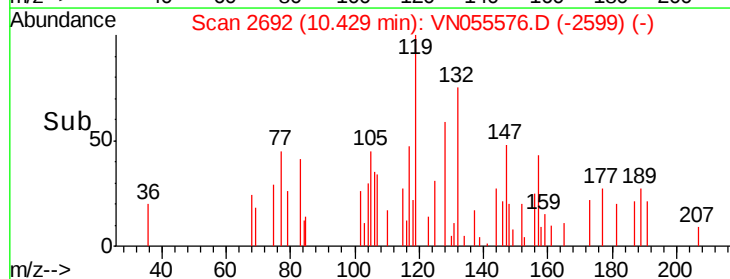
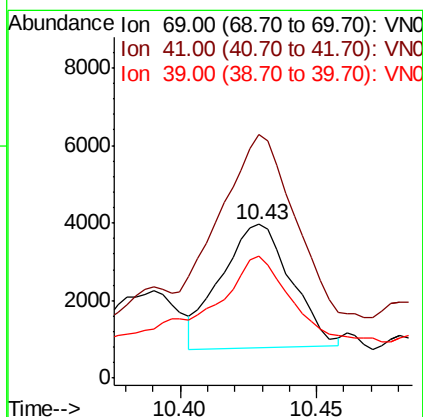
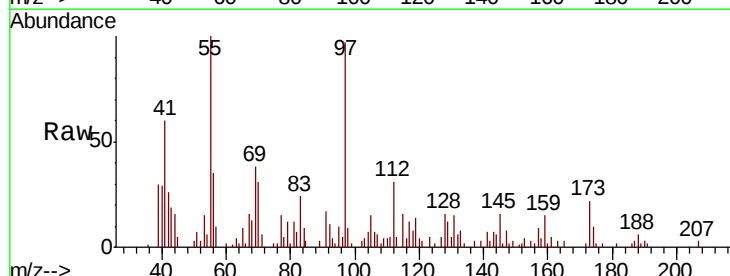
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS007-0002-01

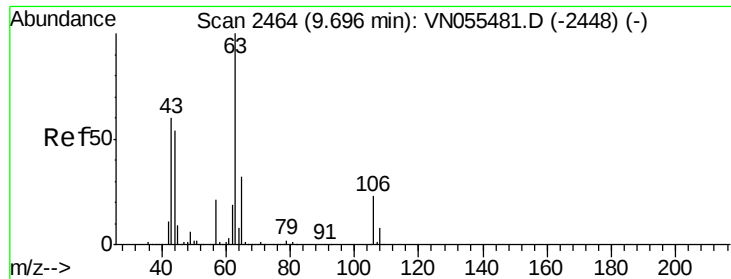
Tot Ion: 97 Resp: 7681
 Ion Ratio Lower Upper
 97 100
 83 7.2 73.2 109.8#
 85 0.0 47.5 71.3#
 99 0.0 50.2 75.2#



#56
 Ethyl methacrylate
 Concen: 0.391 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

Tgt Ion: 69 Resp: 5723
 Ion Ratio Lower Upper
 69 100
 41 157.8 56.2 84.2#
 39 107.5 27.8 41.6#

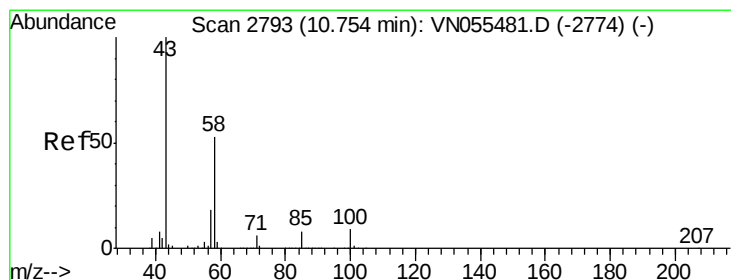
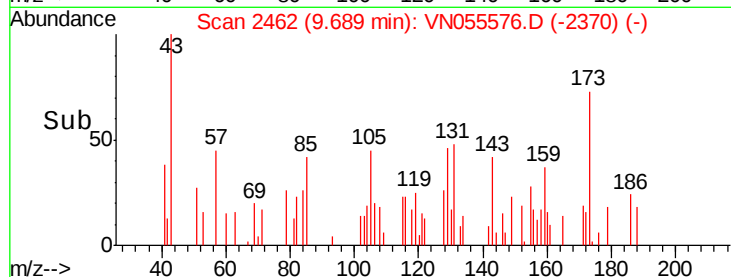
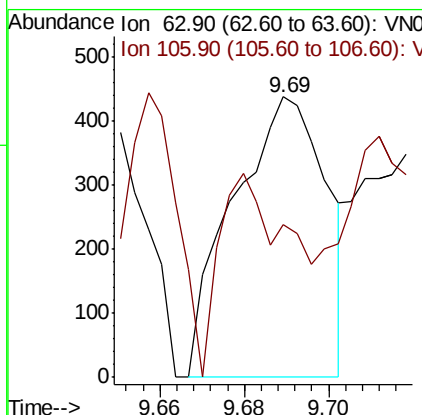
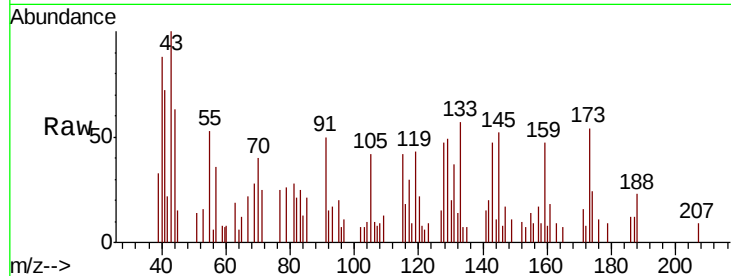




#58
2-Chloroethyl Vinyl ether
Concen: 12.641 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. -0.01 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

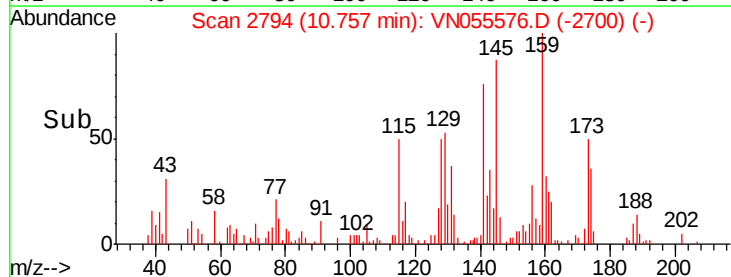
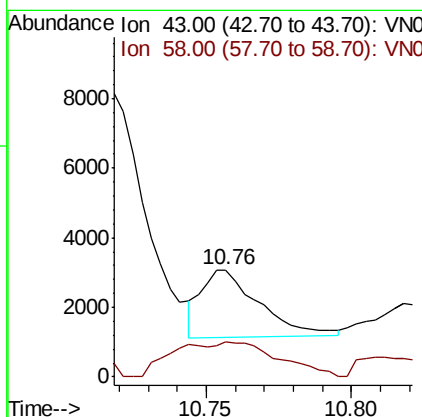
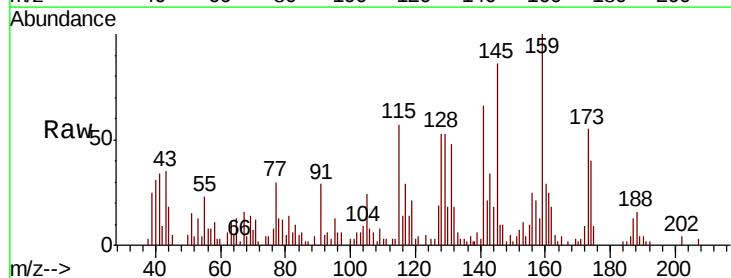
Instrument :
MSVOA_N
ClientSampleId :
P026-SS007-0002-01

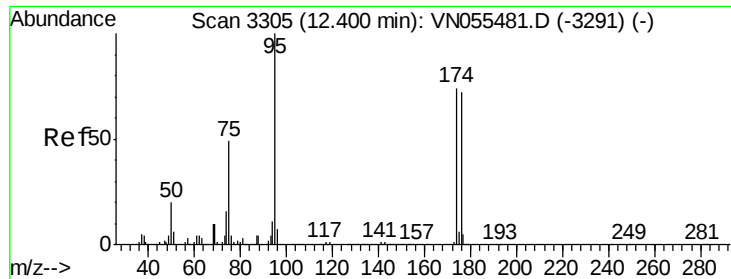
Tot Ion: 63 Resp: 670
Ion Ratio Lower Upper
63 100
106 55.2 18.6 27.8#



#59
2-Hexanone
Concen: 0.258 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Tgt Ion: 43 Resp: 2702
Ion Ratio Lower Upper
43 100
58 36.3 26.4 79.0

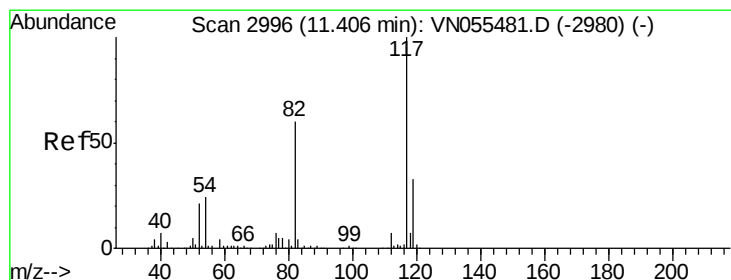
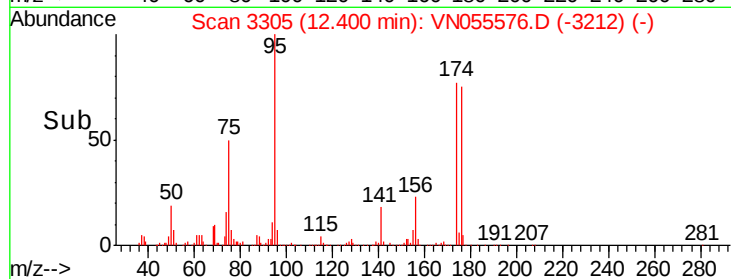
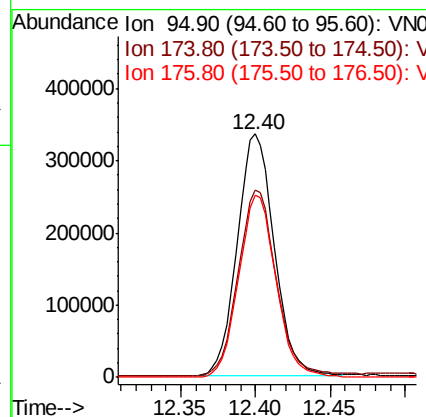
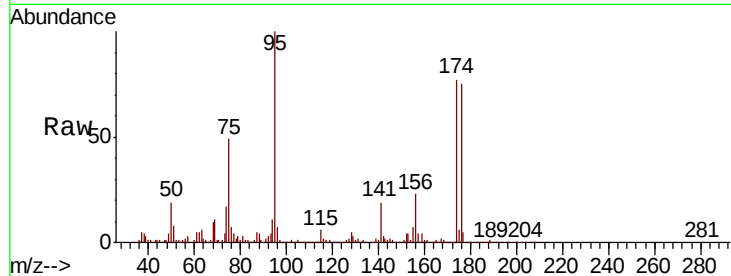




#62
4-Bromofluorobenzene
Concen: 49.162 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

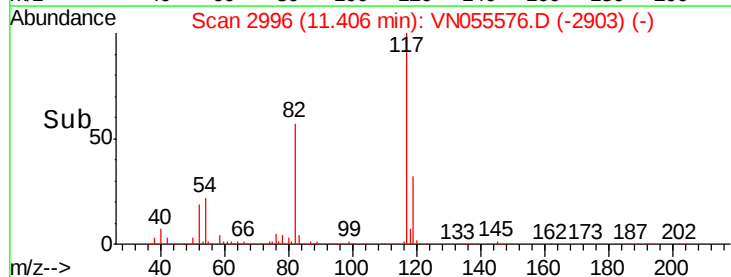
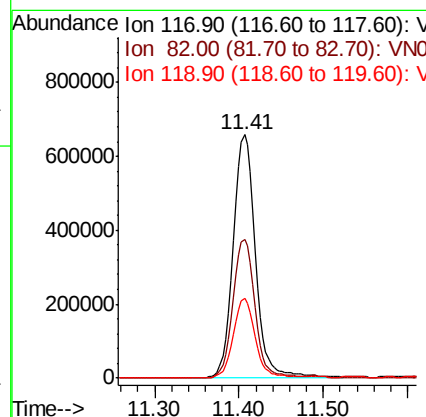
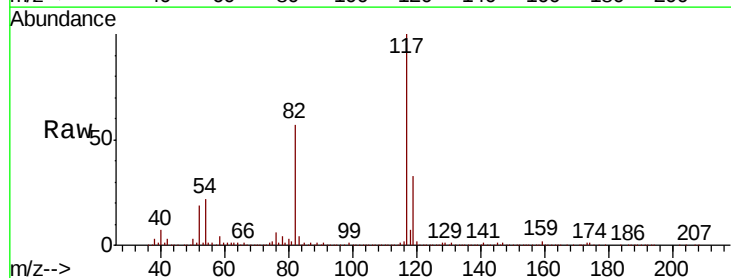
Instrument :
MSVOA_N
ClientSampleId :
P026-SS007-0002-01

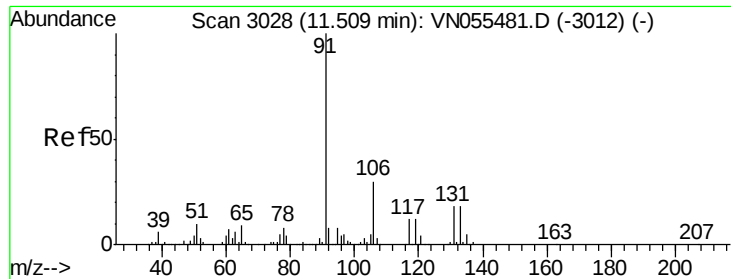
Tot Ion: 95 Resp: 578918
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.2
176 75.7 0.0 147.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Tgt Ion: 117 Resp: 1196560
Ion Ratio Lower Upper
117 100
82 57.0 48.0 72.0
119 32.3 26.0 39.0

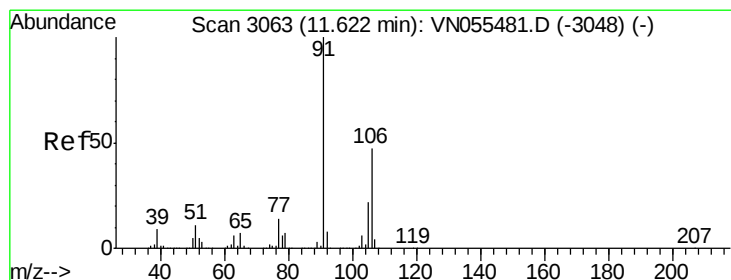
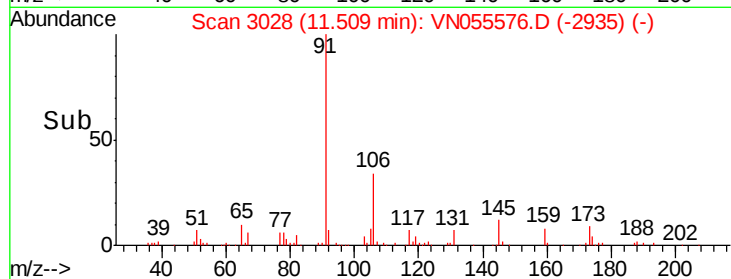
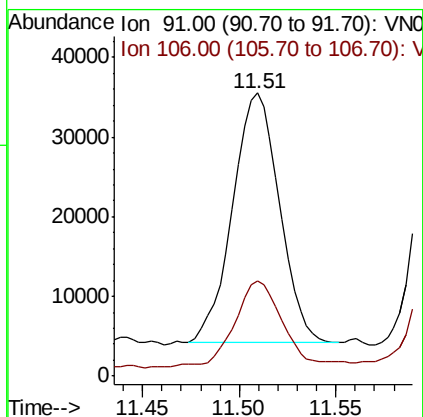
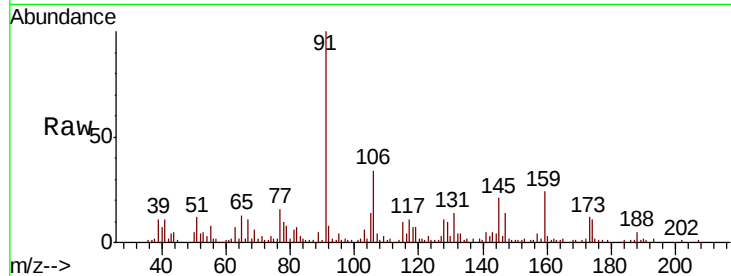




#67
Ethyl Benzene
Concen: 1.146 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

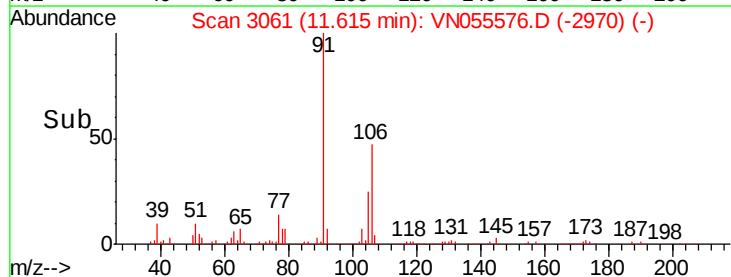
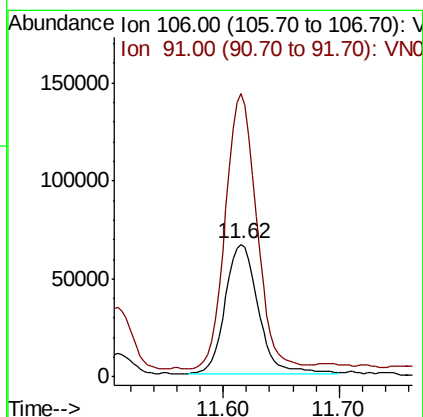
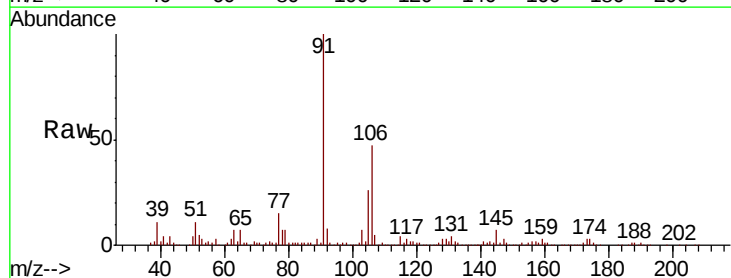
Instrument :
MSVOA_N
ClientSampleId :
P026-SS007-0002-01

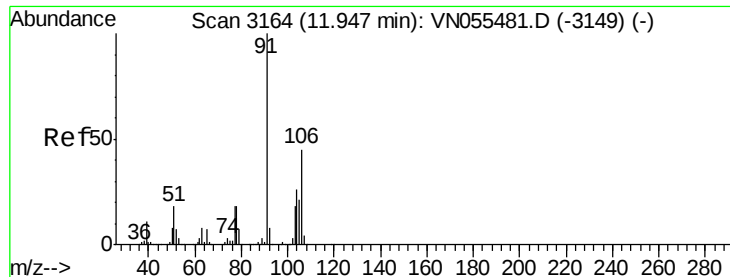
Tot Ion: 91 Resp: 52963
Ion Ratio Lower Upper
91 100
106 33.5 23.8 35.6



#68
m/p-Xylenes
Concen: 7.800 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Tgt Ion: 106 Resp: 129421
Ion Ratio Lower Upper
106 100
91 204.1 169.2 253.8

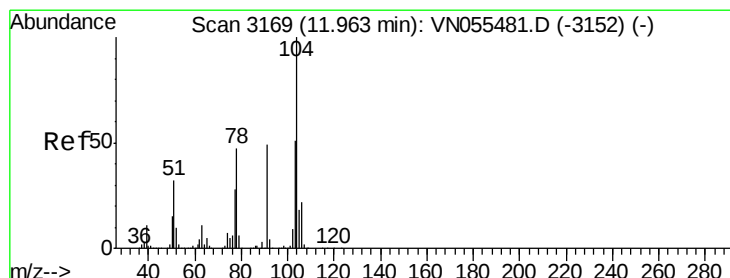
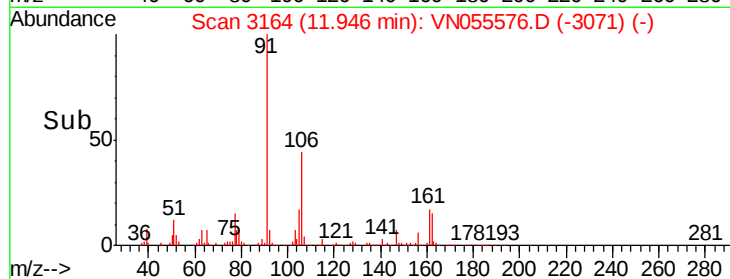
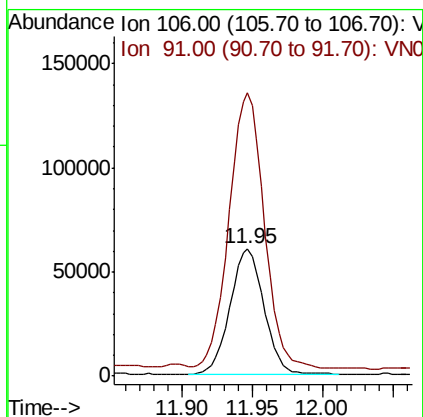
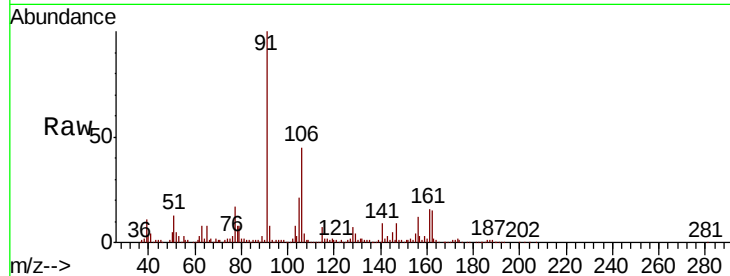




#69
o-Xylene
Concen: 6.291 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

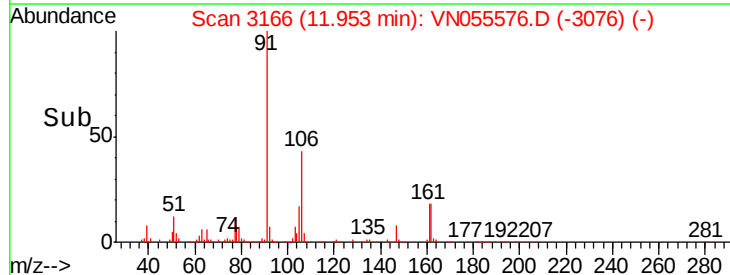
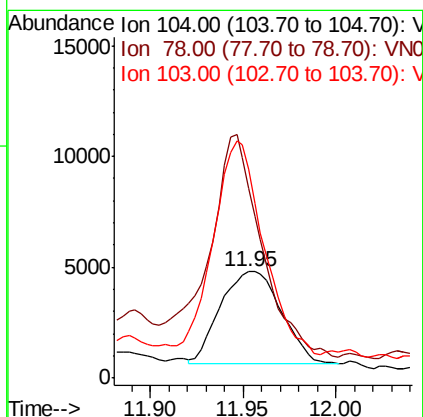
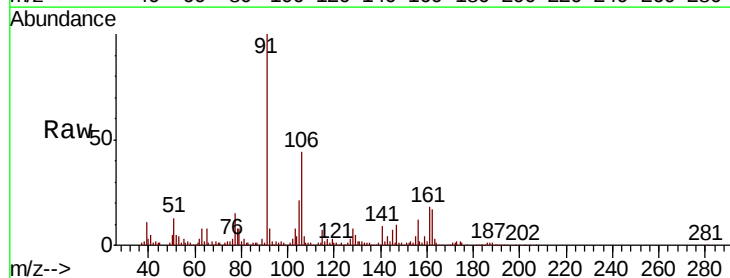
Instrument :
MSVOA_N
ClientSampleId :
P026-SS007-0002-01

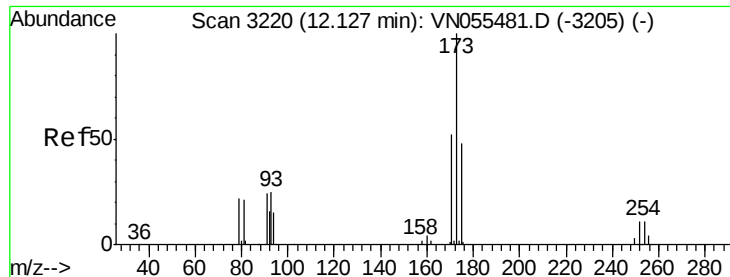
Tot Ion:106 Resp: 102601
Ion Ratio Lower Upper
106 100
91 224.3 111.3 333.8



#70
Styrene
Concen: 0.360 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. -0.01 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Tgt Ion:104 Resp: 9419
Ion Ratio Lower Upper
104 100
78 214.0 41.6 62.4#
103 193.3 44.4 66.6#





#71

Bromoform

Concen: 0.293 ug/l

RT: 12.18 min Scan# 3238

Delta R.T. 0.06 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

P026-SS007-0002-01

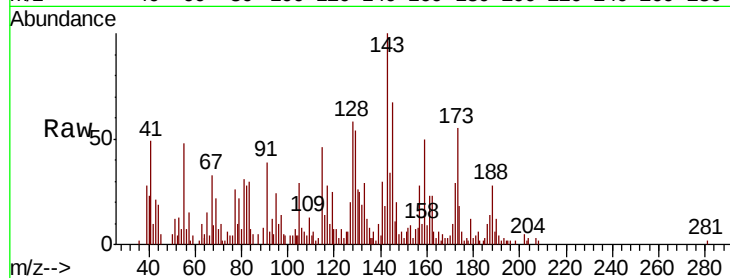
Tot Ion:173 Resp: 1674

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

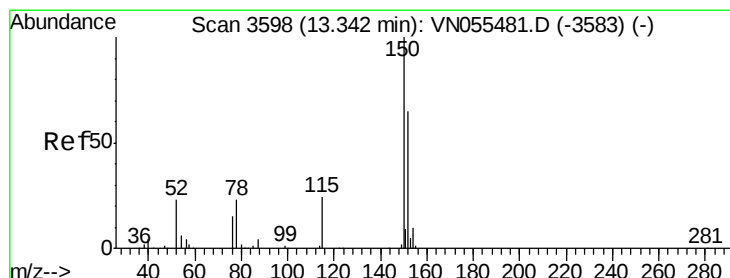
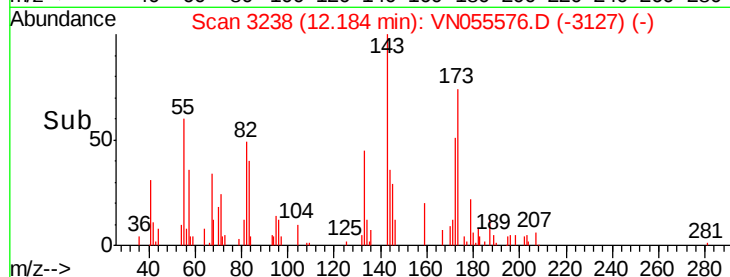
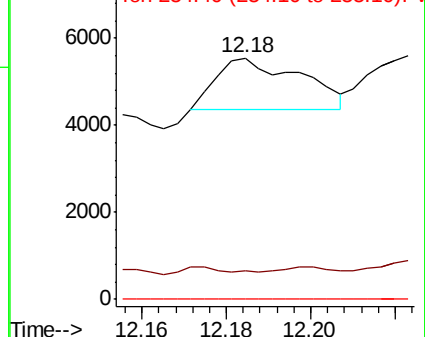
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

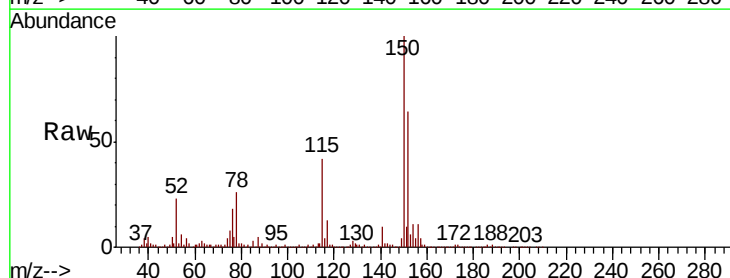
Tgt Ion:152 Resp: 529271

Ion Ratio Lower Upper

152 100

115 70.7 30.1 90.5

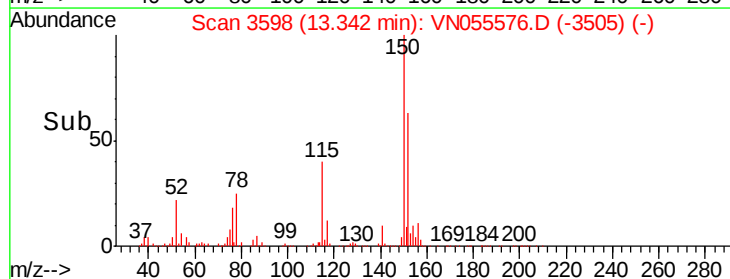
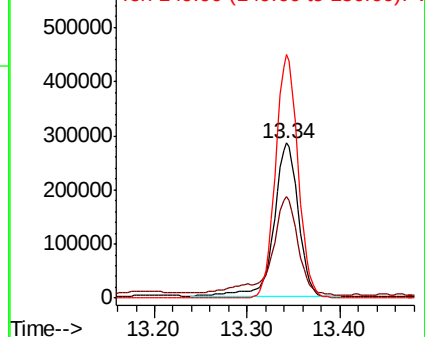
150 144.4 0.0 355.0

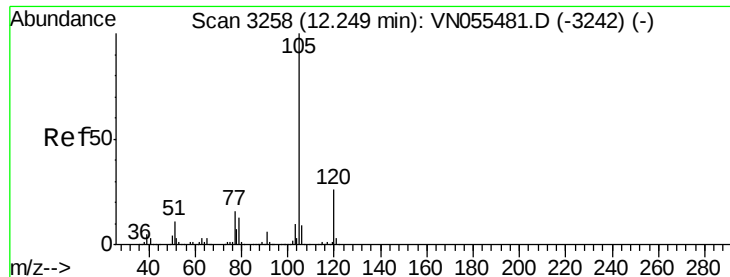


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3257

Delta R.T. -0.00 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

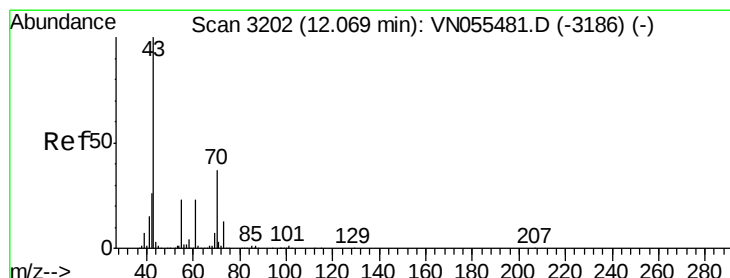
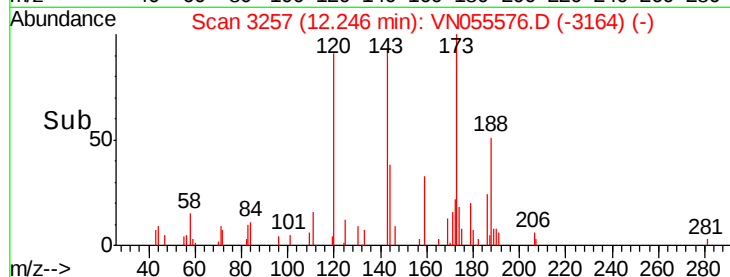
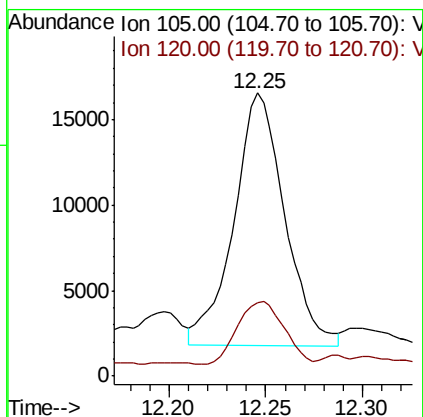
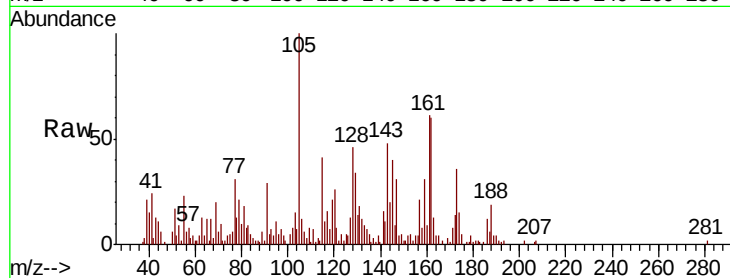
P026-SS007-0002-01

Tot Ion:105 Resp: 27003

Ion Ratio Lower Upper

105 100

120 23.1 13.0 39.0



#74

N-ethyl acetate

Concen: 0.488 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Tgt Ion: 43 Resp: 9802

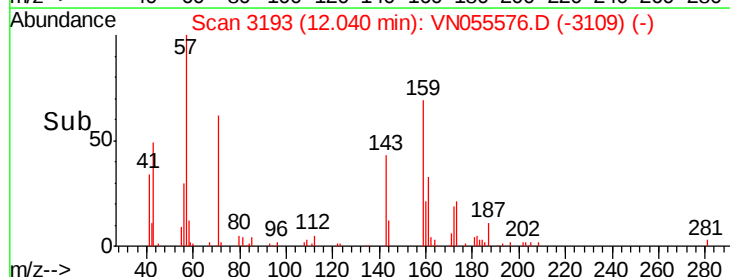
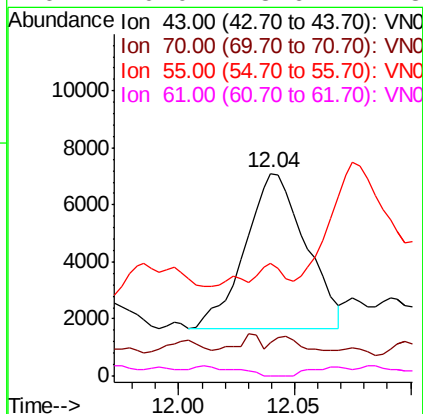
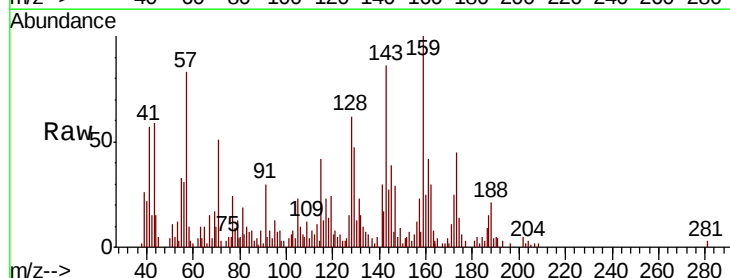
Ion Ratio Lower Upper

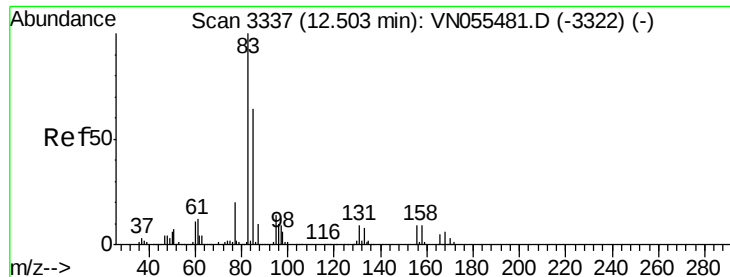
43 100

70 3.2 30.7 46.1#

55 4.0 19.3 28.9#

61 0.0 18.6 27.8#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

P026-SS007-0002-01

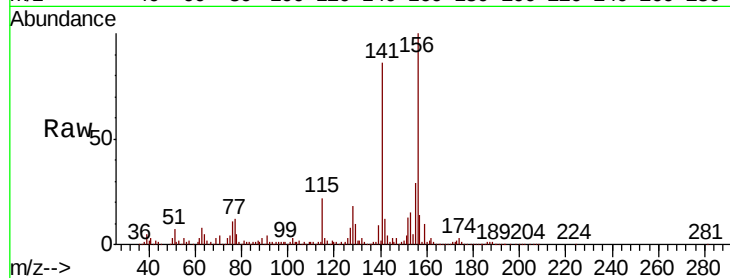
Tot Ion: 83 Resp: 285

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

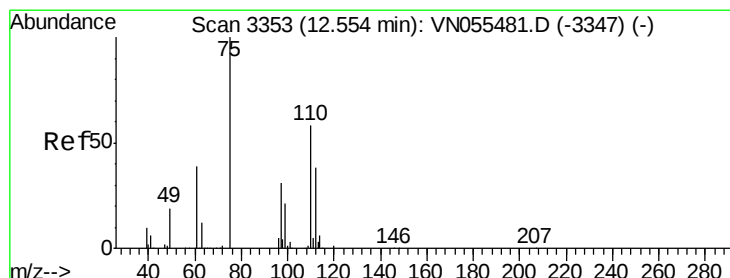
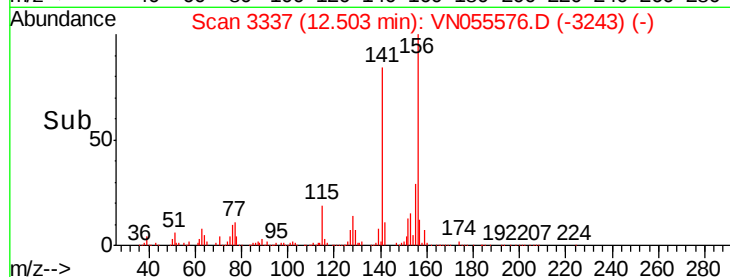
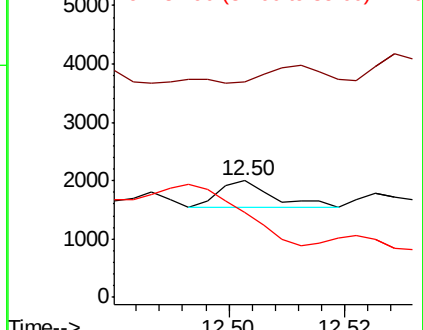
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 21.012 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055576.D

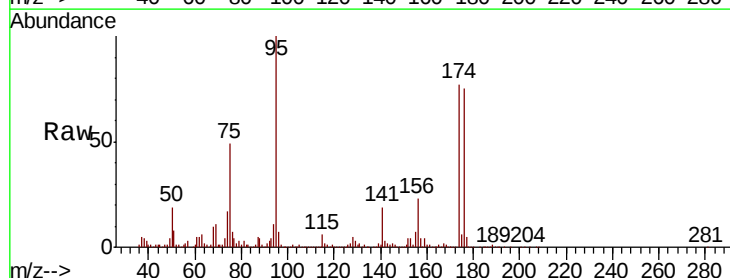
Acq: 13 May 2019 14:17

Tgt Ion: 75 Resp: 302755

Ion Ratio Lower Upper

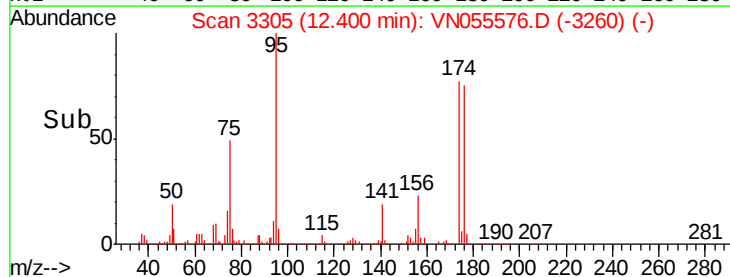
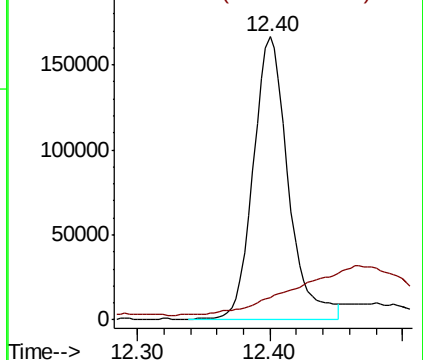
75 100

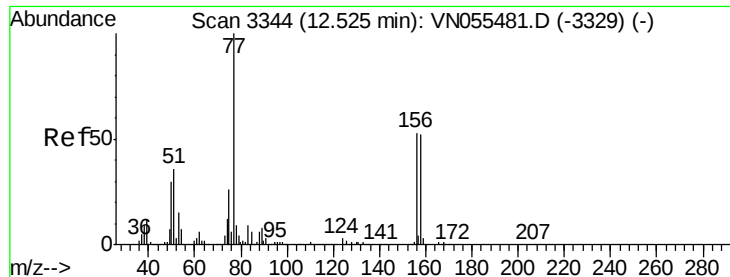
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 139.919 ug/l

RT: 12.46 min Scan# 3325

Delta R.T. -0.06 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

P026-SS007-0002-01

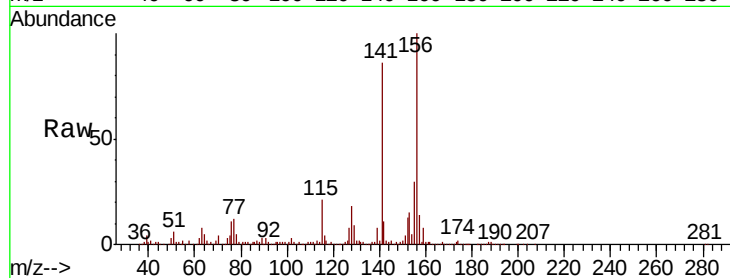
Tot Ion:156 Resp: 1632031

Ion Ratio Lower Upper

156 100

77 11.0 115.4 346.2#

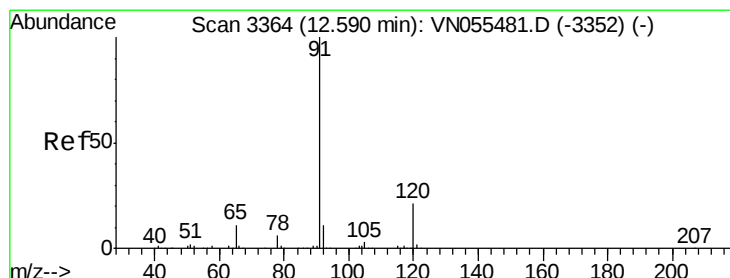
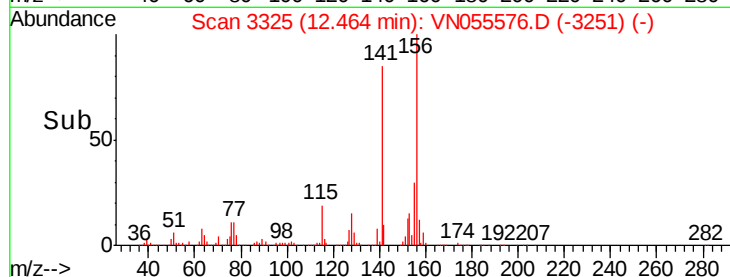
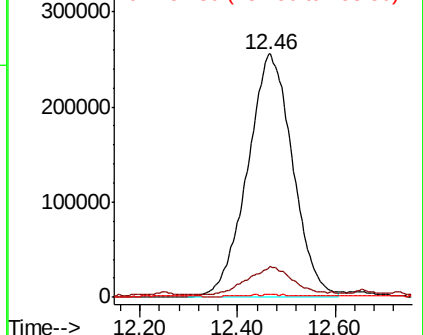
158 0.0 48.7 146.1#



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



#78

n-propylbenzene

Concen: 0.503 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055576.D

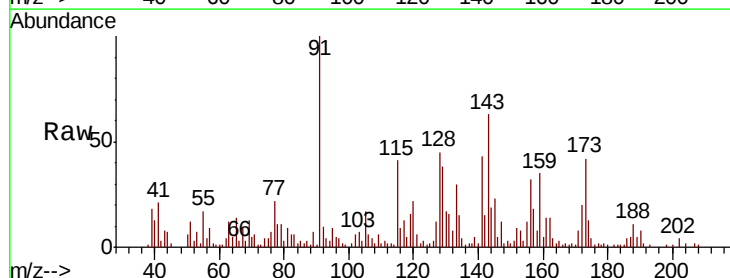
Acq: 13 May 2019 14:17

Tgt Ion: 91 Resp: 28526

Ion Ratio Lower Upper

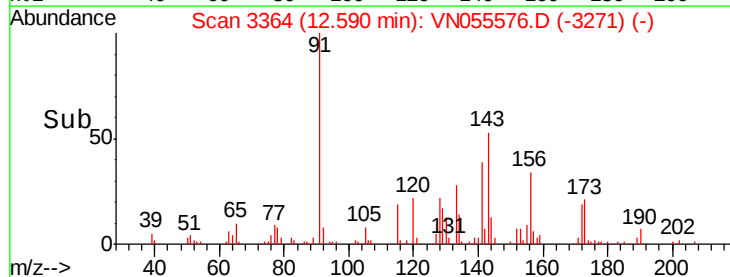
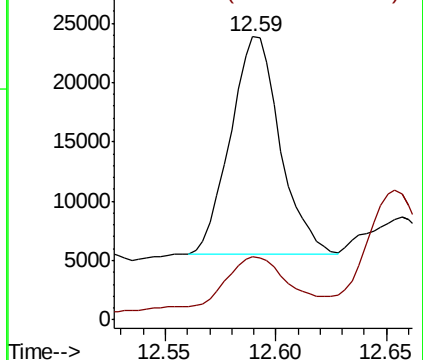
91 100

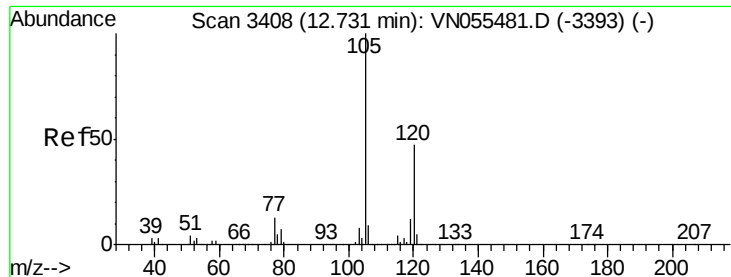
120 39.0 10.8 32.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

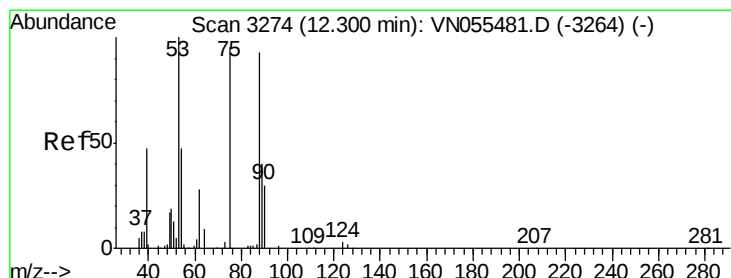
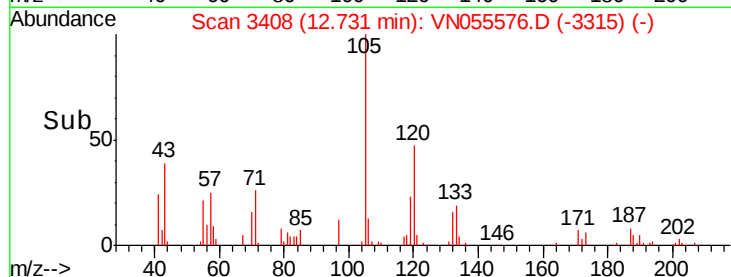
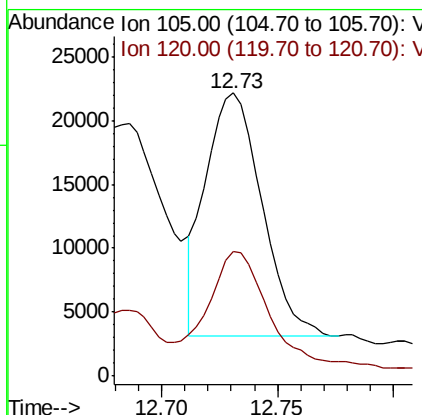
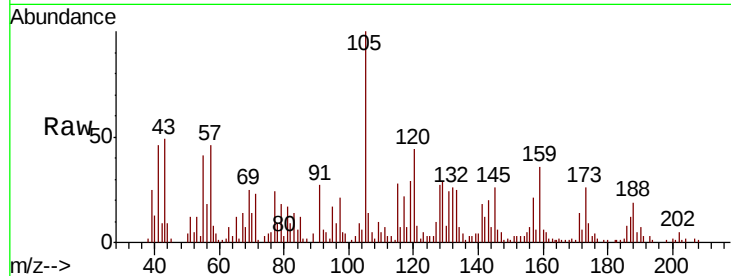




#80
 1,3,5-Trimethylbenzene
 Concen: 0.755 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

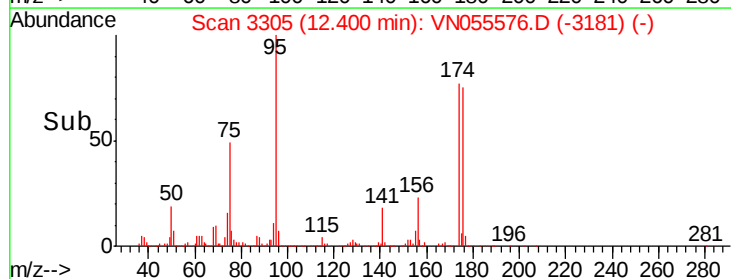
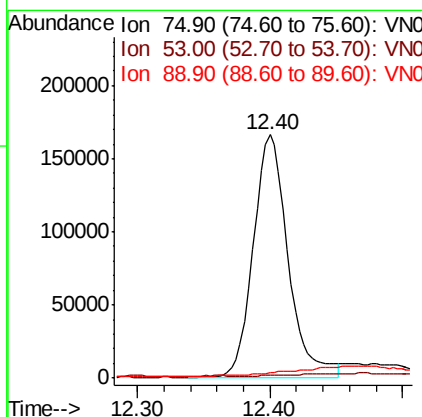
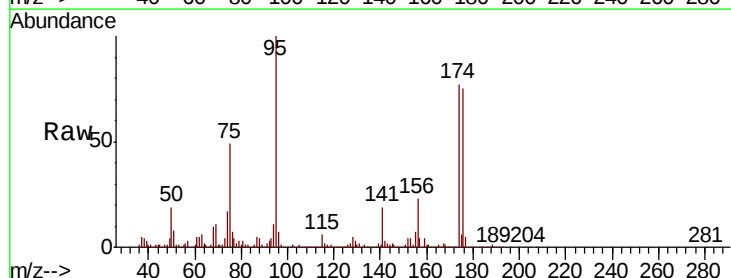
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS007-0002-01

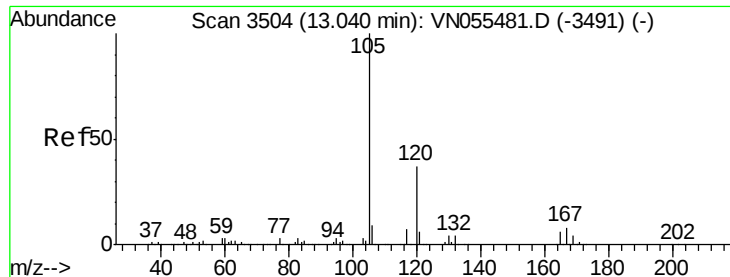
Tot Ion:105 Resp: 31949
 Ion Ratio Lower Upper
 105 100
 120 53.3 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.532 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

Tgt Ion: 75 Resp: 302755
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 35.7 53.5#

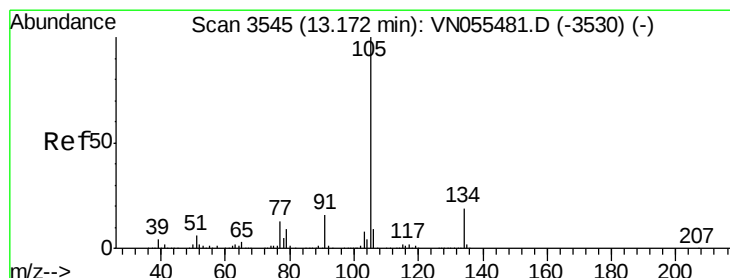
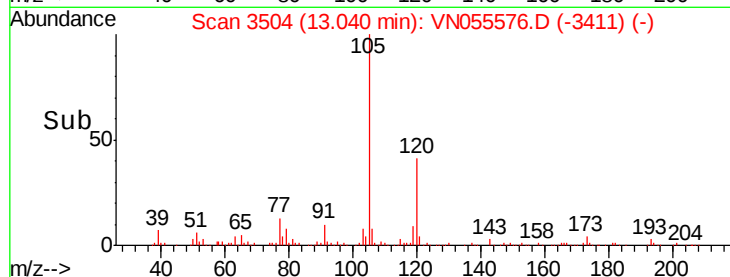
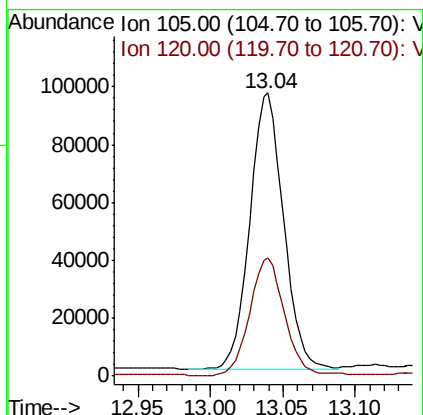
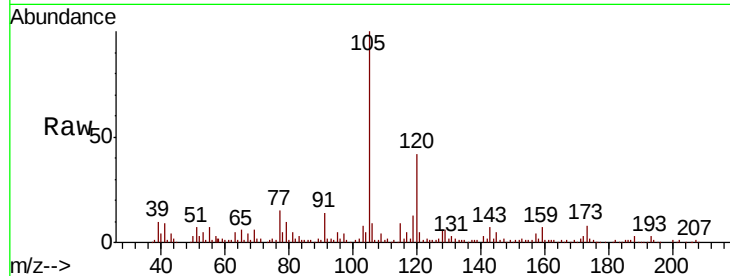




#84
 1,2,4-Trimethylbenzene
 Concen: 3.981 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

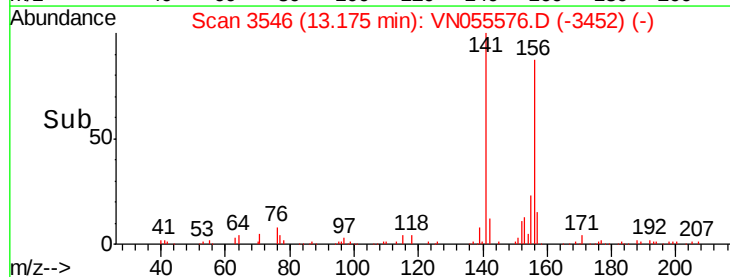
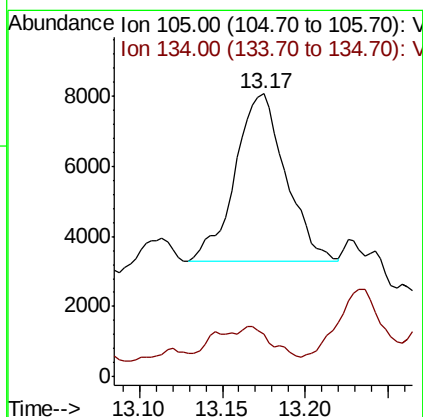
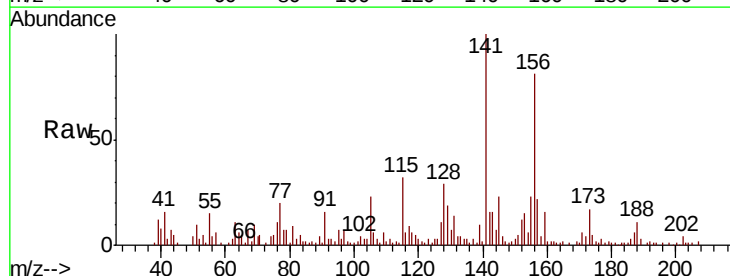
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS007-0002-01

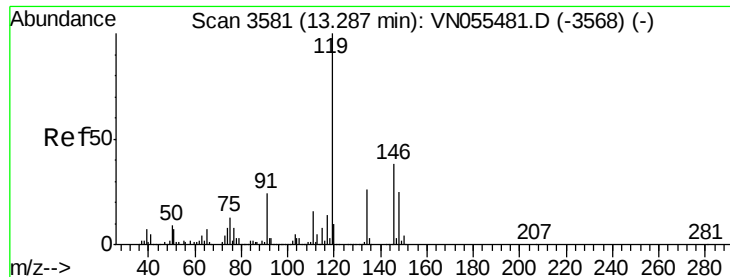
Tot Ion:105 Resp: 154564
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 0.210 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

Tgt Ion:105 Resp: 10148
 Ion Ratio Lower Upper
 105 100
 134 10.3 9.3 28.0

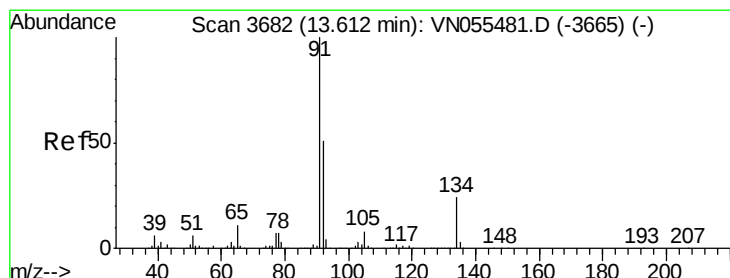
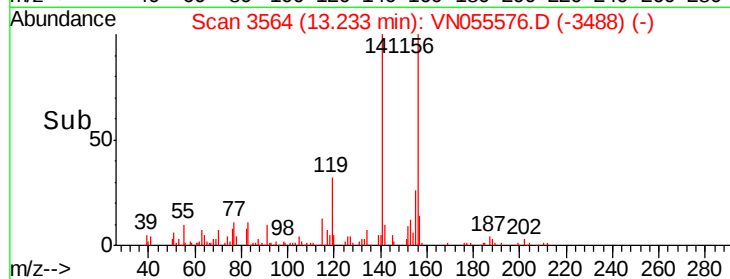
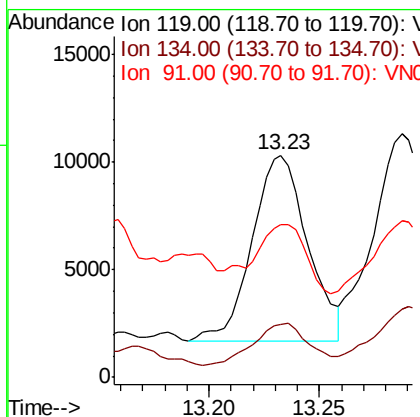
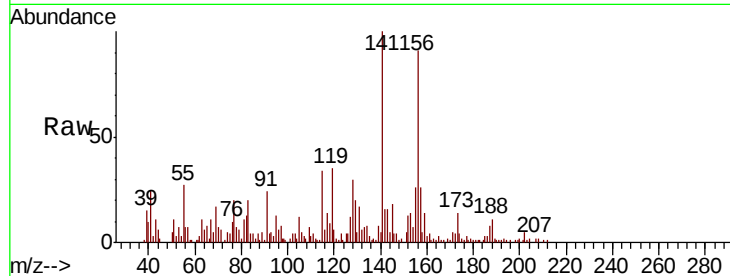




#86
 p-Isopropyltoluene
 Concen: 0.383 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.05 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

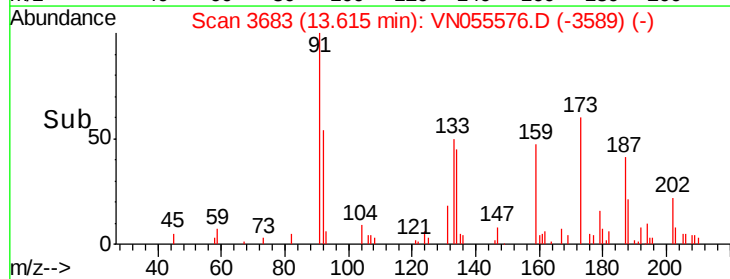
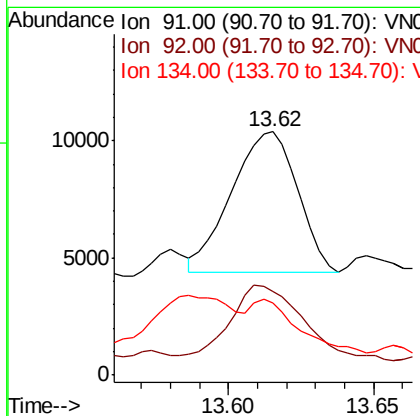
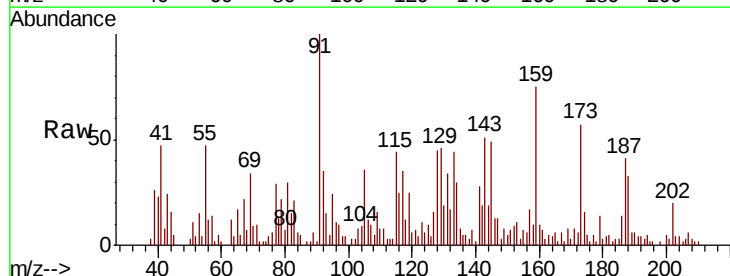
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS007-0002-01

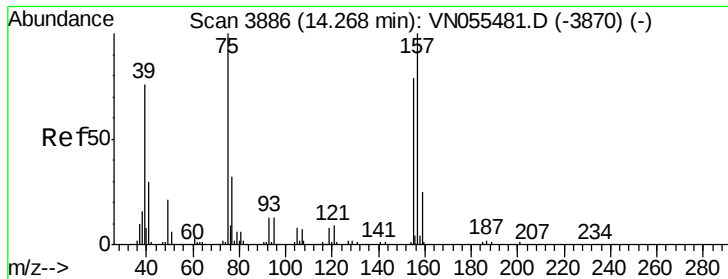
Tot Ion:119	Resp:	15030
Ion Ratio	Lower	Upper
119	100	
134	22.5	12.8 38.4
91	29.8	12.0 36.0



#89
 n-Butylbenzene
 Concen: 0.311 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

Tgt Ion: 91	Resp:	9471
Ion Ratio	Lower	Upper
91	100	
92	59.9	25.9 77.7
134	26.0	11.8 35.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.321 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.01 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

P026-SS007-0002-01

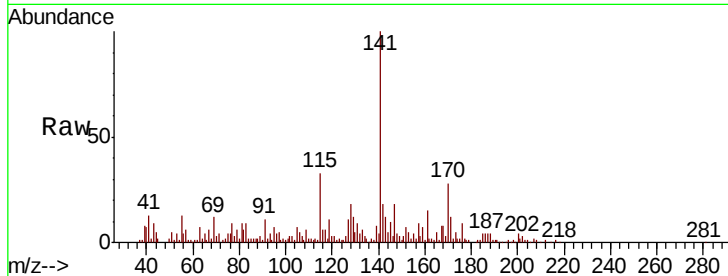
Tot Ion: 75 Resp: 782

Ion Ratio Lower Upper

75 100

155 0.0 39.3 117.8#

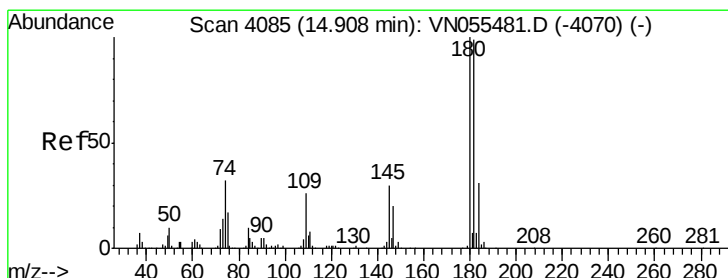
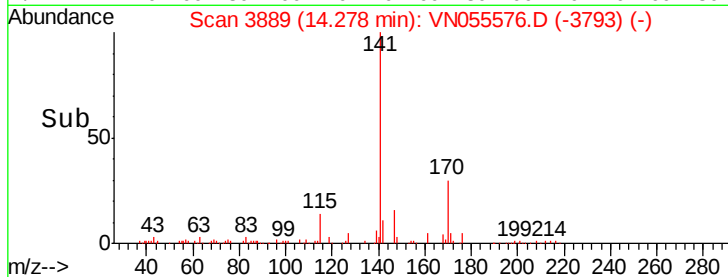
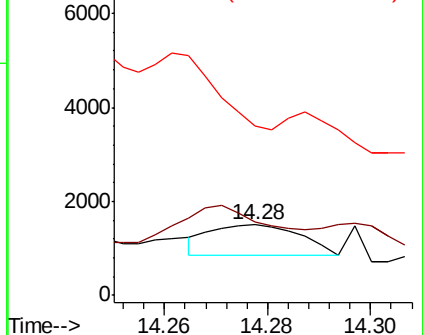
157 0.0 50.6 151.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-3870) (-)

Ion 154.80 (154.50 to 155.50): VN055481.D (-3870) (-)

Ion 156.80 (156.50 to 157.50): VN055481.D (-3870) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.360 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055576.D

Acq: 13 May 2019 14:17

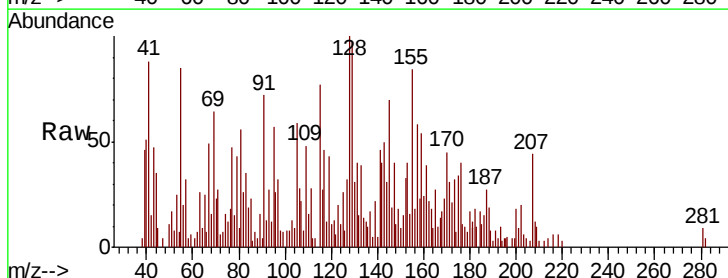
Tgt Ion: 180 Resp: 1301

Ion Ratio Lower Upper

180 100

182 64.7 48.7 146.1

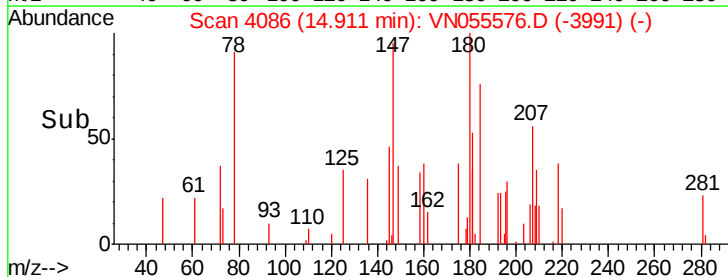
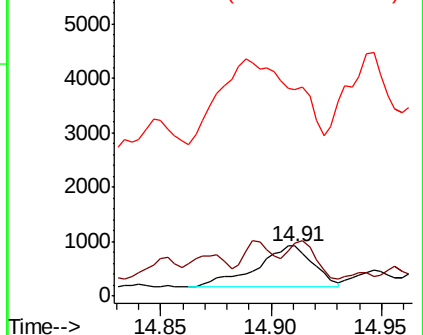
145 0.0 15.3 45.9#

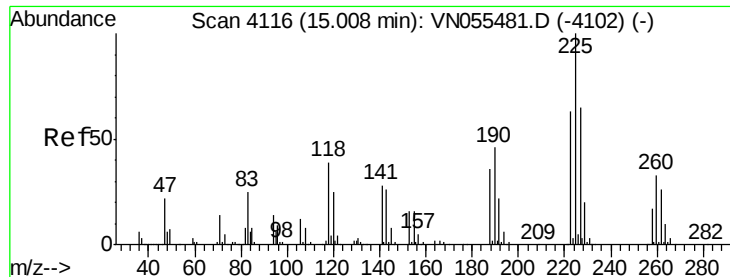


Abundance Ion 179.80 (179.50 to 180.50): VN055481.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN055481.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN055481.D (-4070) (-)

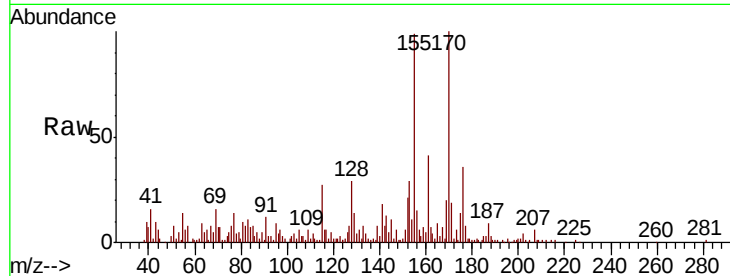




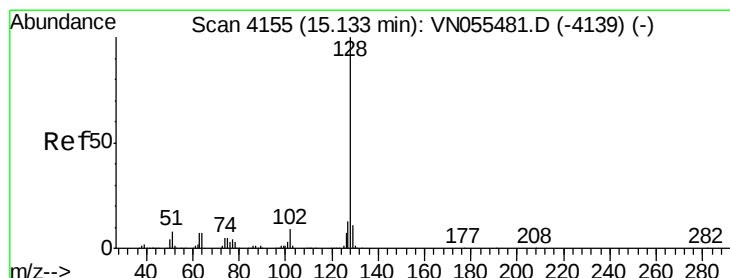
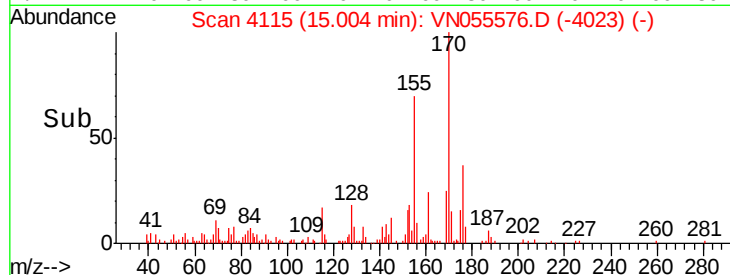
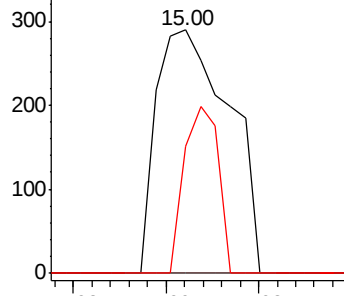
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Instrument :
MSVOA_N
ClientSampleId :
P026-SS007-0002-01

Tot Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.4	94.3#
227	32.0	32.0	96.0#

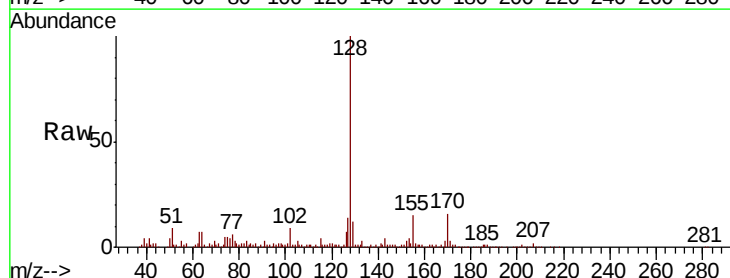


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

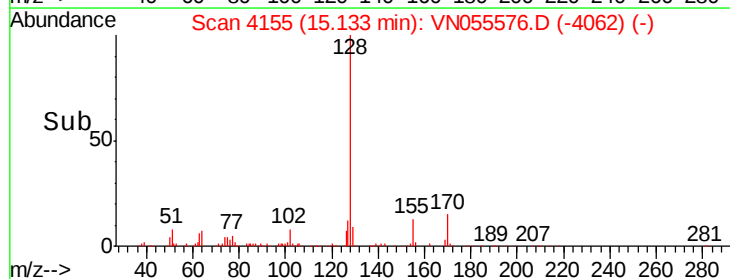
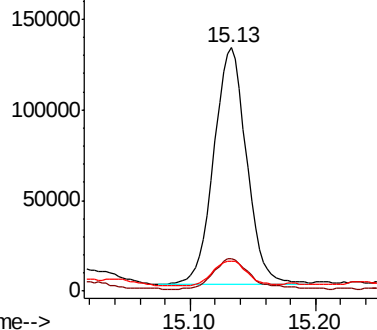


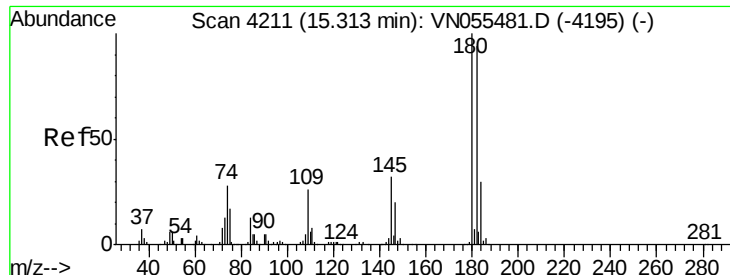
#95
Naphthalene
Concen: 13.069 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN055576.D
Acq: 13 May 2019 14:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.0	15.0#
129	11.0	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: 2.663 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN055576.D
 Acq: 13 May 2019 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS007-0002-01

Tot Ion:180 Resp: 2146
 Ion Ratio Lower Upper
 180 100
 182 42.5 47.1 141.3#
 145 0.0 15.8 47.4#

