

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055570.D
 Acq On : 13 May 2019 11:13
 Operator : JC/SP
 Sample : K2718-21ME
 Misc : 3.91g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS008-0002-01ME

Quant Time: May 14 01:47:04 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	762733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1276090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1070475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	376282	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	509023	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	
35) Dibromofluoromethane	7.59	113	393262	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
50) Toluene-d8	10.09	98	1557838	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.40	95	491533	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.59	56	366	0.324	ug/l #	1
16) Acetone	3.83	43	12989	2.443	ug/l	99
17) Carbon Disulfide	4.04	76	5406	0.238	ug/l #	94
18) Methyl Acetate	4.33	43	53203	3.744	ug/l	99
25) 2-Butanone	6.86	43	2647	0.360	ug/l	96
29) Tetrahydrofuran	7.23	42	2274	0.468	ug/l #	54
31) Cyclohexane	7.66	56	16311	0.880	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	60348	4.800	ug/l #	50
38) Carbon Tetrachloride	7.66	117	72485	6.847	ug/l #	15
49) 1,4-Dioxane	9.21	88	588	3.005	ug/l #	79
51) 4-Methyl-2-Pentanone	9.99	43	13523	0.987	ug/l	93
52) Toluene	10.16	92	5308	0.238	ug/l	89
56) Ethyl methacrylate	10.44	69	2956	0.220	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.70	63	321	12.579	ug/l #	52
59) 2-Hexanone	10.76	43	25921	2.697	ug/l	93
68) m/p-Xylenes	11.62	106	5525	0.372	ug/l	88
69) o-Xylene	11.95	106	3392	0.232	ug/l	93
73) Isopropylbenzene	12.25	105	3576	Below Cal		82
74) N-amyl acetate	12.07	43	9631	0.674	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	1810	Below Cal	#	96
76) 1,2,3-Trichloropropane	12.40	75	242278	23.651	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	242278	87.271	ug/l #	7
82) 4-Chlorotoluene	12.77	91	5277	0.222	ug/l	94
86) p-Isopropyltoluene	13.29	119	5657	0.203	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	3972	0.310	ug/l	92
88) 1,4-Dichlorobenzene	13.28	146	3972	0.314	ug/l	92
89) n-Butylbenzene	13.61	91	11858	0.548	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	3766	0.294	ug/l	85
92) 1,2-Dibromo-3-Chloropropan	14.27	75	744	0.430	ug/l	83
93) 1,2,4-Trichlorobenzene	14.91	180	6137	4.235	ug/l	98
94) Hexachlorobutadiene	15.01	225	2683	Below Cal		92
95) Naphthalene	15.13	128	19681	4.118	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	6565	3.457	ug/l	98

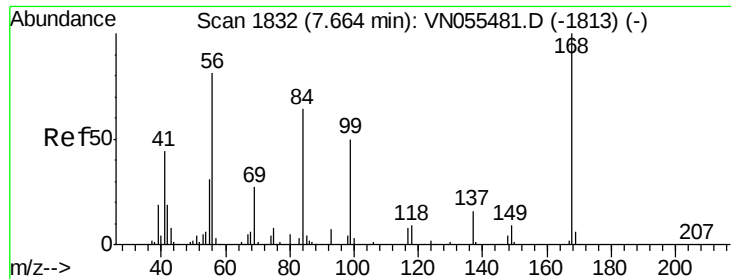
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
Data File : VN055570.D
Acq On : 13 May 2019 11:13
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

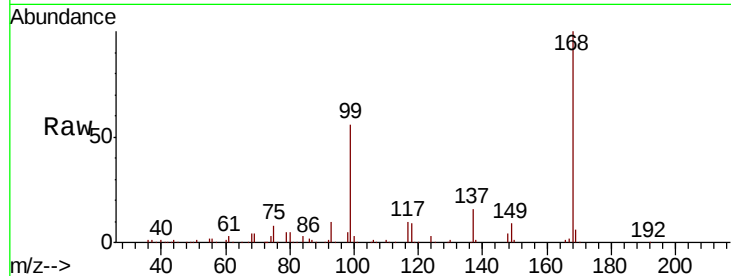
P026-SS008-0002-01ME

Tot Ion:168 Resp: 762733

Ion Ratio Lower Upper

168 100

99 55.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055570.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055570.D (-1739) (-)

7.66

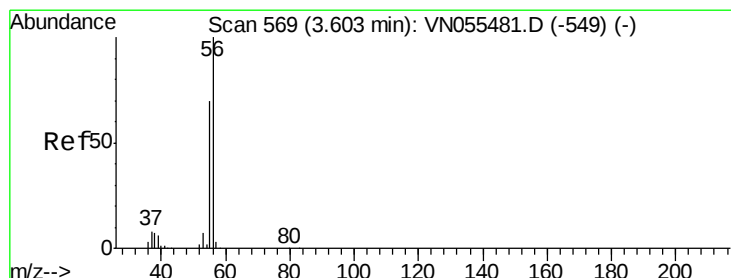
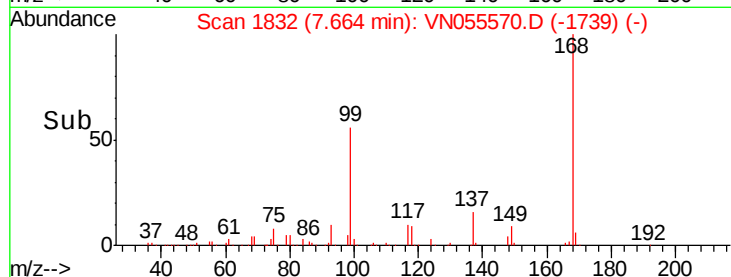
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.324 ug/l

RT: 3.59 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN055570.D

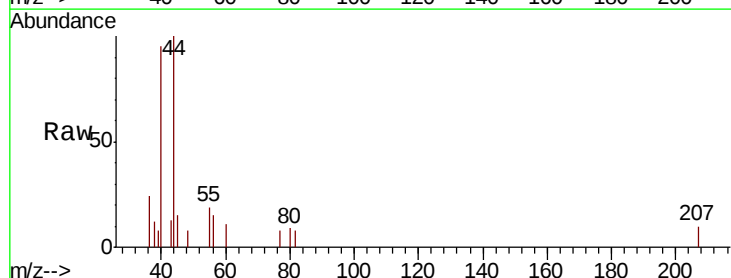
Acq: 13 May 2019 11:13

Tgt Ion: 56 Resp: 366

Ion Ratio Lower Upper

56 100

55 187.2 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN055570.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN055570.D (-476) (-)

3.59

500

400

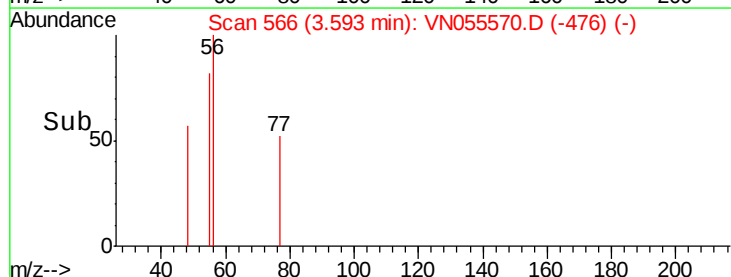
300

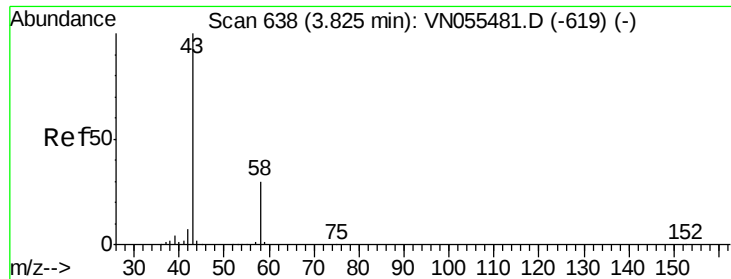
200

100

0

Time-->





#16

Acetone

Concen: 2.443 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.01 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

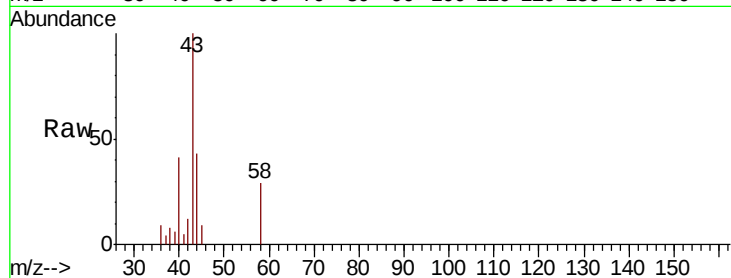
P026-SS008-0002-01ME

Tot Ion: 43 Resp: 12989

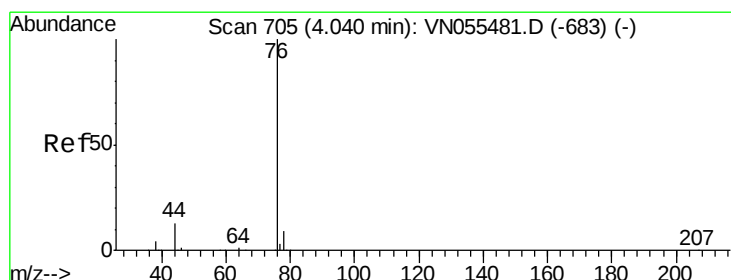
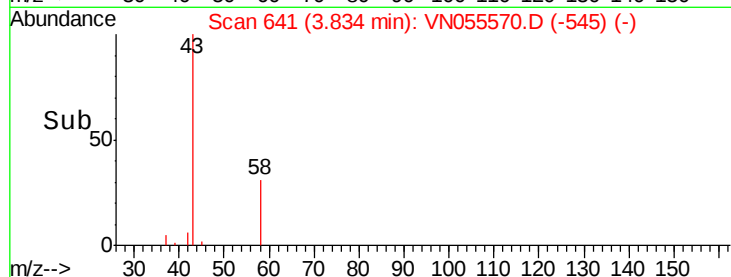
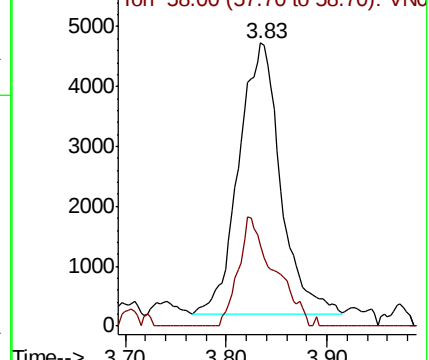
Ion Ratio Lower Upper

43 100

58 29.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-619) (-)



#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055570.D

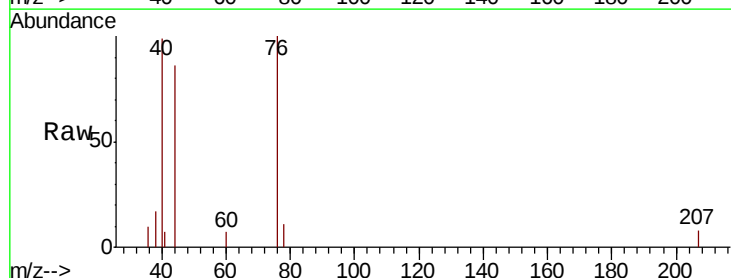
Acq: 13 May 2019 11:13

Tgt Ion: 76 Resp: 5406

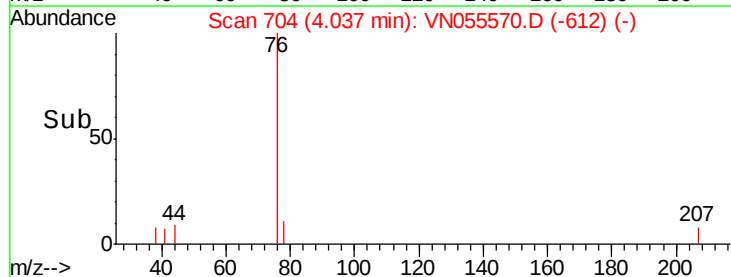
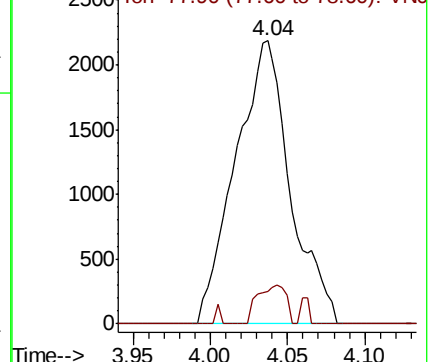
Ion Ratio Lower Upper

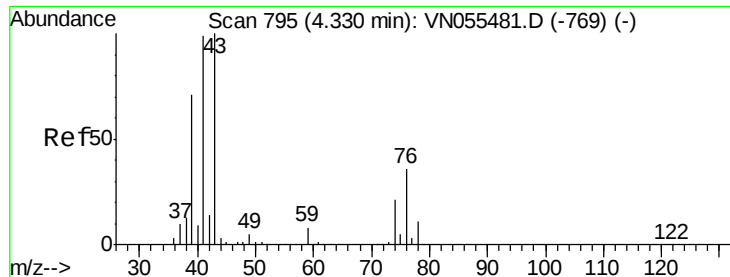
76 100

78 11.4 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN055481.D (-683) (-)

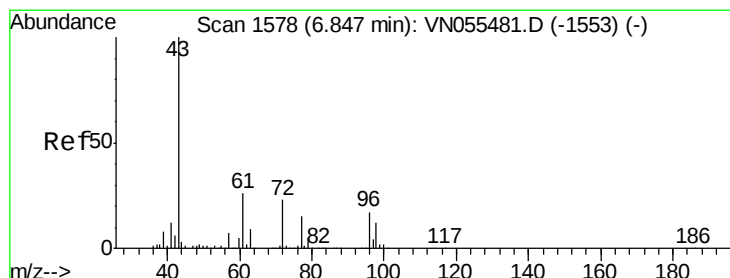
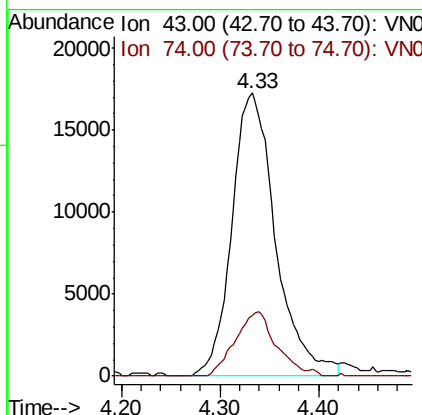
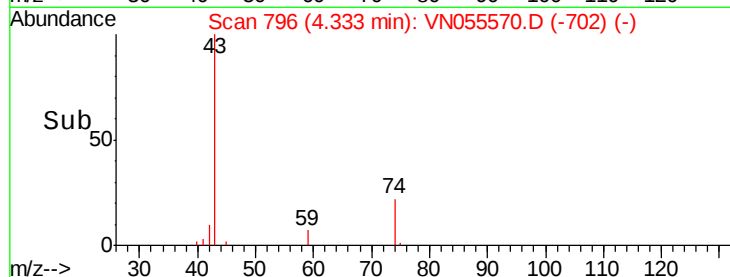
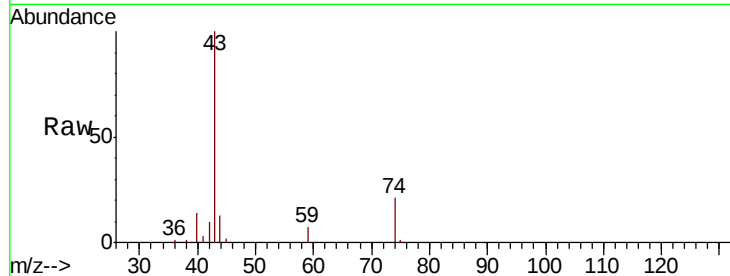




#18
Methyl Acetate
Concen: 3.744 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

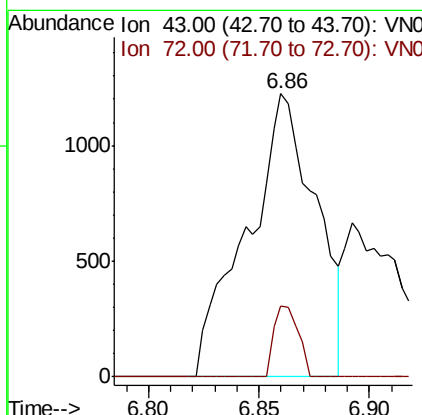
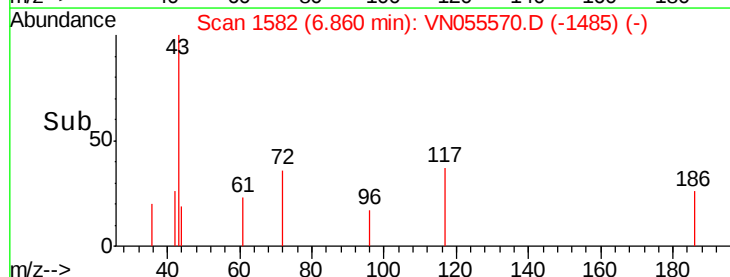
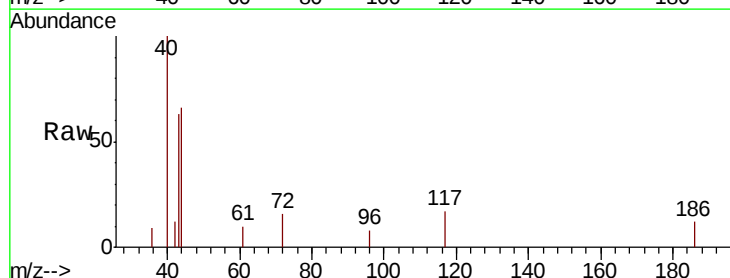
Instrument :
MSVOA_N
ClientSampleId :
P026-SS008-0002-01ME

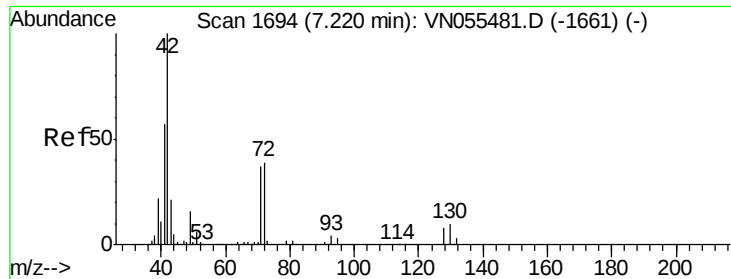
Tot Ion: 43 Resp: 53203
Ion Ratio Lower Upper
43 100
74 21.0 16.3 24.5



#25
2-Butanone
Concen: 0.360 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

Tgt Ion: 43 Resp: 2647
Ion Ratio Lower Upper
43 100
72 25.2 18.6 27.8

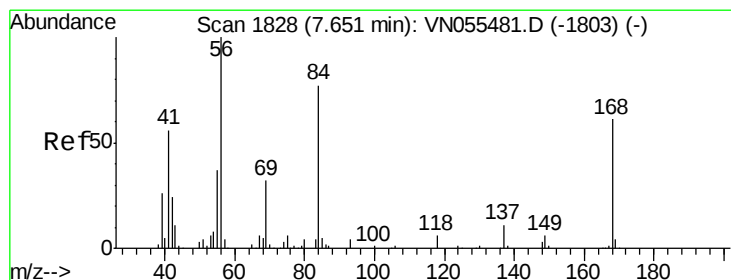
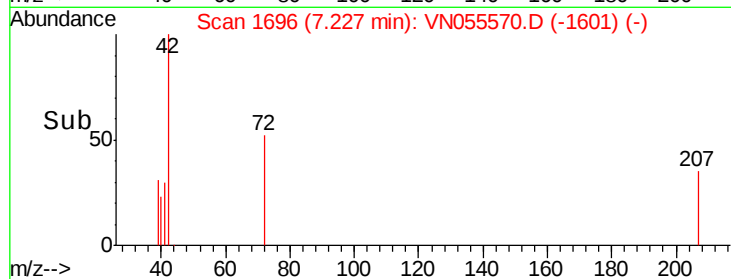
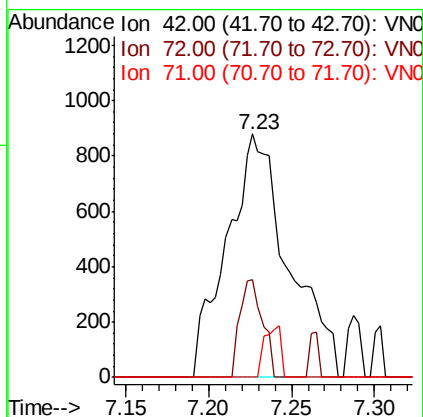
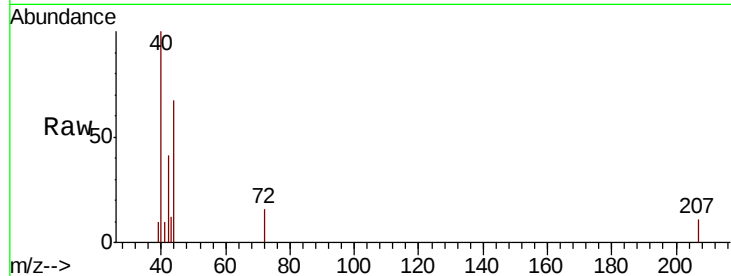




#29
Tetrahydrofuran
Concen: 0.468 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

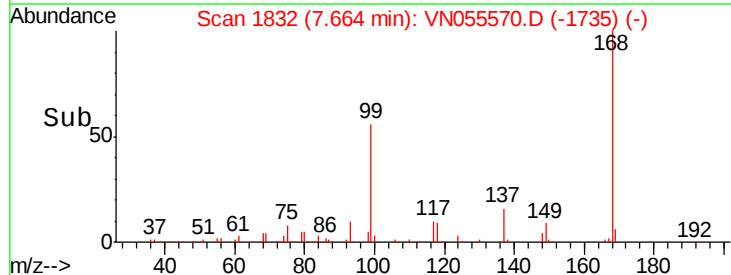
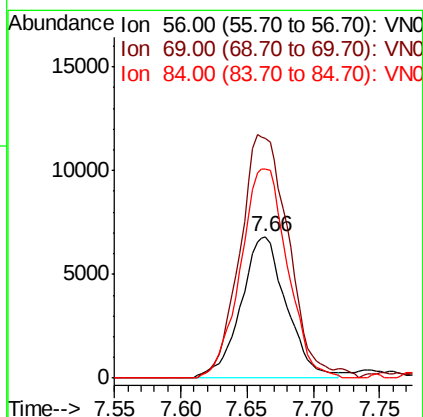
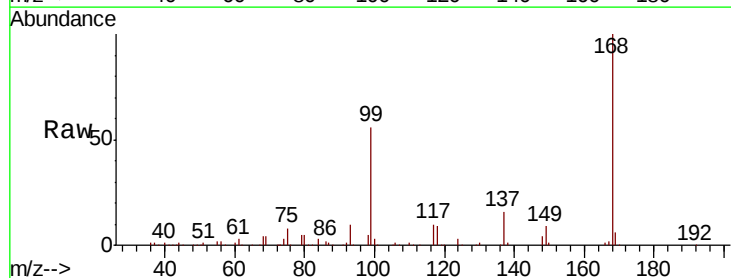
Instrument :
MSVOA_N
ClientSampleId :
P026-SS008-0002-01ME

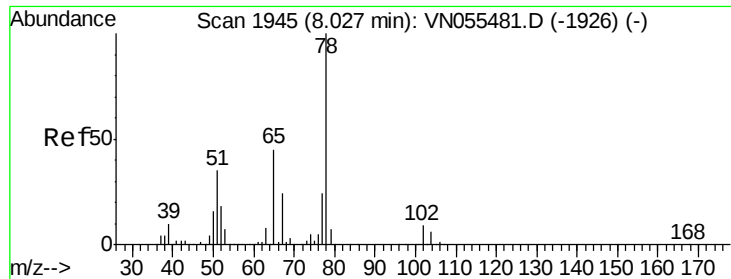
Tot Ion: 42 Resp: 2274
Ion Ratio Lower Upper
42 100
72 14.8 31.0 46.6#
71 5.7 29.4 44.2#



#31
Cyclohexane
Concen: 0.880 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

Tgt Ion: 56 Resp: 16311
Ion Ratio Lower Upper
56 100
69 169.2 26.0 39.0#
84 148.2 61.9 92.9#

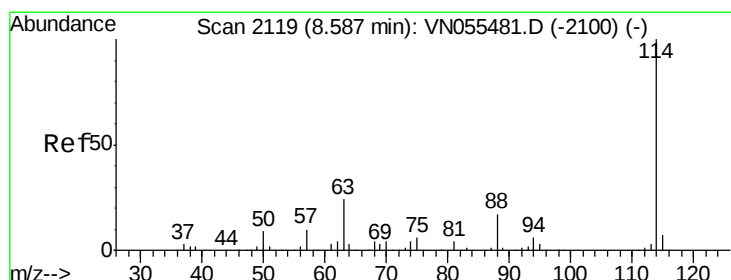
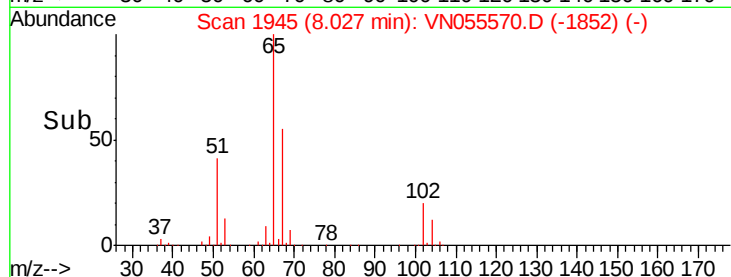
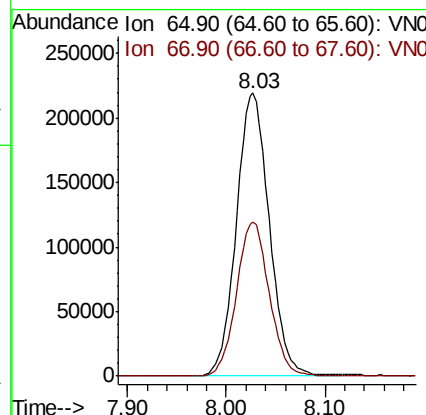
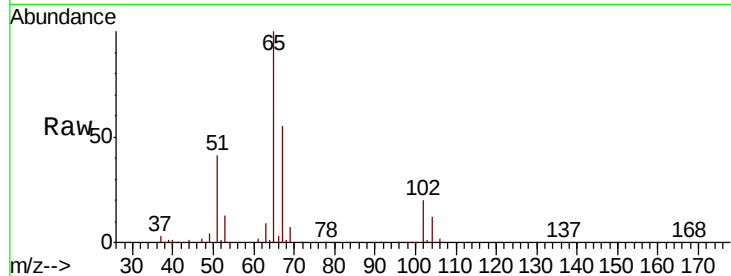




#33
 1,2-Dichloroethane-d4
 Concen: 44.324 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055570.D
 Acq: 13 May 2019 11:13

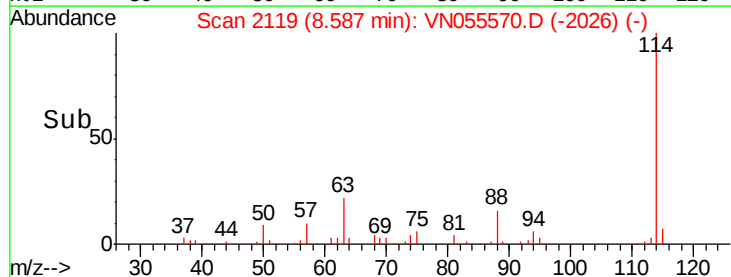
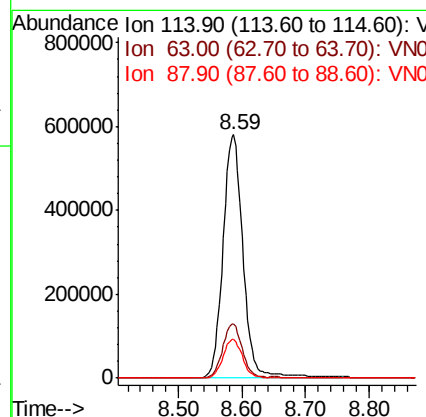
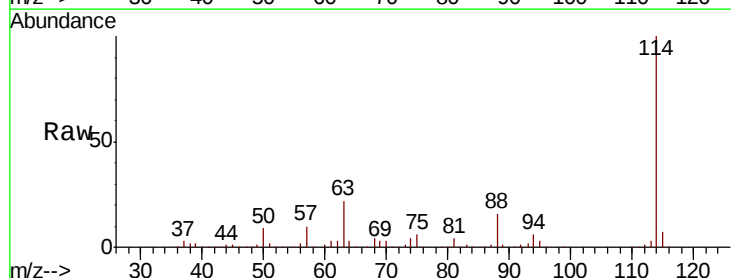
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS008-0002-01ME

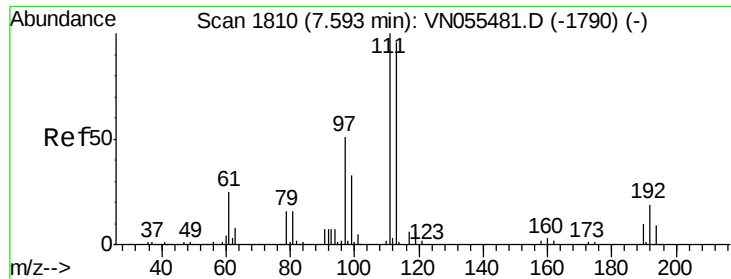
Tot Ion: 65 Resp: 509023
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055570.D
 Acq: 13 May 2019 11:13

Tgt Ion: 114 Resp: 1276090
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.4
 88 15.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.774 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

P026-SS008-0002-01ME

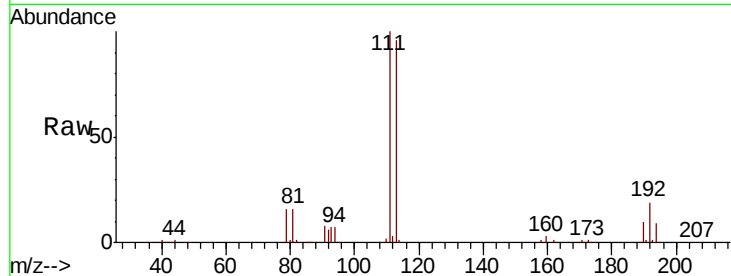
Tot Ion:113 Resp: 393262

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

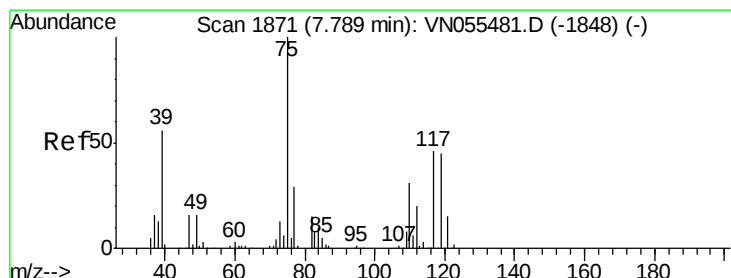
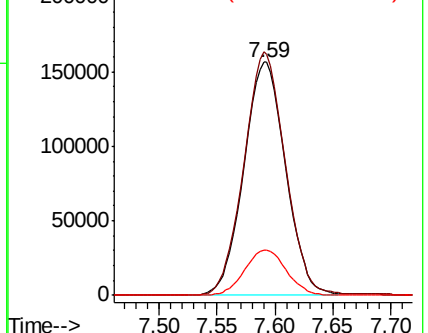
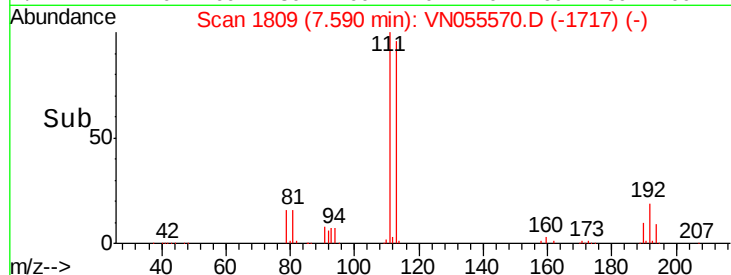
192 19.4 15.6 23.4



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: 4.800 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

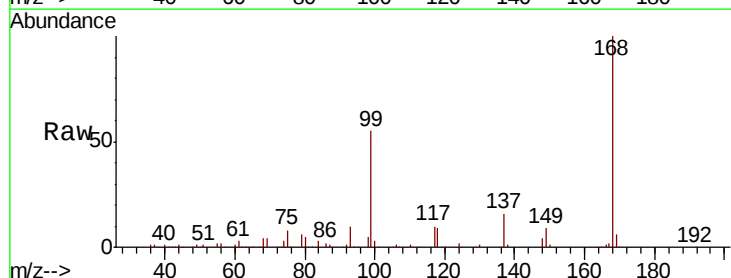
Tgt Ion: 75 Resp: 60348

Ion Ratio Lower Upper

75 100

110 7.6 16.1 48.3#

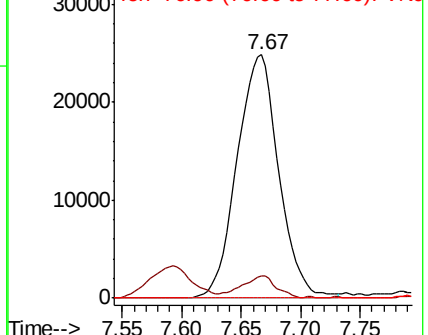
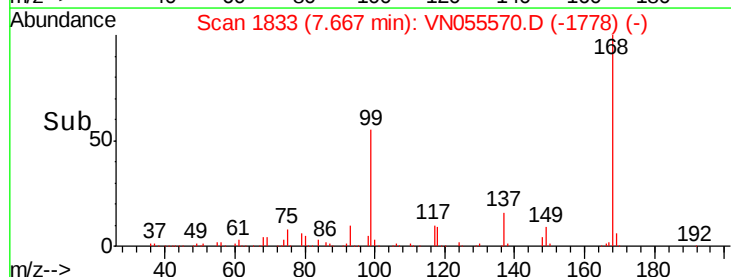
77 0.0 24.6 37.0#

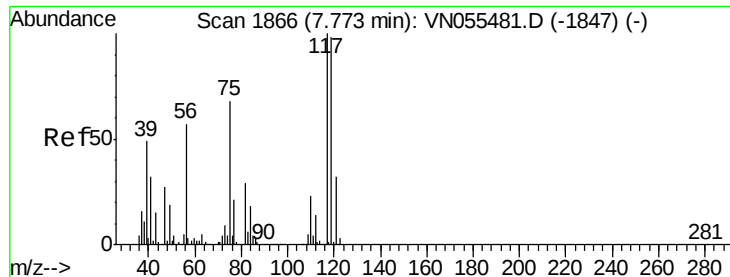


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

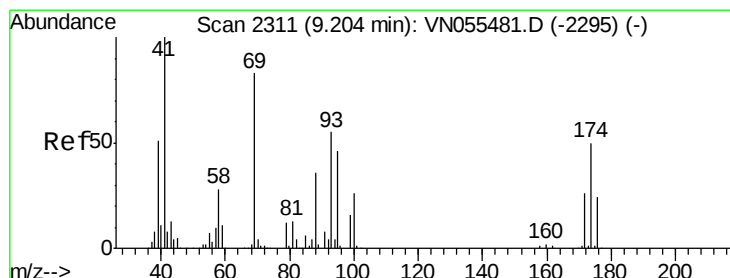
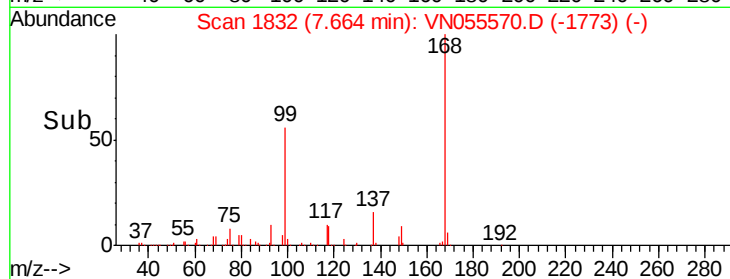
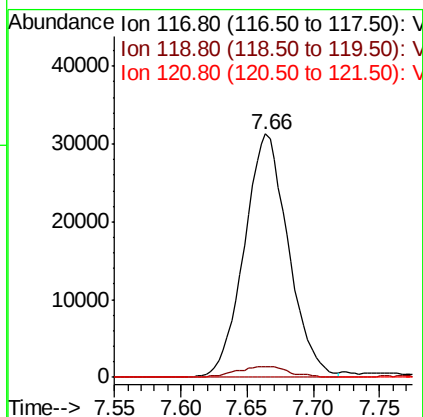
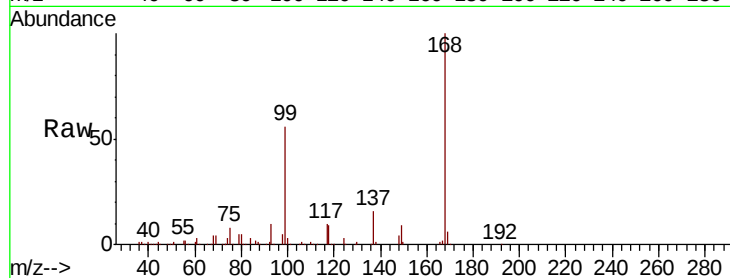




#38
Carbon Tetrachloride
Concen: 6.847 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

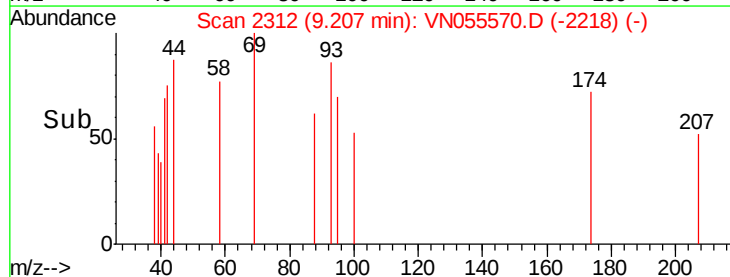
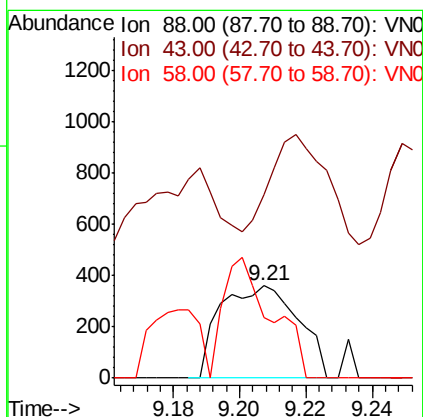
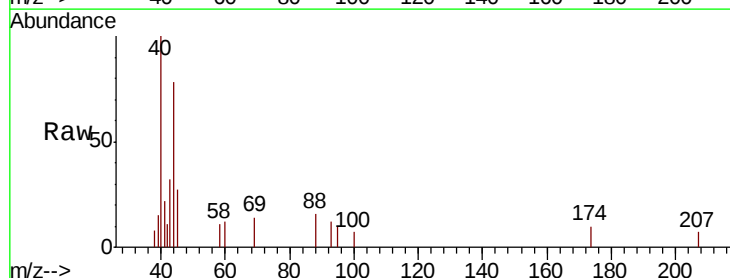
Instrument :
MSVOA_N
ClientSampleId :
P026-SS008-0002-01ME

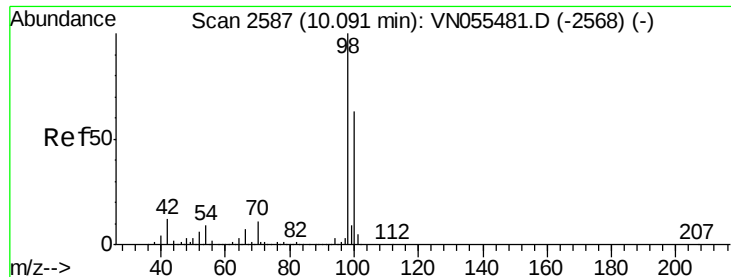
Tot Ion:117 Resp: 72485
Ion Ratio Lower Upper
117 100
119 4.2 77.8 116.6#
121 0.0 25.2 37.8#



#49
1,4-Dioxane
Concen: 3.005 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

Tgt Ion: 88 Resp: 588
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.8#
58 79.9 61.8 92.6





#50

Toluene-d8

Concen: 48.563 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

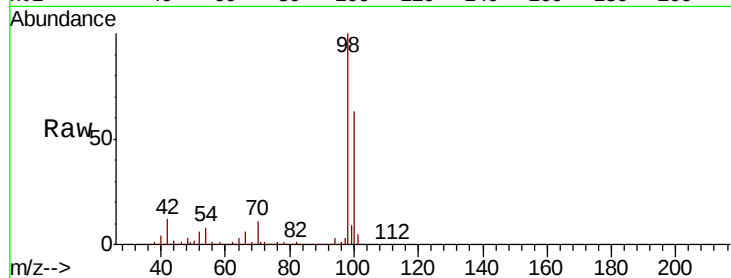
P026-SS008-0002-01ME

Tot Ion: 98 Resp: 1557838

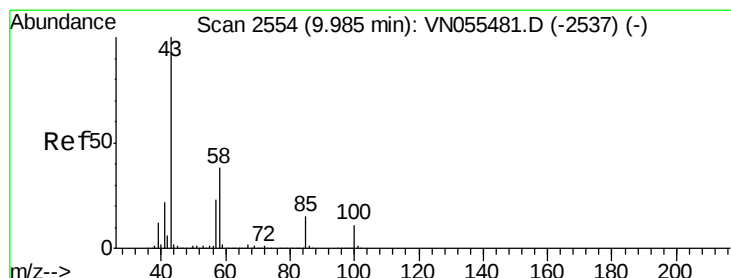
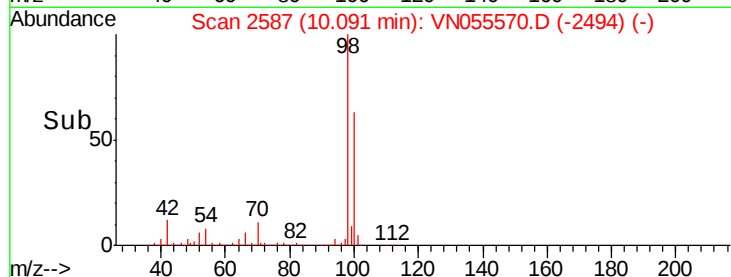
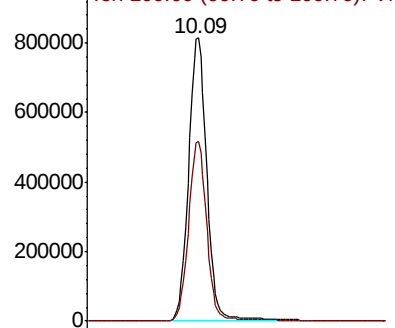
Ion Ratio Lower Upper

98 100

100 62.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.987 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055570.D

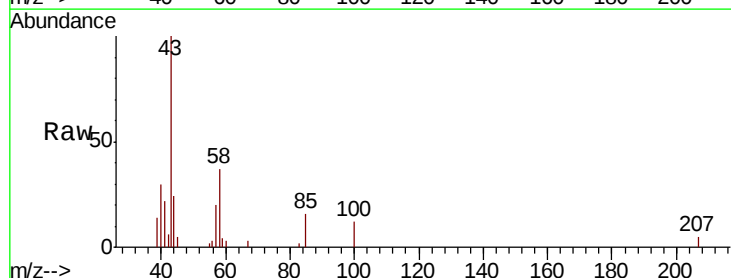
Acq: 13 May 2019 11:13

Tgt Ion: 43 Resp: 13523

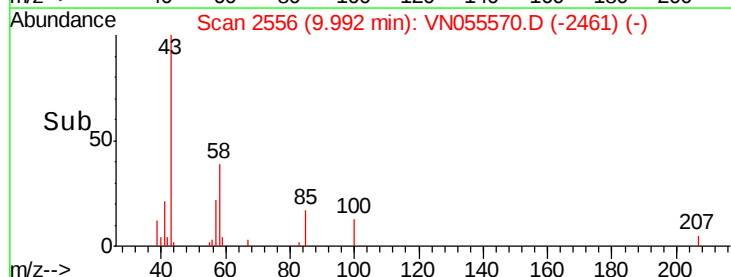
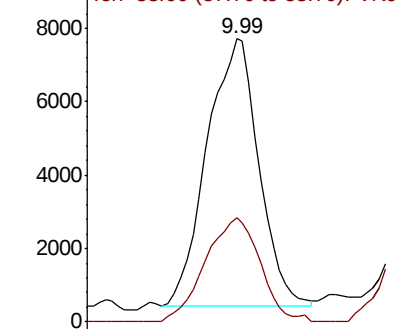
Ion Ratio Lower Upper

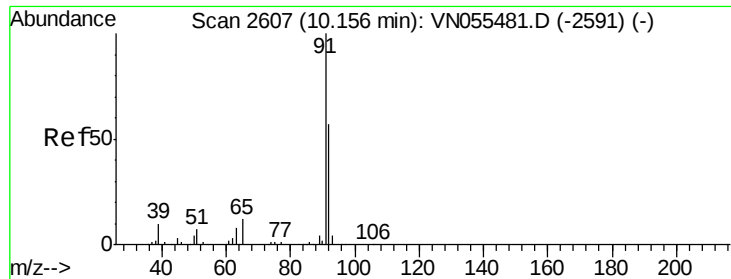
43 100

58 41.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-2537) (-)





#52

Toluene

Concen: 0.238 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

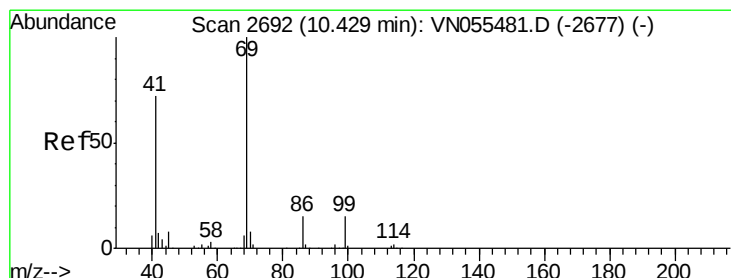
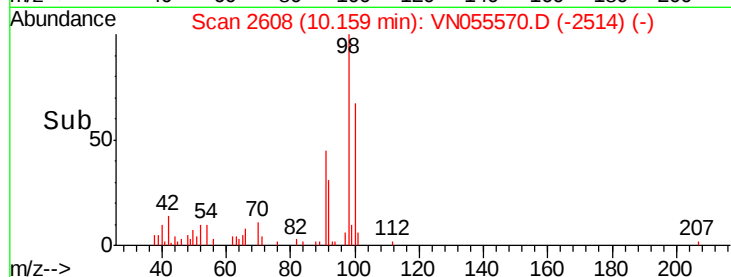
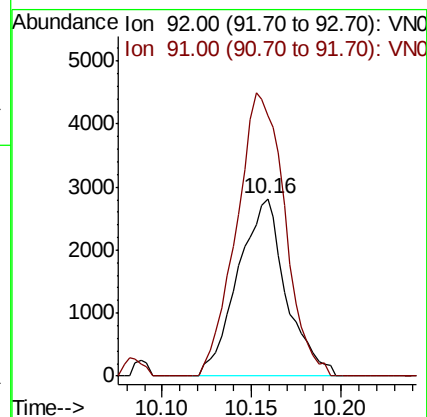
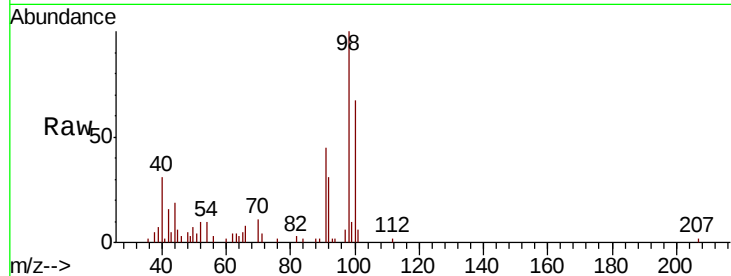
P026-SS008-0002-01ME

Tot Ion: 92 Resp: 5308

Ion Ratio Lower Upper

92 100

91 160.5 140.5 210.7



#56

Ethyl methacrylate

Concen: 0.220 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

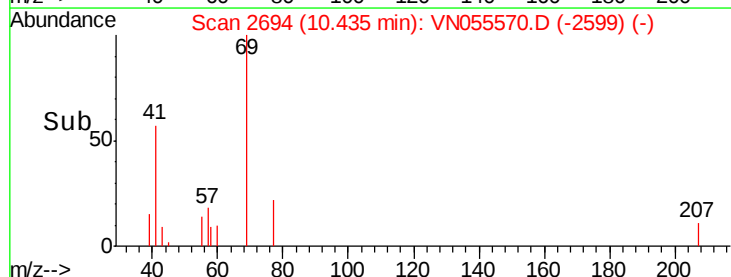
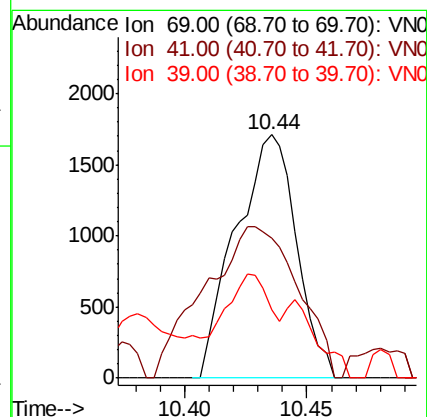
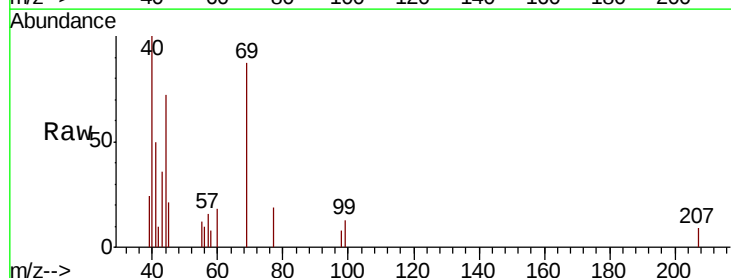
Tgt Ion: 69 Resp: 2956

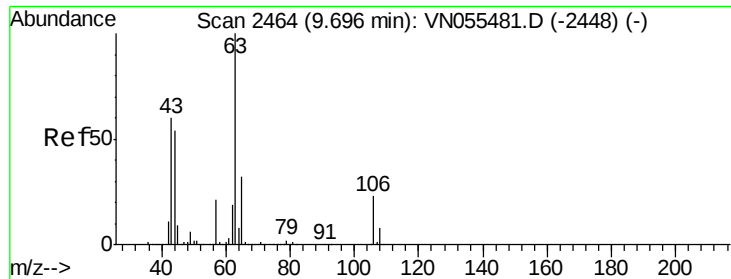
Ion Ratio Lower Upper

69 100

41 95.7 56.2 84.2#

39 16.3 27.8 41.6#





#58

2-Chloroethyl Vinyl ether

Concen: 12.579 ug/l

RT: 9.70 min Scan# 2466

Delta R.T. 0.01 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

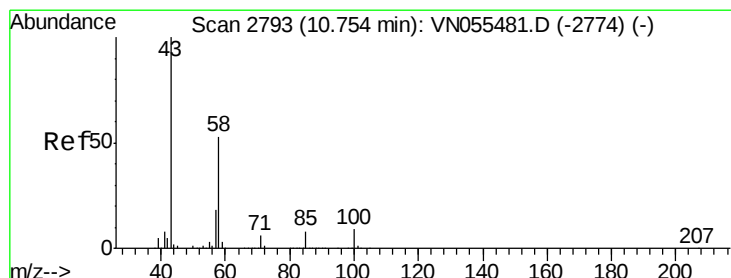
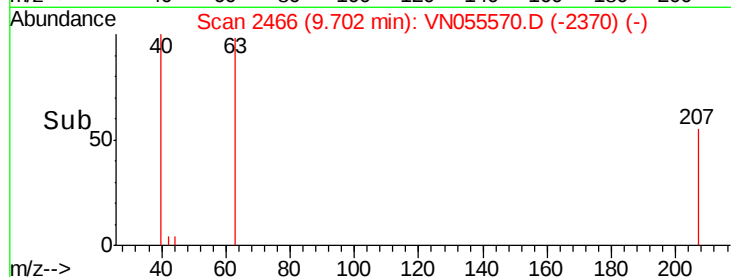
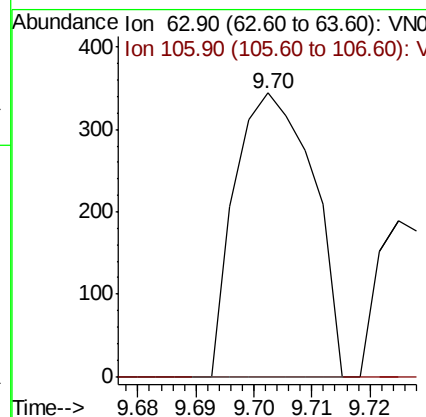
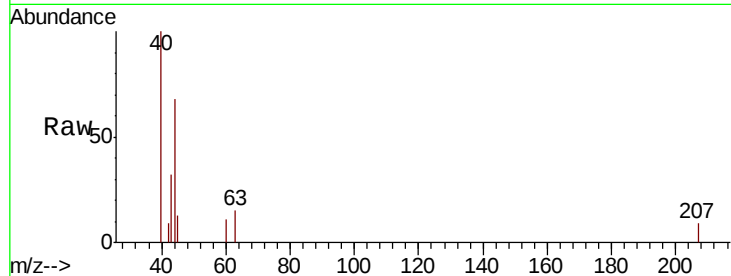
P026-SS008-0002-01ME

Tot Ion: 63 Resp: 321

Ion Ratio Lower Upper

63 100

106 0.0 18.6 27.8#



#59

2-Hexanone

Concen: 2.697 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN055570.D

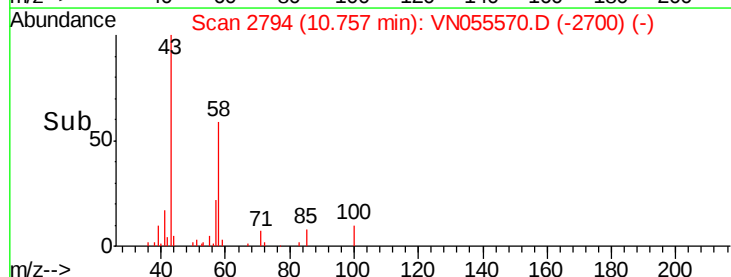
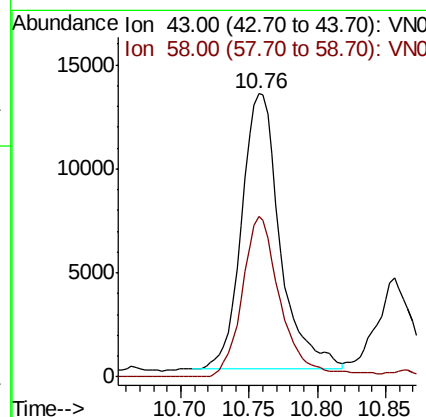
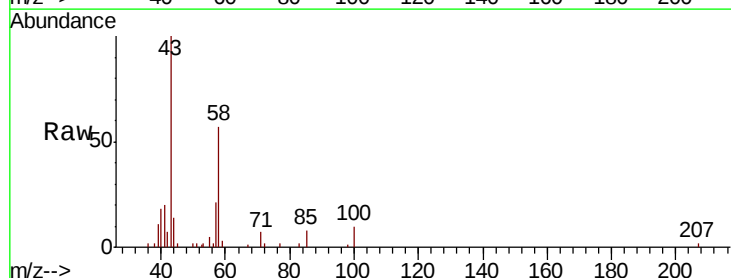
Acq: 13 May 2019 11:13

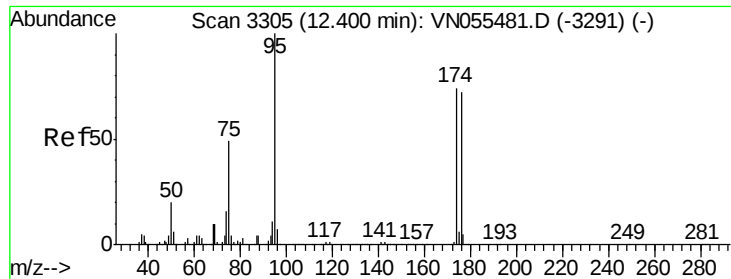
Tgt Ion: 43 Resp: 25921

Ion Ratio Lower Upper

43 100

58 57.7 26.4 79.0





#62

4-Bromofluorobenzene

Concen: 45.443 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

P026-SS008-0002-01ME

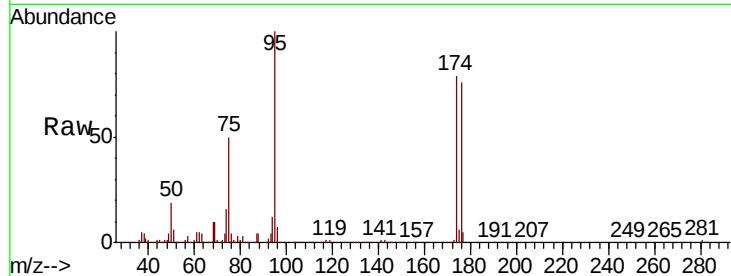
Tot Ion: 95 Resp: 491533

Ion Ratio Lower Upper

95 100

174 79.7 0.0 152.2

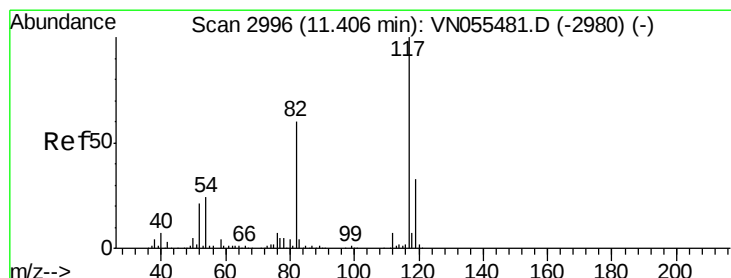
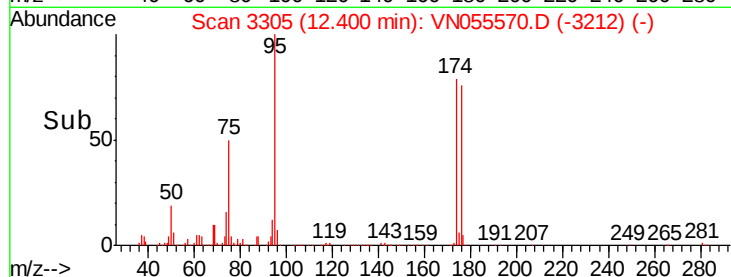
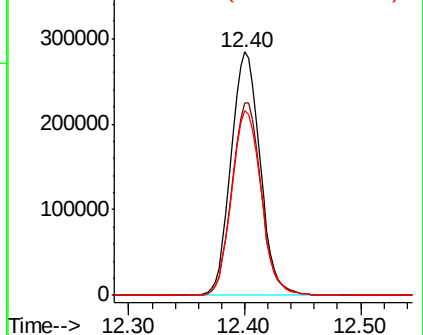
176 77.0 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

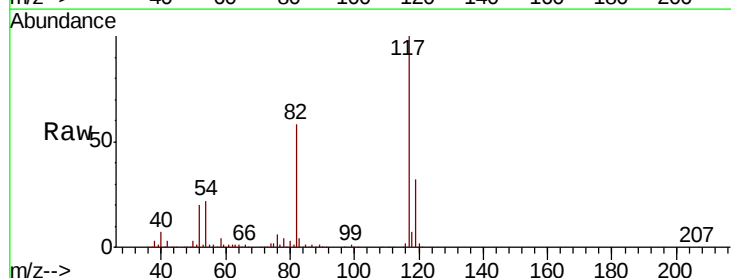
Tgt Ion: 117 Resp: 1070475

Ion Ratio Lower Upper

117 100

82 58.2 48.0 72.0

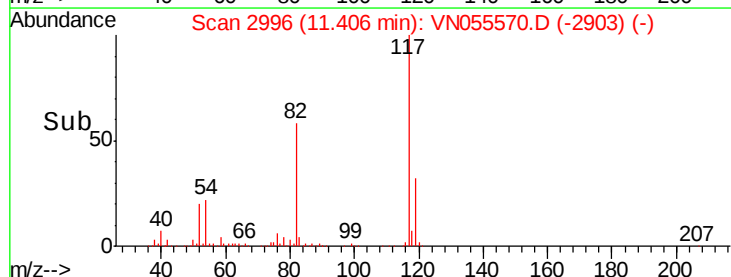
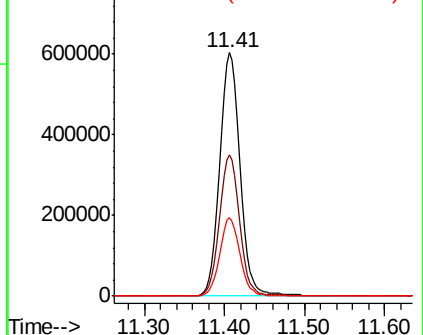
119 32.1 26.0 39.0

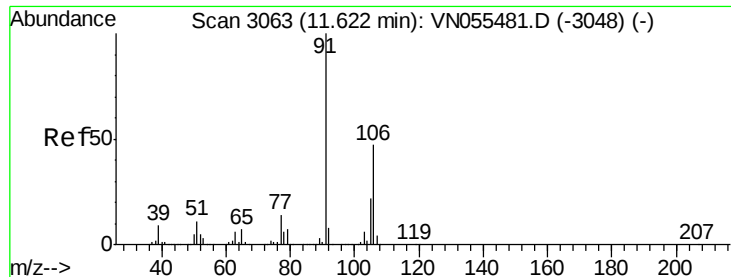


Abundance Ion 116.90 (116.60 to 117.60): VN055481.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055481.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055481.D (-2980) (-)





#68

m/p-Xylenes

Concen: 0.372 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument:

MSVOA_N

ClientSampleId:

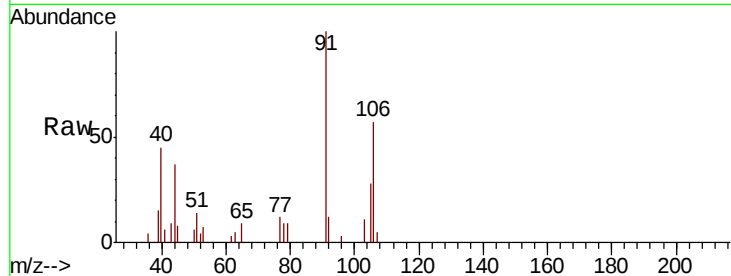
P026-SS008-0002-01ME

Tot Ion:106 Resp: 5525

Ion Ratio Lower Upper

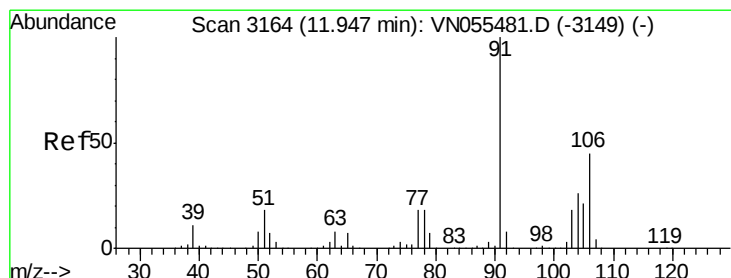
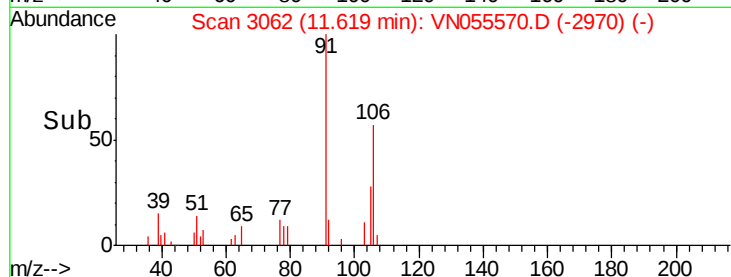
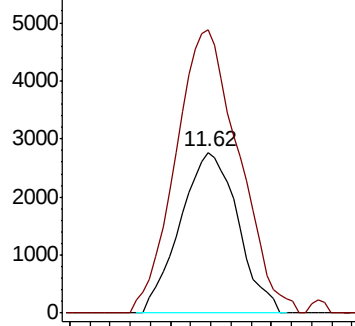
106 100

91 193.0 169.2 253.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.232 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN055570.D

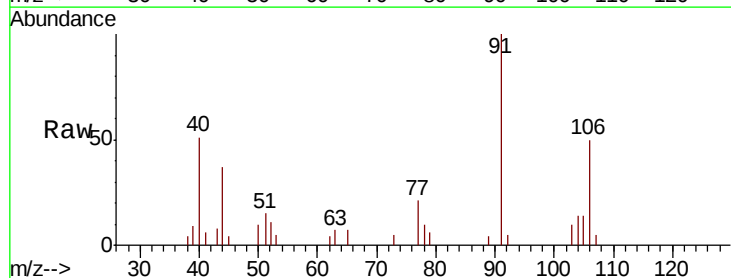
Acq: 13 May 2019 11:13

Tgt Ion:106 Resp: 3392

Ion Ratio Lower Upper

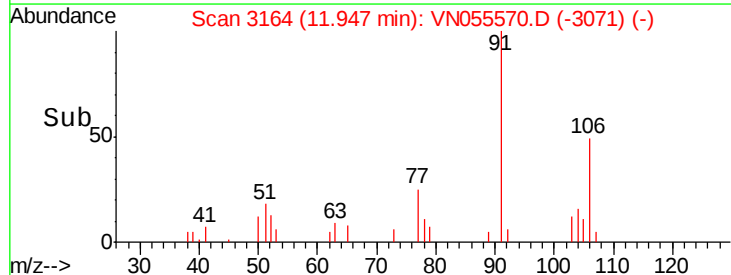
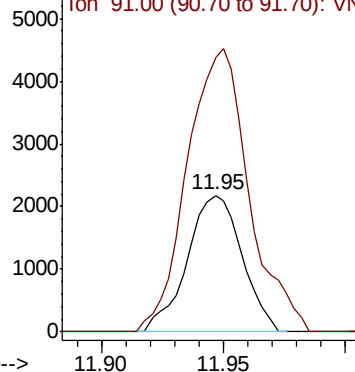
106 100

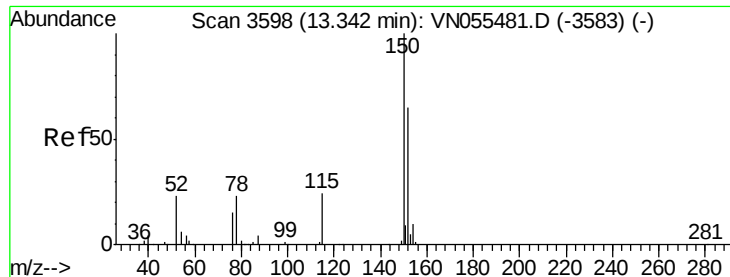
91 233.8 111.3 333.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

P026-SS008-0002-01ME

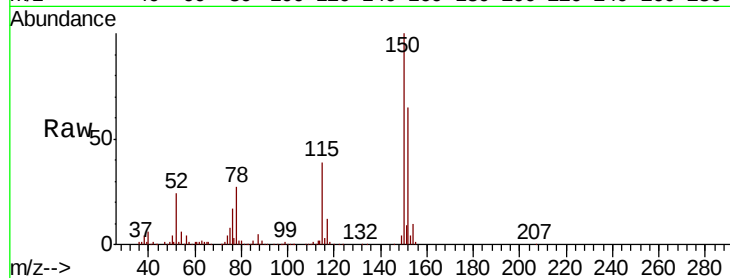
Tot Ion:152 Resp: 376282

Ion Ratio Lower Upper

152 100

115 58.5 30.1 90.5

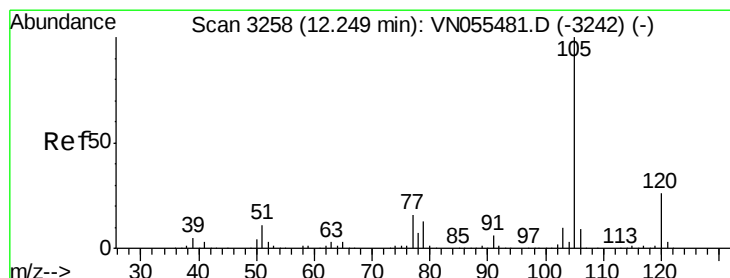
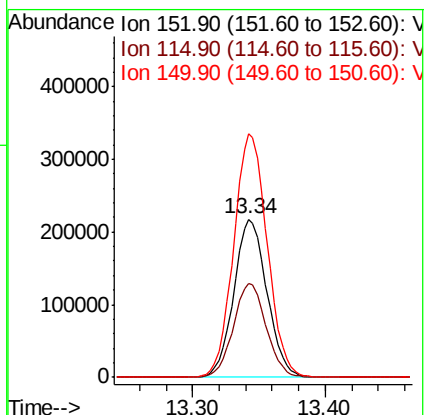
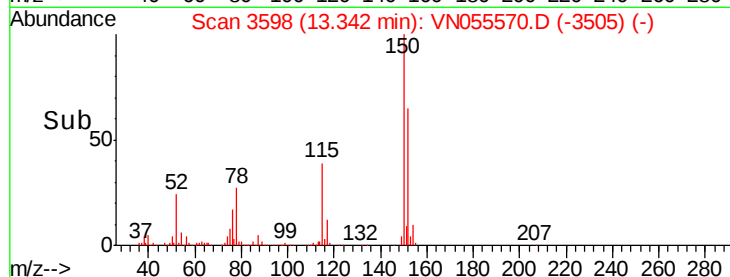
150 156.1 0.0 355.0



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: VN055570.D

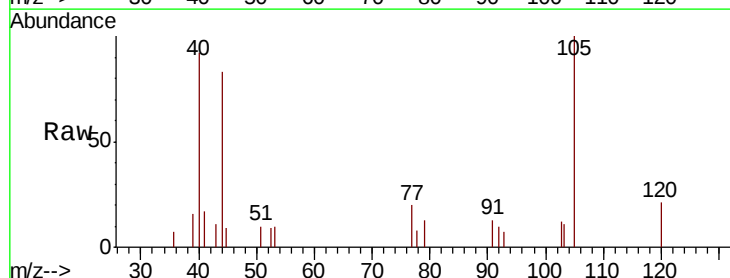
Acq: 13 May 2019 11:13

Tgt Ion:105 Resp: 3576

Ion Ratio Lower Upper

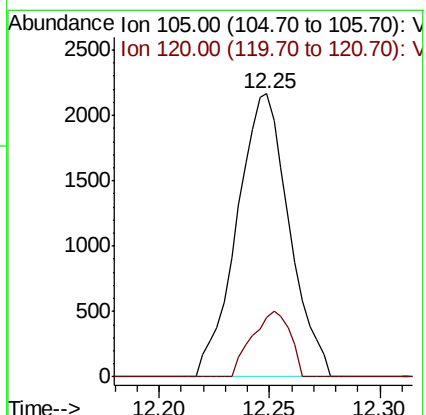
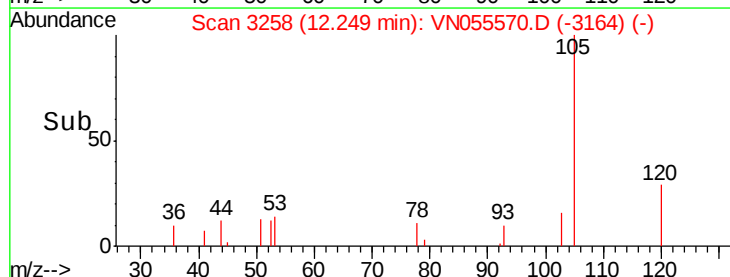
105 100

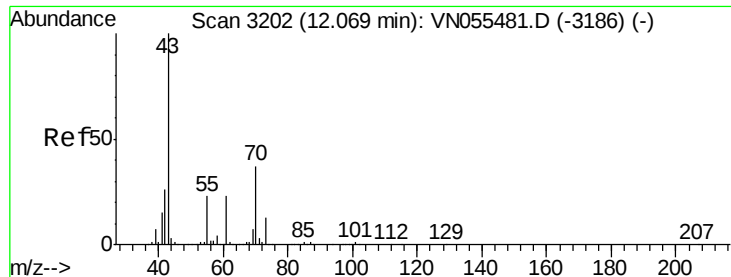
120 16.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.674 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

P026-SS008-0002-01ME

Tot Ion: 43 Resp: 9631

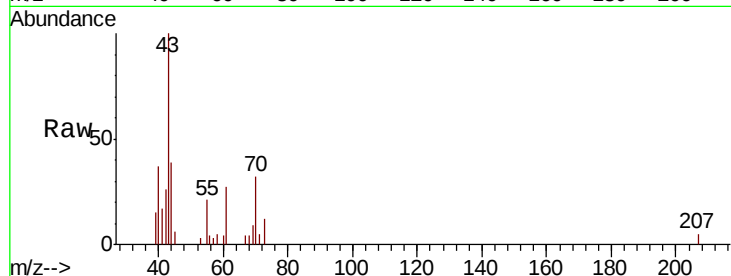
Ion Ratio Lower Upper

43 100

70 33.8 30.7 46.1

55 24.6 19.3 28.9

61 23.3 18.6 27.8

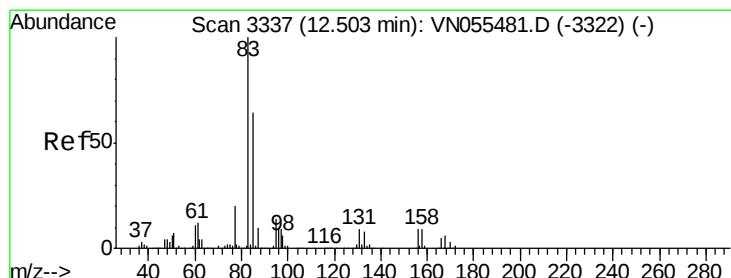
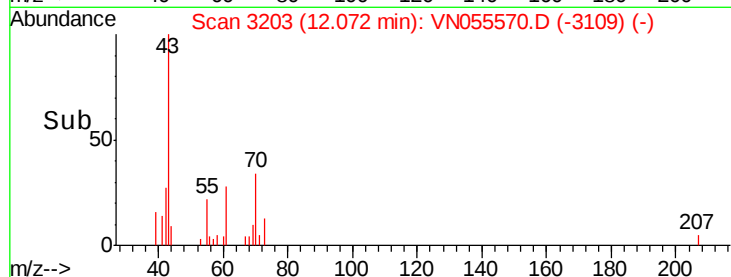
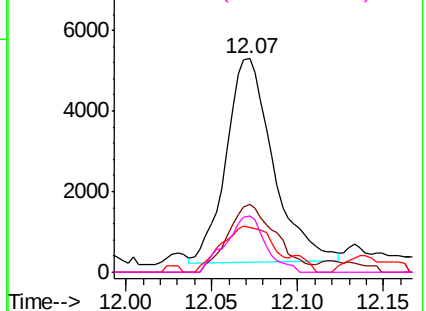


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

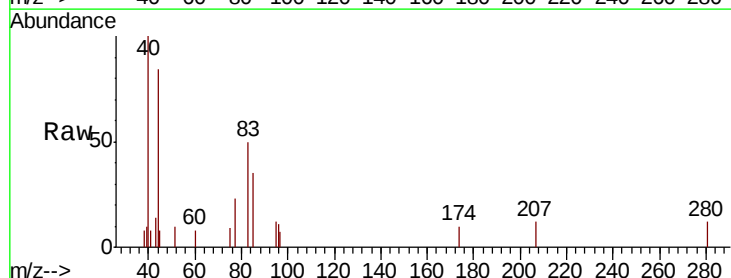
Tgt Ion: 83 Resp: 1810

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

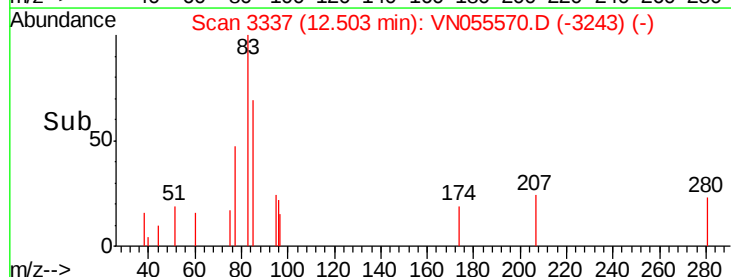
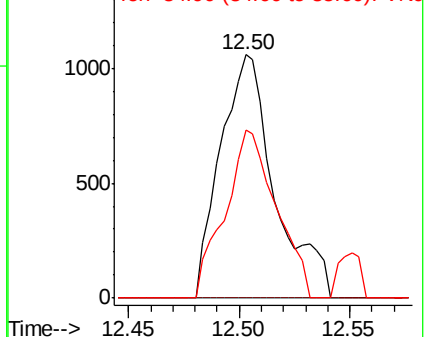
85 65.1 32.0 96.0

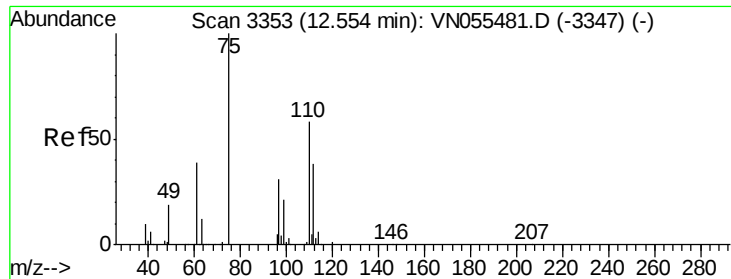


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 23.651 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

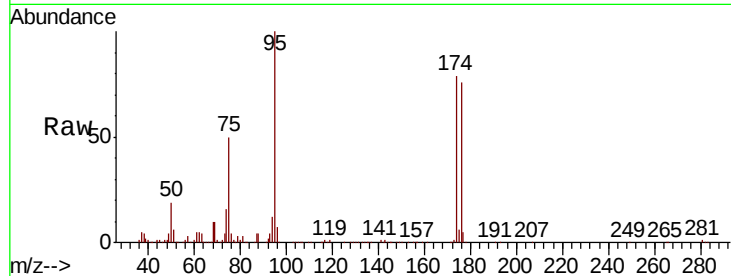
P026-SS008-0002-01ME

Tot Ion: 75 Resp: 242278

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

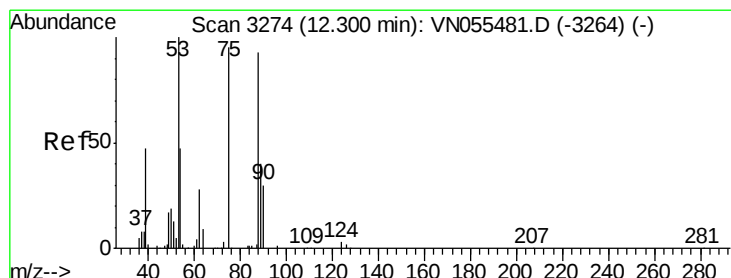
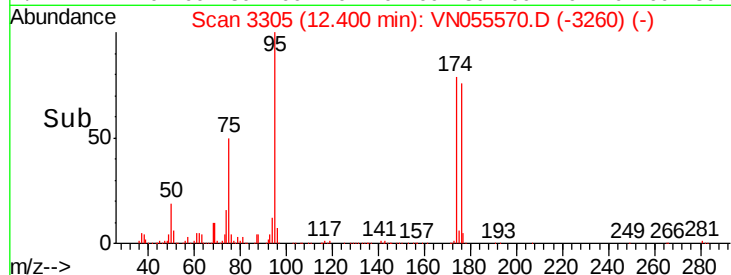
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 87.271 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

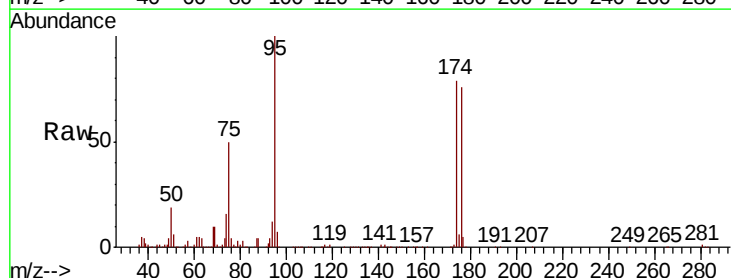
Tgt Ion: 75 Resp: 242278

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

89 0.0 35.7 53.5#



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

12.40

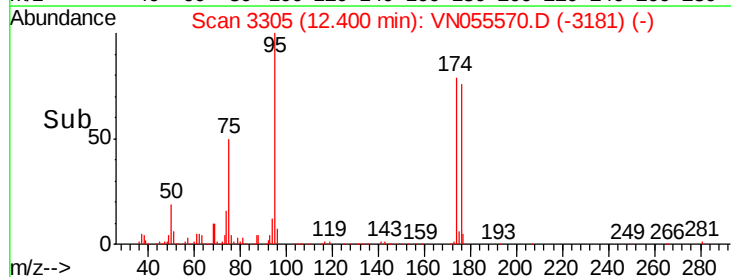
150000

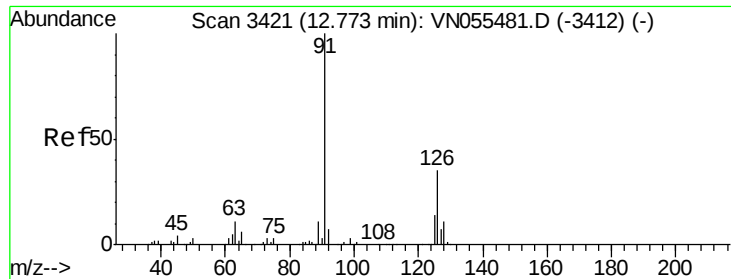
100000

50000

0

Time--> 12.30 12.40 12.50

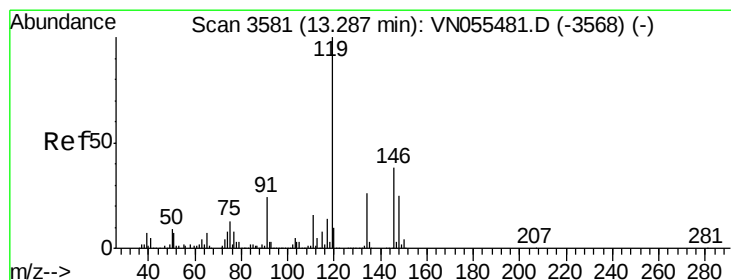
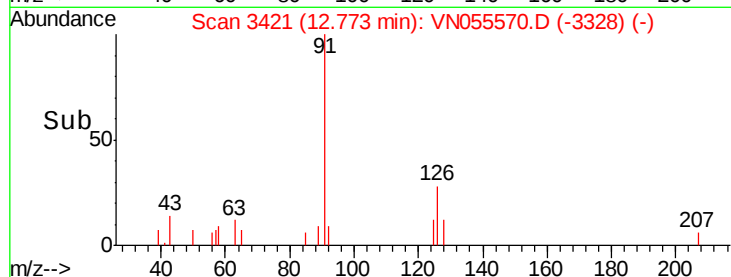
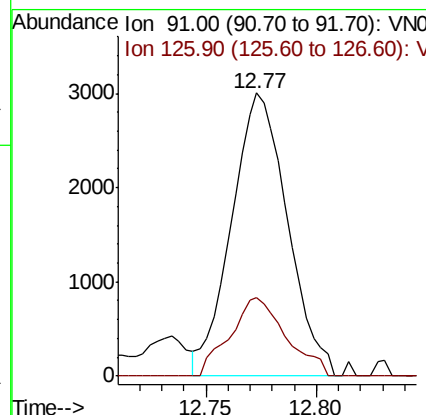
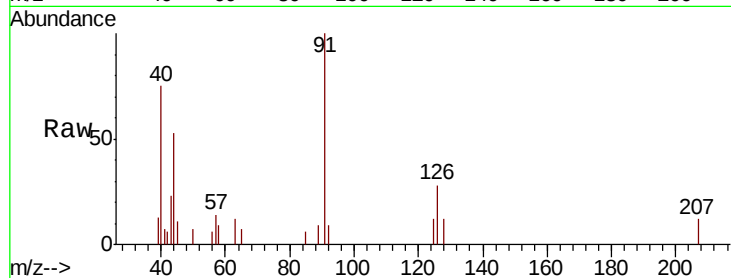




#82
4-Chlorotoluene
Concen: 0.222 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

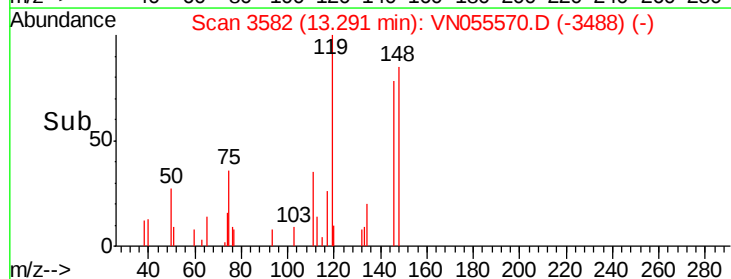
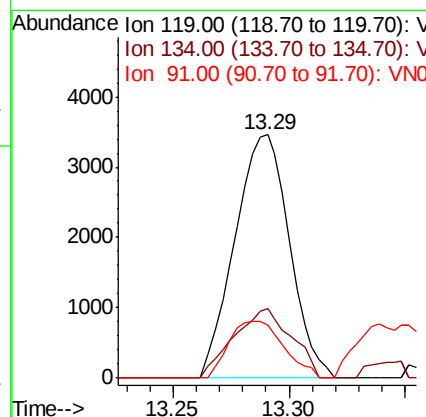
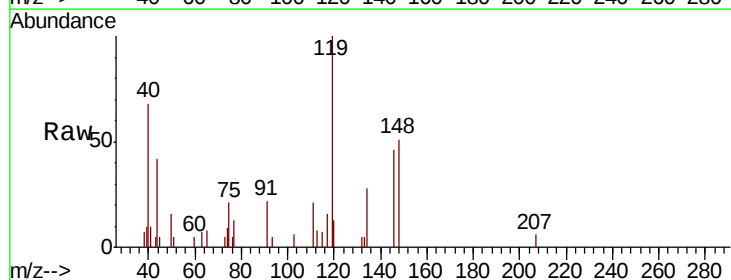
Instrument :
MSVOA_N
ClientSampleId :
P026-SS008-0002-01ME

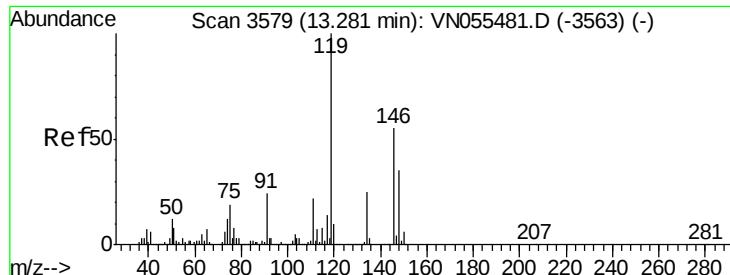
Tot Ion: 91 Resp: 5277
Ion Ratio Lower Upper
91 100
126 27.9 15.7 47.0



#86
p-Isopropyltoluene
Concen: 0.203 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

Tgt Ion: 119 Resp: 5657
Ion Ratio Lower Upper
119 100
134 30.1 12.8 38.4
91 23.3 12.0 36.0

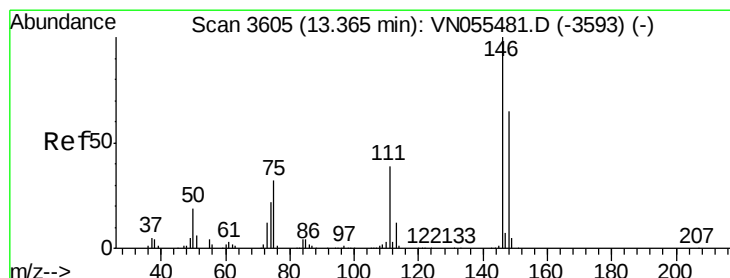
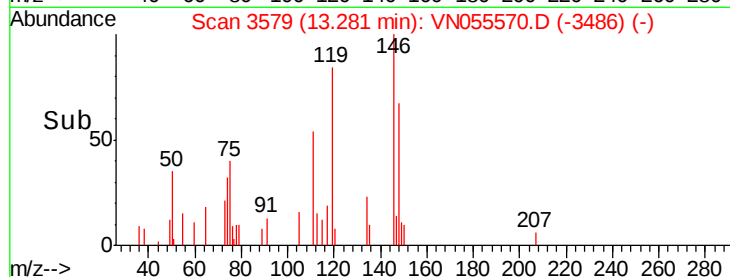
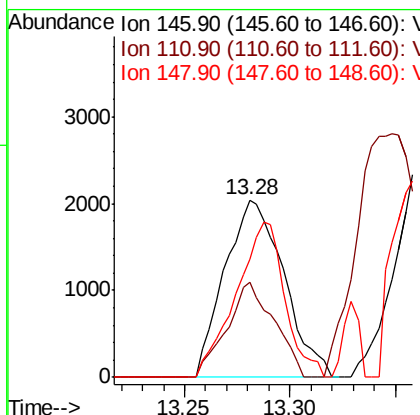
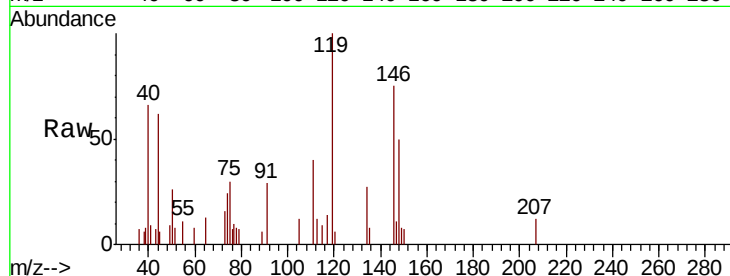




#87
 1,3-Dichlorobenzene
 Concen: 0.310 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055570.D
 Acq: 13 May 2019 11:13

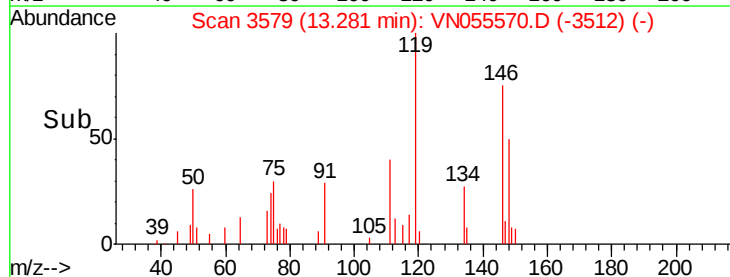
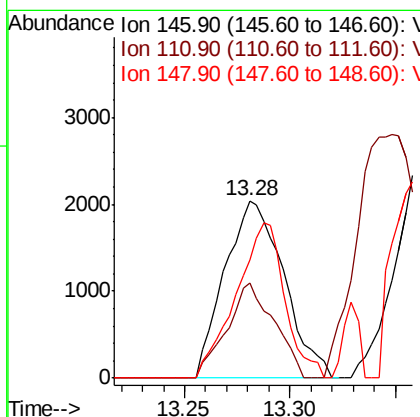
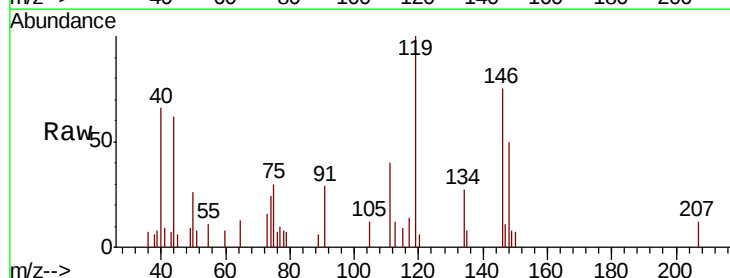
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS008-0002-01ME

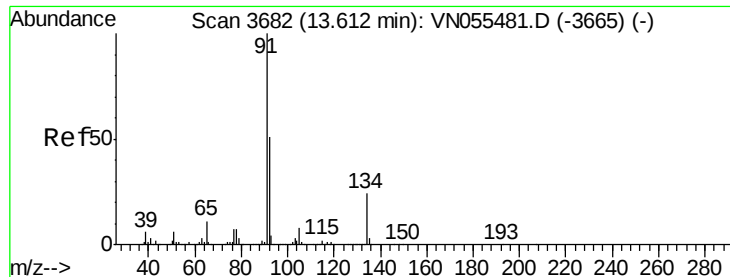
Tot Ion:146 Resp: 3972
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.4 61.3
 148 72.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.314 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN055570.D
 Acq: 13 May 2019 11:13

Tgt Ion:146 Resp: 3972
 Ion Ratio Lower Upper
 146 100
 111 43.1 19.6 58.8
 148 72.5 32.5 97.4

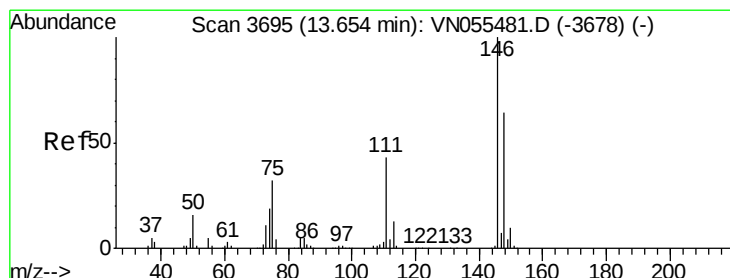
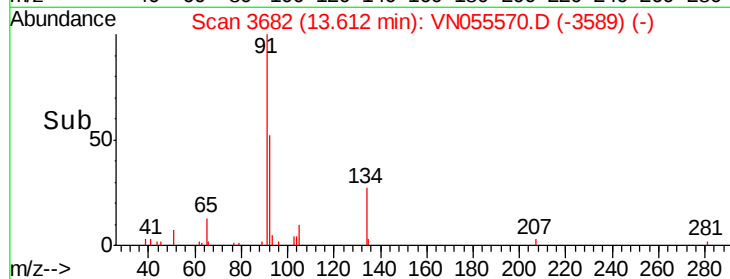
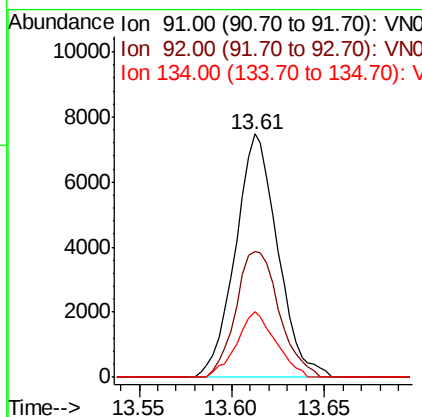
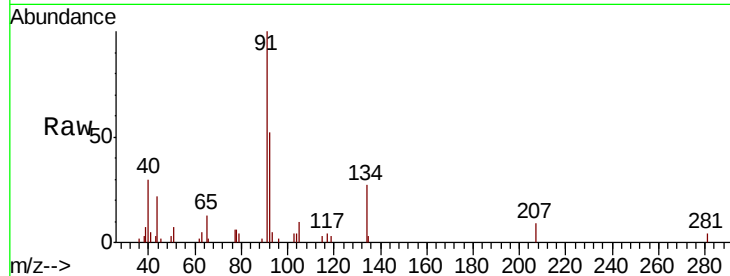




#89
n-Butylbenzene
Concen: 0.548 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

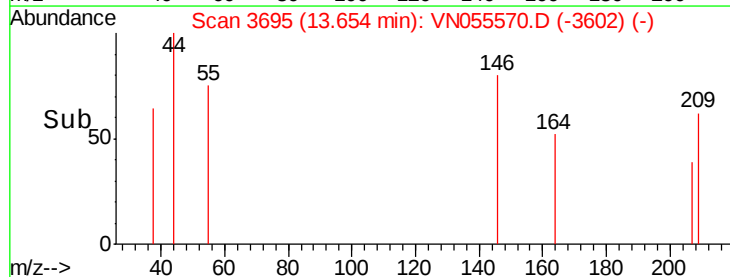
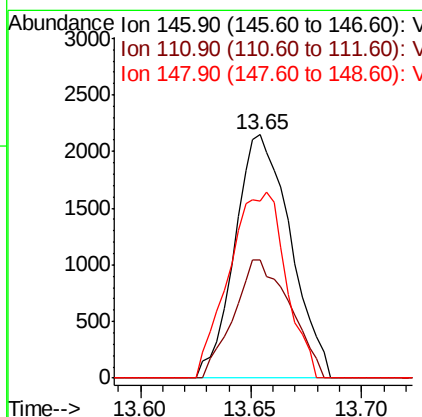
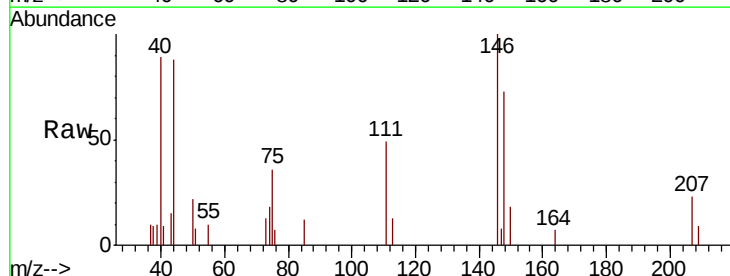
Instrument :
MSVOA_N
ClientSampleId :
P026-SS008-0002-01ME

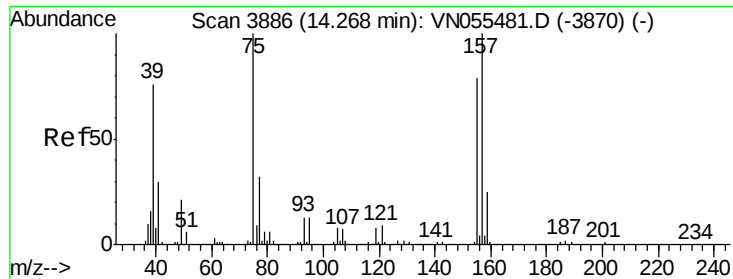
Tot Ion: 91 Resp: 11858
Ion Ratio Lower Upper
91 100
92 53.0 25.9 77.7
134 24.9 11.8 35.4



#91
1,2-Dichlorobenzene
Concen: 0.294 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN055570.D
Acq: 13 May 2019 11:13

Tgt Ion: 146 Resp: 3766
Ion Ratio Lower Upper
146 100
111 49.2 21.3 63.7
148 77.9 31.9 95.9

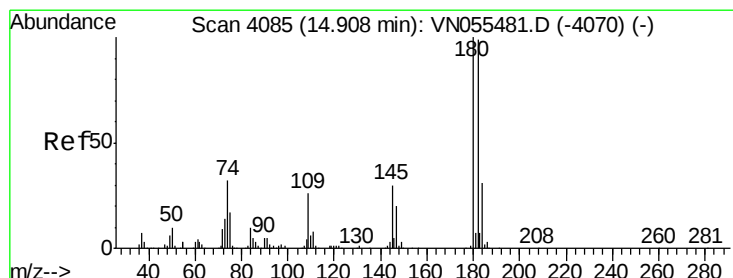
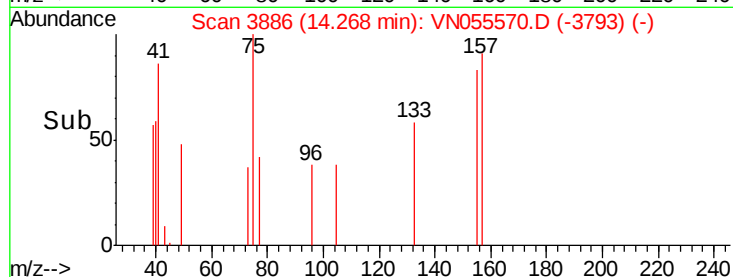
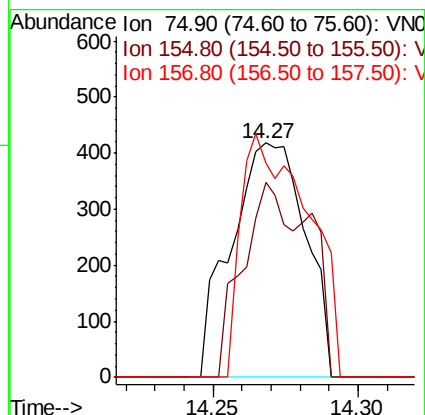
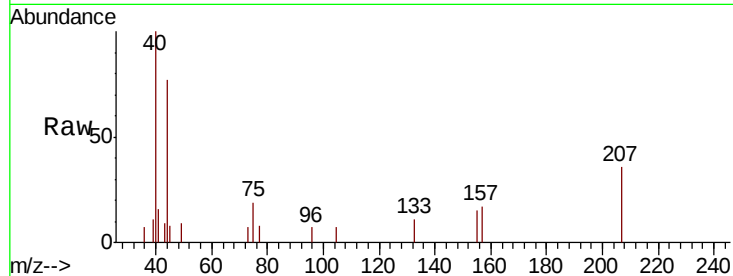




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.430 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055570.D
 Acq: 13 May 2019 11:13

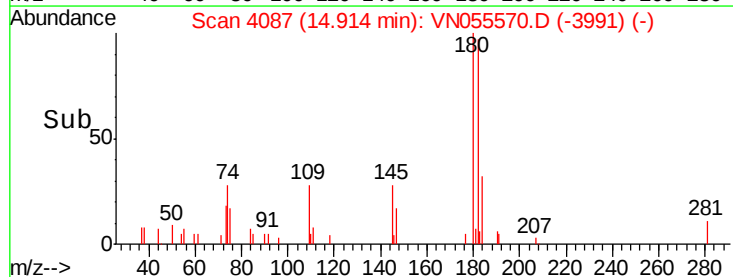
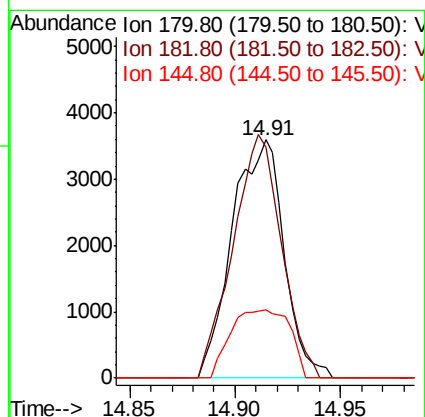
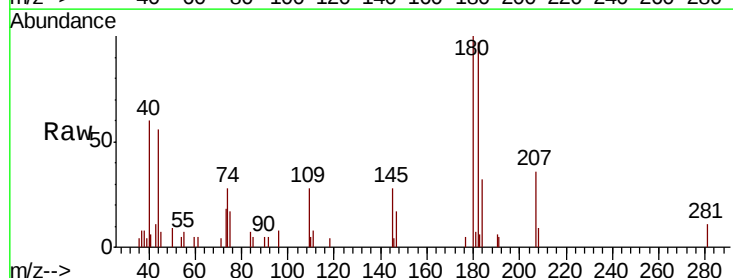
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS008-0002-01ME

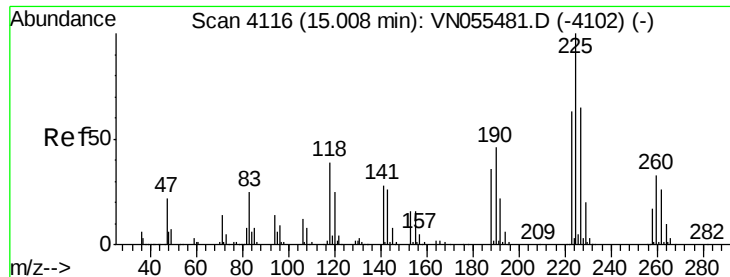
Tot Ion: 75 Resp: 744
 Ion Ratio Lower Upper
 75 100
 155 52.8 39.3 117.8
 157 93.5 50.6 151.8



#93
 1,2,4-Trichlorobenzene
 Concen: 4.235 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN055570.D
 Acq: 13 May 2019 11:13

Tgt Ion: 180 Resp: 6137
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.7 146.1
 145 32.5 15.3 45.9





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

P026-SS008-0002-01ME

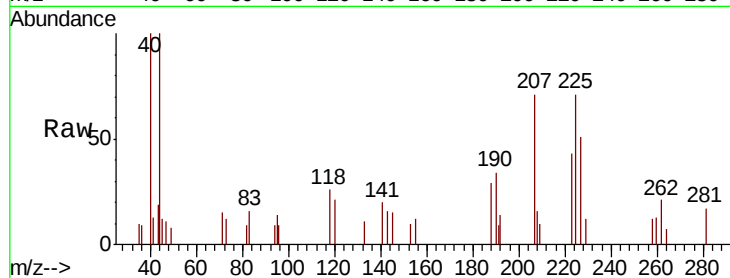
Tot Ion:225 Resp: 2683

Ion Ratio Lower Upper

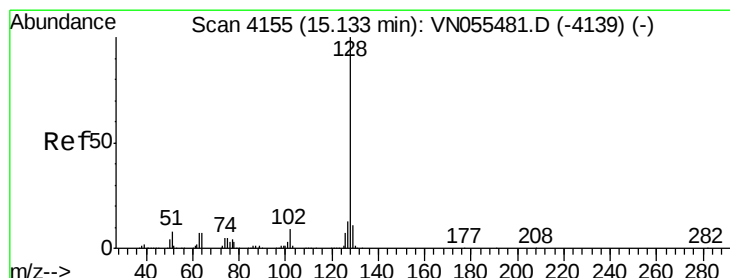
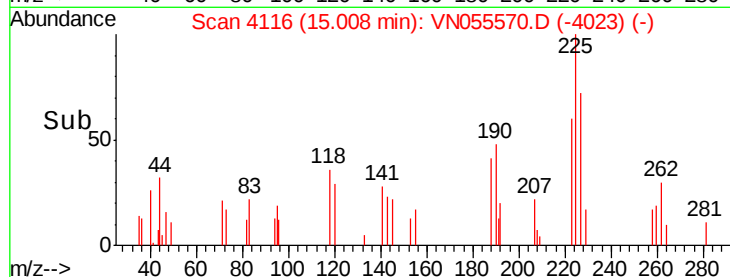
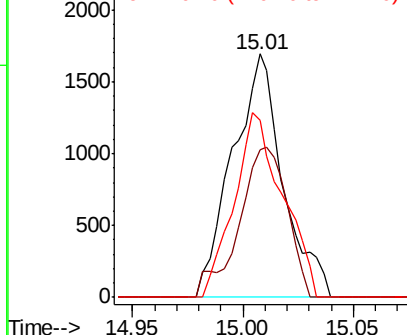
225 100

223 58.8 31.4 94.3

227 72.8 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: 4.118 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055570.D

Acq: 13 May 2019 11:13

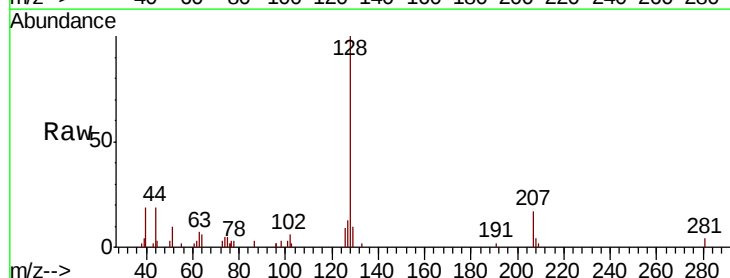
Tgt Ion:128 Resp: 19681

Ion Ratio Lower Upper

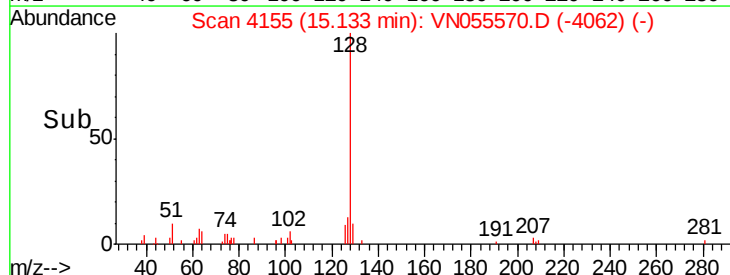
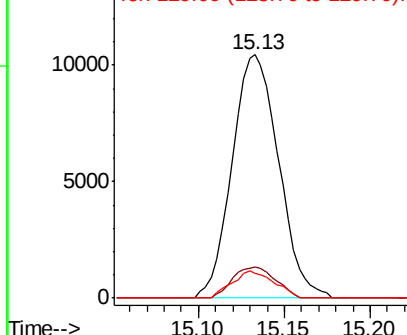
128 100

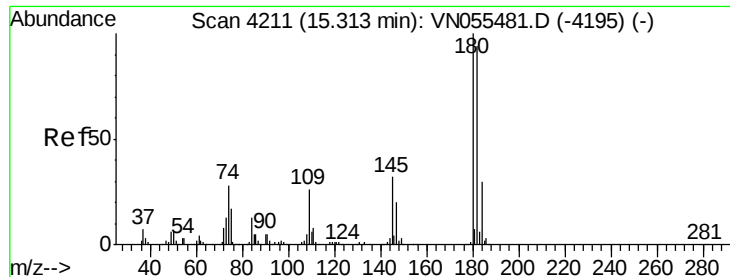
127 11.7 10.0 15.0

129 10.0 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: 3.457 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055570.D
 Acq: 13 May 2019 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS008-0002-01ME

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.1	141.3
145	28.7	15.8	47.4

