

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032588.D
 Acq On : 04 Nov 2022 19:44
 Operator : JC/MD
 Sample : N5387-03
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:40:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

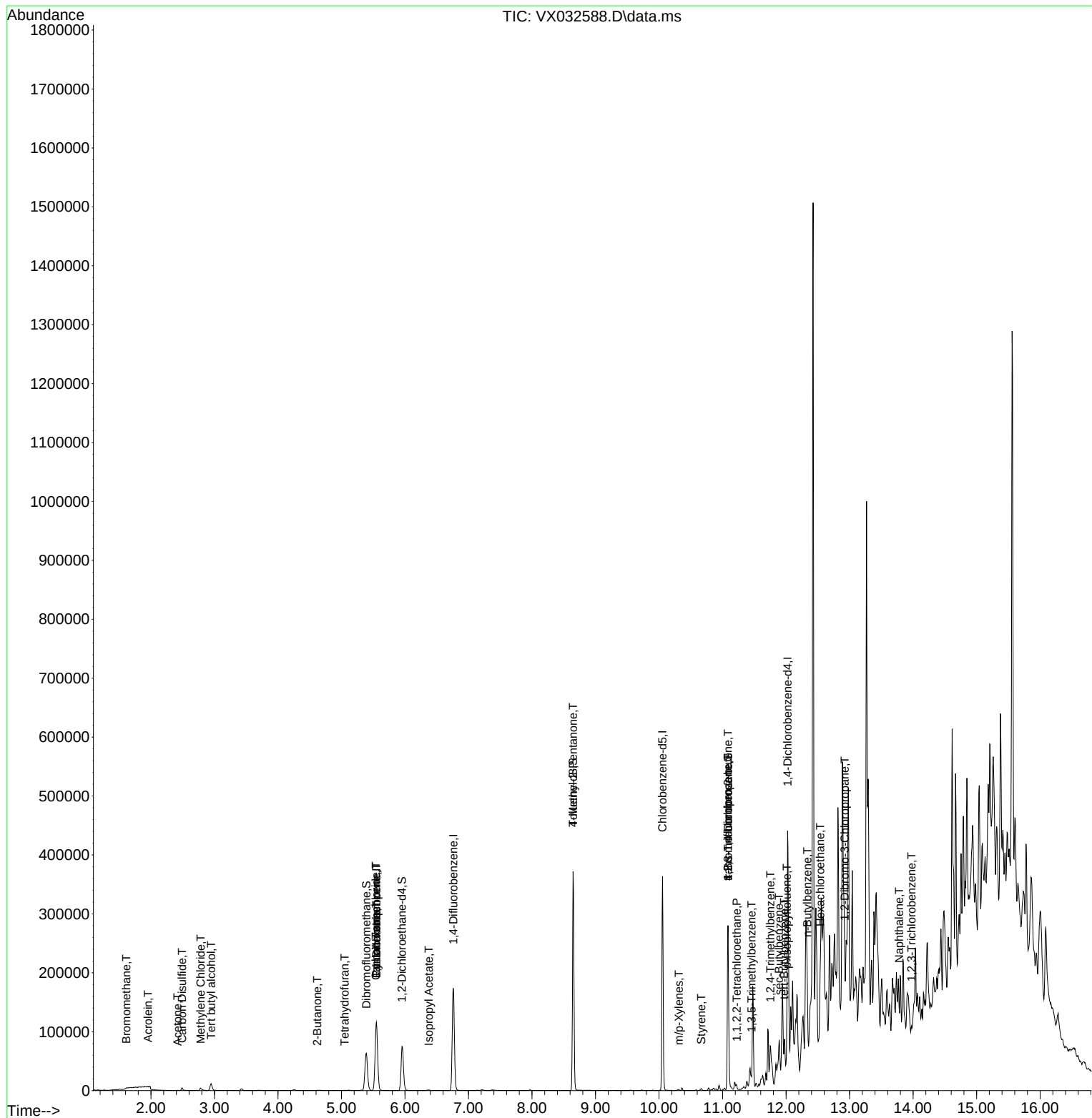
Internal Standards						
1) Pentafluorobenzene	5.550	168	107798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74920	50.019	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.040%	
35) Dibromofluoromethane	5.391	113	54379	42.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 85.380%	
50) Toluene-d8	8.647	98	214759	48.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.960%	
62) 4-Bromofluorobenzene	11.085	95	73674	42.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	188	0.203	ug/l #	58
11) Tert butyl alcohol	2.947	59	7169	32.884	ug/l #	72
13) Acrolein	1.953	56	48	0.221	ug/l #	14
16) Acetone	2.416	43	434	0.797	ug/l #	45
17) Carbon Disulfide	2.489	76	6032	2.343	ug/l	99
20) Methylene Chloride	2.782	84	2568	2.057	ug/l	91
25) 2-Butanone	4.617	43	1191	1.412	ug/l	95
29) Tetrahydrofuran	5.050	42	372	0.692	ug/l #	51
31) Cyclohexane	5.550	56	2456	1.352	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	8400	4.735	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10874	5.526	ug/l #	17
43) Isopropyl Acetate	6.373	43	695	0.245	ug/l #	61
51) 4-Methyl-2-Pentanone	8.647	43	1028	0.576	ug/l #	1
68) m/p-Xylenes	10.311	106	574	0.232	ug/l	87
70) Styrene	10.665	104	1498	0.375	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.226	83	803	0.402	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	40810	23.341	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.457	105	3336	0.627	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	40810	74.270	ug/l #	7
83) tert-Butylbenzene	11.969	119	5464	1.028	ug/l	73
84) 1,2,4-Trimethylbenzene	11.756	105	18033	3.406	ug/l	98
85) sec-Butylbenzene	11.890	105	3030	0.474	ug/l	80
86) p-Isopropyltoluene	12.012	119	3860	0.711	ug/l	87
89) n-Butylbenzene	12.335	91	19411	4.112	ug/l #	57
90) Hexachloroethane	12.536	117	1588	1.792	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.927	75	199	0.454	ug/l #	2
95) Naphthalene	13.780	128	29462	4.775	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.975	180	2102	1.117	ug/l #	1

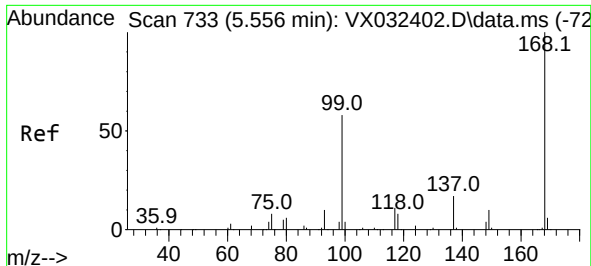
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
Data File : VX032588.D
Acq On : 04 Nov 2022 19:44
Operator : JC/MD
Sample : N5387-03
Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 05 00:40:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

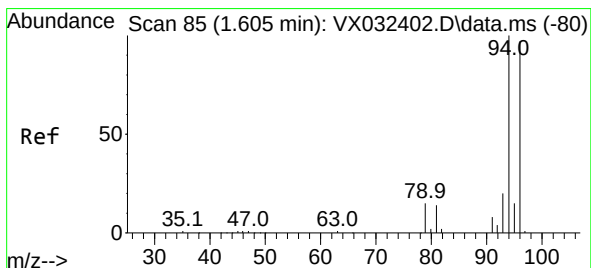
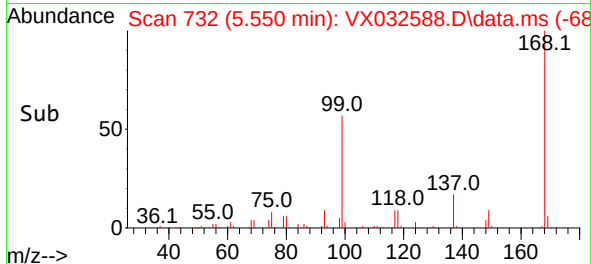
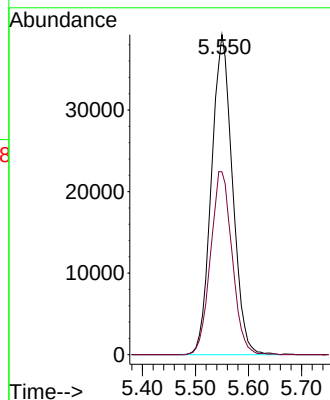
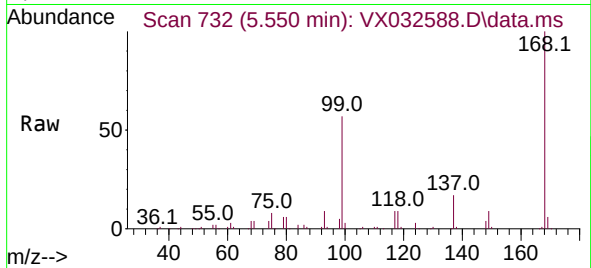




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

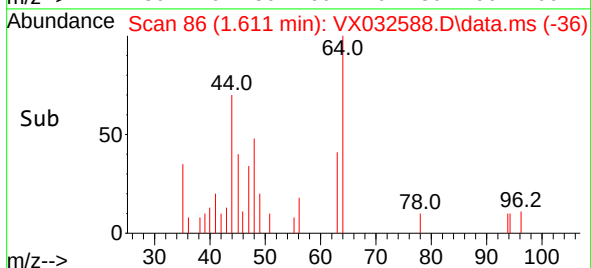
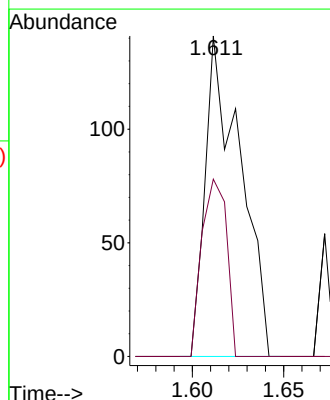
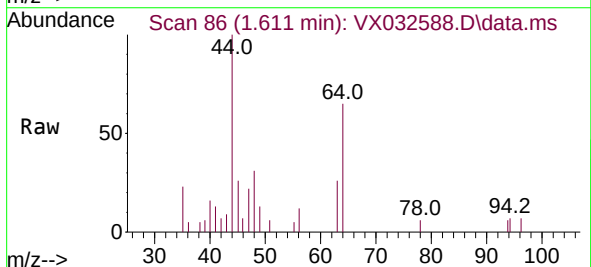
Instrument :
MSVOA_X
ClientSampleId :

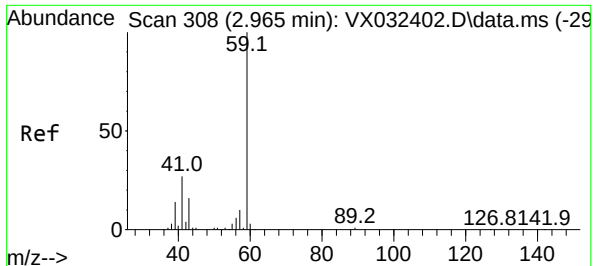
Tgt Ion:168 Resp: 107798
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion: 94 Resp: 188
Ion Ratio Lower Upper
94 100
96 55.3 77.6 116.4#

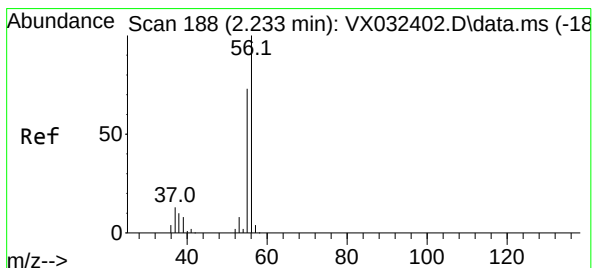
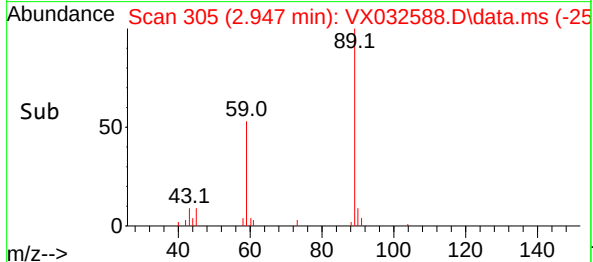
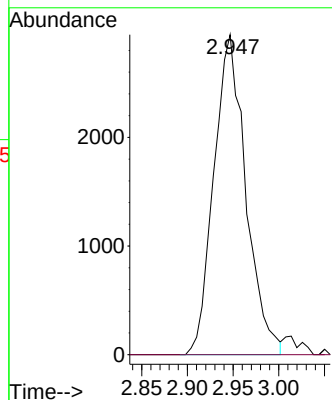
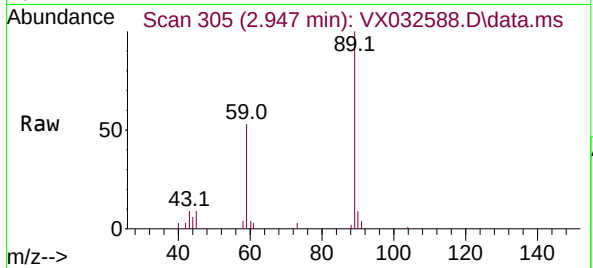




#11
Tert butyl alcohol
Concen: 32.884 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

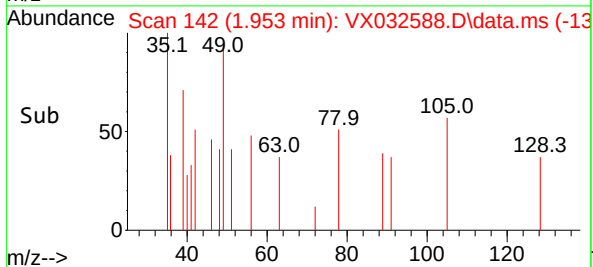
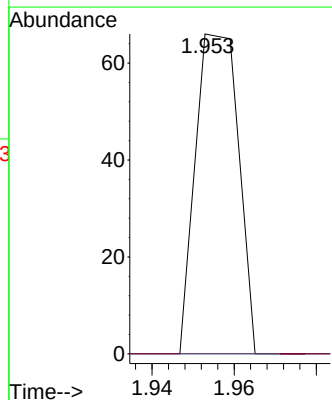
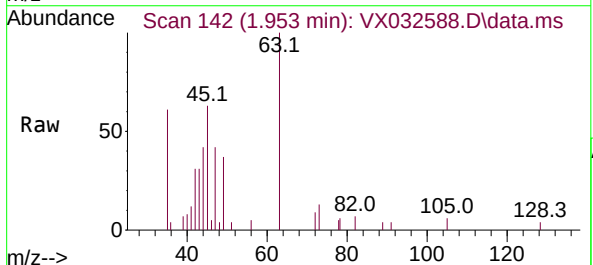
Instrument :
MSVOA_X
ClientSampleId :

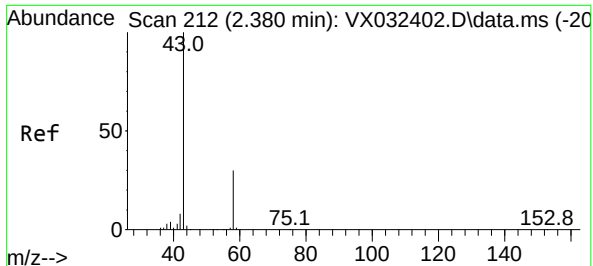
Tgt Ion: 59 Resp: 7169
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.221 ug/l
RT: 1.953 min Scan# 142
Delta R.T. -0.280 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#

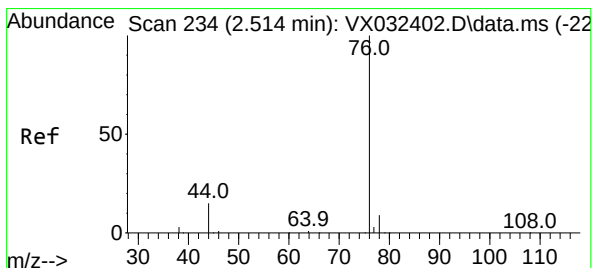
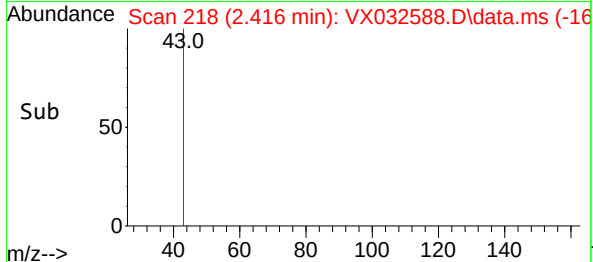
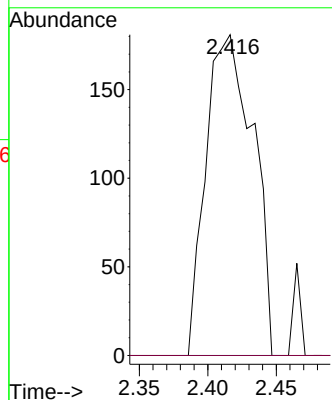
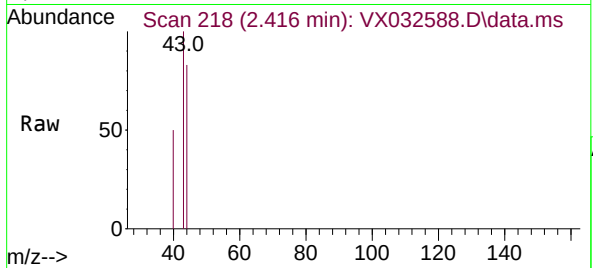




#16
Acetone
Concen: 0.797 ug/l
RT: 2.416 min Scan# 21
Delta R.T. 0.037 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

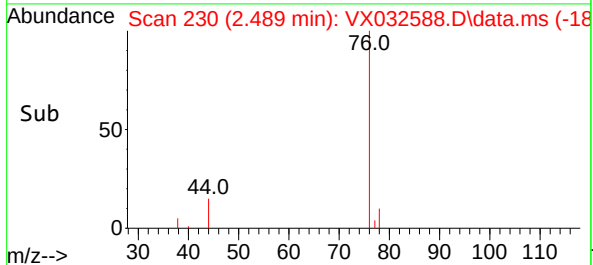
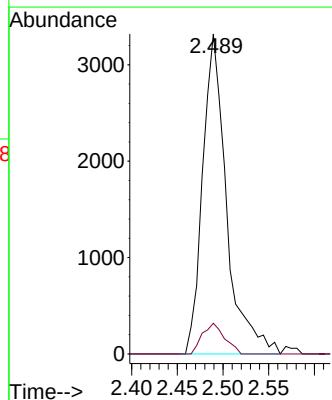
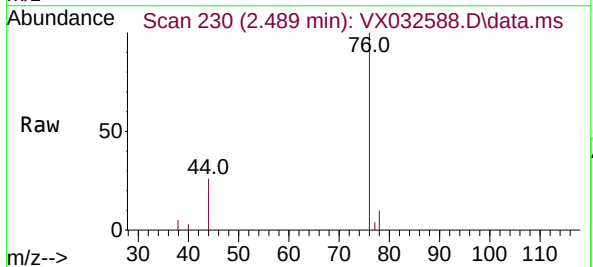
Instrument :
MSVOA_X
ClientSampleId :

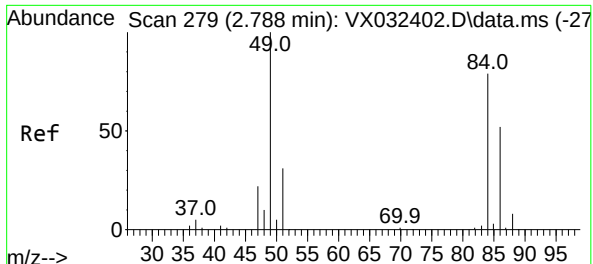
Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 2.343 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.024 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

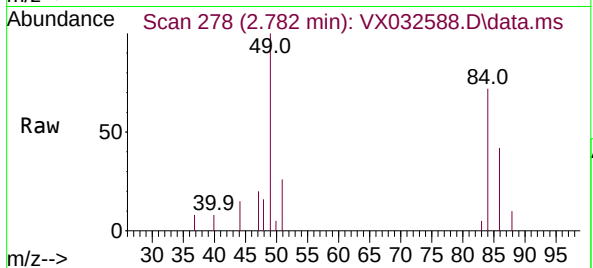
Tgt Ion: 76 Resp: 6032
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



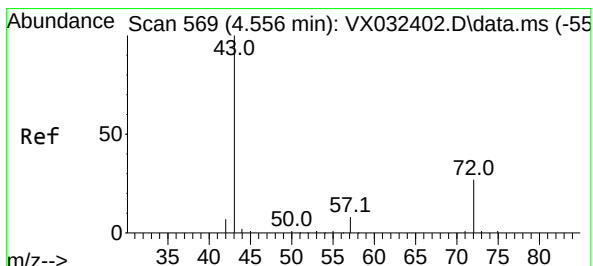
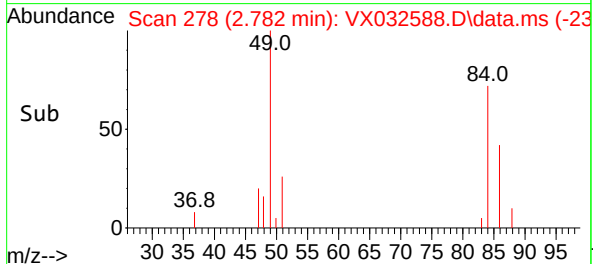
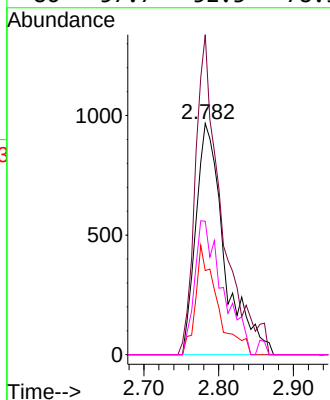


#20
Methylene Chloride
Concen: 2.057 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Instrument :
MSVOA_X
ClientSampleId :

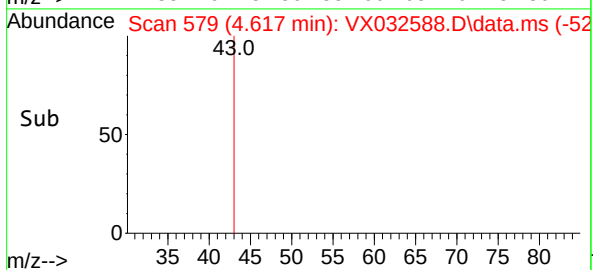
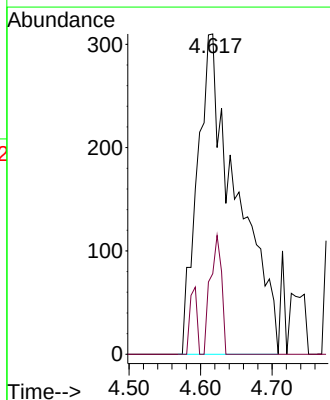
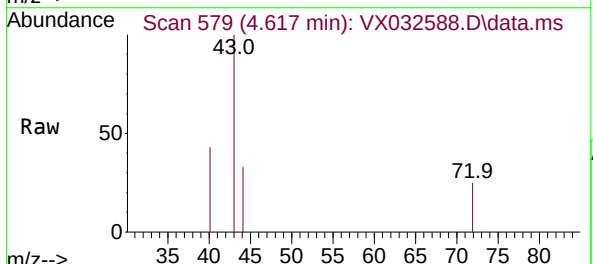


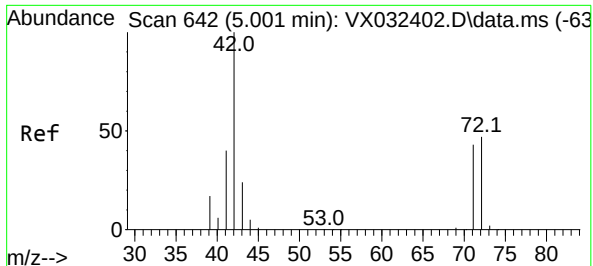
Tgt Ion:	84	Resp:	2568
Ion	Ratio	Lower	Upper
84	100		
49	138.4	101.0	151.6
51	36.4	31.1	46.7
86	57.7	52.3	78.5



#25
2-Butanone
Concen: 1.412 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.061 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion:	43	Resp:	1191
Ion	Ratio	Lower	Upper
43	100		
72	25.2	22.2	33.2





#29

Tetrahydrofuran

Concen: 0.692 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.049 min

Lab File: VX032588.D

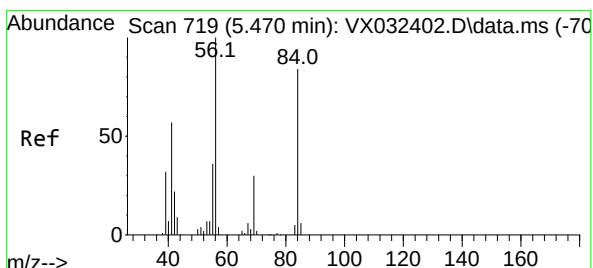
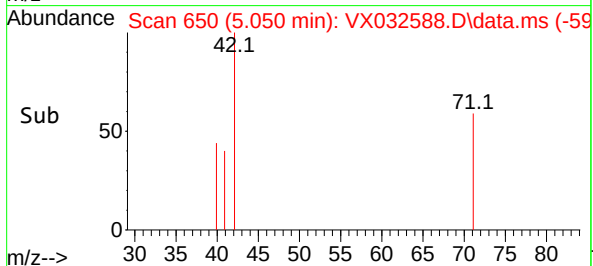
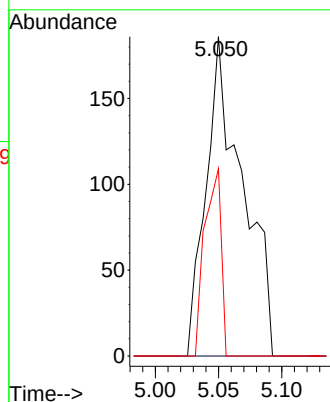
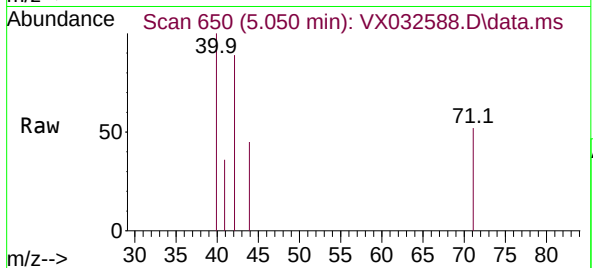
Acq: 04 Nov 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	372
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	26.9	34.7	52.1#



#31

Cyclohexane

Concen: 1.352 ug/l

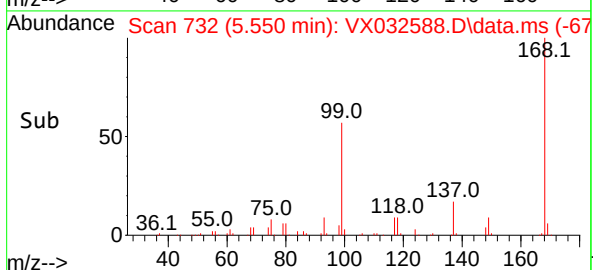
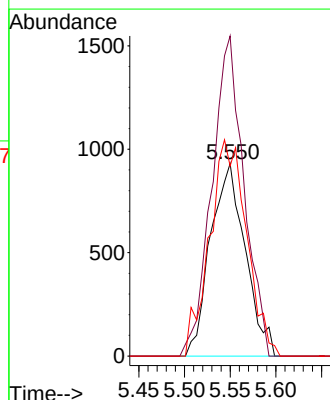
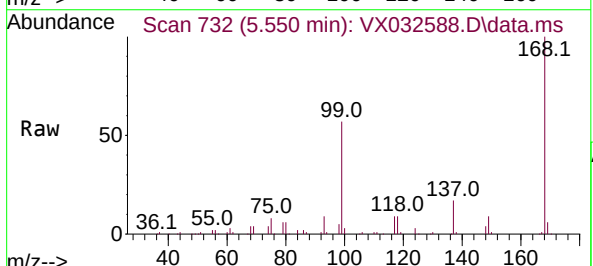
RT: 5.550 min Scan# 732

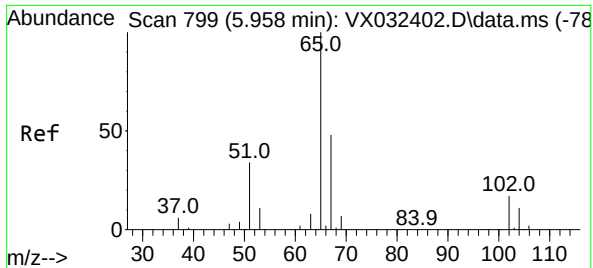
Delta R.T. 0.079 min

Lab File: VX032588.D

Acq: 04 Nov 2022 19:44

Tgt Ion:	56	Resp:	2456
Ion	Ratio	Lower	Upper
56	100		
69	166.3	24.1	36.1#
84	98.7	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 50.019 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032588.D

Acq: 04 Nov 2022 19:44

Instrument :

MSVOA_X

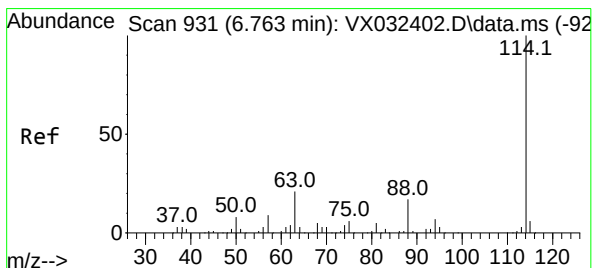
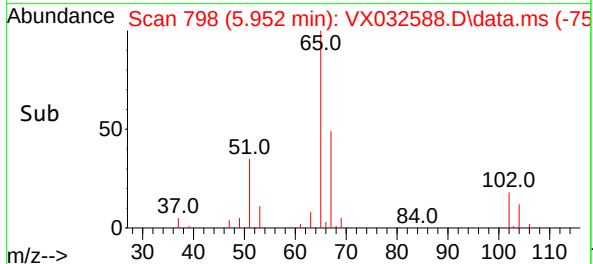
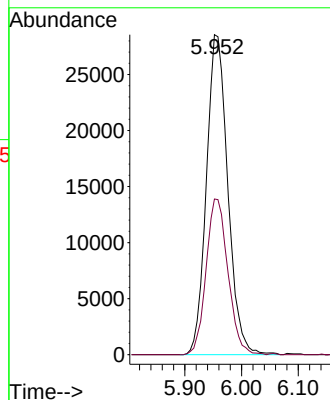
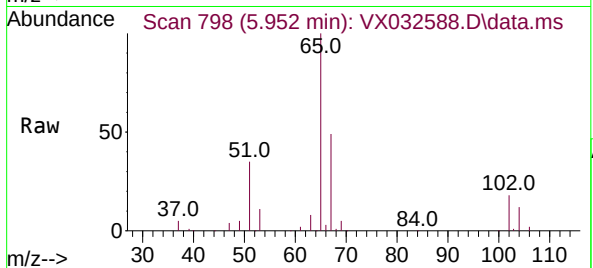
ClientSampleId :

Tgt Ion: 65 Resp: 74920

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032588.D

Acq: 04 Nov 2022 19:44

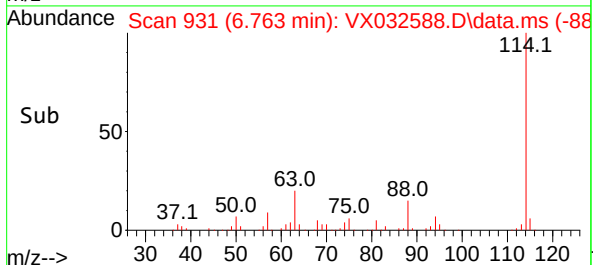
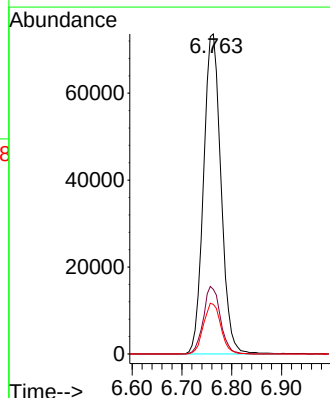
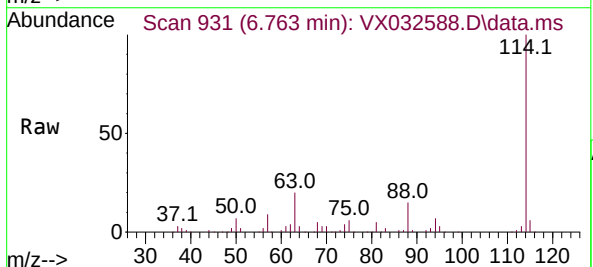
Tgt Ion: 114 Resp: 178598

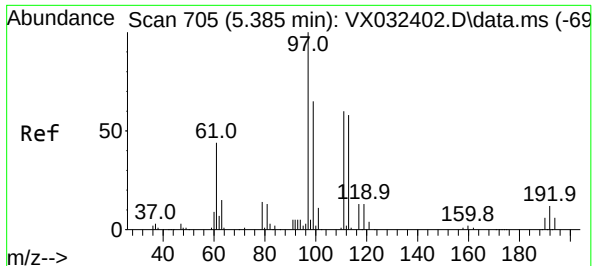
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 42.685 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032588.D

Acq: 04 Nov 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

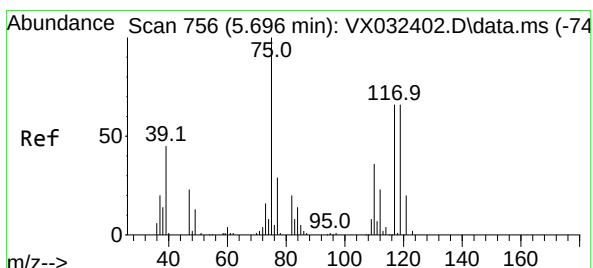
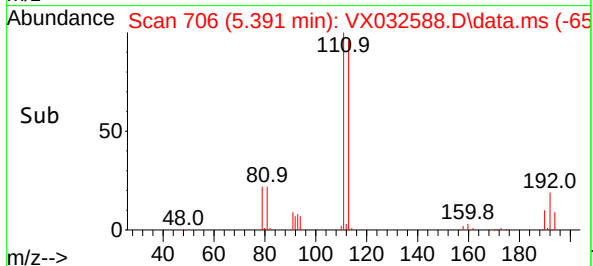
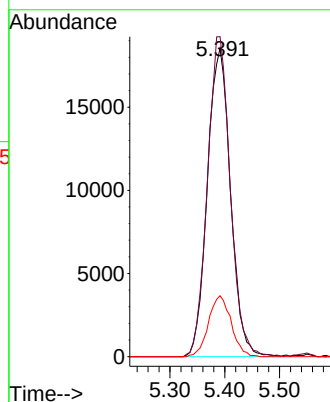
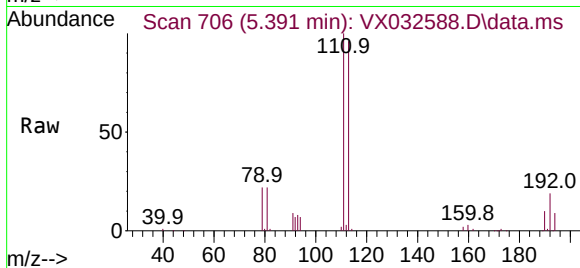
Tgt Ion:113 Resp: 54379

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.735 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032588.D

Acq: 04 Nov 2022 19:44

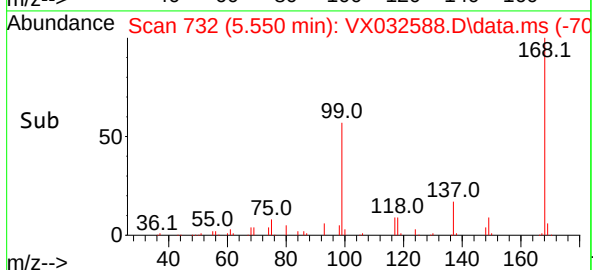
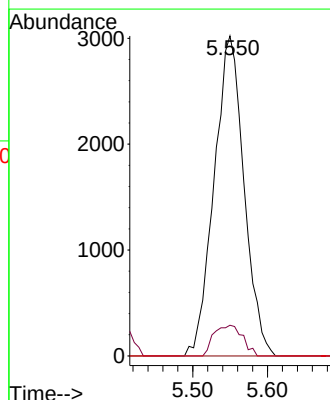
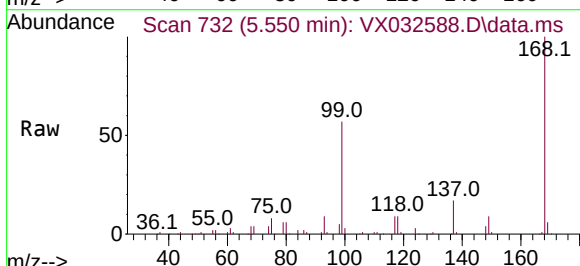
Tgt Ion: 75 Resp: 8400

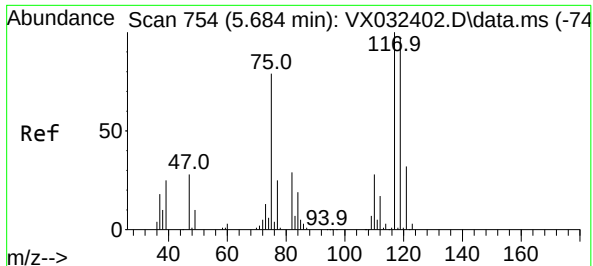
Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.2#

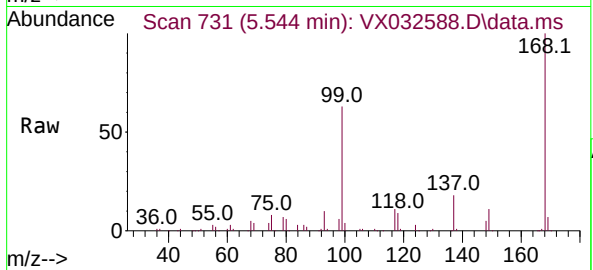
77 0.0 24.5 36.7#



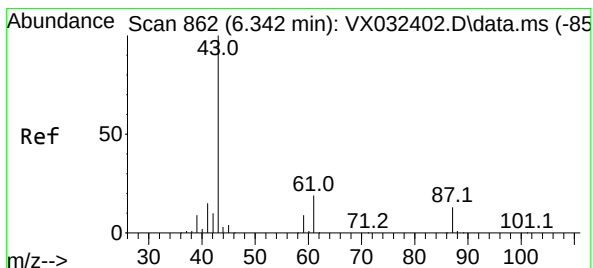
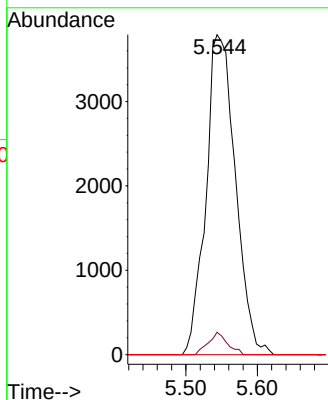
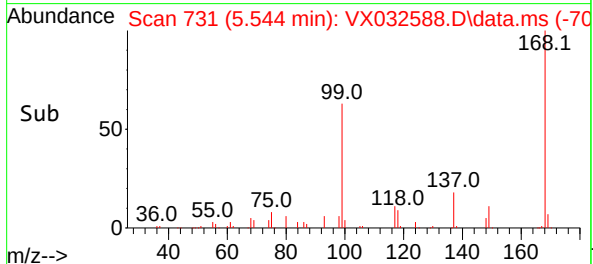


#38
Carbon Tetrachloride
Concen: 5.526 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Instrument :
MSVOA_X
ClientSampleId :

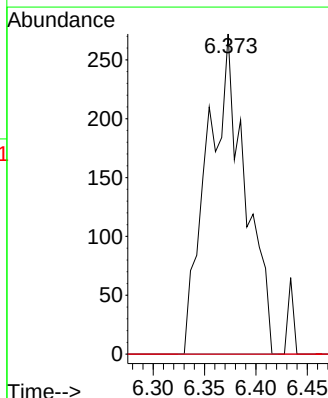
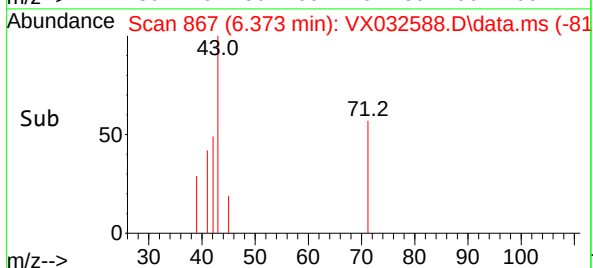
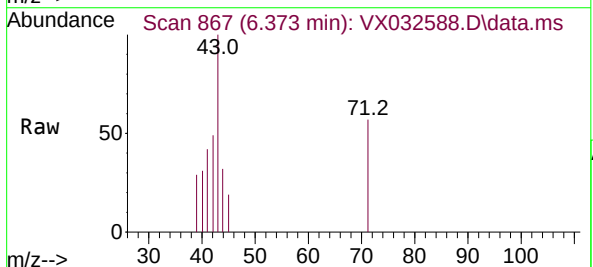


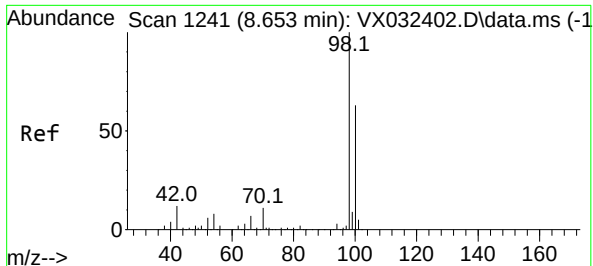
Tgt Ion:117 Resp: 10874
Ion Ratio Lower Upper
117 100
119 7.0 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 0.245 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.031 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#





#50

Toluene-d8

Concen: 48.480 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032588.D

Acq: 04 Nov 2022 19:44

Instrument :

MSVOA_X

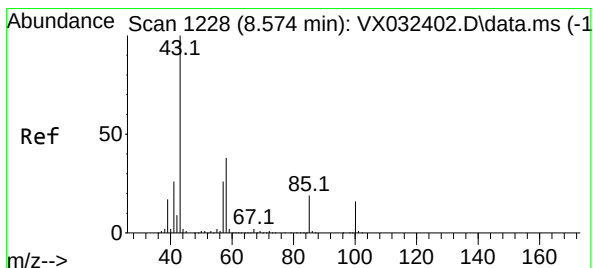
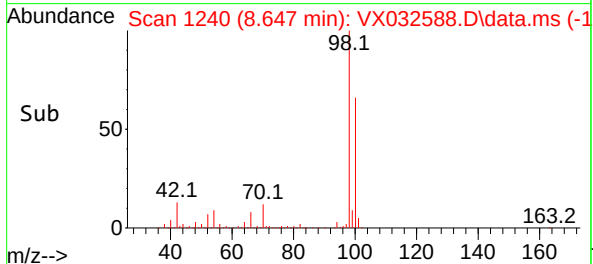
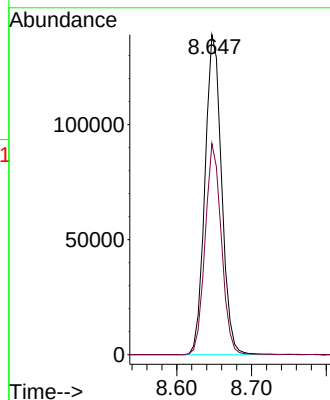
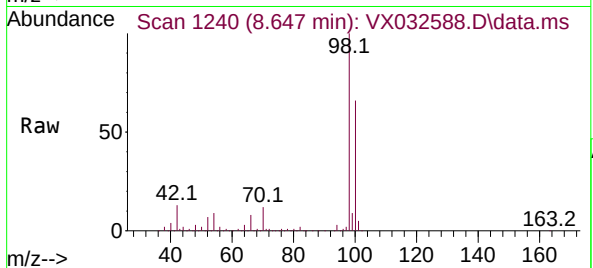
ClientSampleId :

Tgt Ion: 98 Resp: 214759

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.576 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032588.D

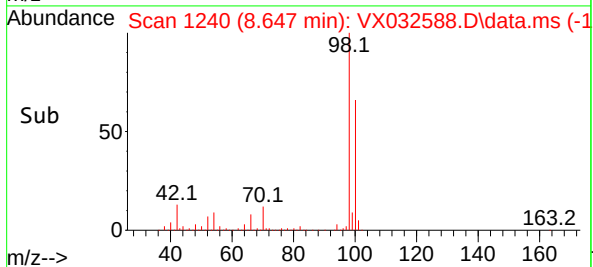
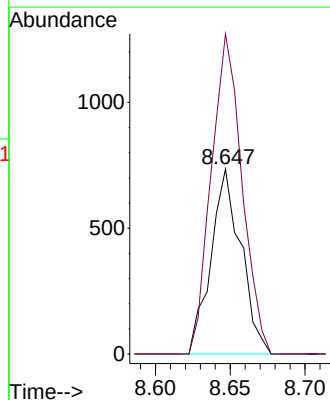
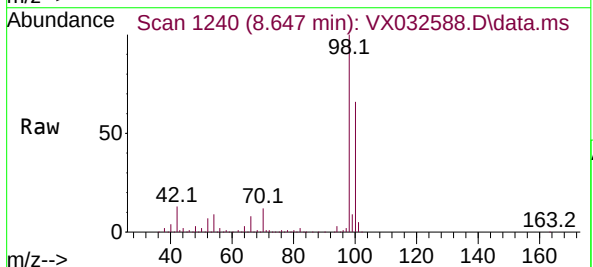
Acq: 04 Nov 2022 19:44

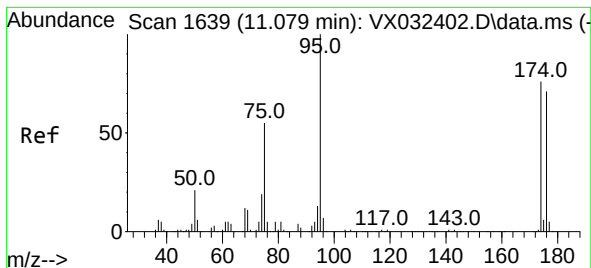
Tgt Ion: 43 Resp: 1028

Ion Ratio Lower Upper

43 100

58 176.6 30.9 46.3#

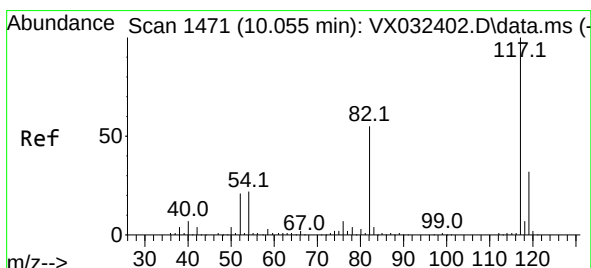
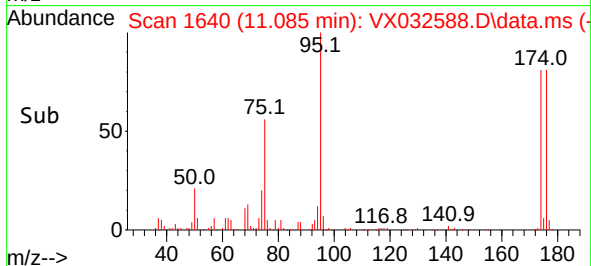
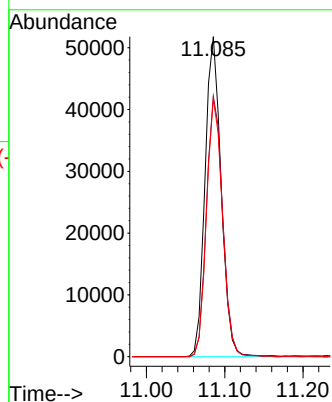
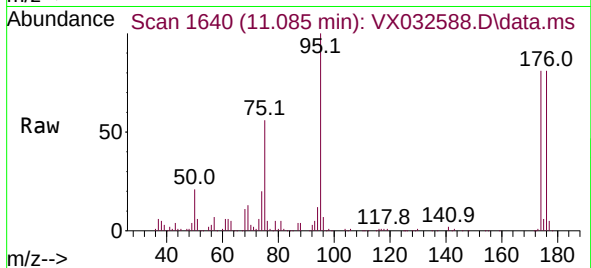




#62
4-Bromofluorobenzene
Concen: 42.576 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

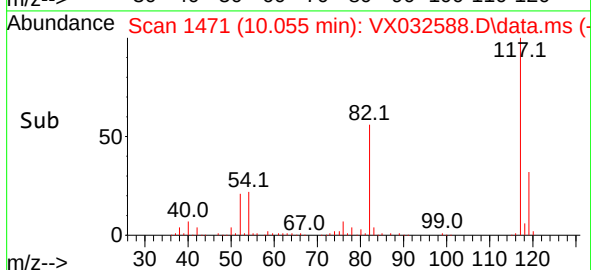
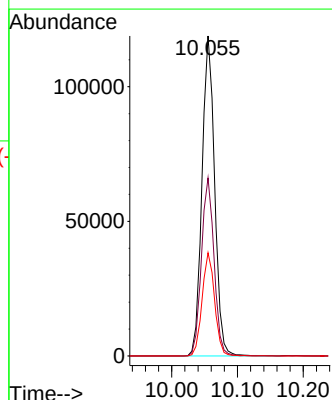
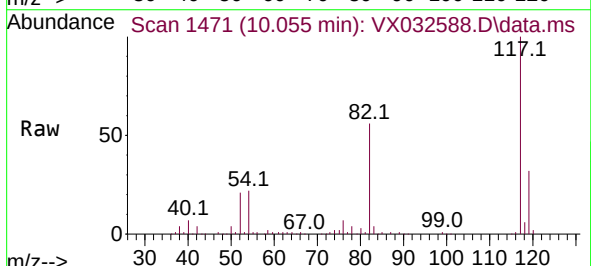
Instrument :
MSVOA_X
ClientSampleId :

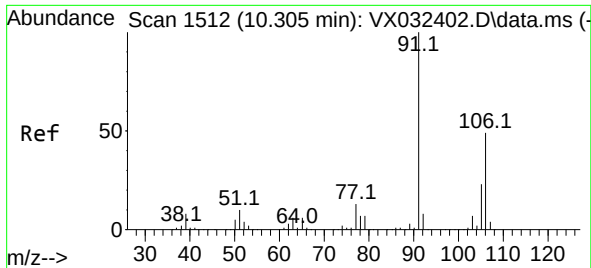
Tgt Ion: 95 Resp: 73674
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 80.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion: 117 Resp: 158740
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.3 25.7 38.5

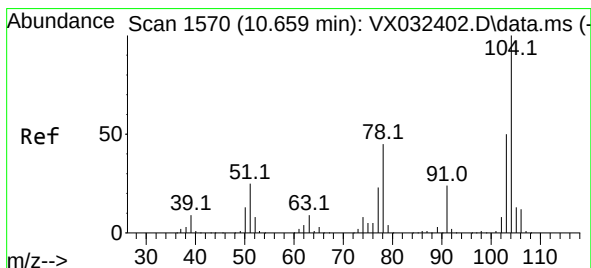
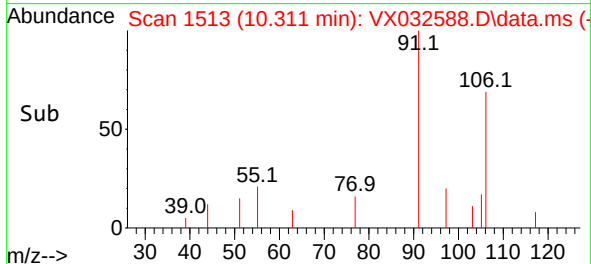
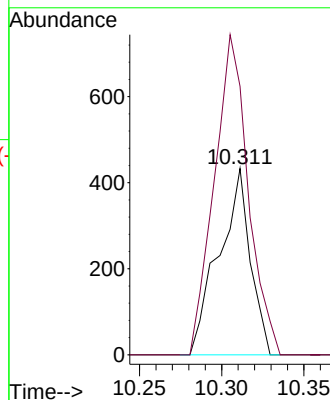
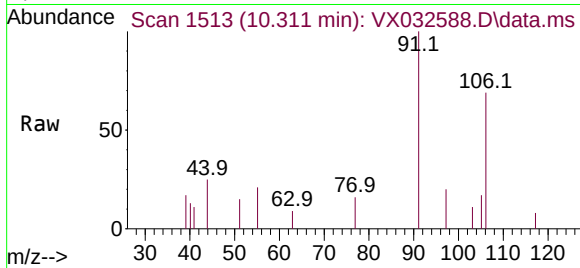




#68
m/p-Xylenes
Concen: 0.232 ug/l
RT: 10.311 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

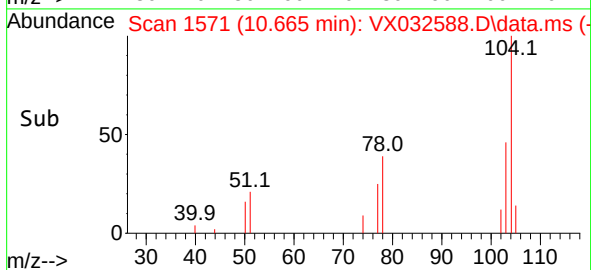
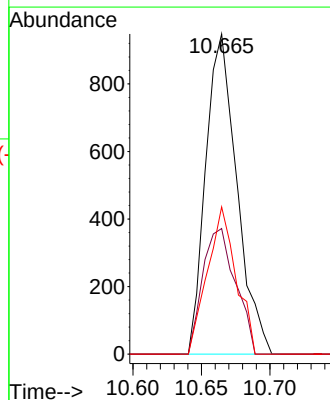
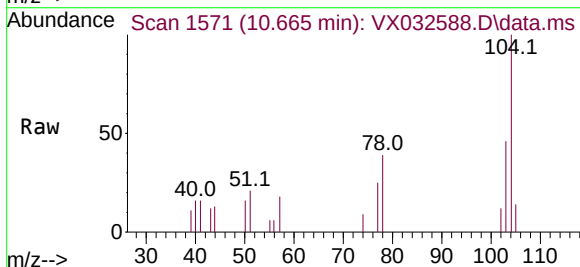
Instrument :
MSVOA_X
ClientSampleId :

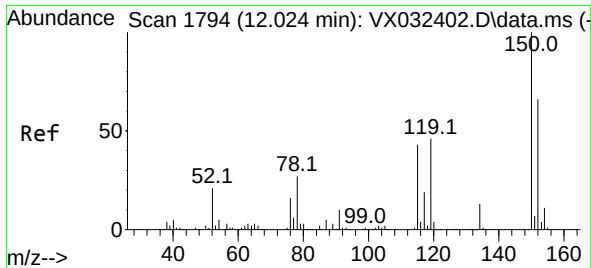
Tgt Ion:106 Resp: 574
Ion Ratio Lower Upper
106 100
91 185.9 164.5 246.7



#70
Styrene
Concen: 0.375 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion:104 Resp: 1498
Ion Ratio Lower Upper
104 100
78 41.4 41.8 62.8#
103 42.3 44.5 66.7#

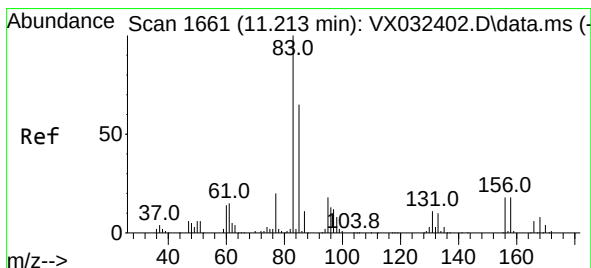
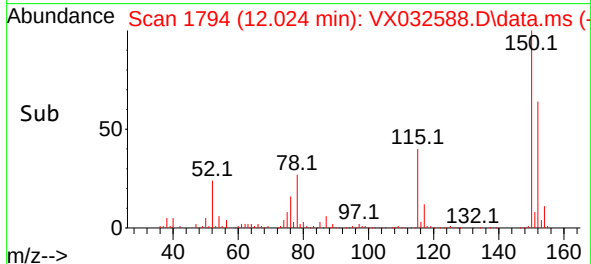
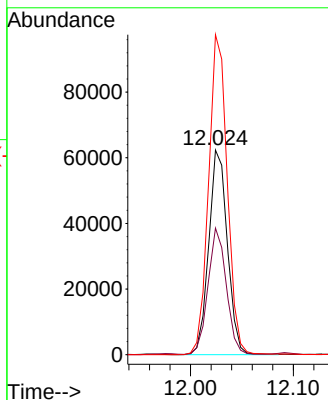
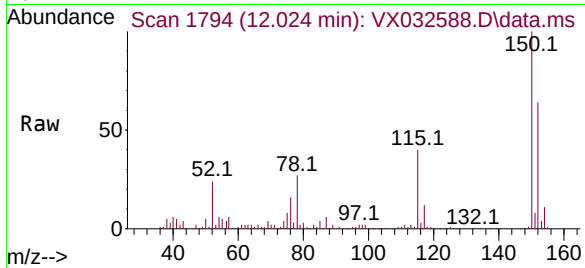




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032588.D
 Acq: 04 Nov 2022 19:44

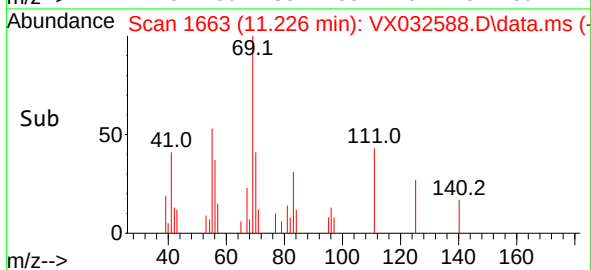
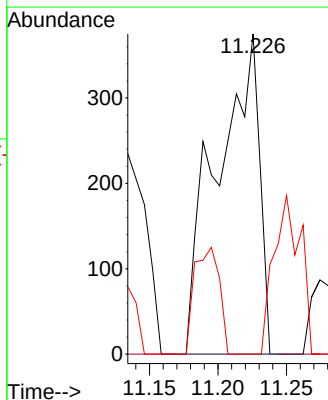
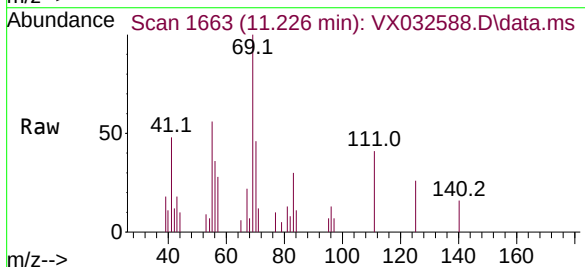
Instrument :
 MSVOA_X
 ClientSampleId :

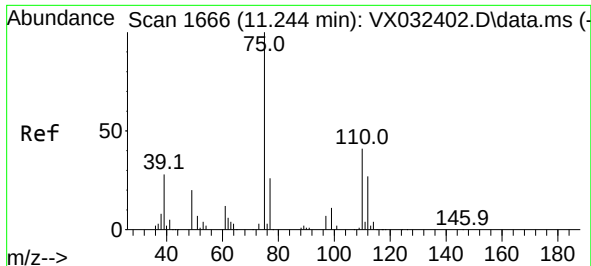
Tgt Ion:152 Resp: 78591
 Ion Ratio Lower Upper
 152 100
 115 60.2 44.0 132.0
 150 156.2 0.0 351.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.402 ug/l
 RT: 11.226 min Scan# 1663
 Delta R.T. 0.012 min
 Lab File: VX032588.D
 Acq: 04 Nov 2022 19:44

Tgt Ion: 83 Resp: 803
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.4 16.2#
 85 0.0 31.9 95.9#

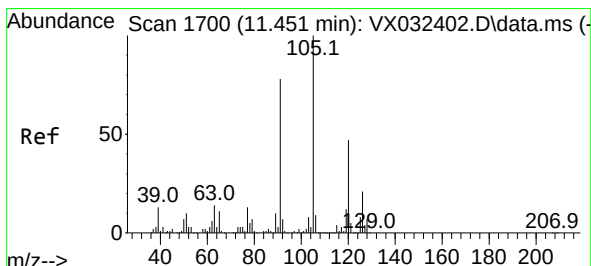
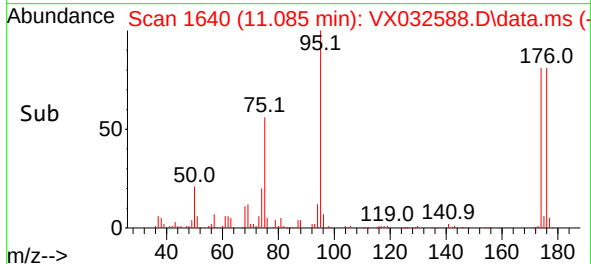
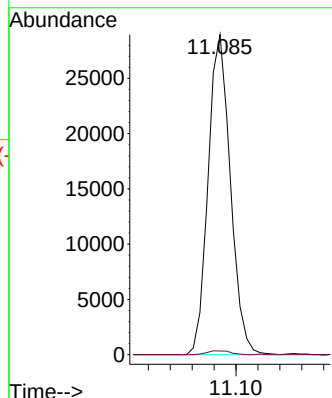
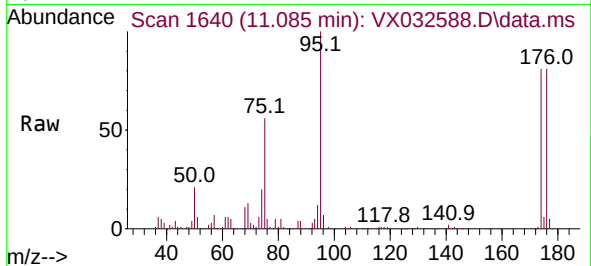




#76
1,2,3-Trichloropropane
Concen: 23.341 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

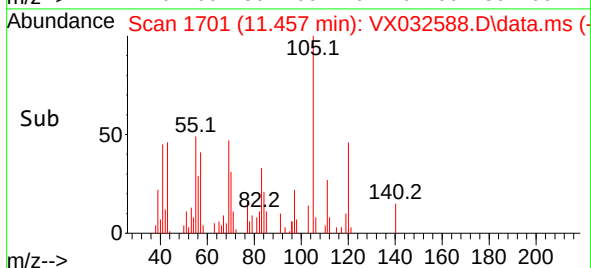
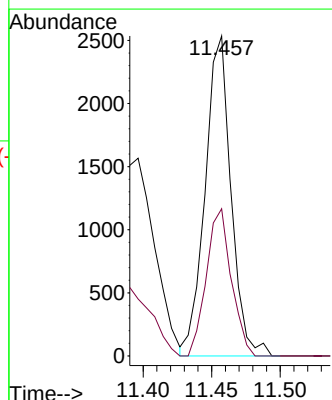
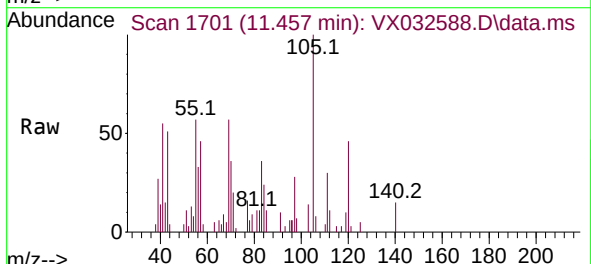
Instrument :
MSVOA_X
ClientSampleId :

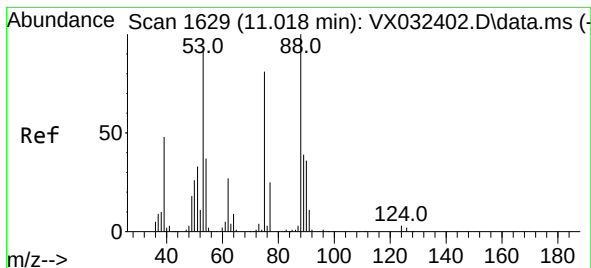
Tgt Ion: 75 Resp: 40810
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.627 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion:105 Resp: 3336
Ion Ratio Lower Upper
105 100
120 44.3 23.6 71.0

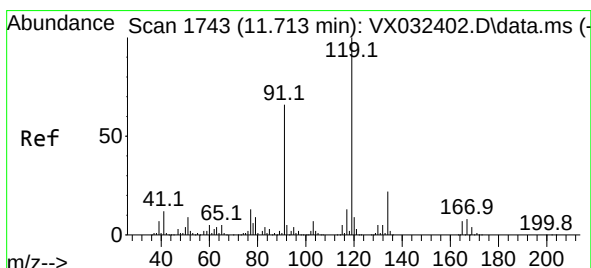
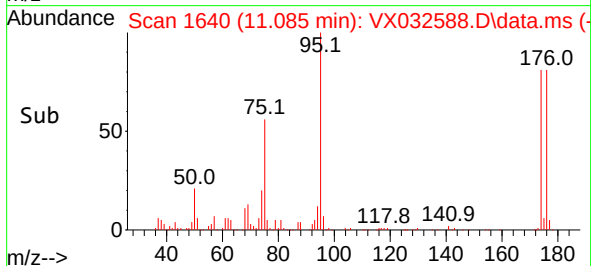
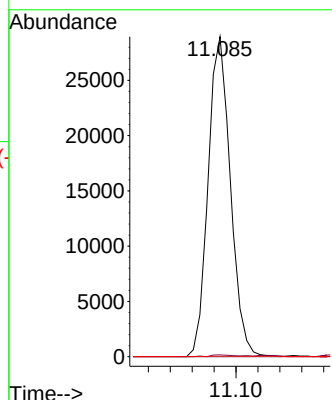
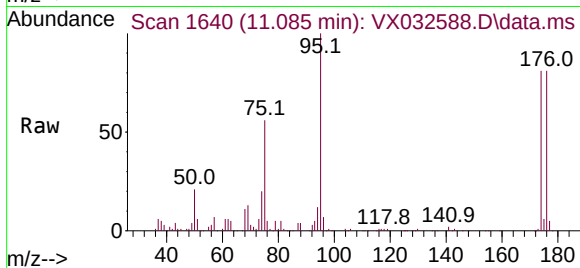




#81
trans-1,4-Dichloro-2-butene
Concen: 74.270 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

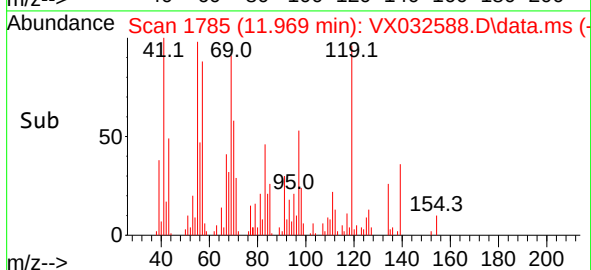
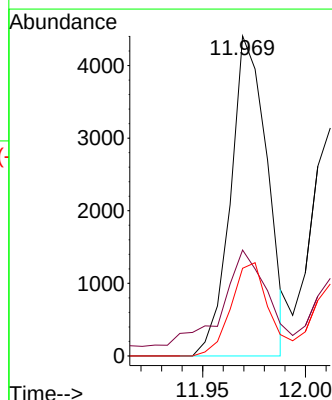
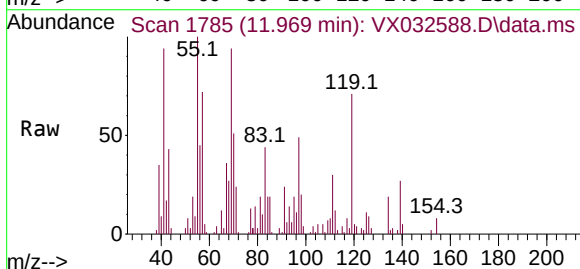
Instrument :
MSVOA_X
ClientSampleId :

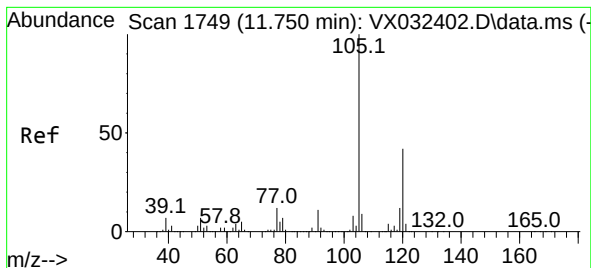
Tgt Ion: 75 Resp: 40810
Ion Ratio Lower Upper
75 100
53 0.6 86.9 130.3#
89 0.0 38.3 57.5#



#83
tert-Butylbenzene
Concen: 1.028 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.256 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion: 119 Resp: 5464
Ion Ratio Lower Upper
119 100
91 35.5 29.4 88.2
134 29.2 11.0 33.0





#84

1,2,4-Trimethylbenzene

Concen: 3.406 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032588.D

Acq: 04 Nov 2022 19:44

Instrument :

MSVOA_X

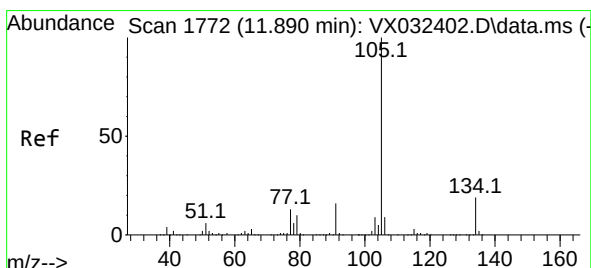
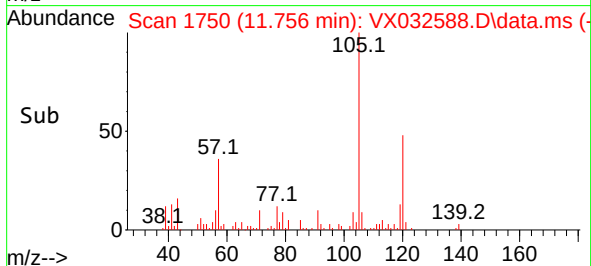
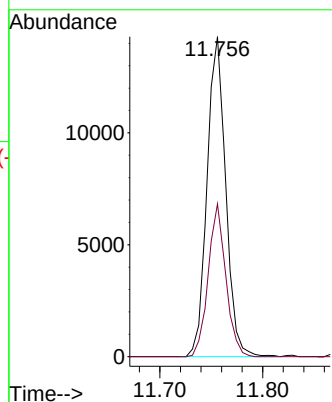
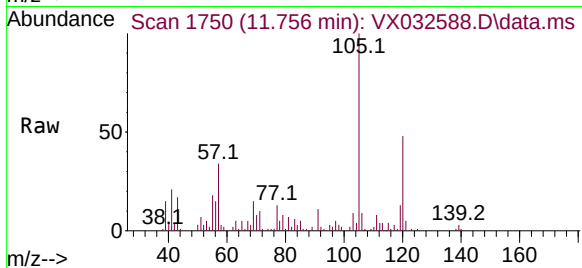
ClientSampleId :

Tgt Ion:105 Resp: 18033

Ion Ratio Lower Upper

105 100

120 45.1 21.9 65.5



#85

sec-Butylbenzene

Concen: 0.474 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032588.D

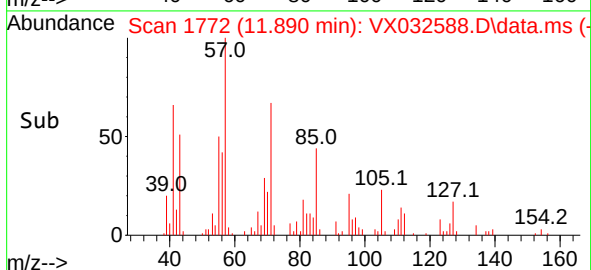
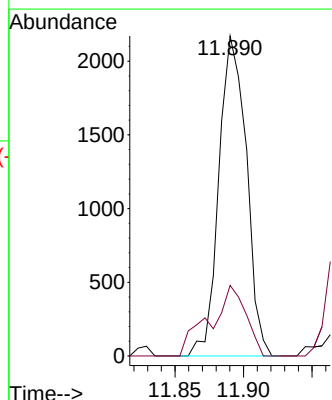
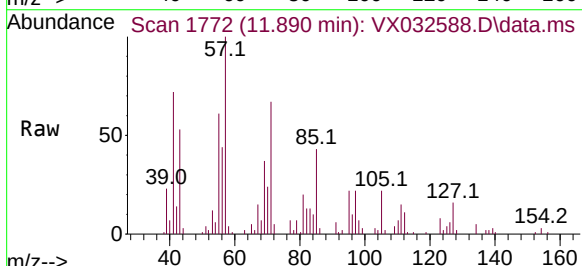
Acq: 04 Nov 2022 19:44

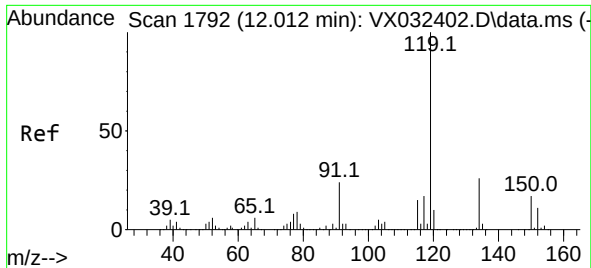
Tgt Ion:105 Resp: 3030

Ion Ratio Lower Upper

105 100

134 29.0 9.9 29.7

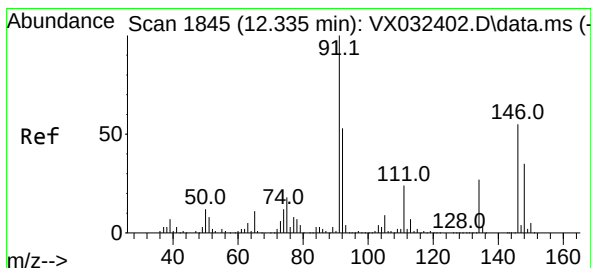
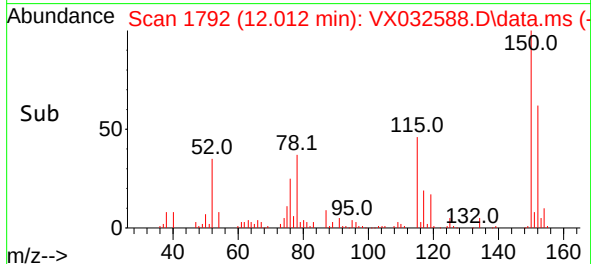
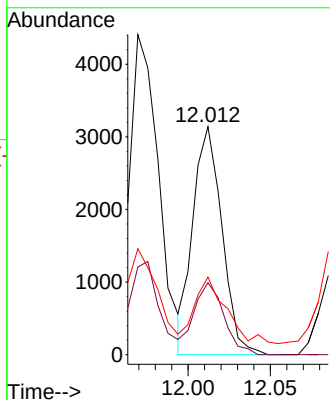
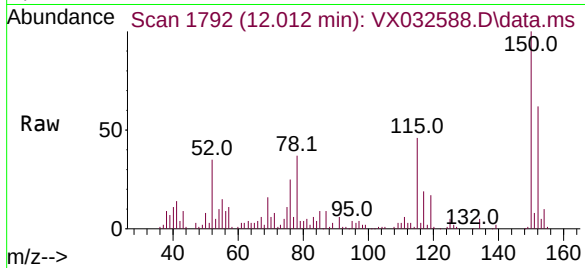




#86
p-Isopropyltoluene
Concen: 0.711 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

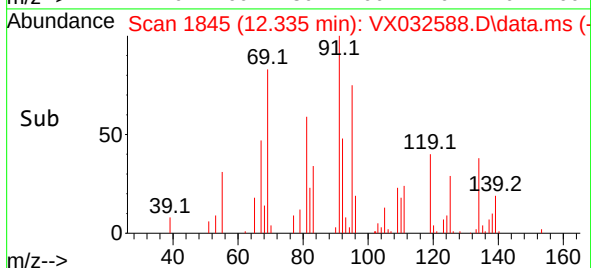
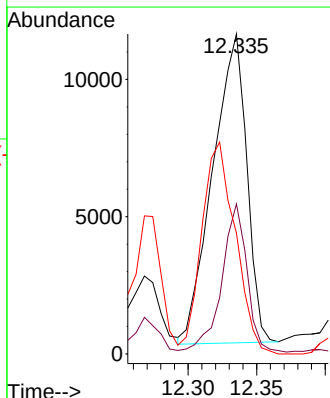
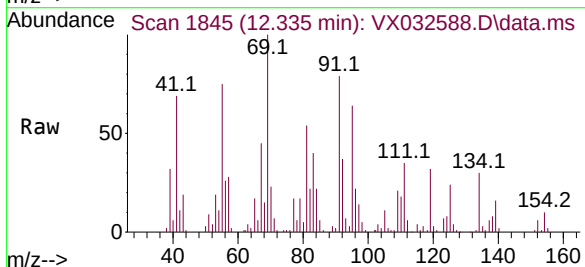
Instrument :
MSVOA_X
ClientSampleId :

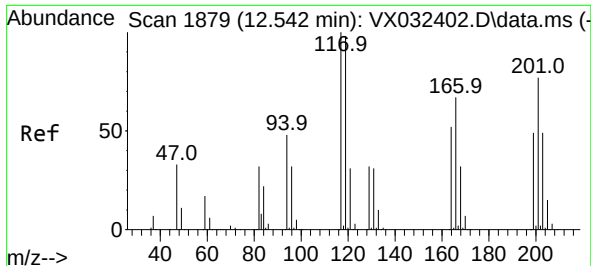
Tgt Ion:119 Resp: 3860
Ion Ratio Lower Upper
119 100
134 32.5 12.9 38.7
91 31.5 12.5 37.5



#89
n-Butylbenzene
Concen: 4.112 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

Tgt Ion: 91 Resp: 19411
Ion Ratio Lower Upper
91 100
92 35.9 26.2 78.6
134 67.9 12.9 38.6#

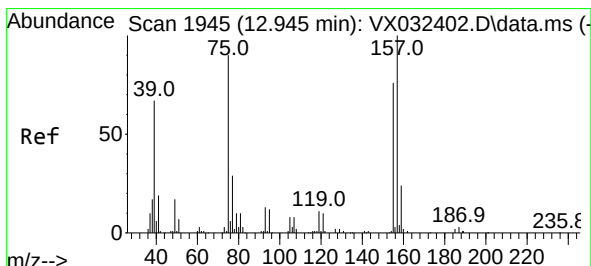
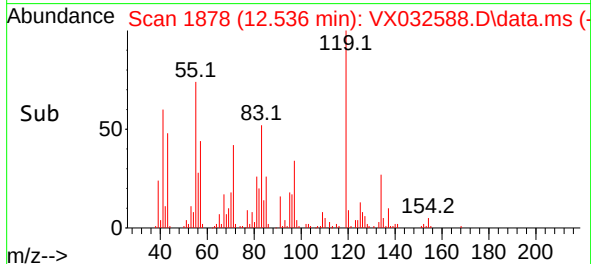
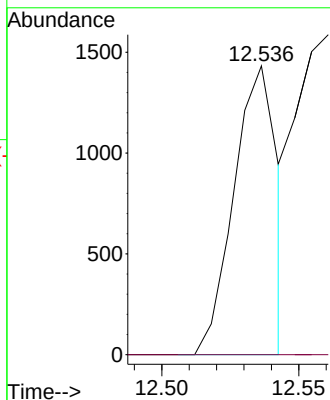
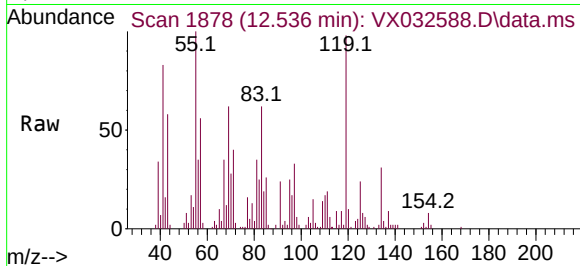




#90
Hexachloroethane
Concen: 1.792 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

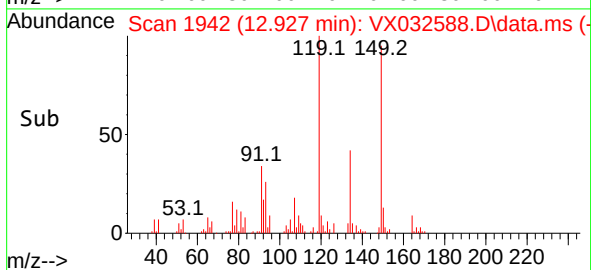
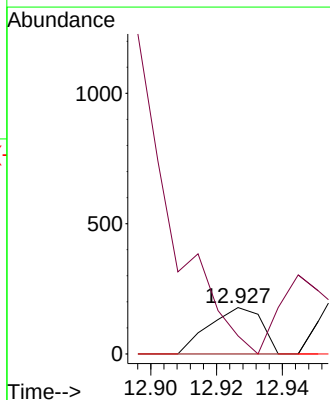
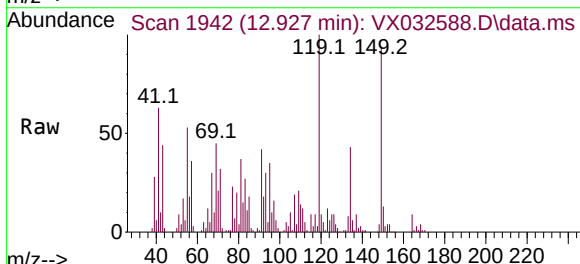
Instrument :
MSVOA_X
ClientSampleId :

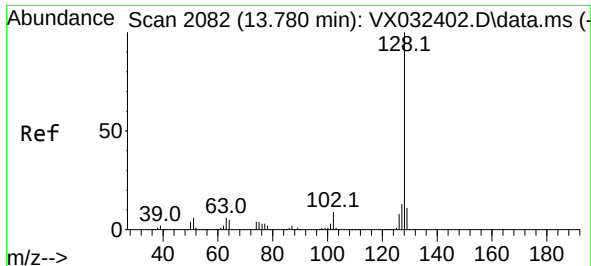
Tgt Ion:117 Resp: 1588
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.454 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. -0.018 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

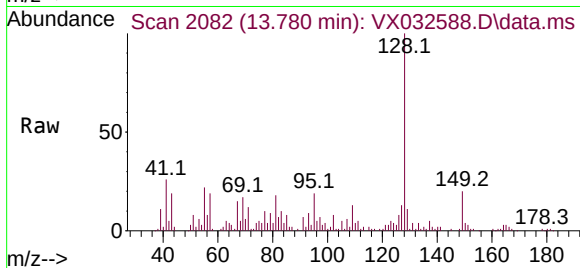
Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
155 165.8 41.6 124.8#
157 0.0 54.1 162.4#



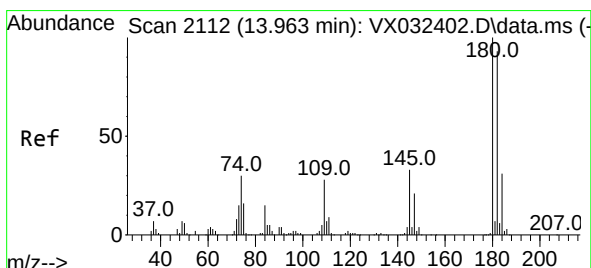
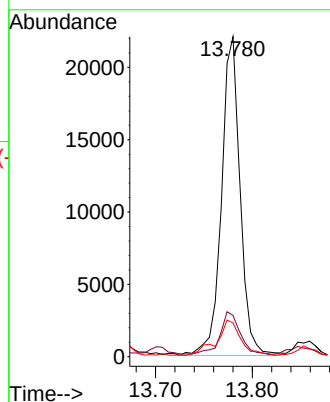
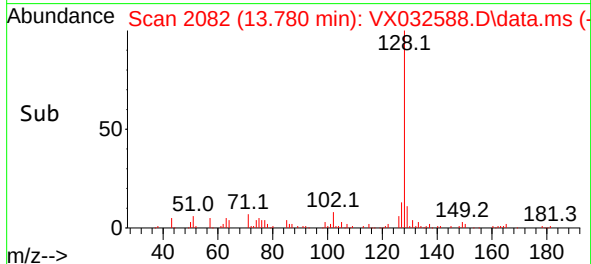


#95
Naphthalene
Concen: 4.775 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44

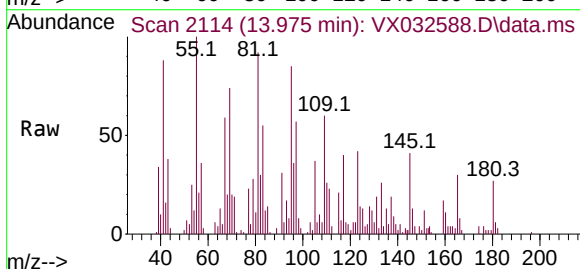
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 29462
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 14.2 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 1.117 ug/l
RT: 13.975 min Scan# 2114
Delta R.T. 0.012 min
Lab File: VX032588.D
Acq: 04 Nov 2022 19:44



Tgt Ion:180 Resp: 2102
Ion Ratio Lower Upper
180 100
182 6.2 47.5 142.6#
145 136.7 16.9 50.6#

