

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029565.D
 Acq On : 18 Jun 2022 13:21
 Operator : JC/MD
 Sample : VX0618WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01

Quant Time: Jun 20 01:32:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

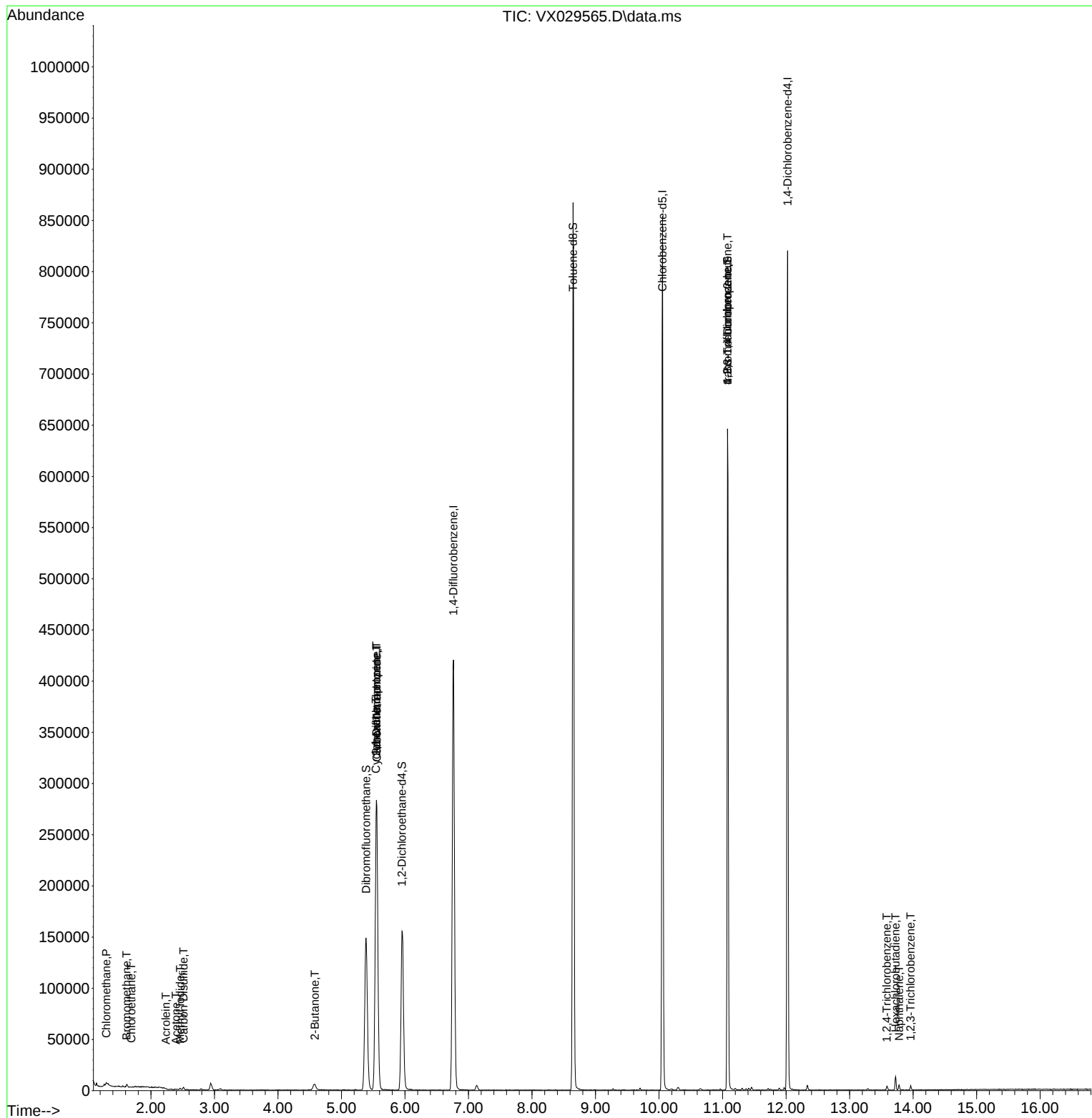
Internal Standards						
1) Pentafluorobenzene	5.550	168	272335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152317	42.252	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.500%
35) Dibromofluoromethane	5.385	113	132729	44.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.800%
50) Toluene-d8	8.647	98	513447	47.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	185974	45.662	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.320%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1400	0.394	ug/l	88
5) Bromomethane	1.618	94	1118	0.670	ug/l	95
6) Chloroethane	1.691	64	585	1.515	ug/l #	78
10) Methyl Iodide	2.459	142	1484	3.446	ug/l #	97
11) Tert butyl alcohol	2.941	59	3613	Below Cal	#	72
13) Acrolein	2.233	56	74	0.373	ug/l #	15
16) Acetone	2.392	43	828	0.576	ug/l	91
17) Carbon Disulfide	2.514	76	2947	0.412	ug/l	98
25) 2-Butanone	4.580	43	539	0.237	ug/l #	44
31) Cyclohexane	5.544	56	5314	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20259	5.063	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27946	7.102	ug/l #	16
44) Trichloroethene	7.135	130	2091	Below Cal		85
76) 1,2,3-Trichloropropane	11.079	75	90484	24.117	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	90484	80.231	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.585	180	1225	0.364	ug/l	90
94) Hexachlorobutadiene	13.725	225	1788	1.298	ug/l	95
95) Naphthalene	13.780	128	3717	0.308	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1299	0.385	ug/l	93

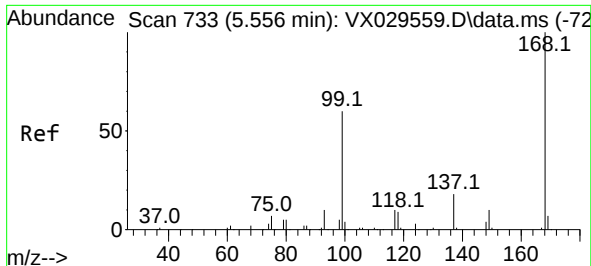
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

Quant Time: Jun 20 01:32:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

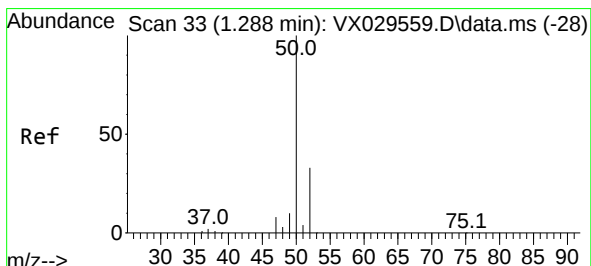
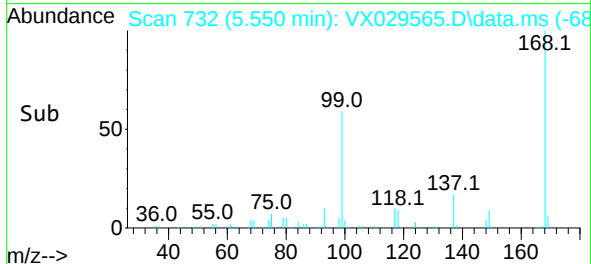
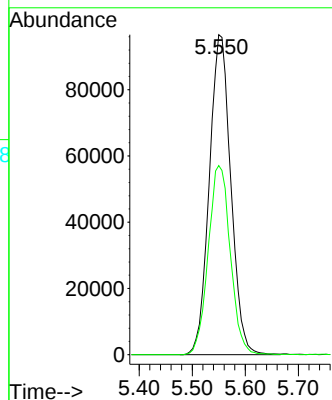
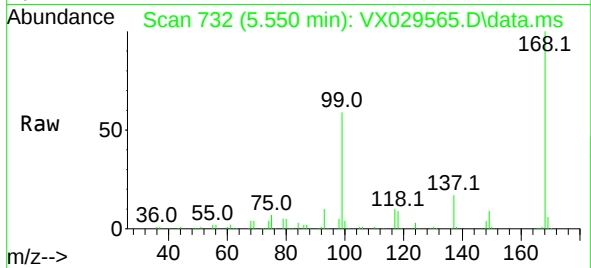




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

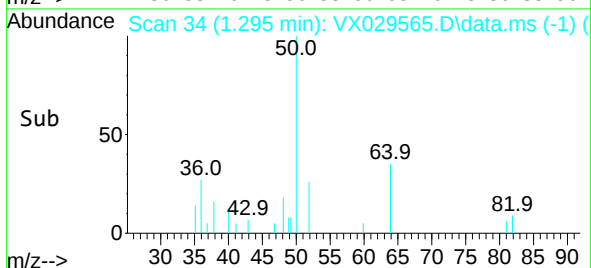
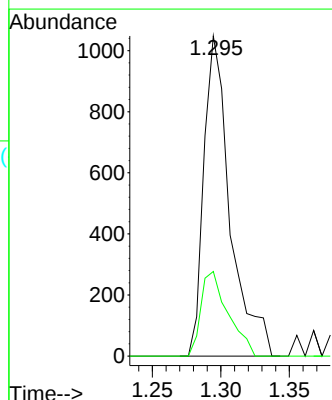
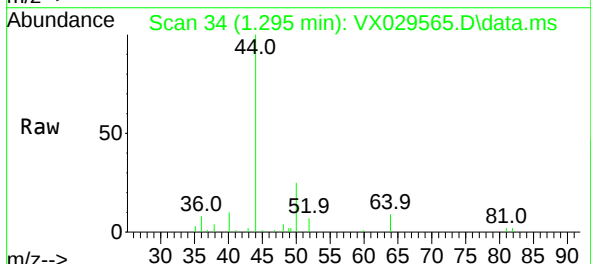
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

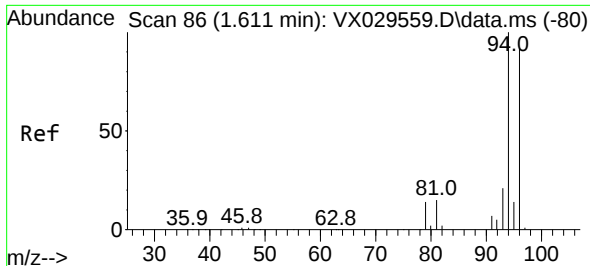
Tgt Ion:168 Resp: 272335
Ion Ratio Lower Upper
168 100
99 59.1 41.7 62.5



#3
Chloromethane
Concen: 0.394 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion: 50 Resp: 1400
Ion Ratio Lower Upper
50 100
52 26.4 26.4 39.6

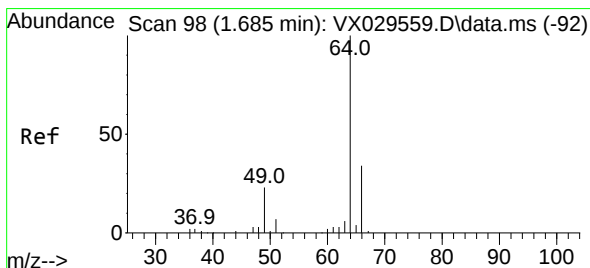
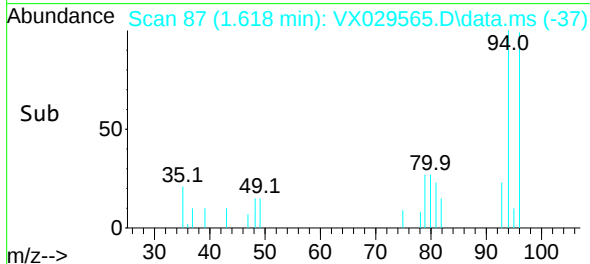
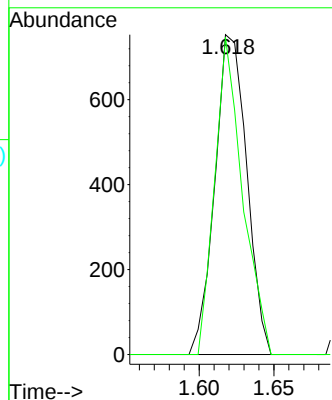
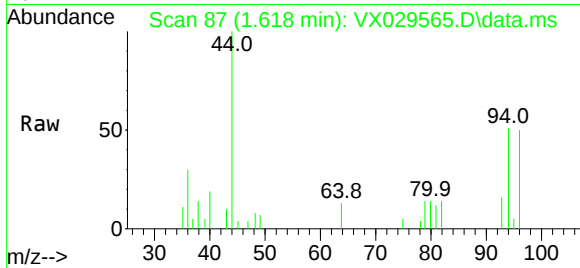




#5
Bromomethane
Concen: 0.670 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

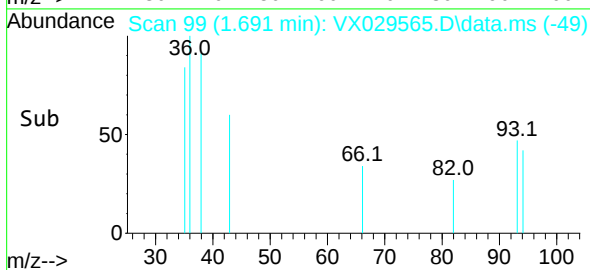
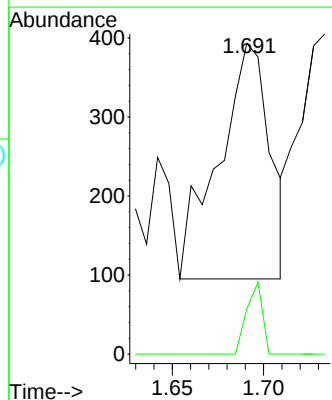
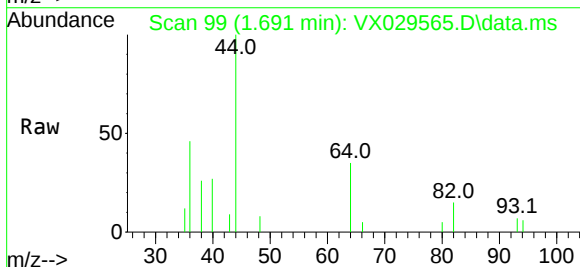
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

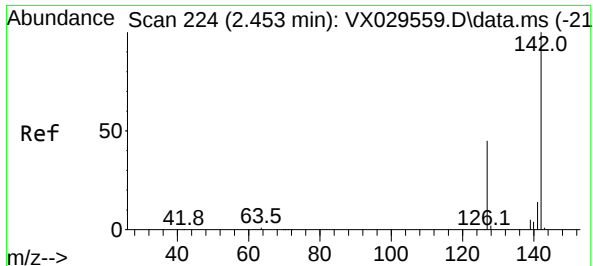
Tgt Ion: 94 Resp: 1118
Ion Ratio Lower Upper
94 100
96 99.2 75.3 112.9



#6
Chloroethane
Concen: 1.515 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

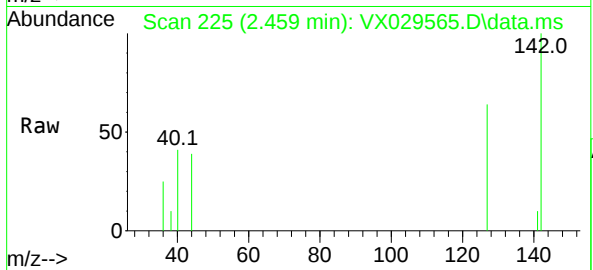
Tgt Ion: 64 Resp: 585
Ion Ratio Lower Upper
64 100
66 19.1 25.3 37.9#



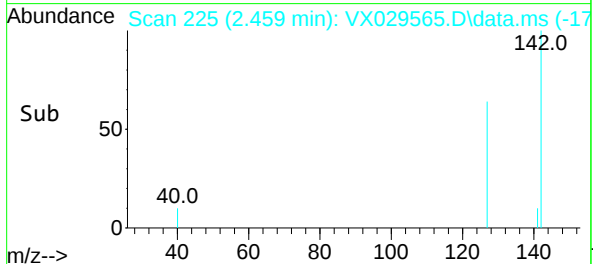
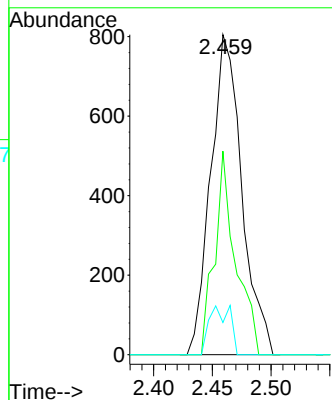


#10
Methyl Iodide
Concen: 3.446 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

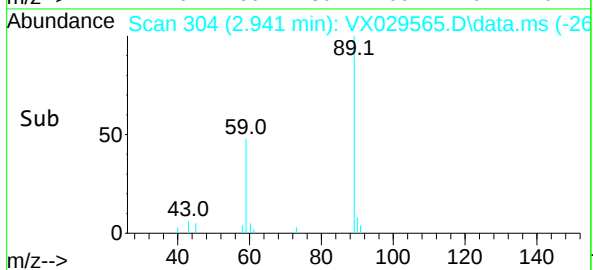
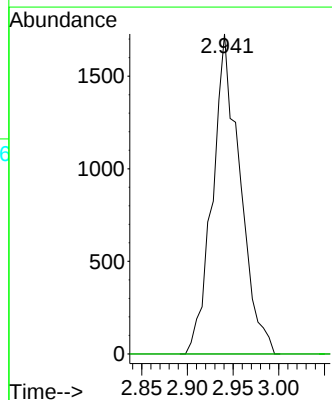
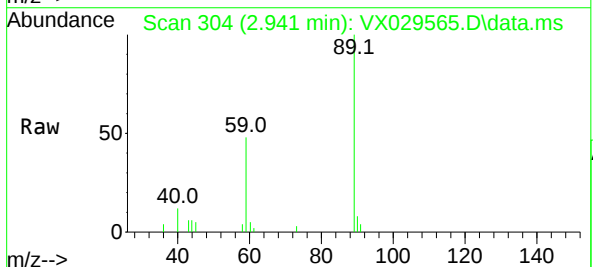


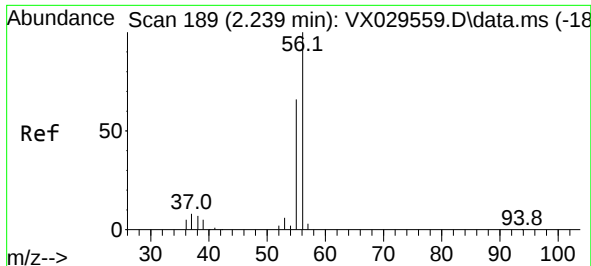
Tgt Ion:142 Resp: 1484
Ion Ratio Lower Upper
142 100
127 42.8 33.9 50.9
141 10.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion: 59 Resp: 3613
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

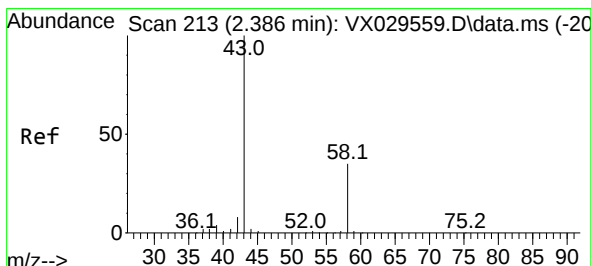
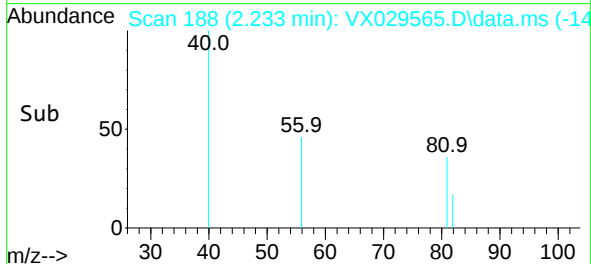
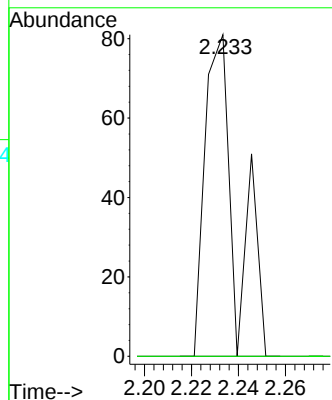
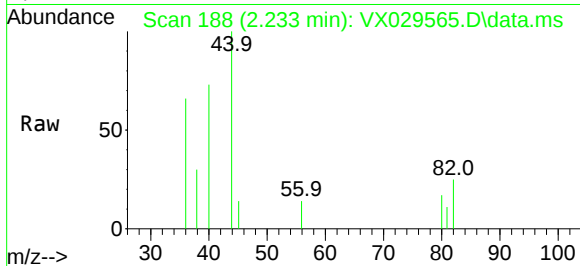




#13
Acrolein
Concen: 0.373 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

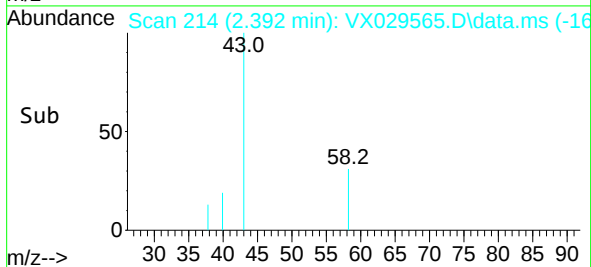
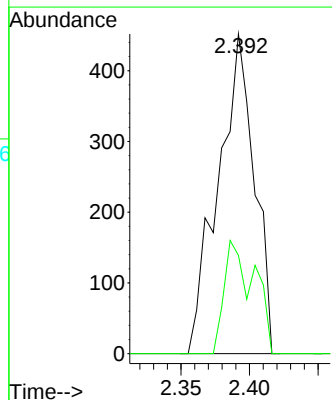
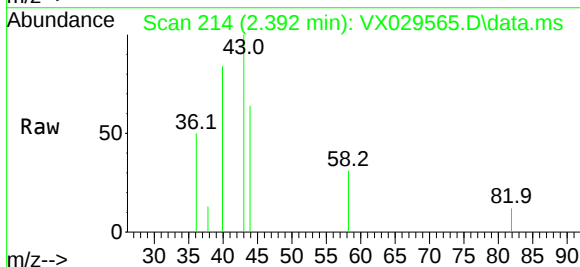
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

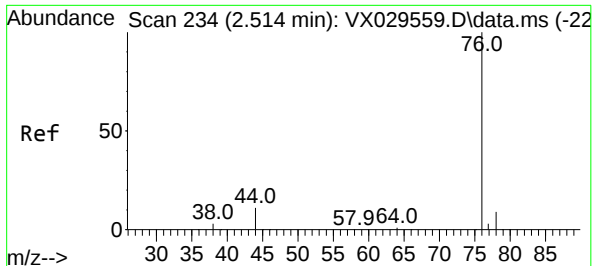
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 0.576 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2

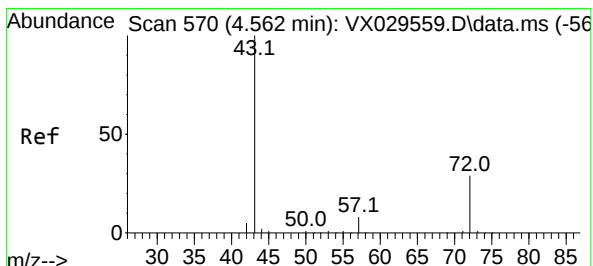
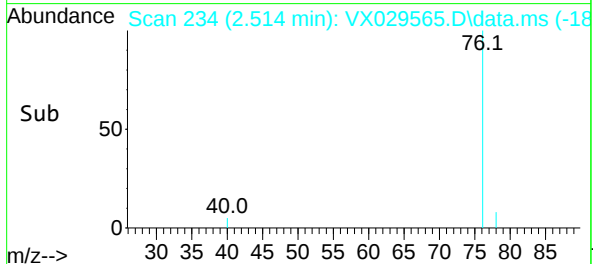
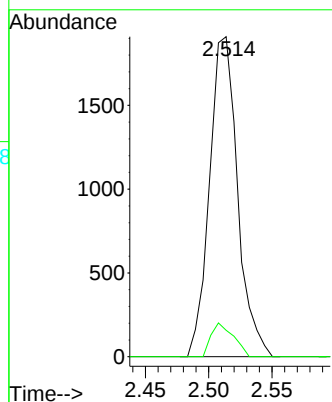
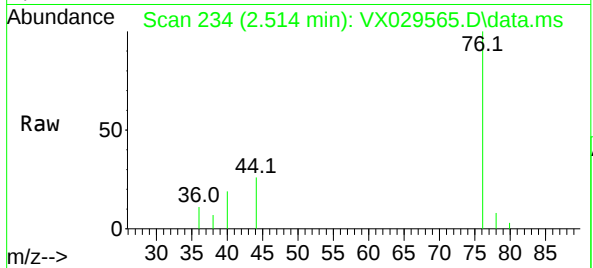




#17
Carbon Disulfide
Concen: 0.412 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

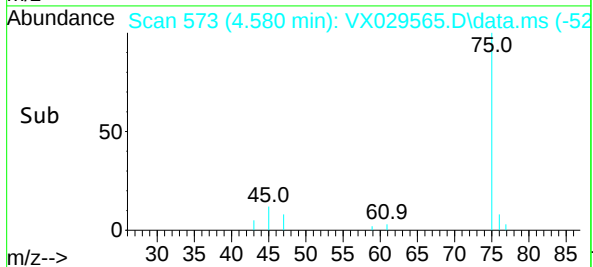
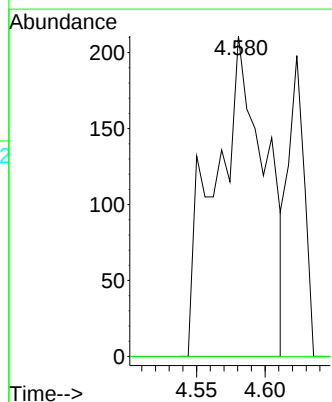
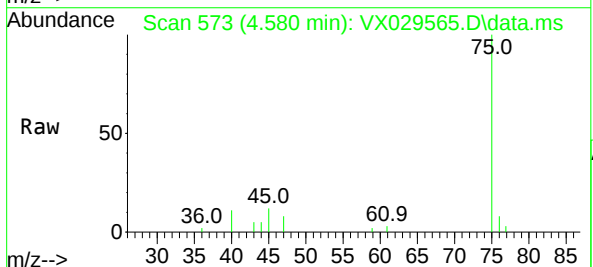
Instrument :
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ClientSampleId :
VX0618WBL01

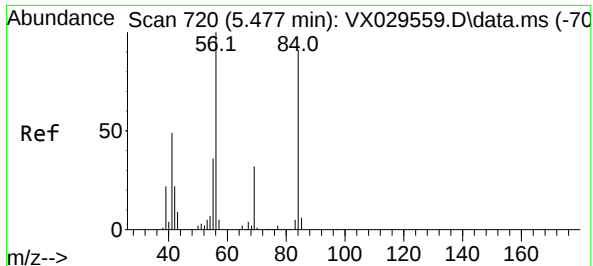
Tgt Ion: 76 Resp: 2947
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



#25
2-Butanone
Concen: 0.237 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

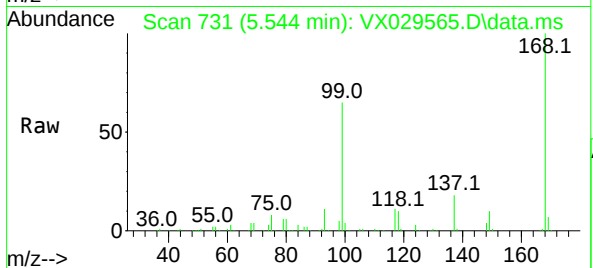
Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



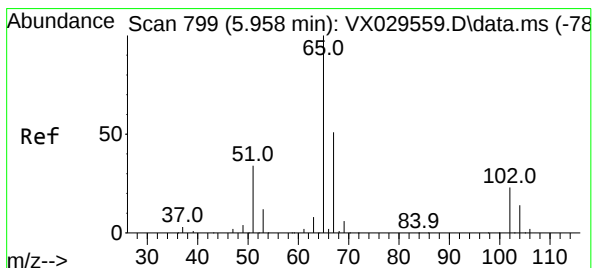
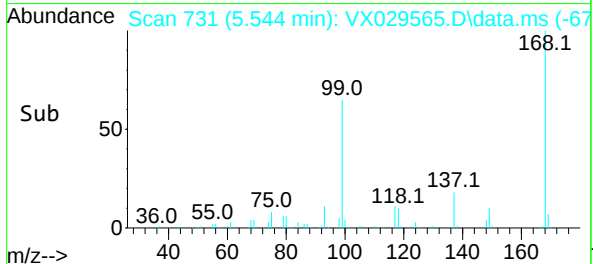
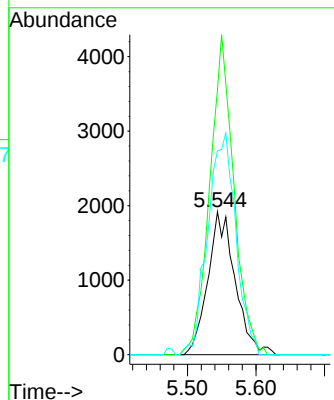


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
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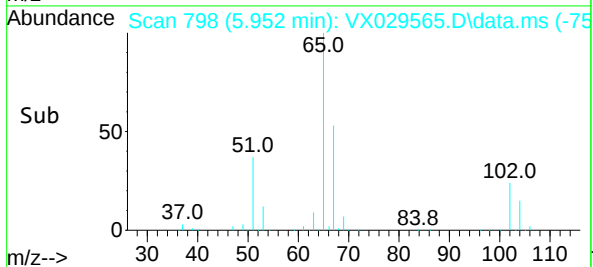
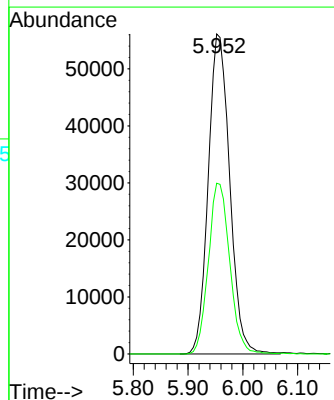
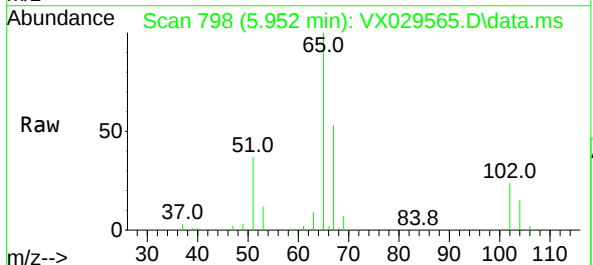


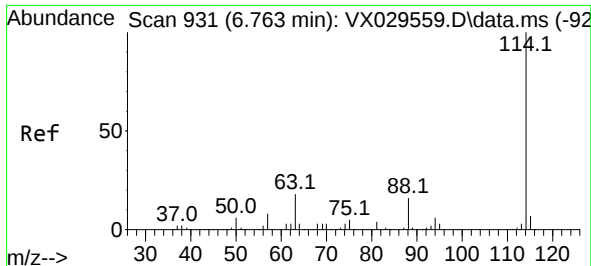
Tgt Ion: 56 Resp: 5314
Ion Ratio Lower Upper
56 100
69 185.5 26.7 40.1#
84 142.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.252 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion: 65 Resp: 152317
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

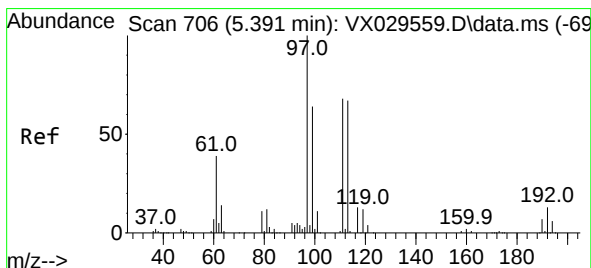
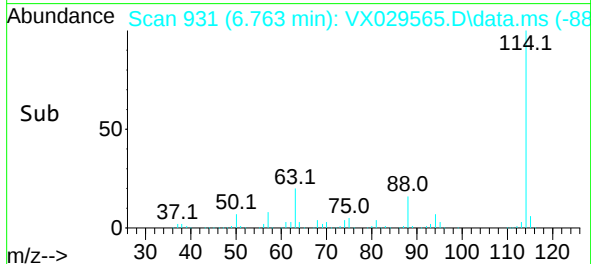
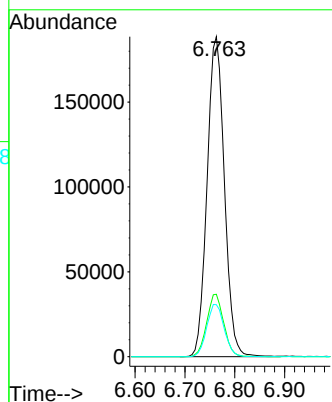
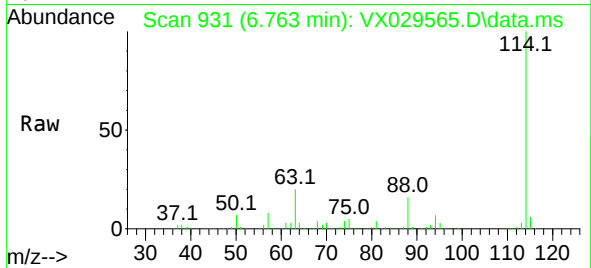




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

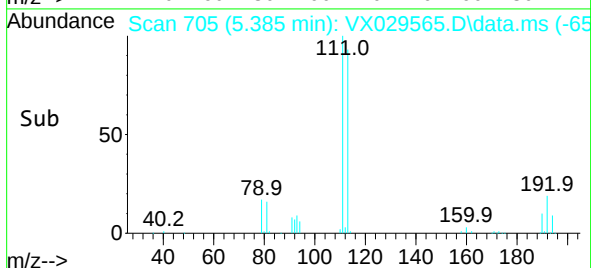
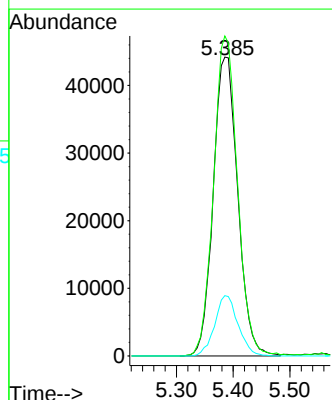
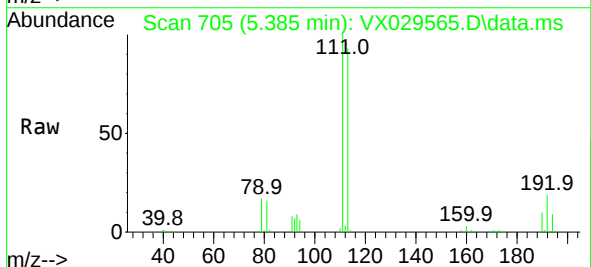
Instrument :
MSVOA_X
ClientSampleId :
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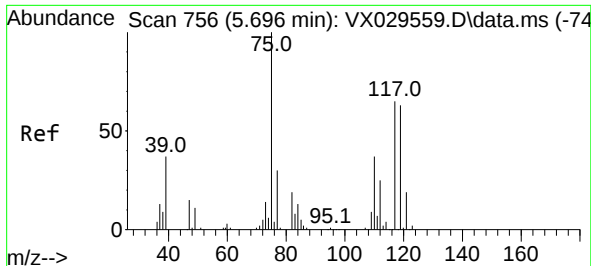
Tgt Ion:114 Resp: 453650
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.896 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion:113 Resp: 132729
Ion Ratio Lower Upper
113 100
111 104.7 82.8 124.2
192 19.2 16.9 25.3

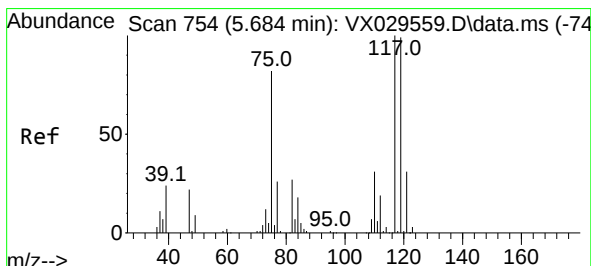
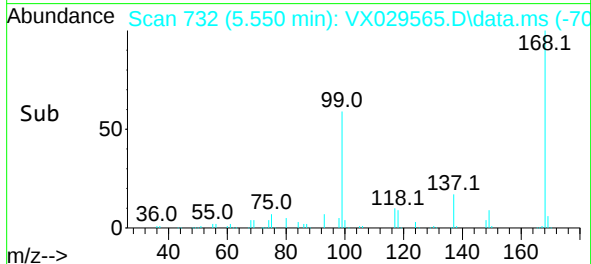
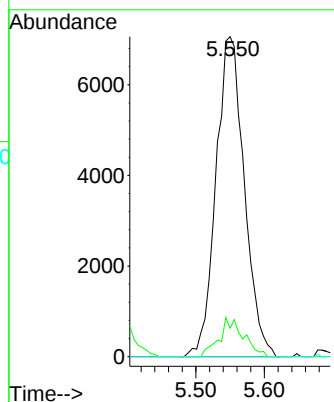
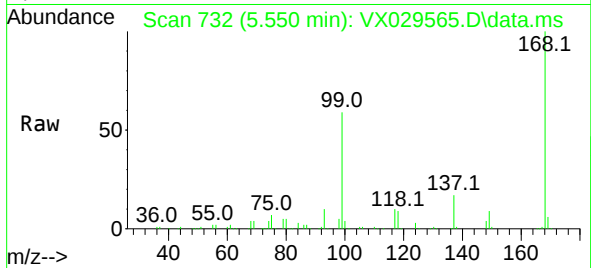




#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

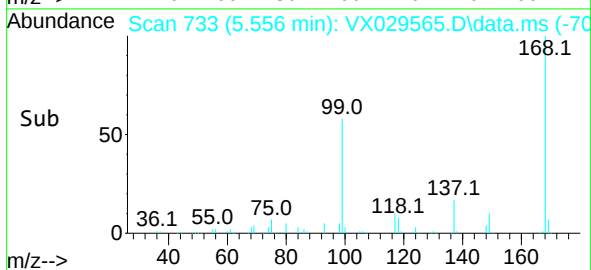
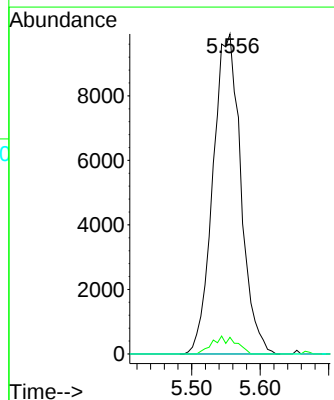
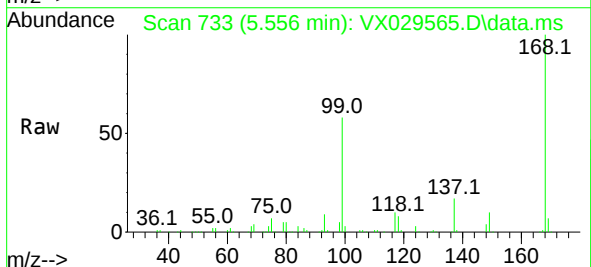
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

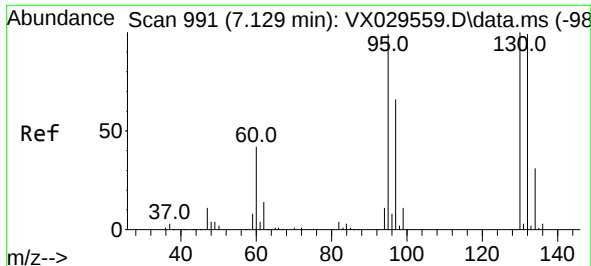
Tgt Ion: 75 Resp: 20259
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.102 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion: 117 Resp: 27946
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#

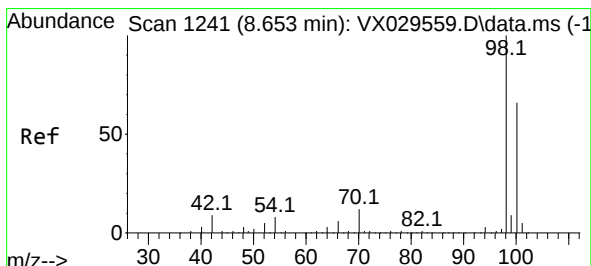
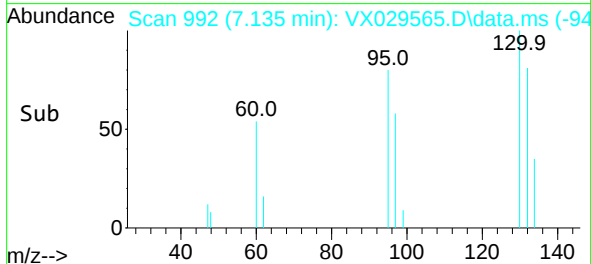
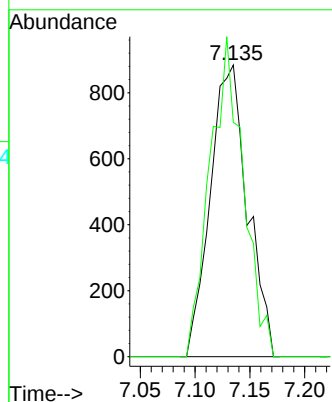
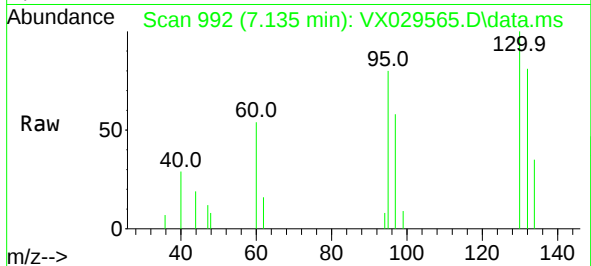




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

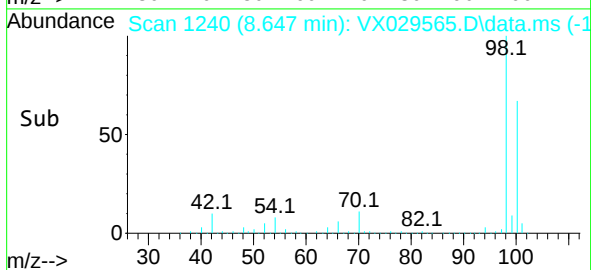
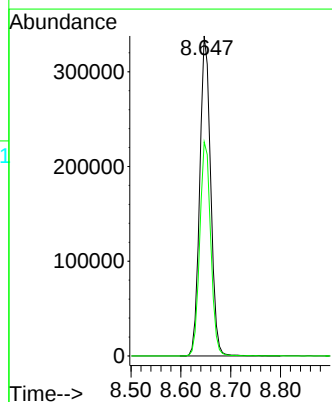
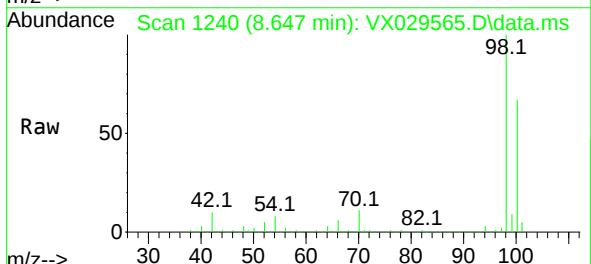
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

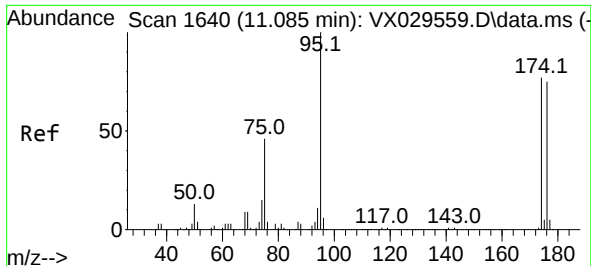
Tgt Ion:130 Resp: 2091
Ion Ratio Lower Upper
130 100
95 80.3 0.0 188.8



#50
Toluene-d8
Concen: 47.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion: 98 Resp: 513447
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

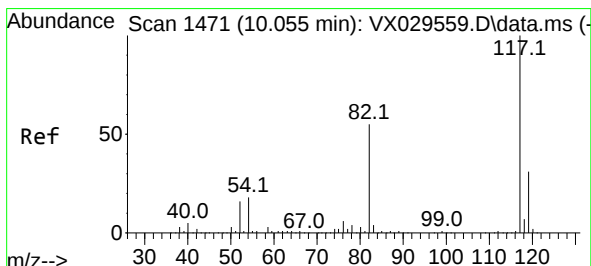
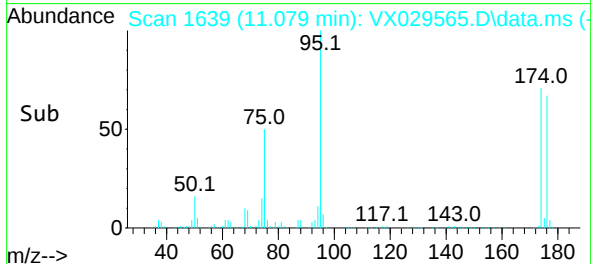
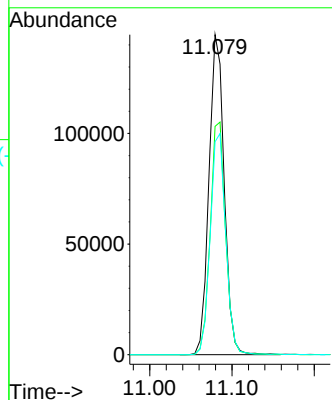
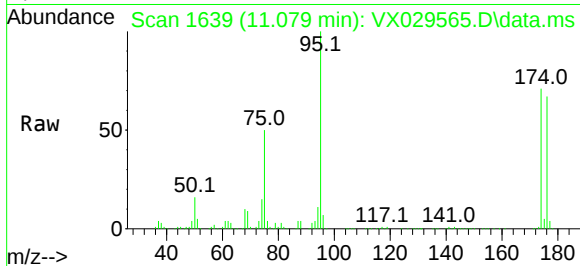




#62
4-Bromofluorobenzene
Concen: 45.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

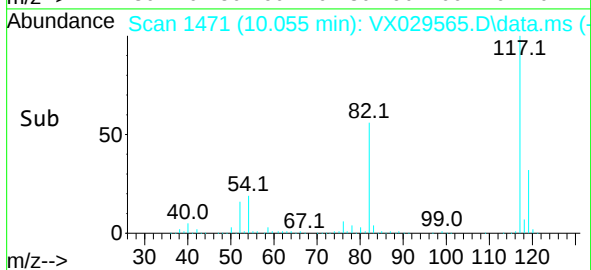
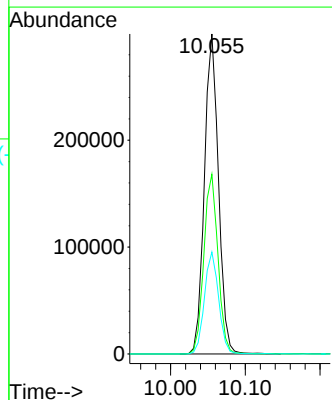
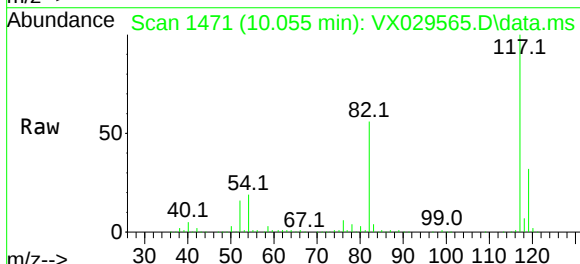
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

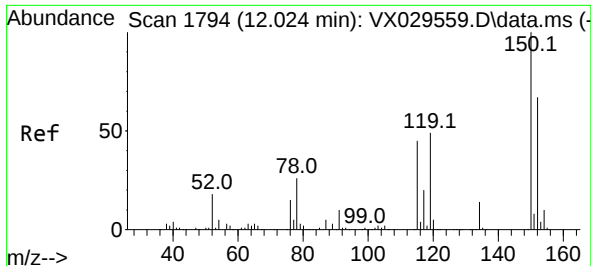
Tgt Ion: 95 Resp: 185974
Ion Ratio Lower Upper
95 100
174 73.0 0.0 163.0
176 70.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion: 117 Resp: 391690
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 31.8 24.8 37.2

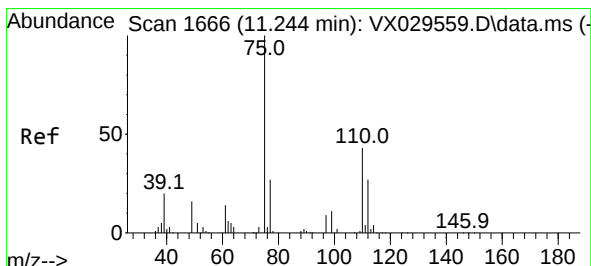
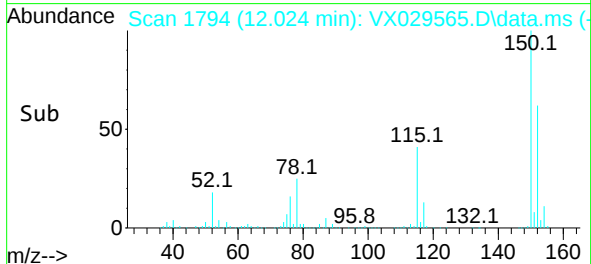
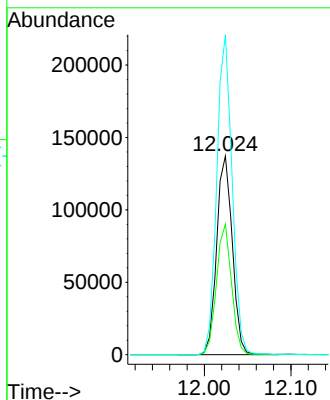
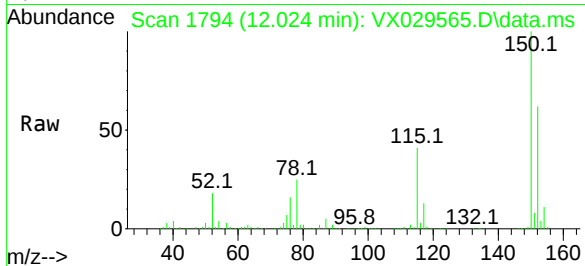




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029565.D
 Acq: 18 Jun 2022 13:21

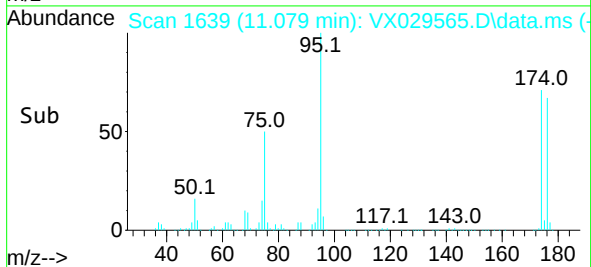
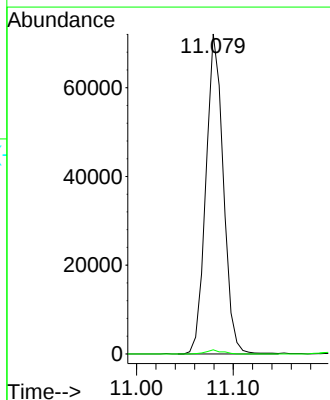
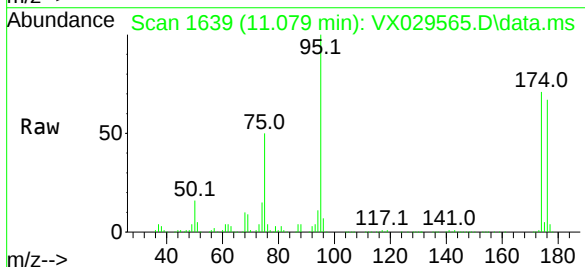
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01

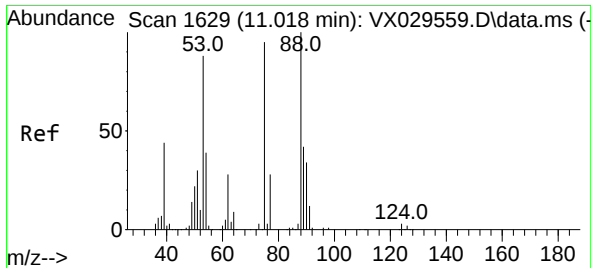
Tgt Ion:152 Resp: 172223
 Ion Ratio Lower Upper
 152 100
 115 63.3 37.5 112.7
 150 157.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.117 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029565.D
 Acq: 18 Jun 2022 13:21

Tgt Ion: 75 Resp: 90484
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

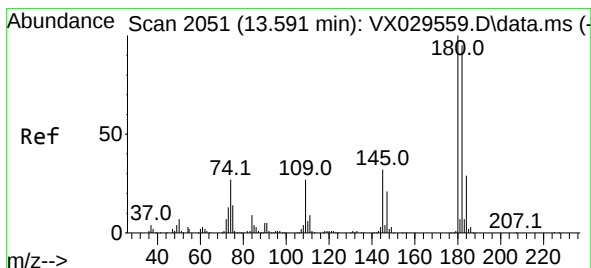
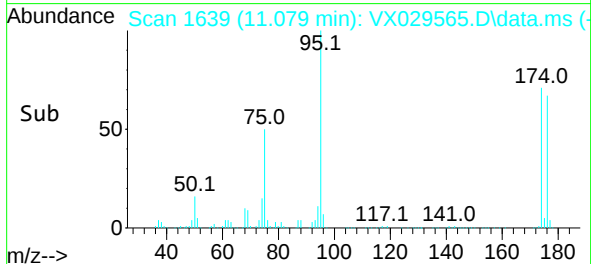
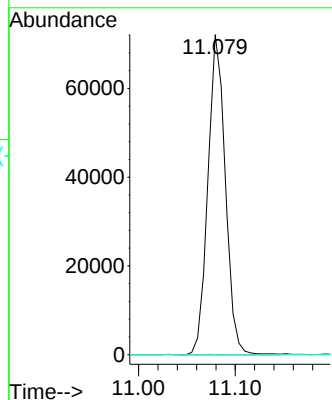
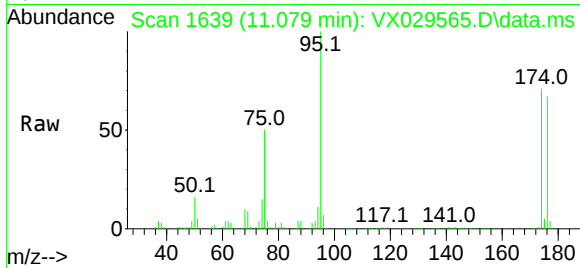




#81
trans-1,4-Dichloro-2-butene
Concen: 80.231 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

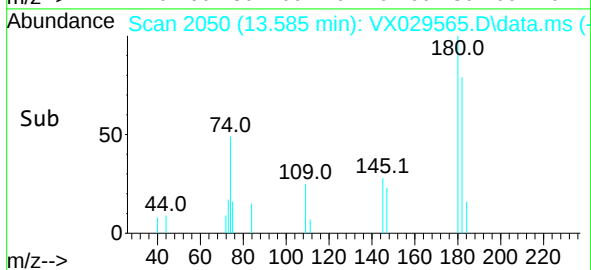
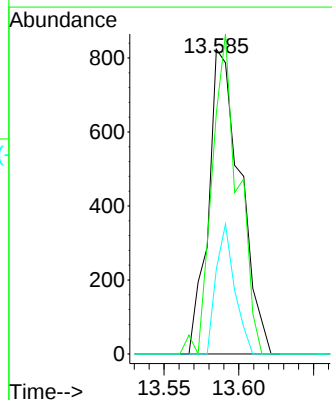
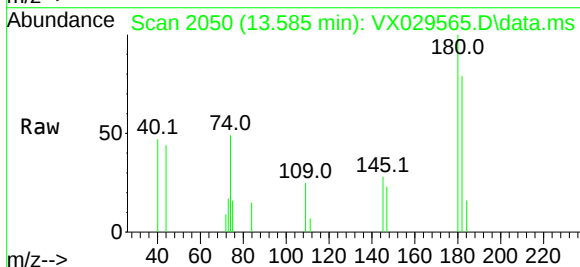
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

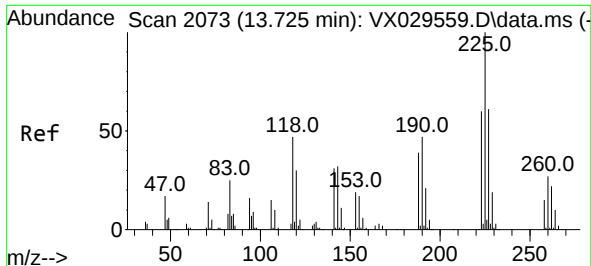
Tgt Ion: 75 Resp: 90484
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.364 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

Tgt Ion:180 Resp: 1225
Ion Ratio Lower Upper
180 100
182 86.2 47.7 143.1
145 24.7 15.2 45.5

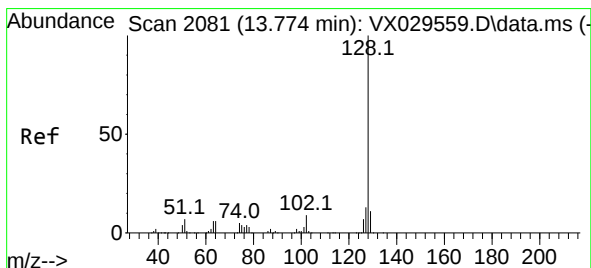
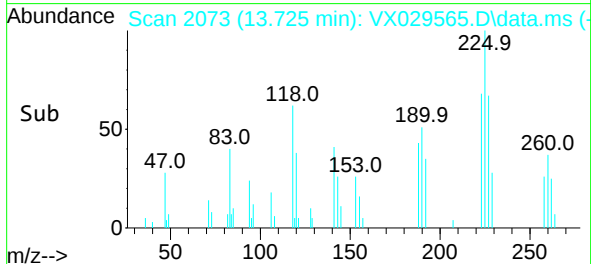
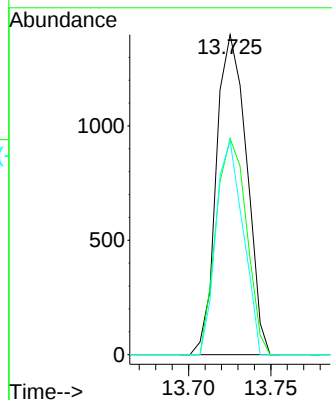
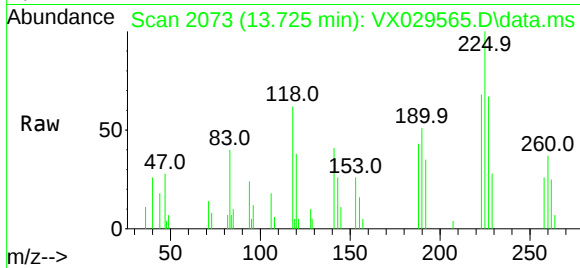




#94
Hexachlorobutadiene
Concen: 1.298 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

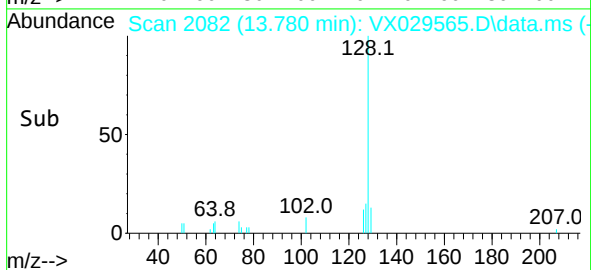
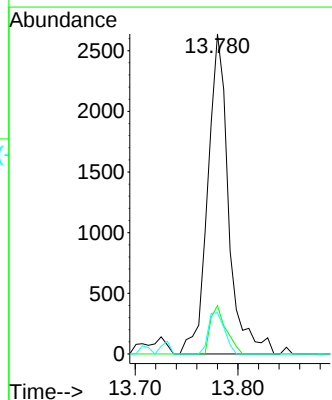
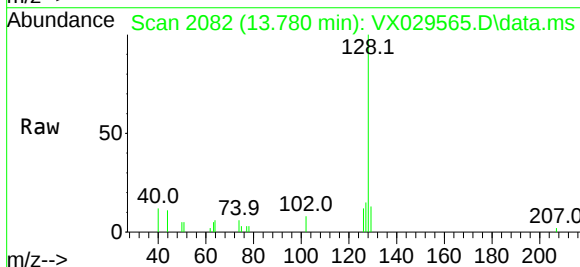
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

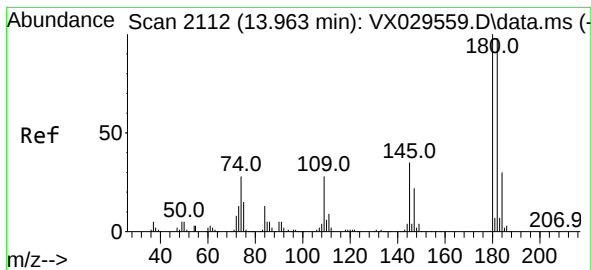
Tgt Ion:225 Resp: 1788
Ion Ratio Lower Upper
225 100
223 68.0 34.2 102.5
227 60.0 33.9 101.7



#95
Naphthalene
Concen: 0.308 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029565.D
Acq: 18 Jun 2022 13:21

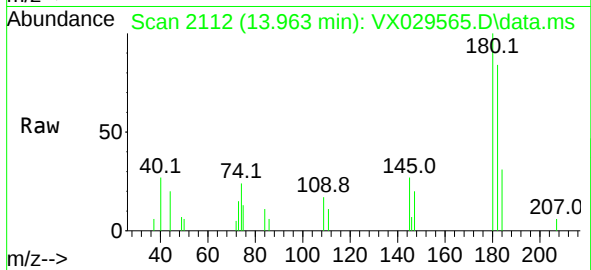
Tgt Ion:128 Resp: 3717
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.4
129 10.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.385 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029565.D
 Acq: 18 Jun 2022 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01



Tgt Ion:	180	Resp:	1299
Ion	Ratio	Lower	Upper
180	100		
182	90.8	50.0	149.8
145	31.6	16.2	48.5

