

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029045.D
 Acq On : 28 May 2022 00:33
 Operator : JC/MD
 Sample : N3022-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33S-20220525

Quant Time: May 28 08:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	342785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	606241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	573755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218190	46.435	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.880%
35) Dibromofluoromethane	5.391	113	196848	49.559	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.120%
50) Toluene-d8	8.653	98	713968	47.677	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.360%
62) 4-Bromofluorobenzene	11.085	95	276279	49.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.780%

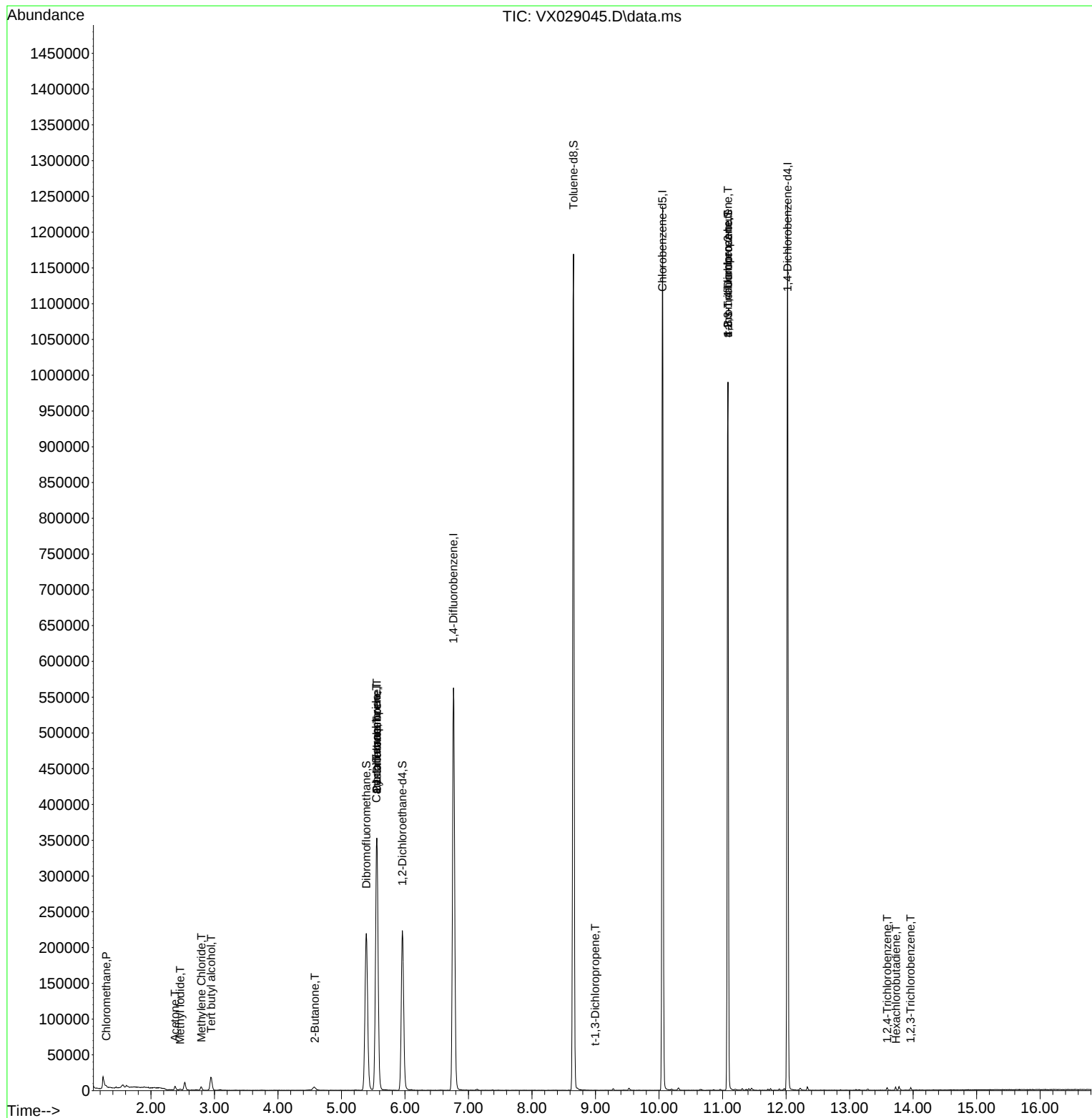
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	1015	0.240	ug/l	93
5) Bromomethane	1.611	94	1597	Below Cal	#	77
6) Chloroethane	1.636	64	864	Below Cal	#	43
10) Methyl Iodide	2.459	142	1762	0.385	ug/l	95
11) Tert butyl alcohol	2.946	59	10779	2.924	ug/l	# 75
16) Acetone	2.379	43	5681	2.817	ug/l	# 88
20) Methylene Chloride	2.794	84	2207	0.522	ug/l	# 93
25) 2-Butanone	4.580	43	743	0.235	ug/l	96
31) Cyclohexane	5.556	56	6471	0.992	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	25008	4.192	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	35076	5.842	ug/l	# 15
53) t-1,3-Dichloropropene	8.994	75	209	1.670	ug/l	# 43
76) 1,2,3-Trichloropropane	11.085	75	132846	22.059	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	132846	64.583	ug/l	# 15
93) 1,2,4-Trichlorobenzene	13.591	180	1091	0.212	ug/l	95
94) Hexachlorobutadiene	13.731	225	673	0.323	ug/l	91
96) 1,2,3-Trichlorobenzene	13.963	180	1140	0.221	ug/l	86

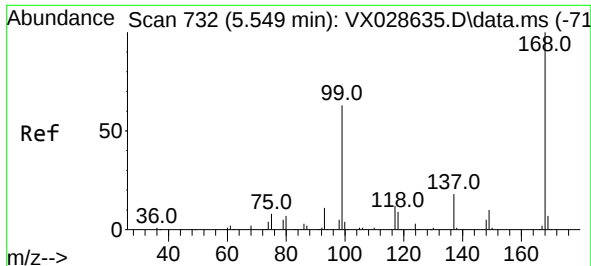
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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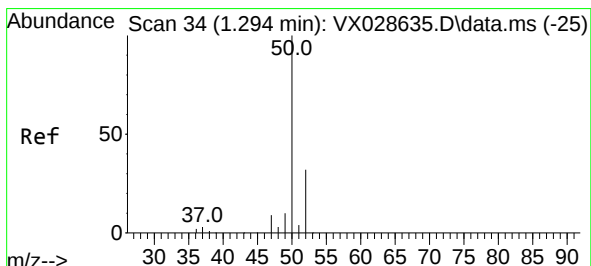
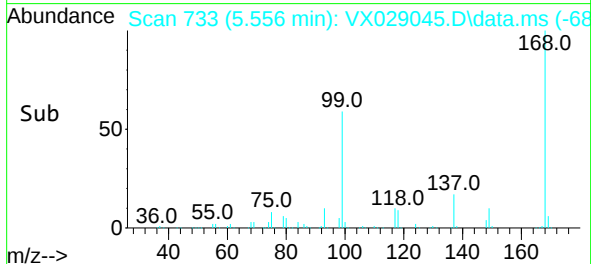
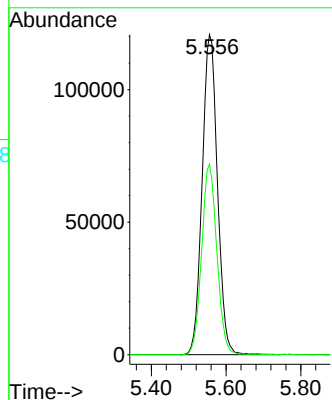
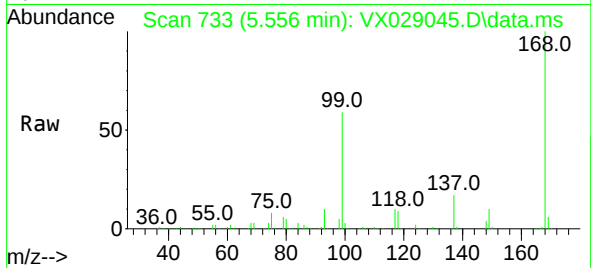




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

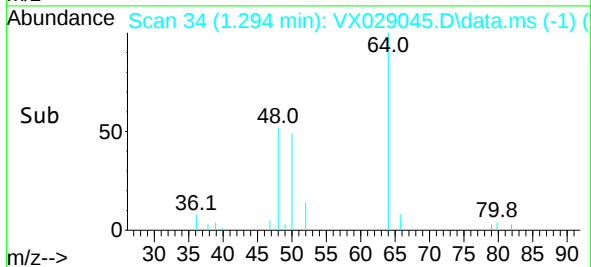
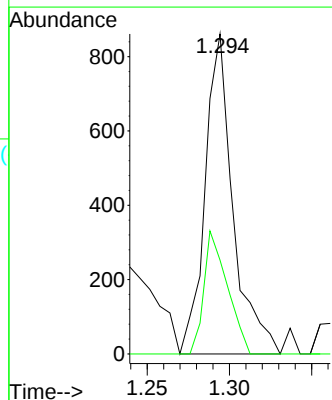
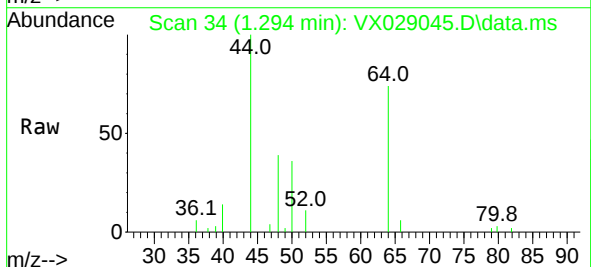
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

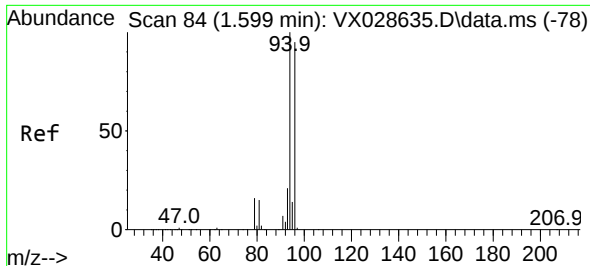
Tgt Ion:168 Resp: 342785
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Tgt Ion: 50 Resp: 1015
Ion Ratio Lower Upper
50 100
52 29.3 26.4 39.6

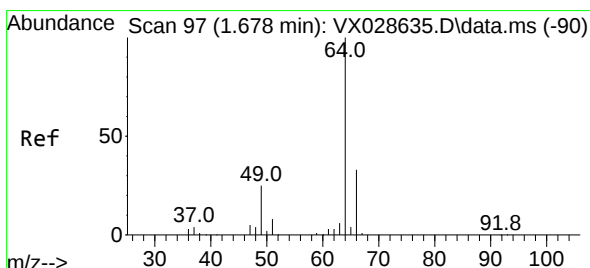
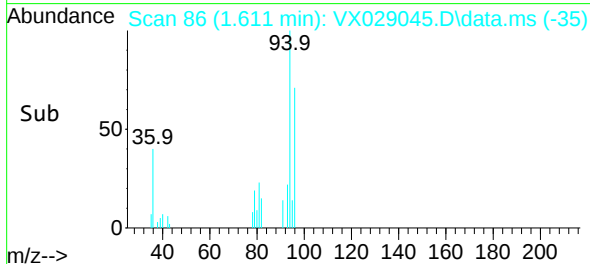
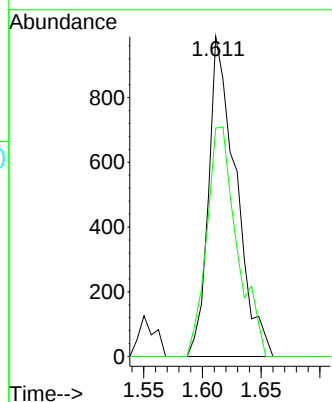
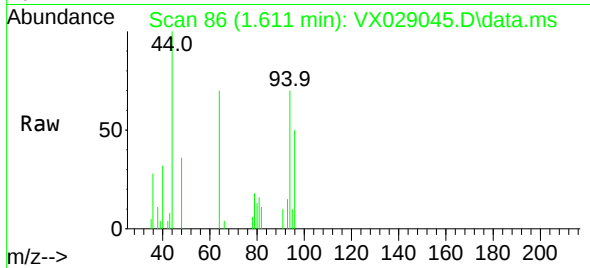




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

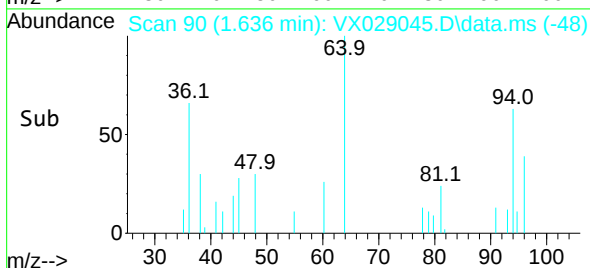
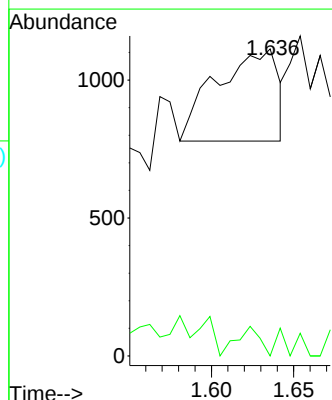
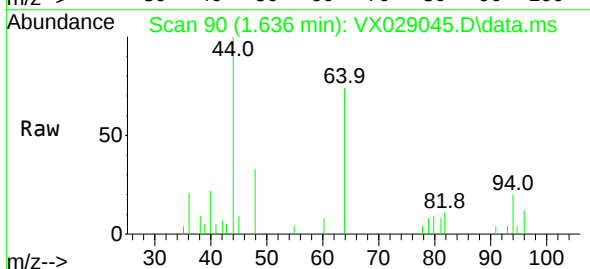
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

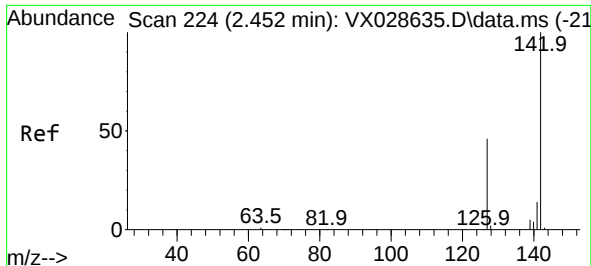
Tgt Ion: 94 Resp: 1597
Ion Ratio Lower Upper
94 100
96 71.5 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. -0.042 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

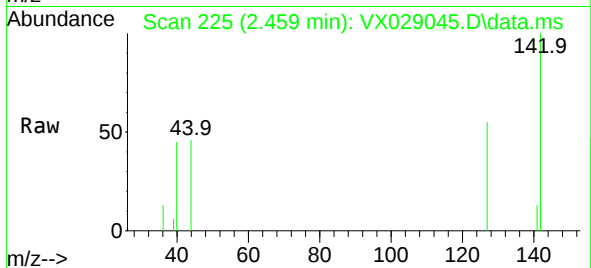
Tgt Ion: 64 Resp: 864
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



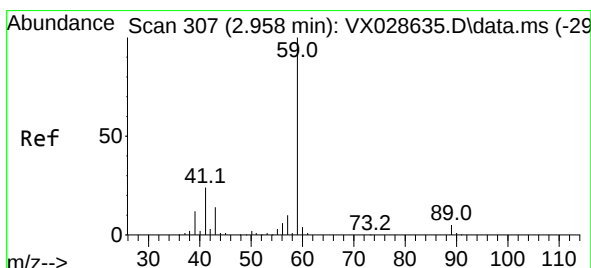
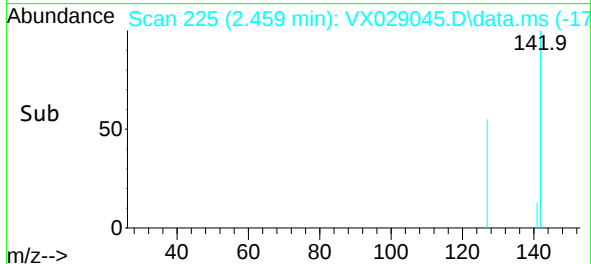
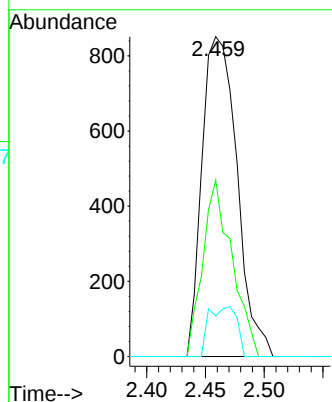


#10
Methyl Iodide
Concen: 0.385 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

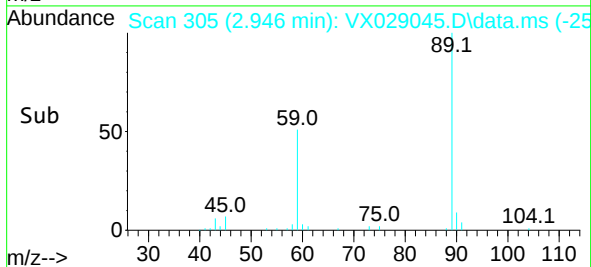
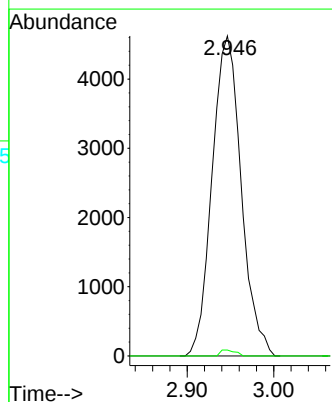
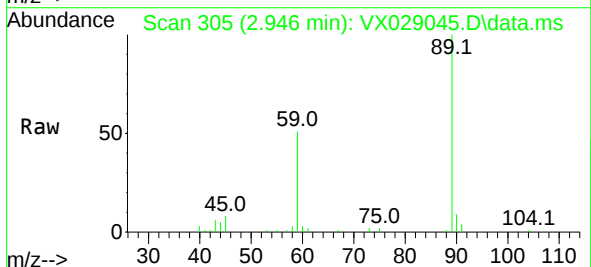


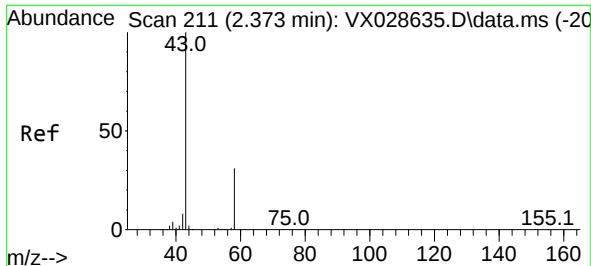
Tgt Ion:142 Resp: 1762
Ion Ratio Lower Upper
142 100
127 46.0 33.9 50.9
141 12.4 11.4 17.2



#11
Tert butyl alcohol
Concen: 2.924 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Tgt Ion: 59 Resp: 10779
Ion Ratio Lower Upper
59 100
57 1.0 8.3 12.5#

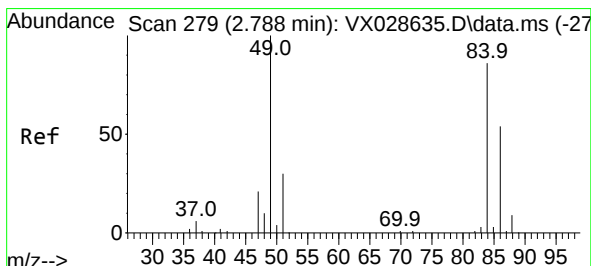
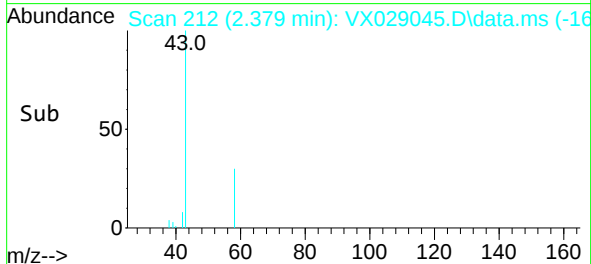
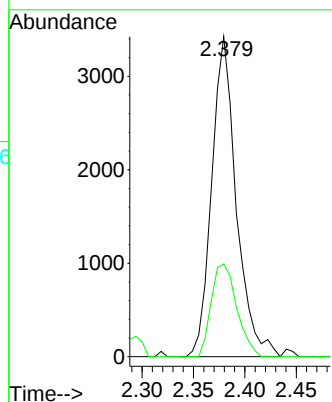
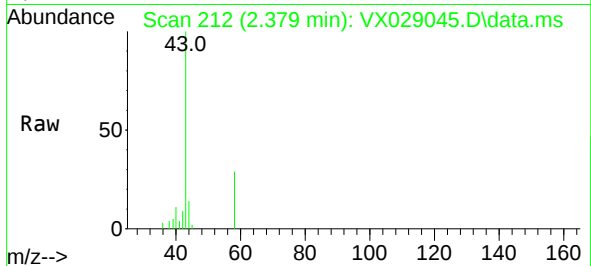




#16
Acetone
Concen: 2.817 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

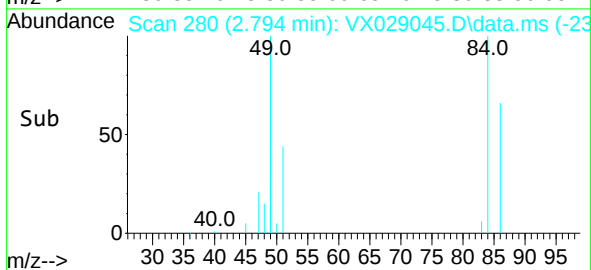
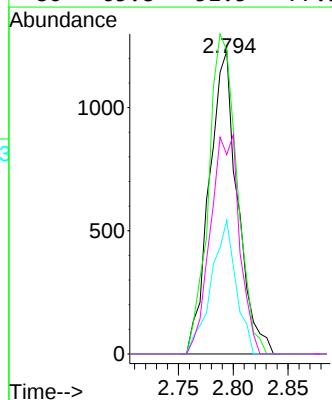
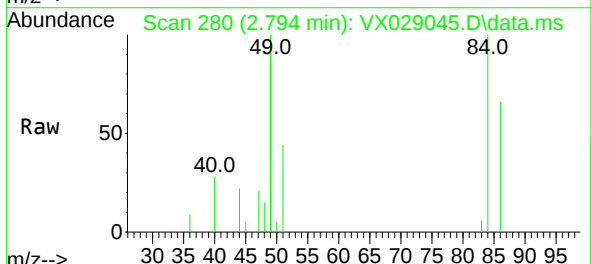
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

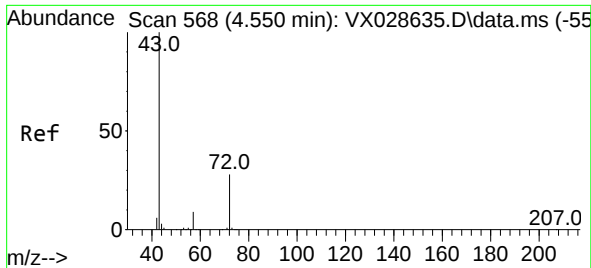
Tgt Ion: 43 Resp: 5681
Ion Ratio Lower Upper
43 100
58 29.0 28.8 43.2



#20
Methylene Chloride
Concen: 0.522 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Tgt Ion: 84 Resp: 2207
Ion Ratio Lower Upper
84 100
49 100.2 85.5 128.3
51 44.1 26.6 39.8#
86 65.8 51.5 77.3

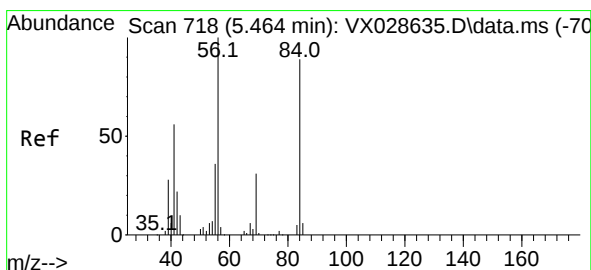
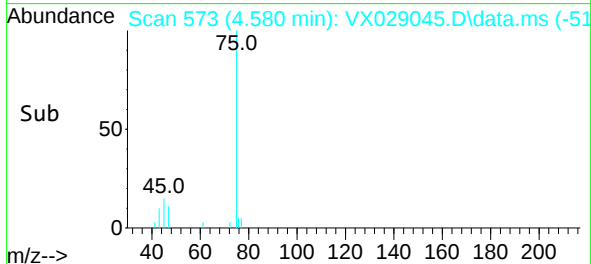
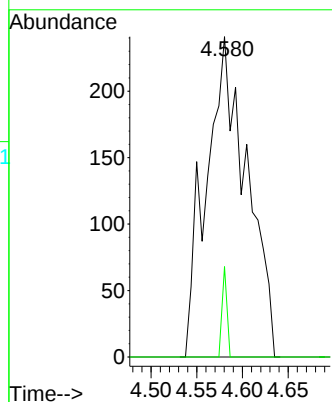
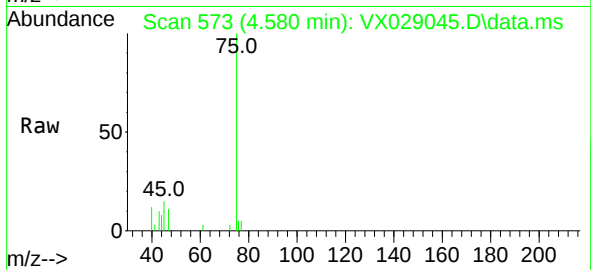




#25
2-Butanone
Concen: 0.235 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

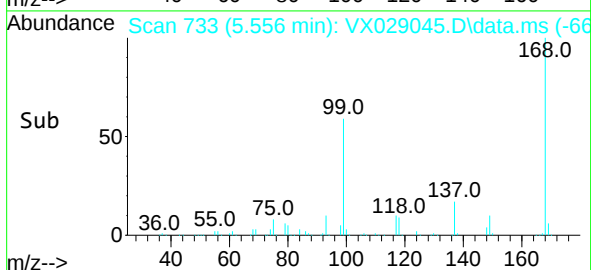
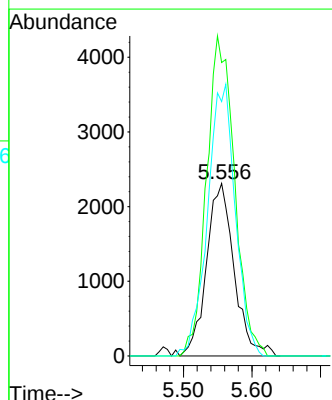
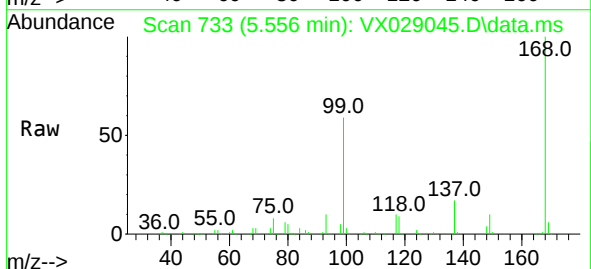
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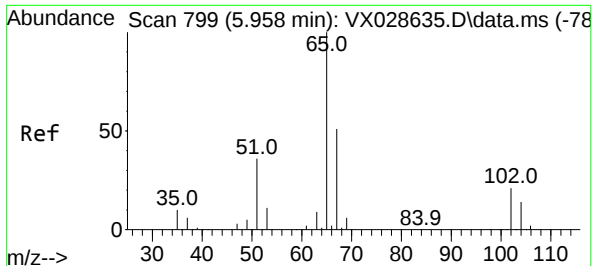
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
72 28.2 24.4 36.6



#31
Cyclohexane
Concen: 0.992 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Tgt Ion: 56 Resp: 6471
Ion Ratio Lower Upper
56 100
69 170.2 26.7 40.1#
84 147.6 77.2 115.8#

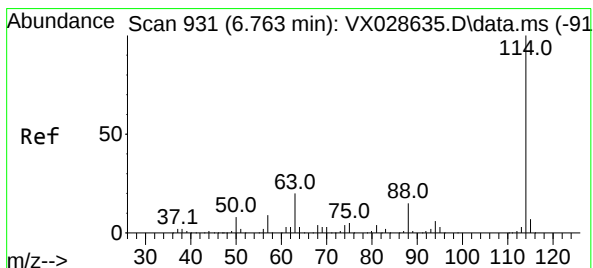
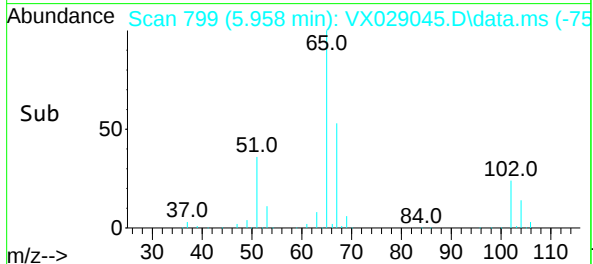
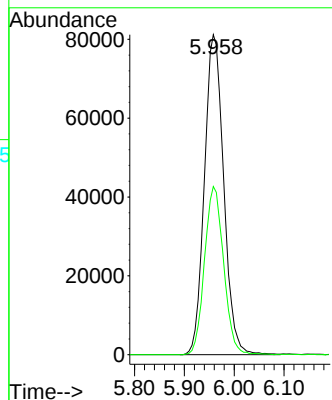
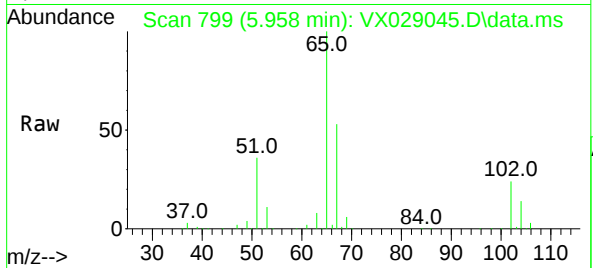




#33
 1,2-Dichloroethane-d4
 Concen: 46.435 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029045.D
 Acq: 28 May 2022 00:33

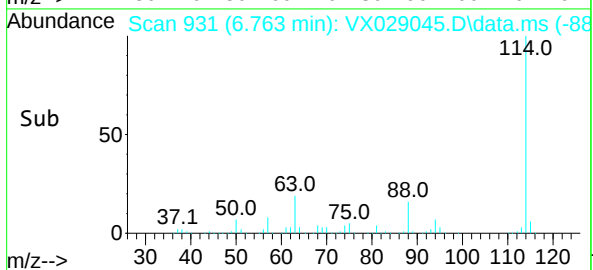
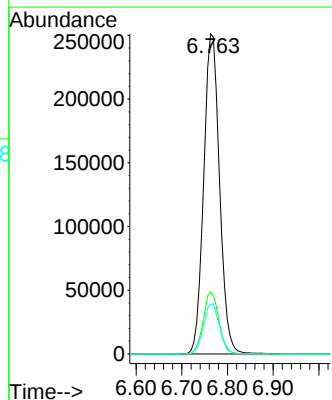
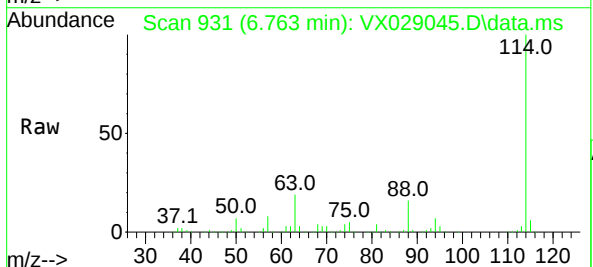
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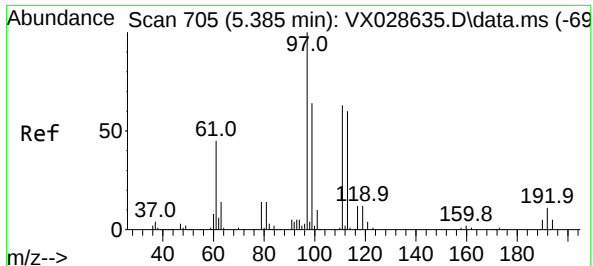
Tgt Ion: 65 Resp: 218190
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029045.D
 Acq: 28 May 2022 00:33

Tgt Ion: 114 Resp: 606241
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.8
 88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.559 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029045.D

Acq: 28 May 2022 00:33

Instrument :

MSVOA_X

ClientSampleId :

33S-20220525

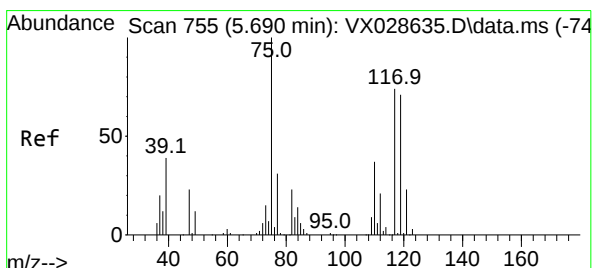
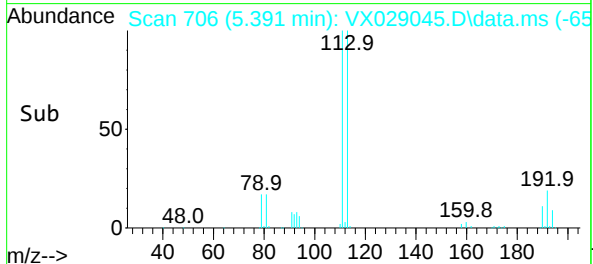
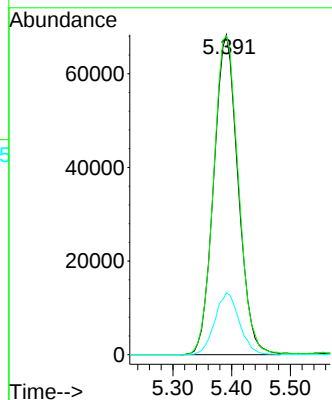
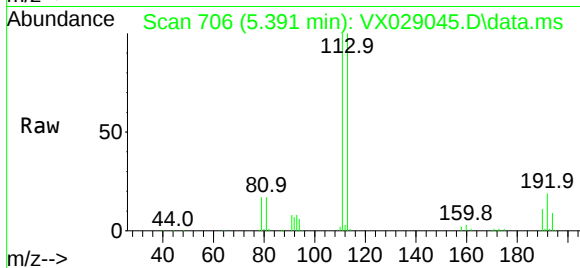
Tgt Ion:113 Resp: 196848

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 19.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.192 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX029045.D

Acq: 28 May 2022 00:33

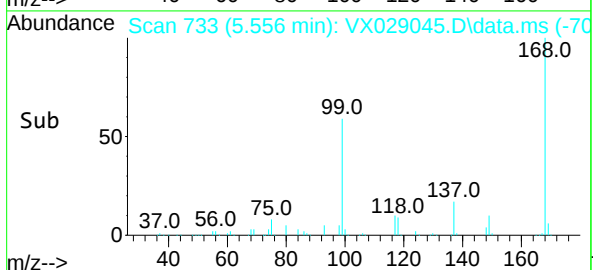
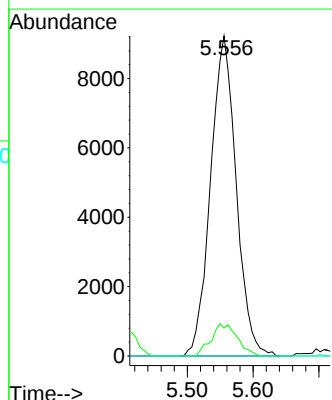
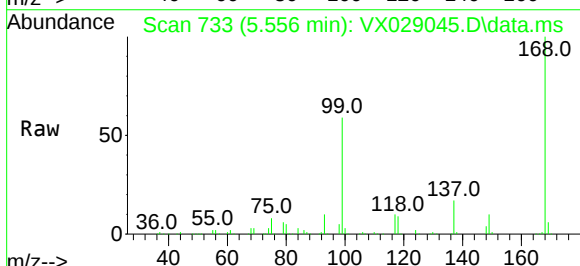
Tgt Ion: 75 Resp: 25008

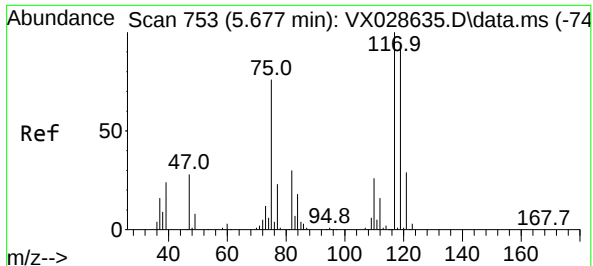
Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

77 0.0 24.8 37.2#

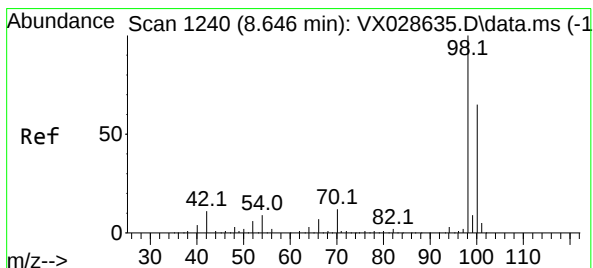
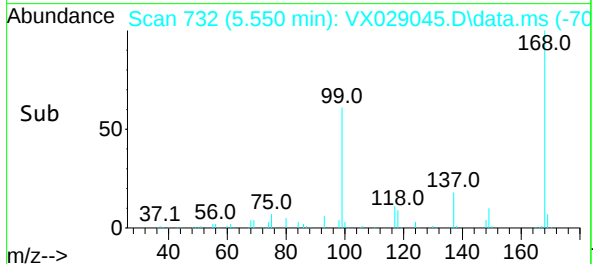
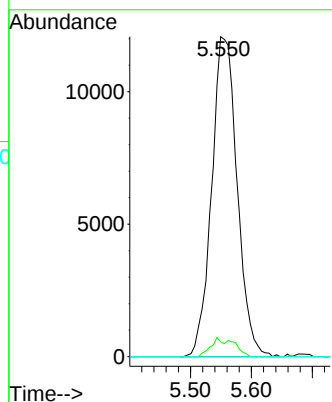
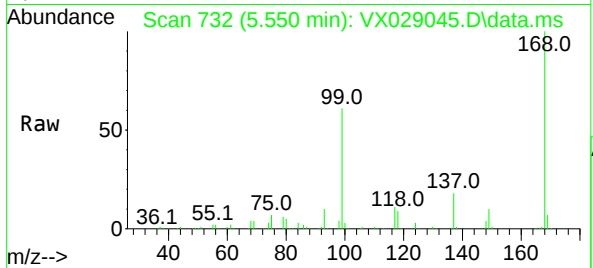




#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

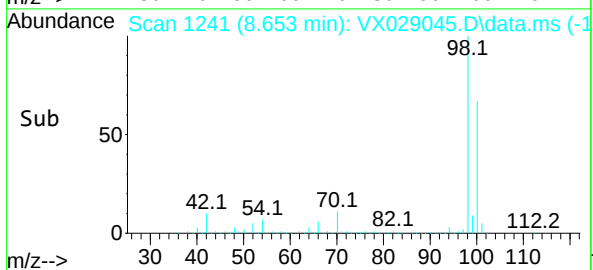
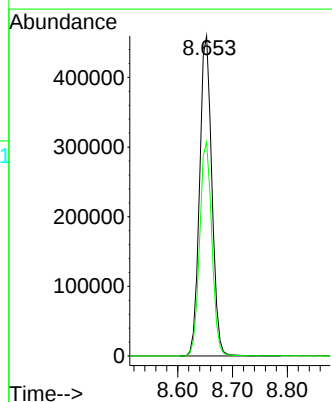
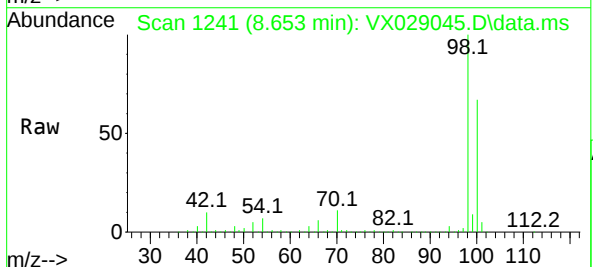
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

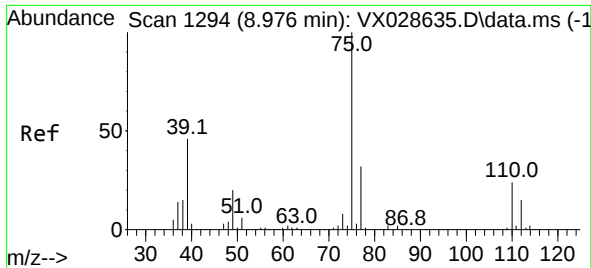
Tgt Ion:117 Resp: 35076
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.677 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Tgt Ion: 98 Resp: 713968
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

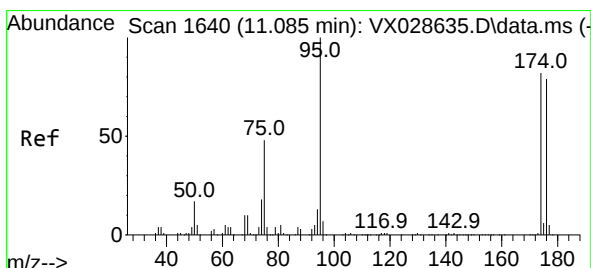
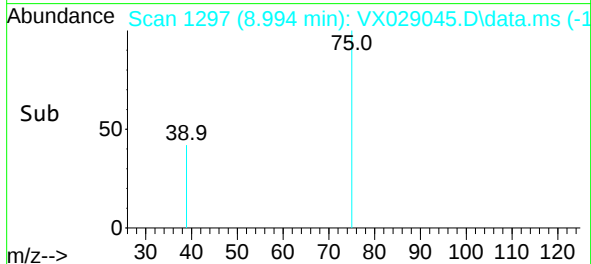
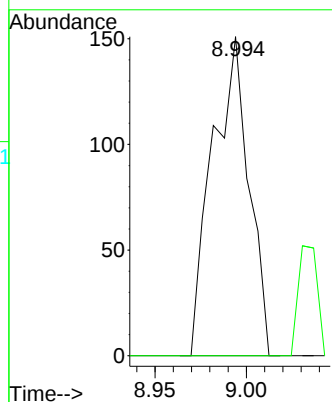
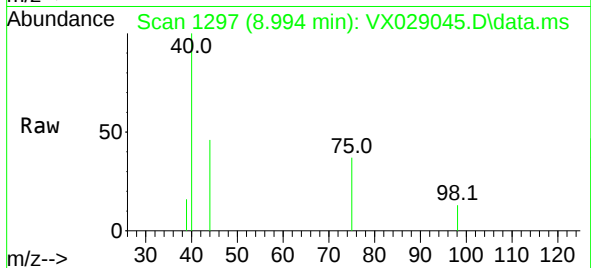




#53
t-1,3-Dichloropropene
Concen: 1.670 ug/l
RT: 8.994 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

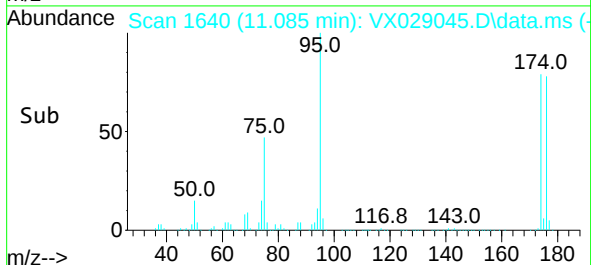
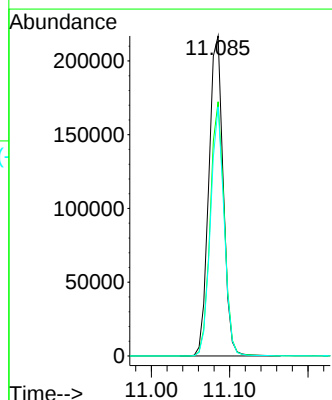
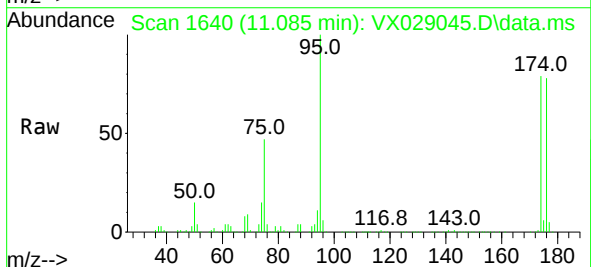
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

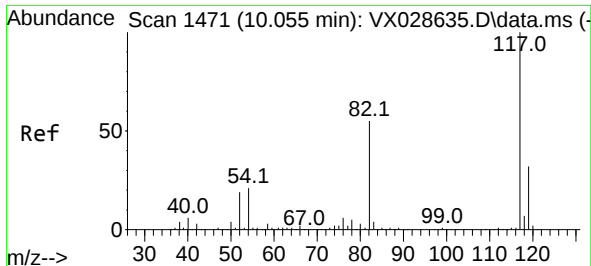
Tgt Ion: 75 Resp: 209
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 49.394 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Tgt Ion: 95 Resp: 276279
Ion Ratio Lower Upper
95 100
174 77.1 0.0 163.0
176 73.6 0.0 155.0

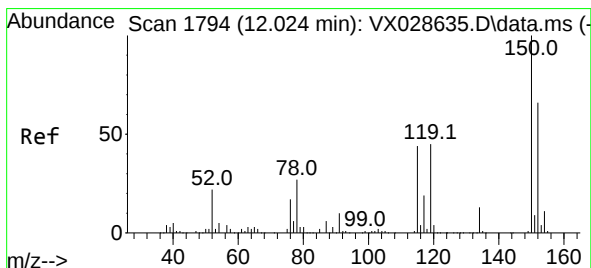
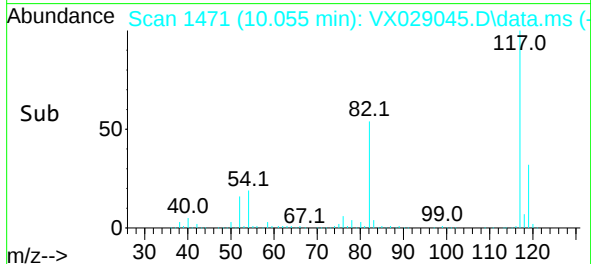
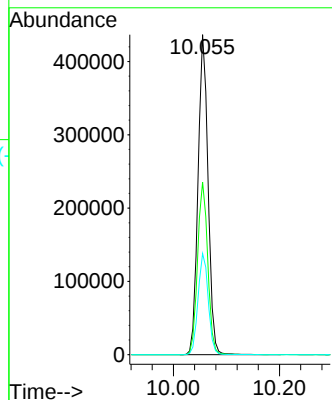
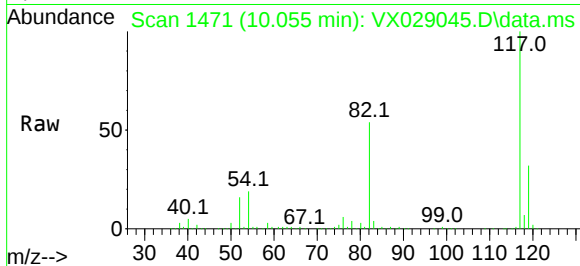




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

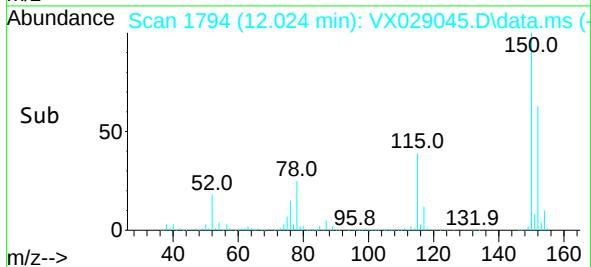
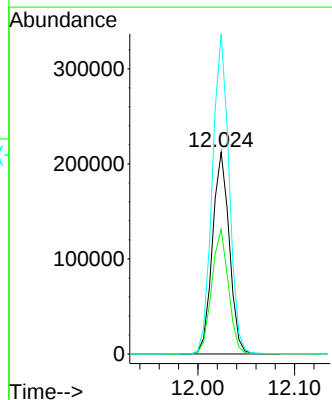
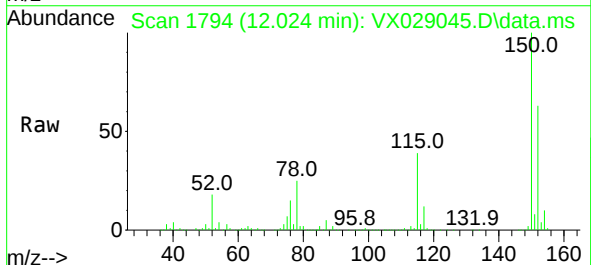
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

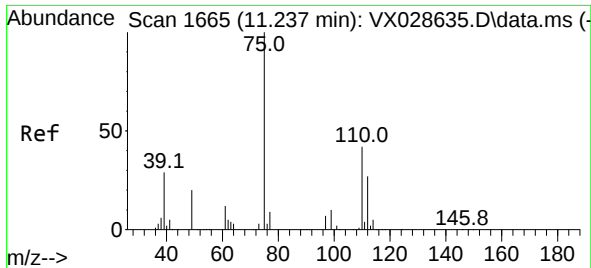
Tgt Ion:117 Resp: 573755
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Tgt Ion:152 Resp: 257159
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 157.7 0.0 338.2

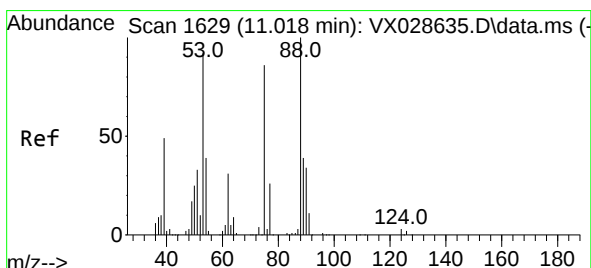
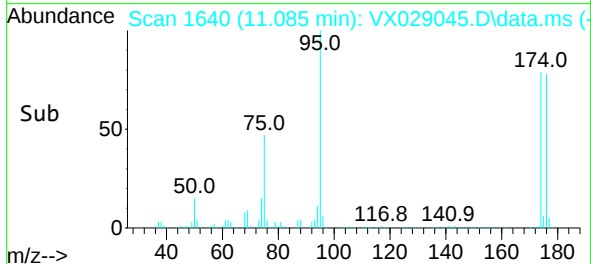
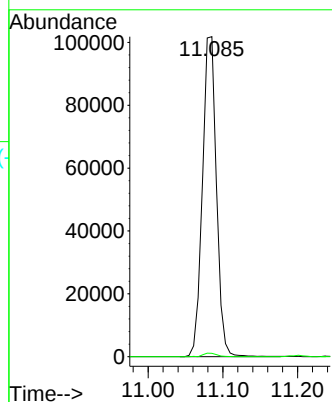
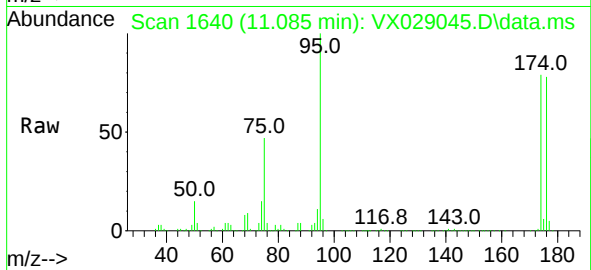




#76
1,2,3-Trichloropropane
Concen: 22.059 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

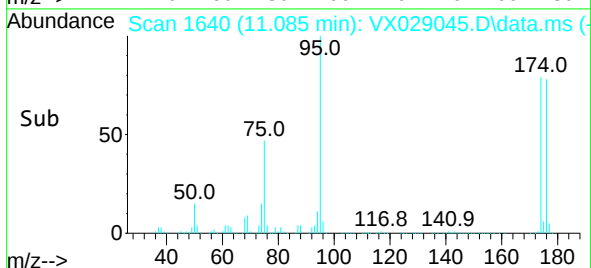
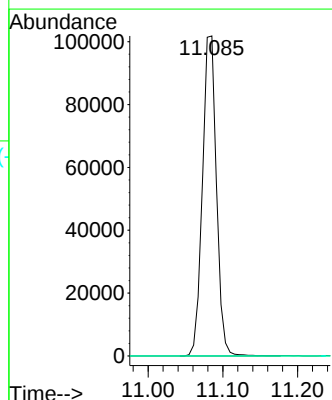
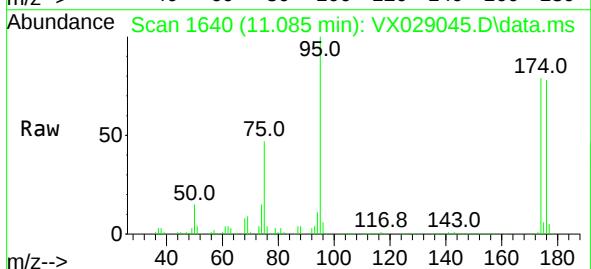
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

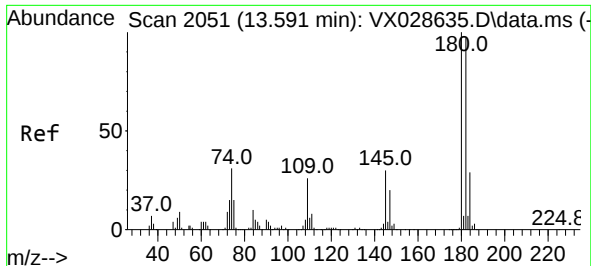
Tgt Ion: 75 Resp: 132846
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.583 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

Tgt Ion: 75 Resp: 132846
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

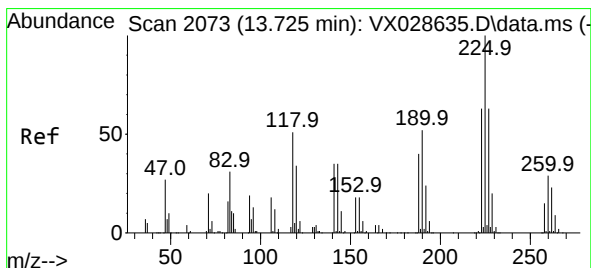
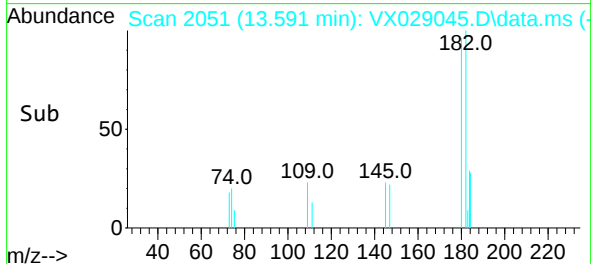
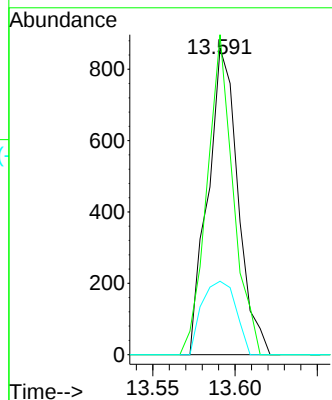
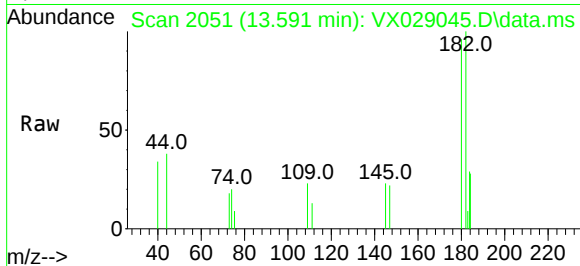




#93
1,2,4-Trichlorobenzene
Concen: 0.212 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

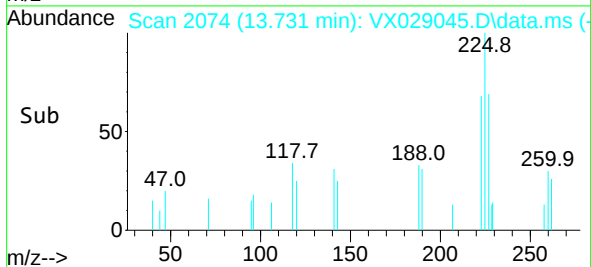
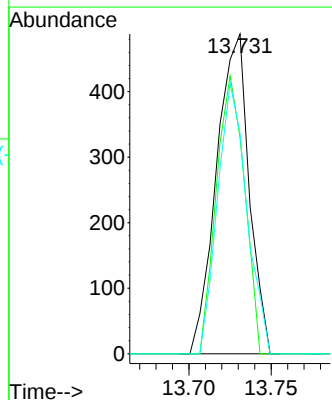
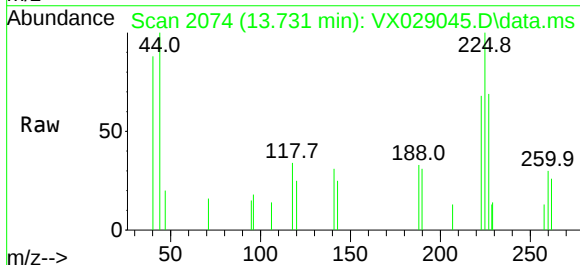
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

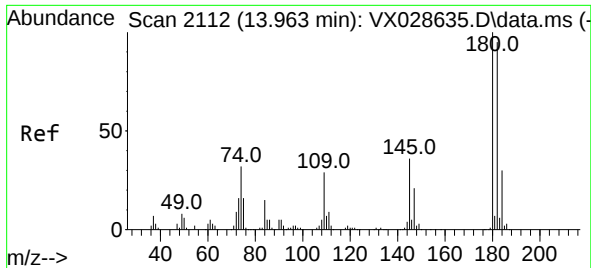
Tgt Ion:180 Resp: 1091
Ion Ratio Lower Upper
180 100
182 90.9 47.7 143.1
145 27.0 15.2 45.5



#94
Hexachlorobutadiene
Concen: 0.323 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX029045.D
Acq: 28 May 2022 00:33

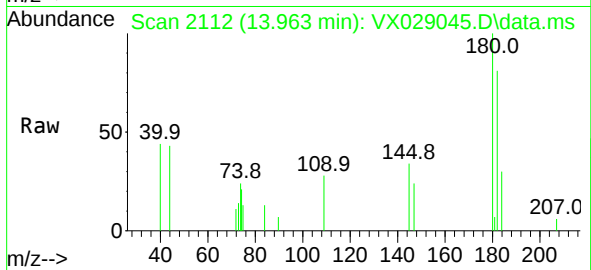
Tgt Ion:225 Resp: 673
Ion Ratio Lower Upper
225 100
223 74.7 34.2 102.5
227 75.8 33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.221 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029045.D
 Acq: 28 May 2022 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 33S-20220525



Tgt Ion:180 Resp: 1140
 Ion Ratio Lower Upper
 180 100
 182 81.3 50.0 149.8
 145 32.5 16.2 48.5

