

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029050.D
 Acq On : 28 May 2022 02:29
 Operator : JC/MD
 Sample : N3022-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20220525

Quant Time: May 28 08:37:44 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)

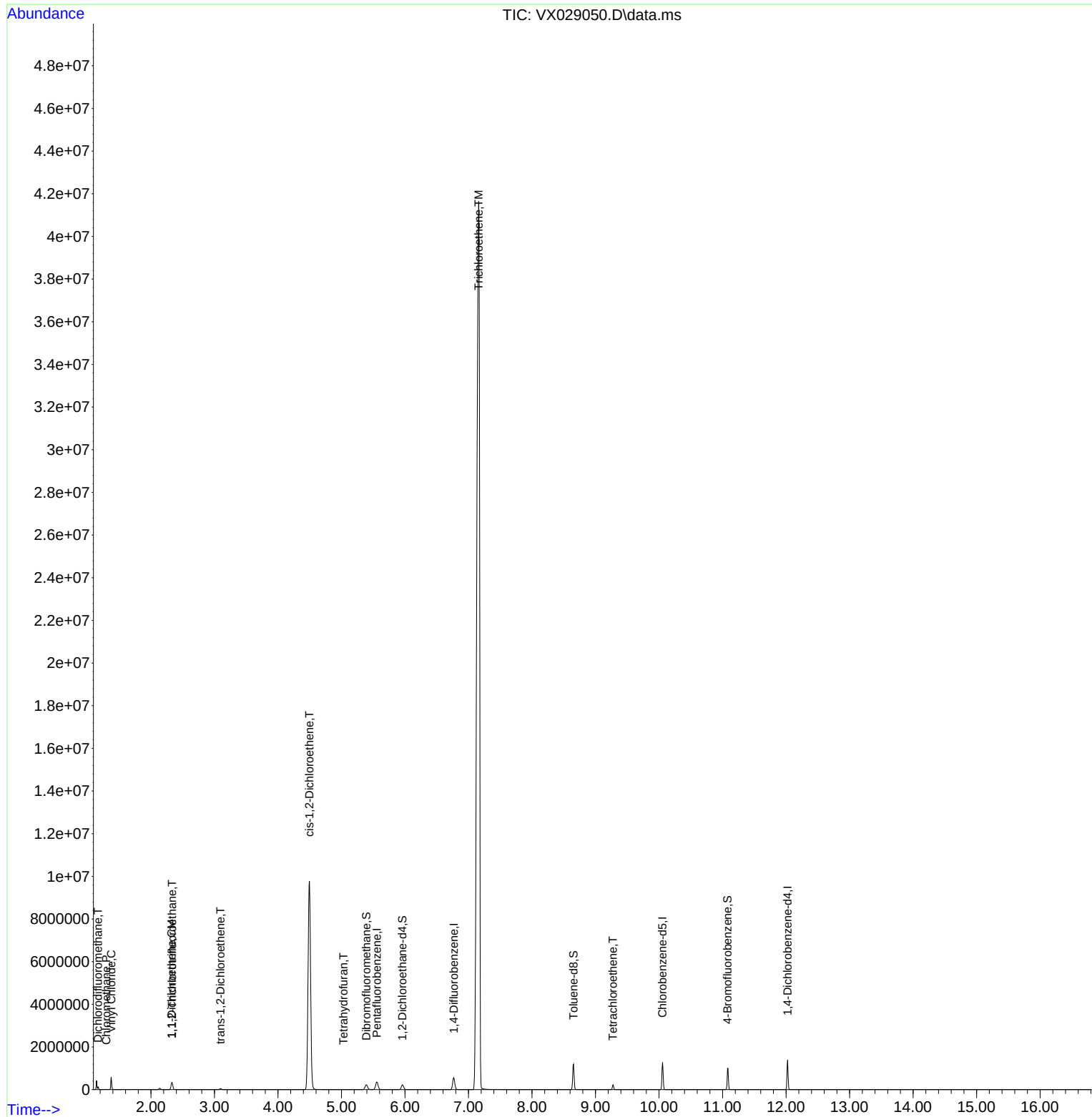
Internal Standards						
1) Pentafluorobenzene	5.556	168	340650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	608231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219320	46.968	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.940%
35) Dibromofluoromethane	5.391	113	201118	50.468	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.940%
50) Toluene-d8	8.653	98	720219	47.937	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.880%
62) 4-Bromofluorobenzene	11.079	95	289719	51.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.260%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	59094	13.248	ug/l	100
3) Chloromethane	1.294	50	913	0.217	ug/l	99
4) Vinyl Chloride	1.374	62	347128	76.681	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	105976	27.903	ug/l	98
12) 1,1-Dichloroethene	2.325	96	37061	10.512	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	20599	5.187	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	6686812	1441.707	ug/l	85
29) Tetrahydrofuran	5.032	42	2233	1.092	ug/l	93
44) Trichloroethene	7.159	130	22517463	4826.558	ug/l	97
64) Tetrachloroethene	9.275	164	42524	9.409	ug/l	95

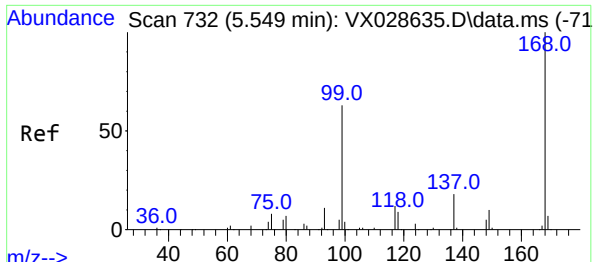
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 28 08:37:44 2022
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Quant Title : SW846 8260
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Response via : Initial Calibration

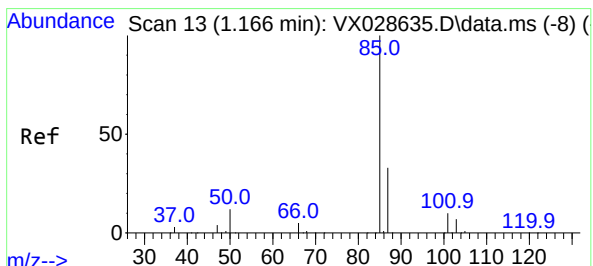
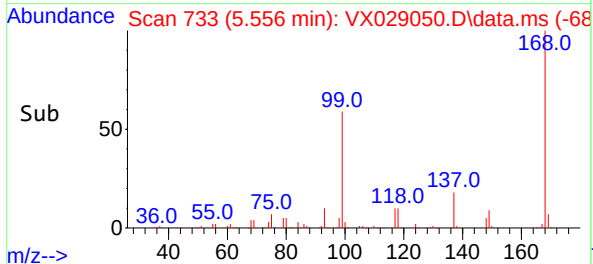
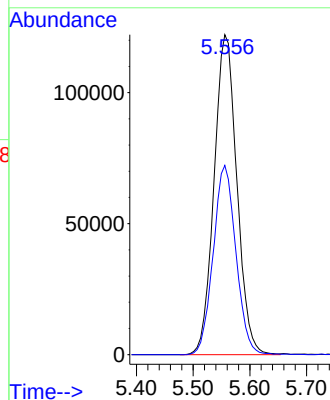
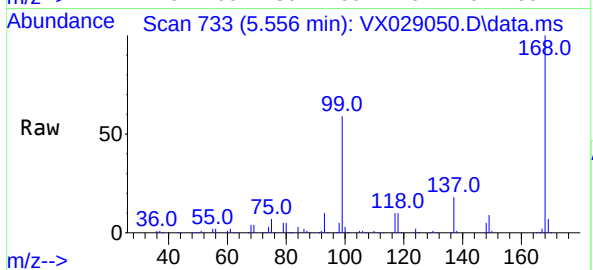




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

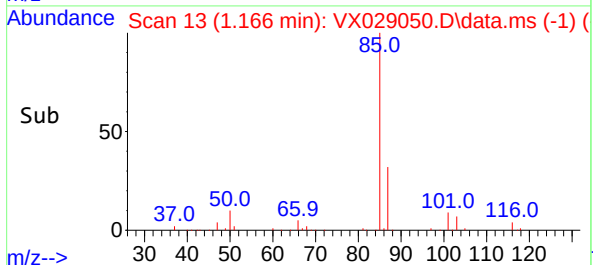
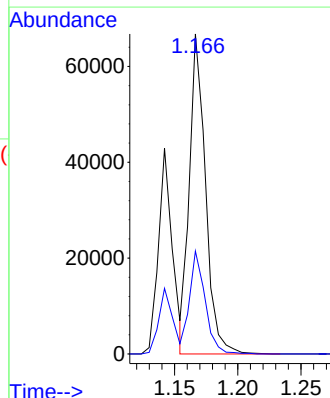
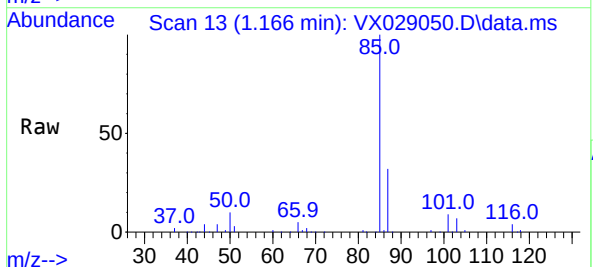
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

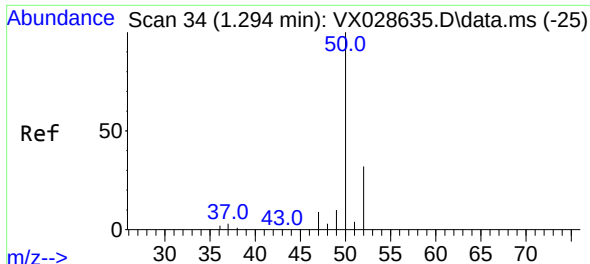
Tgt Ion:168 Resp: 340650
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 13.248 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Tgt Ion: 85 Resp: 59094
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6

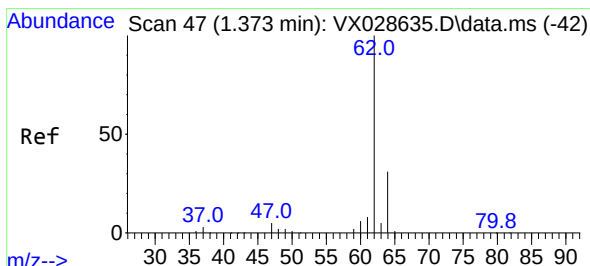
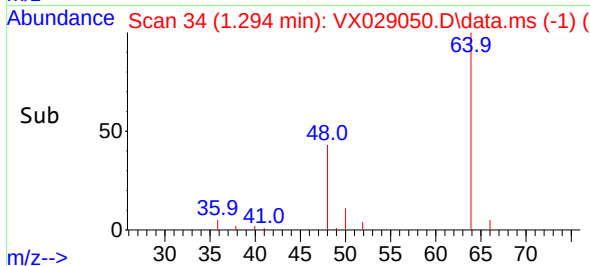
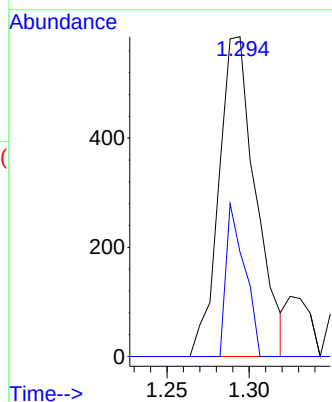
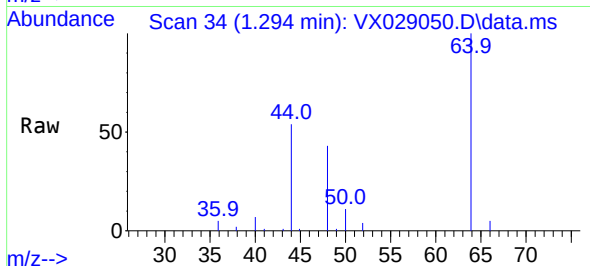




#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

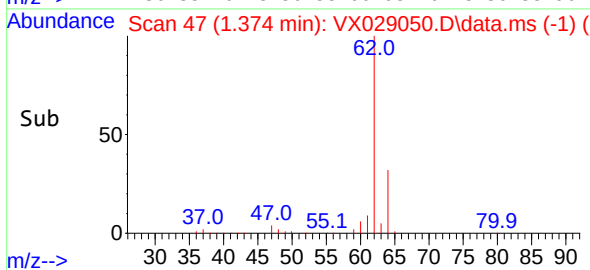
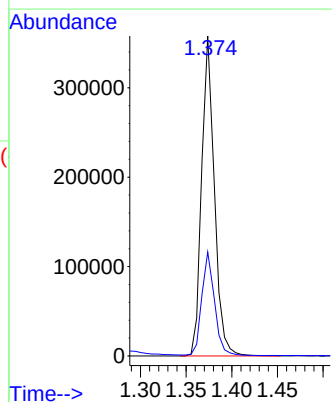
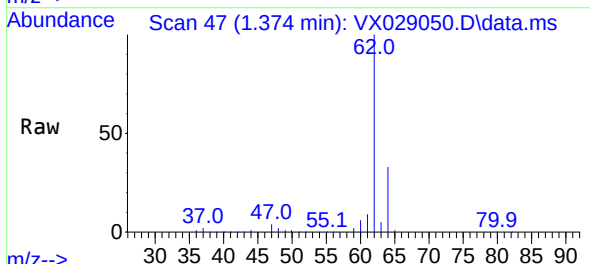
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

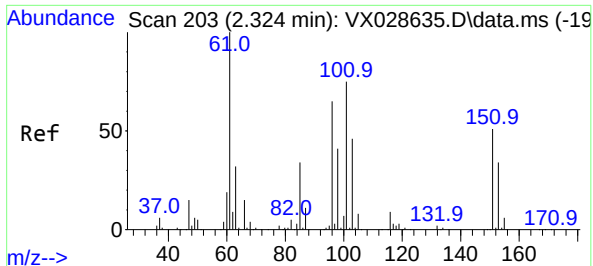
Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6



#4
Vinyl Chloride
Concen: 76.681 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Tgt Ion: 62 Resp: 347128
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

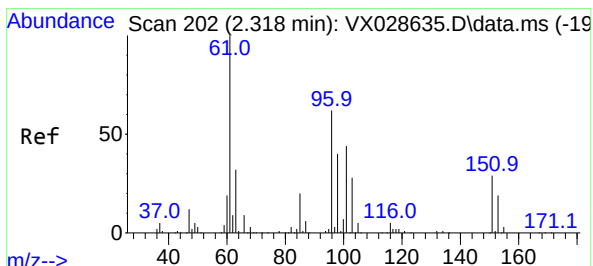
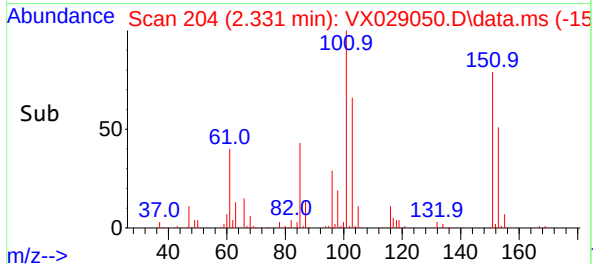
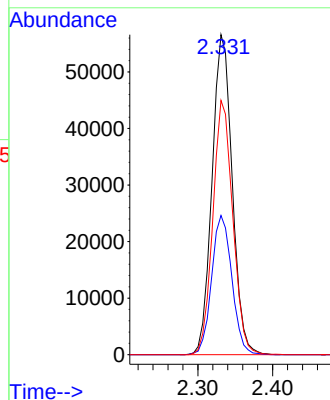
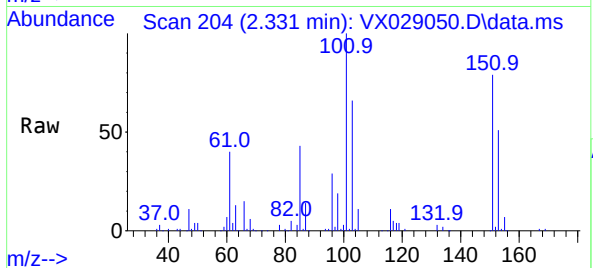




#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.903 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.007 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

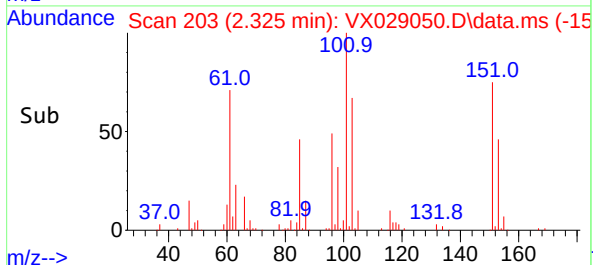
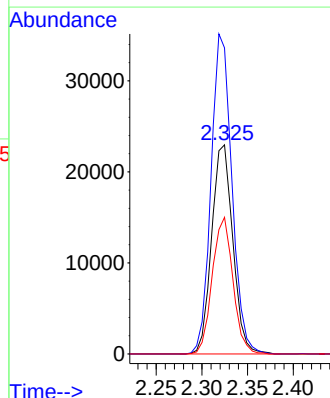
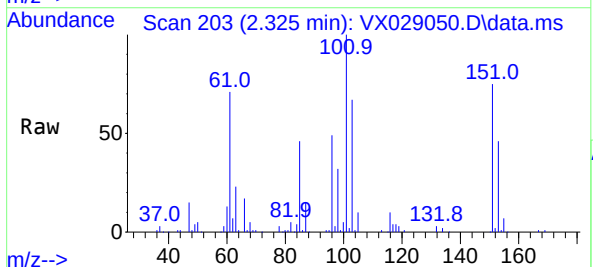
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

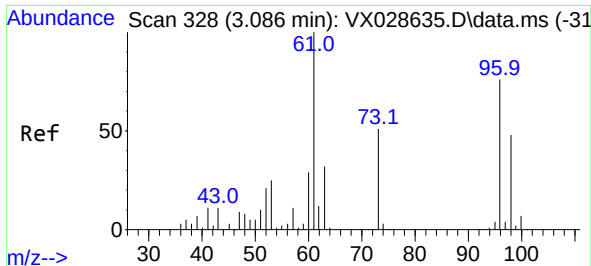
Tgt Ion:101 Resp: 105976
Ion Ratio Lower Upper
101 100
85 43.7 33.5 50.3
151 78.7 61.8 92.6



#12
1,1-Dichloroethene
Concen: 10.512 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Tgt Ion: 96 Resp: 37061
Ion Ratio Lower Upper
96 100
61 146.4 124.6 187.0
98 65.3 51.0 76.4

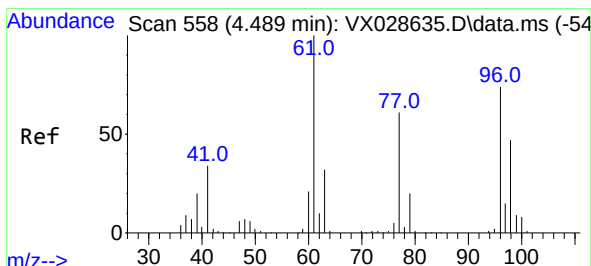
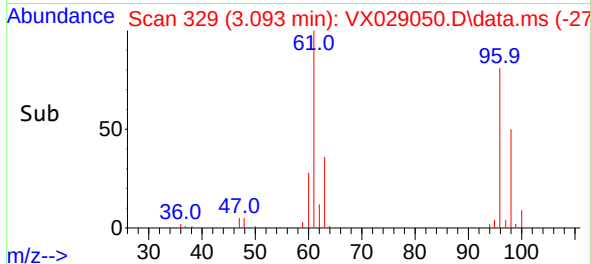
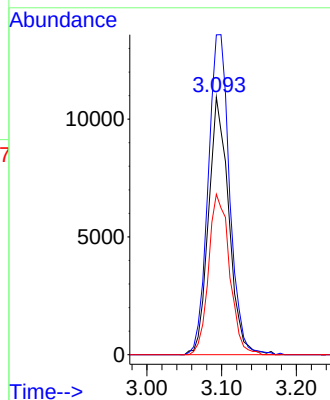
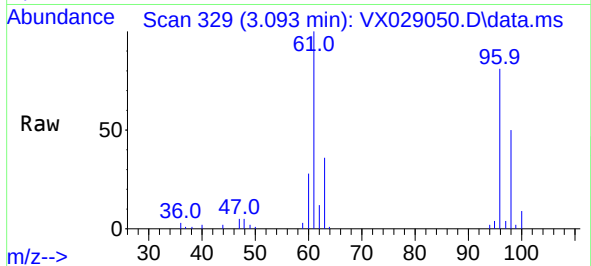




#21
trans-1,2-Dichloroethene
Concen: 5.187 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

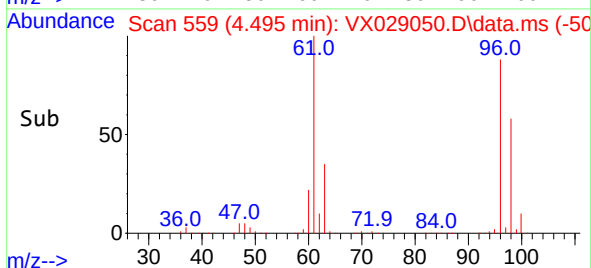
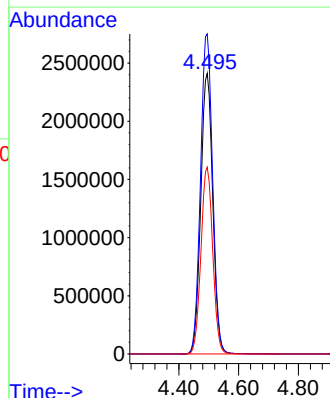
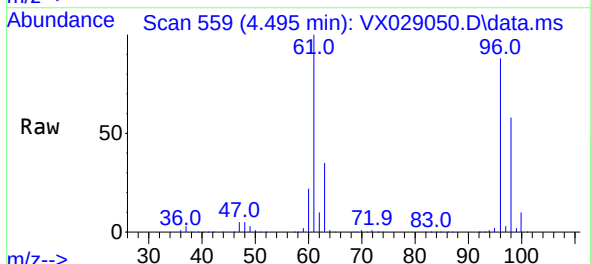
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

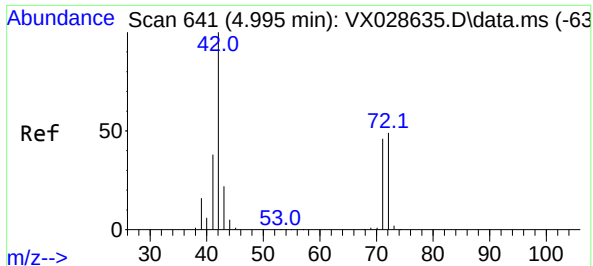
Tgt Ion: 96 Resp: 20599
Ion Ratio Lower Upper
96 100
61 124.2 105.4 158.2
98 62.3 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 1441.707 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Tgt Ion: 96 Resp: 6686812
Ion Ratio Lower Upper
96 100
61 115.6 0.0 283.8
98 65.8 0.0 129.8





#29

Tetrahydrofuran

Concen: 1.092 ug/l

RT: 5.032 min Scan# 641

Delta R.T. 0.037 min

Lab File: VX029050.D

Acq: 28 May 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

56BR-20220525

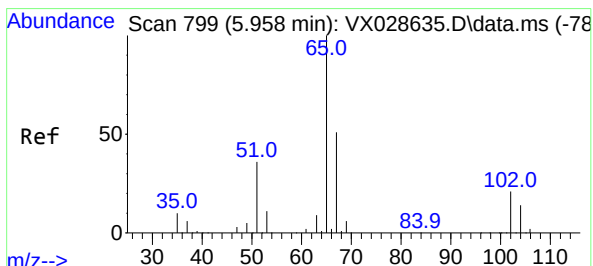
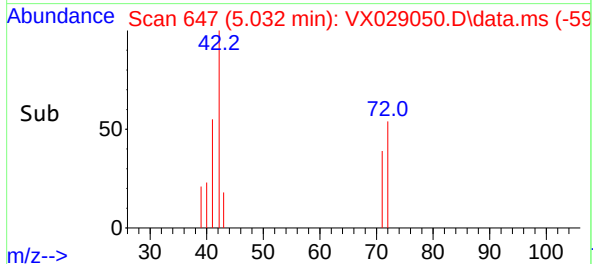
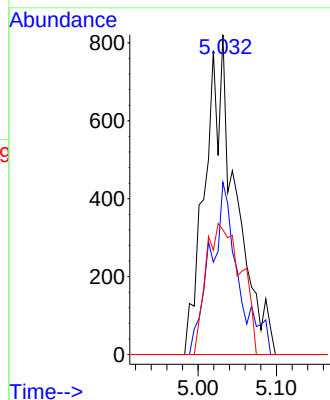
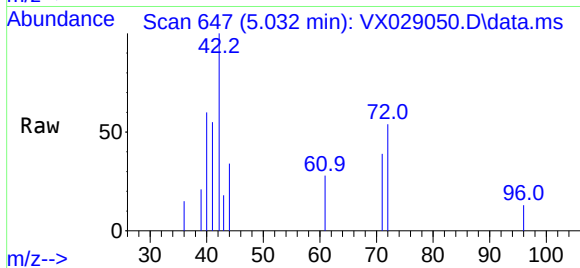
Tgt Ion: 42 Resp: 2233

Ion Ratio Lower Upper

42 100

72 49.1 44.1 66.1

71 46.8 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 46.968 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029050.D

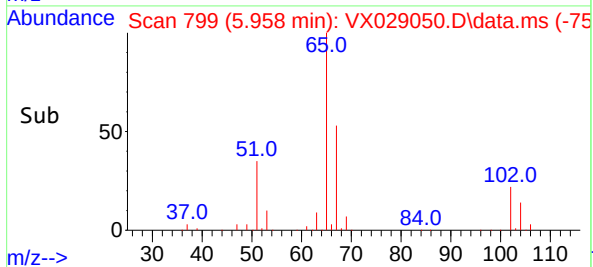
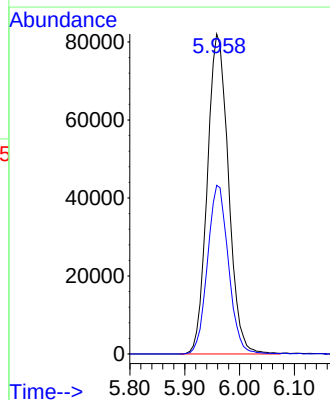
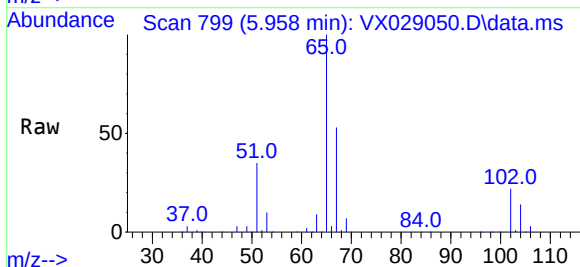
Acq: 28 May 2022 02:29

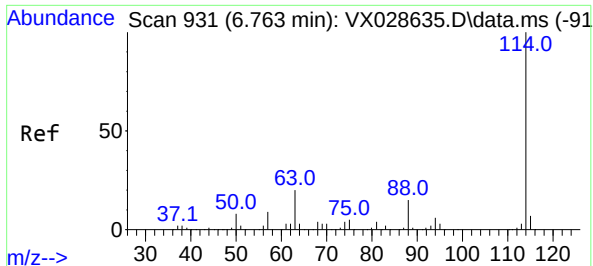
Tgt Ion: 65 Resp: 219320

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4

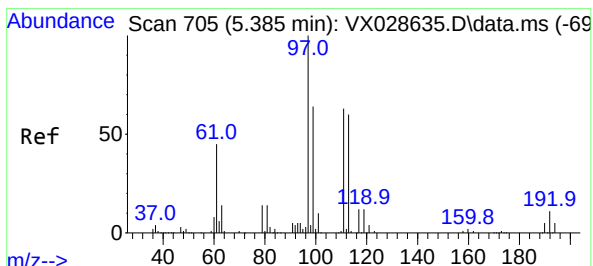
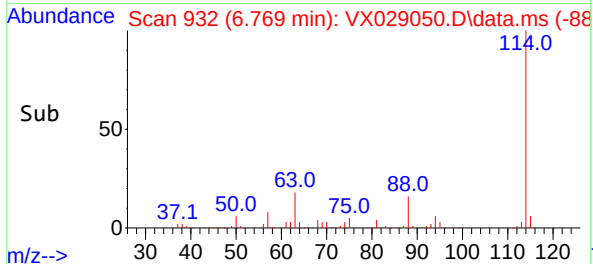
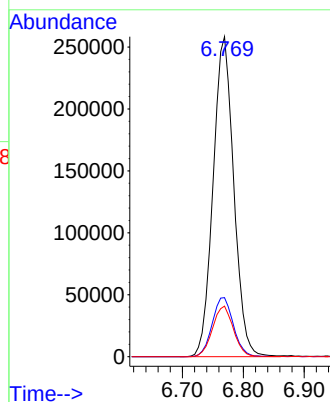
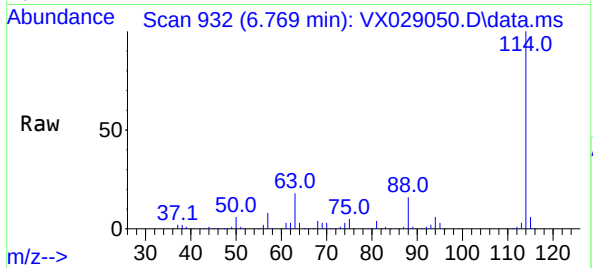




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

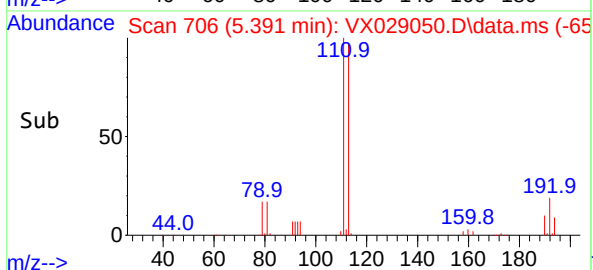
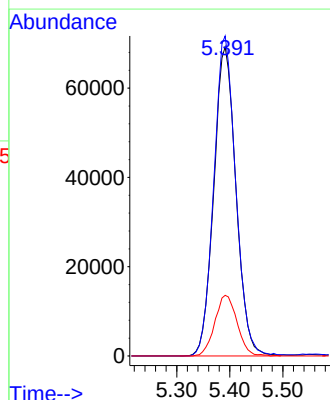
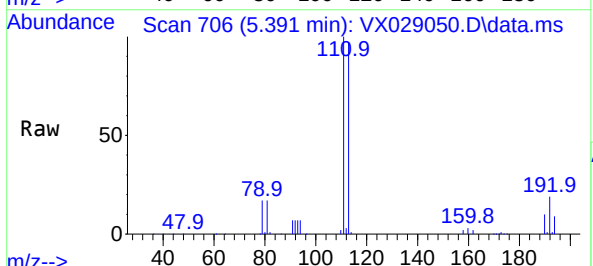
Instrument :
MSVOA_X
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56BR-20220525

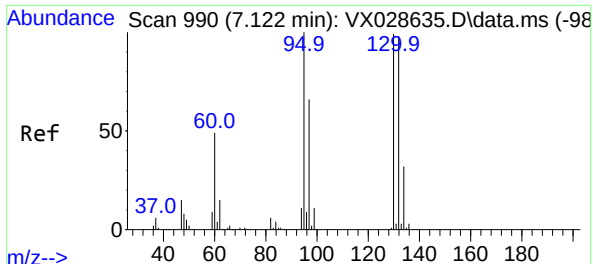
Tgt Ion:114 Resp: 608231
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.468 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Tgt Ion:113 Resp: 201118
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.8 16.9 25.3

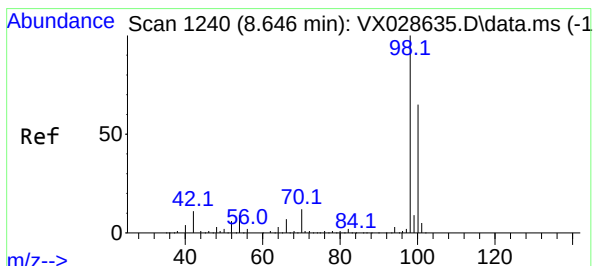
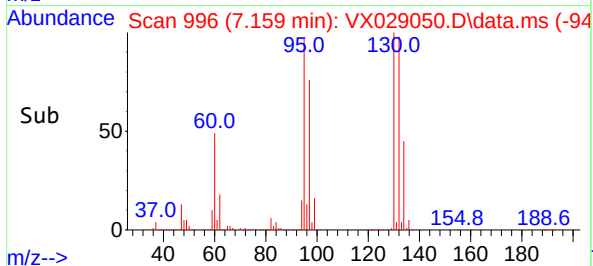
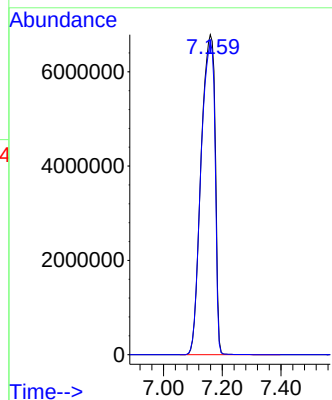
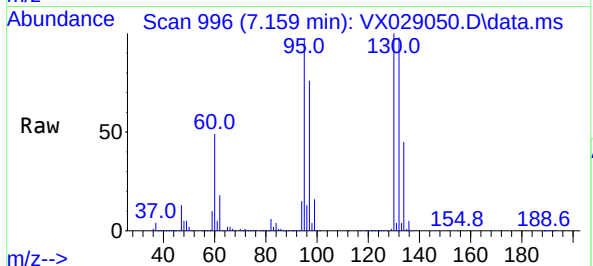




#44
Trichloroethene
Concen: 4826.558 ug/l
RT: 7.159 min Scan# 996
Delta R.T. 0.037 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

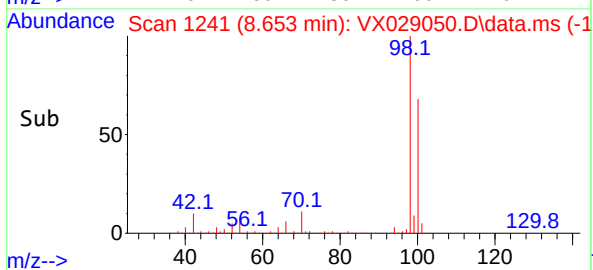
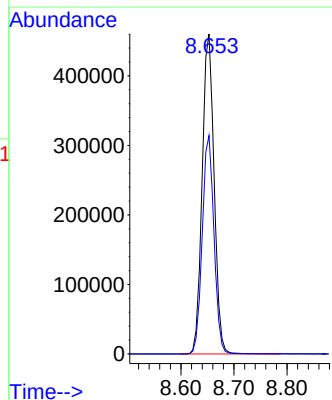
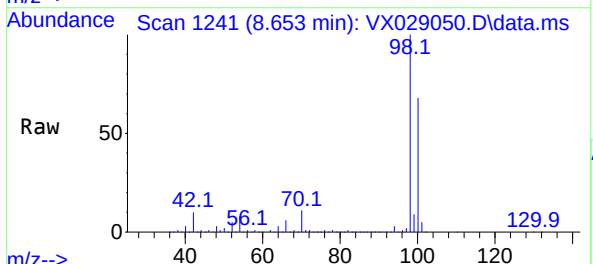
Instrument :
MSVOA_X
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56BR-20220525

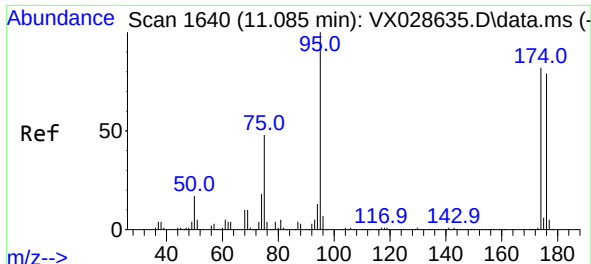
Tgt Ion:130 Resp:22517463
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.8



#50
Toluene-d8
Concen: 47.937 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Tgt Ion: 98 Resp: 720219
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

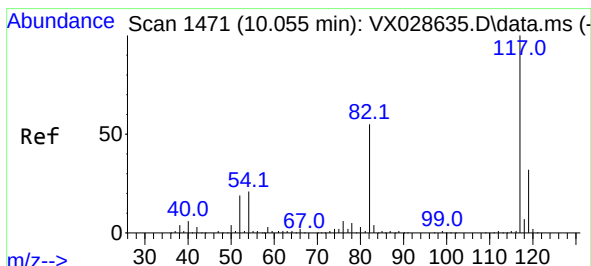
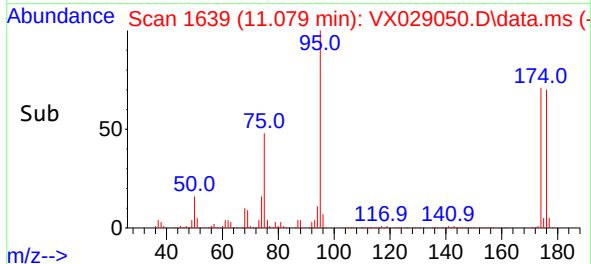
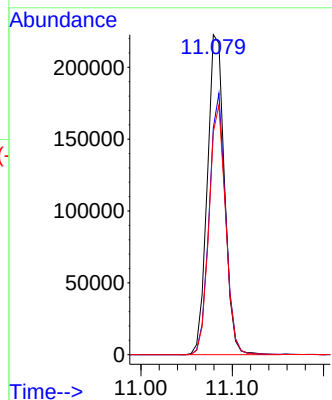
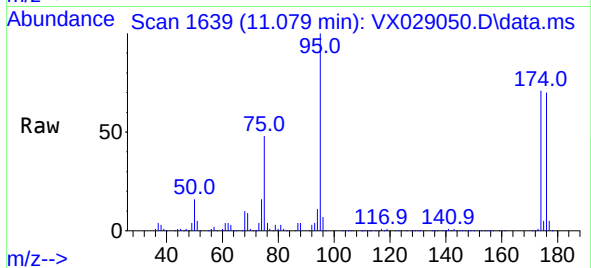




#62
4-Bromofluorobenzene
Concen: 51.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

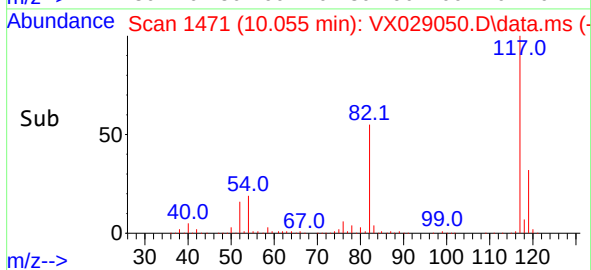
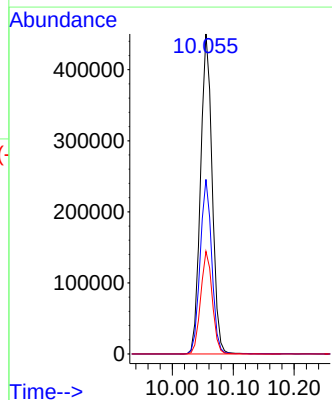
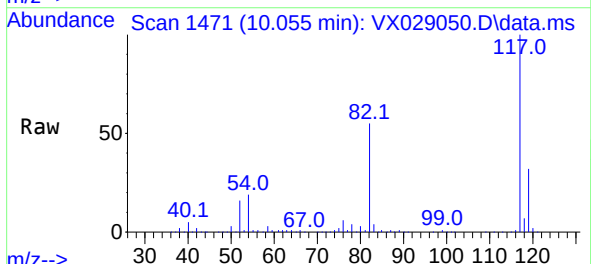
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

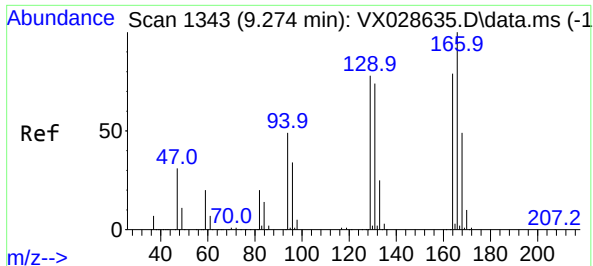
Tgt Ion: 95 Resp: 289719
Ion Ratio Lower Upper
95 100
174 78.0 0.0 163.0
176 75.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Tgt Ion: 117 Resp: 598502
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 32.0 24.8 37.2



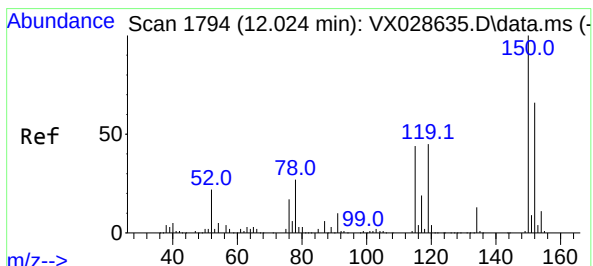
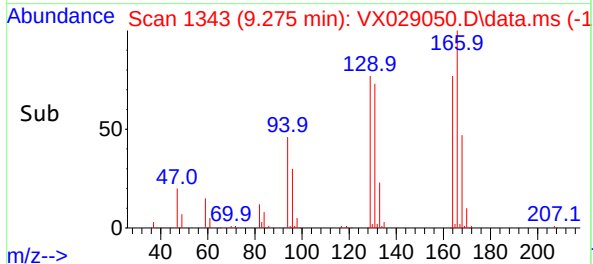
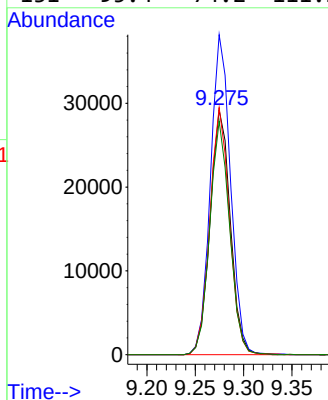
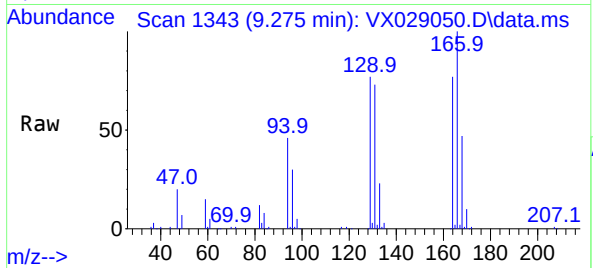


#64
Tetrachloroethene
Concen: 9.409 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

Tgt Ion:164 Resp: 42524

Ion	Ratio	Lower	Upper
164	100		
166	130.7	101.2	151.8
129	100.9	73.0	109.4
131	95.4	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029050.D
Acq: 28 May 2022 02:29

Tgt Ion:152 Resp: 287999

Ion	Ratio	Lower	Upper
152	100		
115	61.0	37.5	112.7
150	156.9	0.0	338.2

