

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029048.D
 Acq On : 28 May 2022 01:43
 Operator : JC/MD
 Sample : N3022-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20220525

Quant Time: May 28 08:37:10 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)

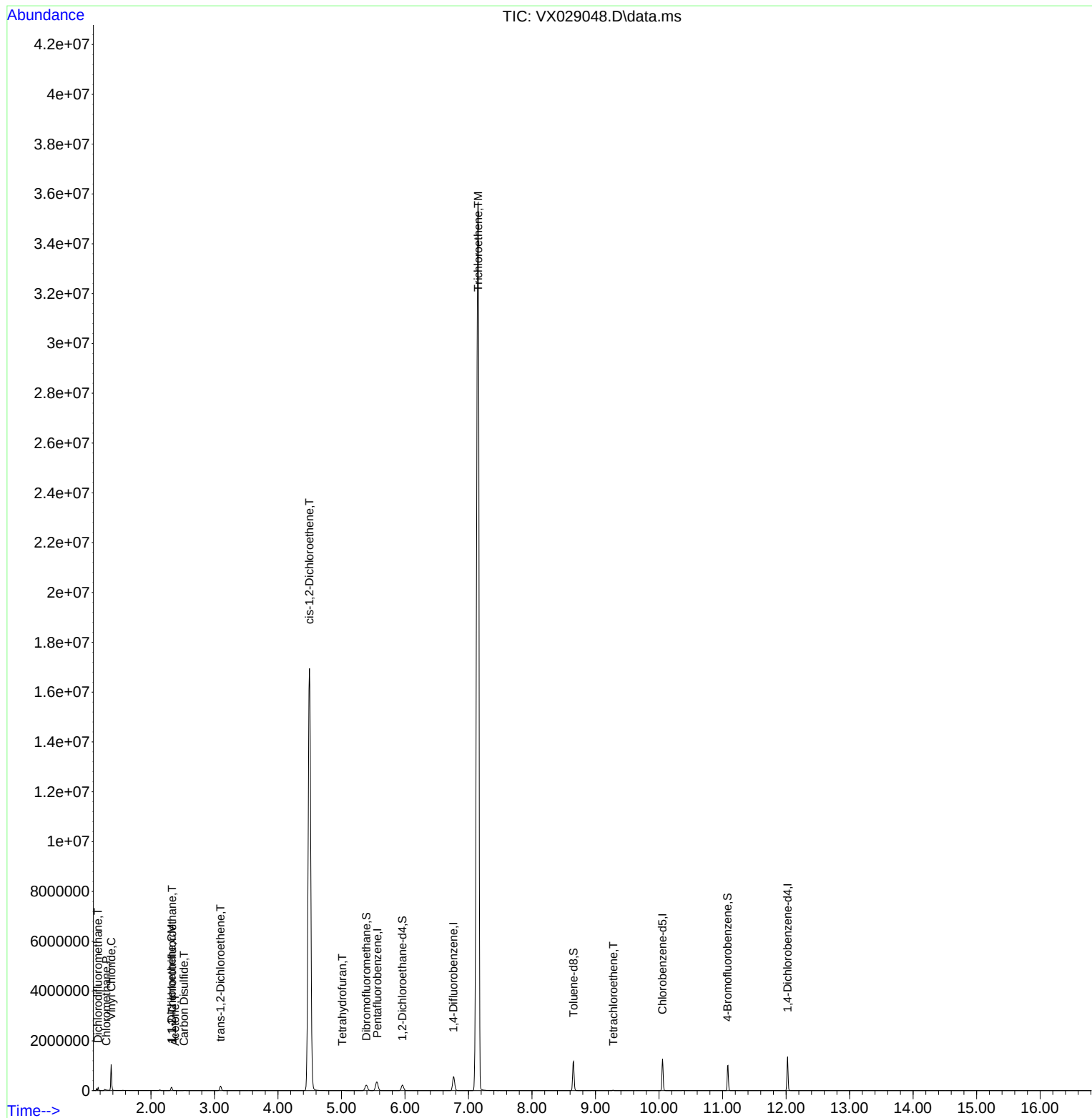
Internal Standards						
1) Pentafluorobenzene	5.562	168	344679	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	606048	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	589663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218843	46.318	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.640%
35) Dibromofluoromethane	5.391	113	197216	49.667	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.340%
50) Toluene-d8	8.653	98	720261	48.112	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.220%
62) 4-Bromofluorobenzene	11.079	95	288640	51.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60456	13.395	ug/l	100
3) Chloromethane	1.294	50	2155	0.507	ug/l #	78
4) Vinyl Chloride	1.374	62	617067	134.717	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	5695	1.482	ug/l	97
12) 1,1-Dichloroethene	2.325	96	42451	11.900	ug/l	98
16) Acetone	2.380	43	5515	2.720	ug/l	92
17) Carbon Disulfide	2.520	76	4984	0.539	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	78190	19.459	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	11855775	2526.279	ug/l	83
29) Tetrahydrofuran	5.013	42	9731	4.703	ug/l	92
44) Trichloroethene	7.153	130	17208497	3701.882	ug/l	97
64) Tetrachloroethene	9.281	164	3823	0.859	ug/l	92

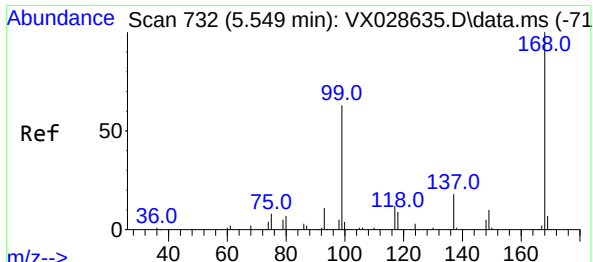
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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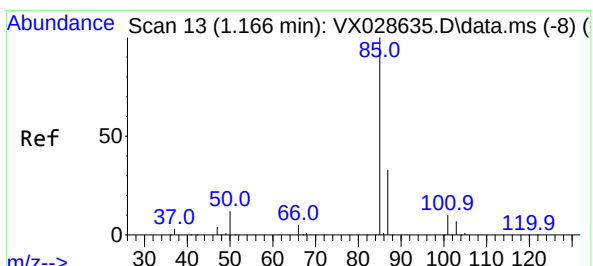
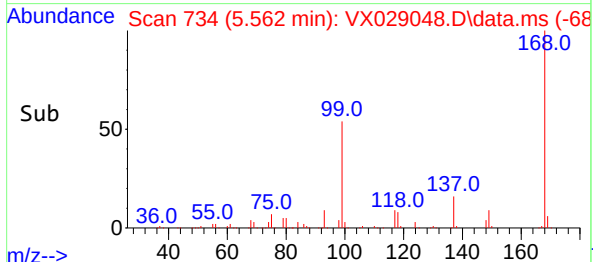
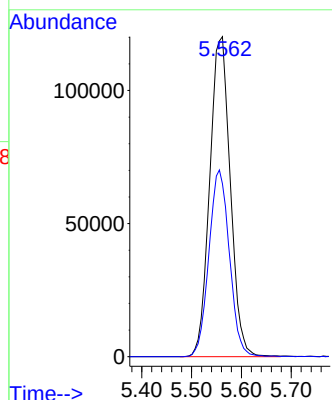
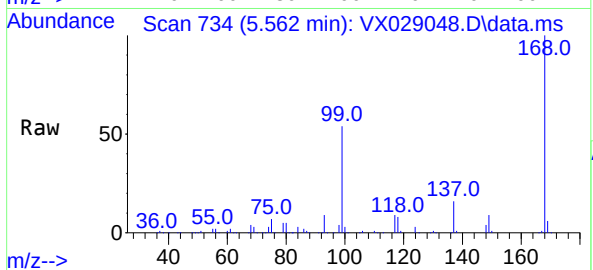




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.013 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

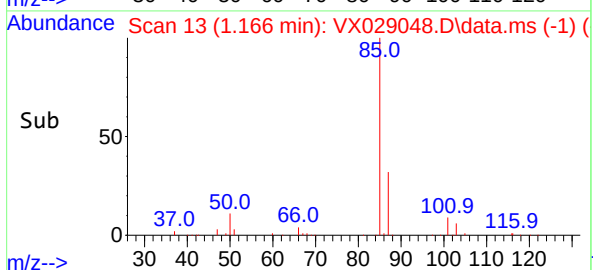
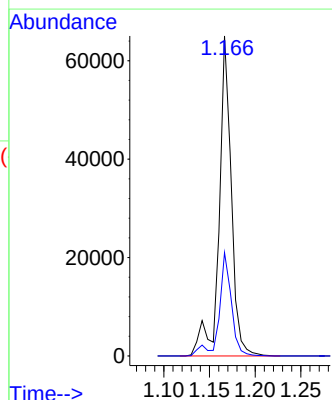
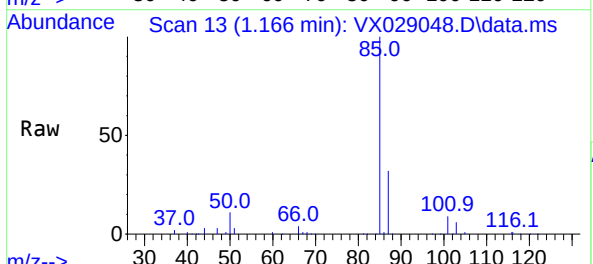
Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525

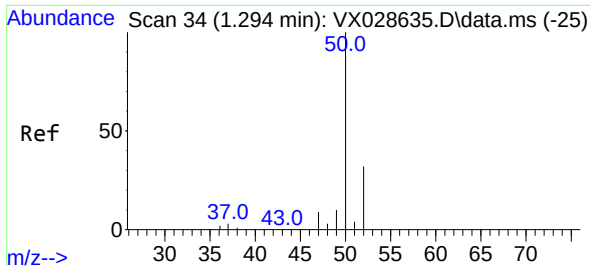
Tgt Ion:168 Resp: 344679
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 13.395 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion: 85 Resp: 60456
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

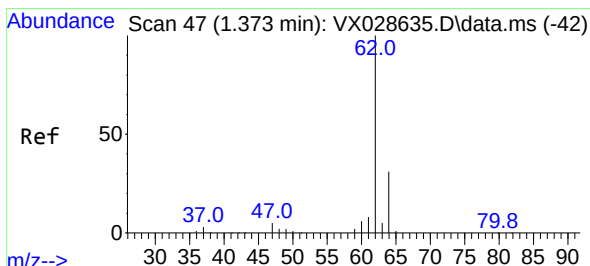
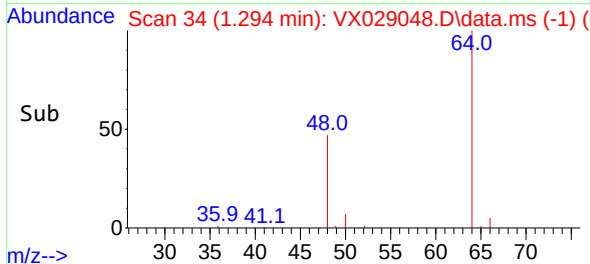
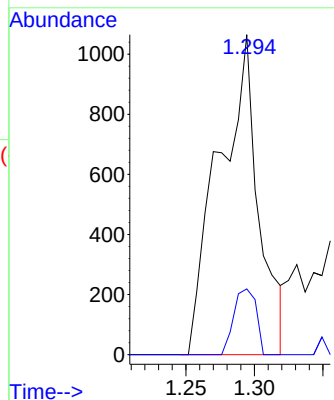
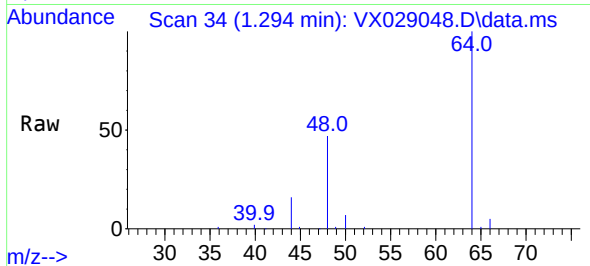




#3
Chloromethane
Concen: 0.507 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

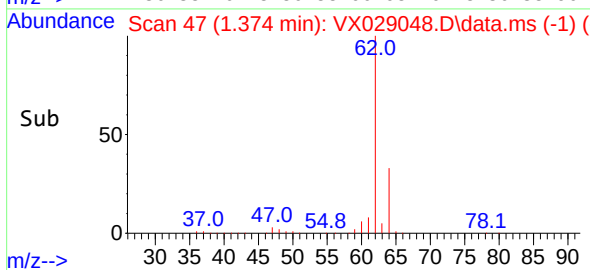
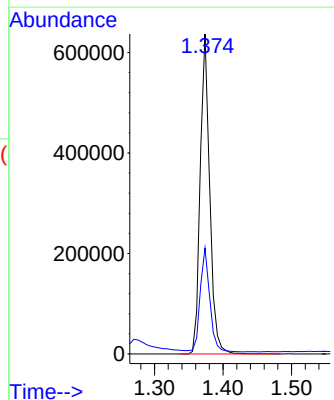
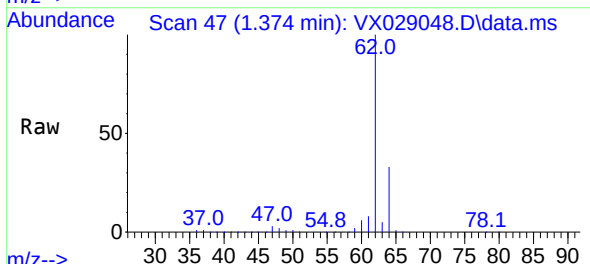
Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525

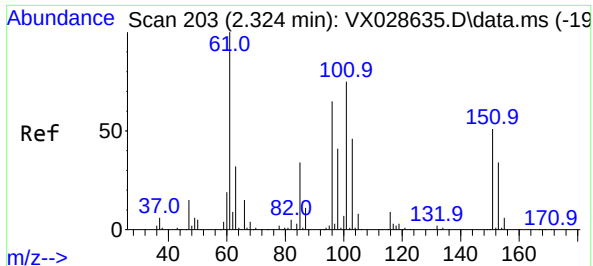
Tgt Ion: 50 Resp: 2155
Ion Ratio Lower Upper
50 100
52 20.6 26.4 39.6#



#4
Vinyl Chloride
Concen: 134.717 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion: 62 Resp: 617067
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

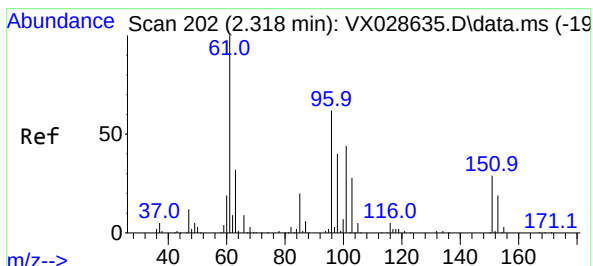
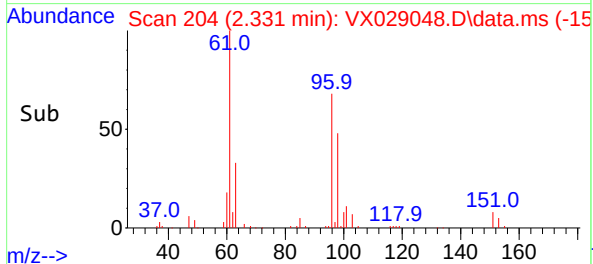
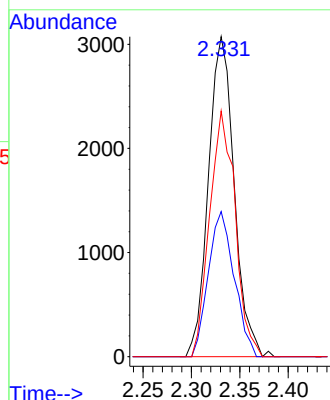
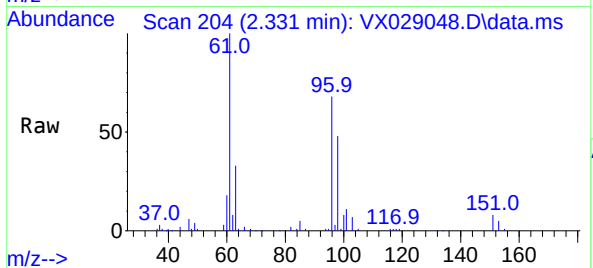




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.482 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

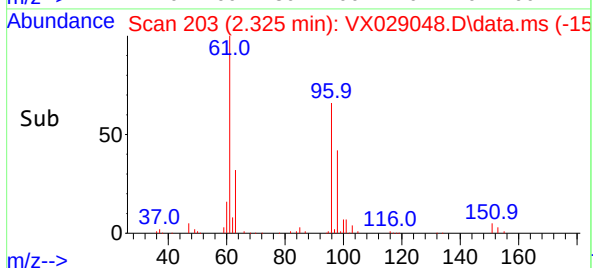
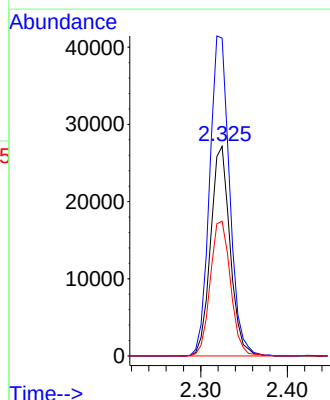
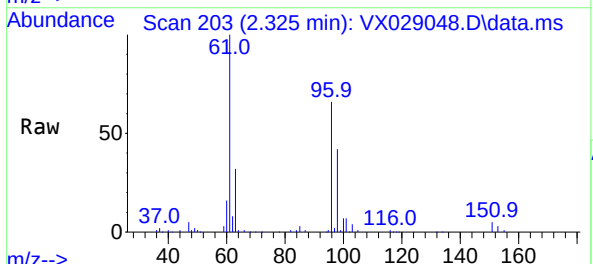
Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525

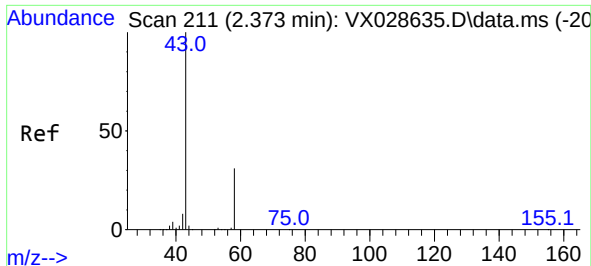
Tgt Ion:101 Resp: 5695
Ion Ratio Lower Upper
101 100
85 45.6 33.5 50.3
151 76.1 61.8 92.6



#12
1,1-Dichloroethene
Concen: 11.900 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion: 96 Resp: 42451
Ion Ratio Lower Upper
96 100
61 151.6 124.6 187.0
98 64.3 51.0 76.4

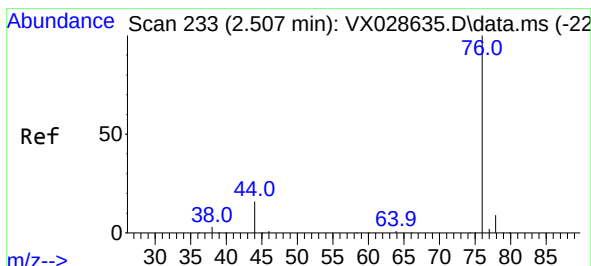
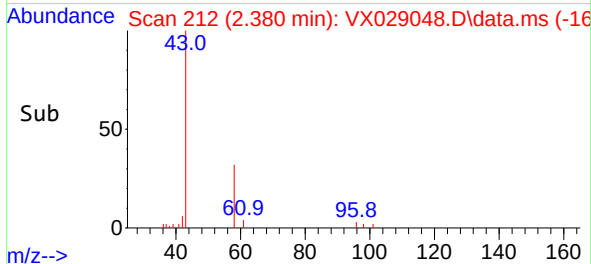
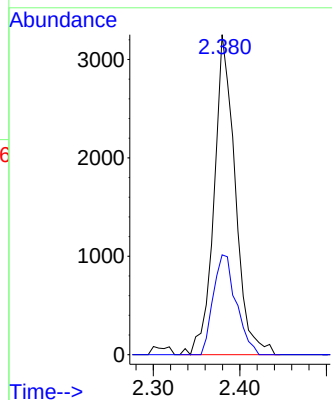
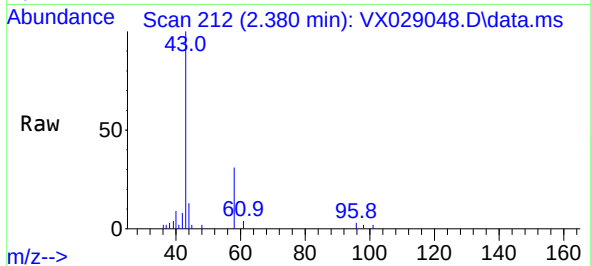




#16
Acetone
Concen: 2.720 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

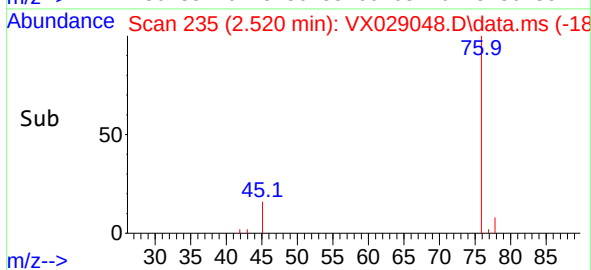
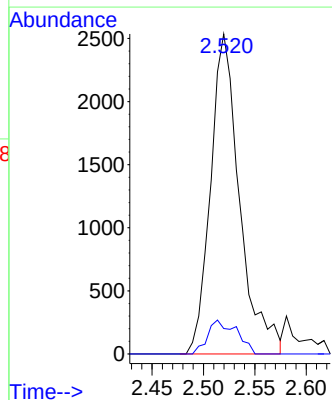
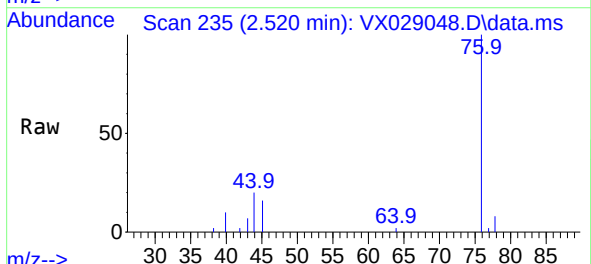
Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525

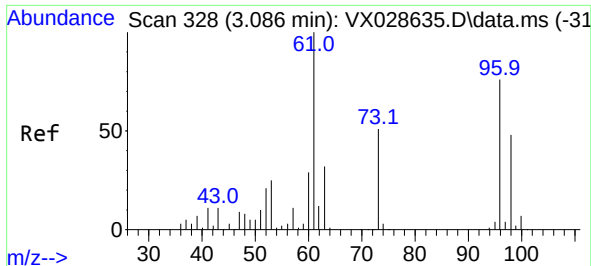
Tgt Ion: 43 Resp: 5515
Ion Ratio Lower Upper
43 100
58 31.2 28.8 43.2



#17
Carbon Disulfide
Concen: 0.539 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion: 76 Resp: 4984
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8

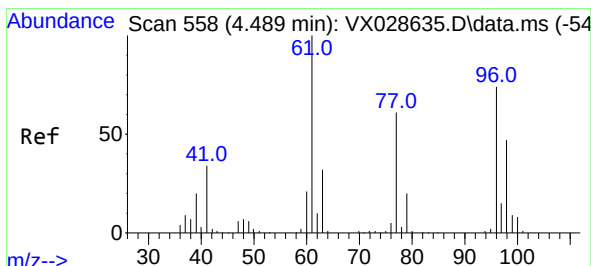
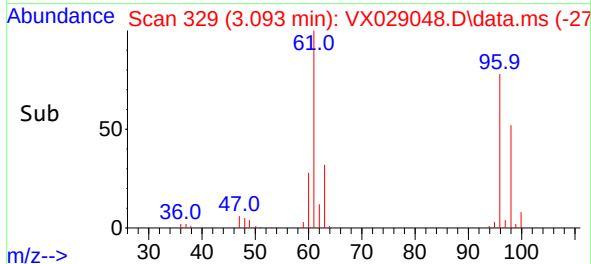
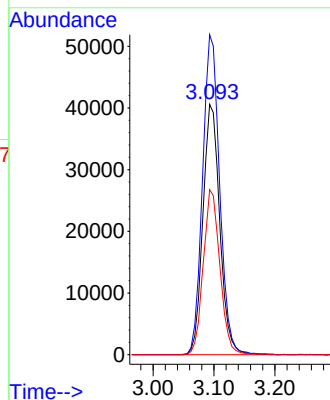
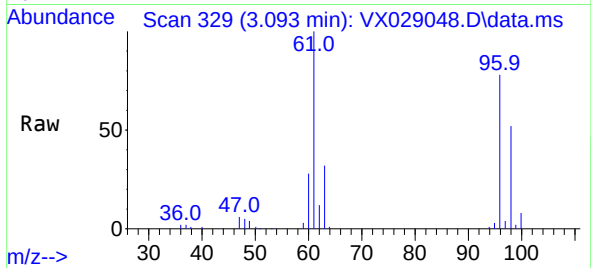




#21
trans-1,2-Dichloroethene
Concen: 19.459 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

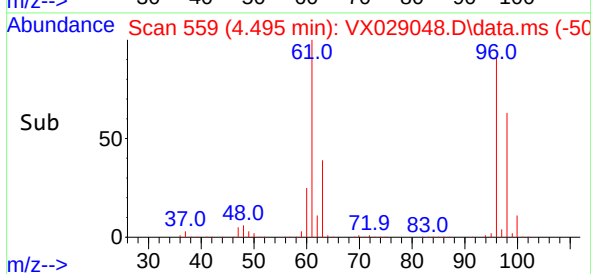
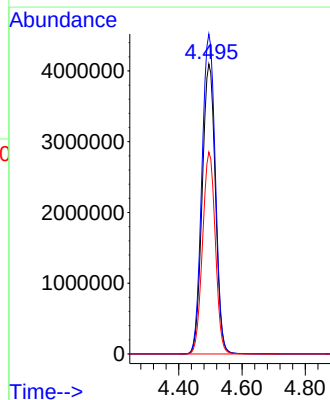
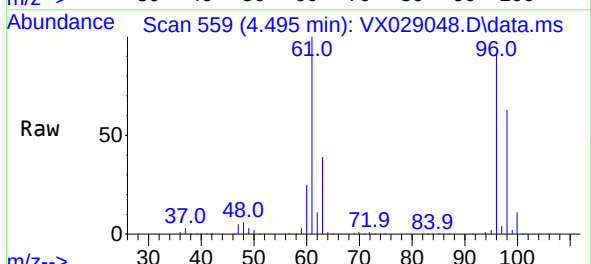
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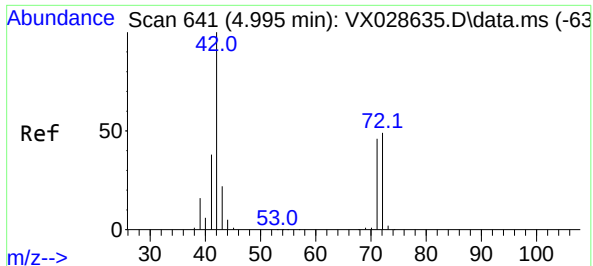
Tgt Ion: 96 Resp: 78190
Ion Ratio Lower Upper
96 100
61 127.8 105.4 158.2
98 65.9 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 2526.279 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion: 96 Resp:11855775
Ion Ratio Lower Upper
96 100
61 112.8 0.0 283.8
98 67.6 0.0 129.8





#29

Tetrahydrofuran

Concen: 4.703 ug/l

RT: 5.013 min Scan# 641

Delta R.T. 0.018 min

Lab File: VX029048.D

Acq: 28 May 2022 01:43

Instrument :

MSVOA_X

ClientSampleId :

25BR-20220525

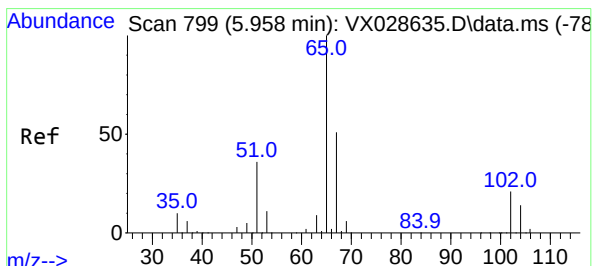
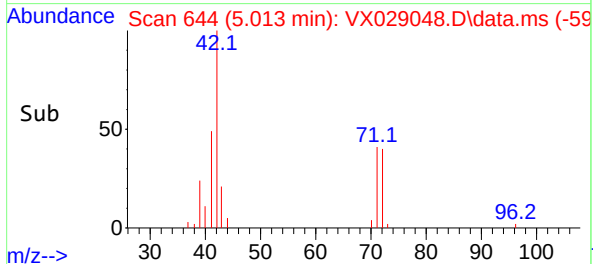
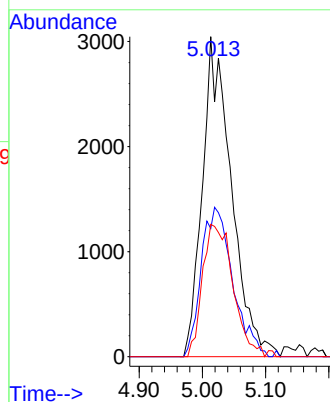
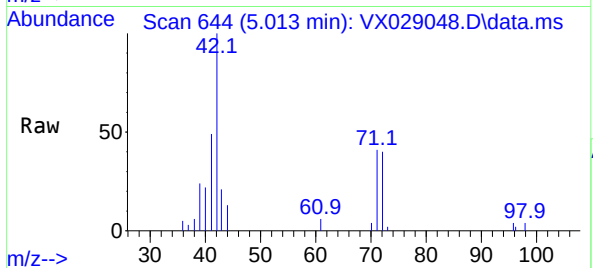
Tgt Ion: 42 Resp: 9731

Ion Ratio Lower Upper

42 100

72 50.5 44.1 66.1

71 43.3 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 46.318 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029048.D

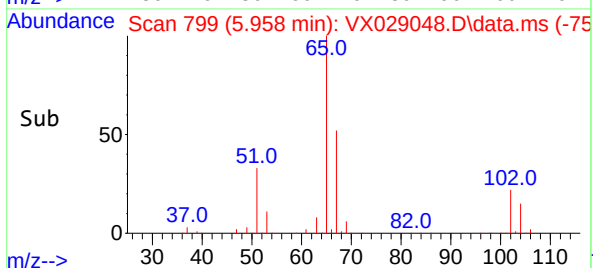
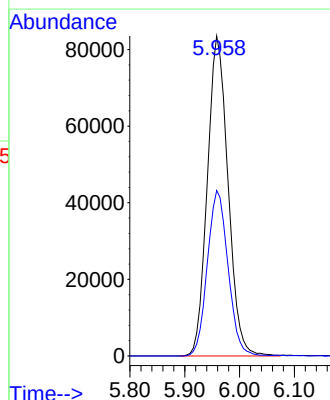
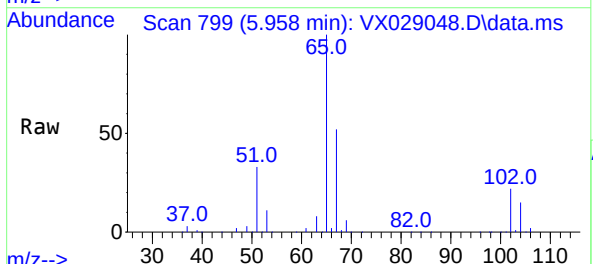
Acq: 28 May 2022 01:43

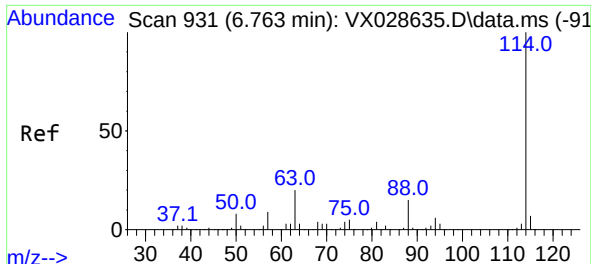
Tgt Ion: 65 Resp: 218843

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4

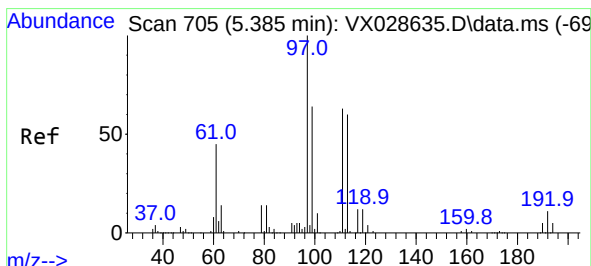
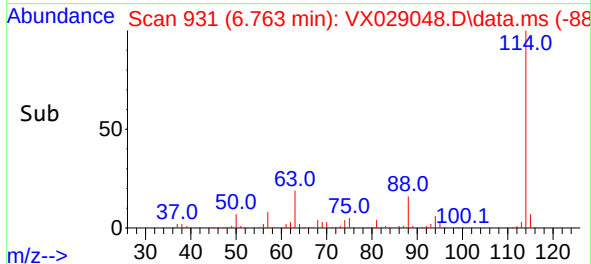
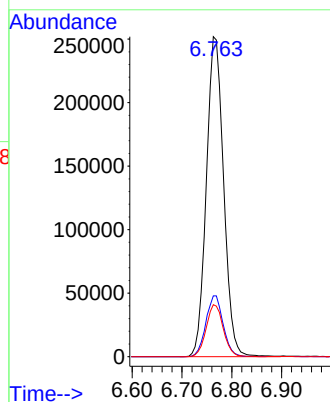
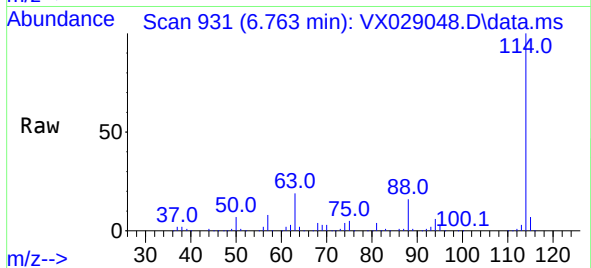




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

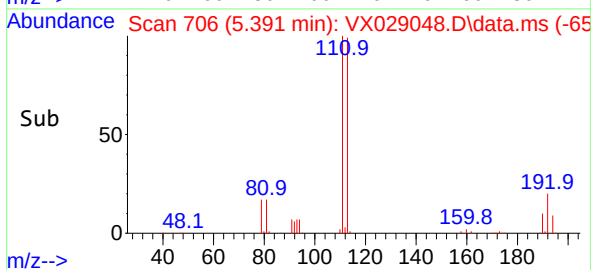
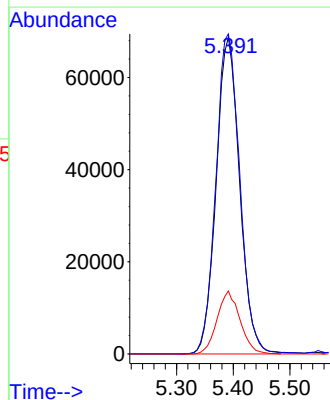
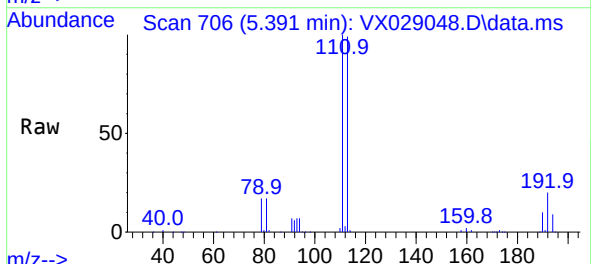
Instrument :
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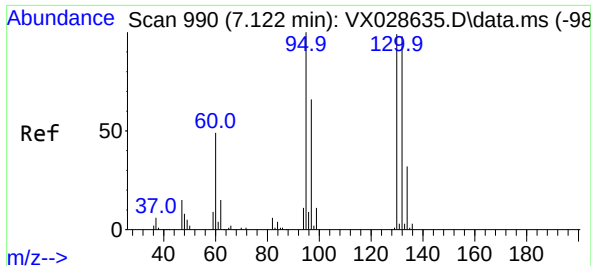
Tgt Ion:114 Resp: 606048
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.667 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion:113 Resp: 197216
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.4 16.9 25.3

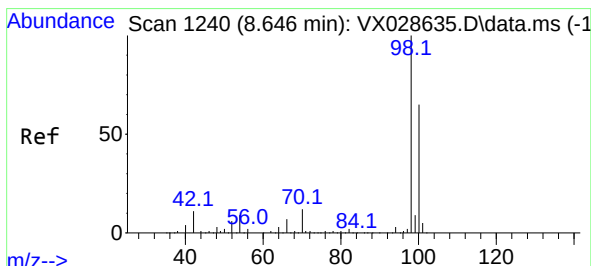
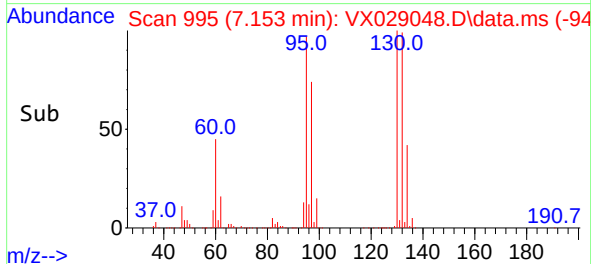
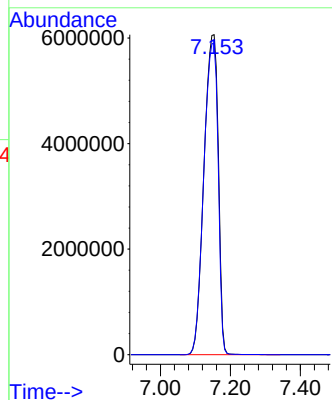
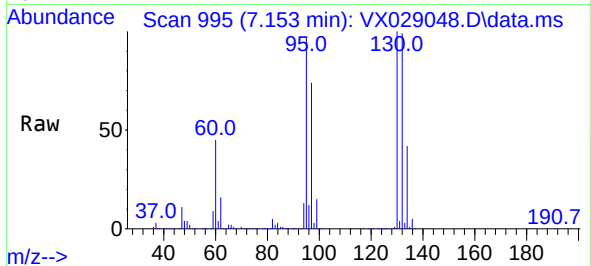




#44
Trichloroethene
Concen: 3701.882 ug/l
RT: 7.153 min Scan# 995
Delta R.T. 0.031 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

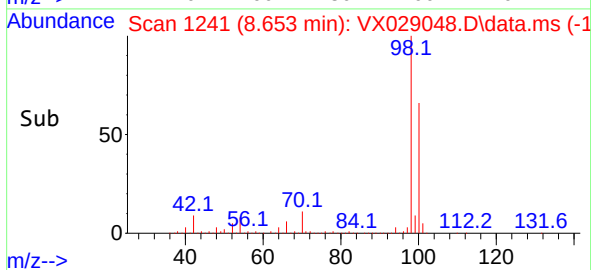
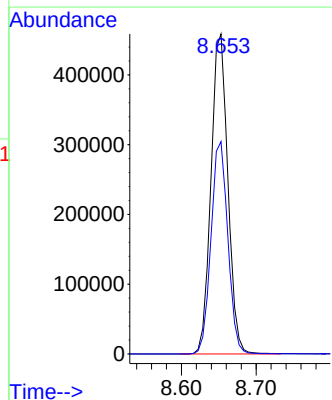
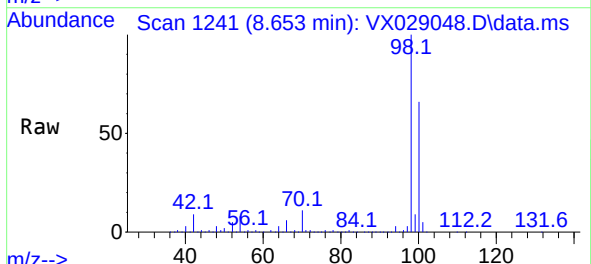
Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525

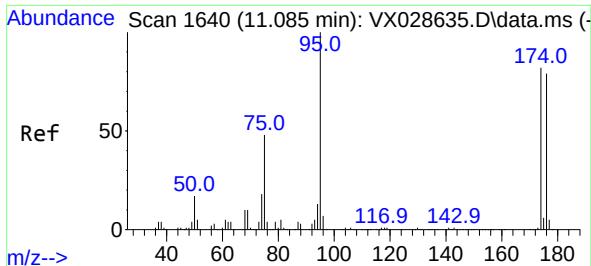
Tgt Ion:130 Resp:17208497
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.8



#50
Toluene-d8
Concen: 48.112 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion: 98 Resp: 720261
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

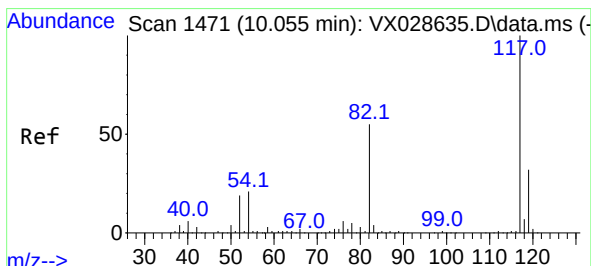
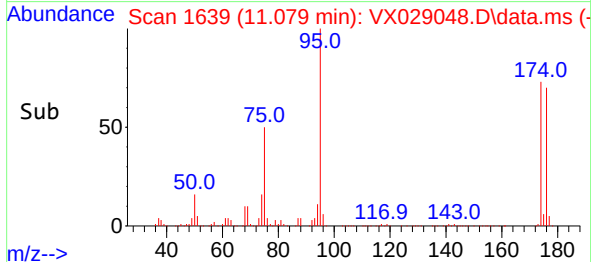
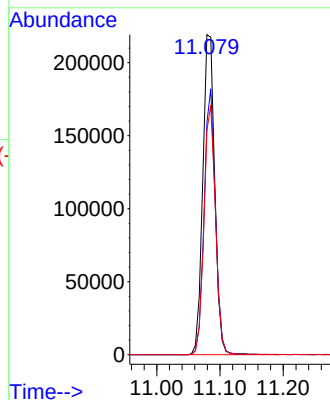
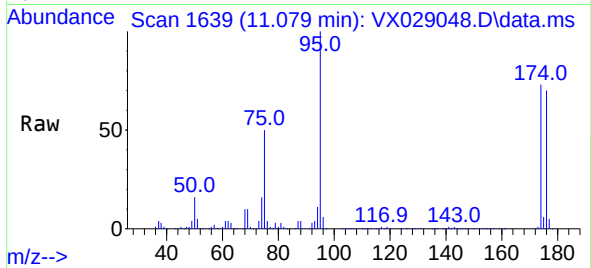




#62
4-Bromofluorobenzene
Concen: 51.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

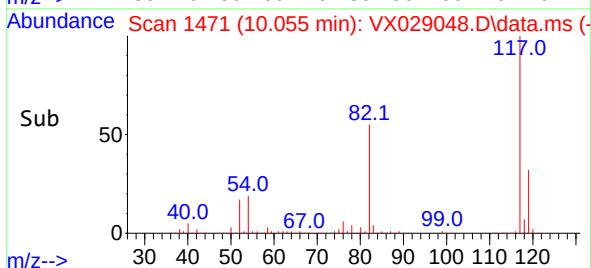
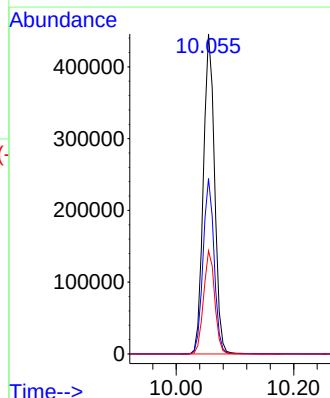
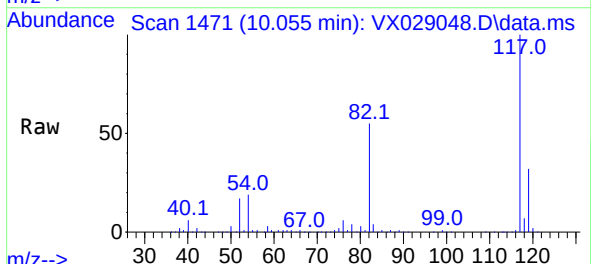
Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525

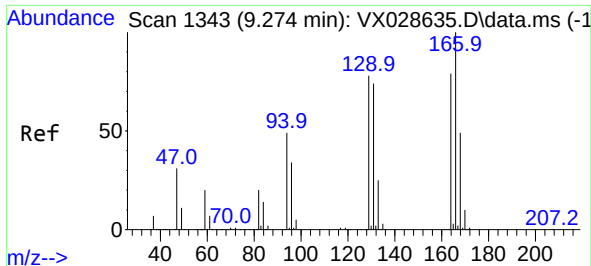
Tgt Ion: 95 Resp: 288640
Ion Ratio Lower Upper
95 100
174 78.0 0.0 163.0
176 74.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion: 117 Resp: 589663
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.3 24.8 37.2



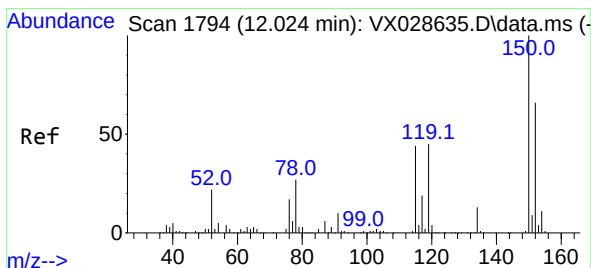
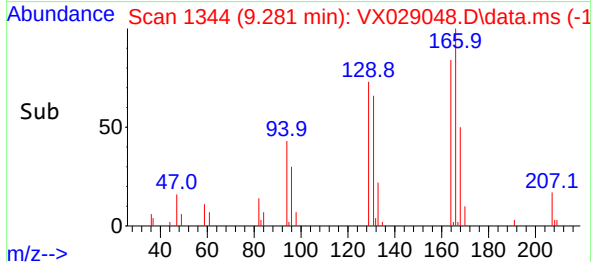
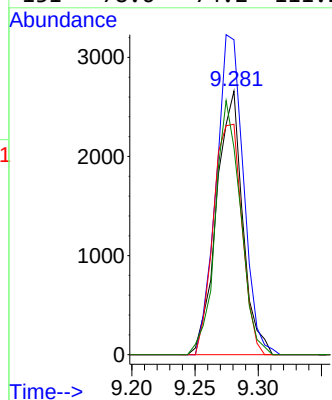
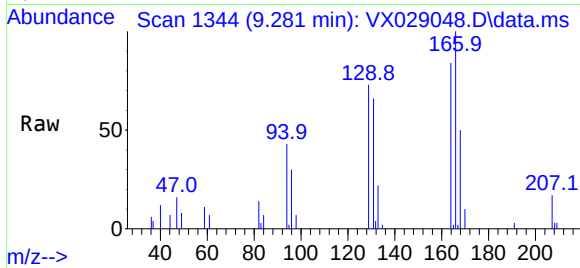


#64
Tetrachloroethene
Concen: 0.859 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029048.D
Acq: 28 May 2022 01:43

Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525

Tgt Ion:164 Resp: 3823

Ion	Ratio	Lower	Upper
164	100		
166	119.5	101.2	151.8
129	87.4	73.0	109.4
131	78.6	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: VX029048.D
Acq: 28 May 2022 01:43

Tgt Ion:152 Resp: 287363

Ion	Ratio	Lower	Upper
152	100		
115	60.8	37.5	112.7
150	155.8	0.0	338.2

