

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029051.D
 Acq On : 28 May 2022 02:52
 Operator : JC/MD
 Sample : N3022-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20220525

Quant Time: May 28 08:37:59 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	323377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	577867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	561797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209099	47.171	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.340%
35) Dibromofluoromethane	5.391	113	191490	50.577	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.160%
50) Toluene-d8	8.653	98	687160	48.140	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.280%
62) 4-Bromofluorobenzene	11.079	95	271886	50.996	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.000%

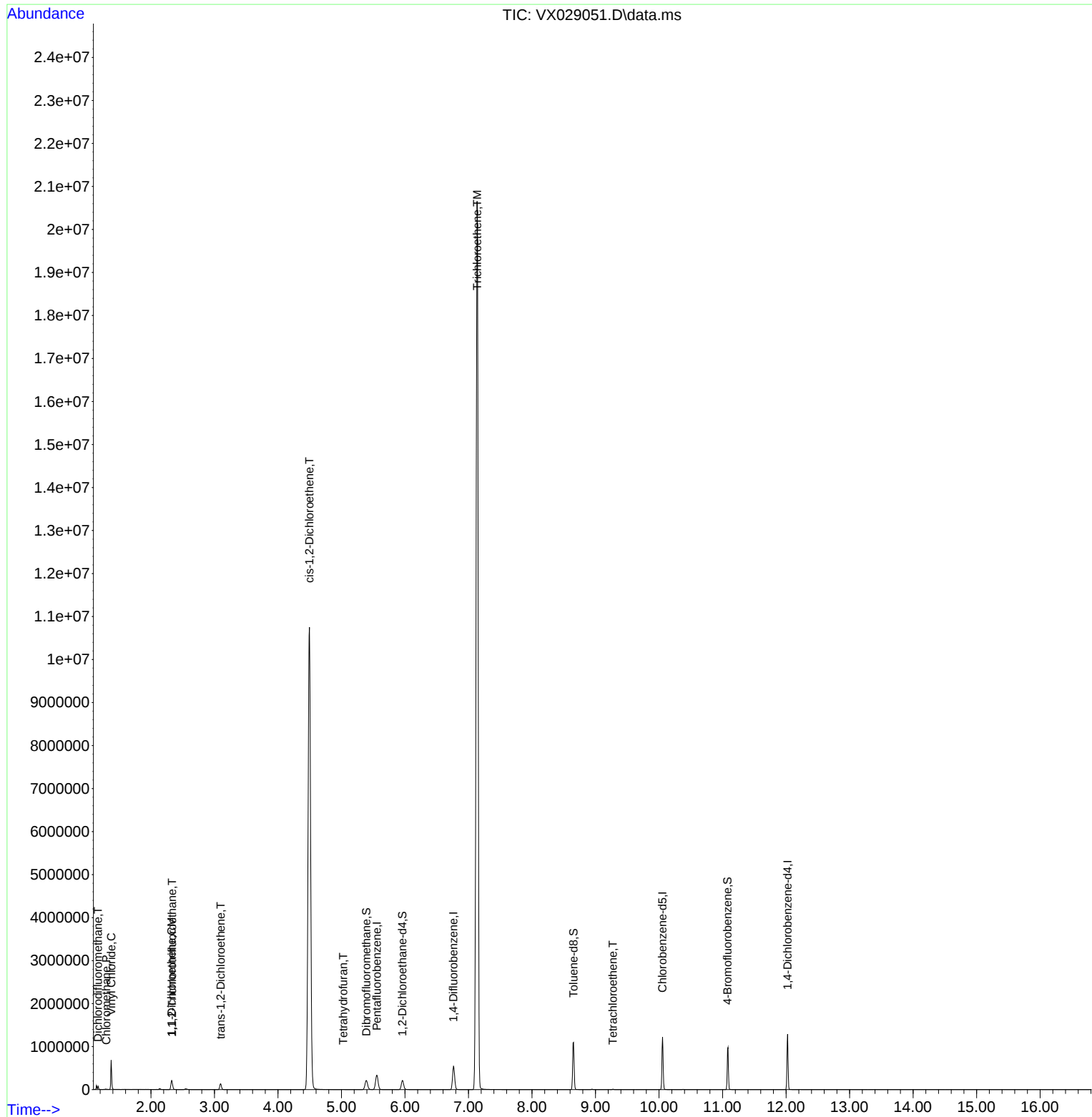
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	35726	8.437	ug/l	99
3) Chloromethane	1.294	50	935	0.234	ug/l	89
4) Vinyl Chloride	1.374	62	401659	93.466	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	42654	11.830	ug/l	99
12) 1,1-Dichloroethene	2.325	96	44350	13.252	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	59415	15.761	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	7395643	1679.705	ug/l	84
29) Tetrahydrofuran	5.025	42	1653	0.852	ug/l	90
44) Trichloroethene	7.135	130	8663915	1954.667	ug/l	97
64) Tetrachloroethene	9.275	164	1917	0.452	ug/l	98

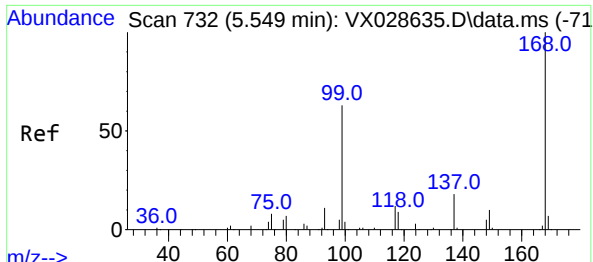
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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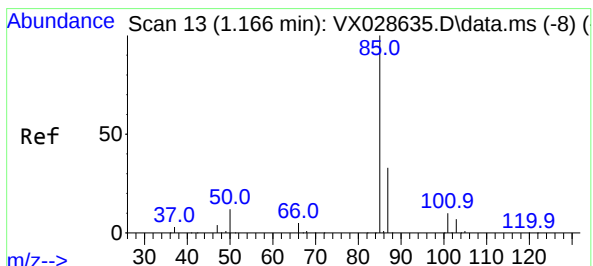
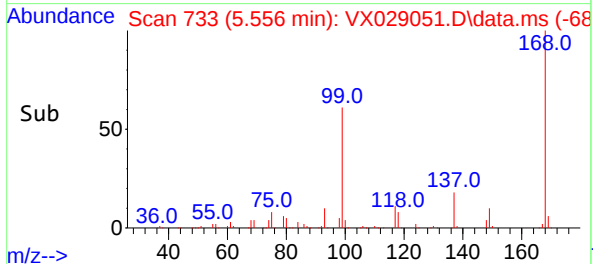
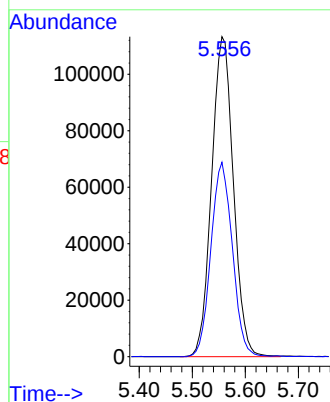
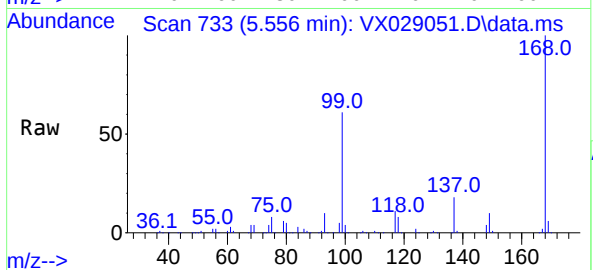




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

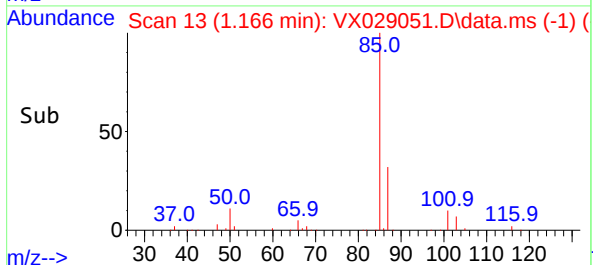
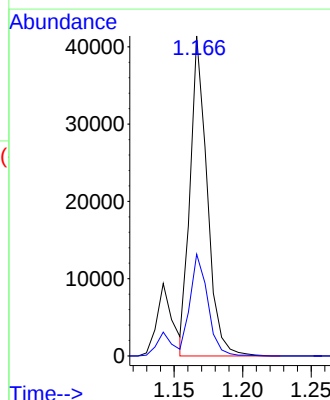
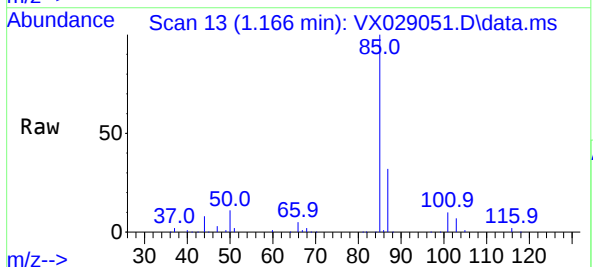
Instrument :
MSVOA_X
ClientSampleId :
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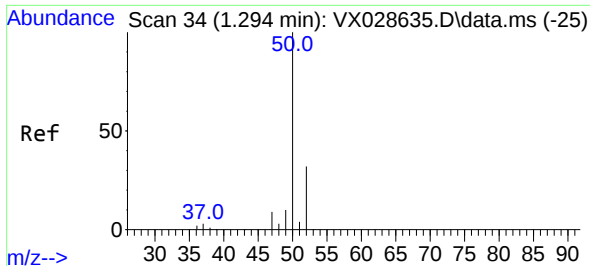
Tgt Ion:168 Resp: 323377
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 8.437 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion: 85 Resp: 35726
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6

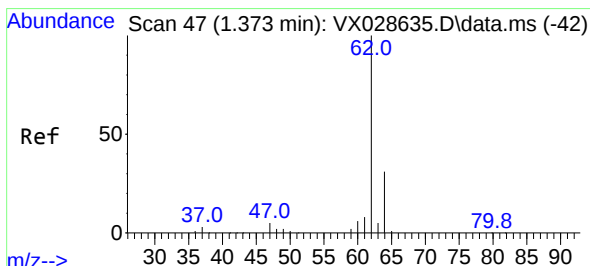
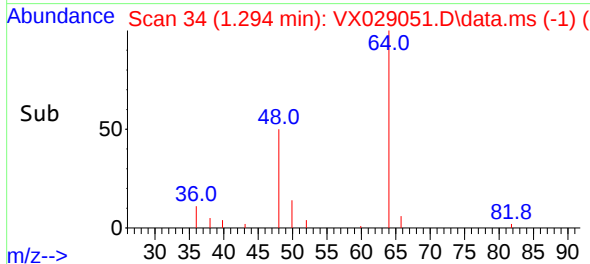
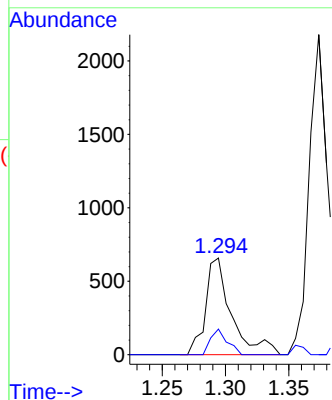
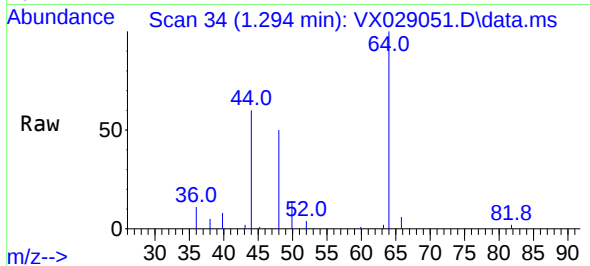




#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

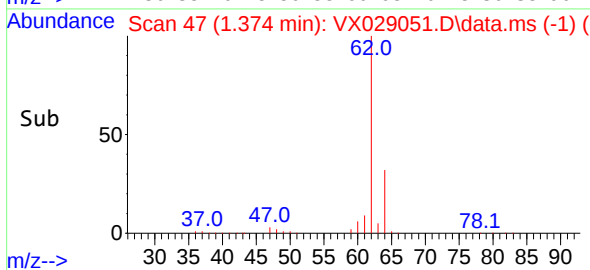
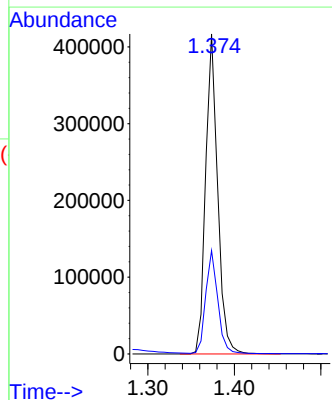
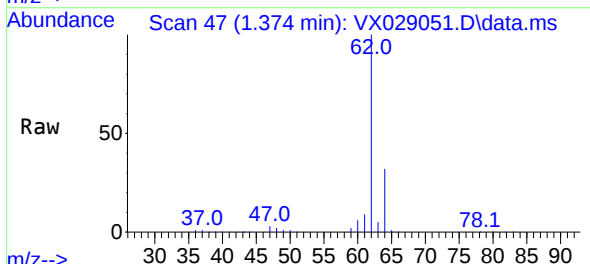
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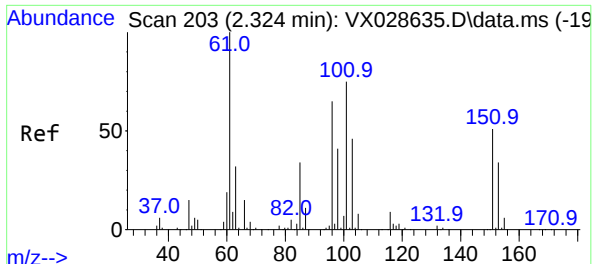
Tgt Ion: 50 Resp: 935
Ion Ratio Lower Upper
50 100
52 26.6 26.4 39.6



#4
Vinyl Chloride
Concen: 93.466 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion: 62 Resp: 401659
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3

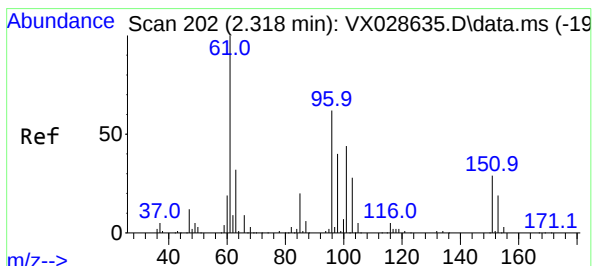
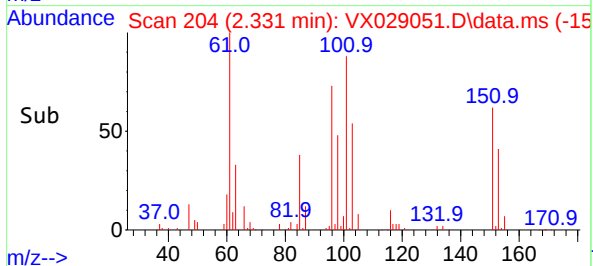
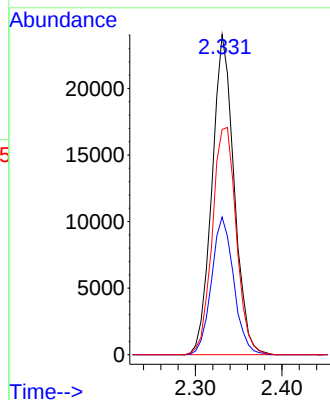
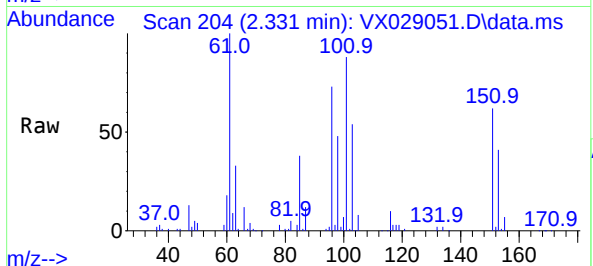




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.830 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

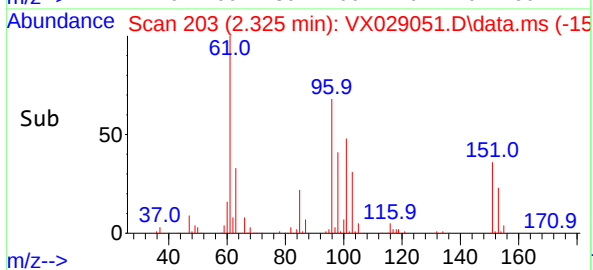
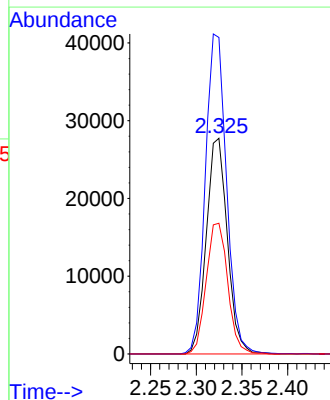
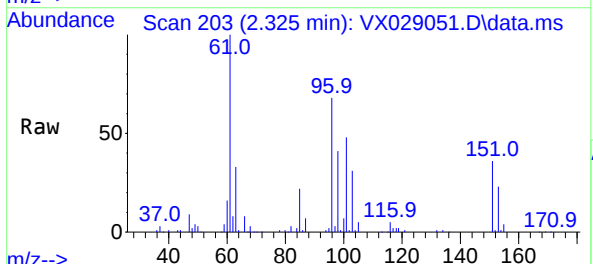
Instrument :
MSVOA_X
ClientSampleId :
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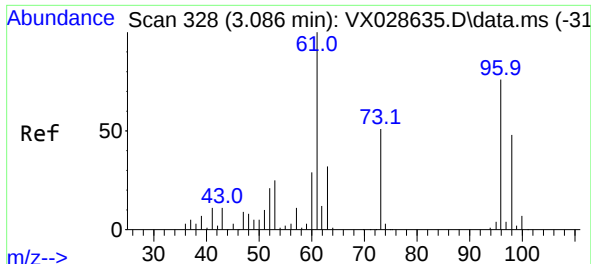
Tgt Ion:101 Resp: 42654
Ion Ratio Lower Upper
101 100
85 43.1 33.5 50.3
151 76.9 61.8 92.6



#12
1,1-Dichloroethene
Concen: 13.252 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion: 96 Resp: 44350
Ion Ratio Lower Upper
96 100
61 146.7 124.6 187.0
98 60.6 51.0 76.4

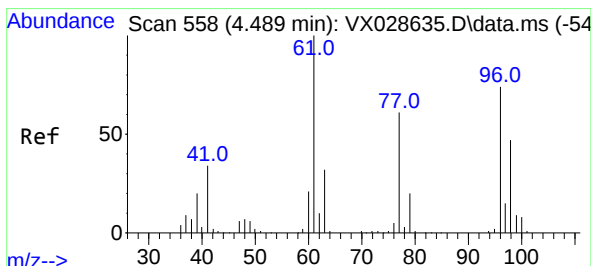
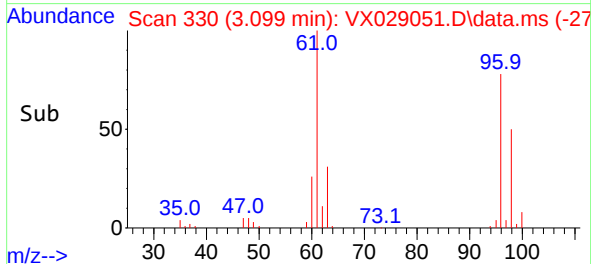
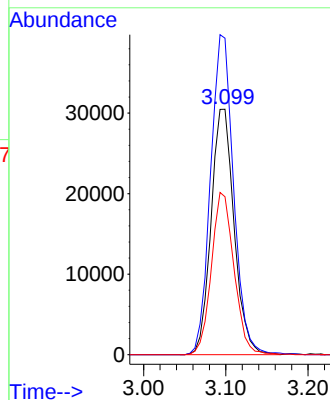
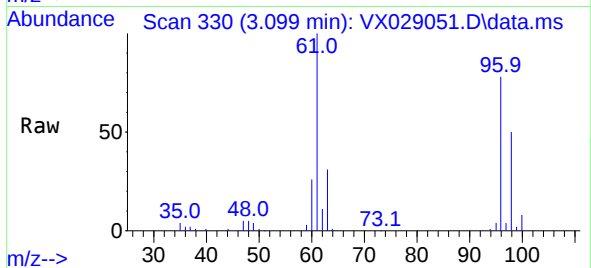




#21
trans-1,2-Dichloroethene
Concen: 15.761 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

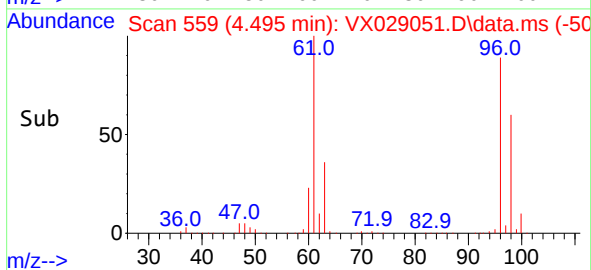
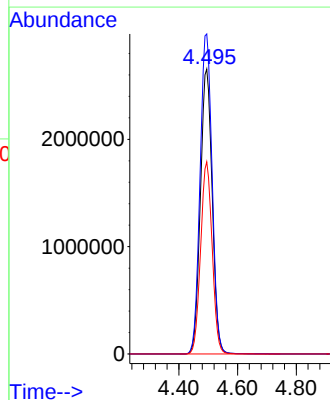
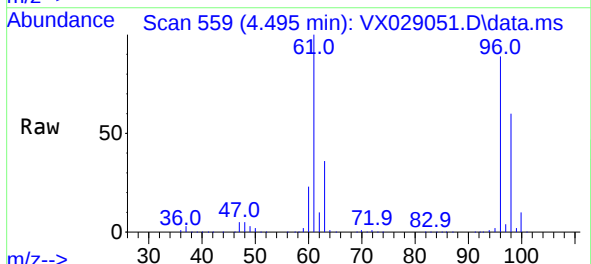
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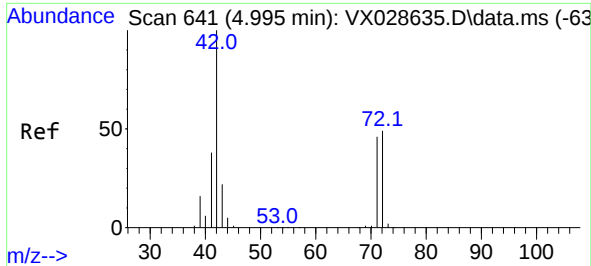
Tgt Ion: 96 Resp: 59415
Ion Ratio Lower Upper
96 100
61 128.9 105.4 158.2
98 64.4 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 1679.705 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion: 96 Resp: 7395643
Ion Ratio Lower Upper
96 100
61 114.8 0.0 283.8
98 66.0 0.0 129.8

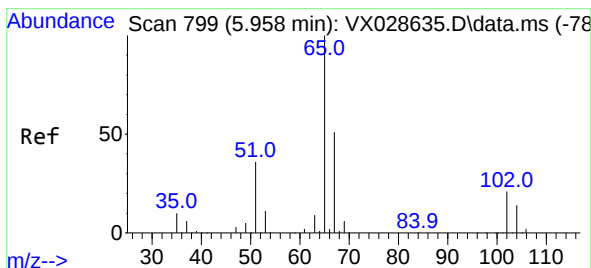
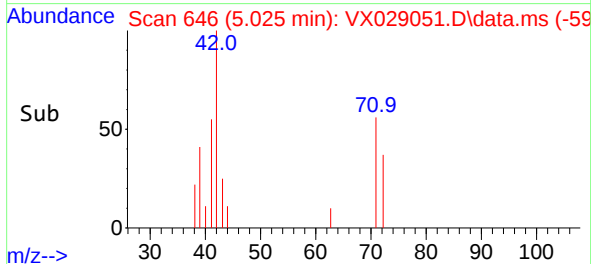
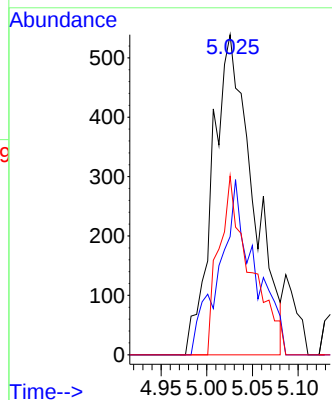
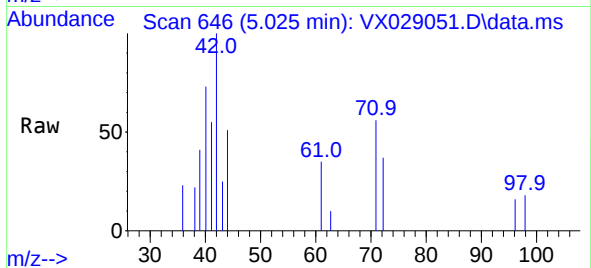




#29
Tetrahydrofuran
Concen: 0.852 ug/l
RT: 5.025 min Scan# 641
Delta R.T. 0.030 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

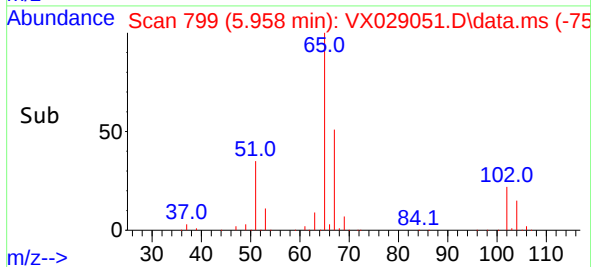
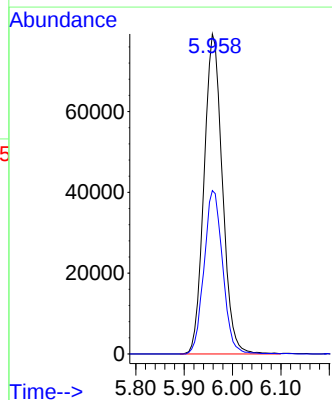
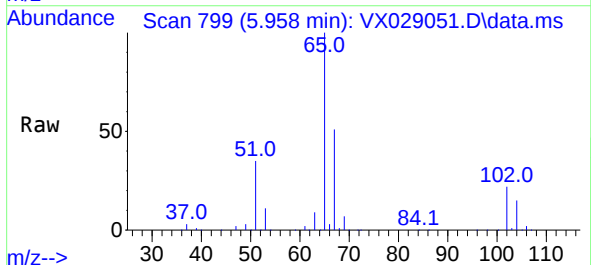
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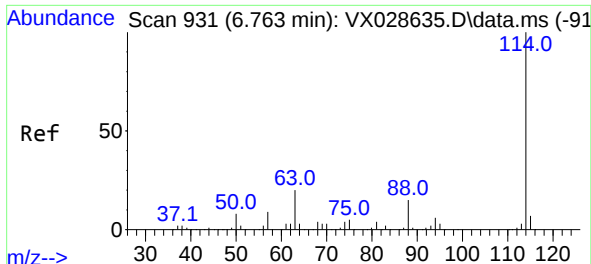
Tgt Ion: 42 Resp: 1653
Ion Ratio Lower Upper
42 100
72 48.0 44.1 66.1
71 43.6 40.5 60.7



#33
1,2-Dichloroethane-d4
Concen: 47.171 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion: 65 Resp: 209099
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

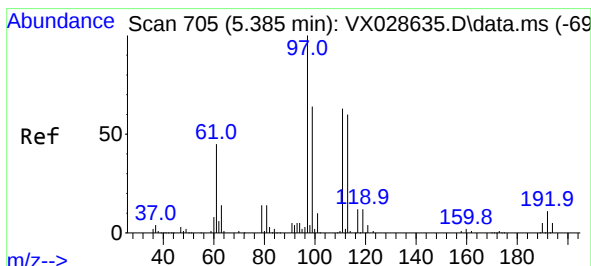
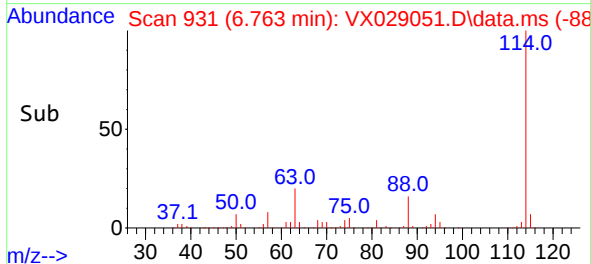
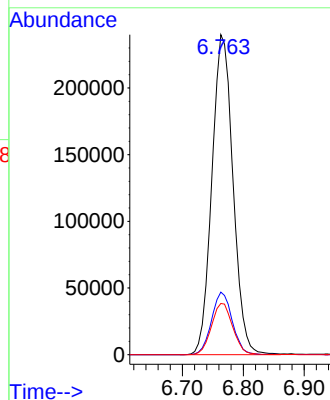
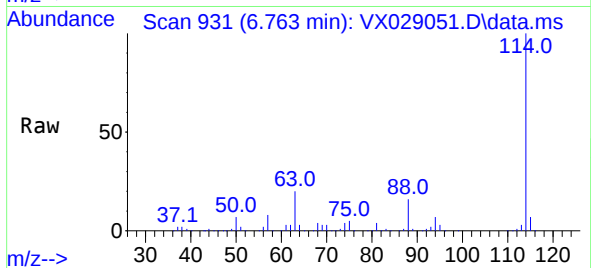




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

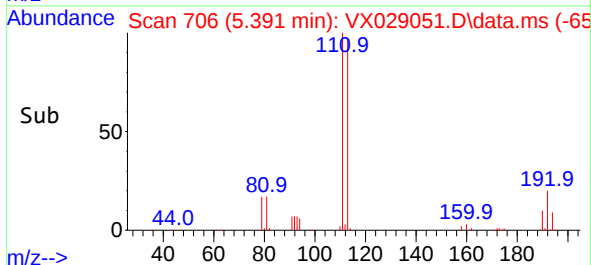
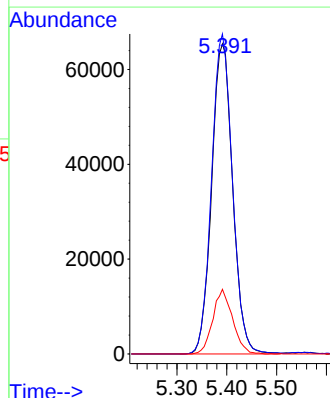
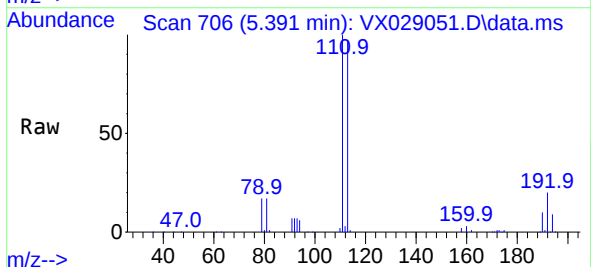
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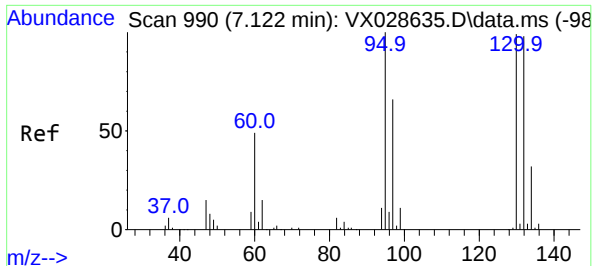
Tgt Ion:114 Resp: 577867
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.577 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion:113 Resp: 191490
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.6 16.9 25.3

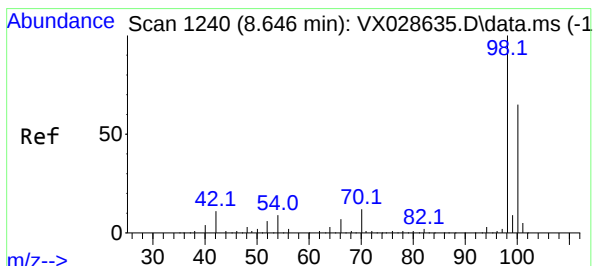
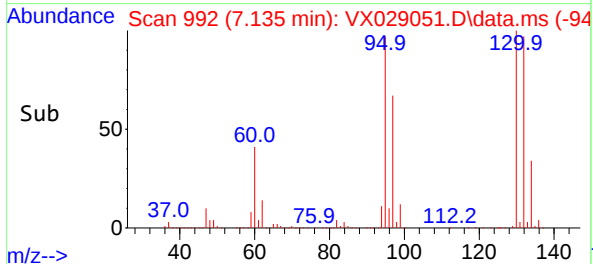
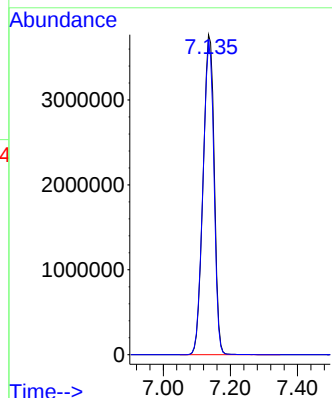
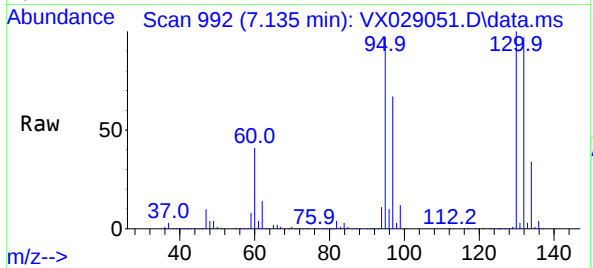




#44
Trichloroethene
Concen: 1954.667 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.013 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

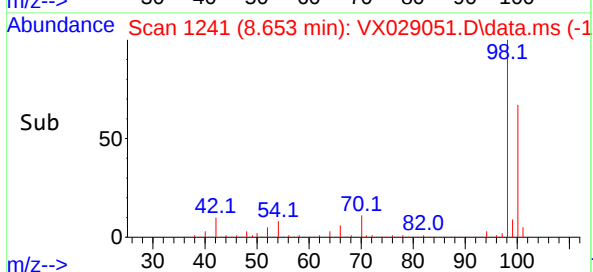
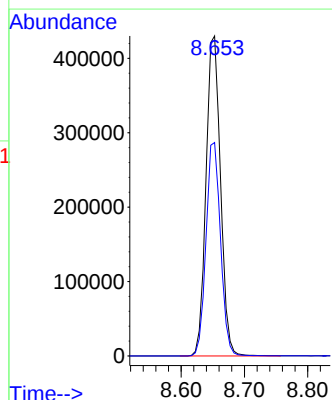
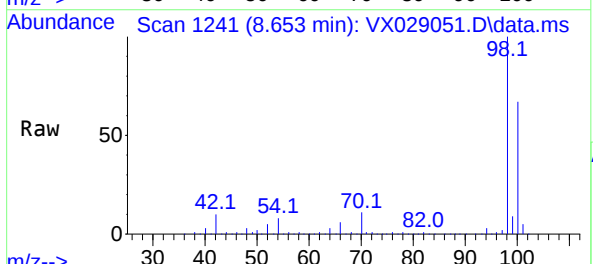
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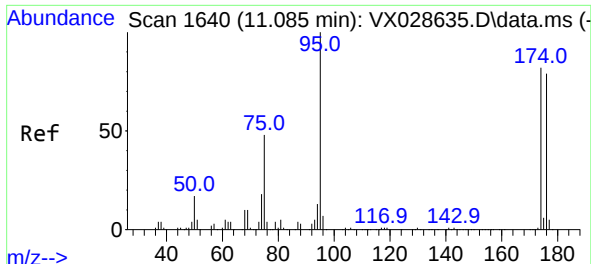
Tgt Ion:130 Resp: 8663915
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.8



#50
Toluene-d8
Concen: 48.140 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion: 98 Resp: 687160
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

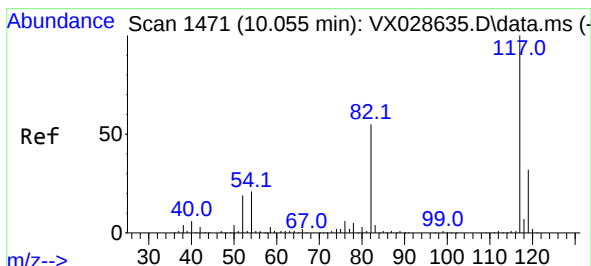
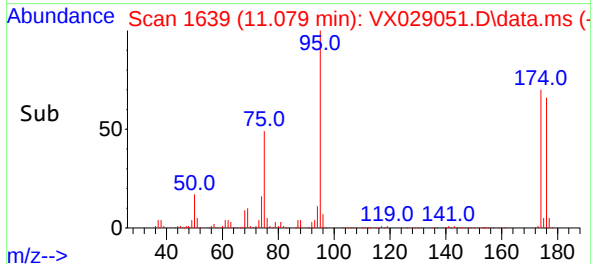
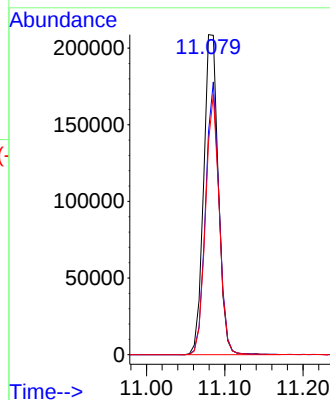
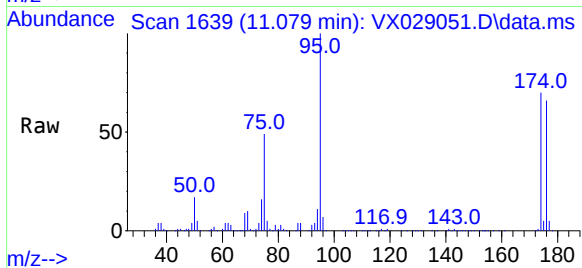




#62
4-Bromofluorobenzene
Concen: 50.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

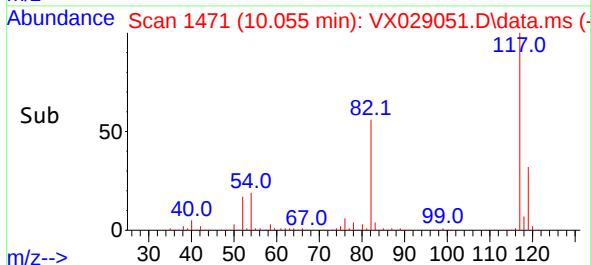
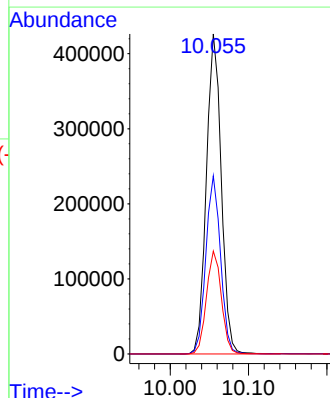
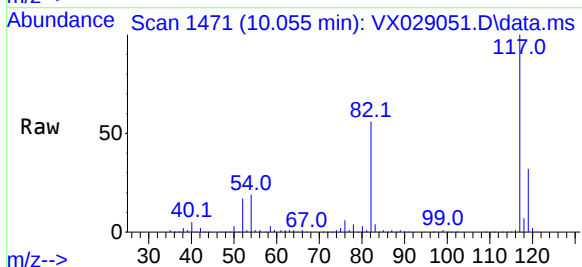
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

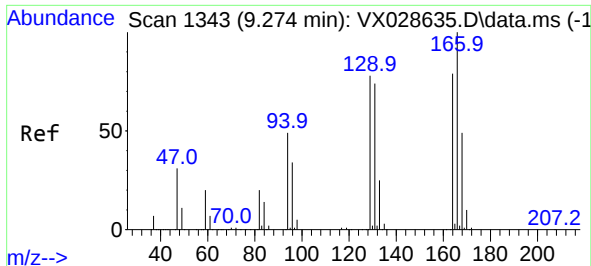
Tgt Ion: 95 Resp: 271886
Ion Ratio Lower Upper
95 100
174 79.1 0.0 163.0
176 75.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion: 117 Resp: 561797
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.2 24.8 37.2



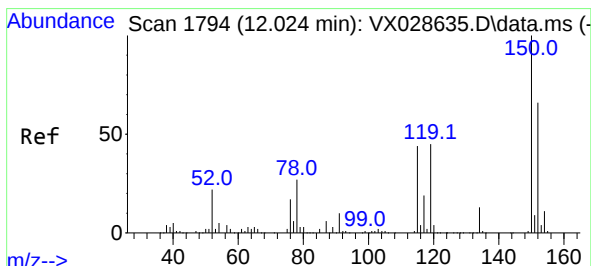
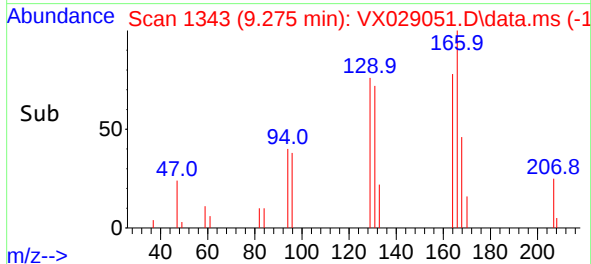
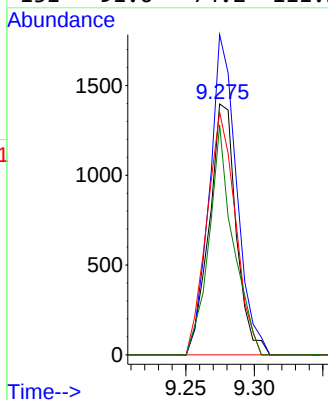
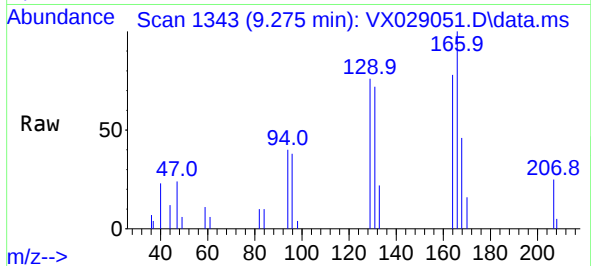


#64
Tetrachloroethene
Concen: 0.452 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029051.D
Acq: 28 May 2022 02:52

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion:164 Resp: 1917

Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.2	151.8
129	96.7	73.0	109.4
131	91.6	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: VX029051.D
Acq: 28 May 2022 02:52

Tgt Ion:152 Resp: 266661

Ion	Ratio	Lower	Upper
152	100		
115	61.1	37.5	112.7
150	157.7	0.0	338.2

