

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025883.D
 Acq On : 17 Dec 2021 14:18
 Operator : JC/MD
 Sample : M5137-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-G-115-140-121621-FD

Quant Time: Dec 19 02:28:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

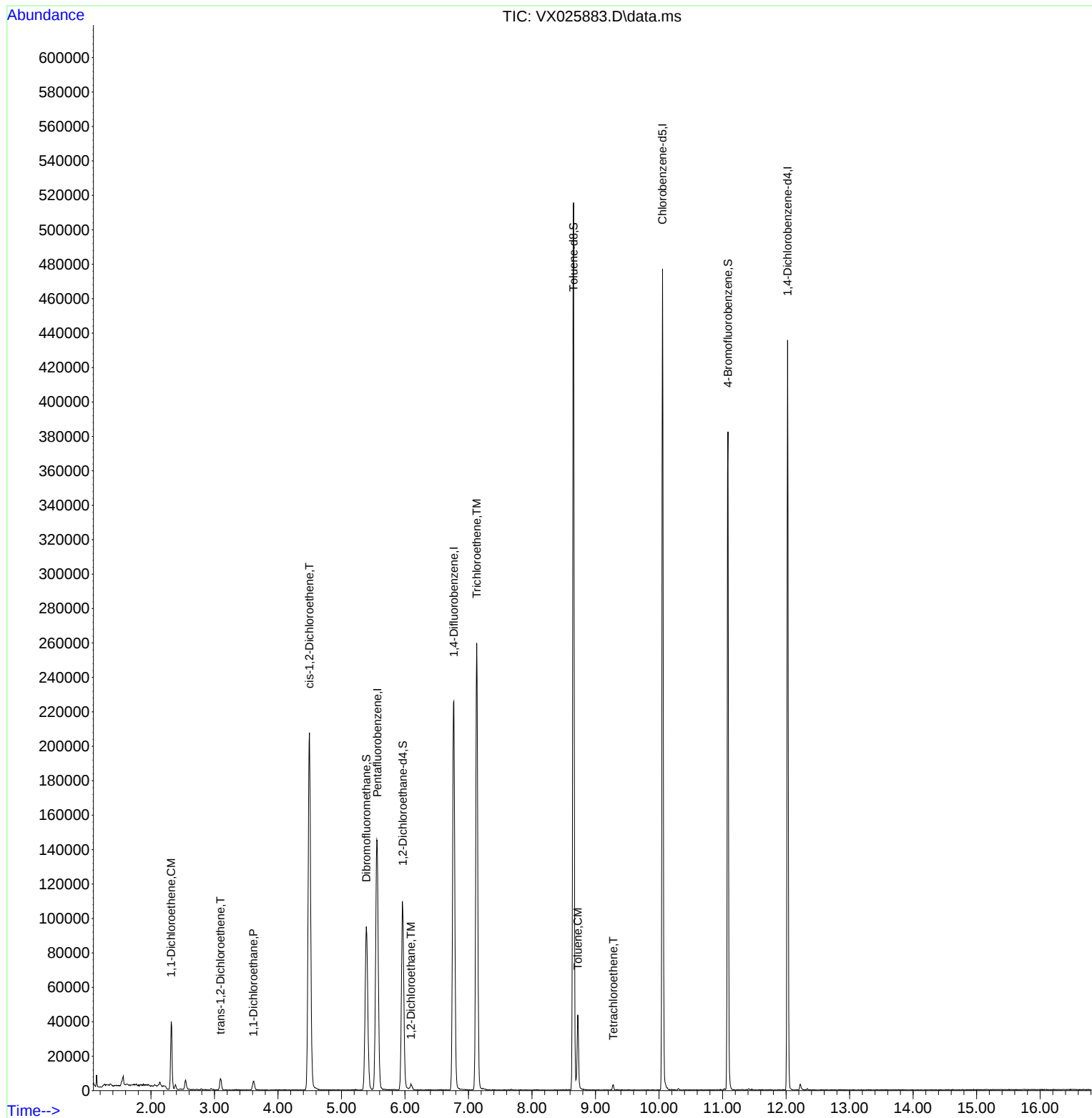
Internal Standards						
1) Pentafluorobenzene	5.562	168	133597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100951	52.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.040%
35) Dibromofluoromethane	5.391	113	81587	49.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	8.653	98	299565	49.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.840%
62) 4-Bromofluorobenzene	11.085	95	102950	45.159	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.320%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	12417	8.780	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	2460	1.559	ug/l	87
24) 1,1-Dichloroethane	3.611	63	5413	1.893	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	131782	70.414	ug/l	91
42) 1,2-Dichloroethane	6.092	62	3016	1.191	ug/l	90
44) Trichloroethene	7.129	130	98567	53.135	ug/l	92
52) Toluene	8.720	92	15640	3.684	ug/l	94
64) Tetrachloroethene	9.281	164	594	0.349	ug/l	85

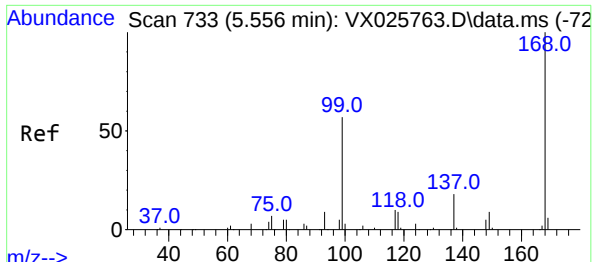
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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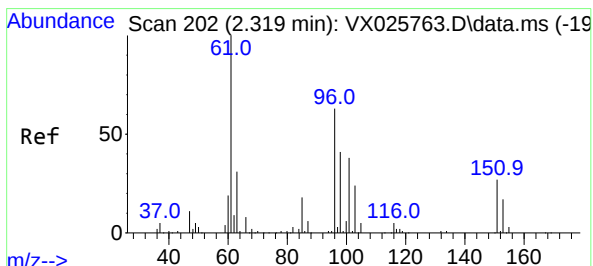
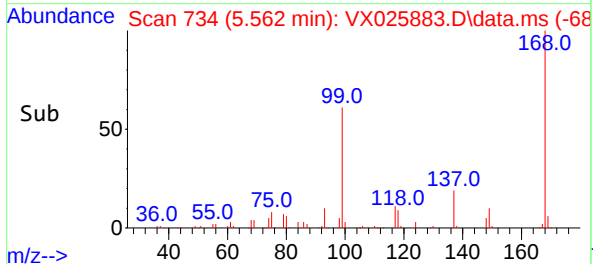
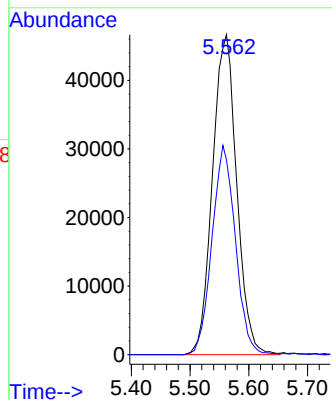
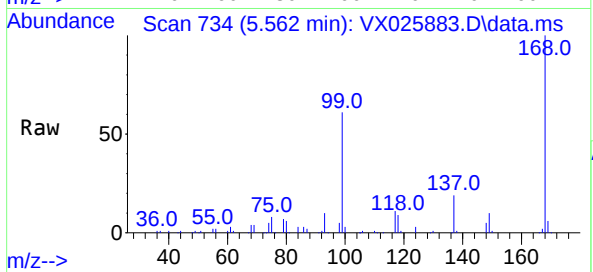




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

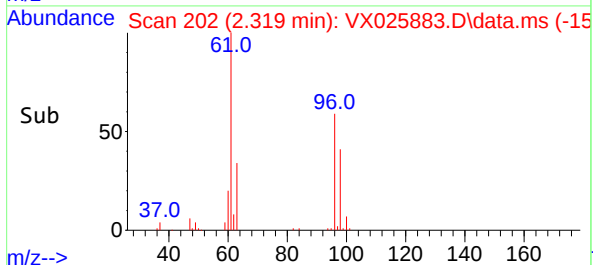
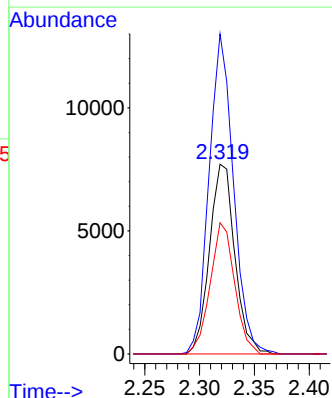
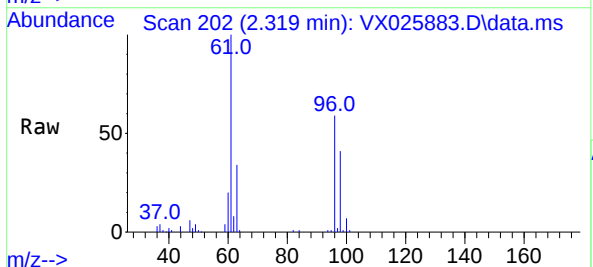
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-115-140-121621-FD

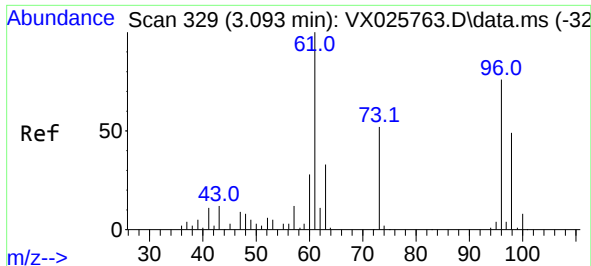
Tgt Ion:168 Resp: 133597
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.8



#12
1,1-Dichloroethene
Concen: 8.780 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Tgt Ion: 96 Resp: 12417
Ion Ratio Lower Upper
96 100
61 168.6 127.5 191.3
98 69.1 52.0 78.0

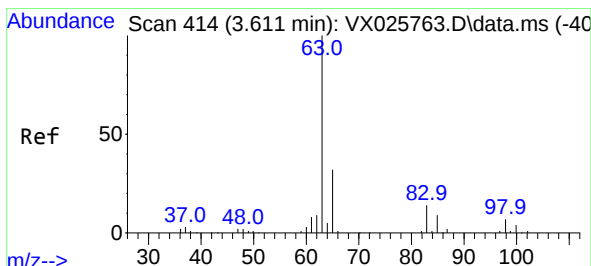
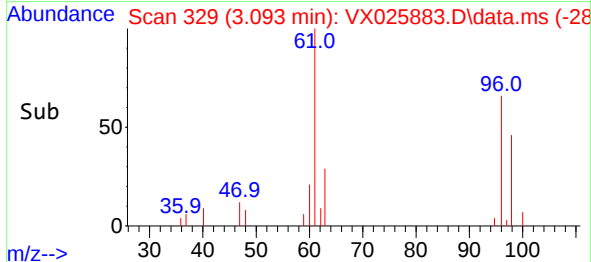
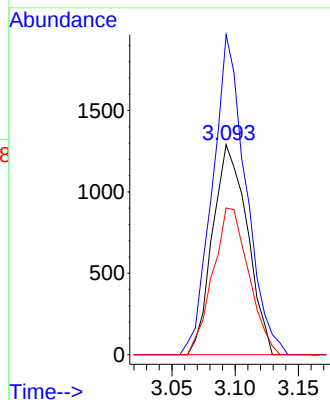
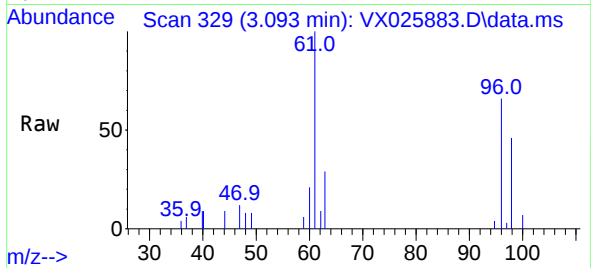




#21
trans-1,2-Dichloroethene
Concen: 1.559 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

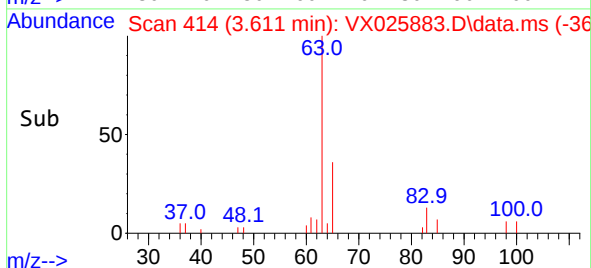
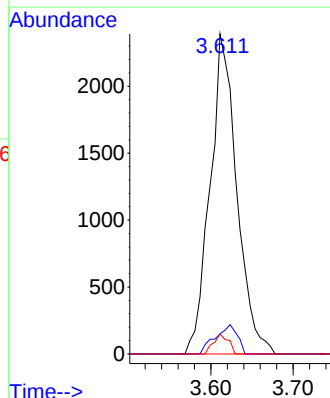
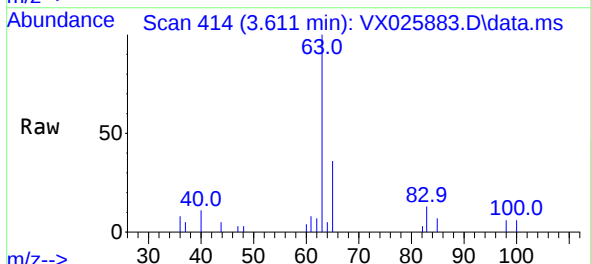
Instrument :
MSVOA_X
ClientSampleId :
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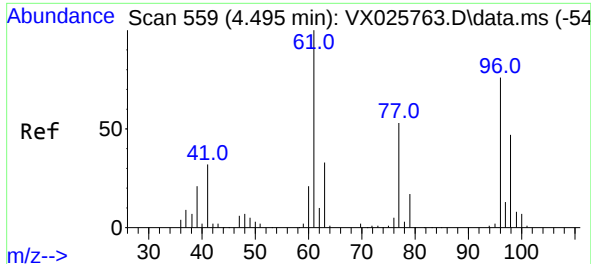
Tgt Ion: 96 Resp: 2460
Ion Ratio Lower Upper
96 100
61 152.3 105.7 158.5
98 69.8 52.1 78.1



#24
1,1-Dichloroethane
Concen: 1.893 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Tgt Ion: 63 Resp: 5413
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.9
100 6.3 2.2 6.6

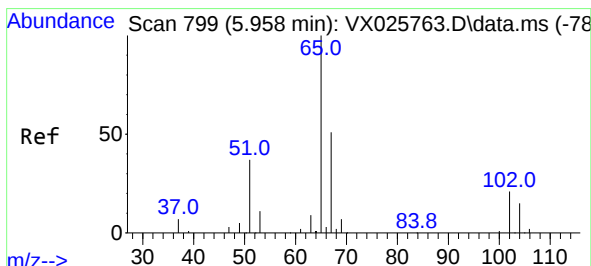
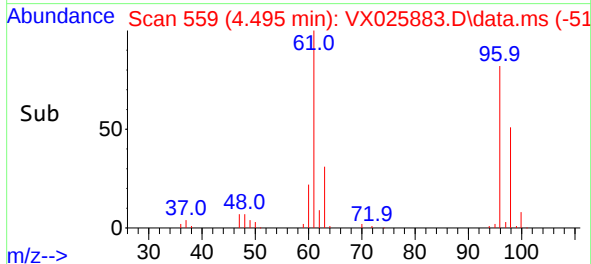
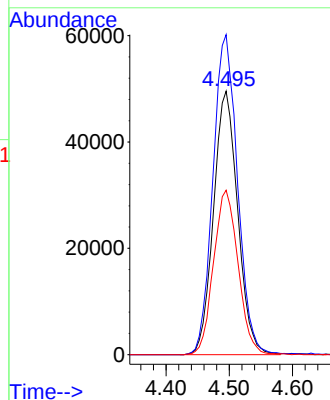
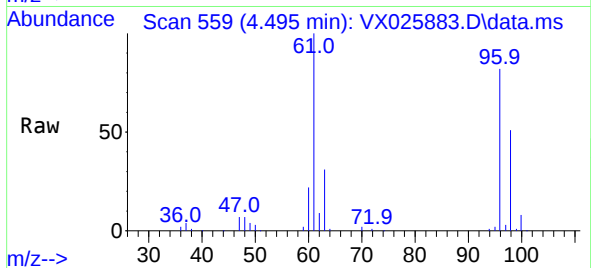




#27
cis-1,2-Dichloroethene
Concen: 70.414 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

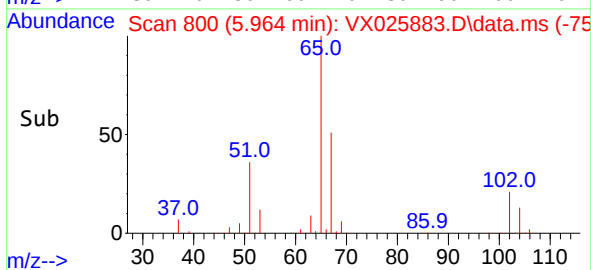
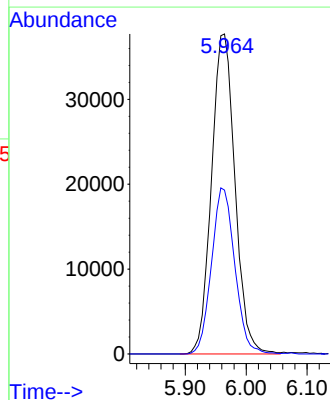
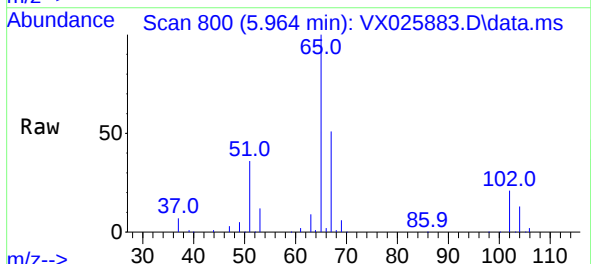
Instrument :
MSVOA_X
ClientSampleId :
GWR3D-G-115-140-121621-FD

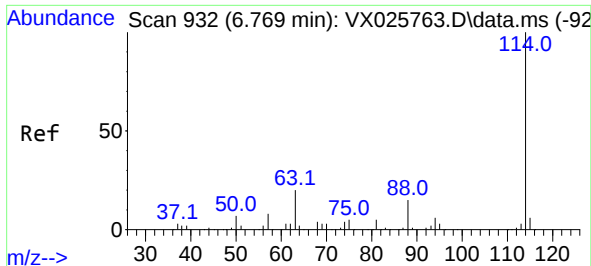
Tgt Ion: 96 Resp: 131782
Ion Ratio Lower Upper
96 100
61 123.4 0.0 276.8
98 63.3 0.0 130.6



#33
1,2-Dichloroethane-d4
Concen: 52.518 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Tgt Ion: 65 Resp: 100951
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

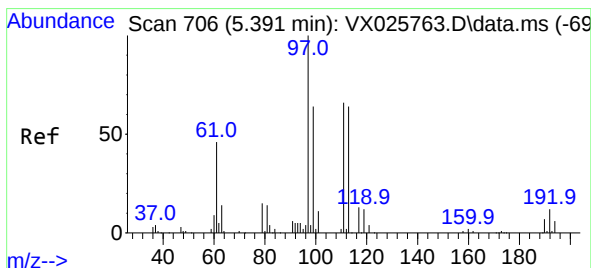
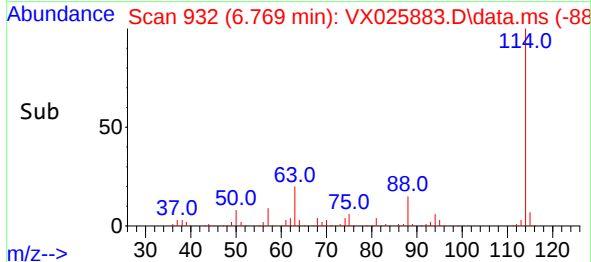
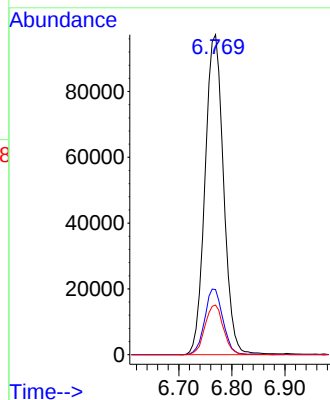
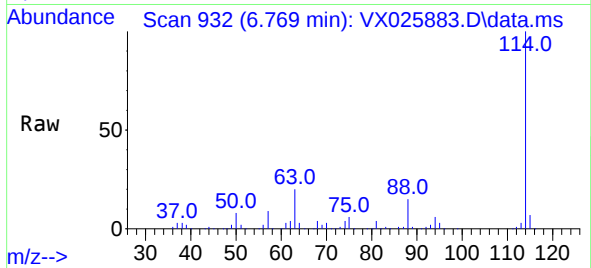




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

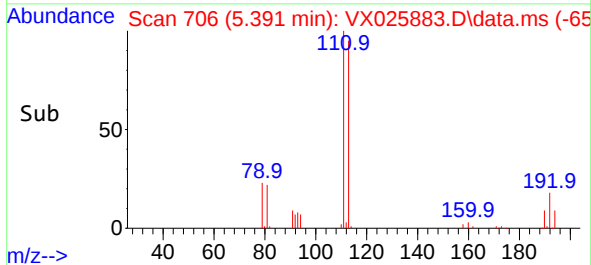
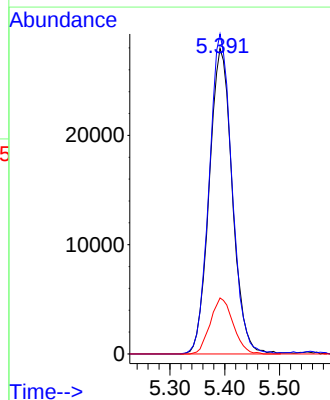
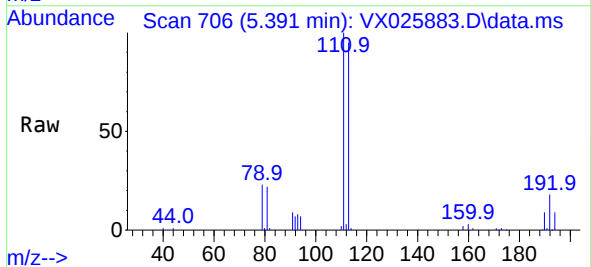
Instrument :
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ClientSampleId :
GWBR3D-G-115-140-121621-FD

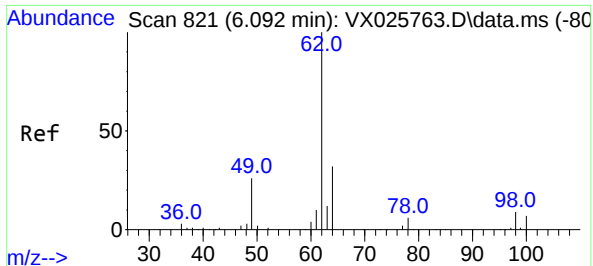
Tgt Ion:114 Resp: 236179
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.533 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Tgt Ion:113 Resp: 81587
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 18.1 15.0 22.4

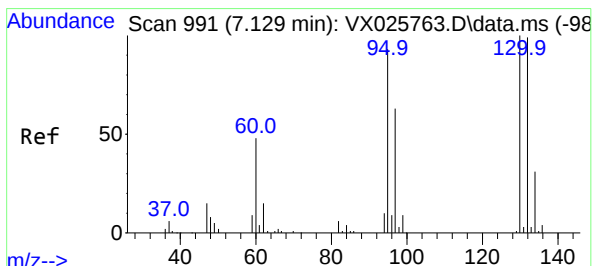
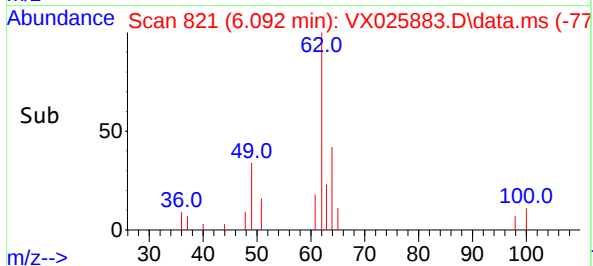
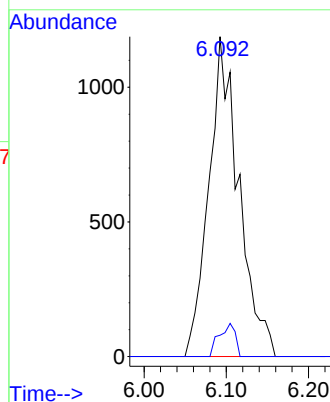
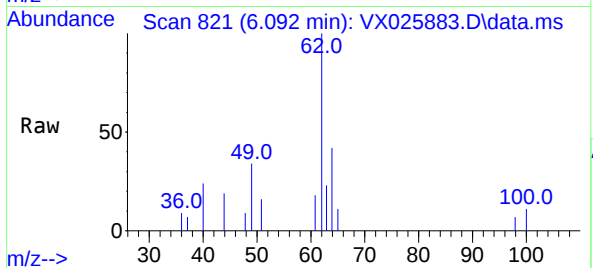




#42
1,2-Dichloroethane
Concen: 1.191 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

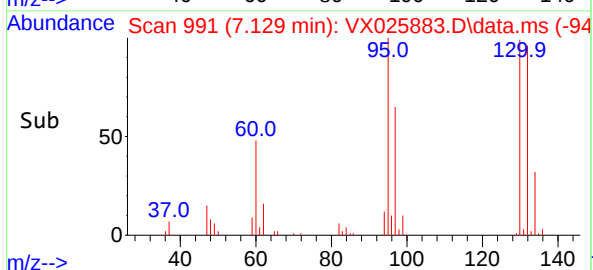
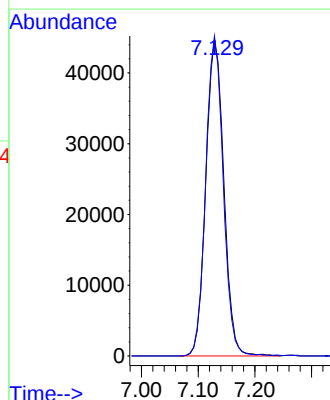
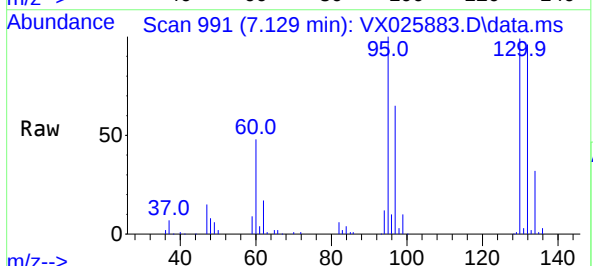
Instrument : MSVOA_X
ClientSampleId : GWBR3D-G-115-140-121621-FD

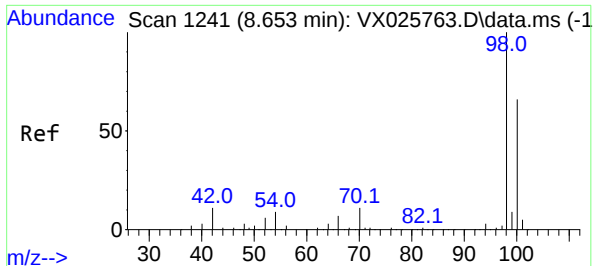
Tgt Ion: 62 Resp: 3016
Ion Ratio Lower Upper
62 100
98 5.6 0.0 18.8



#44
Trichloroethene
Concen: 53.135 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Tgt Ion:130 Resp: 98567
Ion Ratio Lower Upper
130 100
95 101.1 0.0 186.4

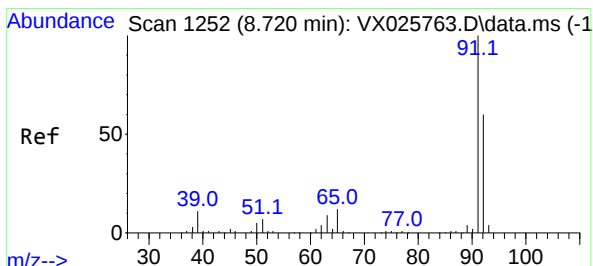
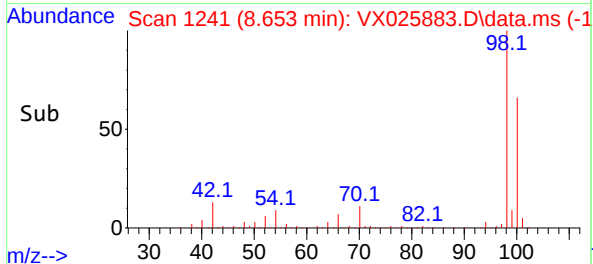
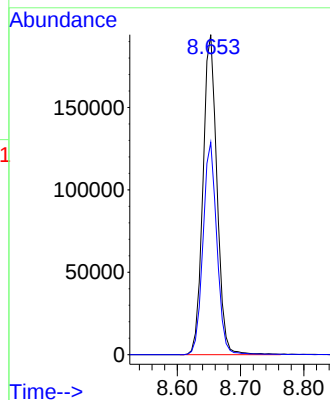
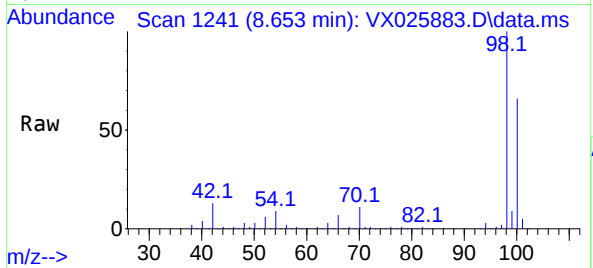




#50
Toluene-d8
Concen: 49.916 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

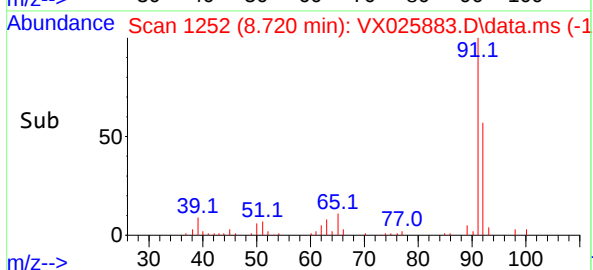
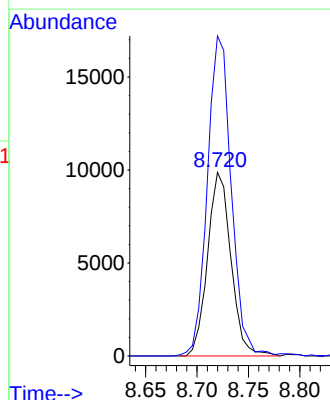
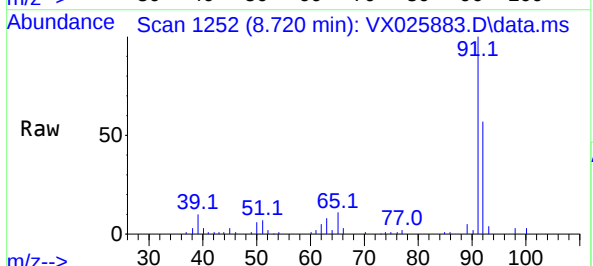
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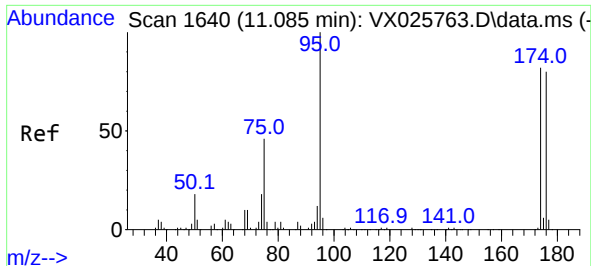
Tgt Ion: 98 Resp: 299565
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#52
Toluene
Concen: 3.684 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Tgt Ion: 92 Resp: 15640
Ion Ratio Lower Upper
92 100
91 178.5 136.0 204.0

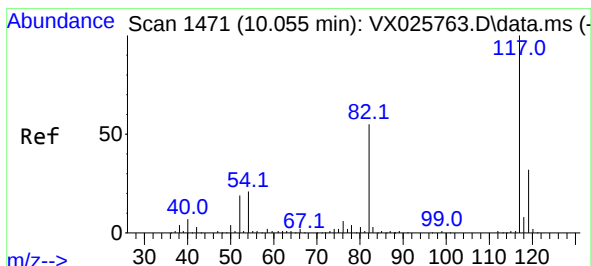
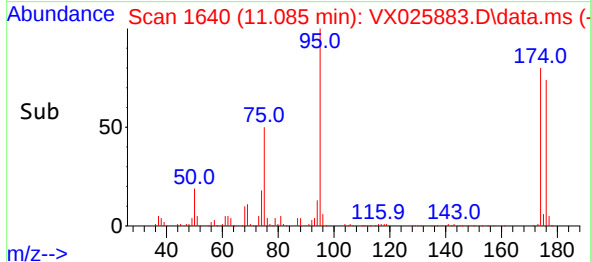
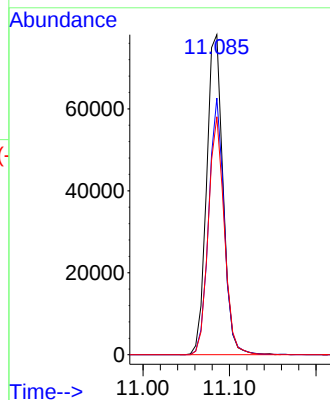
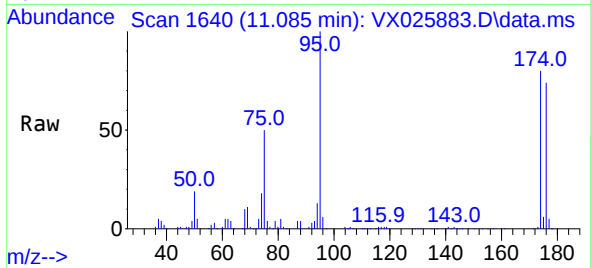




#62
4-Bromofluorobenzene
Concen: 45.159 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

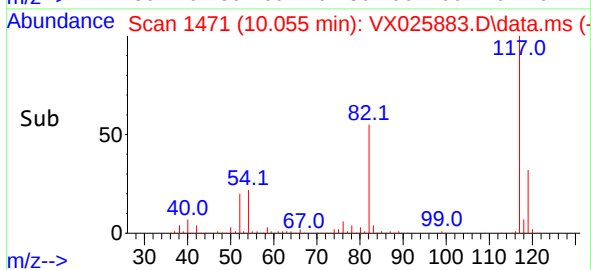
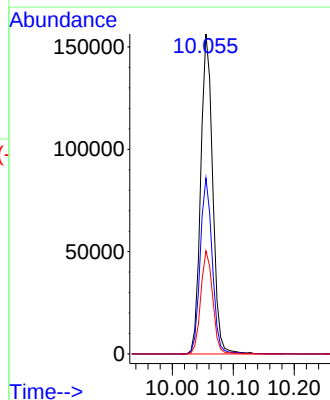
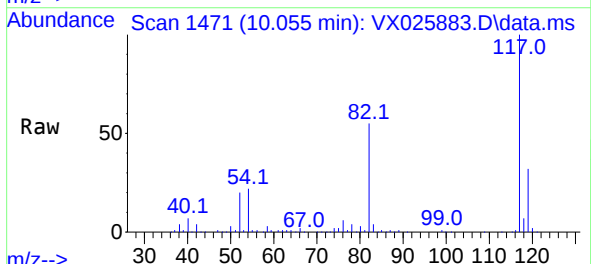
Instrument :
MSVOA_X
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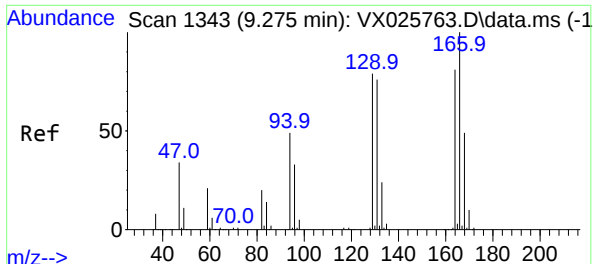
Tgt Ion: 95 Resp: 102950
Ion Ratio Lower Upper
95 100
174 75.3 0.0 157.4
176 72.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Tgt Ion: 117 Resp: 213440
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.6
119 32.2 25.2 37.8



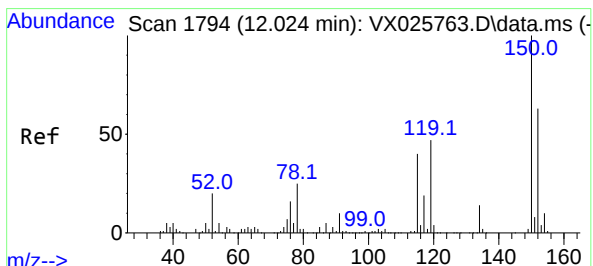
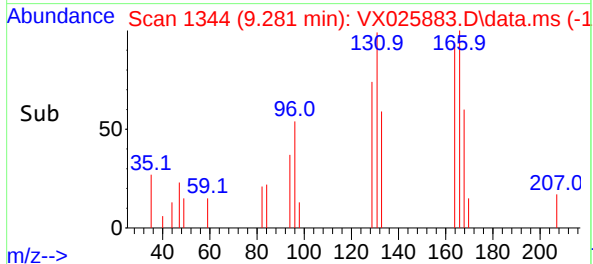
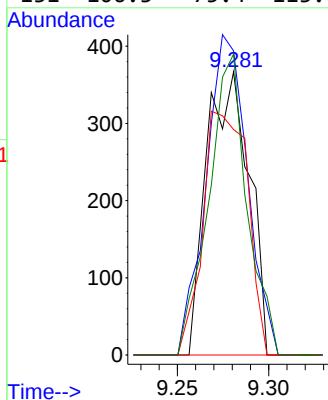
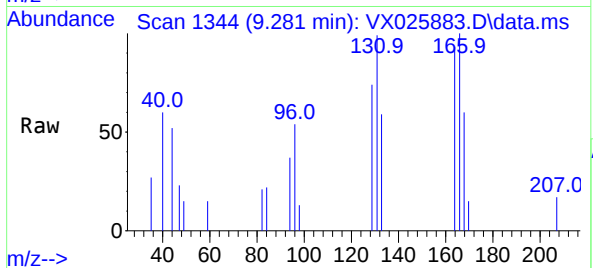


#64
Tetrachloroethene
Concen: 0.349 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-115-140-121621-FD

Tgt Ion:164 Resp: 594

Ion	Ratio	Lower	Upper
164	100		
166	107.4	99.4	149.0
129	79.6	78.6	118.0
131	106.3	75.4	113.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025883.D
Acq: 17 Dec 2021 14:18

Tgt Ion:152 Resp: 87725

Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.3	123.9
150	156.9	0.0	351.8

