

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021307.D
 Acq On : 19 Mar 2021 17:13
 Operator : JC/MD
 Sample : M1734-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-240-250-031821

Quant Time: Mar 20 06:34:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

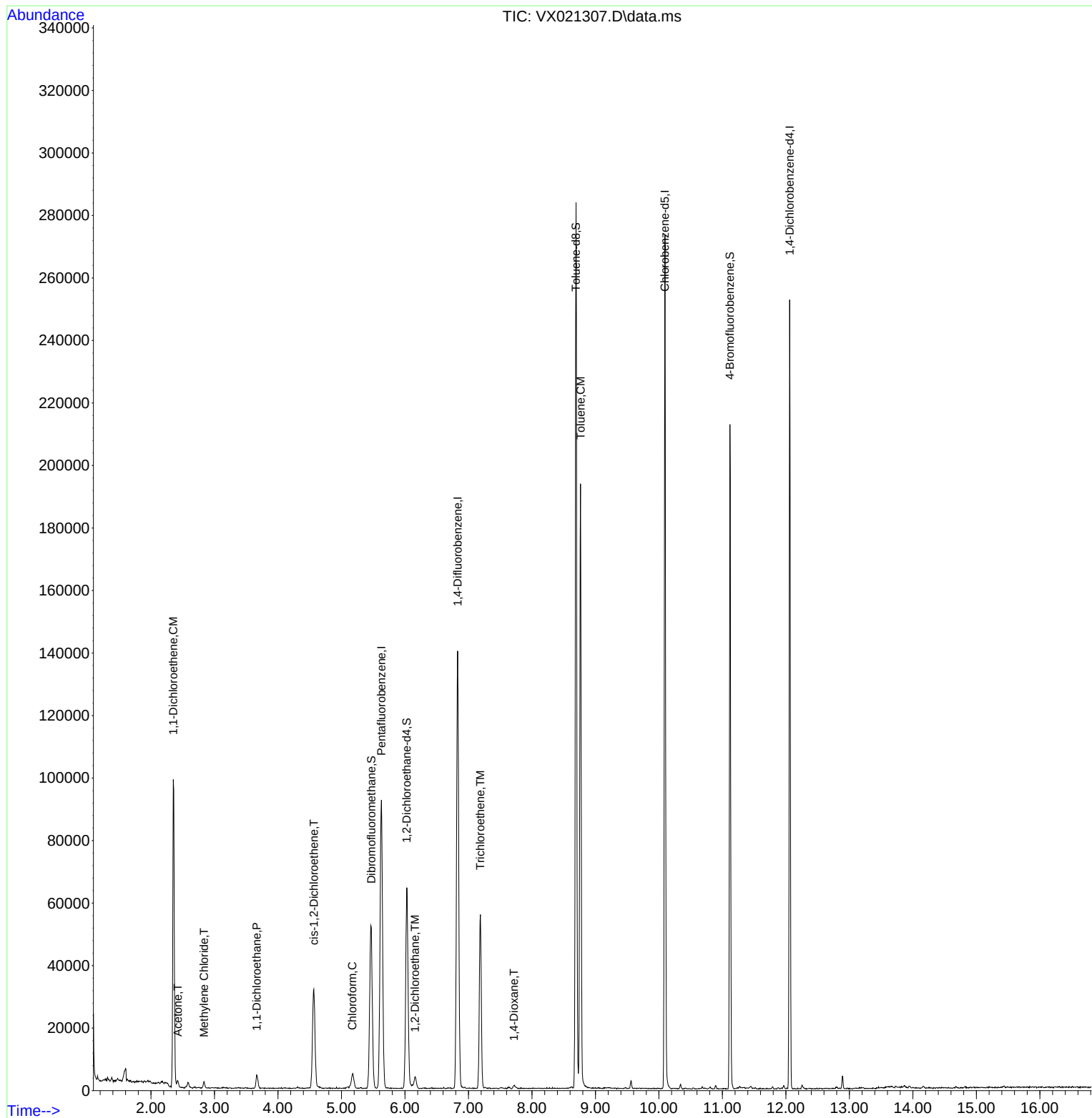
Internal Standards						
1) Pentafluorobenzene	5.629	168	78349	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	128839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61884	48.16	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.32%
35) Dibromofluoromethane	5.470	113	43567	49.69	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.38%
50) Toluene-d8	8.694	98	155214	48.79	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.58%
62) 4-Bromofluorobenzene	11.118	95	54471	44.09	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.18%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.352	96	30164	37.76	ug/l	86
16) Acetone	2.423	43	2609	5.52	ug/l	90
20) Methylene Chloride	2.835	84	772	0.79	ug/l	# 70
24) 1,1-Dichloroethane	3.664	63	4528	2.65	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	18944	18.49	ug/l	98
30) Chloroform	5.170	83	5320	2.99	ug/l	99
42) 1,2-Dichloroethane	6.159	62	3776	2.45	ug/l	94
44) Trichloroethene	7.188	130	19416	20.43	ug/l	93
49) 1,4-Dioxane	7.718	88	649	18.13	ug/l	# 74
52) Toluene	8.765	92	68541	30.98	ug/l	97

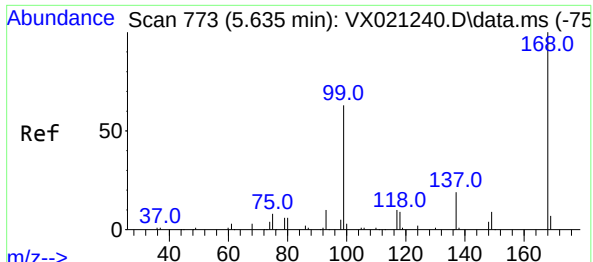
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

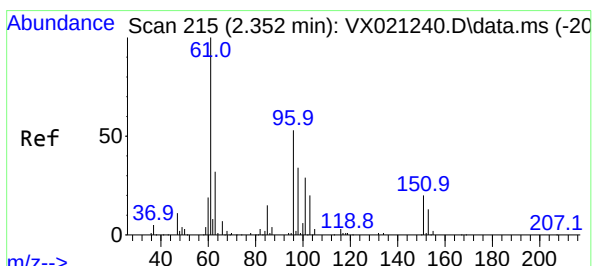
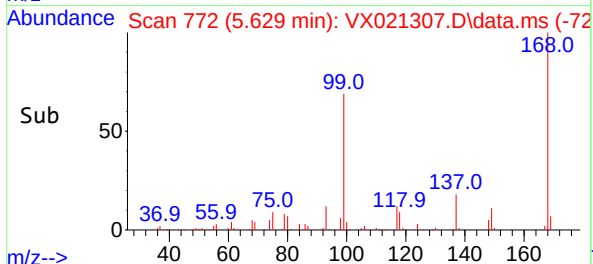
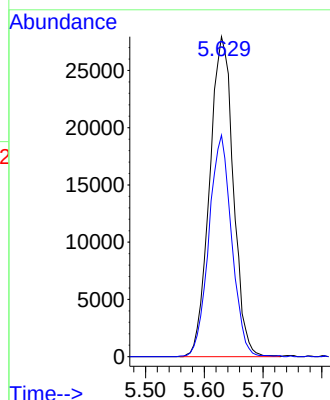
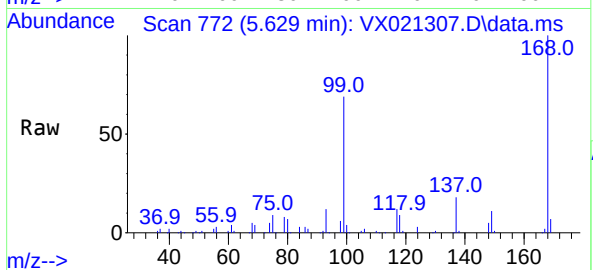




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

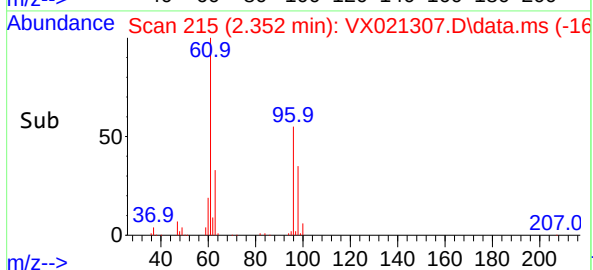
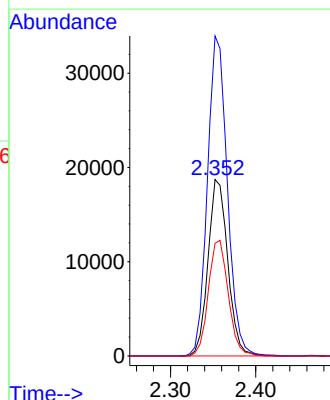
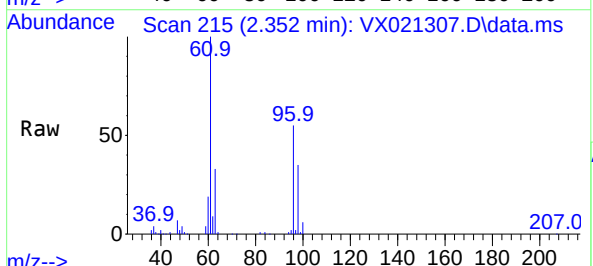
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-240-250-031821

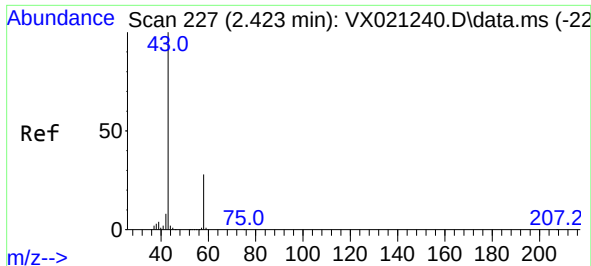
Tgt Ion:168 Resp: 78349
Ion Ratio Lower Upper
168 100
99 69.0 45.8 68.6#



#12
1,1-Dichloroethene
Concen: 37.76 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Tgt Ion: 96 Resp: 30164
Ion Ratio Lower Upper
96 100
61 181.3 124.6 187.0
98 63.8 50.6 76.0

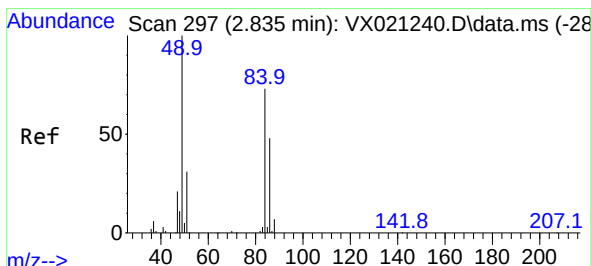
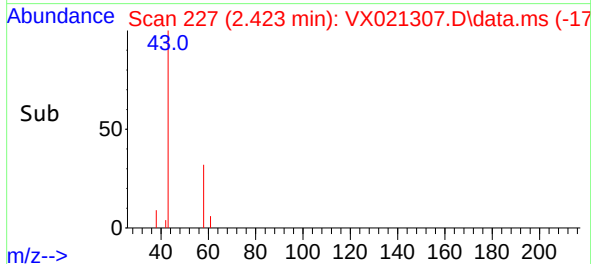
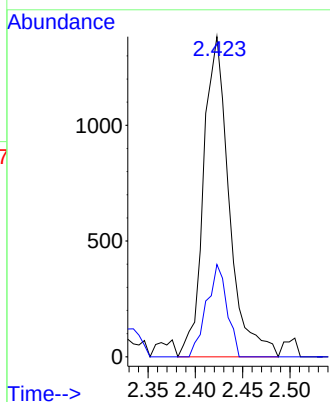
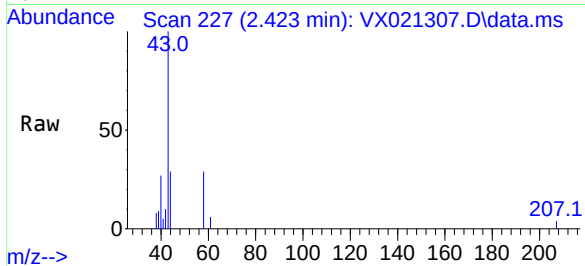




#16
Acetone
Concen: 5.52 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

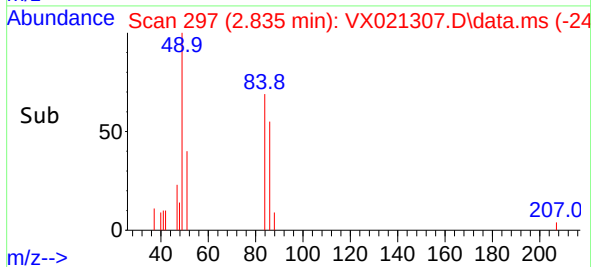
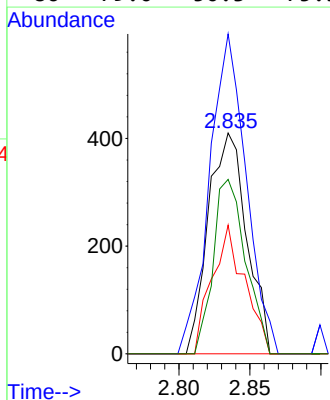
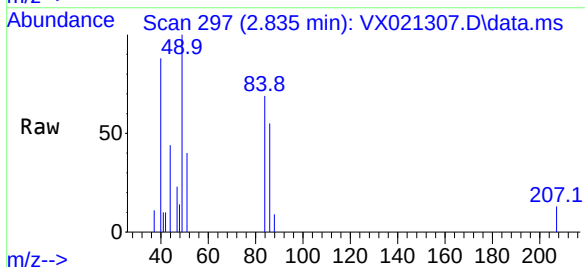
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-240-250-031821

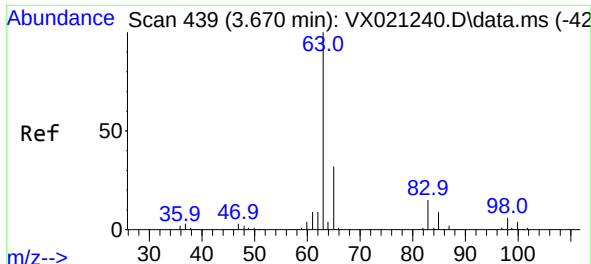
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.79 ug/l
RT: 2.835 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Tgt Ion: 84 Resp: 772
Ion Ratio Lower Upper
84 100
49 144.9 88.6 132.8#
51 58.3 27.0 40.6#
86 79.0 50.3 75.5#

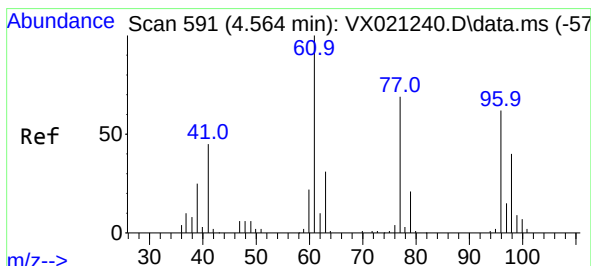
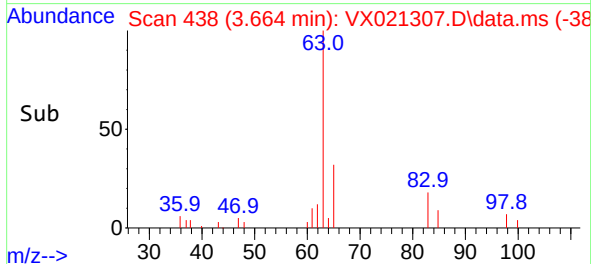
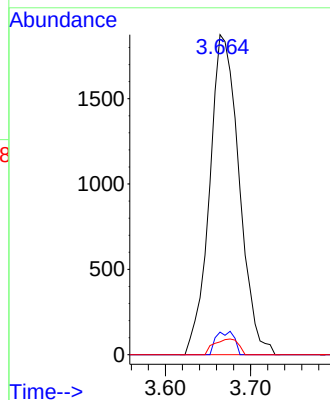
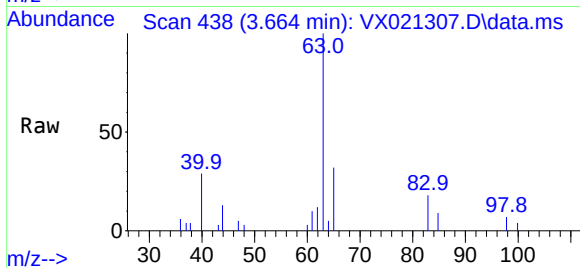




#24
1,1-Dichloroethane
Concen: 2.65 ug/l
RT: 3.664 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

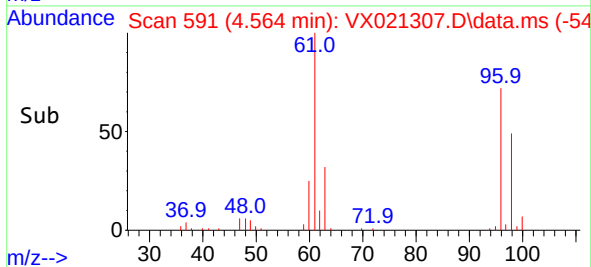
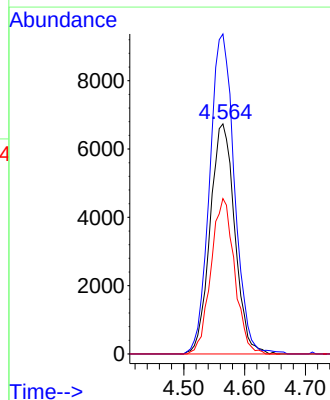
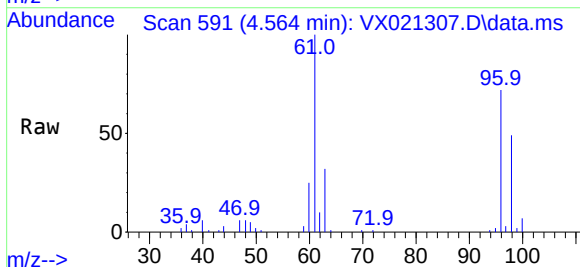
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-240-250-031821

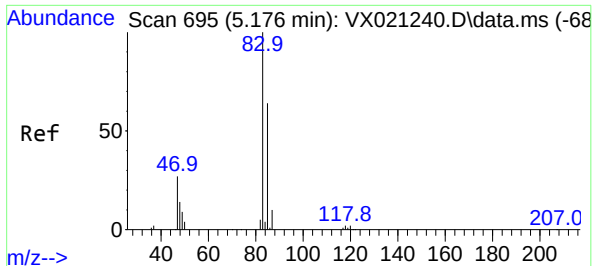
Tgt Ion: 63 Resp: 4528
Ion Ratio Lower Upper
63 100
98 7.0 3.8 11.2
100 4.0 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 18.49 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Tgt Ion: 96 Resp: 18944
Ion Ratio Lower Upper
96 100
61 140.2 0.0 285.6
98 64.7 0.0 129.6





#30

Chloroform

Concen: 2.99 ug/l

RT: 5.170 min Scan# 694

Delta R.T. -0.006 min

Lab File: VX021307.D

Acq: 19 Mar 2021 17:13

Instrument :

MSVOA_X

ClientSampleId :

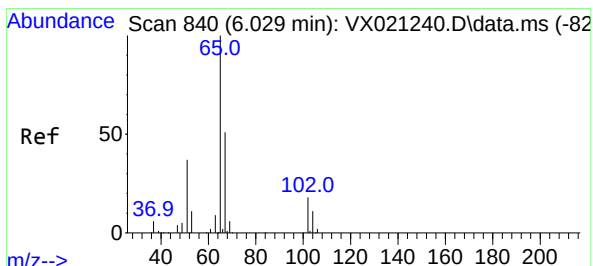
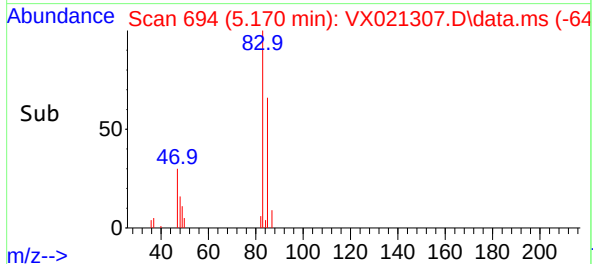
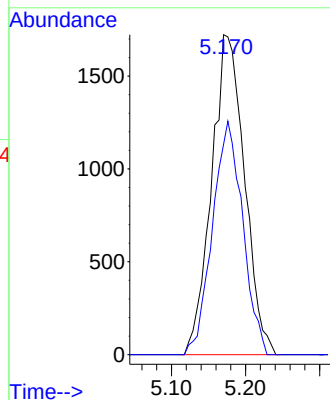
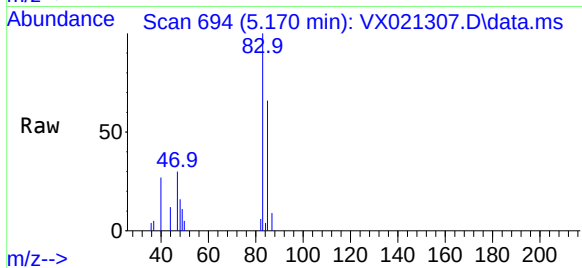
GWBR3-240-250-031821

Tgt Ion: 83 Resp: 5320

Ion Ratio Lower Upper

83 100

85 65.7 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 48.16 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021307.D

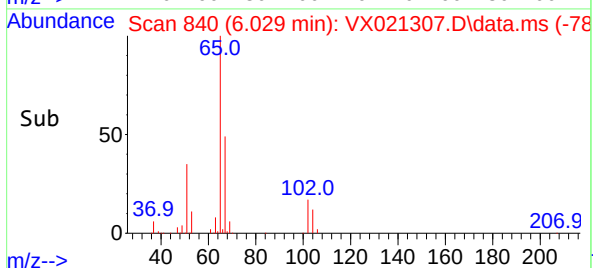
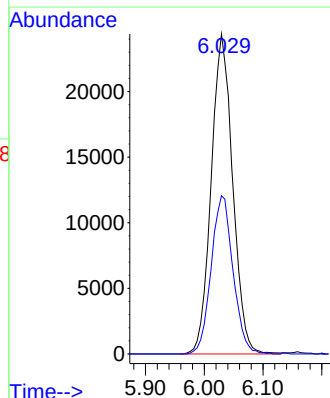
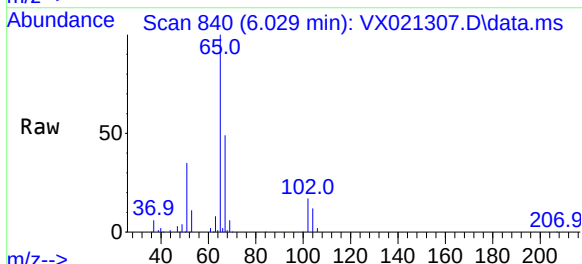
Acq: 19 Mar 2021 17:13

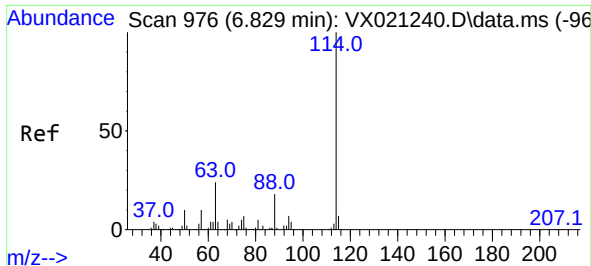
Tgt Ion: 65 Resp: 61884

Ion Ratio Lower Upper

65 100

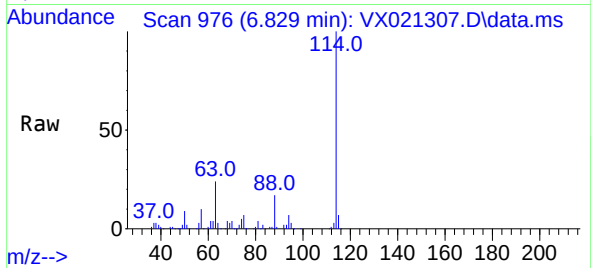
67 50.3 0.0 105.4



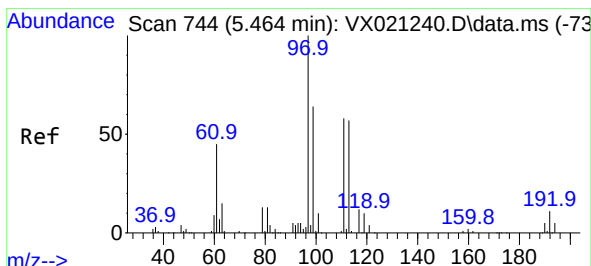
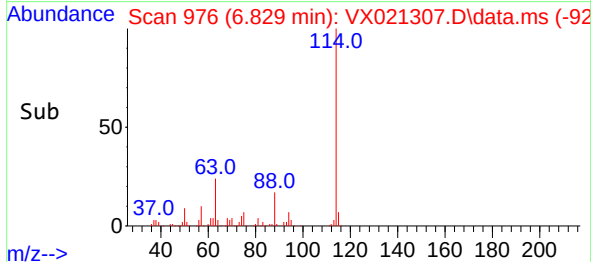
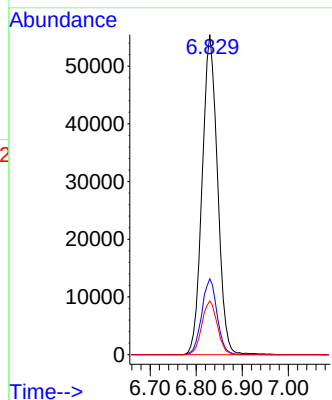


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-240-250-031821

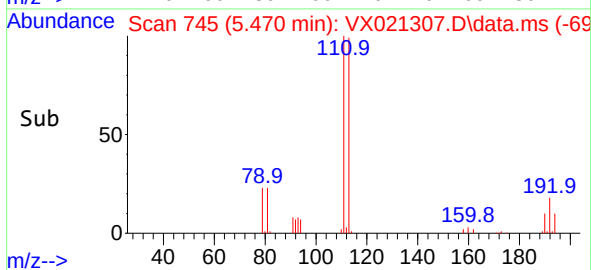
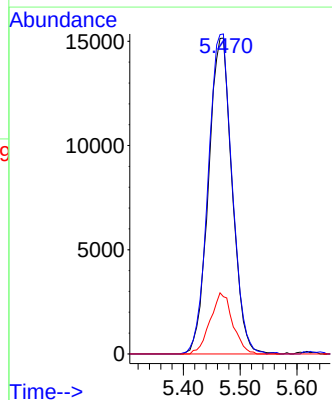
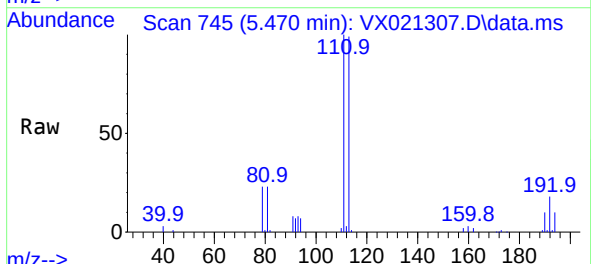


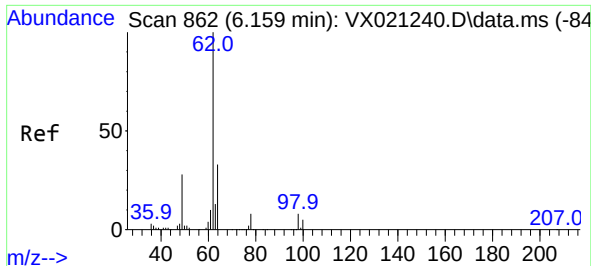
Tgt Ion:	114	Resp:	128839
Ion Ratio	Lower	Upper	
114	100		
63	23.7	0.0	40.8
88	16.8	0.0	32.8



#35
Dibromofluoromethane
Concen: 49.69 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Tgt Ion:	113	Resp:	43567
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.9	122.9
192	18.4	16.7	25.1

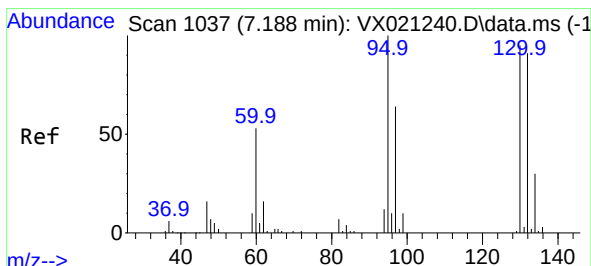
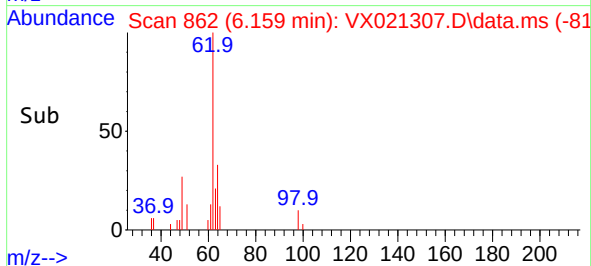
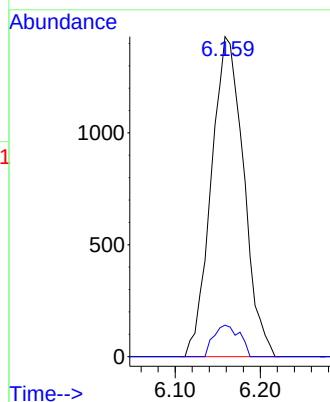
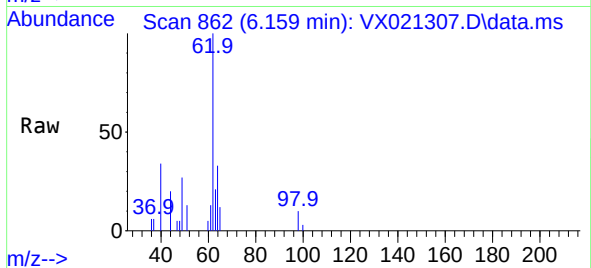




#42
1,2-Dichloroethane
Concen: 2.45 ug/l
RT: 6.159 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

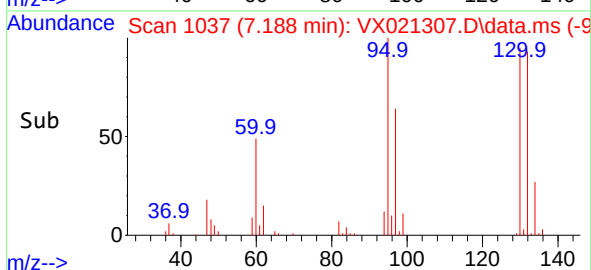
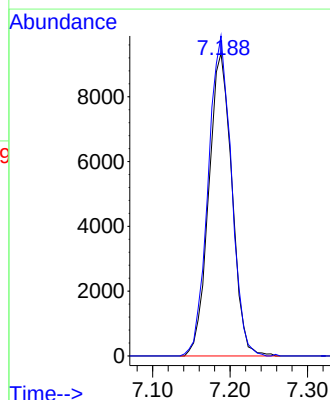
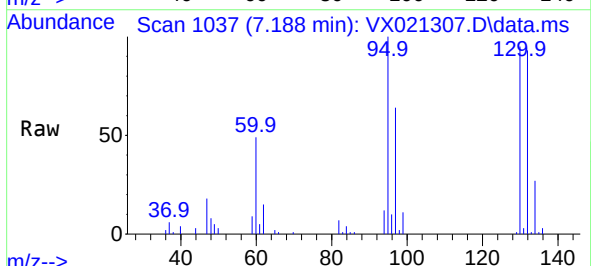
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-240-250-031821

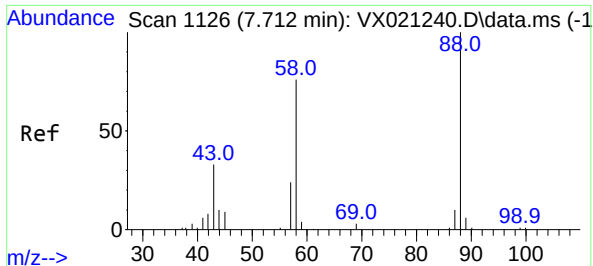
Tgt Ion: 62 Resp: 3776
Ion Ratio Lower Upper
62 100
98 7.9 0.0 20.2



#44
Trichloroethene
Concen: 20.43 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Tgt Ion: 130 Resp: 19416
Ion Ratio Lower Upper
130 100
95 105.7 0.0 198.0



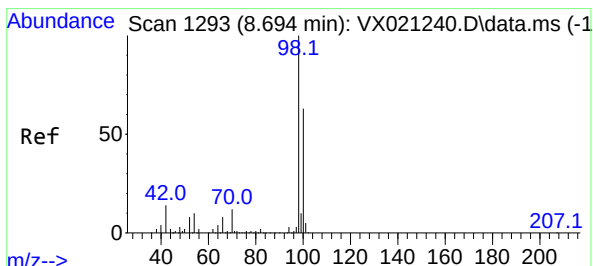
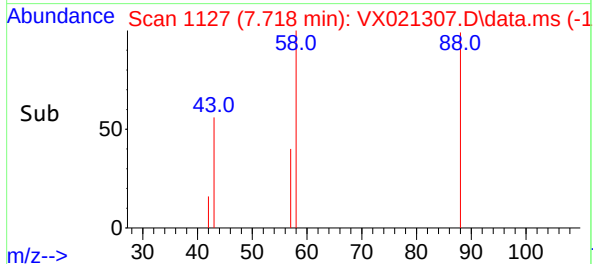
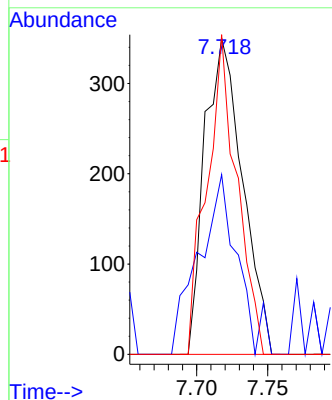
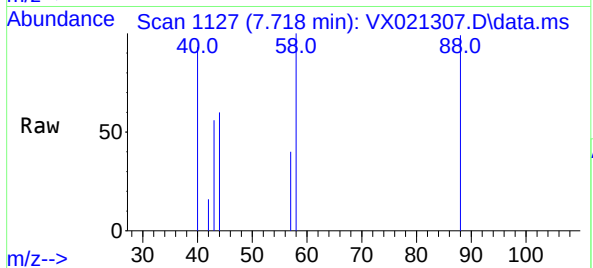


#49
1,4-Dioxane
Concen: 18.13 ug/l
RT: 7.718 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-240-250-031821

Tgt Ion: 88 Resp: 649

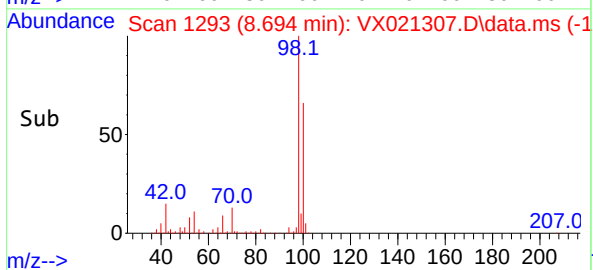
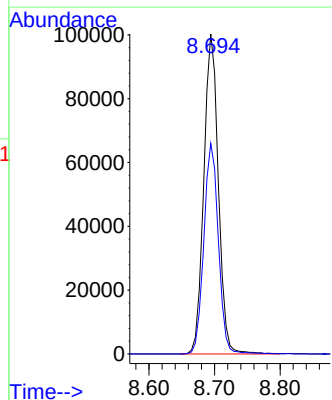
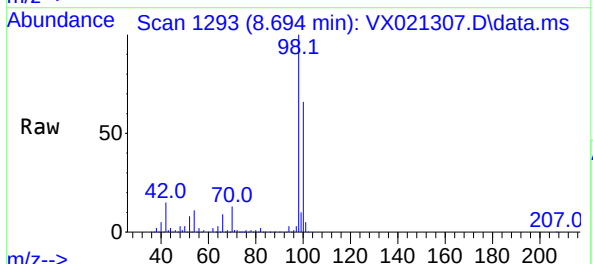
Ion	Ratio	Lower	Upper
88	100		
43	58.4	23.2	34.8#
58	80.3	55.0	82.4

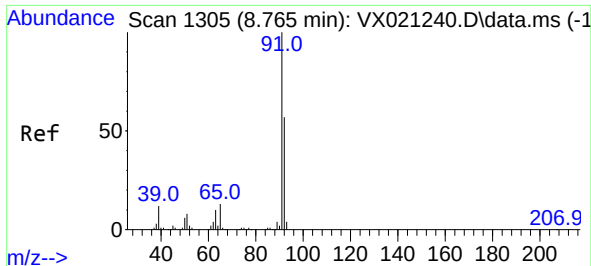


#50
Toluene-d8
Concen: 48.79 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Tgt Ion: 98 Resp: 155214

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9

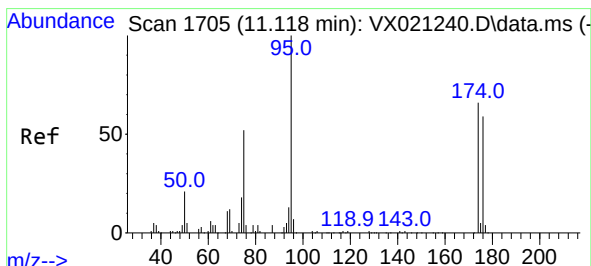
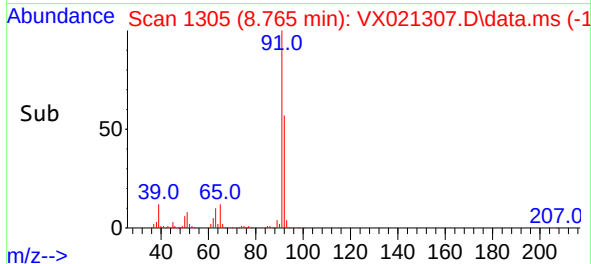
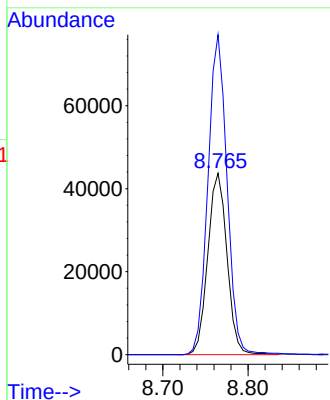
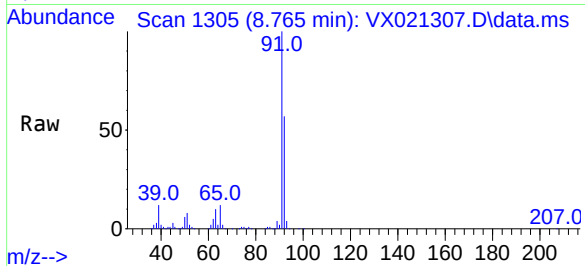




#52
Toluene
Concen: 30.98 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

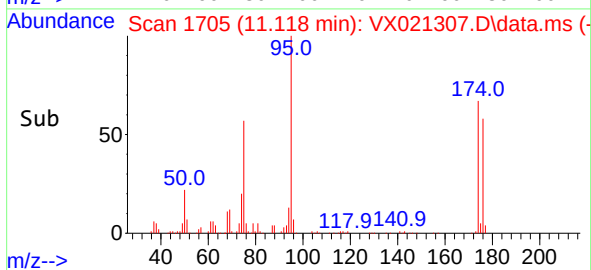
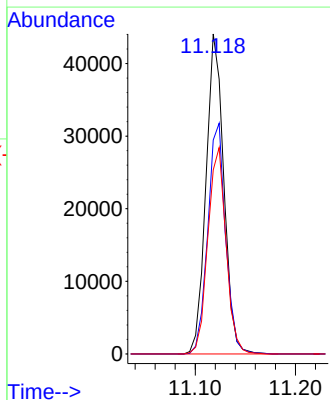
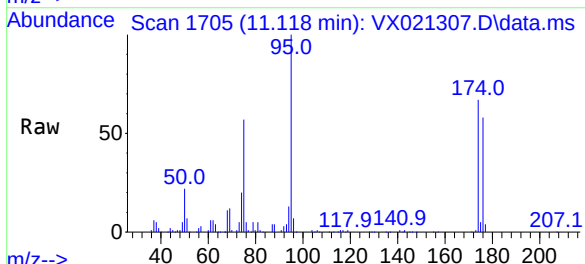
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-240-250-031821

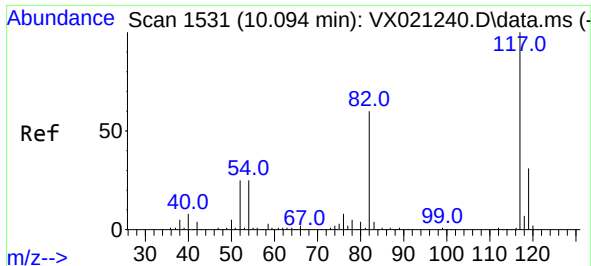
Tgt Ion: 92 Resp: 68541
Ion Ratio Lower Upper
92 100
91 175.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 44.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Tgt Ion: 95 Resp: 54471
Ion Ratio Lower Upper
95 100
174 72.2 0.0 154.6
176 65.8 0.0 155.8

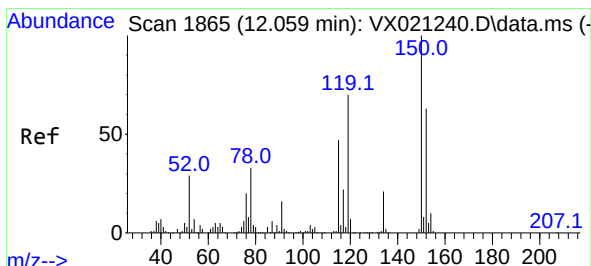
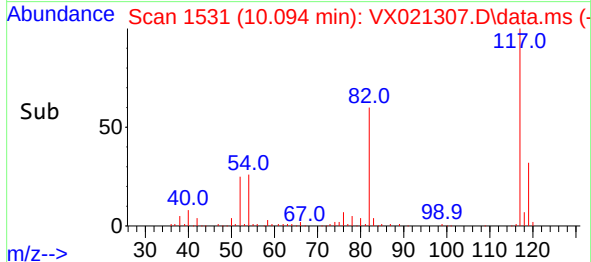
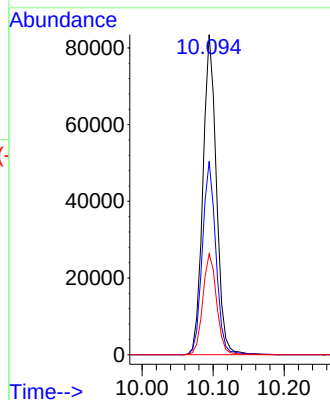
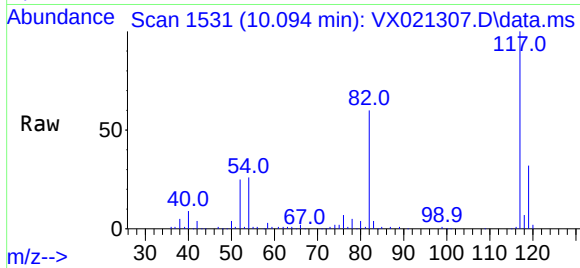




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-240-250-031821

Tgt Ion:117 Resp: 110397
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021307.D
Acq: 19 Mar 2021 17:13

Tgt Ion:152 Resp: 44235
Ion Ratio Lower Upper
152 100
115 64.5 41.1 123.3
150 158.3 0.0 349.0

