

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020985.D
 Acq On : 02 Mar 2021 23:19
 Operator : JC/MD
 Sample : M1536-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Mar 03 01:21:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	198278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	365444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	350285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	151057	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	128686	48.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.10%
35) Dibromofluoromethane	5.458	113	114439	51.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.08%
50) Toluene-d8	8.694	98	453815	52.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.84%
62) 4-Bromofluorobenzene	11.118	95	166070	51.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.76%

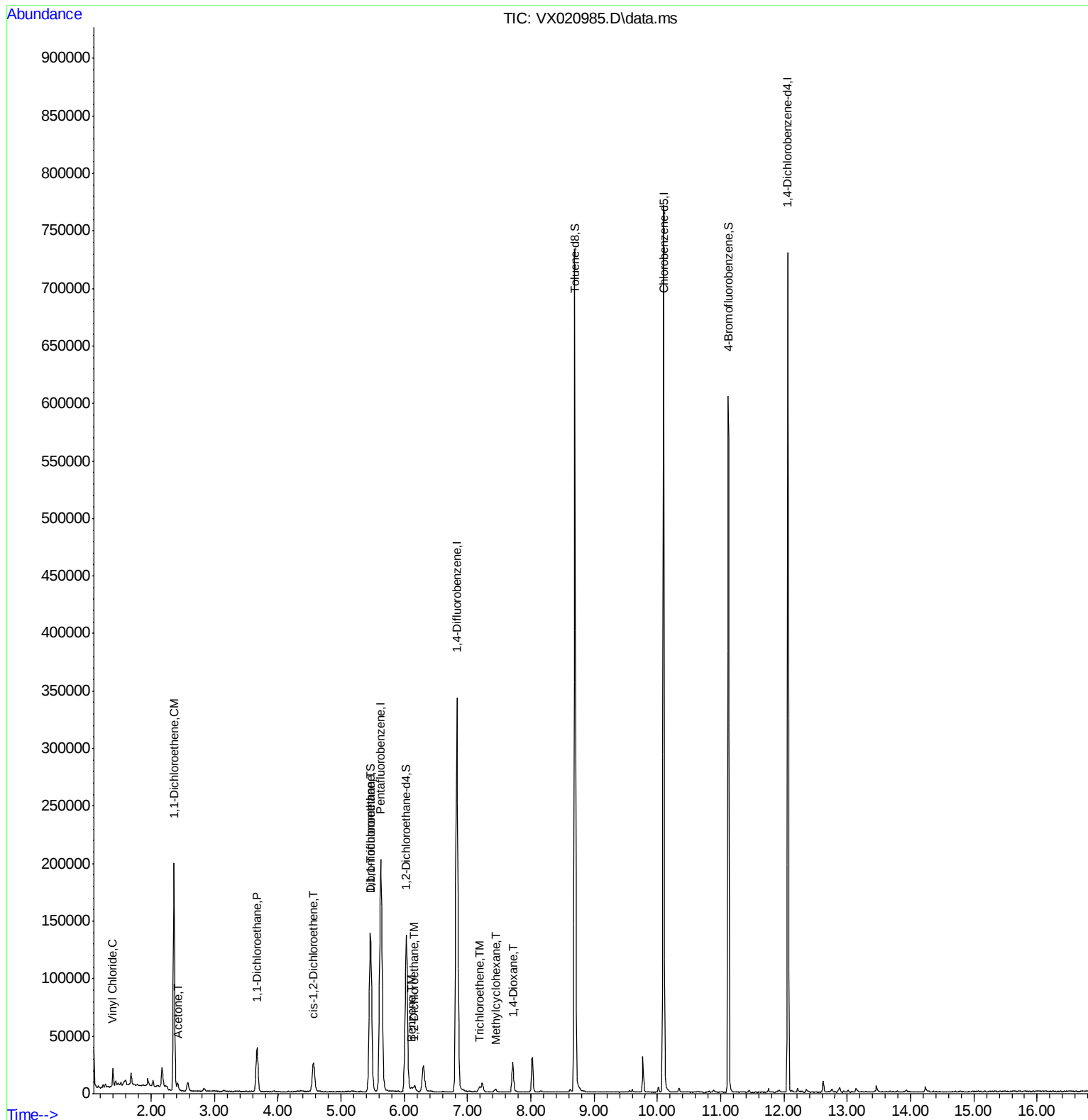
Target Compounds						Qvalue
4) Vinyl Chloride	1.393	62	9287	3.39	ug/l	98
12) 1,1-Dichloroethene	2.358	96	69005	31.09	ug/l	97
16) Acetone	2.417	43	6490	5.88	ug/l	99
24) 1,1-Dichloroethane	3.670	63	43463	10.12	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	16482	5.74	ug/l	88
32) 1,1,1-Trichloroethane	5.458	97	9718	2.58	ug/l	97
39) Methylcyclohexane	7.441	83	1010	0.23	ug/l	95
40) Benzene	6.111	78	3701	0.36	ug/l	99
42) 1,2-Dichloroethane	6.158	62	5653	1.63	ug/l	99
44) Trichloroethene	7.188	130	1524	0.56	ug/l	97
49) 1,4-Dioxane	7.712	88	20363	309.38	ug/l	95

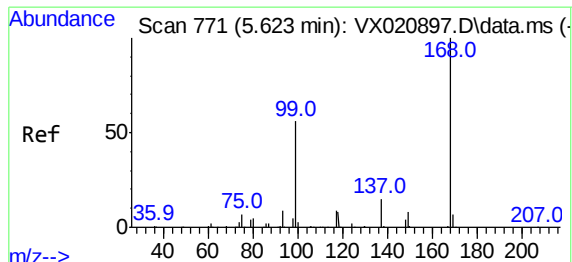
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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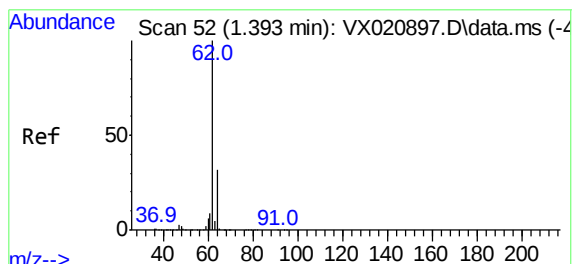
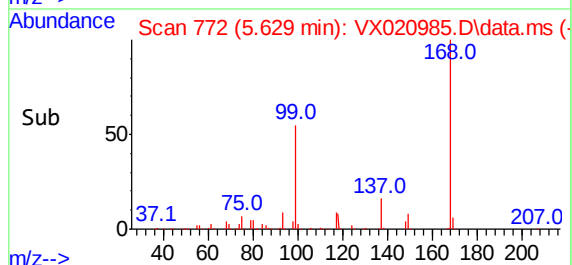
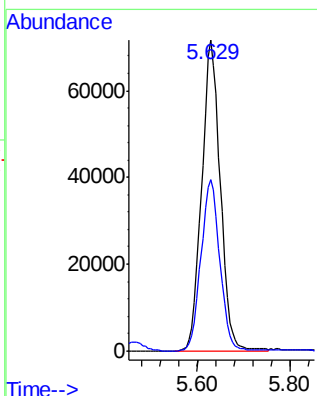
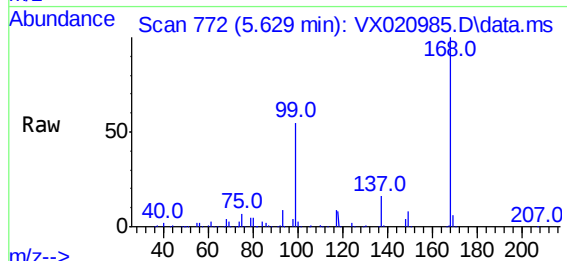




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

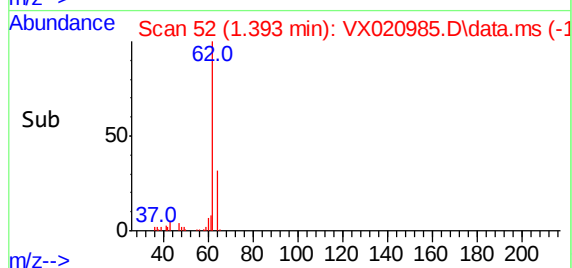
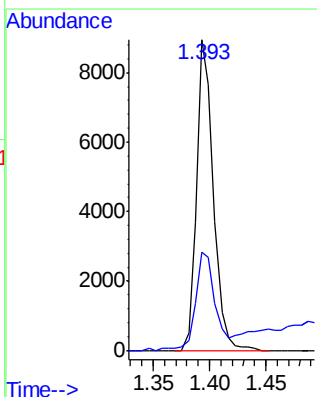
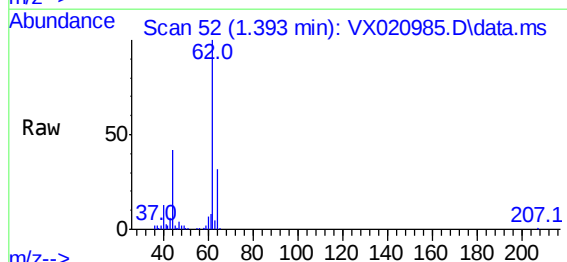
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

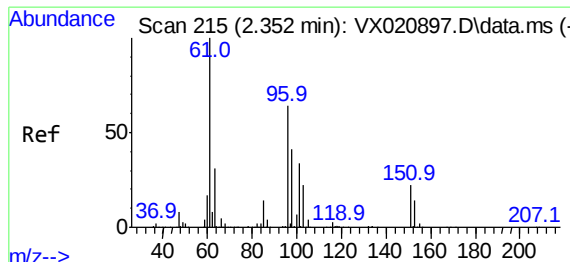
Tgt Ion:168 Resp: 198278
Ion Ratio Lower Upper
168 100
99 55.0 45.8 68.6



#4
Vinyl Chloride
Concen: 3.39 ug/l
RT: 1.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

Tgt Ion: 62 Resp: 9287
Ion Ratio Lower Upper
62 100
64 31.0 25.7 38.5

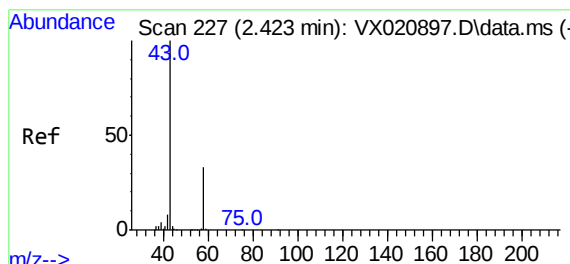
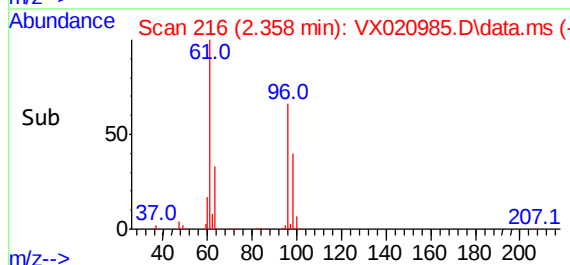
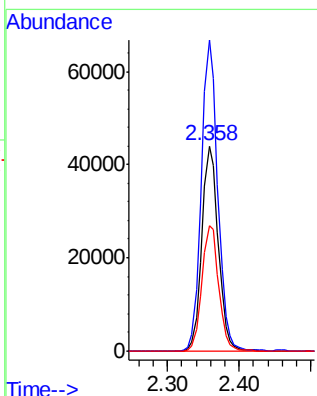
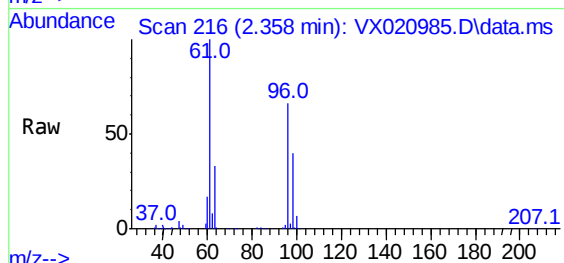




#12
1,1-Dichloroethene
Concen: 31.09 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

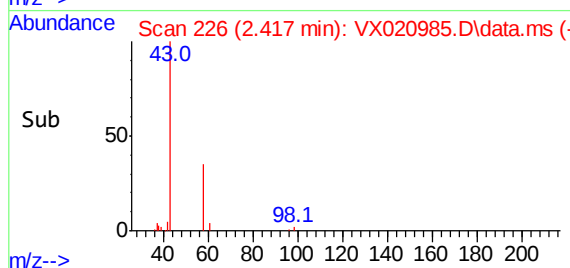
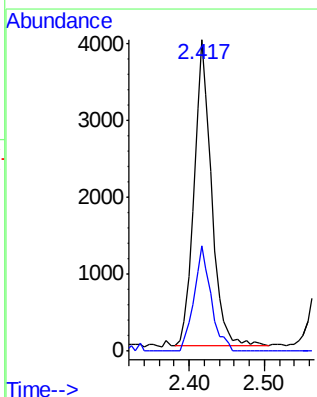
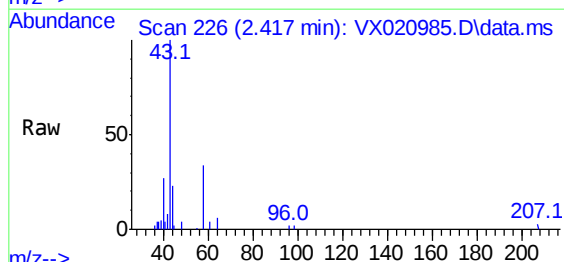
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

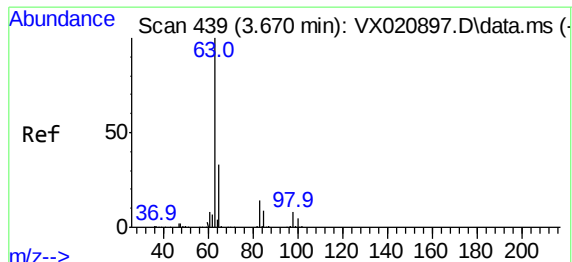
Tgt Ion: 96 Resp: 69005
Ion Ratio Lower Upper
96 100
61 151.9 124.6 187.0
98 61.2 50.6 76.0



#16
Acetone
Concen: 5.88 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

Tgt Ion: 43 Resp: 6490
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8

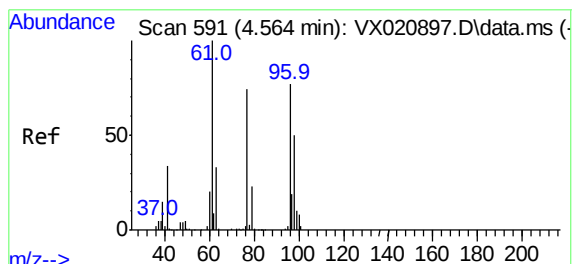
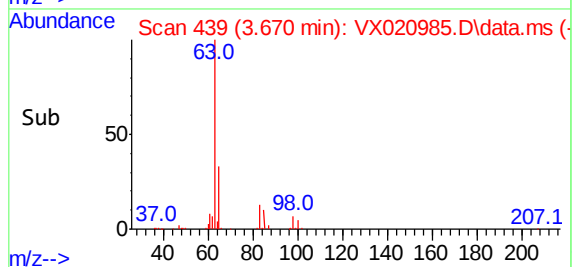
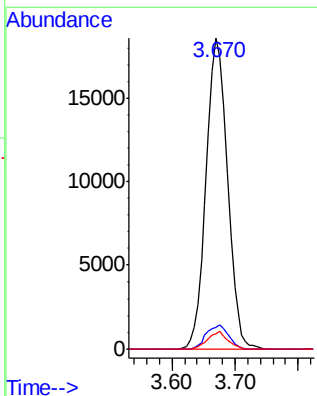
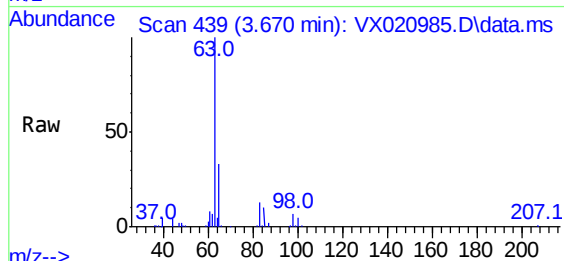




#24
1,1-Dichloroethane
Concen: 10.12 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

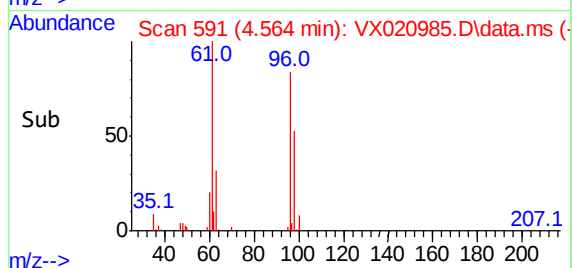
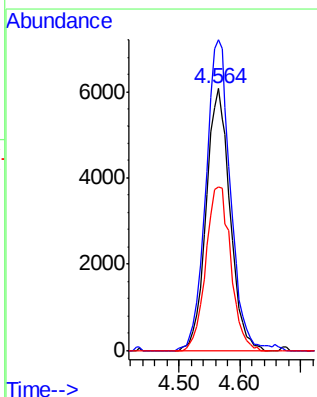
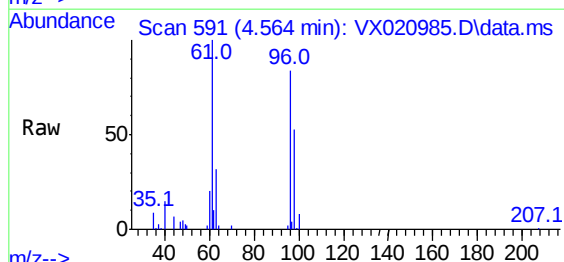
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

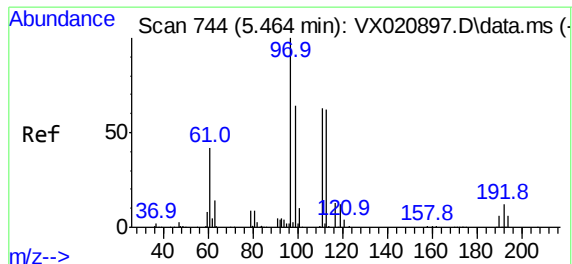
Tgt Ion: 63 Resp: 43463
Ion Ratio Lower Upper
63 100
98 6.7 3.8 11.2
100 4.8 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 5.74 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

Tgt Ion: 96 Resp: 16482
Ion Ratio Lower Upper
96 100
61 122.2 0.0 285.6
98 65.3 0.0 129.6

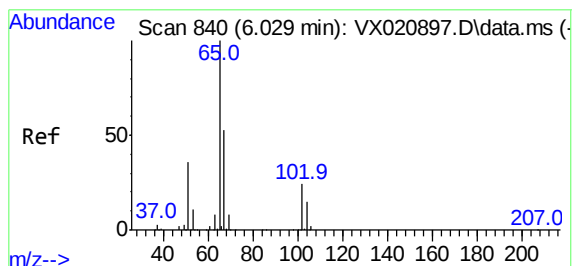
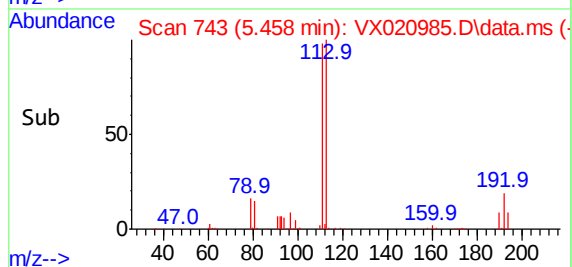
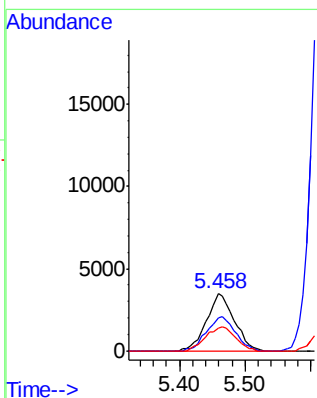
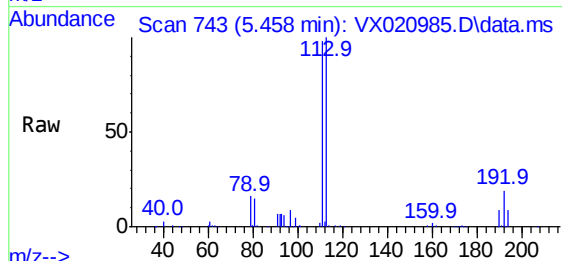




#32
1,1,1-Trichloroethane
Concen: 2.58 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

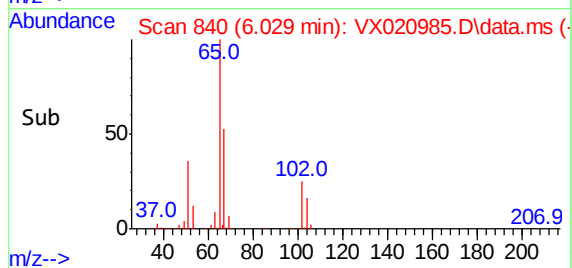
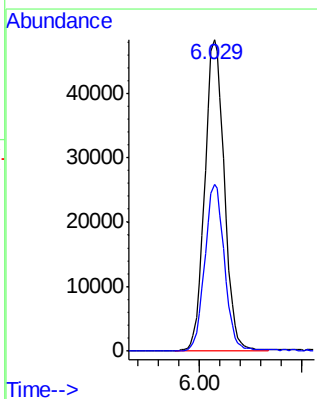
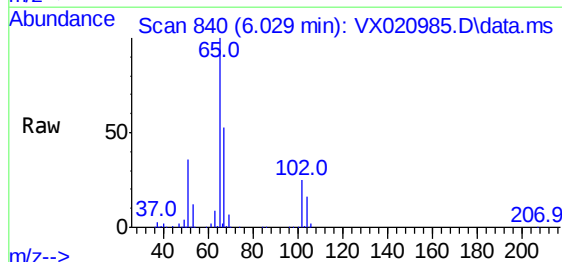
Instrument :
MSVOA_X
ClientSampled :
DUP-1

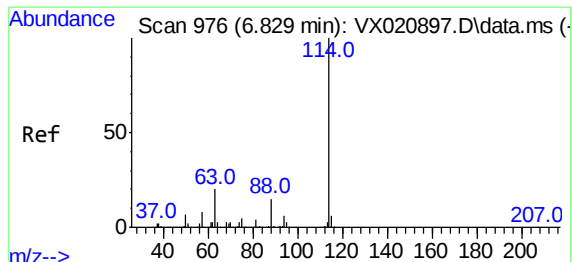
Tgt Ion: 97 Resp: 9718
Ion Ratio Lower Upper
97 100
99 63.0 51.5 77.3
61 45.2 34.2 51.4



#33
1,2-Dichloroethane-d4
Concen: 48.05 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

Tgt Ion: 65 Resp: 128686
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

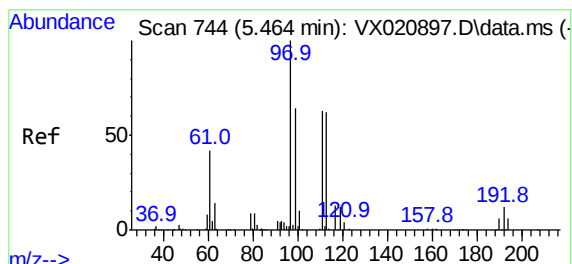
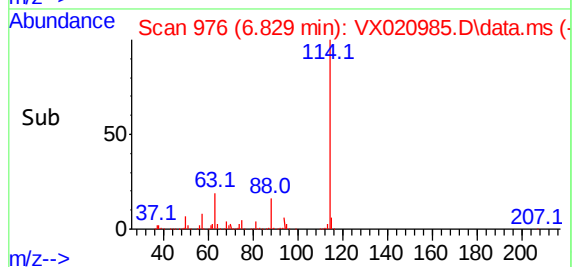
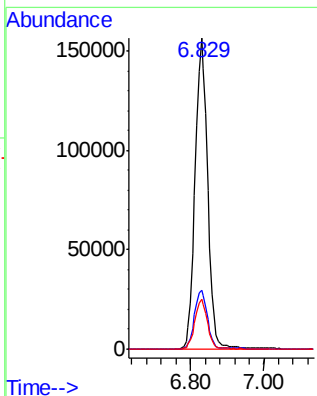
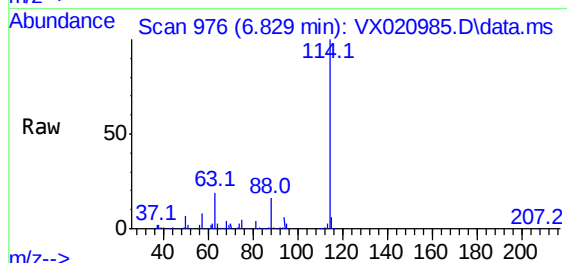




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

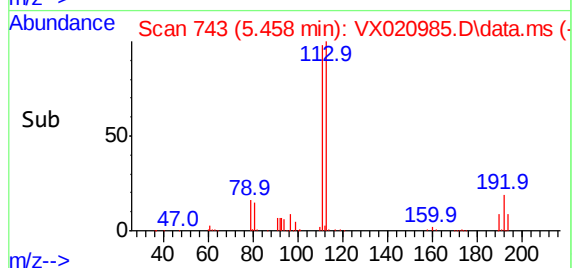
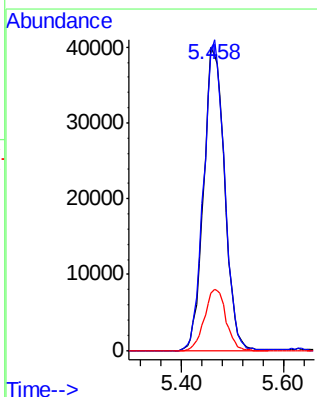
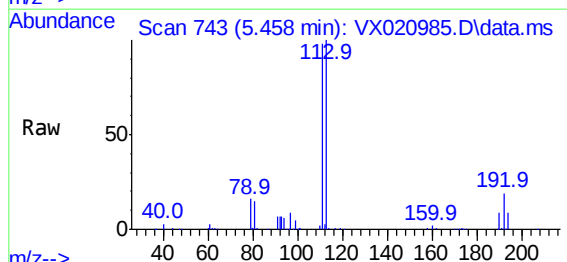
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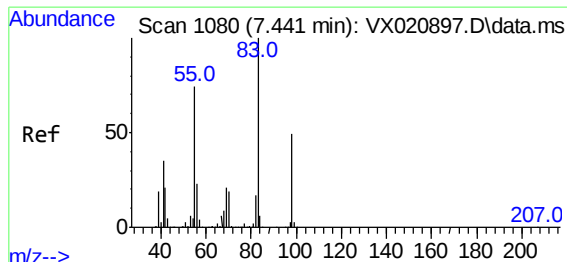
Tgt Ion:114 Resp: 365444
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.54 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

Tgt Ion:113 Resp: 114439
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 20.4 16.7 25.1

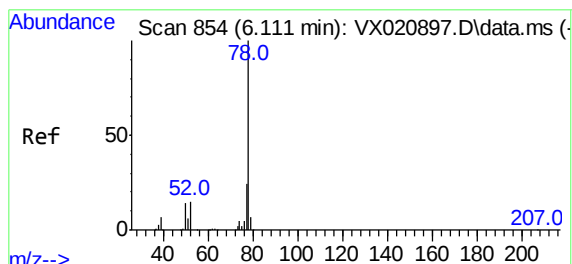
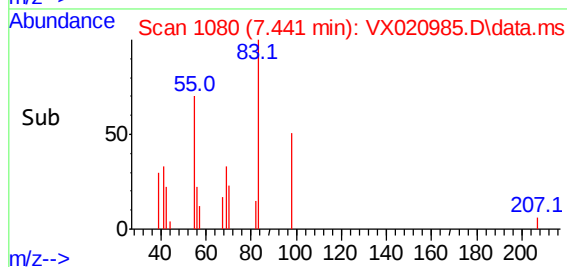
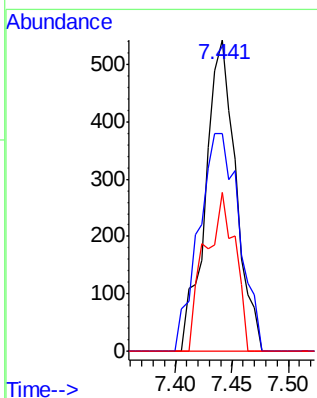
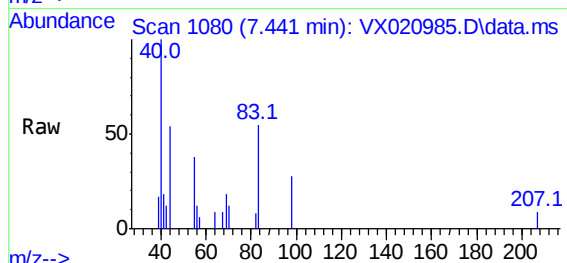




#39
Methylcyclohexane
Concen: 0.23 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

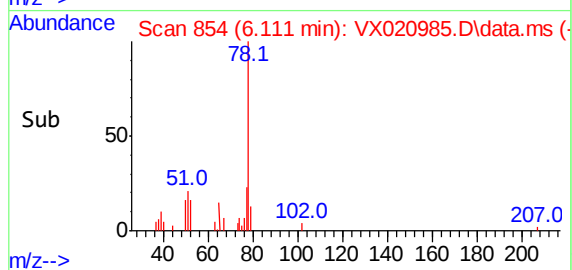
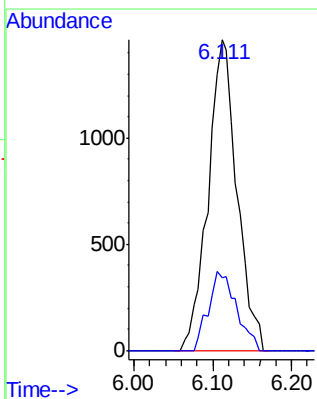
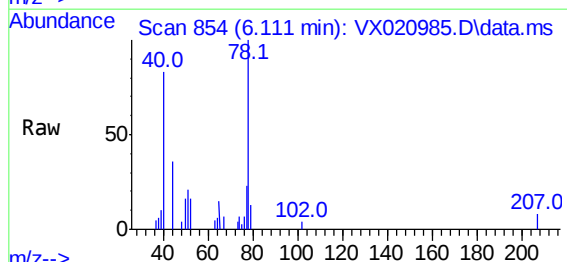
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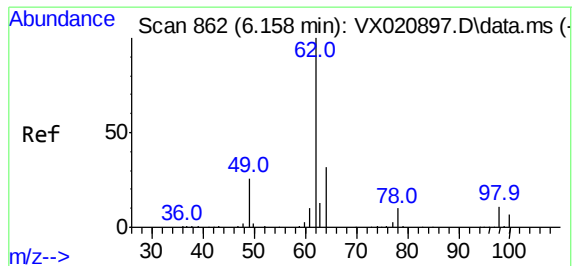
Tgt Ion: 83 Resp: 1010
Ion Ratio Lower Upper
83 100
55 69.8 58.9 88.3
98 51.2 38.1 57.1



#40
Benzene
Concen: 0.36 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

Tgt Ion: 78 Resp: 3701
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

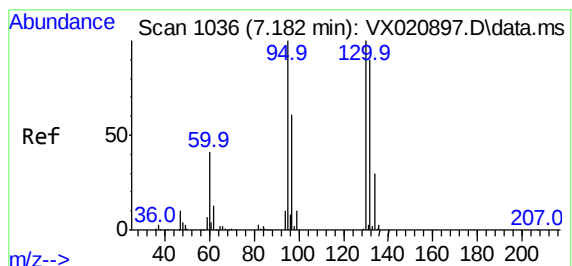
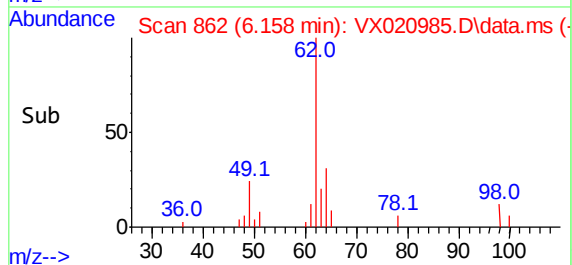
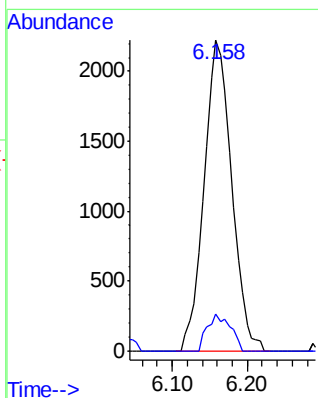
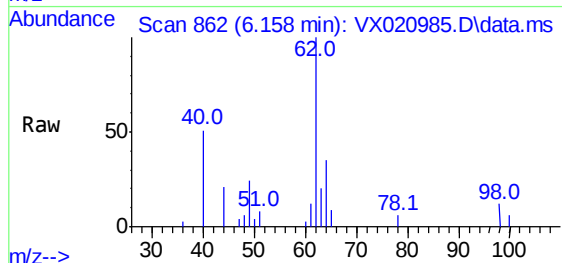




#42
1,2-Dichloroethane
Concen: 1.63 ug/l
RT: 6.158 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

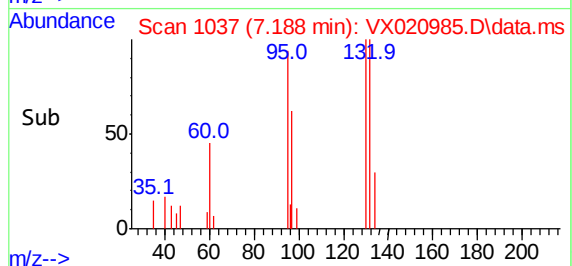
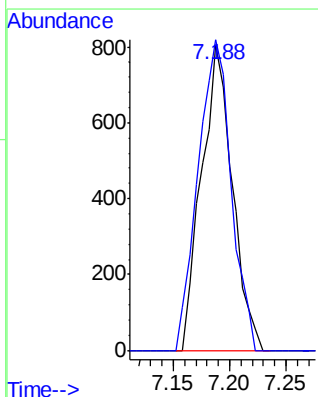
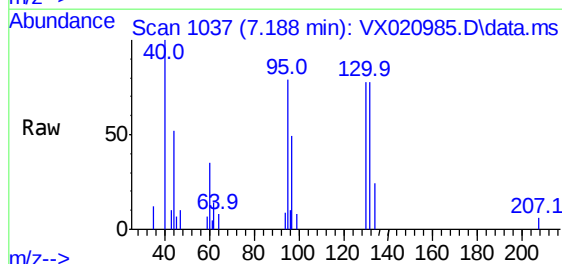
Instrument :
MSVOA_X
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DUP-1

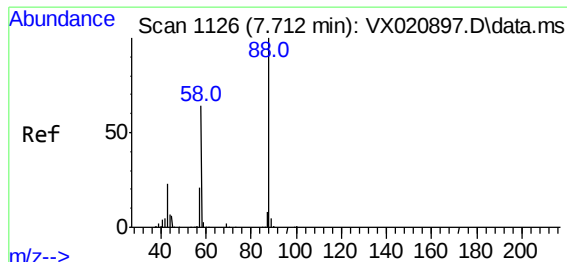
Tgt Ion: 62 Resp: 5653
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2



#44
Trichloroethene
Concen: 0.56 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

Tgt Ion:130 Resp: 1524
Ion Ratio Lower Upper
130 100
95 101.9 0.0 198.0

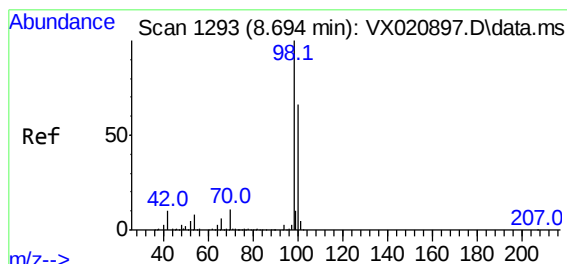
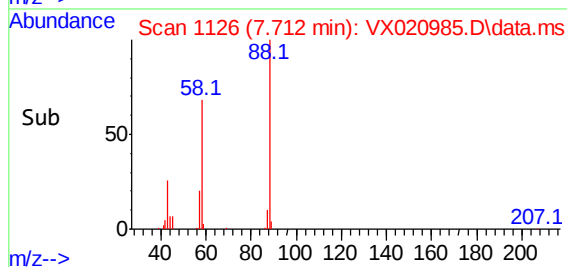
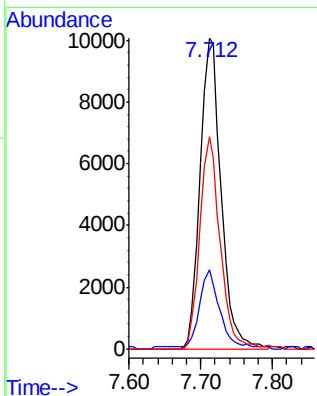
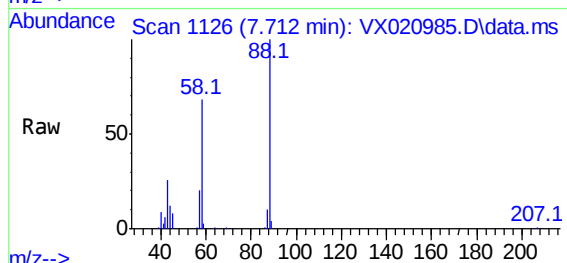




#49
1,4-Dioxane
Concen: 309.38 ug/l
RT: 7.712 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

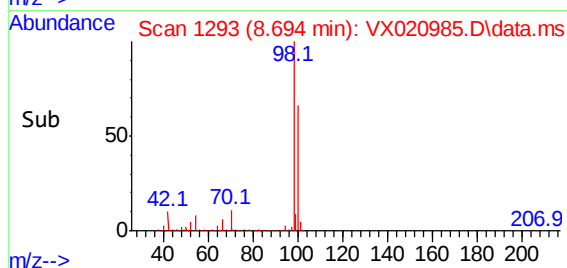
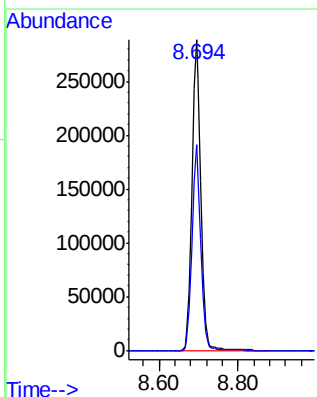
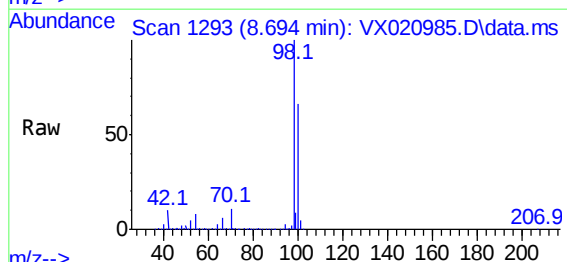
Instrument :
MSVOA_X
ClientSampled :
DUP-1

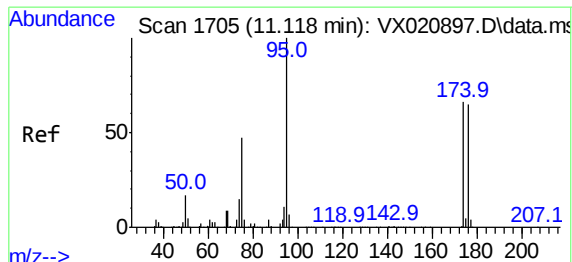
Tgt Ion: 88 Resp: 20363
Ion Ratio Lower Upper
88 100
43 25.2 23.2 34.8
58 65.8 55.0 82.4



#50
Toluene-d8
Concen: 52.42 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

Tgt Ion: 98 Resp: 453815
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

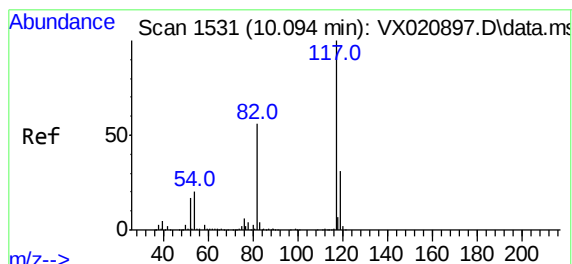
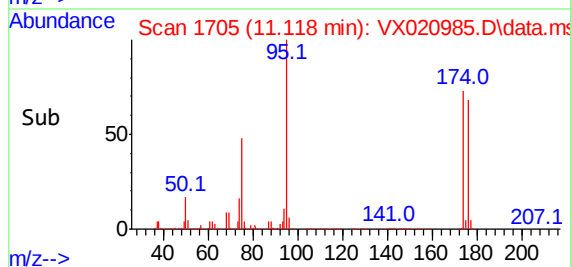
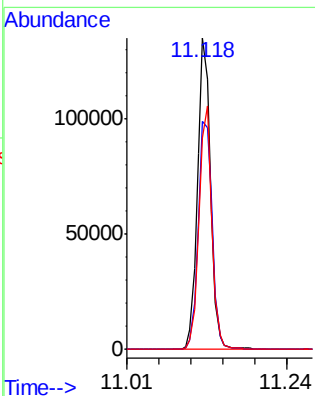
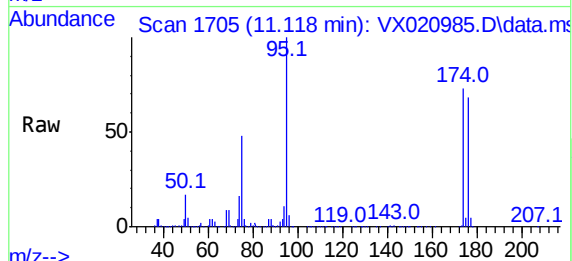




#62
4-Bromofluorobenzene
Concen: 51.88 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

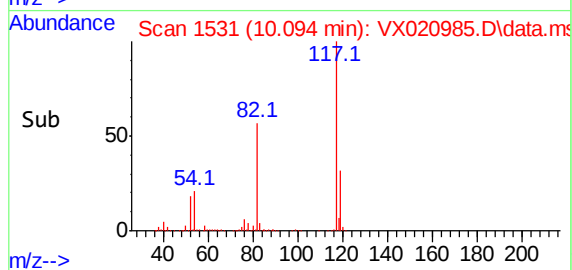
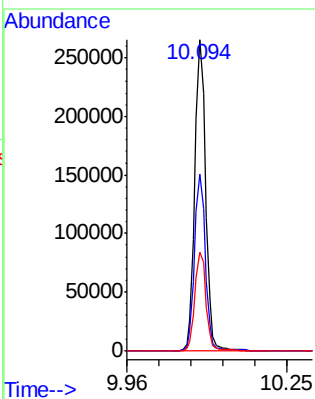
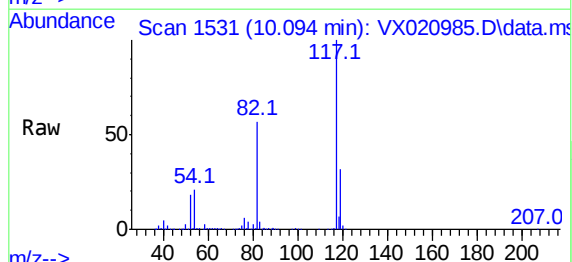
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

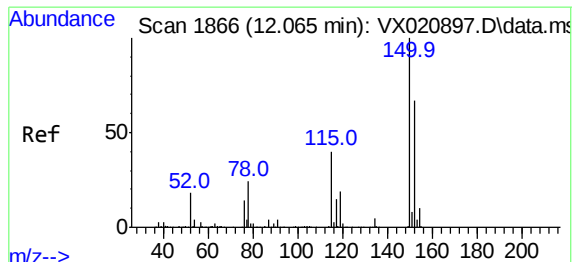
Tgt Ion: 95 Resp: 166070
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020985.D
Acq: 02 Mar 2021 23:19

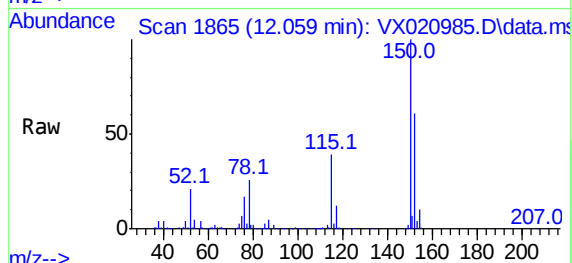
Tgt Ion: 117 Resp: 350285
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.7 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX020985.D
 Acq: 02 Mar 2021 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1



Tgt Ion:152 Resp: 151057

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	161.1	0.0	349.0

