

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021688.D
 Acq On : 31 Mar 2021 16:16
 Operator : JC/MD
 Sample : M1842-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20210323

Quant Time: Apr 01 03:26:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

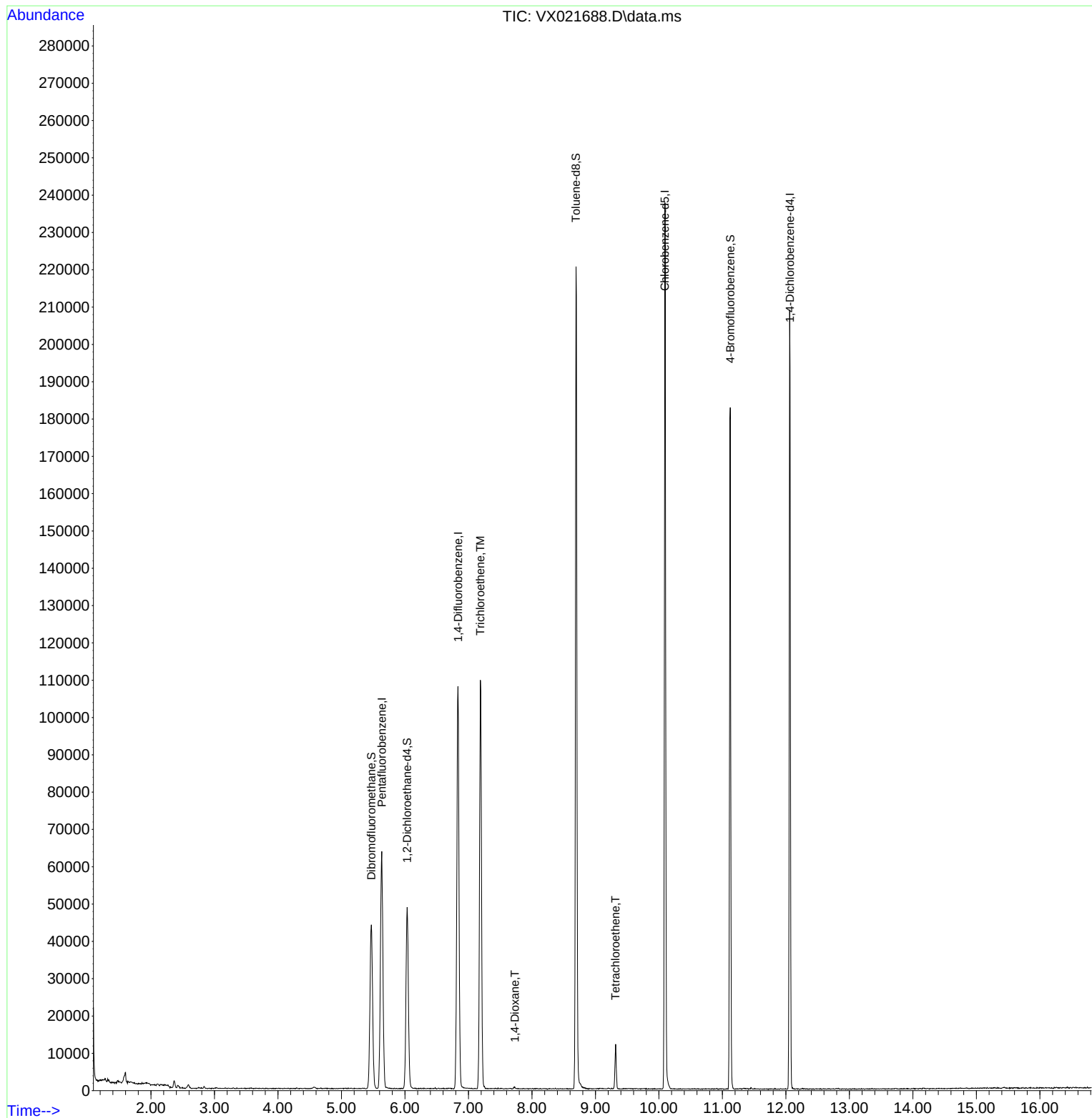
Internal Standards						
1) Pentafluorobenzene	5.635	168	53569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	101066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	100500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	40236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	48099	53.96	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.92%	
35) Dibromofluoromethane	5.470	113	37001	51.54	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.08%	
50) Toluene-d8	8.694	98	126449	49.43	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.86%	
62) 4-Bromofluorobenzene	11.124	95	48511	48.77	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.54%	
Target Compounds						
						Qvalue
44) Trichloroethene	7.188	130	37866	51.03	ug/l	90
49) 1,4-Dioxane	7.729	88	299	16.84	ug/l #	65
64) Tetrachloroethene	9.317	164	2073	3.08	ug/l	95

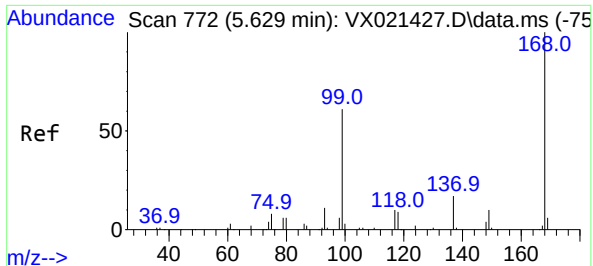
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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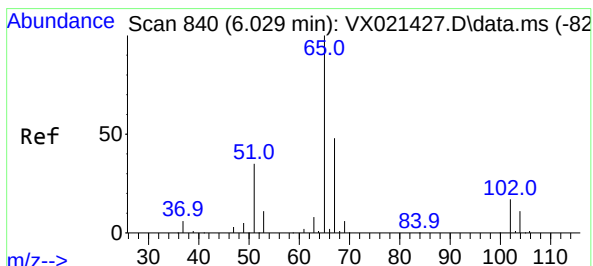
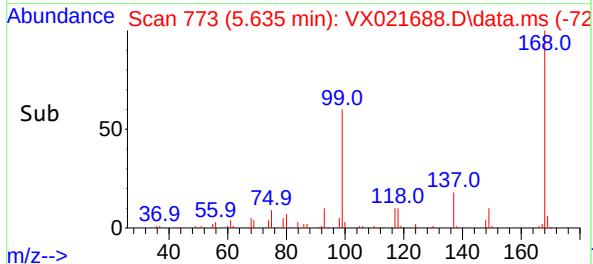
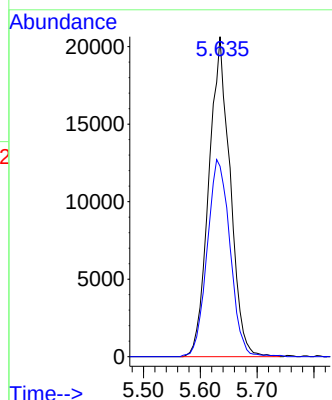
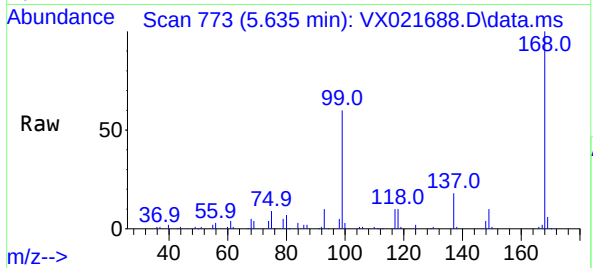




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

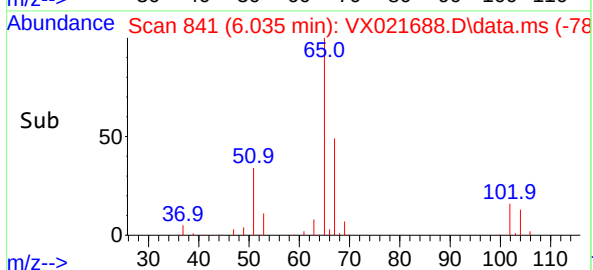
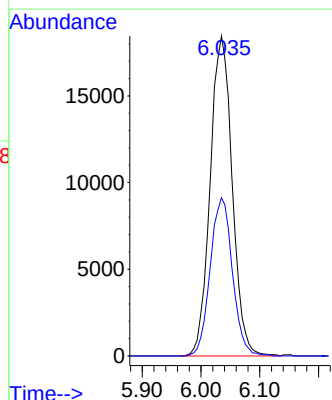
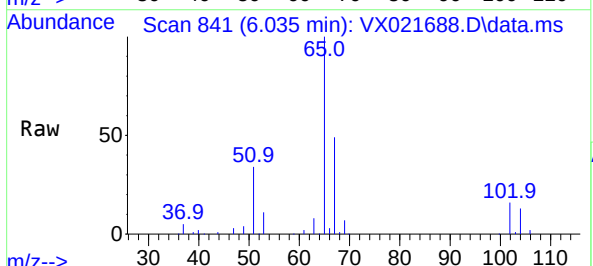
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

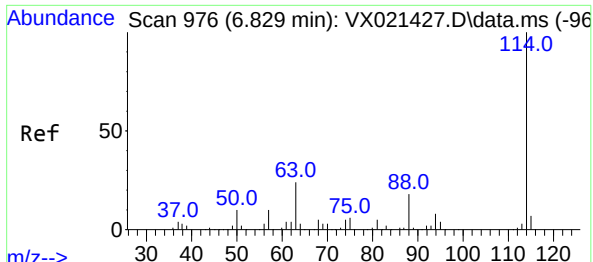
Tgt Ion:168 Resp: 53569
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 53.96 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 65 Resp: 48099
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

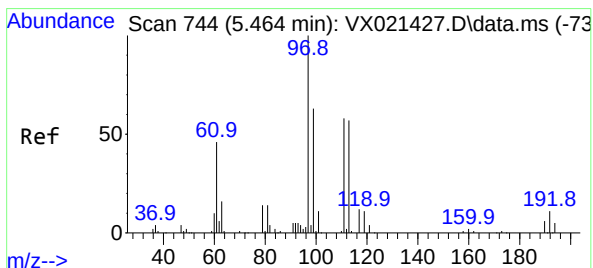
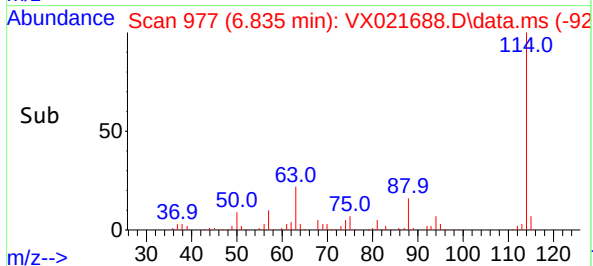
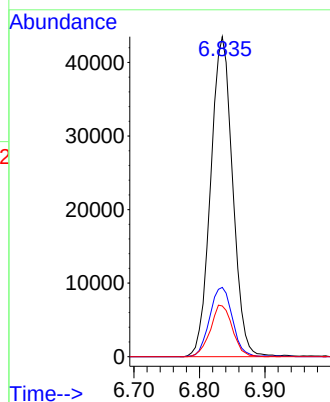
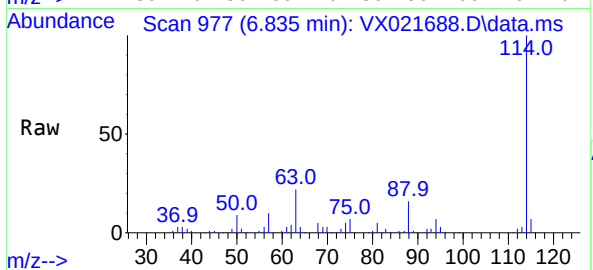




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

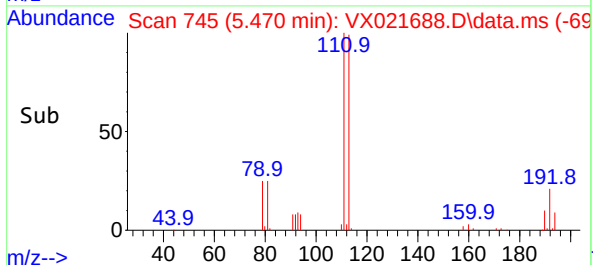
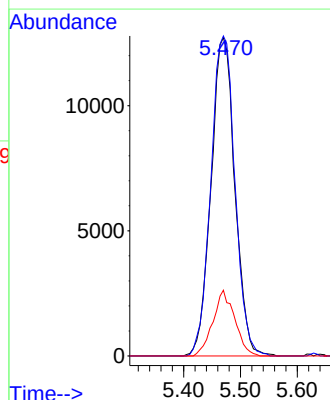
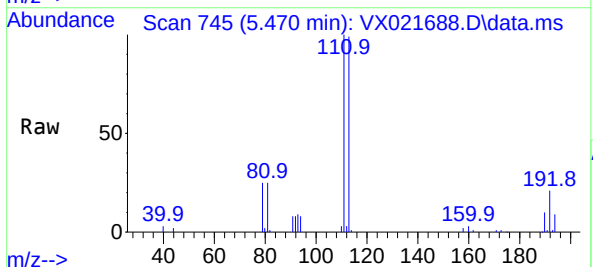
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

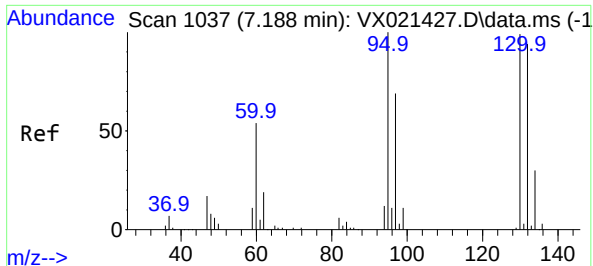
Tgt Ion:114 Resp: 101066
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.54 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion:113 Resp: 37001
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.0 16.7 25.1

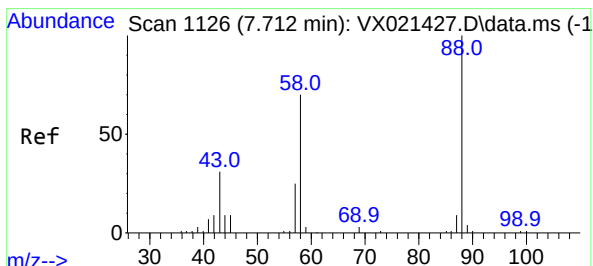
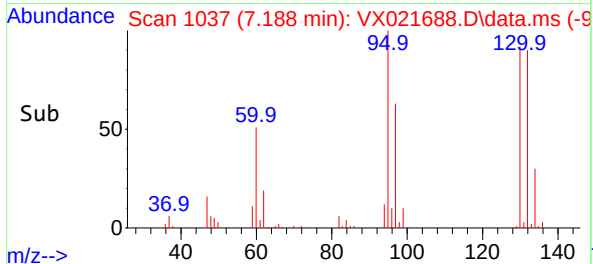
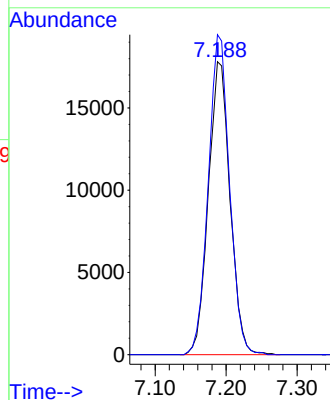
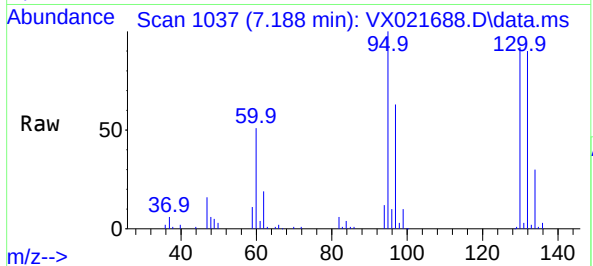




#44
Trichloroethene
Concen: 51.03 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

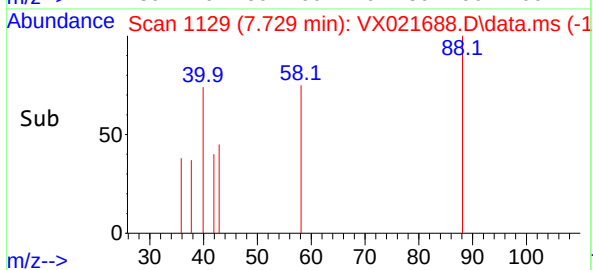
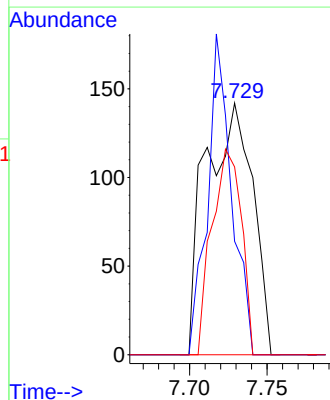
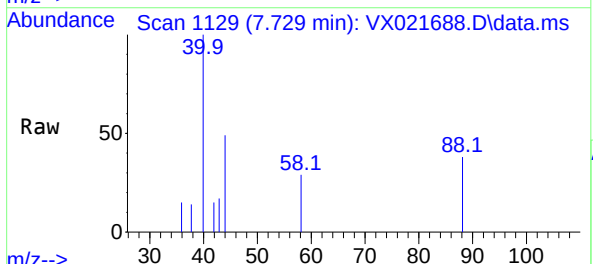
Instrument :
MSVOA_X
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DUP05-20210323

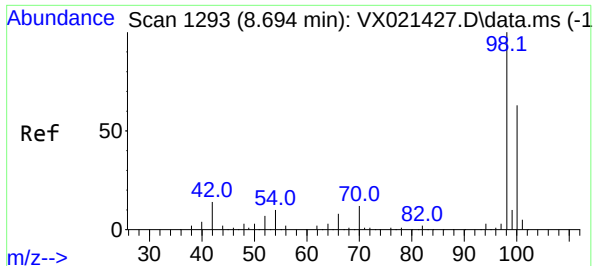
Tgt Ion:130 Resp: 37866
Ion Ratio Lower Upper
130 100
95 109.3 0.0 198.0



#49
1,4-Dioxane
Concen: 16.84 ug/l
RT: 7.729 min Scan# 1129
Delta R.T. 0.017 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 88 Resp: 299
Ion Ratio Lower Upper
88 100
43 65.2 23.2 34.8#
58 51.5 55.0 82.4#

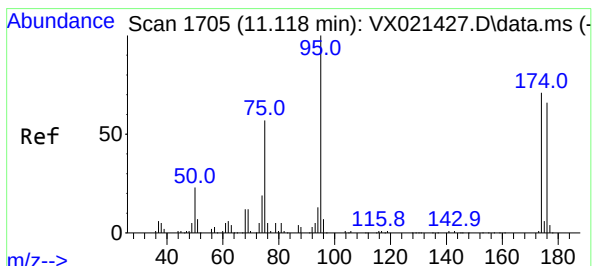
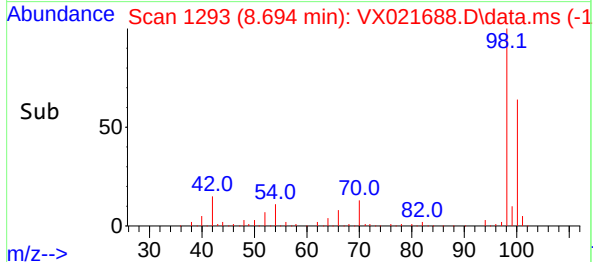
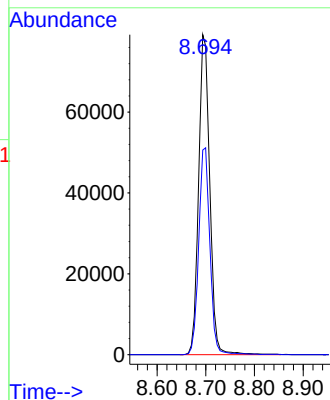
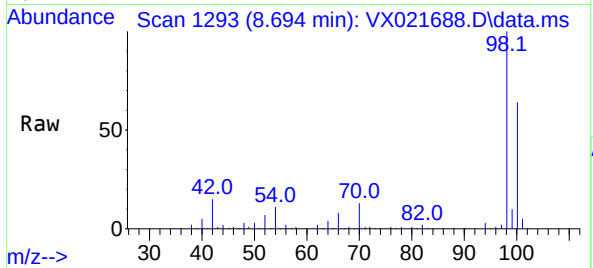




#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

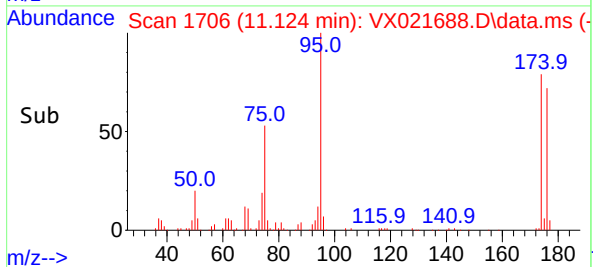
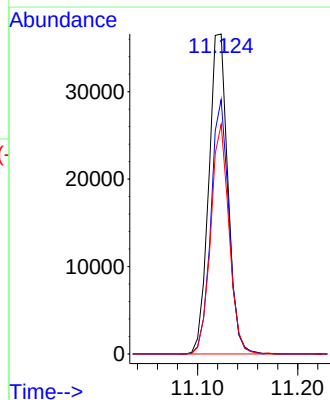
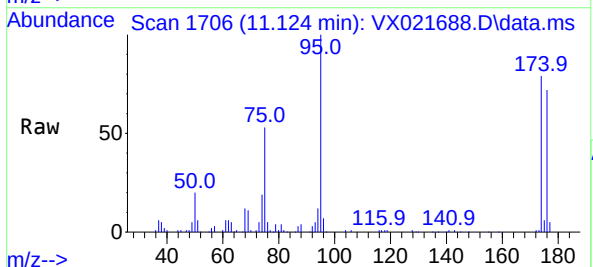
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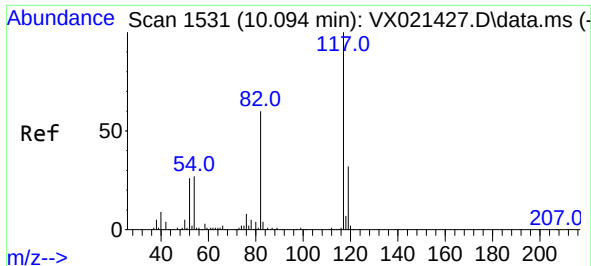
Tgt Ion: 98 Resp: 126449
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.77 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 95 Resp: 48511
Ion Ratio Lower Upper
95 100
174 75.1 0.0 154.6
176 68.8 0.0 155.8

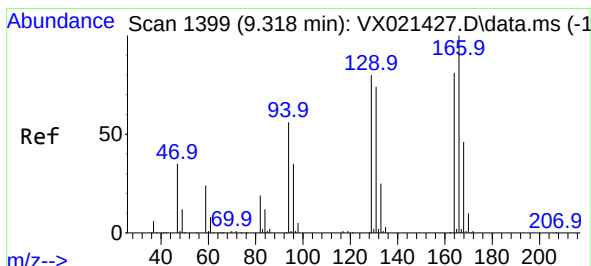
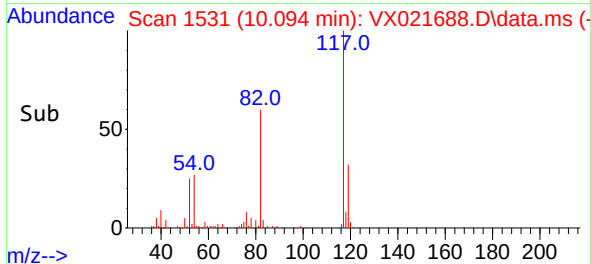
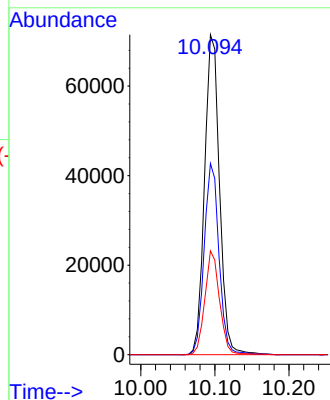
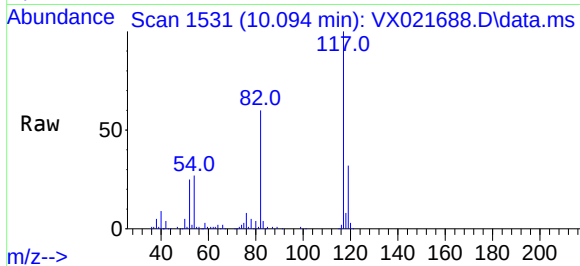




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

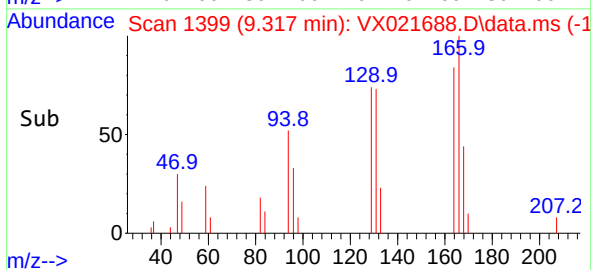
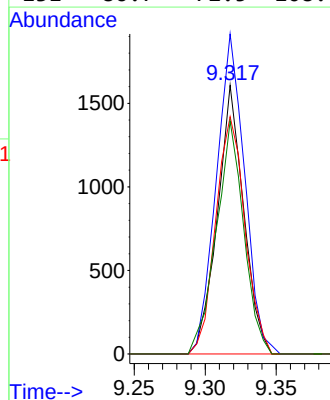
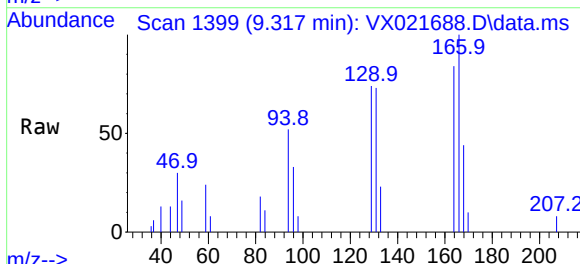
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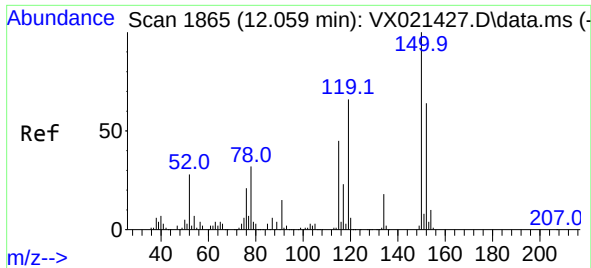
Tgt Ion:	117	Resp:	100500
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.4	71.2
119	32.5	26.6	39.8



#64
Tetrachloroethene
Concen: 3.08 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion:	164	Resp:	2073
Ion	Ratio	Lower	Upper
164	100		
166	119.1	103.4	155.2
129	88.3	70.8	106.2
131	86.7	72.5	108.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

Tgt Ion:	152	Resp:	40236
Ion	Ratio	Lower	Upper
152	100		
115	61.9	41.1	123.3
150	157.6	0.0	349.0

