

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021015.D
 Acq On : 04 Mar 2021 15:36
 Operator : JC/MD
 Sample : M1552-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 435-416

Quant Time: Mar 05 01:22:01 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)

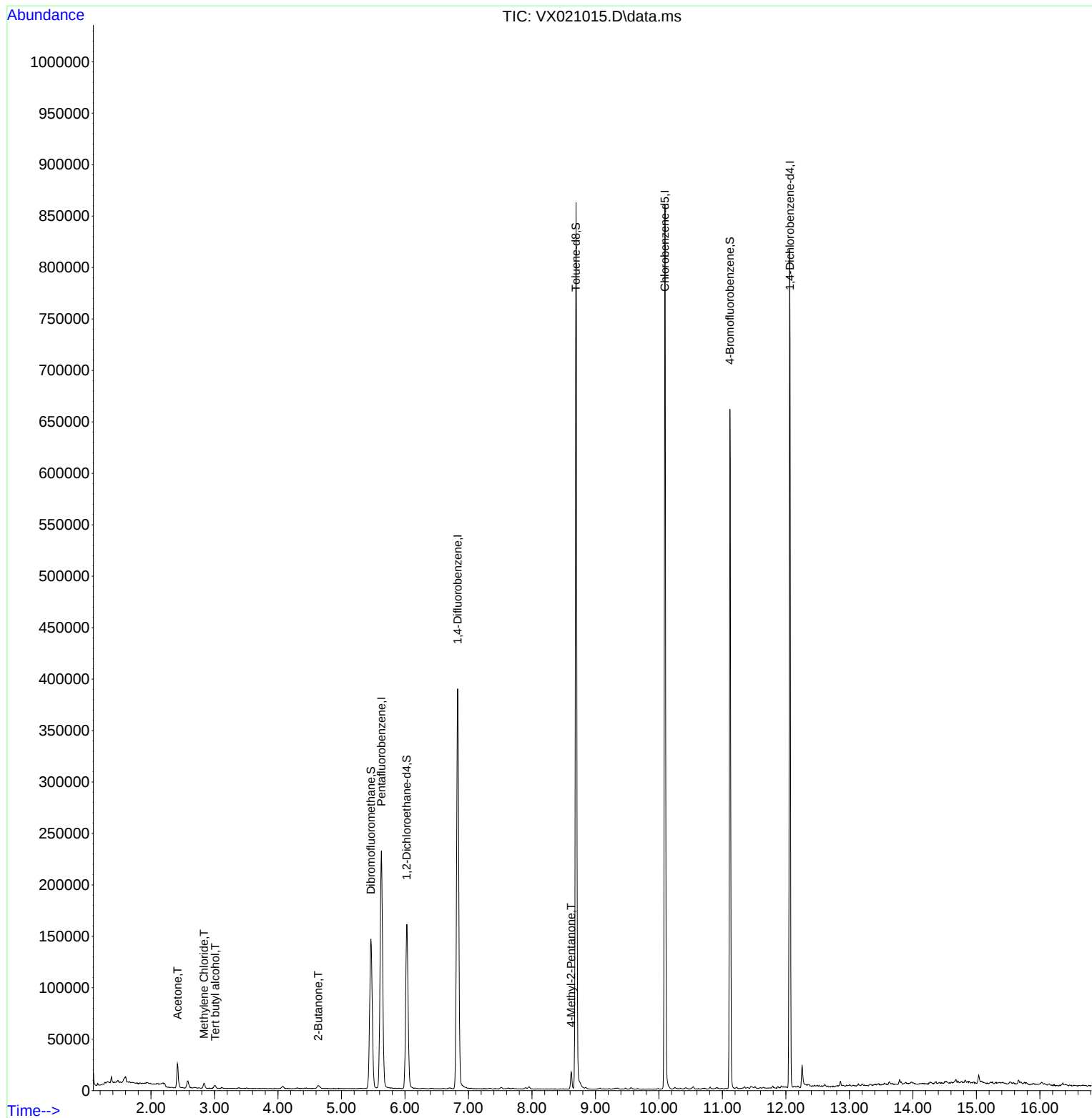
Internal Standards						
1) Pentafluorobenzene	5.629	168	226085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	416282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	396529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	168250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	151158	49.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.00%
35) Dibromofluoromethane	5.464	113	128897	50.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.92%
50) Toluene-d8	8.694	98	518294	52.56	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.12%
62) 4-Bromofluorobenzene	11.118	95	185163	50.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.56%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.011	59	3474	5.11	ug/l	96
16) Acetone	2.417	43	24511	19.48	ug/l	99
20) Methylene Chloride	2.835	84	2495	0.83	ug/l #	89
25) 2-Butanone	4.635	43	5491	2.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	9456	2.54	ug/l	99

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

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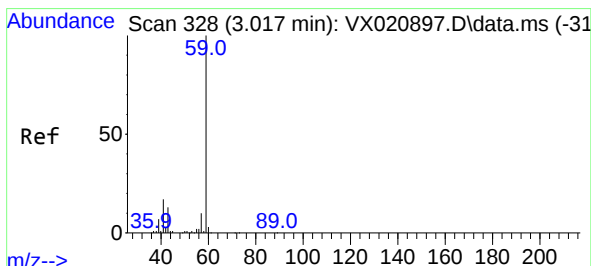
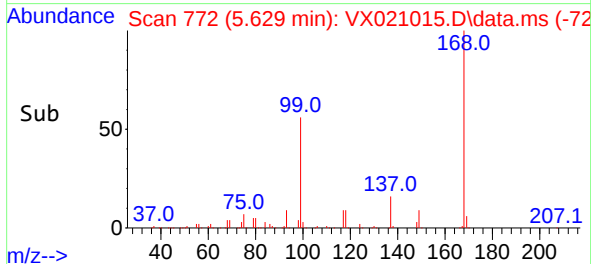
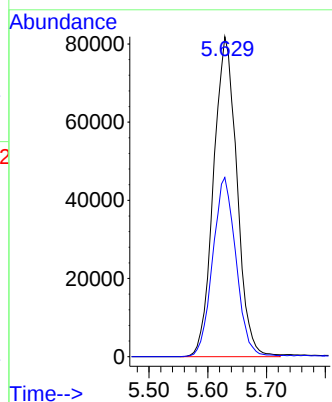
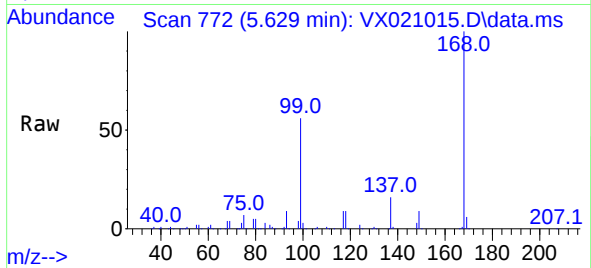




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

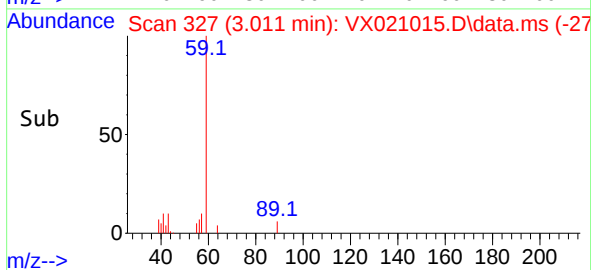
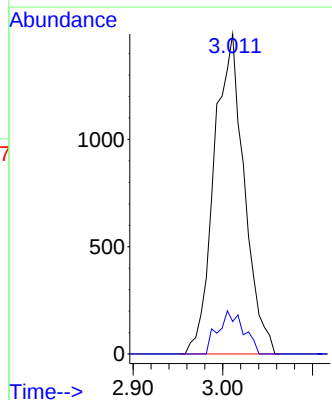
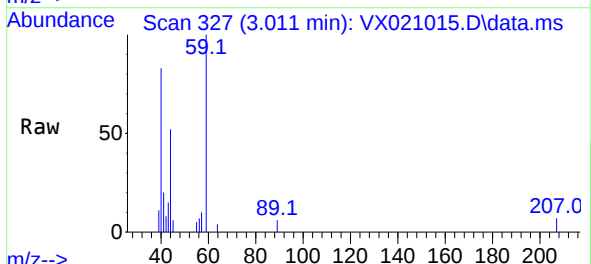
Instrument :
MSVOA_X
ClientSampleId :
435-416

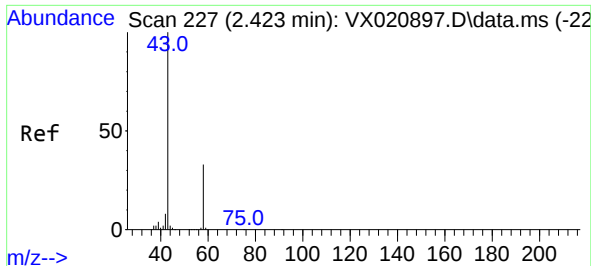
Tgt Ion:168 Resp: 226085
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 5.11 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 59 Resp: 3474
Ion Ratio Lower Upper
59 100
57 11.4 7.8 11.8

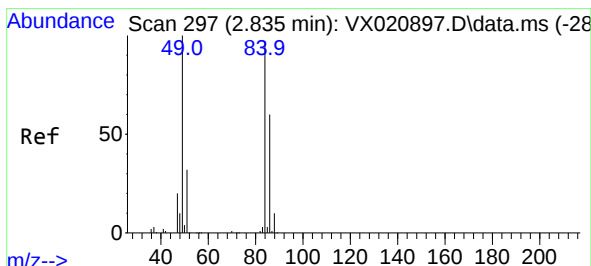
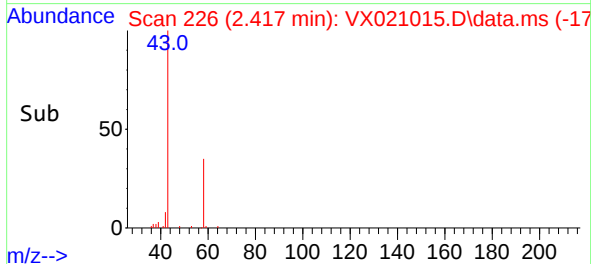
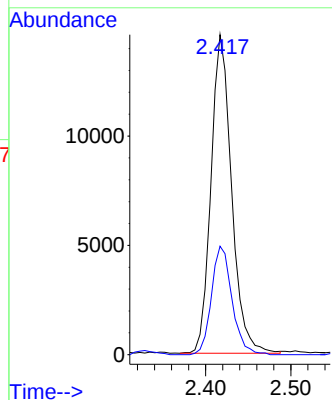
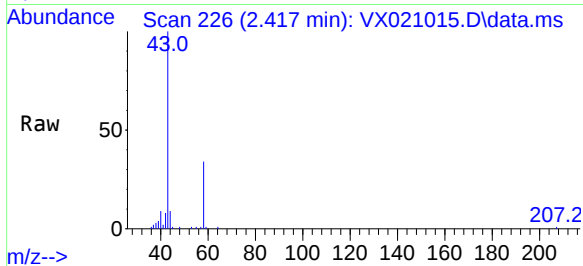




#16
Acetone
Concen: 19.48 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

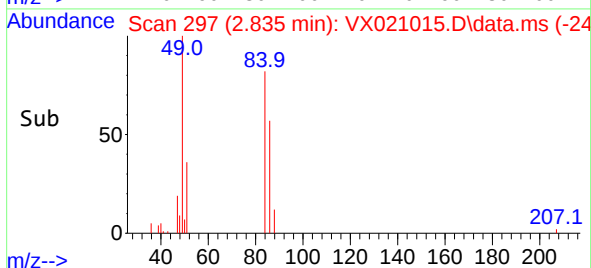
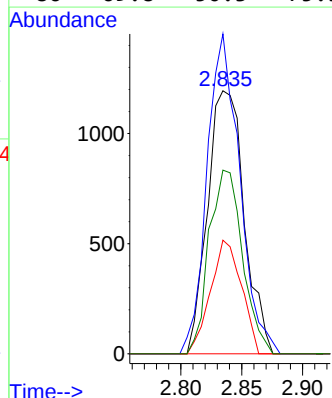
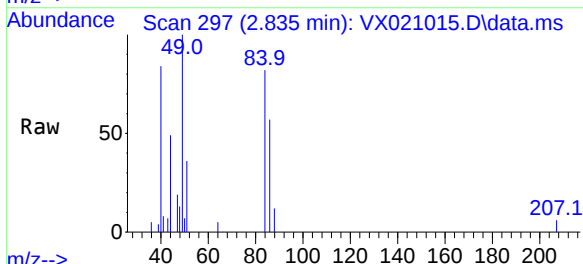
Instrument :
MSVOA_X
ClientSampleId :
435-416

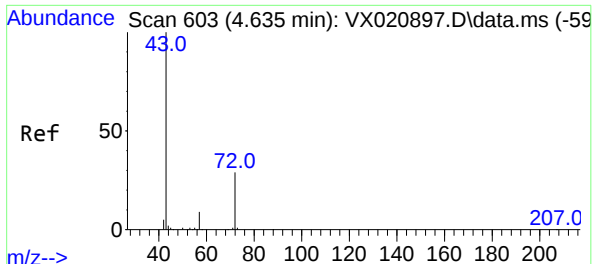
Tgt Ion: 43 Resp: 24511
Ion Ratio Lower Upper
43 100
58 34.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.83 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 84 Resp: 2495
Ion Ratio Lower Upper
84 100
49 121.6 88.6 132.8
51 43.2 27.0 40.6#
86 69.8 50.3 75.5

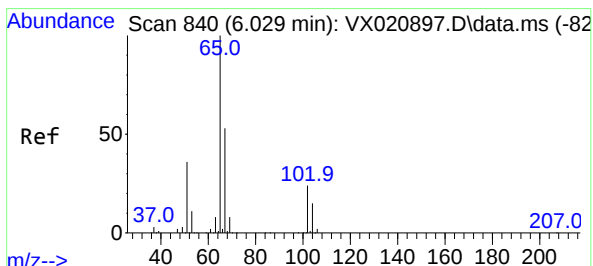
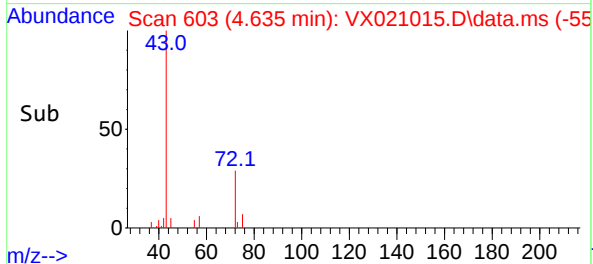
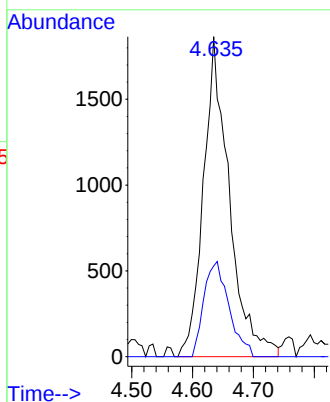
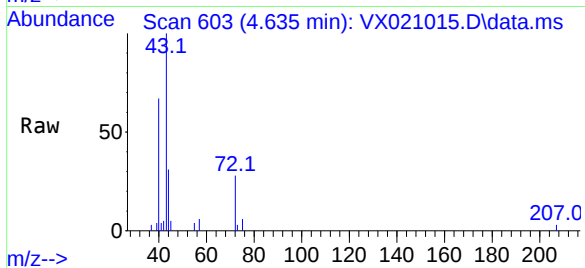




#25
2-Butanone
Concen: 2.87 ug/l
RT: 4.635 min Scan# 603
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

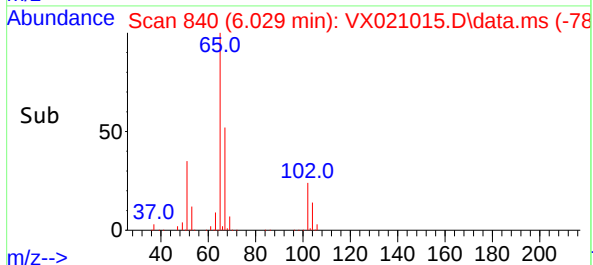
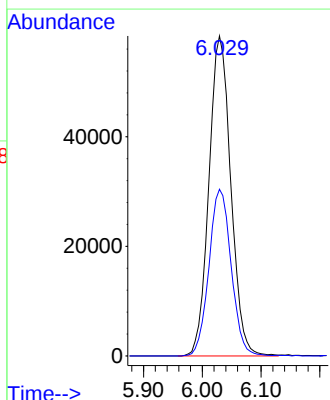
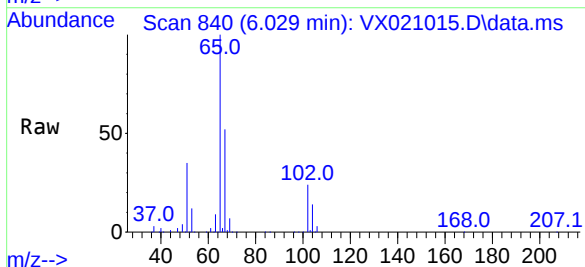
Instrument :
MSVOA_X
ClientSampleId :
435-416

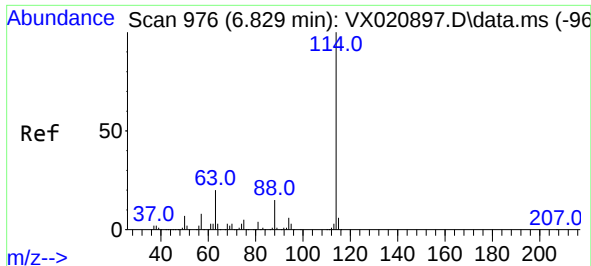
Tgt Ion: 43 Resp: 5491
Ion Ratio Lower Upper
43 100
72 28.4 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 49.50 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 65 Resp: 151158
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

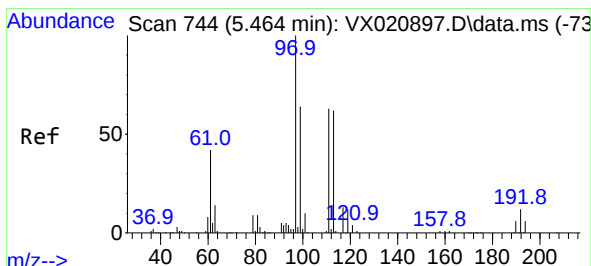
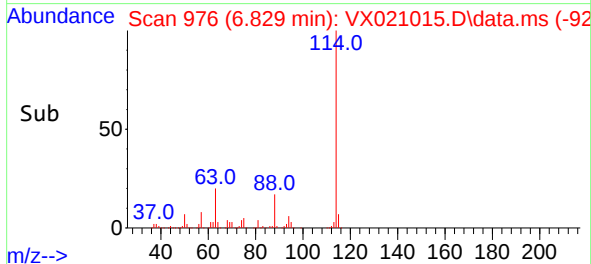
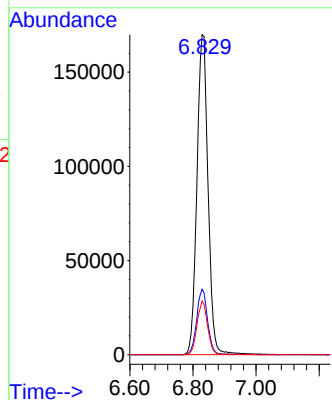
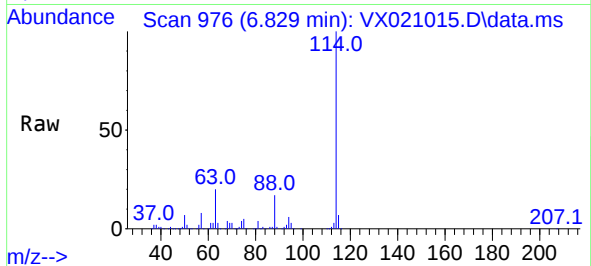




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

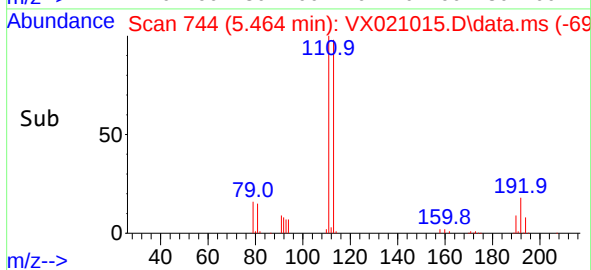
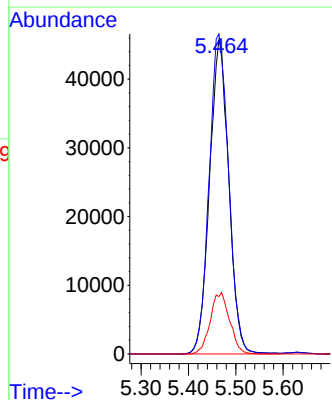
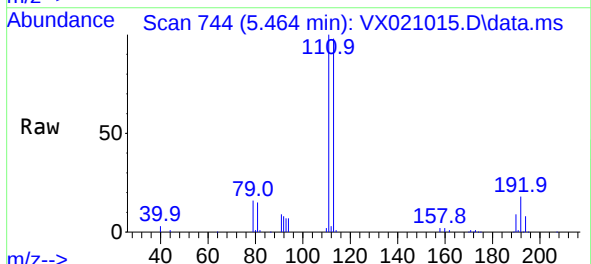
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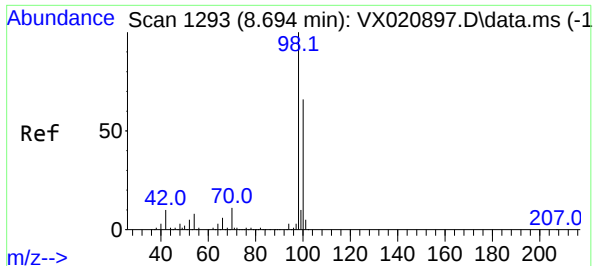
Tgt Ion:	114	Resp:	416282
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.8	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.96 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion:	113	Resp:	128897
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	19.7	16.7	25.1

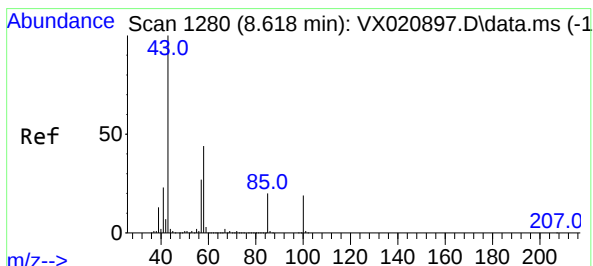
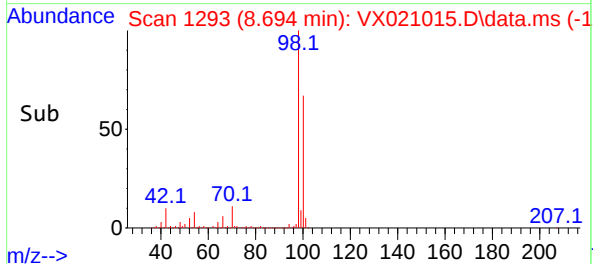
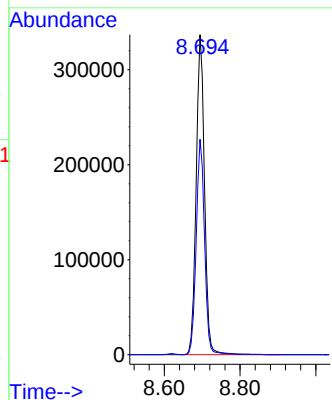
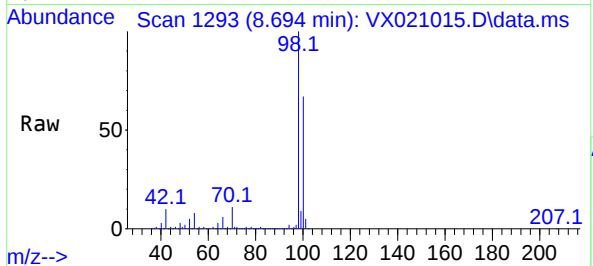




#50
Toluene-d8
Concen: 52.56 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

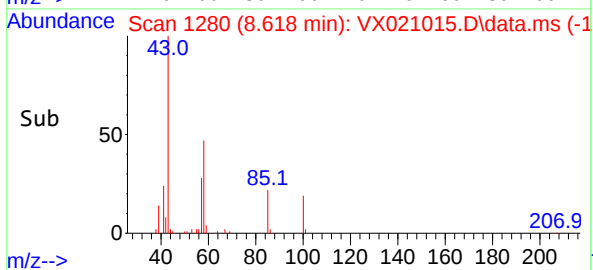
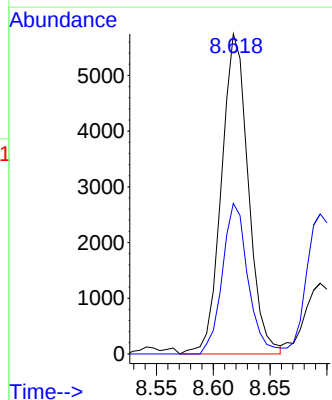
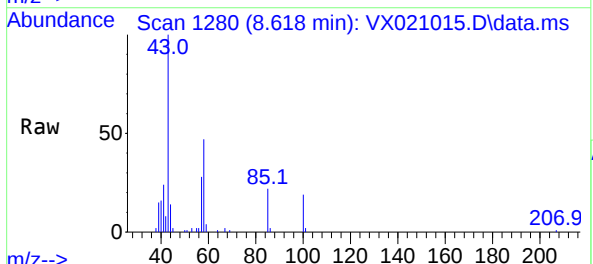
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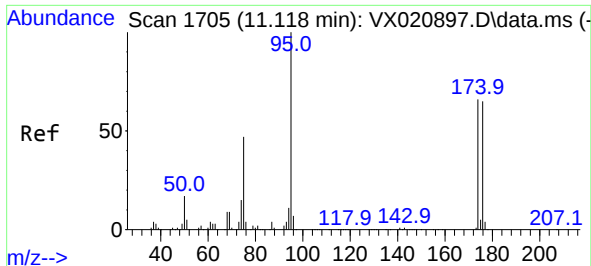
Tgt Ion: 98 Resp: 518294
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 2.54 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 43 Resp: 9456
Ion Ratio Lower Upper
43 100
58 45.0 35.4 53.0

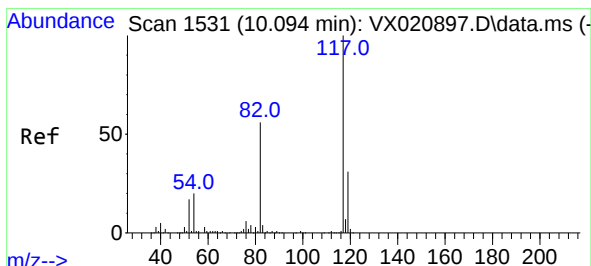
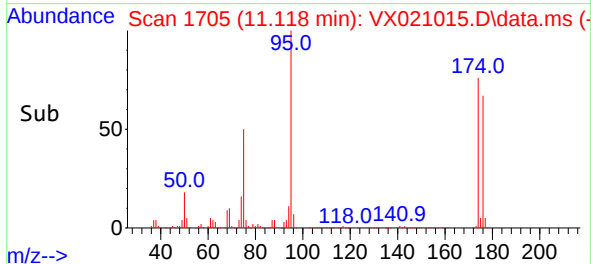
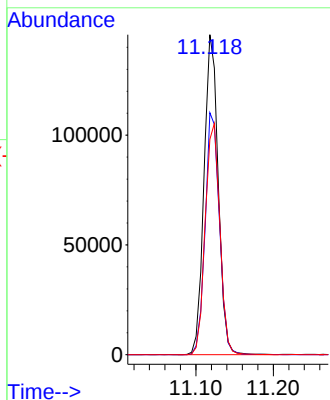
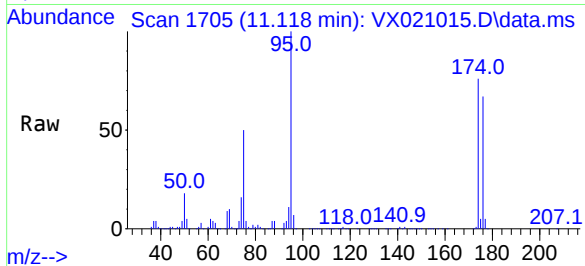




#62
4-Bromofluorobenzene
Concen: 50.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

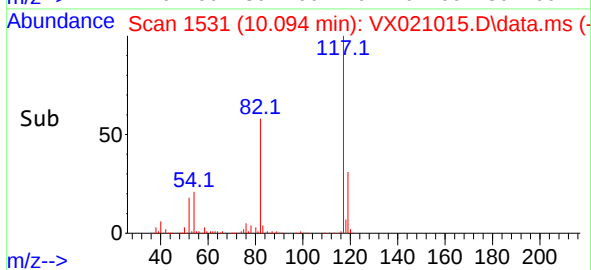
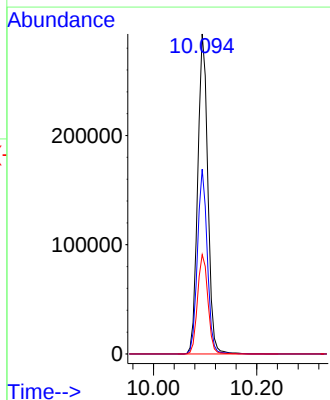
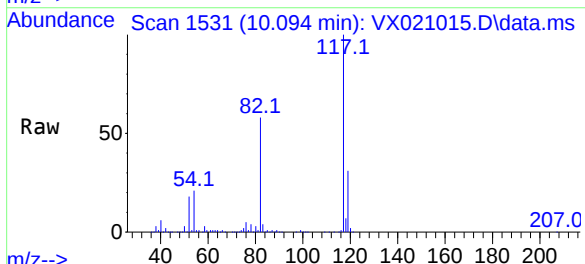
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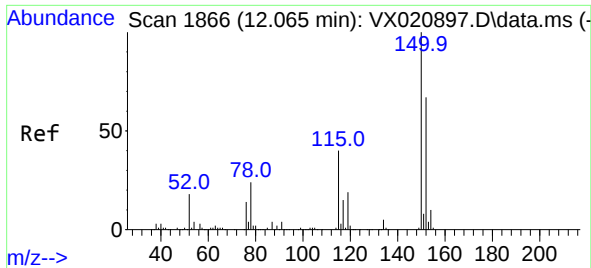
Tgt Ion: 95 Resp: 185163
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

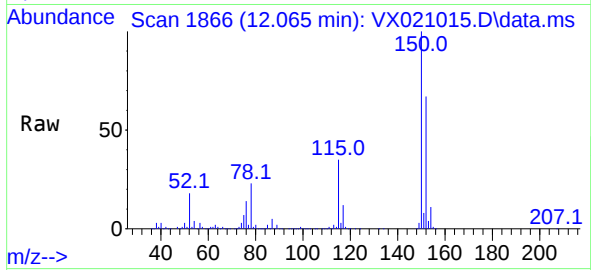
Tgt Ion: 117 Resp: 396529
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.0 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. -0.000 min
 Lab File: VX021015.D
 Acq: 04 Mar 2021 15:36

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 168250

Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.1	123.3
150	161.1	0.0	349.0

