

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034539.D
 Acq On : 16 Mar 2023 12:39
 Operator : JC/MD
 Sample : PB151426ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151426ZHE#01

Quant Time: Mar 17 06:23:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

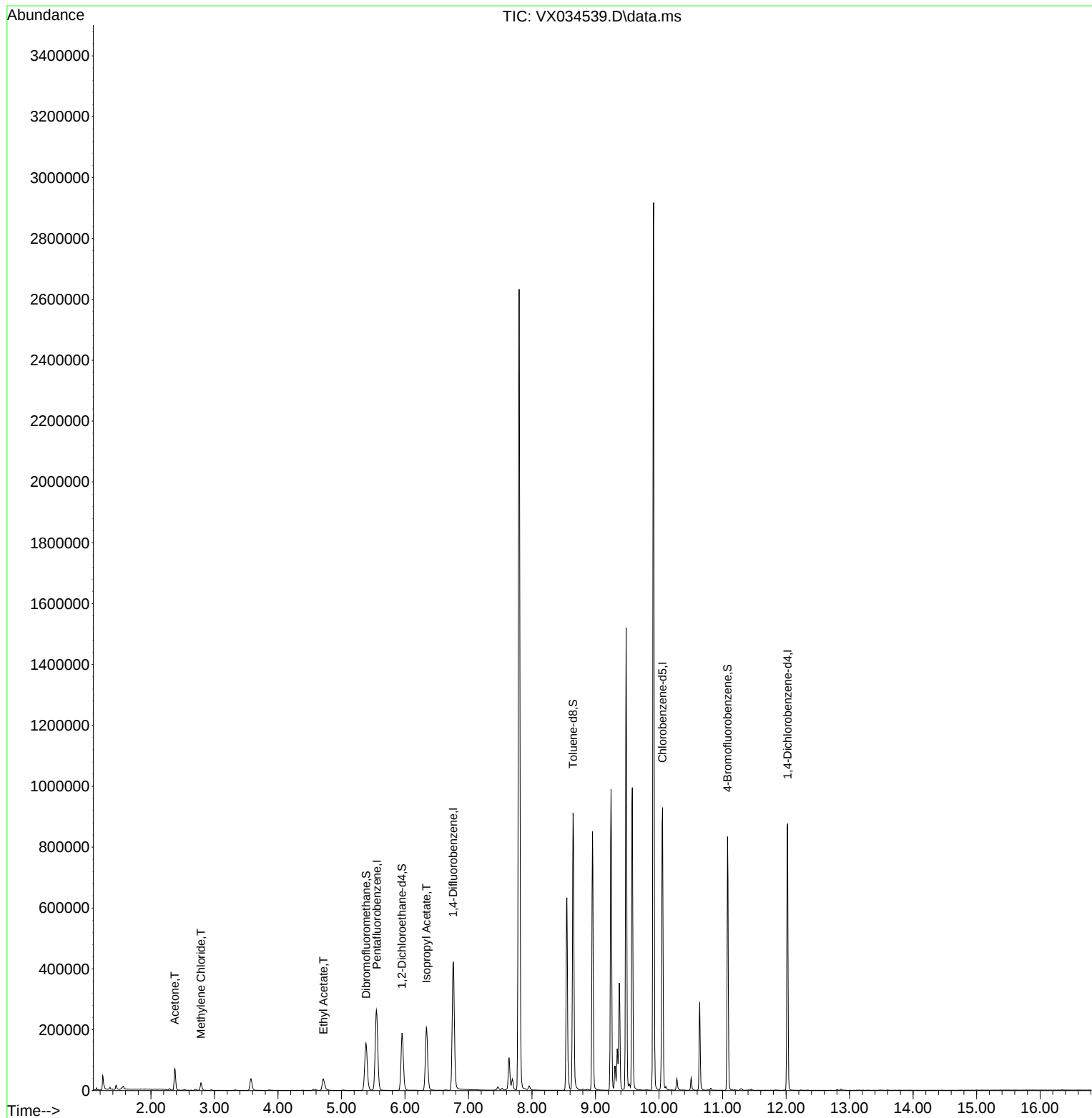
Internal Standards						
1) Pentafluorobenzene	5.556	168	250130	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	432225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174391	47.924	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.840%
35) Dibromofluoromethane	5.385	113	134355	47.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	521723	48.973	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	210026	48.808	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	78027	45.521	ug/l	99
20) Methylene Chloride	2.788	84	10590	3.183	ug/l	93
37) Ethyl Acetate	4.714	43	68653	14.337	ug/l	98
43) Isopropyl Acetate	6.336	43	287684	35.464	ug/l	100

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

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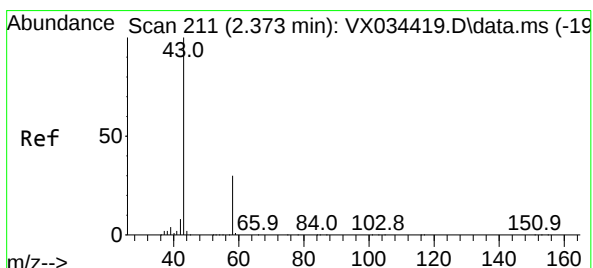
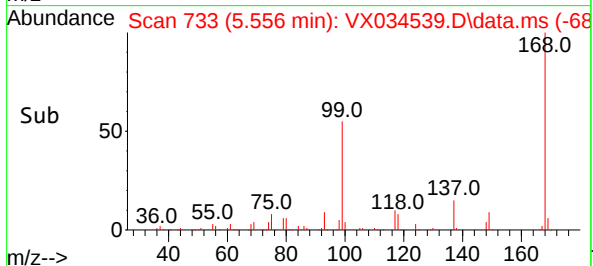
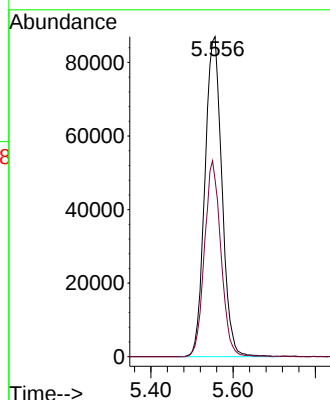
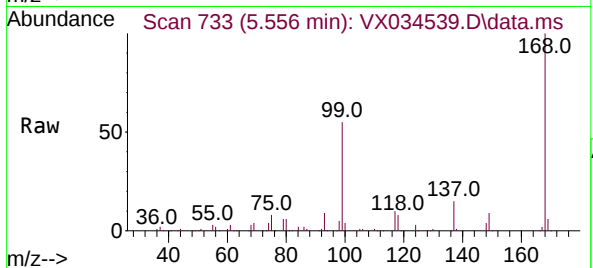




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

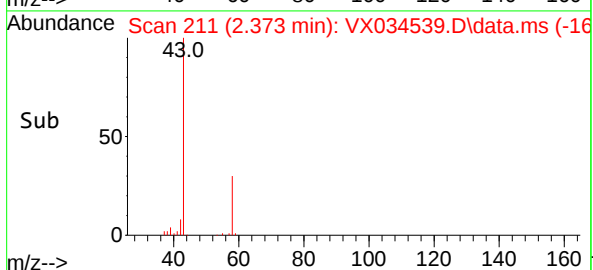
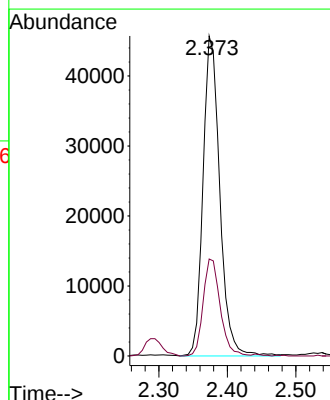
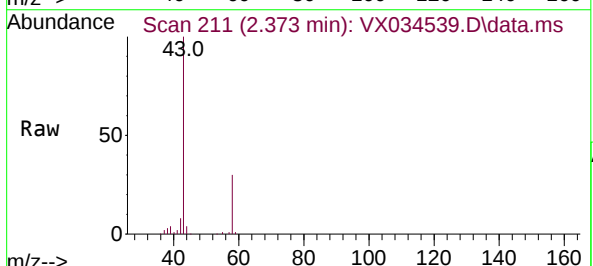
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#01

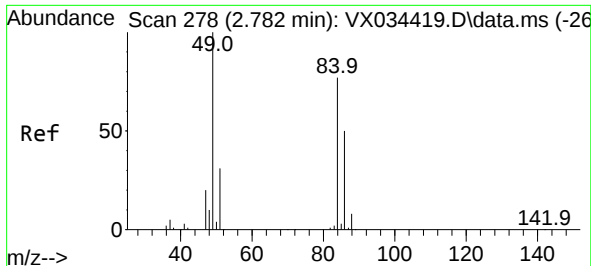
Tgt Ion:168 Resp: 250130
Ion Ratio Lower Upper
168 100
99 55.3 45.7 68.5



#16
Acetone
Concen: 45.521 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

Tgt Ion: 43 Resp: 78027
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1

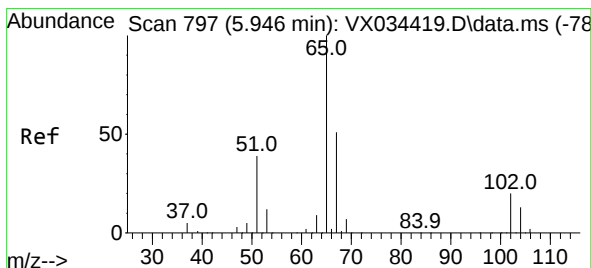
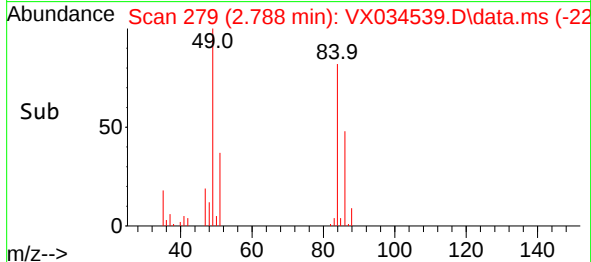
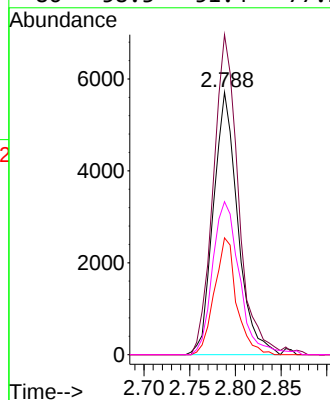
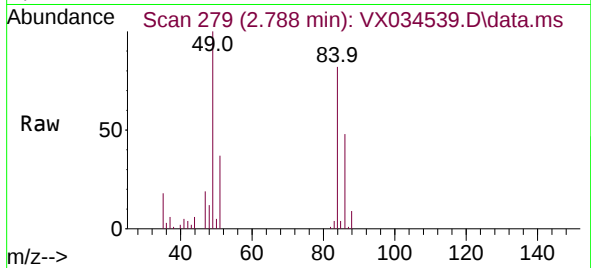




#20
Methylene Chloride
Concen: 3.183 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

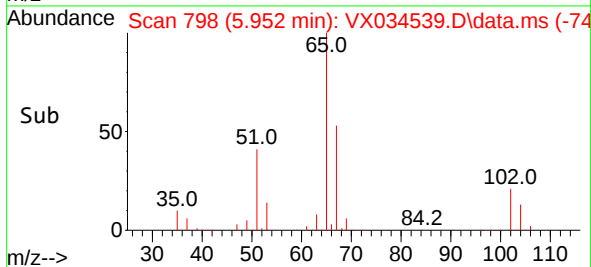
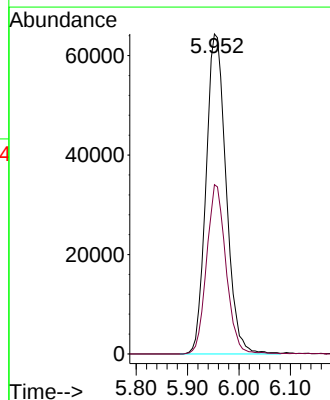
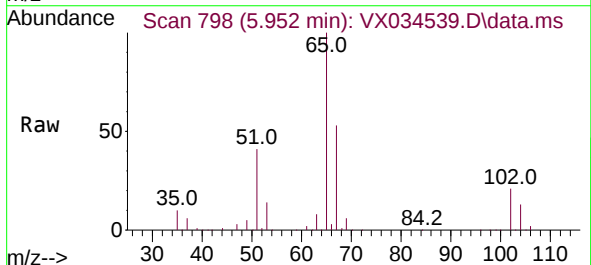
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#01

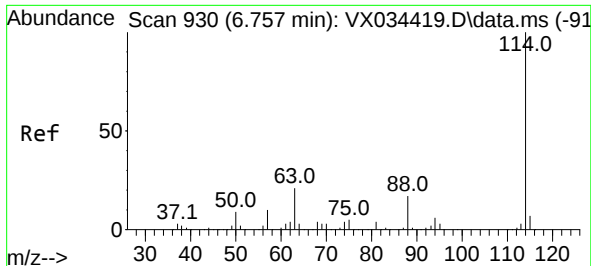
Tgt Ion:	84	Resp:	10590
Ion	Ratio	Lower	Upper
84	100		
49	121.9	103.8	155.8
51	44.5	31.8	47.8
86	58.3	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 47.924 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

Tgt Ion:	65	Resp:	174391
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0

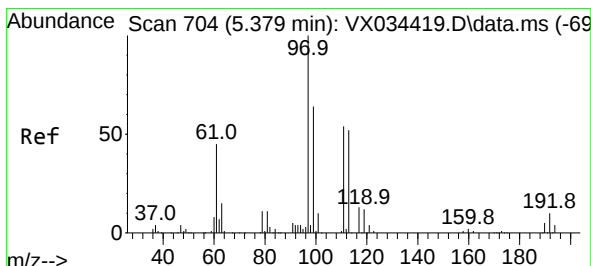
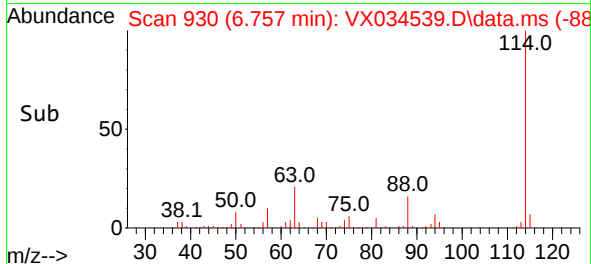
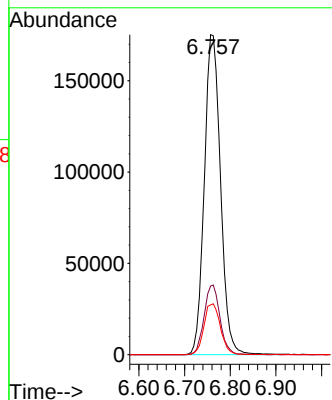
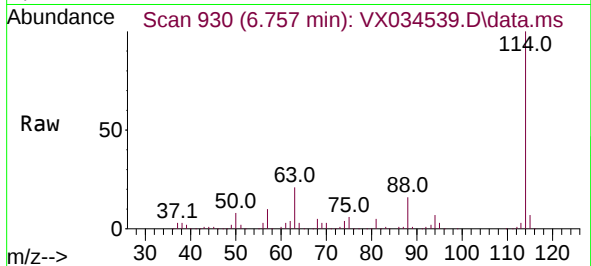




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

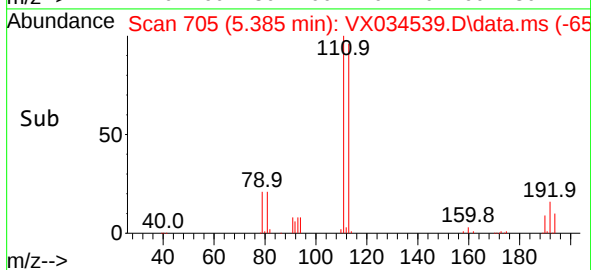
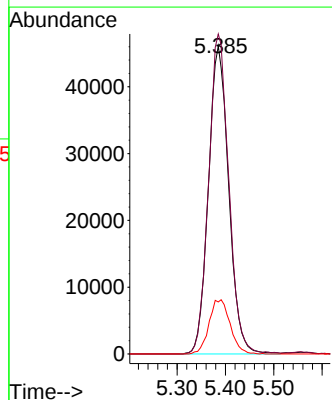
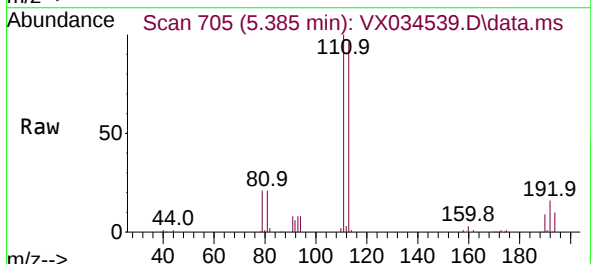
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#01

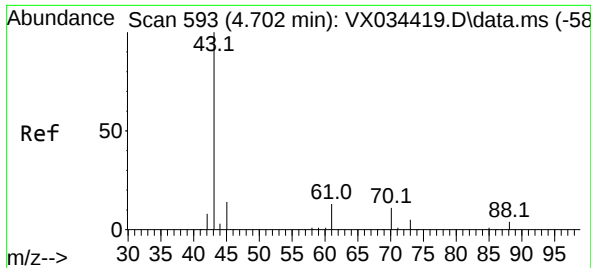
Tgt Ion:114 Resp: 432225
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.080 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

Tgt Ion:113 Resp: 134355
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.3 15.4 23.2

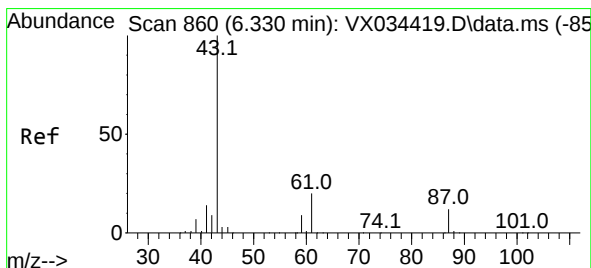
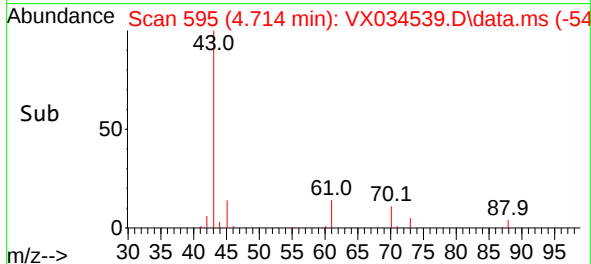
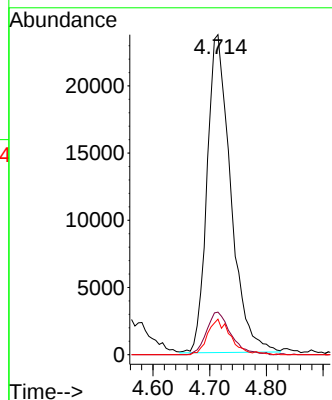
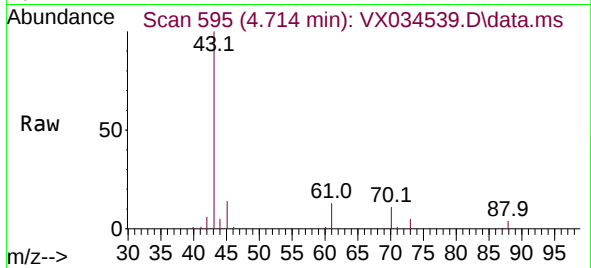




#37
Ethyl Acetate
Concen: 14.337 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

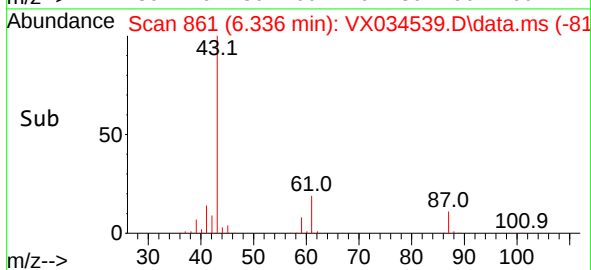
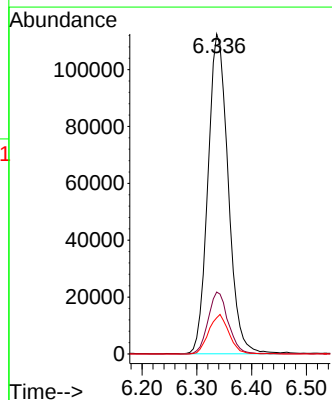
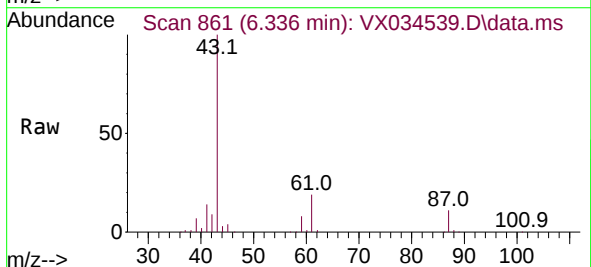
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ClientSampleId :
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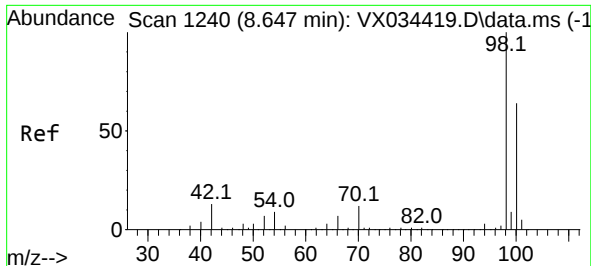
Tgt Ion:	43	Resp:	68653
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.2	15.4
70	10.6	8.2	12.4



#43
Isopropyl Acetate
Concen: 35.464 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

Tgt Ion:	43	Resp:	287684
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.2	9.8	14.8

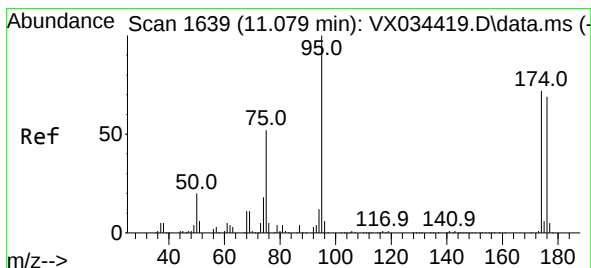
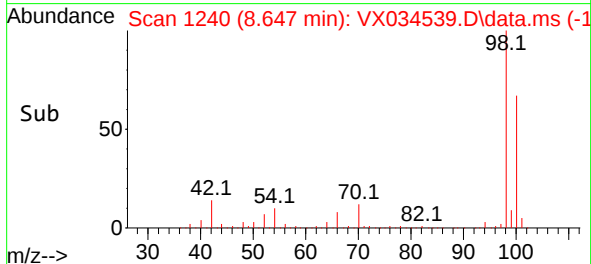
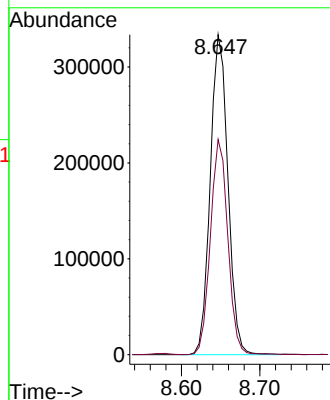
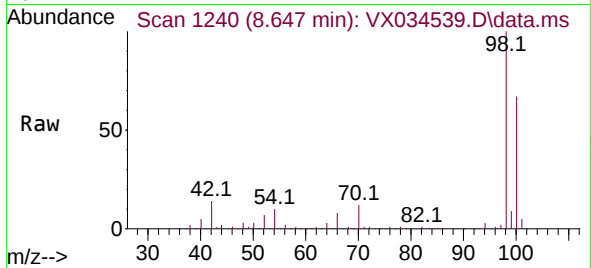




#50
Toluene-d8
Concen: 48.973 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

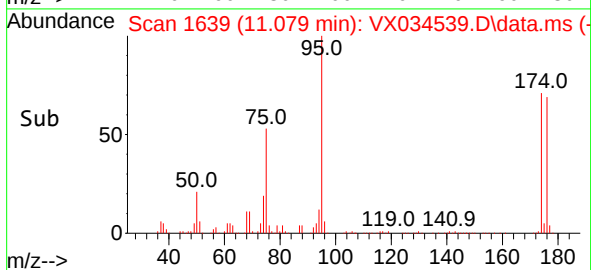
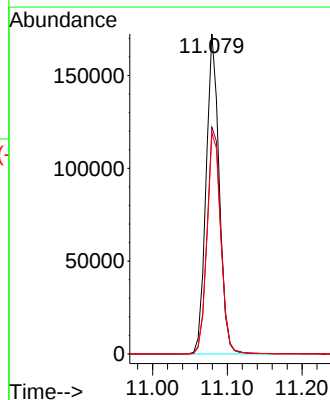
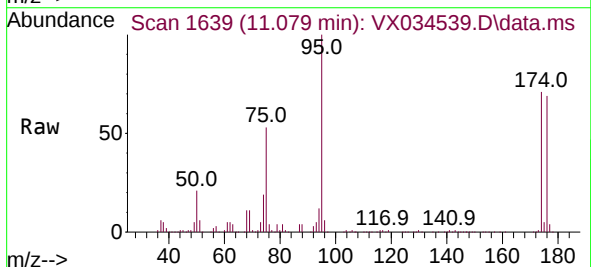
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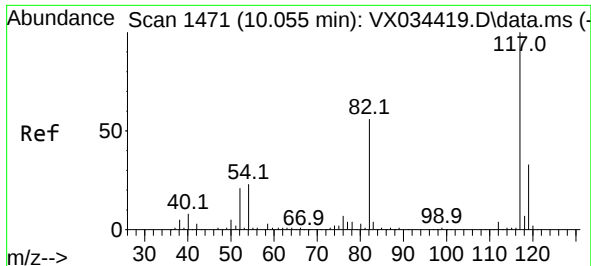
Tgt Ion: 98 Resp: 521723
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

Tgt Ion: 95 Resp: 210026
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.4
176 72.3 0.0 140.6

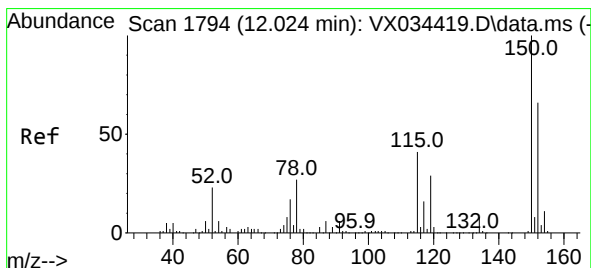
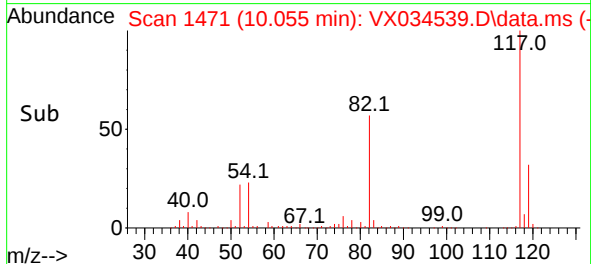
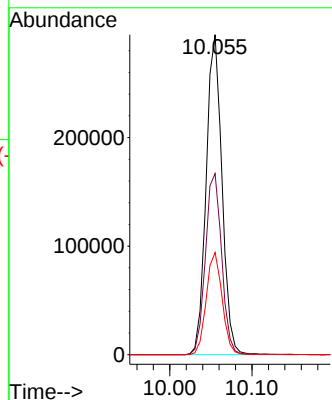
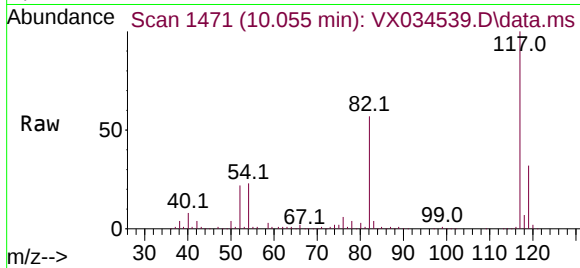




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

Instrument :
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PB151426ZHE#01

Tgt Ion:117 Resp: 393792
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034539.D
Acq: 16 Mar 2023 12:39

Tgt Ion:152 Resp: 175999
Ion Ratio Lower Upper
152 100
115 61.5 45.0 135.0
150 159.2 0.0 352.4

