

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034611.D
 Acq On : 18 Mar 2023 04:53
 Operator : JC/MD
 Sample : 01954-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SV-TP4-0316

Quant Time: Mar 20 00:17:00 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)

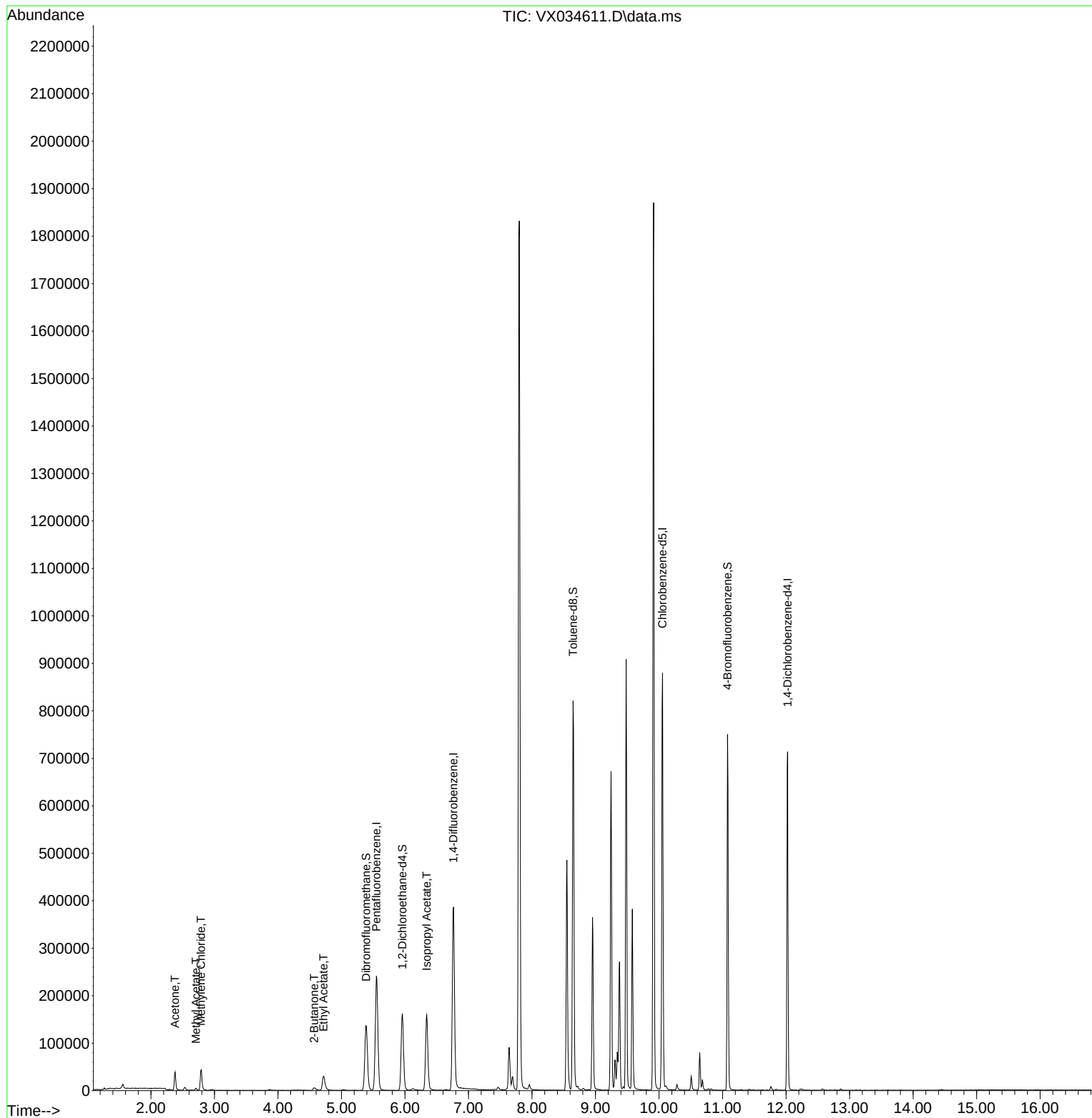
Internal Standards						
1) Pentafluorobenzene	5.550	168	222856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153709	47.410	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.820%
35) Dibromofluoromethane	5.385	113	119537	47.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	8.647	98	471799	50.212	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.420%
62) 4-Bromofluorobenzene	11.079	95	191464	50.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	39136	25.626	ug/l	99
18) Methyl Acetate	2.709	43	5232	1.048	ug/l	97
20) Methylene Chloride	2.788	84	20812	7.022	ug/l	93
25) 2-Butanone	4.568	43	11581	5.300	ug/l #	79
37) Ethyl Acetate	4.714	43	57405	13.592	ug/l	100
43) Isopropyl Acetate	6.342	43	221884	31.012	ug/l	99

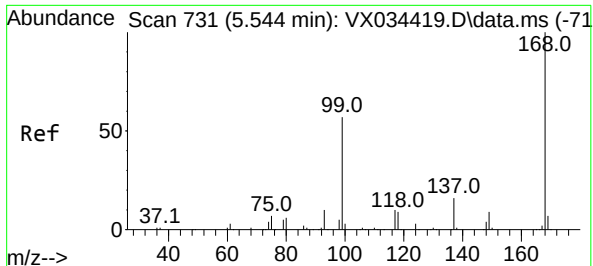
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 20 00:17:00 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

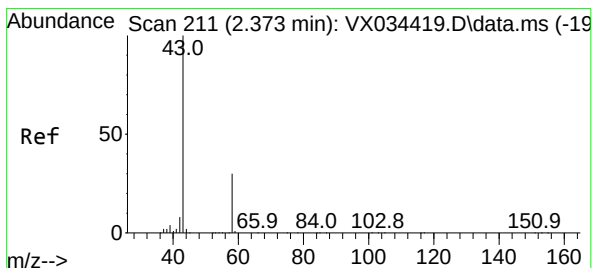
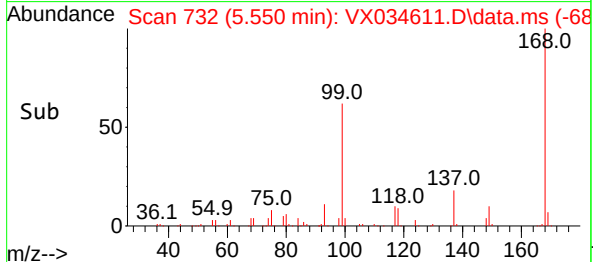
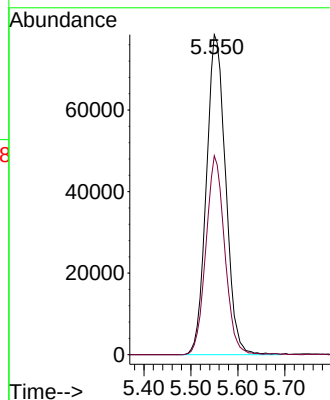
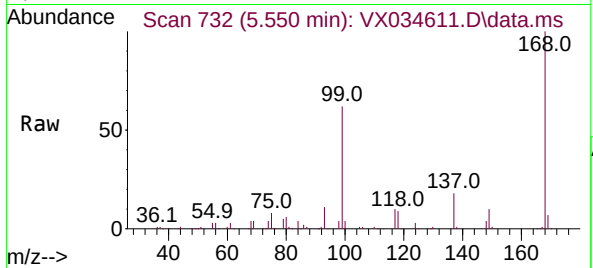




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

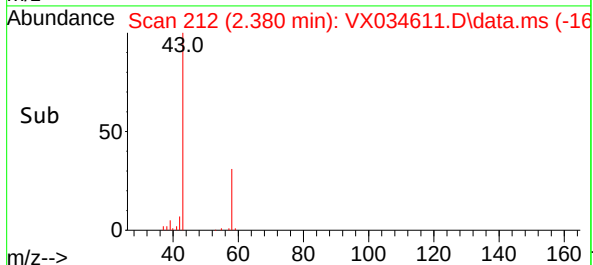
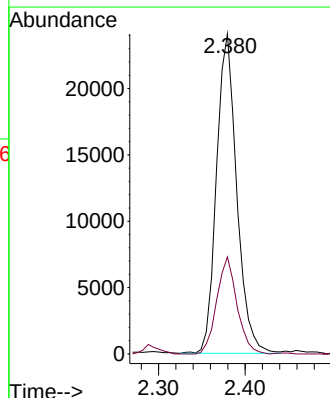
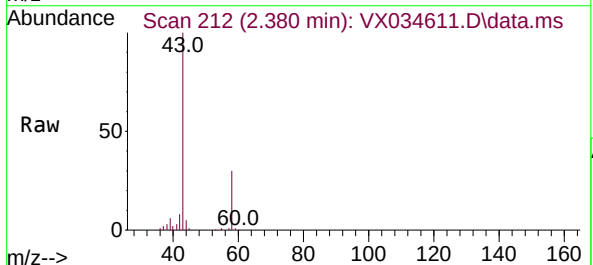
Instrument :
MSVOA_X
ClientSampleId :
SV-TP4-0316

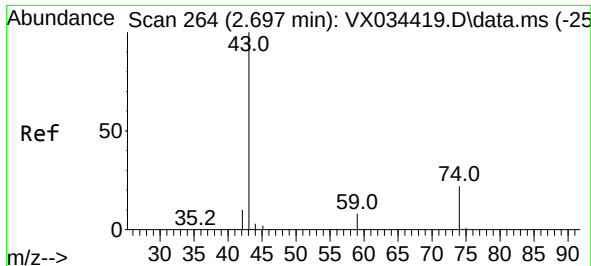
Tgt Ion:168 Resp: 222856
Ion Ratio Lower Upper
168 100
99 62.2 45.7 68.5



#16
Acetone
Concen: 25.626 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

Tgt Ion: 43 Resp: 39136
Ion Ratio Lower Upper
43 100
58 30.4 24.7 37.1

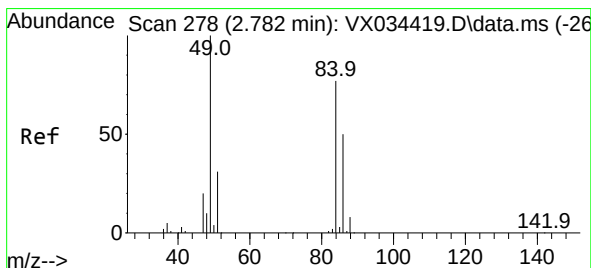
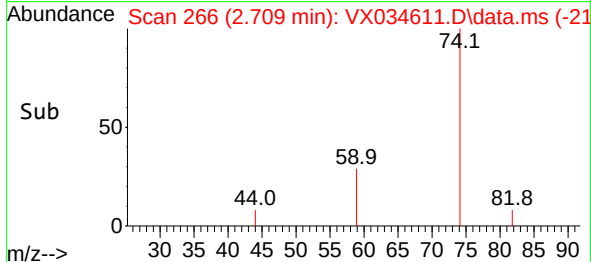
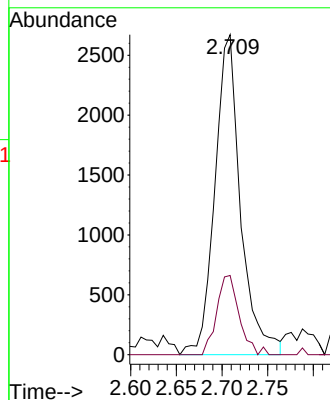
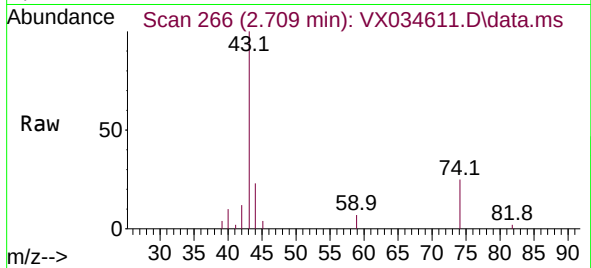




#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

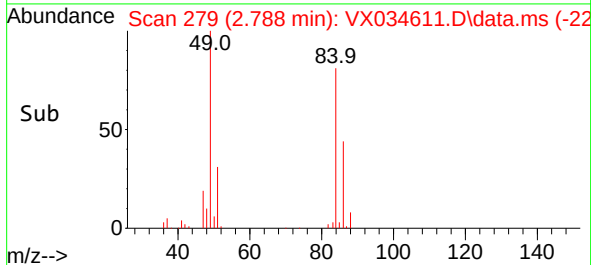
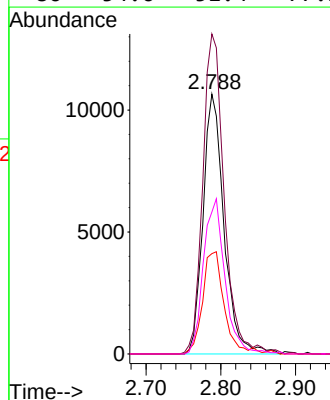
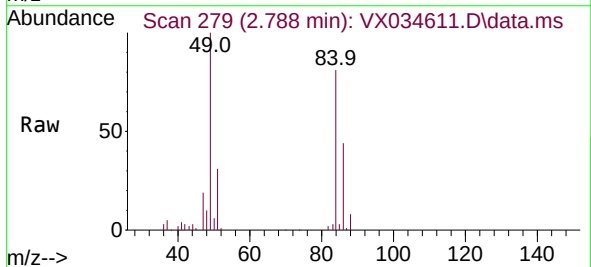
Instrument :
MSVOA_X
ClientSampleId :
SV-TP4-0316

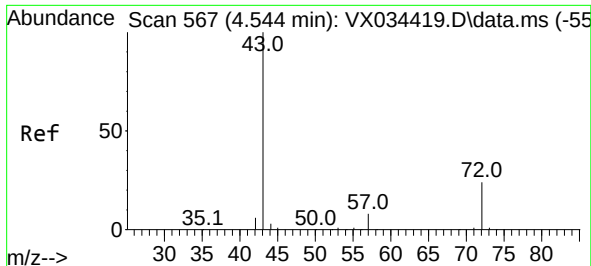
Tgt Ion: 43 Resp: 5232
Ion Ratio Lower Upper
43 100
74 21.7 18.3 27.5



#20
Methylene Chloride
Concen: 7.022 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

Tgt Ion: 84 Resp: 20812
Ion Ratio Lower Upper
84 100
49 123.1 103.8 155.8
51 38.6 31.8 47.8
86 54.6 51.4 77.2

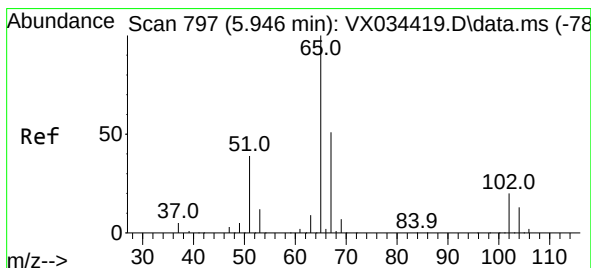
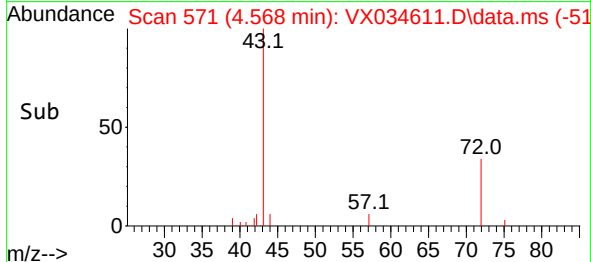
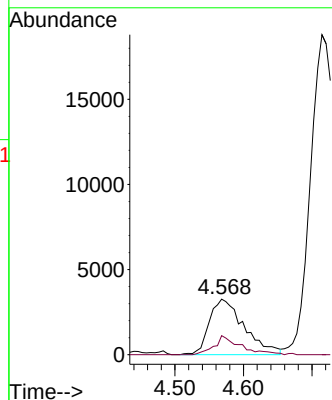
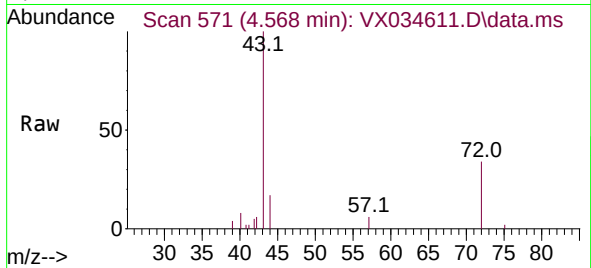




#25
2-Butanone
Concen: 5.300 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

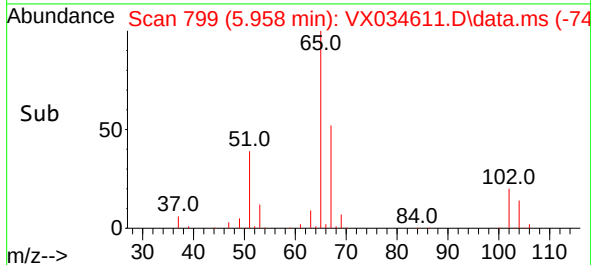
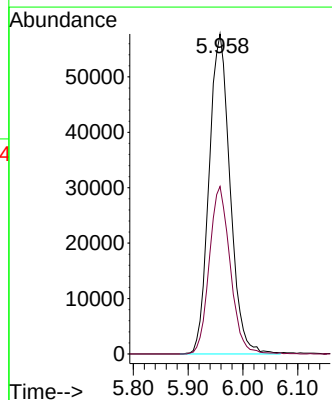
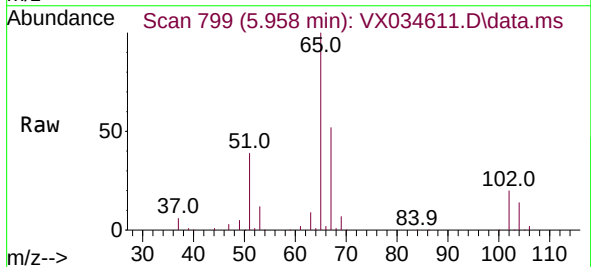
Instrument :
MSVOA_X
ClientSampleId :
SV-TP4-0316

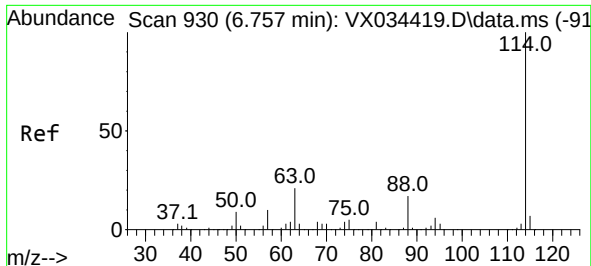
Tgt Ion: 43 Resp: 11581
Ion Ratio Lower Upper
43 100
72 34.3 19.3 28.9#



#33
1,2-Dichloroethane-d4
Concen: 47.410 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

Tgt Ion: 65 Resp: 153709
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

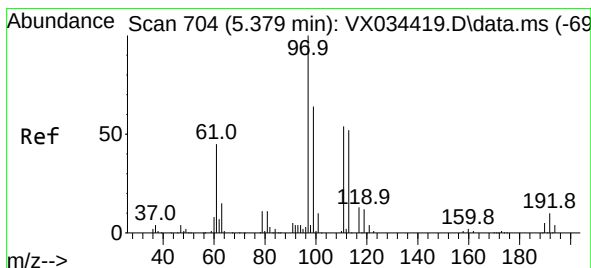
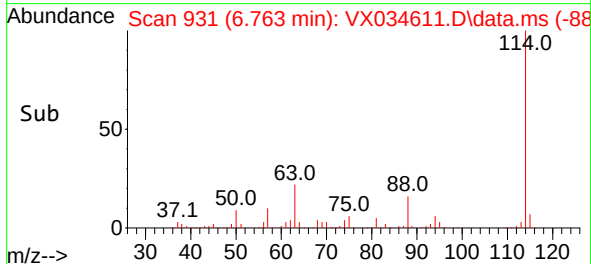
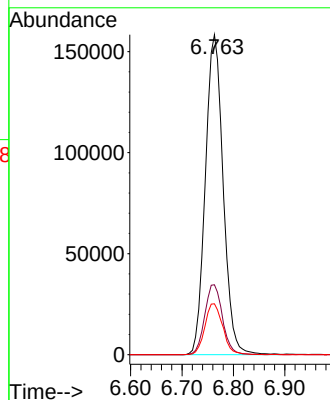
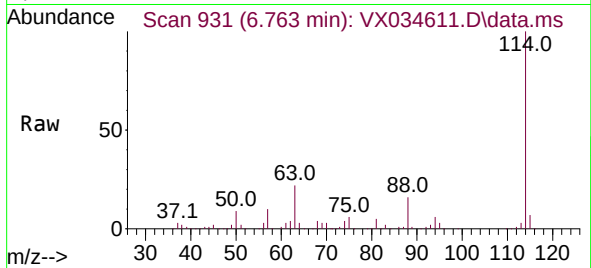




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

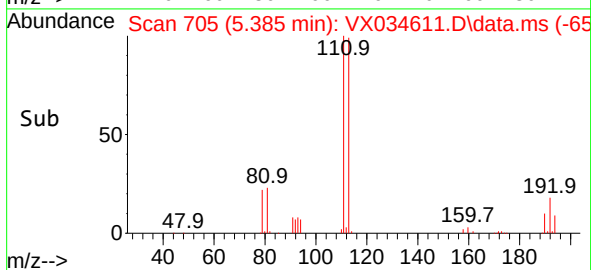
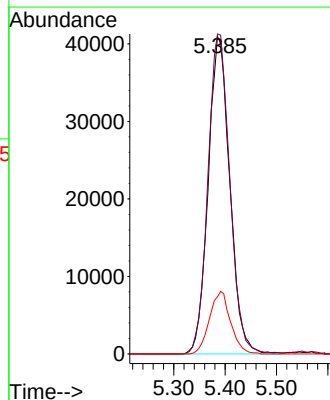
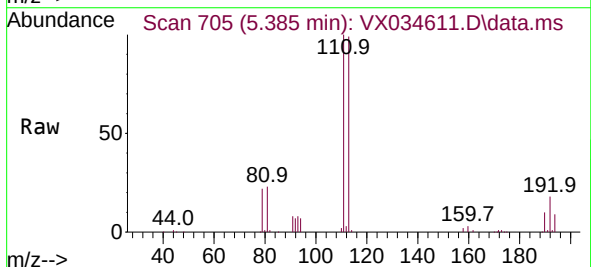
Instrument :
MSVOA_X
ClientSampleId :
SV-TP4-0316

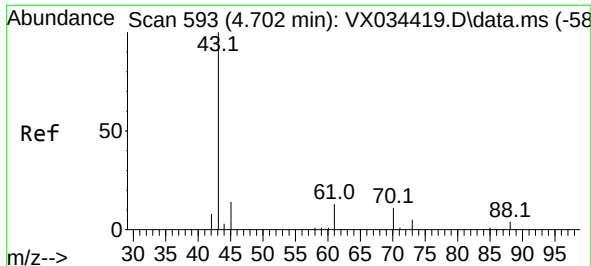
Tgt Ion:114 Resp: 381224
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.491 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

Tgt Ion:113 Resp: 119537
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 19.2 15.4 23.2





#37

Ethyl Acetate

Concen: 13.592 ug/l

RT: 4.714 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034611.D

Acq: 18 Mar 2023 04:53

Instrument :

MSVOA_X

ClientSampleId :

SV-TP4-0316

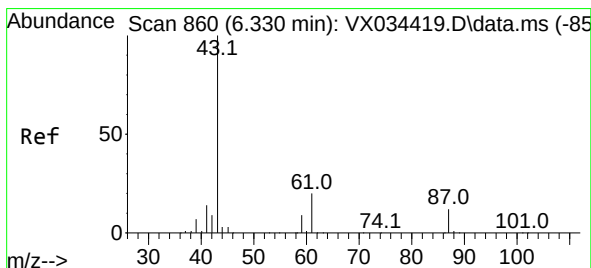
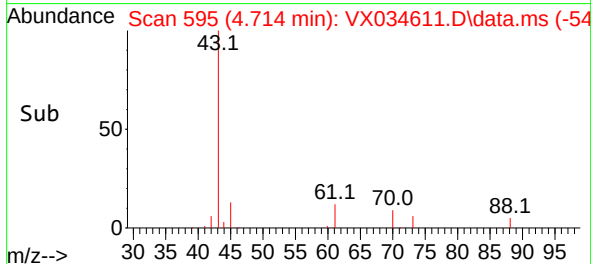
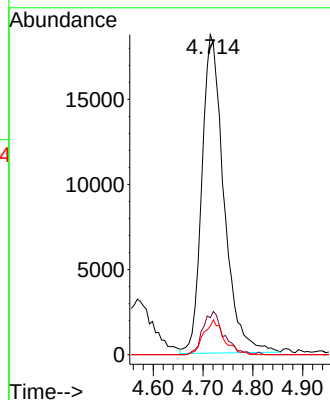
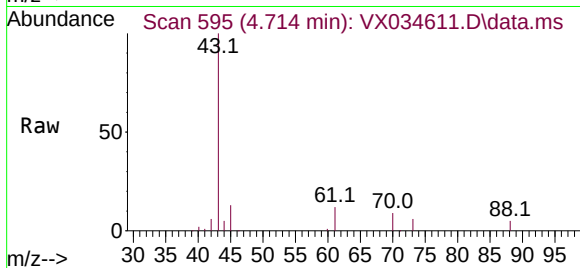
Tgt Ion: 43 Resp: 57405

Ion Ratio Lower Upper

43 100

61 12.9 10.2 15.4

70 10.0 8.2 12.4



#43

Isopropyl Acetate

Concen: 31.012 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX034611.D

Acq: 18 Mar 2023 04:53

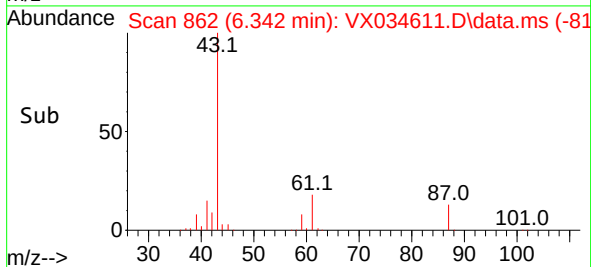
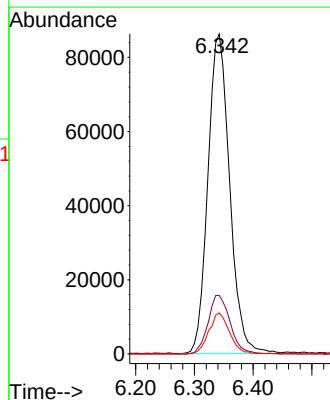
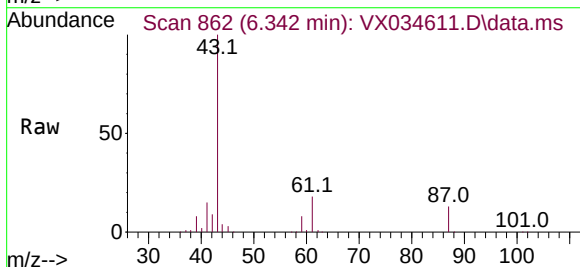
Tgt Ion: 43 Resp: 221884

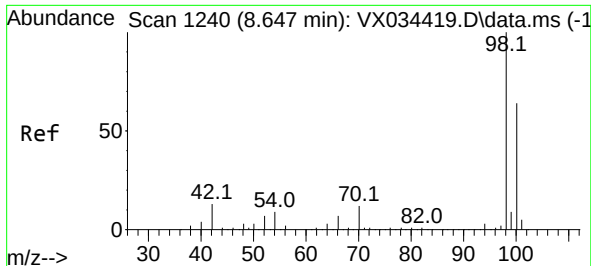
Ion Ratio Lower Upper

43 100

61 18.6 15.2 22.8

87 12.3 9.8 14.8

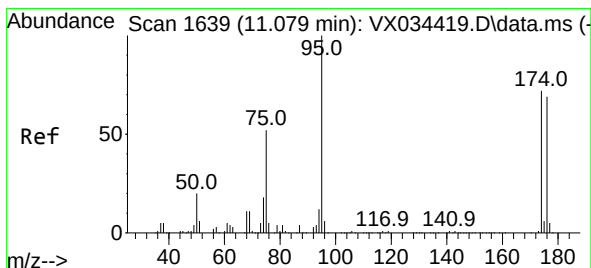
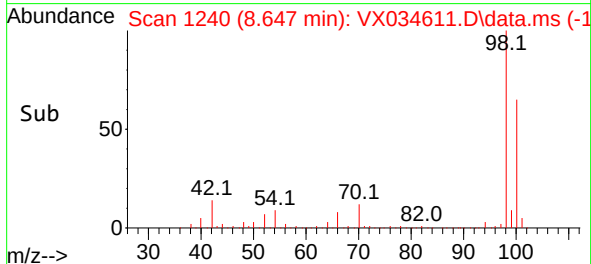
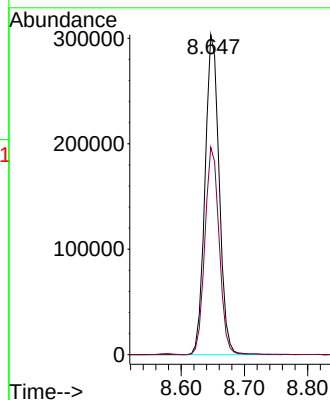
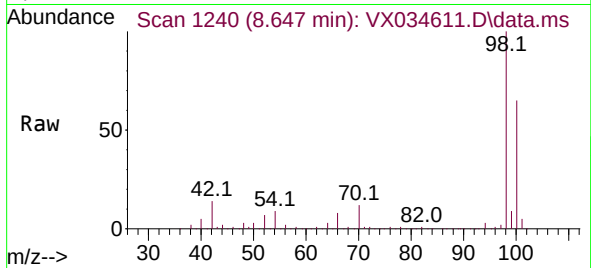




#50
Toluene-d8
Concen: 50.212 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

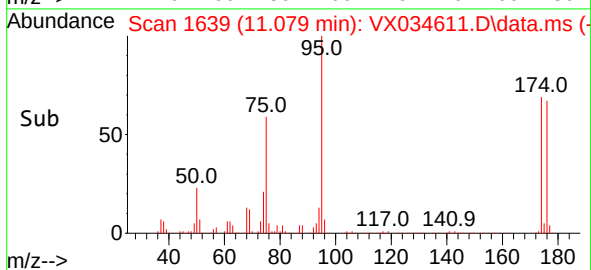
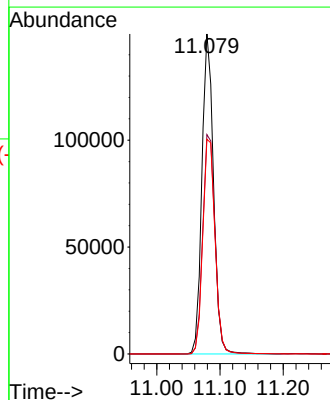
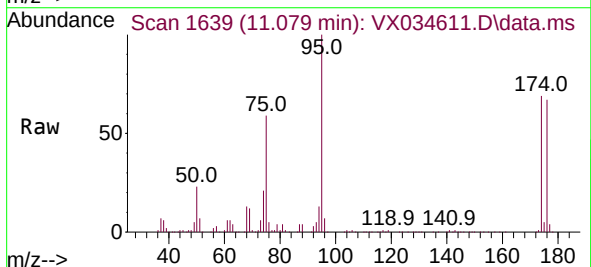
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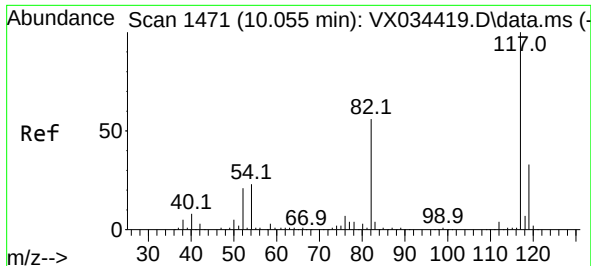
Tgt Ion: 98 Resp: 471799
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

Tgt Ion: 95 Resp: 191464
Ion Ratio Lower Upper
95 100
174 72.6 0.0 147.4
176 71.1 0.0 140.6

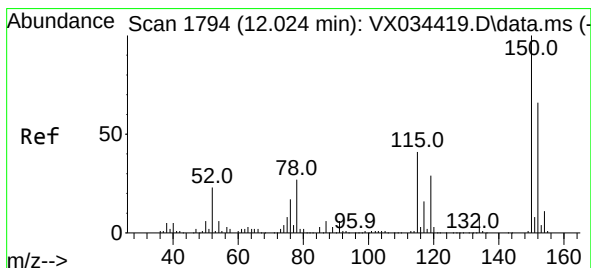
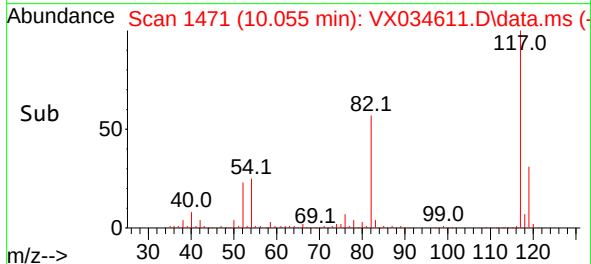
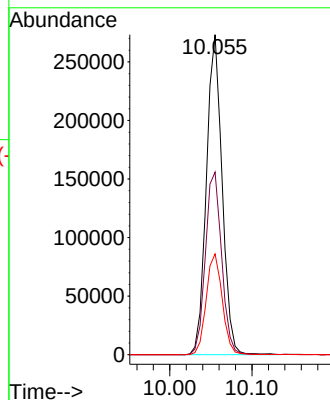
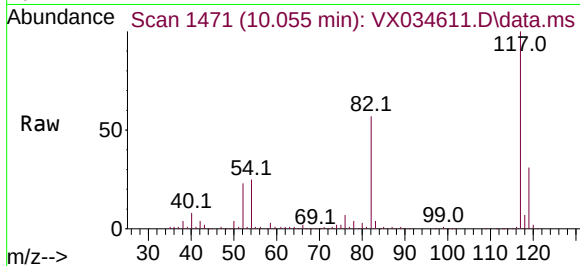




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034611.D
Acq: 18 Mar 2023 04:53

Instrument :
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ClientSampleId :
SV-TP4-0316

Tgt Ion:117 Resp: 362690
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 31.5 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: VX034611.D
Acq: 18 Mar 2023 04:53

Tgt Ion:152 Resp: 140451
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 156.5 0.0 352.4

