

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033465.D
 Acq On : 16 Dec 2022 17:00
 Operator : JC/MD
 Sample : N6089-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-24

Quant Time: Dec 17 08:11:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

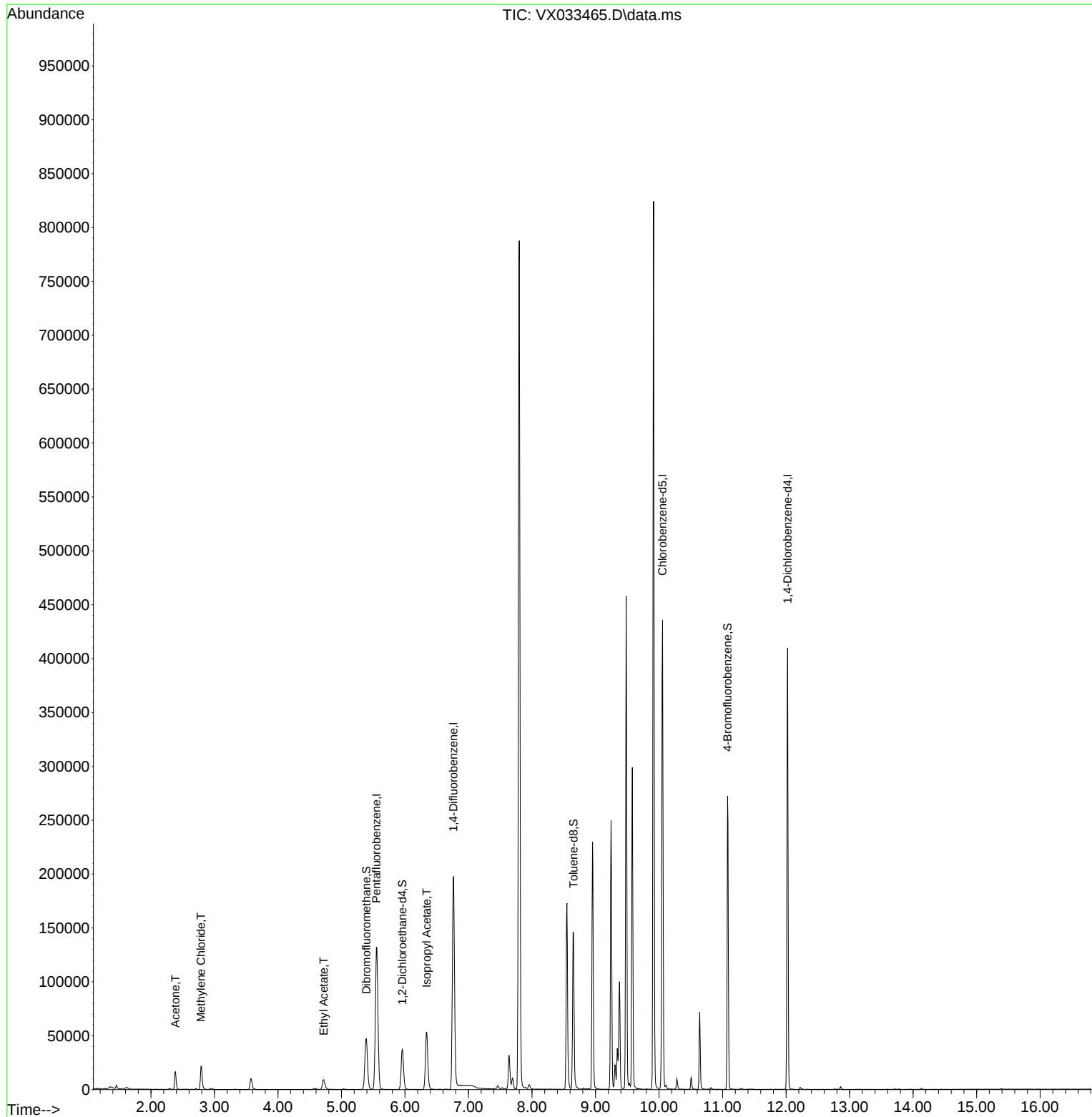
Internal Standards						
1) Pentafluorobenzene	5.550	168	128580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38168	46.271	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.540%
35) Dibromofluoromethane	5.391	113	42994	46.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	8.653	98	91573	47.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.100%
62) 4-Bromofluorobenzene	11.079	95	71564	48.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.200%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	18954	31.052	ug/l	99
20) Methylene Chloride	2.788	84	11348	8.336	ug/l	90
37) Ethyl Acetate	4.721	43	15873	9.355	ug/l	99
43) Isopropyl Acetate	6.342	43	73124	26.785	ug/l	100

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

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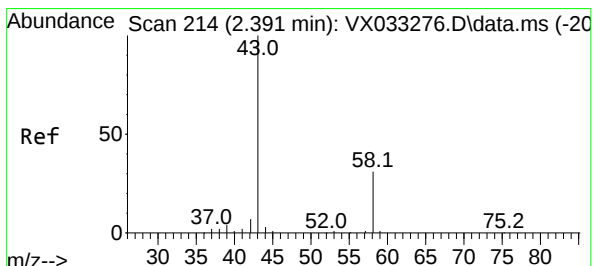
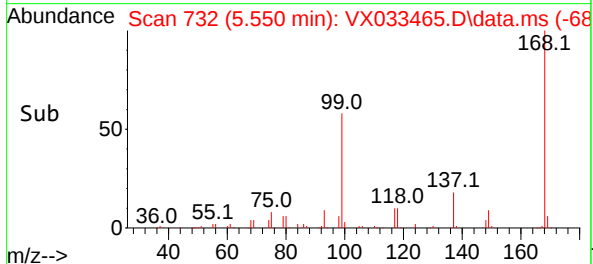
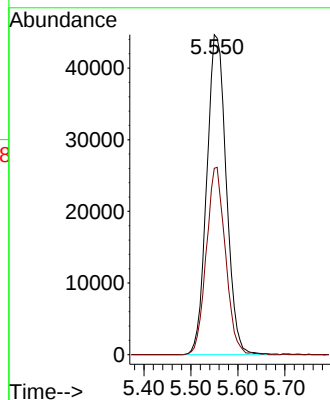
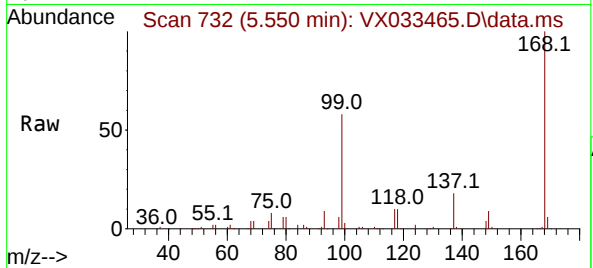




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

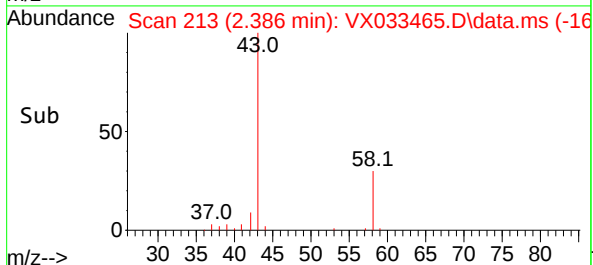
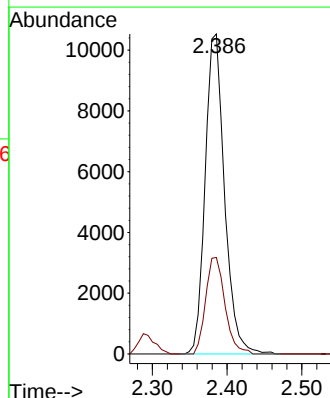
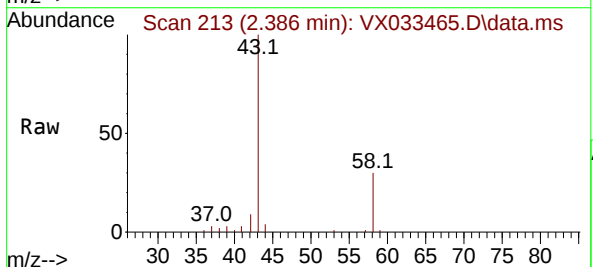
Instrument :
MSVOA_X
ClientSampleId :
MH-24

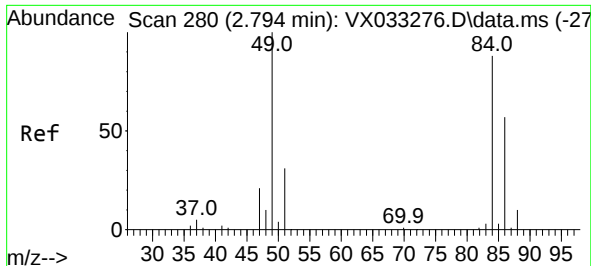
Tgt Ion:168 Resp: 128580
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#16
Acetone
Concen: 31.052 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

Tgt Ion: 43 Resp: 18954
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8

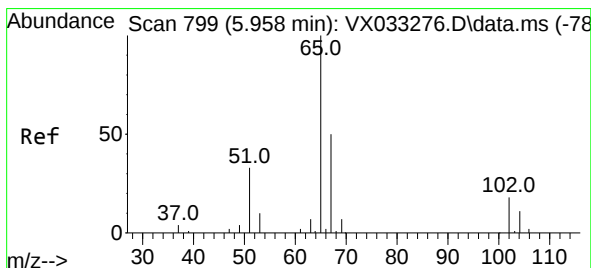
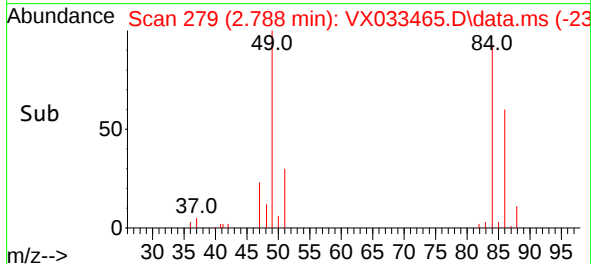
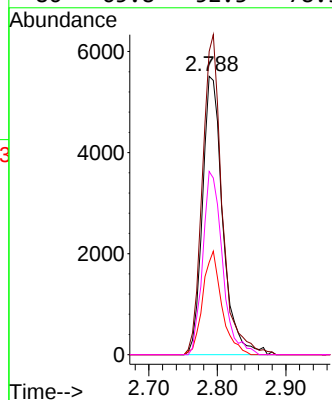
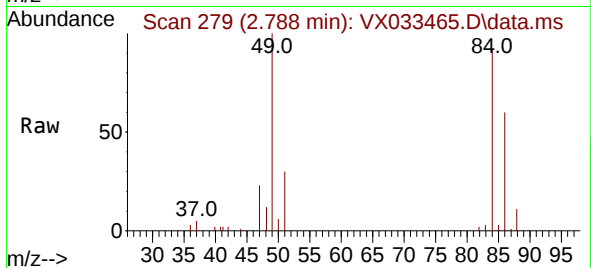




#20
Methylene Chloride
Concen: 8.336 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

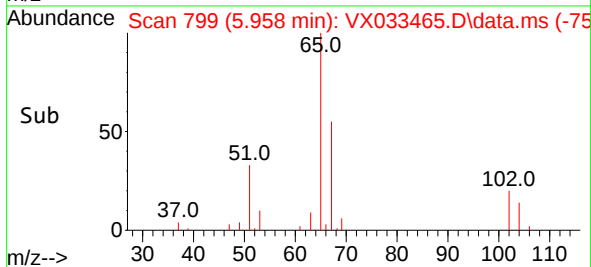
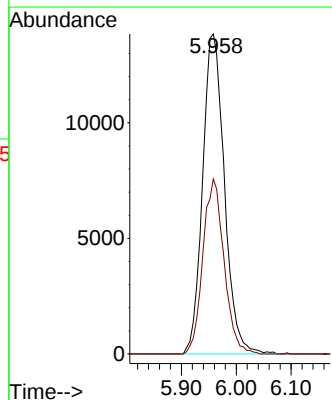
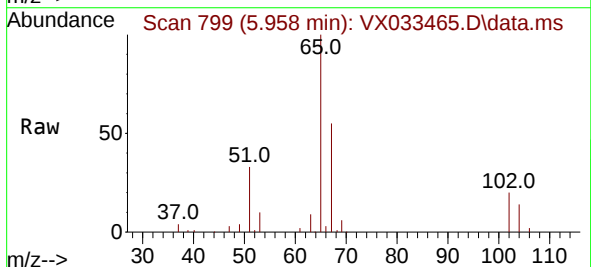
Instrument :
MSVOA_X
ClientSampleId :
MH-24

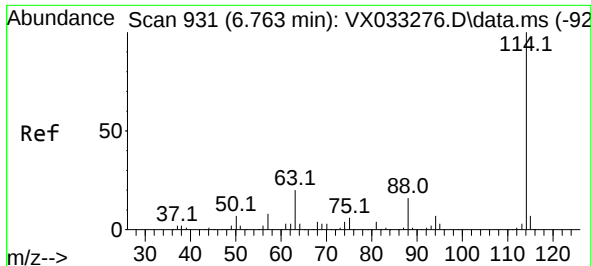
Tgt Ion:	84	Resp:	11348
Ion	Ratio	Lower	Upper
84	100		
49	108.9	101.0	151.6
51	33.2	31.1	46.7
86	65.8	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 46.271 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

Tgt Ion:	65	Resp:	38168
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	101.8

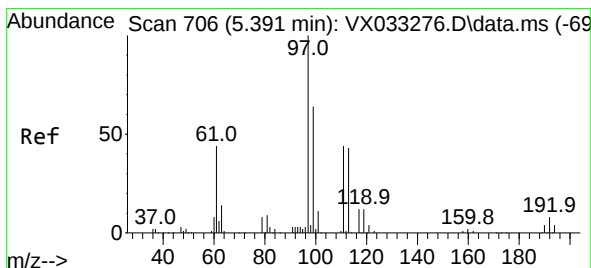
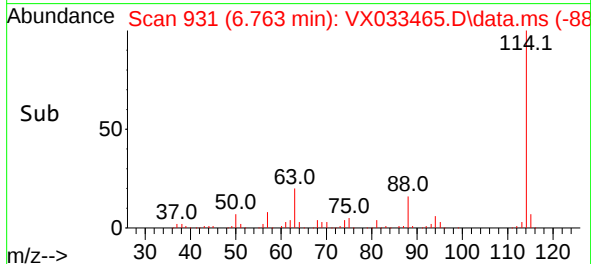
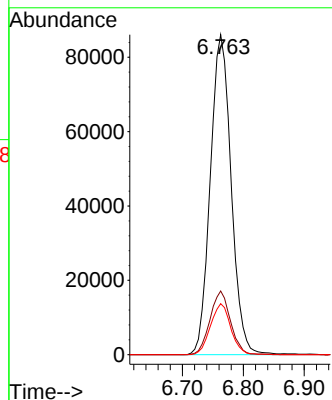
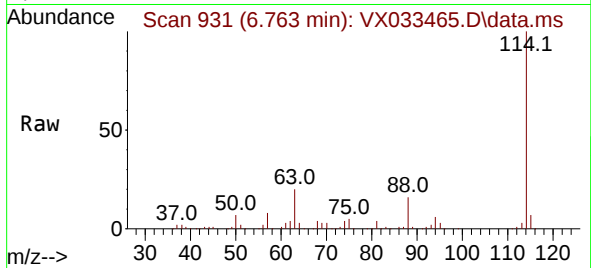




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

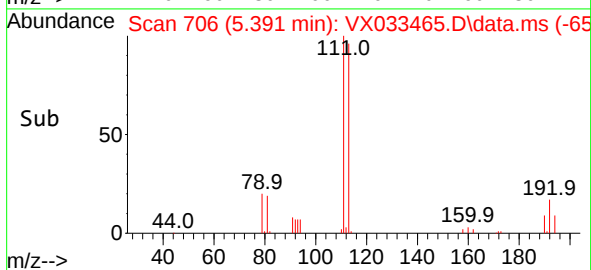
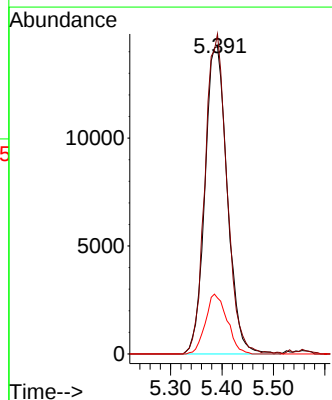
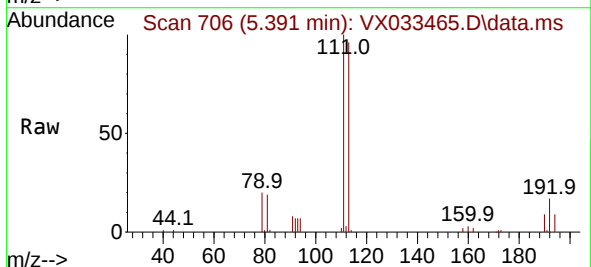
Instrument :
MSVOA_X
ClientSampleId :
MH-24

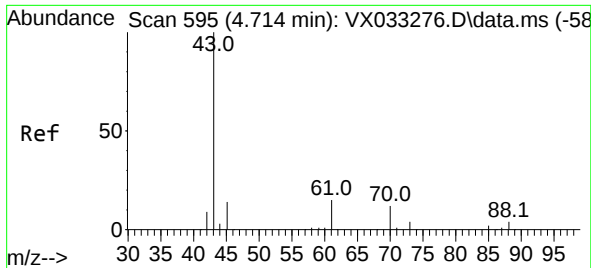
Tgt Ion:114 Resp: 204683
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.701 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

Tgt Ion:113 Resp: 42994
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.8 15.4 23.2





#37

Ethyl Acetate

Concen: 9.355 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033465.D

Acq: 16 Dec 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

MH-24

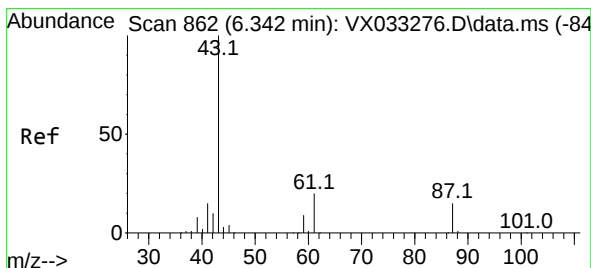
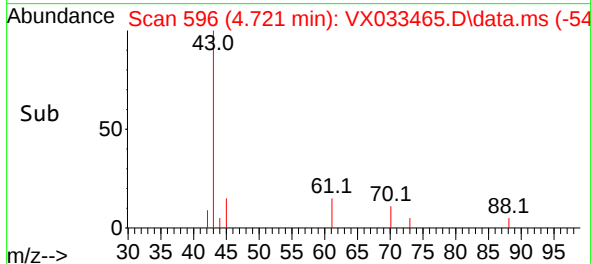
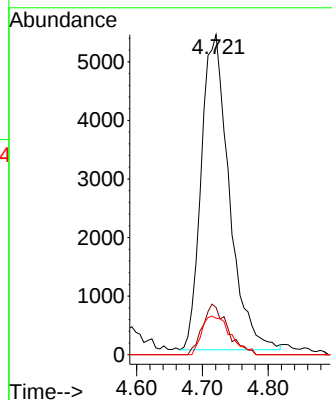
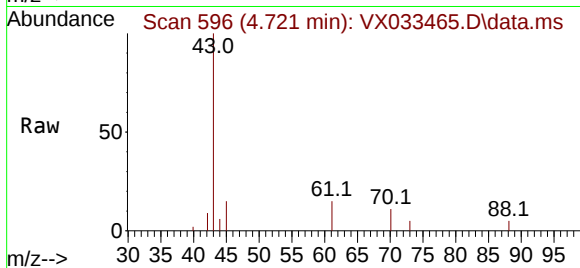
Tgt Ion: 43 Resp: 15873

Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

70 12.5 9.1 13.7



#43

Isopropyl Acetate

Concen: 26.785 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033465.D

Acq: 16 Dec 2022 17:00

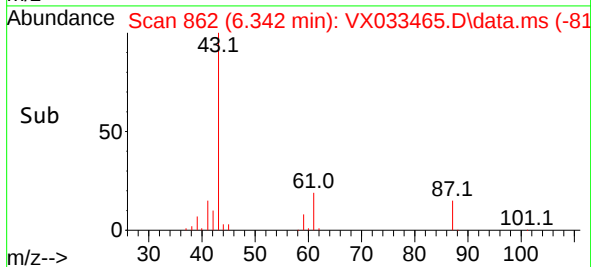
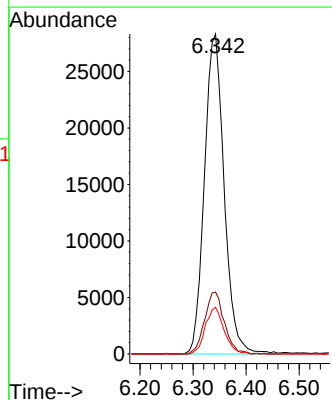
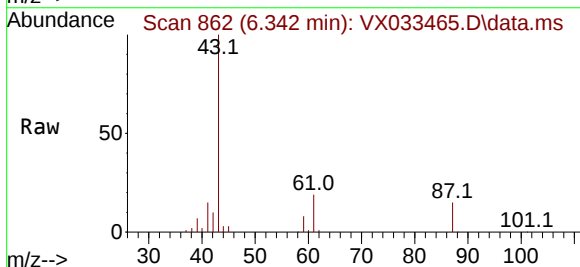
Tgt Ion: 43 Resp: 73124

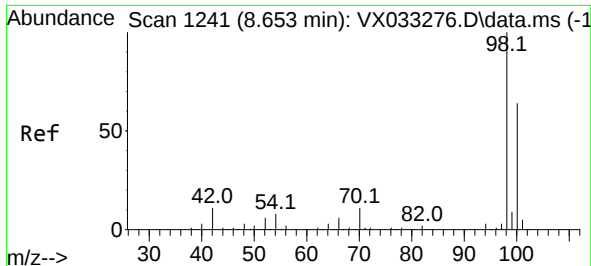
Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

87 13.9 10.8 16.2

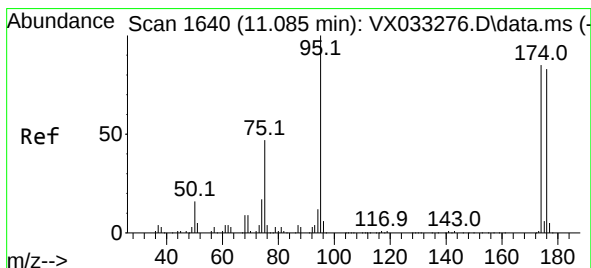
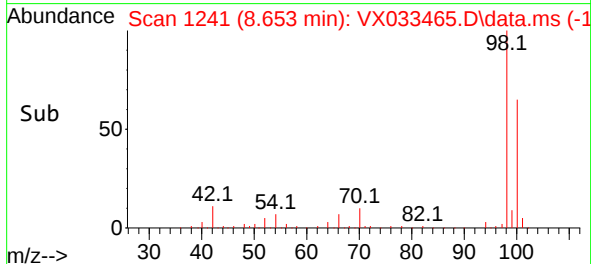
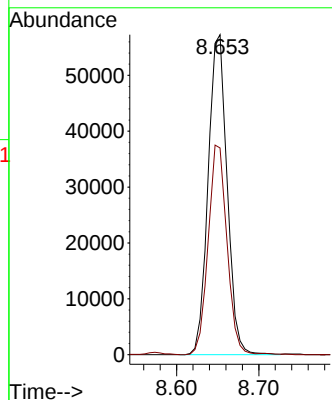
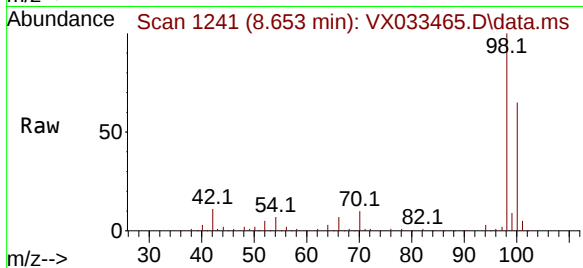




#50
Toluene-d8
Concen: 47.548 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

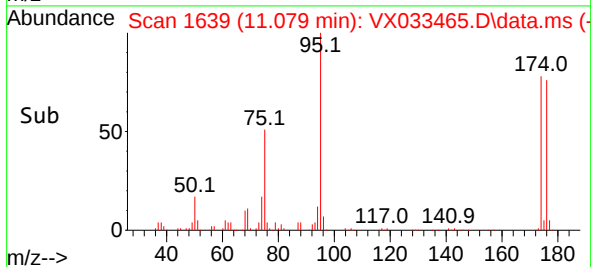
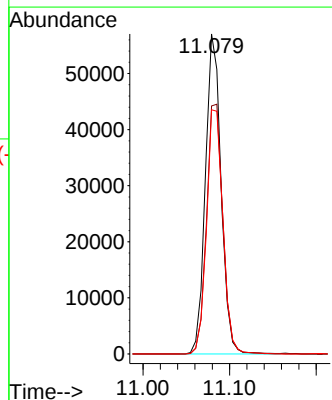
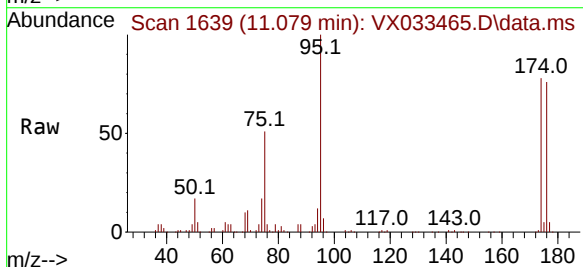
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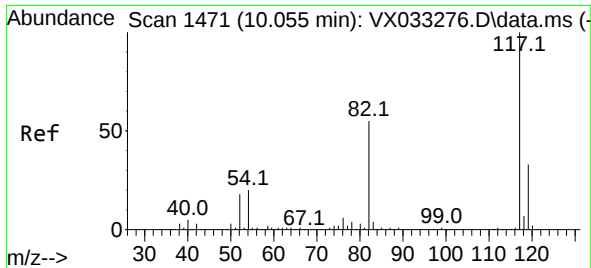
Tgt Ion: 98 Resp: 91573
Ion Ratio Lower Upper
98 100
100 65.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

Tgt Ion: 95 Resp: 71564
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.7 0.0 154.4

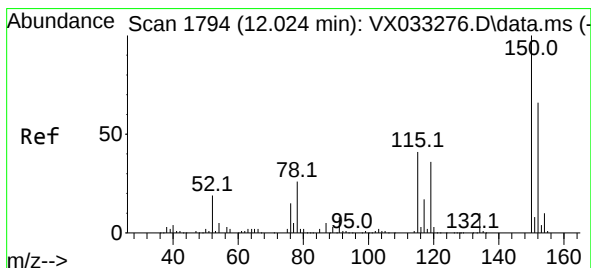
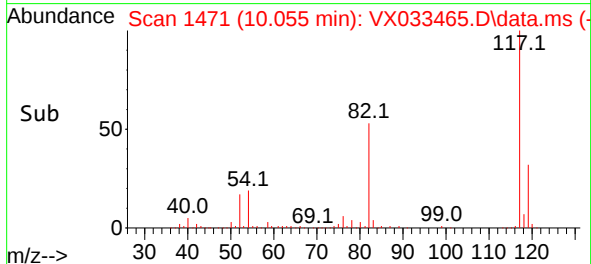
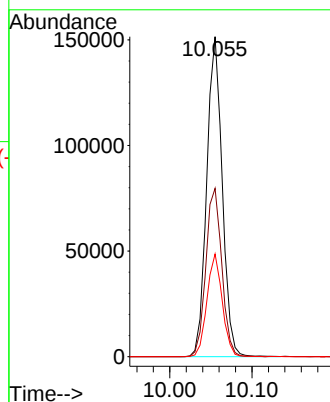
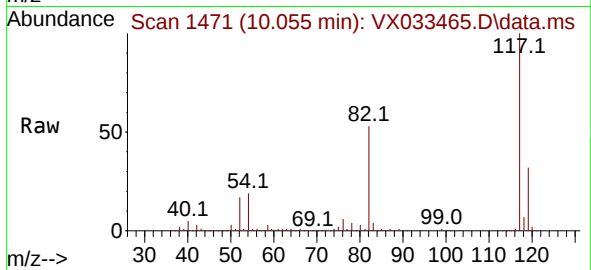




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

Instrument :
MSVOA_X
ClientSampleId :
MH-24

Tgt Ion:117 Resp: 198298
Ion Ratio Lower Upper
117 100
82 52.6 44.3 66.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033465.D
Acq: 16 Dec 2022 17:00

Tgt Ion:152 Resp: 86996
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 158.5 0.0 351.8

