

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033490.D
 Acq On : 19 Dec 2022 17:26
 Operator : JC/MD
 Sample : PB149722ZHE#19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149722ZHE#19

Quant Time: Dec 20 05:02:08 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)

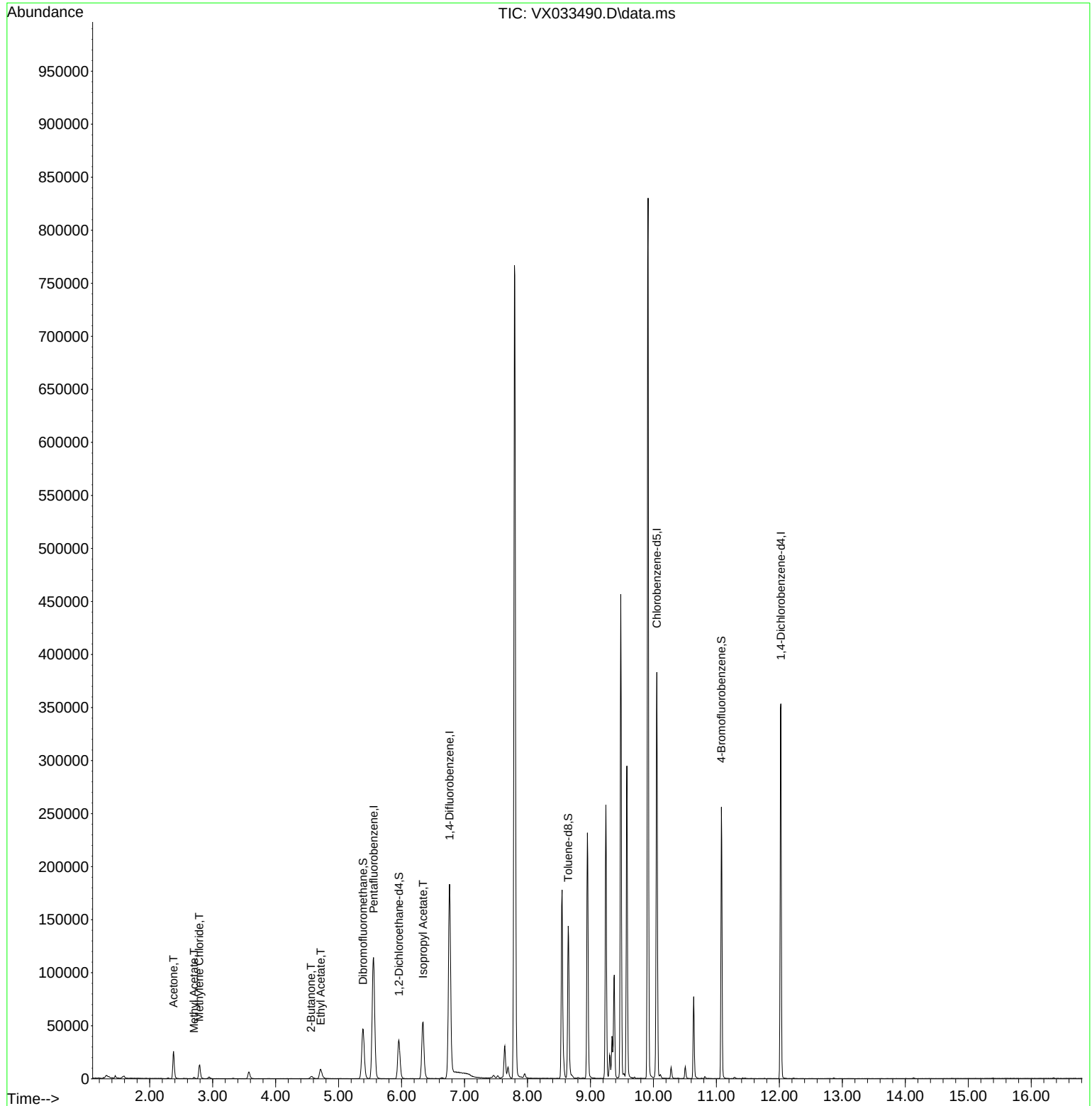
Internal Standards						
1) Pentafluorobenzene	5.556	168	111233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37144	52.052	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.100%		
35) Dibromofluoromethane	5.385	113	41069	49.485	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.960%		
50) Toluene-d8	8.647	98	86710	49.943	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.880%		
62) 4-Bromofluorobenzene	11.079	95	66752	50.284	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.560%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	27952	52.935	ug/l	98
18) Methyl Acetate	2.703	43	1625	1.063	ug/l #	89
20) Methylene Chloride	2.788	84	6813	5.785	ug/l	86
25) 2-Butanone	4.562	43	4028	5.314	ug/l	97
37) Ethyl Acetate	4.715	43	15394	10.064	ug/l	99
43) Isopropyl Acetate	6.342	43	71815	29.181	ug/l	98

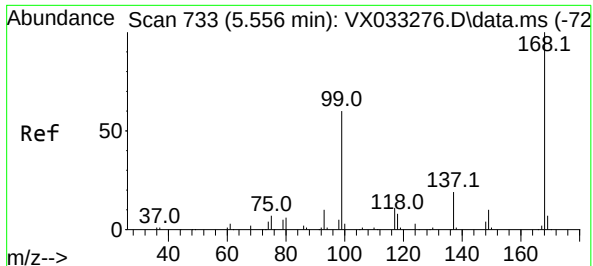
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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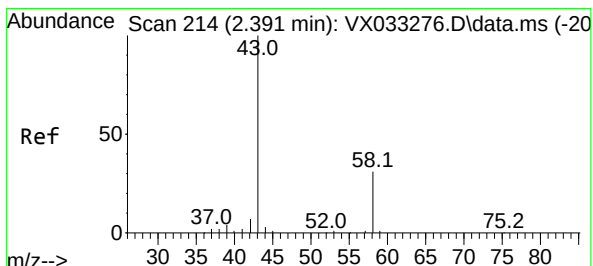
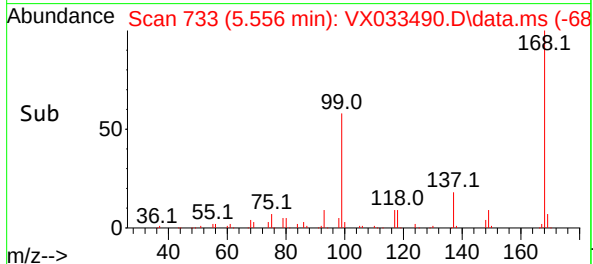
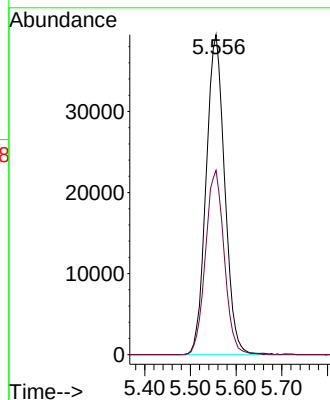
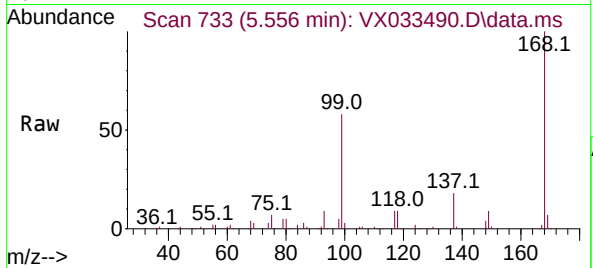




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

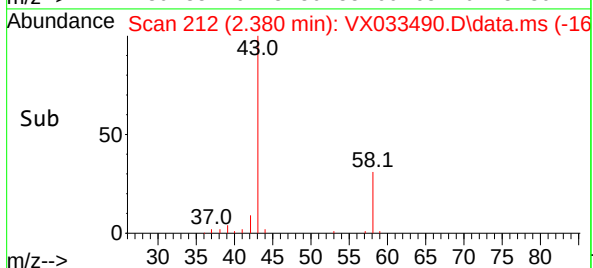
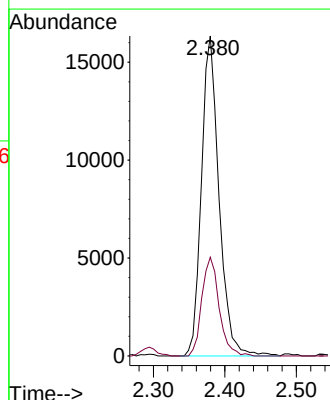
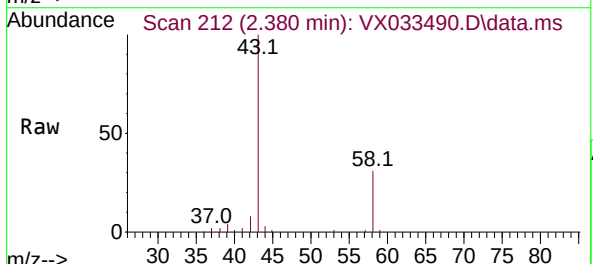
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#19

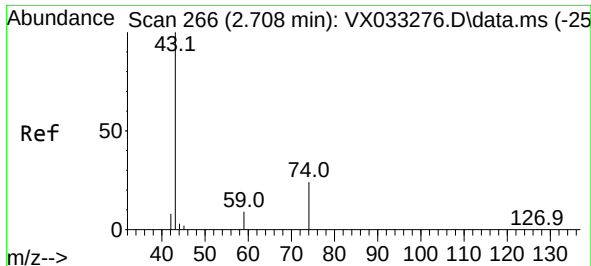
Tgt Ion:168 Resp: 111233
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#16
Acetone
Concen: 52.935 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 43 Resp: 27952
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.8

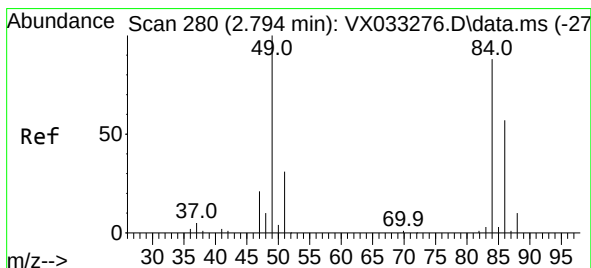
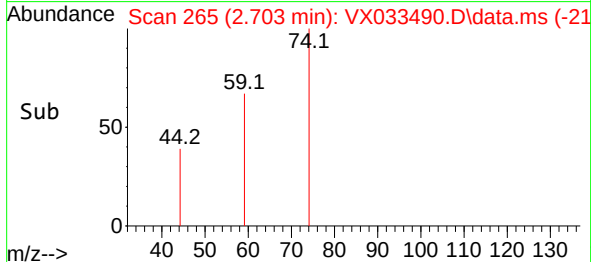
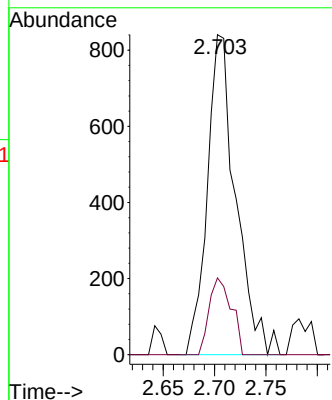
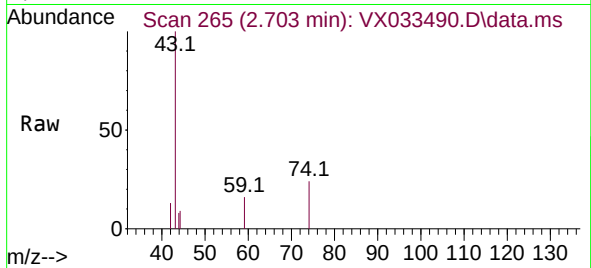




#18
Methyl Acetate
Concen: 1.063 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

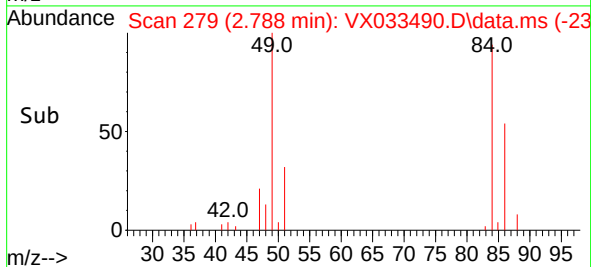
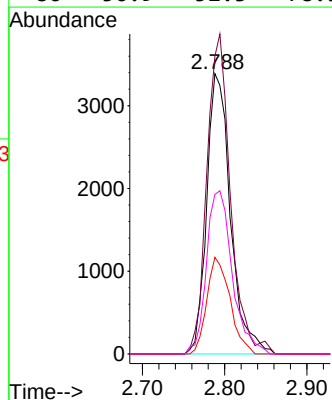
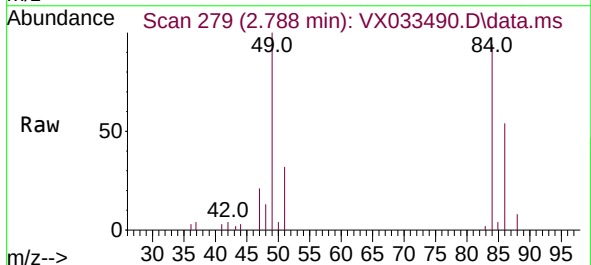
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#19

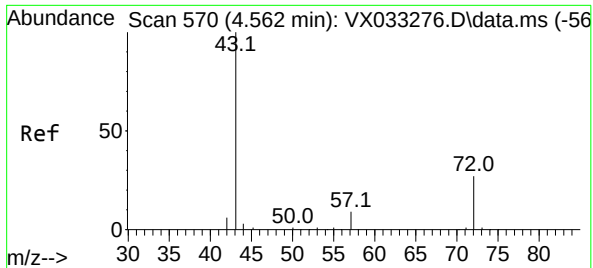
Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
74 18.7 19.4 29.0#



#20
Methylene Chloride
Concen: 5.785 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 84 Resp: 6813
Ion Ratio Lower Upper
84 100
49 106.2 101.0 151.6
51 34.4 31.1 46.7
86 56.9 52.3 78.5

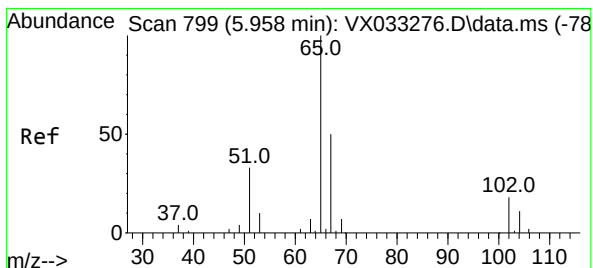
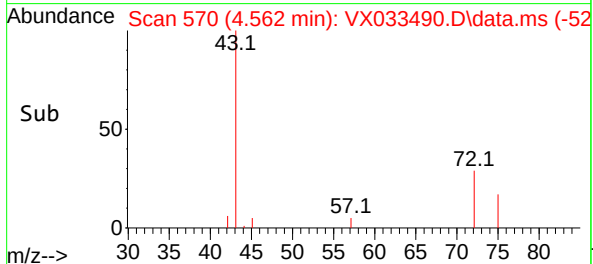
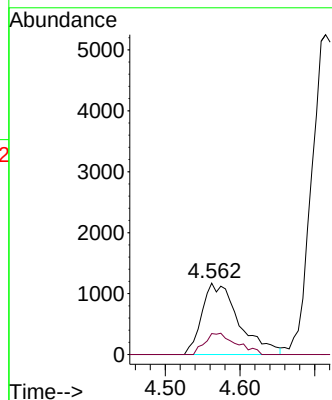
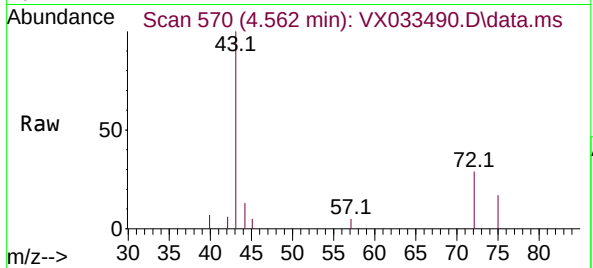




#25
2-Butanone
Concen: 5.314 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

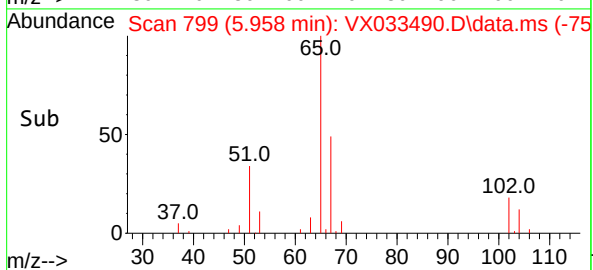
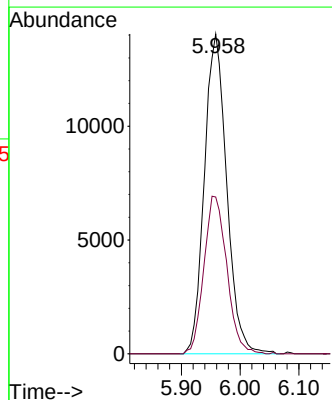
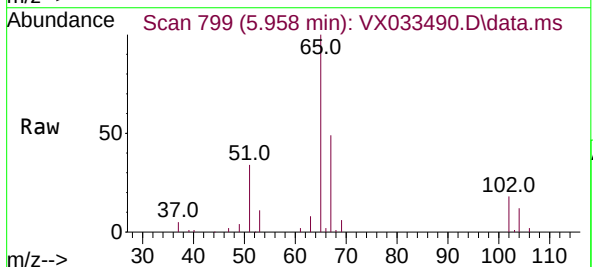
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#19

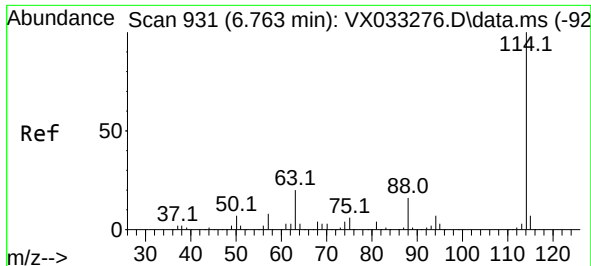
Tgt Ion: 43 Resp: 4028
Ion Ratio Lower Upper
43 100
72 29.3 22.2 33.2



#33
1,2-Dichloroethane-d4
Concen: 52.052 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 65 Resp: 37144
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

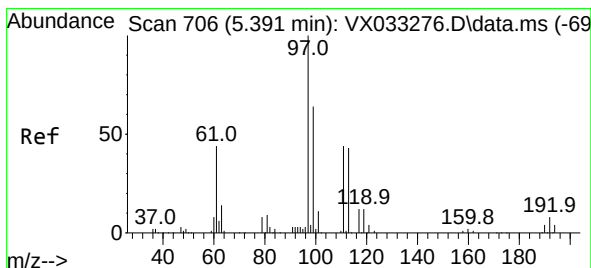
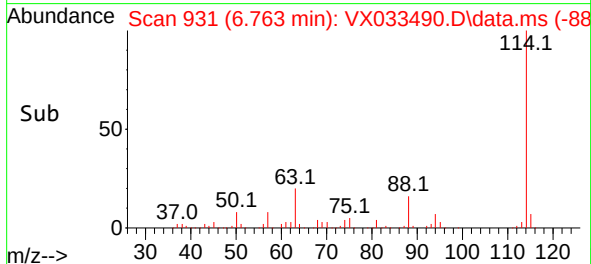
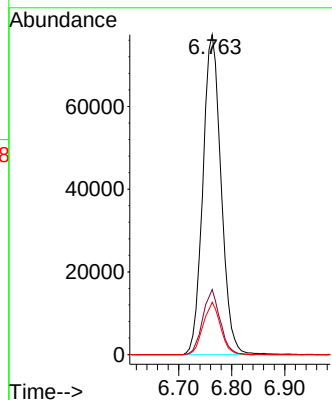
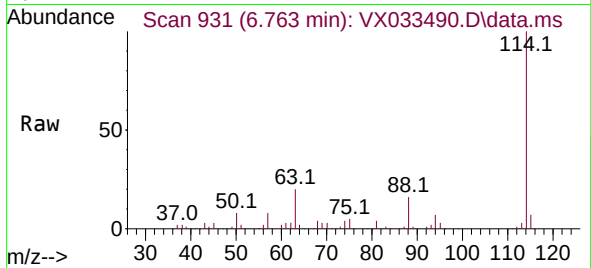




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

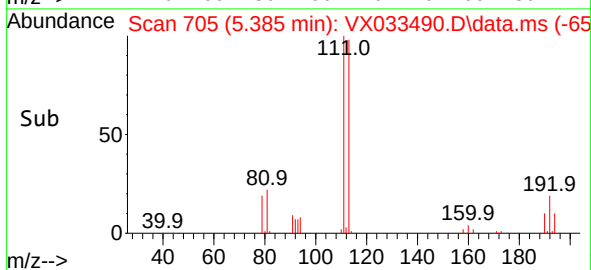
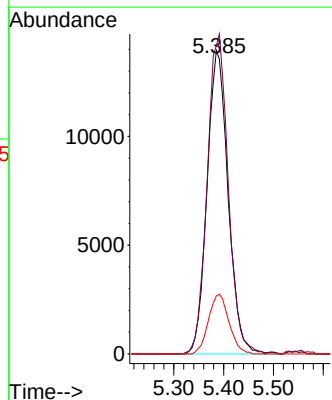
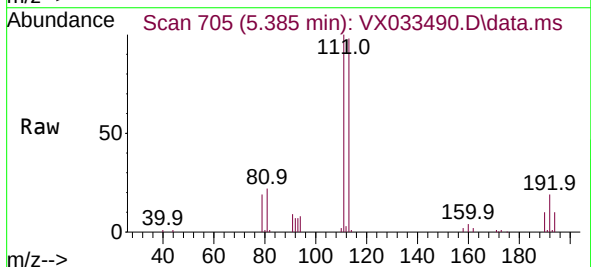
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#19

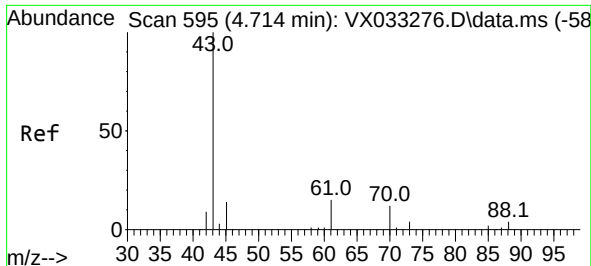
Tgt Ion:114 Resp: 184520
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.485 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion:113 Resp: 41069
Ion Ratio Lower Upper
113 100
111 105.0 82.4 123.6
192 19.1 15.4 23.2





#37

Ethyl Acetate

Concen: 10.064 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033490.D

Acq: 19 Dec 2022 17:26

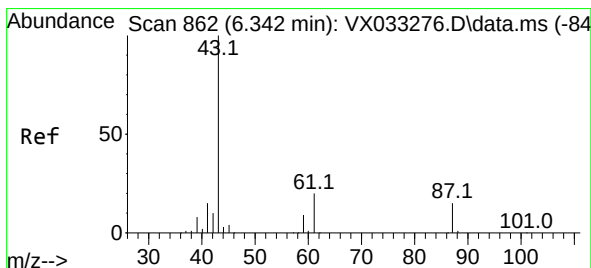
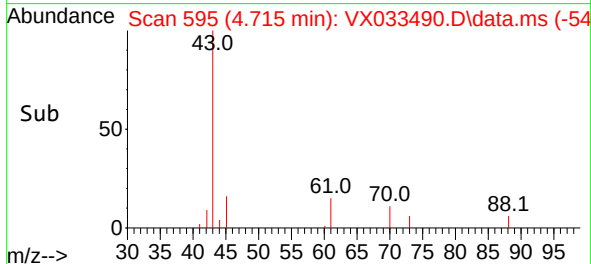
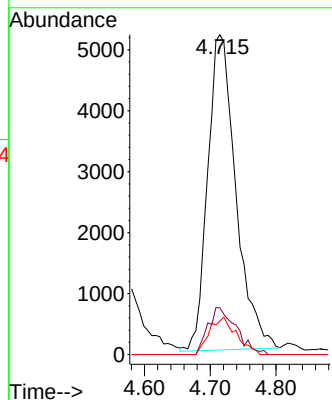
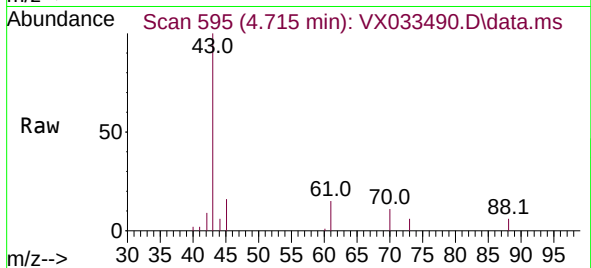
Instrument :

MSVOA_X

ClientSampleId :

PB149722ZHE#19

Tgt Ion:	43	Resp:	15394
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	11.3	9.1	13.7



#43

Isopropyl Acetate

Concen: 29.181 ug/l

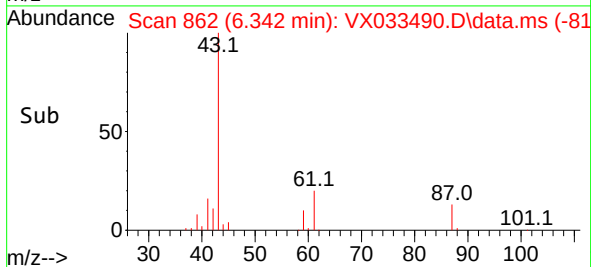
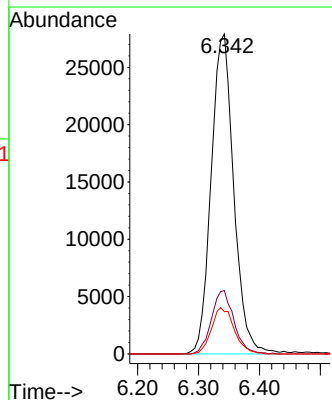
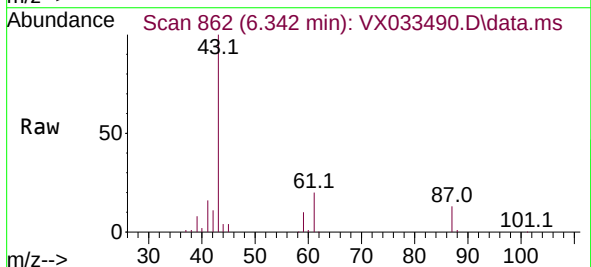
RT: 6.342 min Scan# 862

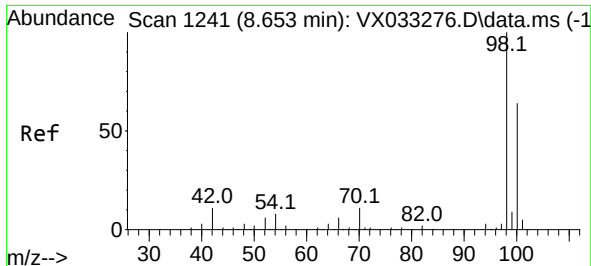
Delta R.T. 0.000 min

Lab File: VX033490.D

Acq: 19 Dec 2022 17:26

Tgt Ion:	43	Resp:	71815
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	14.5	10.8	16.2

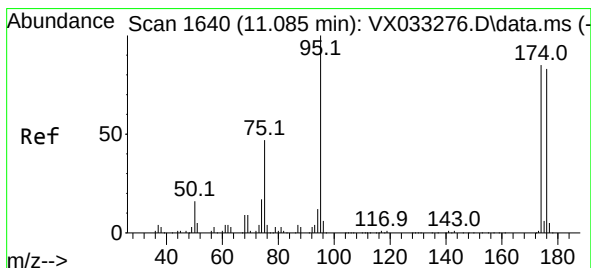
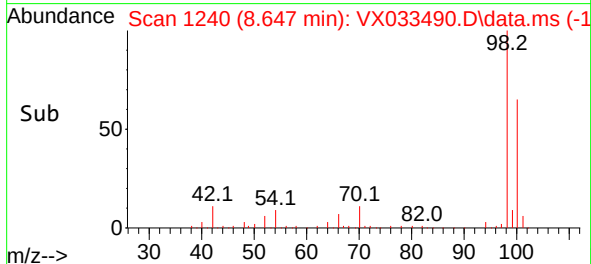
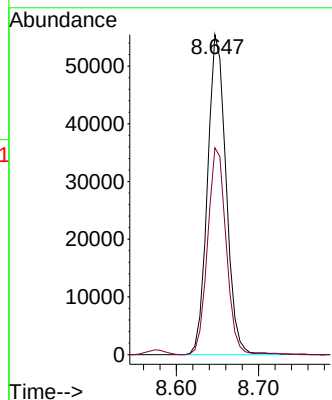
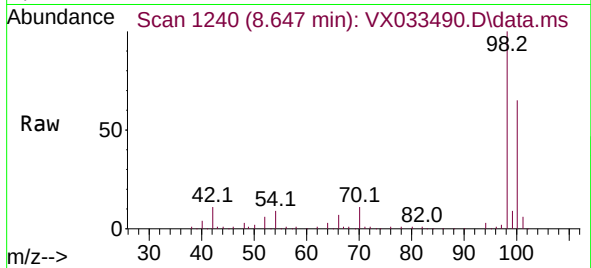




#50
Toluene-d8
Concen: 49.943 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

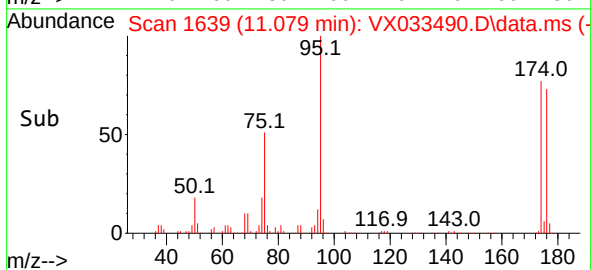
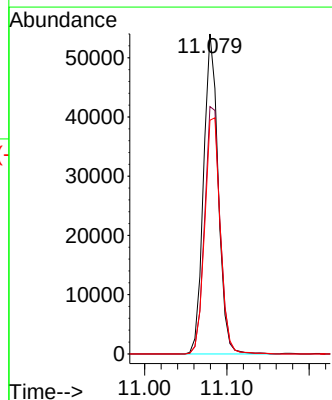
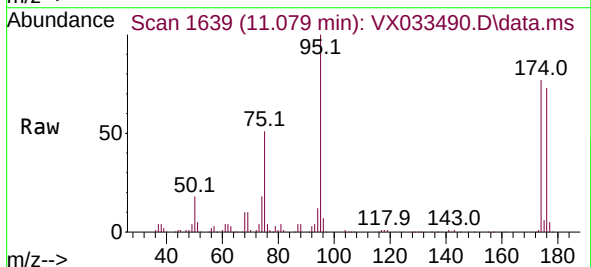
Instrument :
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PB149722ZHE#19

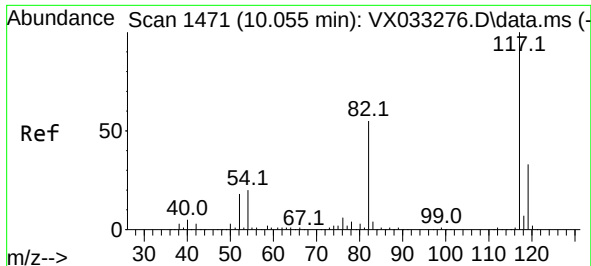
Tgt Ion: 98 Resp: 86710
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion: 95 Resp: 66752
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 78.7 0.0 154.4

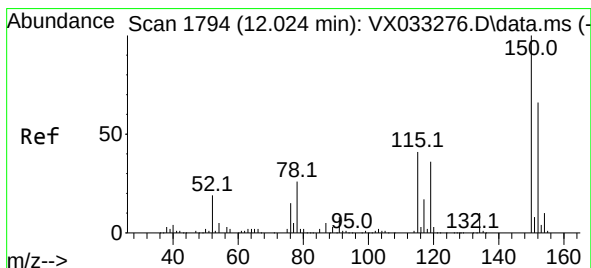
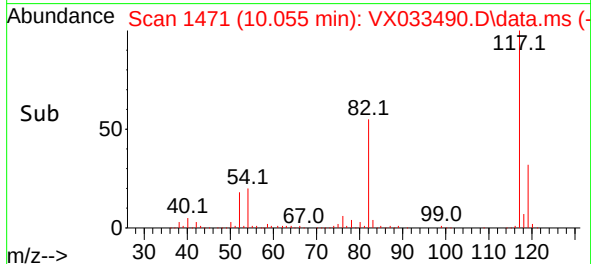
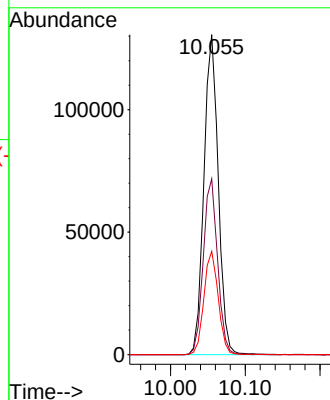
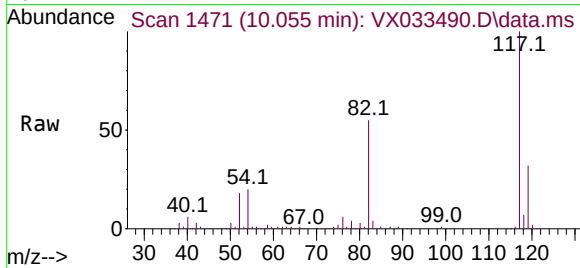




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033490.D
Acq: 19 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#19

Tgt Ion:117 Resp: 173762
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.3 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: VX033490.D
Acq: 19 Dec 2022 17:26

Tgt Ion:152 Resp: 76996
Ion Ratio Lower Upper
152 100
115 58.7 44.0 132.0
150 155.3 0.0 351.8

