

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044723.D
 Acq On : 27 Jan 2025 14:55
 Operator : JC/MD
 Sample : PB166212ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166212ZHE#01

Quant Time: Jan 28 04:13:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

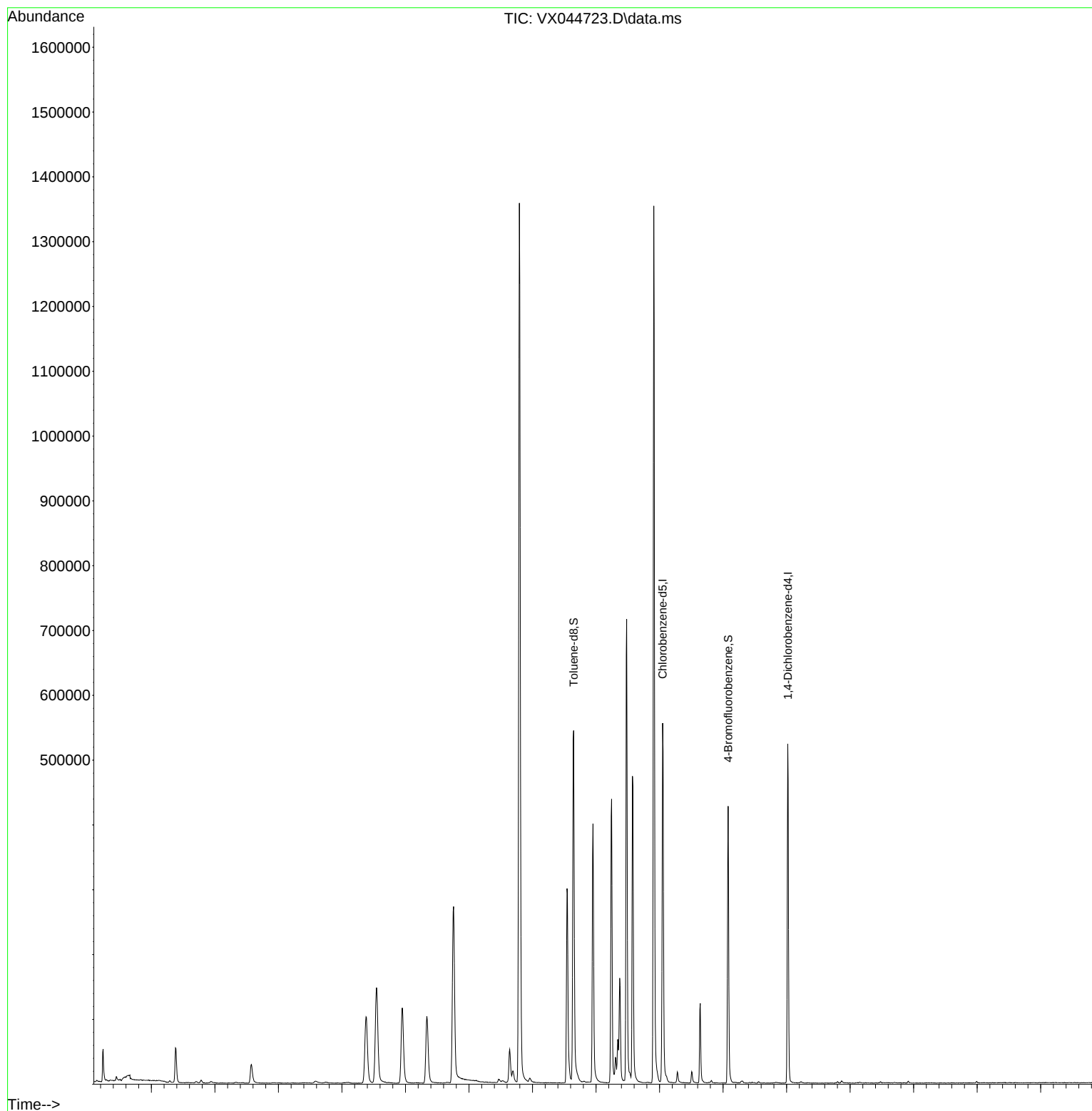
Internal Standards						
1) Pentafluorobenzene	5.544	168	143166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	292604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	256413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107580	49.783	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.560%		
35) Dibromofluoromethane	5.385	113	94384	50.775	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.540%		
50) Toluene-d8	8.647	98	352598	54.401	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.800%		
62) 4-Bromofluorobenzene	11.079	95	124135	51.375	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.760%		
Target Compounds						
16) Acetone	2.380	43	60114	70.311	ug/l	94
18) Methyl Acetate	2.709	43	2990	1.134	ug/l	97
20) Methylene Chloride	2.782	84	2079	1.044	ug/l	94
25) 2-Butanone	4.587	43	6396	5.032	ug/l	95
43) Isopropyl Acetate	6.336	43	150470	29.683	ug/l	99

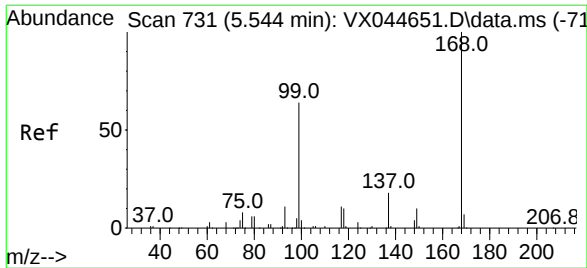
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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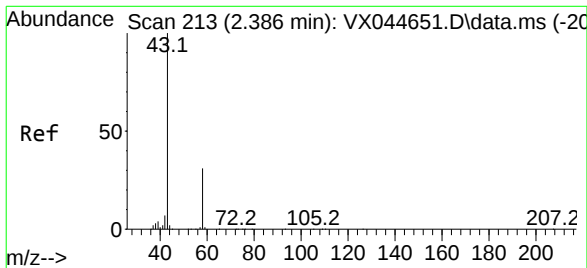
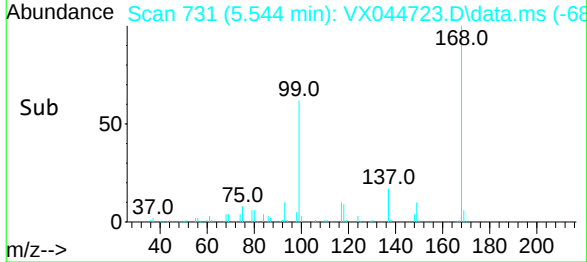
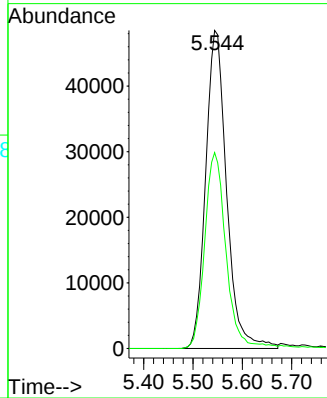
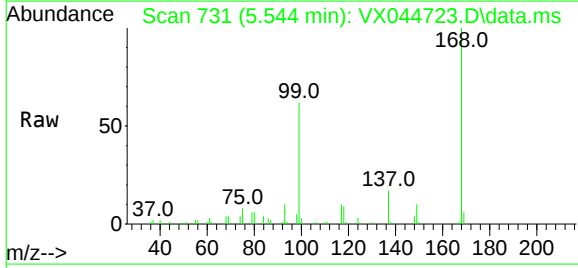




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044723.D
Acq: 27 Jan 2025 14:55

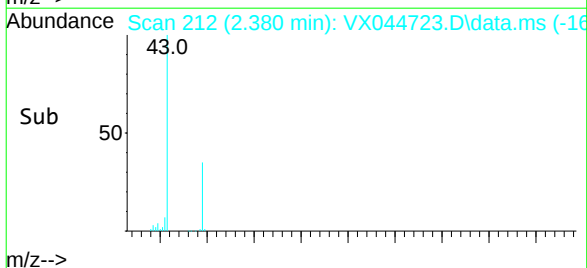
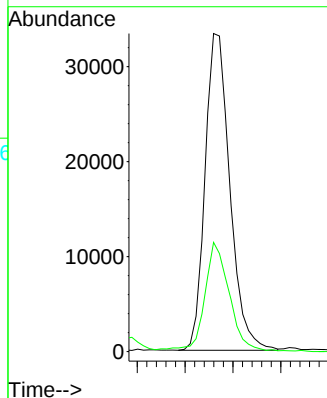
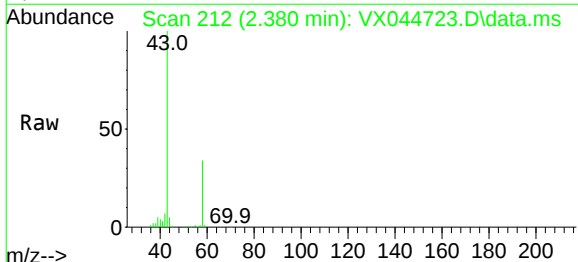
Instrument :
MSVOA_X
ClientSampleId :
PB166212ZHE#01

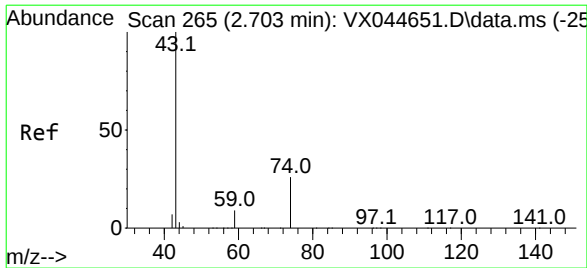
Tgt Ion: 168 Resp: 143166
Ion Ratio Lower Upper
168 100
99 61.6 51.1 76.7



#16
Acetone
Concen: 70.311 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044723.D
Acq: 27 Jan 2025 14:55

Tgt Ion: 43 Resp: 60114
Ion Ratio Lower Upper
43 100
58 34.2 24.6 37.0

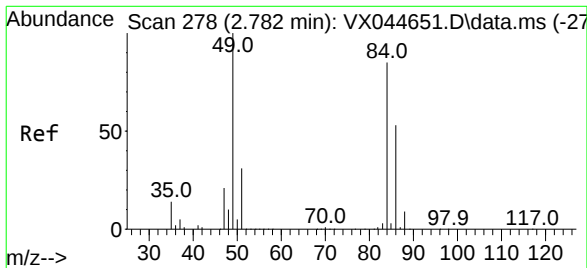
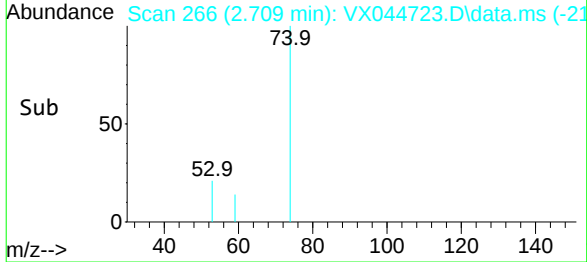
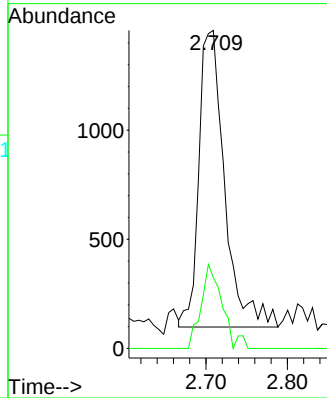
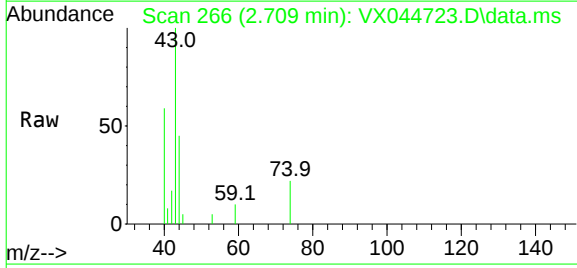




#18
Methyl Acetate
Concen: 1.134 ug/l
RT: 2.709 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX044723.D
Acq: 27 Jan 2025 14:55

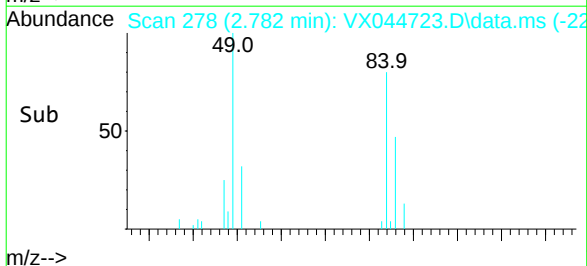
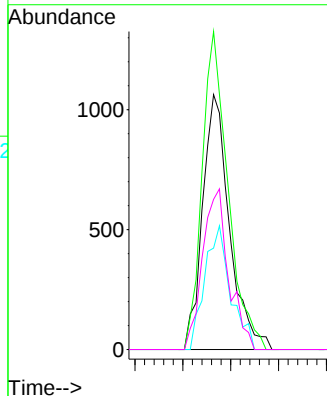
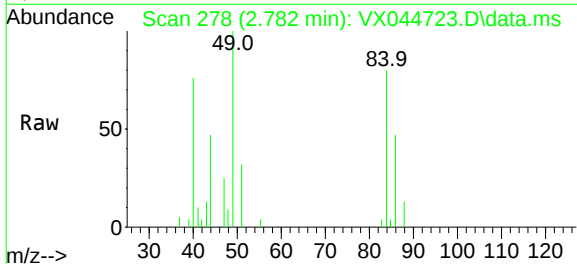
Instrument :
MSVOA_X
ClientSampleId :
PB166212ZHE#01

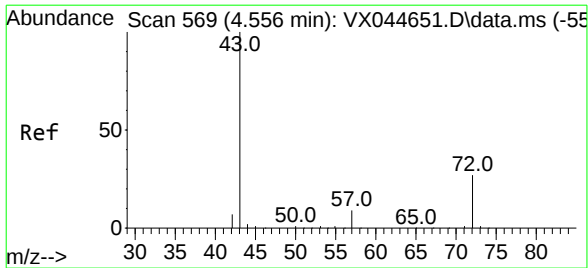
Tgt Ion: 43 Resp: 2990
Ion Ratio Lower Upper
43 100
74 23.2 19.8 29.8



#20
Methylene Chloride
Concen: 1.044 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044723.D
Acq: 27 Jan 2025 14:55

Tgt Ion: 84 Resp: 2079
Ion Ratio Lower Upper
84 100
49 124.7 94.2 141.4
51 39.8 28.8 43.2
86 58.9 50.3 75.5

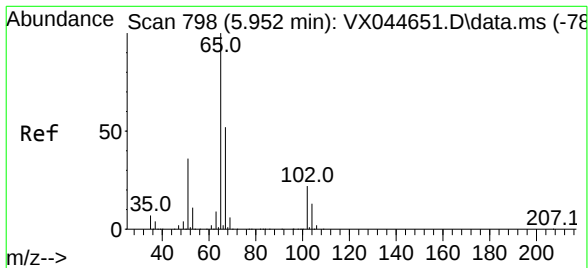
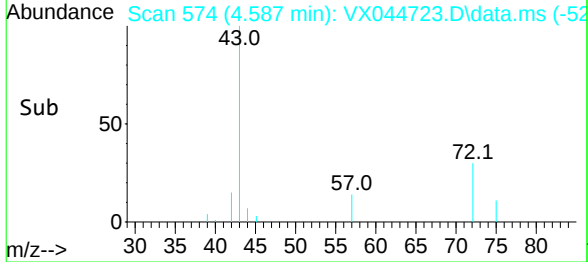
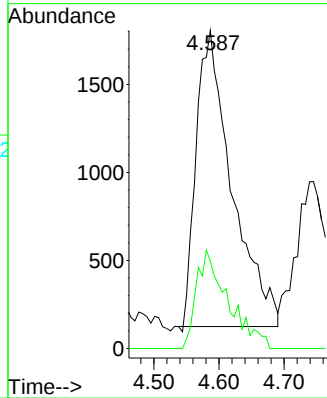
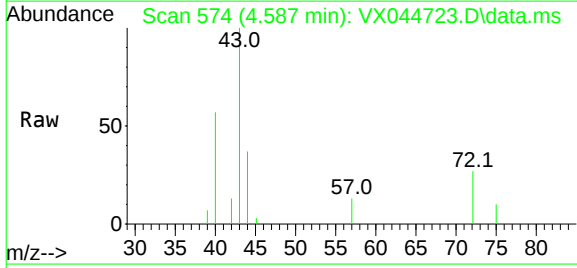




#25
2-Butanone
Concen: 5.032 ug/l
RT: 4.587 min Scan# 571
Delta R.T. 0.031 min
Lab File: VX044723.D
Acq: 27 Jan 2025 14:55

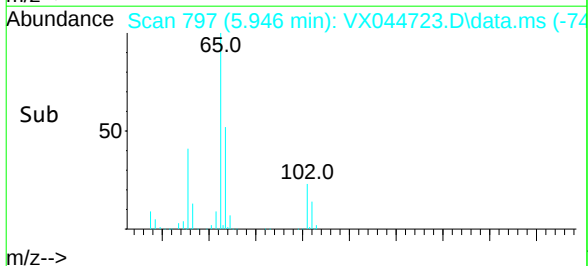
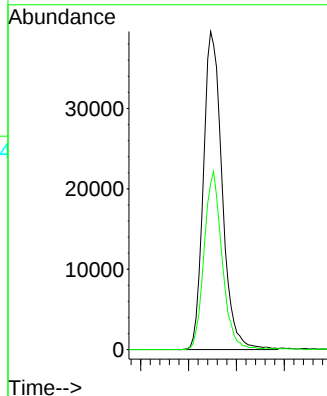
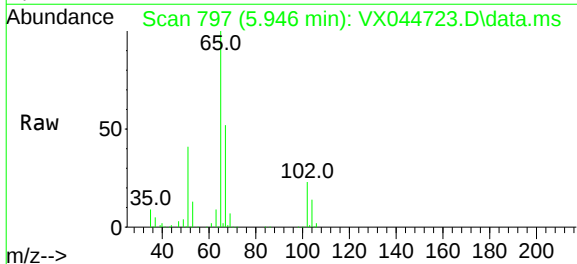
Instrument :
MSVOA_X
ClientSampleId :
PB166212ZHE#01

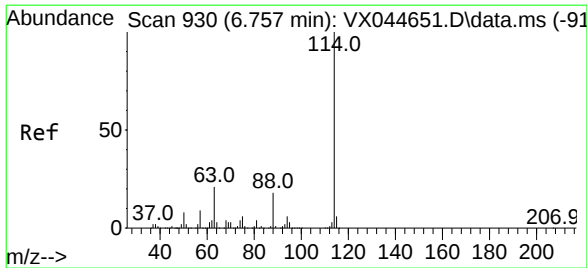
Tgt Ion: 43 Resp: 6396
Ion Ratio Lower Upper
43 100
72 29.5 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 49.783 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044723.D
Acq: 27 Jan 2025 14:55

Tgt Ion: 65 Resp: 107580
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.4

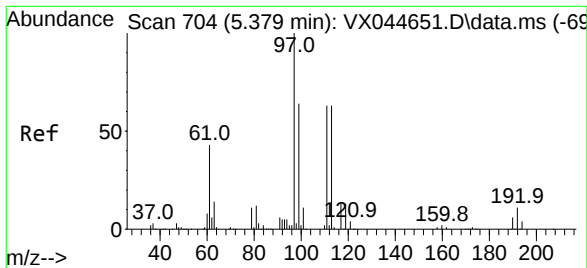
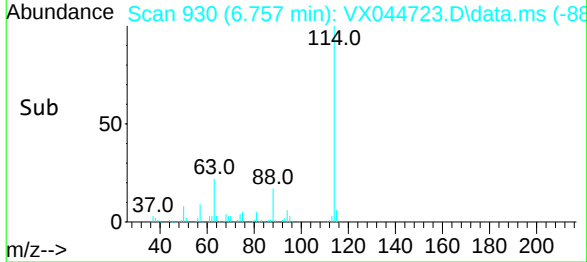
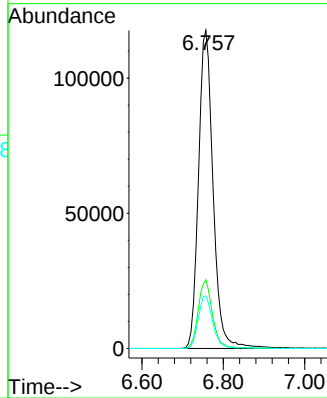
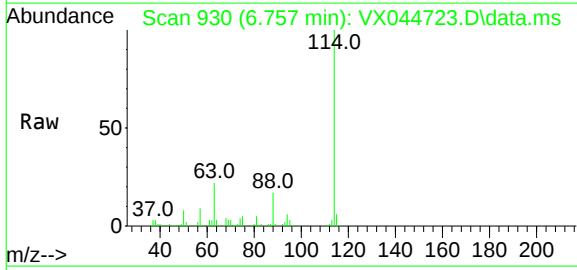




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX044723.D
Acq: 27 Jan 2025 14:55

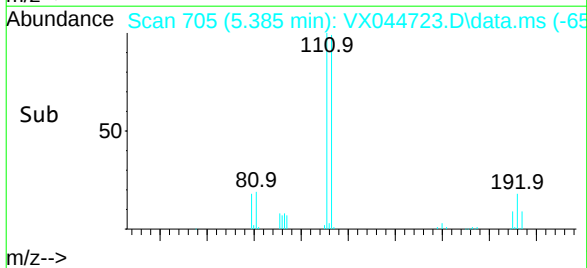
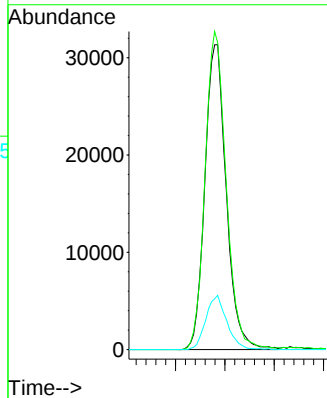
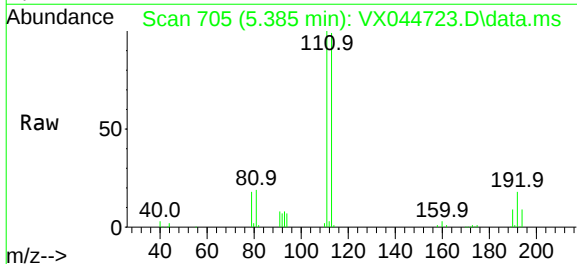
Instrument :
MSVOA_X
ClientSampleId :
PB166212ZHE#01

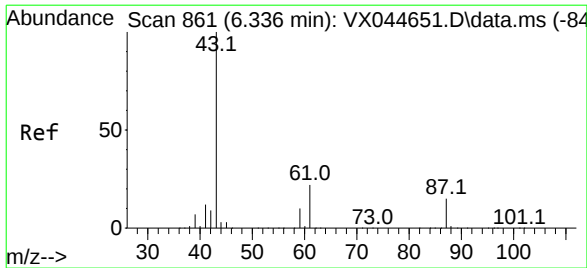
Tgt Ion:	114	Resp:	292604
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	16.5	0.0	35.4



#35
Dibromofluoromethane
Concen: 50.775 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044723.D
Acq: 27 Jan 2025 14:55

Tgt Ion:	113	Resp:	94384
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	17.5	14.4	21.6





#43

Isopropyl Acetate

Concen: 29.683 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044723.D

Acq: 27 Jan 2025 14:55

Instrument :

MSVOA_X

ClientSampleId :

PB166212ZHE#01

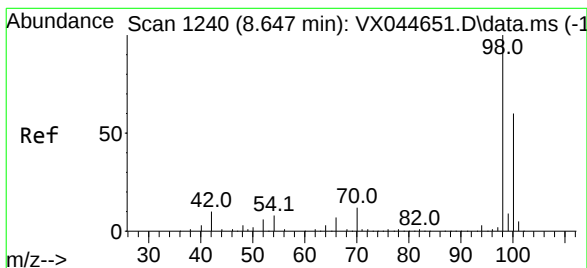
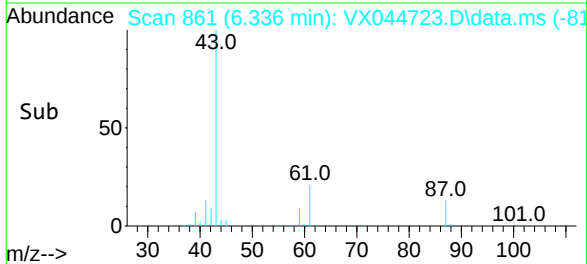
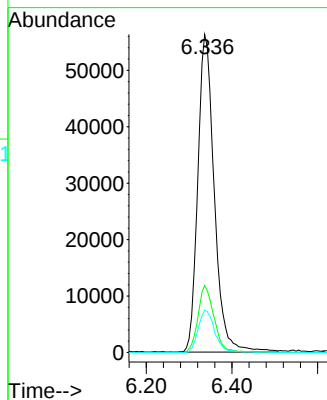
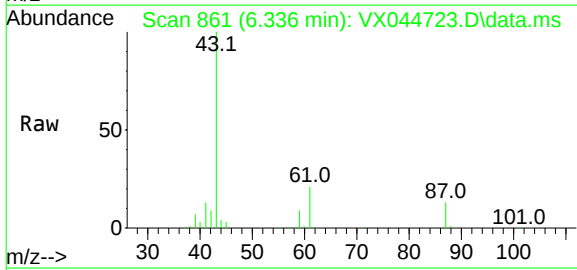
Tgt Ion: 43 Resp: 150470

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

87 13.3 11.0 16.6



#50

Toluene-d8

Concen: 54.401 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044723.D

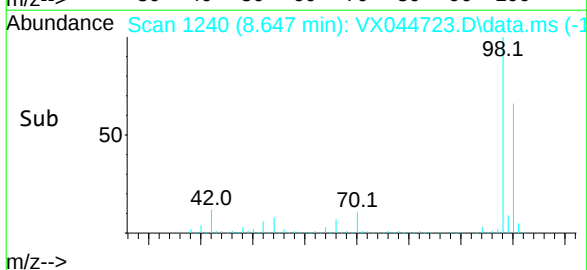
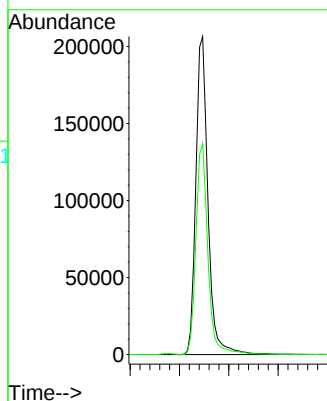
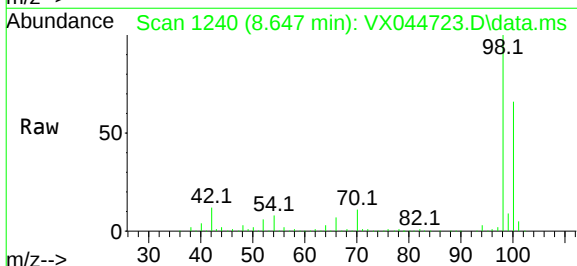
Acq: 27 Jan 2025 14:55

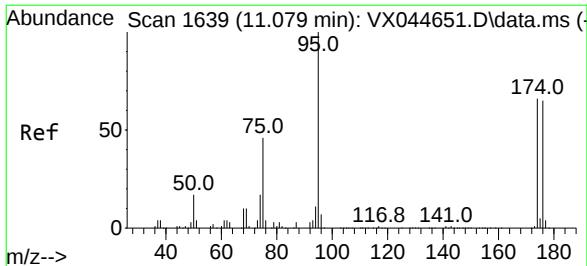
Tgt Ion: 98 Resp: 352598

Ion Ratio Lower Upper

98 100

100 65.2 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 51.375 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044723.D

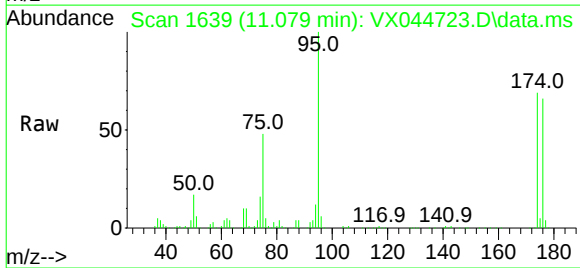
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Instrument :

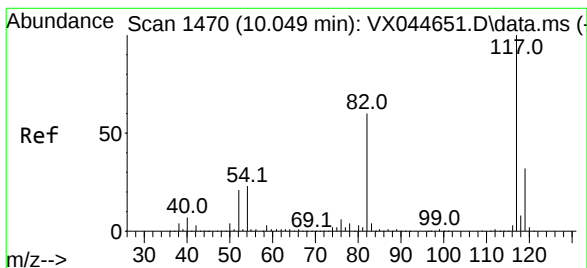
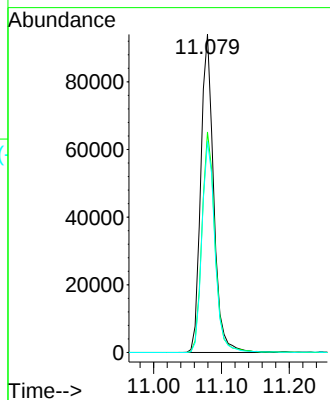
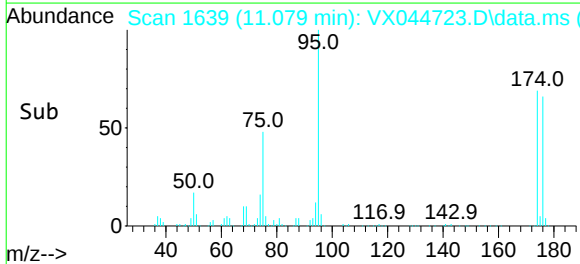
MSVOA_X

ClientSampleId :

PB166212ZHE#01



Tgt Ion:	95	Resp:	124135
Ion Ratio	100	Lower	Upper
95	100		
174	69.7	0.0	133.0
176	67.4	0.0	129.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

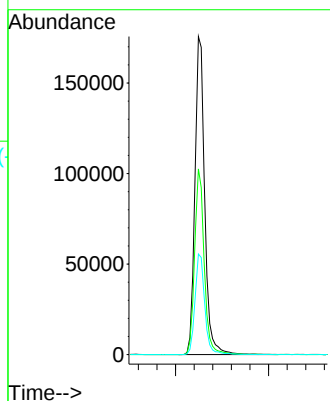
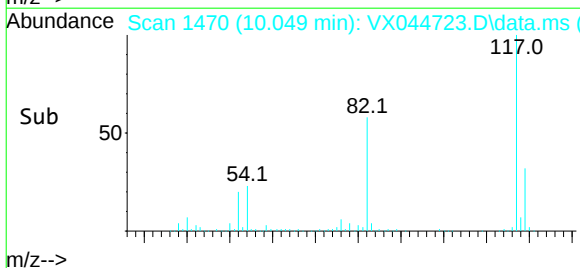
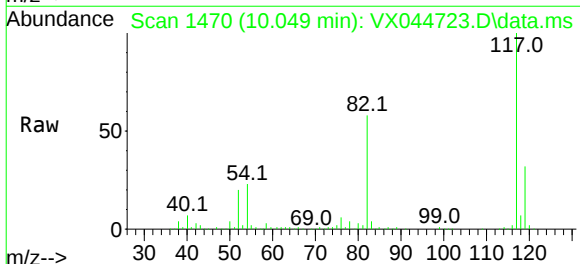
RT: 10.049 min Scan# 1470

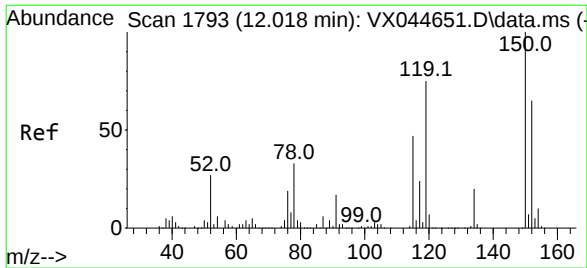
Delta R.T. 0.000 min

Lab File: VX044723.D

Acq: 27 Jan 2025 14:55

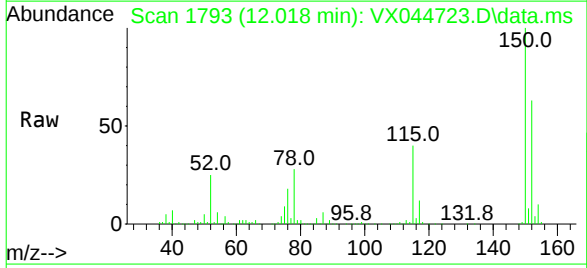
Tgt Ion:	117	Resp:	256413
Ion Ratio	100	Lower	Upper
117	100		
82	58.4	47.6	71.4
119	31.6	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VX044723.D
 Acq: 27 Jan 2025 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166212ZHE#01



Tgt Ion:	152	Resp:	109686
Ion	Ratio	Lower	Upper
152	100		
115	61.2	43.8	131.4
150	156.0	0.0	347.8

