

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044724.D
 Acq On : 27 Jan 2025 15:18
 Operator : JC/MD
 Sample : PB166212ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166212ZHE#02

Quant Time: Jan 28 04:13:41 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)

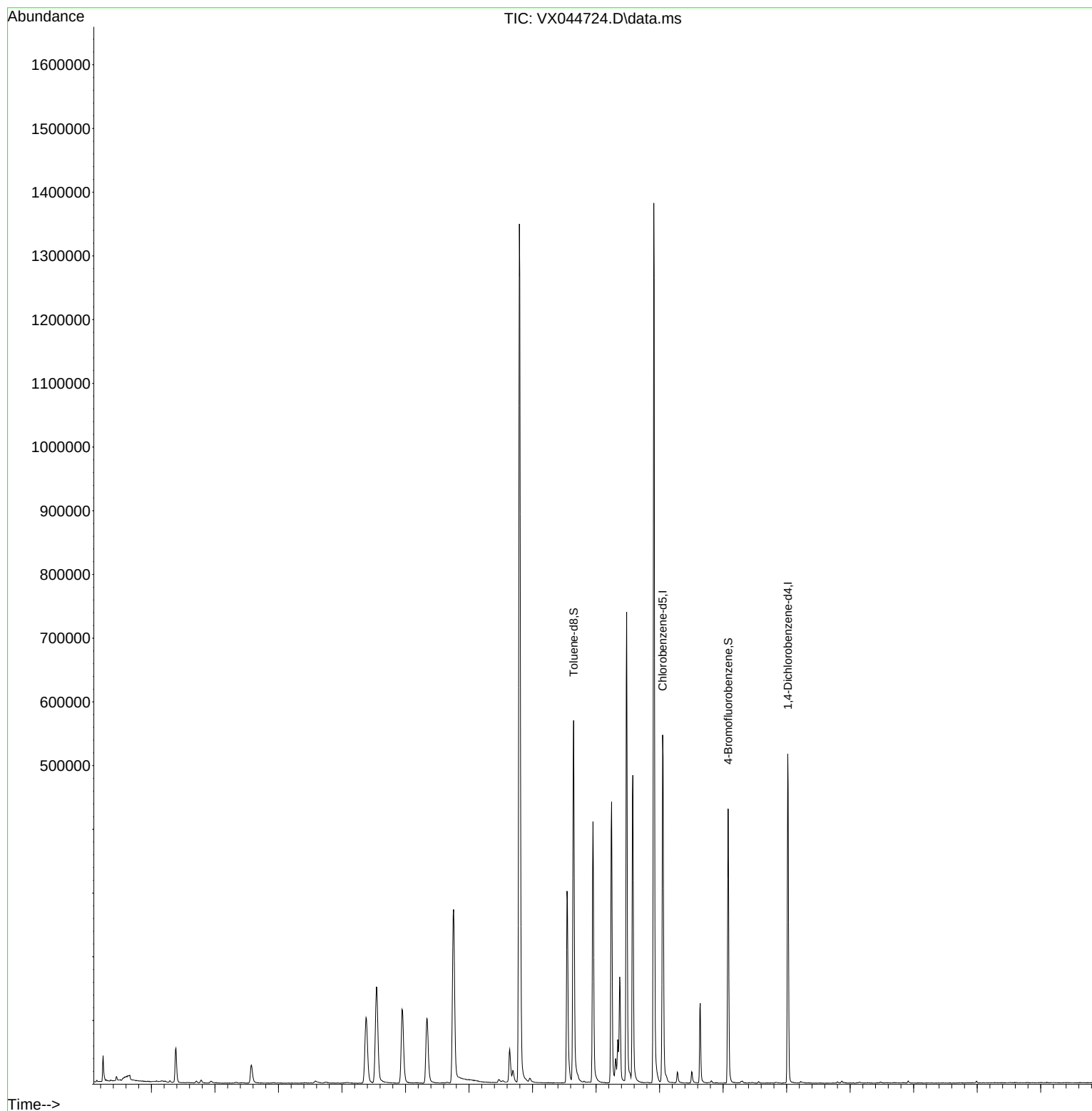
Internal Standards						
1) Pentafluorobenzene	5.549	168	149280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	295118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	249832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107748	47.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.640%		
35) Dibromofluoromethane	5.379	113	94468	50.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.780%		
50) Toluene-d8	8.646	98	355410	54.367	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.740%		
62) 4-Bromofluorobenzene	11.079	95	123453	50.658	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.320%		
Target Compounds						
16) Acetone	2.385	43	60152	67.474	ug/l	92
18) Methyl Acetate	2.708	43	3370	1.225	ug/l	99
20) Methylene Chloride	2.782	84	2168	1.044	ug/l	95
25) 2-Butanone	4.586	43	7167	5.407	ug/l	98
43) Isopropyl Acetate	6.336	43	152587	29.844	ug/l	99

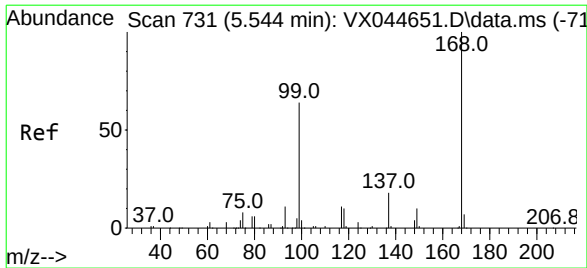
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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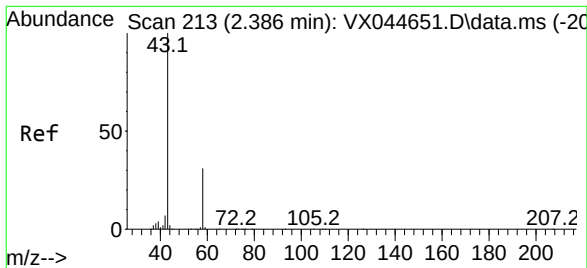
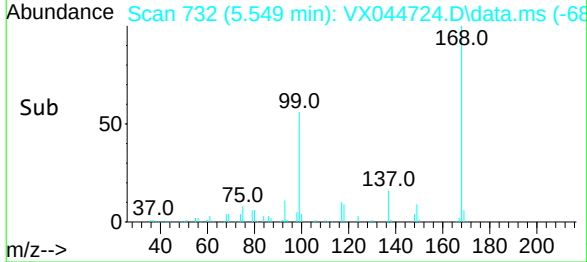
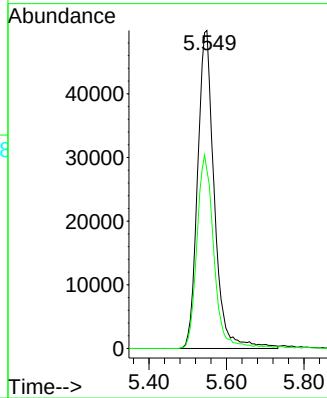
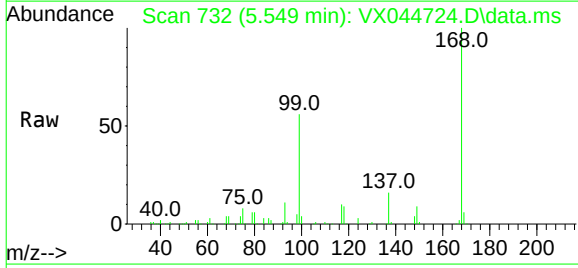




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

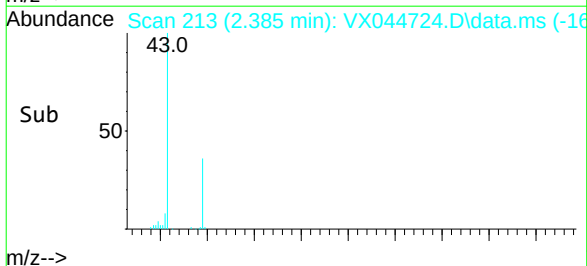
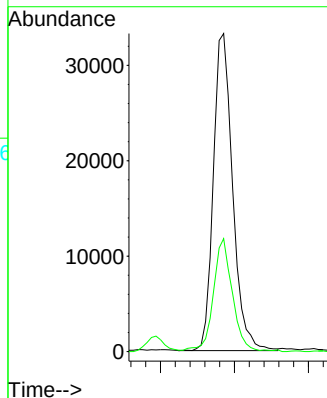
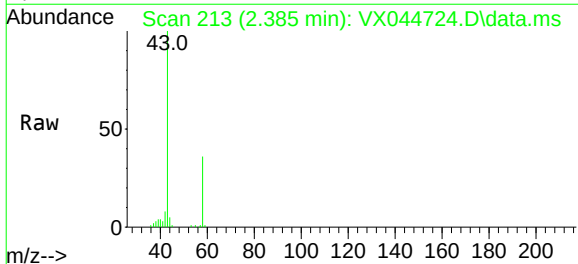
Instrument :
MSVOA_X
ClientSampleId :
PB166212ZHE#02

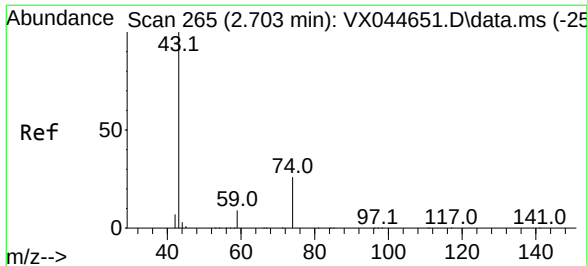
Tgt Ion:168 Resp: 149280
Ion Ratio Lower Upper
168 100
99 56.0 51.1 76.7



#16
Acetone
Concen: 67.474 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Tgt Ion: 43 Resp: 60152
Ion Ratio Lower Upper
43 100
58 35.2 24.6 37.0





#18

Methyl Acetate

Concen: 1.225 ug/l

RT: 2.708 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

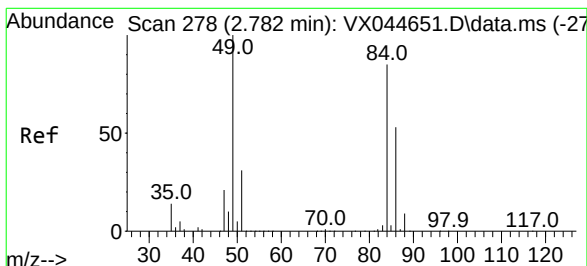
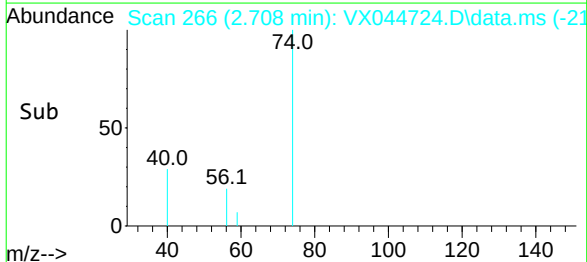
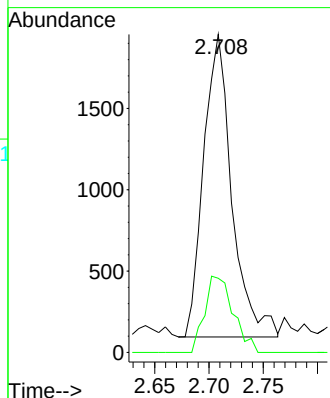
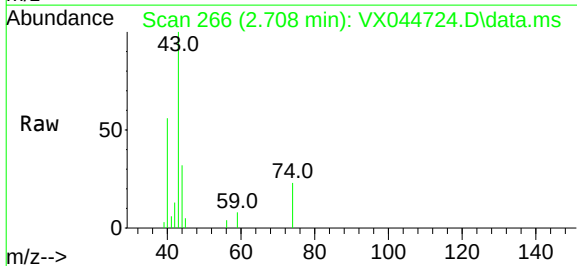
PB166212ZHE#02

Tgt Ion: 43 Resp: 3370

Ion Ratio Lower Upper

43 100

74 25.4 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: VX044724.D

Acq: 27 Jan 2025 15:18

Tgt Ion: 84 Resp: 2168

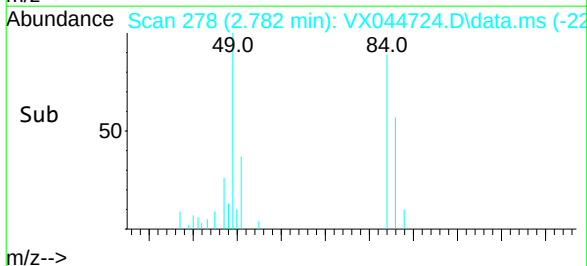
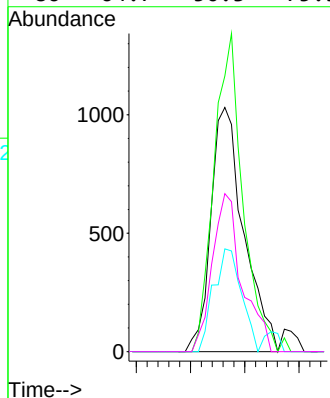
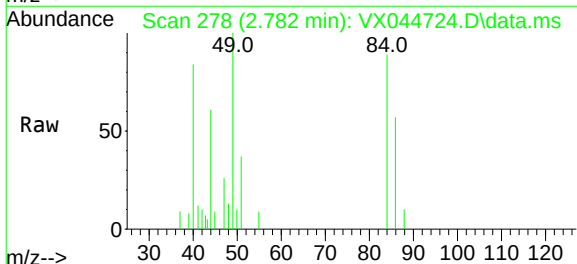
Ion Ratio Lower Upper

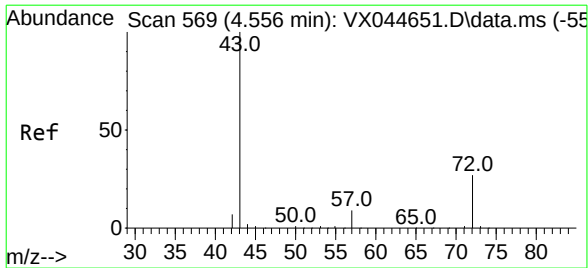
84 100

49 112.9 94.2 141.4

51 42.1 28.8 43.2

86 64.7 50.3 75.5

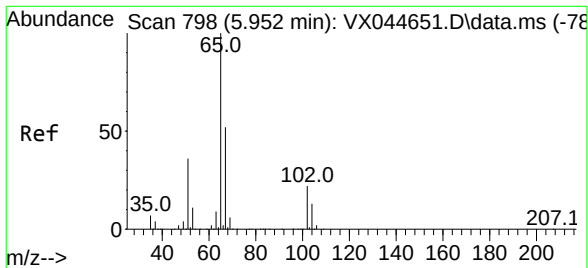
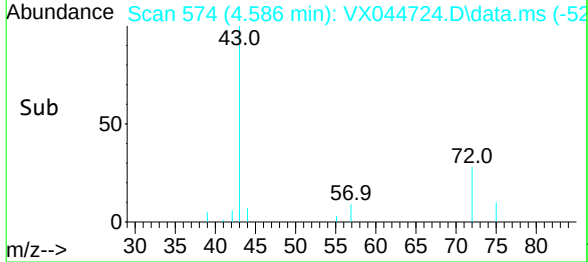
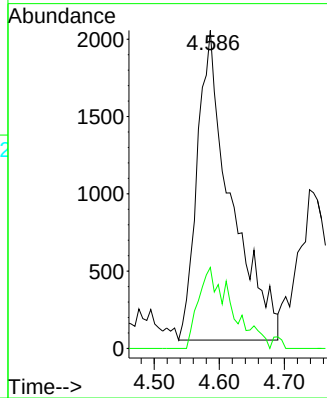
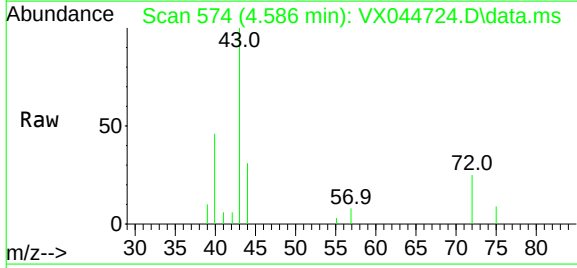




#25
2-Butanone
Concen: 5.407 ug/l
RT: 4.586 min Scan# 57
Delta R.T. 0.030 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

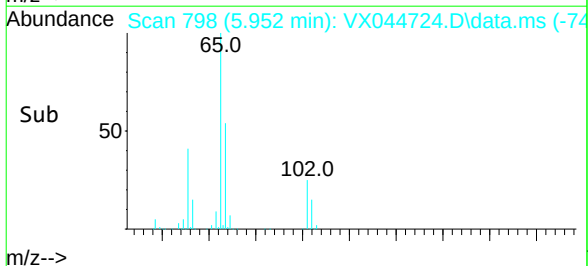
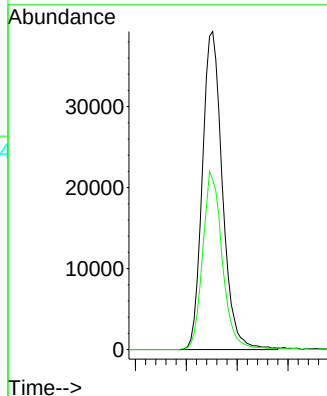
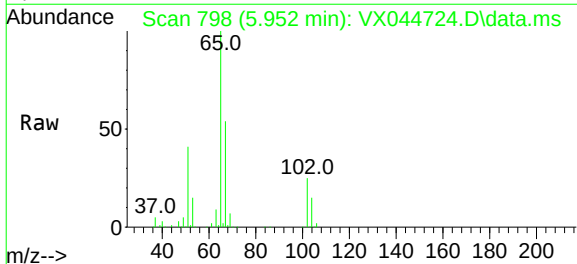
Instrument :
MSVOA_X
ClientSampleId :
PB166212ZHE#02

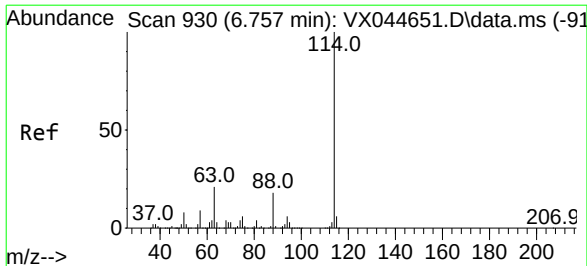
Tgt Ion: 43 Resp: 7167
Ion Ratio Lower Upper
43 100
72 26.2 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 47.819 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044724.D
Acq: 27 Jan 2025 15:18

Tgt Ion: 65 Resp: 107748
Ion Ratio Lower Upper
65 100
67 54.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

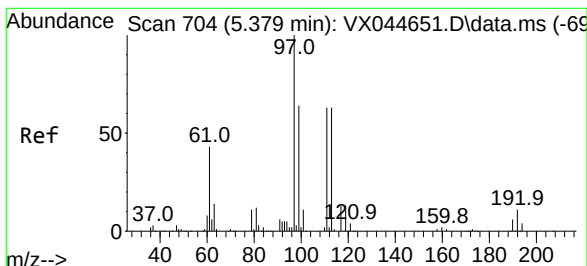
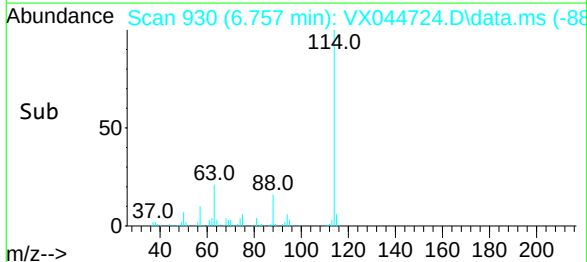
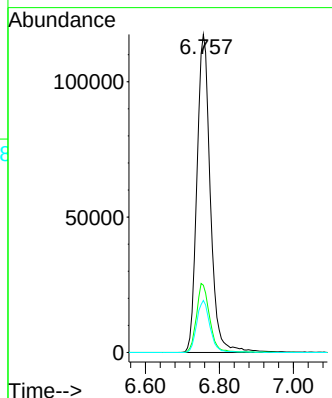
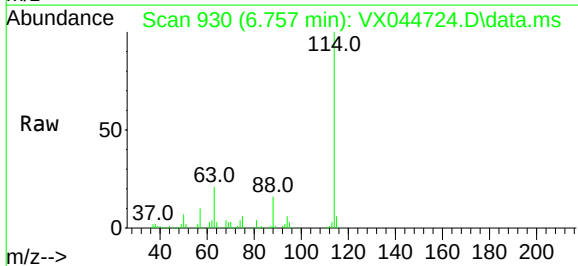
Instrument :

MSVOA_X

ClientSampleId :

PB166212ZHE#02

Tgt Ion:	114	Resp:	295118
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.0
88	16.4	0.0	35.4



#35

Dibromofluoromethane

Concen: 50.387 ug/l

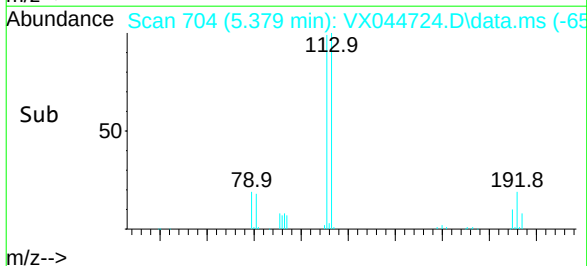
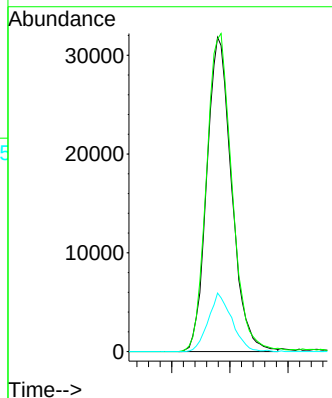
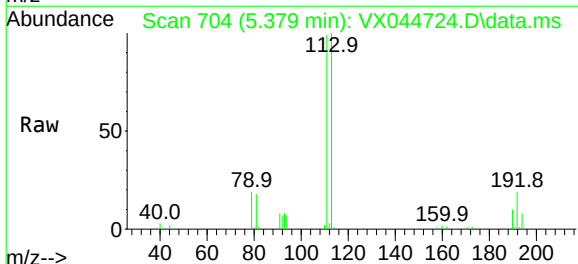
RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

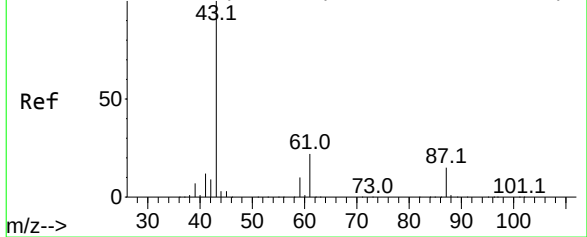
Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Tgt Ion:	113	Resp:	94468
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.6	122.4
192	17.7	14.4	21.6



Abundance Scan 861 (6.336 min): VX044651.D\data.ms (-84



#43

Isopropyl Acetate

Concen: 29.844 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

PB166212ZHE#02

Tgt Ion: 43 Resp: 152587

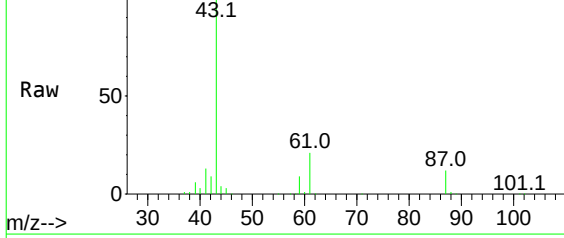
Ion Ratio Lower Upper

43 100

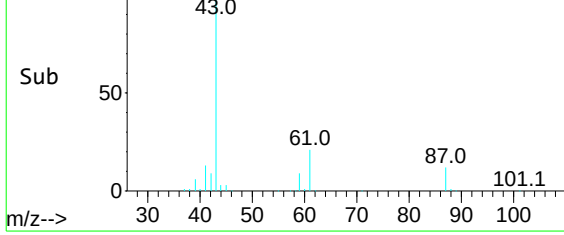
61 20.4 16.6 24.8

87 13.2 11.0 16.6

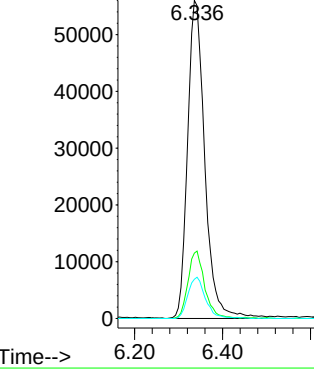
Abundance Scan 861 (6.336 min): VX044724.D\data.ms



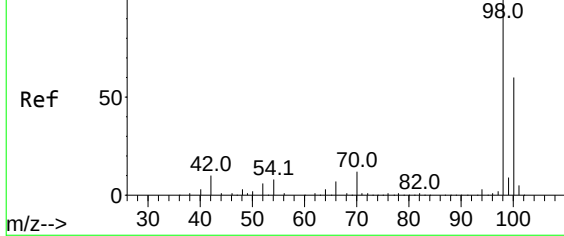
Abundance Scan 861 (6.336 min): VX044724.D\data.ms (-83



Abundance



Abundance Scan 1240 (8.647 min): VX044651.D\data.ms (-1



#50

Toluene-d8

Concen: 54.367 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

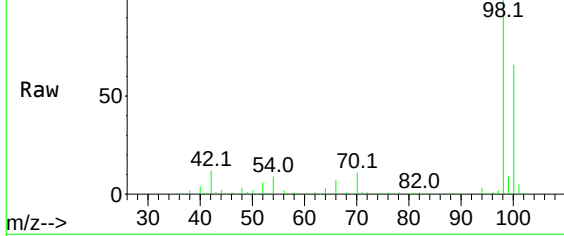
Tgt Ion: 98 Resp: 355410

Ion Ratio Lower Upper

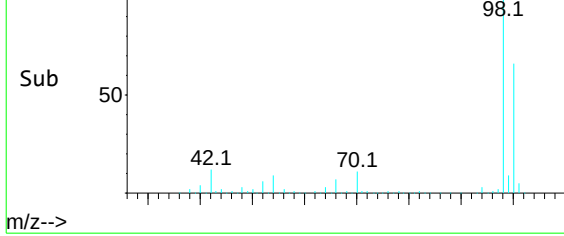
98 100

100 65.3 53.2 79.8

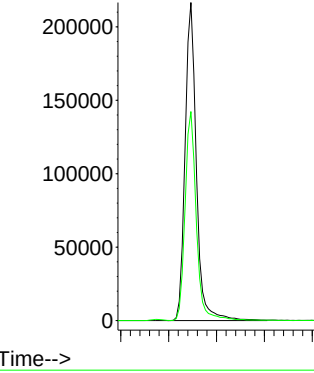
Abundance Scan 1240 (8.646 min): VX044724.D\data.ms

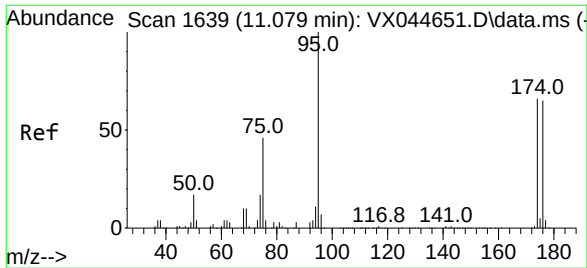


Abundance Scan 1240 (8.646 min): VX044724.D\data.ms (-3



Abundance





#62

4-Bromofluorobenzene

Concen: 50.658 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044724.D

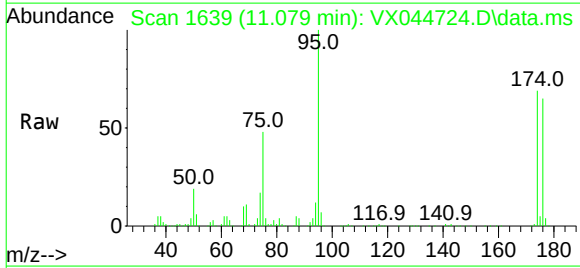
Acq: 27 Jan 2025 15:18

Instrument :

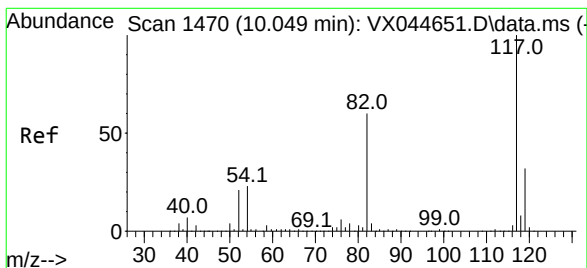
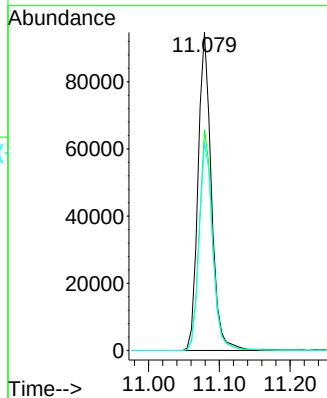
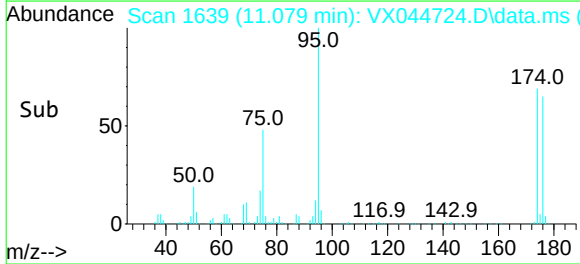
MSVOA_X

ClientSampleId :

PB166212ZHE#02



Tgt Ion:	95	Resp:	123453
Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	133.0
176	67.1	0.0	129.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

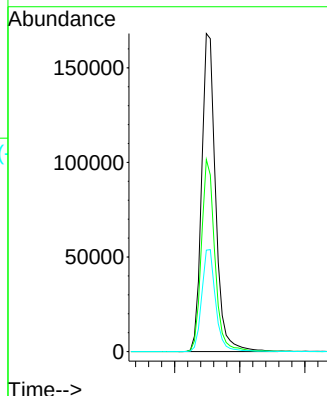
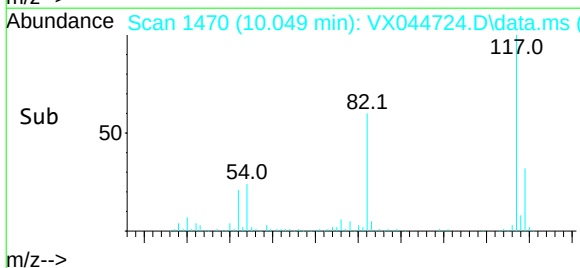
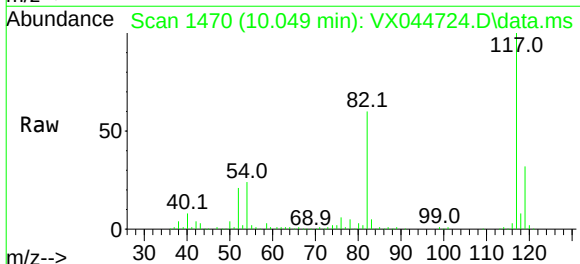
RT: 10.049 min Scan# 1470

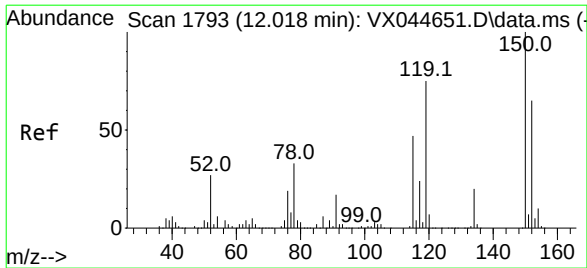
Delta R.T. -0.000 min

Lab File: VX044724.D

Acq: 27 Jan 2025 15:18

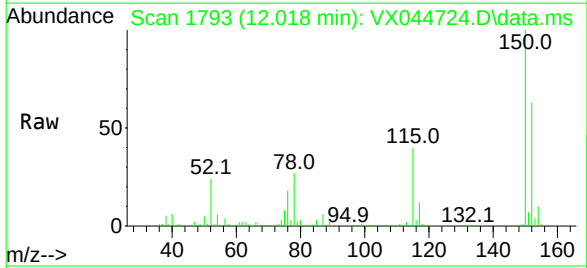
Tgt Ion:	117	Resp:	249832
Ion	Ratio	Lower	Upper
117	100		
82	60.4	47.6	71.4
119	31.9	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VX044724.D
 Acq: 27 Jan 2025 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166212ZHE#02



Tgt Ion:152 Resp: 106375
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.8 131.4
 150 159.6 0.0 347.8

