

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045964.D
 Acq On : 28 Apr 2025 18:09
 Operator : JC/MD
 Sample : Q1895-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: Apr 29 01:36:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

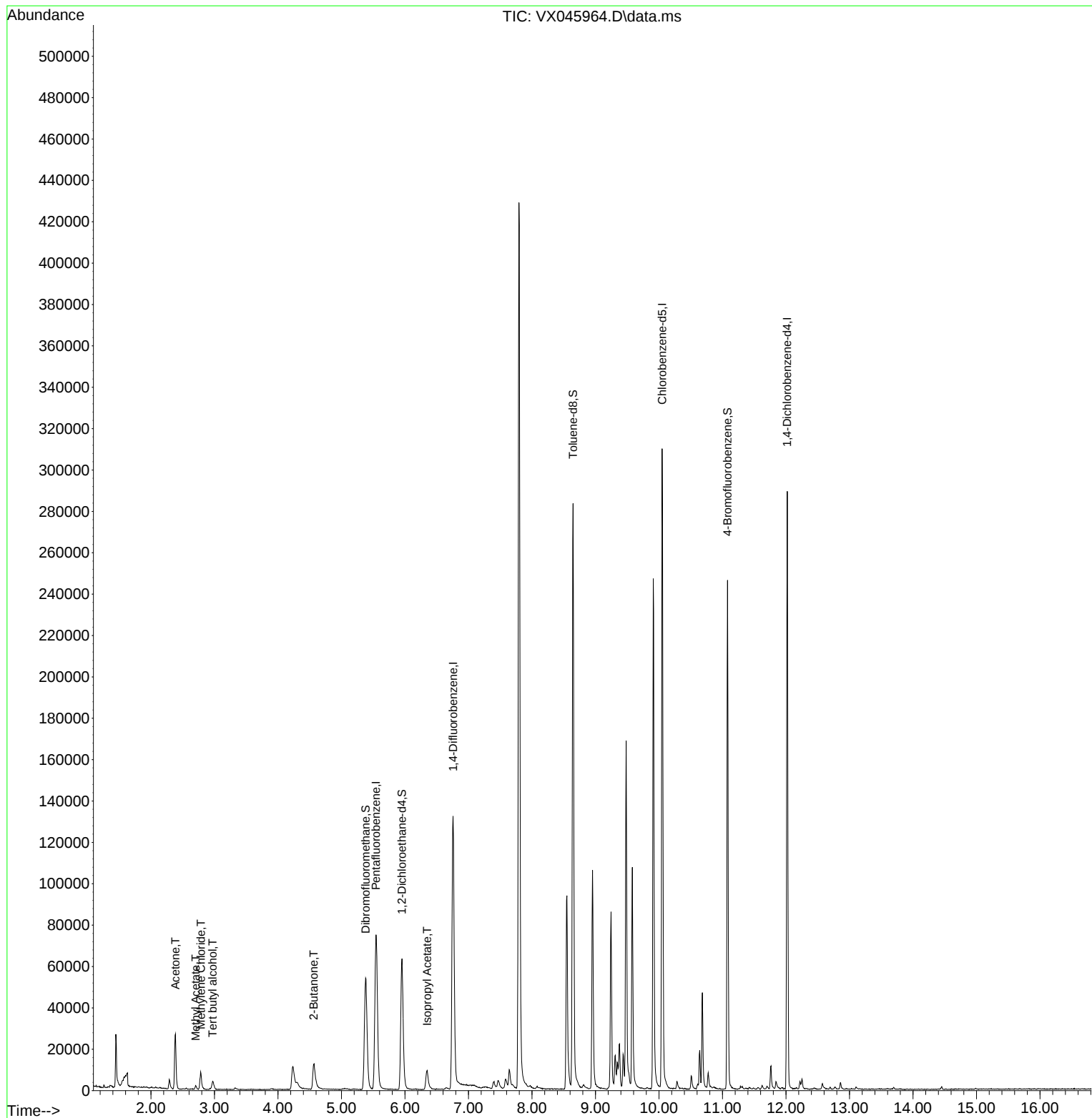
Internal Standards						
1) Pentafluorobenzene	5.544	168	64237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64149	54.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.220%	
35) Dibromofluoromethane	5.379	113	47116	51.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.900%	
50) Toluene-d8	8.647	98	163090	51.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	62628	54.312	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	4266	27.022	ug/l	98
16) Acetone	2.386	43	29979	62.149	ug/l	96
18) Methyl Acetate	2.703	43	2212	1.992	ug/l #	86
20) Methylene Chloride	2.788	84	3612	4.000	ug/l	95
25) 2-Butanone	4.562	43	24830	35.165	ug/l	96
43) Isopropyl Acetate	6.349	43	14201	6.071	ug/l	97

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

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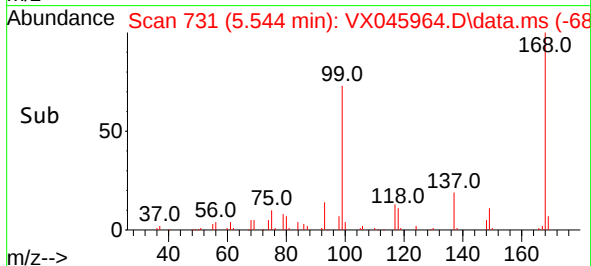
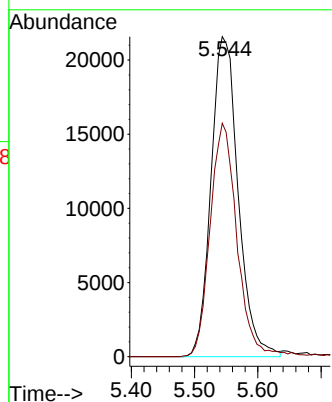
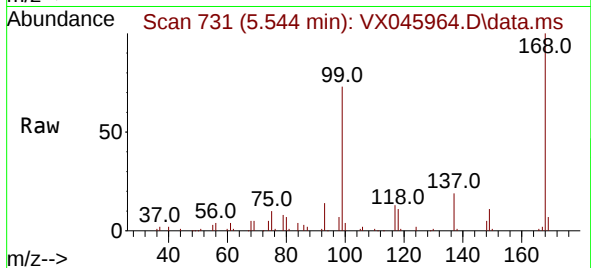




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

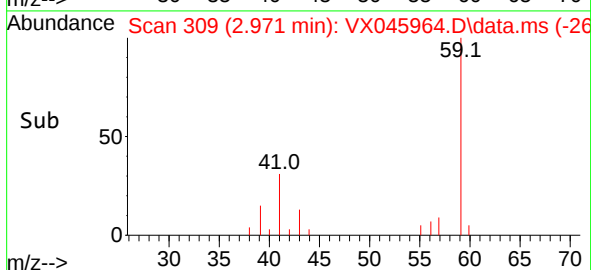
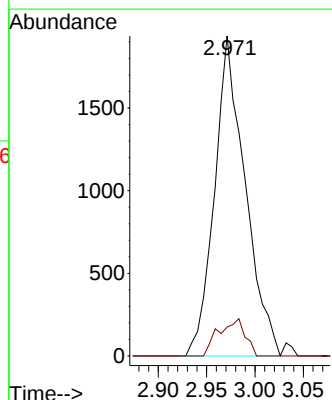
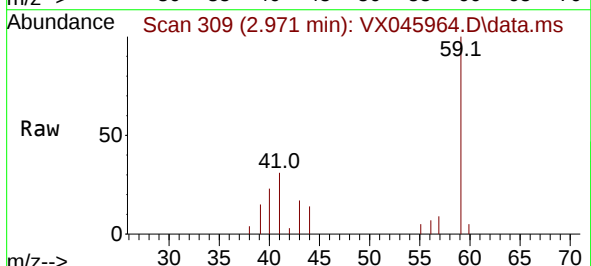
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

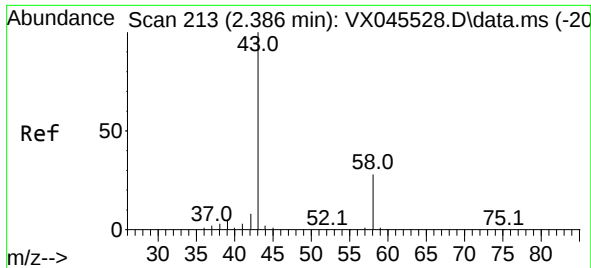
Tgt Ion:168 Resp: 64237
Ion Ratio Lower Upper
168 100
99 72.9 52.3 78.5



#11
Tert butyl alcohol
Concen: 27.022 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

Tgt Ion: 59 Resp: 4266
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

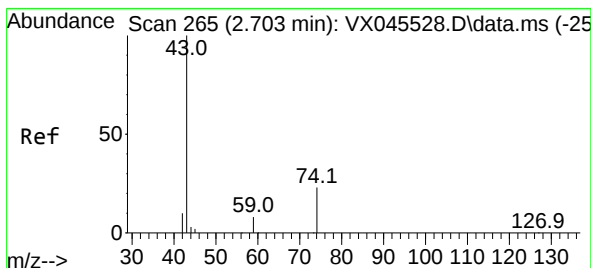
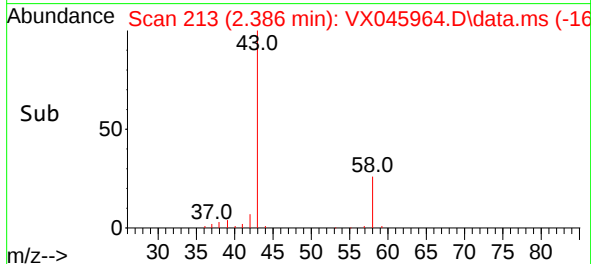
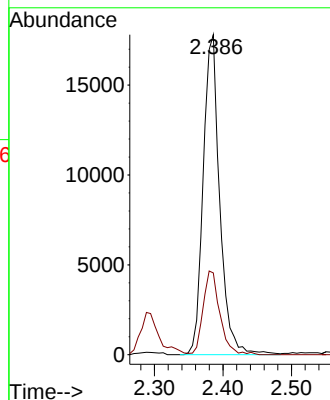
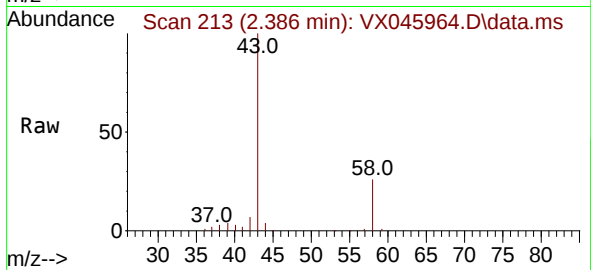




#16
Acetone
Concen: 62.149 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

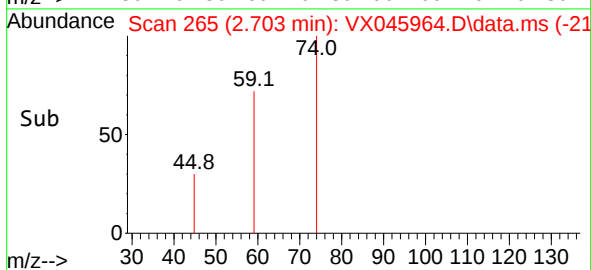
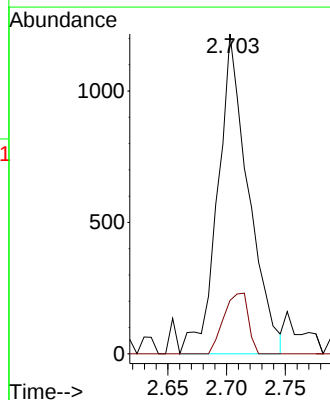
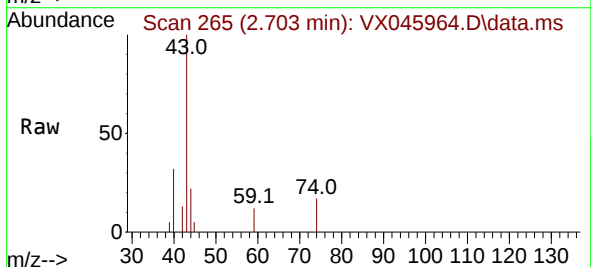
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

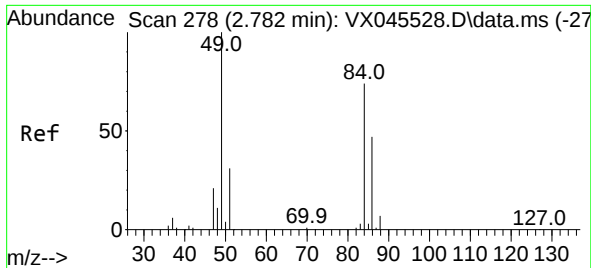
Tgt Ion: 43 Resp: 29979
Ion Ratio Lower Upper
43 100
58 25.6 22.3 33.5



#18
Methyl Acetate
Concen: 1.992 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
74 15.1 17.5 26.3#

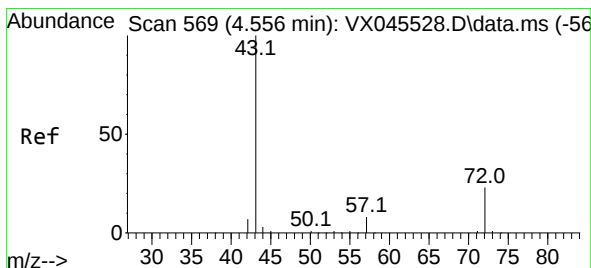
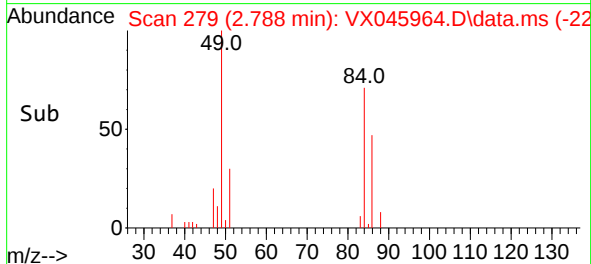
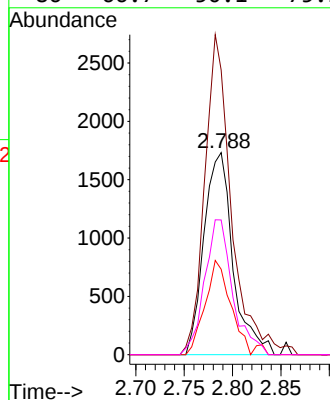
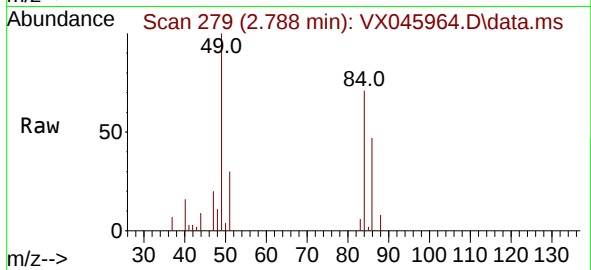




#20
Methylene Chloride
Concen: 4.000 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

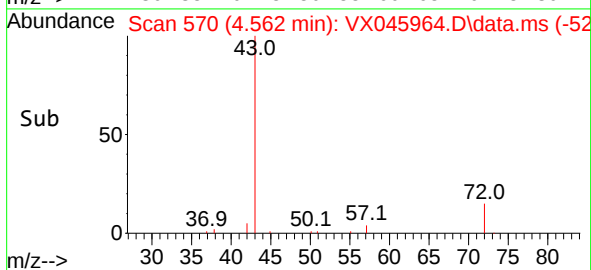
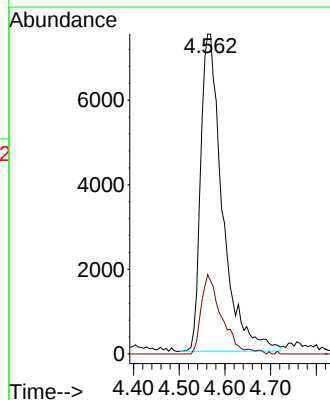
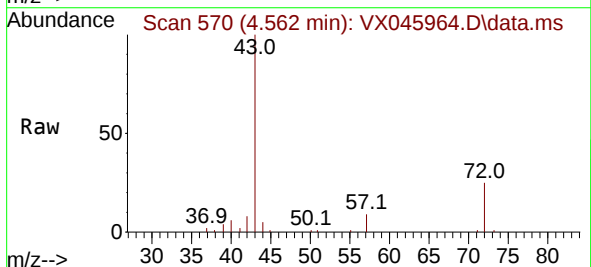
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

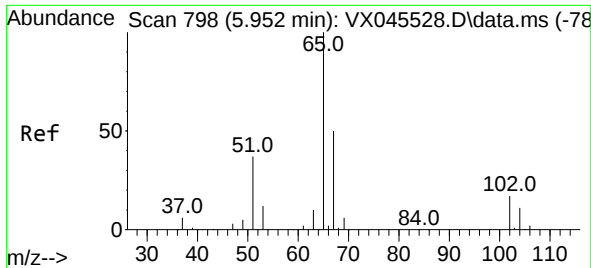
Tgt Ion:	84	Resp:	3612
Ion	Ratio	Lower	Upper
84	100		
49	140.9	107.5	161.3
51	42.3	33.0	49.6
86	66.7	50.1	75.1



#25
2-Butanone
Concen: 35.165 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

Tgt Ion:	43	Resp:	24830
Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.6	28.0

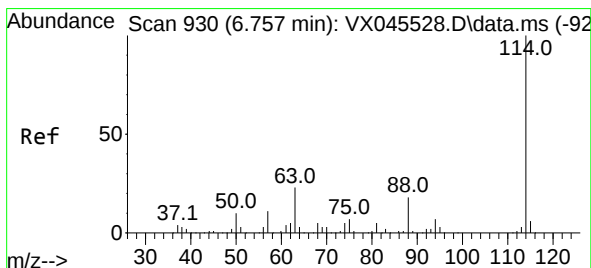
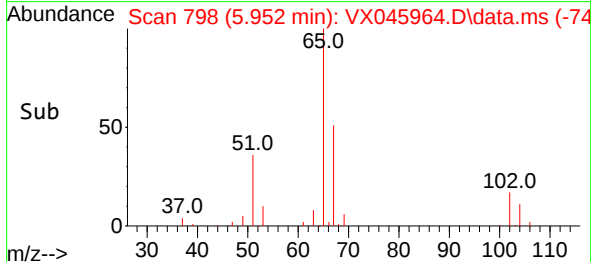
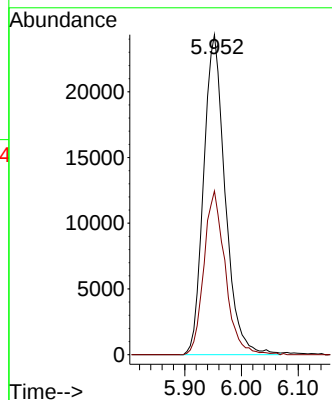
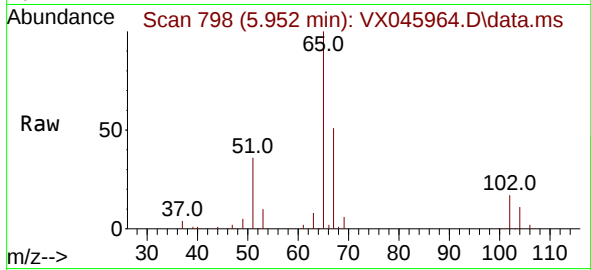




#33
 1,2-Dichloroethane-d4
 Concen: 54.608 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045964.D
 Acq: 28 Apr 2025 18:09

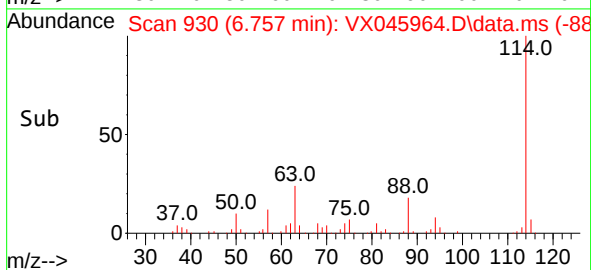
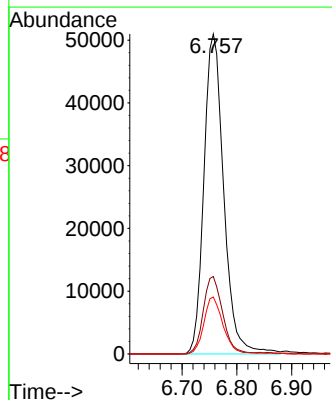
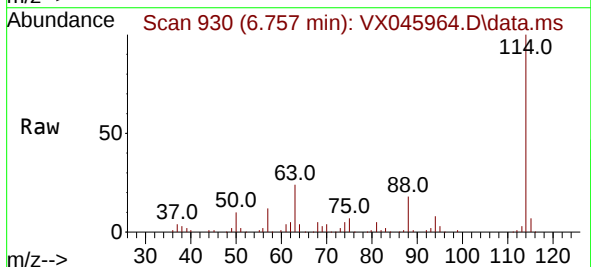
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

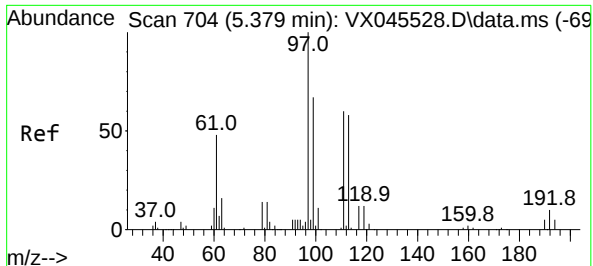
Tgt Ion: 65 Resp: 64149
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045964.D
 Acq: 28 Apr 2025 18:09

Tgt Ion: 114 Resp: 127833
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.8
 88 17.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.948 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045964.D

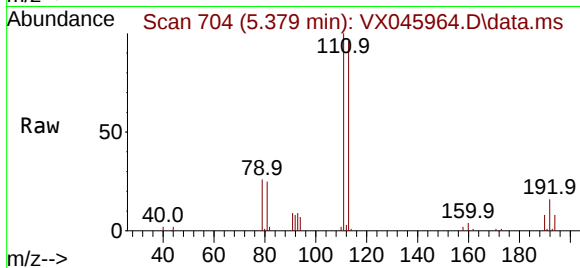
Acq: 28 Apr 2025 18:09

Instrument :

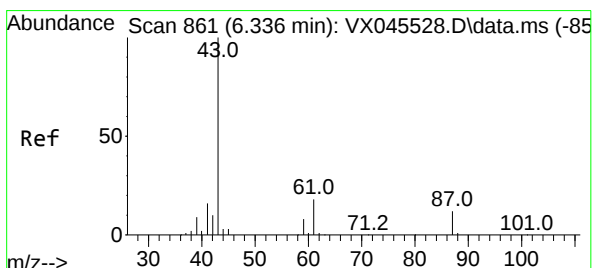
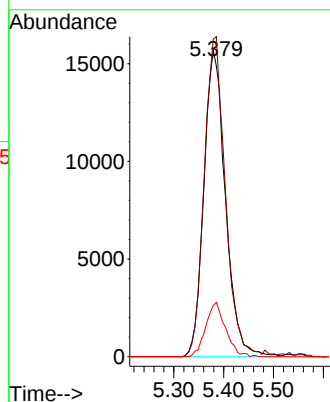
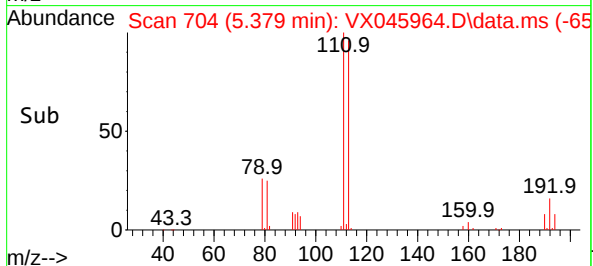
MSVOA_X

ClientSampleId :

COMP-3



Tgt Ion:	113	Resp:	47116
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	16.3	13.8	20.6



#43

Isopropyl Acetate

Concen: 6.071 ug/l

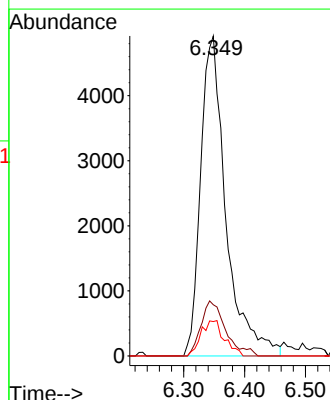
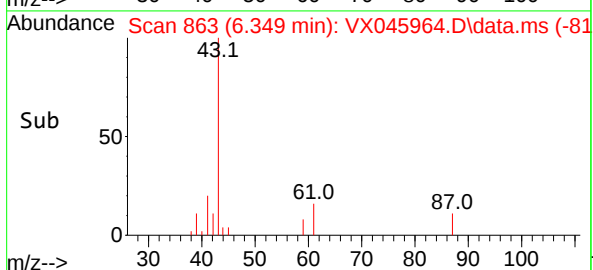
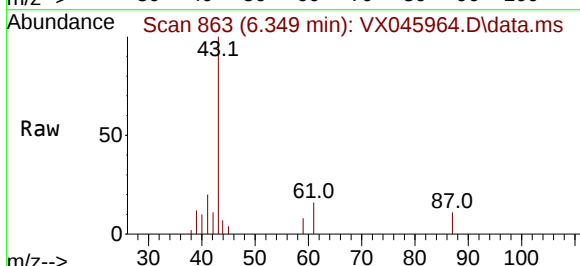
RT: 6.349 min Scan# 863

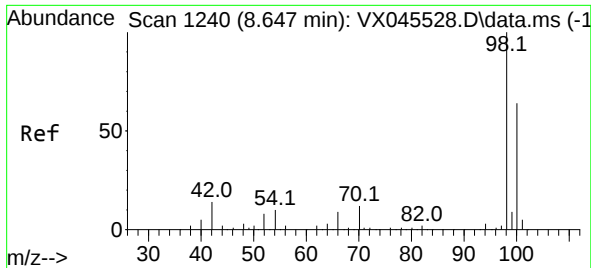
Delta R.T. 0.012 min

Lab File: VX045964.D

Acq: 28 Apr 2025 18:09

Tgt Ion:	43	Resp:	14201
Ion	Ratio	Lower	Upper
43	100		
61	16.6	14.1	21.1
87	10.1	9.2	13.8

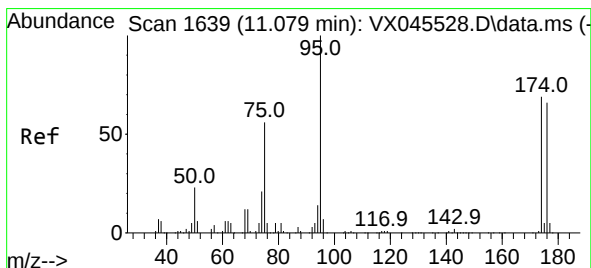
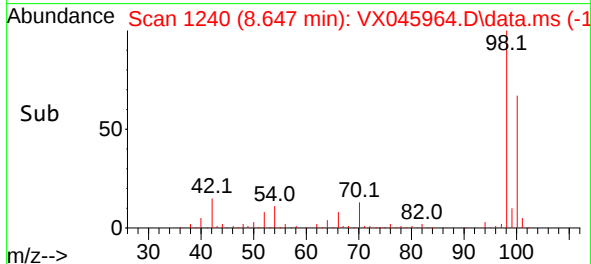
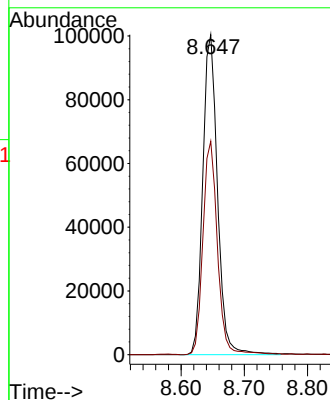
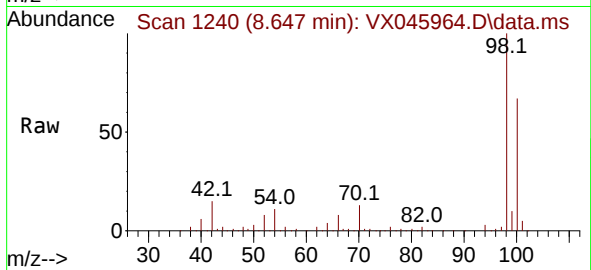




#50
Toluene-d8
Concen: 51.518 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

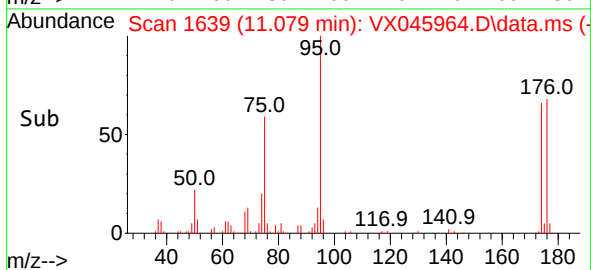
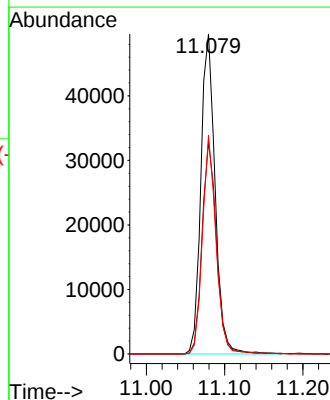
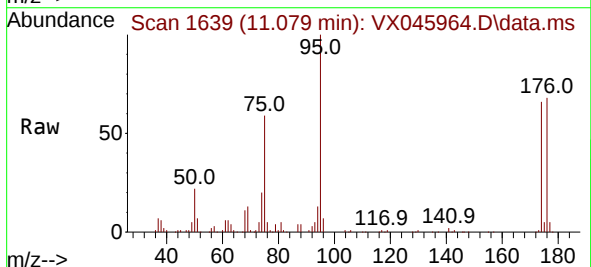
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

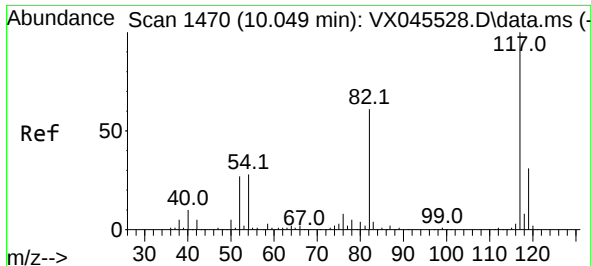
Tgt Ion: 98 Resp: 163090
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

Tgt Ion: 95 Resp: 62628
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 64.8 0.0 131.4

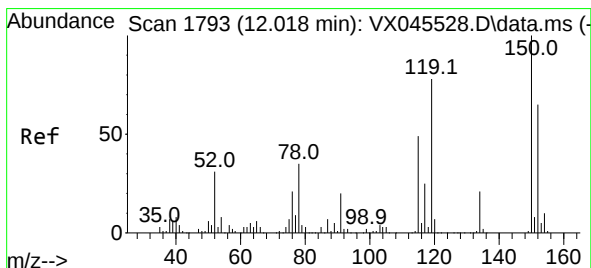
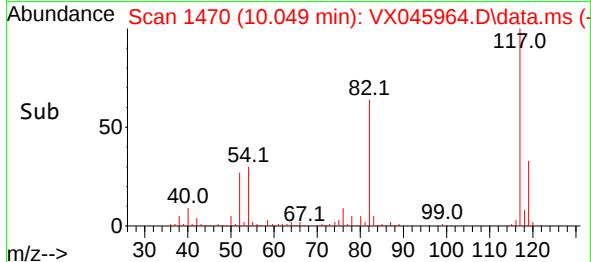
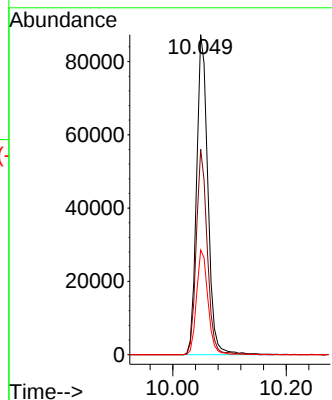
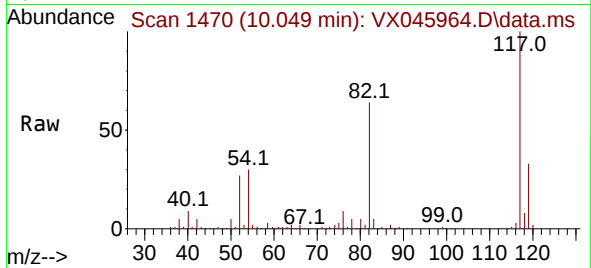




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 121065
Ion Ratio Lower Upper
117 100
82 64.2 49.2 73.8
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045964.D
Acq: 28 Apr 2025 18:09

Tgt Ion:152 Resp: 52897
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 158.5 0.0 349.4

