

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044720.D
 Acq On : 27 Jan 2025 13:47
 Operator : JC/MD
 Sample : Q1173-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 04:11:51 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	153813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	313071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	272691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113117	48.722	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.440%
35) Dibromofluoromethane	5.379	113	101908	51.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	8.647	98	380557	54.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.760%
62) 4-Bromofluorobenzene	11.079	95	131541	50.881	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.760%

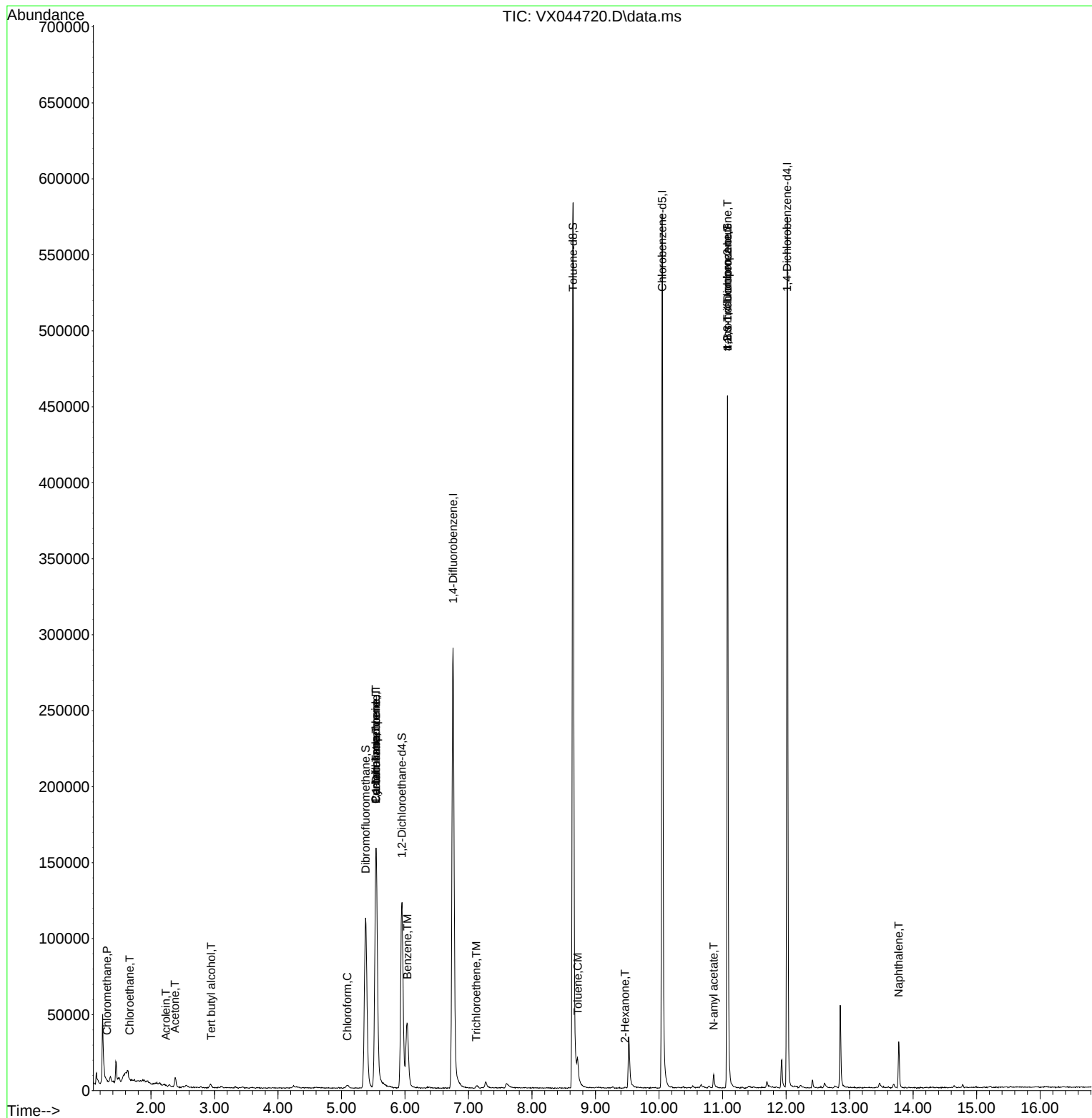
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.307	50	724	0.323	ug/l	89
6) Chloroethane	1.666	64	851	2.098	ug/l #	83
11) Tert butyl alcohol	2.947	59	1043	2.015	ug/l #	85
13) Acrolein	2.233	56	637	2.615	ug/l #	45
16) Acetone	2.380	43	6840	7.446	ug/l	91
30) Chloroform	5.093	83	2564	0.703	ug/l	87
31) Cyclohexane	5.544	56	3586	1.227	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	13298	4.803	ug/l #	48
38) Carbon Tetrachloride	5.544	117	15542	4.991	ug/l #	16
40) Benzene	6.038	78	55540	6.474	ug/l	98
44) Trichloroethene	7.123	130	695	0.337	ug/l	88
52) Toluene	8.720	92	5022	0.956	ug/l	96
59) 2-Hexanone	9.464	43	637	0.289	ug/l #	55
74) N-amyl acetate	10.860	43	1746	0.378	ug/l #	7
76) 1,2,3-Trichloropropane	11.079	75	65190	23.444	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	65190	53.613	ug/l #	12
95) Naphthalene	13.774	128	19601	2.182	ug/l	99

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

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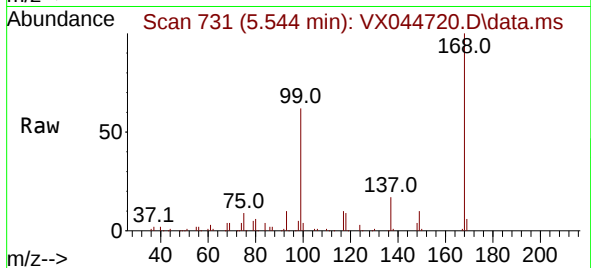
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



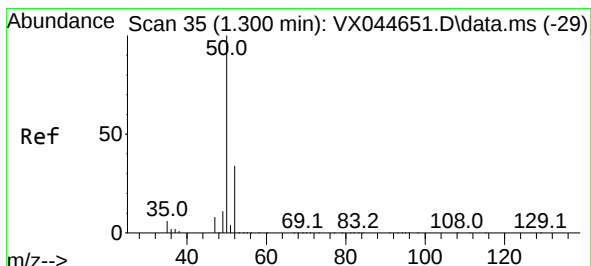
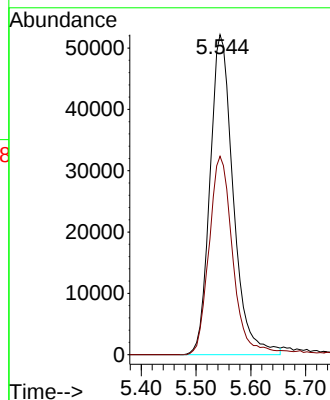
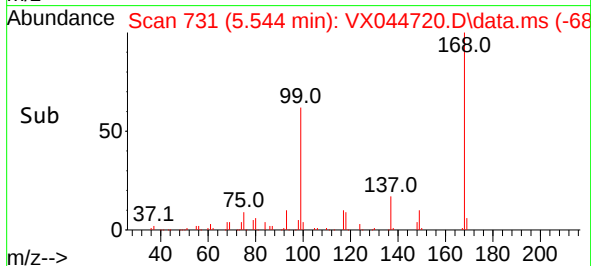


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :

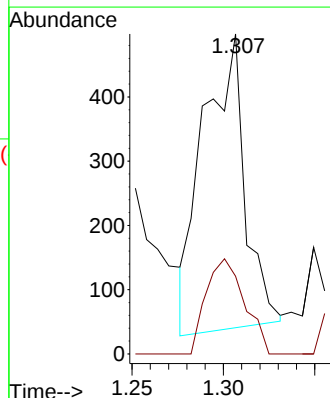
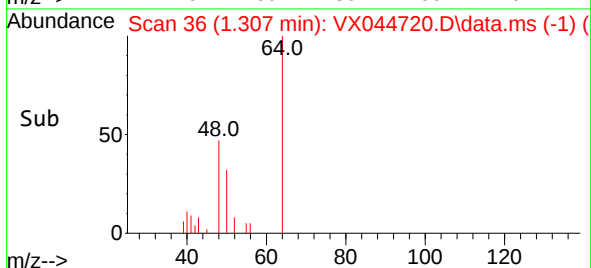
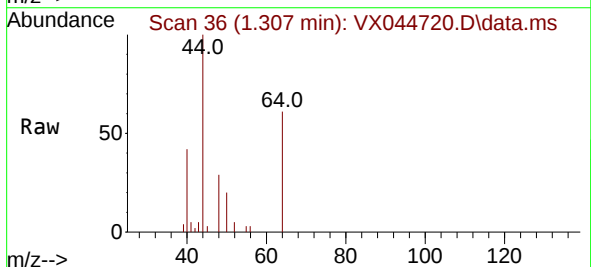


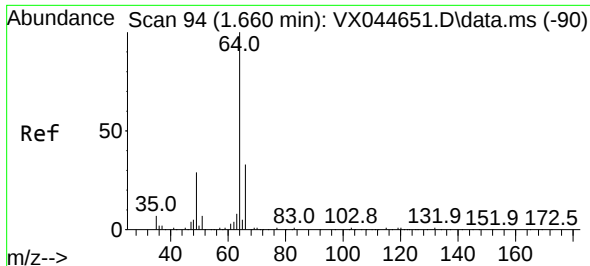
Tgt Ion:168 Resp: 153813
Ion Ratio Lower Upper
168 100
99 62.0 51.1 76.7



#3
Chloromethane
Concen: 0.323 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Tgt Ion: 50 Resp: 724
Ion Ratio Lower Upper
50 100
52 27.6 27.0 40.4

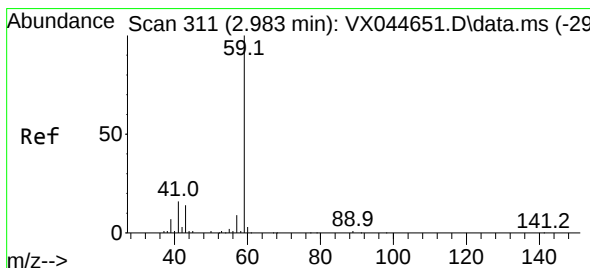
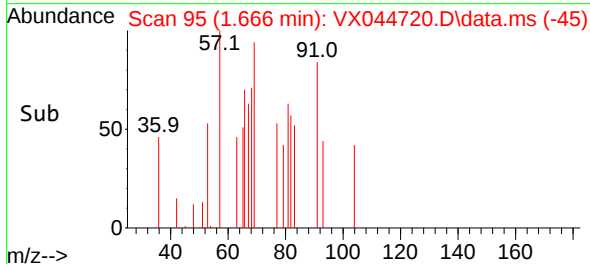
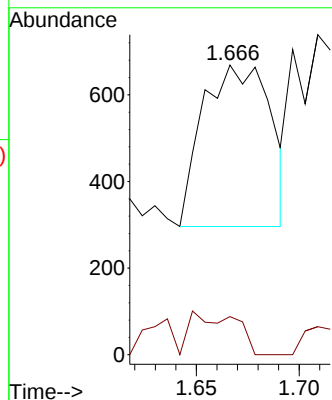
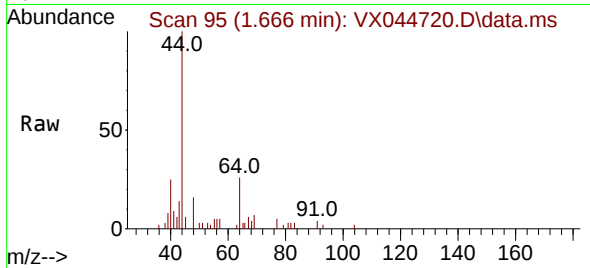




#6
Chloroethane
Concen: 2.098 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

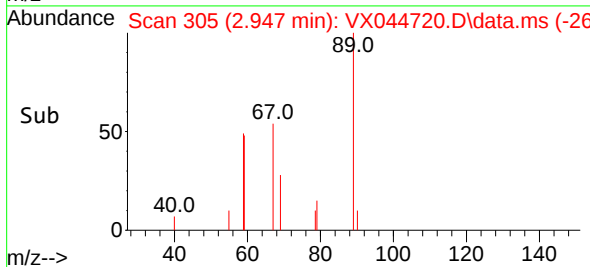
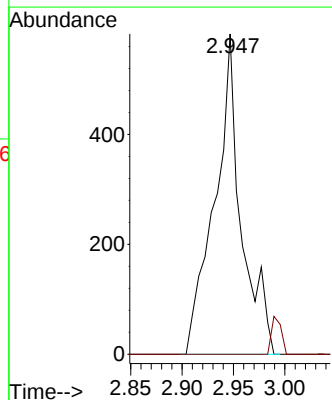
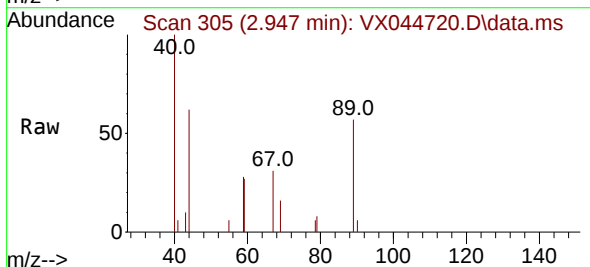
Instrument :
MSVOA_X
ClientSampleId :

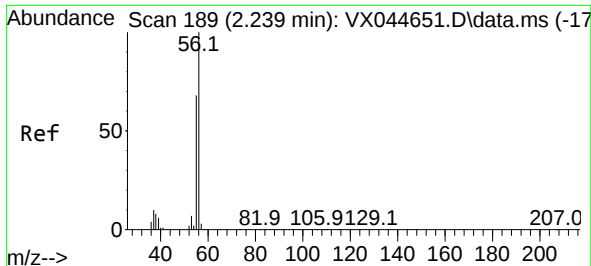
Tgt Ion: 64 Resp: 851
Ion Ratio Lower Upper
64 100
66 23.6 26.6 39.8#



#11
Tert butyl alcohol
Concen: 2.015 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Tgt Ion: 59 Resp: 1043
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#

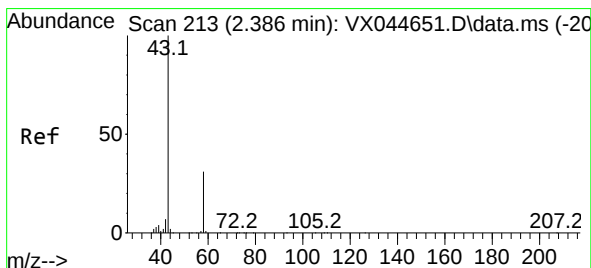
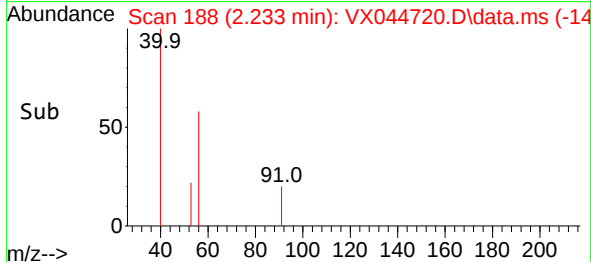
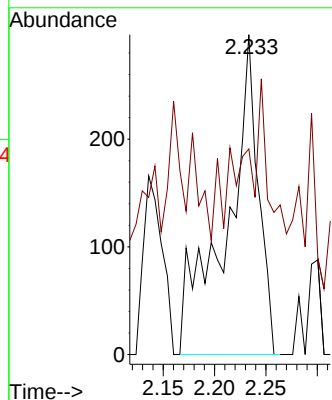
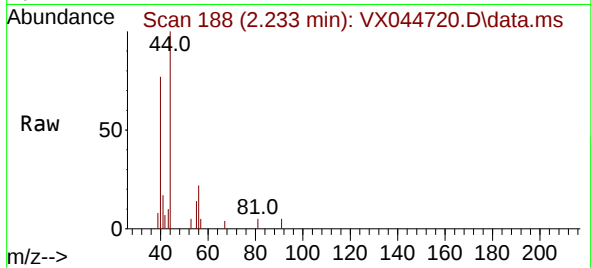




#13
Acrolein
Concen: 2.615 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

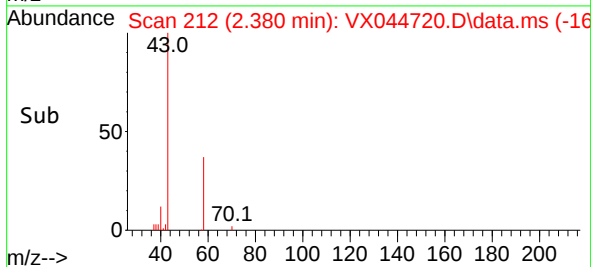
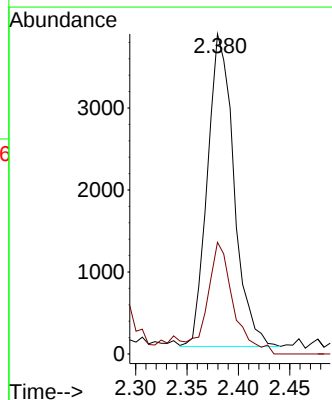
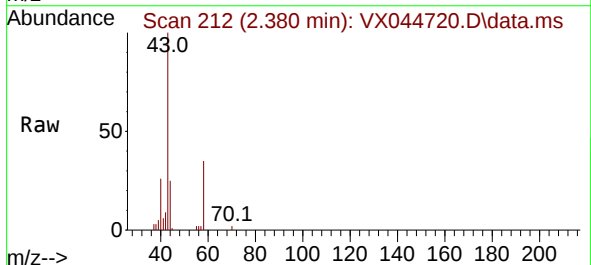
Instrument :
MSVOA_X
ClientSampleId :

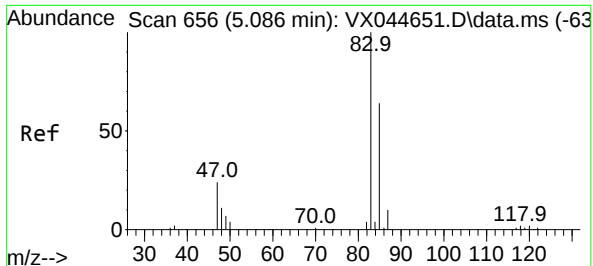
Tgt Ion: 56 Resp: 637
Ion Ratio Lower Upper
56 100
55 24.5 55.1 82.7#



#16
Acetone
Concen: 7.446 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Tgt Ion: 43 Resp: 6840
Ion Ratio Lower Upper
43 100
58 35.7 24.6 37.0

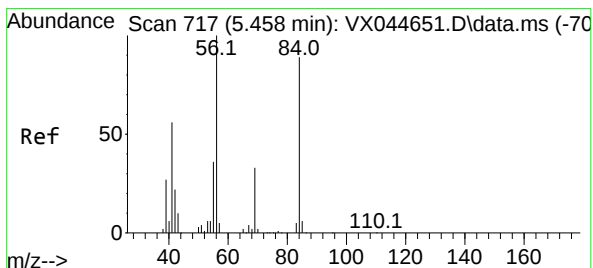
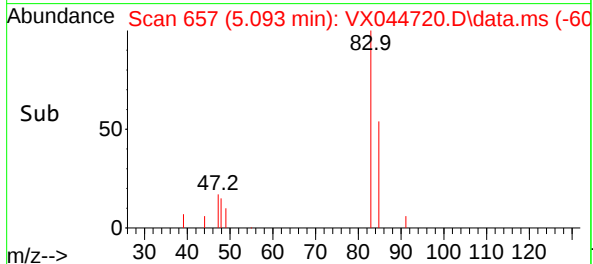
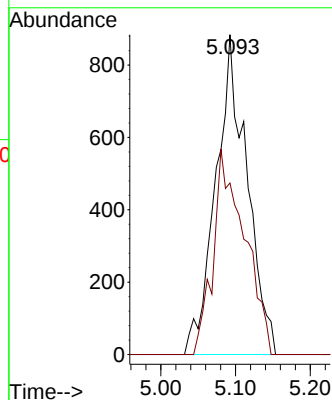
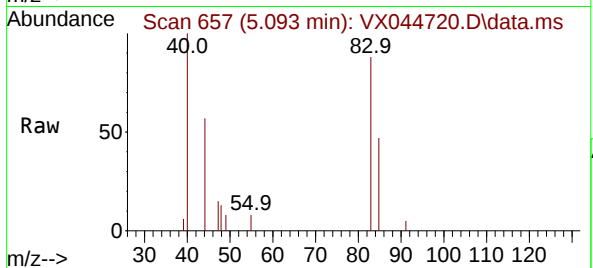




#30
Chloroform
Concen: 0.703 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

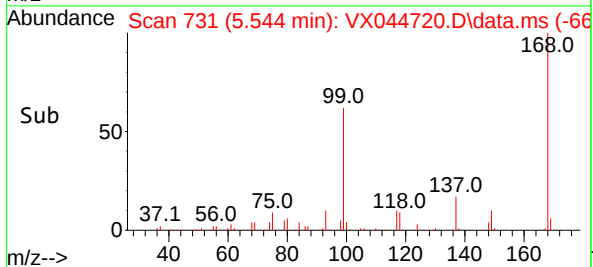
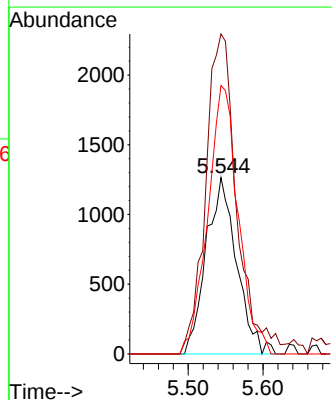
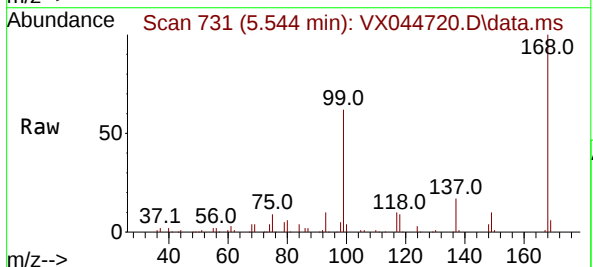
Instrument :
MSVOA_X
ClientSampleId :

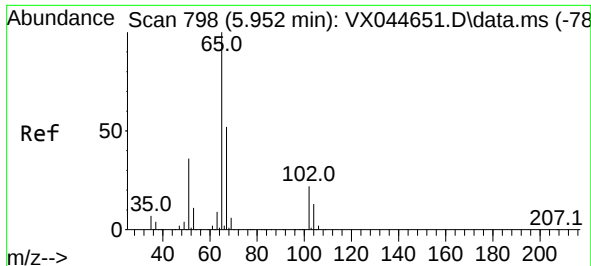
Tgt Ion: 83 Resp: 2564
Ion Ratio Lower Upper
83 100
85 53.6 51.2 76.8



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Tgt Ion: 56 Resp: 3586
Ion Ratio Lower Upper
56 100
69 181.6 26.8 40.2#
84 152.4 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 48.722 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044720.D

Acq: 27 Jan 2025 13:47

Instrument :

MSVOA_X

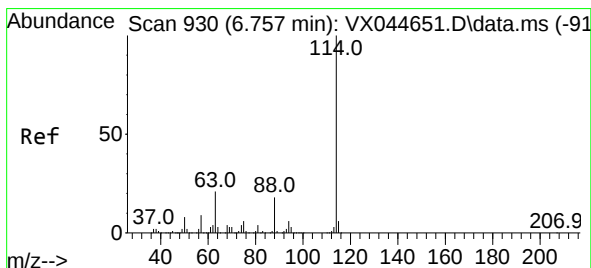
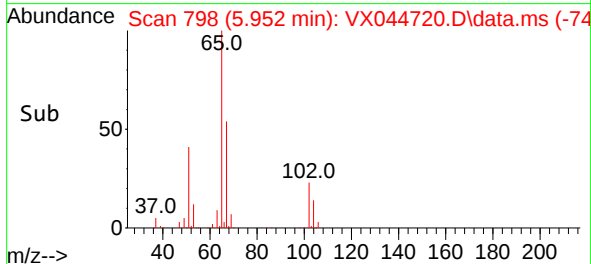
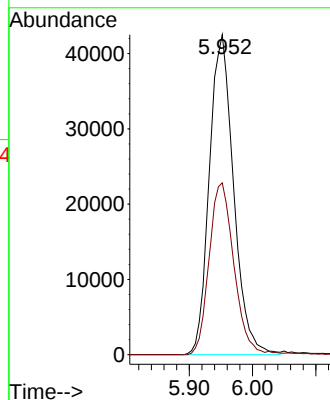
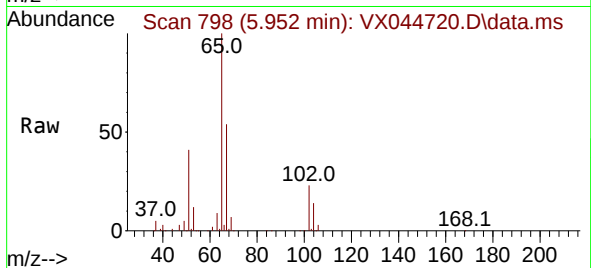
ClientSampleId :

Tgt Ion: 65 Resp: 113117

Ion Ratio Lower Upper

65 100

67 54.9 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: VX044720.D

Acq: 27 Jan 2025 13:47

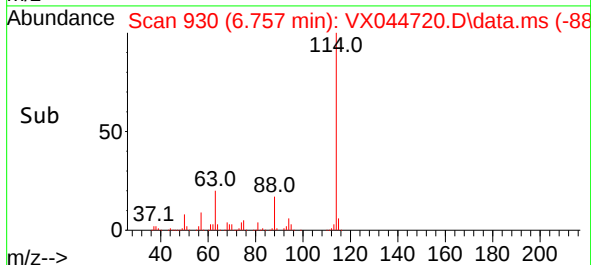
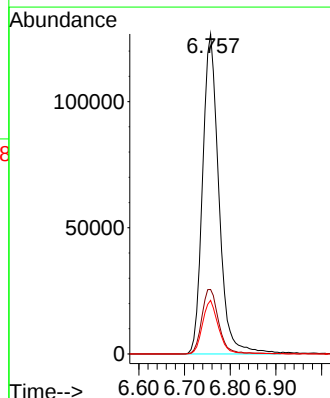
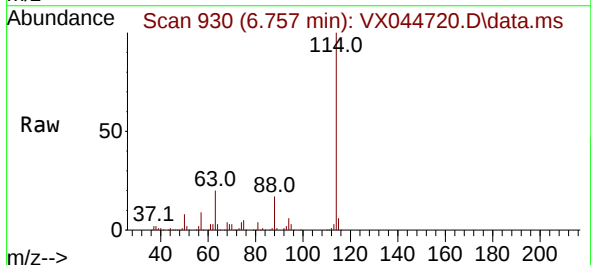
Tgt Ion: 114 Resp: 313071

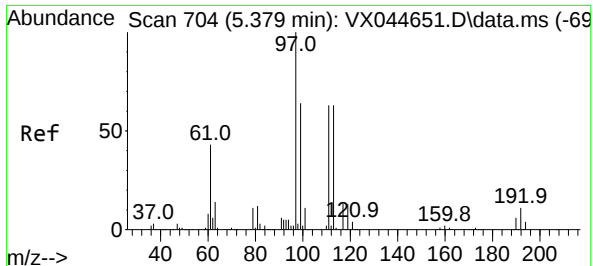
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.0

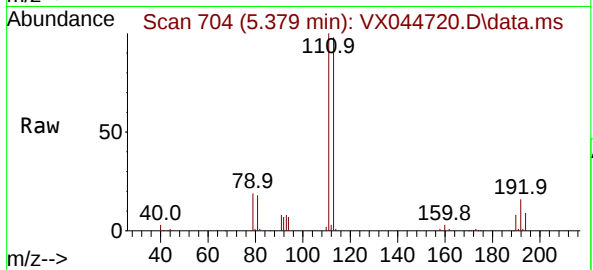
88 16.7 0.0 35.4





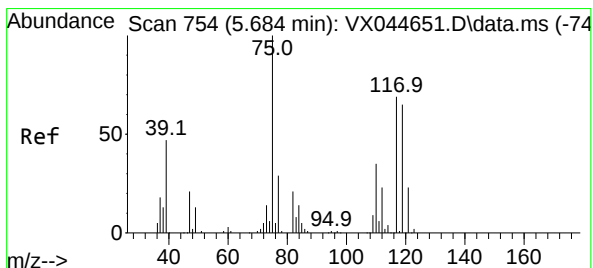
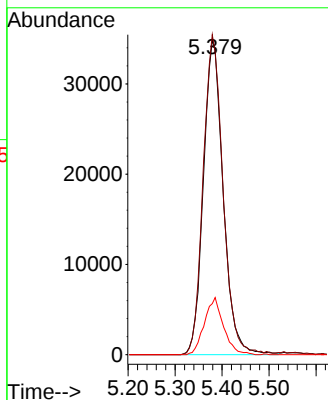
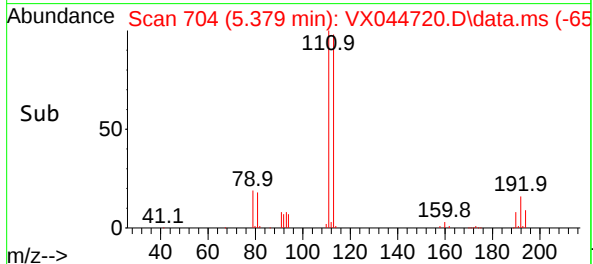
#35
 Dibromofluoromethane
 Concen: 51.239 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044720.D
 Acq: 27 Jan 2025 13:47

Instrument :
 MSVOA_X
 ClientSampleId :

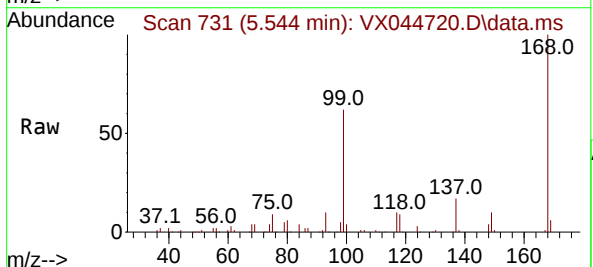


Tgt Ion:113 Resp: 101908

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	17.5	14.4	21.6

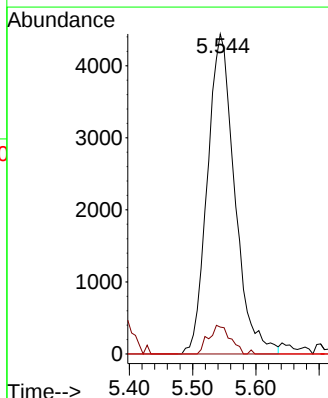
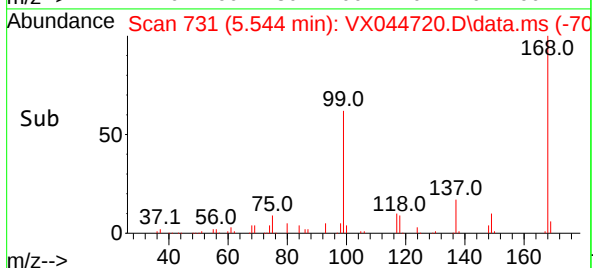


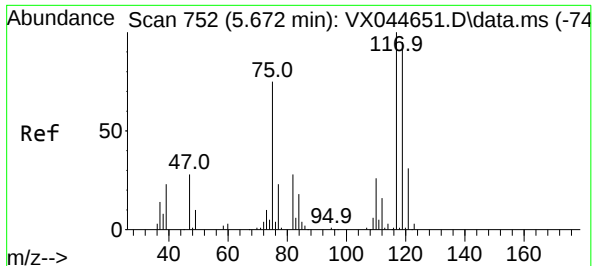
#36
 1,1-Dichloropropene
 Concen: 4.803 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.140 min
 Lab File: VX044720.D
 Acq: 27 Jan 2025 13:47



Tgt Ion: 75 Resp: 13298

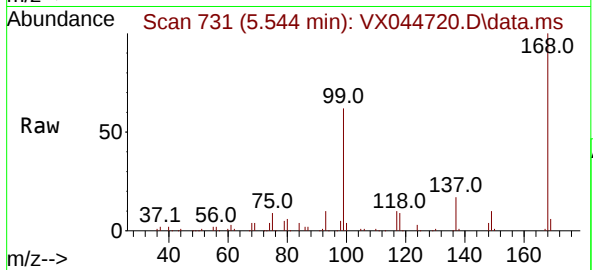
Ion	Ratio	Lower	Upper
75	100		
110	7.1	17.9	53.8#
77	0.0	24.5	36.7#



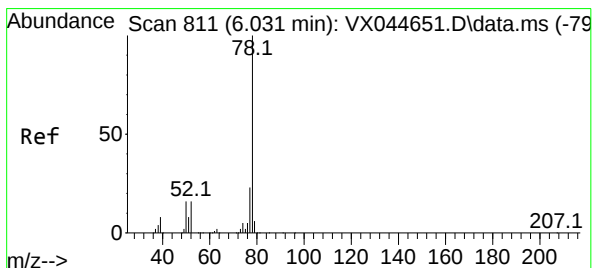
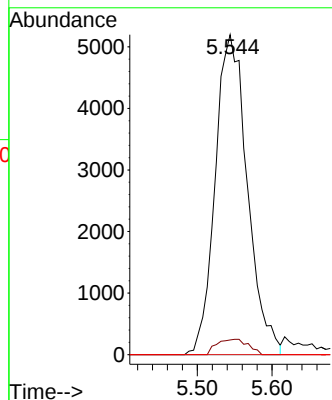
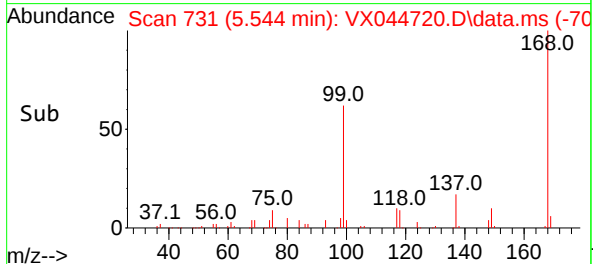


#38
Carbon Tetrachloride
Concen: 4.991 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :

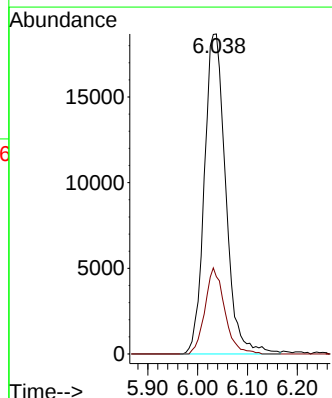
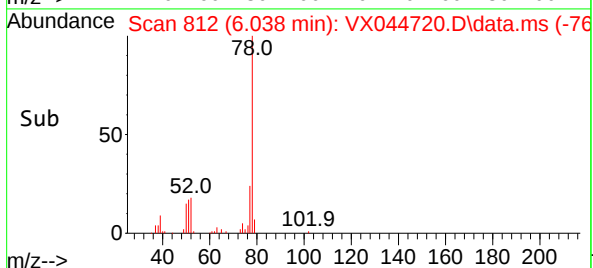
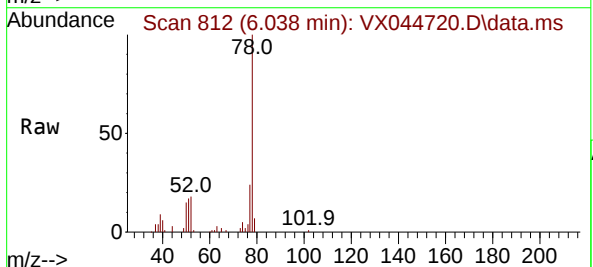


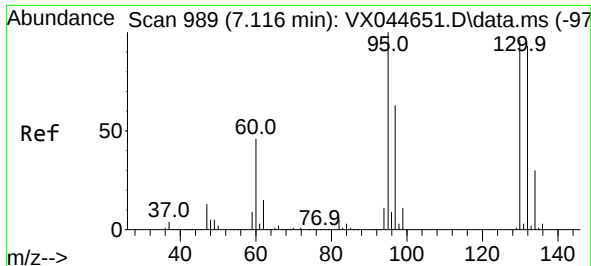
Tgt Ion:117 Resp: 15542
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.6 36.8#



#40
Benzene
Concen: 6.474 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Tgt Ion: 78 Resp: 55540
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1

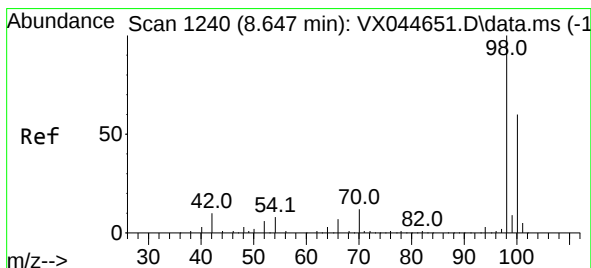
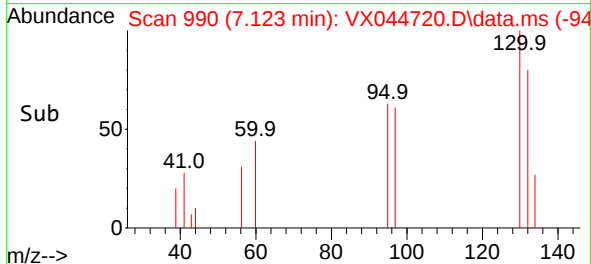
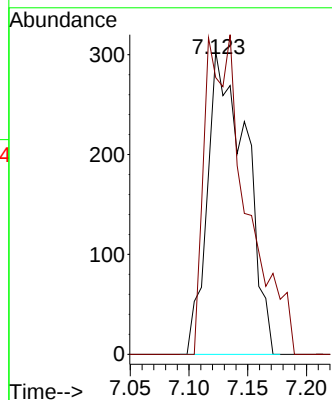
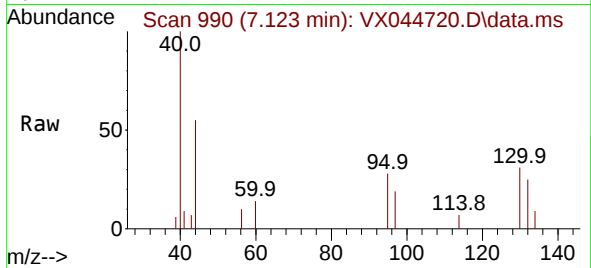




#44
 Trichloroethene
 Concen: 0.337 ug/l
 RT: 7.123 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX044720.D
 Acq: 27 Jan 2025 13:47

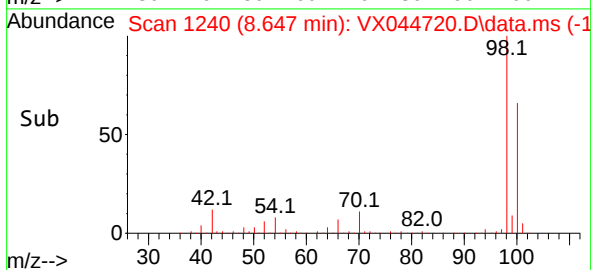
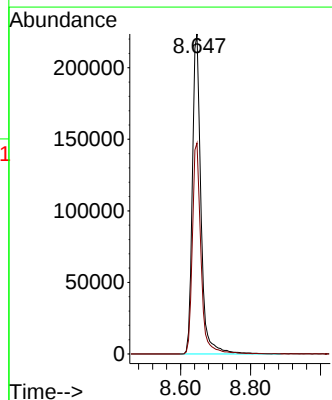
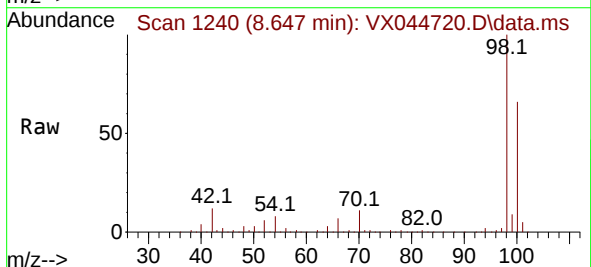
Instrument :
 MSVOA_X
 ClientSampleId :

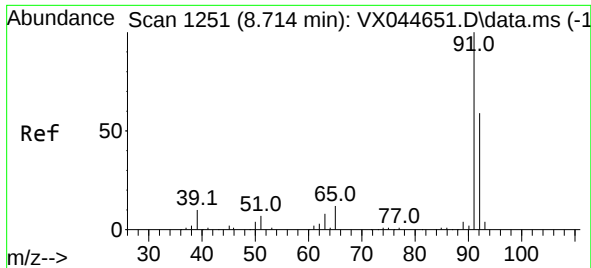
Tgt Ion:130 Resp: 695
 Ion Ratio Lower Upper
 130 100
 95 91.4 0.0 208.2



#50
 Toluene-d8
 Concen: 54.876 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX044720.D
 Acq: 27 Jan 2025 13:47

Tgt Ion: 98 Resp: 380557
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.2 79.8

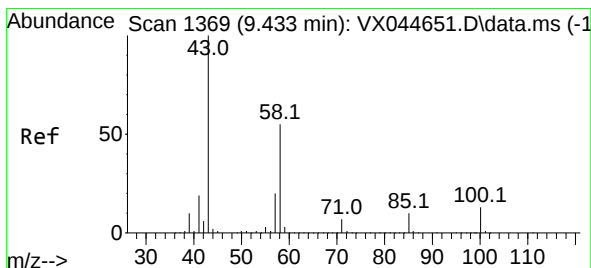
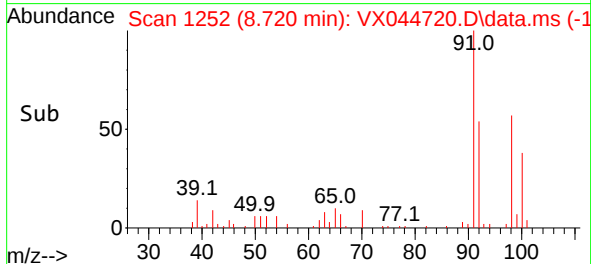
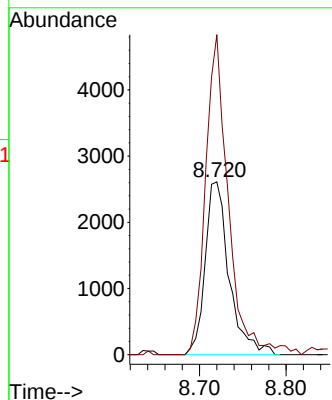
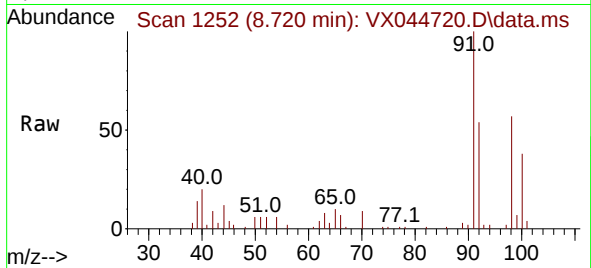




#52
Toluene
Concen: 0.956 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

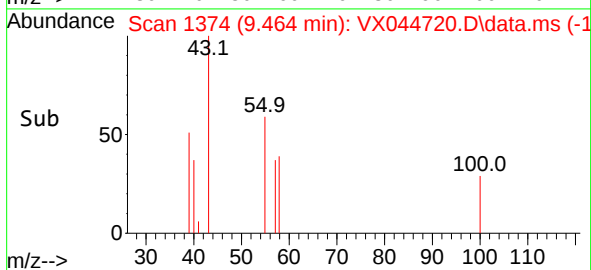
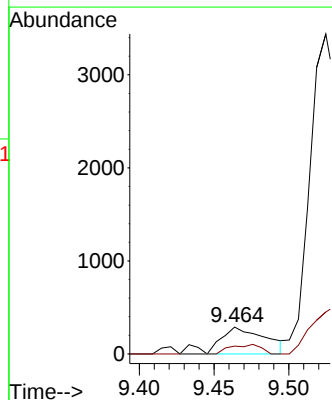
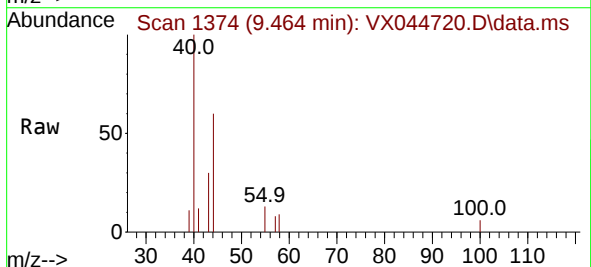
Instrument :
MSVOA_X
ClientSampleId :

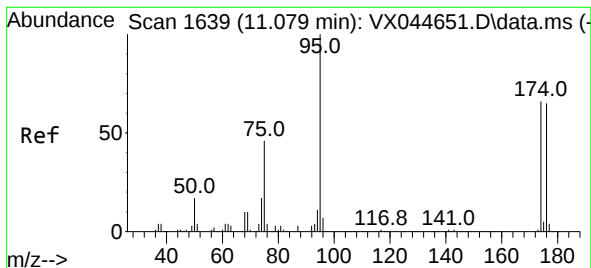
Tgt Ion: 92 Resp: 5022
Ion Ratio Lower Upper
92 100
91 175.6 135.7 203.5



#59
2-Hexanone
Concen: 0.289 ug/l
RT: 9.464 min Scan# 1374
Delta R.T. 0.031 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 22.6 27.8 83.3#

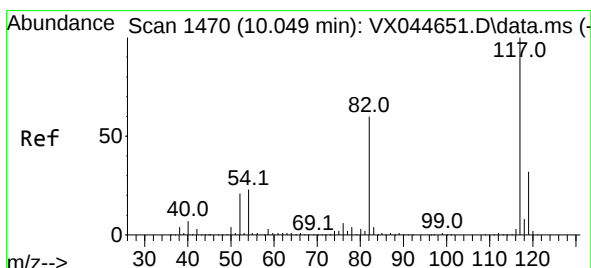
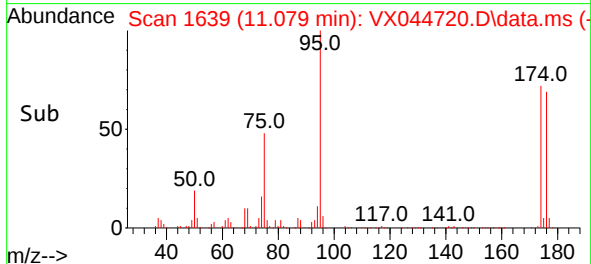
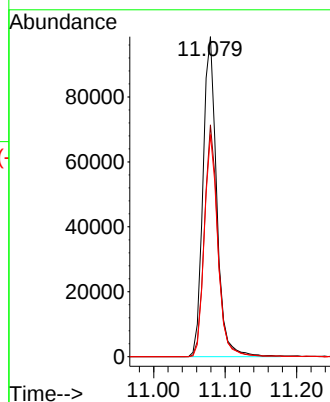
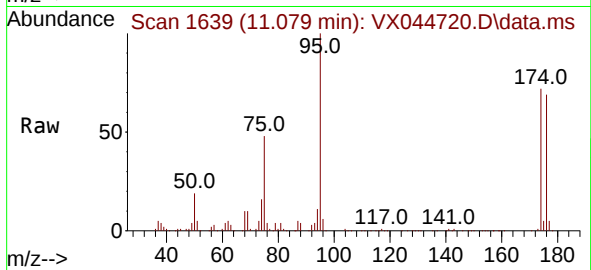




#62
4-Bromofluorobenzene
Concen: 50.881 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

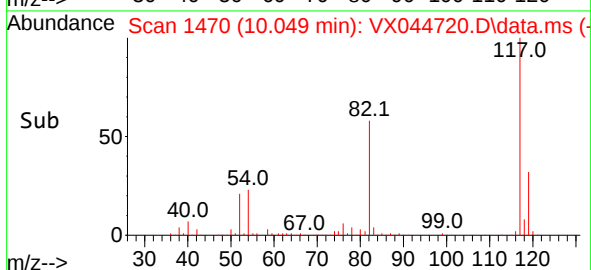
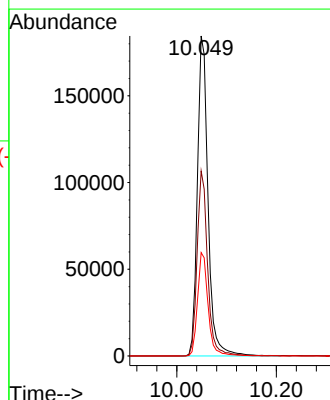
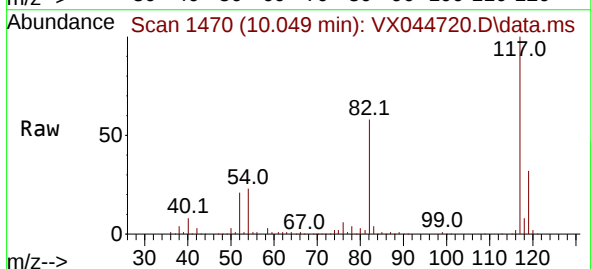
Instrument :
MSVOA_X
ClientSampleId :

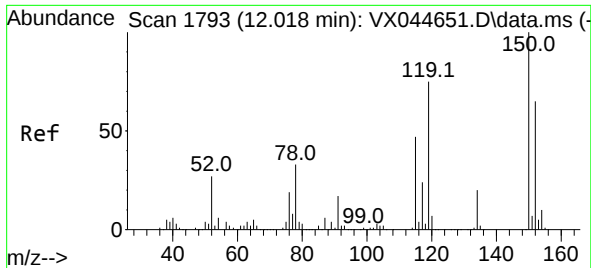
Tgt Ion: 95 Resp: 131541
Ion Ratio Lower Upper
95 100
174 71.0 0.0 133.0
176 68.5 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Tgt Ion: 117 Resp: 272691
Ion Ratio Lower Upper
117 100
82 57.8 47.6 71.4
119 32.3 25.4 38.2

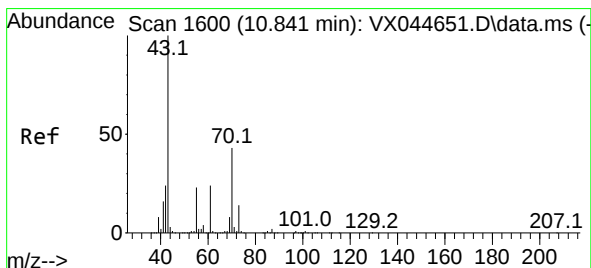
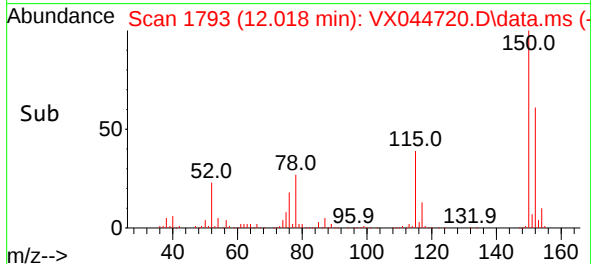
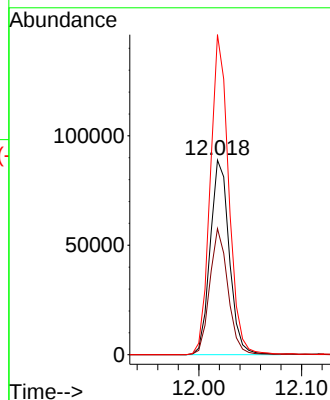
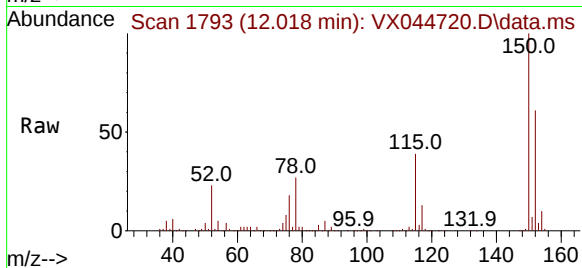




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

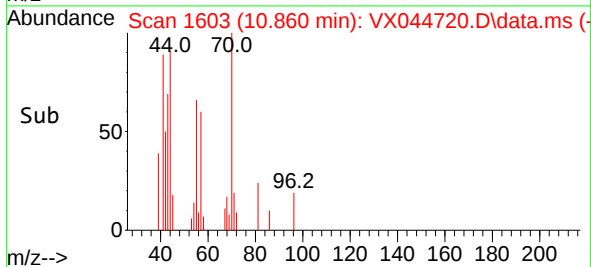
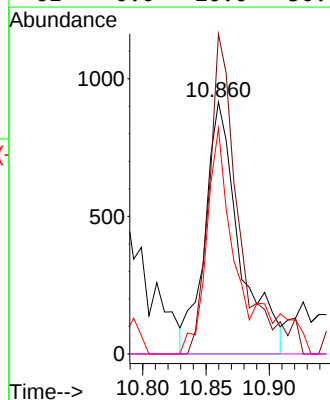
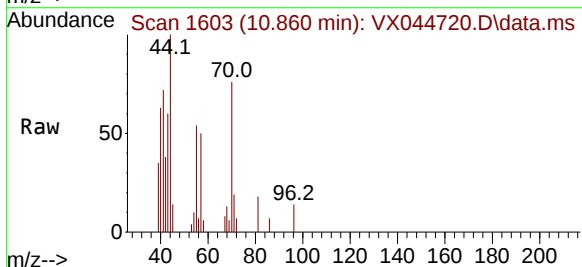
Instrument :
MSVOA_X
ClientSampleId :

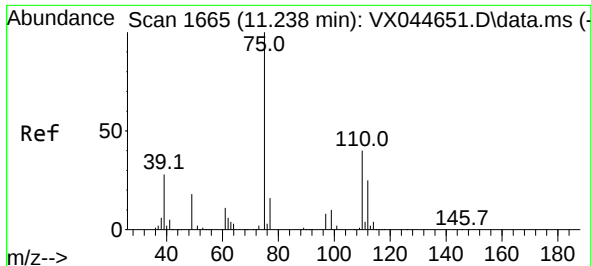
Tgt Ion:152 Resp: 114579
Ion Ratio Lower Upper
152 100
115 61.9 43.8 131.4
150 159.4 0.0 347.8



#74
N-ethyl acetate
Concen: 0.378 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
70 108.6 35.2 52.8#
55 84.6 19.0 28.4#
61 0.0 20.0 30.0#

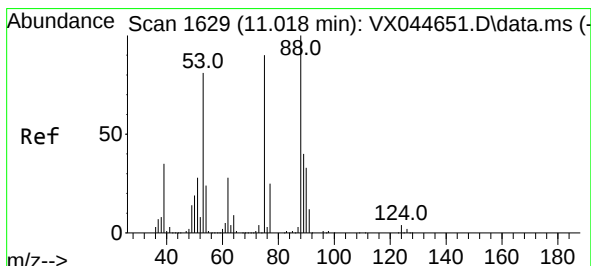
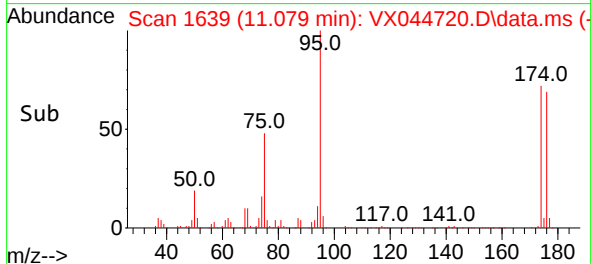
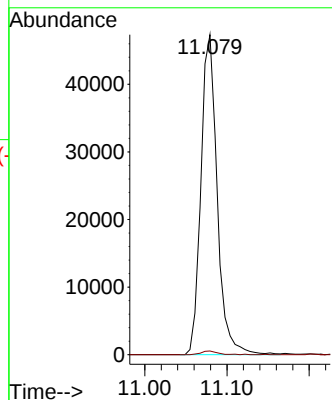
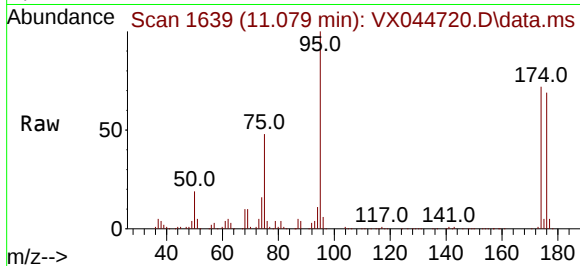




#76
1,2,3-Trichloropropane
Concen: 23.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

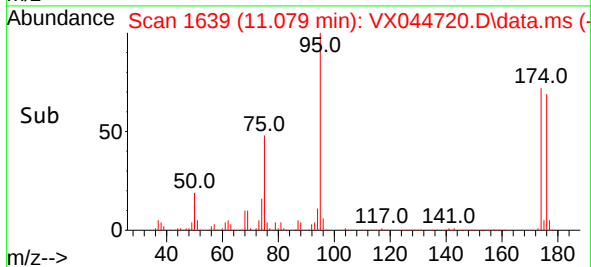
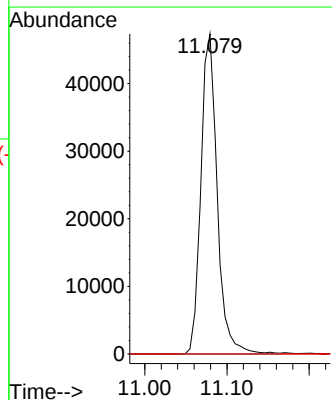
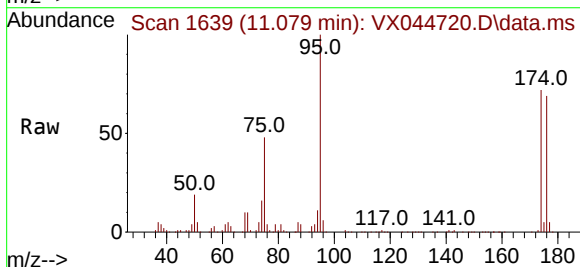
Instrument :
MSVOA_X
ClientSampleId :

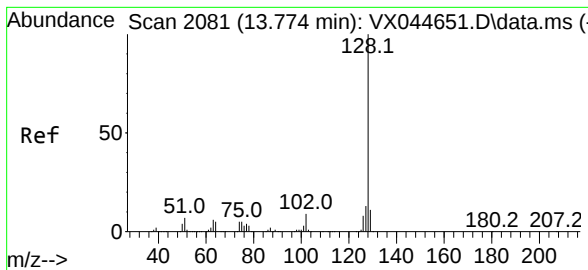
Tgt Ion: 75 Resp: 65190
Ion Ratio Lower Upper
75 100
77 1.2 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044720.D
Acq: 27 Jan 2025 13:47

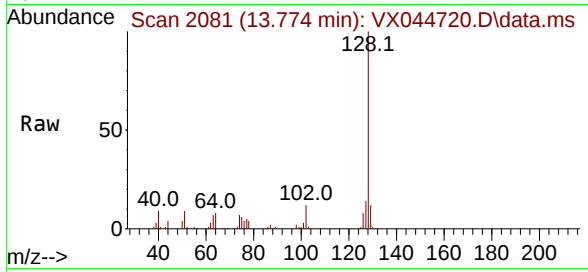
Tgt Ion: 75 Resp: 65190
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#





#95
 Naphthalene
 Concen: 2.182 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX044720.D
 Acq: 27 Jan 2025 13:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	128	Resp:	19601
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.2	8.7	13.1

