

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045491.D
 Acq On : 27 Mar 2025 20:36
 Operator : JC/MD
 Sample : Q1643-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 030825-A

Quant Time: Mar 28 01:38:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65094	59.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.880%	
35) Dibromofluoromethane	5.379	113	47864	52.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.220%	
50) Toluene-d8	8.647	98	170540	51.703	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	11.079	95	63257	57.875	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.740%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	5305	25.573	ug/l	98
13) Acrolein	2.239	56	558	2.327	ug/l	86
14) Allyl chloride	2.648	41	726	0.482	ug/l #	41
16) Acetone	2.386	43	58516	115.160	ug/l	96
17) Carbon Disulfide	2.502	76	2563	1.137	ug/l #	92
18) Methyl Acetate	2.709	43	3792	3.102	ug/l	98
20) Methylene Chloride	2.782	84	61844	61.442	ug/l	98
25) 2-Butanone	4.574	43	9254	12.099	ug/l	91
29) Tetrahydrofuran	5.038	42	319	0.621	ug/l #	39
31) Cyclohexane	5.464	56	1446	0.970	ug/l	91
36) 1,1-Dichloropropene	5.550	75	6683	5.356	ug/l #	49
37) Ethyl Acetate	4.574	43	9254	5.756	ug/l #	70
38) Carbon Tetrachloride	5.544	117	7773	6.136	ug/l #	16
39) Methylcyclohexane	7.379	83	1031	0.690	ug/l	99
40) Benzene	6.031	78	256861	65.192	ug/l	100
42) 1,2-Dichloroethane	6.031	62	2504	1.765	ug/l #	75
43) Isopropyl Acetate	6.342	43	9523	4.006	ug/l	96
48) Methyl methacrylate	7.592	41	2366	1.984	ug/l #	45
51) 4-Methyl-2-Pentanone	8.574	43	32422	20.310	ug/l #	78
52) Toluene	8.714	92	132906	57.493	ug/l	100
54) cis-1,3-Dichloropropene	8.549	75	14004	10.228	ug/l #	74
55) 1,1,2-Trichloroethane	9.019	97	987	1.037	ug/l #	15
57) 1,3-Dichloropropane	9.482	76	1336	0.811	ug/l #	43
59) 2-Hexanone	9.372	43	7694	6.652	ug/l #	26
67) Ethyl Benzene	10.195	91	21665	4.668	ug/l	98
68) m/p-Xylenes	10.299	106	35349	20.804	ug/l	93
69) o-Xylene	10.640	106	27007	15.759	ug/l	96
70) Styrene	10.653	104	8511	3.069	ug/l #	47
73) Isopropylbenzene	10.963	105	1814	0.405	ug/l	99
74) N-amyl acetate	10.854	43	946	0.450	ug/l #	5
76) 1,2,3-Trichloropropane	11.079	75	35699	26.742	ug/l #	36
78) n-propylbenzene	11.305	91	2412	0.477	ug/l	99
79) 2-Chlorotoluene	11.378	91	1651	0.513	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	9831	2.716	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	35699	91.516	ug/l #	6
82) 4-Chlorotoluene	11.451	91	1507	0.429	ug/l #	46

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Instrument :
MSVOA_X
ClientSampleId :
030825-A

Quant Time: Mar 28 01:38:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

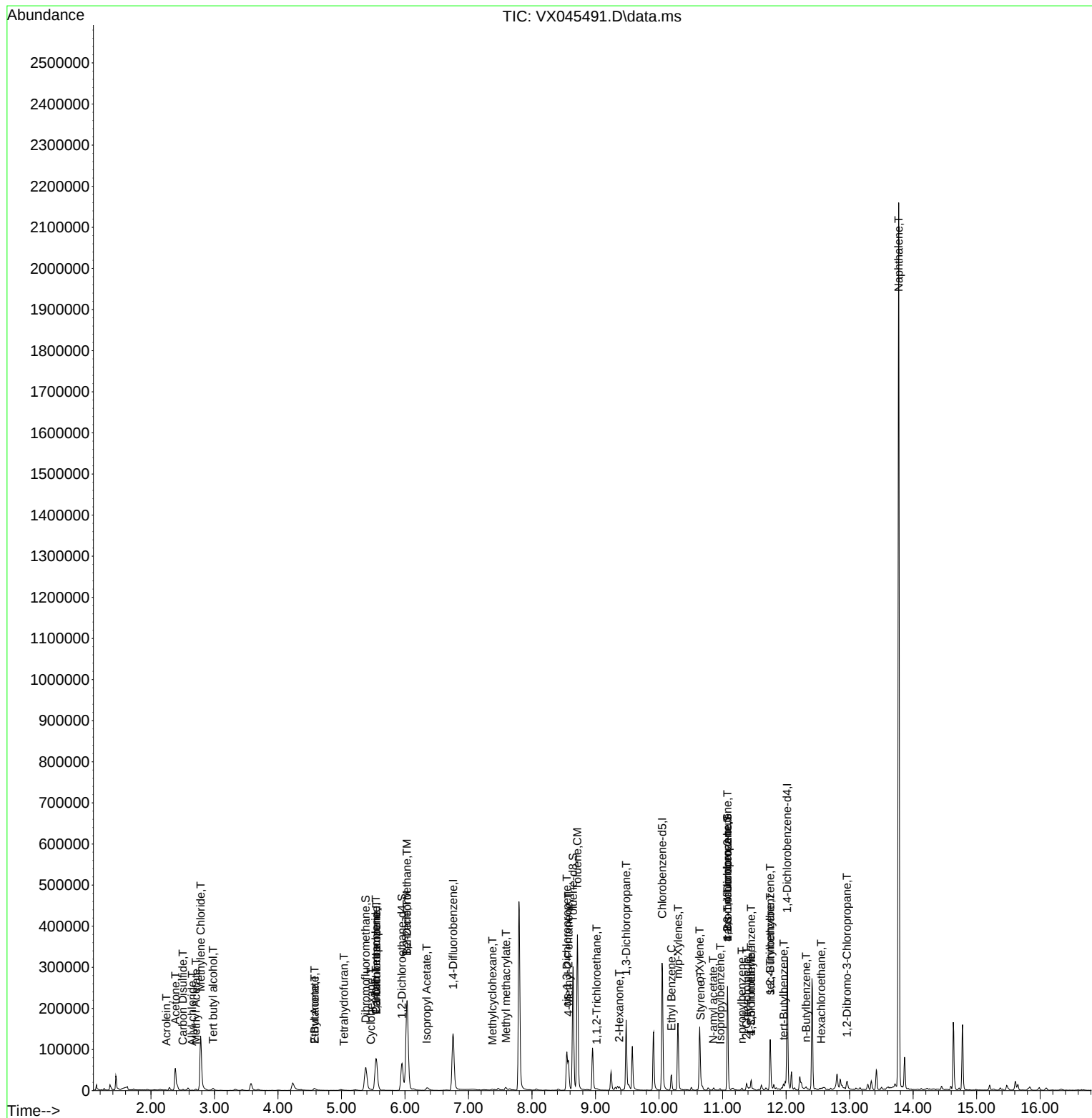
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.963	119	1093	0.294	ug/l	74
84) 1,2,4-Trimethylbenzene	11.750	105	40711	11.178	ug/l	67
85) sec-Butylbenzene	11.750	105	40711	9.138	ug/l #	57
89) n-Butylbenzene	12.317	91	970	0.313	ug/l #	24
90) Hexachloroethane	12.555	117	506	0.777	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	12.957	75	248	0.775	ug/l #	4
95) Naphthalene	13.774	128	1202337	290.754	ug/l	100

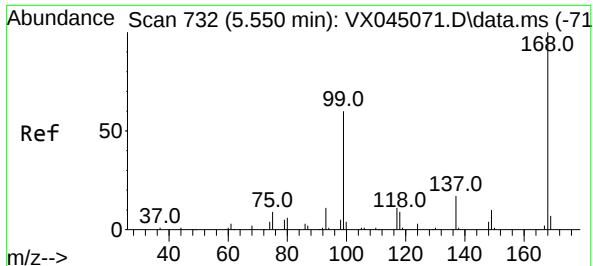
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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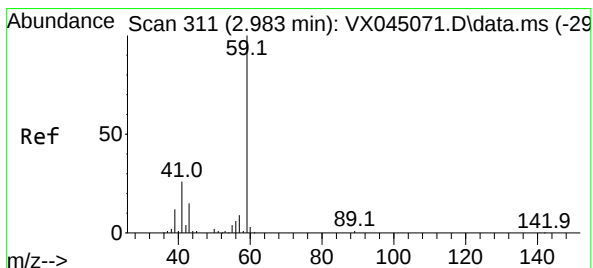
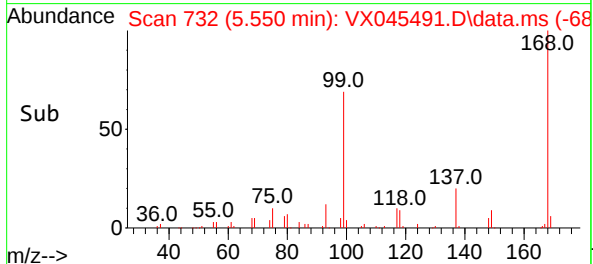
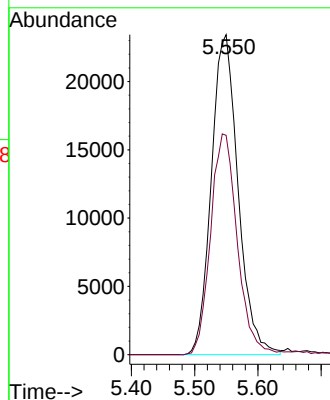
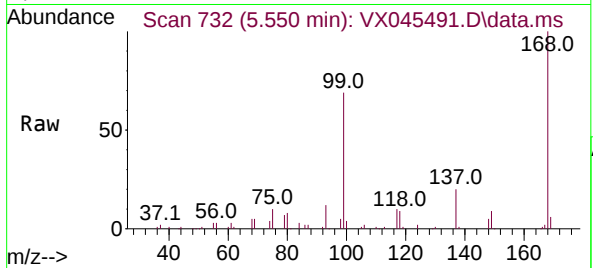




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

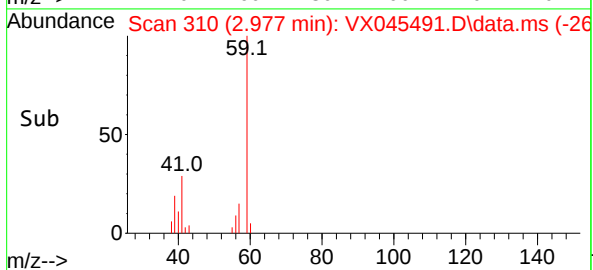
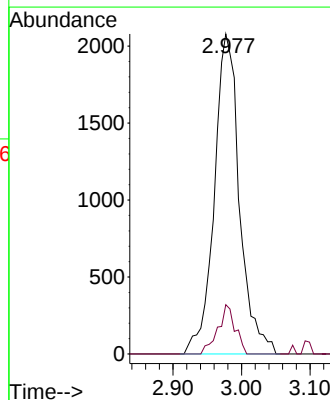
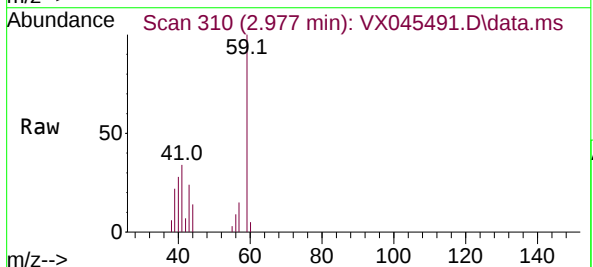
Instrument :
MSVOA_X
ClientSampleId :
030825-A

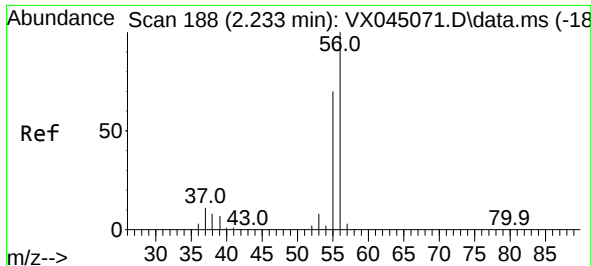
Tgt Ion:168 Resp: 68851
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4



#11
Tert butyl alcohol
Concen: 25.573 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 59 Resp: 5305
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8





#13

Acrolein

Concen: 2.327 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

Instrument :

MSVOA_X

ClientSampleId :

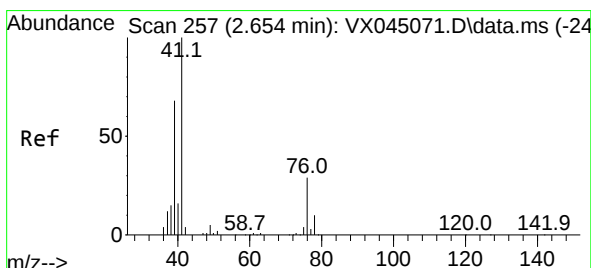
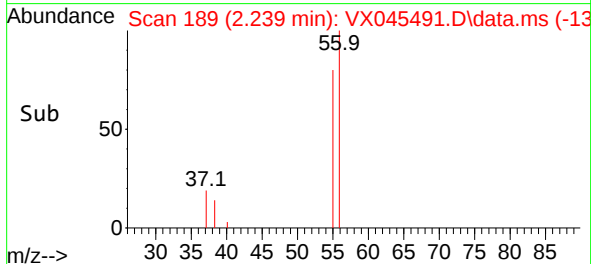
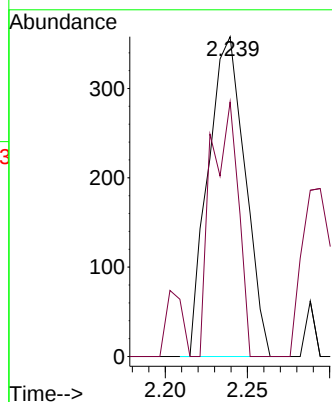
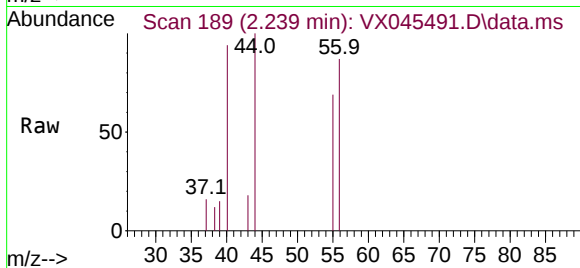
030825-A

Tgt Ion: 56 Resp: 558

Ion Ratio Lower Upper

56 100

55 58.6 56.2 84.4



#14

Allyl chloride

Concen: 0.482 ug/l

RT: 2.648 min Scan# 256

Delta R.T. -0.006 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

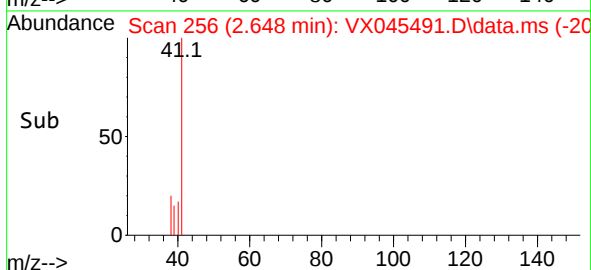
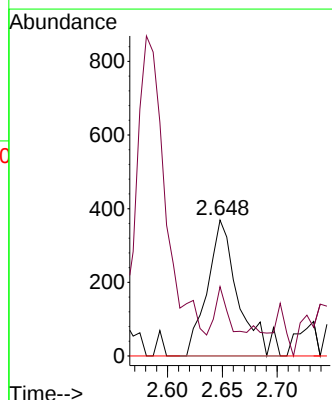
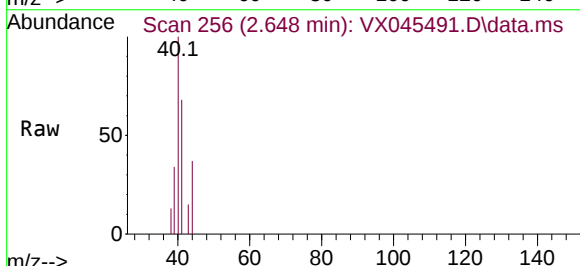
Tgt Ion: 41 Resp: 726

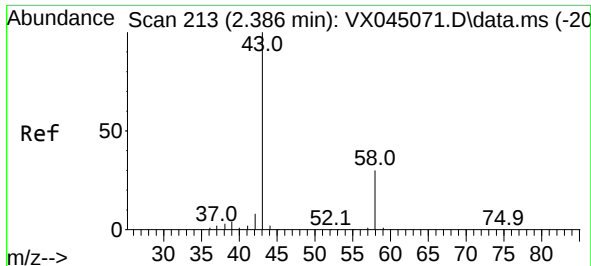
Ion Ratio Lower Upper

41 100

39 19.4 53.8 80.8#

76 0.0 25.2 37.8#

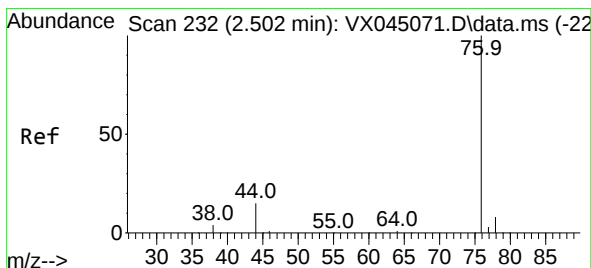
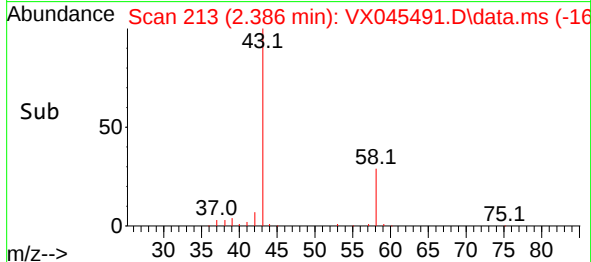
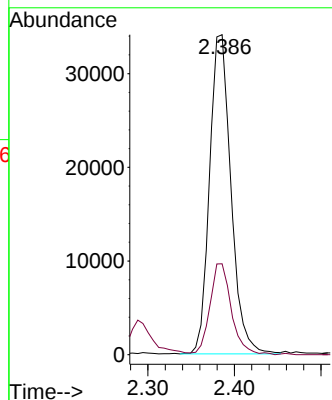
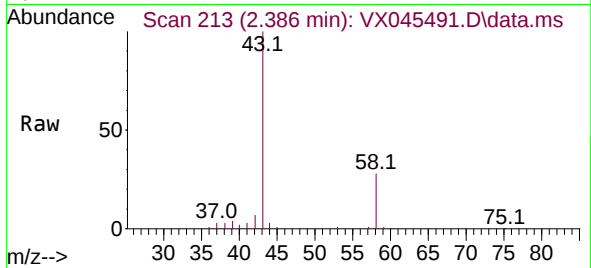




#16
Acetone
Concen: 115.160 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

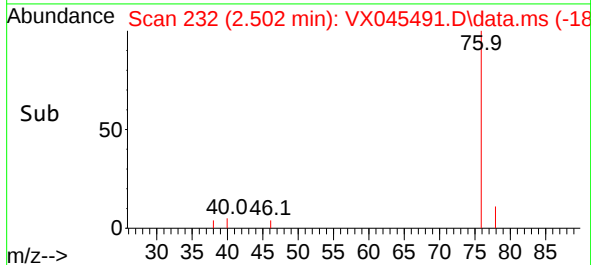
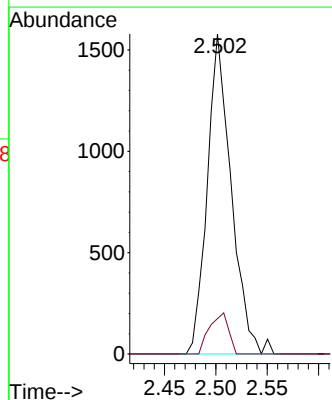
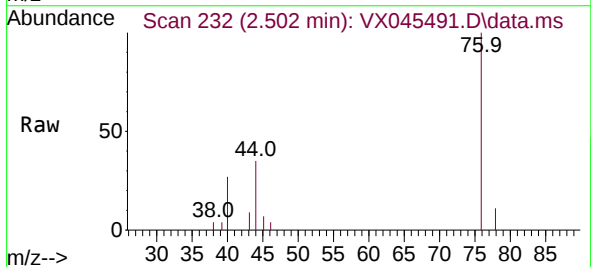
Instrument :
MSVOA_X
ClientSampleId :
030825-A

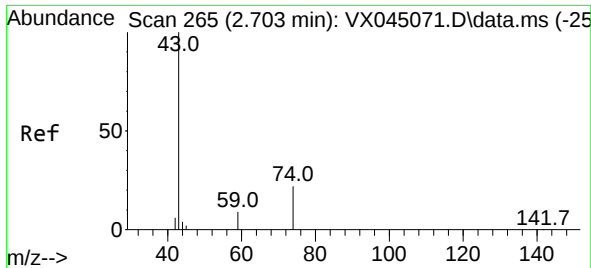
Tgt Ion: 43 Resp: 58516
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.4



#17
Carbon Disulfide
Concen: 1.137 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 76 Resp: 2563
Ion Ratio Lower Upper
76 100
78 11.1 6.6 9.8#

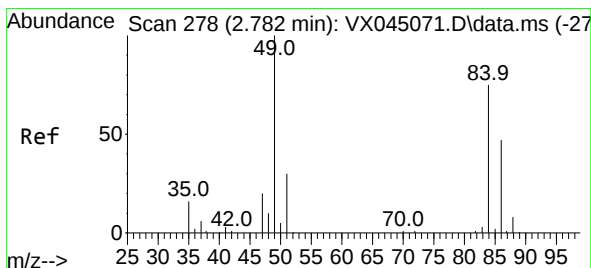
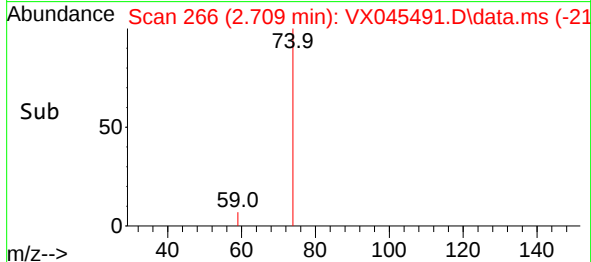
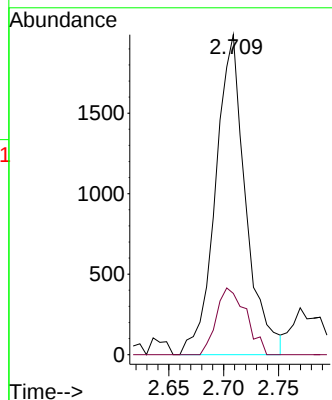
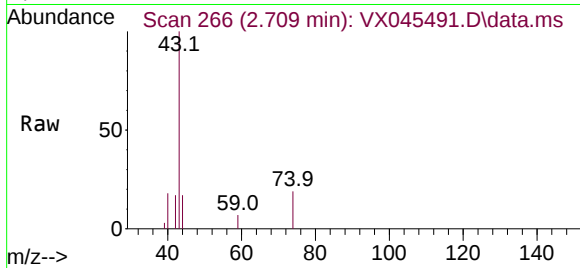




#18
Methyl Acetate
Concen: 3.102 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

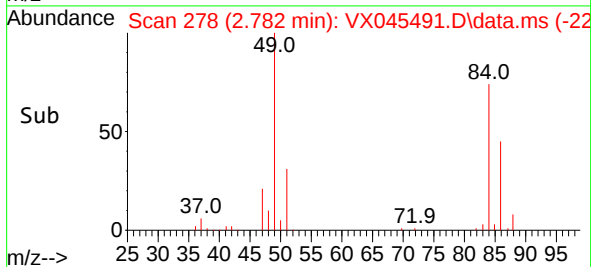
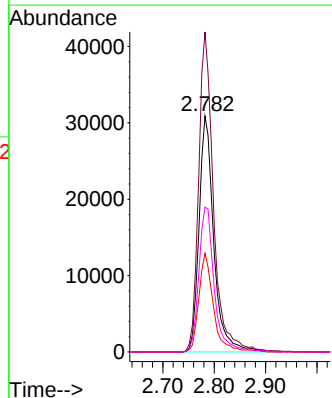
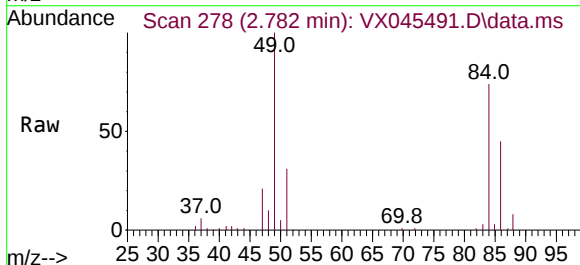
Instrument :
MSVOA_X
ClientSampleId :
030825-A

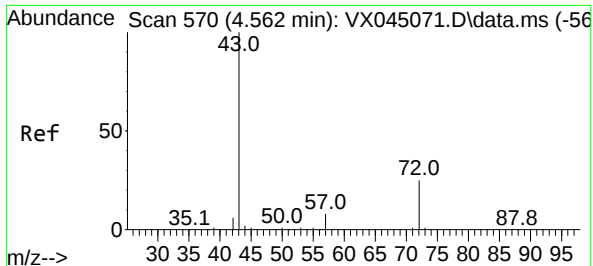
Tgt Ion: 43 Resp: 3792
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.2



#20
Methylene Chloride
Concen: 61.442 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 84 Resp: 61844
Ion Ratio Lower Upper
84 100
49 135.7 106.5 159.7
51 41.8 32.1 48.1
86 61.4 50.0 75.0





#25

2-Butanone

Concen: 12.099 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

Instrument :

MSVOA_X

ClientSampleId :

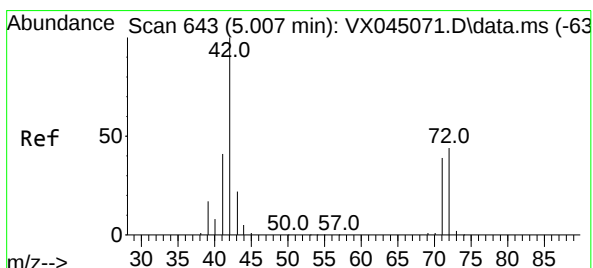
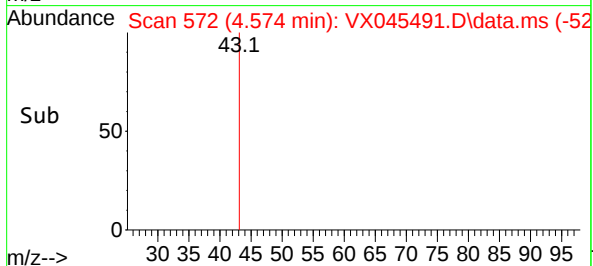
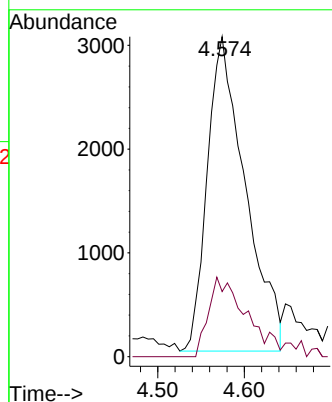
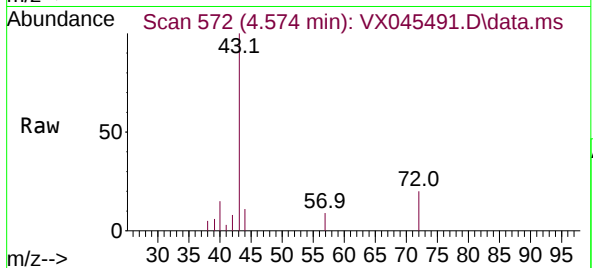
030825-A

Tgt Ion: 43 Resp: 9254

Ion Ratio Lower Upper

43 100

72 20.7 20.0 30.0



#29

Tetrahydrofuran

Concen: 0.621 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.030 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

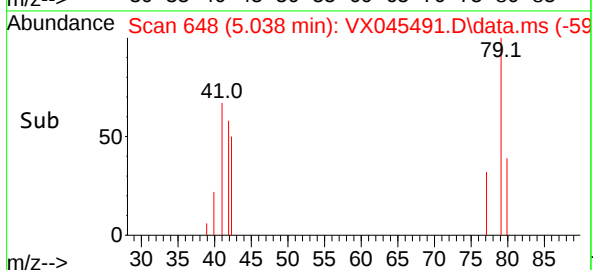
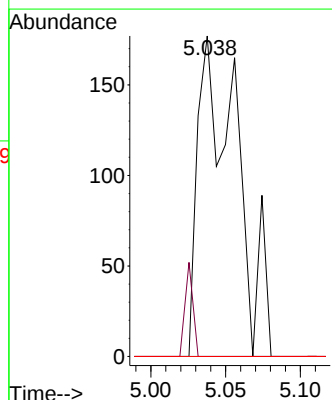
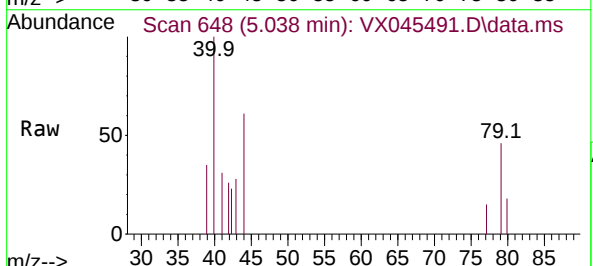
Tgt Ion: 42 Resp: 319

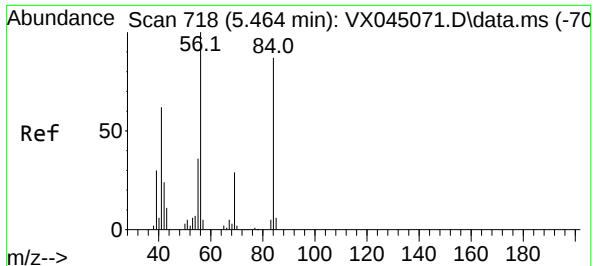
Ion Ratio Lower Upper

42 100

72 6.0 34.1 51.1#

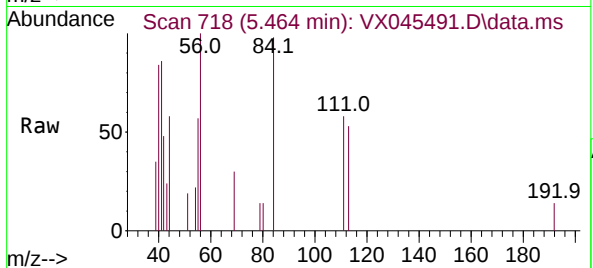
71 0.0 31.4 47.0#



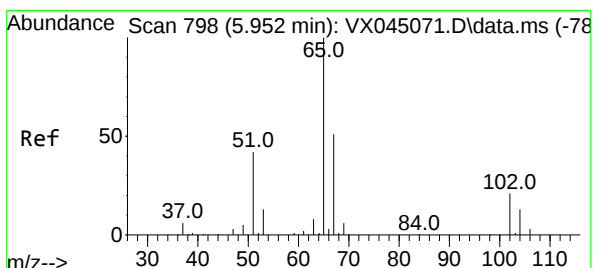
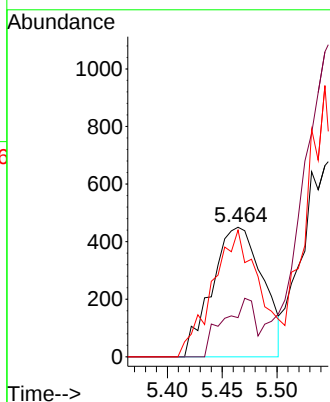
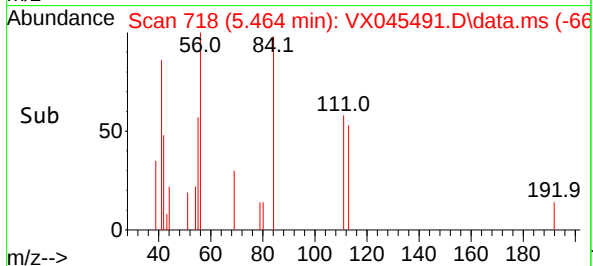


#31
Cyclohexane
Concen: 0.970 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Instrument :
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030825-A

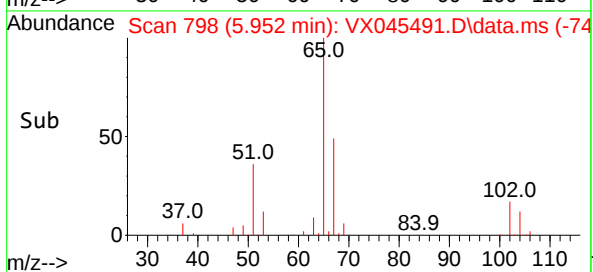
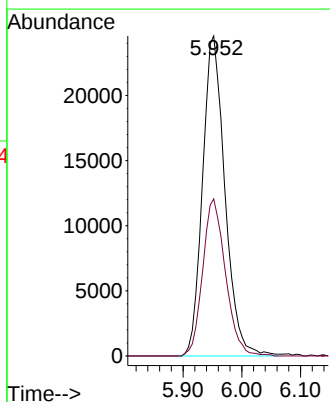
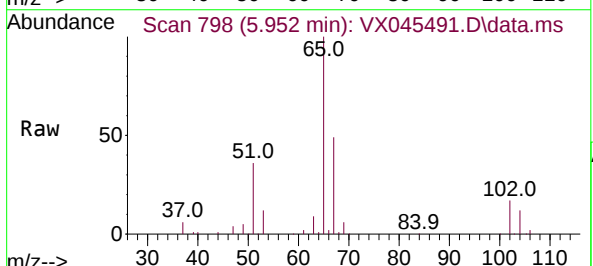


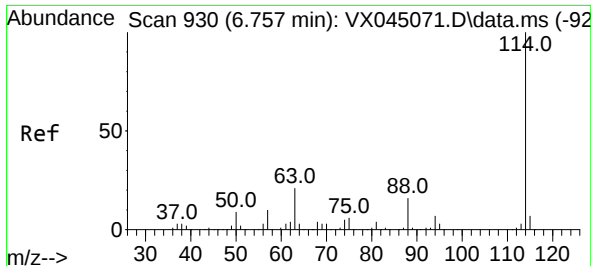
Tgt Ion:	56	Resp:	1446
Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.4	35.2
84	97.8	69.4	104.2



#33
1,2-Dichloroethane-d4
Concen: 59.437 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion:	65	Resp:	65094
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	106.2

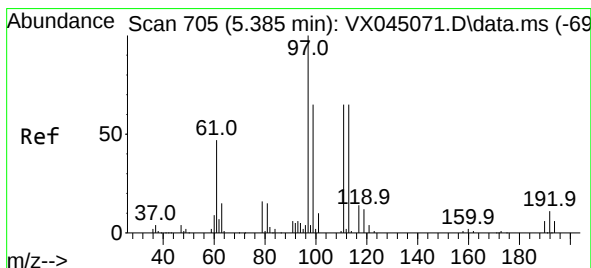
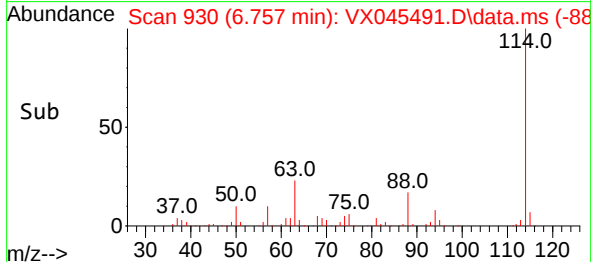
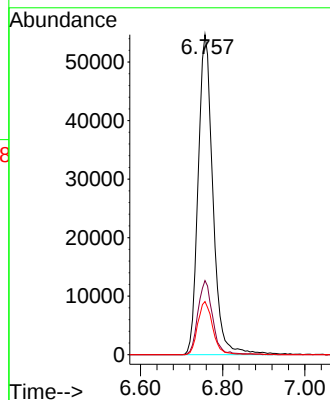
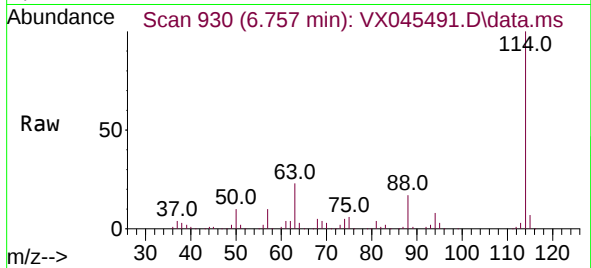




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

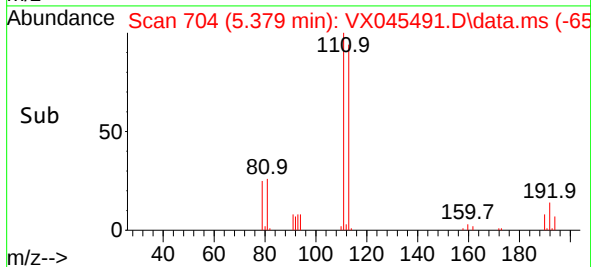
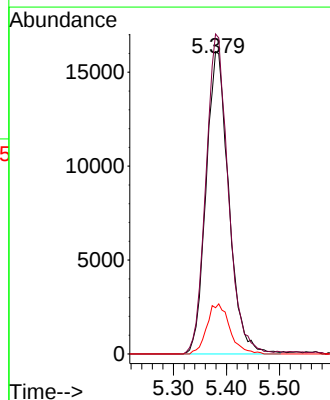
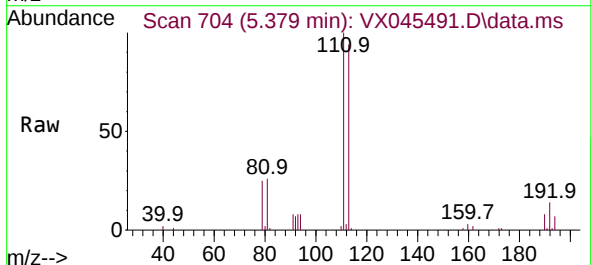
Instrument :
MSVOA_X
ClientSampleId :
030825-A

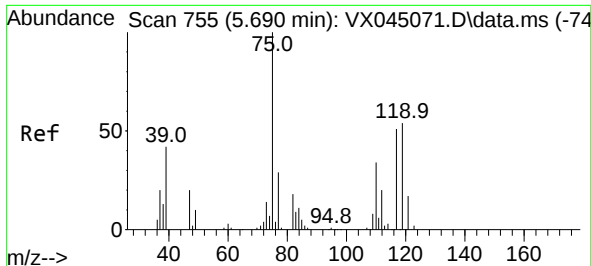
Tgt Ion:114 Resp: 136064
Ion Ratio Lower Upper
114 100
63 23.1 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.608 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion:113 Resp: 47864
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.6
192 16.7 14.3 21.5

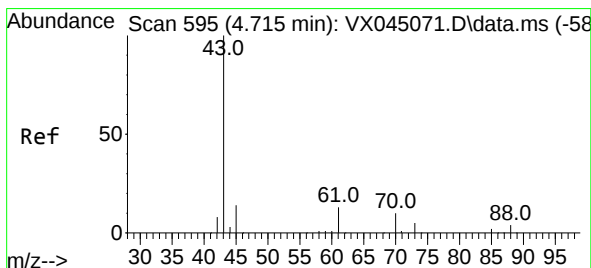
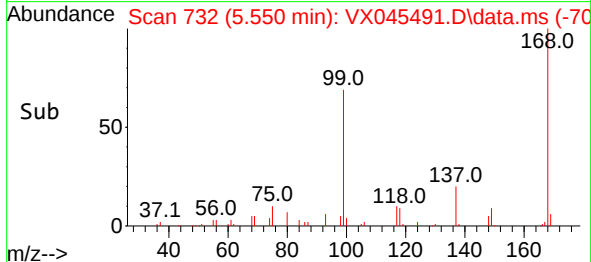
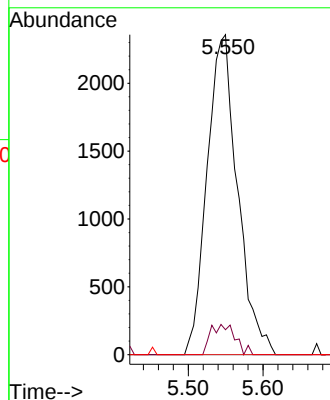
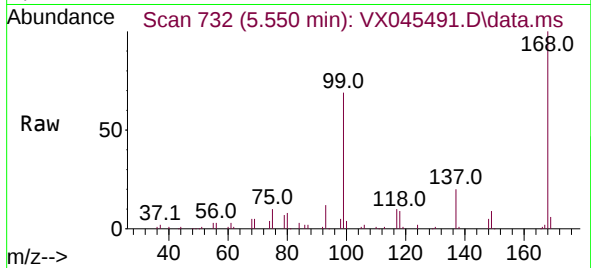




#36
1,1-Dichloropropene
Concen: 5.356 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

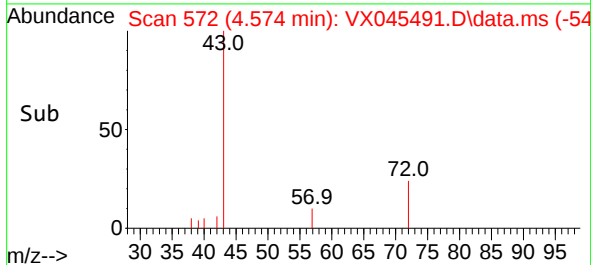
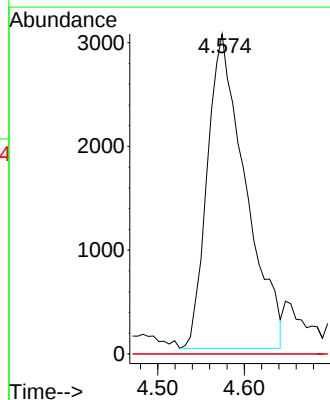
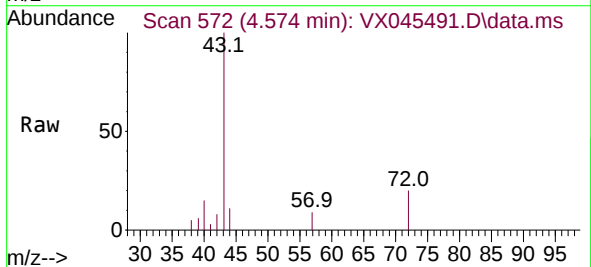
Instrument :
MSVOA_X
ClientSampleId :
030825-A

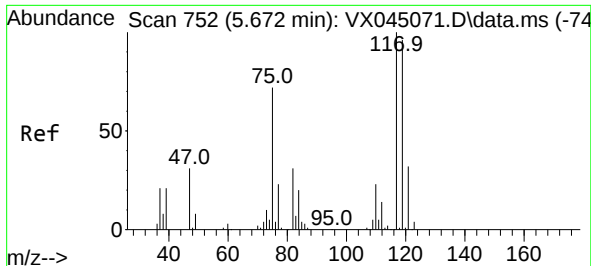
Tgt Ion: 75 Resp: 6683
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.6#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 5.756 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

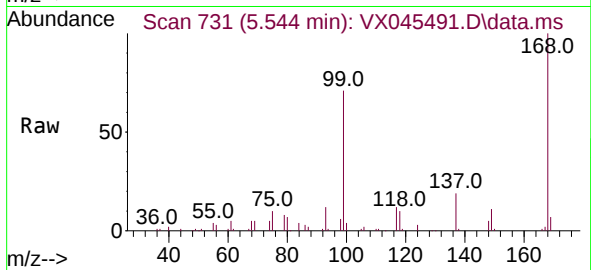
Tgt Ion: 43 Resp: 9254
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 0.0 7.7 11.5#



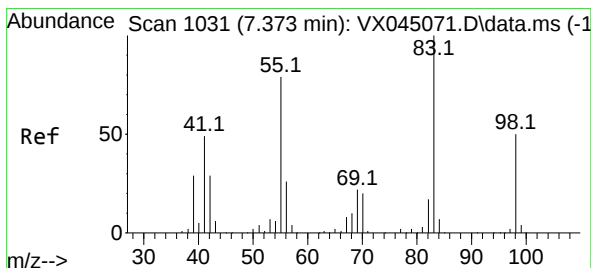
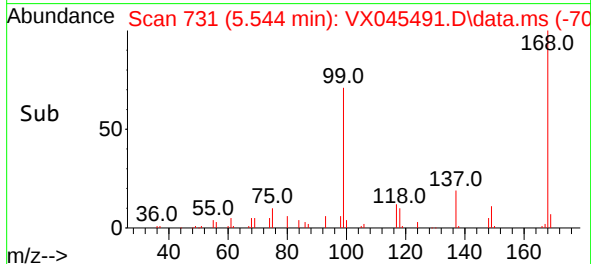
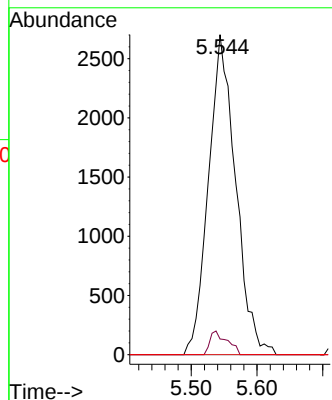


#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Instrument :
MSVOA_X
ClientSampleId :
030825-A

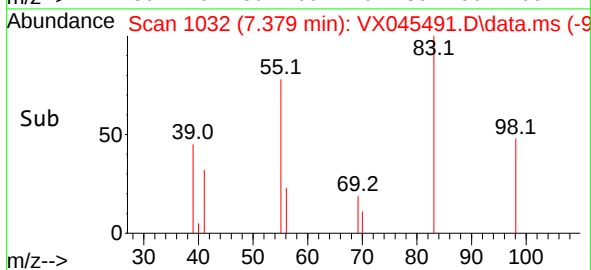
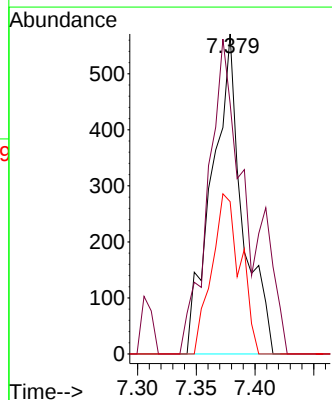
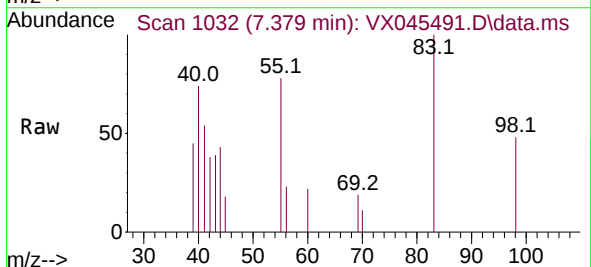


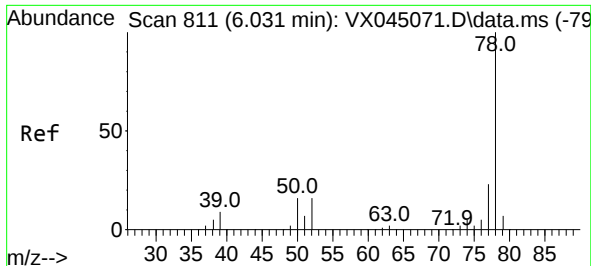
Tgt Ion:117 Resp: 7773
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.5 38.3#



#39
Methylcyclohexane
Concen: 0.690 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 83 Resp: 1031
Ion Ratio Lower Upper
83 100
55 78.3 63.0 94.4
98 47.6 39.7 59.5

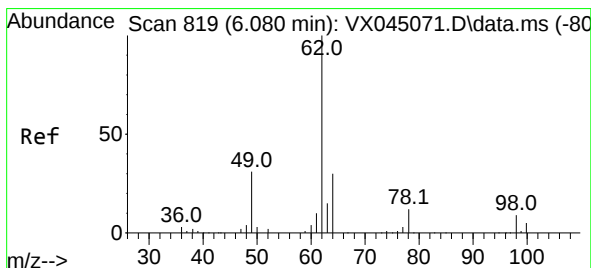
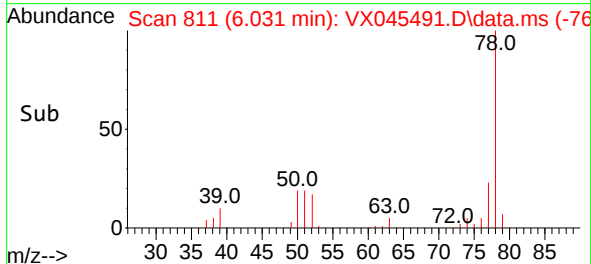
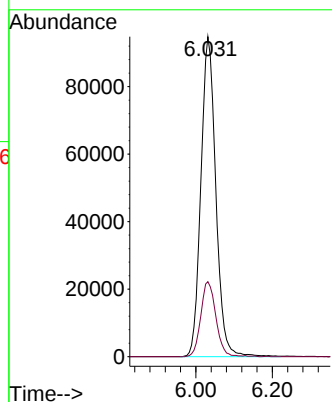
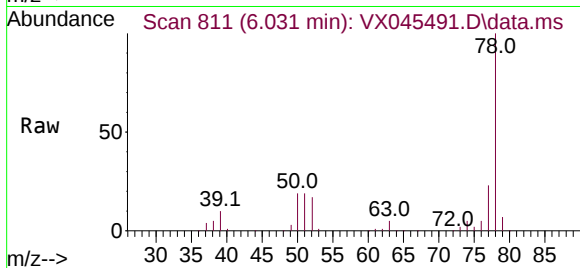




#40
Benzene
Concen: 65.192 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

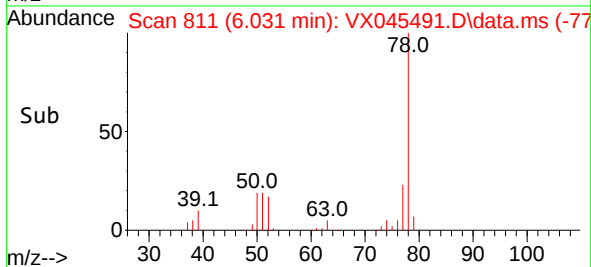
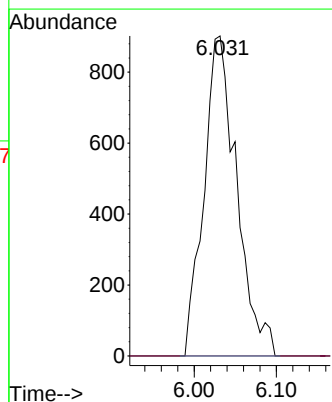
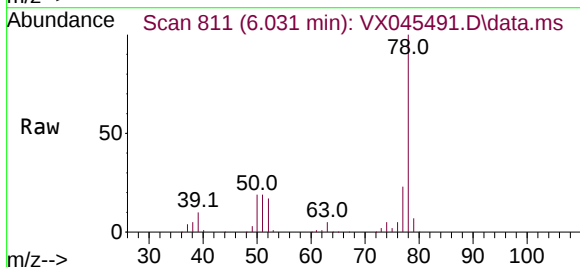
Instrument :
MSVOA_X
ClientSampleId :
030825-A

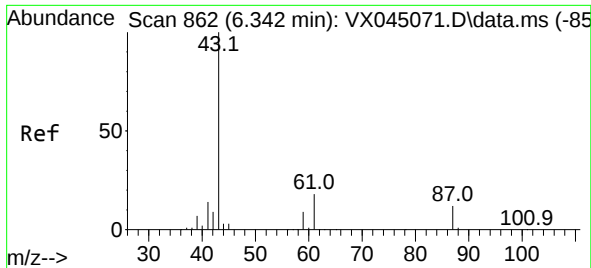
Tgt Ion: 78 Resp: 256861
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



#42
1,2-Dichloroethane
Concen: 1.765 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.049 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 62 Resp: 2504
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

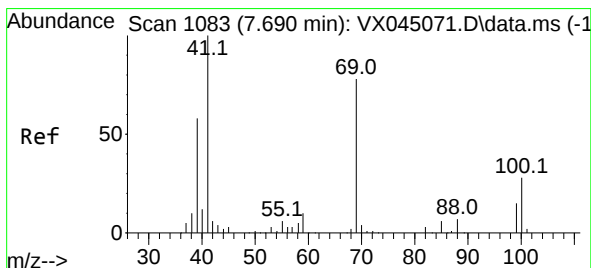
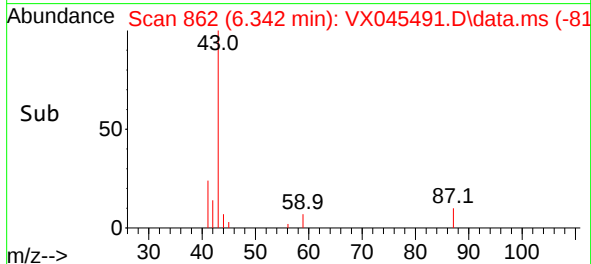
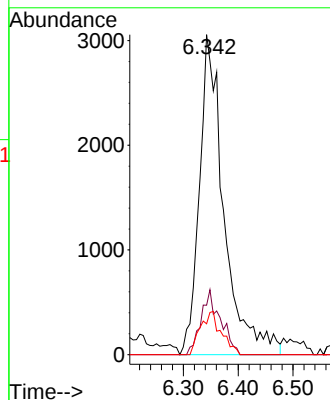
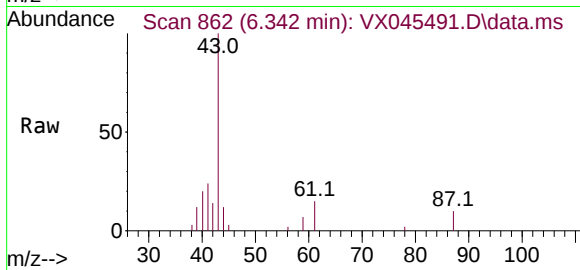




#43
Isopropyl Acetate
Concen: 4.006 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

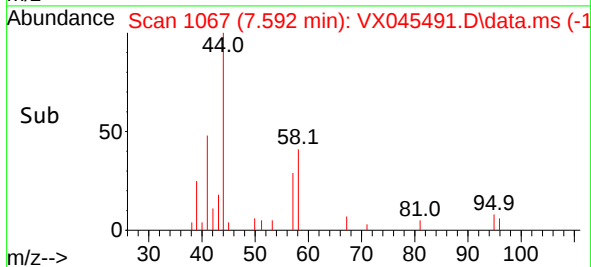
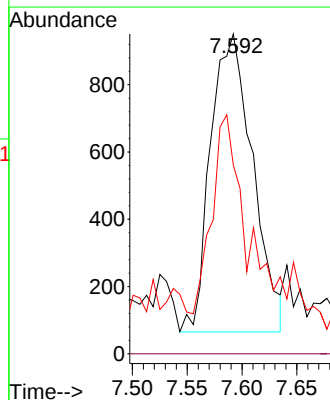
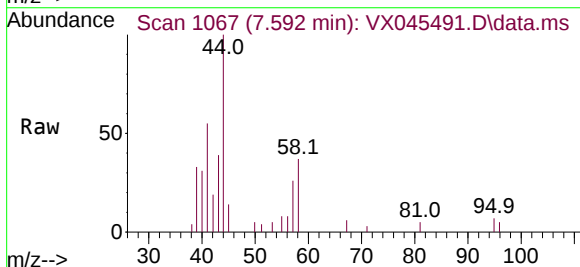
Instrument :
MSVOA_X
ClientSampleId :
030825-A

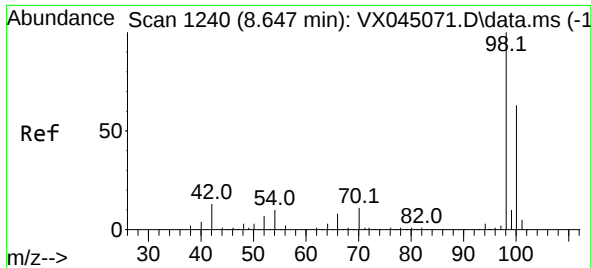
Tgt Ion:	43	Resp:	9523
Ion	Ratio	Lower	Upper
43	100		
61	16.1	14.9	22.3
87	11.5	9.4	14.2



#48
Methyl methacrylate
Concen: 1.984 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.098 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion:	41	Resp:	2366
Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	53.6	47.5	71.3

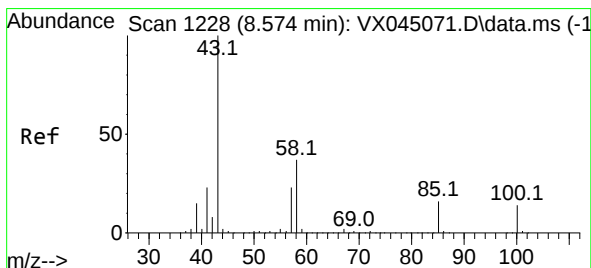
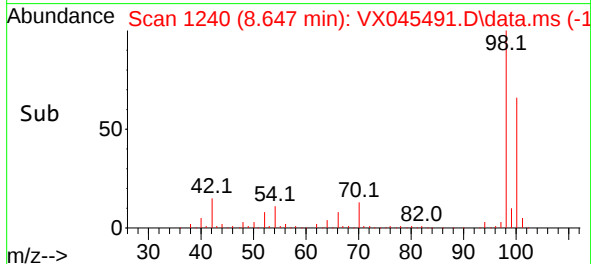
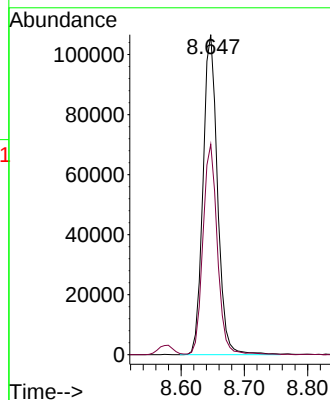
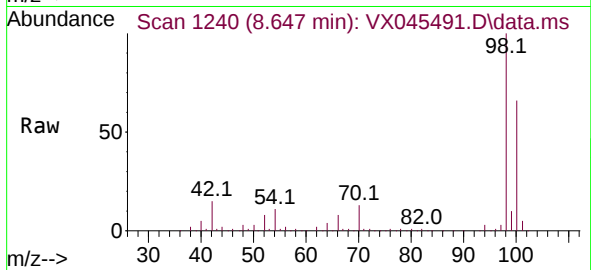




#50
Toluene-d8
Concen: 51.703 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

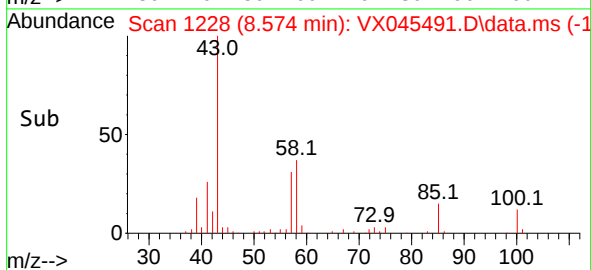
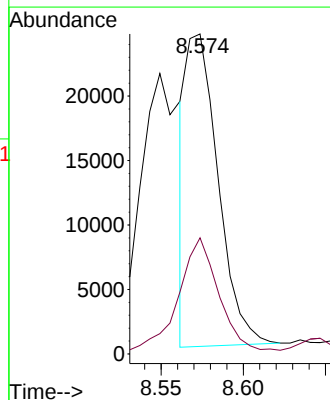
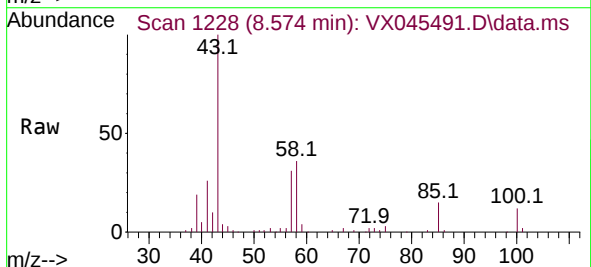
Instrument :
MSVOA_X
ClientSampleId :
030825-A

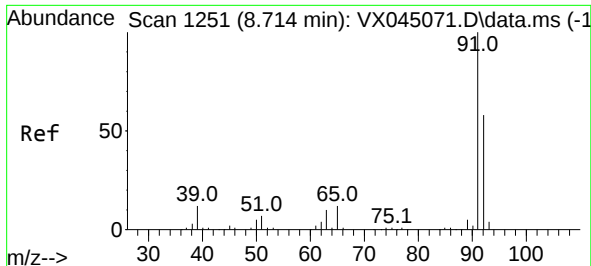
Tgt Ion: 98 Resp: 170540
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 20.310 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 43 Resp: 32422
Ion Ratio Lower Upper
43 100
58 49.7 29.2 43.8#

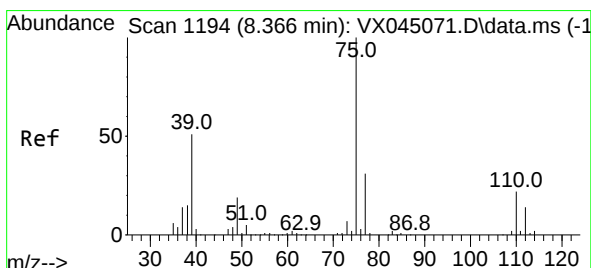
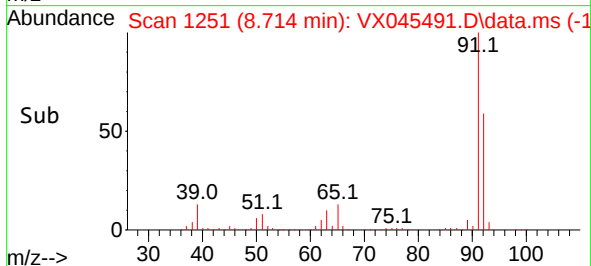
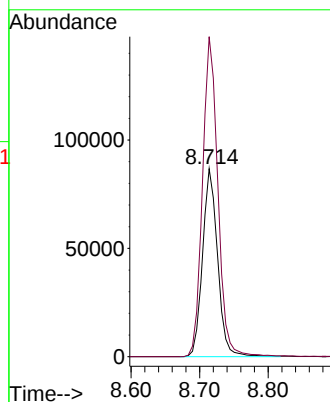
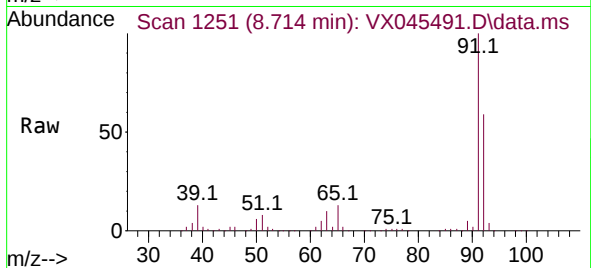




#52
Toluene
Concen: 57.493 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

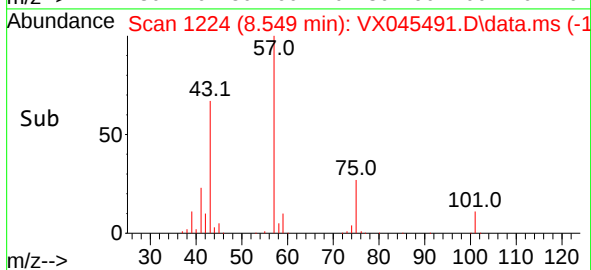
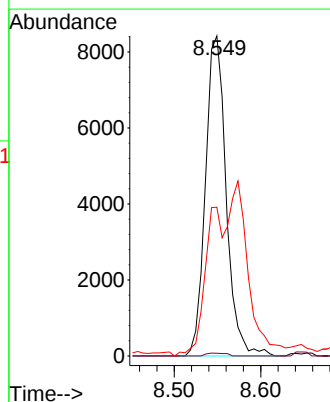
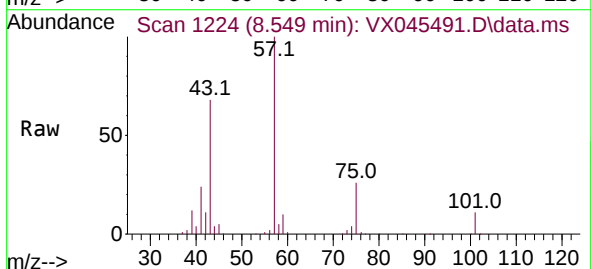
Instrument :
MSVOA_X
ClientSampleId :
030825-A

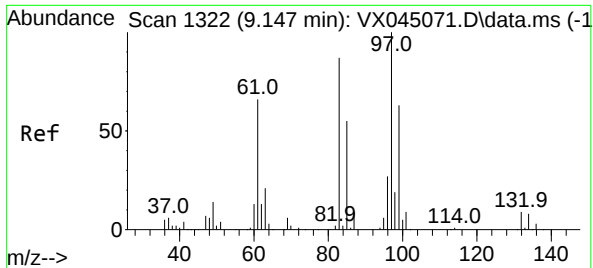
Tgt Ion: 92 Resp: 132906
Ion Ratio Lower Upper
92 100
91 173.9 138.9 208.3



#54
cis-1,3-Dichloropropene
Concen: 10.228 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 75 Resp: 14004
Ion Ratio Lower Upper
75 100
77 0.8 24.7 37.1#
39 45.3 40.7 61.1

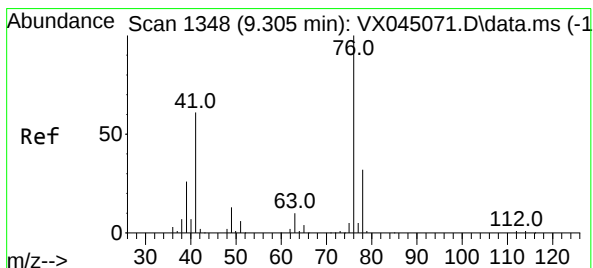
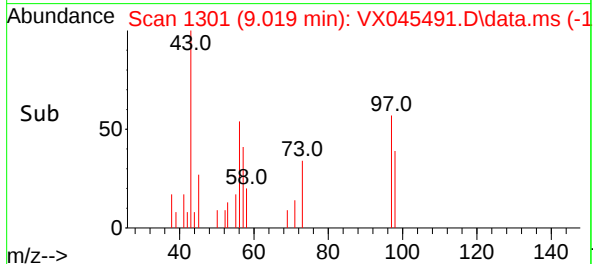
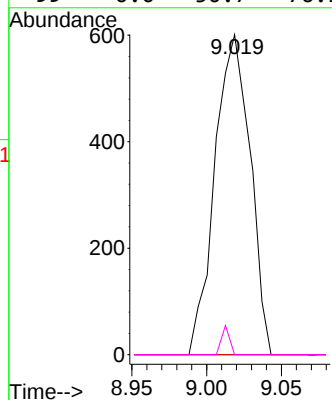
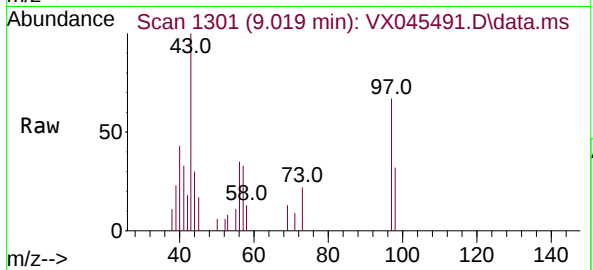




#55
 1,1,2-Trichloroethane
 Concen: 1.037 ug/l
 RT: 9.019 min Scan# 11
 Delta R.T. -0.128 min
 Lab File: VX045491.D
 Acq: 27 Mar 2025 20:36

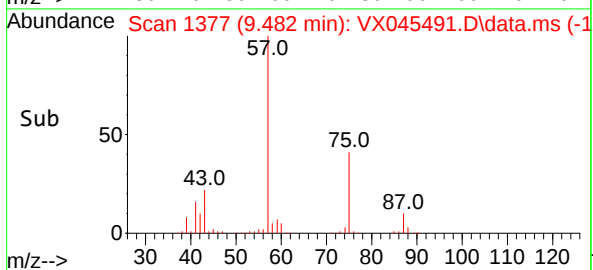
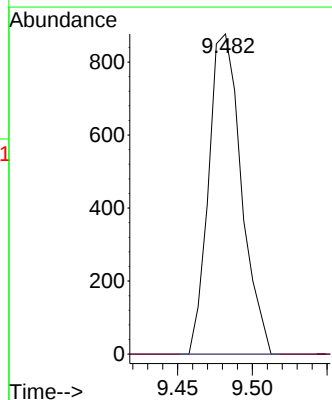
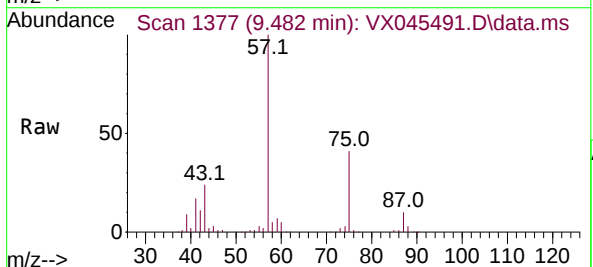
Instrument :
 MSVOA_X
 ClientSampleId :
 030825-A

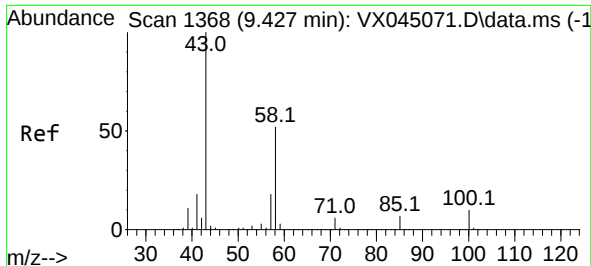
Tgt Ion: 97	Resp:	987
Ion	Ratio	Lower Upper
97	100	
83	0.0	69.4 104.2#
85	0.0	44.1 66.1#
99	0.0	50.7 76.1#



#57
 1,3-Dichloropropane
 Concen: 0.811 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045491.D
 Acq: 27 Mar 2025 20:36

Tgt Ion: 76	Resp:	1336
Ion	Ratio	Lower Upper
76	100	
78	0.0	25.5 38.3#

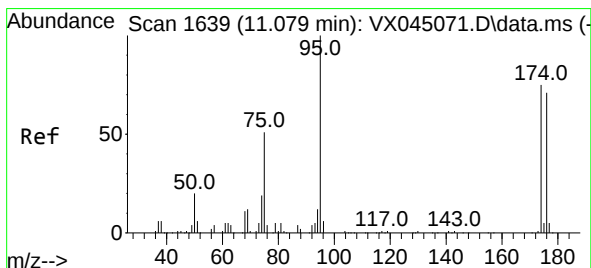
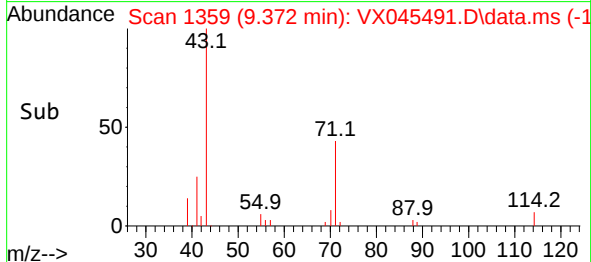
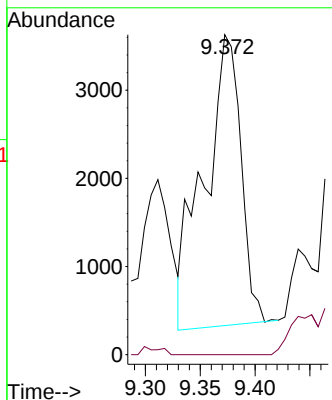
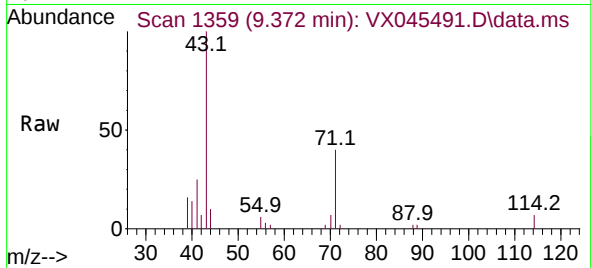




#59
2-Hexanone
Concen: 6.652 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

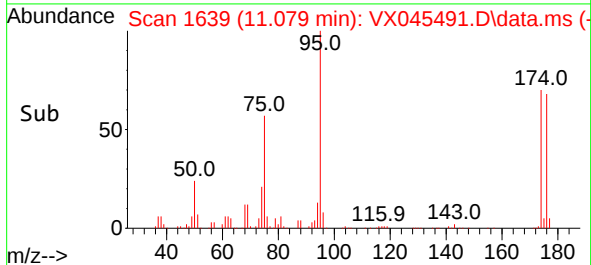
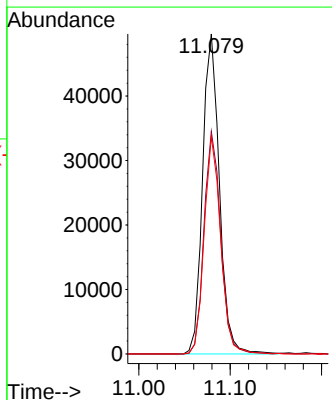
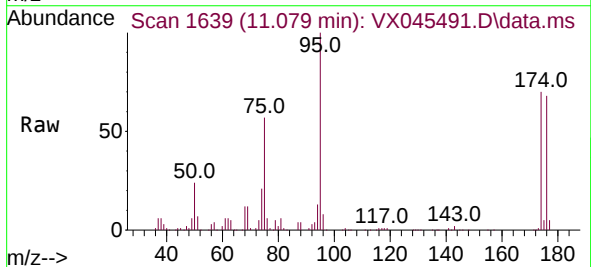
Instrument :
MSVOA_X
ClientSampleId :
030825-A

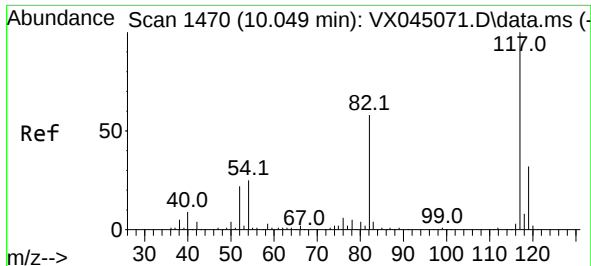
Tgt Ion: 43 Resp: 7694
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 57.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 95 Resp: 63257
Ion Ratio Lower Upper
95 100
174 69.3 0.0 148.2
176 66.6 0.0 141.4

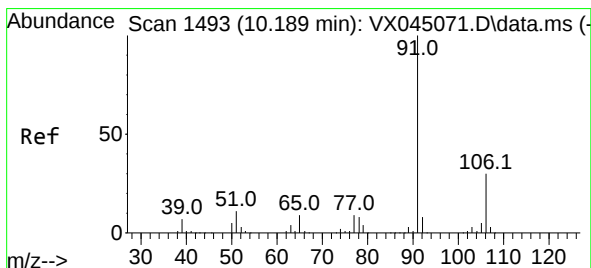
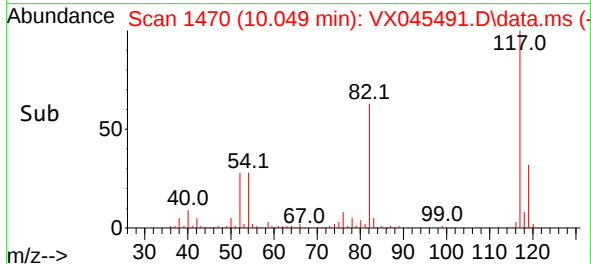
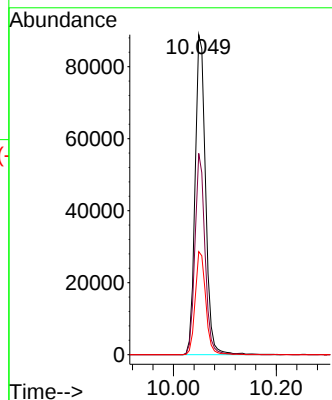
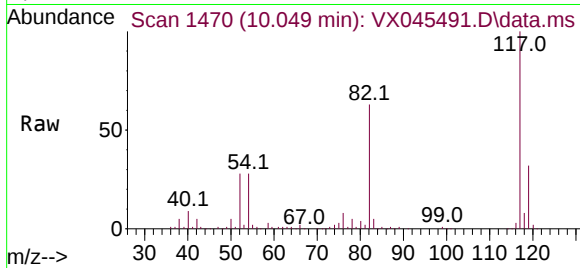




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

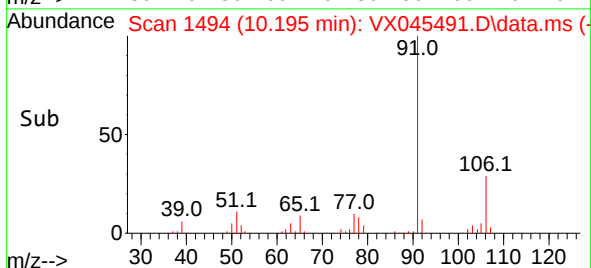
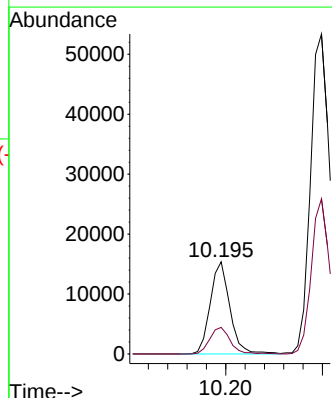
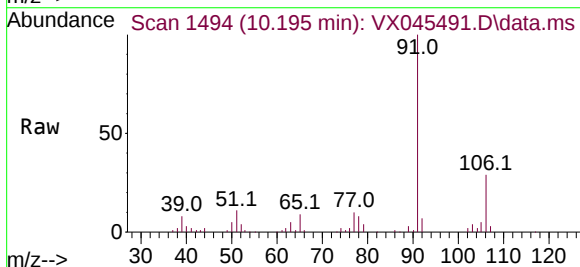
Instrument :
MSVOA_X
ClientSampleId :
030825-A

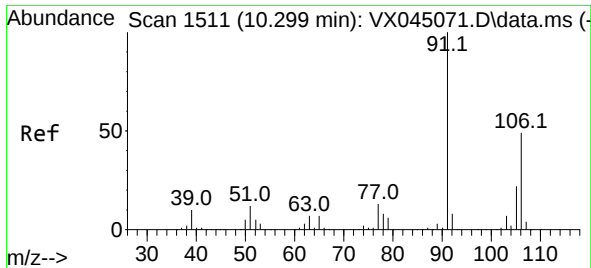
Tgt Ion:117 Resp: 125893
Ion Ratio Lower Upper
117 100
82 62.9 46.3 69.5
119 32.2 25.7 38.5



#67
Ethyl Benzene
Concen: 4.668 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 91 Resp: 21665
Ion Ratio Lower Upper
91 100
106 28.9 23.9 35.9

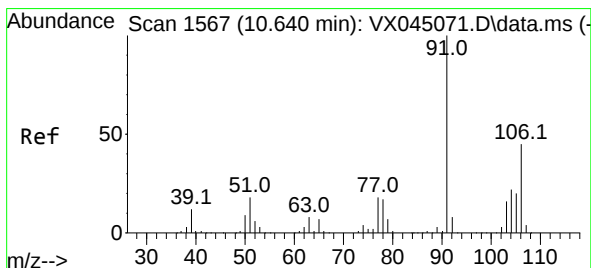
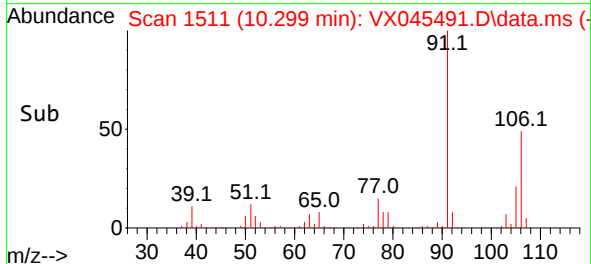
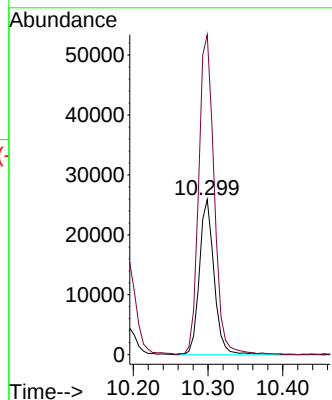
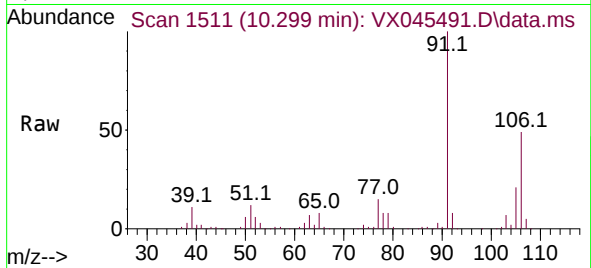




#68
m/p-Xylenes
Concen: 20.804 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

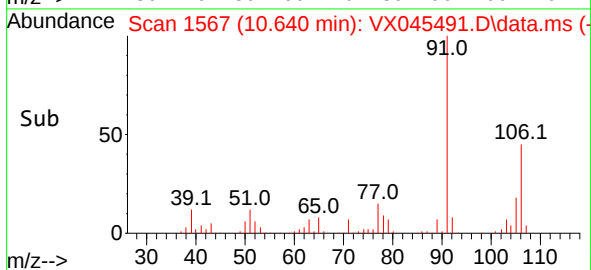
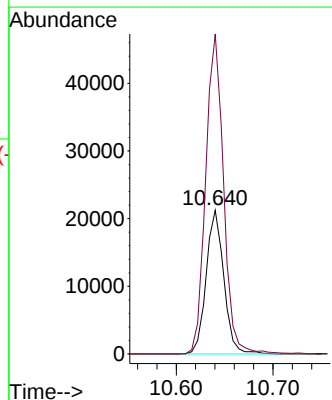
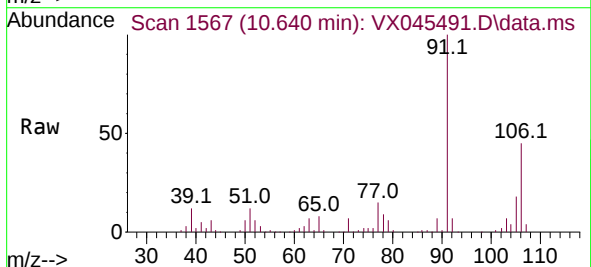
Instrument :
MSVOA_X
ClientSampleId :
030825-A

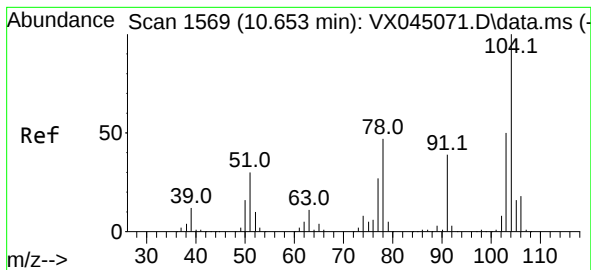
Tgt Ion:106 Resp: 35349
Ion Ratio Lower Upper
106 100
91 217.9 165.4 248.0



#69
o-Xylene
Concen: 15.759 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion:106 Resp: 27007
Ion Ratio Lower Upper
106 100
91 226.0 109.9 329.6





#70

Styrene

Concen: 3.069 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

Instrument :

MSVOA_X

ClientSampleId :

030825-A

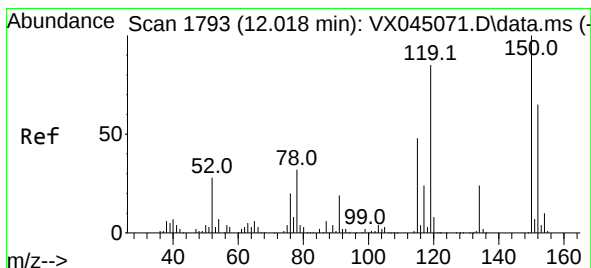
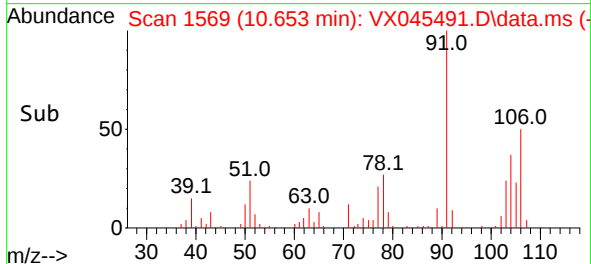
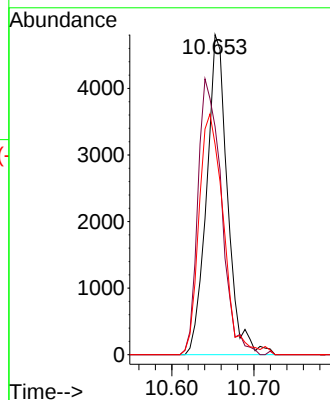
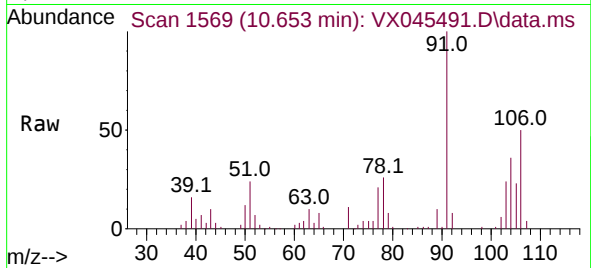
Tgt Ion:104 Resp: 8511

Ion Ratio Lower Upper

104 100

78 95.9 42.2 63.4#

103 87.9 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

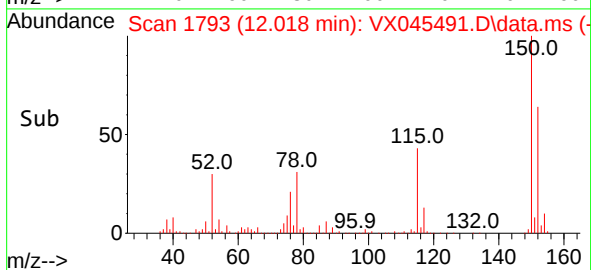
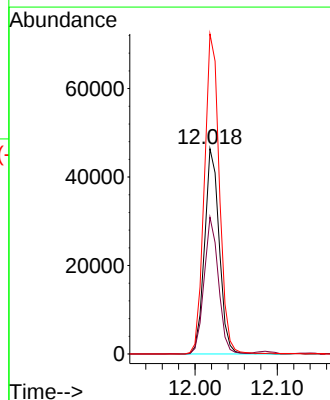
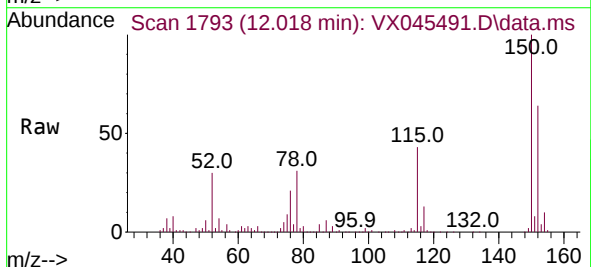
Tgt Ion:152 Resp: 57355

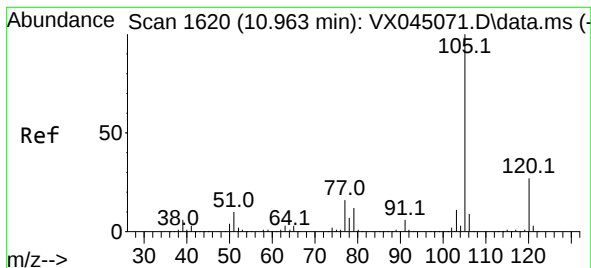
Ion Ratio Lower Upper

152 100

115 65.3 44.2 132.6

150 159.5 0.0 349.0





#73

Isopropylbenzene

Concen: 0.405 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

Instrument :

MSVOA_X

ClientSampleId :

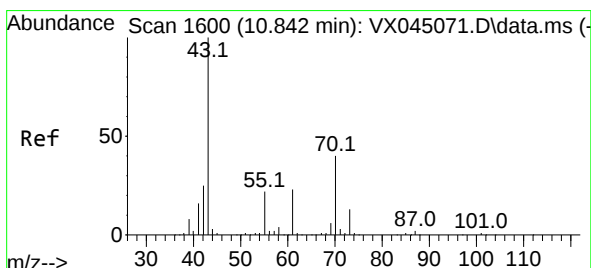
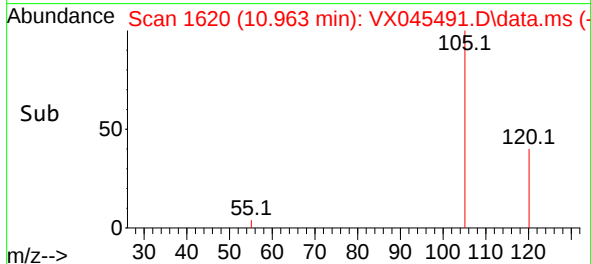
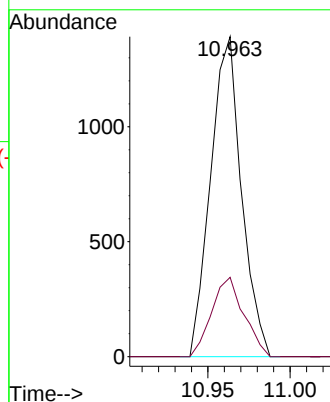
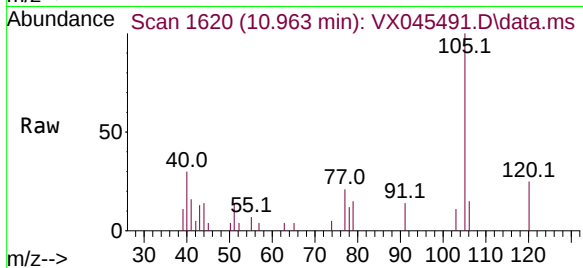
030825-A

Tgt Ion:105 Resp: 1814

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 0.450 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

Tgt Ion: 43 Resp: 946

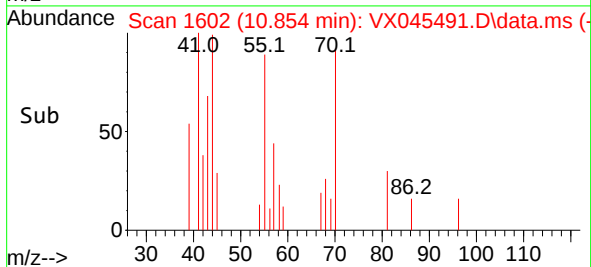
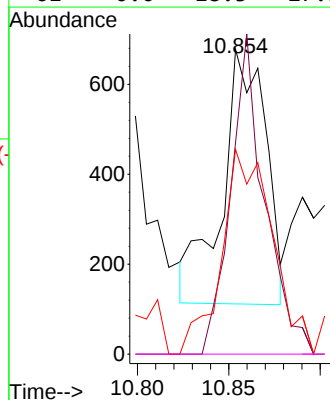
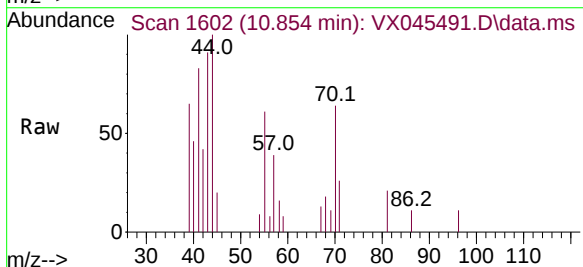
Ion Ratio Lower Upper

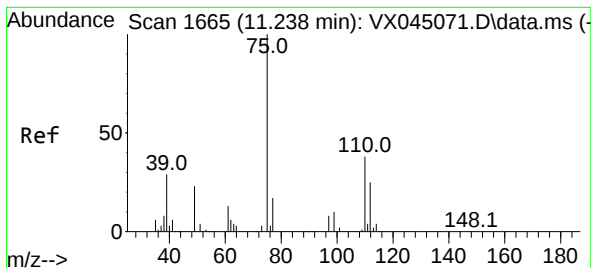
43 100

70 97.0 31.8 47.6#

55 93.0 18.3 27.5#

61 0.0 18.3 27.5#





#76

1,2,3-Trichloropropane

Concen: 26.742 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

Instrument :

MSVOA_X

ClientSampleId :

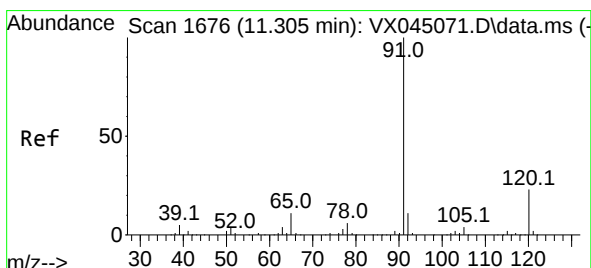
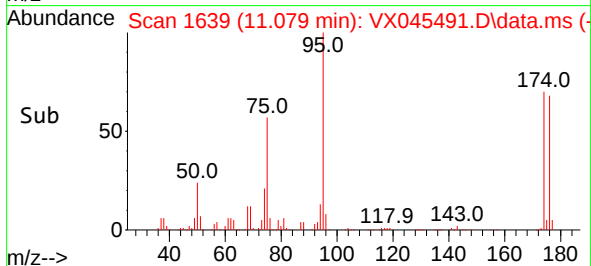
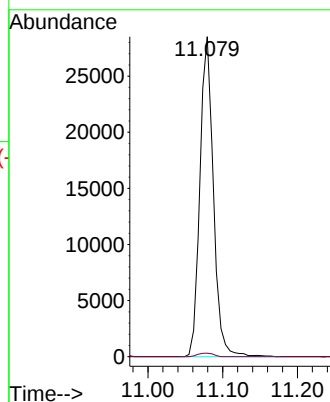
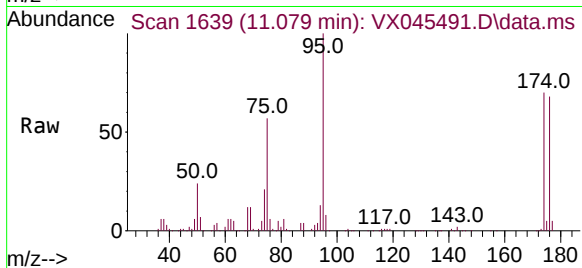
030825-A

Tgt Ion: 75 Resp: 35699

Ion Ratio Lower Upper

75 100

77 1.3 20.7 62.1#



#78

n-propylbenzene

Concen: 0.477 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX045491.D

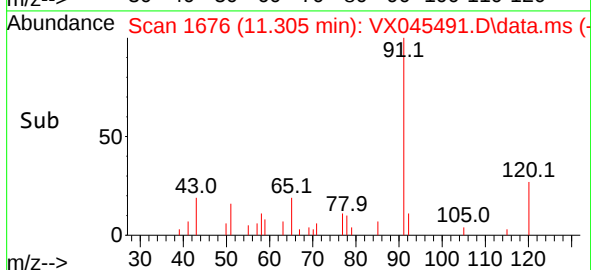
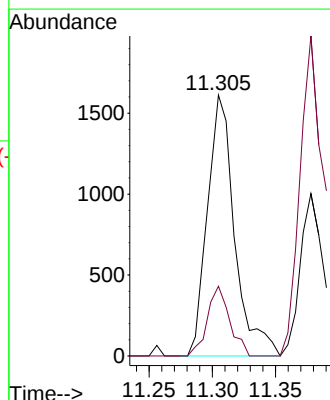
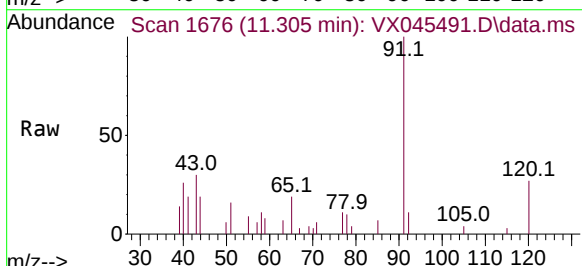
Acq: 27 Mar 2025 20:36

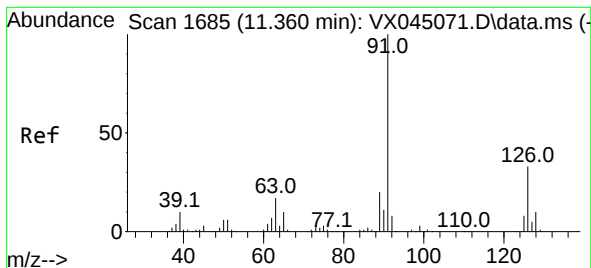
Tgt Ion: 91 Resp: 2412

Ion Ratio Lower Upper

91 100

120 21.9 11.2 33.6





#79

2-Chlorotoluene

Concen: 0.513 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

Instrument :

MSVOA_X

ClientSampleId :

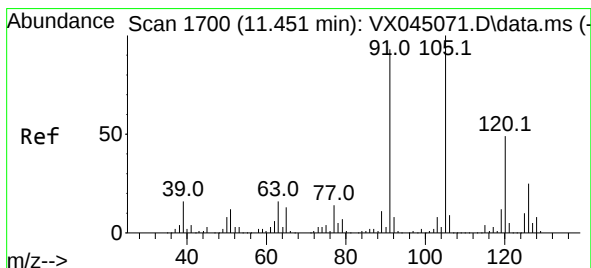
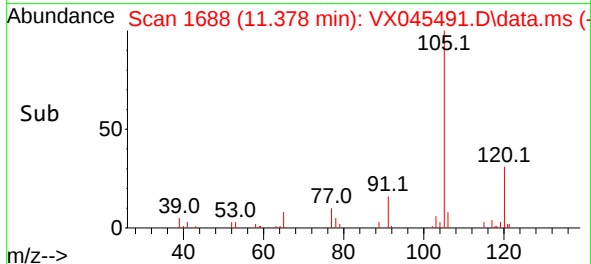
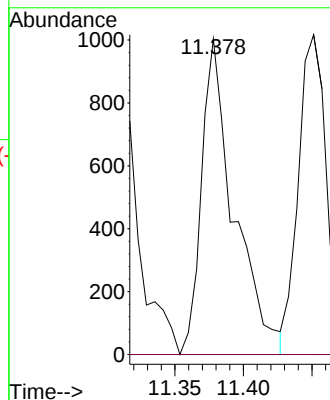
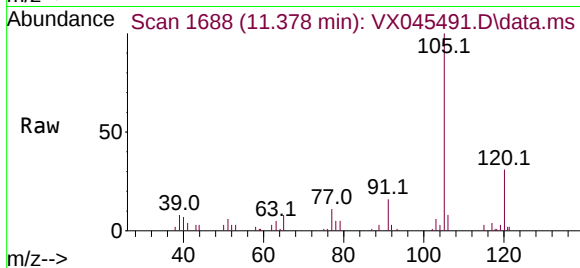
030825-A

Tgt Ion: 91 Resp: 1651

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#



#80

1,3,5-Trimethylbenzene

Concen: 2.716 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045491.D

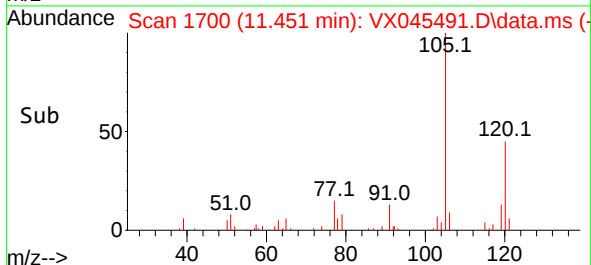
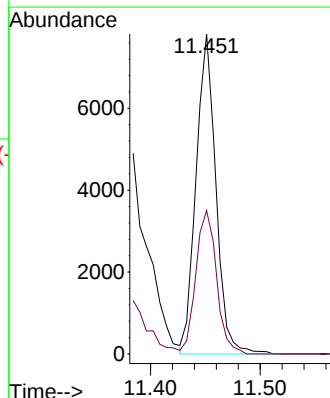
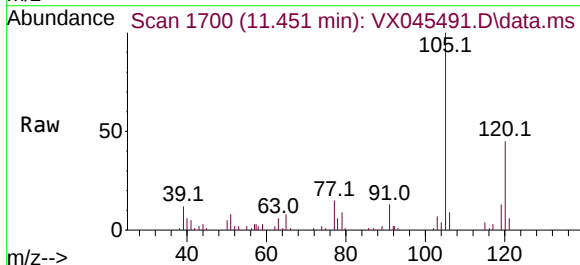
Acq: 27 Mar 2025 20:36

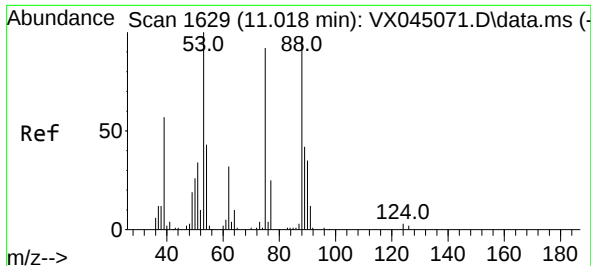
Tgt Ion:105 Resp: 9831

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.2

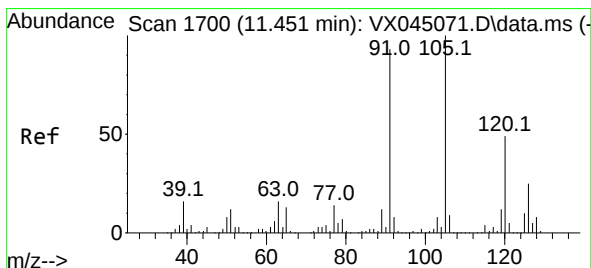
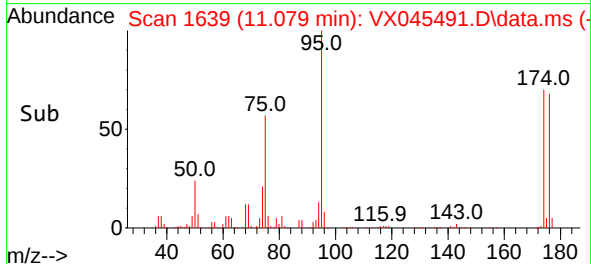
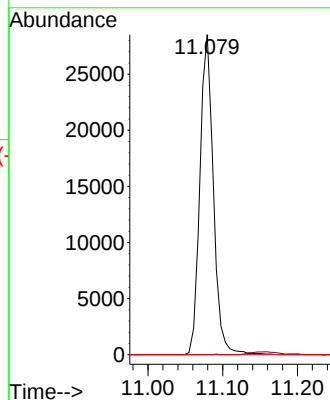
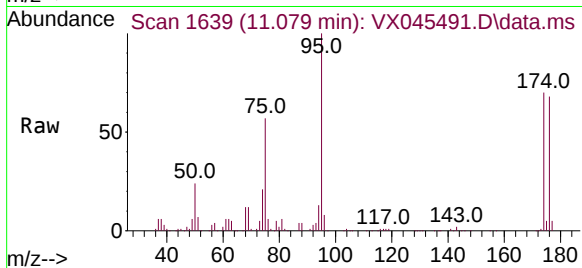




#81
trans-1,4-Dichloro-2-butene
Concen: 91.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

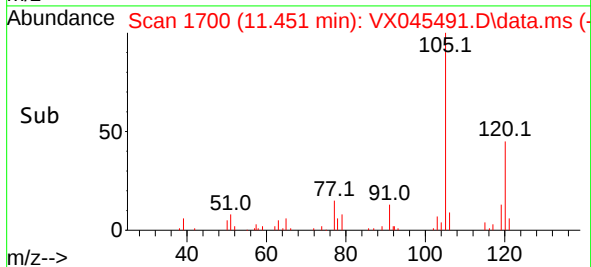
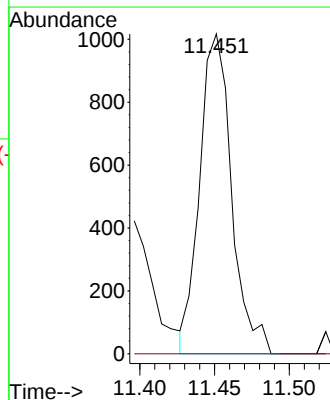
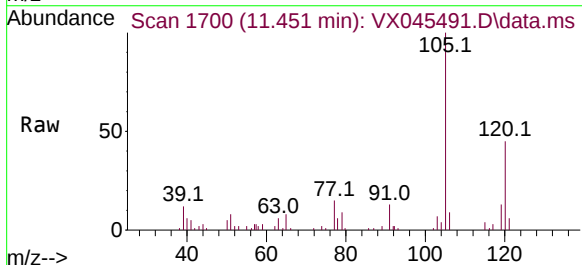
Instrument :
MSVOA_X
ClientSampleId :
030825-A

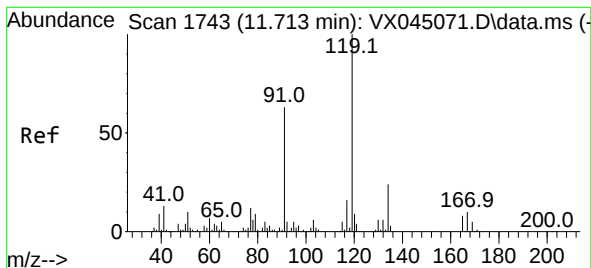
Tgt Ion: 75 Resp: 35699
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.1 36.2 54.4#



#82
4-Chlorotoluene
Concen: 0.429 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Tgt Ion: 91 Resp: 1507
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#





#83

tert-Butylbenzene

Concen: 0.294 ug/l

RT: 11.963 min Scan# 11

Delta R.T. 0.250 min

Lab File: VX045491.D

Acq: 27 Mar 2025 20:36

Instrument :

MSVOA_X

ClientSampleId :

030825-A

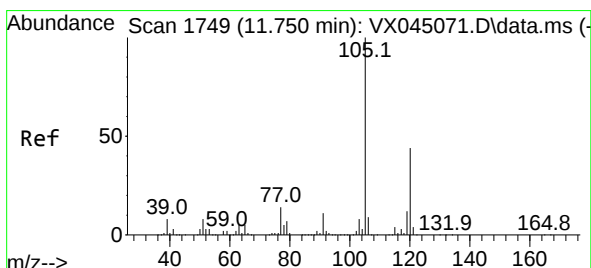
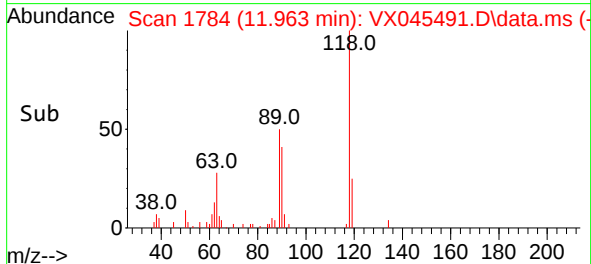
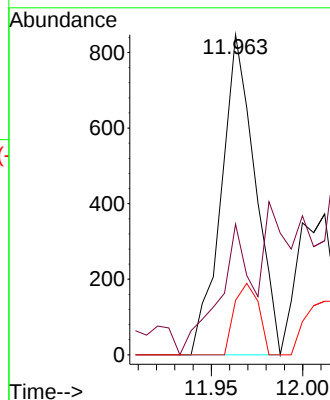
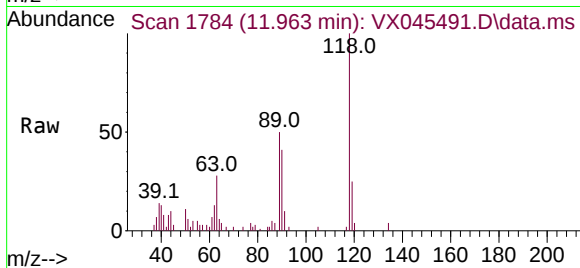
Tgt Ion:119 Resp: 1093

Ion Ratio Lower Upper

119 100

91 38.7 30.7 92.1

134 15.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 11.178 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045491.D

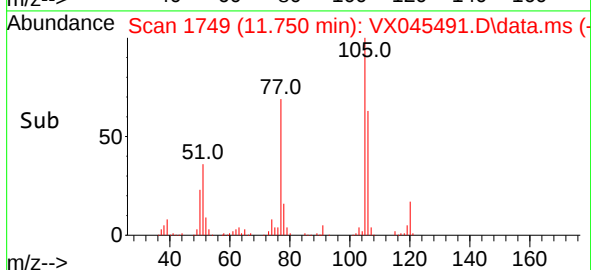
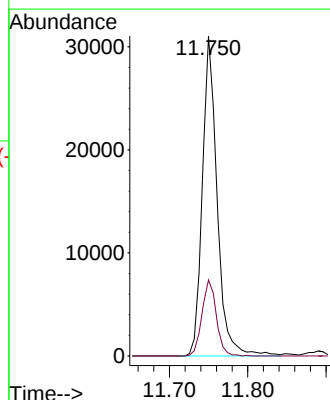
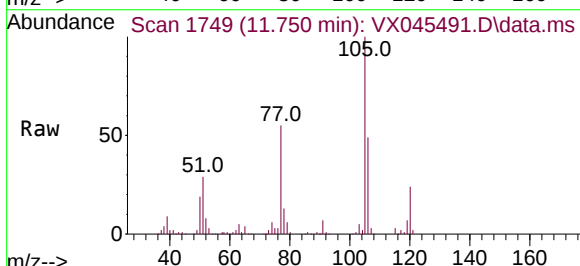
Acq: 27 Mar 2025 20:36

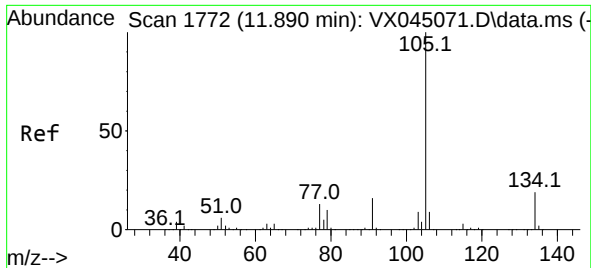
Tgt Ion:105 Resp: 40711

Ion Ratio Lower Upper

105 100

120 23.0 22.1 66.1

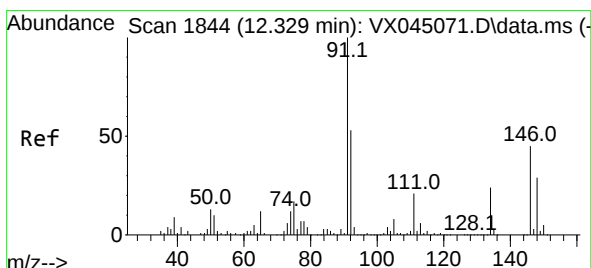
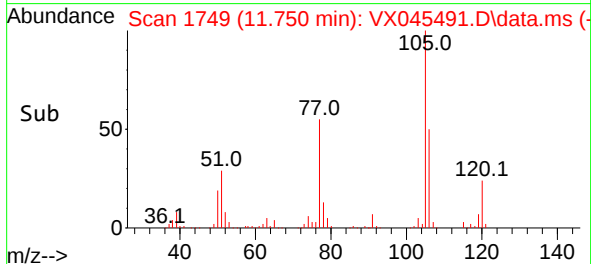
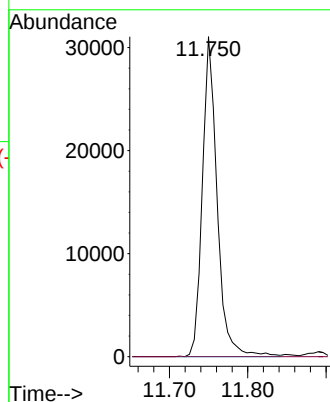
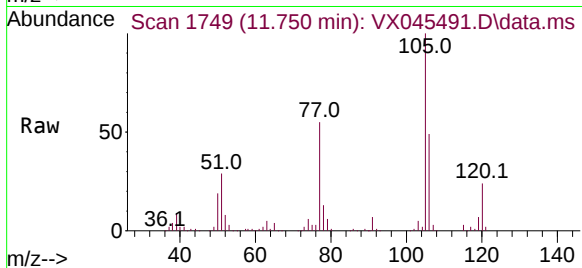




#85
 sec-Butylbenzene
 Concen: 9.138 ug/l
 RT: 11.750 min Scan# 11749
 Delta R.T. -0.140 min
 Lab File: VX045491.D
 Acq: 27 Mar 2025 20:36

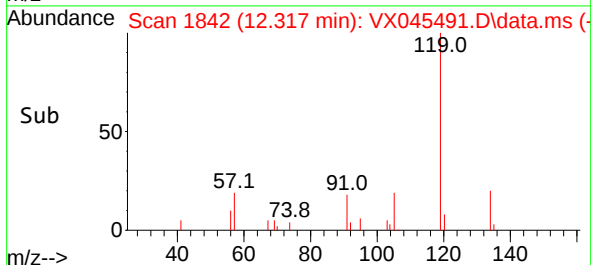
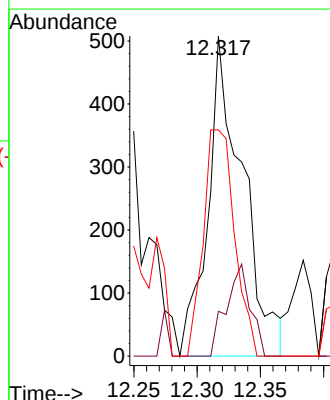
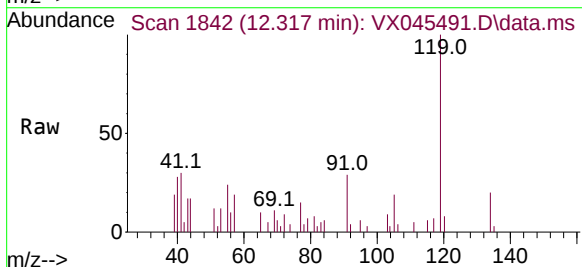
Instrument :
 MSVOA_X
 ClientSampleId :
 030825-A

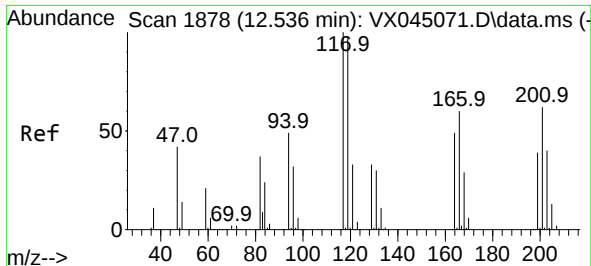
Tgt Ion:105 Resp: 40711
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#89
 n-Butylbenzene
 Concen: 0.313 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: VX045491.D
 Acq: 27 Mar 2025 20:36

Tgt Ion: 91 Resp: 970
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.7 80.0#
 134 63.6 12.2 36.6#

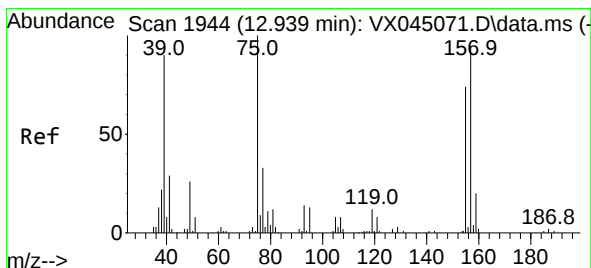
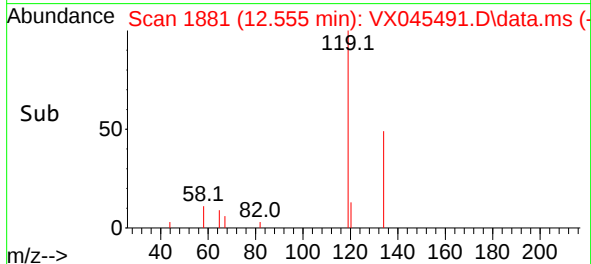
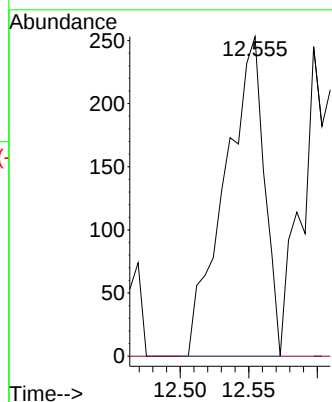
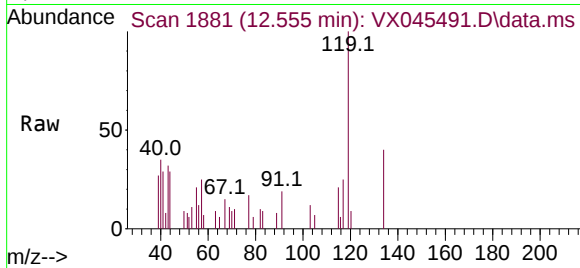




#90
Hexachloroethane
Concen: 0.777 ug/l
RT: 12.555 min Scan# 117
Delta R.T. 0.018 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

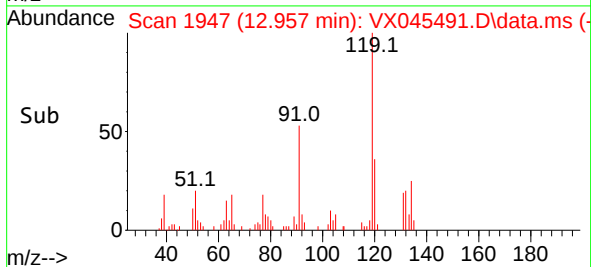
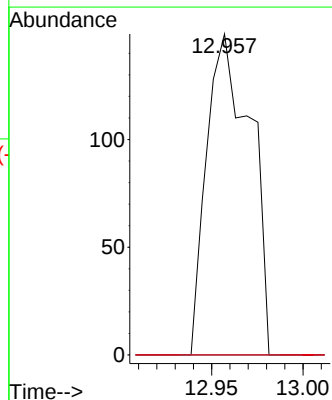
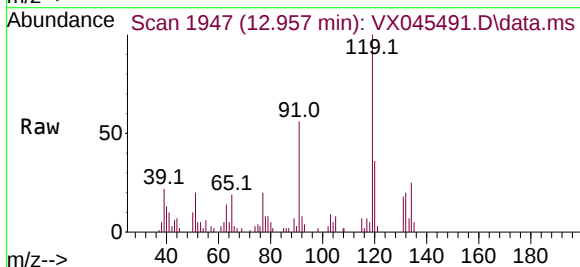
Instrument :
MSVOA_X
ClientSampleId :
030825-A

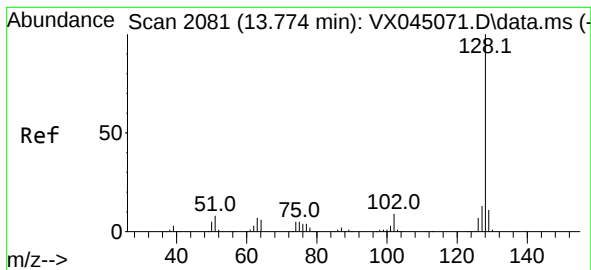
Tgt Ion:117 Resp: 506
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.775 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.018 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

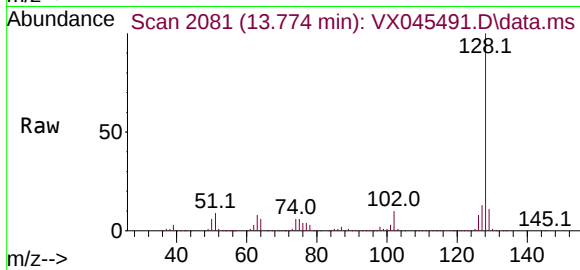
Tgt Ion: 75 Resp: 248
Ion Ratio Lower Upper
75 100
155 0.0 39.6 118.7#
157 0.0 51.1 153.4#





#95
Naphthalene
Concen: 290.754 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045491.D
Acq: 27 Mar 2025 20:36

Instrument :
MSVOA_X
ClientSampleId :
030825-A



Tgt Ion:128 Resp: 1202337
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

