

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044646.D
 Acq On : 09 Jan 2025 05:27
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 06:27:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	30194	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	153138	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	142943	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	99294	30.037	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.133%	
60) 4-Bromofluorobenzene	11.079	95	82479	30.906	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.033%	
63) Toluene-d8	8.647	98	237747	29.747	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.167%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	51385	18.845	ug/l	96
3) Chloromethane	1.295	50	50894	18.597	ug/l	98
4) Vinyl Chloride	1.374	62	46976	18.222	ug/l	97
5) Bromomethane	1.599	94	24807	19.092	ug/l	90
6) Chloroethane	1.673	64	31406	21.768	ug/l	98
7) Trichlorofluoromethane	1.880	101	75276	18.998	ug/l	93
8) Diethyl Ether	2.130	74	28318	18.595	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	44943	21.108	ug/l	97
10) 1,1-Dichloroethene	2.313	96	44909	21.451	ug/l	87
11) Methyl Iodide	2.447	142	65397	22.349	ug/l	97
12) Methyl Acetate	2.697	43	56400	19.086	ug/l	94
13) Acrolein	2.233	56	53864	99.323	ug/l	98
14) Acrylonitrile	3.063	53	106492	95.891	ug/l	98
15) Acetone	2.380	58	32228	114.192	ug/l	83
16) Carbon Disulfide	2.508	76	89878	19.582	ug/l	97
17) Allyl chloride	2.660	41	67893	18.809	ug/l	98
18) Methylene Chloride	2.782	84	45168	18.620	ug/l	94
19) trans-1,2-Dichloroethene	3.087	96	38537	17.981	ug/l	91
20) Diisopropyl ether	3.758	45	139323	18.372	ug/l #	94
21) 1,1-Dichloroethane	3.605	63	78614	18.391	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	49083	18.592	ug/l	98
23) tert-Butyl Alcohol	2.989	59	41460	98.656	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	137722	18.299	ug/l	99
25) Chloroform	5.087	83	85075	18.552	ug/l	93
26) Cyclohexane	5.458	56	61908	18.304	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	52776	19.119	ug/l	98
30) 2-Butanone	4.556	43	148430	103.574	ug/l	99
31) 2,2-Dichloropropane	4.465	77	58870	18.230	ug/l #	75
32) 1,1,1-Trichloroethane	5.379	97	70868	18.605	ug/l	98
33) Carbon Tetrachloride	5.672	117	56337	18.161	ug/l	88
34) Benzene	6.032	78	165999	19.299	ug/l	99
35) Methacrylonitrile	4.916	41	32954	19.565	ug/l	91
36) 1,2-Dichloroethane	6.080	62	72789	20.249	ug/l	98
37) Trichloroethene	7.117	130	40128	18.661	ug/l	99
38) Methylcyclohexane	7.373	83	62275	18.103	ug/l	98
39) 1,2-Dichloropropane	7.422	63	39984	18.706	ug/l	99
40) Dibromomethane	7.580	93	32565	19.424	ug/l	99
41) Bromodichloromethane	7.818	83	59585	18.924	ug/l	100
42) Vinyl Acetate	3.715	43	573191	95.083	ug/l	100

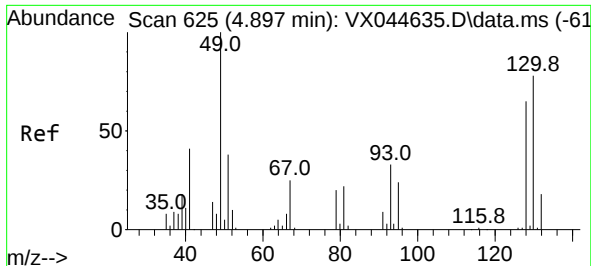
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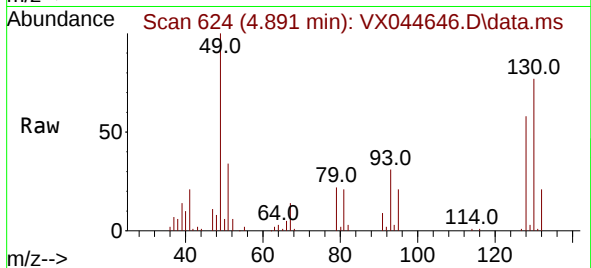
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	60276	20.208	ug/l	# 82
44) Isopropyl Acetate	6.336	43	98194	19.805	ug/l	100
45) 1,4-Dioxane	7.659	88	15075	433.944	ug/l	99
46) Methyl methacrylate	7.690	41	47737	19.749	ug/l	96
47) n-amyl Acetate	10.842	43	76850	19.116	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	56070	18.398	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	61622	17.711	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	42407	19.954	ug/l	97
51) Ethyl methacrylate	9.116	69	63375	19.523	ug/l	96
52) 1,3-Dichloropropane	9.305	76	71861	19.731	ug/l	98
53) Dibromochloromethane	9.519	129	40696	18.409	ug/l	99
54) 1,2-Dibromoethane	9.604	107	42932	19.633	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	158761	99.258	ug/l	100
56) Bromoform	10.799	173	23583	17.298	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	308157	105.706	ug/l	100
59) 2-Hexanone	9.427	43	218181	108.363	ug/l	98
61) Tetrachloroethene	9.269	164	35253	19.197	ug/l	98
62) Toluene	8.714	91	181120	19.255	ug/l	98
64) Chlorobenzene	10.080	112	110678	18.954	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	37967	19.151	ug/l	97
66) Ethyl Benzene	10.189	91	197599	19.536	ug/l	99
67) m/p-Xylenes	10.299	106	147529	38.792	ug/l	99
68) o-Xylene	10.640	106	73629	19.836	ug/l	99
69) Styrene	10.653	104	119450	19.375	ug/l	99
70) Isopropylbenzene	10.957	105	184232	19.255	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.214	83	60876	20.440	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	63001	24.251	ug/l	90
73) Bromobenzene	11.195	156	44189	19.647	ug/l	97
74) n-propylbenzene	11.299	91	211137	19.468	ug/l	97
75) 2-Chlorotoluene	11.360	91	134397	19.717	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	156157	19.632	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	14350	17.381	ug/l	93
78) 4-Chlorotoluene	11.451	91	148989	19.682	ug/l	99
79) tert-butylbenzene	11.713	119	152973	19.584	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	154410	19.698	ug/l	99
81) sec-Butylbenzene	11.890	105	185314	19.609	ug/l	100
82) p-Isopropyltoluene	12.006	119	151593	19.293	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	78174	19.210	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	77946	19.151	ug/l	96
85) n-Butylbenzene	12.329	91	134832	20.159	ug/l	100
86) Hexachloroethane	12.536	117	24431	19.734	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	86519	20.845	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12623	22.029	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	46194	19.392	ug/l	99
90) Hexachlorobutadiene	13.719	225	19630	20.344	ug/l	94
91) Naphthalene	13.774	128	170977	21.207	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	49880	20.380	ug/l	97

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

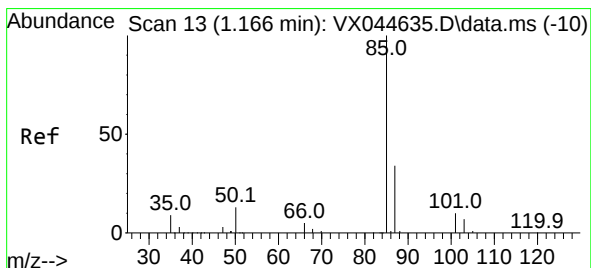
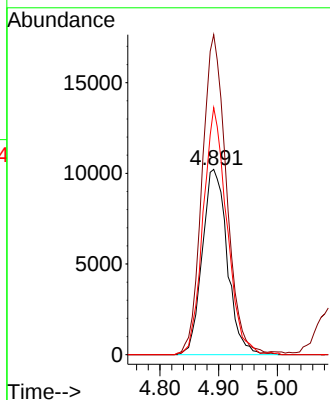
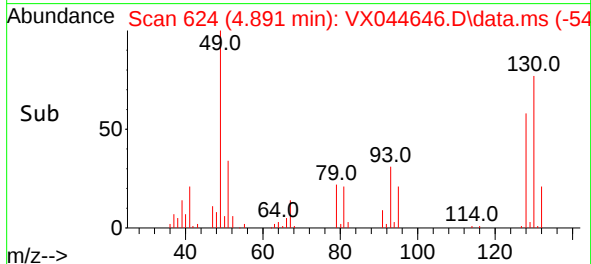


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :

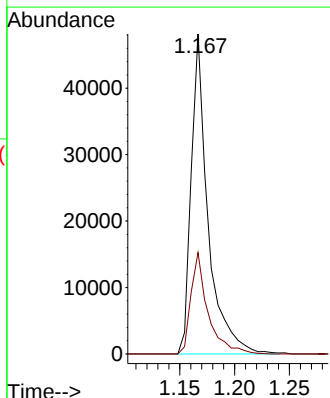
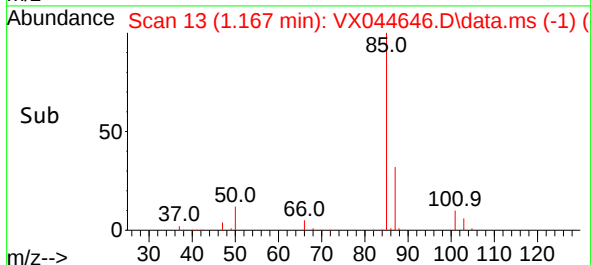
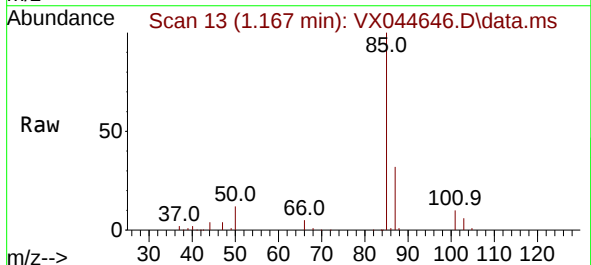


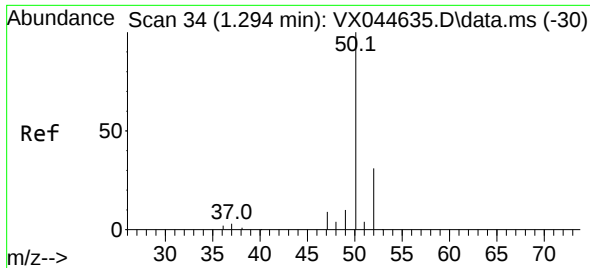
Tgt Ion:128 Resp: 30194
Ion Ratio Lower Upper
128 100
49 168.0 0.0 425.8
130 126.5 0.0 319.8



#2
Dichlorodifluoromethane
Concen: 18.845 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 85 Resp: 51385
Ion Ratio Lower Upper
85 100
87 31.7 17.0 51.0

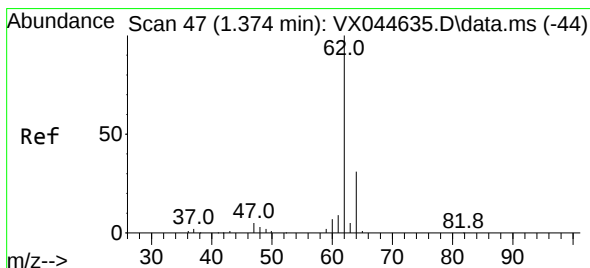
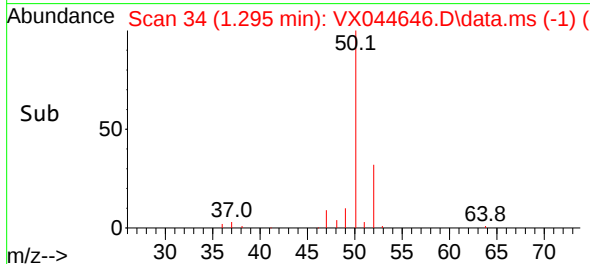
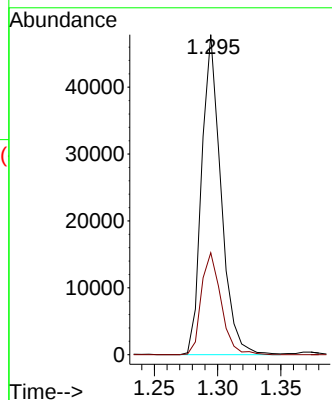
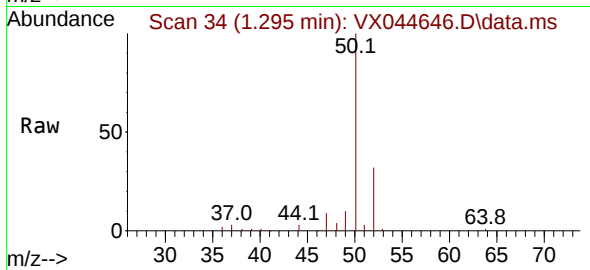




#3
Chloromethane
Concen: 18.597 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

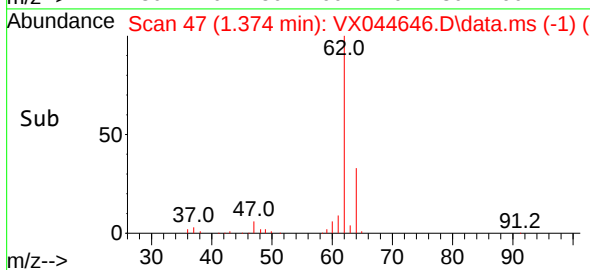
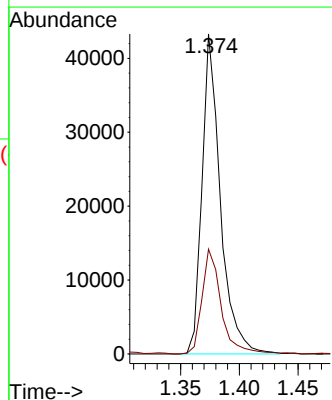
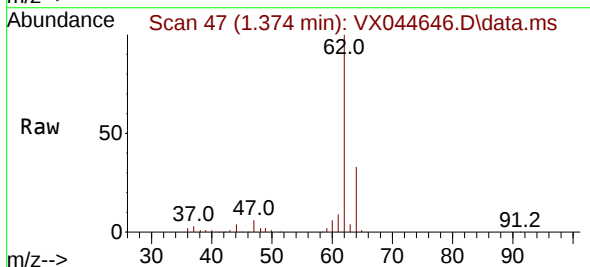
Instrument :
MSVOA_X
ClientSampleId :

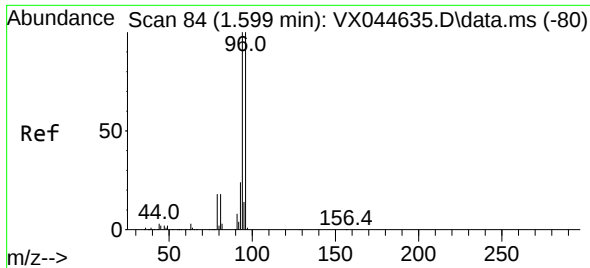
Tgt Ion: 50 Resp: 50894
Ion Ratio Lower Upper
50 100
52 31.9 24.5 36.7



#4
Vinyl Chloride
Concen: 18.222 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 62 Resp: 46976
Ion Ratio Lower Upper
62 100
64 32.7 24.7 37.1

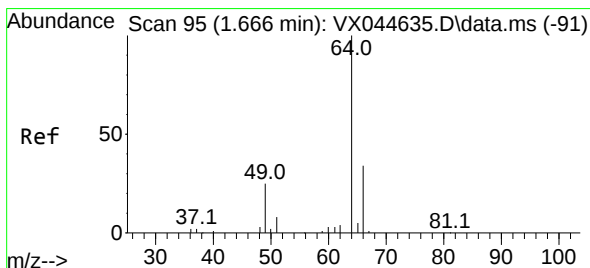
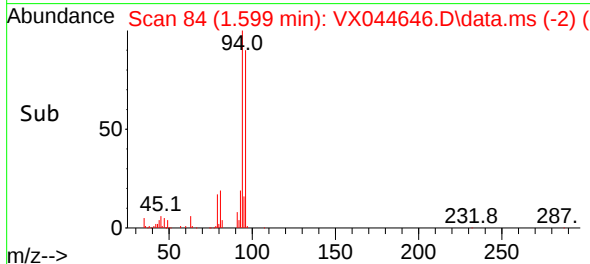
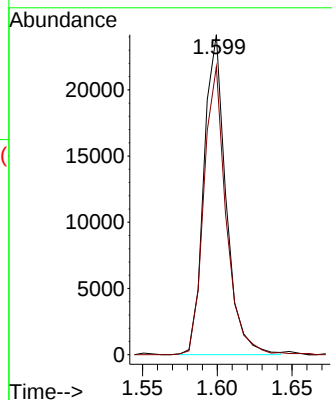
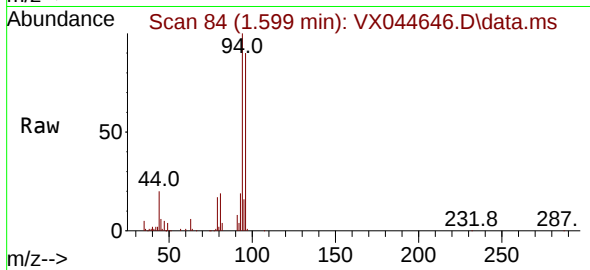




#5
Bromomethane
Concen: 19.092 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

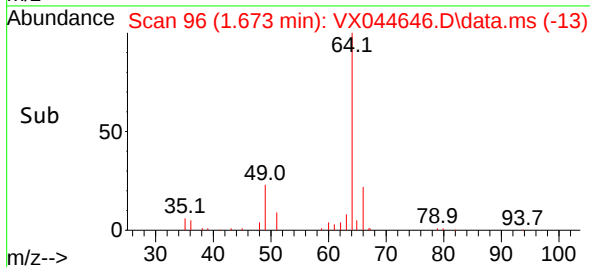
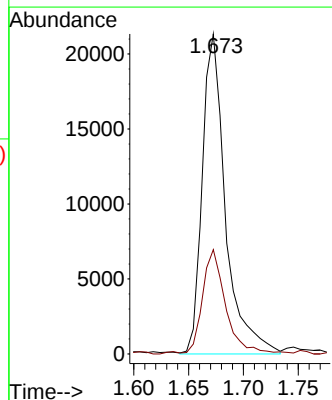
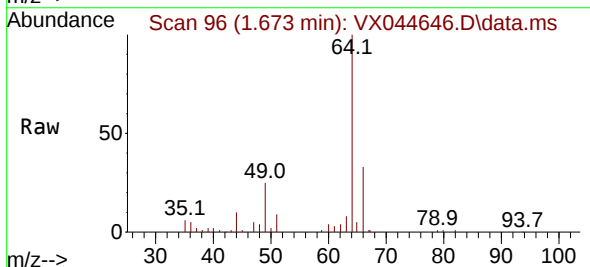
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ClientSampleId :

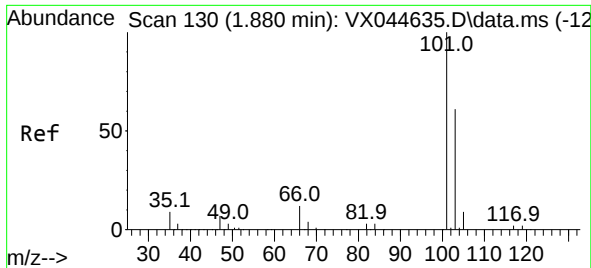
Tgt Ion: 94 Resp: 24807
Ion Ratio Lower Upper
94 100
96 89.9 79.9 119.9



#6
Chloroethane
Concen: 21.768 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 64 Resp: 31406
Ion Ratio Lower Upper
64 100
66 32.4 26.9 40.3

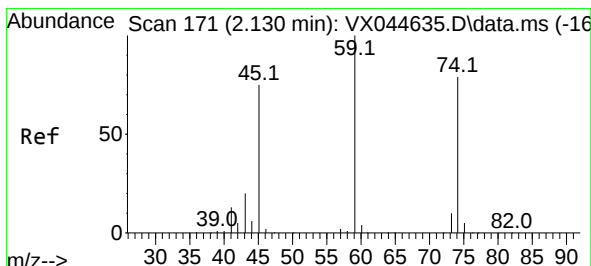
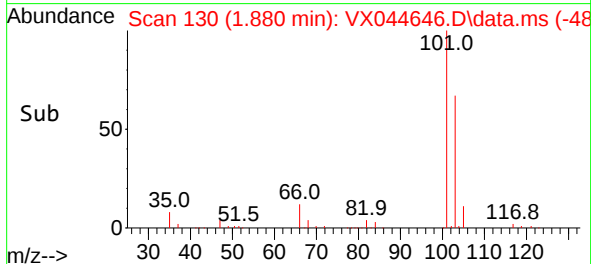
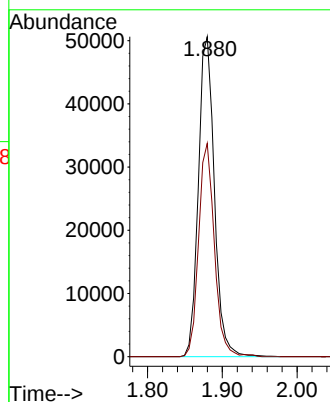
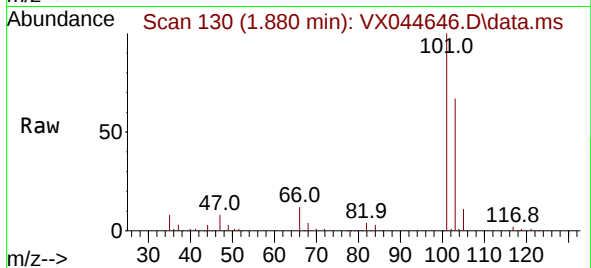




#7
Trichlorofluoromethane
Concen: 18.998 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

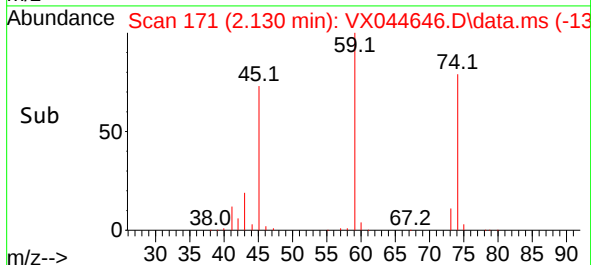
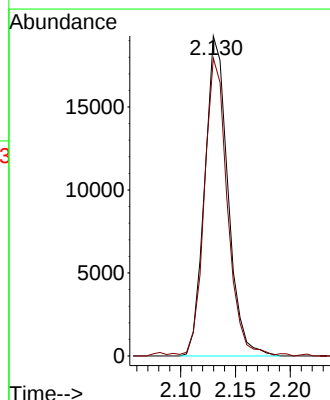
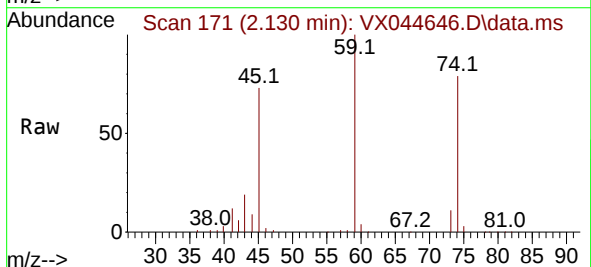
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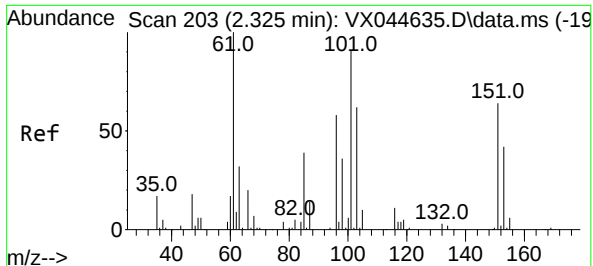
Tgt Ion:101 Resp: 75276
Ion Ratio Lower Upper
101 100
103 66.6 49.2 73.8



#8
Diethyl Ether
Concen: 18.595 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 74 Resp: 28318
Ion Ratio Lower Upper
74 100
45 92.1 19.4 174.6

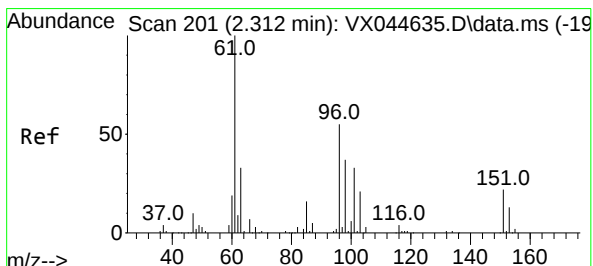
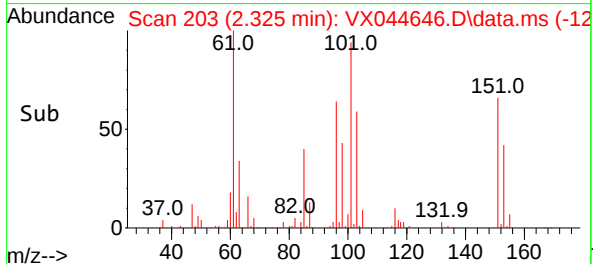
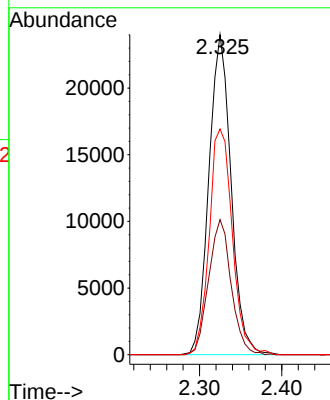
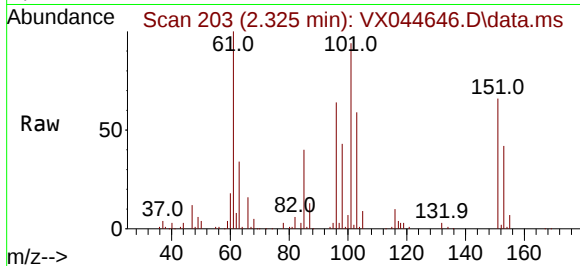




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.108 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

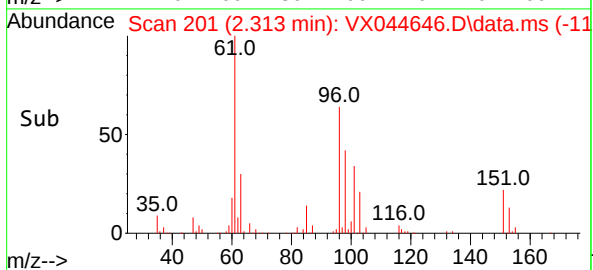
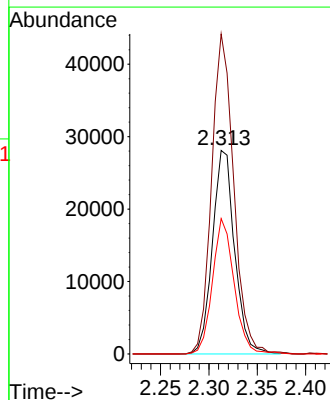
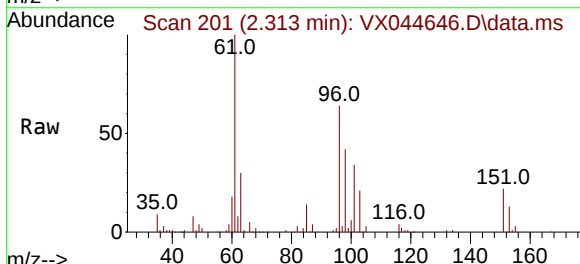
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ClientSampleId :

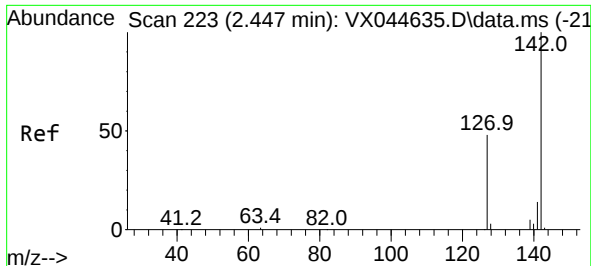
Tgt Ion:101 Resp: 44943
Ion Ratio Lower Upper
101 100
85 42.9 0.0 93.4
151 73.6 0.0 146.2



#10
1,1-Dichloroethene
Concen: 21.451 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

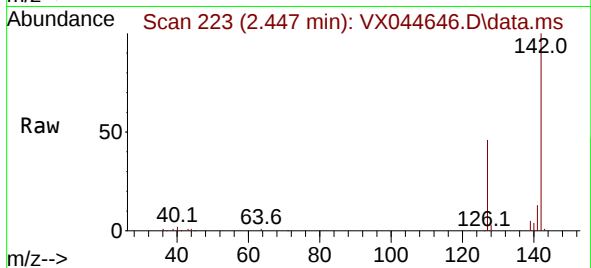
Tgt Ion: 96 Resp: 44909
Ion Ratio Lower Upper
96 100
61 157.2 146.0 219.0
98 66.5 54.6 81.8



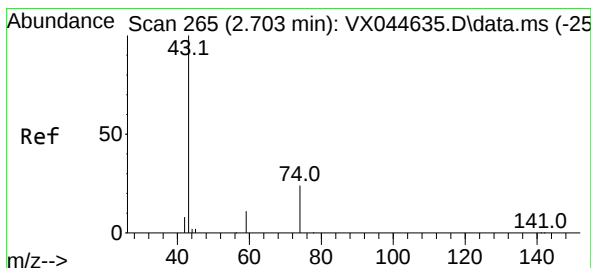
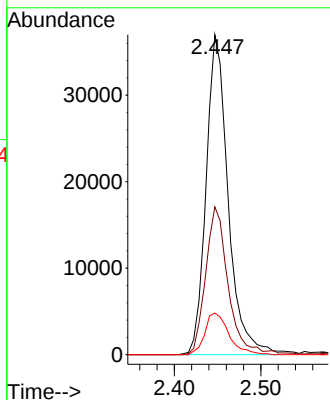
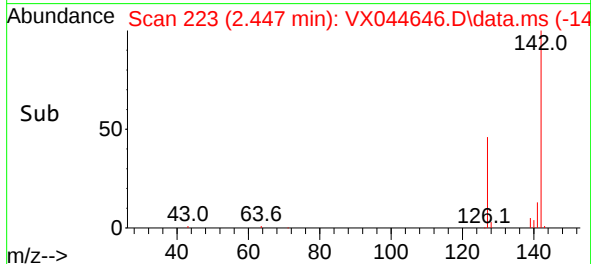


#11
Methyl Iodide
Concen: 22.349 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :

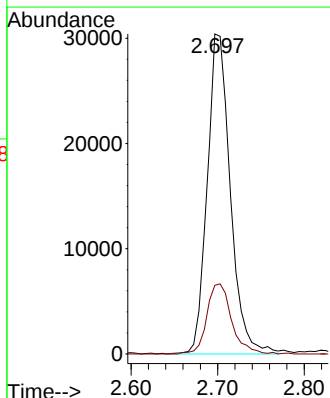
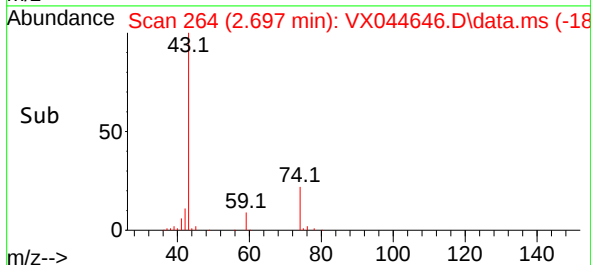
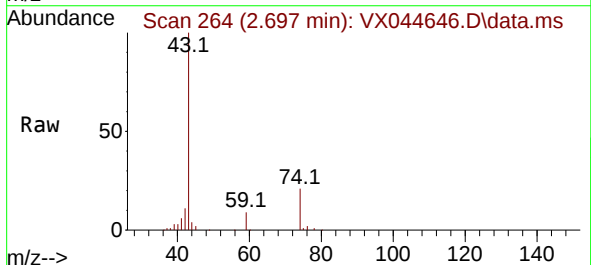


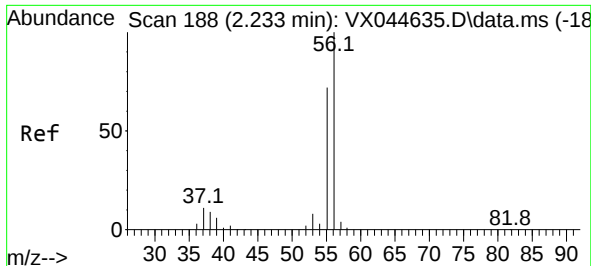
Tgt Ion:142 Resp: 65397
Ion Ratio Lower Upper
142 100
127 46.2 24.1 72.2
141 13.1 7.0 20.9



#12
Methyl Acetate
Concen: 19.086 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 43 Resp: 56400
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.0

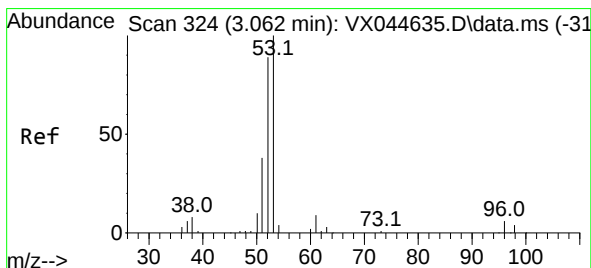
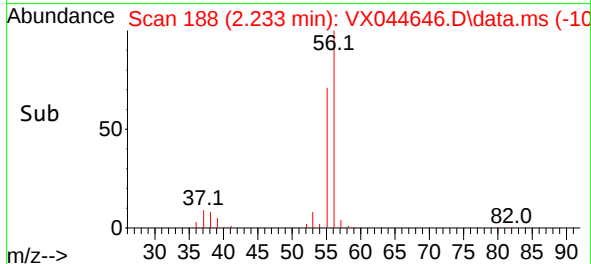
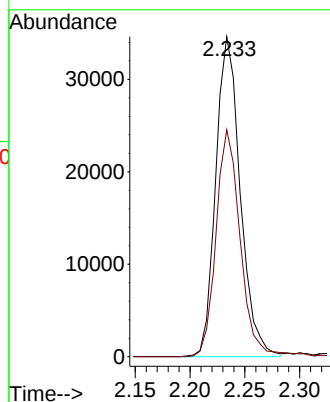
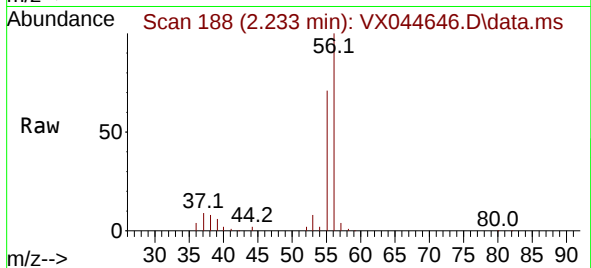




#13
Acrolein
Concen: 99.323 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

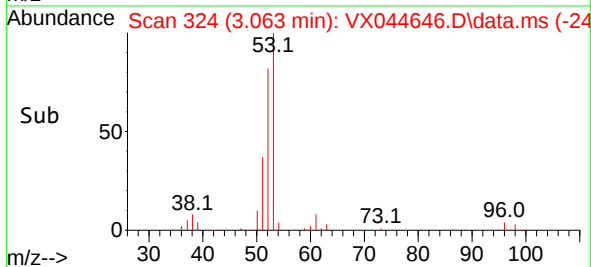
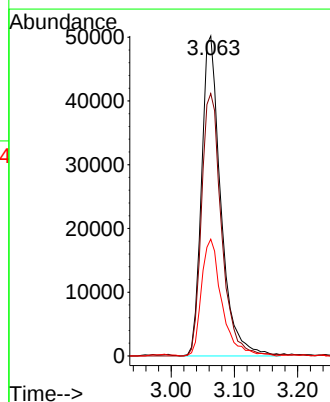
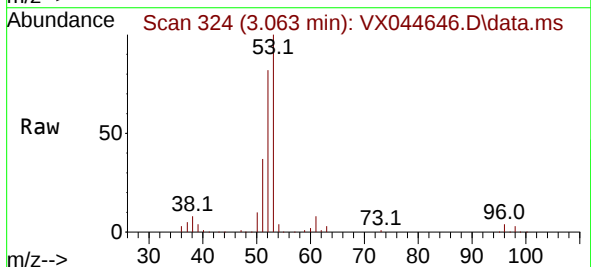
Instrument :
MSVOA_X
ClientSampleId :

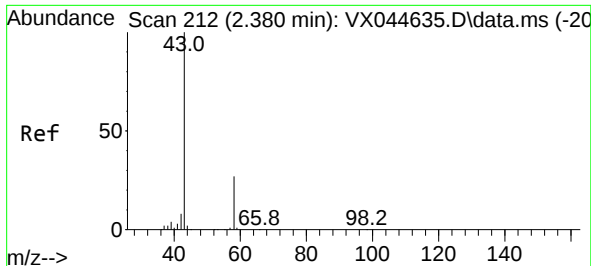
Tgt Ion: 56 Resp: 53864
Ion Ratio Lower Upper
56 100
55 69.6 56.7 85.1



#14
Acrylonitrile
Concen: 95.891 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 53 Resp: 106492
Ion Ratio Lower Upper
53 100
52 84.9 41.5 124.6
51 38.1 18.4 55.4

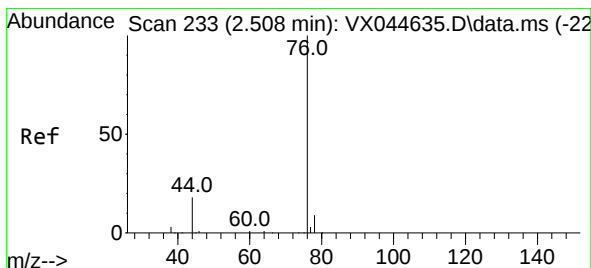
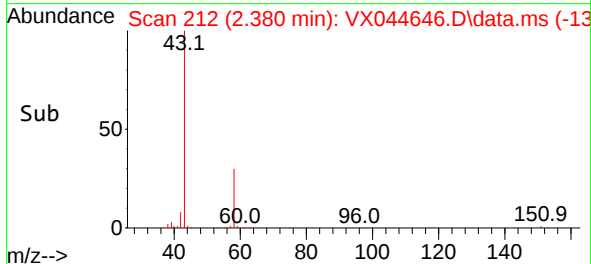
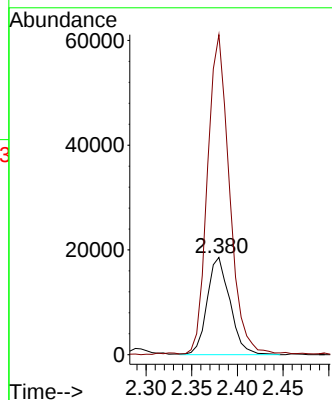
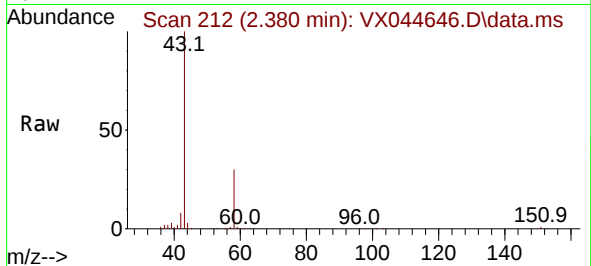




#15
Acetone
Concen: 114.192 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

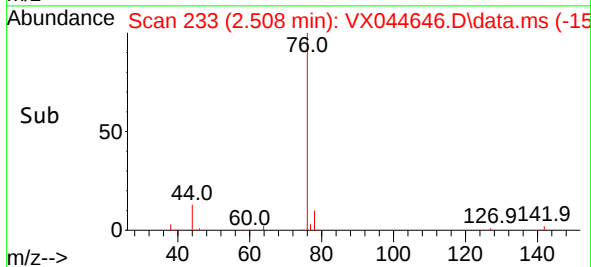
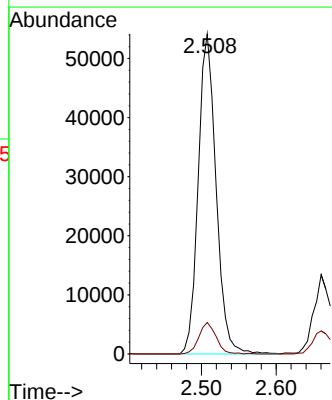
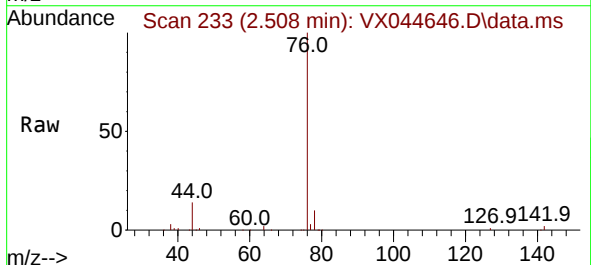
Instrument :
MSVOA_X
ClientSampleId :

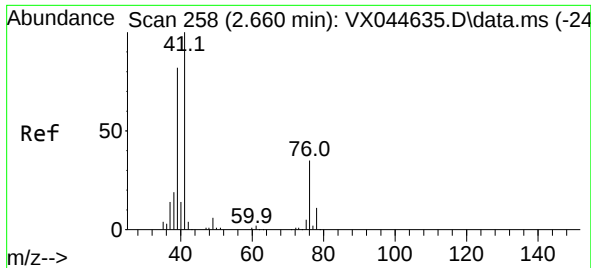
Tgt Ion: 58 Resp: 32228
Ion Ratio Lower Upper
58 100
43 328.2 293.6 440.4



#16
Carbon Disulfide
Concen: 19.582 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 76 Resp: 89878
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4





#17

Allyl chloride

Concen: 18.809 ug/l

RT: 2.660 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

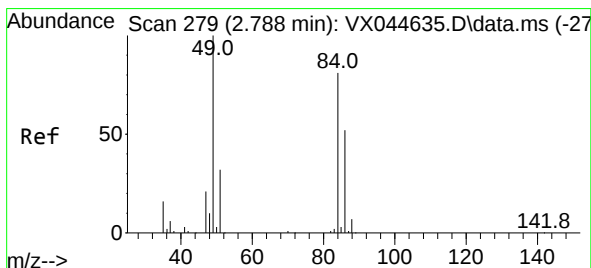
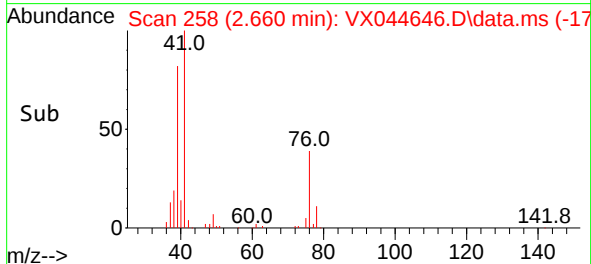
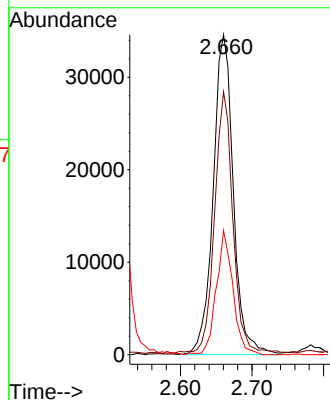
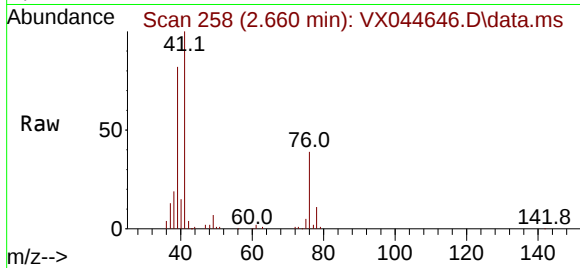
Tgt Ion: 41 Resp: 67893

Ion Ratio Lower Upper

41 100

39 81.3 40.9 122.7

76 38.8 17.4 52.2



#18

Methylene Chloride

Concen: 18.620 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Tgt Ion: 84 Resp: 45168

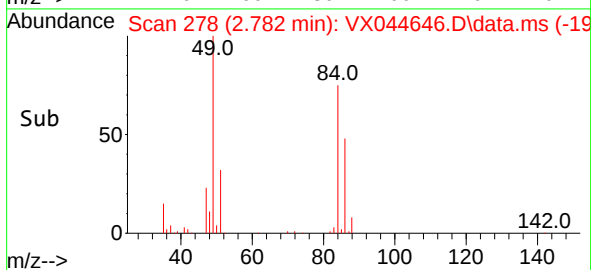
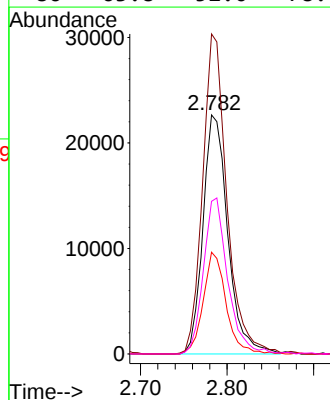
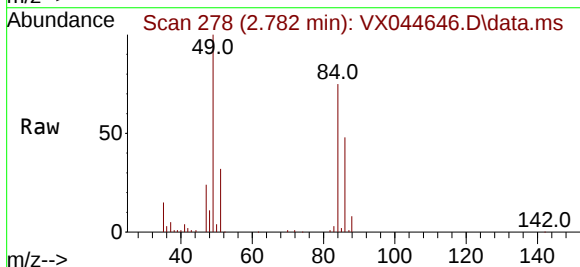
Ion Ratio Lower Upper

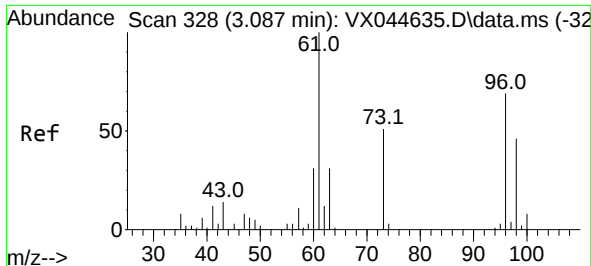
84 100

49 133.4 99.2 148.8

51 42.6 31.7 47.5

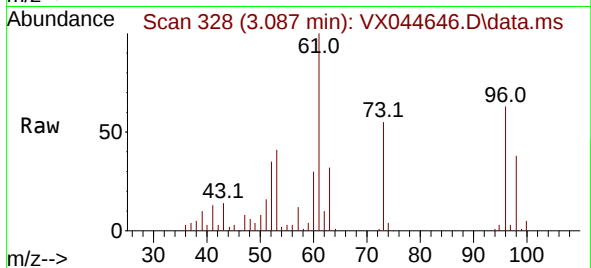
86 63.8 52.0 78.0



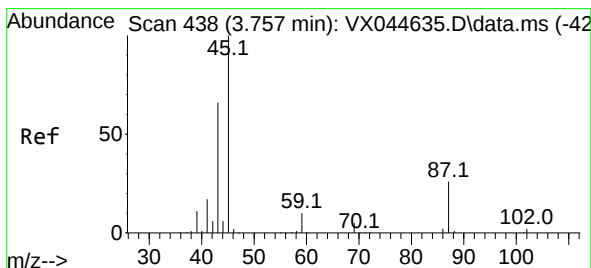
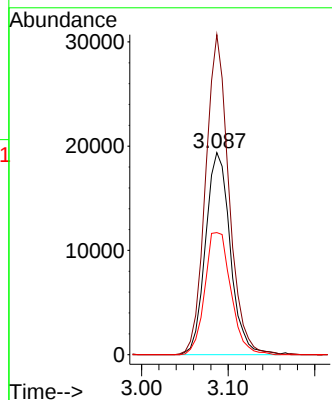
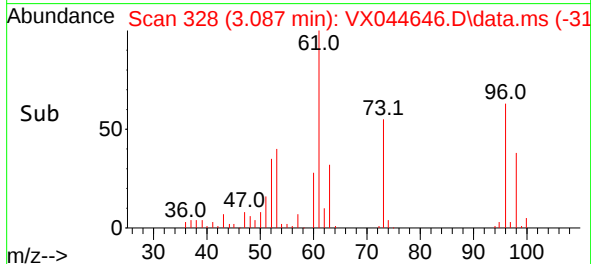


#19
trans-1,2-Dichloroethene
Concen: 17.981 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

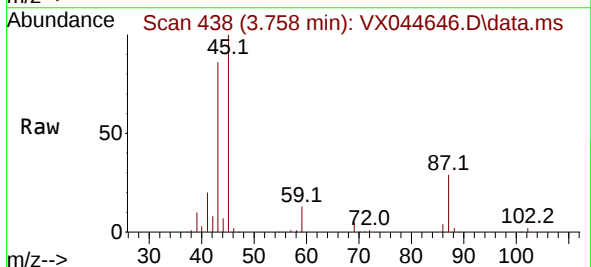
Instrument :
MSVOA_X
ClientSampleId :



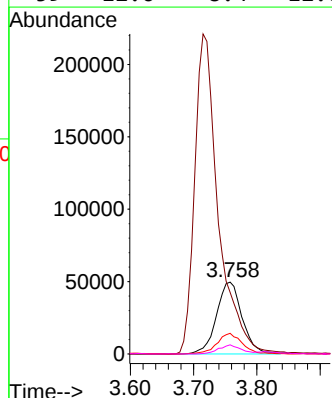
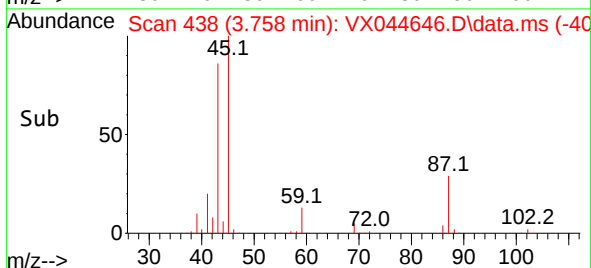
Tgt Ion: 96 Resp: 38537
Ion Ratio Lower Upper
96 100
61 158.0 116.6 175.0
98 60.4 53.3 79.9

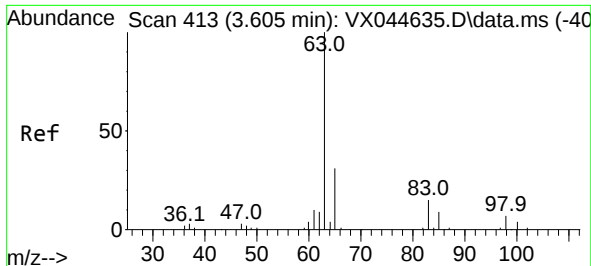


#20
Diisopropyl ether
Concen: 18.372 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27



Tgt Ion: 45 Resp: 139323
Ion Ratio Lower Upper
45 100
43 82.8 62.0 93.0
87 28.6 20.6 30.8
59 12.6 8.4 12.6#





#21

1,1-Dichloroethane

Concen: 18.391 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

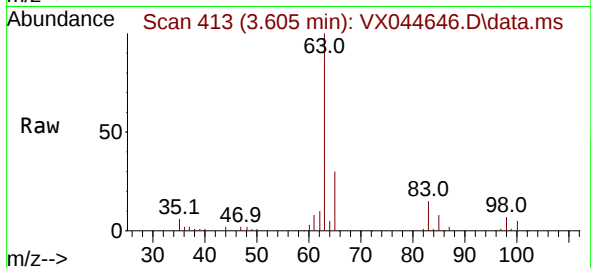
Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :



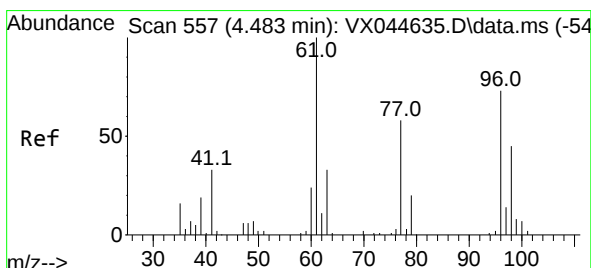
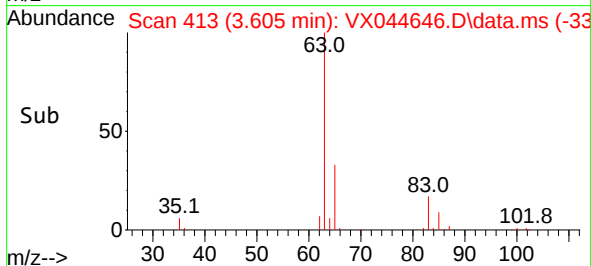
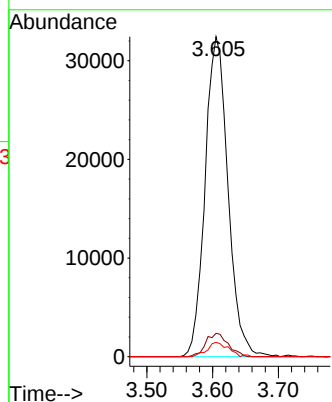
Tgt Ion: 63 Resp: 78614

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.5 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 18.592 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

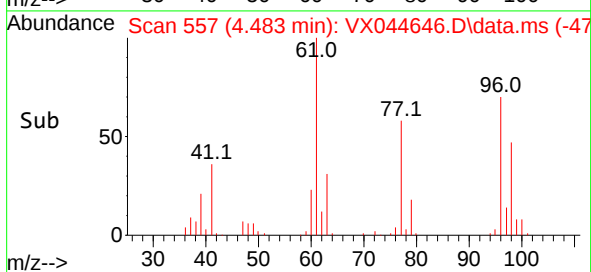
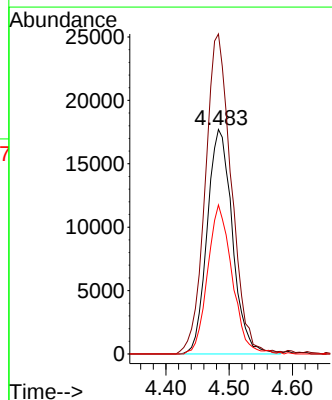
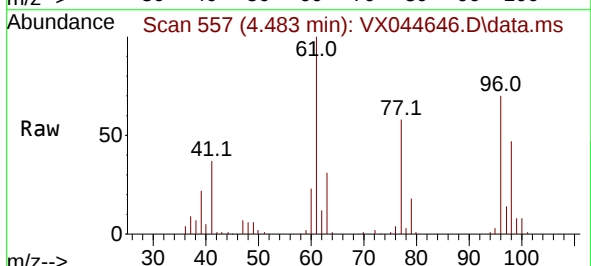
Tgt Ion: 96 Resp: 49083

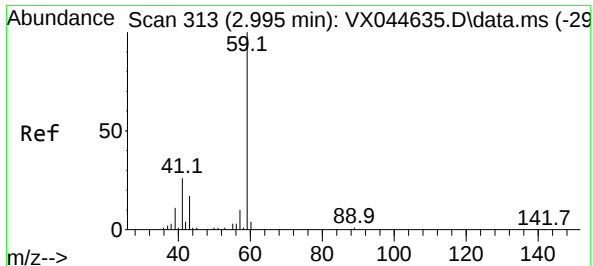
Ion Ratio Lower Upper

96 100

61 147.2 119.8 179.8

98 63.7 51.6 77.4

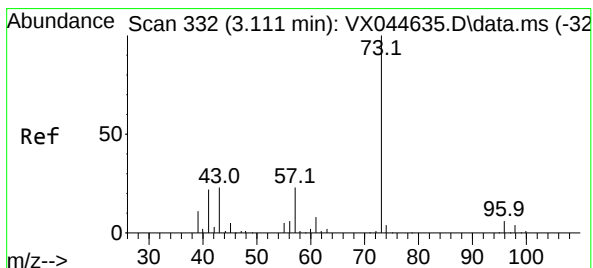
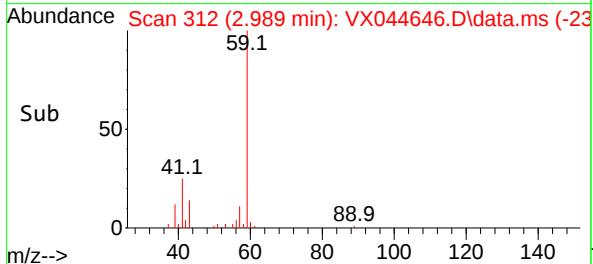
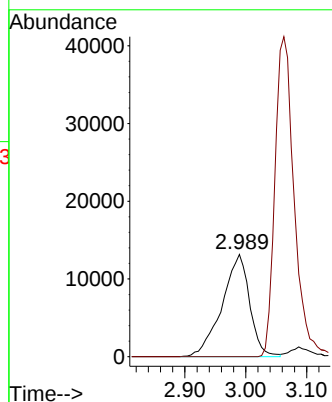
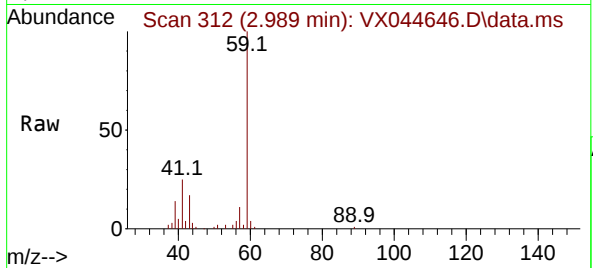




#23
tert-Butyl Alcohol
Concen: 98.656 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

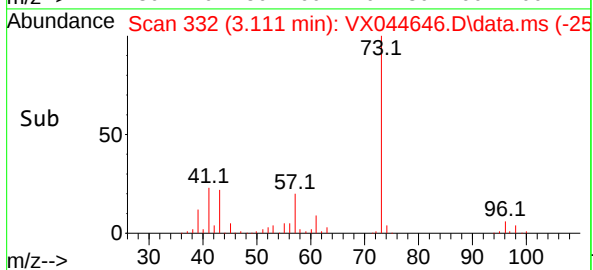
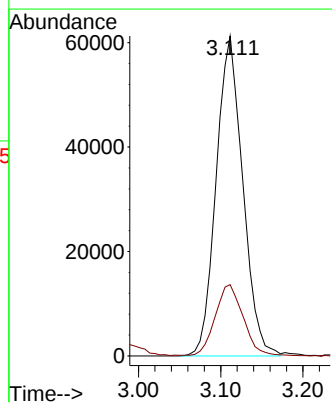
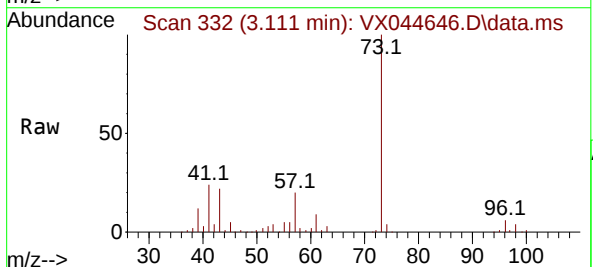
Instrument :
MSVOA_X
ClientSampleId :

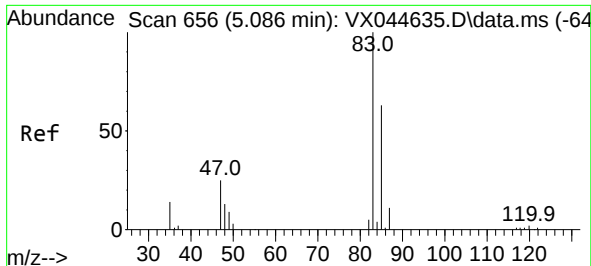
Tgt Ion: 59 Resp: 41460
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.299 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 73 Resp: 137722
Ion Ratio Lower Upper
73 100
43 23.5 18.3 27.5

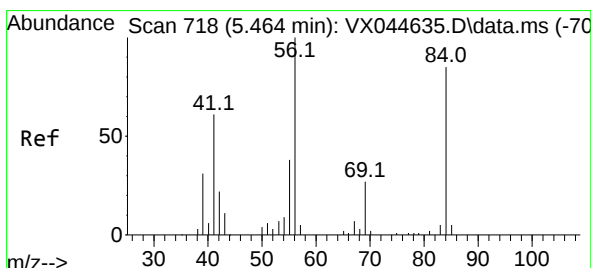
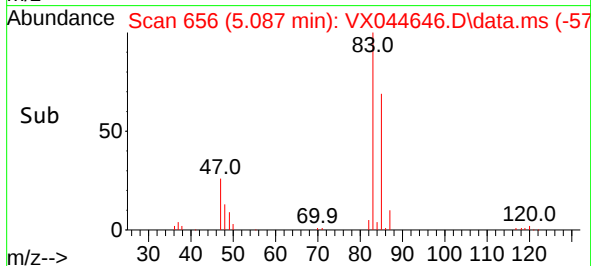
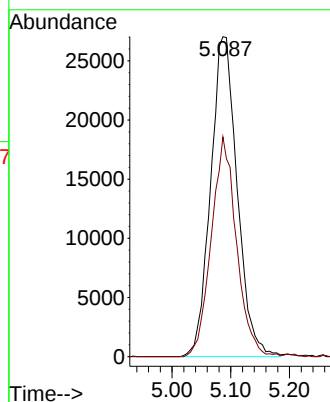
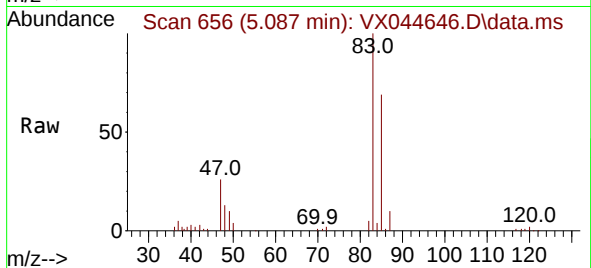




#25
Chloroform
Concen: 18.552 ug/l
RT: 5.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

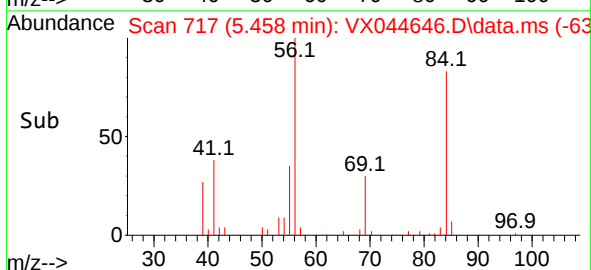
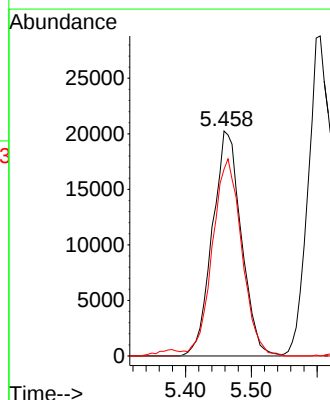
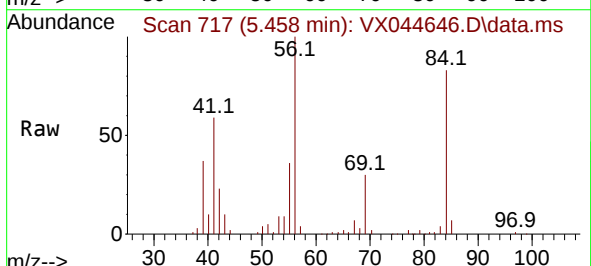
Instrument :
MSVOA_X
ClientSampleId :

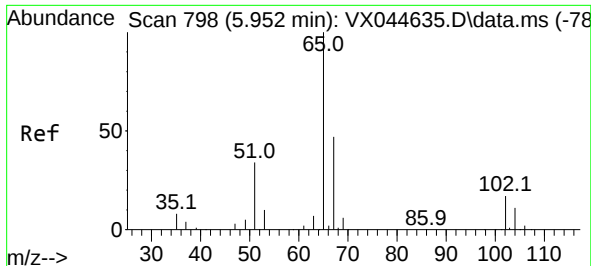
Tgt Ion: 83 Resp: 85075
Ion Ratio Lower Upper
83 100
85 68.7 50.7 76.1



#26
Cyclohexane
Concen: 18.304 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 56 Resp: 61908
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.6 69.2 103.8





#27

1,2-Dichloroethane-d4

Concen: 30.037 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

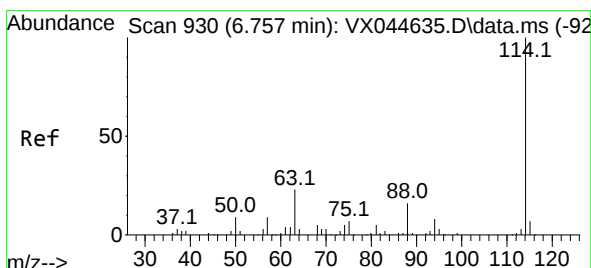
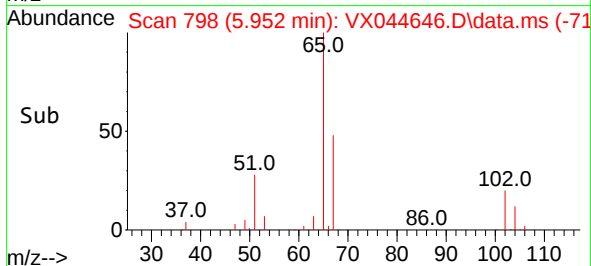
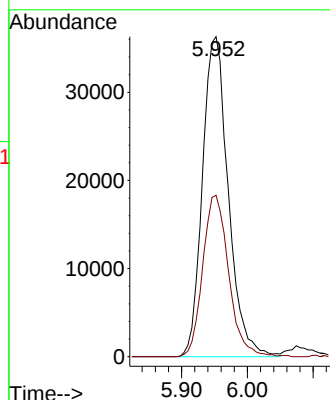
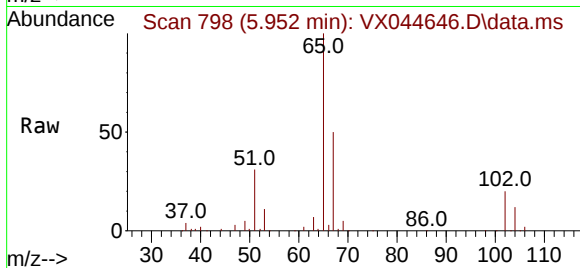
ClientSampleId :

Tgt Ion: 65 Resp: 99294

Ion Ratio Lower Upper

65 100

67 50.5 39.1 58.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

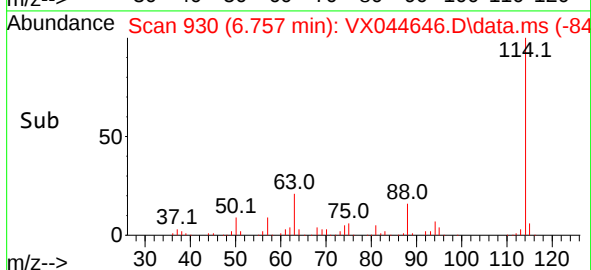
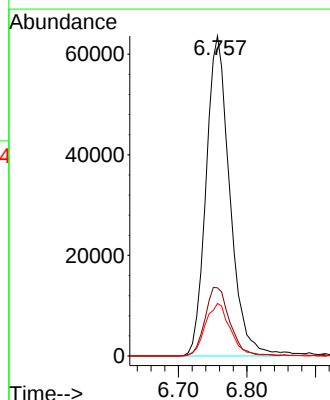
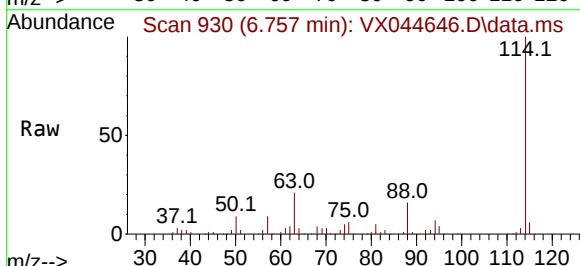
Tgt Ion: 114 Resp: 153138

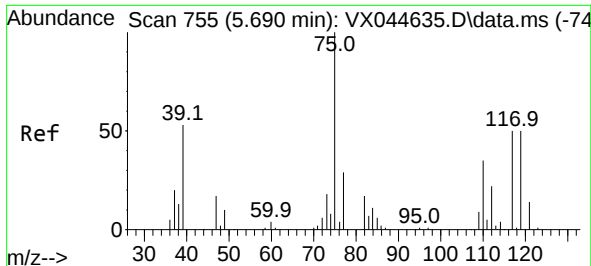
Ion Ratio Lower Upper

114 100

63 22.2 17.7 26.5

88 17.2 13.1 19.7





#29

1,1-Dichloropropene

Concen: 19.119 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

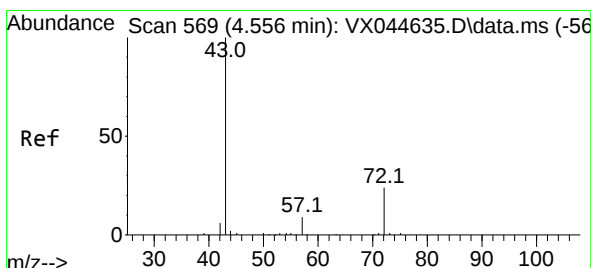
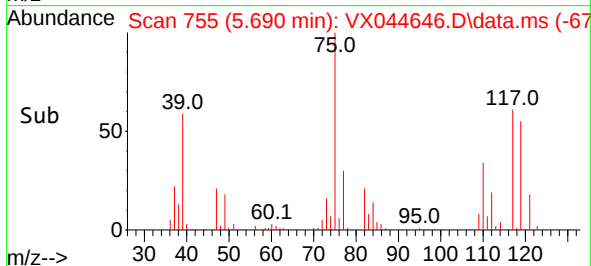
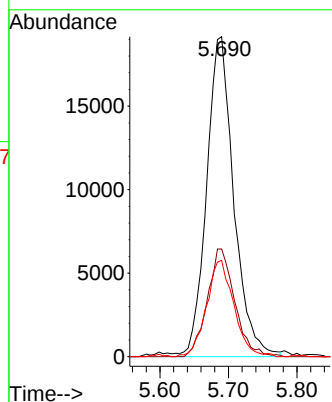
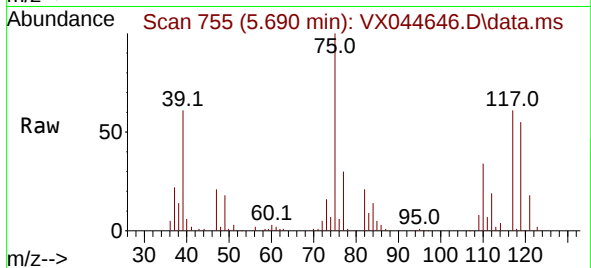
Tgt Ion: 75 Resp: 52776

Ion Ratio Lower Upper

75 100

110 33.2 0.0 67.4

77 30.1 0.0 62.8



#30

2-Butanone

Concen: 103.574 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

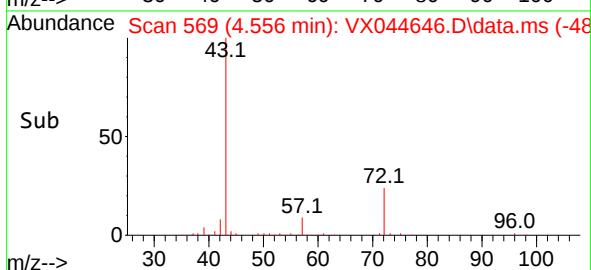
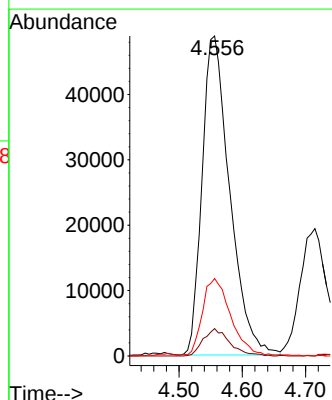
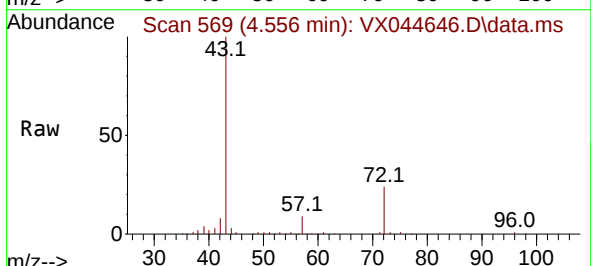
Tgt Ion: 43 Resp: 148430

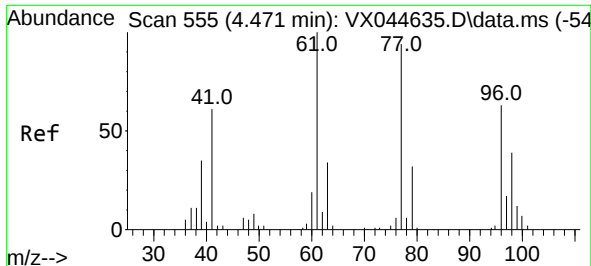
Ion Ratio Lower Upper

43 100

57 8.2 6.4 9.6

72 24.7 19.4 29.2

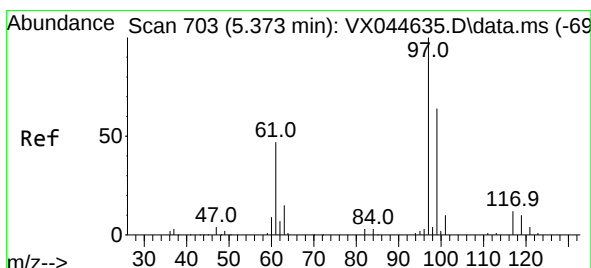
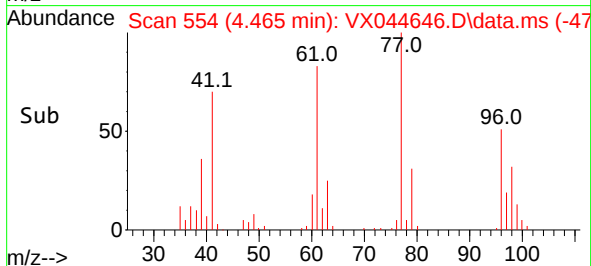
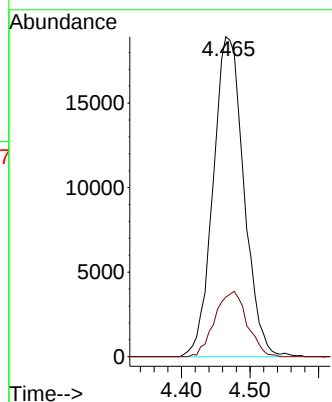
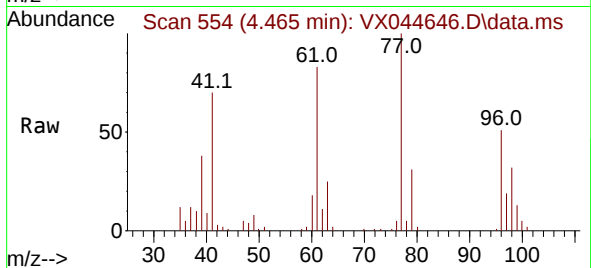




#31
2,2-Dichloropropane
Concen: 18.230 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

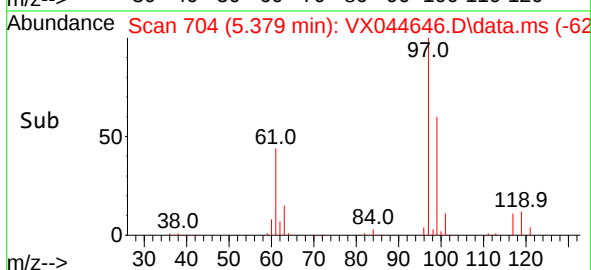
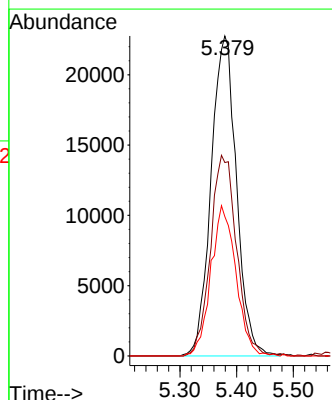
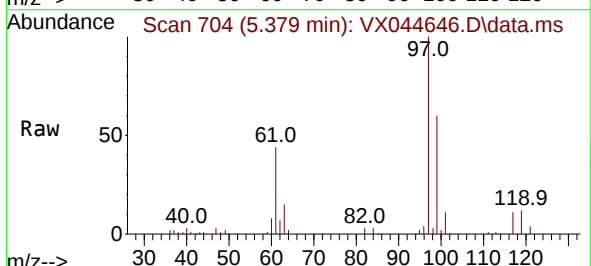
Instrument :
MSVOA_X
ClientSampleId :

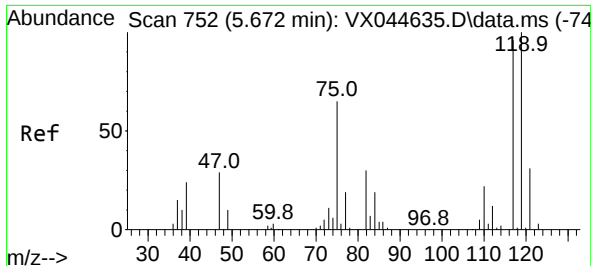
Tgt Ion: 77 Resp: 58870
Ion Ratio Lower Upper
77 100
97 21.4 9.3 13.9#



#32
1,1,1-Trichloroethane
Concen: 18.605 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

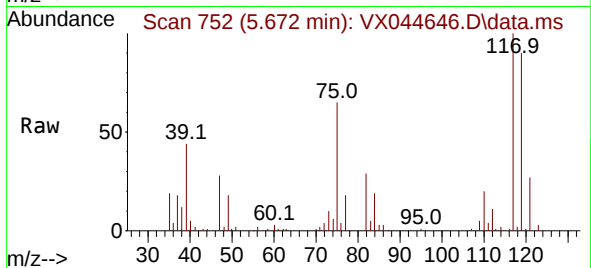
Tgt Ion: 97 Resp: 70868
Ion Ratio Lower Upper
97 100
99 64.4 50.2 75.4
61 46.0 37.4 56.0



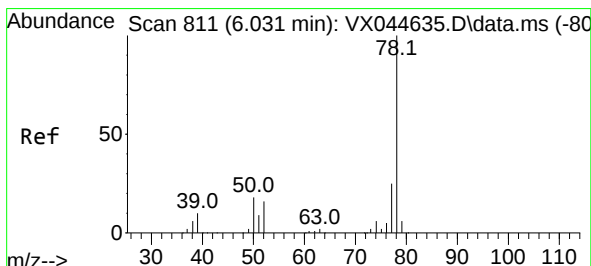
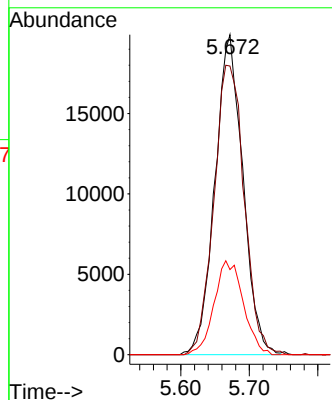
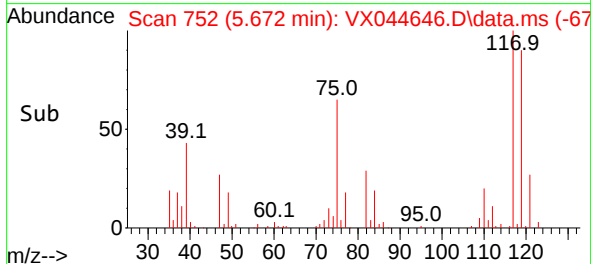


#33
Carbon Tetrachloride
Concen: 18.161 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :

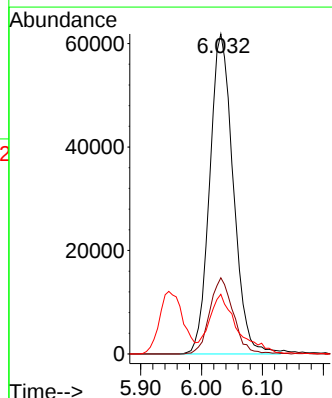
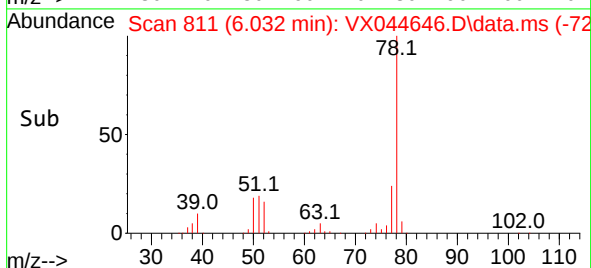
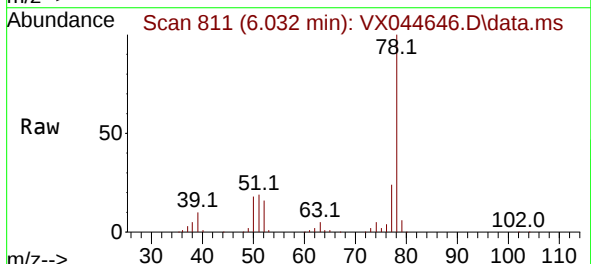


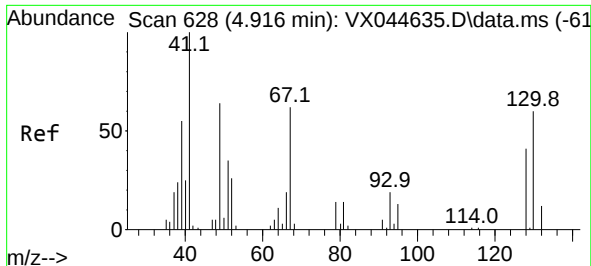
Tgt Ion:117 Resp: 56337
Ion Ratio Lower Upper
117 100
119 90.2 83.0 124.6
121 26.6 25.6 38.4



#34
Benzene
Concen: 19.299 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 78 Resp: 165999
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.6
51 18.1 14.5 21.7



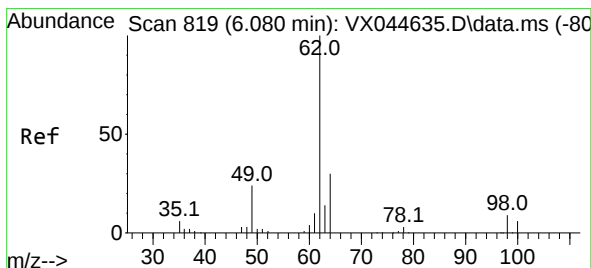
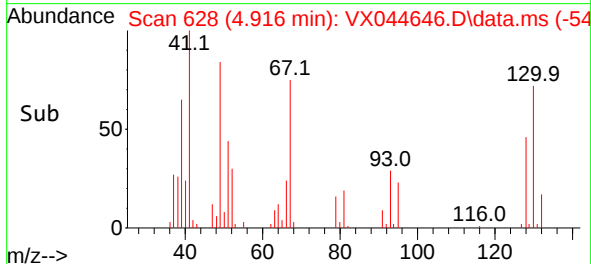
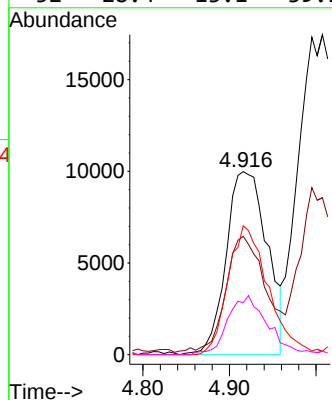
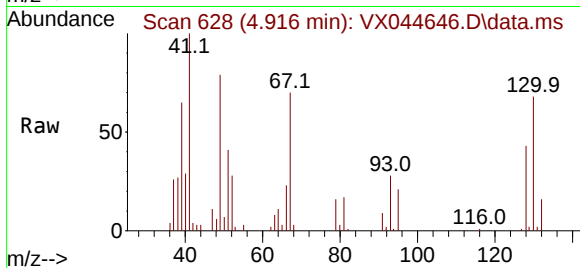


#35
Methacrylonitrile
Concen: 19.565 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 32954

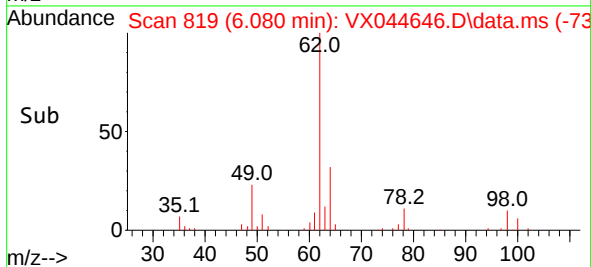
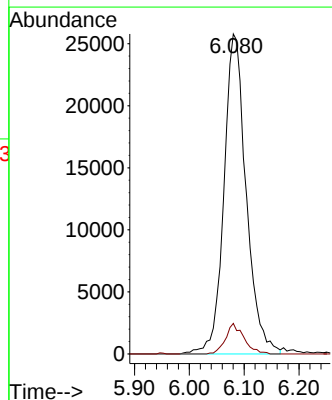
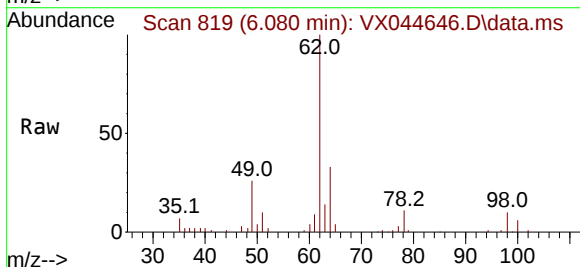
Ion	Ratio	Lower	Upper
41	100		
39	62.7	27.7	83.0
67	70.4	31.1	93.3
52	28.4	13.1	39.1

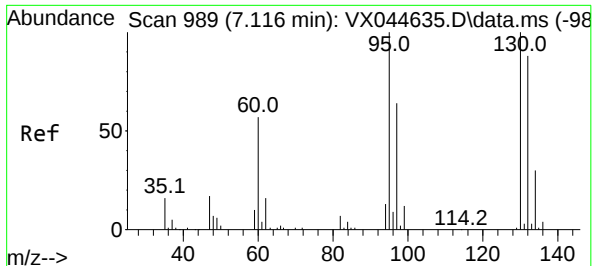


#36
1,2-Dichloroethane
Concen: 20.249 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 62 Resp: 72789

Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.7	10.1





#37

Trichloroethene

Concen: 18.661 ug/l

RT: 7.117 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

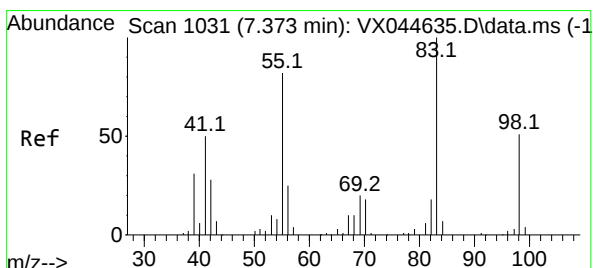
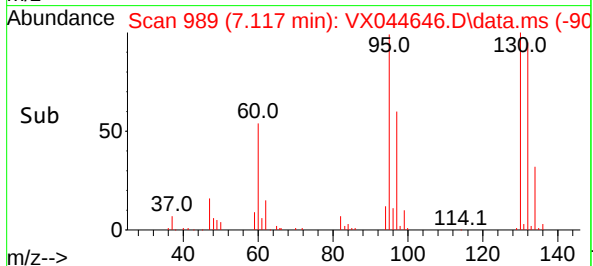
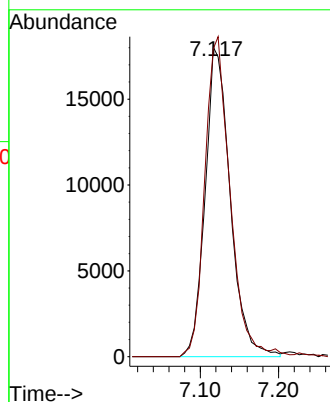
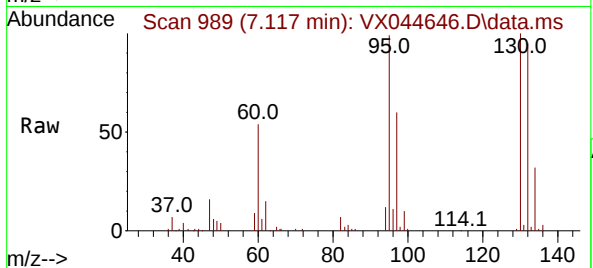
ClientSampleId :

Tgt Ion:130 Resp: 40128

Ion Ratio Lower Upper

130 100

95 99.4 80.2 120.4



#38

Methylcyclohexane

Concen: 18.103 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

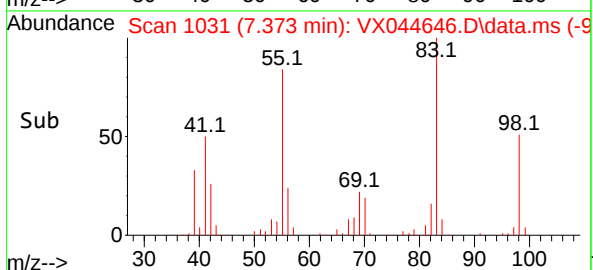
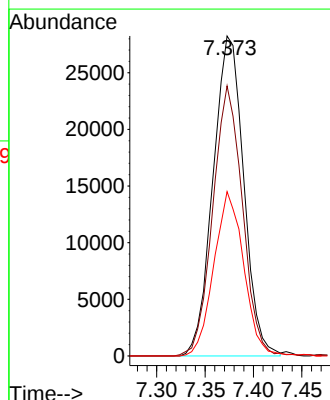
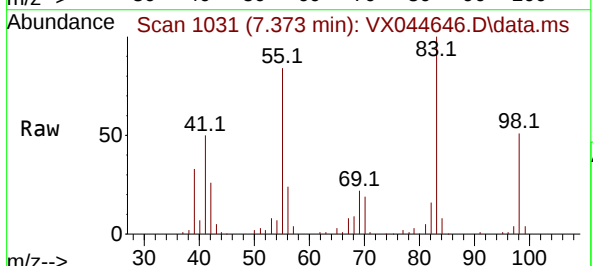
Tgt Ion: 83 Resp: 62275

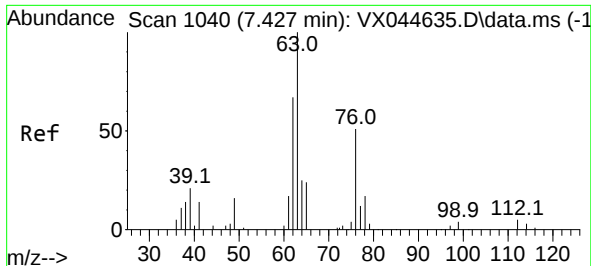
Ion Ratio Lower Upper

83 100

55 81.6 40.0 120.0

98 50.1 24.4 73.2





#39

1,2-Dichloropropane

Concen: 18.706 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

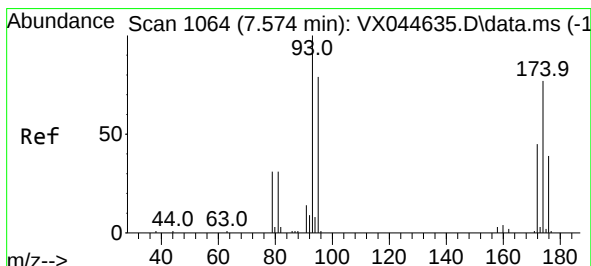
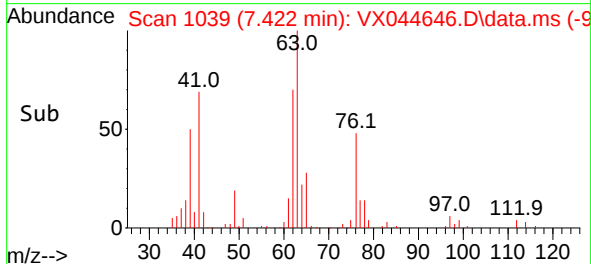
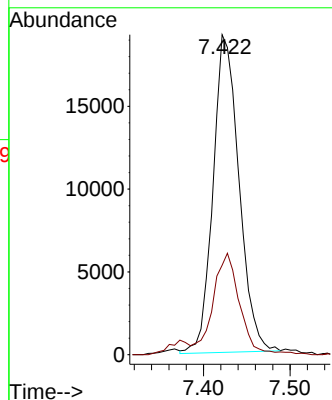
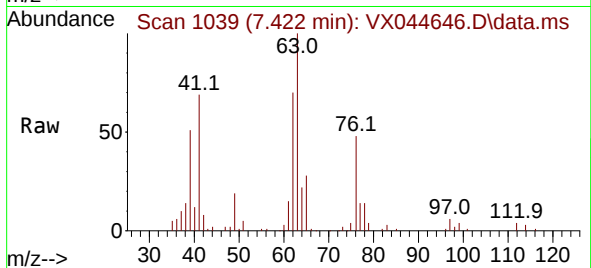
ClientSampleId :

Tgt Ion: 63 Resp: 39984

Ion Ratio Lower Upper

63 100

65 27.4 21.4 32.0



#40

Dibromomethane

Concen: 19.424 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

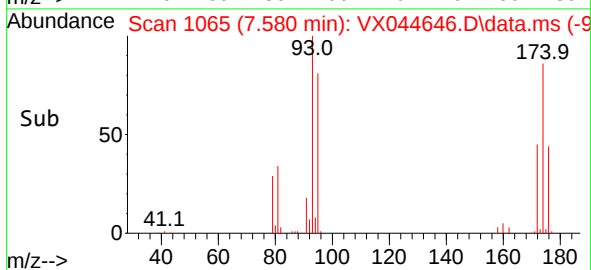
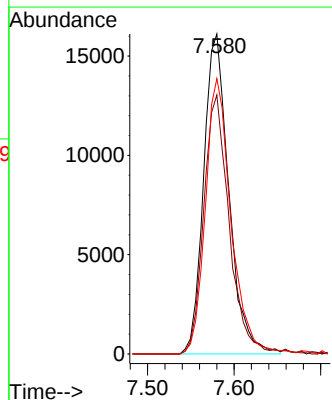
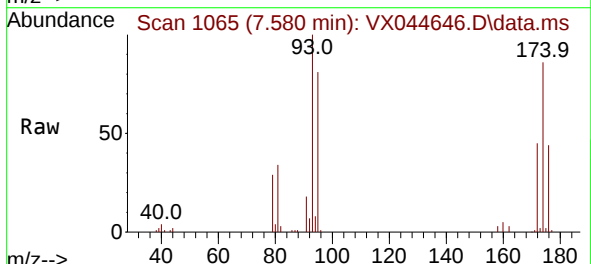
Tgt Ion: 93 Resp: 32565

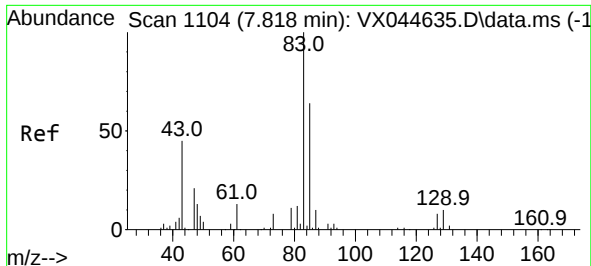
Ion Ratio Lower Upper

93 100

95 81.0 0.0 165.2

174 87.6 0.0 176.2

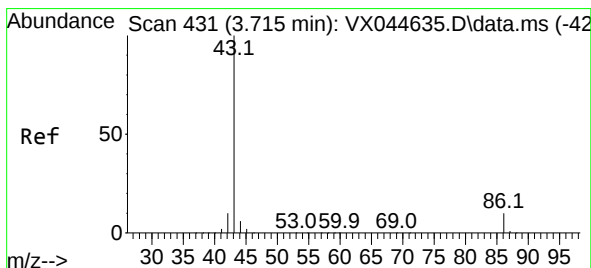
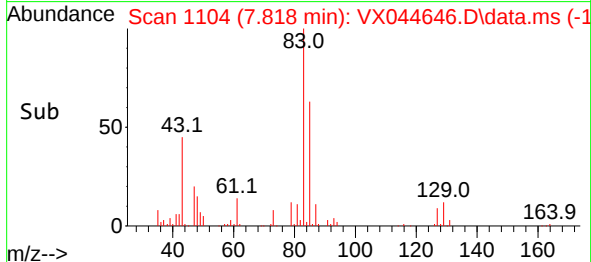
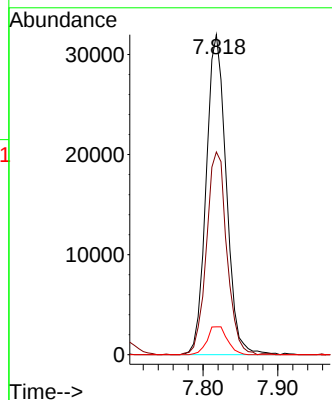
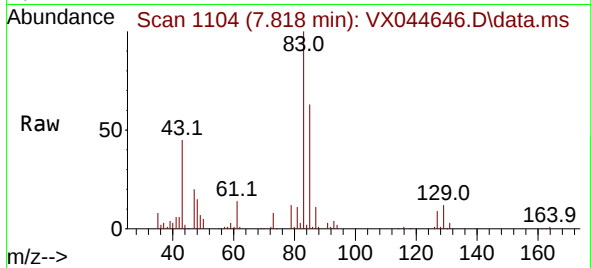




#41
Bromodichloromethane
Concen: 18.924 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

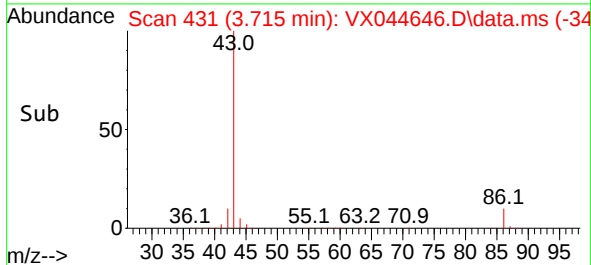
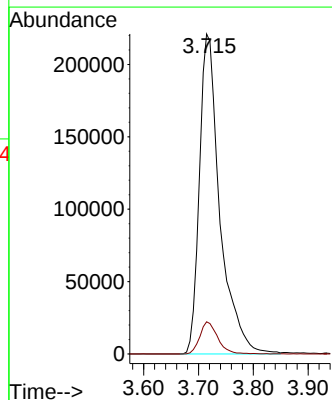
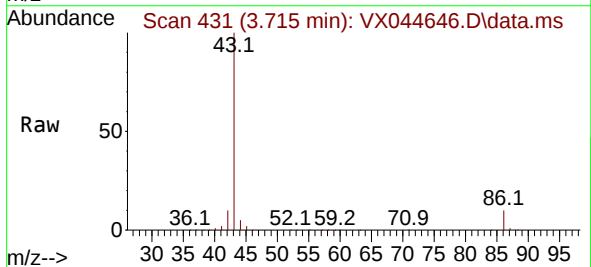
Instrument :
MSVOA_X
ClientSampleId :

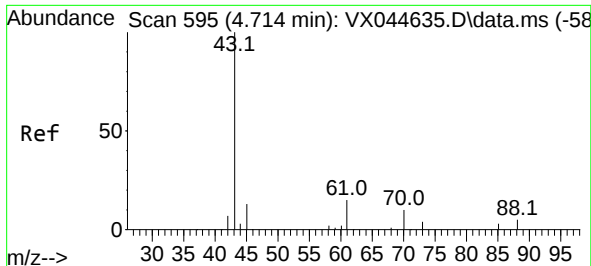
Tgt Ion: 83 Resp: 59585
Ion Ratio Lower Upper
83 100
85 63.3 50.8 76.2
127 8.7 6.6 9.8



#42
Vinyl Acetate
Concen: 95.083 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 43 Resp: 573191
Ion Ratio Lower Upper
43 100
86 8.8 7.1 10.7

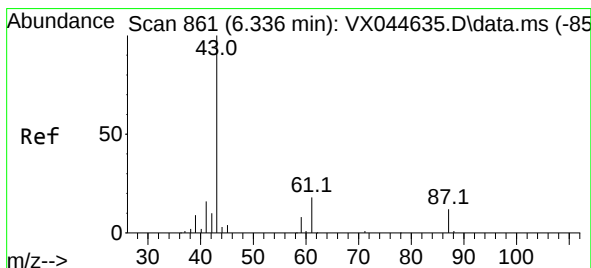
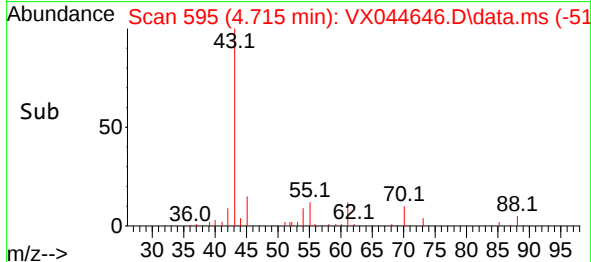
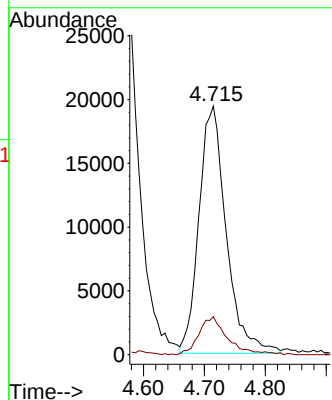
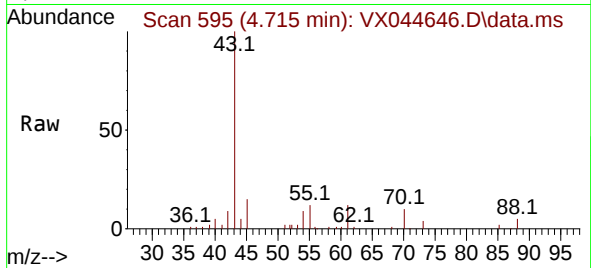




#43
Ethyl Acetate
Concen: 20.208 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

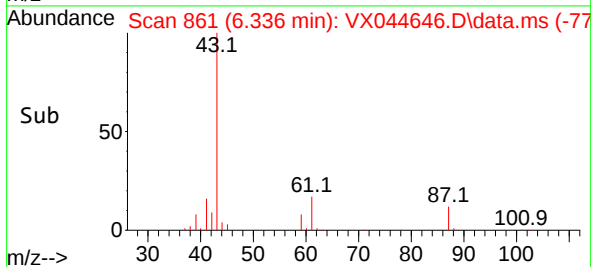
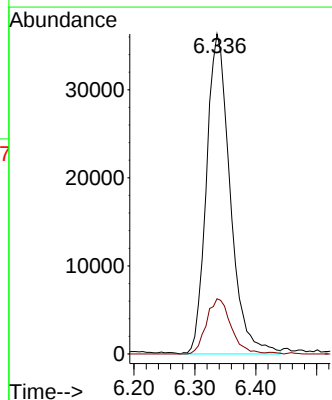
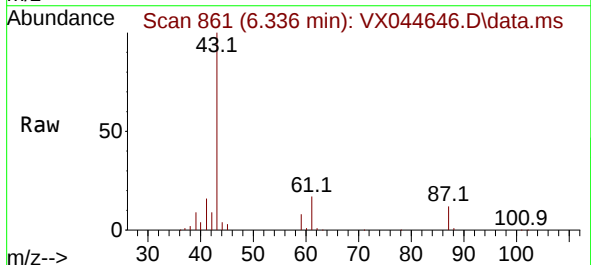
Instrument :
MSVOA_X
ClientSampleId :

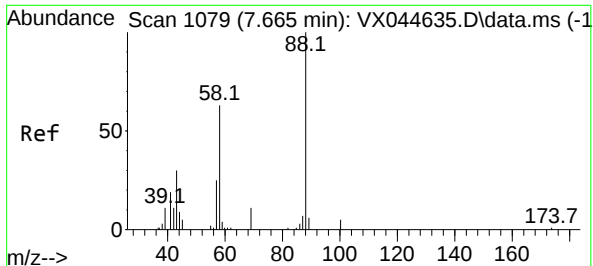
Tgt Ion: 43 Resp: 60276
Ion Ratio Lower Upper
43 100
45 14.8 6.7 10.1#



#44
Isopropyl Acetate
Concen: 19.805 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 43 Resp: 98194
Ion Ratio Lower Upper
43 100
61 17.8 14.2 21.2





#45

1,4-Dioxane

Concen: 433.944 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

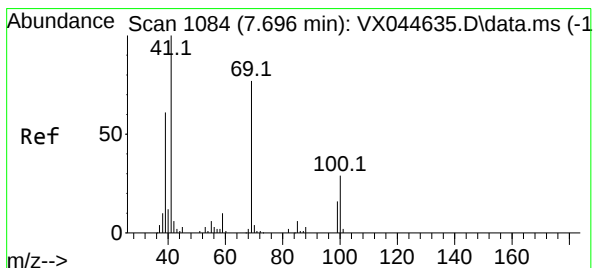
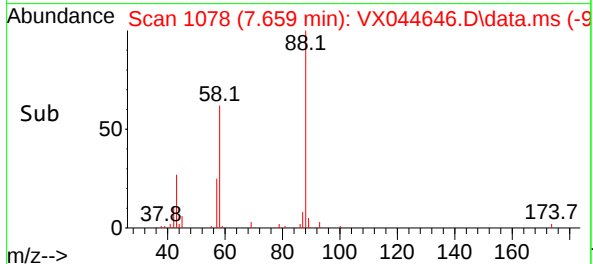
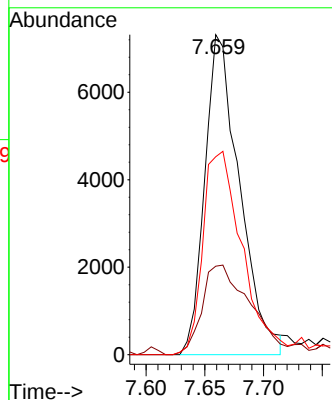
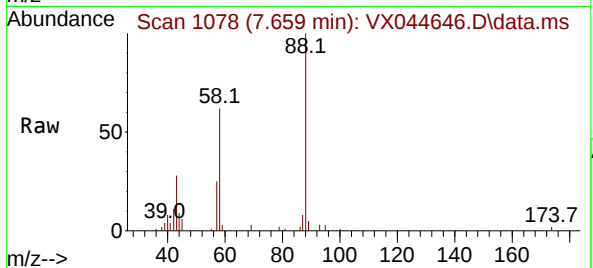
Tgt Ion: 88 Resp: 15075

Ion Ratio Lower Upper

88 100

43 38.3 31.0 46.4

58 71.4 56.6 84.8



#46

Methyl methacrylate

Concen: 19.749 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

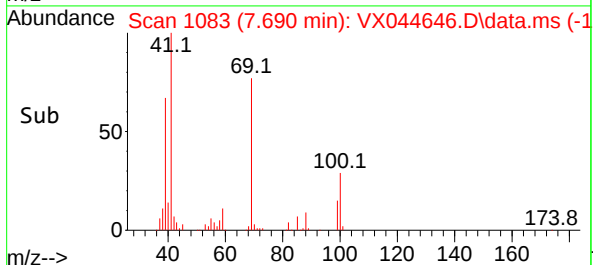
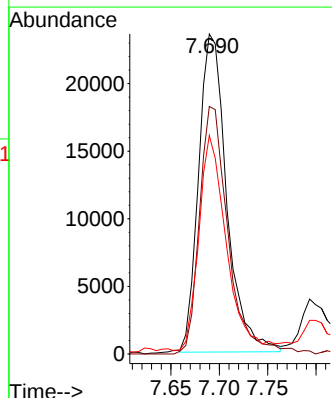
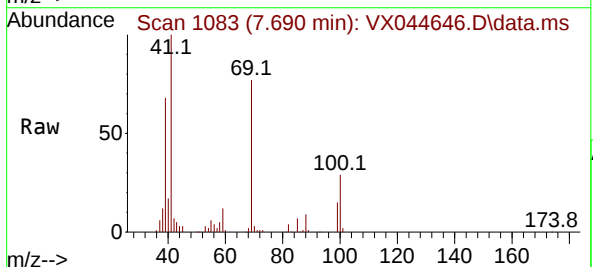
Tgt Ion: 41 Resp: 47737

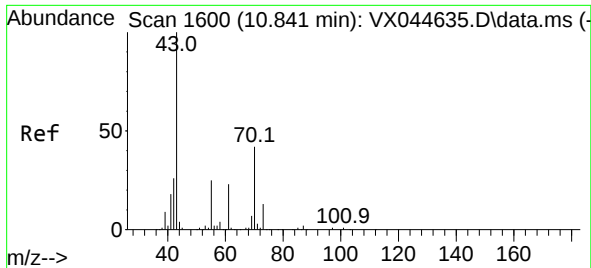
Ion Ratio Lower Upper

41 100

69 77.4 38.6 115.8

39 67.7 30.7 92.1

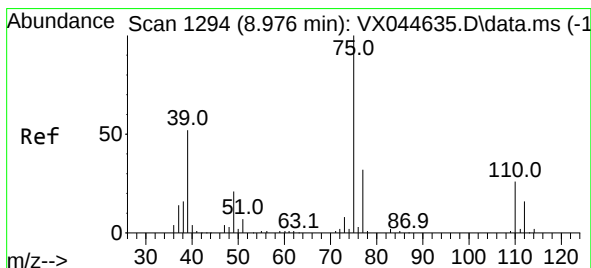
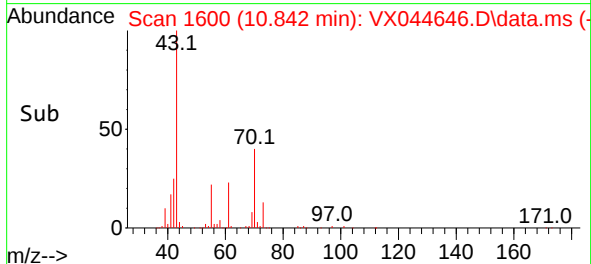
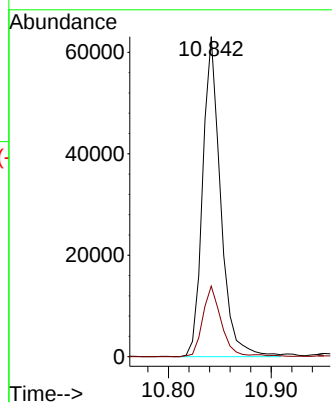
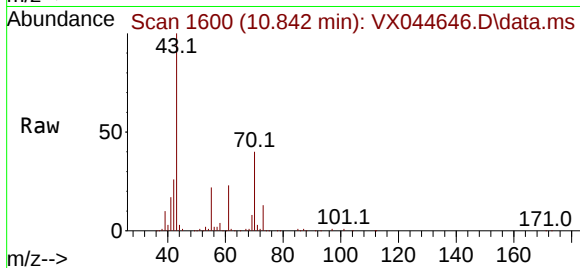




#47
n-amy1 Acetate
Concen: 19.116 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

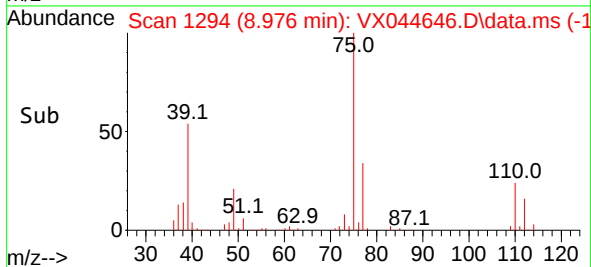
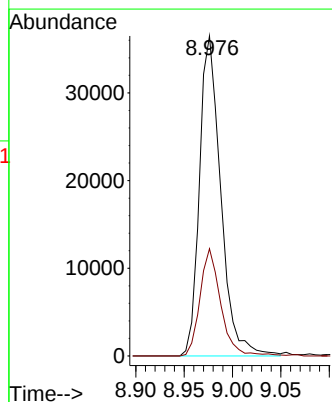
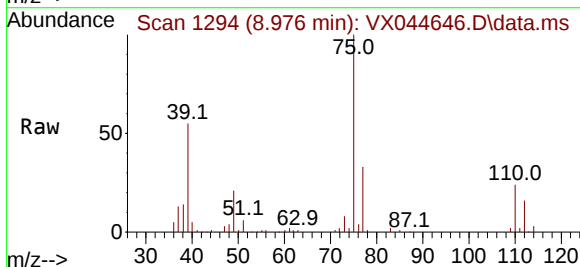
Instrument :
MSVOA_X
ClientSampleId :

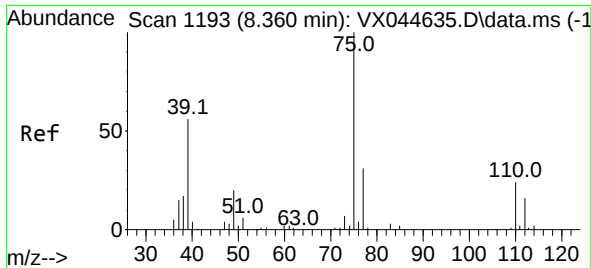
Tgt Ion: 43 Resp: 76850
Ion Ratio Lower Upper
43 100
55 22.3 19.7 29.5



#48
t-1,3-Dichloropropene
Concen: 18.398 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 75 Resp: 56070
Ion Ratio Lower Upper
75 100
77 33.5 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 17.711 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

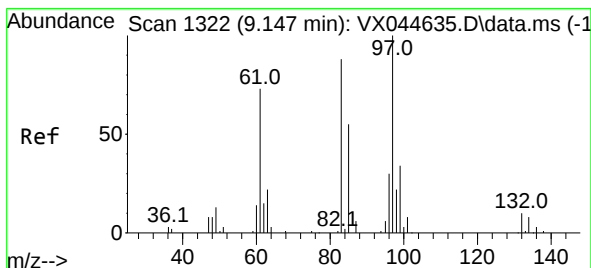
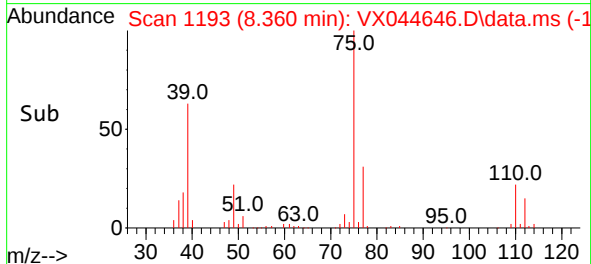
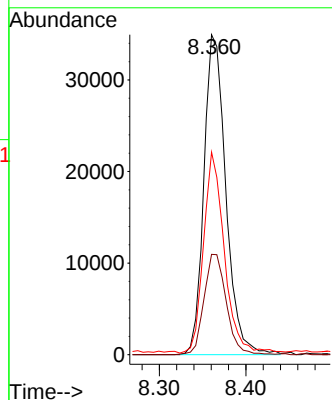
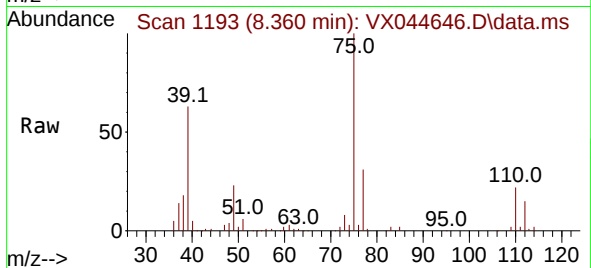
Tgt Ion: 75 Resp: 61622

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 62.8 44.8 67.2



#50

1,1,2-Trichloroethane

Concen: 19.954 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Tgt Ion: 97 Resp: 42407

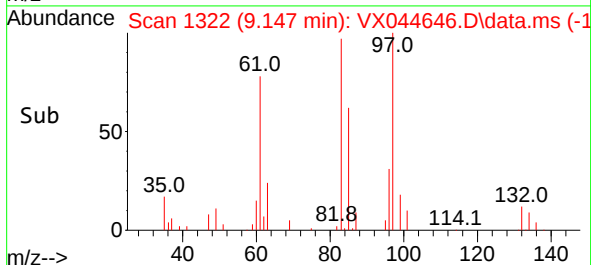
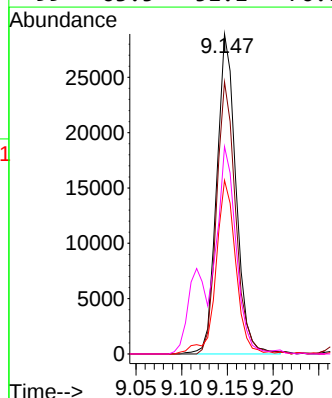
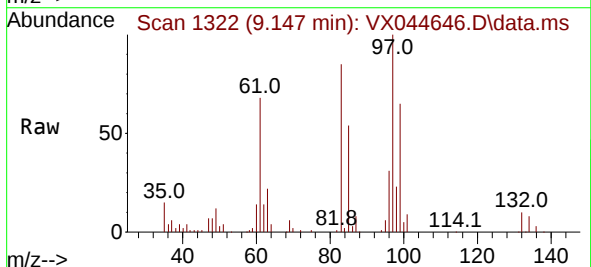
Ion Ratio Lower Upper

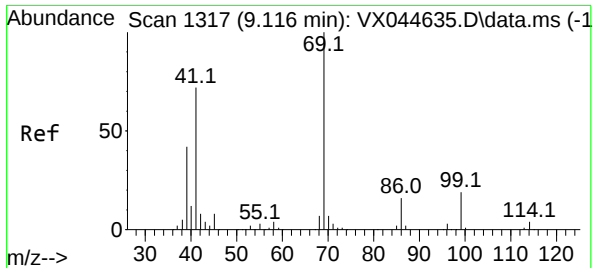
97 100

83 85.0 70.5 105.7

85 53.7 45.4 68.2

99 63.5 51.1 76.7

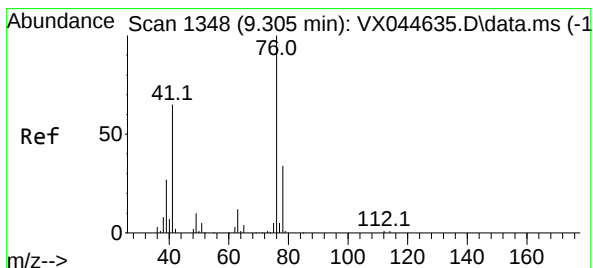
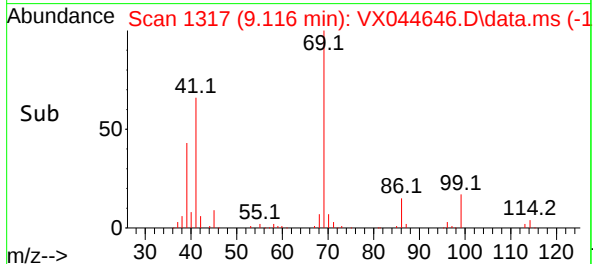
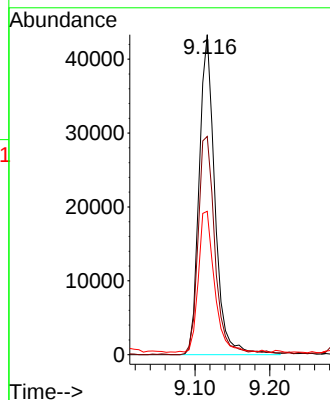
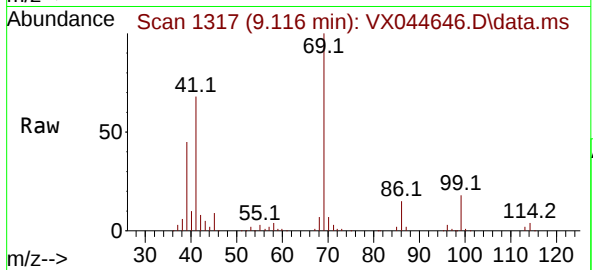




#51
Ethyl methacrylate
Concen: 19.523 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

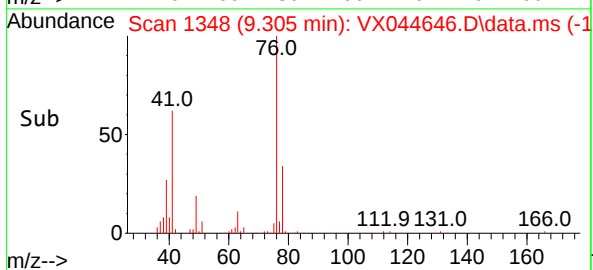
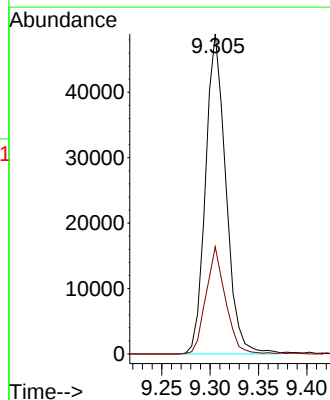
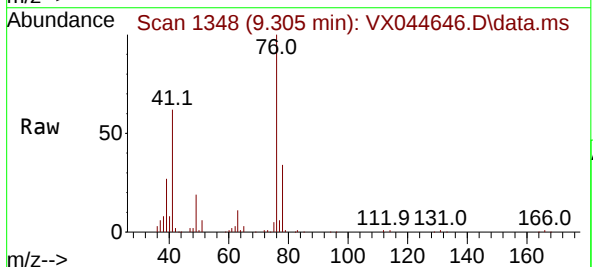
Instrument :
MSVOA_X
ClientSampleId :

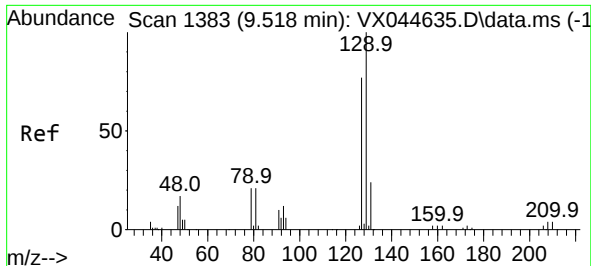
Tgt Ion: 69 Resp: 63375
Ion Ratio Lower Upper
69 100
41 68.2 35.8 107.4
39 43.7 21.0 63.0



#52
1,3-Dichloropropane
Concen: 19.731 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 76 Resp: 71861
Ion Ratio Lower Upper
76 100
78 32.1 0.0 66.0

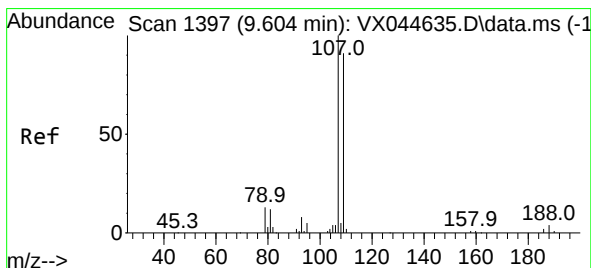
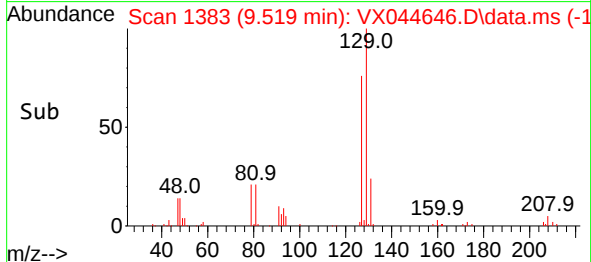
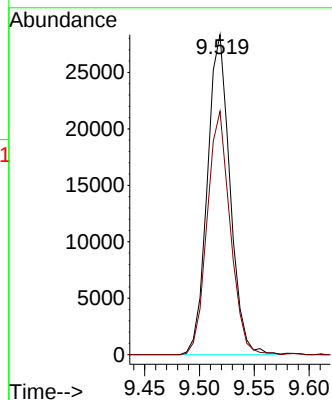
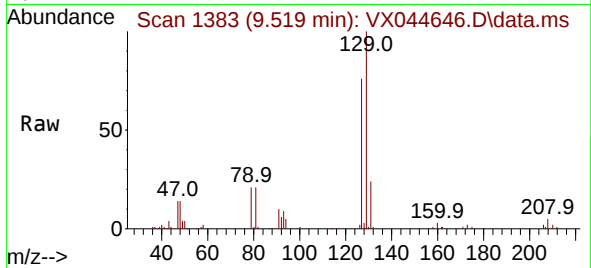




#53
 Dibromochloromethane
 Concen: 18.409 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27

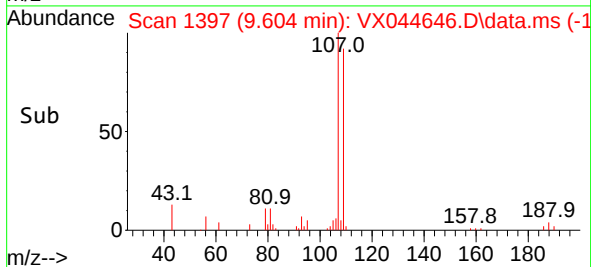
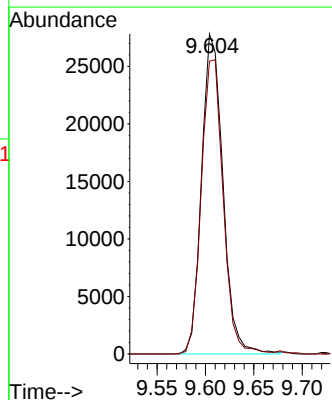
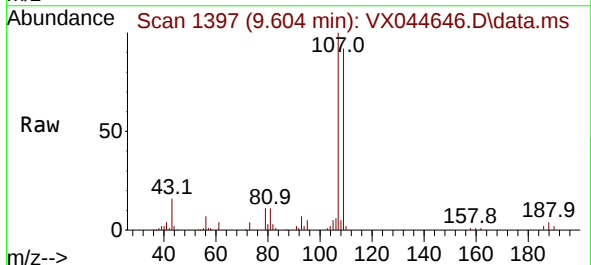
Instrument :
 MSVOA_X
 ClientSampleId :

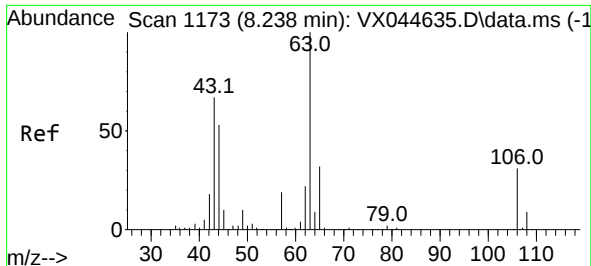
Tgt Ion:129 Resp: 40696
 Ion Ratio Lower Upper
 129 100
 127 77.2 39.0 116.9



#54
 1,2-Dibromoethane
 Concen: 19.633 ug/l
 RT: 9.604 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27

Tgt Ion:107 Resp: 42932
 Ion Ratio Lower Upper
 107 100
 109 92.9 73.9 110.9





#55

2-Chloroethyl vinyl ether

Concen: 99.258 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

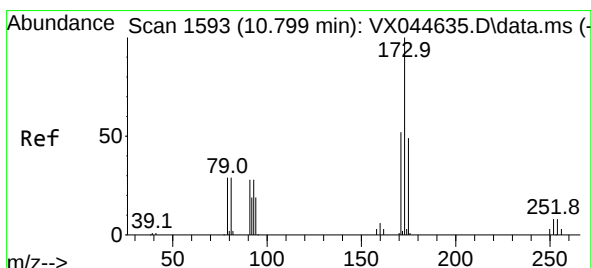
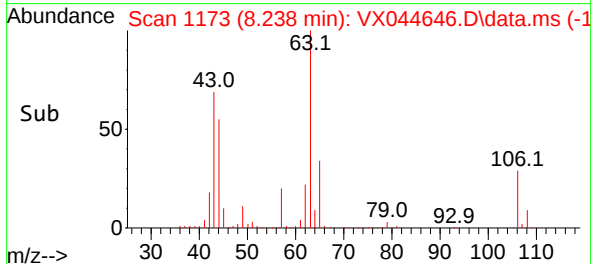
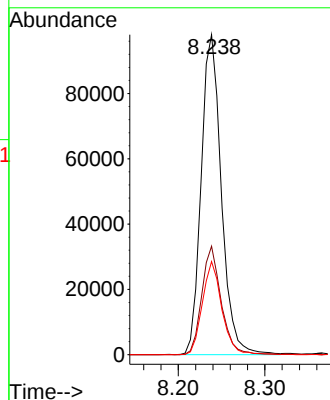
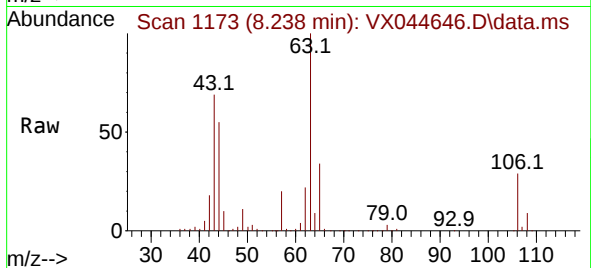
Tgt Ion: 63 Resp: 158761

Ion Ratio Lower Upper

63 100

65 32.2 26.1 39.1

106 28.2 22.6 33.8



#56

Bromoform

Concen: 17.298 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

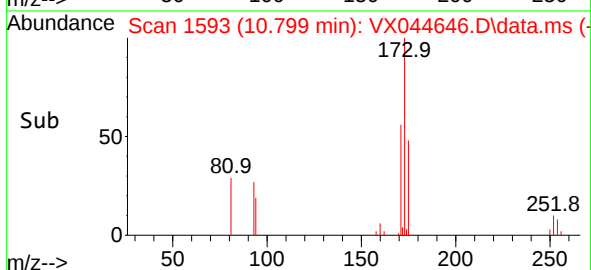
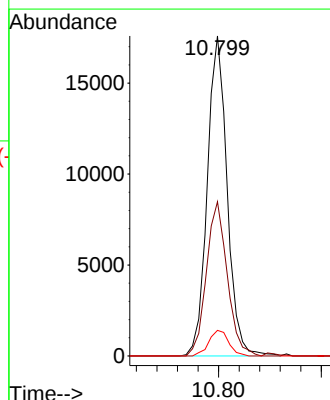
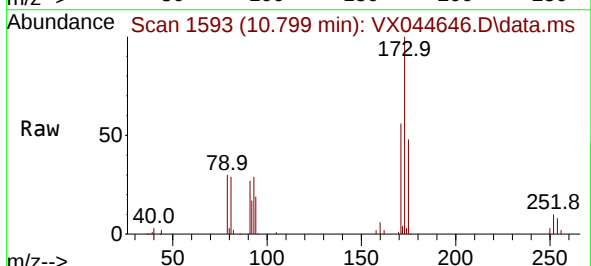
Tgt Ion:173 Resp: 23583

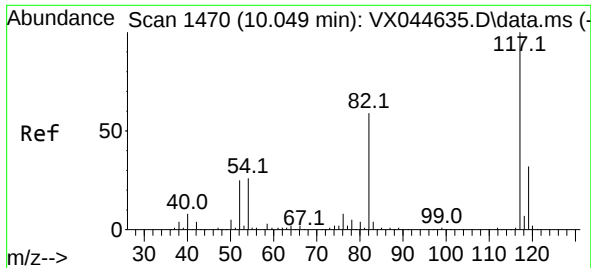
Ion Ratio Lower Upper

173 100

175 50.6 39.1 58.7

254 8.0 5.8 8.8

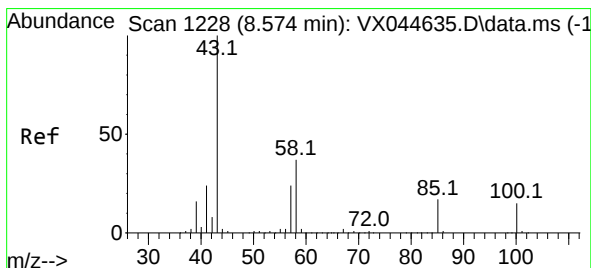
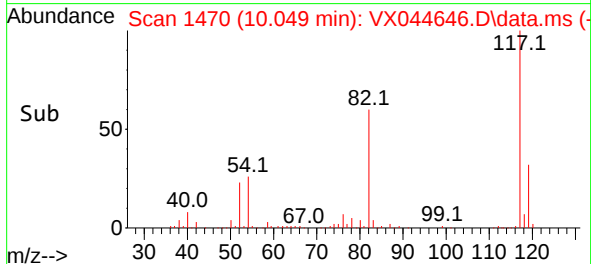
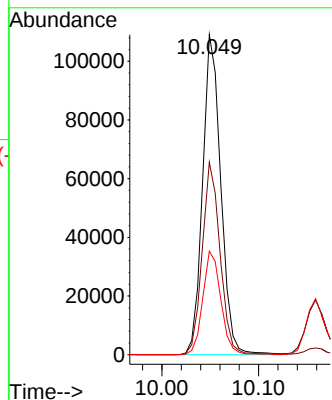
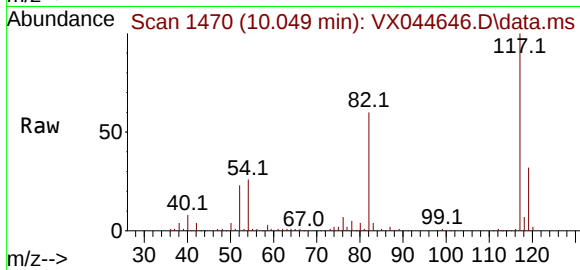




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

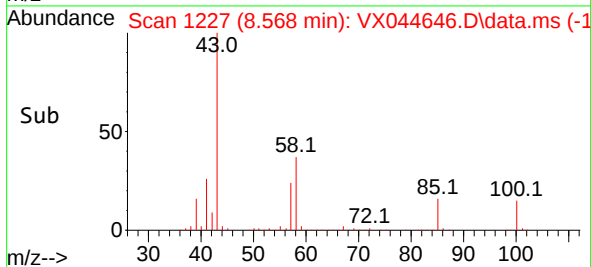
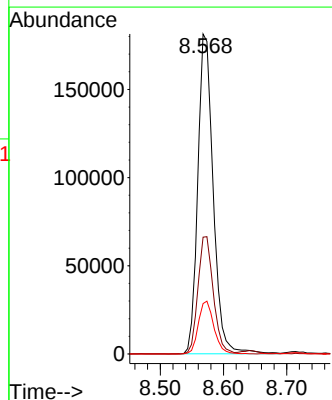
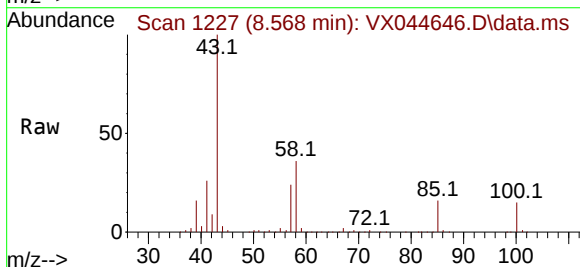
Instrument :
MSVOA_X
ClientSampleId :

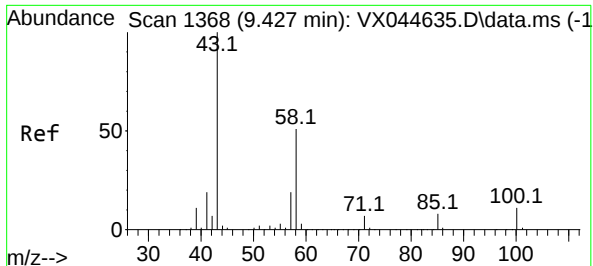
Tgt Ion:117 Resp: 142943
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.0 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 105.706 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 43 Resp: 308157
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0
85 16.7 13.4 20.2





#59

2-Hexanone

Concen: 108.363 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

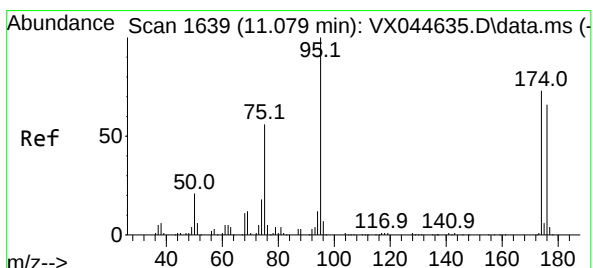
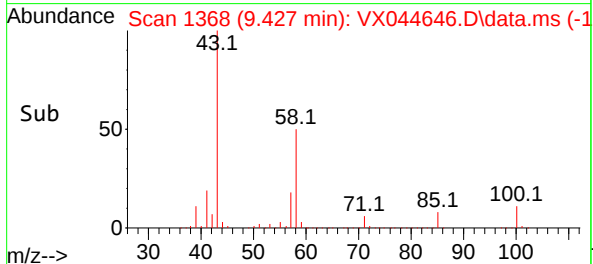
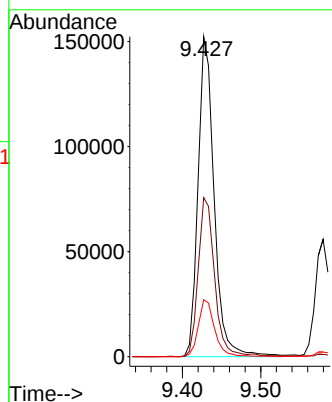
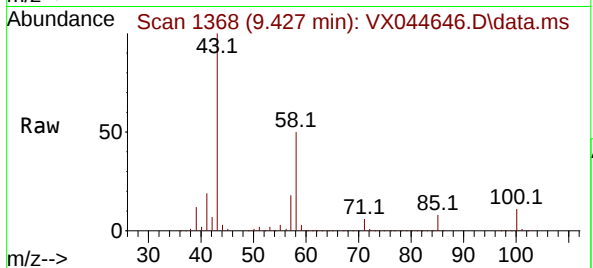
Tgt Ion: 43 Resp: 218181

Ion Ratio Lower Upper

43 100

58 50.1 40.8 61.2

57 18.0 15.2 22.8



#60

4-Bromofluorobenzene

Concen: 30.906 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

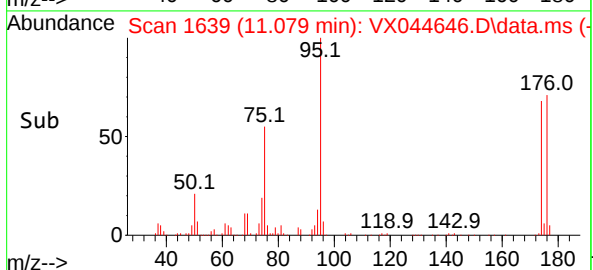
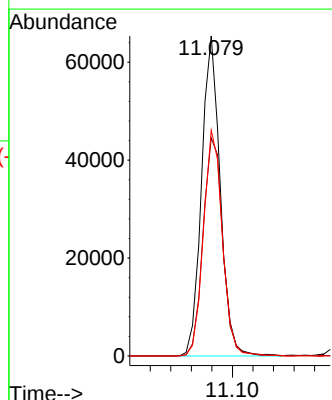
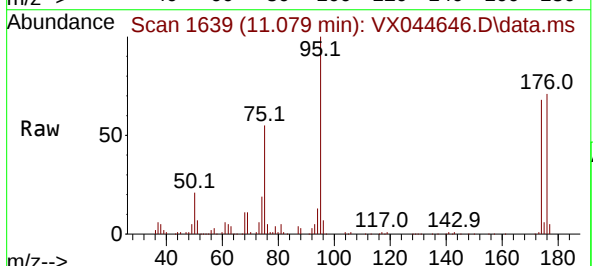
Tgt Ion: 95 Resp: 82479

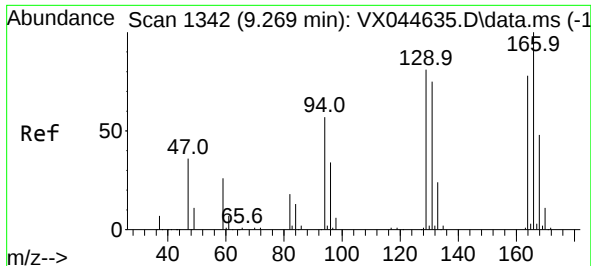
Ion Ratio Lower Upper

95 100

174 71.9 58.6 88.0

176 71.5 55.2 82.8

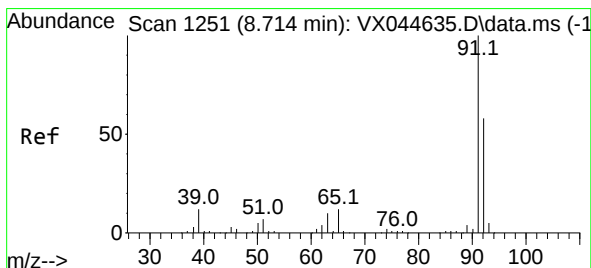
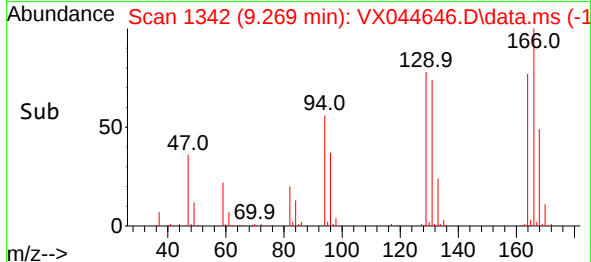
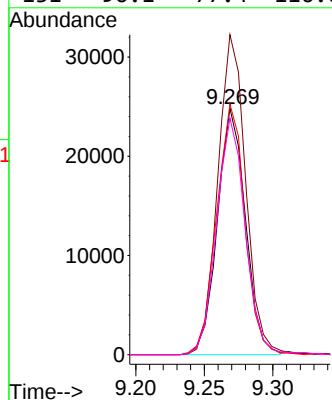
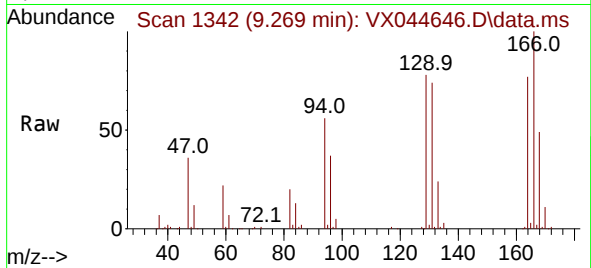




#61
Tetrachloroethene
Concen: 19.197 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

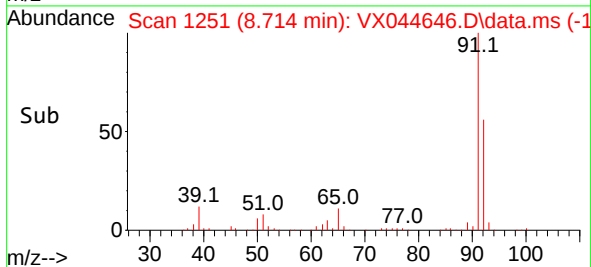
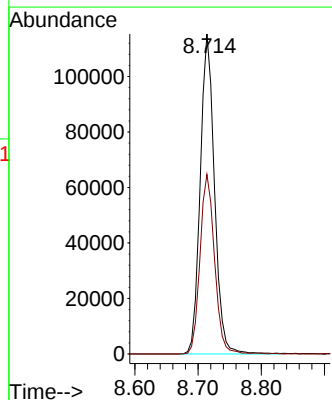
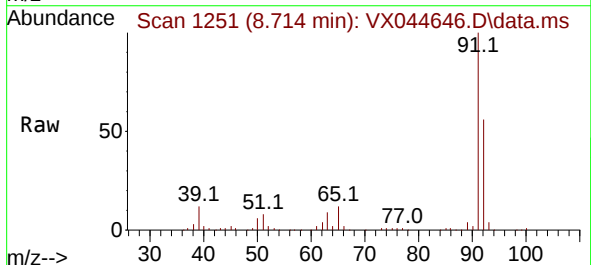
Instrument :
MSVOA_X
ClientSampleId :

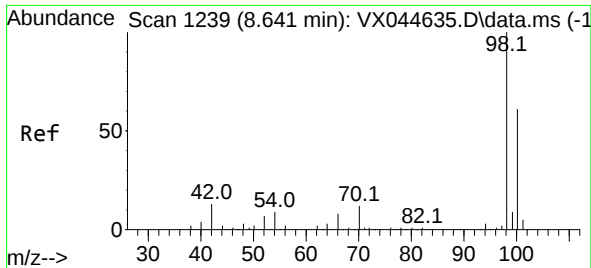
Tgt Ion:164 Resp: 35253
Ion Ratio Lower Upper
164 100
166 130.0 102.7 154.1
129 101.8 83.6 125.4
131 96.1 77.4 116.0



#62
Toluene
Concen: 19.255 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 91 Resp: 181120
Ion Ratio Lower Upper
91 100
92 56.8 46.4 69.6

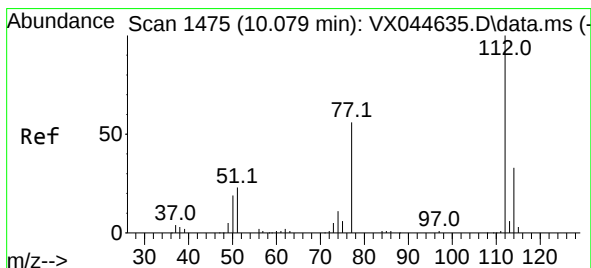
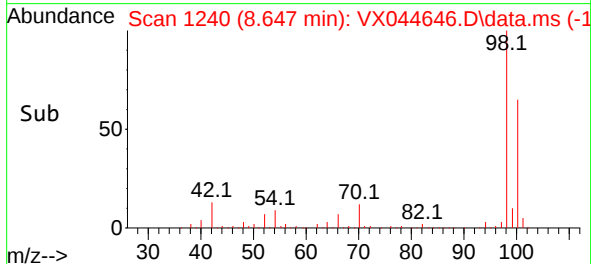
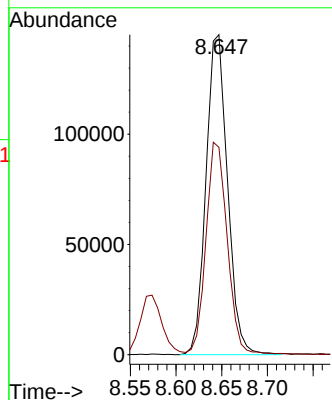
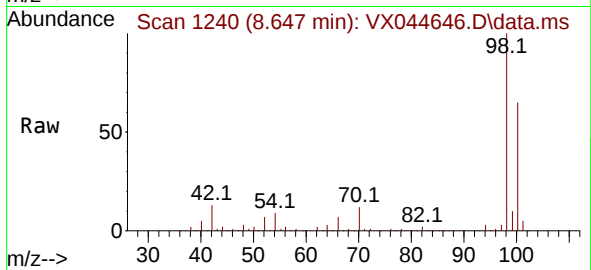




#63
Toluene-d8
Concen: 29.747 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

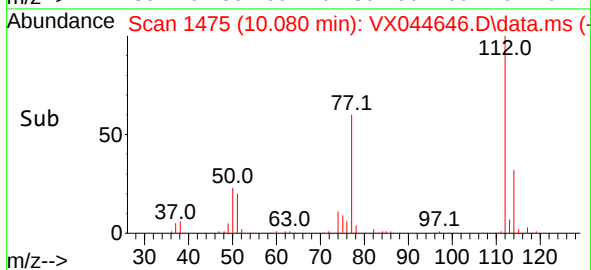
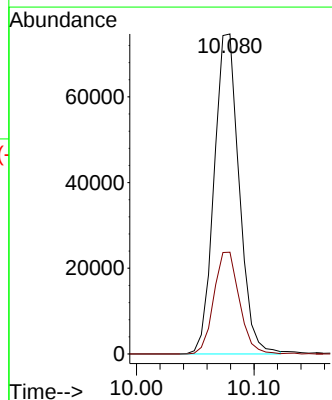
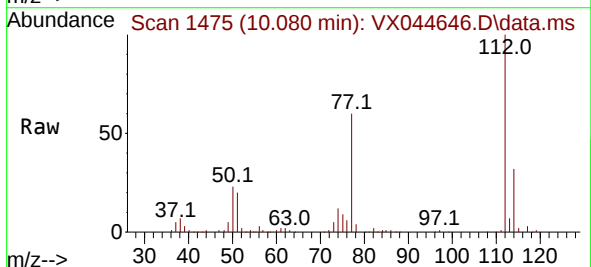
Instrument :
MSVOA_X
ClientSampleId :

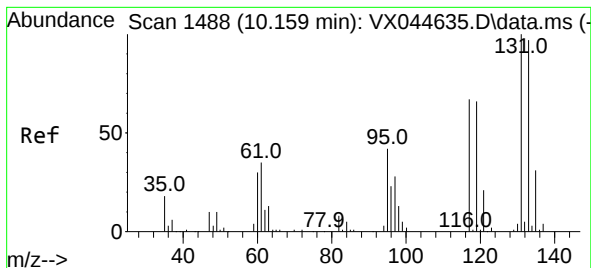
Tgt Ion: 98 Resp: 237747
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



#64
Chlorobenzene
Concen: 18.954 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 112 Resp: 110678
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.151 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

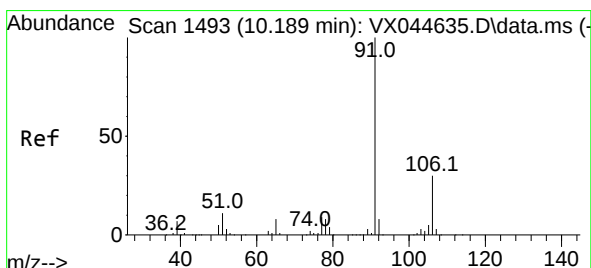
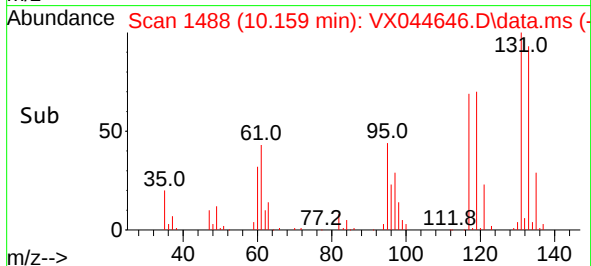
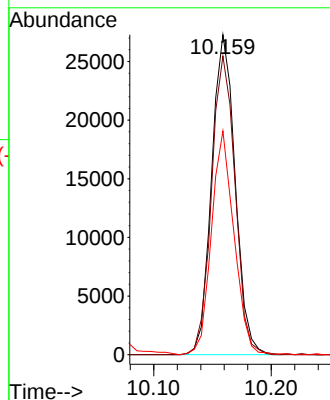
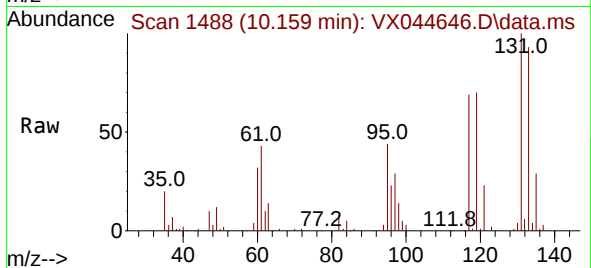
Tgt Ion:131 Resp: 37967

Ion Ratio Lower Upper

131 100

133 93.5 0.0 194.0

119 66.9 0.0 132.0



#66

Ethyl Benzene

Concen: 19.536 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044646.D

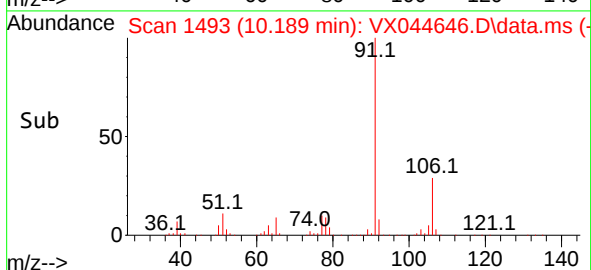
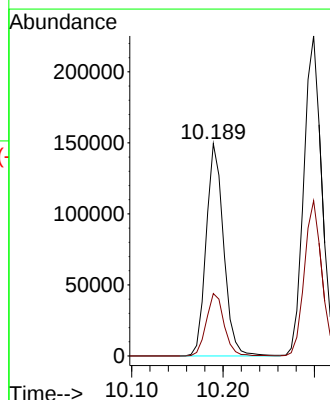
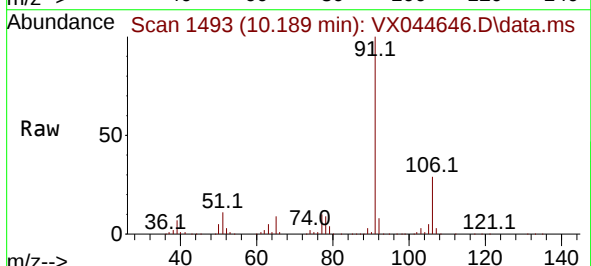
Acq: 09 Jan 2025 05:27

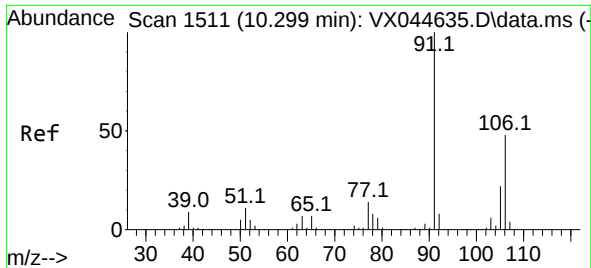
Tgt Ion: 91 Resp: 197599

Ion Ratio Lower Upper

91 100

106 29.4 24.1 36.1

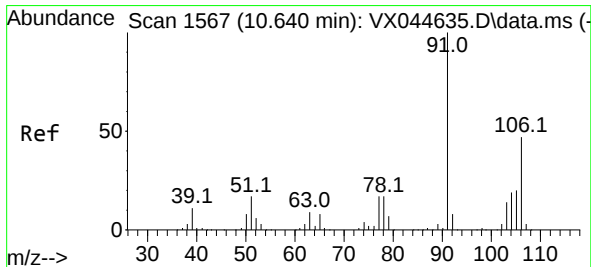
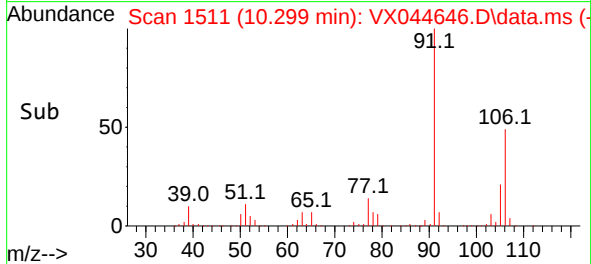
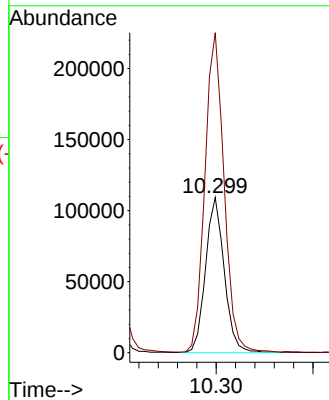
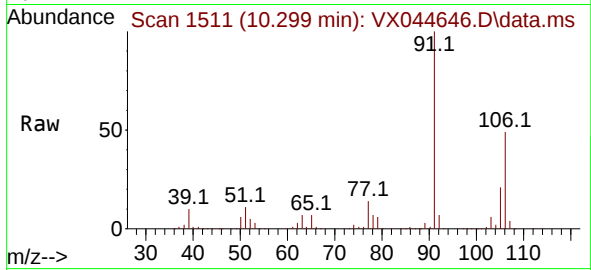




#67
m/p-Xylenes
Concen: 38.792 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

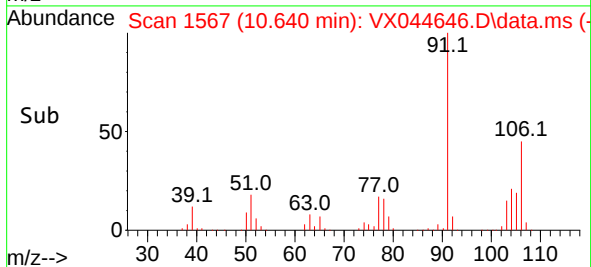
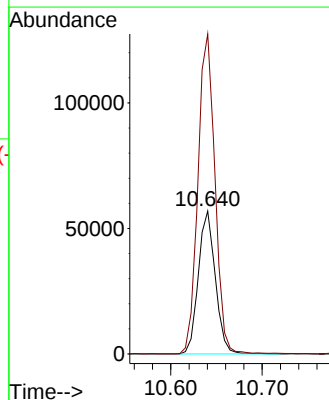
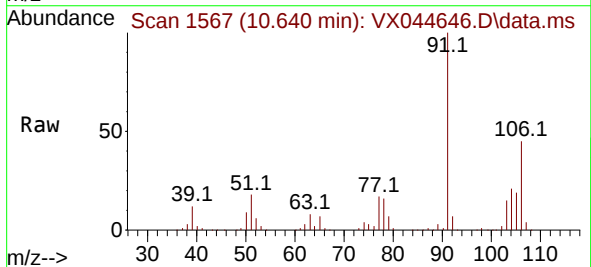
Instrument :
MSVOA_X
ClientSampleId :

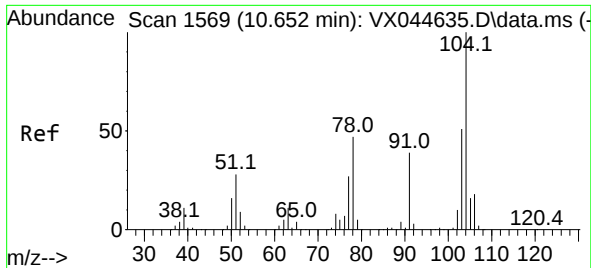
Tgt Ion:106 Resp: 147529
Ion Ratio Lower Upper
106 100
91 210.9 167.9 251.9



#68
o-Xylene
Concen: 19.836 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion:106 Resp: 73629
Ion Ratio Lower Upper
106 100
91 223.7 112.3 336.9

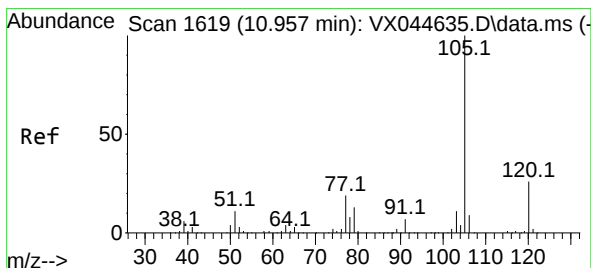
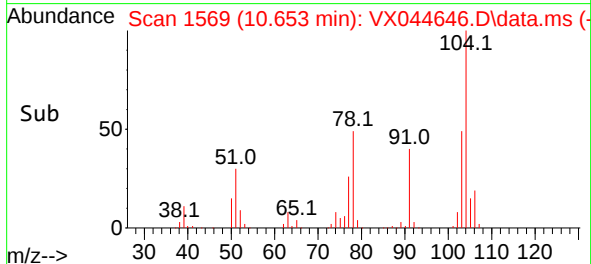
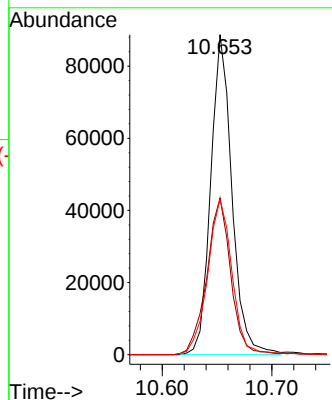
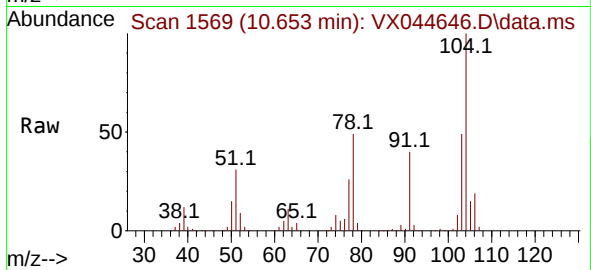




#69
Styrene
Concen: 19.375 ug/l
RT: 10.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

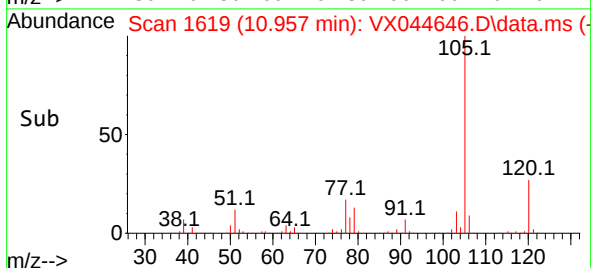
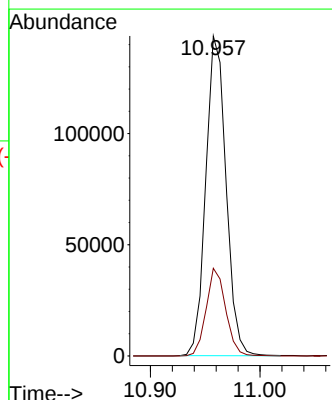
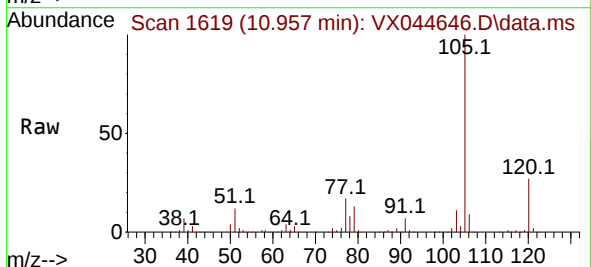
Instrument :
MSVOA_X
ClientSampleId :

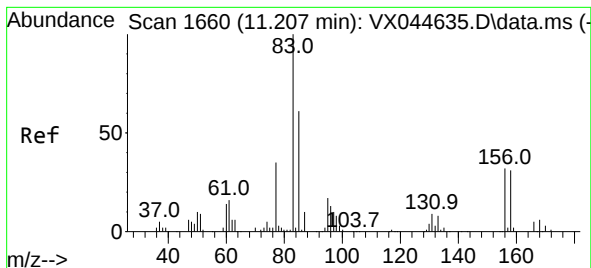
Tgt Ion:104 Resp: 119450
Ion Ratio Lower Upper
104 100
78 55.2 43.7 65.5
103 55.9 43.7 65.5



#70
Isopropylbenzene
Concen: 19.255 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion:105 Resp: 184232
Ion Ratio Lower Upper
105 100
120 26.4 17.5 32.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.440 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

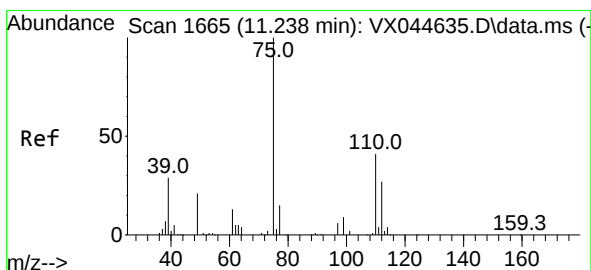
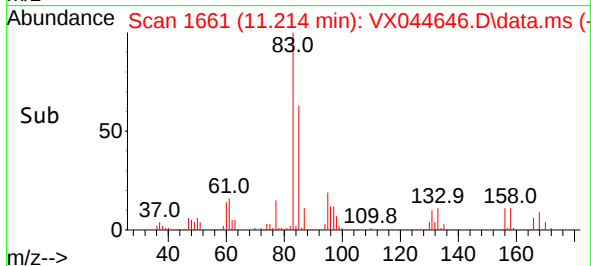
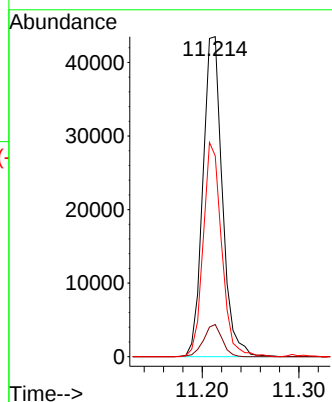
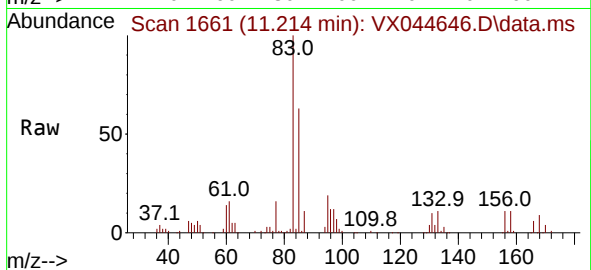
Tgt Ion: 83 Resp: 60876

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

85 63.3 32.0 96.0



#72

1,2,3-Trichloropropane

Concen: 24.251 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044646.D

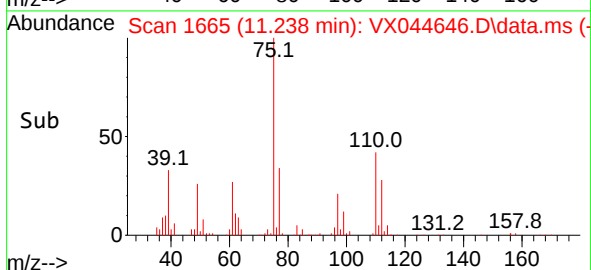
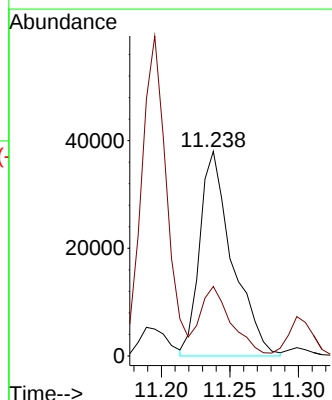
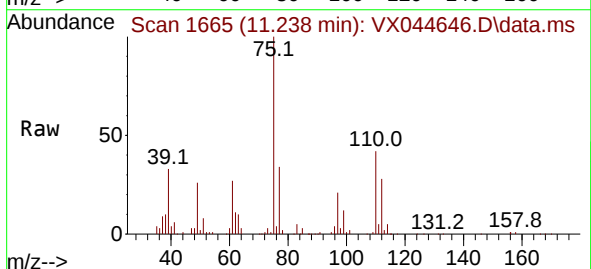
Acq: 09 Jan 2025 05:27

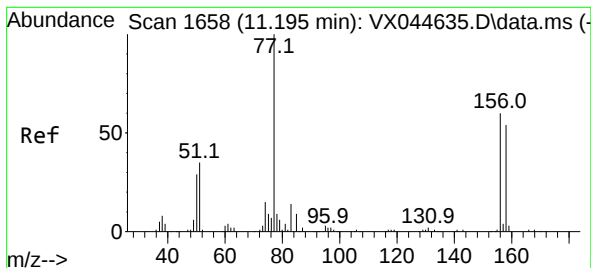
Tgt Ion: 75 Resp: 63001

Ion Ratio Lower Upper

75 100

77 32.7 0.0 78.0





#73

Bromobenzene

Concen: 19.647 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044646.D

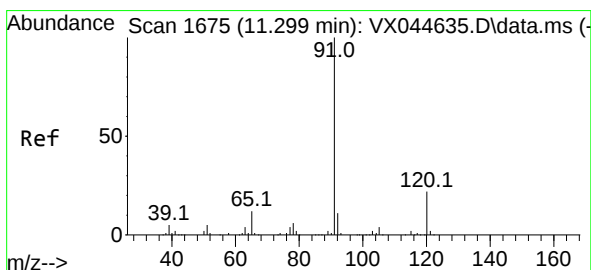
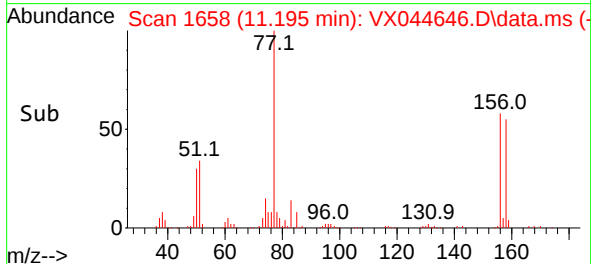
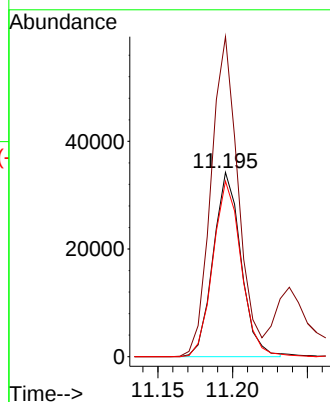
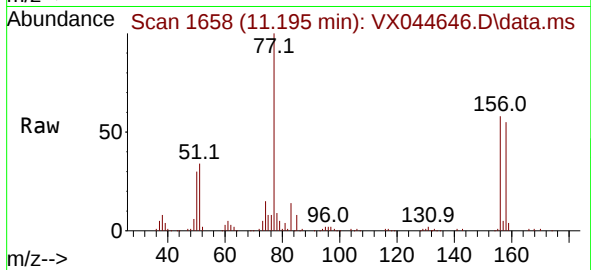
Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	156	Resp:	44189
Ion	Ratio	Lower	Upper
156	100		
77	170.1	0.0	332.6
158	97.1	0.0	187.6



#74

n-propylbenzene

Concen: 19.468 ug/l

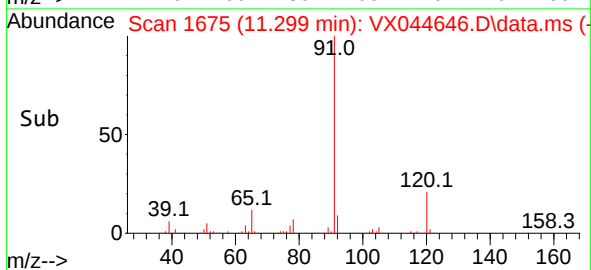
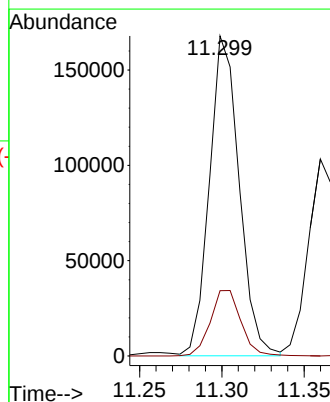
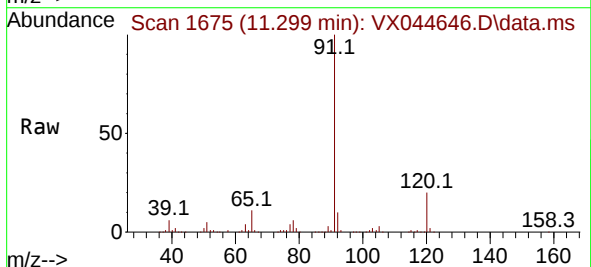
RT: 11.299 min Scan# 1675

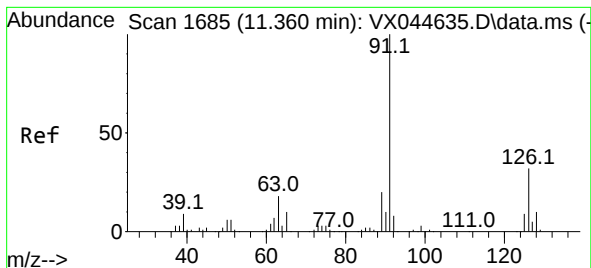
Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Tgt Ion:	91	Resp:	211137
Ion	Ratio	Lower	Upper
91	100		
120	21.1	0.0	45.0





#75

2-Chlorotoluene

Concen: 19.717 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

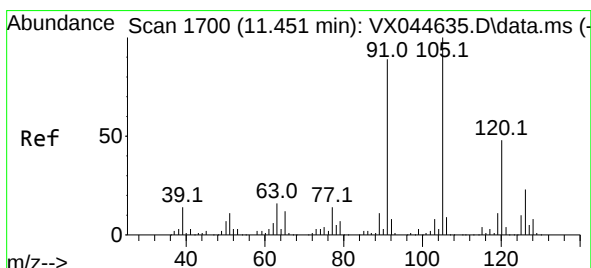
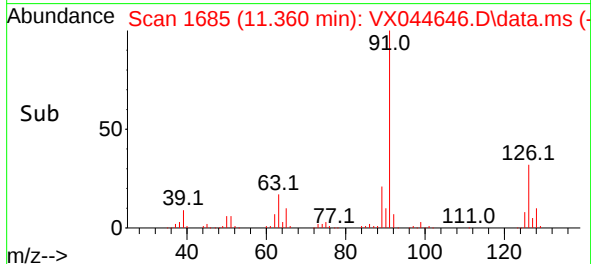
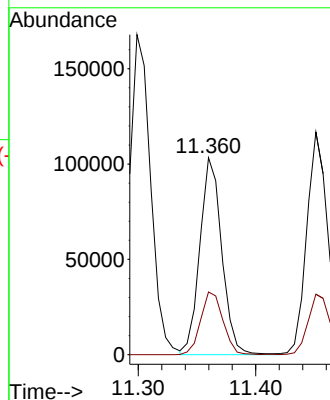
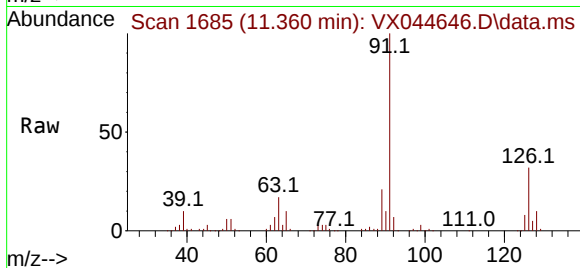
ClientSampleId :

Tgt Ion: 91 Resp: 134397

Ion Ratio Lower Upper

91 100

126 32.3 0.0 64.4



#76

1,3,5-Trimethylbenzene

Concen: 19.632 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044646.D

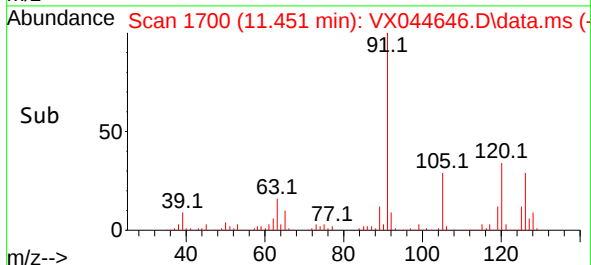
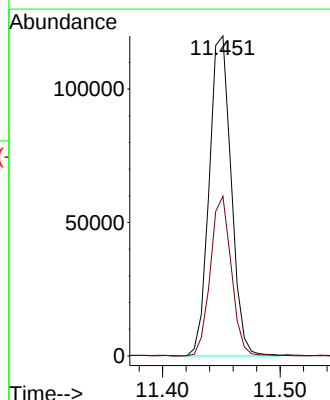
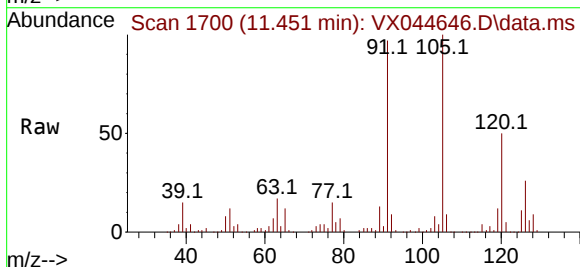
Acq: 09 Jan 2025 05:27

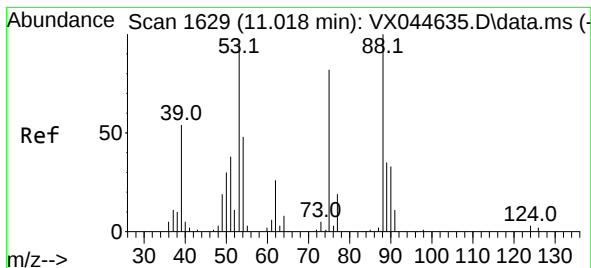
Tgt Ion: 105 Resp: 156157

Ion Ratio Lower Upper

105 100

120 47.0 0.0 94.0

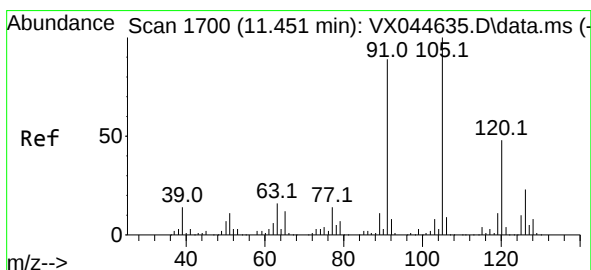
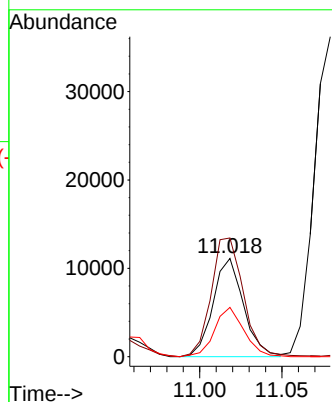
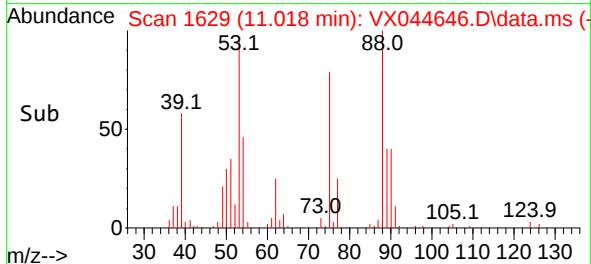
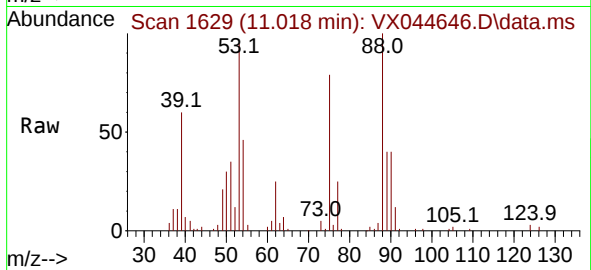




#77
t-1,4-Dichloro-2-butene
Concen: 17.381 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

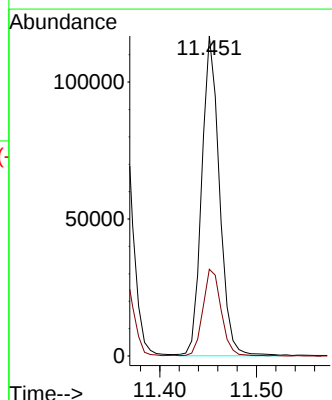
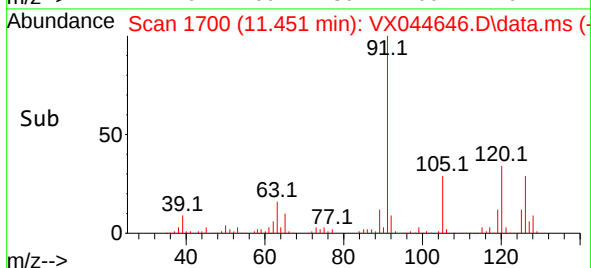
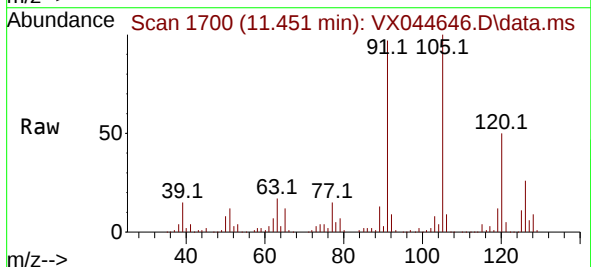
Instrument :
MSVOA_X
ClientSampleId :

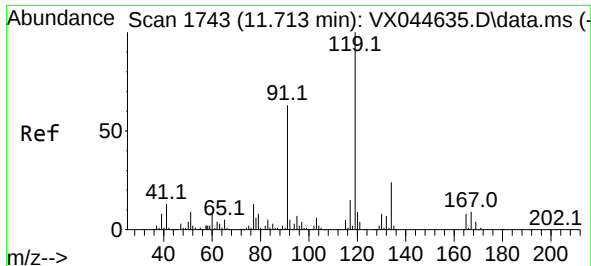
Tgt Ion: 75 Resp: 14350
Ion Ratio Lower Upper
75 100
53 120.7 57.4 172.2
89 50.2 21.3 64.0



#78
4-Chlorotoluene
Concen: 19.682 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 91 Resp: 148989
Ion Ratio Lower Upper
91 100
126 28.0 0.0 54.8

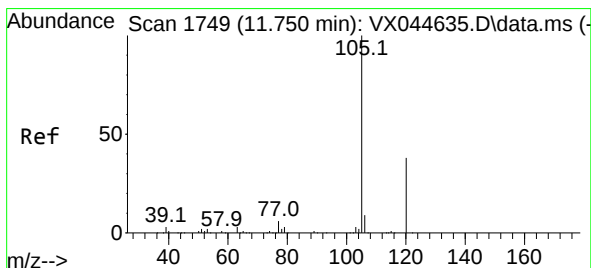
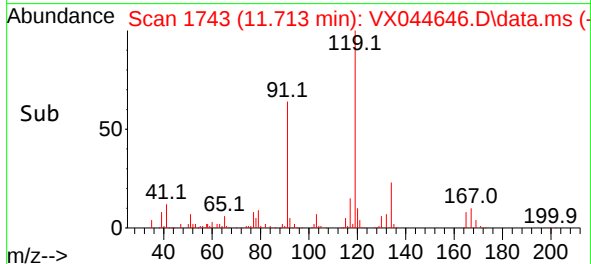
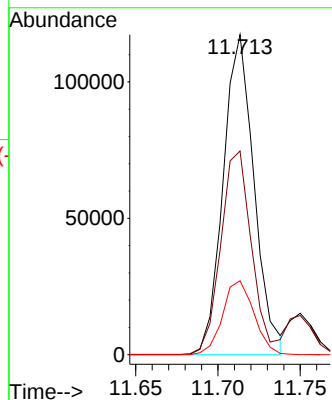
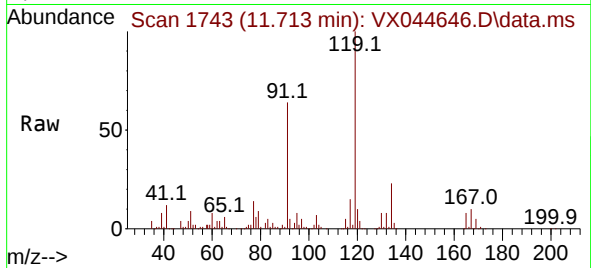




#79
tert-butylbenzene
Concen: 19.584 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

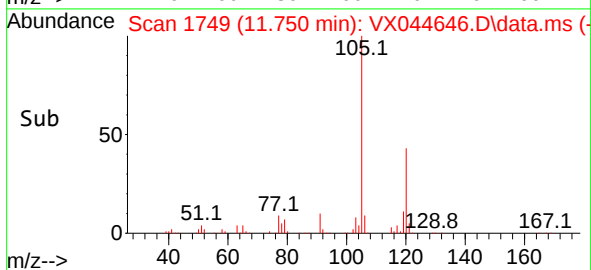
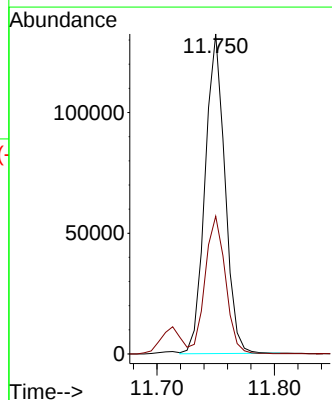
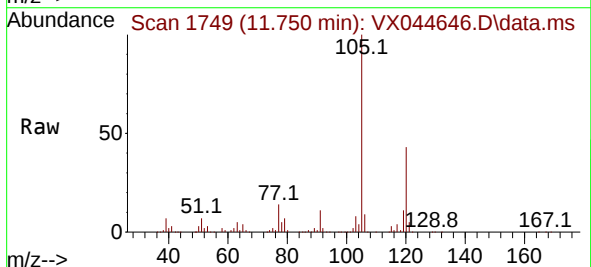
Instrument :
MSVOA_X
ClientSampleId :

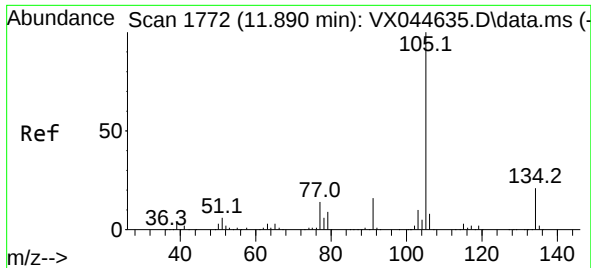
Tgt Ion:119 Resp: 152973
Ion Ratio Lower Upper
119 100
91 62.8 0.0 124.2
134 23.5 0.0 46.4



#80
1,2,4-Trimethylbenzene
Concen: 19.698 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion:105 Resp: 154410
Ion Ratio Lower Upper
105 100
120 44.5 0.0 87.2

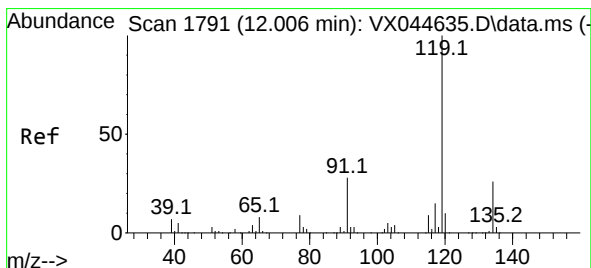
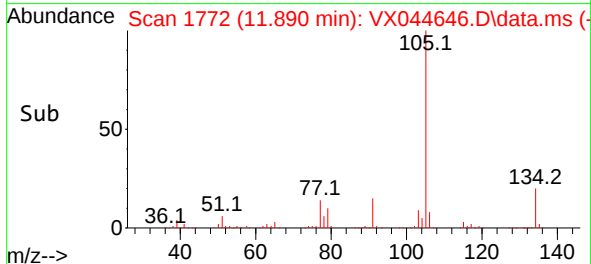
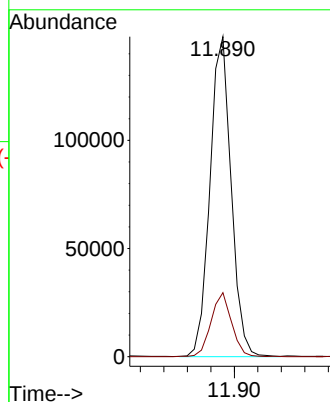
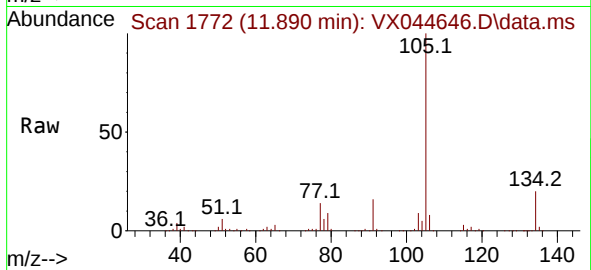




#81
 sec-Butylbenzene
 Concen: 19.609 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27

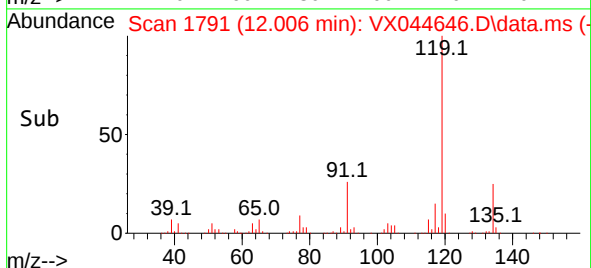
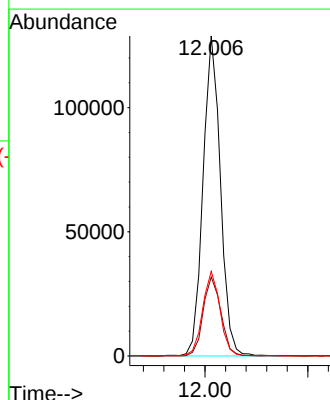
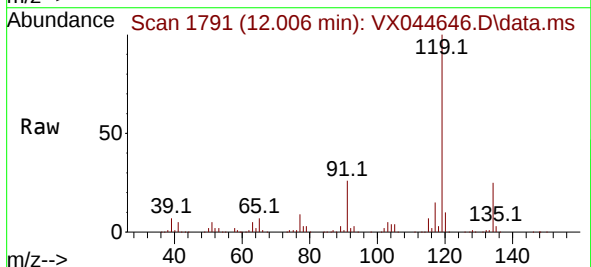
Instrument :
 MSVOA_X
 ClientSampleId :

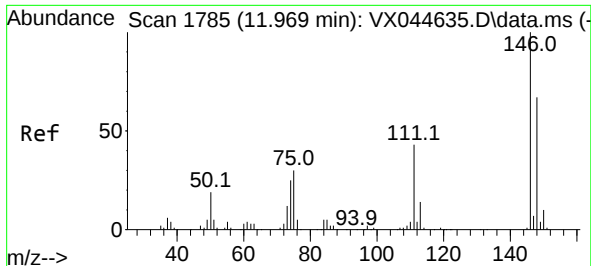
Tgt Ion:105 Resp: 185314
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 19.293 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27

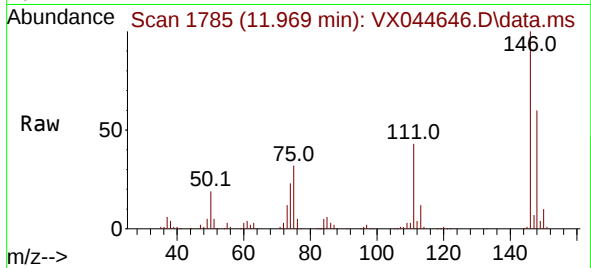
Tgt Ion:119 Resp: 151593
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 53.8
 91 26.2 0.0 55.2



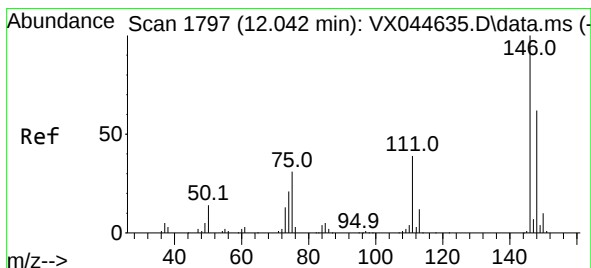
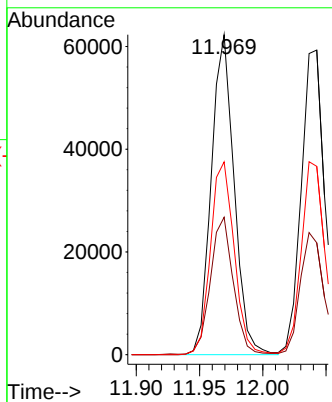
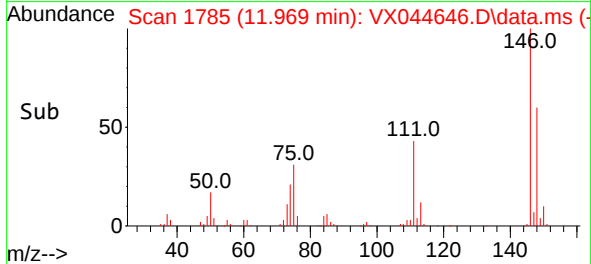


#83
 1,3-Dichlorobenzene
 Concen: 19.210 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27

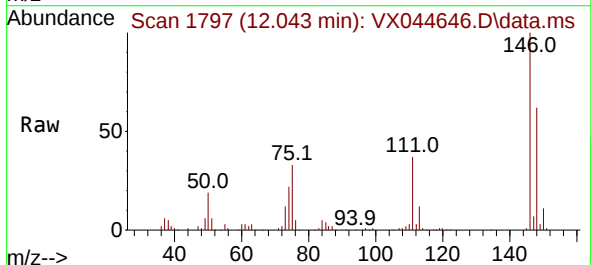
Instrument :
 MSVOA_X
 ClientSampleId :



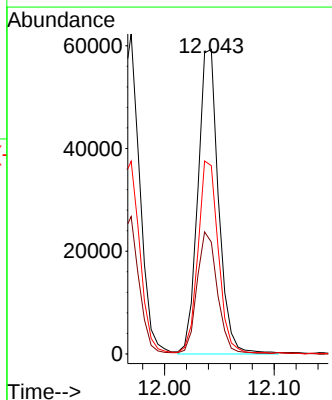
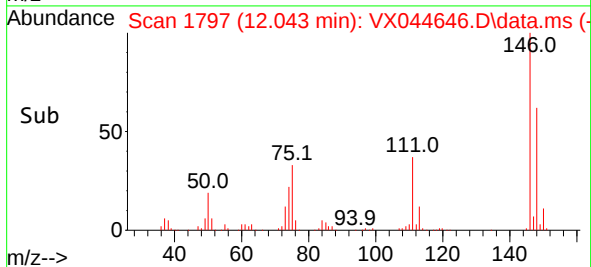
Tgt Ion:146 Resp: 78174
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.7 65.1
 148 62.6 32.1 96.5

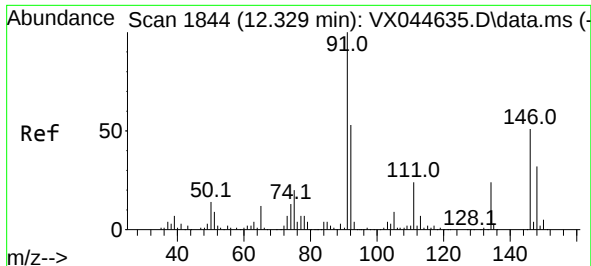


#84
 1,4-Dichlorobenzene
 Concen: 19.151 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27



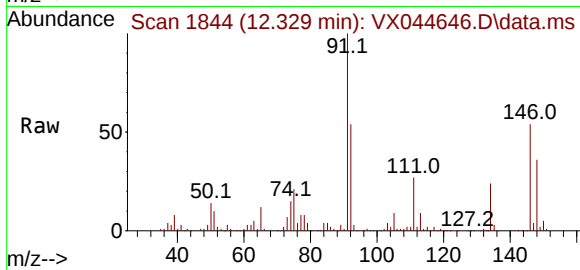
Tgt Ion:146 Resp: 77946
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.1 63.1
 148 62.5 32.6 98.0



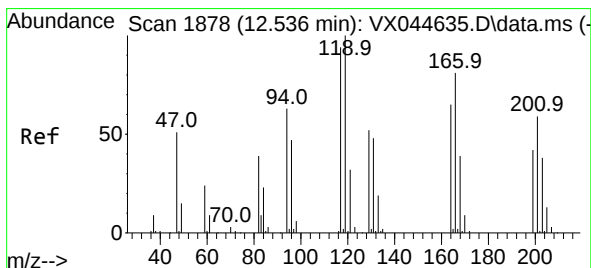
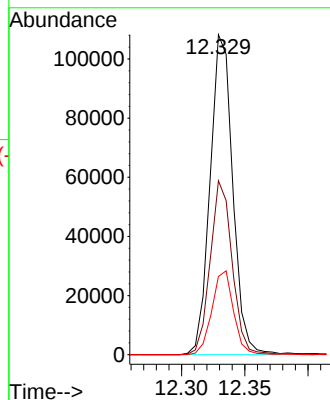
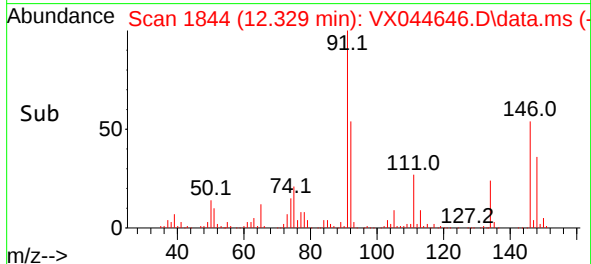


#85
n-Butylbenzene
Concen: 20.159 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :

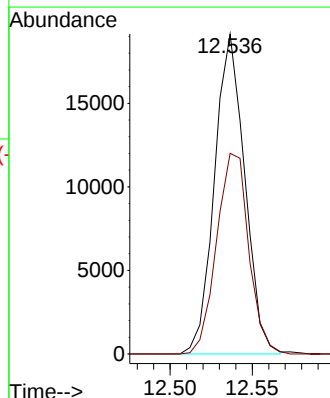
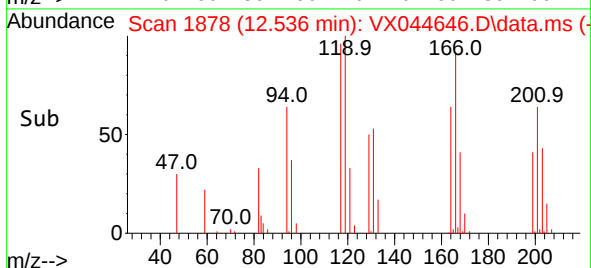
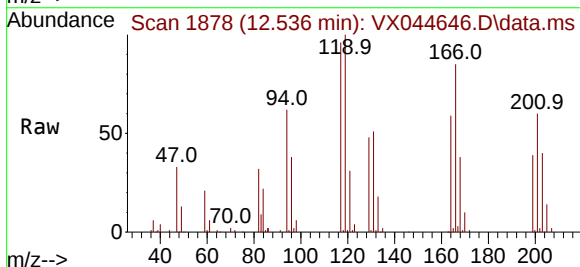


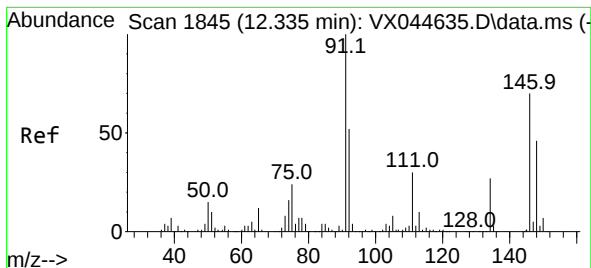
Tgt Ion: 91 Resp: 134832
Ion Ratio Lower Upper
91 100
92 52.8 0.0 105.0
134 25.0 0.0 50.0



#86
Hexachloroethane
Concen: 19.734 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 117 Resp: 24431
Ion Ratio Lower Upper
117 100
201 66.9 32.8 98.4





#87

1,2-Dichlorobenzene

Concen: 20.845 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

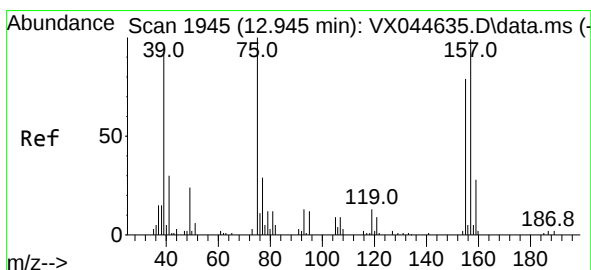
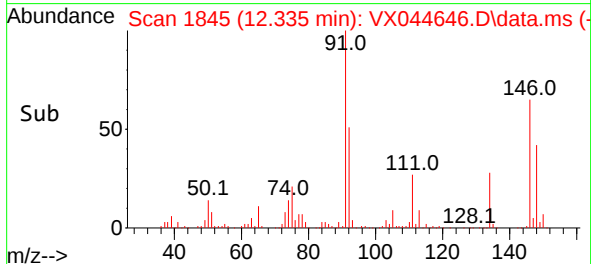
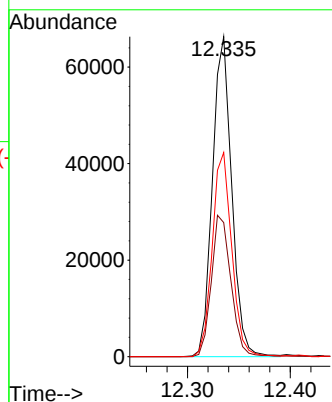
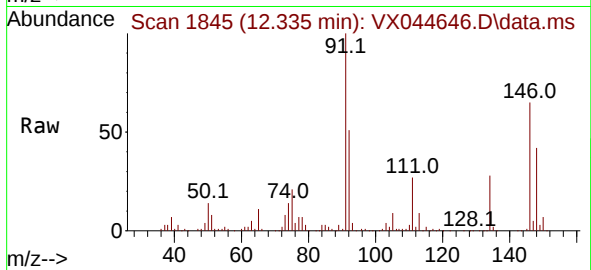
Tgt Ion:146 Resp: 86519

Ion Ratio Lower Upper

146 100

111 44.5 21.9 65.7

148 64.5 32.0 96.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.029 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

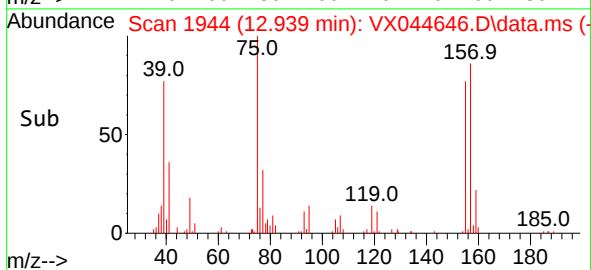
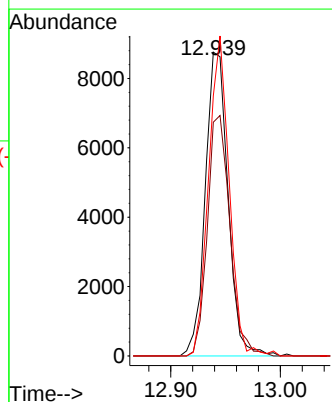
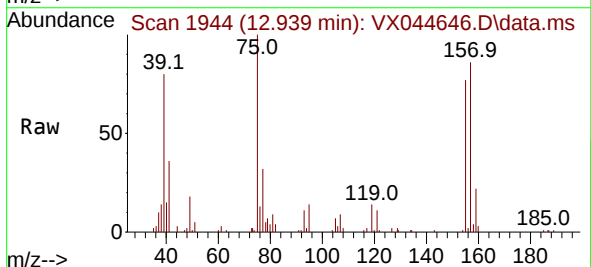
Tgt Ion: 75 Resp: 12623

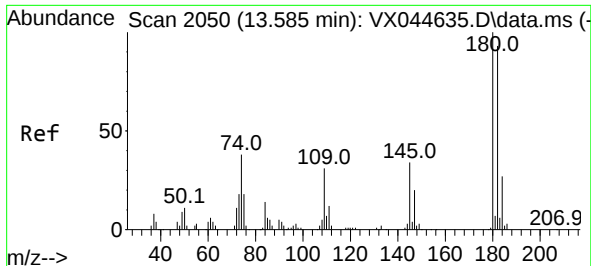
Ion Ratio Lower Upper

75 100

155 78.5 60.6 90.8

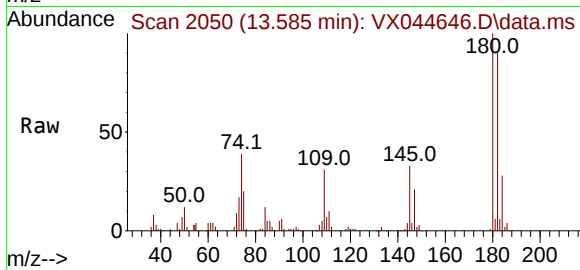
157 94.4 77.9 116.9



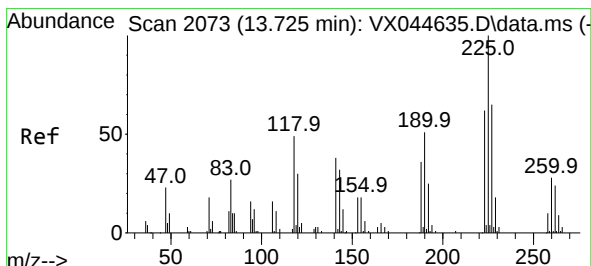
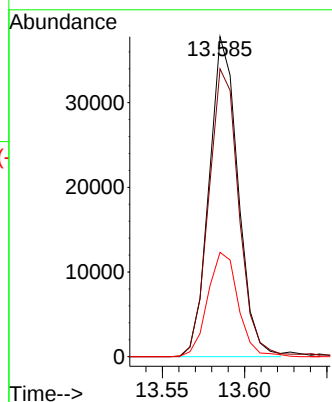
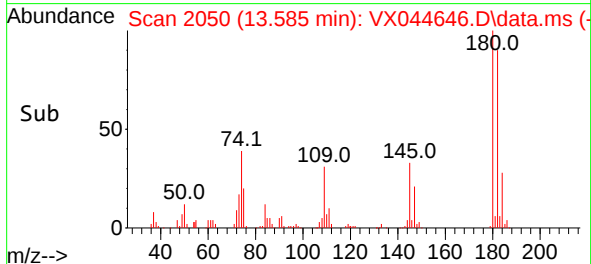


#89
 1,2,4-Trichlorobenzene
 Concen: 19.392 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27

Instrument :
 MSVOA_X
 ClientSampleId :

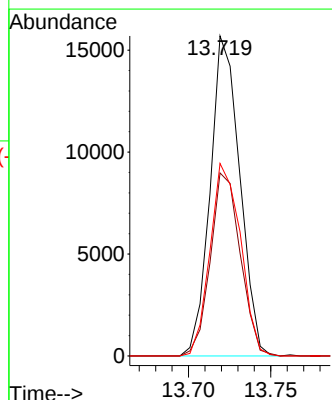
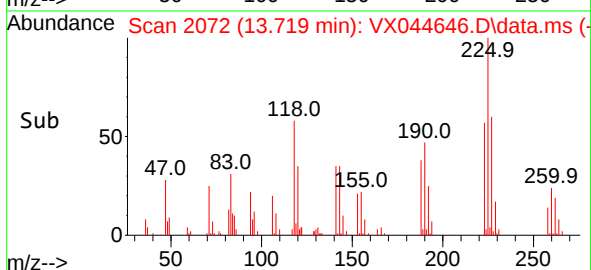
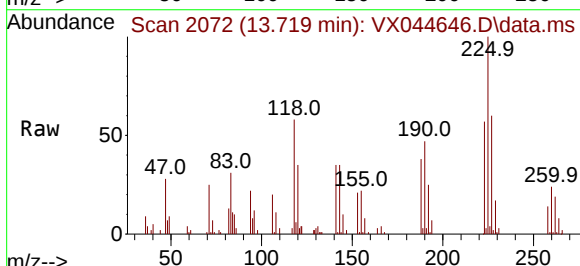


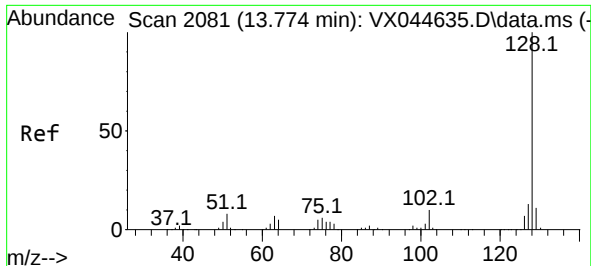
Tgt Ion:180 Resp: 46194
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.9 113.9
 145 34.2 26.7 40.1



#90
 Hexachlorobutadiene
 Concen: 20.344 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27

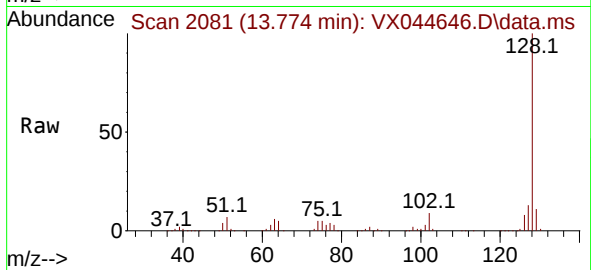
Tgt Ion:225 Resp: 19630
 Ion Ratio Lower Upper
 225 100
 223 57.9 0.0 124.0
 227 62.1 0.0 134.6



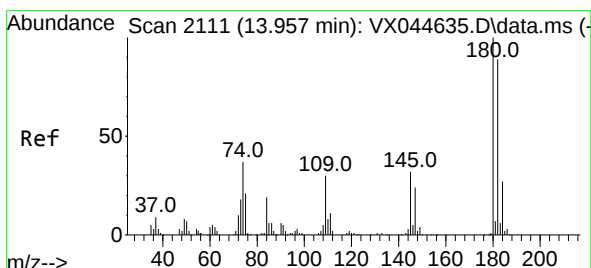
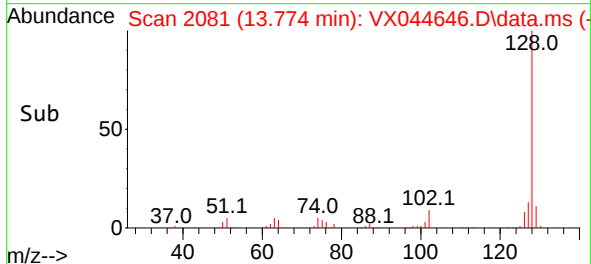
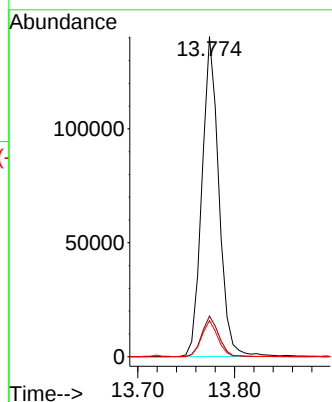


#91
Naphthalene
Concen: 21.207 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 170977
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.380 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion:180 Resp: 49880
Ion Ratio Lower Upper
180 100
182 92.4 0.0 191.2
145 34.2 0.0 67.0

