

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045451.D
 Acq On : 25 Mar 2025 19:28
 Operator : JC/MD
 Sample : VX0325WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD02

Quant Time: Mar 26 01:44:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	82133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75218	57.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.140%
35) Dibromofluoromethane	5.379	113	54386	55.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.280%
50) Toluene-d8	8.647	98	186886	52.734	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.460%
62) 4-Bromofluorobenzene	11.079	95	68368	58.217	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	18343	17.742	ug/l	99
3) Chloromethane	1.307	50	20414	16.135	ug/l	94
4) Vinyl Chloride	1.374	62	18726	14.920	ug/l	94
5) Bromomethane	1.593	94	8840	17.916	ug/l	97
6) Chloroethane	1.666	64	11217	19.375	ug/l	90
7) Trichlorofluoromethane	1.874	101	30838	18.560	ug/l	96
8) Diethyl Ether	2.136	74	10860	16.710	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	19650	20.585	ug/l	98
10) Methyl Iodide	2.447	142	22435	18.806	ug/l	94
11) Tert butyl alcohol	2.977	59	18659	75.402	ug/l	98
12) 1,1-Dichloroethene	2.313	96	18039	17.874	ug/l	91
13) Acrolein	2.233	56	42789	149.581	ug/l	99
14) Allyl chloride	2.660	41	33238	18.502	ug/l	93
15) Acrylonitrile	3.063	53	64133	96.699	ug/l	98
16) Acetone	2.386	43	59415	98.020	ug/l	98
17) Carbon Disulfide	2.502	76	33209	12.354	ug/l	98
18) Methyl Acetate	2.703	43	38370	26.313	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	65914	19.467	ug/l	98
20) Methylene Chloride	2.788	84	22443	18.691	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	17870	17.923	ug/l	98
22) Diisopropyl ether	3.758	45	70541	19.307	ug/l #	80
23) Vinyl Acetate	3.721	43	276741	90.765	ug/l	100
24) 1,1-Dichloroethane	3.605	63	39361	19.223	ug/l	99
25) 2-Butanone	4.562	43	90438	99.120	ug/l	99
26) 2,2-Dichloropropane	4.471	77	23525	24.494	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	23710	19.263	ug/l	95
28) Bromochloromethane	4.891	49	22469	23.022	ug/l	96
29) Tetrahydrofuran	5.007	42	56044	91.466	ug/l	99
30) Chloroform	5.093	83	41480	20.388	ug/l	99
31) Cyclohexane	5.458	56	31658	17.811	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	33262	20.242	ug/l	97
36) 1,1-Dichloropropene	5.690	75	25023	18.665	ug/l	99
37) Ethyl Acetate	4.715	43	32480	18.802	ug/l	98
38) Carbon Tetrachloride	5.666	117	27155	19.952	ug/l	91
39) Methylcyclohexane	7.373	83	30037	18.699	ug/l	95
40) Benzene	6.032	78	80717	19.067	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19396	20.765	ug/l	97
42) 1,2-Dichloroethane	6.086	62	33607	22.046	ug/l	98
43) Isopropyl Acetate	6.342	43	50351	19.711	ug/l	97
44) Trichloroethene	7.123	130	18634	18.746	ug/l	91
45) 1,2-Dichloropropane	7.428	63	21082	19.369	ug/l	98
46) Dibromomethane	7.580	93	16163	21.010	ug/l	93
47) Bromodichloromethane	7.818	83	30756	20.382	ug/l	96
48) Methyl methacrylate	7.690	41	26397	20.598	ug/l	92
49) 1,4-Dioxane	7.659	88	10728	396.856	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	186592	108.790	ug/l	97
52) Toluene	8.714	92	49113	19.774	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	23634	18.734	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	28070	19.081	ug/l #	87
55) 1,1,2-Trichloroethane	9.147	97	20754	20.297	ug/l	96
56) Ethyl methacrylate	9.116	69	31578	20.317	ug/l	94
57) 1,3-Dichloropropane	9.305	76	36561	20.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	82446	108.740	ug/l	99
59) 2-Hexanone	9.427	43	132426	106.563	ug/l	98
60) Dibromochloromethane	9.519	129	21966	20.546	ug/l	100
61) 1,2-Dibromoethane	9.610	107	20556	20.138	ug/l	98
64) Tetrachloroethene	9.269	164	16710	19.970	ug/l	94
65) Chlorobenzene	10.073	112	54753	19.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	18007	19.559	ug/l	98
67) Ethyl Benzene	10.189	91	95195	19.762	ug/l	100
68) m/p-Xylenes	10.299	106	69373	39.341	ug/l	95
69) o-Xylene	10.640	106	35106	19.739	ug/l	98
70) Styrene	10.653	104	57562	20.003	ug/l	97
71) Bromoform	10.799	173	12820	18.466	ug/l #	99
73) Isopropylbenzene	10.957	105	92124	19.632	ug/l	98
74) N-amyl acetate	10.842	43	40547	18.415	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	34421	19.989	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32720	23.384	ug/l	87
77) Bromobenzene	11.195	156	21092	19.051	ug/l	94
78) n-propylbenzene	11.299	91	104762	19.764	ug/l	98
79) 2-Chlorotoluene	11.360	91	68411	20.265	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	76592	20.187	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6896	16.865	ug/l #	83
82) 4-Chlorotoluene	11.451	91	73416	19.954	ug/l	99
83) tert-Butylbenzene	11.713	119	77028	19.759	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	76614	20.068	ug/l	99
85) sec-Butylbenzene	11.890	105	95949	20.547	ug/l	99
86) p-Isopropyltoluene	12.006	119	75249	19.939	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	37926	19.202	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	38184	19.109	ug/l	97
89) n-Butylbenzene	12.329	91	63771	19.620	ug/l	99
90) Hexachloroethane	12.536	117	12232	17.920	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	38930	19.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6606	19.692	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	20407	18.089	ug/l	100
94) Hexachlorobutadiene	13.719	225	8636	18.671	ug/l	95
95) Naphthalene	13.774	128	77745	17.936	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	21362	17.949	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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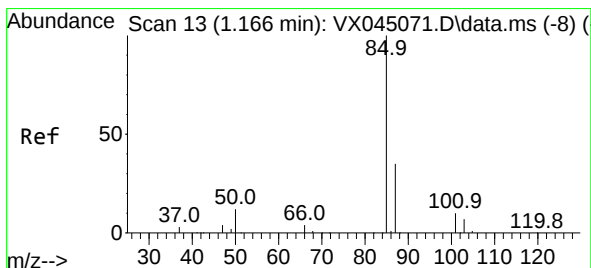
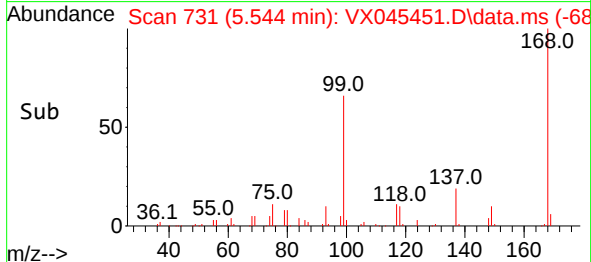
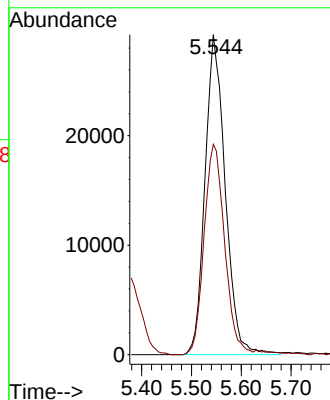
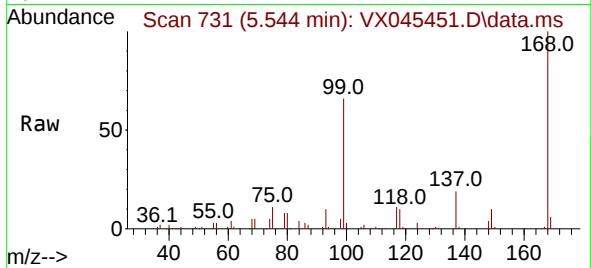




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045451.D
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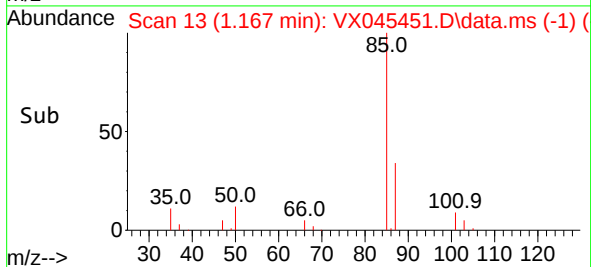
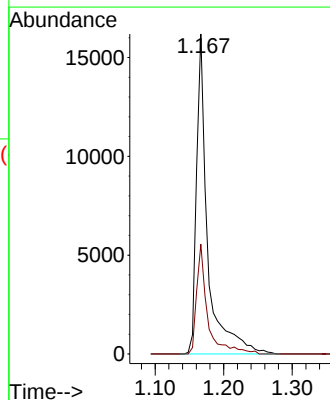
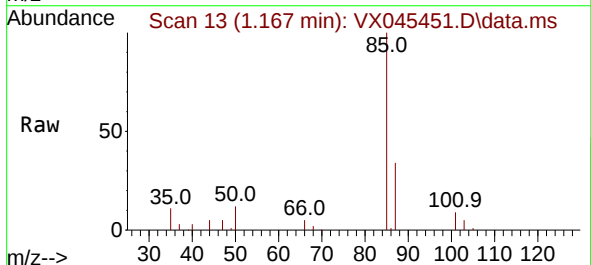
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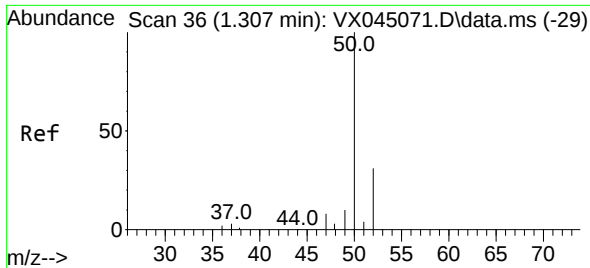
Tgt Ion:168 Resp: 82133
Ion Ratio Lower Upper
168 100
99 65.8 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 17.742 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 85 Resp: 18343
Ion Ratio Lower Upper
85 100
87 34.3 17.4 52.3

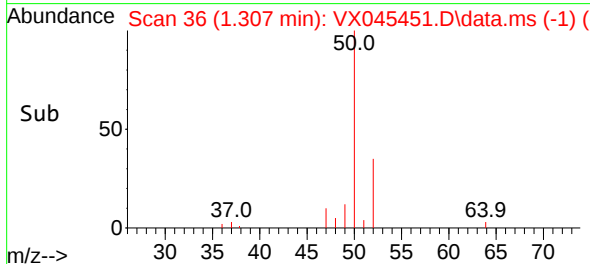
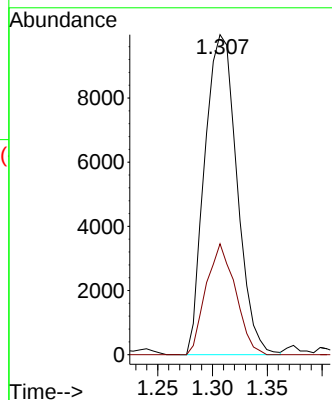
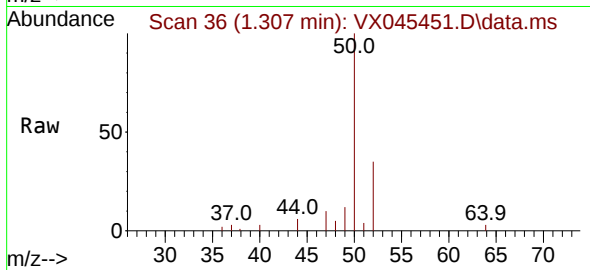




#3
Chloromethane
Concen: 16.135 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

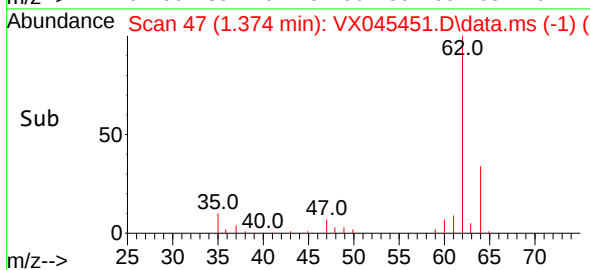
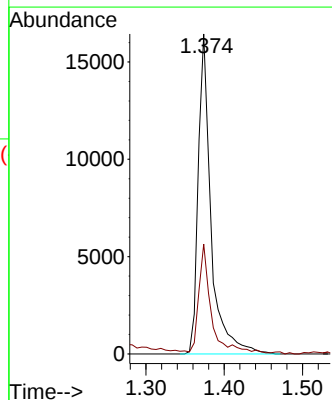
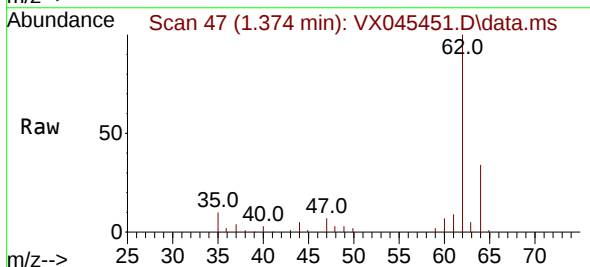
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ClientSampleId :
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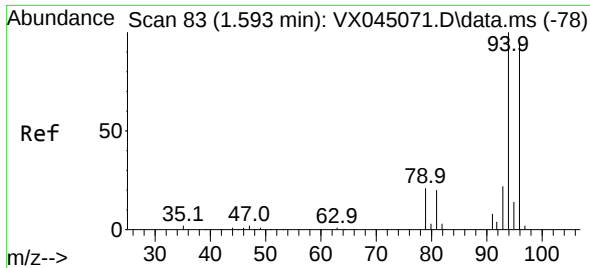
Tgt Ion: 50 Resp: 20414
Ion Ratio Lower Upper
50 100
52 34.6 25.0 37.4



#4
Vinyl Chloride
Concen: 14.920 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 62 Resp: 18726
Ion Ratio Lower Upper
62 100
64 33.7 24.3 36.5

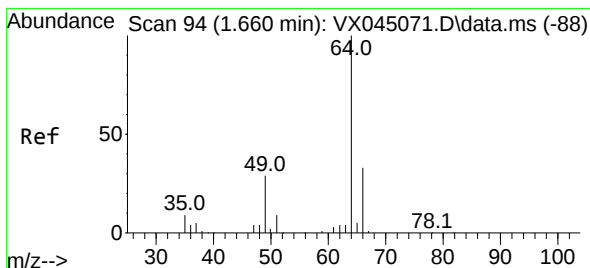
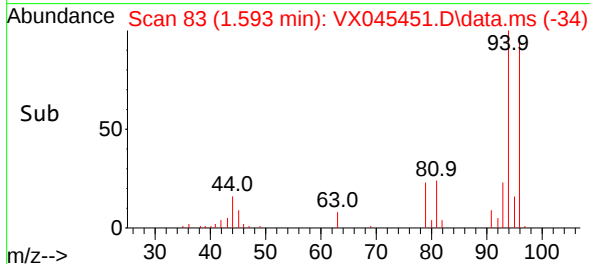
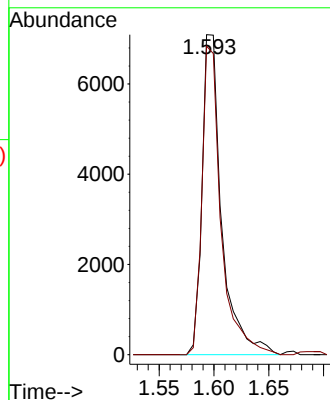
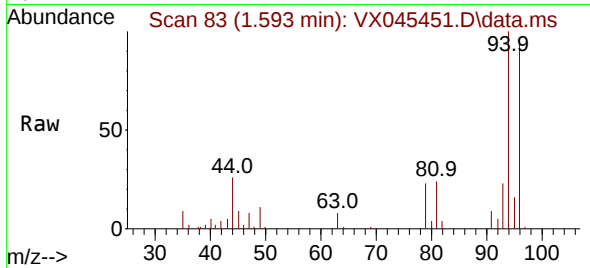




#5
Bromomethane
Concen: 17.916 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

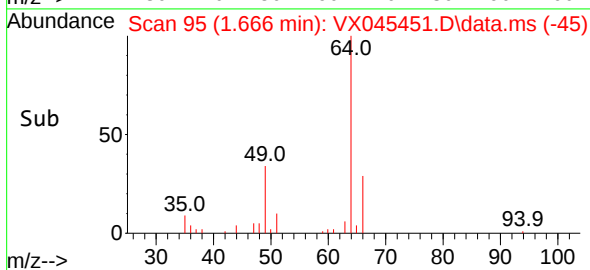
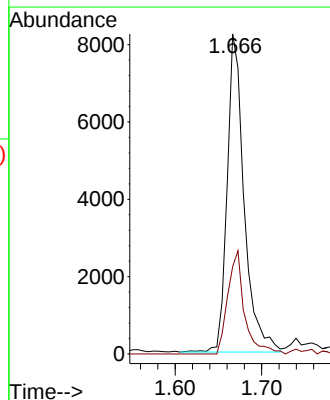
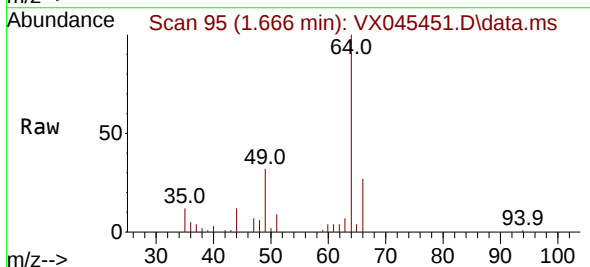
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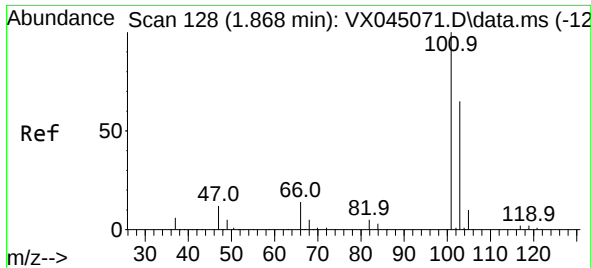
Tgt Ion: 94 Resp: 8840
Ion Ratio Lower Upper
94 100
96 96.4 75.0 112.4



#6
Chloroethane
Concen: 19.375 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 64 Resp: 11217
Ion Ratio Lower Upper
64 100
66 27.5 26.7 40.1

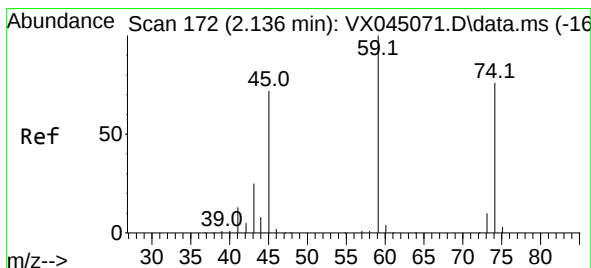
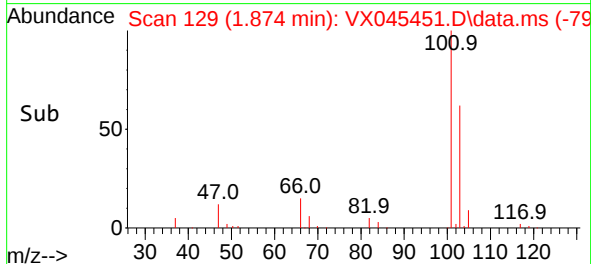
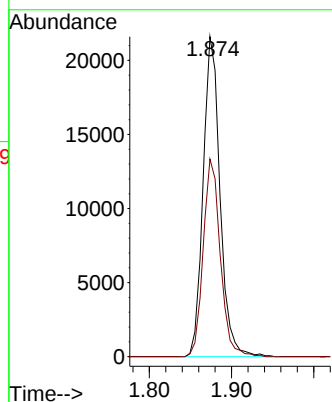
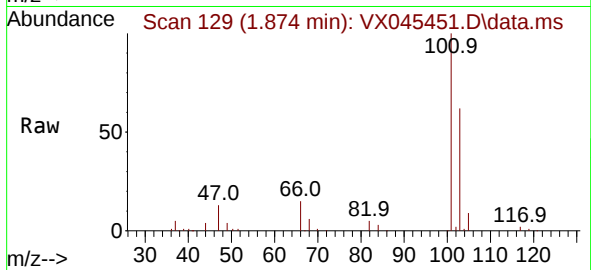




#7
 Trichlorofluoromethane
 Concen: 18.560 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045451.D
 Acq: 25 Mar 2025 19:28

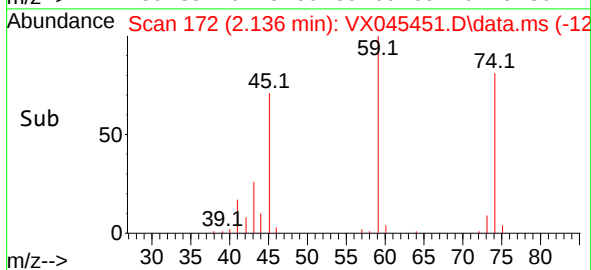
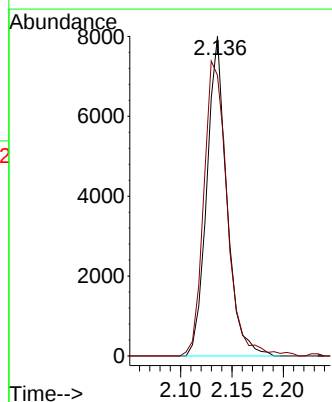
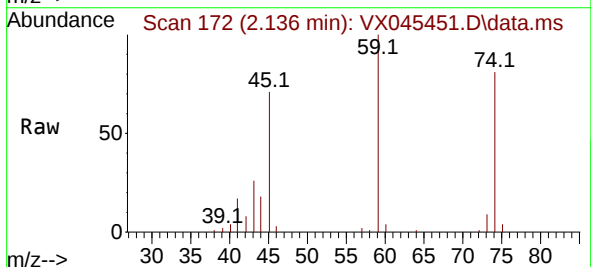
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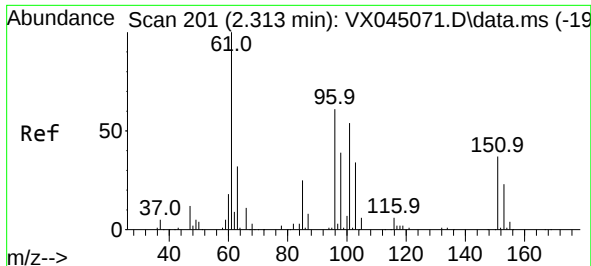
Tgt Ion:101 Resp: 30838
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.1 78.1



#8
 Diethyl Ether
 Concen: 16.710 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX045451.D
 Acq: 25 Mar 2025 19:28

Tgt Ion: 74 Resp: 10860
 Ion Ratio Lower Upper
 74 100
 45 108.2 51.5 154.5

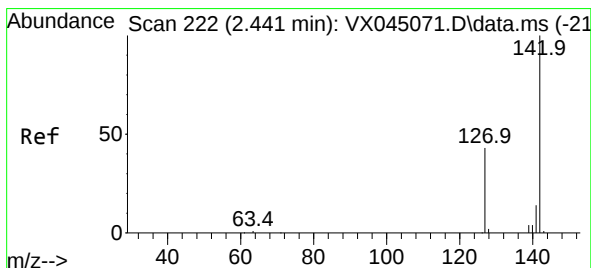
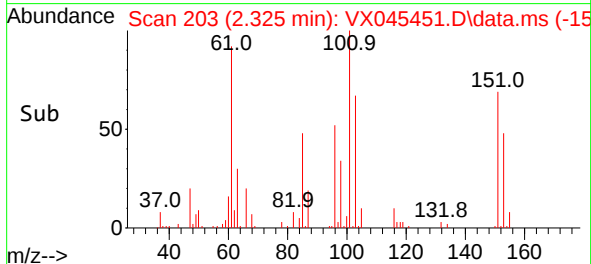
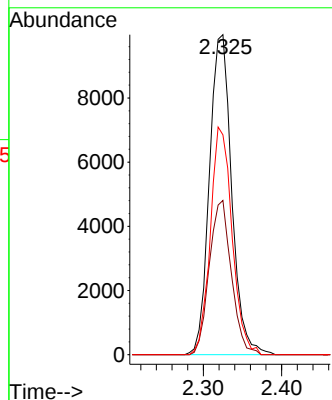
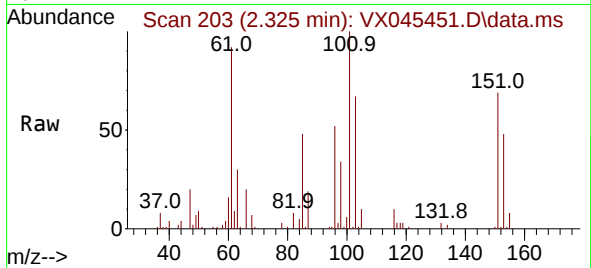




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.585 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045451.D
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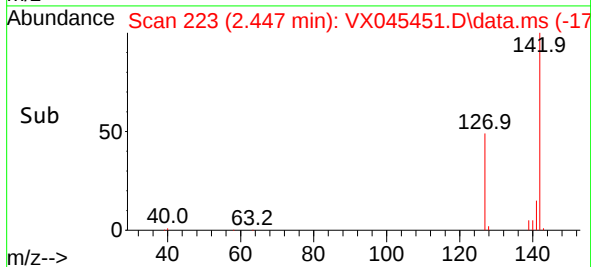
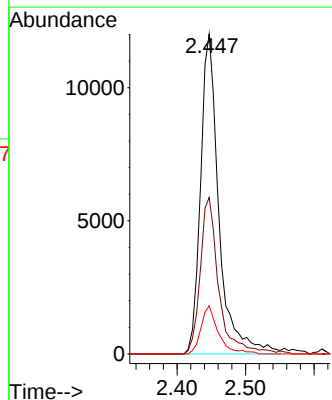
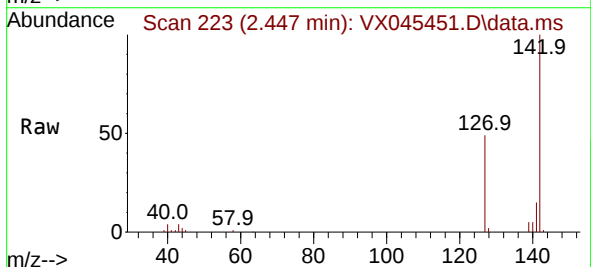
Instrument :
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Tgt Ion:101 Resp: 19650
Ion Ratio Lower Upper
101 100
85 47.8 36.2 54.4
151 69.7 56.4 84.6



#10
Methyl Iodide
Concen: 18.806 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion:142 Resp: 22435
Ion Ratio Lower Upper
142 100
127 49.2 35.4 53.2
141 14.3 11.6 17.4

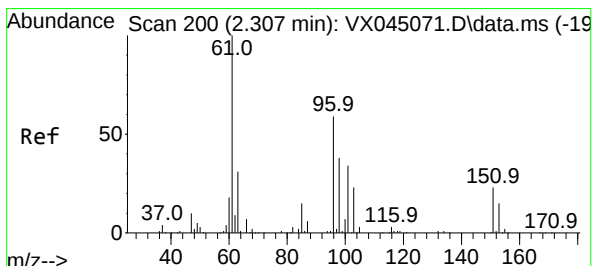
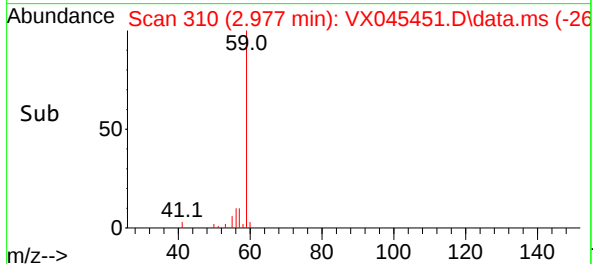
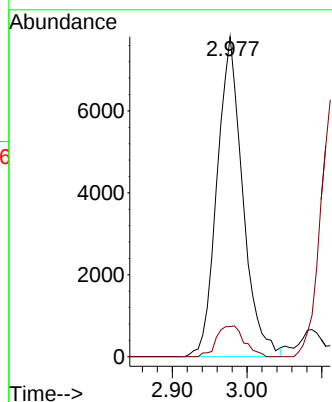
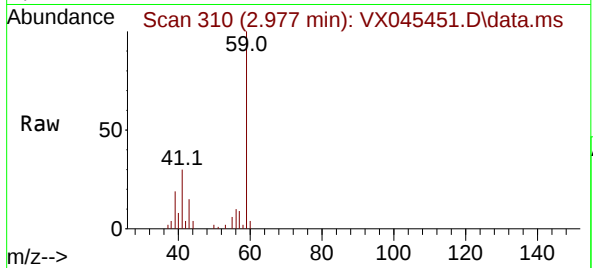




#11
Tert butyl alcohol
Concen: 75.402 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

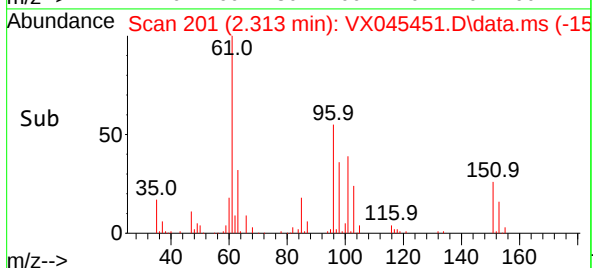
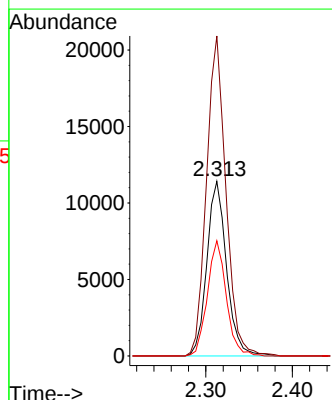
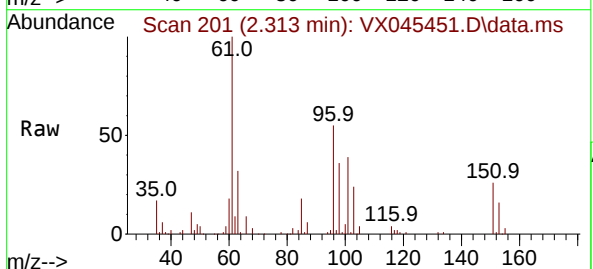
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

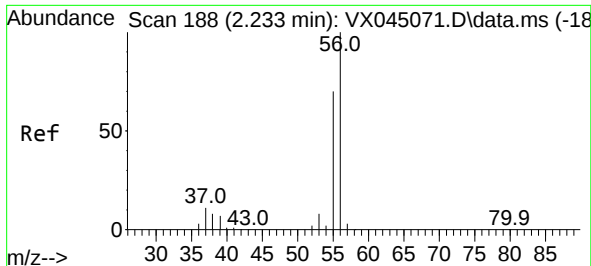
Tgt Ion: 59 Resp: 18659
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 17.874 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 96 Resp: 18039
Ion Ratio Lower Upper
96 100
61 183.3 134.6 202.0
98 66.0 51.0 76.6

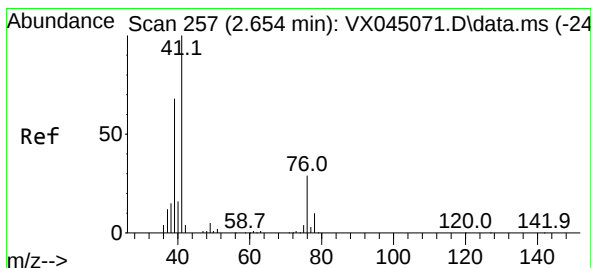
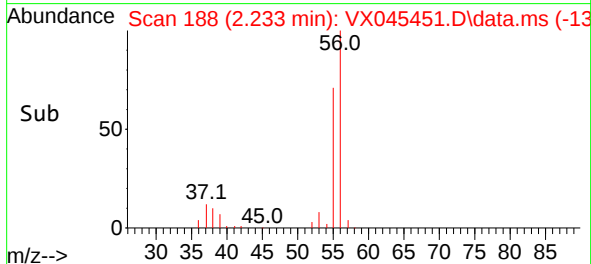
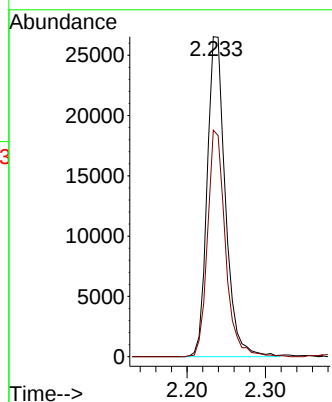
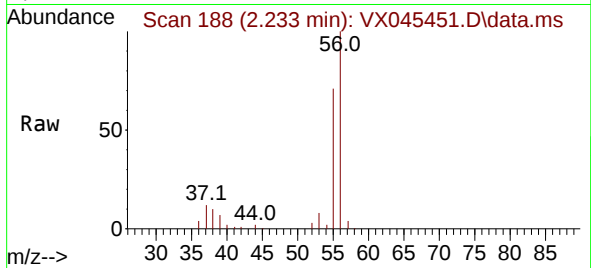




#13
Acrolein
Concen: 149.581 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

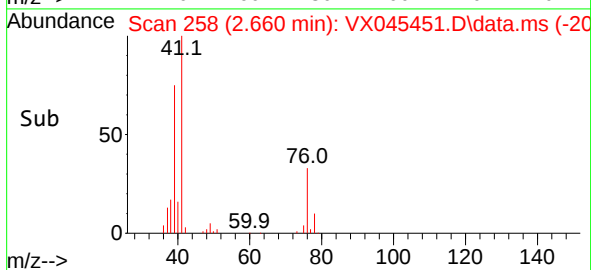
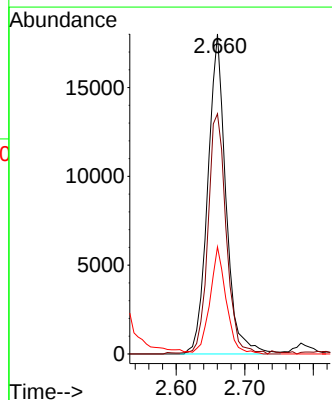
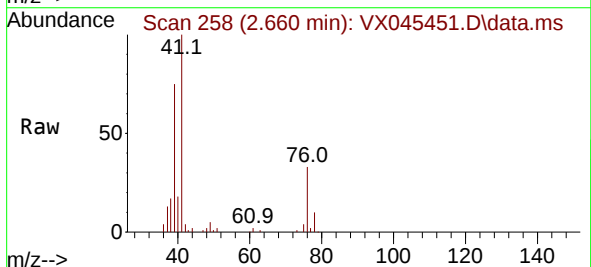
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

Tgt Ion: 56 Resp: 42789
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.4



#14
Allyl chloride
Concen: 18.502 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 41 Resp: 33238
Ion Ratio Lower Upper
41 100
39 75.0 53.8 80.8
76 29.9 25.2 37.8





#15

Acrylonitrile

Concen: 96.699 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

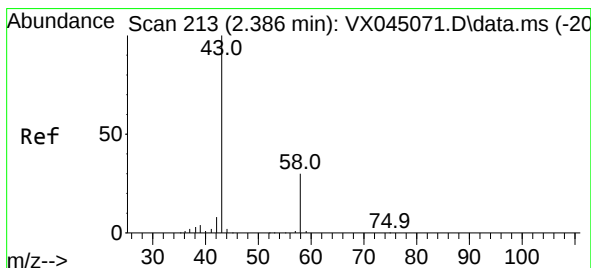
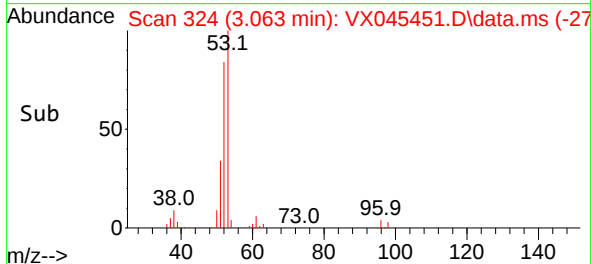
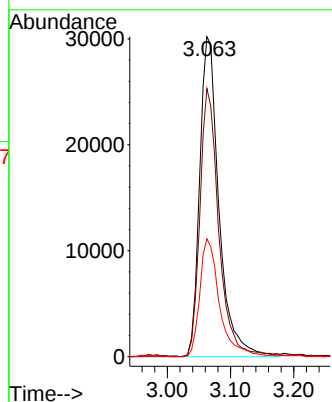
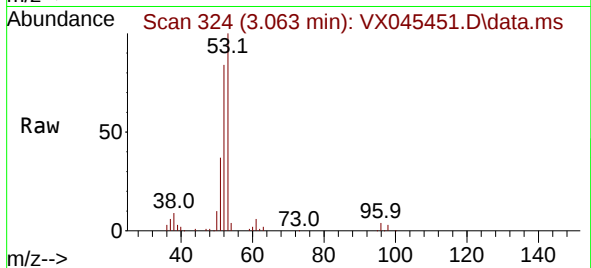
Tgt Ion: 53 Resp: 64133

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

51 38.1 29.0 43.4



#16

Acetone

Concen: 98.020 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045451.D

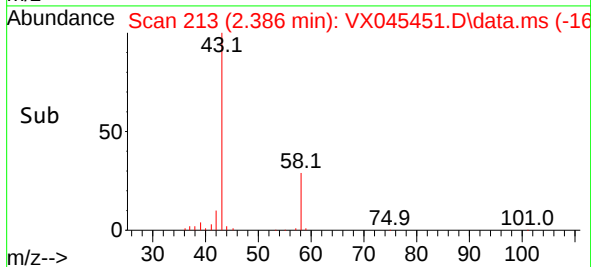
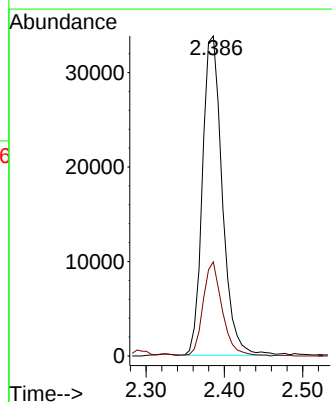
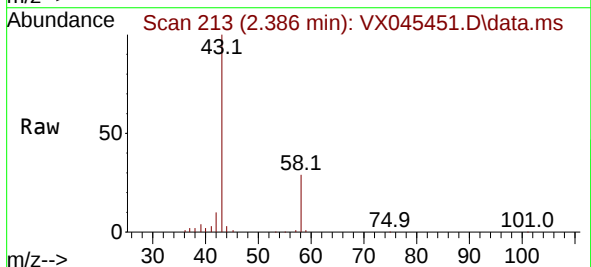
Acq: 25 Mar 2025 19:28

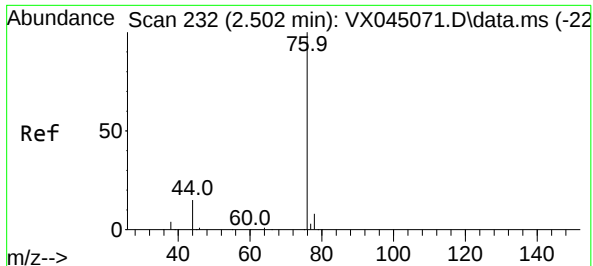
Tgt Ion: 43 Resp: 59415

Ion Ratio Lower Upper

43 100

58 29.3 24.2 36.4

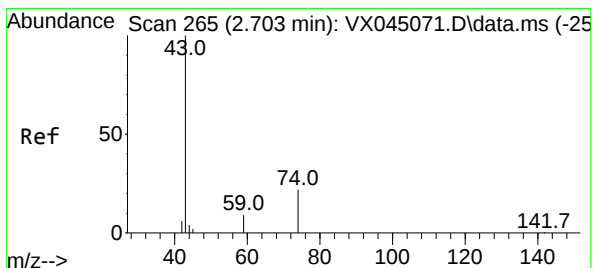
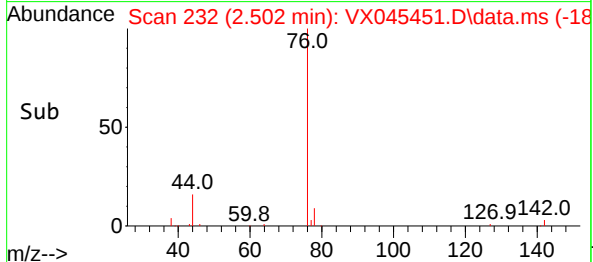
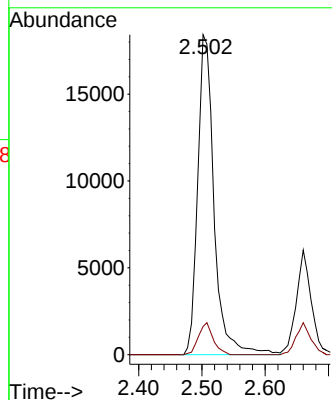
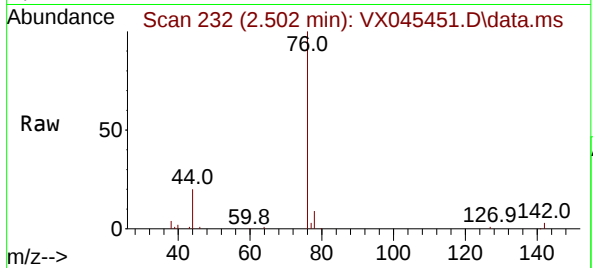




#17
Carbon Disulfide
Concen: 12.354 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

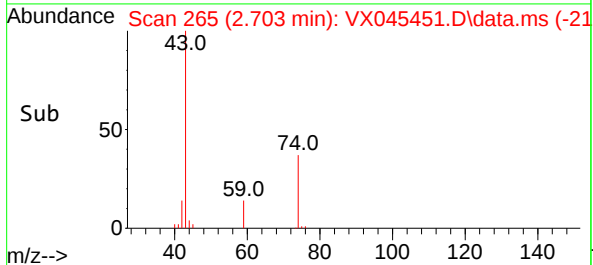
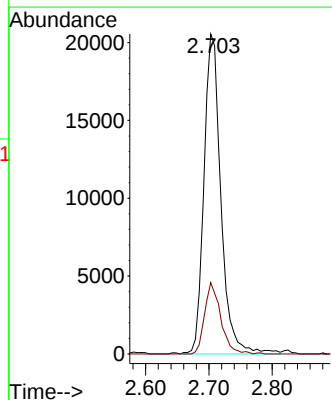
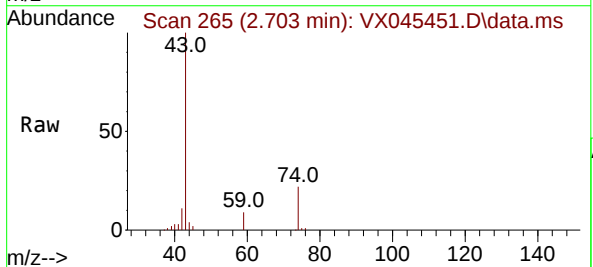
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

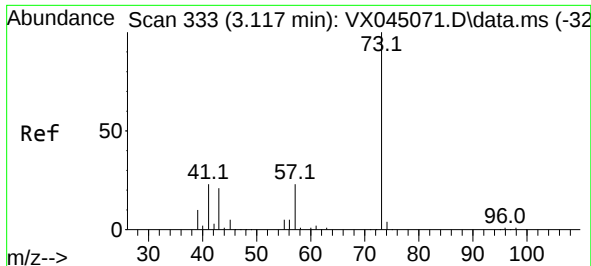
Tgt Ion: 76 Resp: 33209
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8



#18
Methyl Acetate
Concen: 26.313 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 43 Resp: 38370
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.2

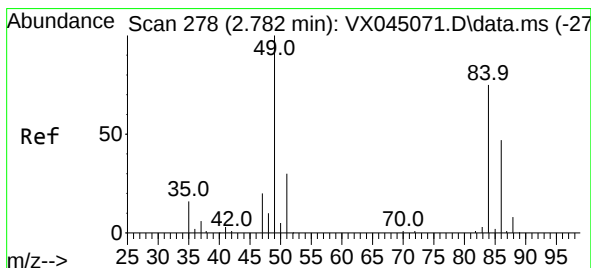
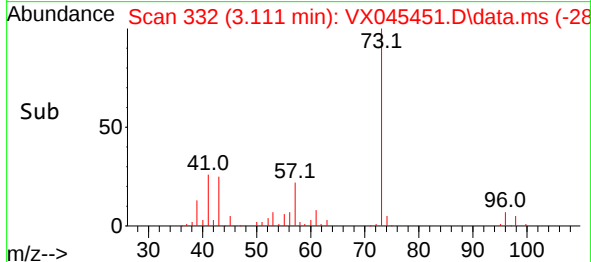
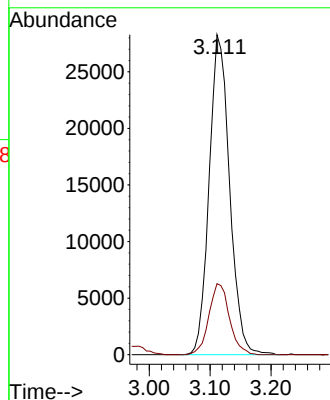
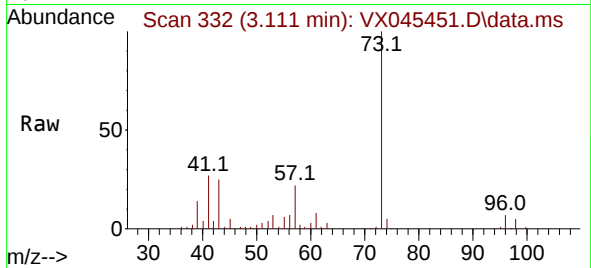




#19
Methyl tert-butyl Ether
Concen: 19.467 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

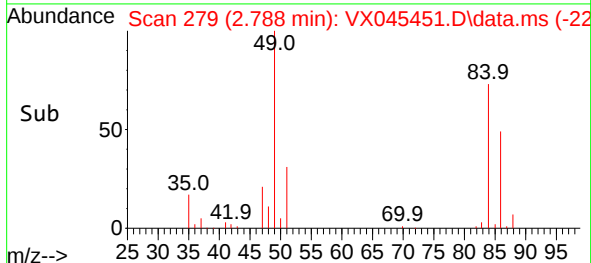
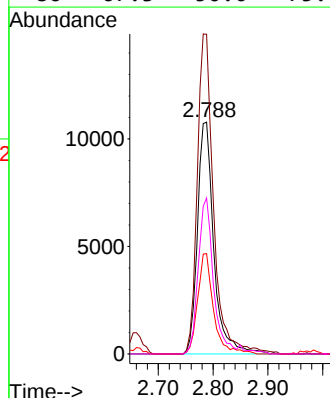
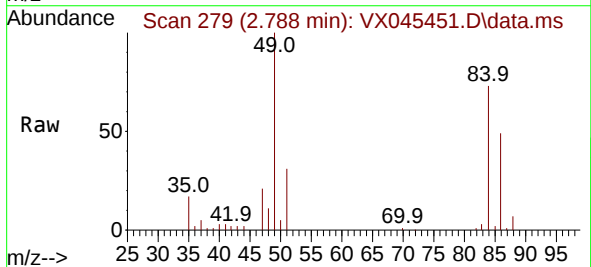
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

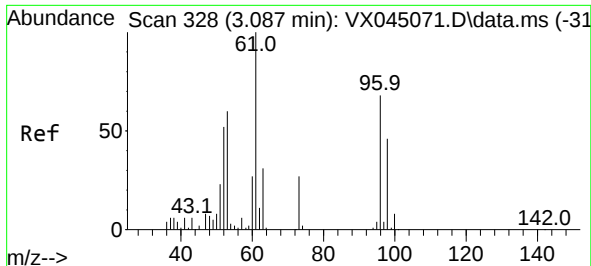
Tgt Ion: 73 Resp: 65914
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7



#20
Methylene Chloride
Concen: 18.691 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 84 Resp: 22443
Ion Ratio Lower Upper
84 100
49 137.9 106.5 159.7
51 43.3 32.1 48.1
86 67.3 50.0 75.0

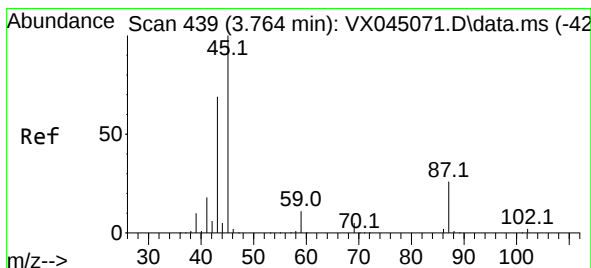
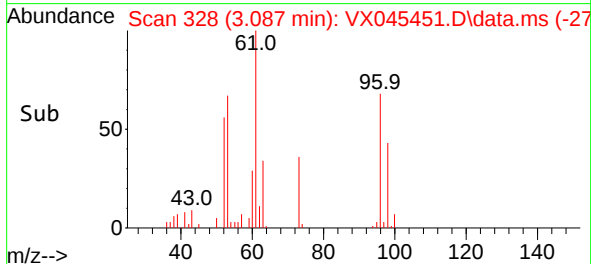
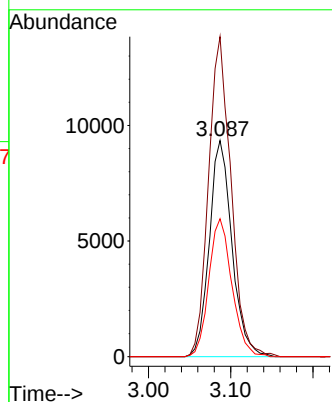
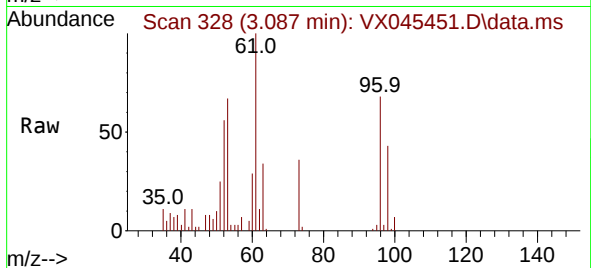




#21
trans-1,2-Dichloroethene
Concen: 17.923 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

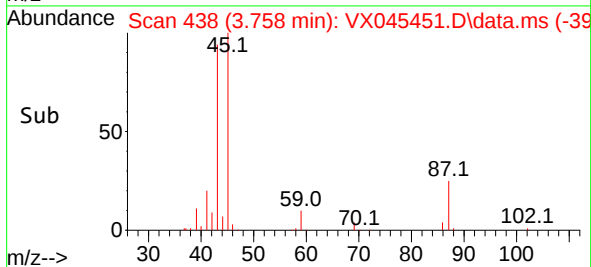
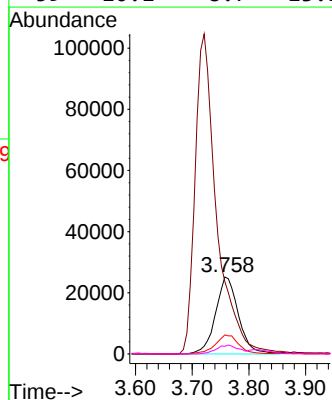
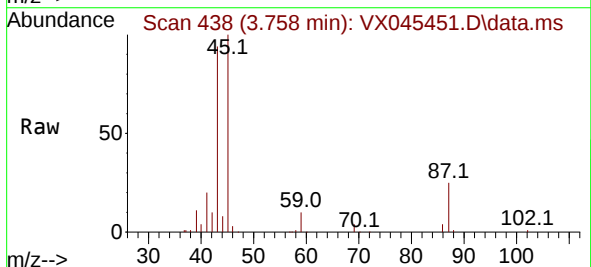
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

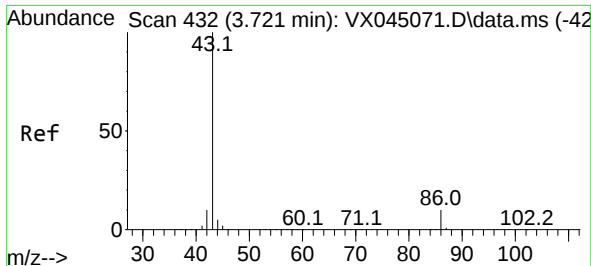
Tgt Ion: 96 Resp: 17870
Ion Ratio Lower Upper
96 100
61 148.1 117.0 175.4
98 63.8 53.4 80.2



#22
Diisopropyl ether
Concen: 19.307 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 45 Resp: 70541
Ion Ratio Lower Upper
45 100
43 93.1 54.9 82.3#
87 24.8 21.0 31.4
59 10.1 8.7 13.1

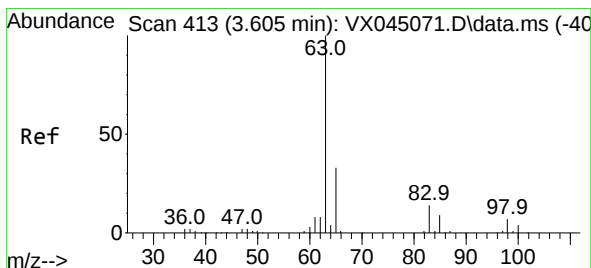
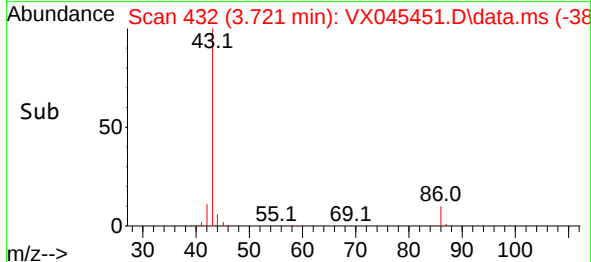
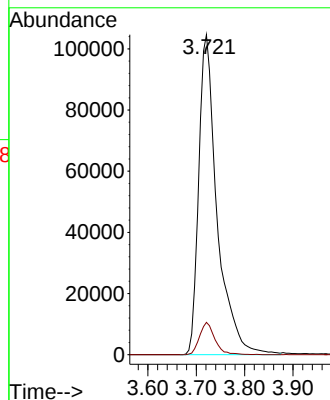
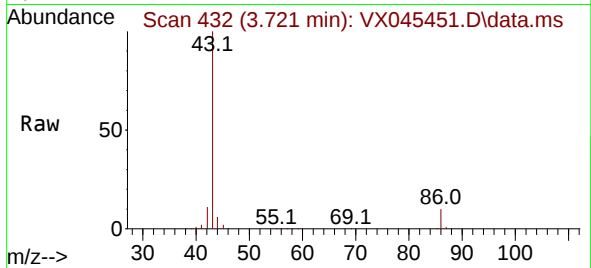




#23
 Vinyl Acetate
 Concen: 90.765 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045451.D
 Acq: 25 Mar 2025 19:28

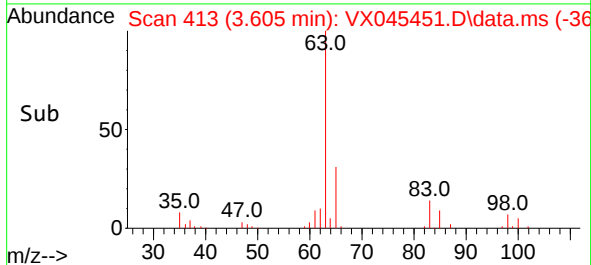
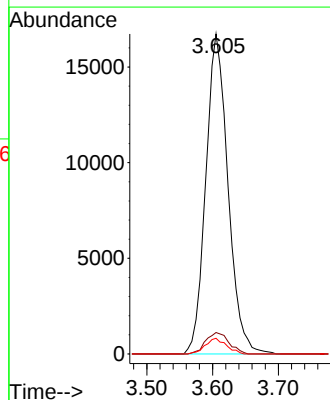
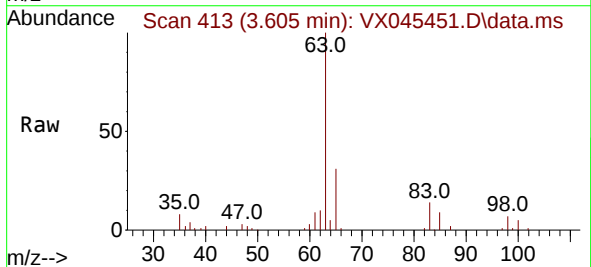
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD02

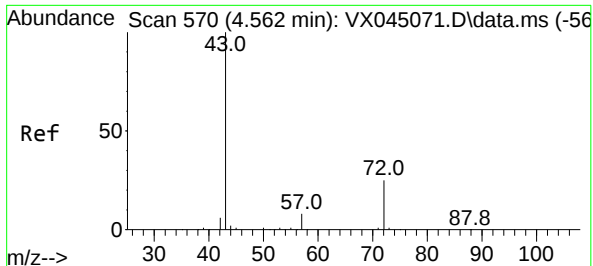
Tgt Ion: 43 Resp: 276741
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 19.223 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045451.D
 Acq: 25 Mar 2025 19:28

Tgt Ion: 63 Resp: 39361
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 99.120 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

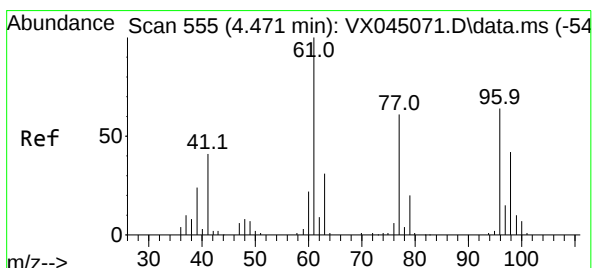
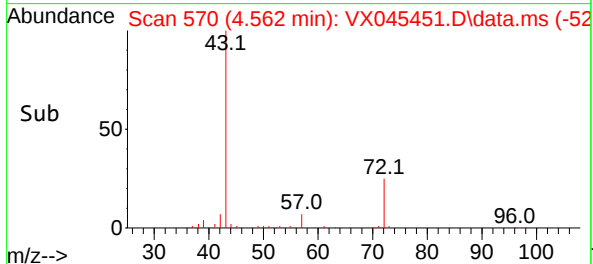
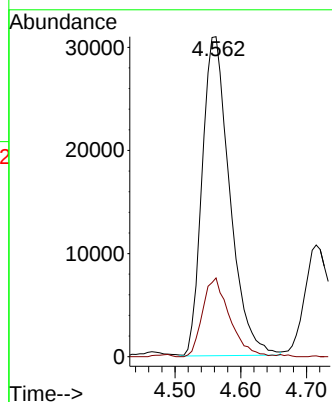
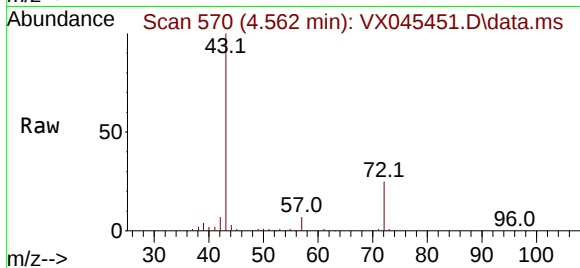
VX0325WBSD02

Tgt Ion: 43 Resp: 90438

Ion Ratio Lower Upper

43 100

72 24.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 24.494 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX045451.D

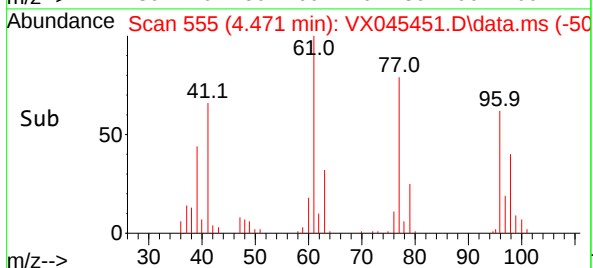
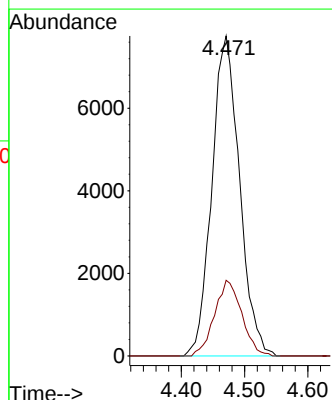
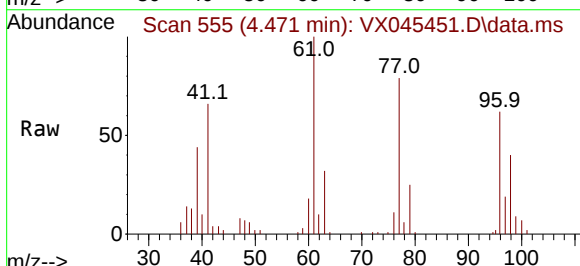
Acq: 25 Mar 2025 19:28

Tgt Ion: 77 Resp: 23525

Ion Ratio Lower Upper

77 100

97 23.2 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 19.263 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

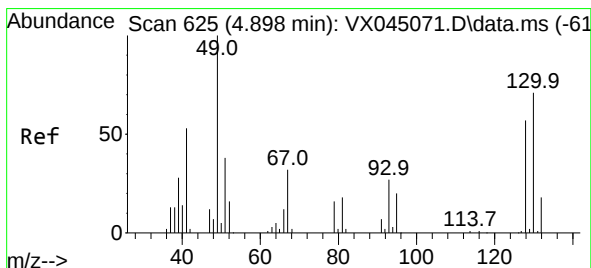
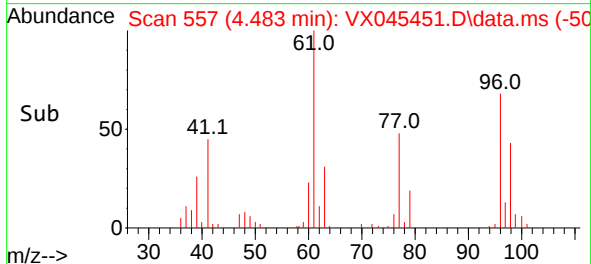
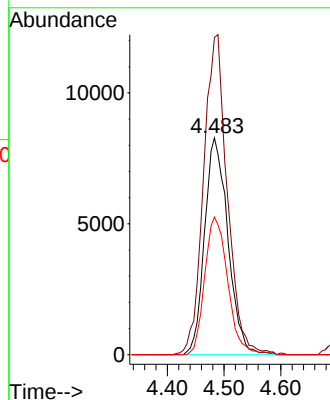
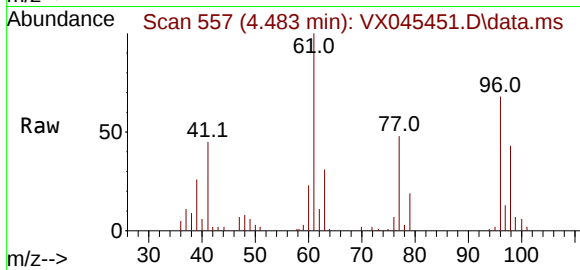
Tgt Ion: 96 Resp: 23710

Ion Ratio Lower Upper

96 100

61 150.1 0.0 283.2

98 62.7 0.0 128.0



#28

Bromochloromethane

Concen: 23.022 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

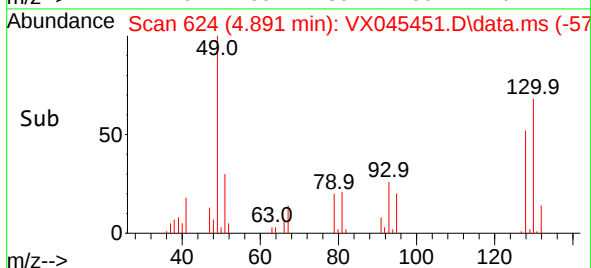
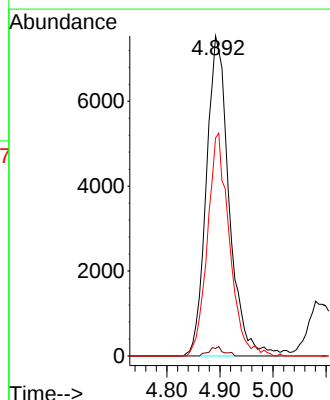
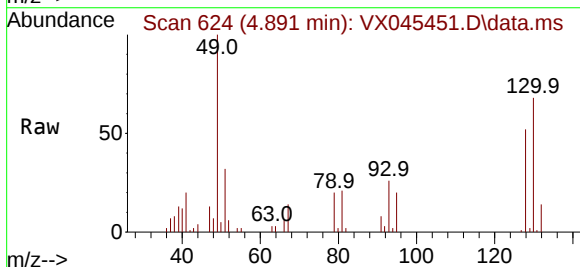
Tgt Ion: 49 Resp: 22469

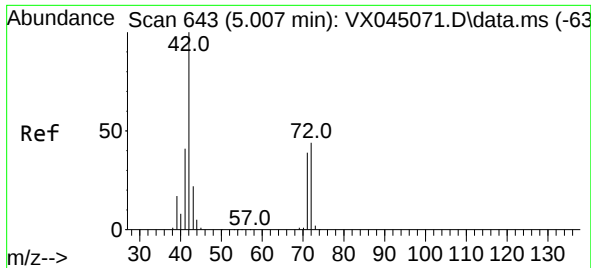
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

130 67.1 56.1 84.1

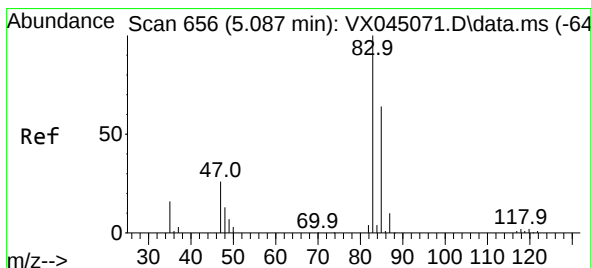
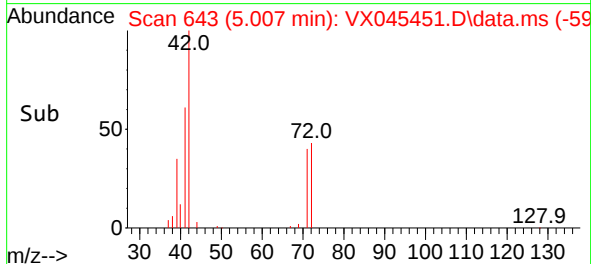
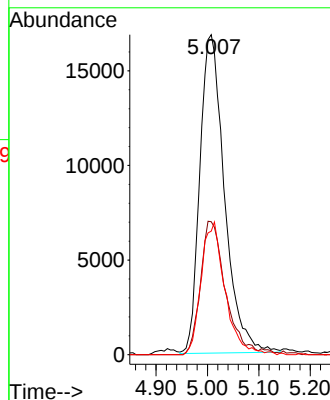
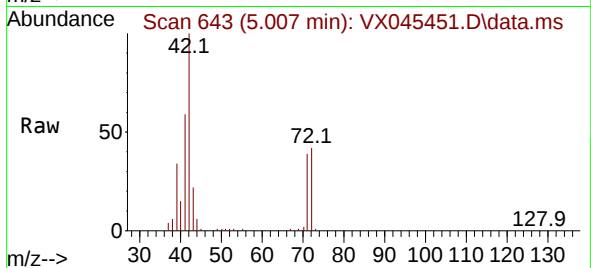




#29
Tetrahydrofuran
Concen: 91.466 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

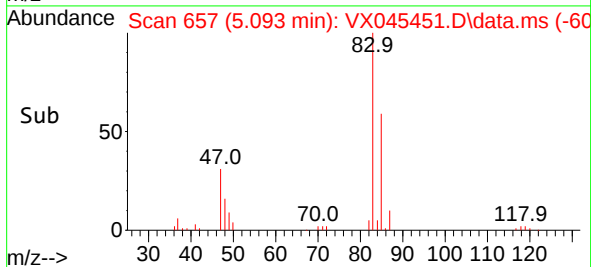
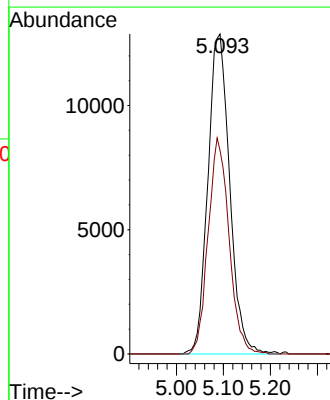
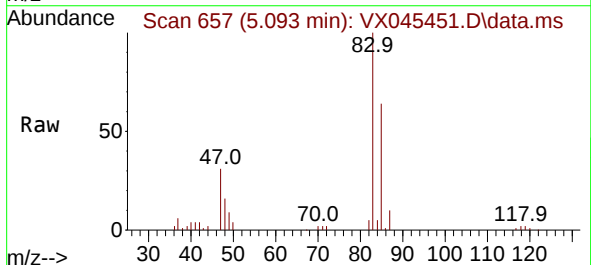
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

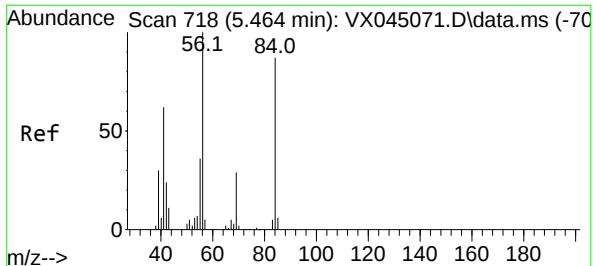
Tgt Ion: 42 Resp: 56044
Ion Ratio Lower Upper
42 100
72 42.1 34.1 51.1
71 40.4 31.4 47.0



#30
Chloroform
Concen: 20.388 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

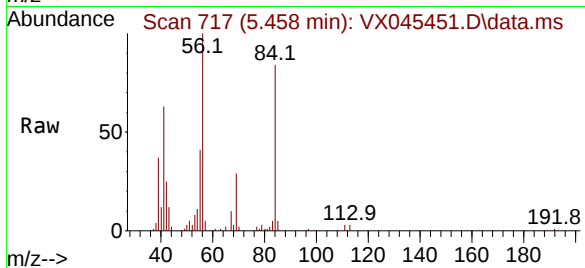
Tgt Ion: 83 Resp: 41480
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2



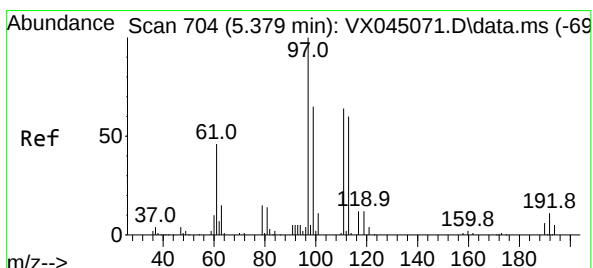
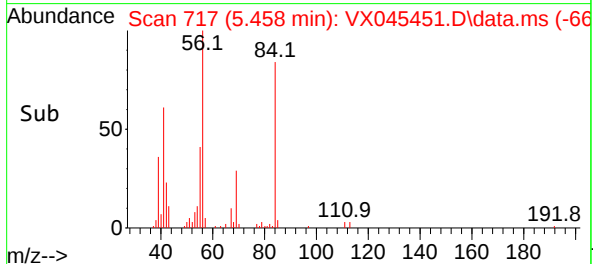
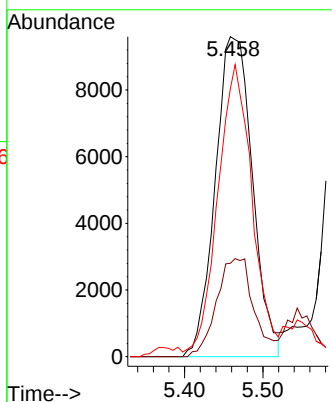


#31
Cyclohexane
Concen: 17.811 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

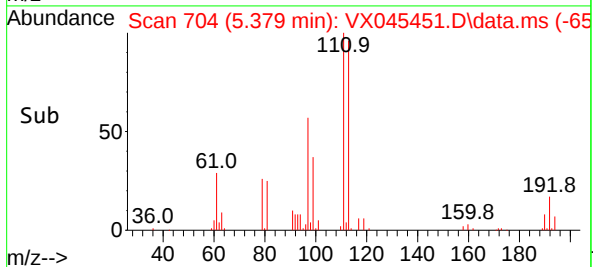
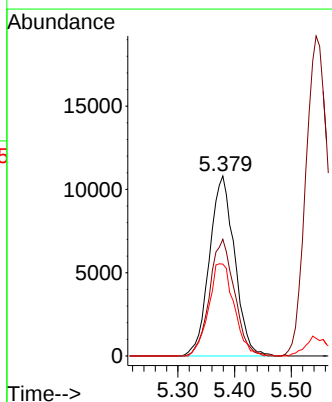
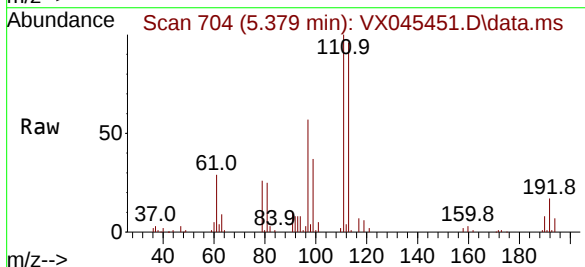


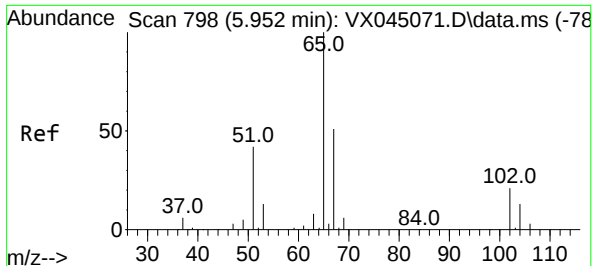
Tgt Ion:	56	Resp:	31658
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.4	35.2
84	80.8	69.4	104.2



#32
1,1,1-Trichloroethane
Concen: 20.242 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion:	97	Resp:	33262
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	52.1	38.4	57.6





#33

1,2-Dichloroethane-d4

Concen: 57.575 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

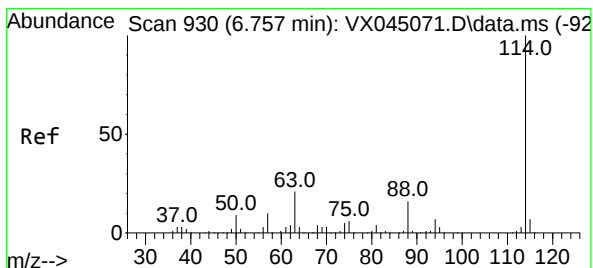
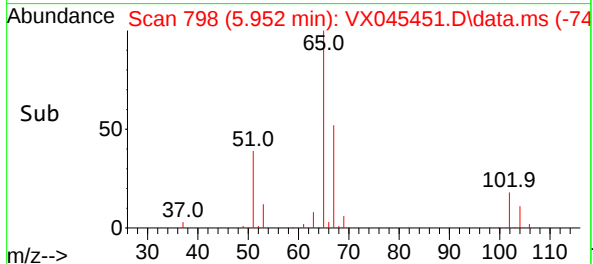
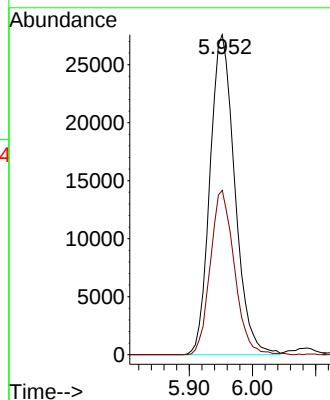
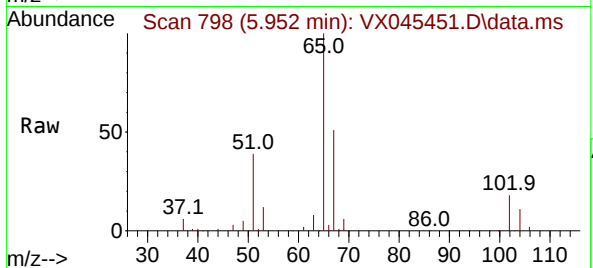
VX0325WBSD02

Tgt Ion: 65 Resp: 75218

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

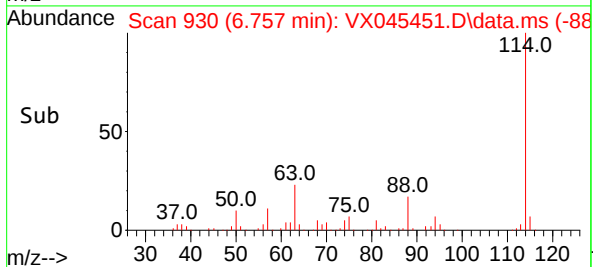
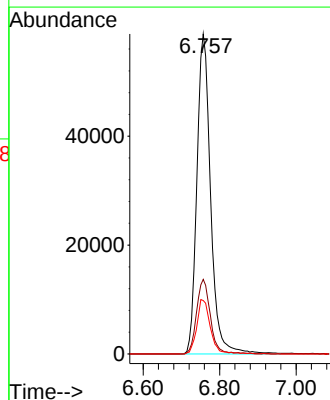
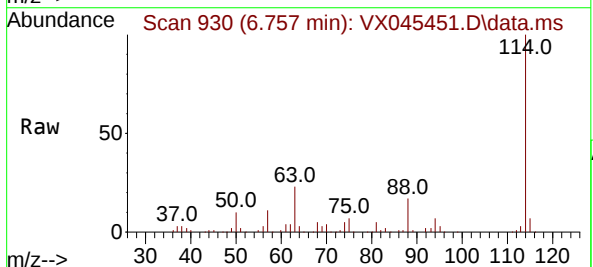
Tgt Ion: 114 Resp: 146192

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 16.7 0.0 32.8

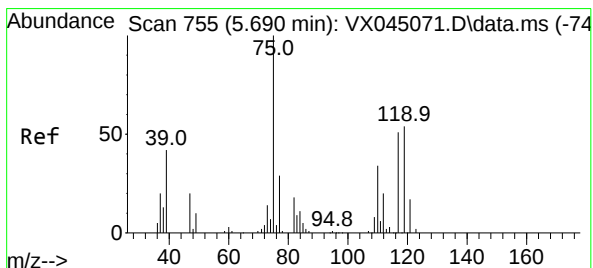
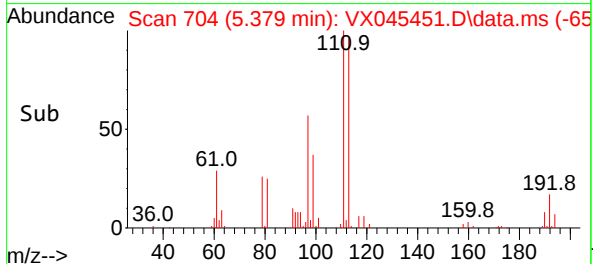
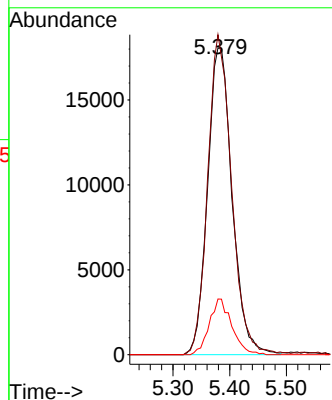
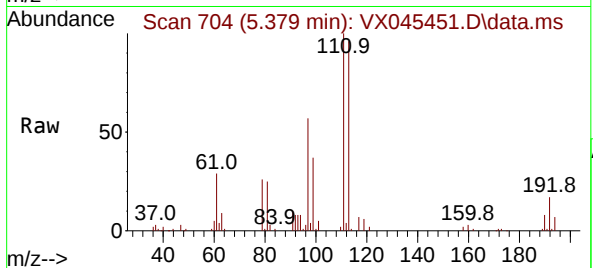




#35
Dibromofluoromethane
Concen: 55.635 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

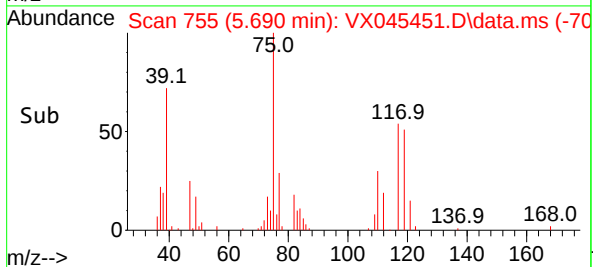
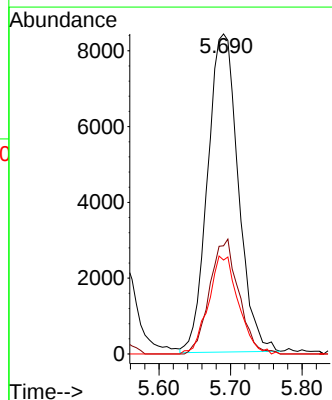
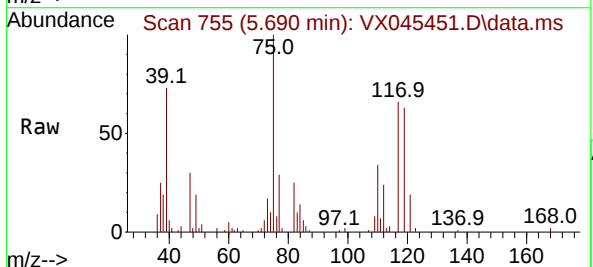
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

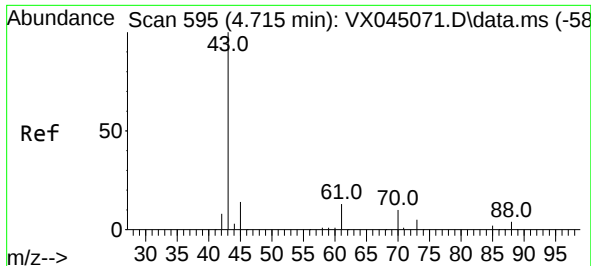
Tgt Ion:113 Resp: 54386
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 16.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 18.665 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 75 Resp: 25023
Ion Ratio Lower Upper
75 100
110 34.2 16.9 50.6
77 30.1 24.5 36.7

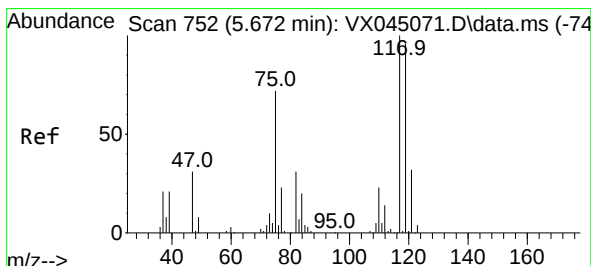
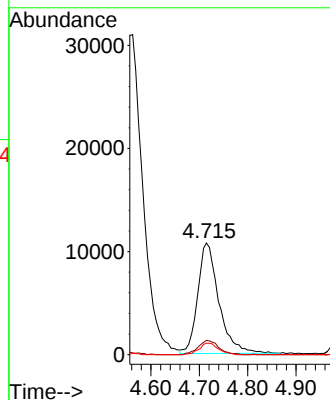
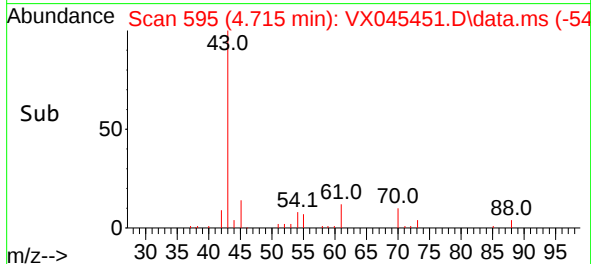
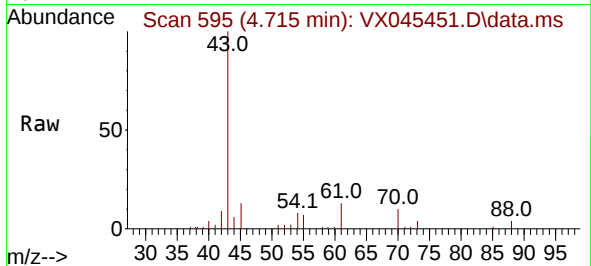




#37
Ethyl Acetate
Concen: 18.802 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

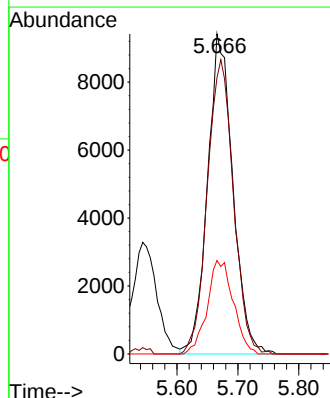
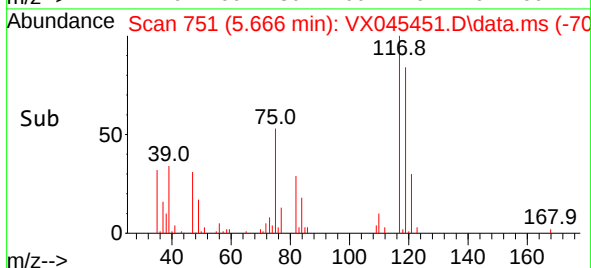
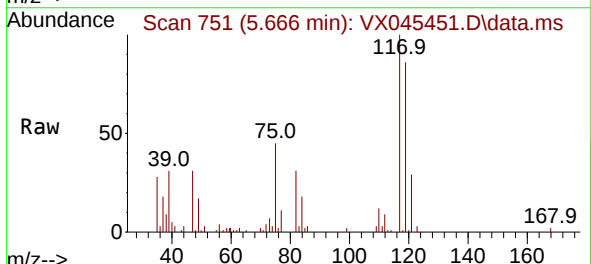
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

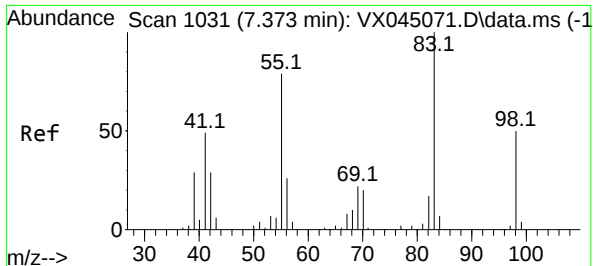
Tgt Ion: 43 Resp: 32480
Ion Ratio Lower Upper
43 100
61 12.6 10.8 16.2
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.952 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 117 Resp: 27155
Ion Ratio Lower Upper
117 100
119 86.3 76.7 115.1
121 29.2 25.5 38.3





#39

Methylcyclohexane

Concen: 18.699 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

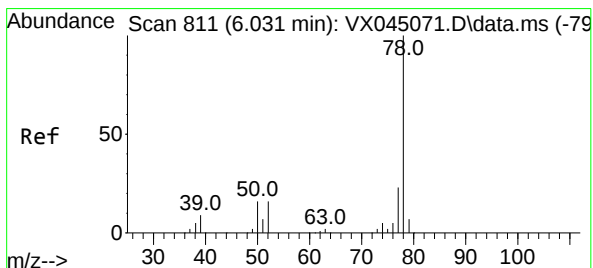
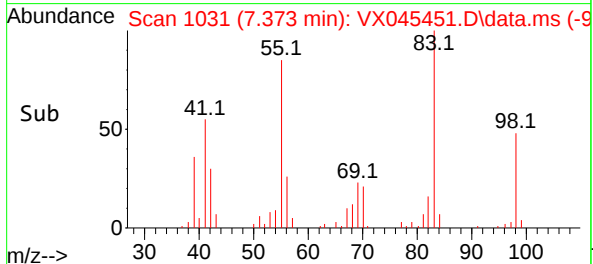
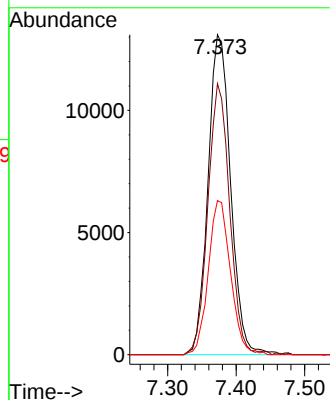
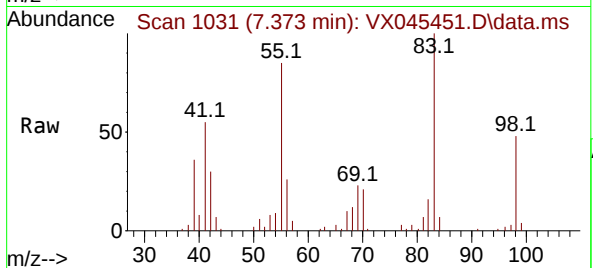
Tgt Ion: 83 Resp: 30037

Ion Ratio Lower Upper

83 100

55 84.7 63.0 94.4

98 48.1 39.7 59.5



#40

Benzene

Concen: 19.067 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045451.D

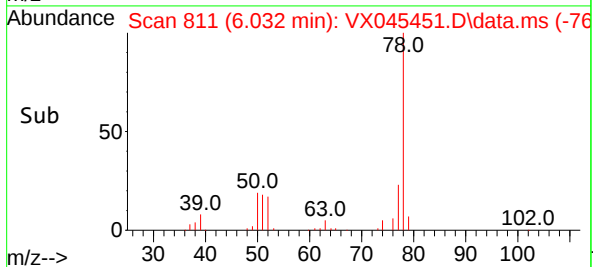
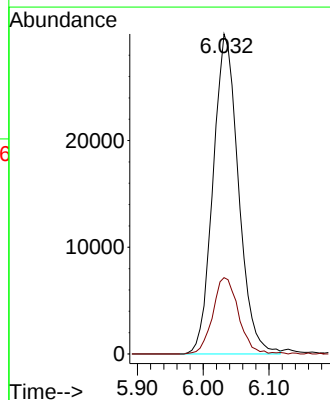
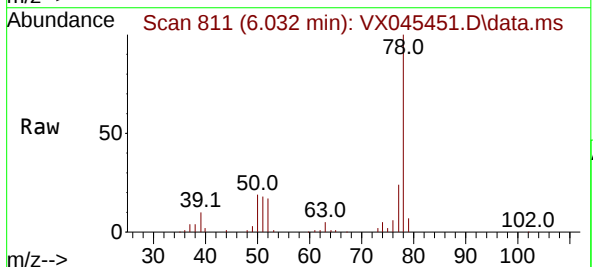
Acq: 25 Mar 2025 19:28

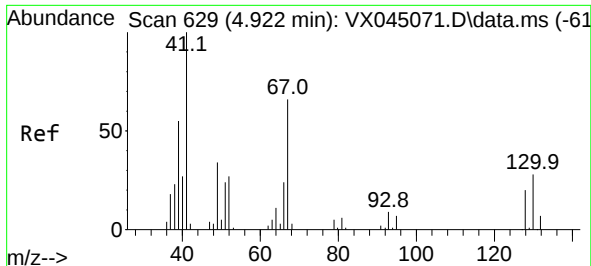
Tgt Ion: 78 Resp: 80717

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

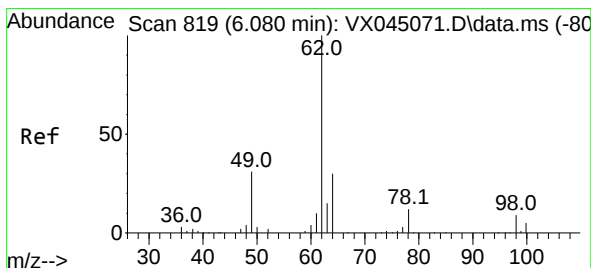
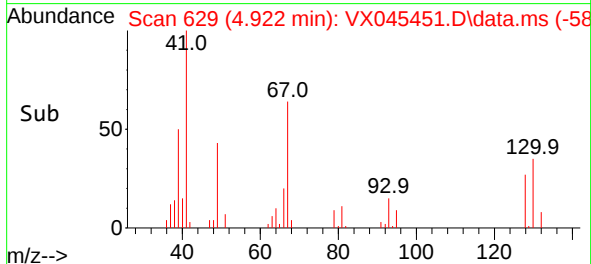
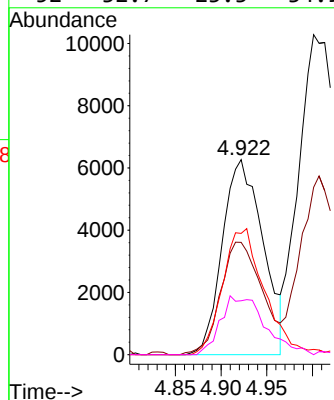
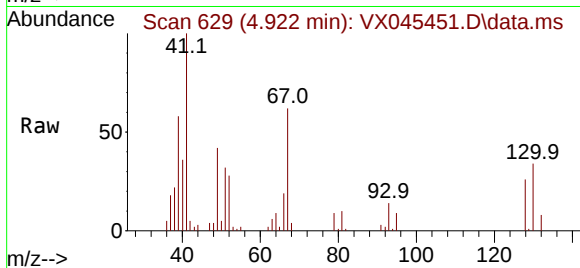




#41
Methacrylonitrile
Concen: 20.765 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

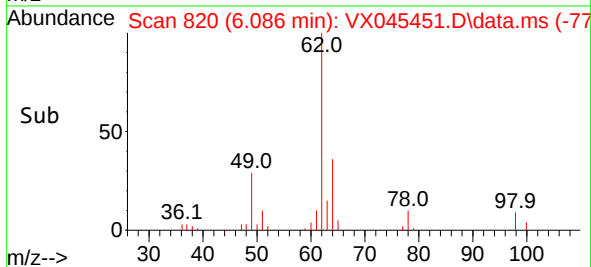
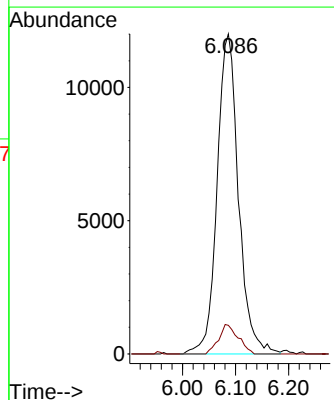
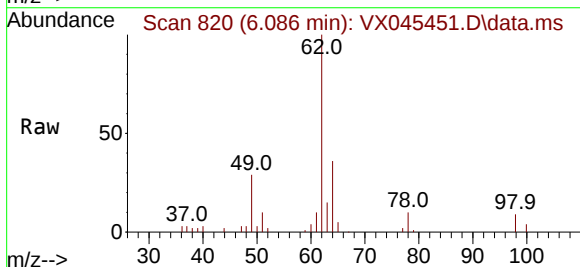
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

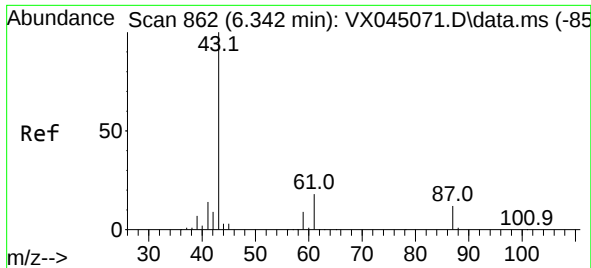
Tgt Ion:	41	Resp:	19396
Ion	Ratio	Lower	Upper
41	100		
39	58.8	44.6	67.0
67	66.8	53.9	80.9
52	32.7	23.3	34.9



#42
1,2-Dichloroethane
Concen: 22.046 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion:	62	Resp:	33607
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.2

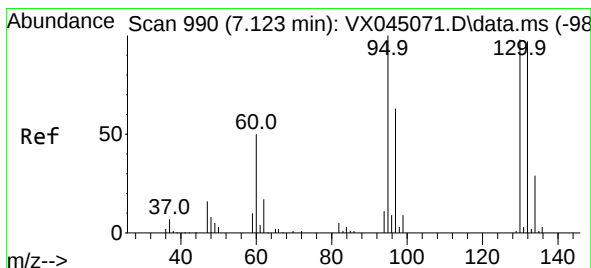
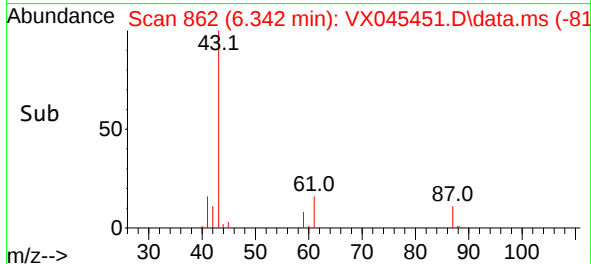
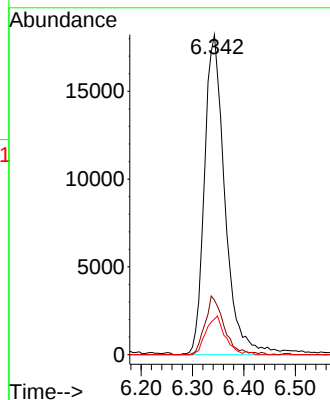
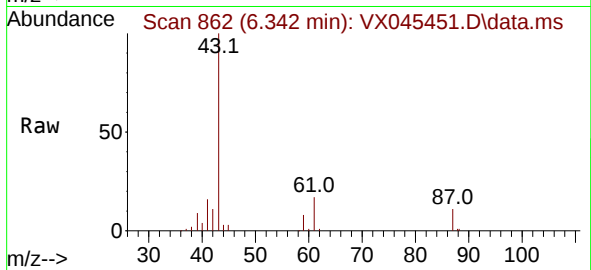




#43
Isopropyl Acetate
Concen: 19.711 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

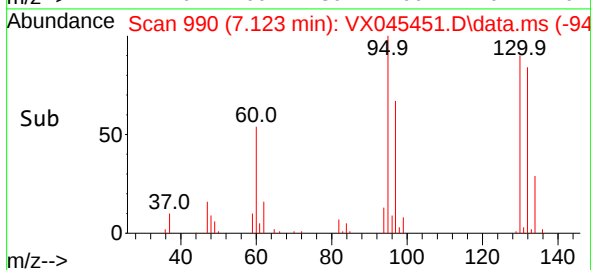
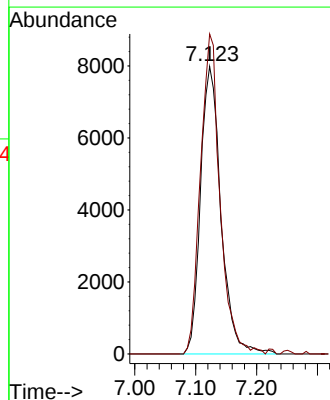
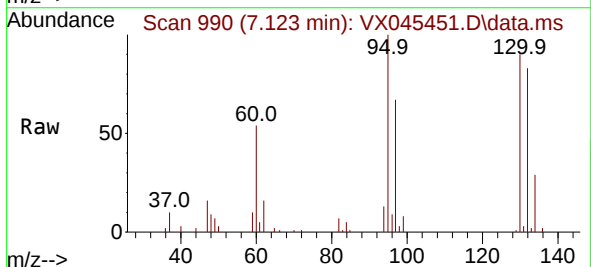
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

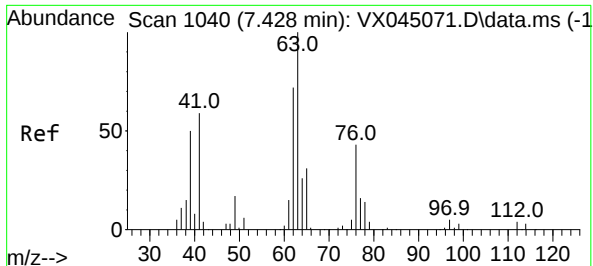
Tgt Ion: 43 Resp: 50351
Ion Ratio Lower Upper
43 100
61 17.1 14.9 22.3
87 11.1 9.4 14.2



#44
Trichloroethene
Concen: 18.746 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion:130 Resp: 18634
Ion Ratio Lower Upper
130 100
95 111.3 0.0 205.0





#45

1,2-Dichloropropane

Concen: 19.369 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

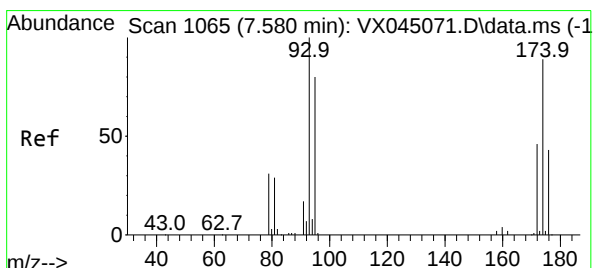
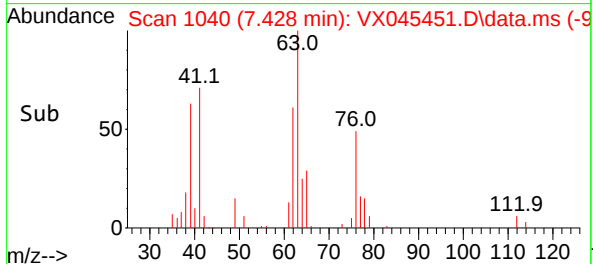
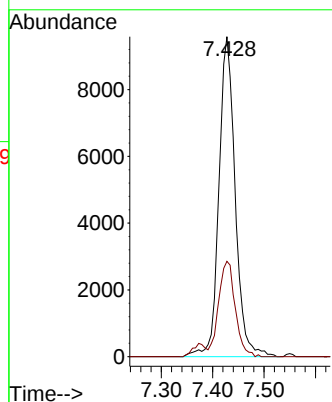
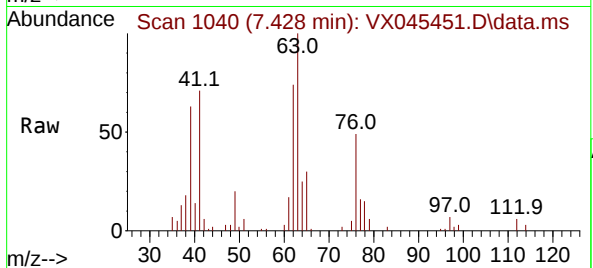
VX0325WBSD02

Tgt Ion: 63 Resp: 21082

Ion Ratio Lower Upper

63 100

65 29.8 24.7 37.1



#46

Dibromomethane

Concen: 21.010 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

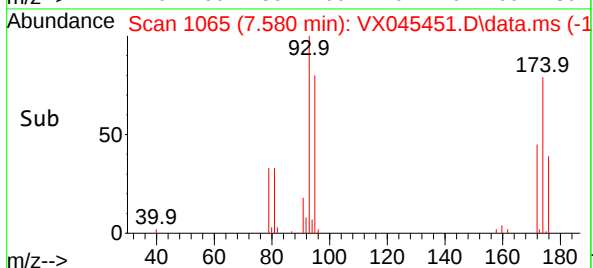
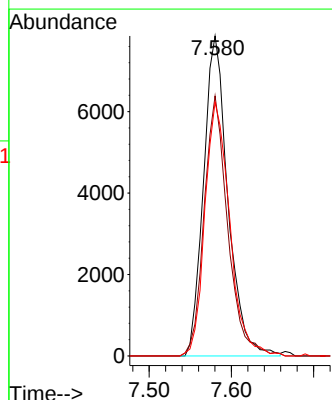
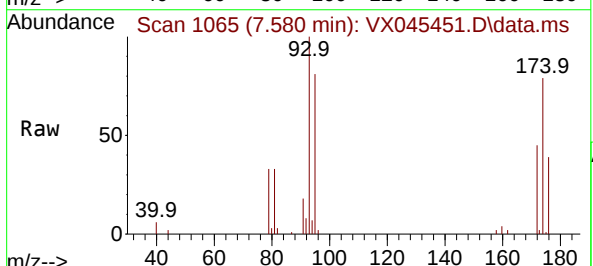
Tgt Ion: 93 Resp: 16163

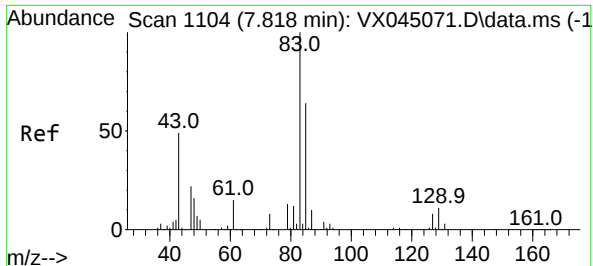
Ion Ratio Lower Upper

93 100

95 78.9 65.8 98.8

174 80.9 72.2 108.2

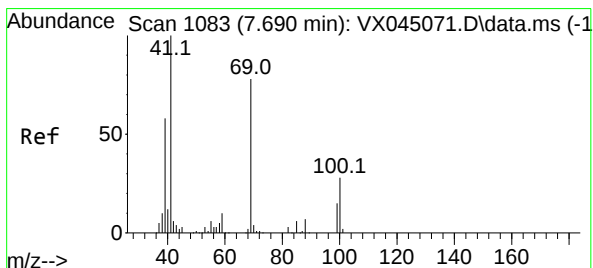
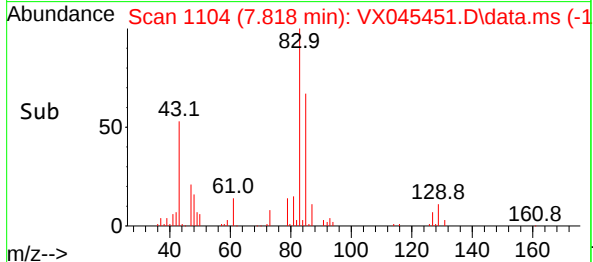
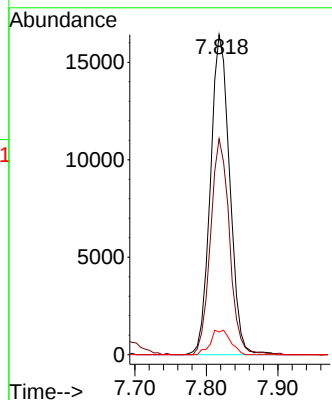
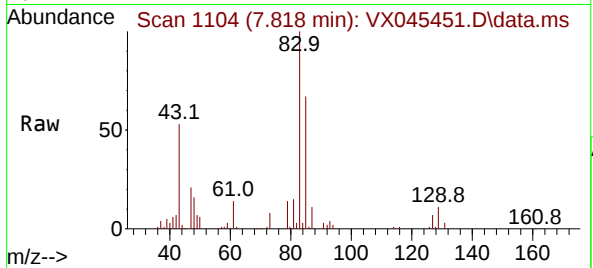




#47
Bromodichloromethane
Concen: 20.382 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

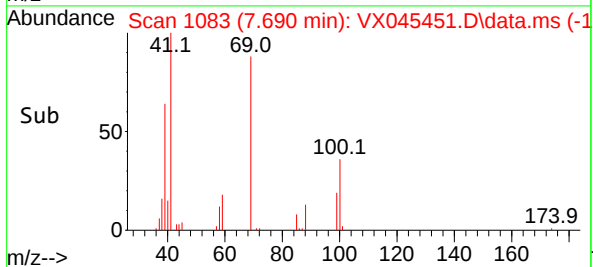
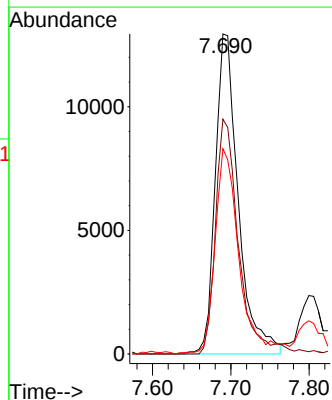
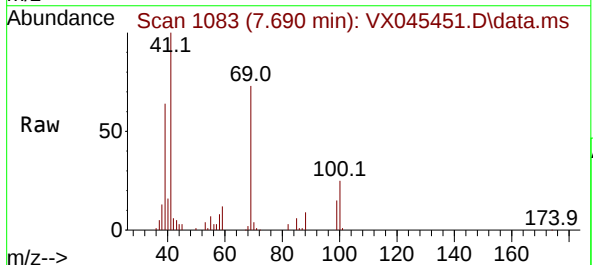
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

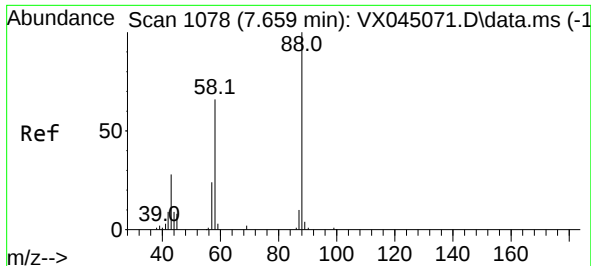
Tgt Ion: 83 Resp: 30756
Ion Ratio Lower Upper
83 100
85 67.4 51.1 76.7
127 7.1 6.4 9.6



#48
Methyl methacrylate
Concen: 20.598 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 41 Resp: 26397
Ion Ratio Lower Upper
41 100
69 74.2 63.0 94.6
39 67.6 47.5 71.3

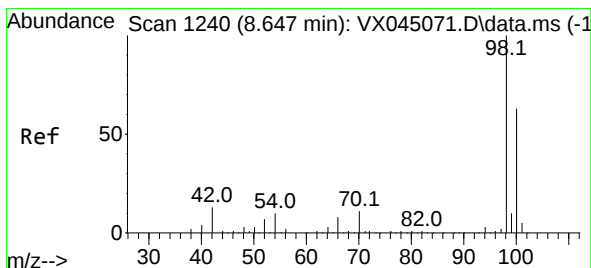
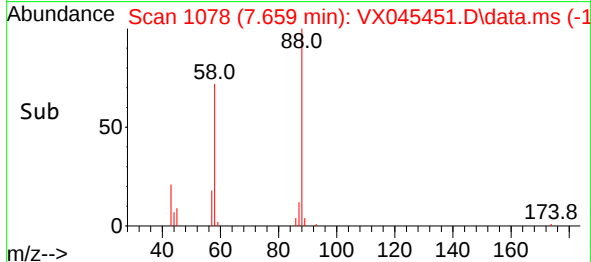
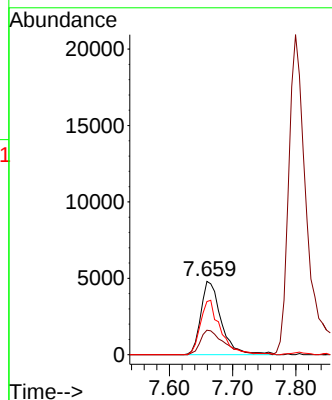
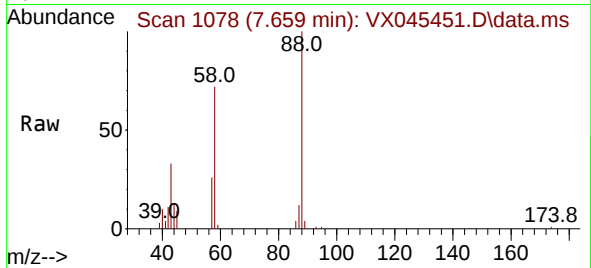




#49
1,4-Dioxane
Concen: 396.856 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

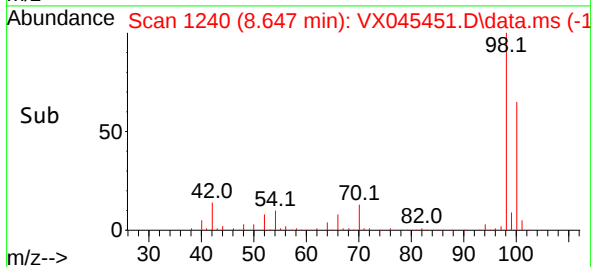
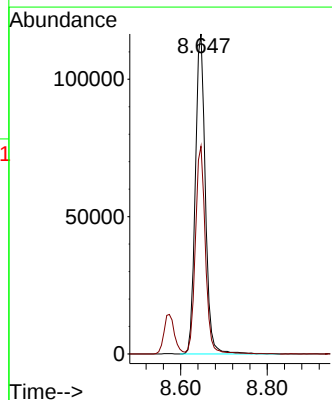
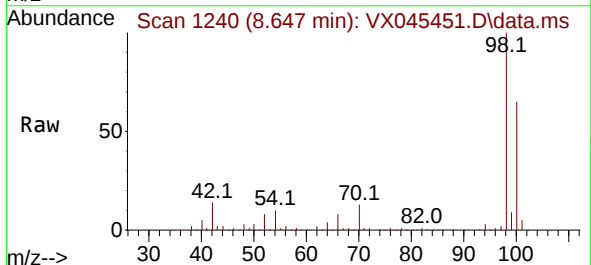
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

Tgt Ion: 88 Resp: 10728
Ion Ratio Lower Upper
88 100
43 40.2 28.7 43.1
58 72.4 55.8 83.8



#50
Toluene-d8
Concen: 52.734 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 98 Resp: 186886
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

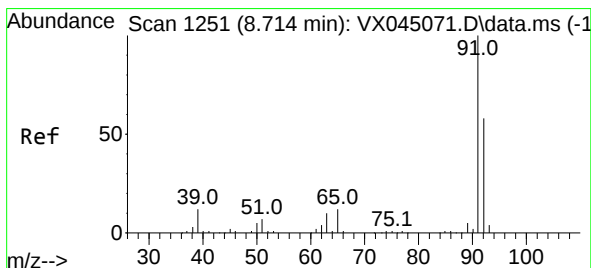
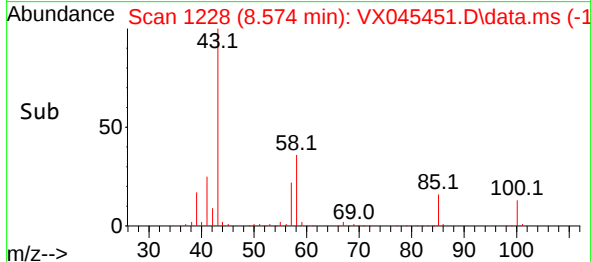
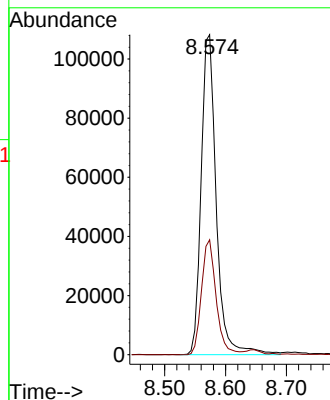
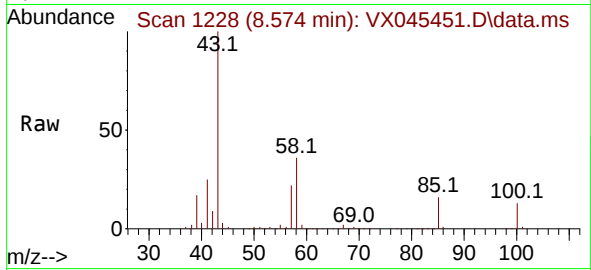




#51
4-Methyl-2-Pentanone
Concen: 108.790 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

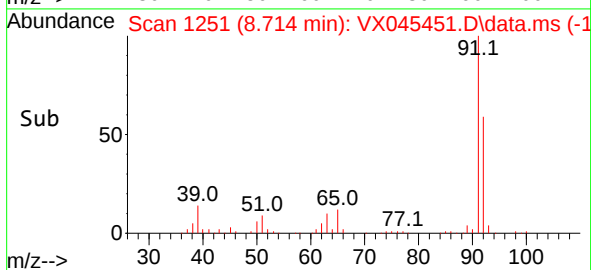
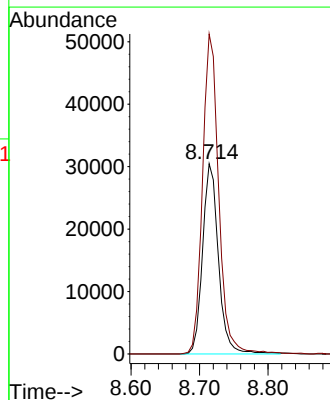
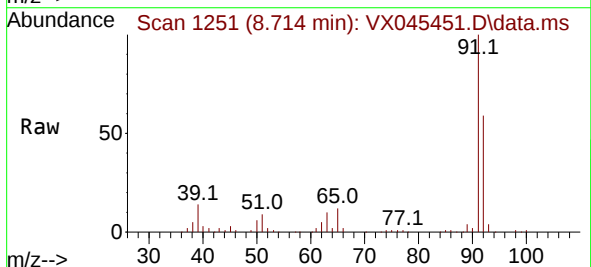
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

Tgt Ion: 43 Resp: 186592
Ion Ratio Lower Upper
43 100
58 34.7 29.2 43.8



#52
Toluene
Concen: 19.774 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 92 Resp: 49113
Ion Ratio Lower Upper
92 100
91 171.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 18.734 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

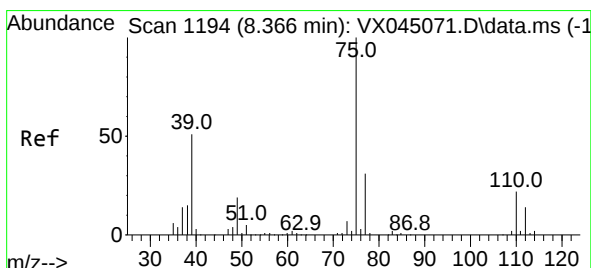
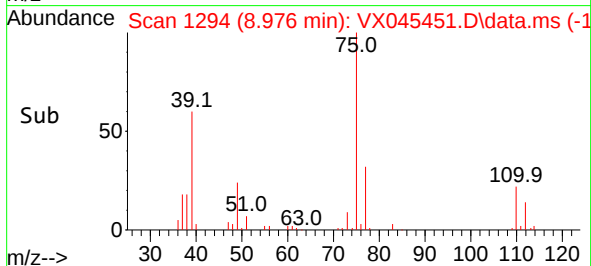
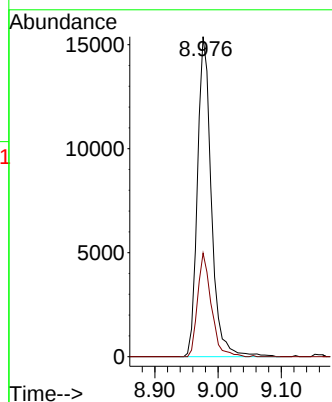
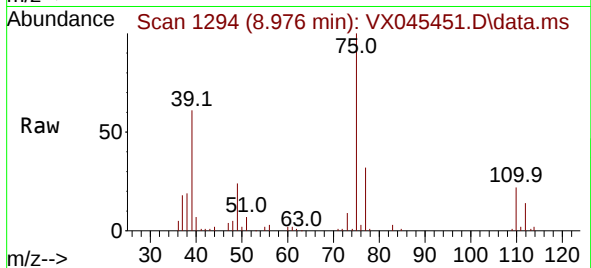
VX0325WBSD02

Tgt Ion: 75 Resp: 23634

Ion Ratio Lower Upper

75 100

77 32.3 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 19.081 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

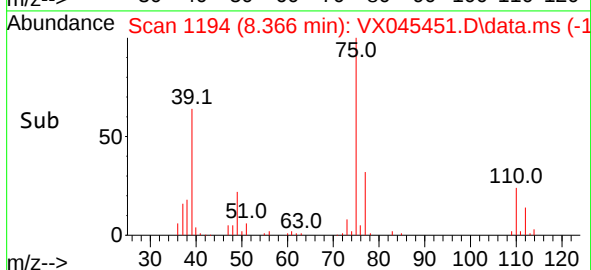
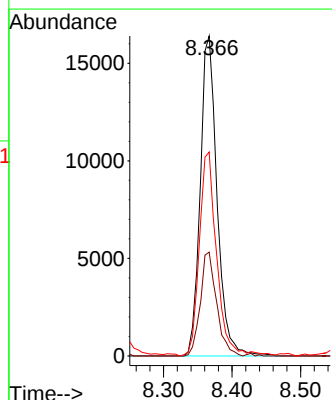
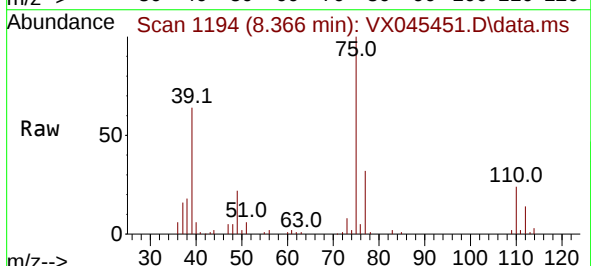
Tgt Ion: 75 Resp: 28070

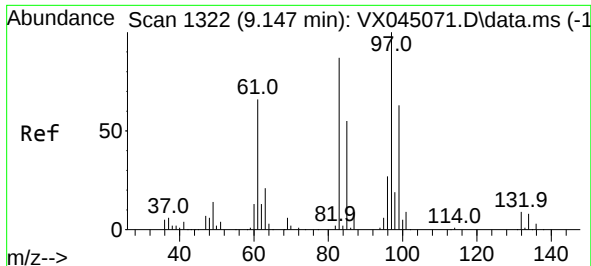
Ion Ratio Lower Upper

75 100

77 32.5 24.7 37.1

39 63.7 40.7 61.1#

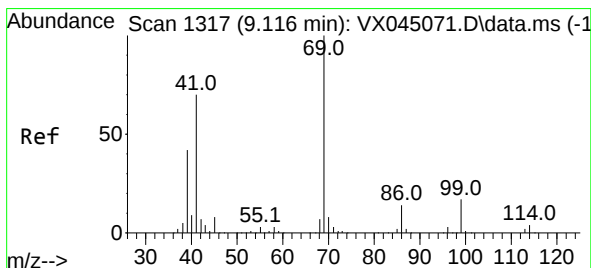
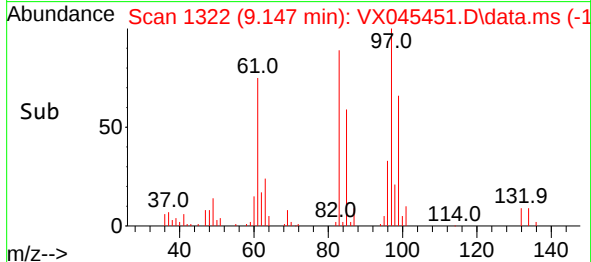
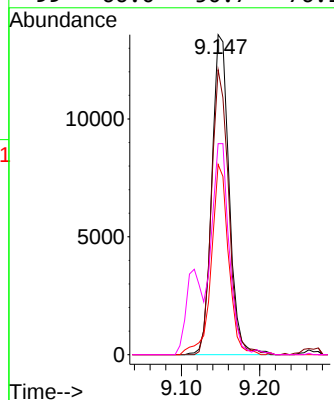
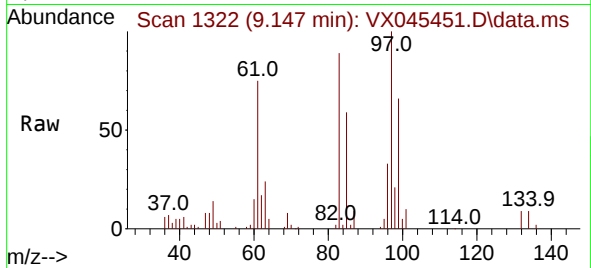




#55
 1,1,2-Trichloroethane
 Concen: 20.297 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX045451.D
 Acq: 25 Mar 2025 19:28

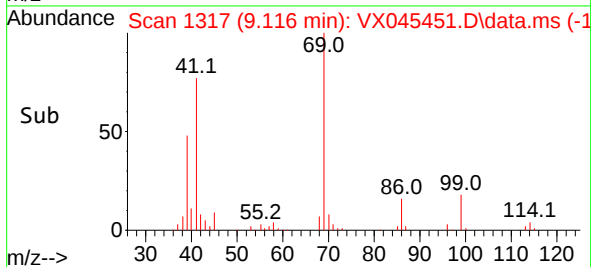
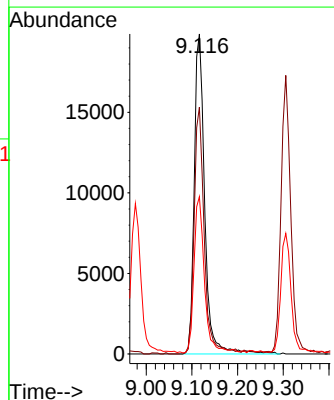
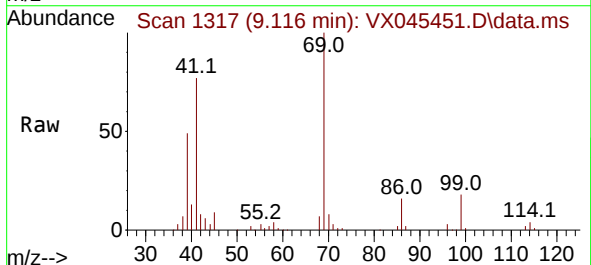
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD02

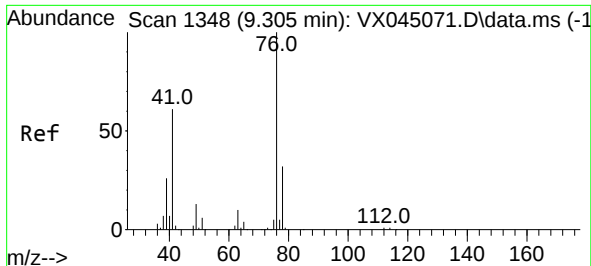
Tgt Ion:	97	Resp:	20754
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.4	104.2
85	59.4	44.1	66.1
99	66.0	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 20.317 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX045451.D
 Acq: 25 Mar 2025 19:28

Tgt Ion:	69	Resp:	31578
Ion	Ratio	Lower	Upper
69	100		
41	74.0	57.0	85.4
39	49.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 20.661 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

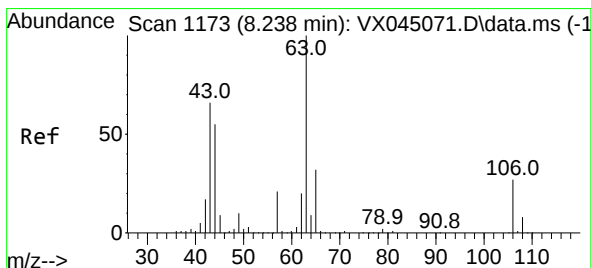
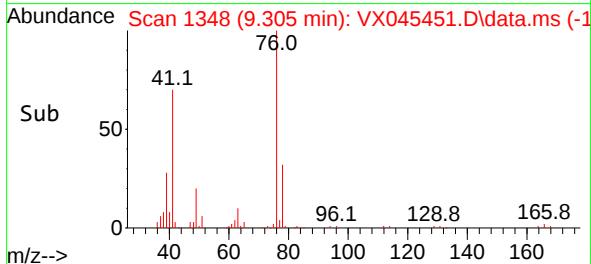
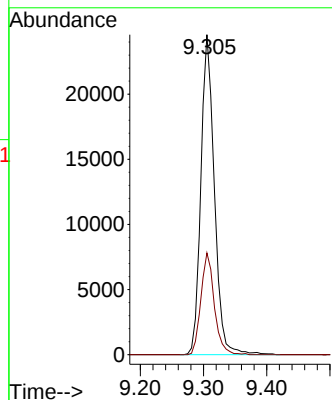
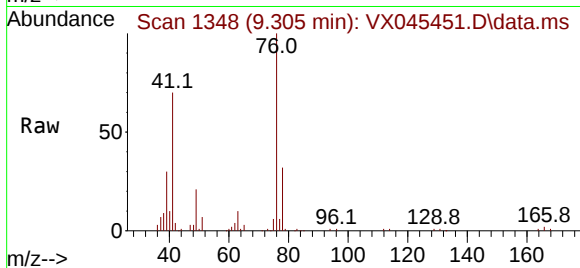
VX0325WBSD02

Tgt Ion: 76 Resp: 36561

Ion Ratio Lower Upper

76 100

78 31.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 108.740 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045451.D

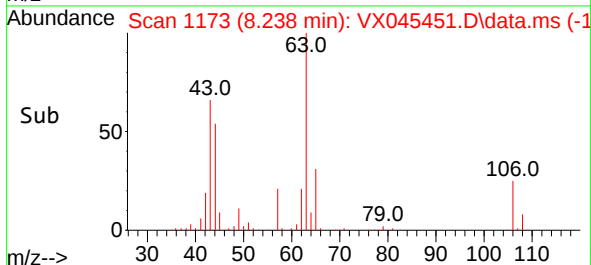
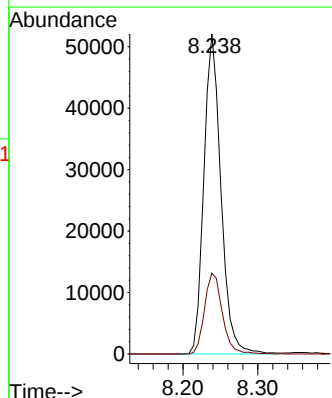
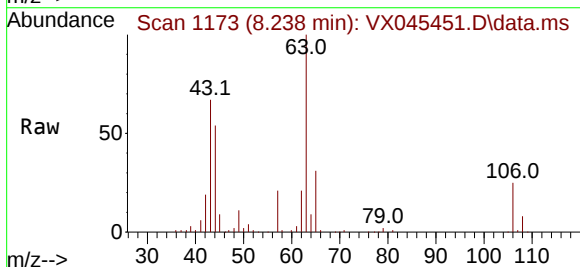
Acq: 25 Mar 2025 19:28

Tgt Ion: 63 Resp: 82446

Ion Ratio Lower Upper

63 100

106 26.4 21.5 32.3





#59

2-Hexanone

Concen: 106.563 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

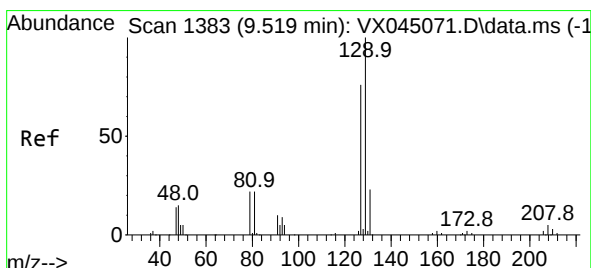
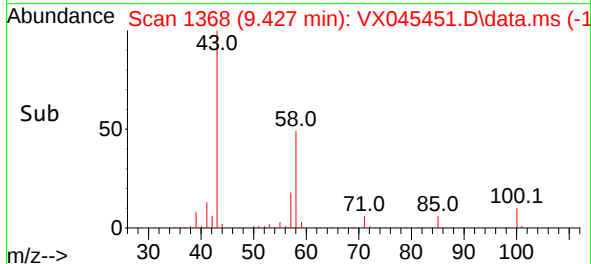
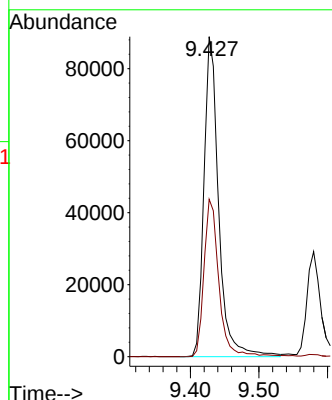
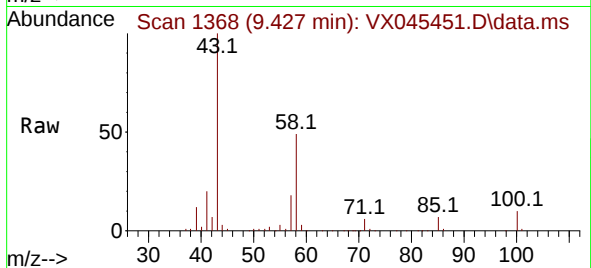
VX0325WBSD02

Tgt Ion: 43 Resp: 132426

Ion Ratio Lower Upper

43 100

58 50.2 25.9 77.6



#60

Dibromochloromethane

Concen: 20.546 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045451.D

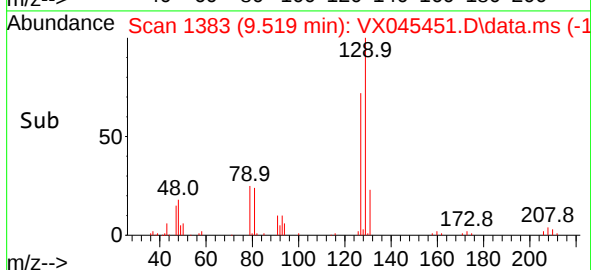
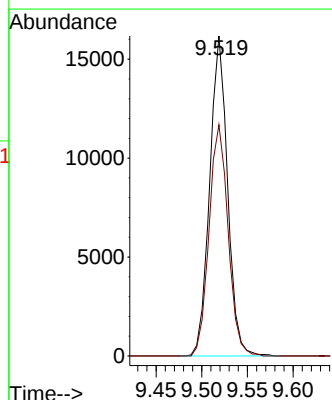
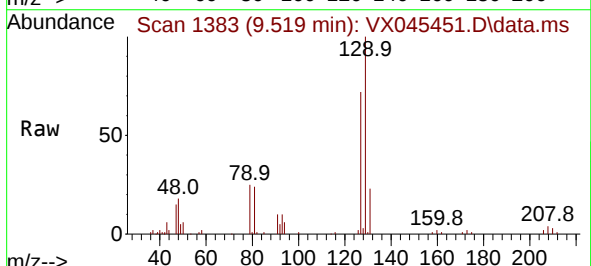
Acq: 25 Mar 2025 19:28

Tgt Ion: 129 Resp: 21966

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.5

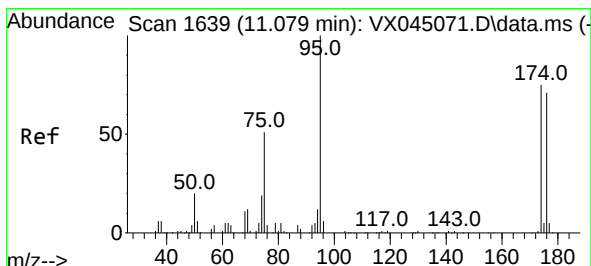
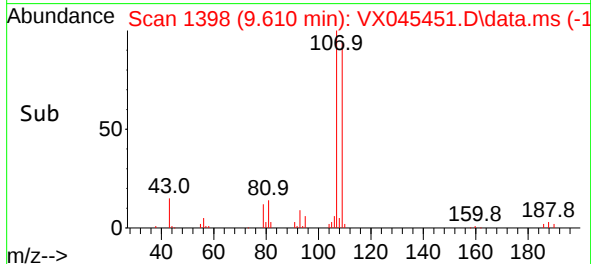
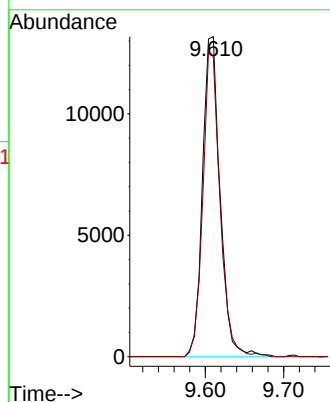
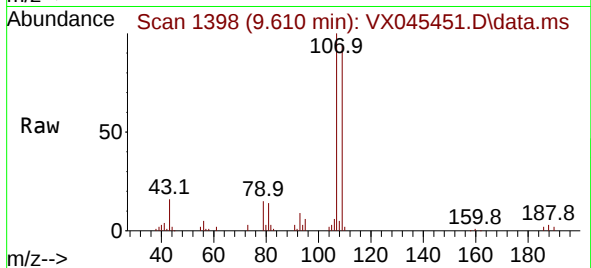




#61
1,2-Dibromoethane
Concen: 20.138 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

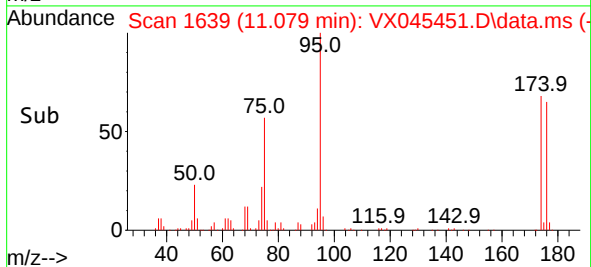
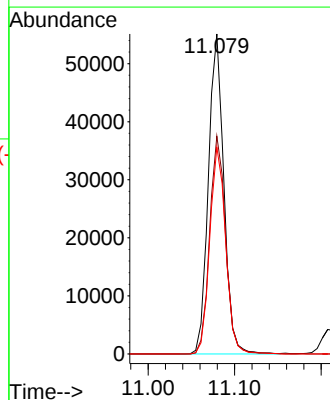
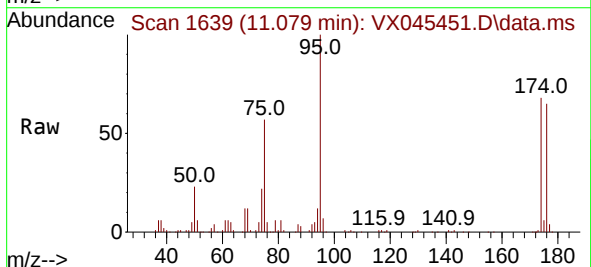
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

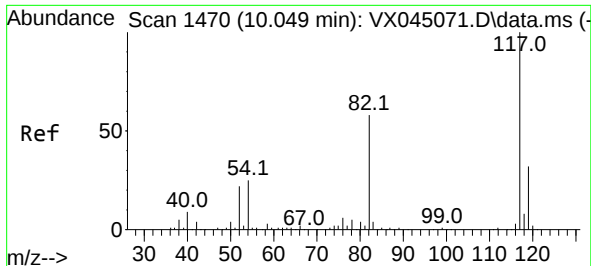
Tgt Ion:107 Resp: 20556
Ion Ratio Lower Upper
107 100
109 93.5 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 58.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 95 Resp: 68368
Ion Ratio Lower Upper
95 100
174 70.2 0.0 148.2
176 66.4 0.0 141.4

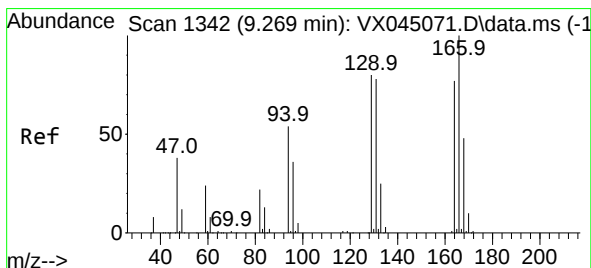
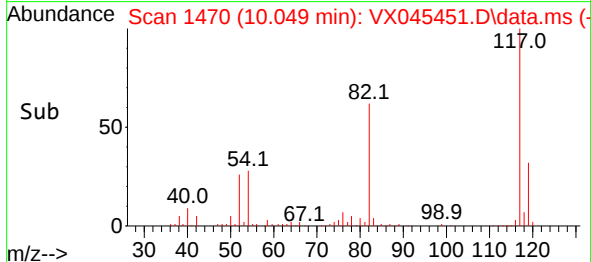
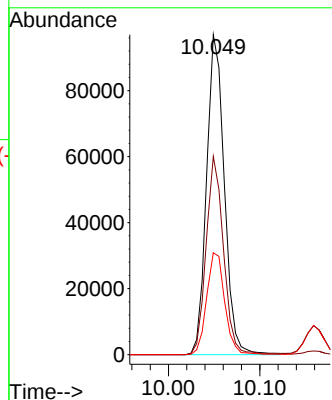
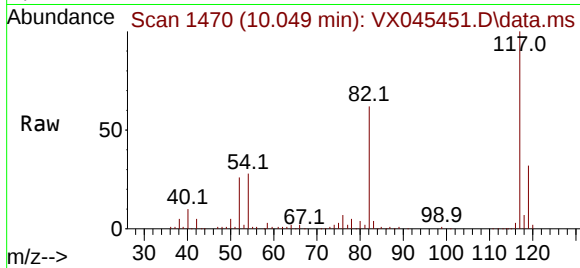




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

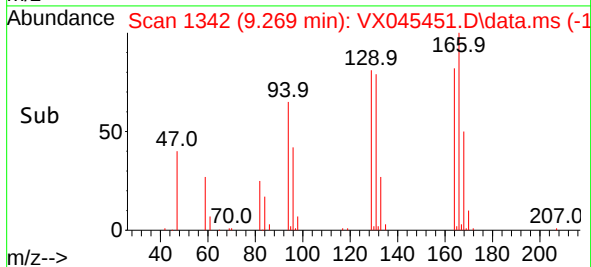
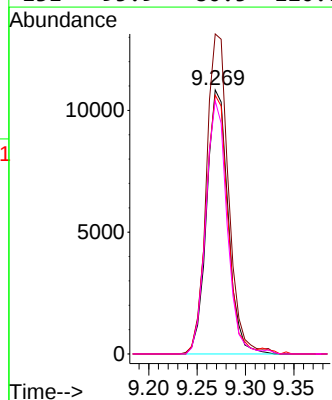
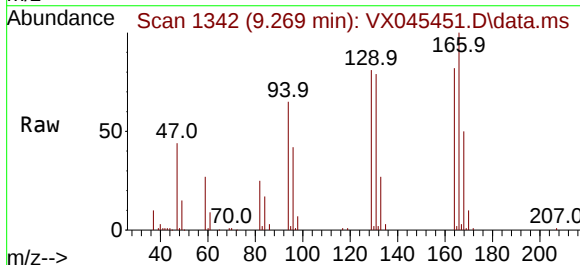
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

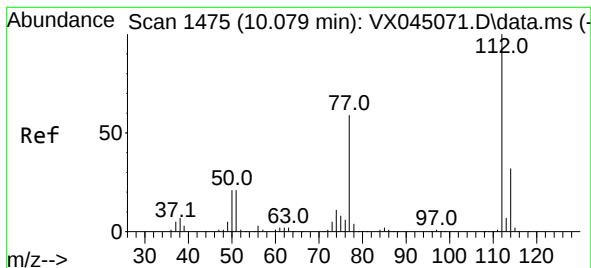
Tgt Ion:117 Resp: 130649
Ion Ratio Lower Upper
117 100
82 61.9 46.3 69.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 19.970 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion:164 Resp: 16710
Ion Ratio Lower Upper
164 100
166 121.2 103.6 155.4
129 98.0 82.7 124.1
131 95.9 80.5 120.7

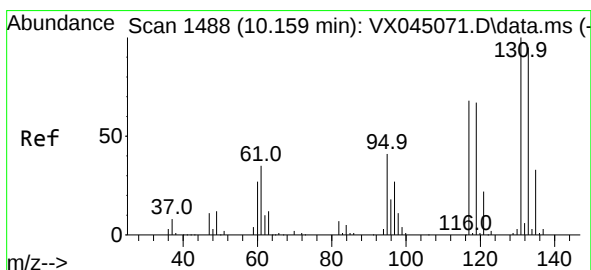
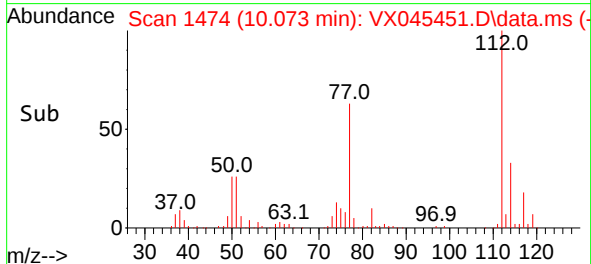
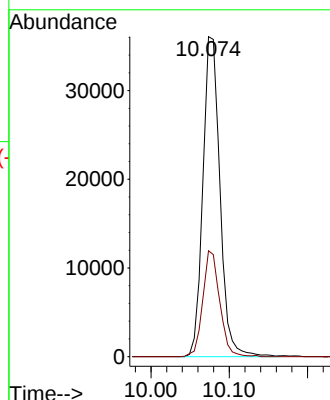
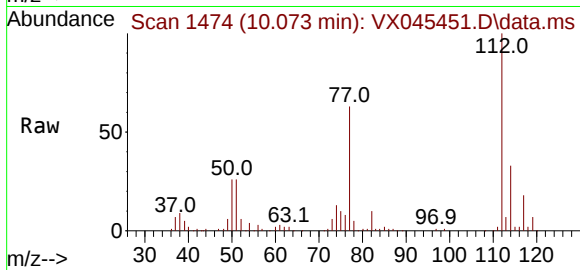




#65
Chlorobenzene
Concen: 19.806 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

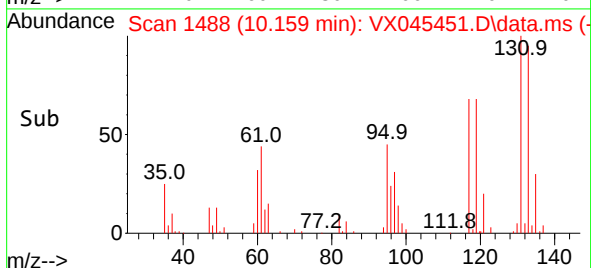
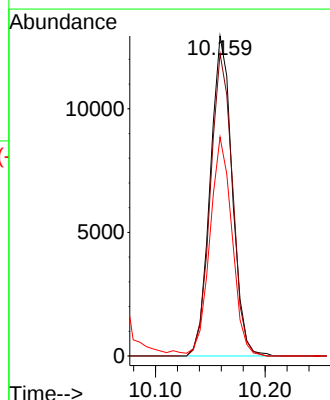
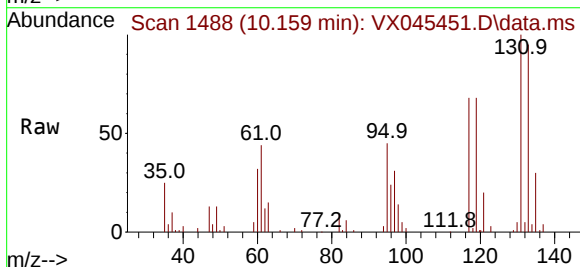
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

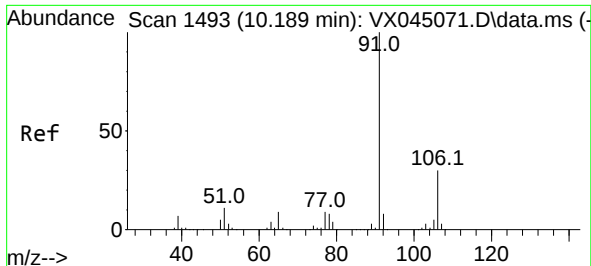
Tgt Ion:112 Resp: 54753
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.559 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion:131 Resp: 18007
Ion Ratio Lower Upper
131 100
133 95.1 48.6 145.9
119 68.7 33.9 101.7





#67

Ethyl Benzene

Concen: 19.762 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

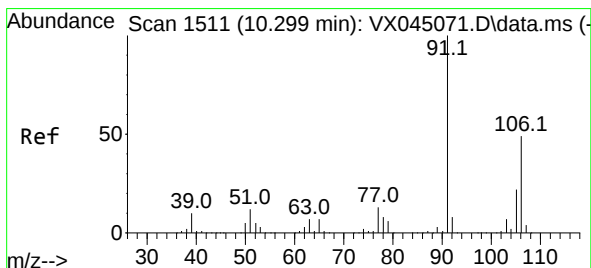
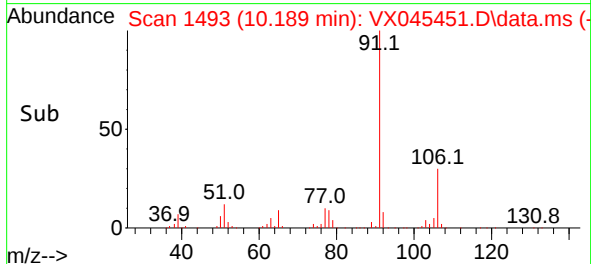
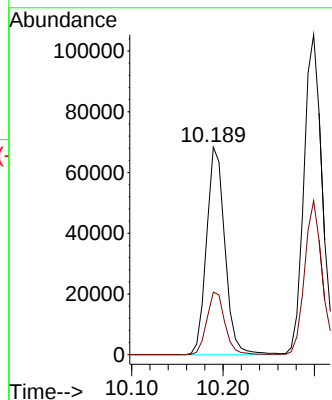
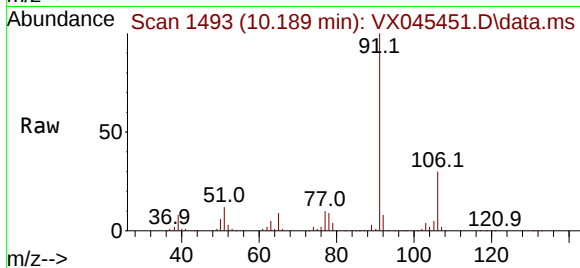
VX0325WBSD02

Tgt Ion: 91 Resp: 95195

Ion Ratio Lower Upper

91 100

106 30.1 23.9 35.9



#68

m/p-Xylenes

Concen: 39.341 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045451.D

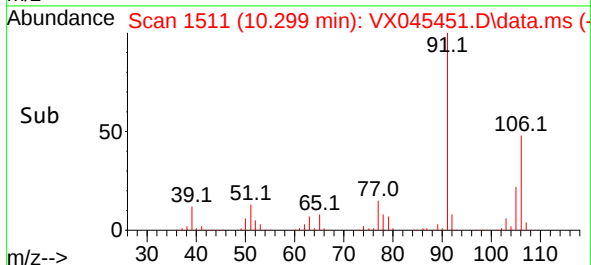
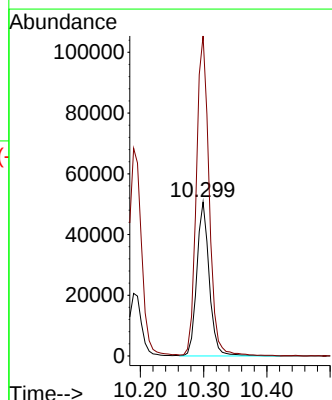
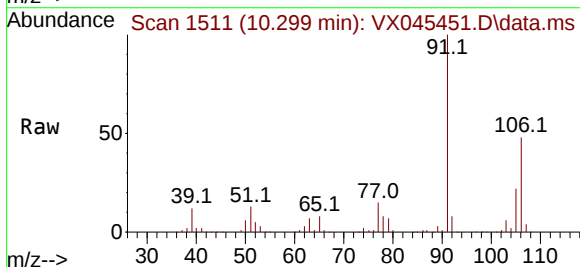
Acq: 25 Mar 2025 19:28

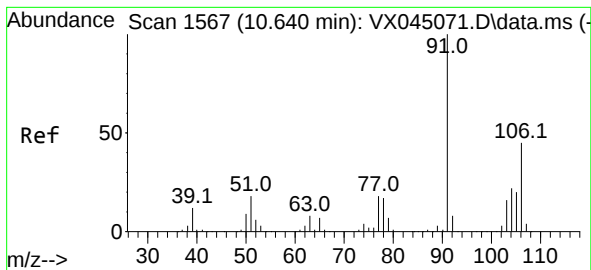
Tgt Ion:106 Resp: 69373

Ion Ratio Lower Upper

106 100

91 213.7 165.4 248.0





#69

o-Xylene

Concen: 19.739 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

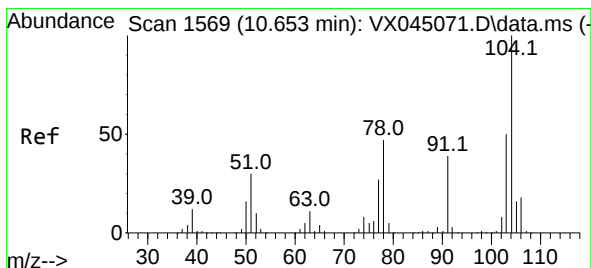
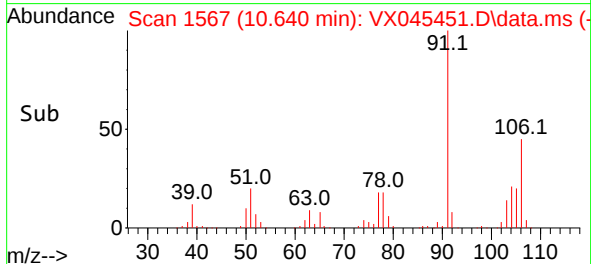
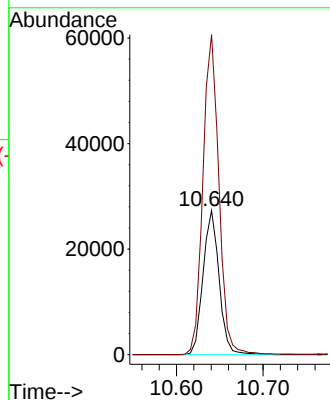
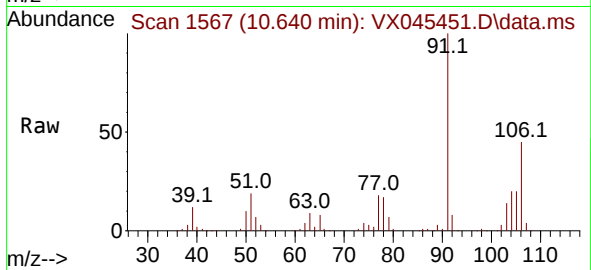
VX0325WBSD02

Tgt Ion:106 Resp: 35106

Ion Ratio Lower Upper

106 100

91 222.1 109.9 329.6



#70

Styrene

Concen: 20.003 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

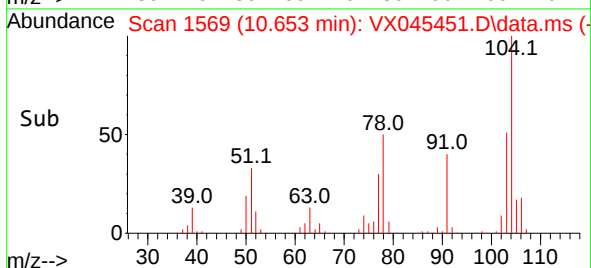
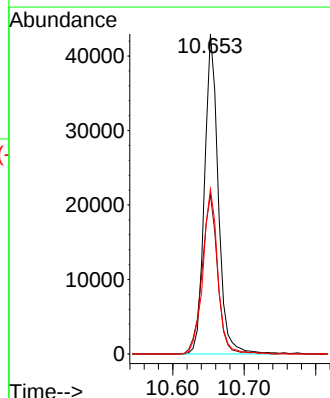
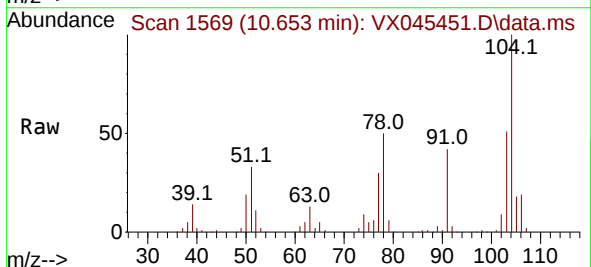
Tgt Ion:104 Resp: 57562

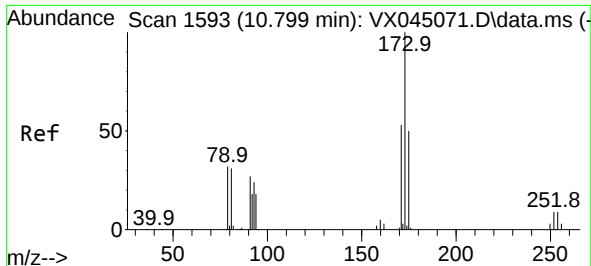
Ion Ratio Lower Upper

104 100

78 55.9 42.2 63.4

103 55.7 43.8 65.8

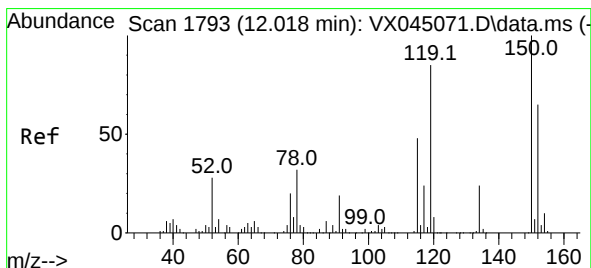
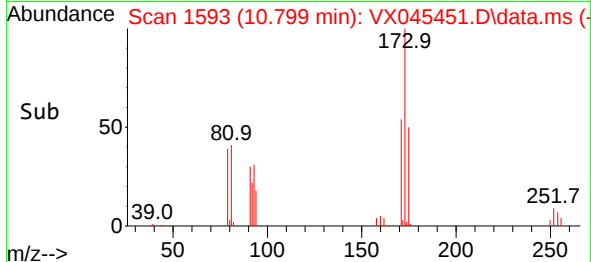
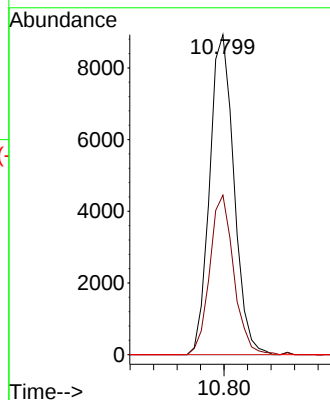
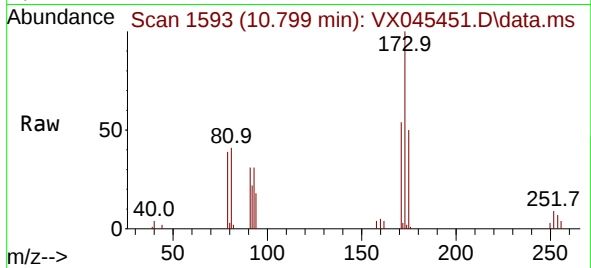




#71
Bromoform
Concen: 18.466 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

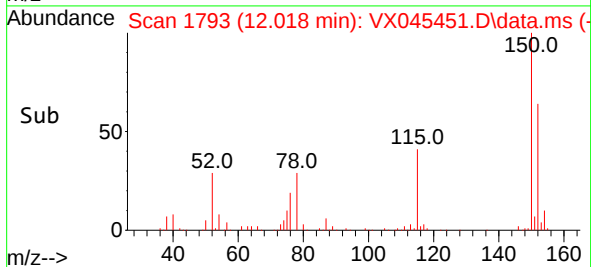
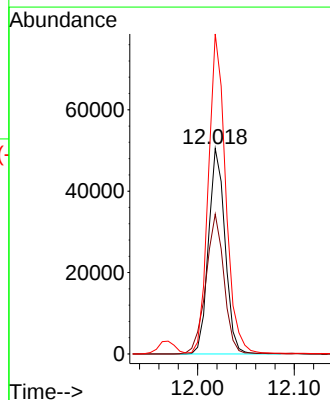
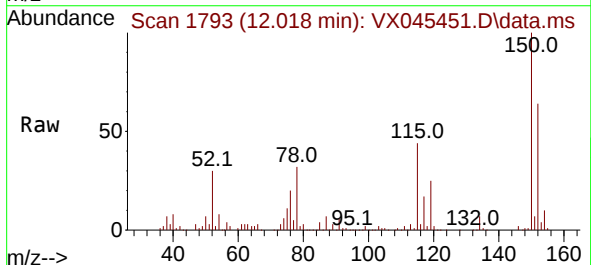
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

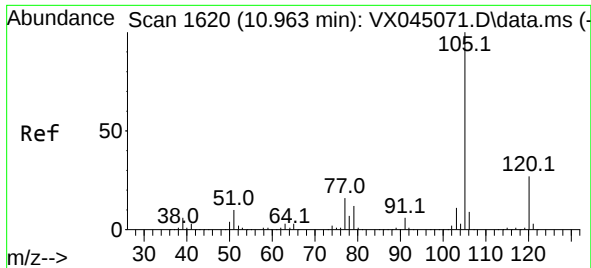
Tgt Ion:173 Resp: 12820
Ion Ratio Lower Upper
173 100
175 49.5 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion:152 Resp: 60119
Ion Ratio Lower Upper
152 100
115 74.7 44.2 132.6
150 163.3 0.0 349.0

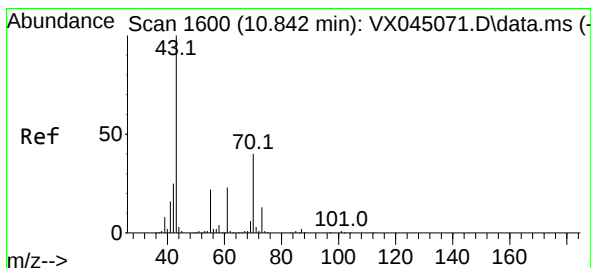
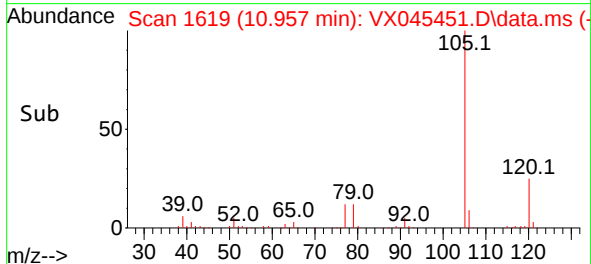
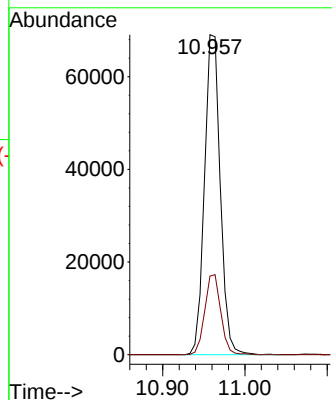
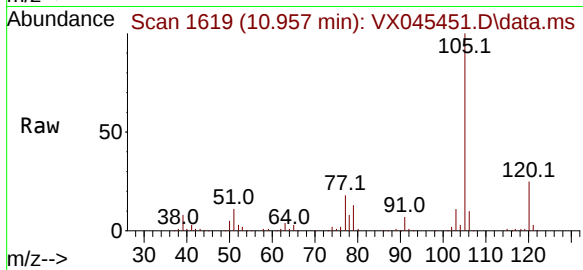




#73
Isopropylbenzene
Concen: 19.632 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

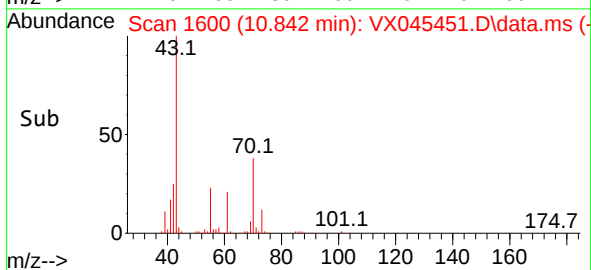
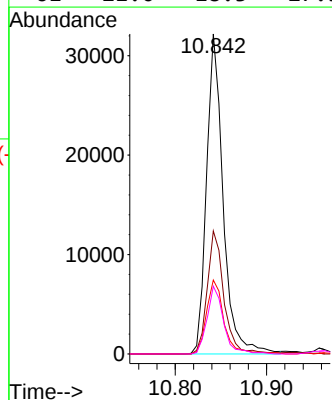
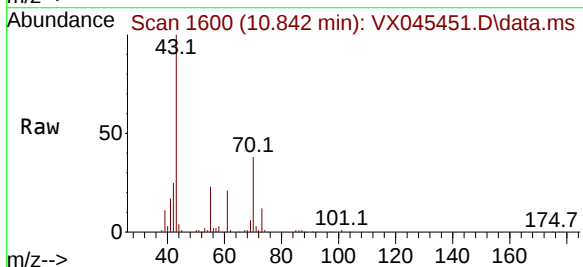
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

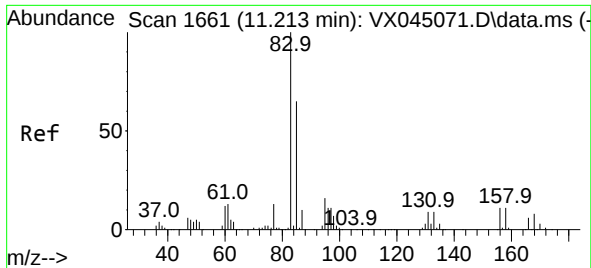
Tgt Ion:105 Resp: 92124
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5



#74
N-ethyl acetate
Concen: 18.415 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 43 Resp: 40547
Ion Ratio Lower Upper
43 100
70 38.5 31.8 47.6
55 24.3 18.3 27.5
61 21.0 18.3 27.5

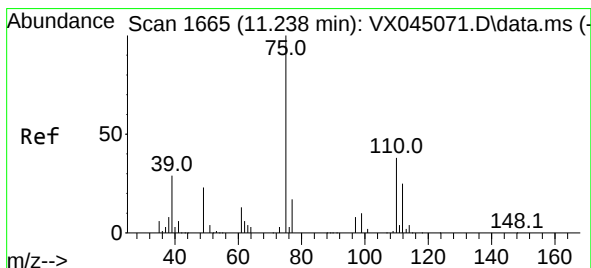
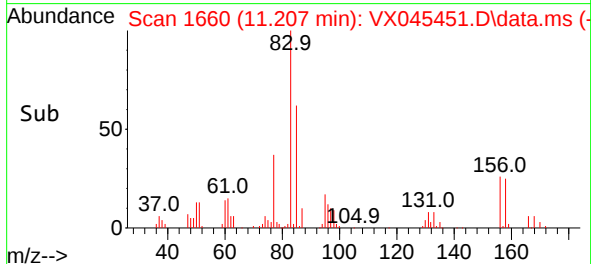
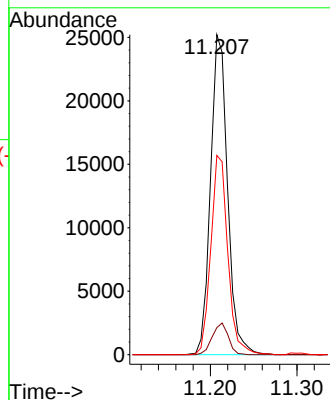
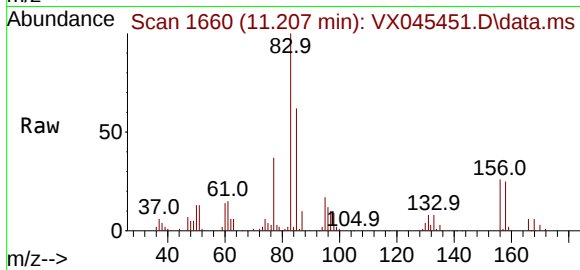




#75
1,1,2-Tetrachloroethane
Concen: 19.989 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

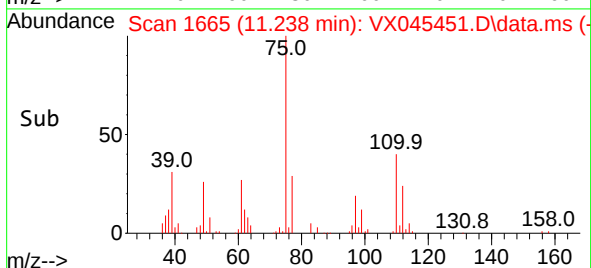
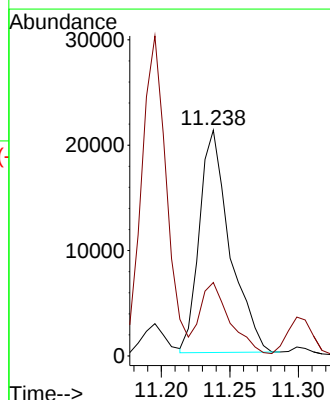
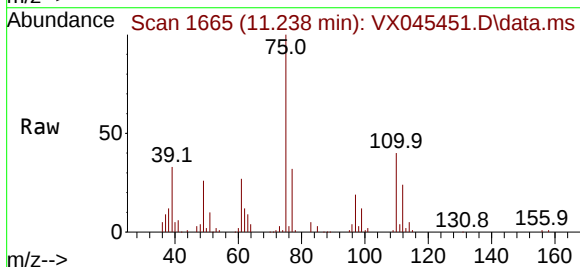
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

Tgt Ion: 83 Resp: 34421
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 62.2 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 23.384 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 75 Resp: 32720
Ion Ratio Lower Upper
75 100
77 33.0 20.7 62.1





#77

Bromobenzene

Concen: 19.051 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

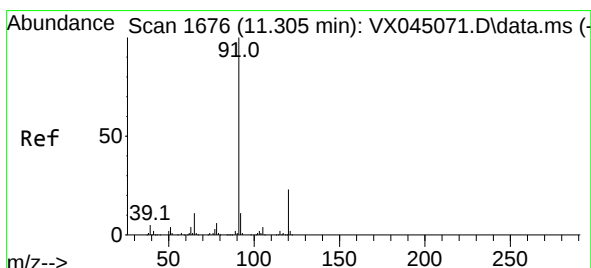
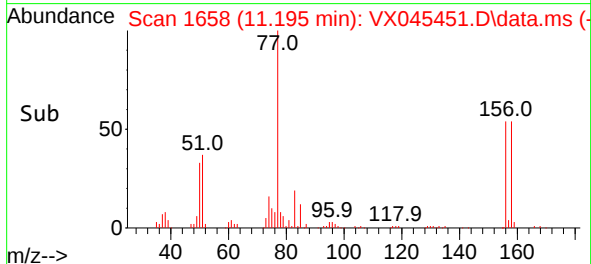
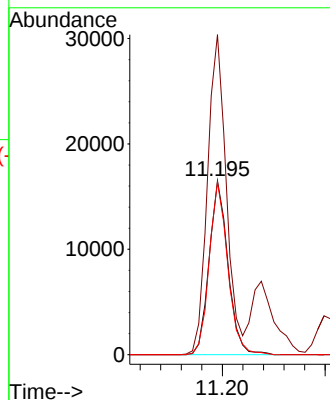
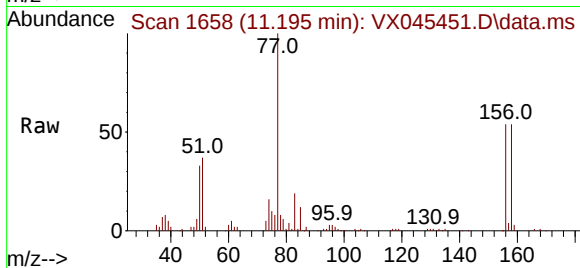
Tgt Ion:156 Resp: 21092

Ion Ratio Lower Upper

156 100

77 182.9 85.8 257.4

158 97.6 48.4 145.2



#78

n-propylbenzene

Concen: 19.764 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX045451.D

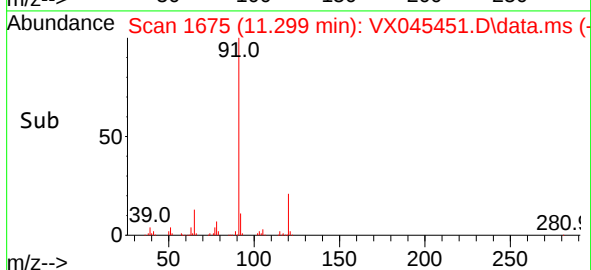
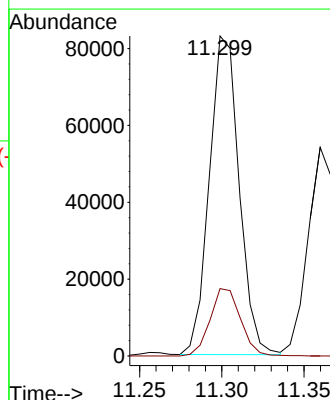
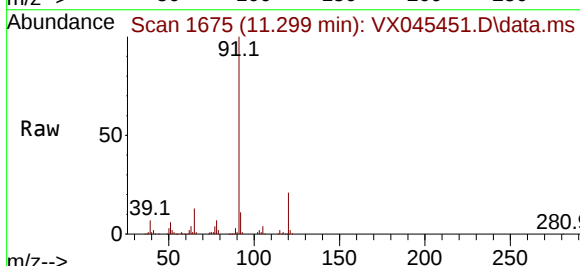
Acq: 25 Mar 2025 19:28

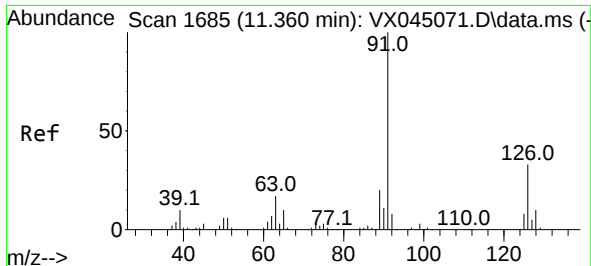
Tgt Ion: 91 Resp: 104762

Ion Ratio Lower Upper

91 100

120 21.6 11.2 33.6





#79

2-Chlorotoluene

Concen: 20.265 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

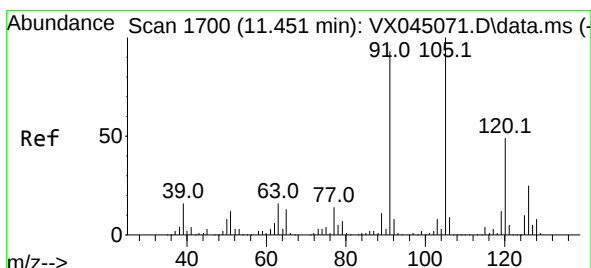
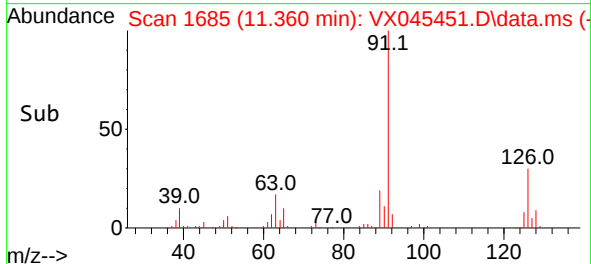
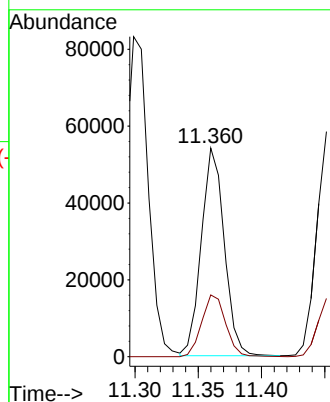
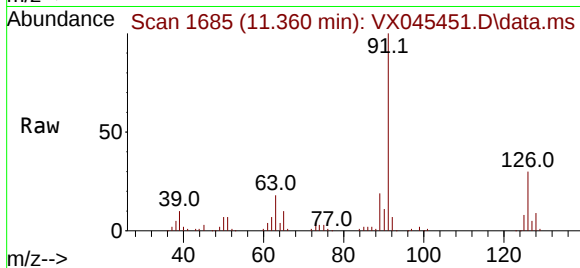
VX0325WBSD02

Tgt Ion: 91 Resp: 68411

Ion Ratio Lower Upper

91 100

126 31.1 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 20.187 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045451.D

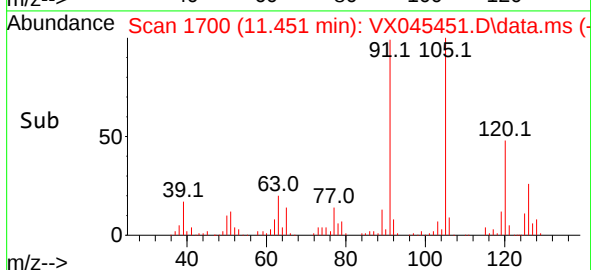
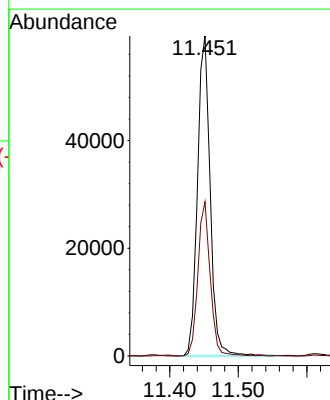
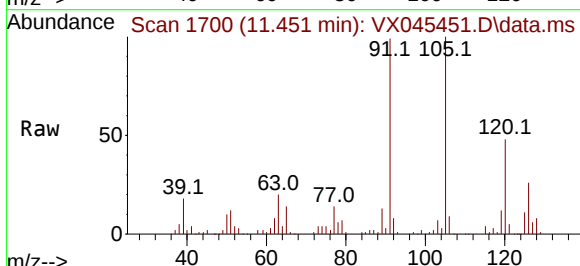
Acq: 25 Mar 2025 19:28

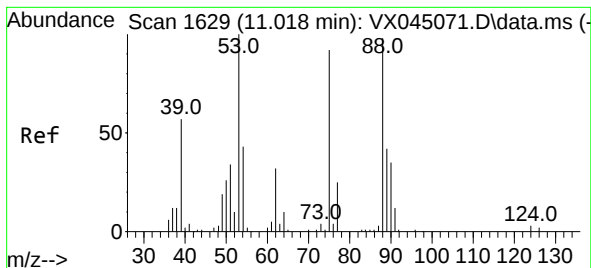
Tgt Ion:105 Resp: 76592

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.2

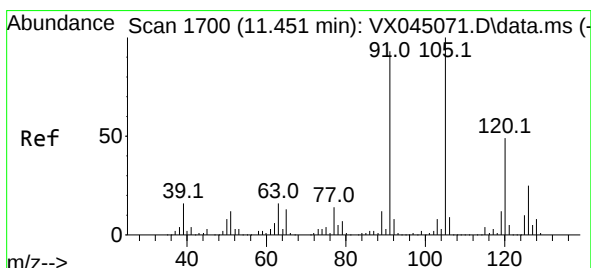
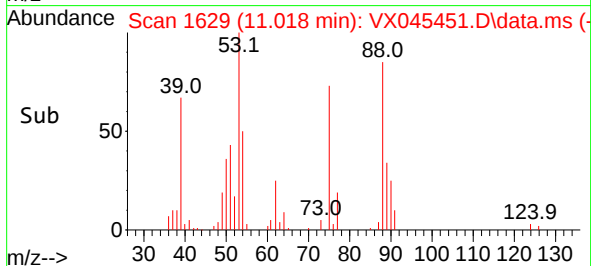
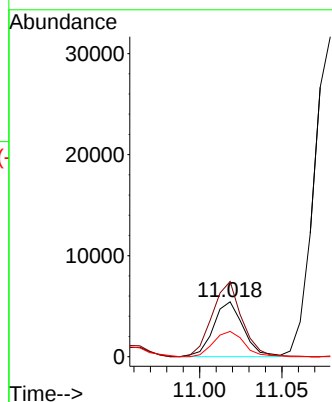
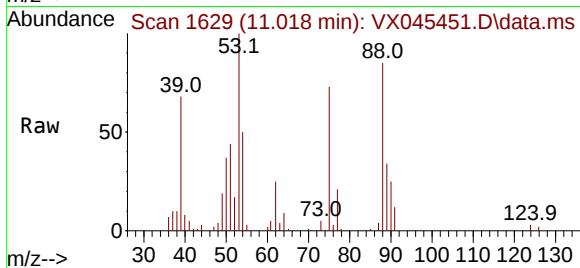




#81
trans-1,4-Dichloro-2-butene
Concen: 16.865 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

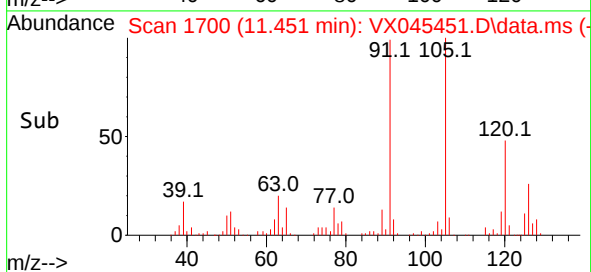
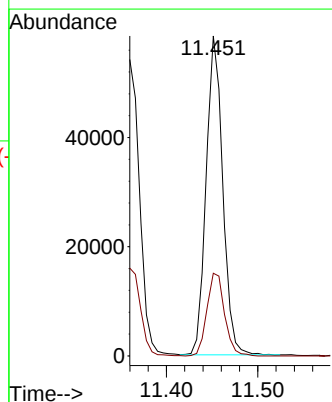
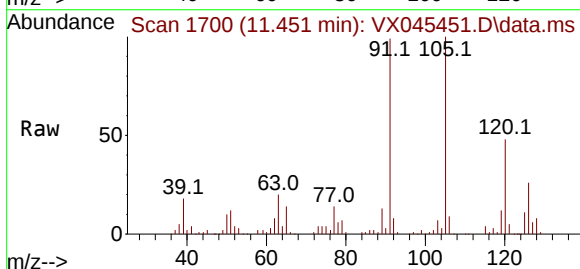
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

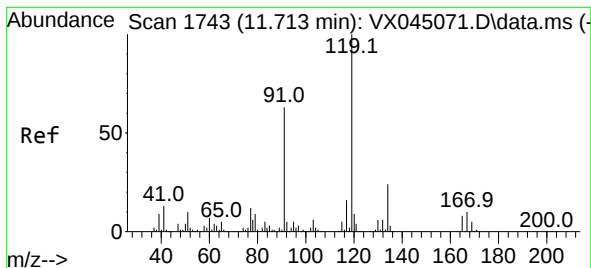
Tgt Ion: 75 Resp: 6896
Ion Ratio Lower Upper
75 100
53 135.5 88.5 132.7#
89 47.0 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.954 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 91 Resp: 73416
Ion Ratio Lower Upper
91 100
126 27.6 14.1 42.4





#83

tert-Butylbenzene

Concen: 19.759 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

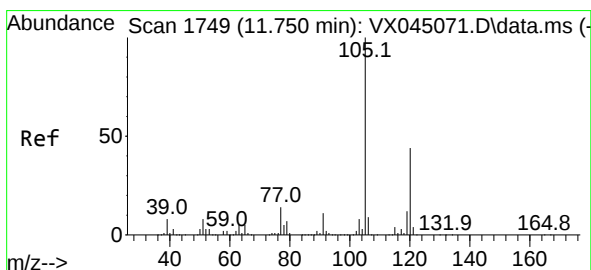
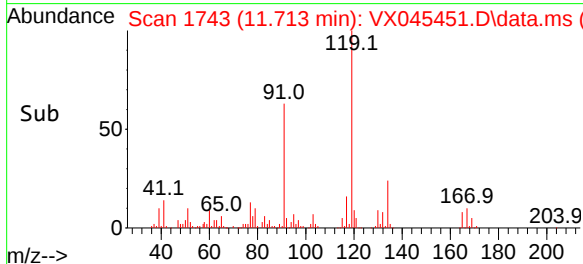
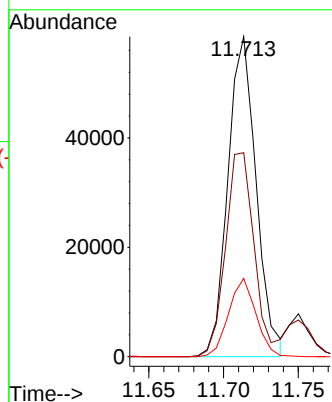
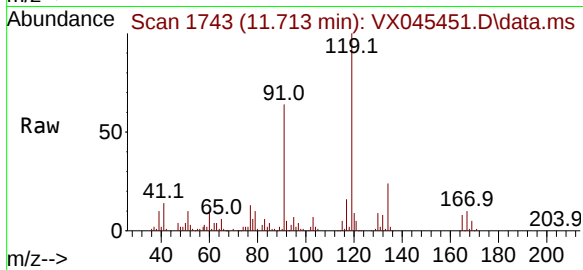
Tgt Ion:119 Resp: 77028

Ion Ratio Lower Upper

119 100

91 63.7 30.7 92.1

134 23.6 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 20.068 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045451.D

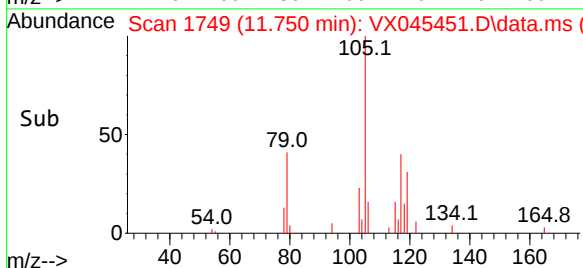
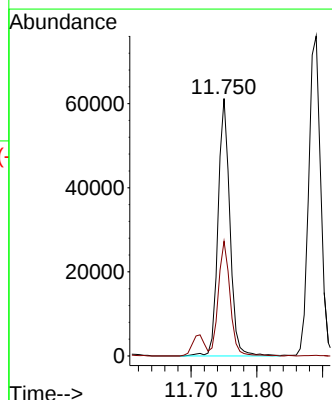
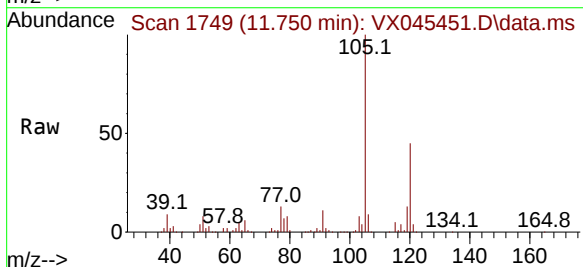
Acq: 25 Mar 2025 19:28

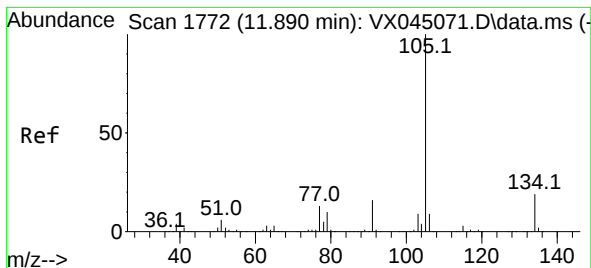
Tgt Ion:105 Resp: 76614

Ion Ratio Lower Upper

105 100

120 44.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.547 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

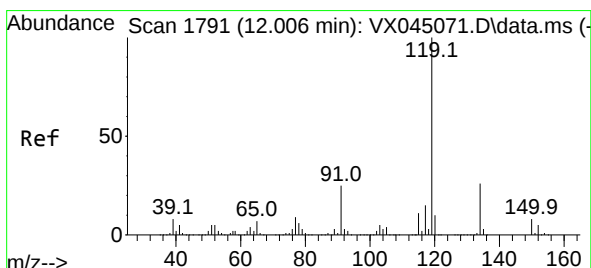
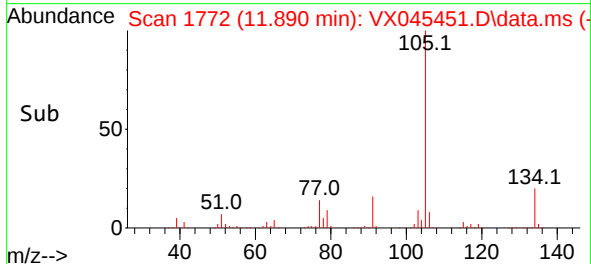
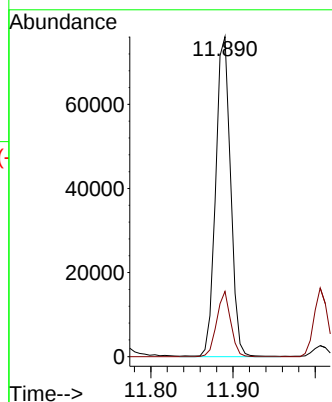
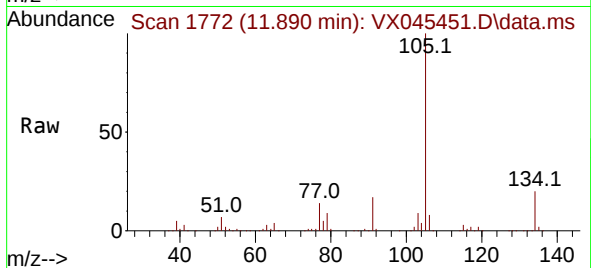
VX0325WBSD02

Tgt Ion:105 Resp: 95949

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 19.939 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

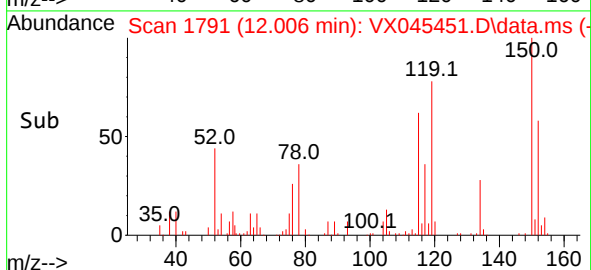
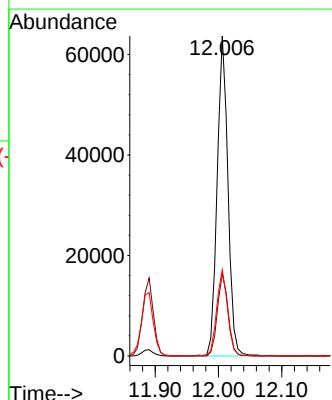
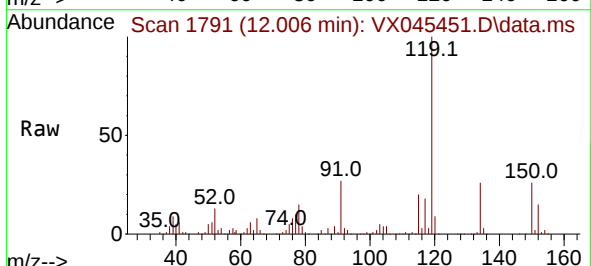
Tgt Ion:119 Resp: 75249

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.6

91 27.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.202 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

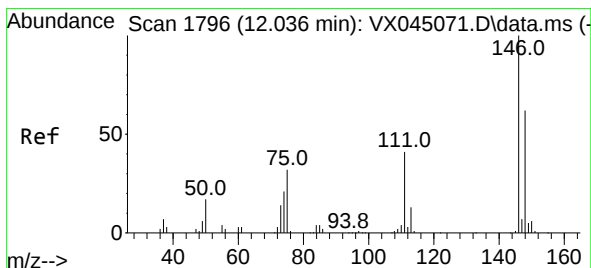
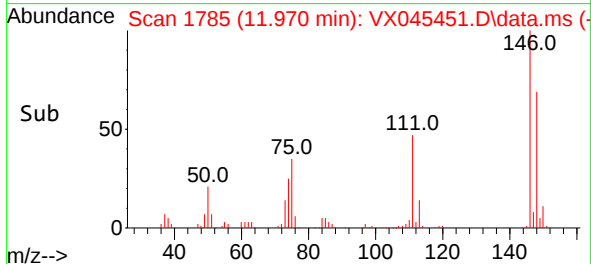
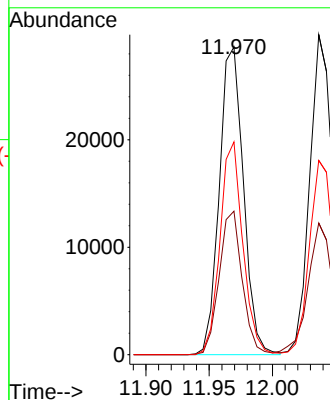
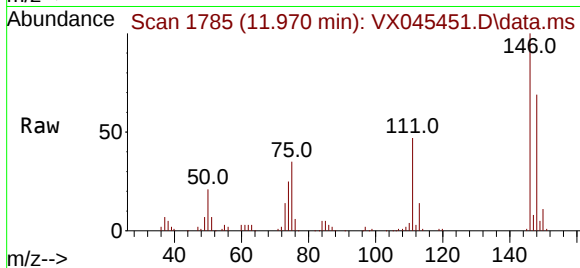
Tgt Ion:146 Resp: 37926

Ion Ratio Lower Upper

146 100

111 44.6 21.1 63.4

148 65.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.109 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

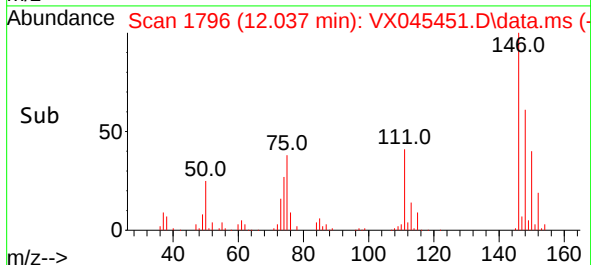
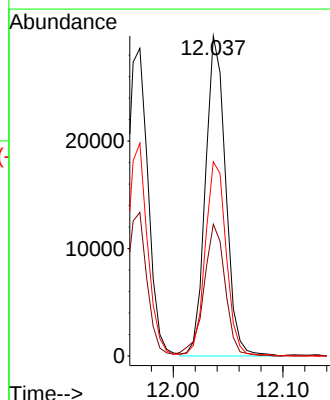
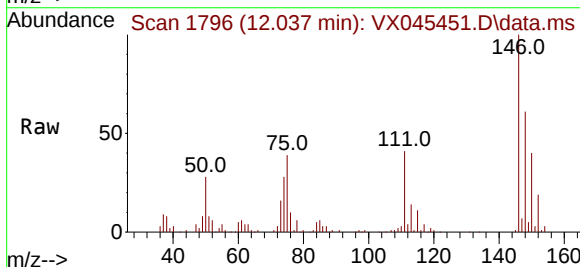
Tgt Ion:146 Resp: 38184

Ion Ratio Lower Upper

146 100

111 43.4 20.2 60.5

148 63.2 31.9 95.9





#89

n-Butylbenzene

Concen: 19.620 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

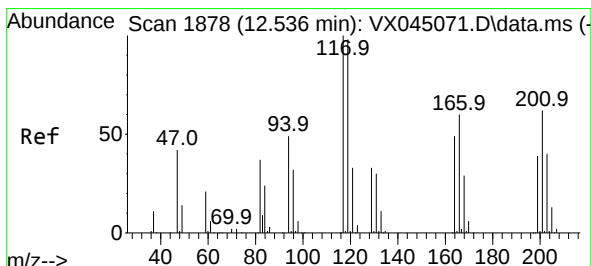
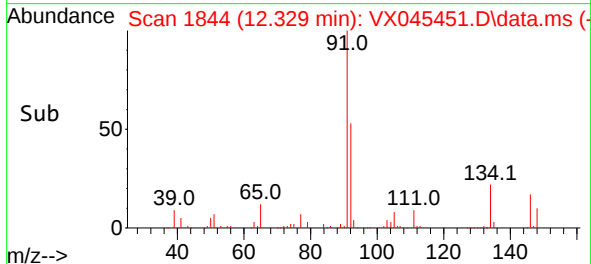
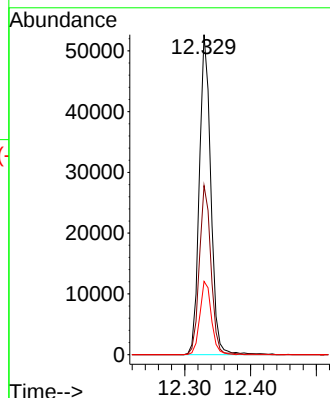
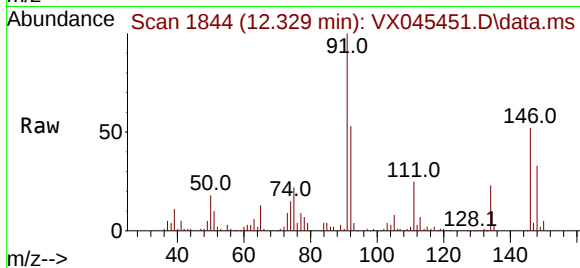
Tgt Ion: 91 Resp: 63771

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.0

134 23.0 12.2 36.6



#90

Hexachloroethane

Concen: 17.920 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045451.D

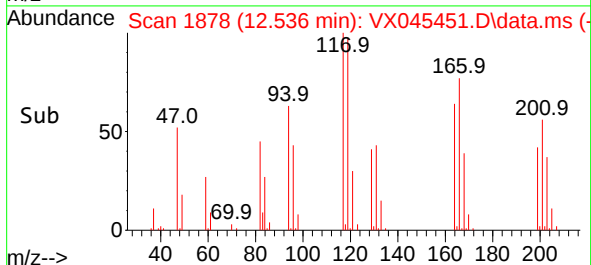
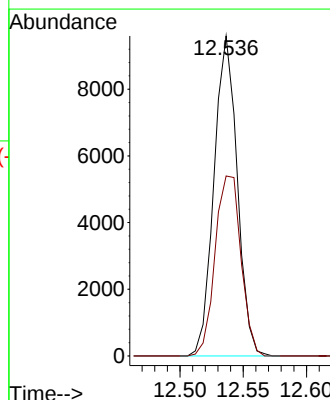
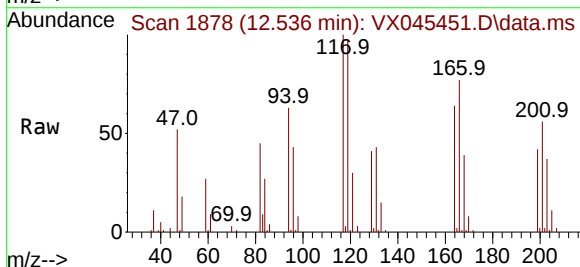
Acq: 25 Mar 2025 19:28

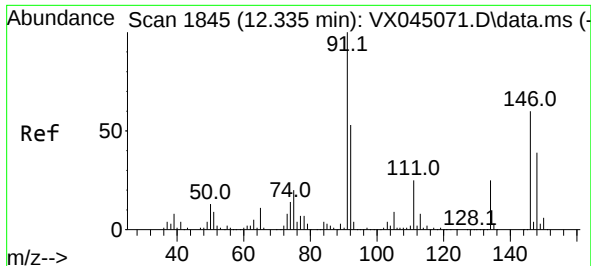
Tgt Ion: 117 Resp: 12232

Ion Ratio Lower Upper

117 100

201 62.7 31.9 95.9

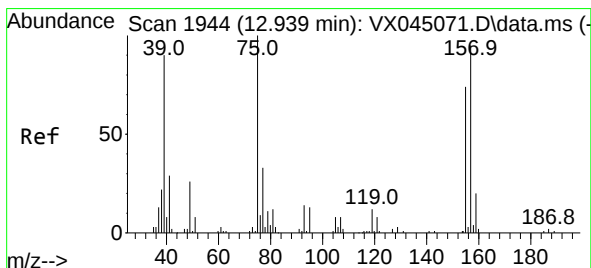
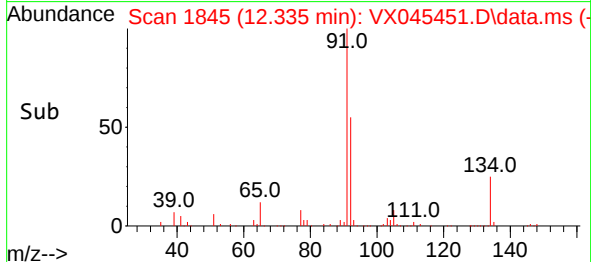
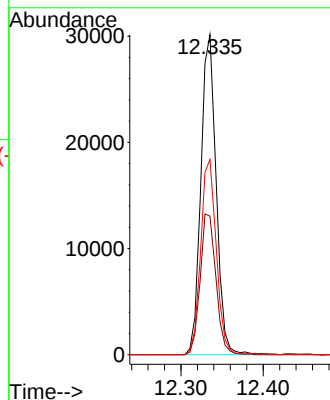
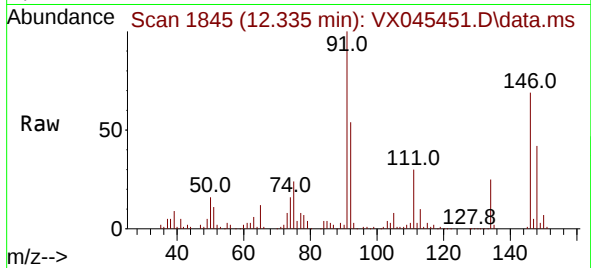




#91
1,2-Dichlorobenzene
Concen: 19.649 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

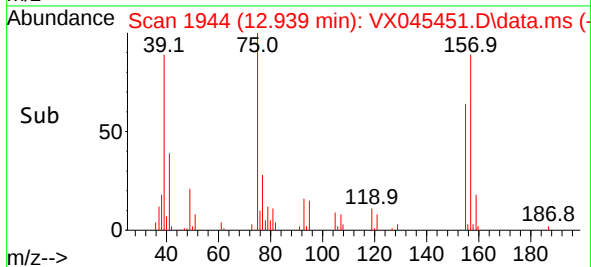
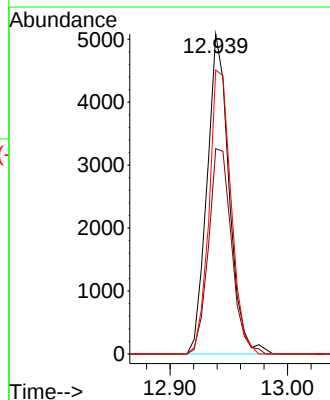
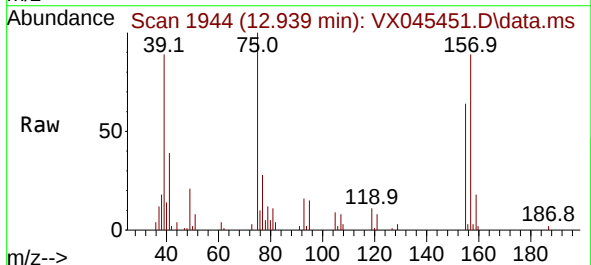
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD02

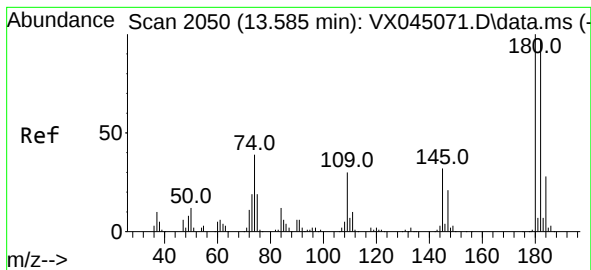
Tgt Ion:146 Resp: 38930
Ion Ratio Lower Upper
146 100
111 45.3 21.6 65.0
148 62.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.692 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045451.D
Acq: 25 Mar 2025 19:28

Tgt Ion: 75 Resp: 6606
Ion Ratio Lower Upper
75 100
155 67.2 39.6 118.7
157 88.3 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 18.089 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

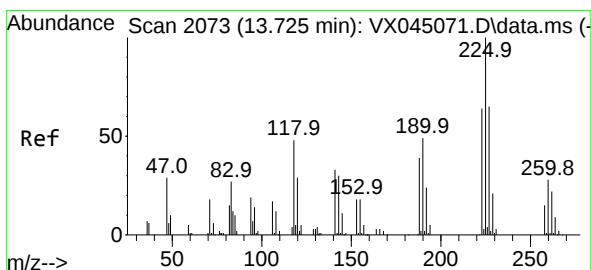
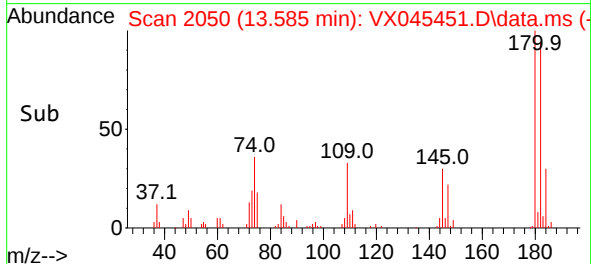
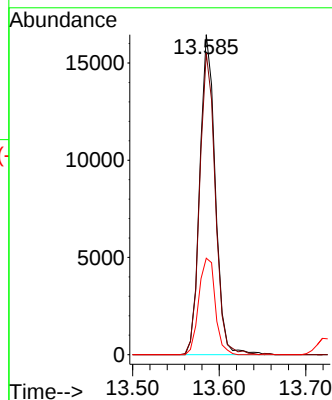
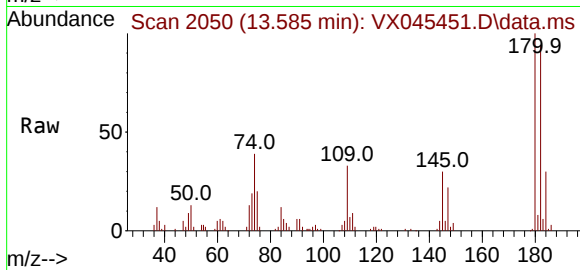
Tgt Ion:180 Resp: 20407

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 32.0 16.3 48.9



#94

Hexachlorobutadiene

Concen: 18.671 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

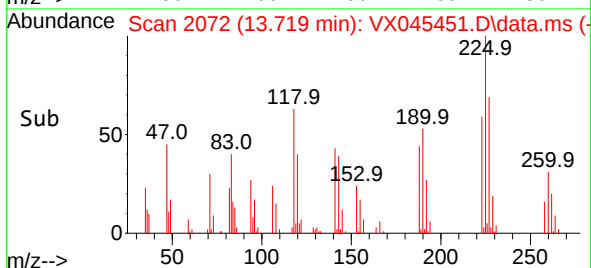
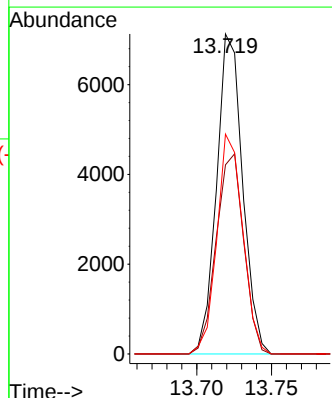
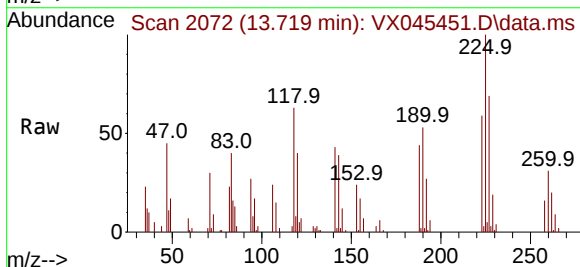
Tgt Ion:225 Resp: 8636

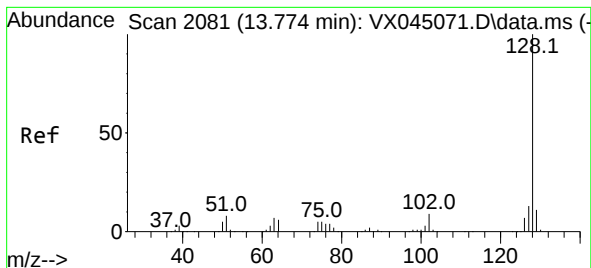
Ion Ratio Lower Upper

225 100

223 66.0 31.9 95.7

227 68.2 31.4 94.0





#95

Naphthalene

Concen: 17.936 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD02

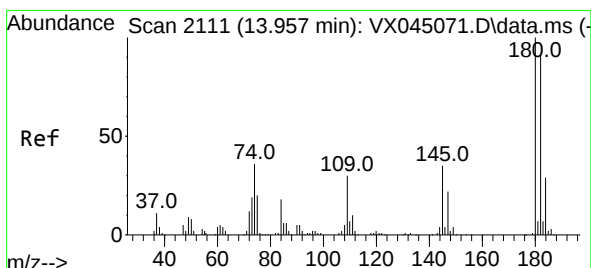
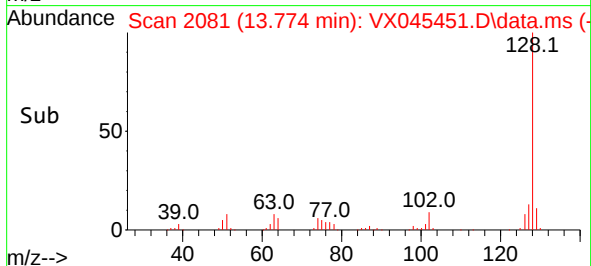
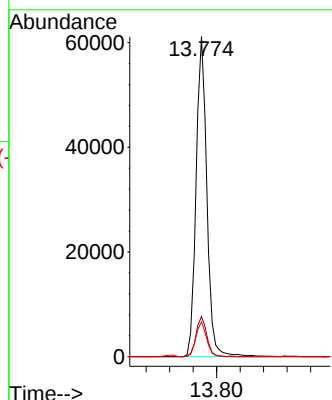
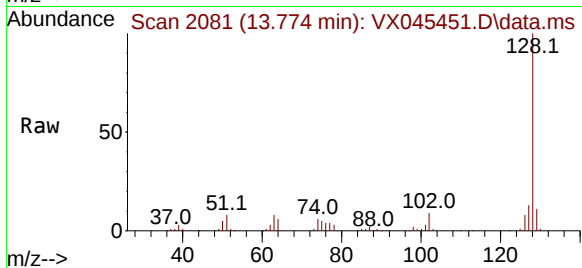
Tgt Ion:128 Resp: 77745

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.949 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045451.D

Acq: 25 Mar 2025 19:28

Tgt Ion:180 Resp: 21362

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.6

145 36.7 17.0 50.9

