

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048203.D
 Acq On : 17 Oct 2025 10:36
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 17 23:54:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 17 23:49:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	117704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	210821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	188406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90909	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.940	65	274559	150.569	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 301.140%#	
35) Dibromofluoromethane	5.373	113	210113	143.603	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 287.200%#	
50) Toluene-d8	8.635	98	800240	151.816	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 303.640%#	
62) 4-Bromofluorobenzene	11.061	95	297432	154.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 309.840%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	191262	154.821	ug/l	97
3) Chloromethane	1.301	50	233858	156.258	ug/l	100
4) Vinyl Chloride	1.380	62	252817	160.313	ug/l	100
5) Bromomethane	1.605	94	135525	131.271	ug/l	96
6) Chloroethane	1.691	64	152304	151.760	ug/l	96
7) Trichlorofluoromethane	1.892	101	377782	152.619	ug/l	100
8) Diethyl Ether	2.136	74	132579	157.022	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	209786	150.397	ug/l	100
10) Methyl Iodide	2.453	142	294909	176.512	ug/l	99
11) Tert butyl alcohol	2.953	59	97891	809.075	ug/l	99
12) 1,1-Dichloroethene	2.325	96	217022	159.115	ug/l	95
13) Acrolein	2.233	56	201849	793.819	ug/l	99
14) Allyl chloride	2.666	41	397515	162.023	ug/l	99
15) Acrylonitrile	3.056	53	495164	854.076	ug/l	100
16) Acetone	2.374	43	443536	713.033	ug/l	99
17) Carbon Disulfide	2.514	76	645532	153.827	ug/l	99
18) Methyl Acetate	2.697	43	208225	164.350	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	694786	169.112	ug/l	99
20) Methylene Chloride	2.788	84	241039	159.065	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	228947	162.254	ug/l	98
22) Diisopropyl ether	3.751	45	784834	163.368	ug/l	100
23) Vinyl Acetate	3.715	43	3085268	858.886	ug/l	100
24) 1,1-Dichloroethane	3.605	63	429425	157.560	ug/l	100
25) 2-Butanone	4.538	43	585250	807.571	ug/l	98
26) 2,2-Dichloropropane	4.465	77	369019	158.405	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	271629	162.203	ug/l	99
28) Bromochloromethane	4.885	49	212685	169.292	ug/l	96
29) Tetrahydrofuran	4.983	42	355888	836.226	ug/l	99
30) Chloroform	5.080	83	438527	152.827	ug/l	98
31) Cyclohexane	5.458	56	320574	143.749	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	346247	146.860	ug/l	99
36) 1,1-Dichloropropene	5.684	75	274873	133.359	ug/l	100
37) Ethyl Acetate	4.696	43	263583	160.015	ug/l	100
38) Carbon Tetrachloride	5.666	117	315826	133.495	ug/l	99
39) Methylcyclohexane	7.367	83	357557	153.856	ug/l	96
40) Benzene	6.025	78	906330	148.085	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	143876	163.089	ug/l	98
42) 1,2-Dichloroethane	6.074	62	321581	146.655	ug/l	98
43) Isopropyl Acetate	6.324	43	445943	161.273	ug/l	98
44) Trichloroethene	7.111	130	226452	146.811	ug/l	97
45) 1,2-Dichloropropane	7.415	63	231605	149.522	ug/l	99
46) Dibromomethane	7.568	93	164711	147.789	ug/l	99
47) Bromodichloromethane	7.806	83	356656	148.066	ug/l	99
48) Methyl methacrylate	7.678	41	229909	162.424	ug/l	98
49) 1,4-Dioxane	7.647	88	41831	3283.029	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	1217261	791.106	ug/l	98
52) Toluene	8.702	92	565979	153.859	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	365322	161.891	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	391297	159.088	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	203730	148.432	ug/l	99
56) Ethyl methacrylate	9.104	69	322997	173.022	ug/l	99
57) 1,3-Dichloropropane	9.293	76	361920	150.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	899124	751.288	ug/l	100
59) 2-Hexanone	9.415	43	849774	789.557	ug/l	98
60) Dibromochloromethane	9.506	129	261816	152.397	ug/l	100
61) 1,2-Dibromoethane	9.592	107	214969	152.744	ug/l	98
64) Tetrachloroethene	9.256	164	187250	141.745	ug/l	99
65) Chlorobenzene	10.061	112	618687	150.186	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	217603	146.584	ug/l	100
67) Ethyl Benzene	10.177	91	1093674	154.857	ug/l	99
68) m/p-Xylenes	10.287	106	812262	308.720	ug/l	98
69) o-Xylene	10.622	106	390402	157.625	ug/l	99
70) Styrene	10.640	104	679119	159.295	ug/l	99
71) Bromoform	10.781	173	163653	150.124	ug/l #	98
73) Isopropylbenzene	10.945	105	1000890	158.294	ug/l	100
74) N-amyl acetate	10.823	43	400695	169.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	269668	150.544	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	307804	221.728	ug/l	78
77) Bromobenzene	11.183	156	244233	154.353	ug/l	100
78) n-propylbenzene	11.287	91	1193225	155.616	ug/l	99
79) 2-Chlorotoluene	11.348	91	703746	151.911	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	821868	158.350	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	97497	171.972	ug/l	99
82) 4-Chlorotoluene	11.439	91	847504	155.674	ug/l	100
83) tert-Butylbenzene	11.695	119	832967	158.856	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	818722	158.416	ug/l	99
85) sec-Butylbenzene	11.872	105	1003314	156.515	ug/l	99
86) p-Isopropyltoluene	11.994	119	839384	155.346	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	447676	151.287	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	450413	146.840	ug/l	99
89) n-Butylbenzene	12.311	91	790908	157.153	ug/l	99
90) Hexachloroethane	12.518	117	168545	147.787	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	429167	153.505	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	53414	163.187	ug/l	93
93) 1,2,4-Trichlorobenzene	13.567	180	272260	164.961	ug/l	100
94) Hexachlorobutadiene	13.707	225	95077	149.369	ug/l	98
95) Naphthalene	13.756	128	793583	182.408	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	253674	166.587	ug/l	98

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ClientSampleId :
VSTDICC150

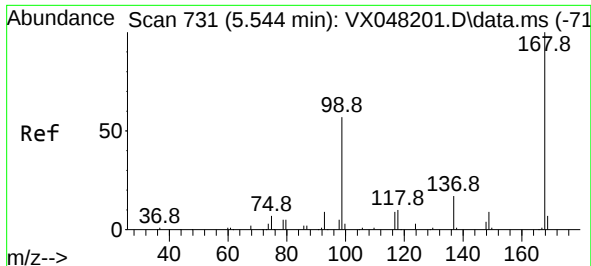
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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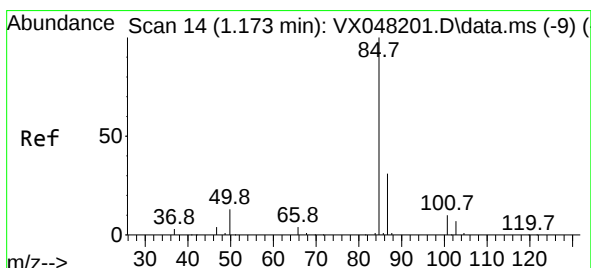
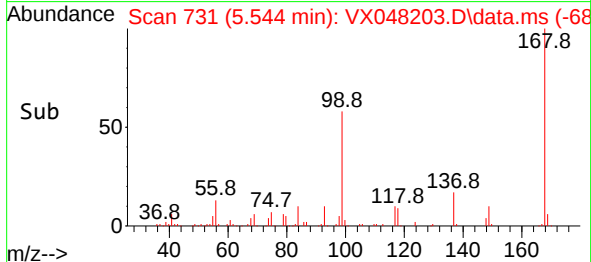
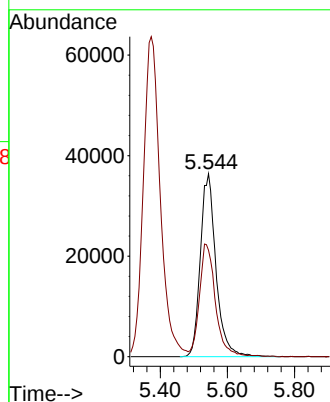
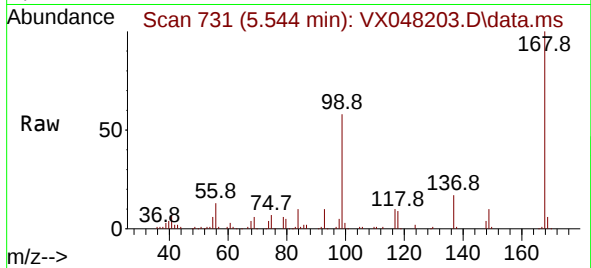




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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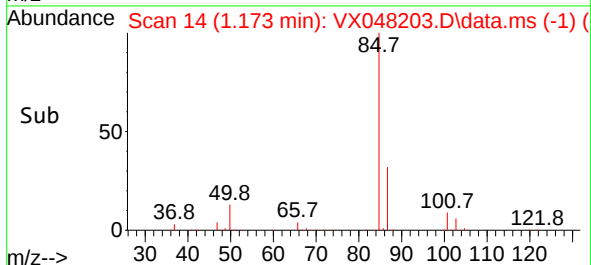
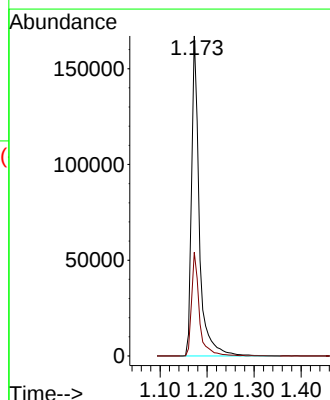
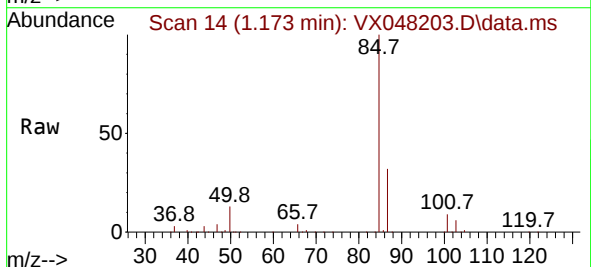
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

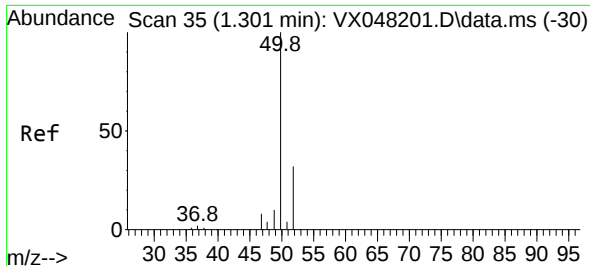
Tgt Ion:168 Resp: 117704
Ion Ratio Lower Upper
168 100
99 58.2 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 154.821 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 85 Resp: 191262
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9

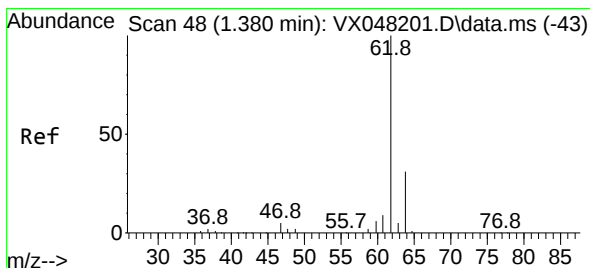
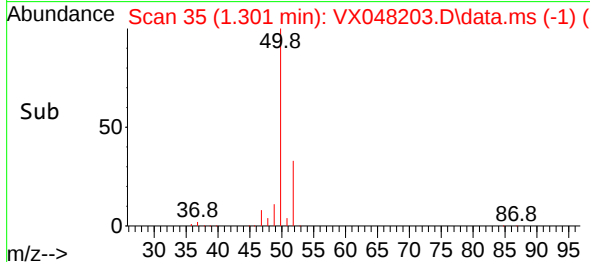
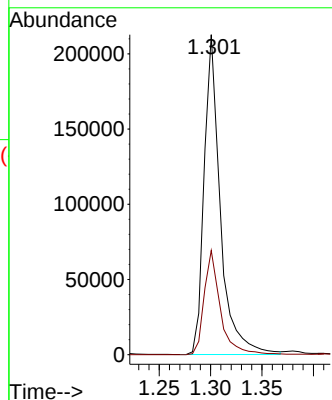
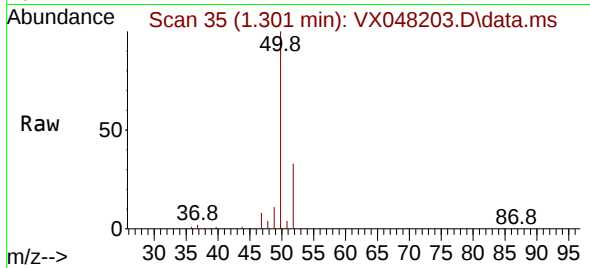




#3
Chloromethane
Concen: 156.258 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

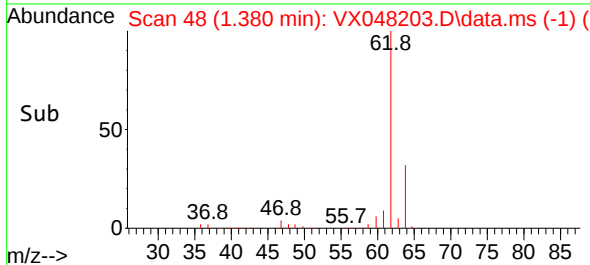
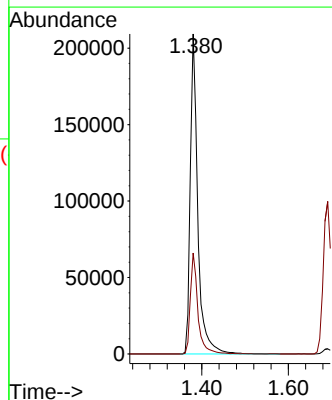
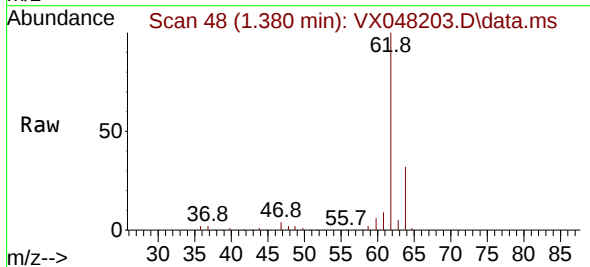
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

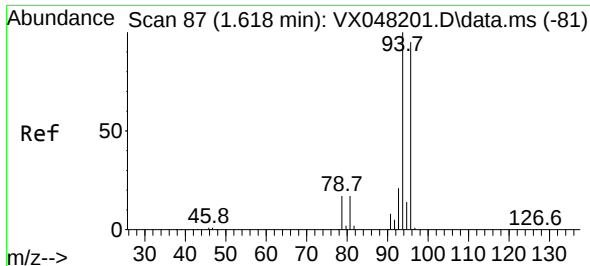
Tgt Ion: 50 Resp: 233858
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9



#4
Vinyl Chloride
Concen: 160.313 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 62 Resp: 252817
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

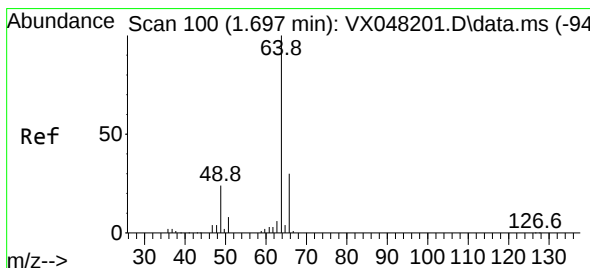
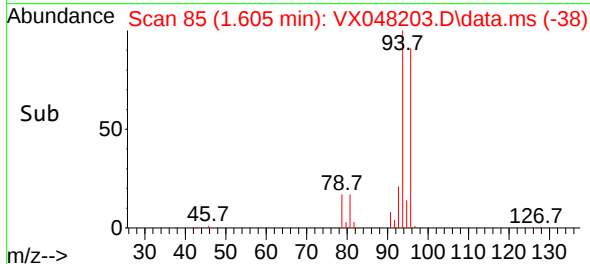
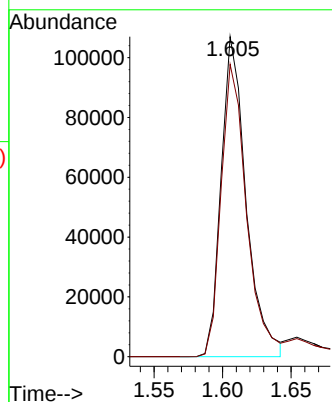
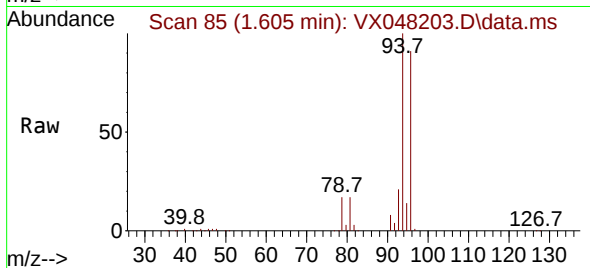




#5
Bromomethane
Concen: 131.271 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

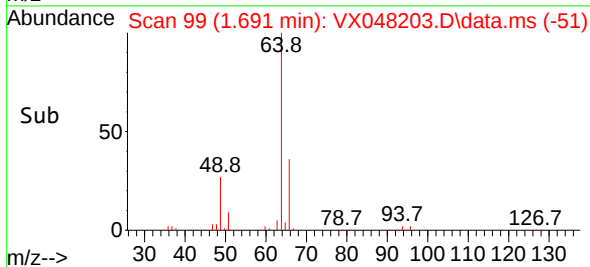
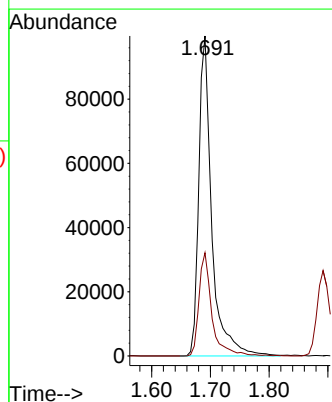
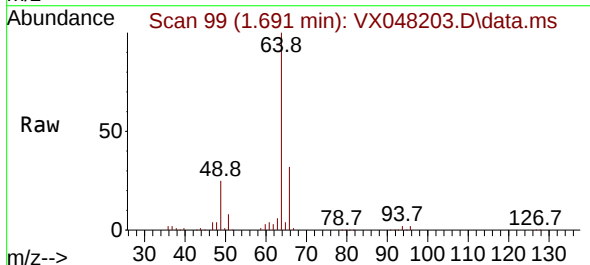
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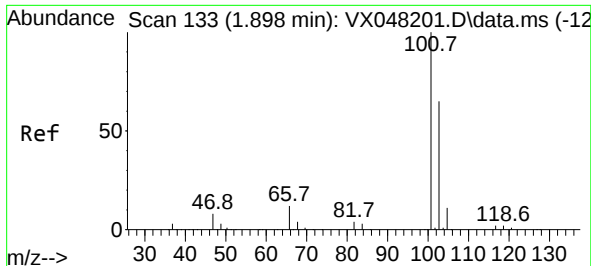
Tgt Ion: 94 Resp: 135525
Ion Ratio Lower Upper
94 100
96 91.3 76.0 114.0



#6
Chloroethane
Concen: 151.760 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 64 Resp: 152304
Ion Ratio Lower Upper
64 100
66 32.3 23.9 35.9

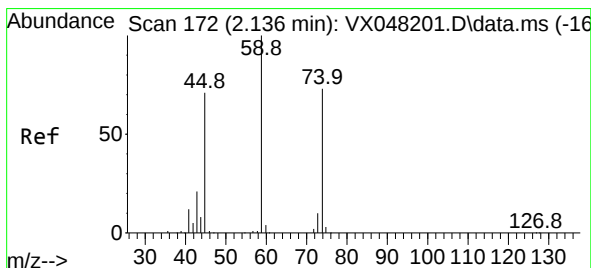
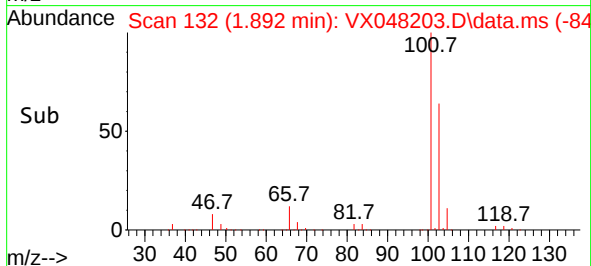
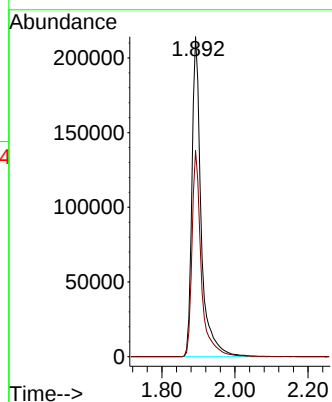
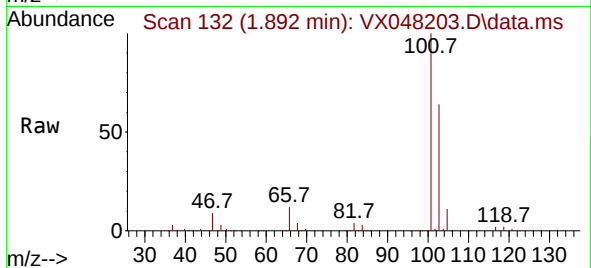




#7
 Trichlorofluoromethane
 Concen: 152.619 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048203.D
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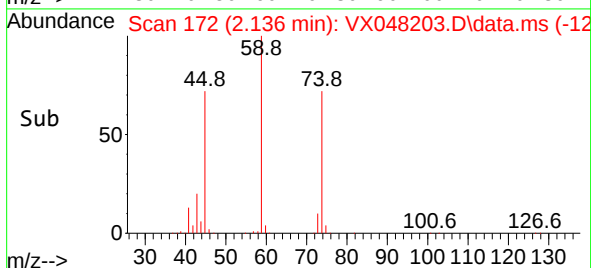
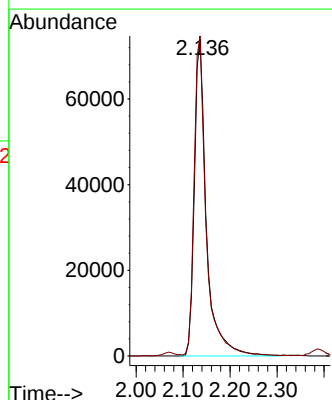
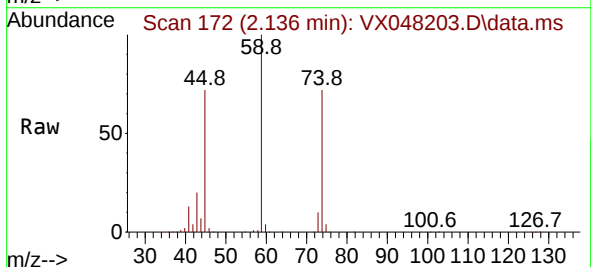
Instrument :
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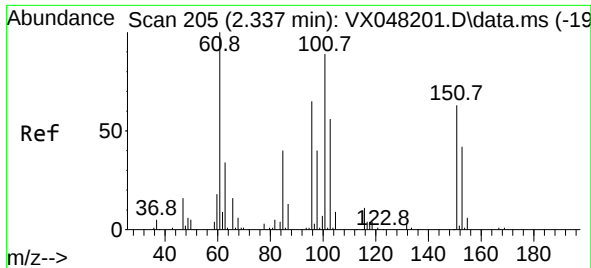
Tgt Ion:101 Resp: 377782
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 157.022 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 74 Resp: 132579
 Ion Ratio Lower Upper
 74 100
 45 99.7 50.0 149.8

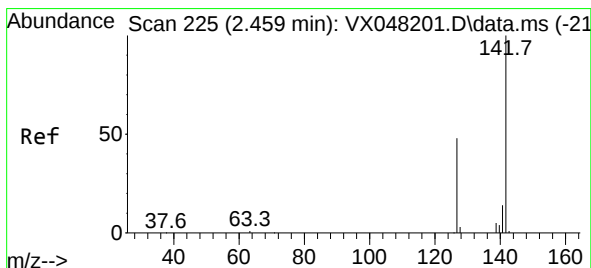
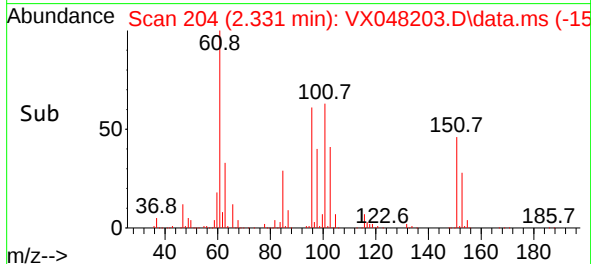
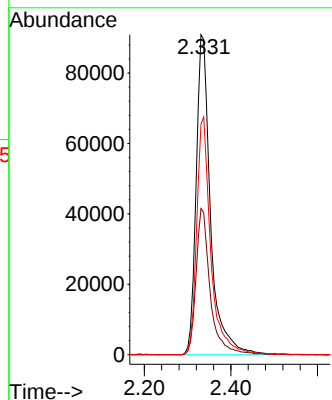
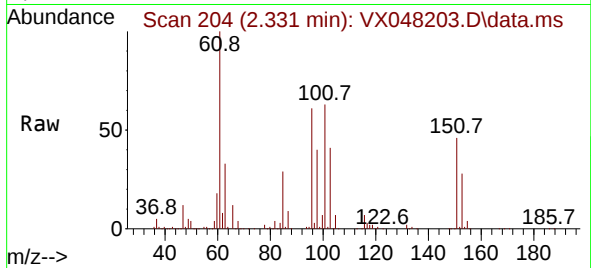




#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.397 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

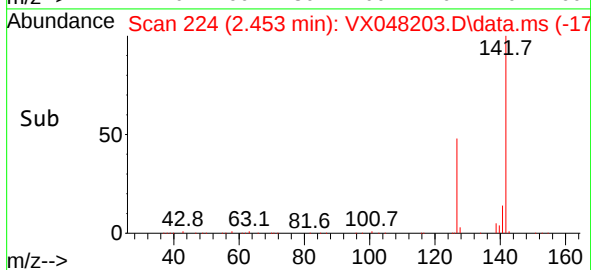
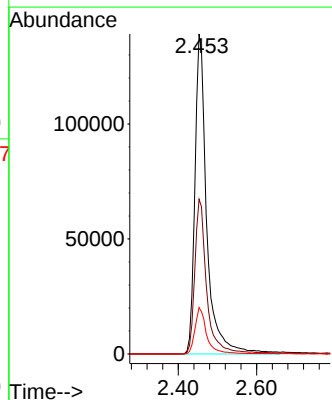
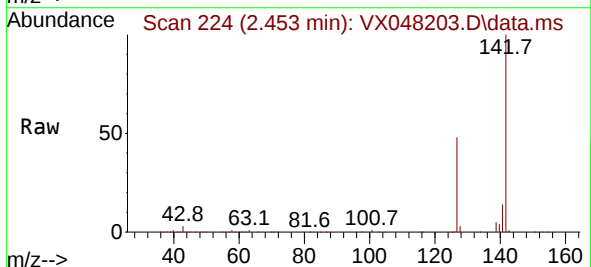
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

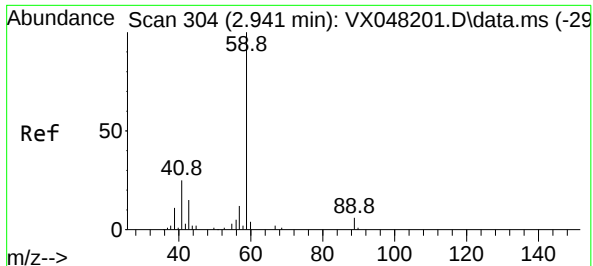
Tgt Ion:101 Resp: 209786
Ion Ratio Lower Upper
101 100
85 44.9 35.6 53.4
151 72.9 58.0 87.0



#10
Methyl Iodide
Concen: 176.512 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:142 Resp: 294909
Ion Ratio Lower Upper
142 100
127 48.9 38.5 57.7
141 14.4 11.6 17.4

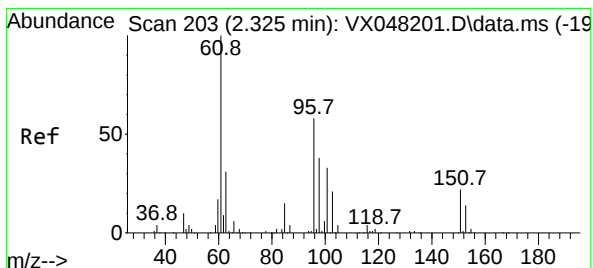
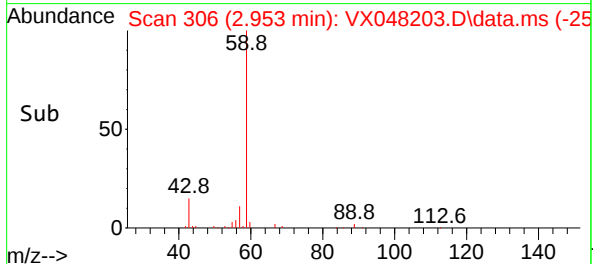
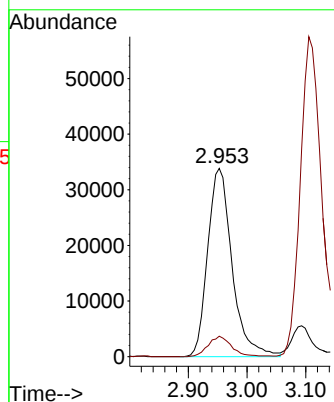
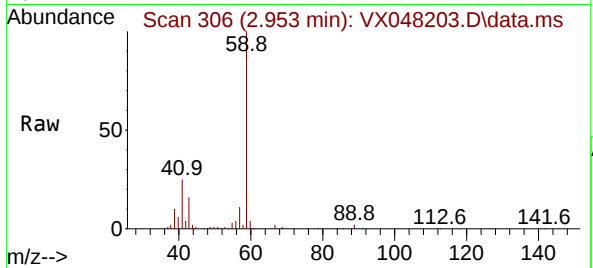




#11
Tert butyl alcohol
Concen: 809.075 ug/l
RT: 2.953 min Scan# 304
Delta R.T. 0.012 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

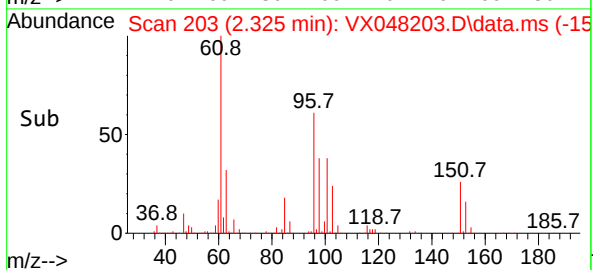
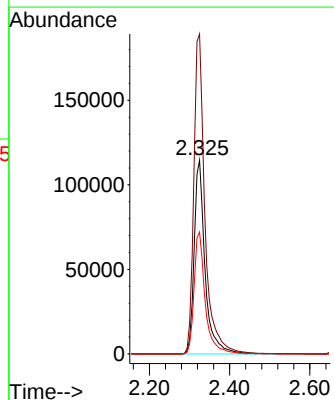
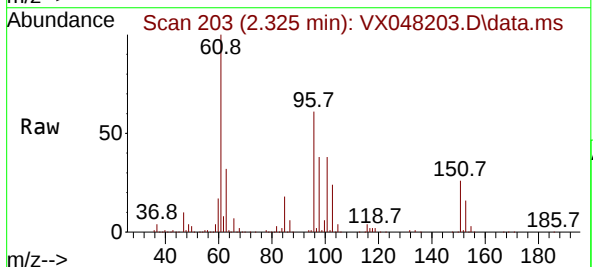
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

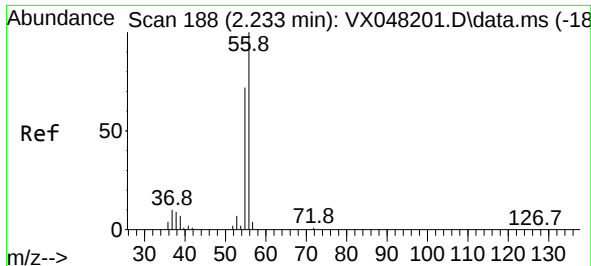
Tgt Ion: 59 Resp: 97891
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 159.115 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 96 Resp: 217022
Ion Ratio Lower Upper
96 100
61 165.1 139.0 208.6
98 62.9 52.4 78.6

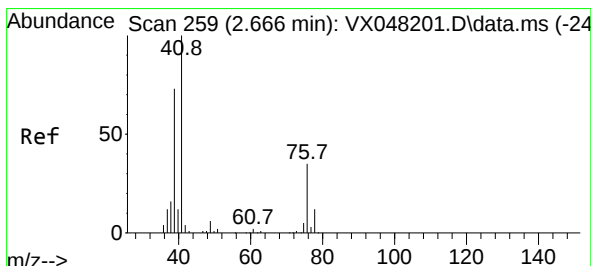
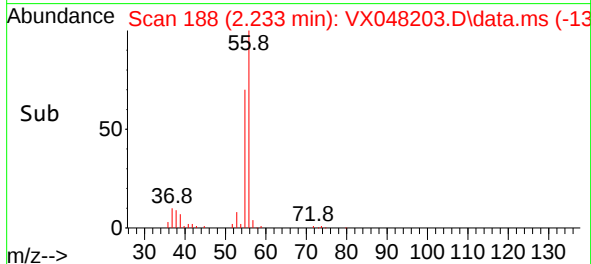
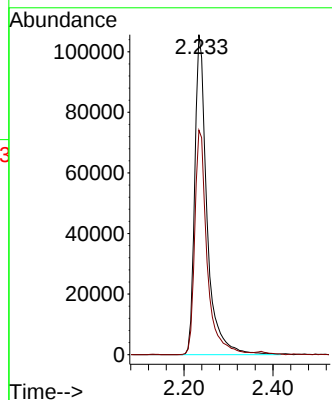
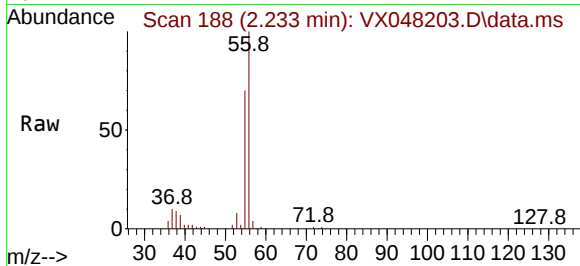




#13
Acrolein
Concen: 793.819 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

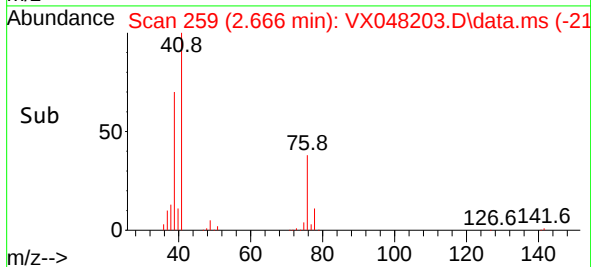
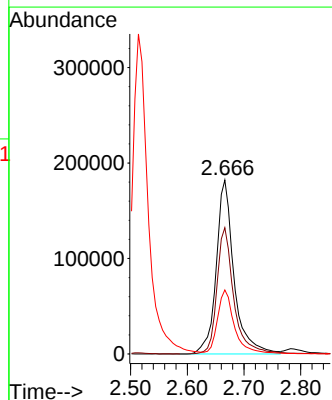
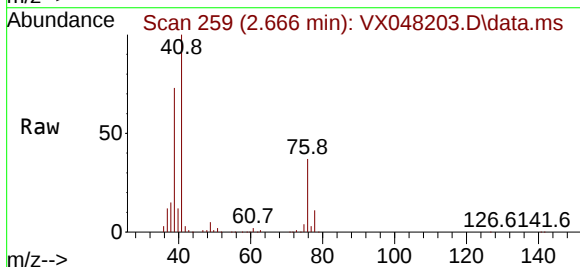
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

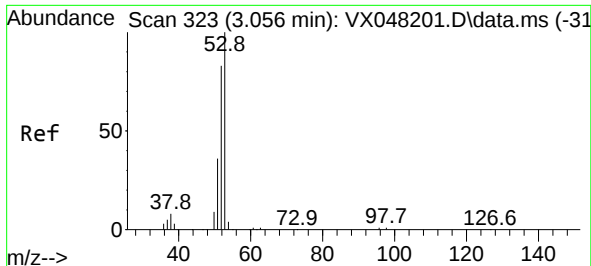
Tgt Ion: 56 Resp: 201849
Ion Ratio Lower Upper
56 100
55 70.8 56.1 84.1



#14
Allyl chloride
Concen: 162.023 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 41 Resp: 397515
Ion Ratio Lower Upper
41 100
39 69.2 56.0 84.0
76 35.1 27.5 41.3

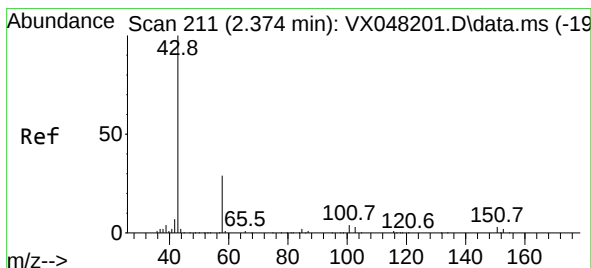
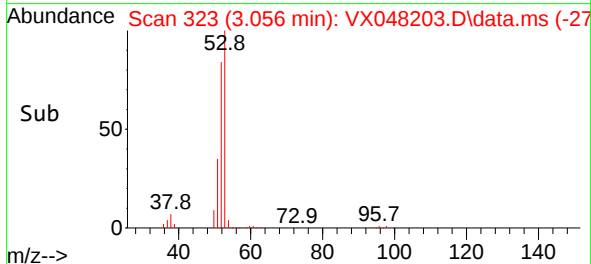
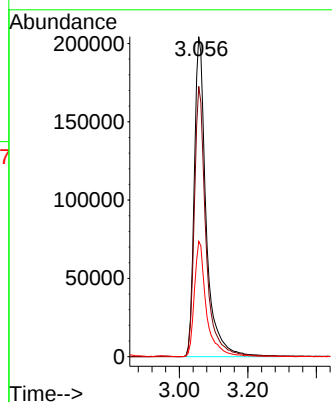
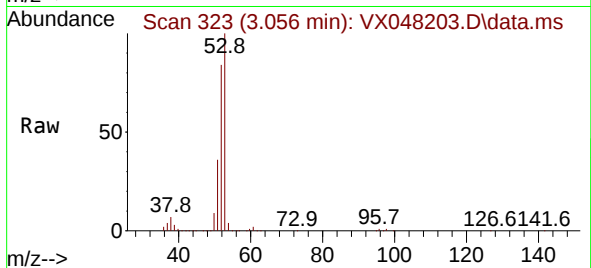




#15
Acrylonitrile
Concen: 854.076 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

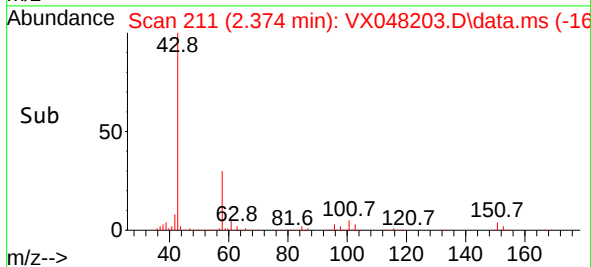
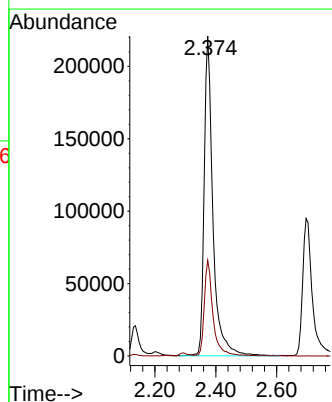
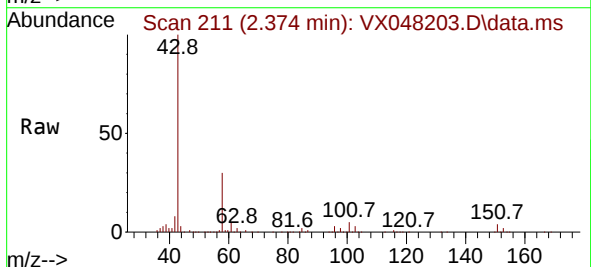
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

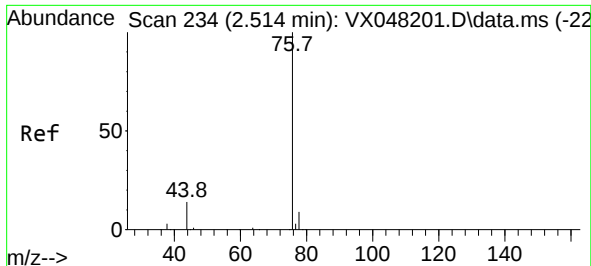
Tgt Ion: 53 Resp: 495164
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 36.3 29.0 43.4



#16
Acetone
Concen: 713.033 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 443536
Ion Ratio Lower Upper
43 100
58 29.8 23.4 35.2

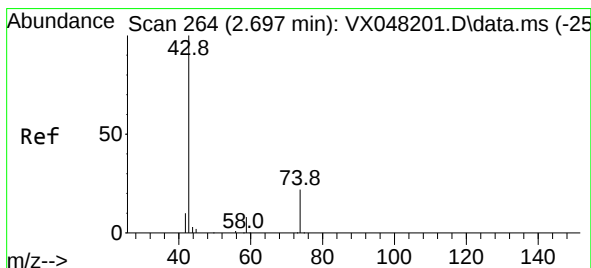
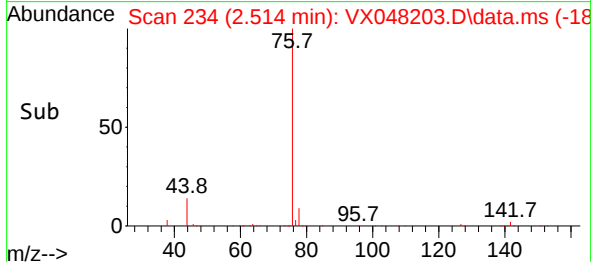
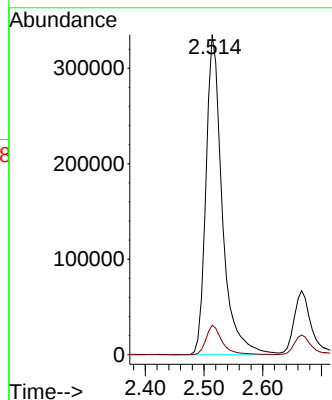
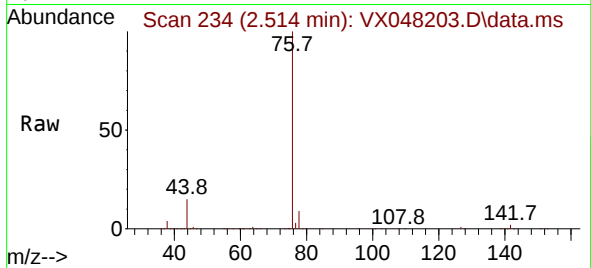




#17
Carbon Disulfide
Concen: 153.827 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

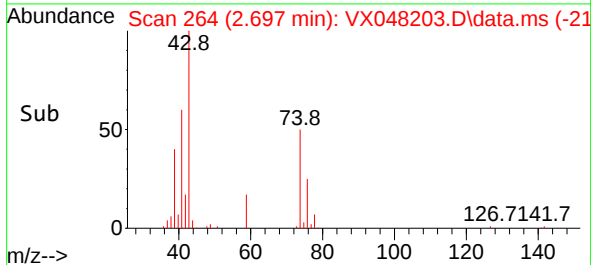
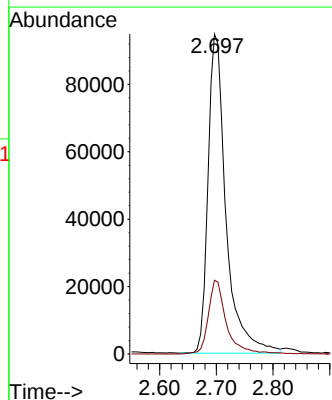
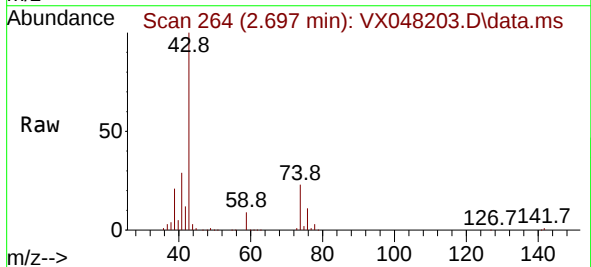
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

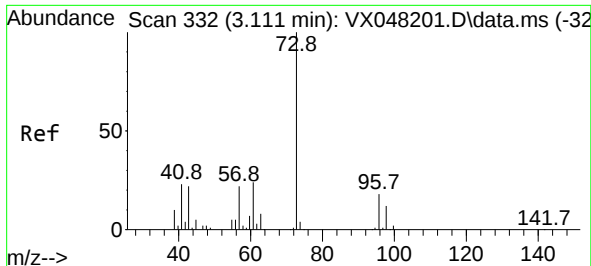
Tgt Ion: 76 Resp: 645532
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 164.350 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 208225
Ion Ratio Lower Upper
43 100
74 23.3 17.5 26.3

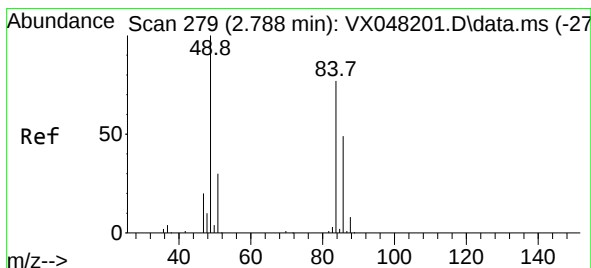
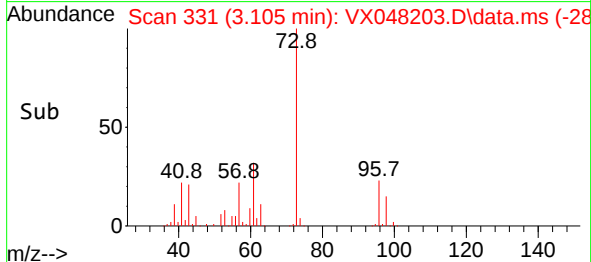
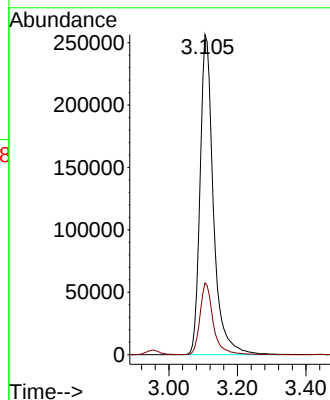
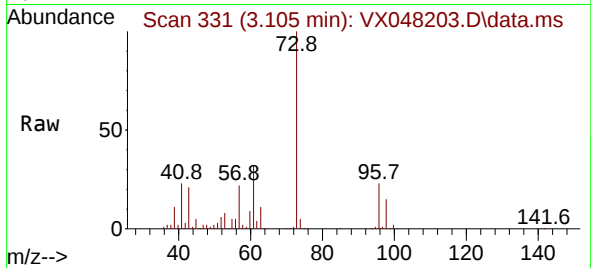




#19
Methyl tert-butyl Ether
Concen: 169.112 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

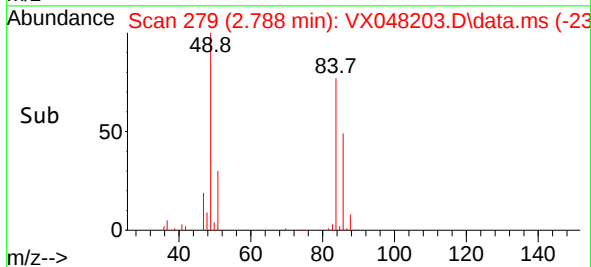
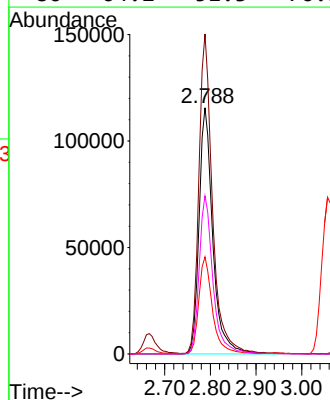
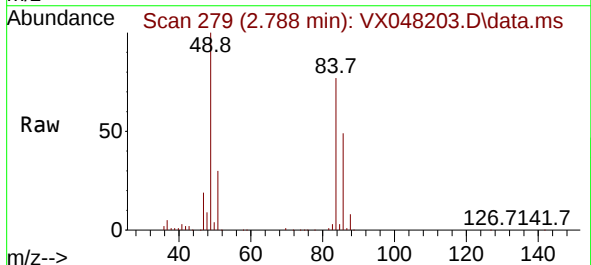
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

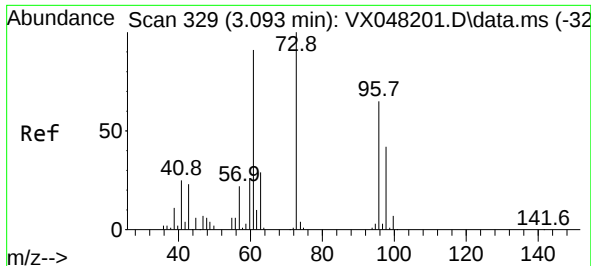
Tgt Ion: 73 Resp: 694786
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 159.065 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 84 Resp: 241039
Ion Ratio Lower Upper
84 100
49 129.7 104.1 156.1
51 39.4 31.3 46.9
86 64.2 51.3 76.9

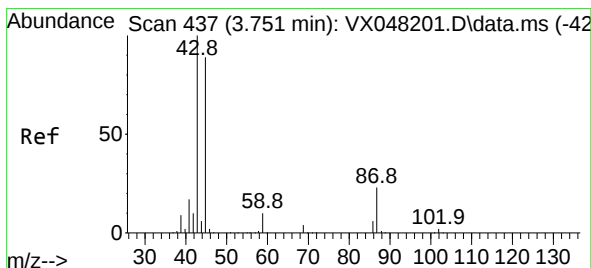
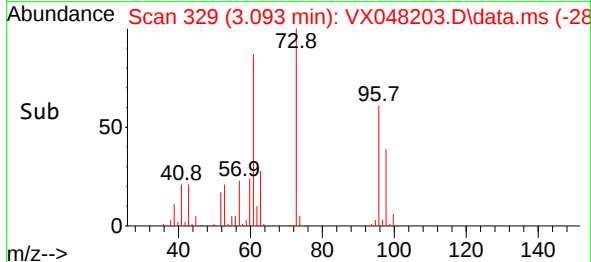
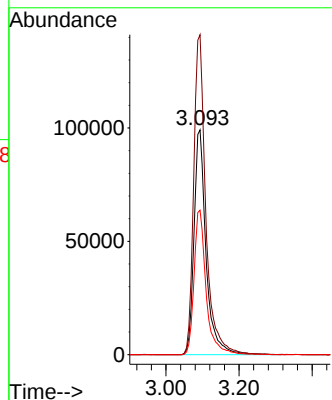
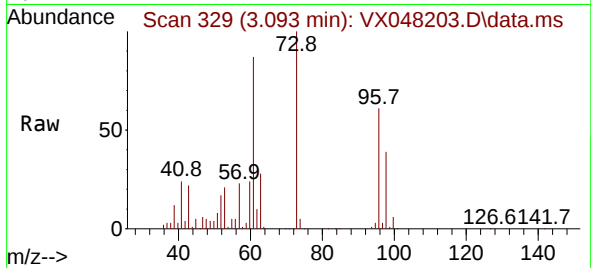




#21
trans-1,2-Dichloroethene
Concen: 162.254 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

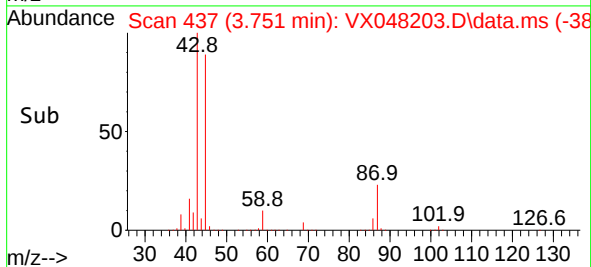
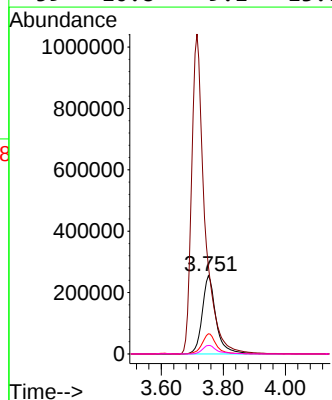
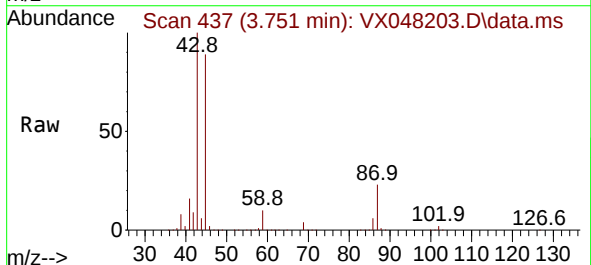
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

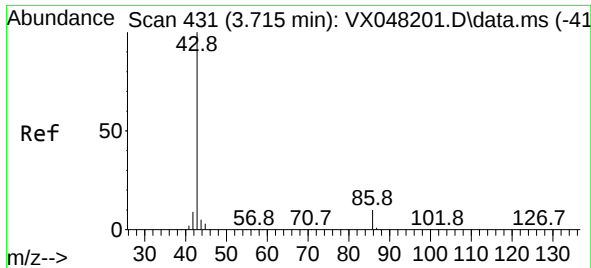
Tgt Ion: 96 Resp: 228947
Ion Ratio Lower Upper
96 100
61 142.4 111.9 167.9
98 64.3 51.2 76.8



#22
Diisopropyl ether
Concen: 163.368 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 45 Resp: 784834
Ion Ratio Lower Upper
45 100
43 112.2 89.8 134.8
87 25.8 20.6 31.0
59 10.8 9.1 13.7

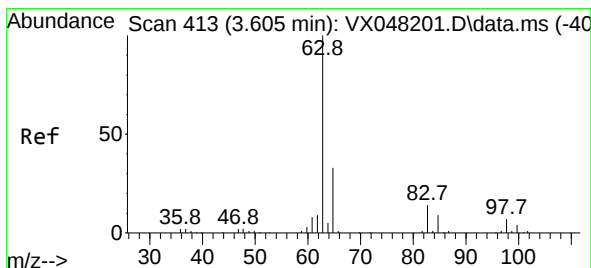
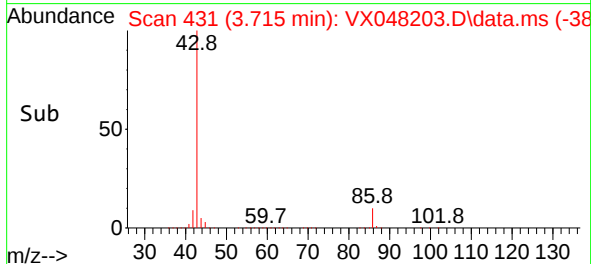
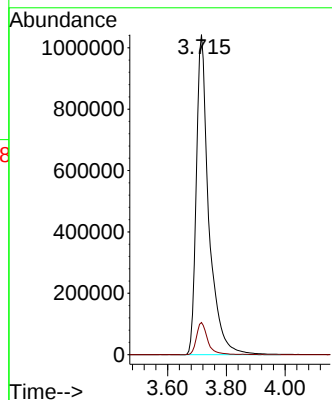
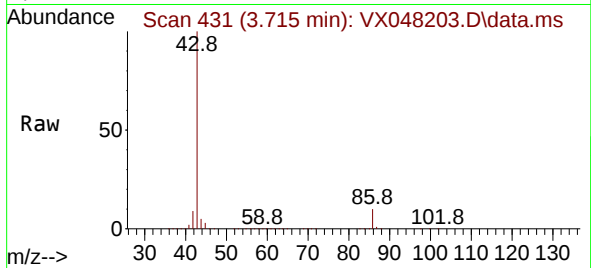




#23
 Vinyl Acetate
 Concen: 858.886 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

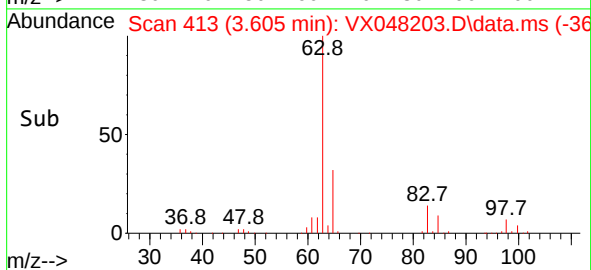
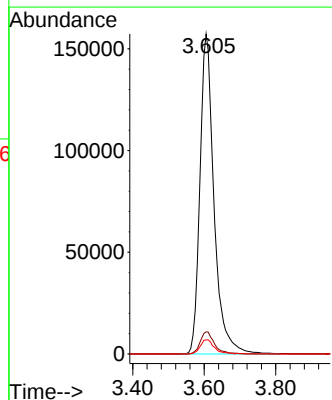
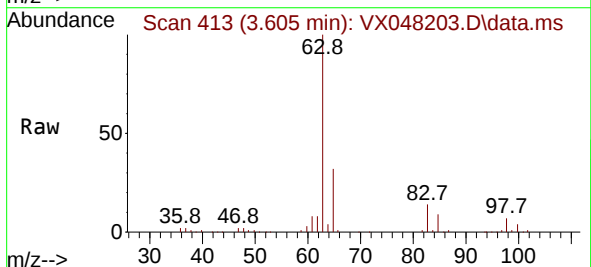
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

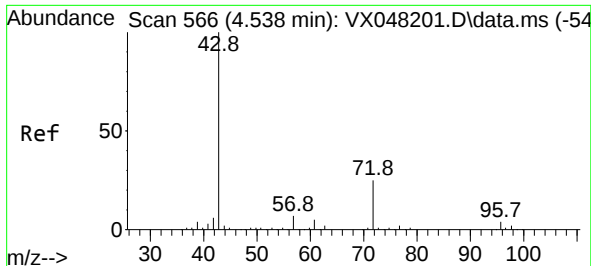
Tgt Ion: 43 Resp: 3085268
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 157.560 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 63 Resp: 429425
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 807.571 ug/l

RT: 4.538 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

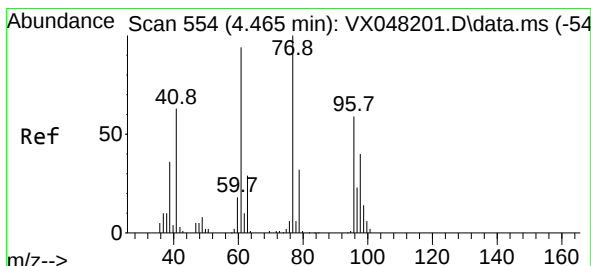
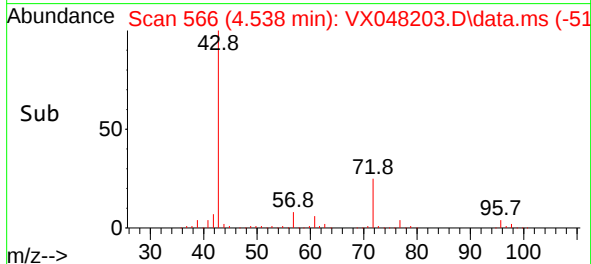
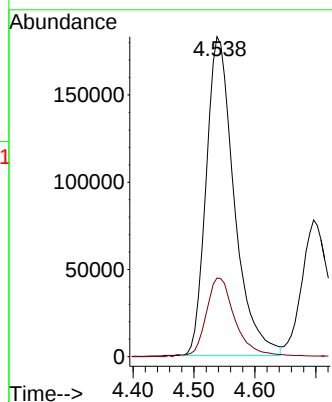
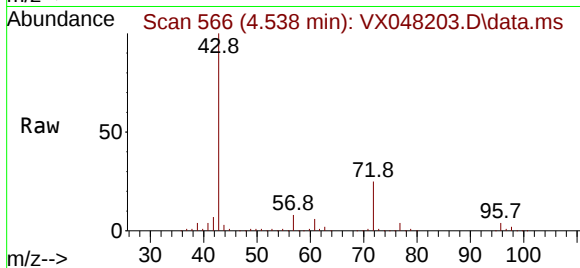
VSTDIC150

Tgt Ion: 43 Resp: 585250

Ion Ratio Lower Upper

43 100

72 24.1 19.9 29.9



#26

2,2-Dichloropropane

Concen: 158.405 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX048203.D

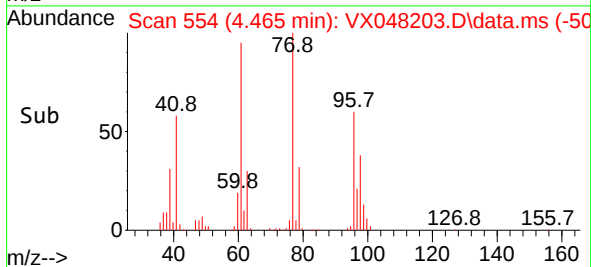
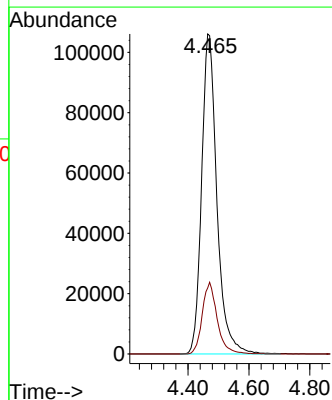
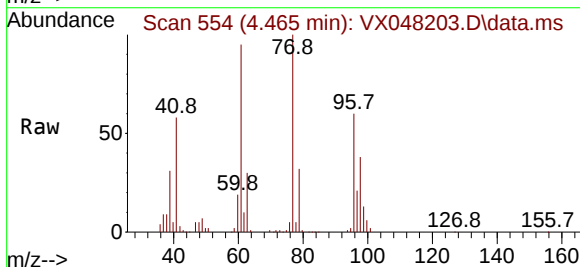
Acq: 17 Oct 2025 10:36

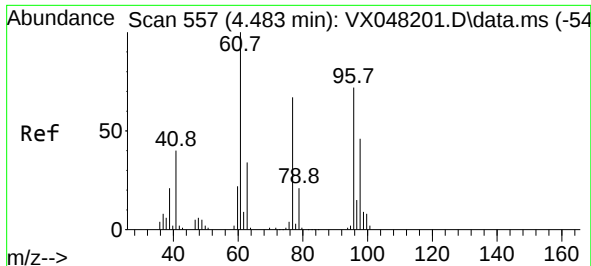
Tgt Ion: 77 Resp: 369019

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 162.203 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

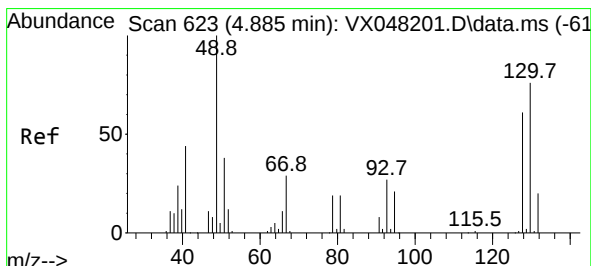
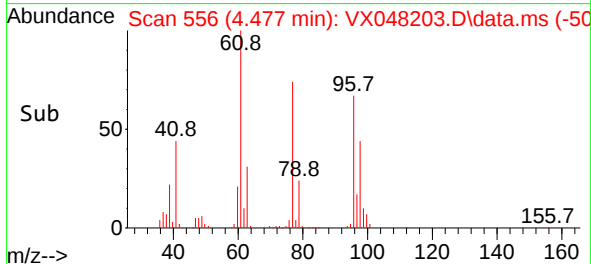
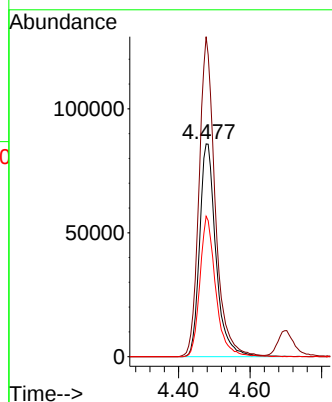
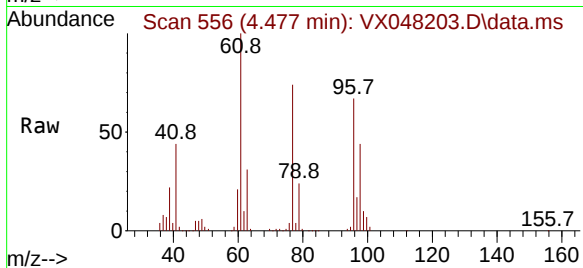
Tgt Ion: 96 Resp: 271629

Ion Ratio Lower Upper

96 100

61 148.4 0.0 294.2

98 64.0 0.0 128.4



#28

Bromochloromethane

Concen: 169.292 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

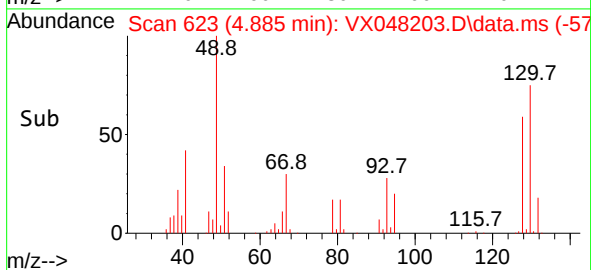
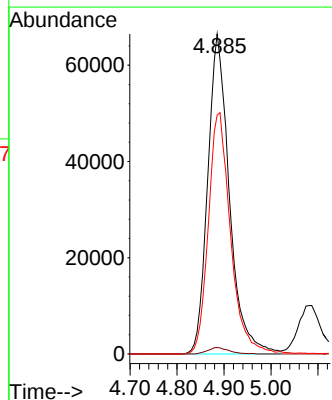
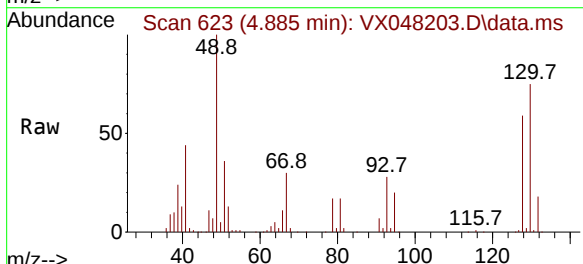
Tgt Ion: 49 Resp: 212685

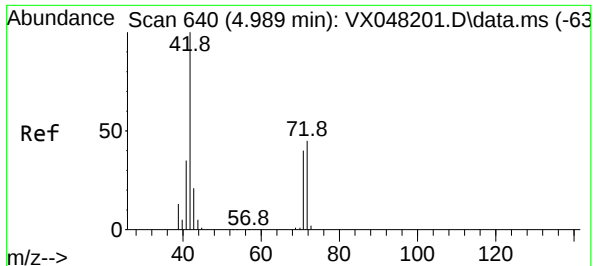
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 77.3 59.3 88.9





#29

Tetrahydrofuran

Concen: 836.226 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

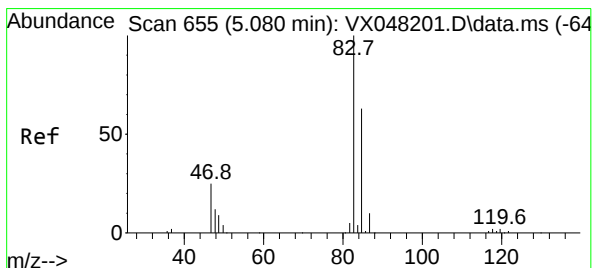
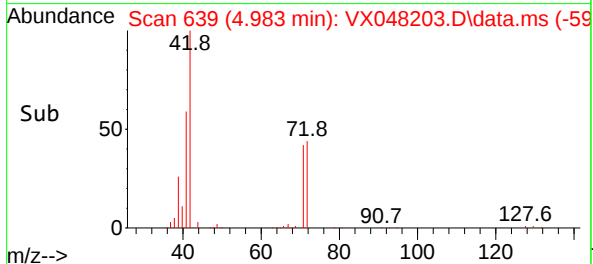
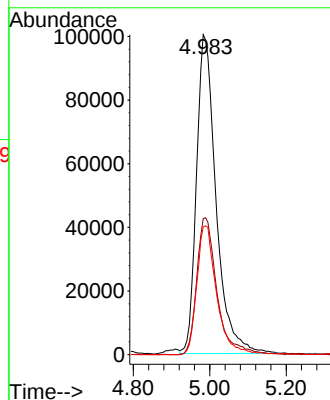
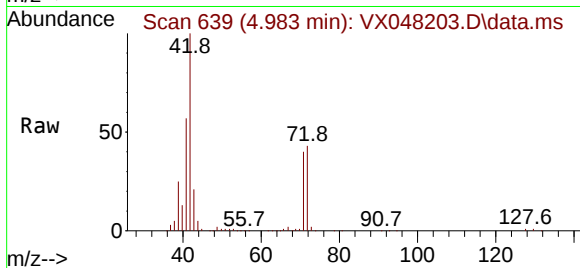
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 355888

Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.3	52.9
71	41.1	32.2	48.4



#30

Chloroform

Concen: 152.827 ug/l

RT: 5.080 min Scan# 655

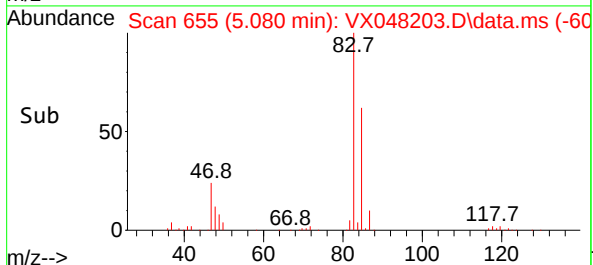
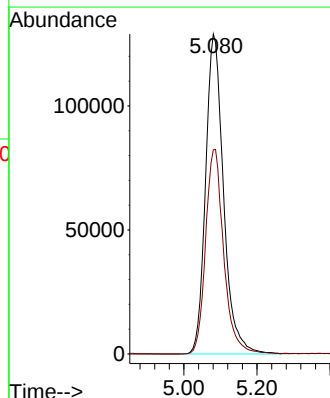
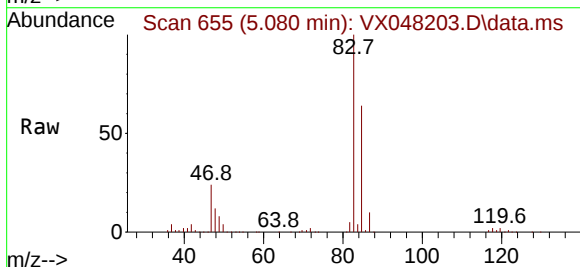
Delta R.T. 0.000 min

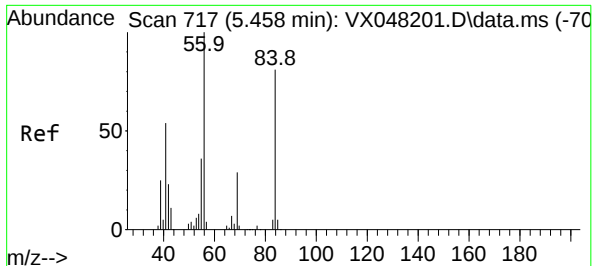
Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Tgt Ion: 83 Resp: 438527

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.1	75.1

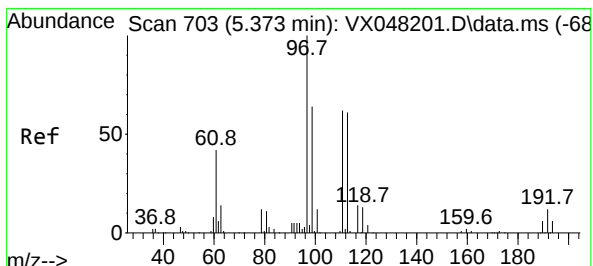
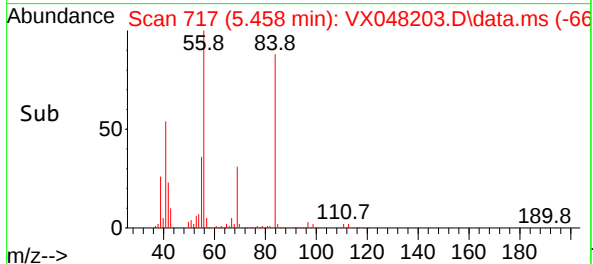
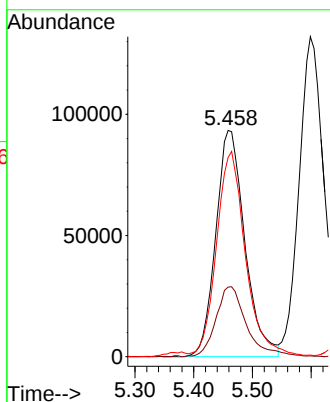
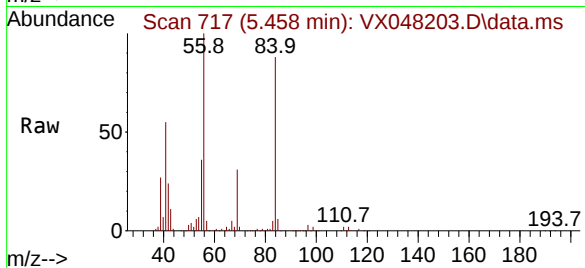




#31
Cyclohexane
Concen: 143.749 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

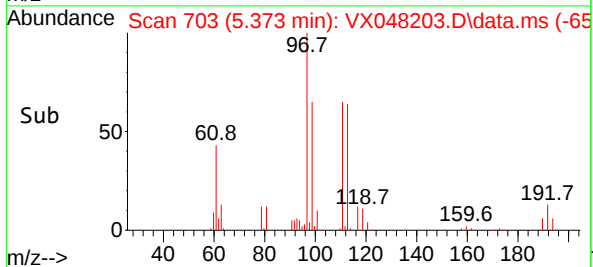
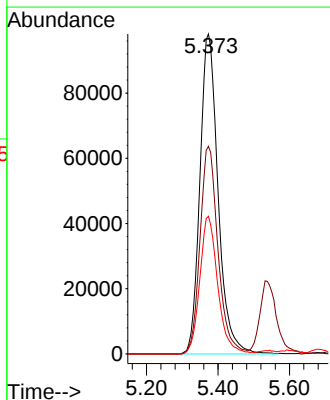
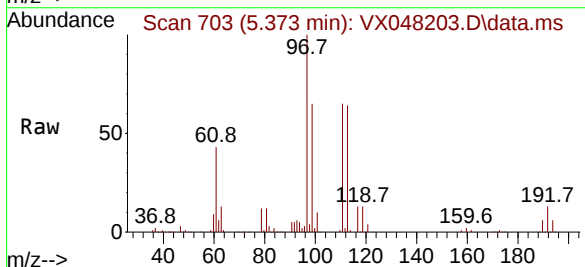
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

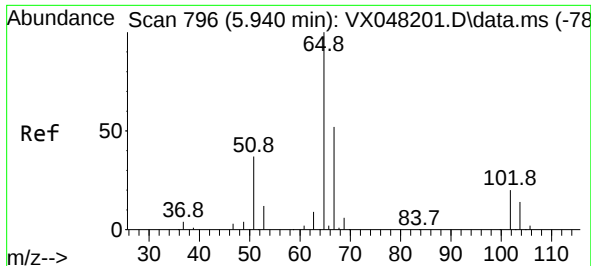
Tgt Ion: 56 Resp: 320574
Ion Ratio Lower Upper
56 100
69 30.3 23.0 34.6
84 86.4 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 146.860 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 97 Resp: 346247
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 42.6 34.8 52.2

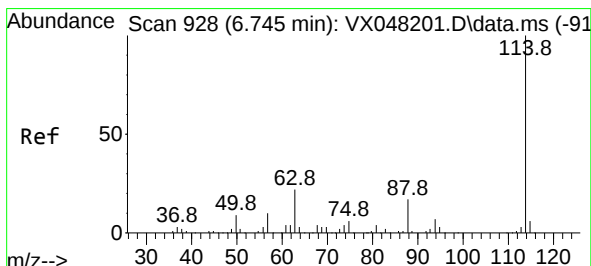
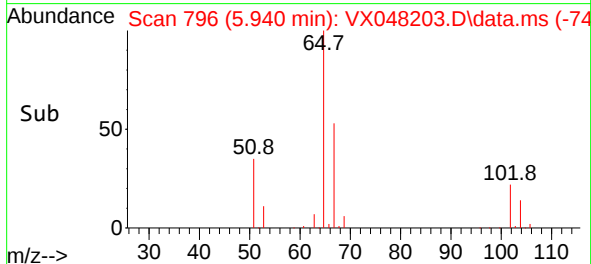
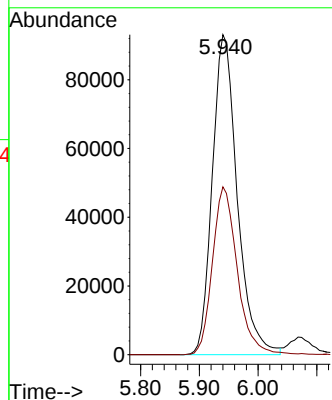
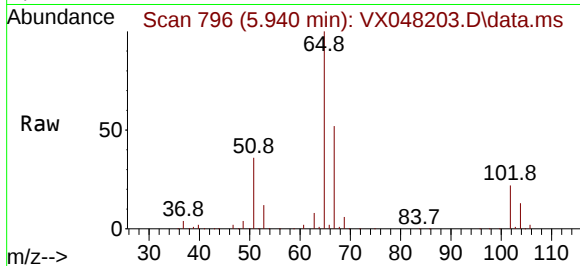




#33
 1,2-Dichloroethane-d4
 Concen: 150.569 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

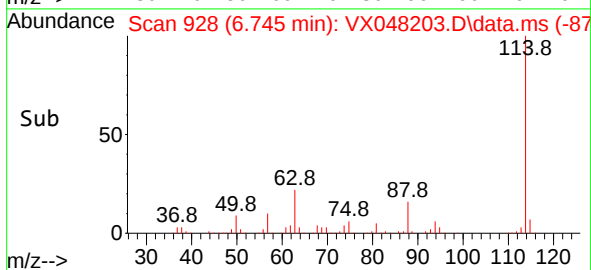
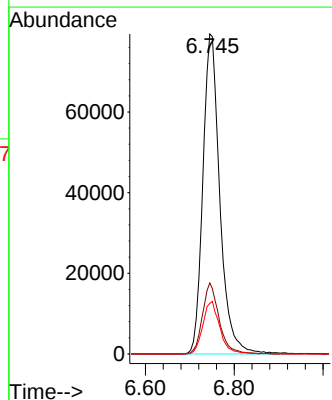
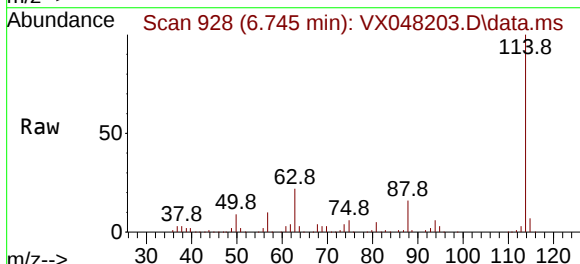
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

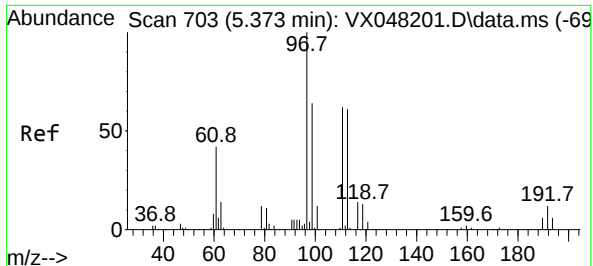
Tgt Ion: 65 Resp: 274559
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 114 Resp: 210821
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 15.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 143.603 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

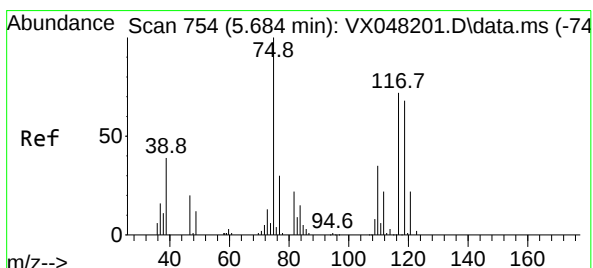
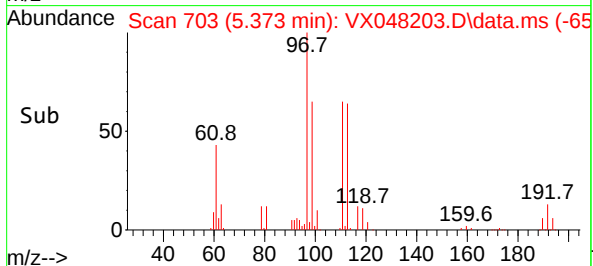
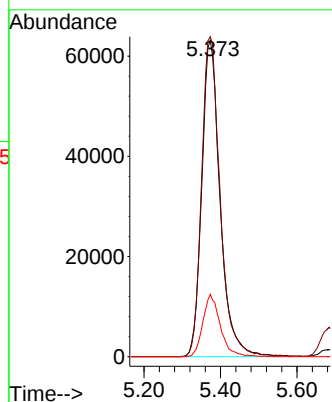
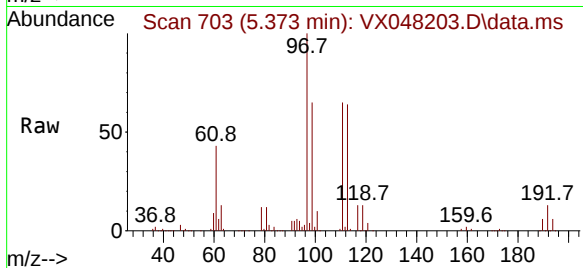
Tgt Ion:113 Resp: 210113

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 18.8 15.1 22.7



#36

1,1-Dichloropropene

Concen: 133.359 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

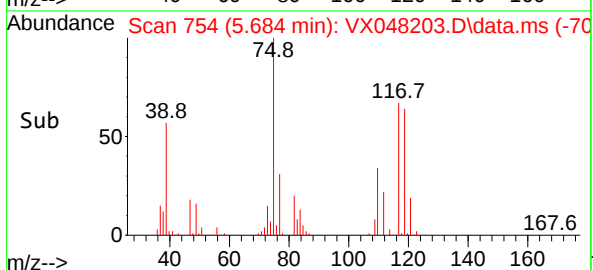
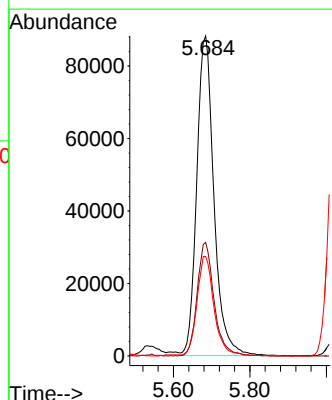
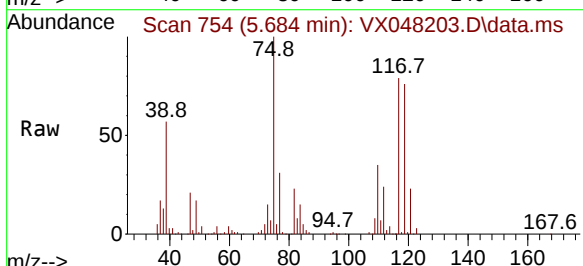
Tgt Ion: 75 Resp: 274873

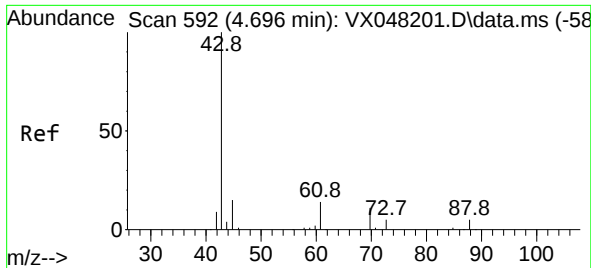
Ion Ratio Lower Upper

75 100

110 35.1 17.7 53.1

77 30.6 24.3 36.5

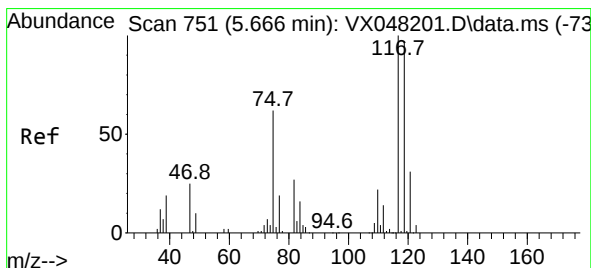
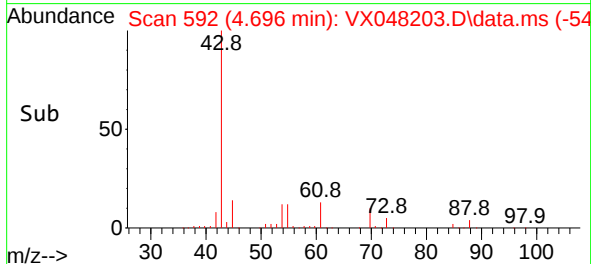
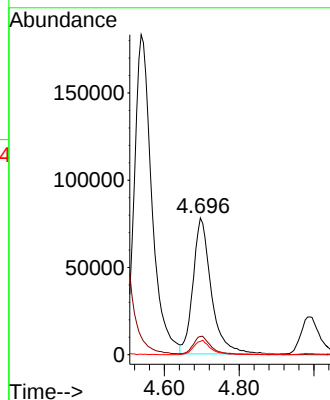
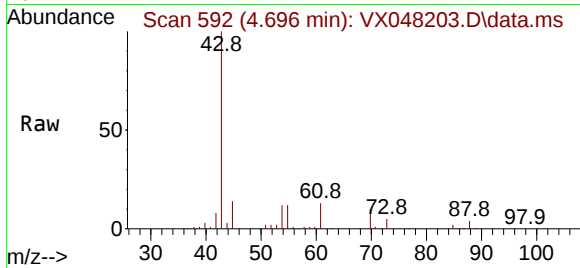




#37
Ethyl Acetate
Concen: 160.015 ug/l
RT: 4.696 min Scan# 592
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

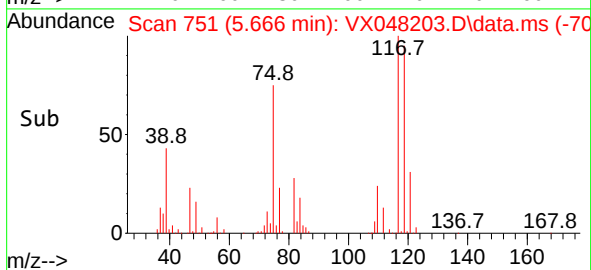
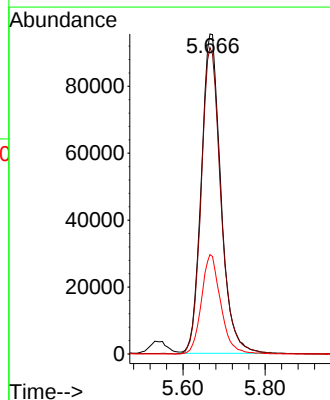
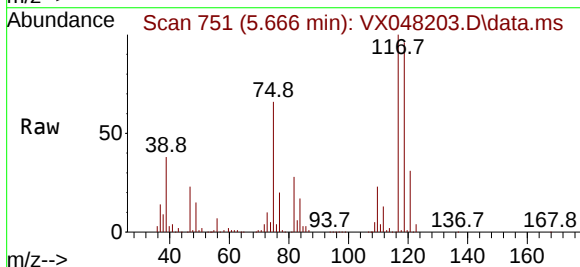
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

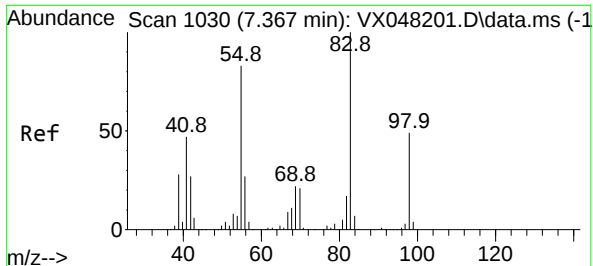
Tgt Ion: 43 Resp: 263583
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 9.5 7.8 11.6



#38
Carbon Tetrachloride
Concen: 133.495 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 117 Resp: 315826
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 153.856 ug/l

RT: 7.367 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

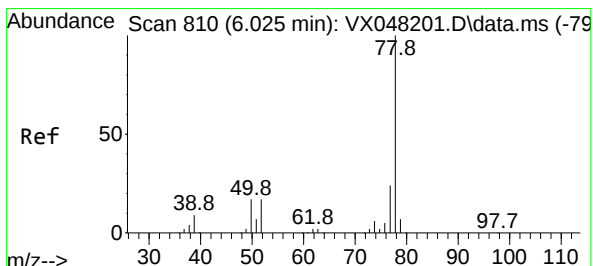
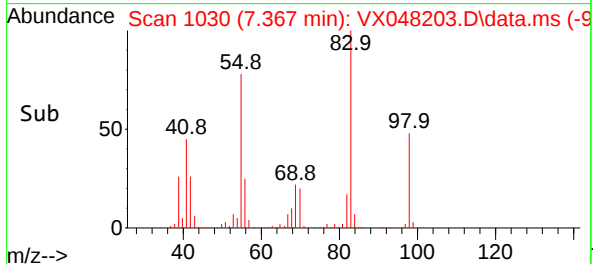
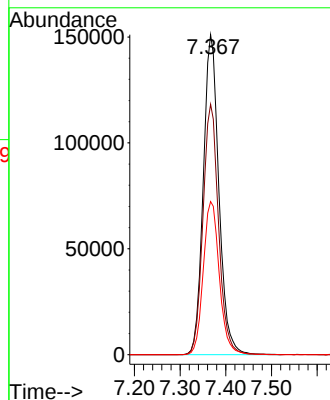
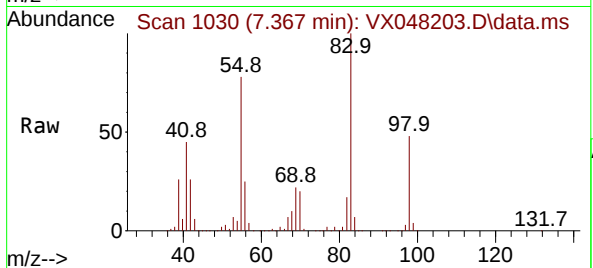
Tgt Ion: 83 Resp: 357557

Ion Ratio Lower Upper

83 100

55 78.2 66.2 99.2

98 47.9 38.9 58.3



#40

Benzene

Concen: 148.085 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048203.D

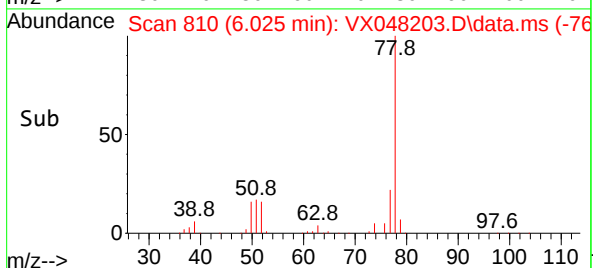
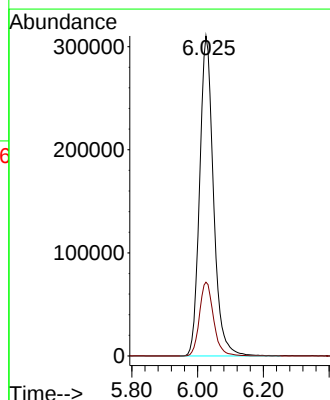
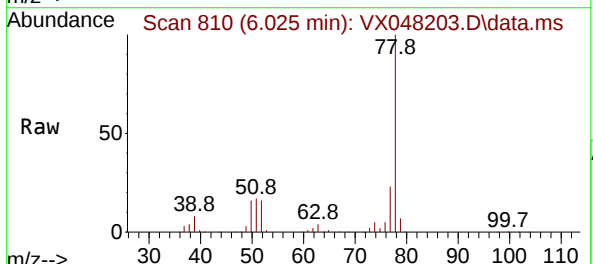
Acq: 17 Oct 2025 10:36

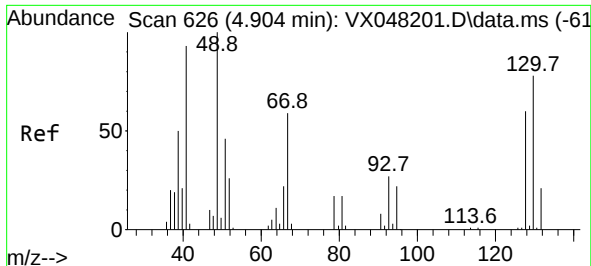
Tgt Ion: 78 Resp: 906330

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9

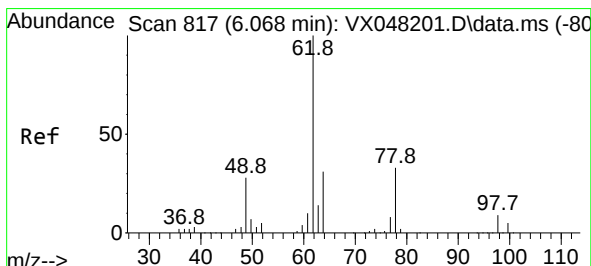
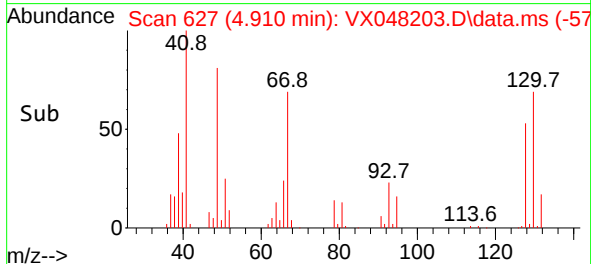
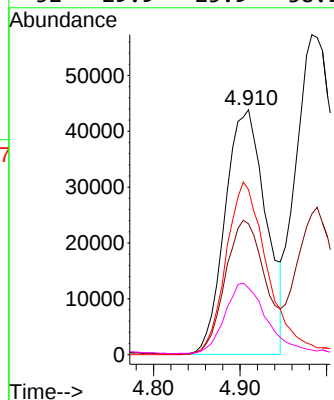
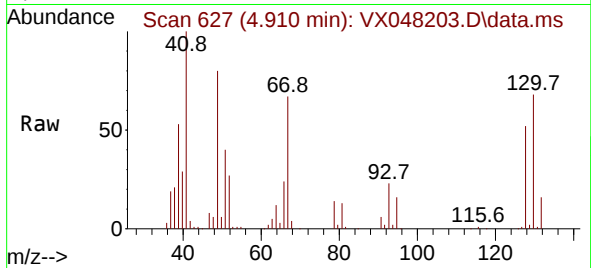




#41
Methacrylonitrile
Concen: 163.089 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

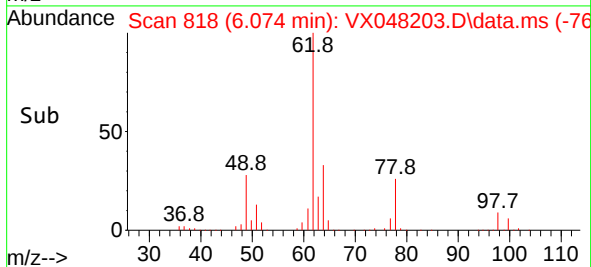
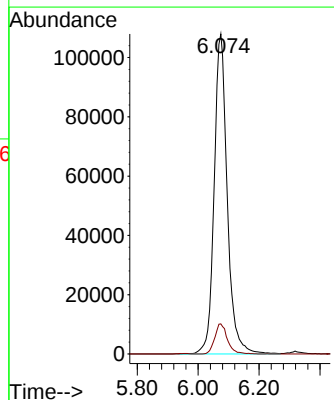
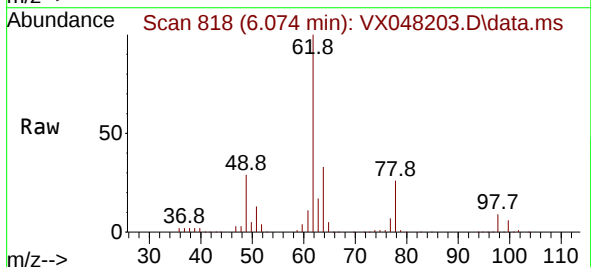
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

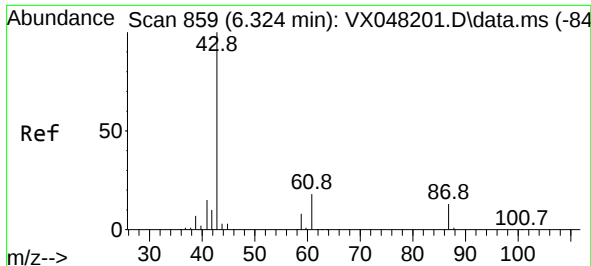
Tgt Ion: 41 Resp: 143876
Ion Ratio Lower Upper
41 100
39 53.2 44.0 66.0
67 73.3 58.7 88.1
52 29.9 25.9 38.9



#42
1,2-Dichloroethane
Concen: 146.655 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 62 Resp: 321581
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.2

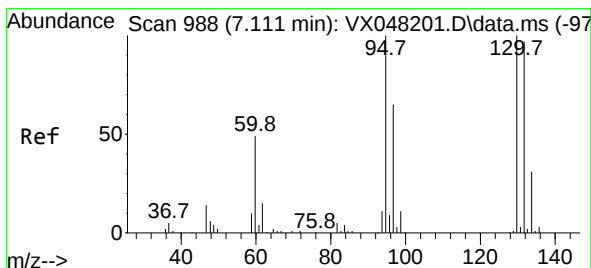
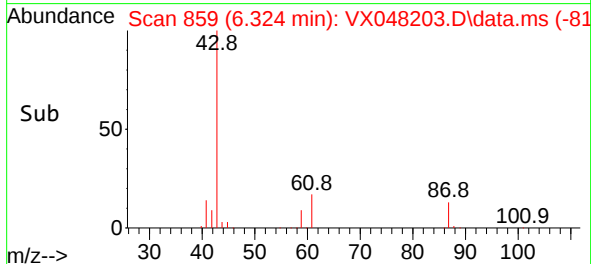
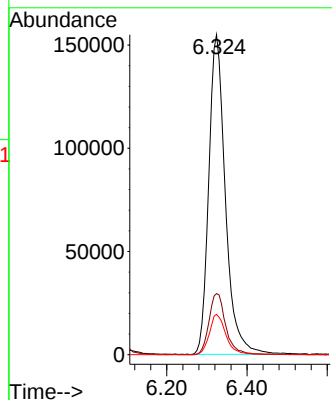
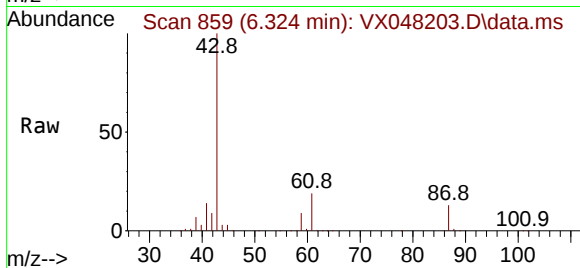




#43
Isopropyl Acetate
Concen: 161.273 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

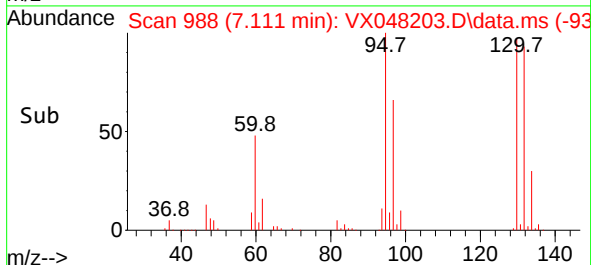
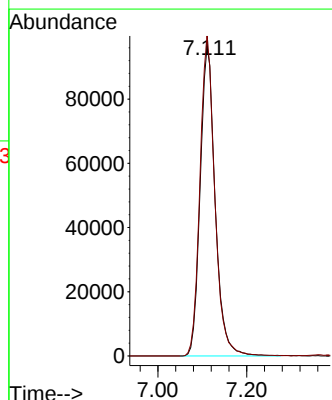
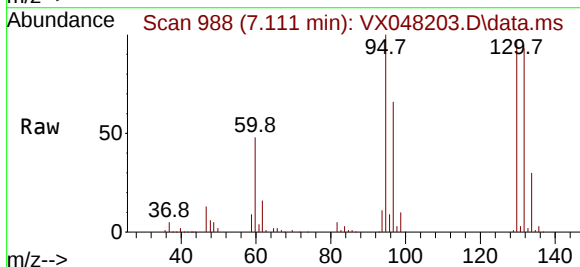
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

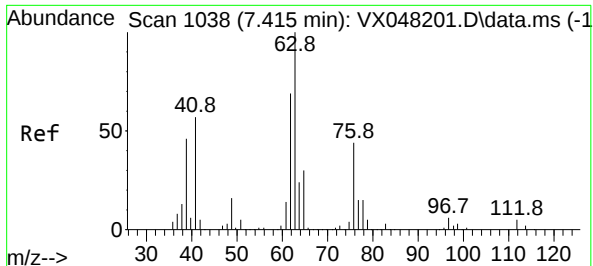
Tgt Ion: 43 Resp: 445943
Ion Ratio Lower Upper
43 100
61 19.4 14.9 22.3
87 12.6 9.4 14.2



#44
Trichloroethene
Concen: 146.811 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:130 Resp: 226452
Ion Ratio Lower Upper
130 100
95 103.2 0.0 200.6





#45

1,2-Dichloropropane

Concen: 149.522 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

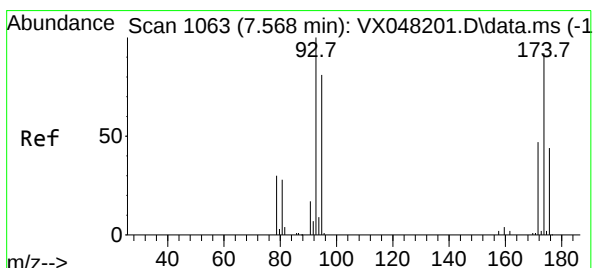
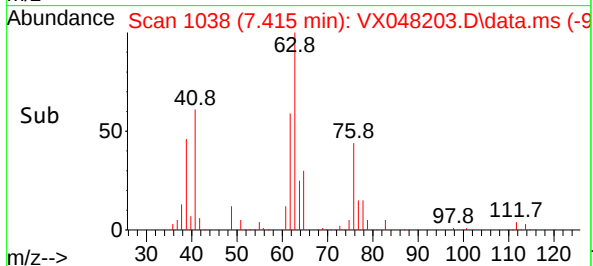
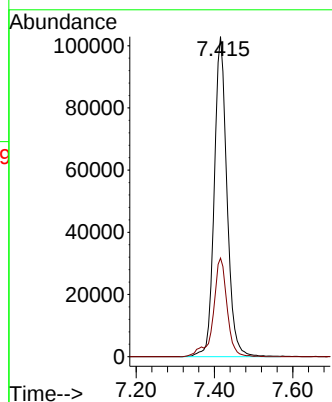
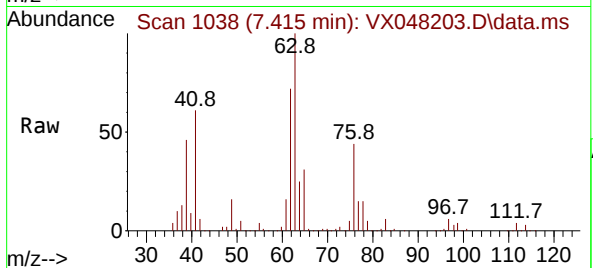
VSTDIC150

Tgt Ion: 63 Resp: 231605

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 147.789 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

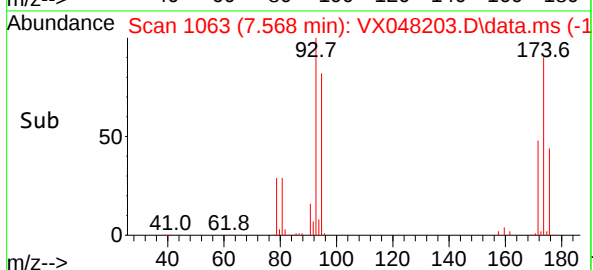
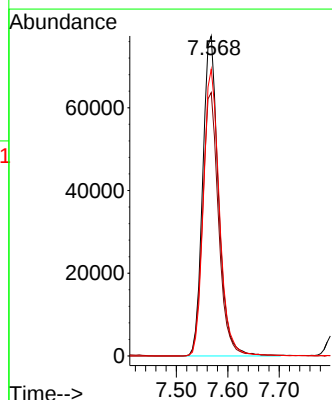
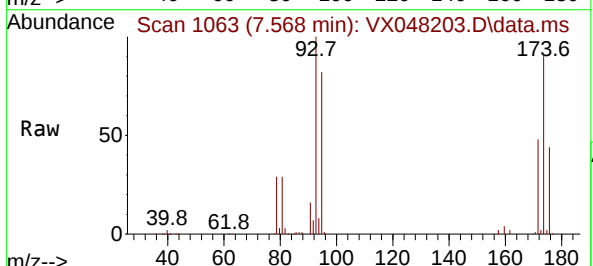
Tgt Ion: 93 Resp: 164711

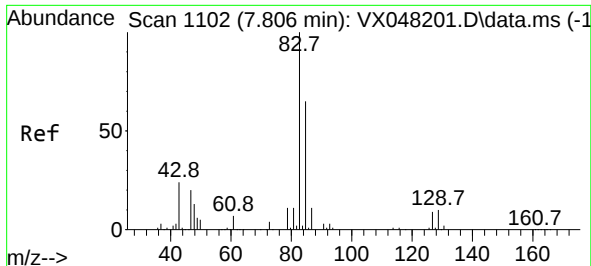
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 90.8 71.7 107.5

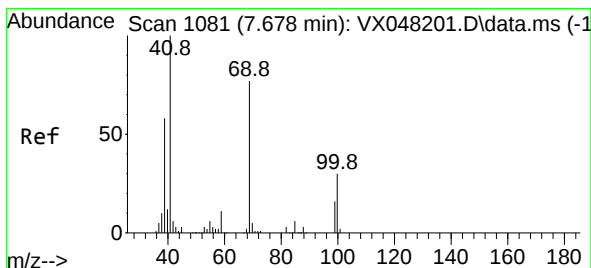
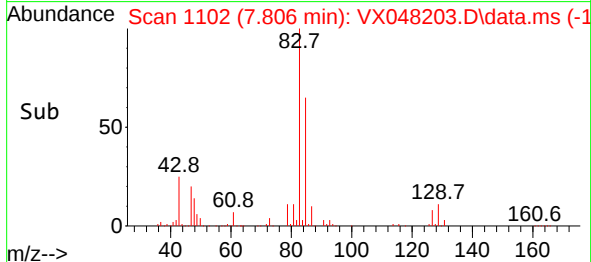
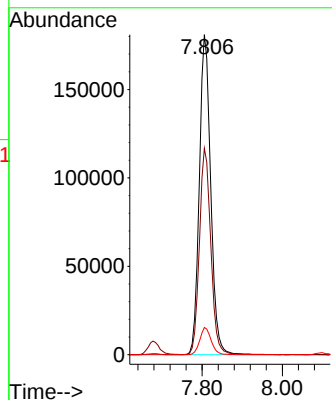
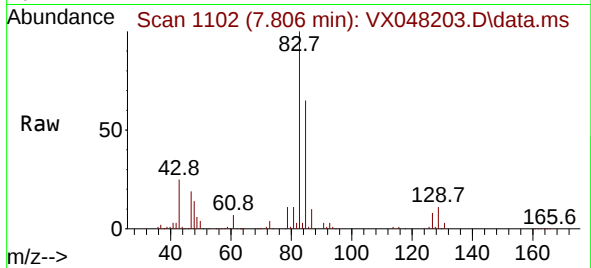




#47
Bromodichloromethane
Concen: 148.066 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

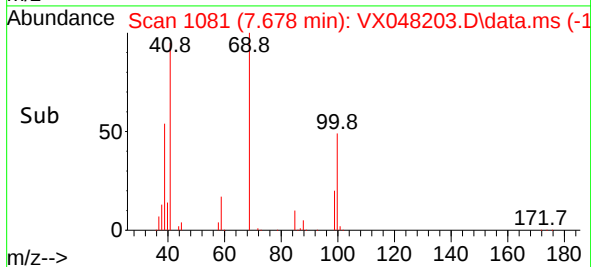
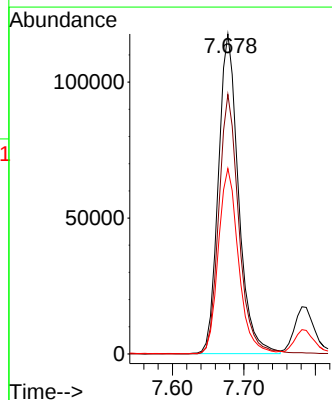
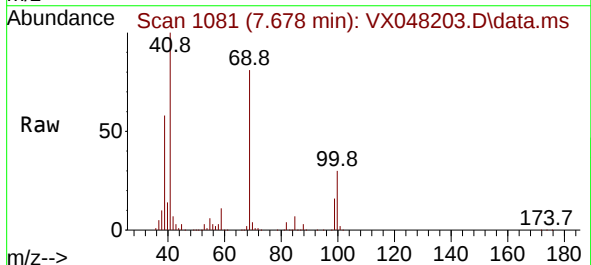
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

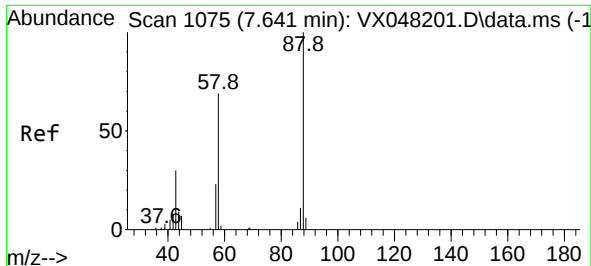
Tgt Ion: 83 Resp: 356656
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 8.5 7.3 10.9



#48
Methyl methacrylate
Concen: 162.424 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 41 Resp: 229909
Ion Ratio Lower Upper
41 100
69 81.0 63.4 95.0
39 58.1 47.1 70.7



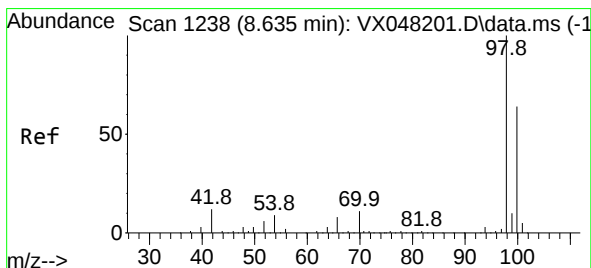
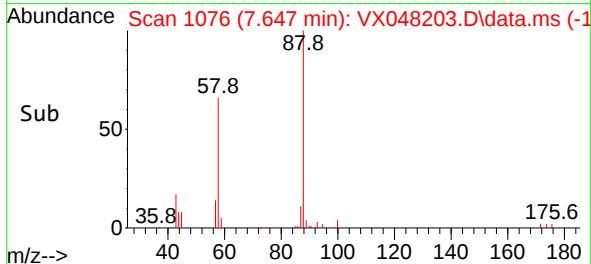
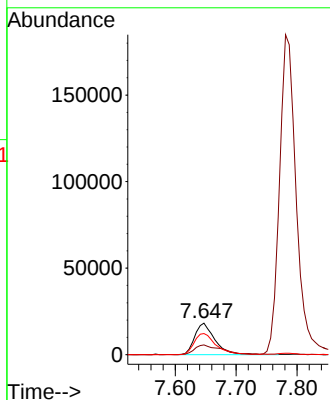
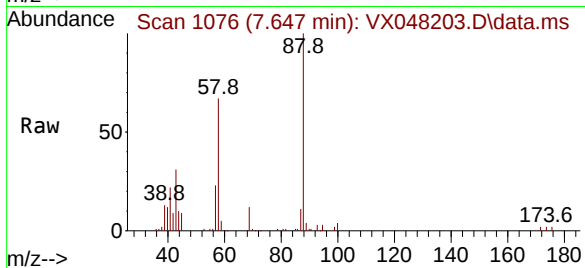


#49
1,4-Dioxane
Concen: 3283.029 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 41831

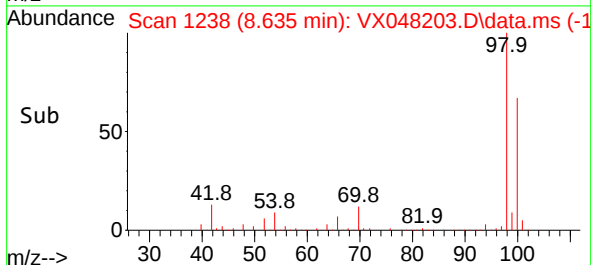
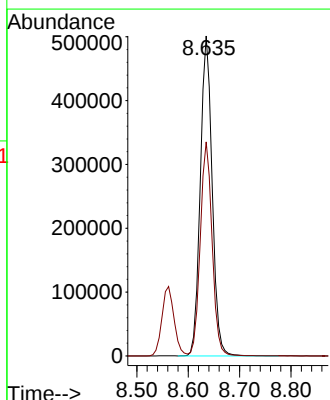
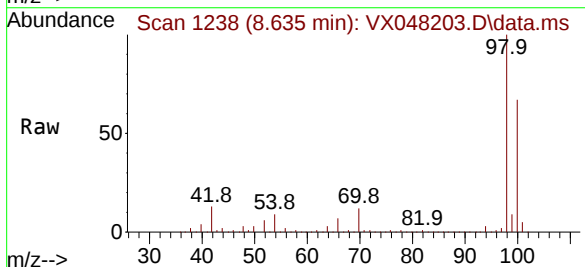
Ion	Ratio	Lower	Upper
88	100		
43	42.5	35.0	52.4
58	73.0	61.9	92.9

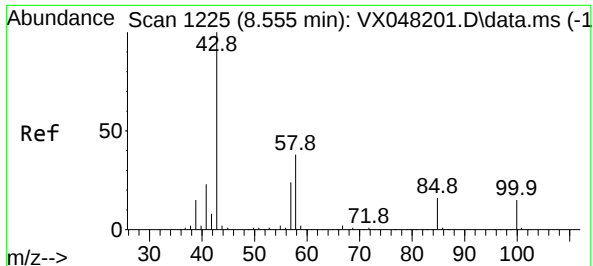


#50
Toluene-d8
Concen: 151.816 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 98 Resp: 800240

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

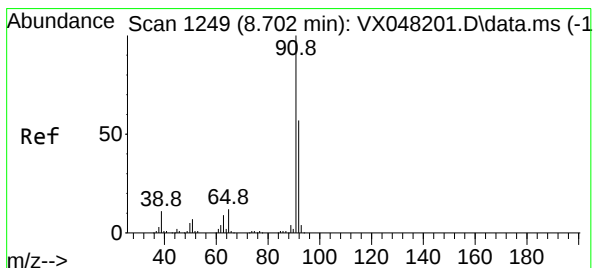
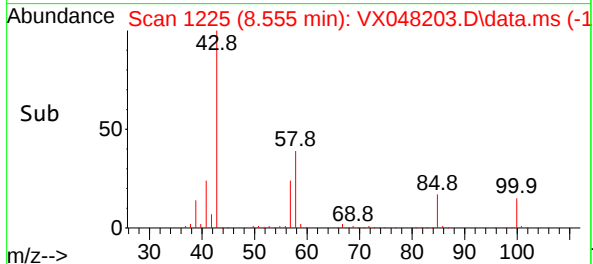
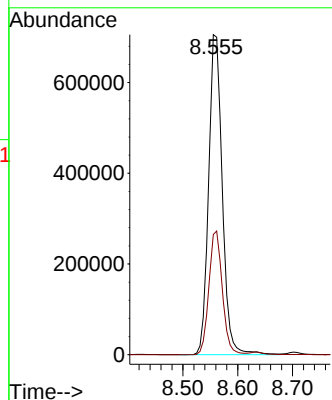
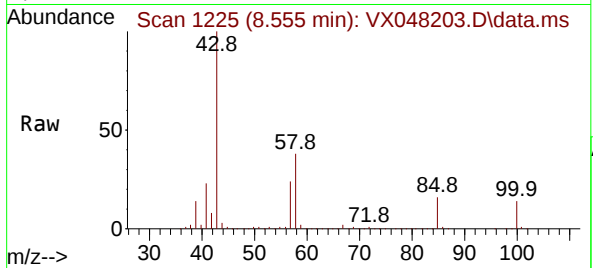




#51
4-Methyl-2-Pentanone
Concen: 791.106 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

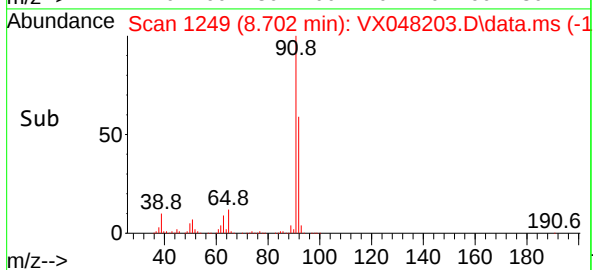
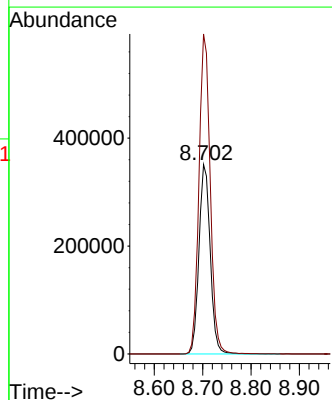
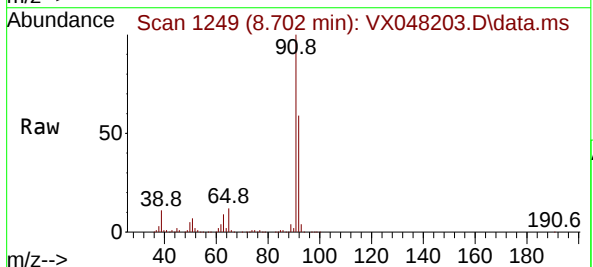
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

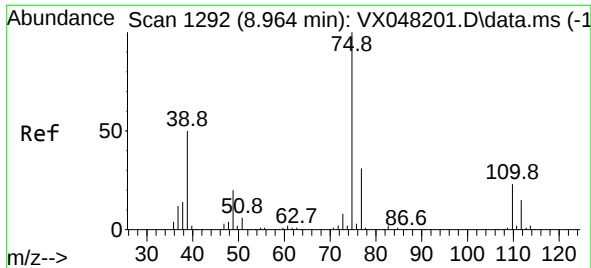
Tgt Ion: 43 Resp: 1217261
Ion Ratio Lower Upper
43 100
58 38.0 29.5 44.3



#52
Toluene
Concen: 153.859 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 92 Resp: 565979
Ion Ratio Lower Upper
92 100
91 168.8 136.1 204.1

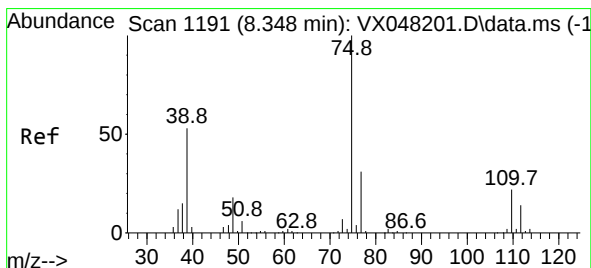
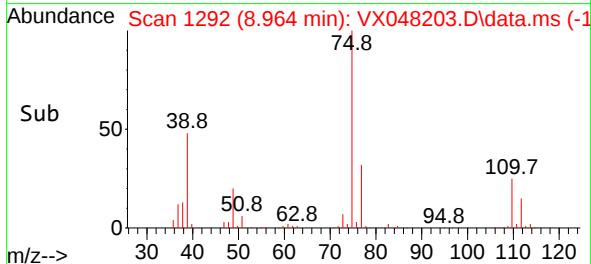
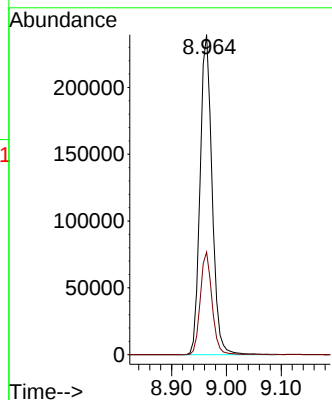
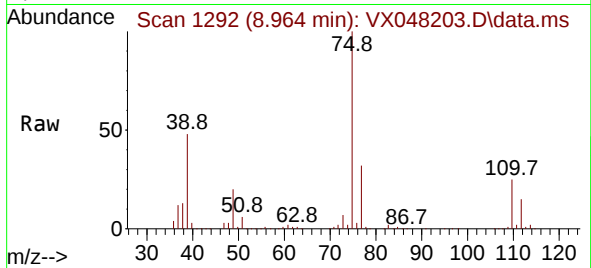




#53
 t-1,3-Dichloropropene
 Concen: 161.891 ug/l
 RT: 8.964 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

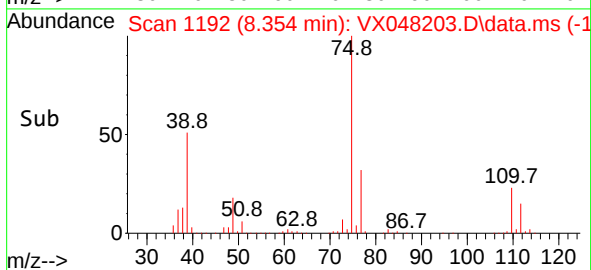
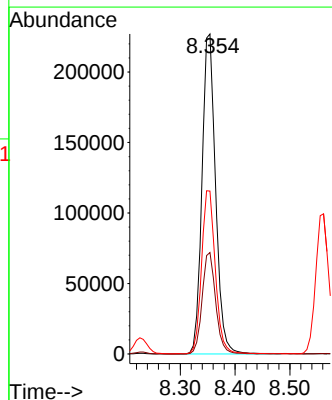
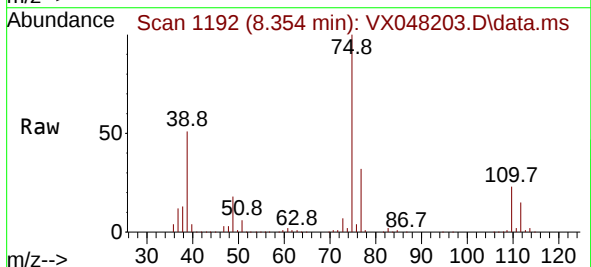
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

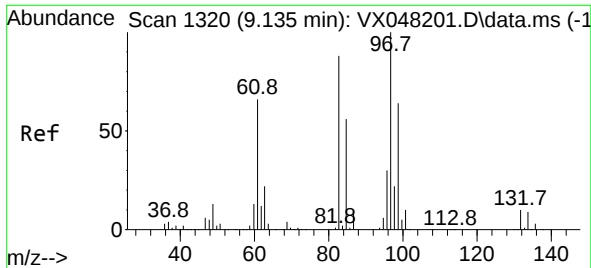
Tgt Ion: 75 Resp: 365322
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 159.088 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 391297
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.9 37.3
 39 50.8 42.6 64.0



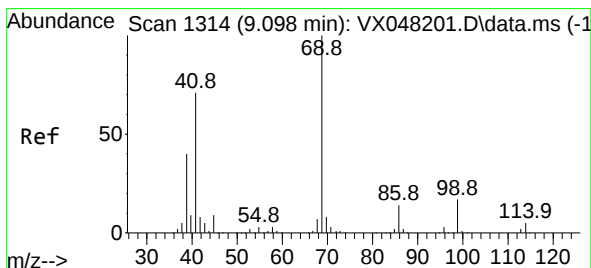
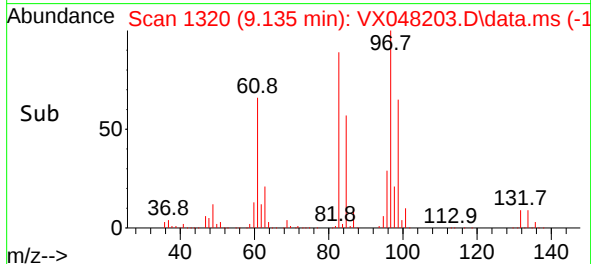
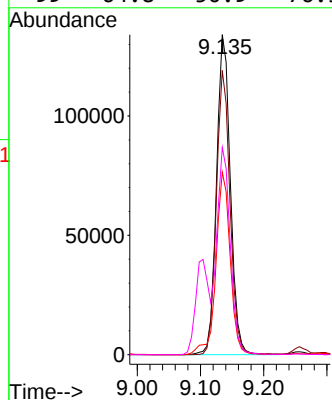
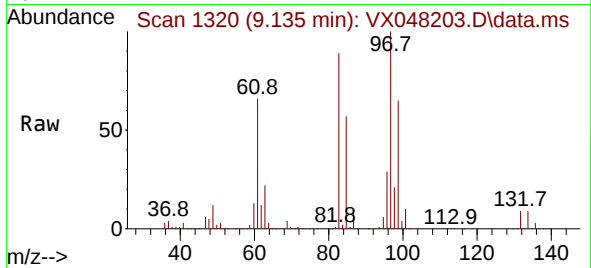


#55
 1,1,2-Trichloroethane
 Concen: 148.432 ug/l
 RT: 9.135 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 203730

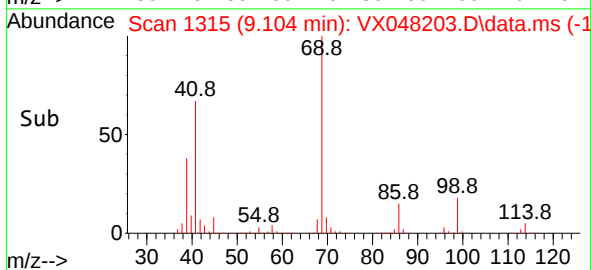
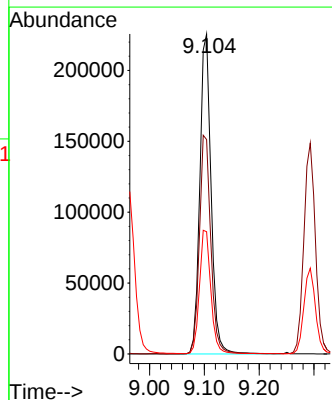
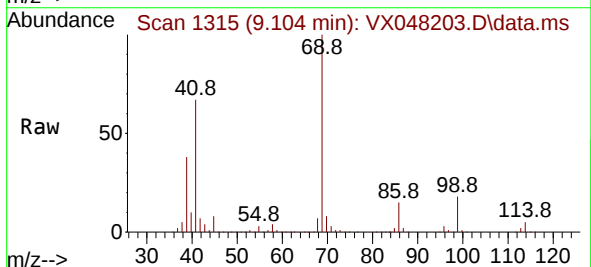
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.6	105.8
85	57.1	45.0	67.6
99	64.8	50.9	76.3

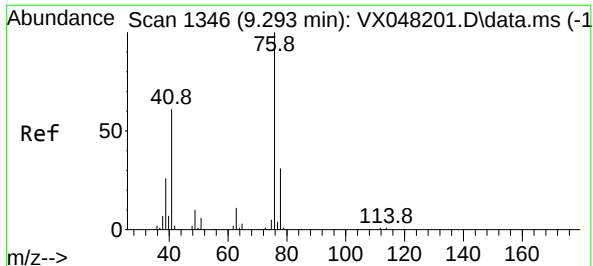


#56
 Ethyl methacrylate
 Concen: 173.022 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. 0.006 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 69 Resp: 322997

Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.0	84.0
39	39.0	31.6	47.4





#57

1,3-Dichloropropane

Concen: 150.926 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

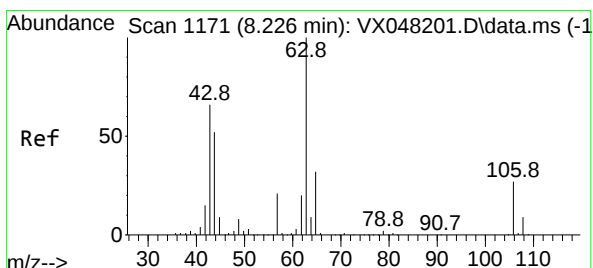
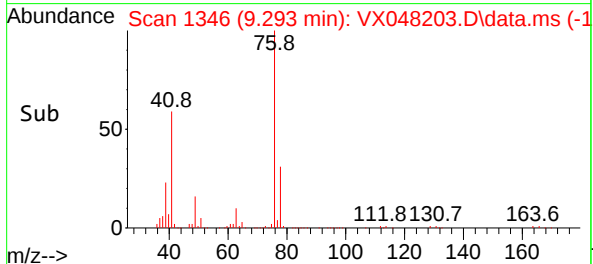
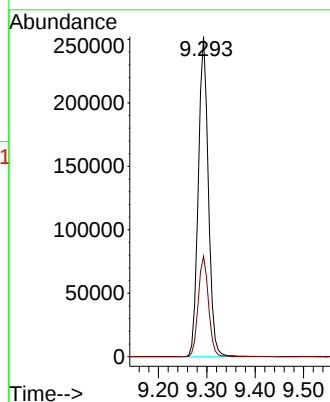
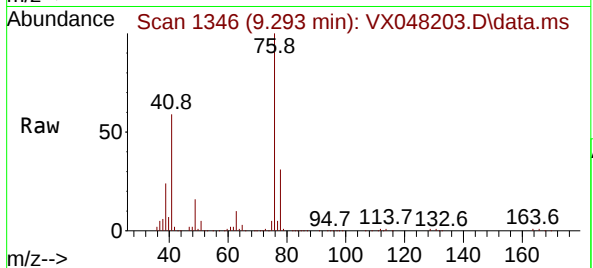
VSTDIC150

Tgt Ion: 76 Resp: 361920

Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 751.288 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048203.D

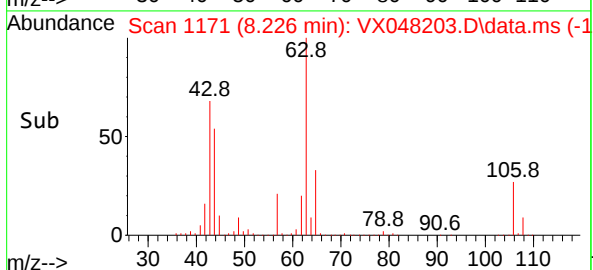
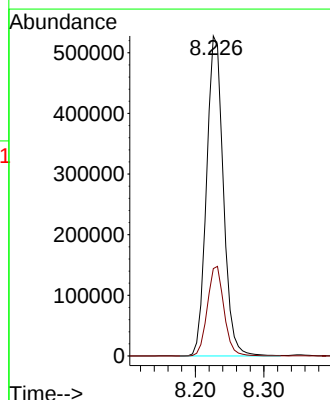
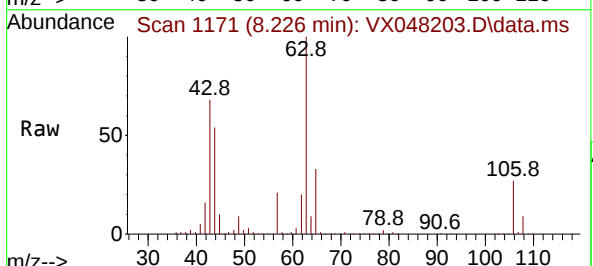
Acq: 17 Oct 2025 10:36

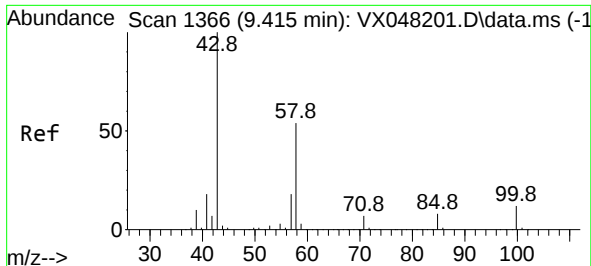
Tgt Ion: 63 Resp: 899124

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.2





#59

2-Hexanone

Concen: 789.557 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

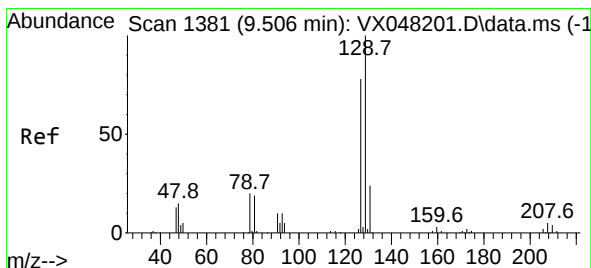
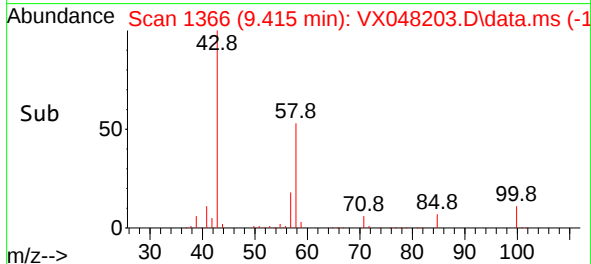
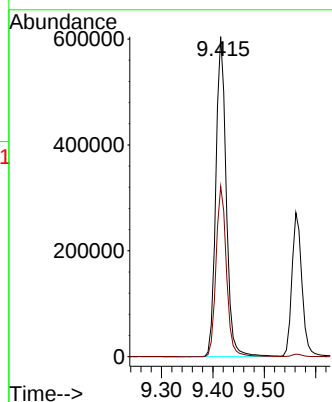
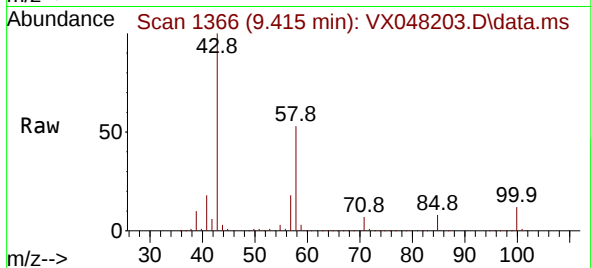
VSTDIC150

Tgt Ion: 43 Resp: 849774

Ion Ratio Lower Upper

43 100

58 53.6 26.3 78.8



#60

Dibromochloromethane

Concen: 152.397 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048203.D

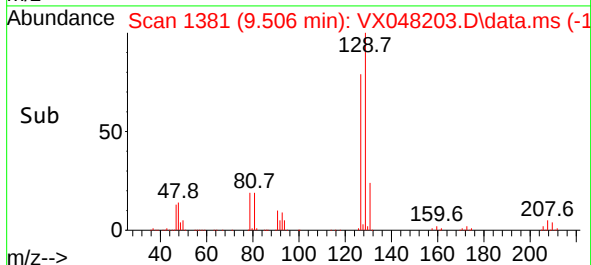
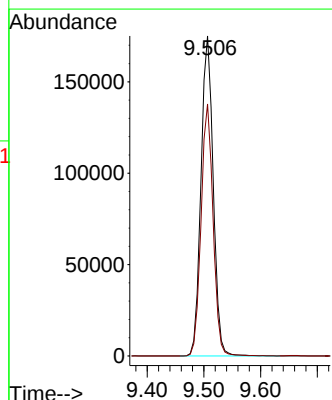
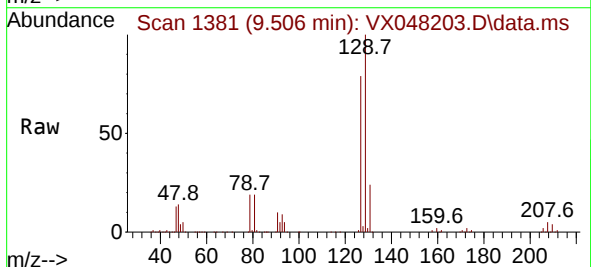
Acq: 17 Oct 2025 10:36

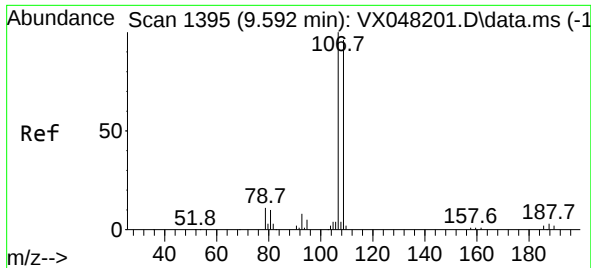
Tgt Ion: 129 Resp: 261816

Ion Ratio Lower Upper

129 100

127 77.5 38.6 115.7

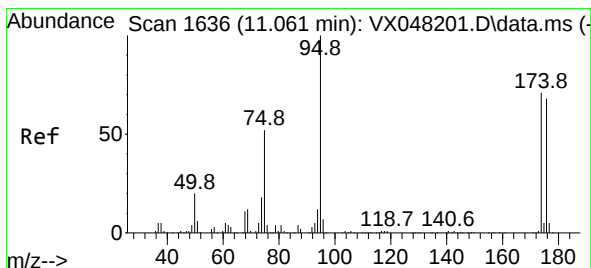
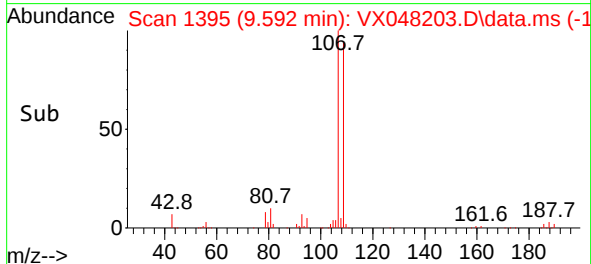
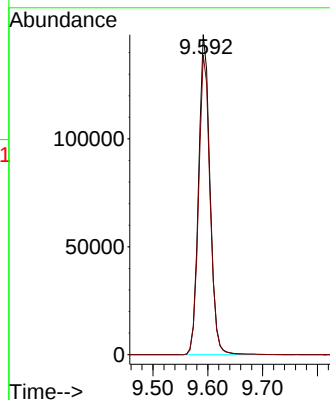
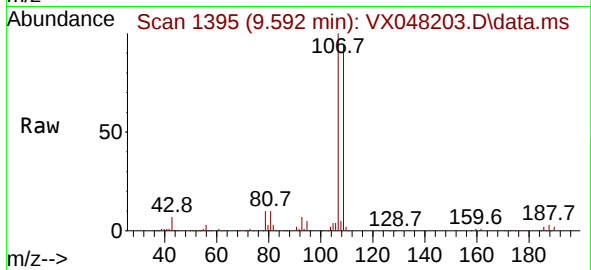




#61
1,2-Dibromoethane
Concen: 152.744 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

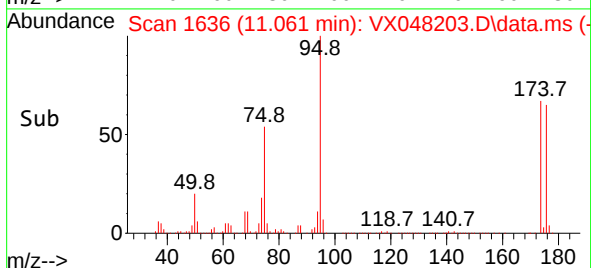
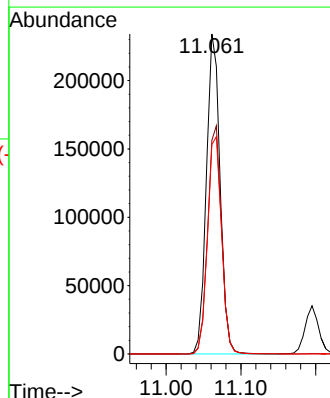
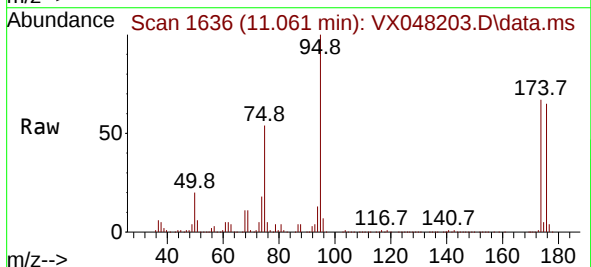
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

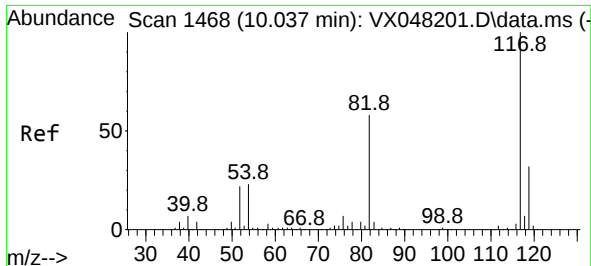
Tgt Ion:107 Resp: 214969
Ion Ratio Lower Upper
107 100
109 94.1 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 154.922 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 95 Resp: 297432
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.8
176 69.9 0.0 142.8

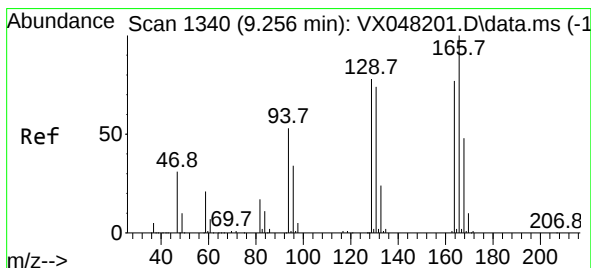
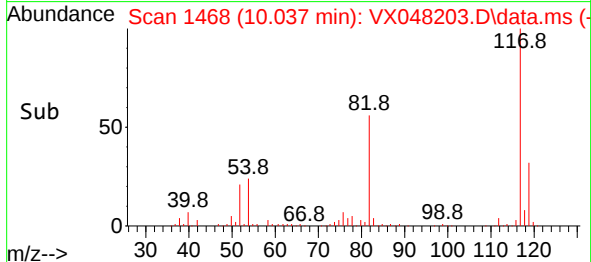
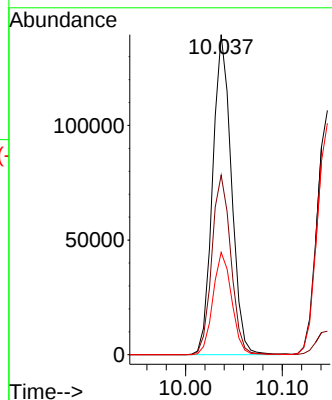
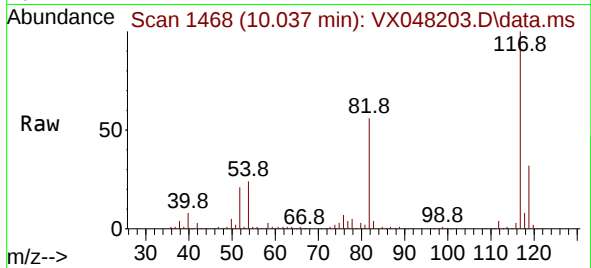




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

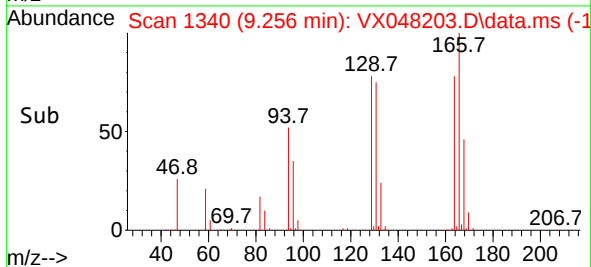
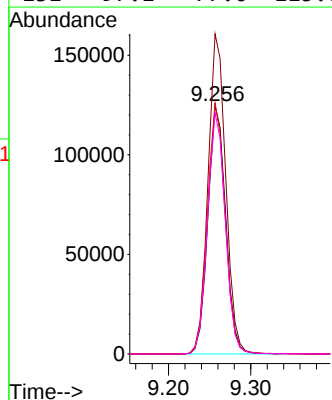
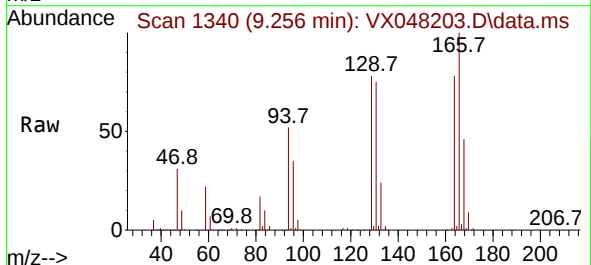
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

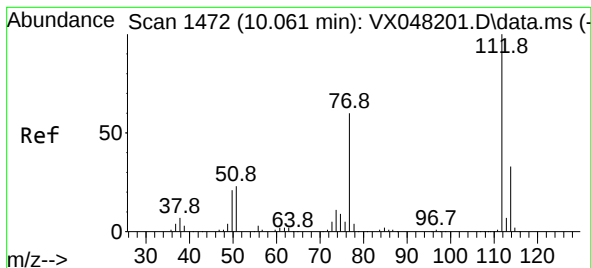
Tgt Ion:117 Resp: 188406
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 141.745 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:164 Resp: 187250
Ion Ratio Lower Upper
164 100
166 128.8 104.5 156.7
129 101.0 81.8 122.6
131 97.1 77.0 115.6





#65

Chlorobenzene

Concen: 150.186 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

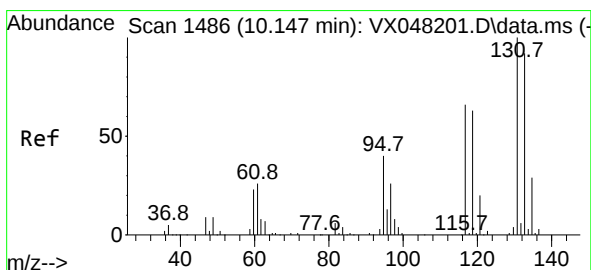
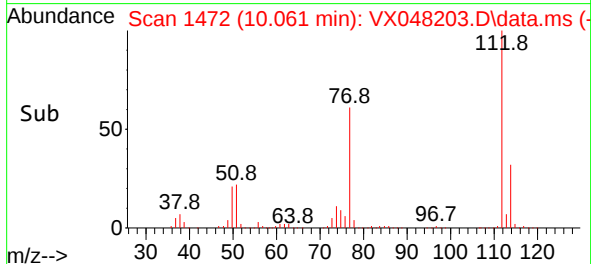
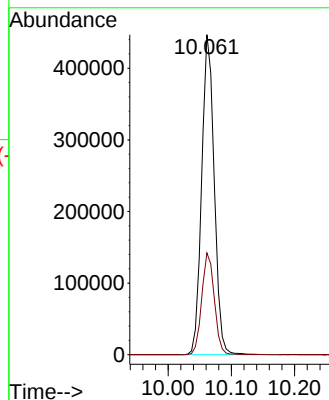
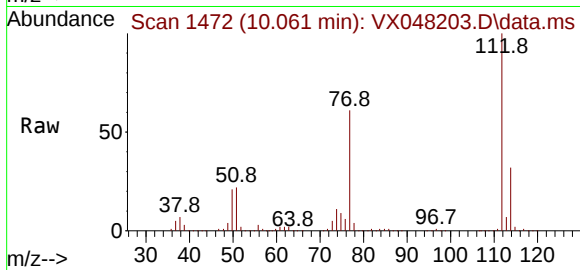
VSTDIC150

Tgt Ion:112 Resp: 618687

Ion Ratio Lower Upper

112 100

114 31.8 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 146.584 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

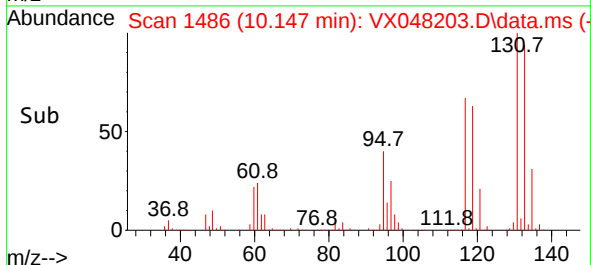
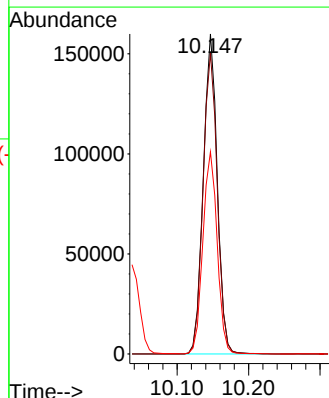
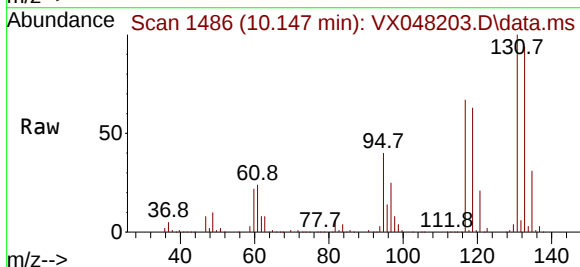
Tgt Ion:131 Resp: 217603

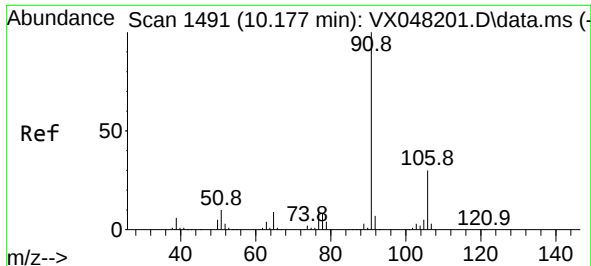
Ion Ratio Lower Upper

131 100

133 95.7 47.6 142.8

119 64.7 32.5 97.5





#67

Ethyl Benzene

Concen: 154.857 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

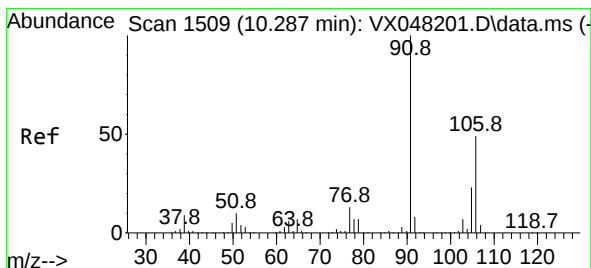
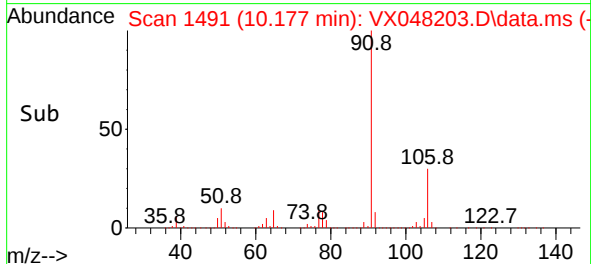
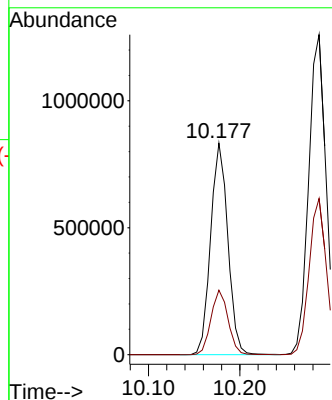
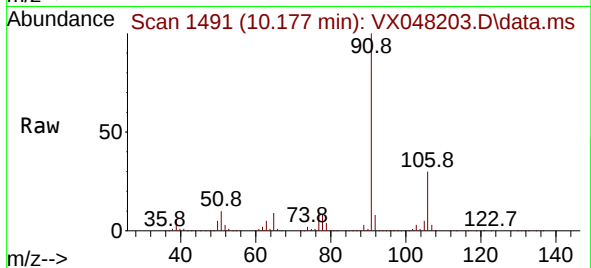
VSTDIC150

Tgt Ion: 91 Resp: 1093674

Ion Ratio Lower Upper

91 100

106 30.5 23.8 35.6



#68

m/p-Xylenes

Concen: 308.720 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048203.D

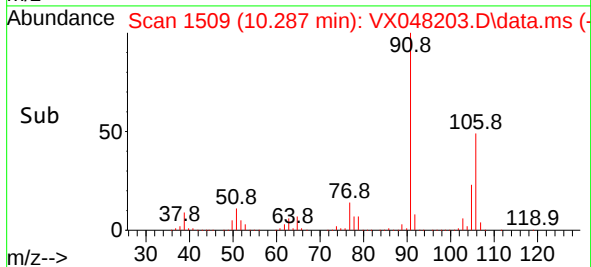
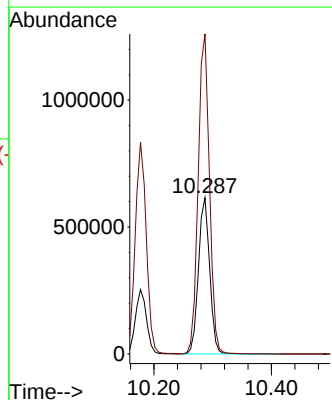
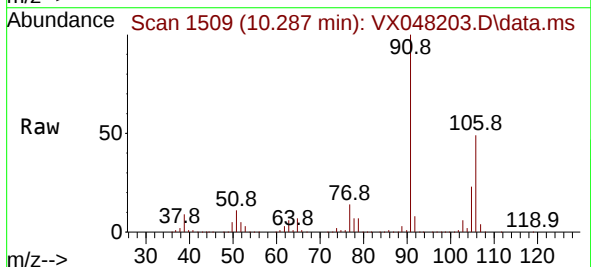
Acq: 17 Oct 2025 10:36

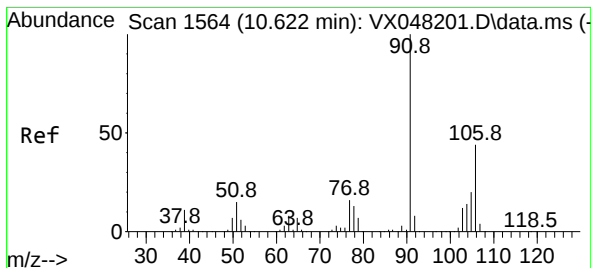
Tgt Ion:106 Resp: 812262

Ion Ratio Lower Upper

106 100

91 206.8 167.9 251.9





#69

o-Xylene

Concen: 157.625 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

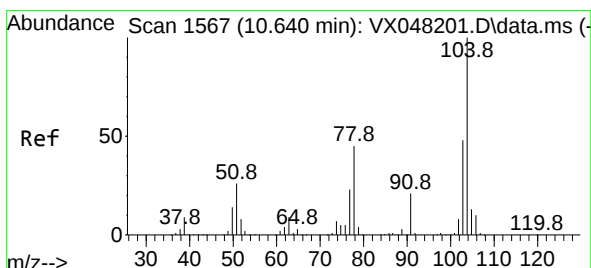
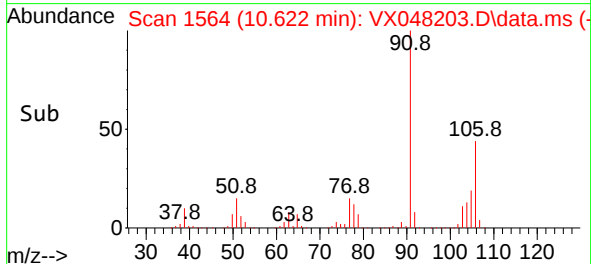
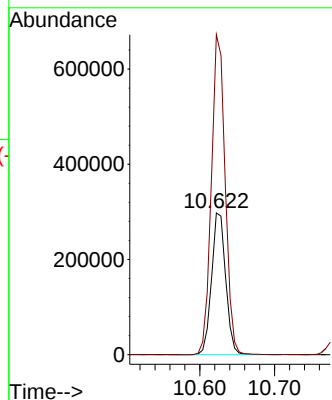
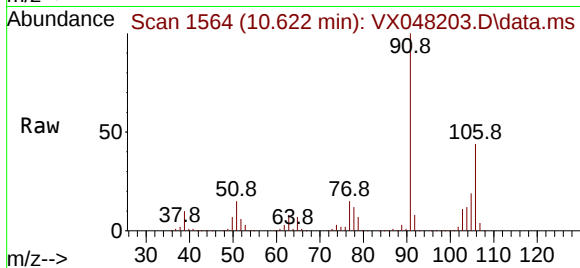
VSTDIC150

Tgt Ion:106 Resp: 390402

Ion Ratio Lower Upper

106 100

91 221.2 111.3 333.9



#70

Styrene

Concen: 159.295 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

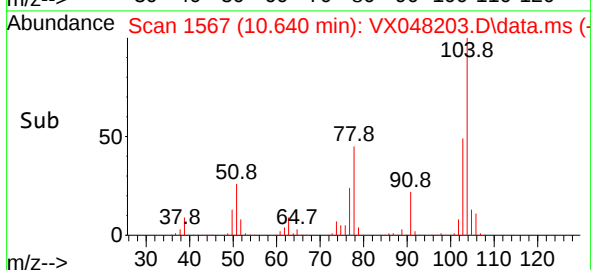
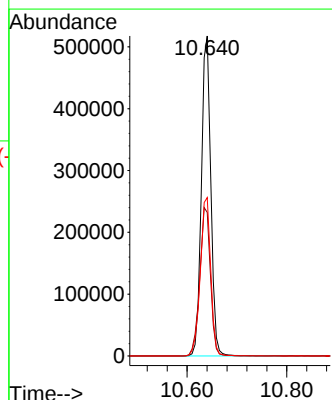
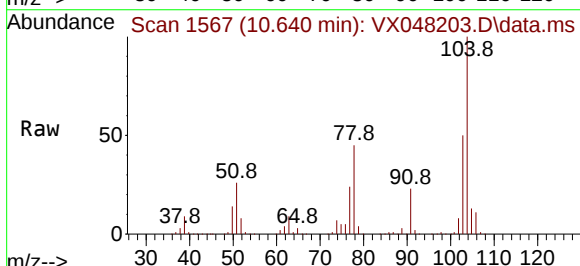
Tgt Ion:104 Resp: 679119

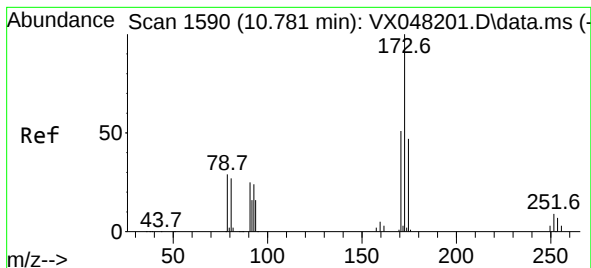
Ion Ratio Lower Upper

104 100

78 52.5 42.2 63.4

103 54.7 43.0 64.4





#71

Bromoform

Concen: 150.124 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

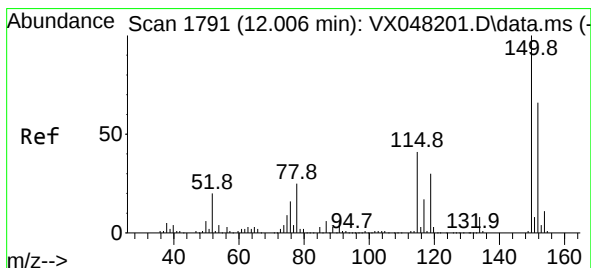
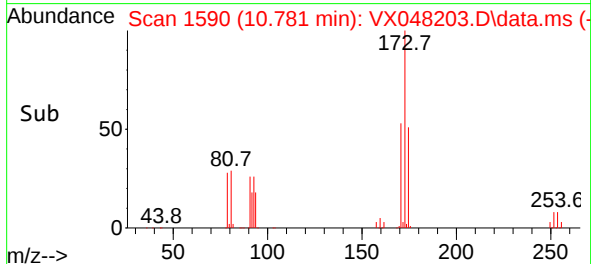
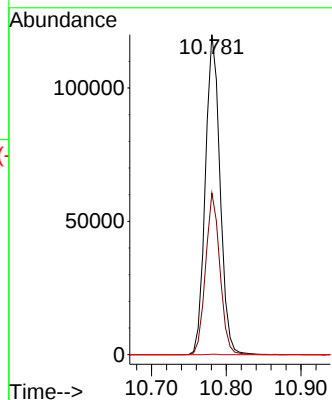
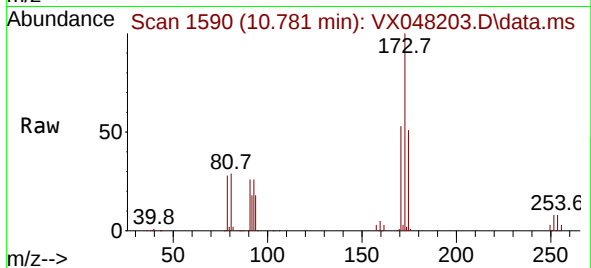
Tgt Ion:173 Resp: 163653

Ion Ratio Lower Upper

173 100

175 49.1 24.0 72.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

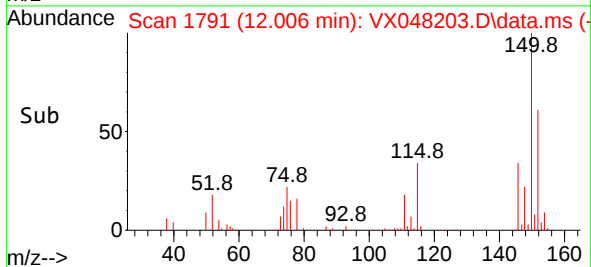
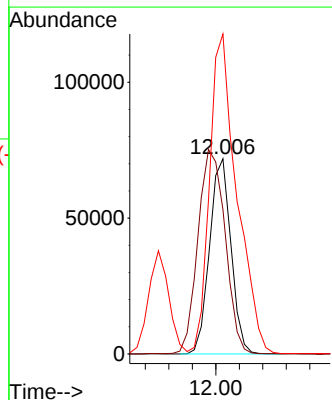
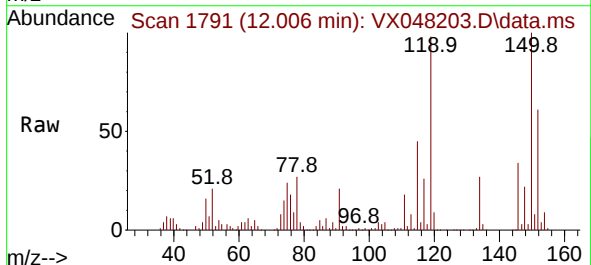
Tgt Ion:152 Resp: 90909

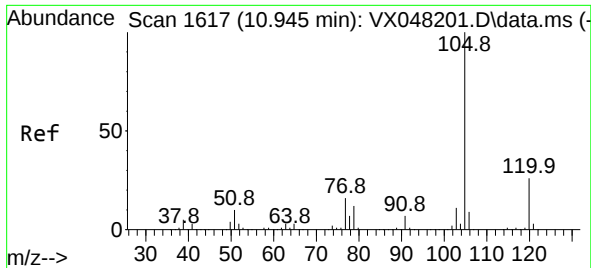
Ion Ratio Lower Upper

152 100

115 133.2 43.1 129.4#

150 209.5 0.0 353.0

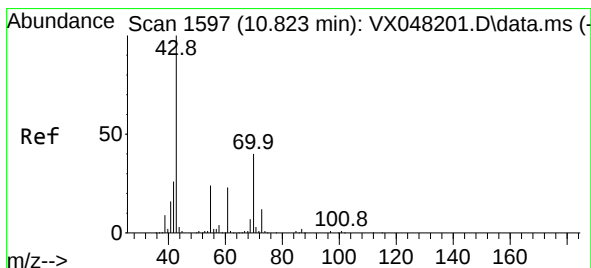
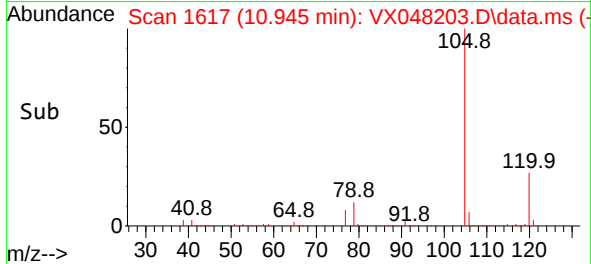
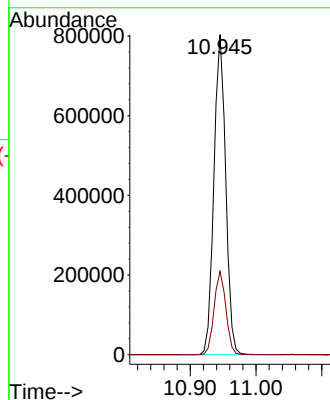
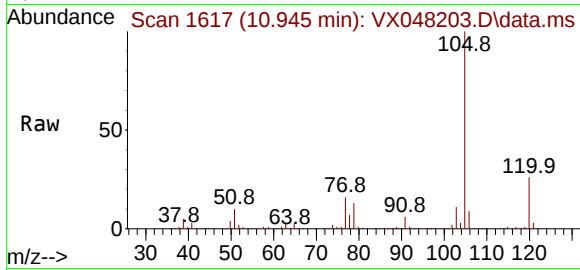




#73
Isopropylbenzene
Concen: 158.294 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

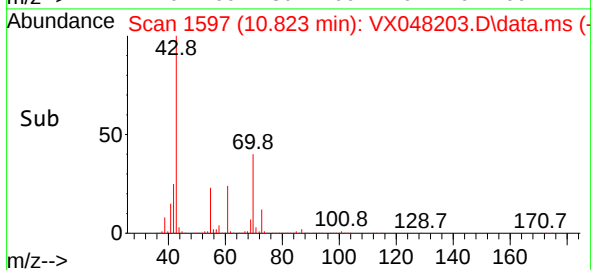
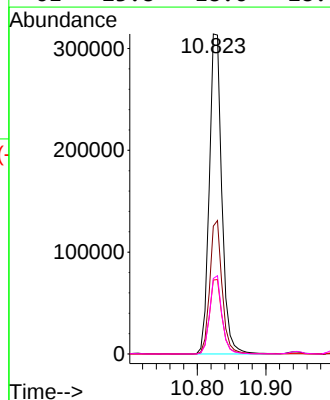
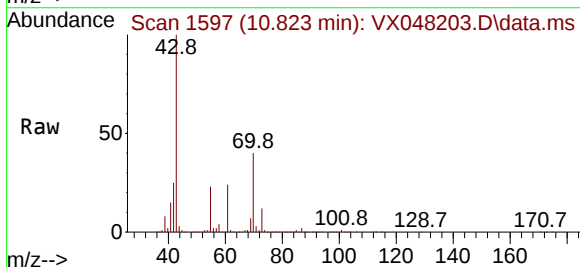
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

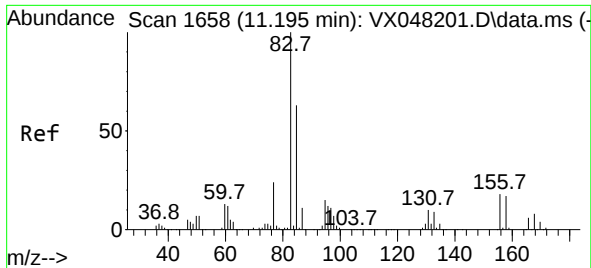
Tgt Ion:105 Resp: 1000890
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 169.869 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 400695
Ion Ratio Lower Upper
43 100
70 40.9 32.2 48.2
55 23.4 19.1 28.7
61 23.8 18.6 28.0

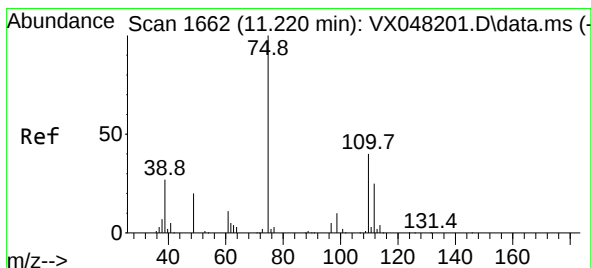
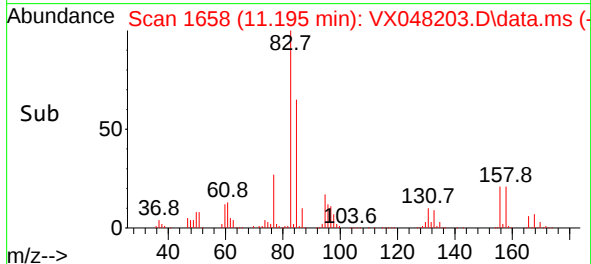
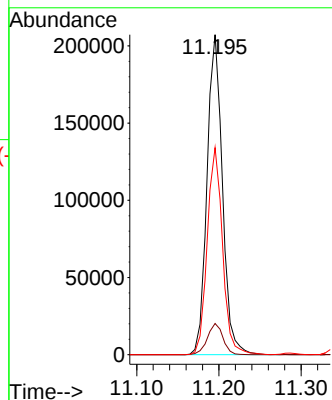
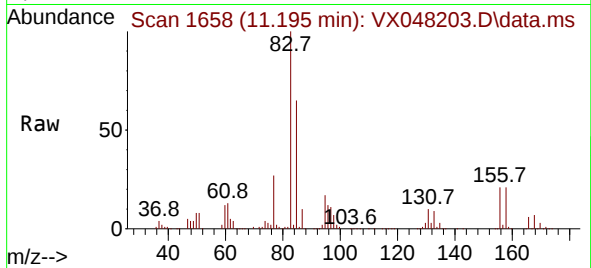




#75
1,1,2,2-Tetrachloroethane
Concen: 150.544 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

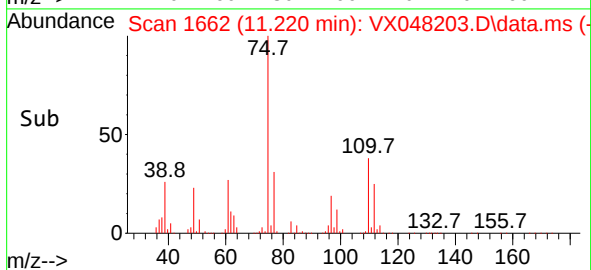
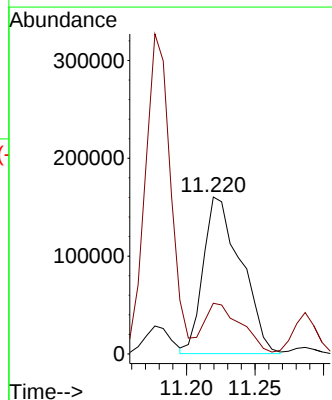
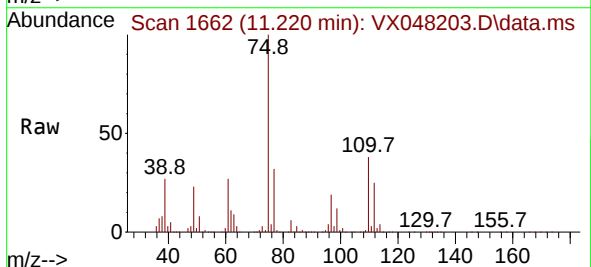
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

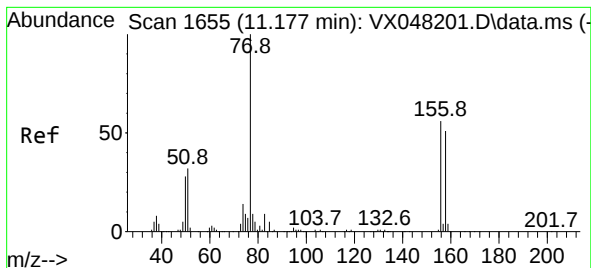
Tgt Ion: 83 Resp: 269668
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 64.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 221.728 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 307804
Ion Ratio Lower Upper
75 100
77 30.5 22.4 67.2





#77

Bromobenzene

Concen: 154.353 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

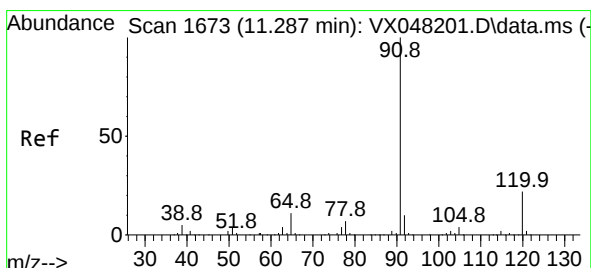
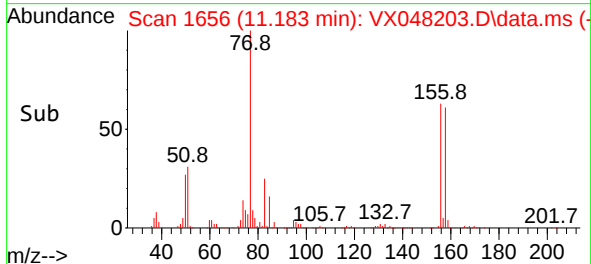
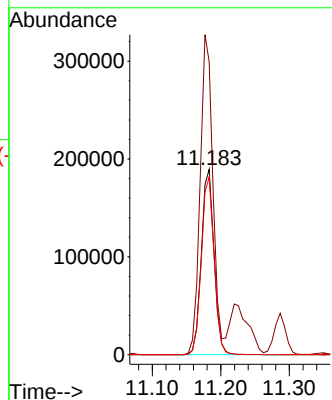
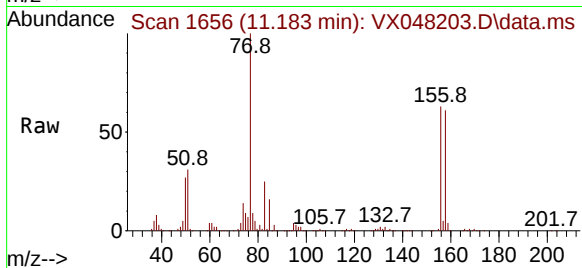
Tgt Ion:156 Resp: 244233

Ion Ratio Lower Upper

156 100

77 174.4 87.0 261.0

158 96.2 47.8 143.4



#78

n-propylbenzene

Concen: 155.616 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048203.D

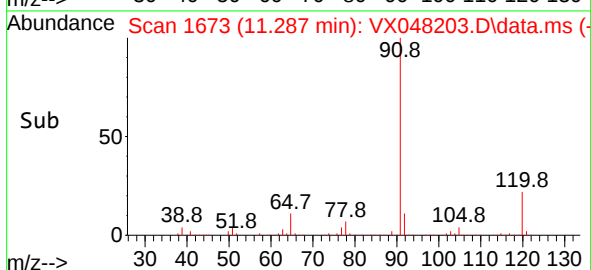
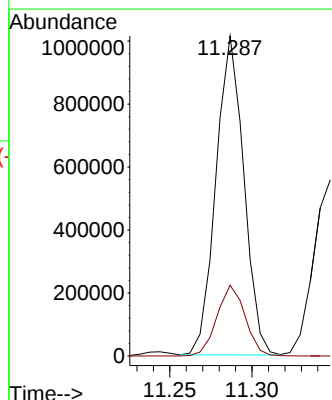
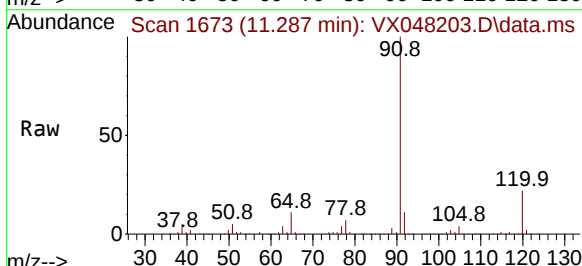
Acq: 17 Oct 2025 10:36

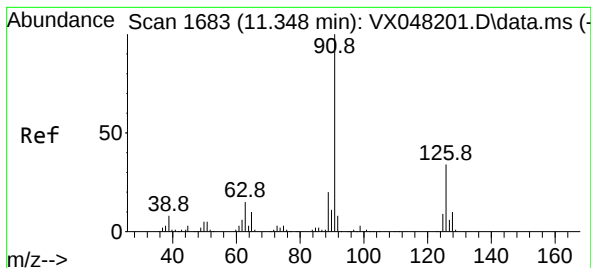
Tgt Ion: 91 Resp: 1193225

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.1

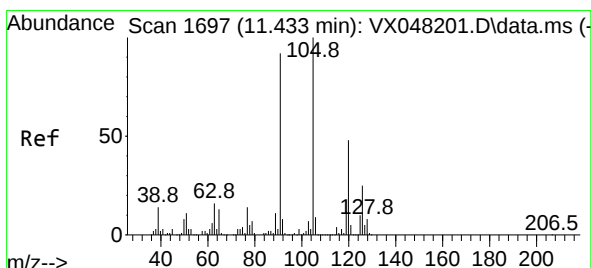
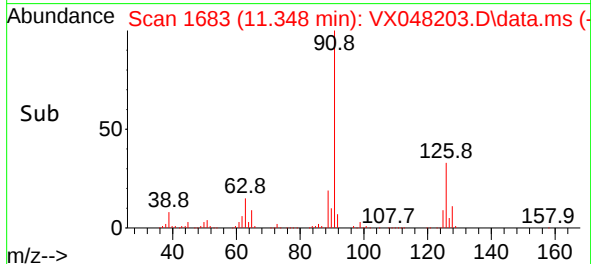
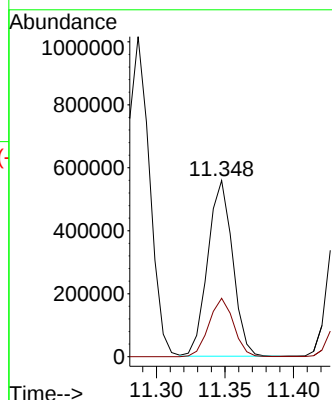
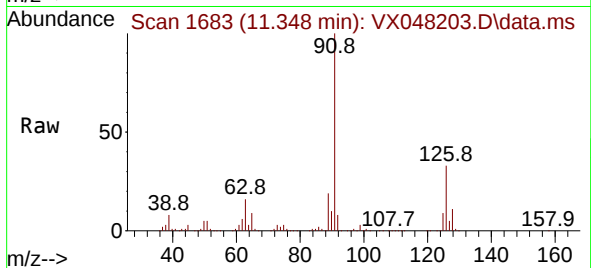




#79
2-Chlorotoluene
Concen: 151.911 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

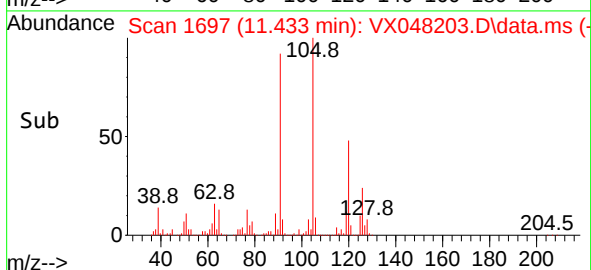
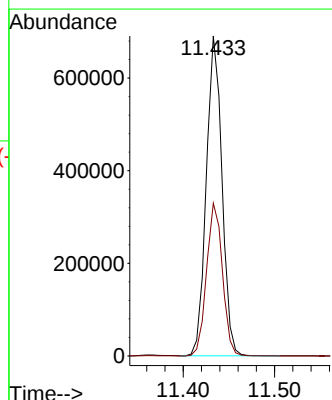
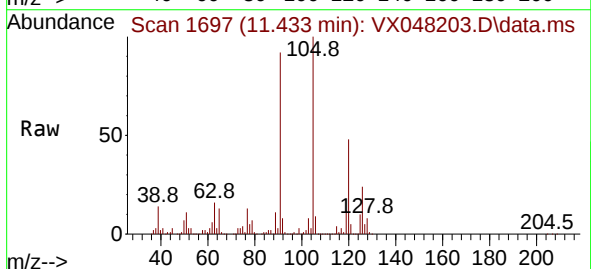
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

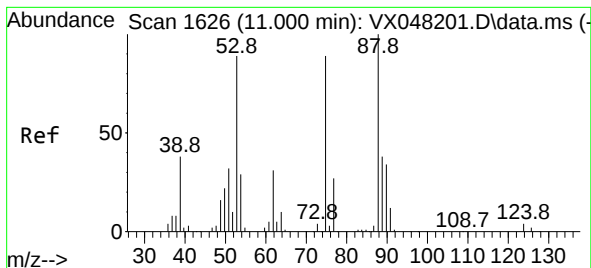
Tgt Ion: 91 Resp: 703746
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 158.350 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 105 Resp: 821868
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0

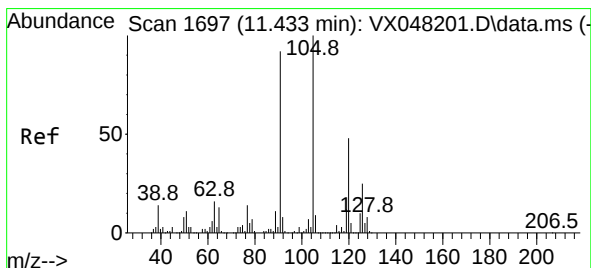
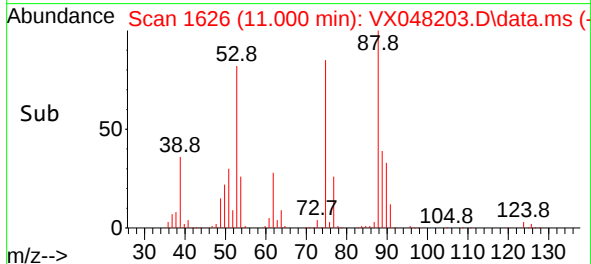
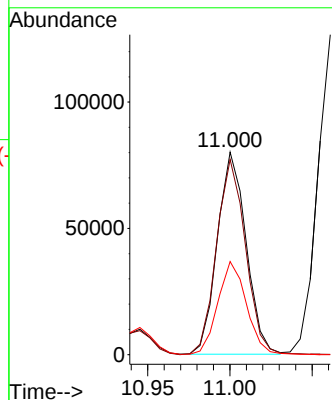
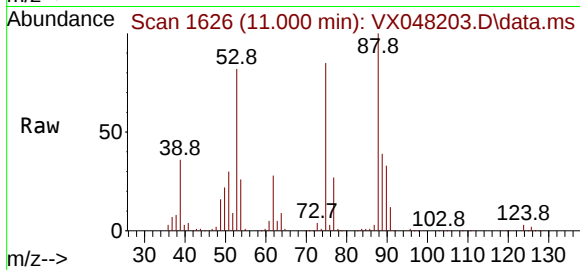




#81
trans-1,4-Dichloro-2-butene
Concen: 171.972 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

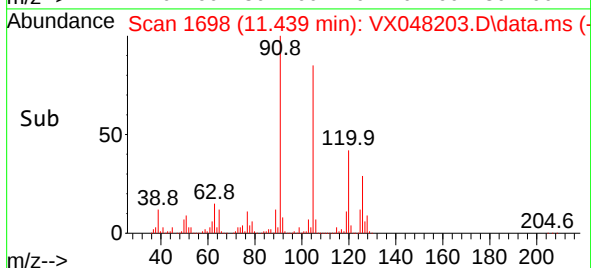
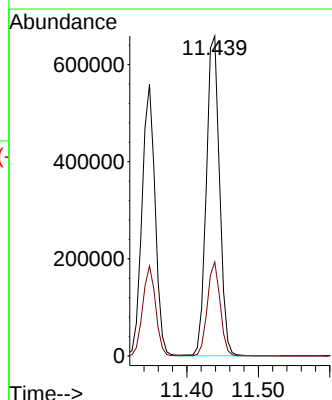
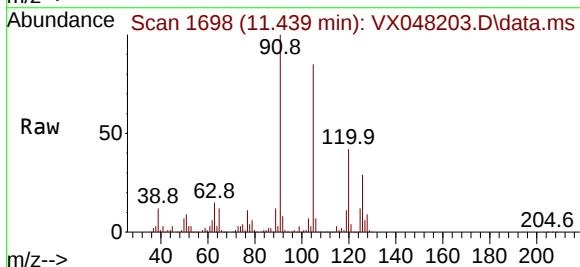
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

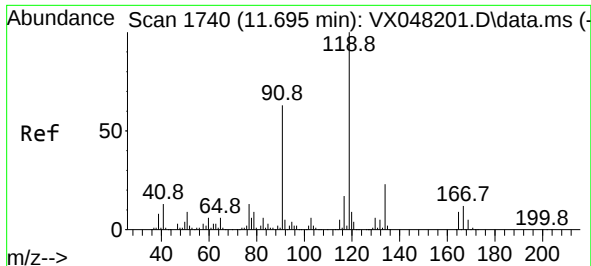
Tgt Ion: 75 Resp: 97497
Ion Ratio Lower Upper
75 100
53 97.8 79.5 119.3
89 46.1 36.8 55.2



#82
4-Chlorotoluene
Concen: 155.674 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 847504
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.4

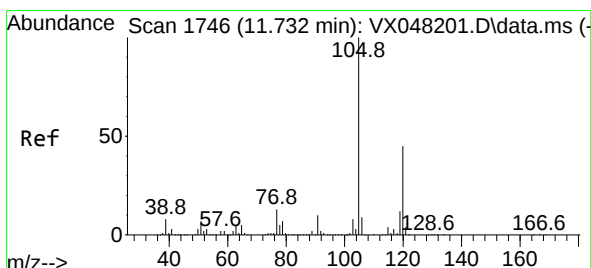
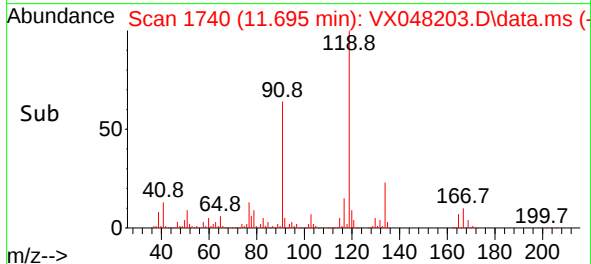
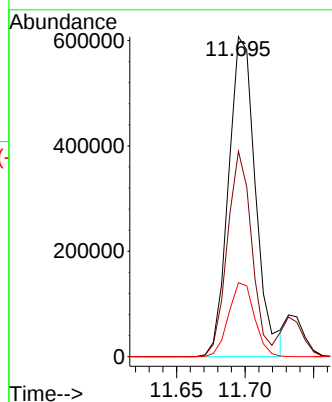
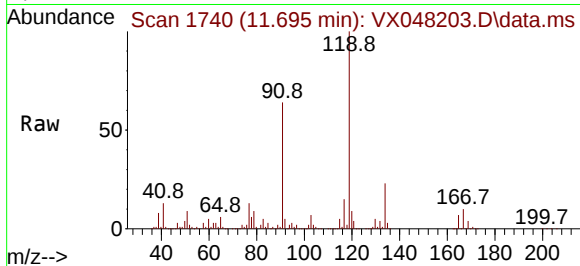




#83
tert-Butylbenzene
Concen: 158.856 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

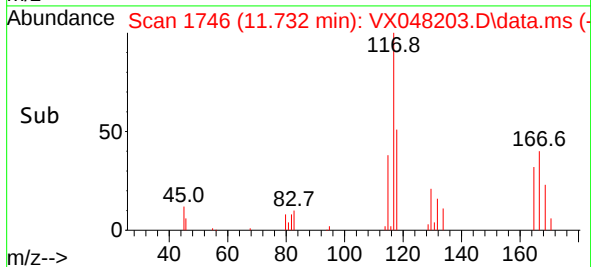
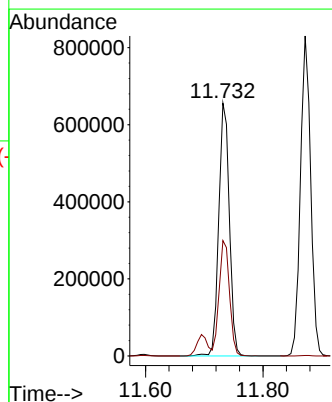
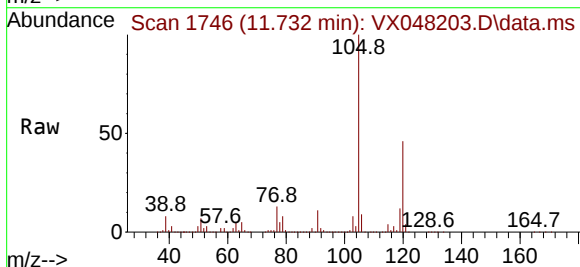
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

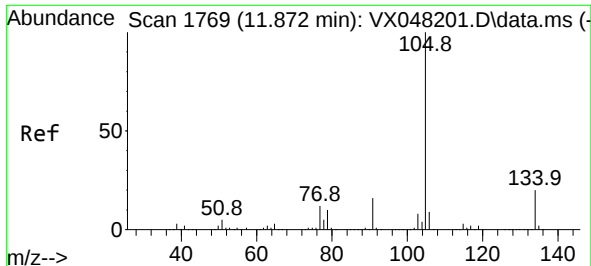
Tgt Ion:119 Resp: 832967
Ion Ratio Lower Upper
119 100
91 58.3 30.3 91.0
134 22.2 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 158.416 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:105 Resp: 818722
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.5

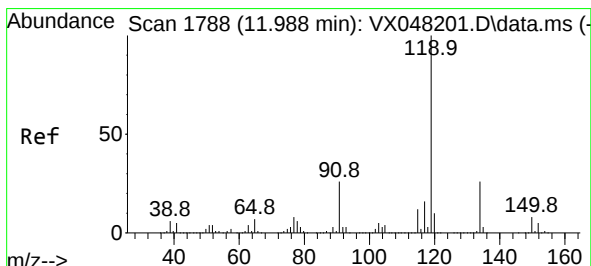
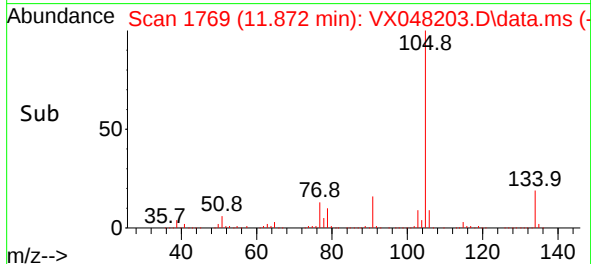
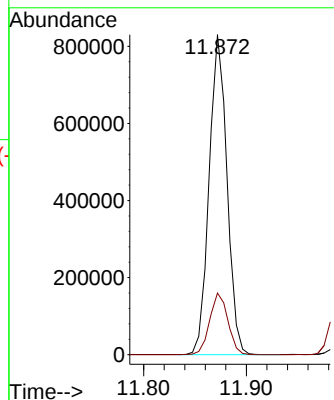
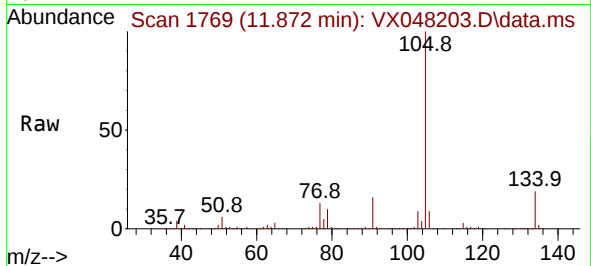




#85
 sec-Butylbenzene
 Concen: 156.515 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

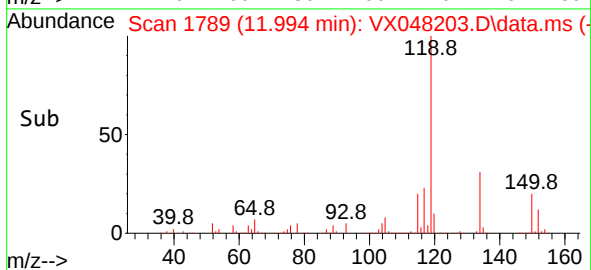
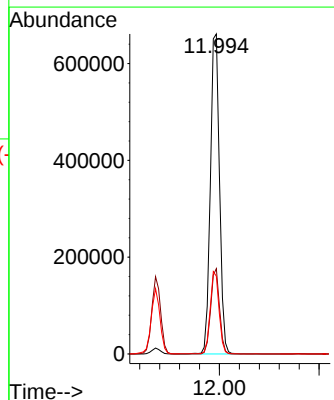
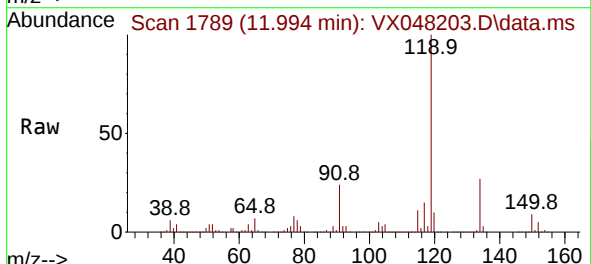
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

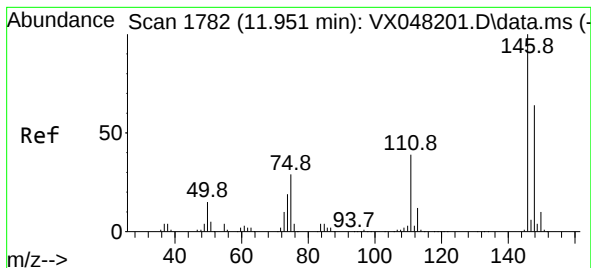
Tgt Ion:105 Resp: 1003314
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 155.346 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048203.D
 Acq: 17 Oct 2025 10:36

Tgt Ion:119 Resp: 839384
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 151.287 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

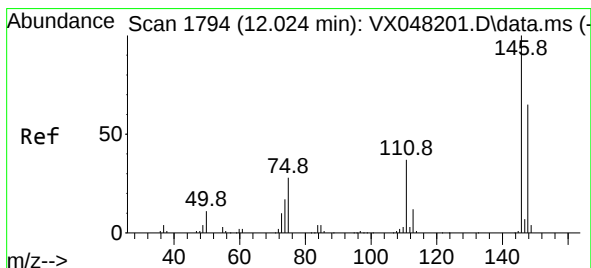
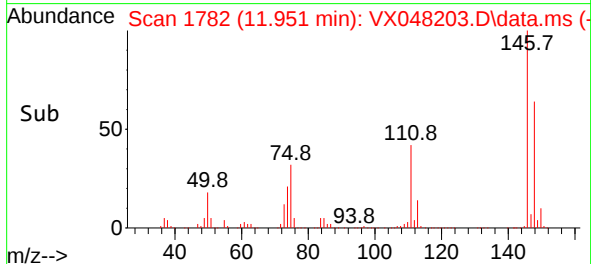
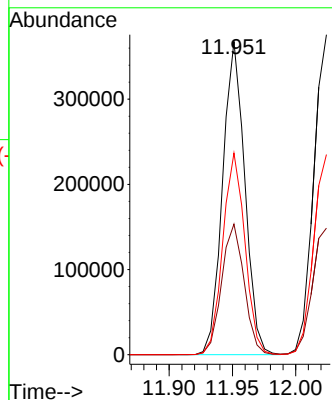
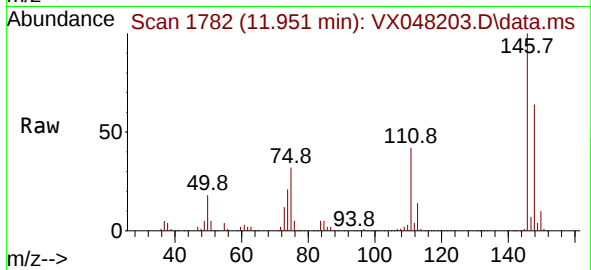
Tgt Ion:146 Resp: 447676

Ion Ratio Lower Upper

146 100

111 42.5 20.4 61.2

148 64.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 146.840 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

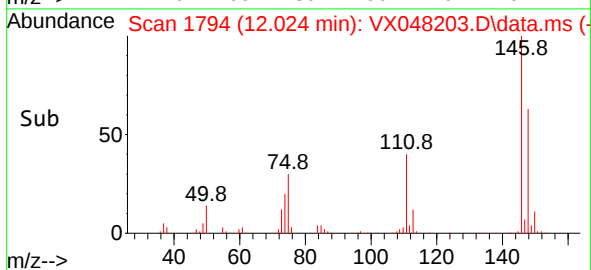
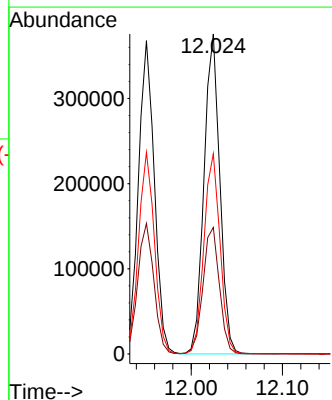
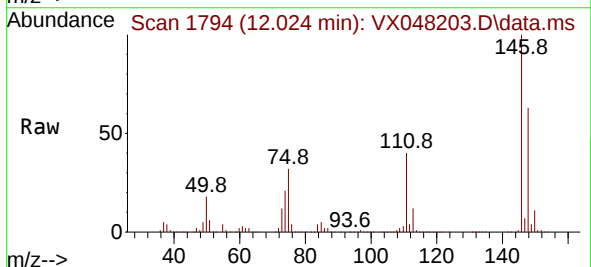
Tgt Ion:146 Resp: 450413

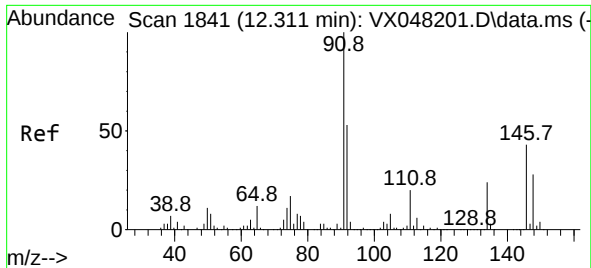
Ion Ratio Lower Upper

146 100

111 41.1 20.1 60.2

148 63.6 31.8 95.3

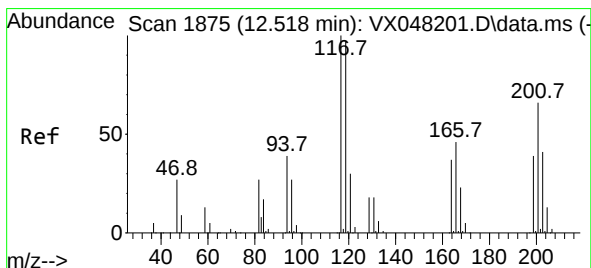
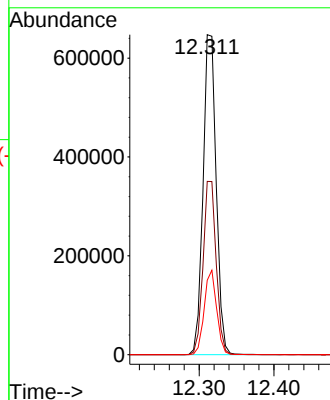
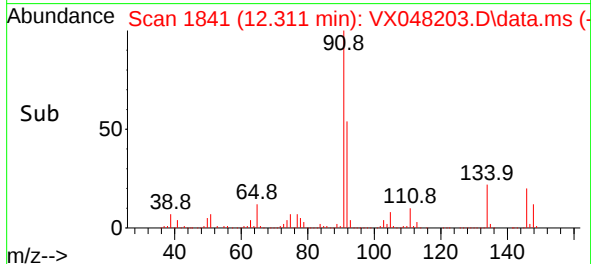
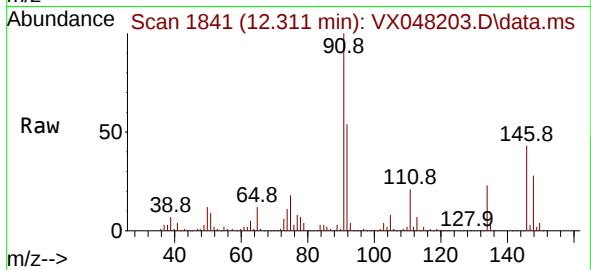




#89
n-Butylbenzene
Concen: 157.153 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

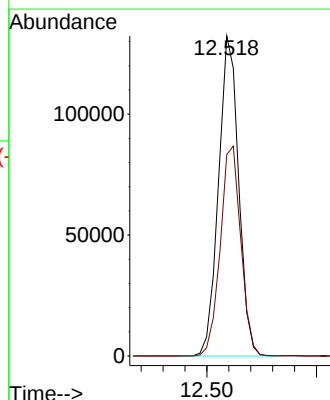
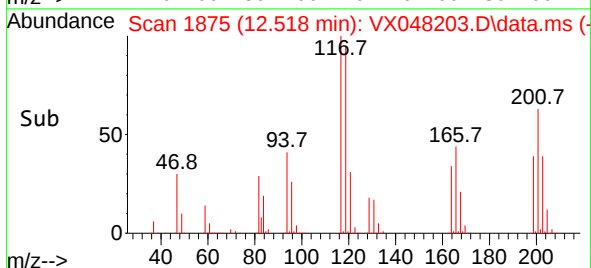
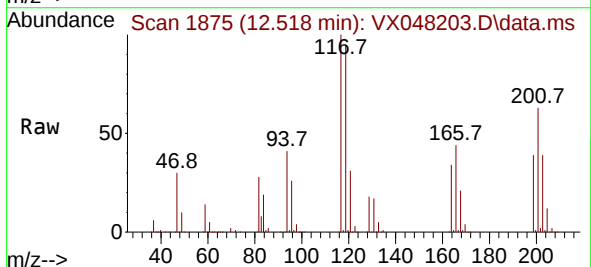
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

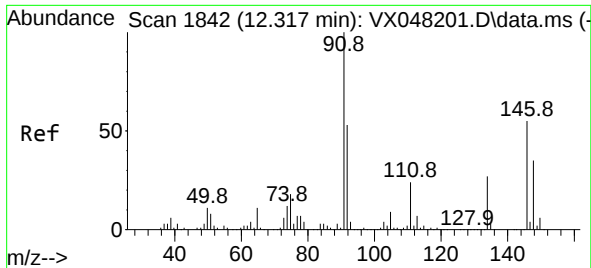
Tgt Ion: 91 Resp: 790908
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.6
134 25.0 12.7 38.1



#90
Hexachloroethane
Concen: 147.787 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 117 Resp: 168545
Ion Ratio Lower Upper
117 100
201 67.2 34.1 102.2

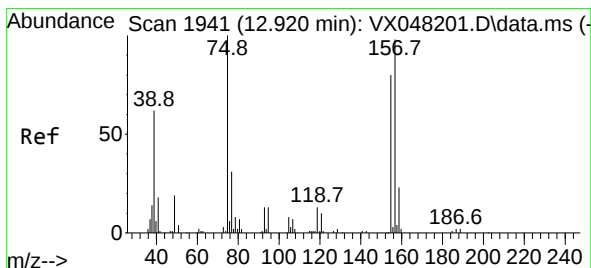
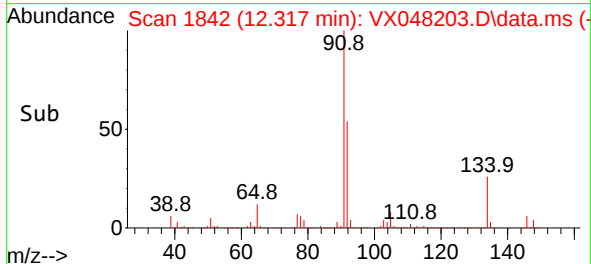
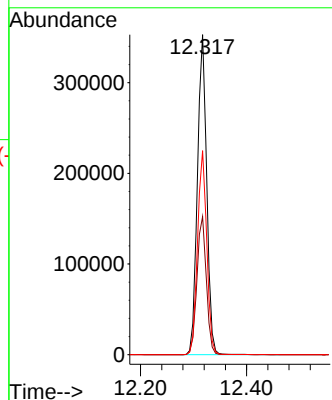
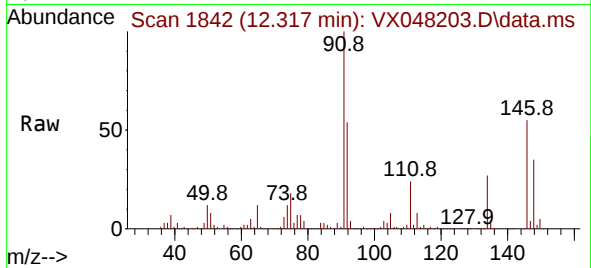




#91
1,2-Dichlorobenzene
Concen: 153.505 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

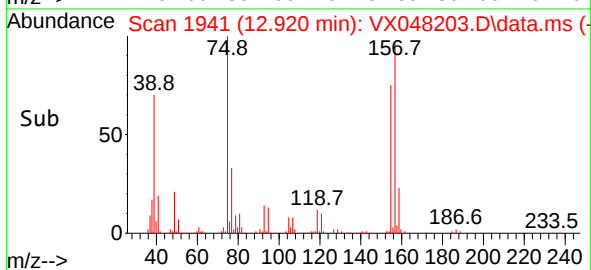
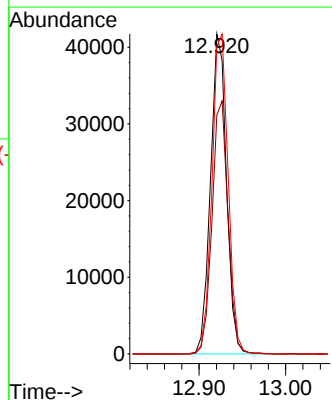
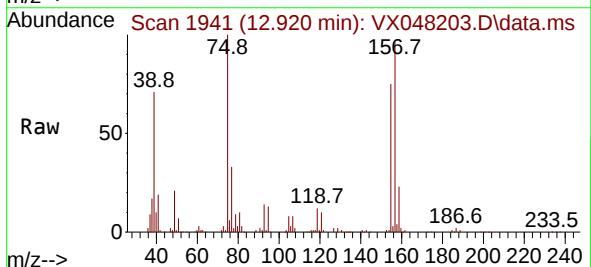
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

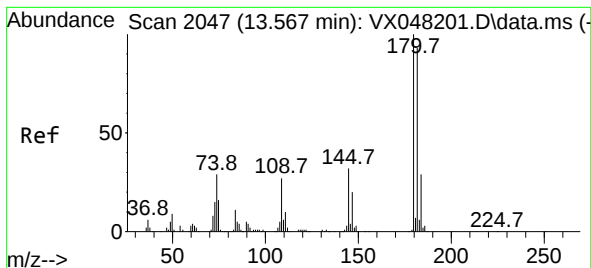
Tgt Ion:146 Resp: 429167
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.5
148 63.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 163.187 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 53414
Ion Ratio Lower Upper
75 100
155 79.5 42.8 128.4
157 101.2 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 164.961 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

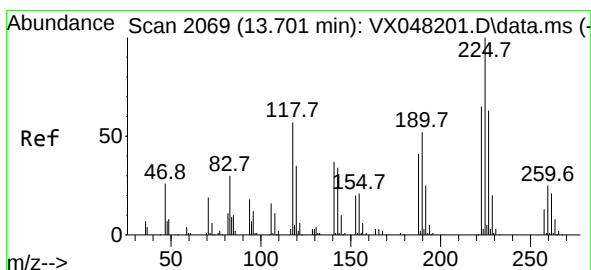
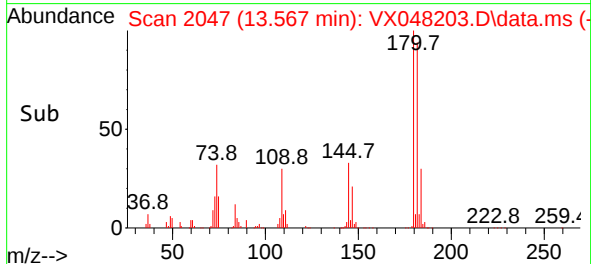
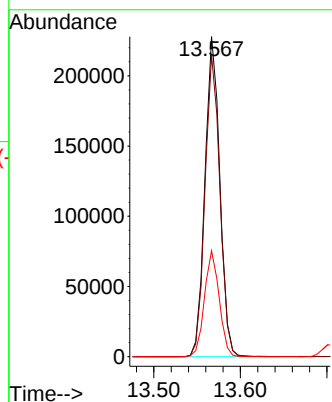
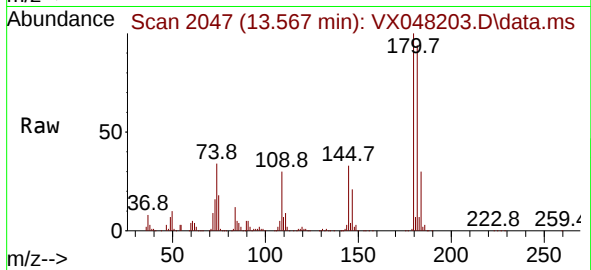
Tgt Ion:180 Resp: 272260

Ion Ratio Lower Upper

180 100

182 94.3 47.3 142.0

145 32.8 16.3 48.9



#94

Hexachlorobutadiene

Concen: 149.369 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

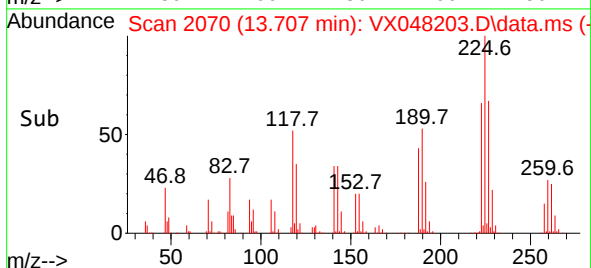
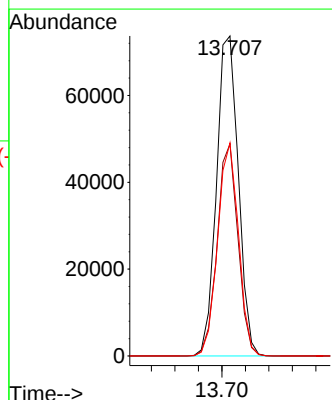
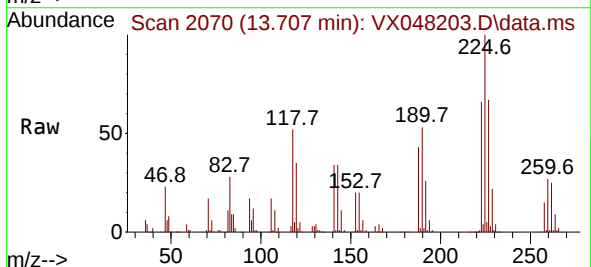
Tgt Ion:225 Resp: 95077

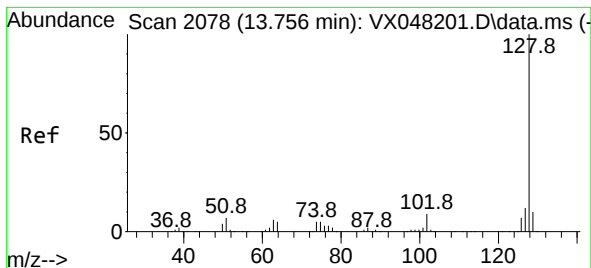
Ion Ratio Lower Upper

225 100

223 63.1 32.6 97.7

227 63.6 32.5 97.4





#95

Naphthalene

Concen: 182.408 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

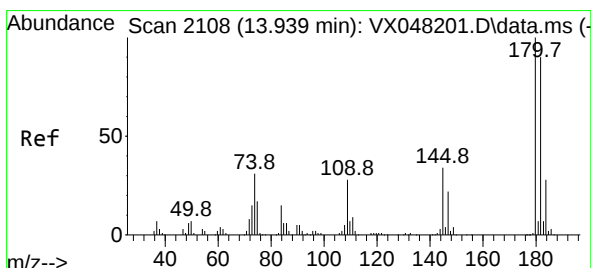
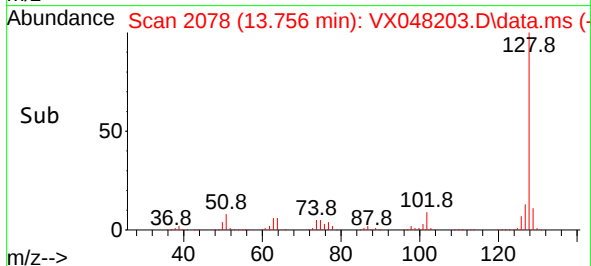
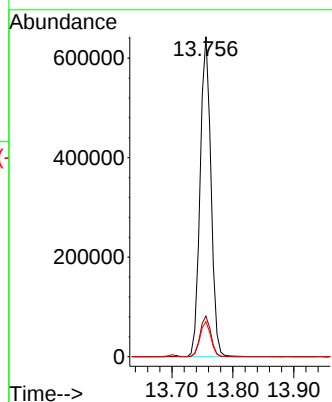
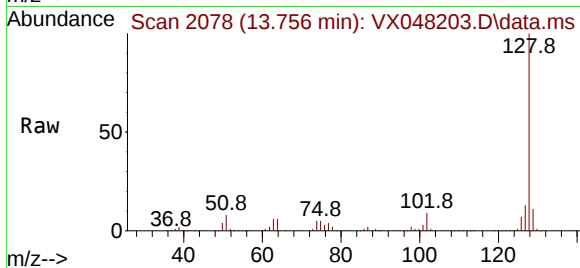
Tgt Ion:128 Resp: 793583

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 166.587 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048203.D

Acq: 17 Oct 2025 10:36

Tgt Ion:180 Resp: 253674

Ion Ratio Lower Upper

180 100

182 95.5 46.6 139.7

145 34.8 16.9 50.7

