

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047146.D
 Acq On : 25 Jul 2025 16:44
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 26 04:46:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 04:39:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	16491	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	6.769	114	296252	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	258620	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	119058	57.164	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 190.533%#	
60) 4-Bromofluorobenzene	11.079	95	122950	29.176	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.267%	
63) Toluene-d8	8.653	98	334864	29.728	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	590026	314.366	ug/l	98
3) Chloromethane	1.313	50	508320	301.357	ug/l	98
4) Vinyl Chloride	1.392	62	609468	301.744	ug/l	99
5) Bromomethane	1.624	94	241848	296.174	ug/l	100
6) Chloroethane	1.703	64	332858	291.966	ug/l	95
7) Trichlorofluoromethane	1.904	101	826284	301.117	ug/l	98
8) Diethyl Ether	2.148	74	304484	304.017	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.349	101	501555	307.564	ug/l	95
10) 1,1-Dichloroethene	2.337	96	501513	300.608	ug/l	95
11) Methyl Iodide	2.471	142	818163	317.741	ug/l	# 97
12) Methyl Acetate	2.715	43	629133	302.968	ug/l	98
13) Acrolein	2.251	56	479298	1725.911	ug/l	99
14) Acrylonitrile	3.081	53	1291736	1507.242	ug/l	100
15) Acetone	2.392	58	310288	1474.825	ug/l	95
16) Carbon Disulfide	2.532	76	1374585	284.207	ug/l	100
17) Allyl chloride	2.678	41	861665	302.317	ug/l	97
18) Methylene Chloride	2.806	84	527400	292.907	ug/l	95
19) trans-1,2-Dichloroethene	3.105	96	496598	290.656	ug/l	97
20) Diisopropyl ether	3.776	45	1757421	288.351	ug/l	95
21) 1,1-Dichloroethane	3.623	63	975088	293.950	ug/l	99
22) cis-1,2-Dichloroethene	4.501	96	606568	290.742	ug/l	98
23) tert-Butyl Alcohol	2.983	59	349328	1468.212	ug/l	100
24) Methyl tert-Butyl Ether	3.123	73	1647605	294.845	ug/l	100
25) Chloroform	5.111	83	955460	292.553	ug/l	94
26) Cyclohexane	5.483	56	889203	276.066	ug/l	# 100
29) 1,1-Dichloropropene	5.708	75	678630	147.078	ug/l	99
30) 2-Butanone	4.568	43	1638631	751.872	ug/l	98
31) 2,2-Dichloropropane	4.489	77	757822	152.965	ug/l	# 90
32) 1,1,1-Trichloroethane	5.397	97	865103	151.408	ug/l	# 79
33) Carbon Tetrachloride	5.690	117	636694	157.486	ug/l	# 99
34) Benzene	6.050	78	2042243	149.921	ug/l	99
35) Methacrylonitrile	4.934	41	356316	151.240	ug/l	95
36) 1,2-Dichloroethane	6.098	62	717016	146.570	ug/l	98
37) Trichloroethene	7.135	130	524447	152.982	ug/l	98
38) Methylcyclohexane	7.391	83	892450	150.028	ug/l	99
39) 1,2-Dichloropropane	7.433	63	518913	148.585	ug/l	100
40) Dibromomethane	7.586	93	374220	153.615	ug/l	95
41) Bromodichloromethane	7.824	83	774361	151.900	ug/l	95
42) Vinyl Acetate	3.733	43	7589838	757.550	ug/l	99

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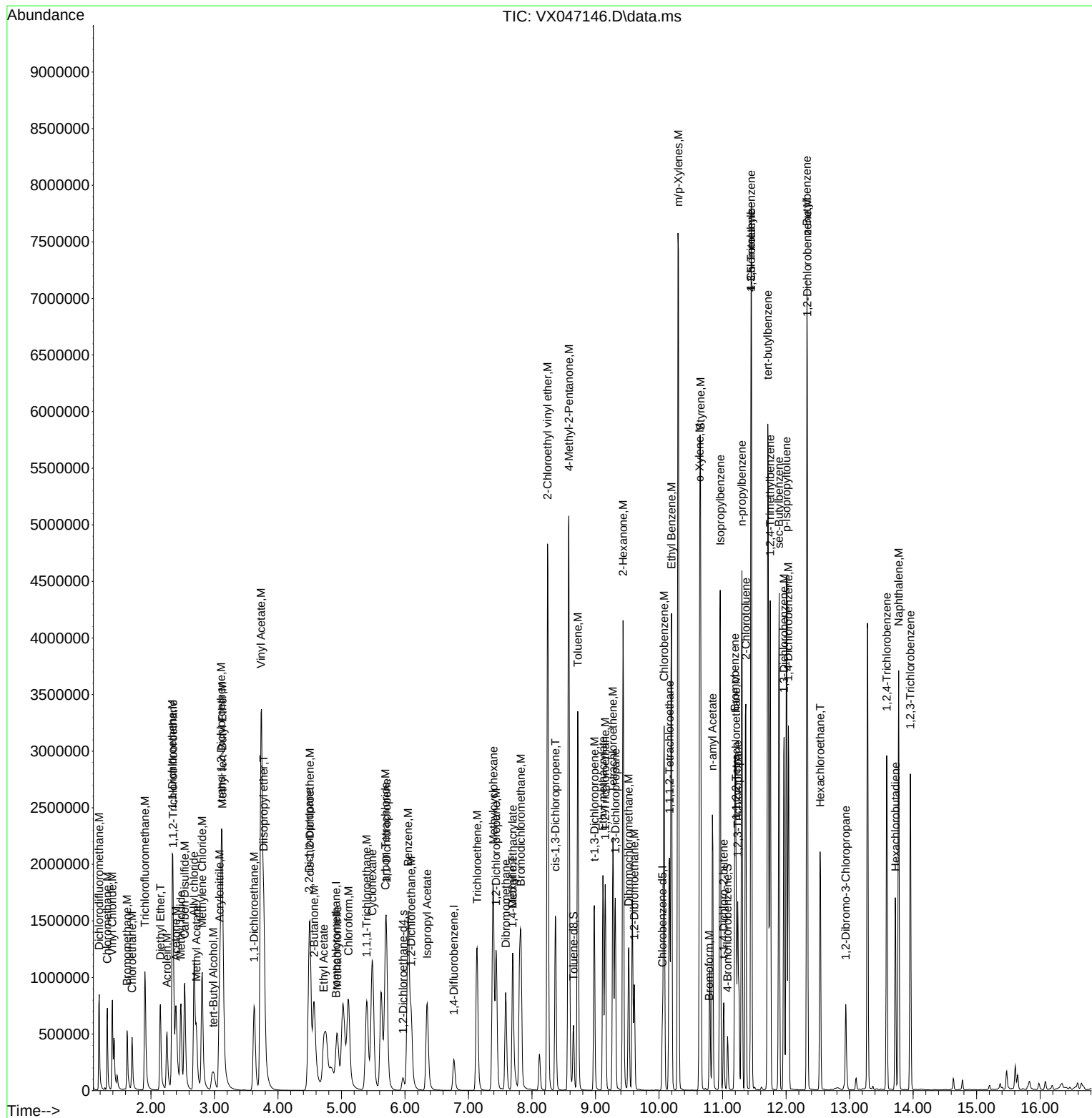
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	755092	151.947	ug/l	99
44) Isopropyl Acetate	6.348	43	1222691	156.375	ug/l	97
45) 1,4-Dioxane	7.690	88	29777	609.356	ug/l #	19
46) Methyl methacrylate	7.696	41	619950	154.514	ug/l	92
47) n-amyl Acetate	10.841	43	1029353	150.564	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	776532	157.604	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	828586	153.738	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	472903	145.971	ug/l	99
51) Ethyl methacrylate	9.116	69	816856	154.657	ug/l	98
52) 1,3-Dichloropropane	9.311	76	817236	145.405	ug/l	99
53) Dibromochloromethane	9.518	129	136357	114.601	ug/l	75
54) 1,2-Dibromoethane	9.610	107	493381	145.471	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	1995253	774.694	ug/l	100
56) Bromoform	10.787	173	1207	25.036	ug/l #	82
58) 4-Methyl-2-Pentanone	8.580	43	3344302	741.134	ug/l	99
59) 2-Hexanone	9.433	43	2350541	736.362	ug/l	98
61) Tetrachloroethene	9.275	164	414941	146.528	ug/l	99
62) Toluene	8.720	91	2116770	146.363	ug/l	98
64) Chlorobenzene	10.079	112	1377106	148.492	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	473620	161.538	ug/l	94
66) Ethyl Benzene	10.195	91	2423108	146.430	ug/l	99
67) m/p-Xylenes	10.305	106	1769357	288.527	ug/l	98
68) o-Xylene	10.640	106	864511	146.177	ug/l	99
69) Styrene	10.652	104	1474021	145.319	ug/l	100
70) Isopropylbenzene	10.963	105	2269619	144.076	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	650206	139.129	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	669058	185.875	ug/l	92
73) Bromobenzene	11.195	156	531458	140.960	ug/l	97
74) n-propylbenzene	11.305	91	2696724	142.587	ug/l	100
75) 2-Chlorotoluene	11.366	91	1577701	140.964	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1829690	141.169	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	127382	239.147	ug/l	89
78) 4-Chlorotoluene	11.451	91	1820475	141.063	ug/l	100
79) tert-butylbenzene	11.713	119	1851940	142.777	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	1820010	141.574	ug/l	99
81) sec-Butylbenzene	11.890	105	2290815	141.515	ug/l	100
82) p-Isopropyltoluene	12.006	119	1897954	141.100	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	977926	138.825	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	961809	137.765	ug/l	99
85) n-Butylbenzene	12.329	91	1804172	139.763	ug/l	99
86) Hexachloroethane	12.536	117	350704	187.497	ug/l #	1
87) 1,2-Dichlorobenzene	12.335	146	928090	140.479	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	151099	149.346	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	646479	141.526	ug/l	97
90) Hexachlorobutadiene	13.725	225	199136	196.179	ug/l	48
91) Naphthalene	13.774	128	2148241	139.322	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	624555	142.491	ug/l	99

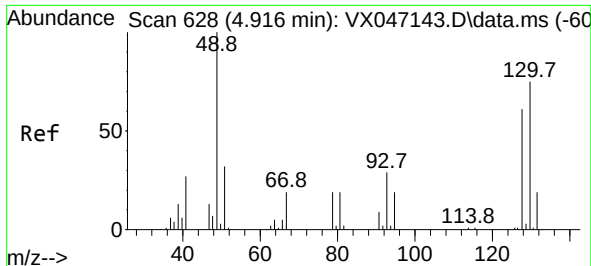
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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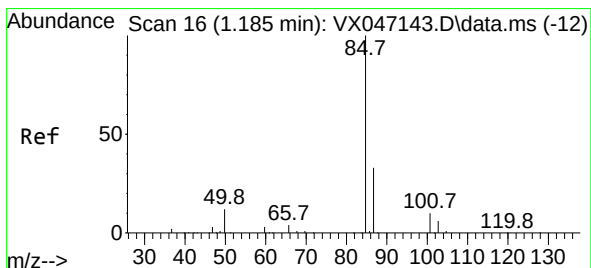
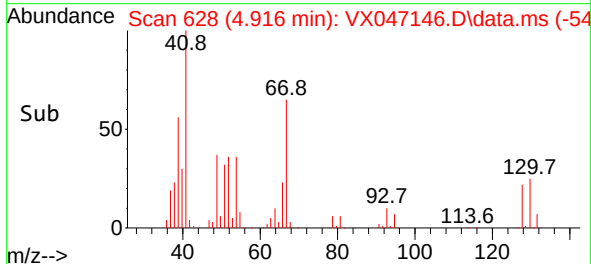
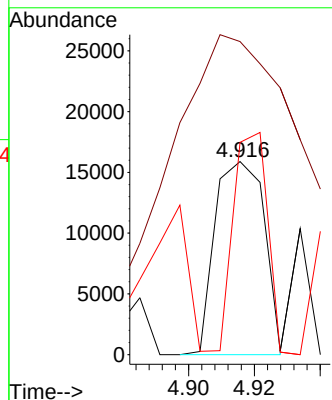
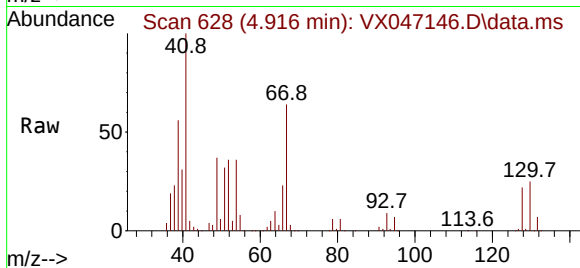




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047146.D
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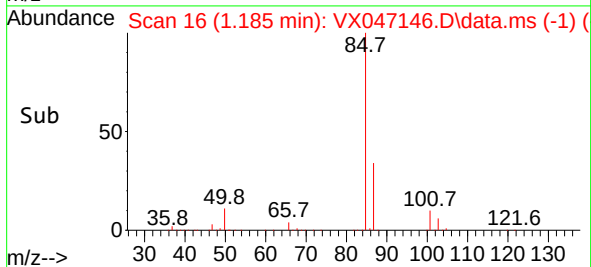
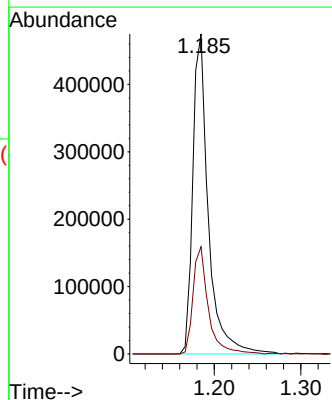
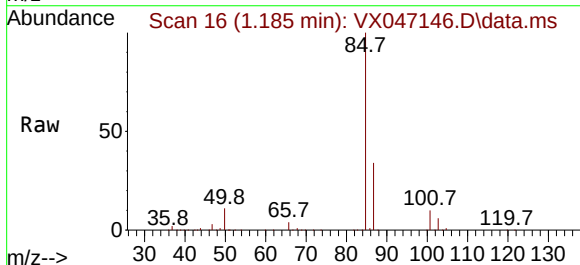
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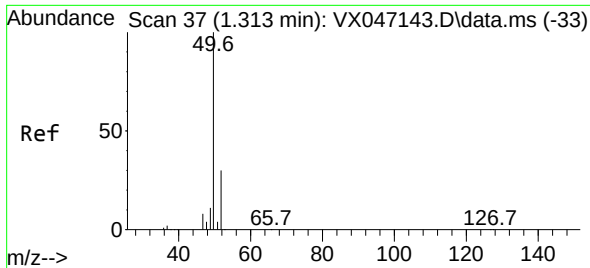
Tgt Ion:128 Resp: 16491
Ion Ratio Lower Upper
128 100
49 534.1 0.0 0.0#
130 80.5 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 314.366 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 85 Resp: 590026
Ion Ratio Lower Upper
85 100
87 33.9 16.4 49.1

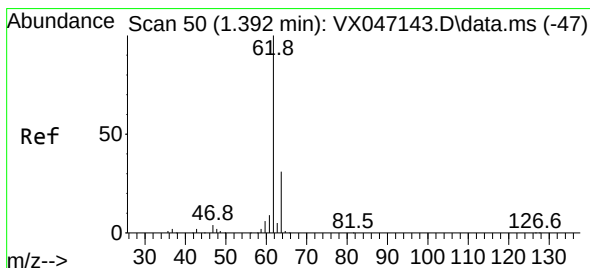
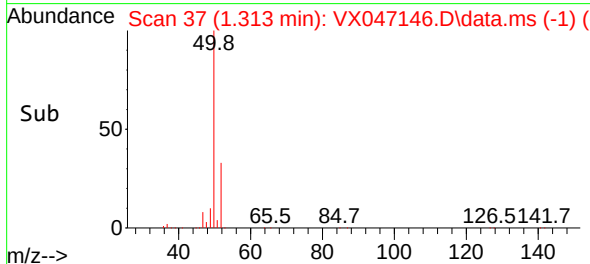
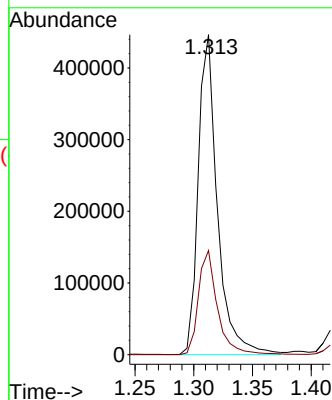
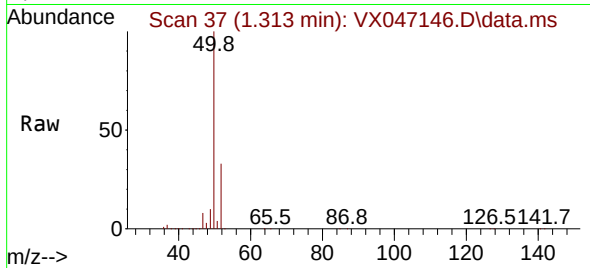




#3
Chloromethane
Concen: 301.357 ug/l
RT: 1.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

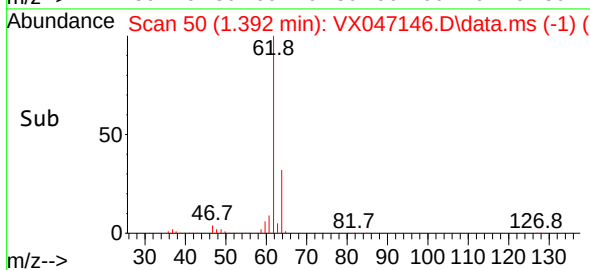
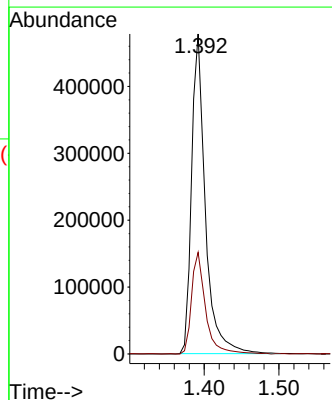
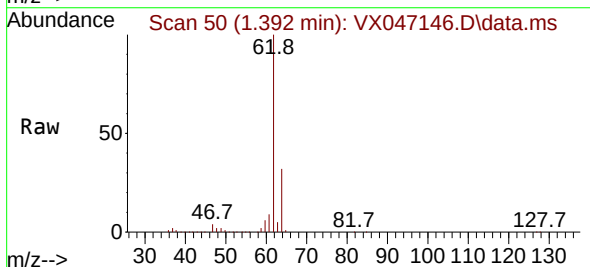
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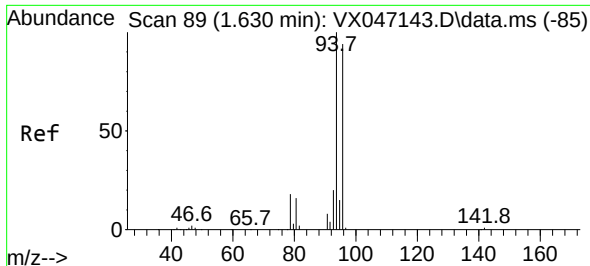
Tgt Ion: 50 Resp: 508320
Ion Ratio Lower Upper
50 100
52 31.8 24.4 36.6



#4
Vinyl Chloride
Concen: 301.744 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 62 Resp: 609468
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5

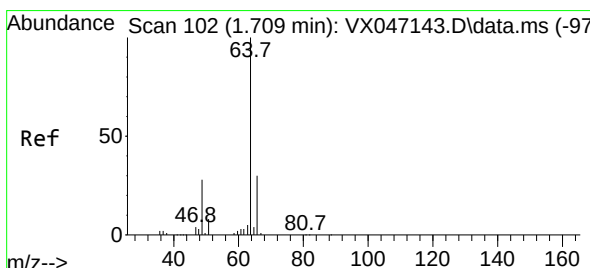
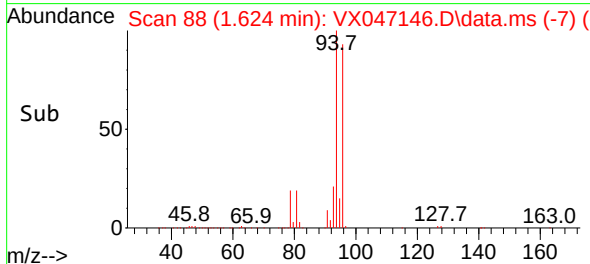
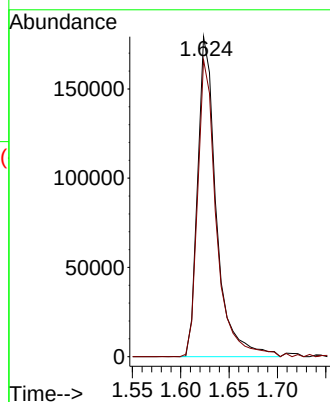
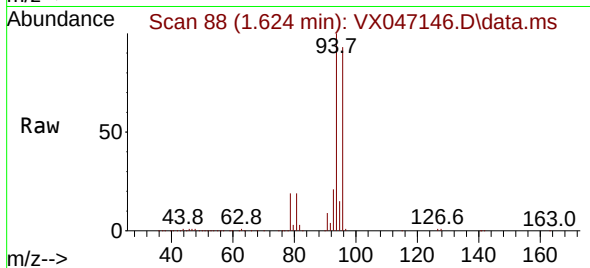




#5
Bromomethane
Concen: 296.174 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047146.D
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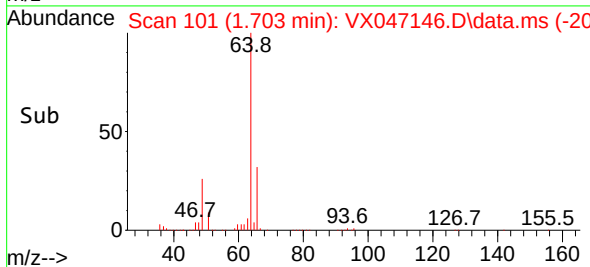
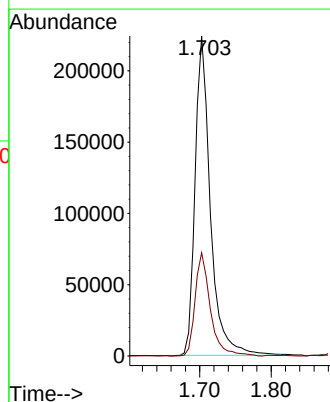
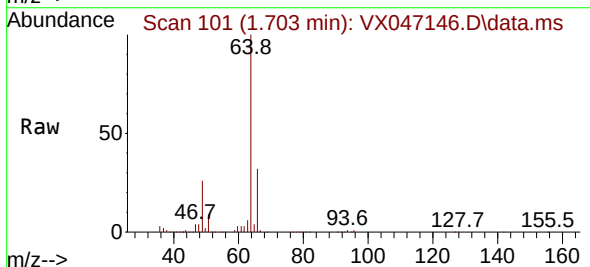
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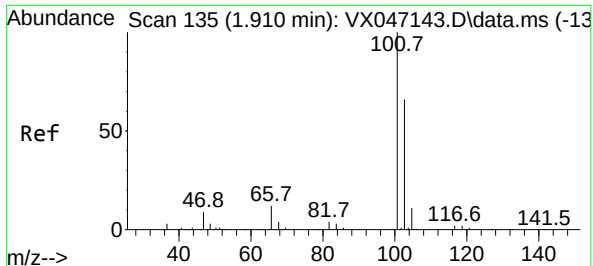
Tgt Ion: 94 Resp: 241848
Ion Ratio Lower Upper
94 100
96 82.1 66.0 99.0



#6
Chloroethane
Concen: 291.966 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 64 Resp: 332858
Ion Ratio Lower Upper
64 100
66 33.0 24.3 36.5

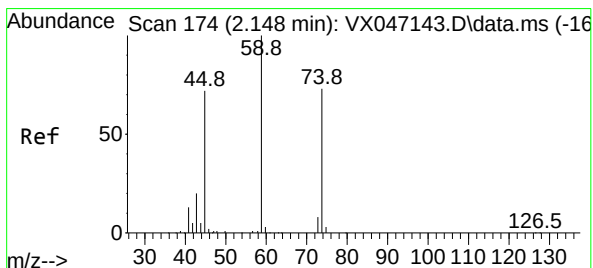
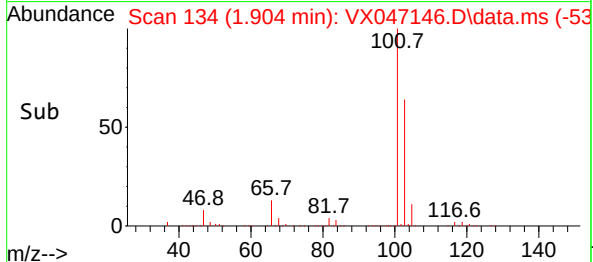
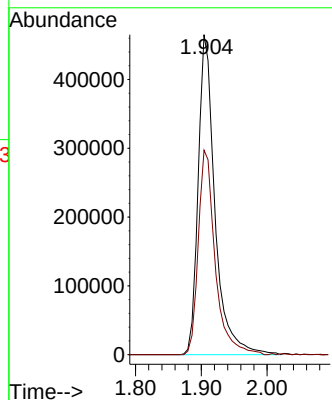
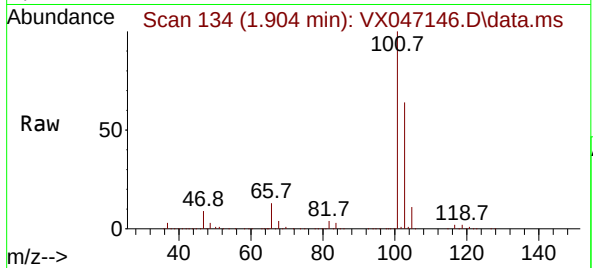




#7
 Trichlorofluoromethane
 Concen: 301.117 ug/l
 RT: 1.904 min Scan# 134
 Delta R.T. -0.006 min
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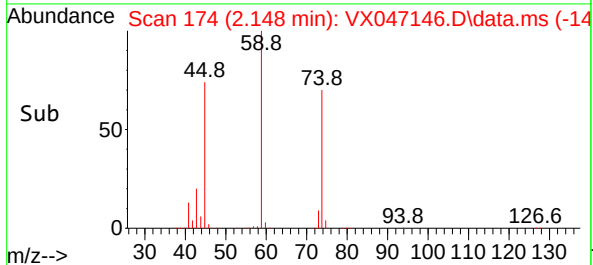
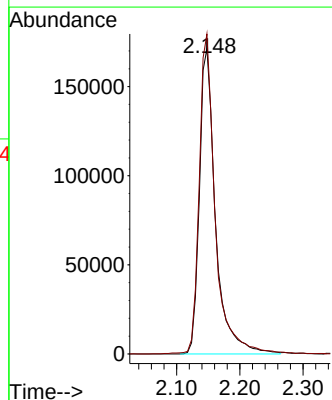
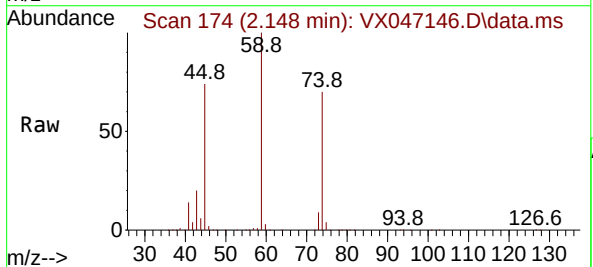
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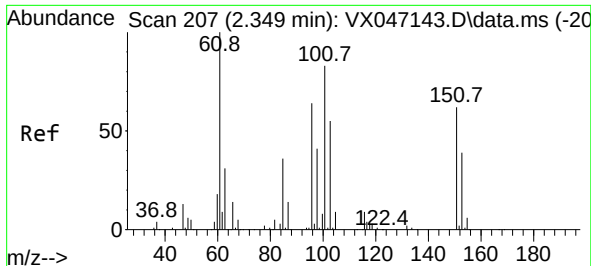
Tgt Ion:101 Resp: 826284
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.4 78.6



#8
 Diethyl Ether
 Concen: 304.017 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44

Tgt Ion: 74 Resp: 304484
 Ion Ratio Lower Upper
 74 100
 45 101.8 22.0 197.6

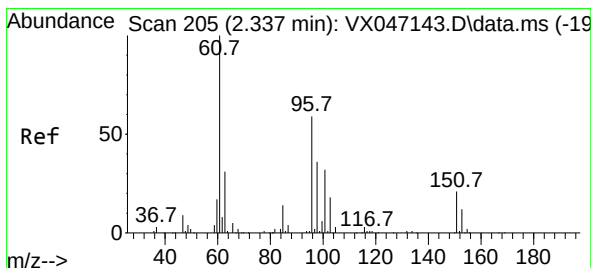
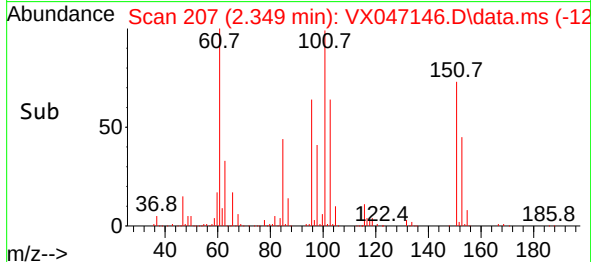
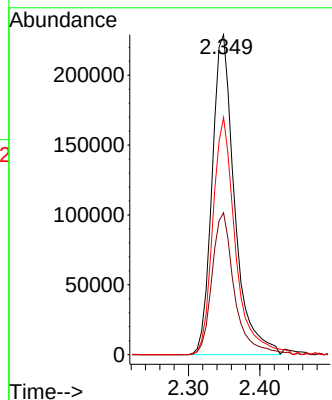
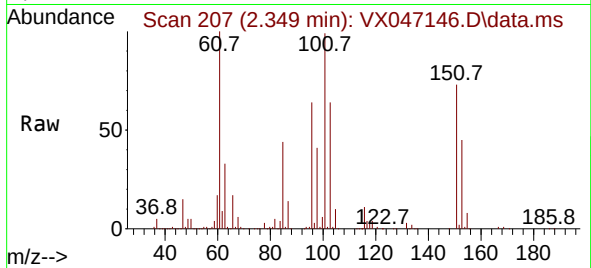




#9
1,1,2-Trichlorotrifluoroethane
Concen: 307.564 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
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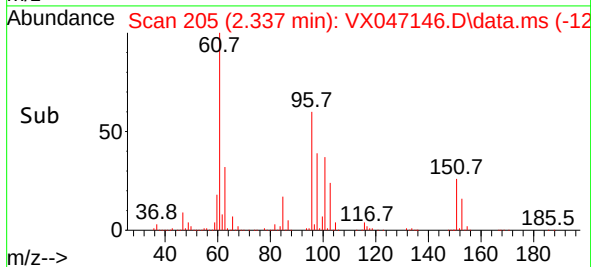
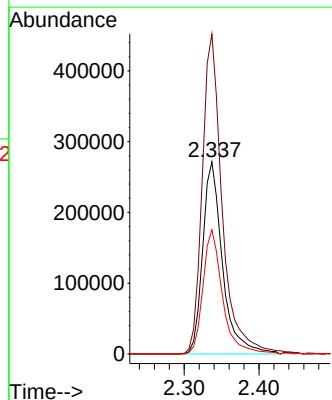
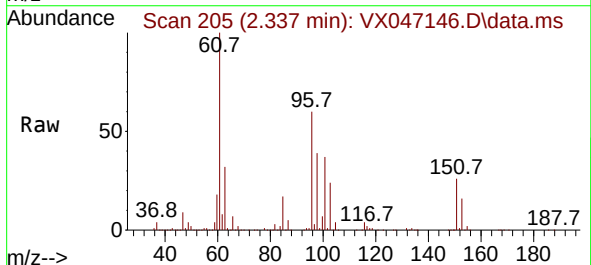
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ClientSampleId :
VSTDIC150

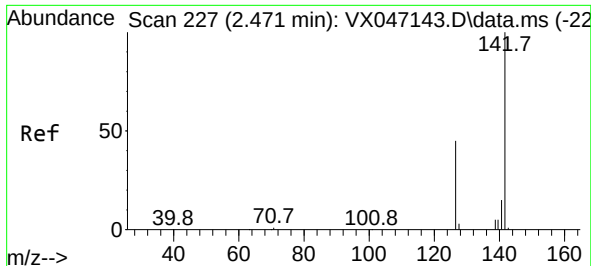
Tgt Ion:101 Resp: 501555
Ion Ratio Lower Upper
101 100
85 44.0 0.0 91.8
151 74.3 0.0 137.2



#10
1,1-Dichloroethene
Concen: 300.608 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 96 Resp: 501513
Ion Ratio Lower Upper
96 100
61 172.5 145.5 218.3
98 63.5 49.5 74.3

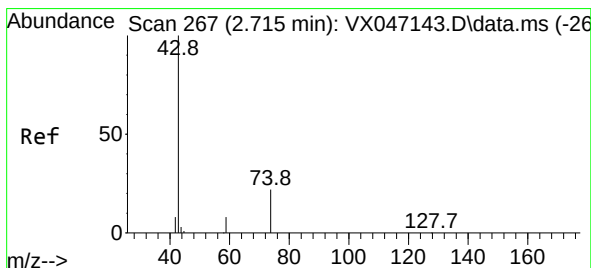
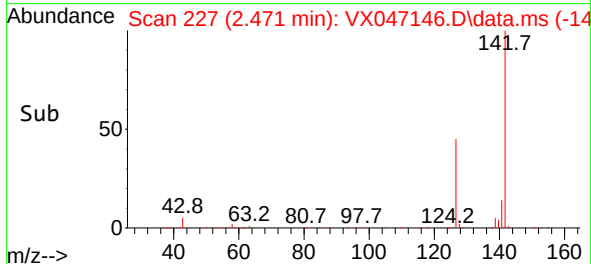
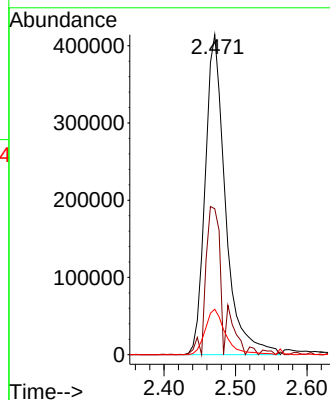
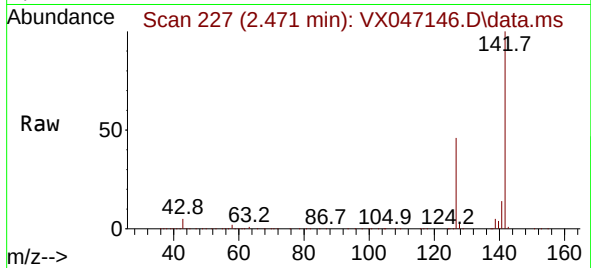




#11
Methyl Iodide
Concen: 317.741 ug/l
RT: 2.471 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

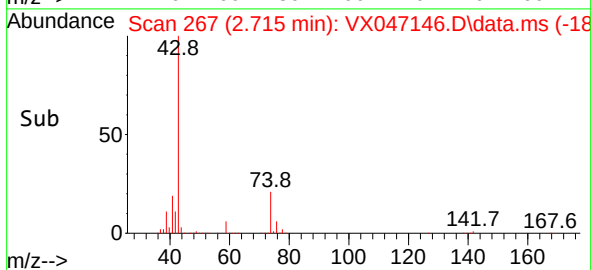
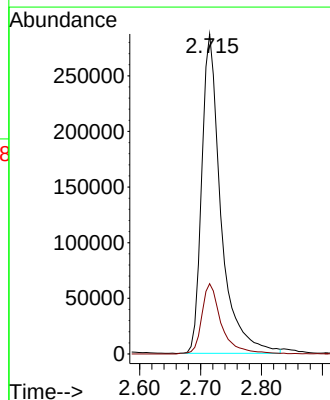
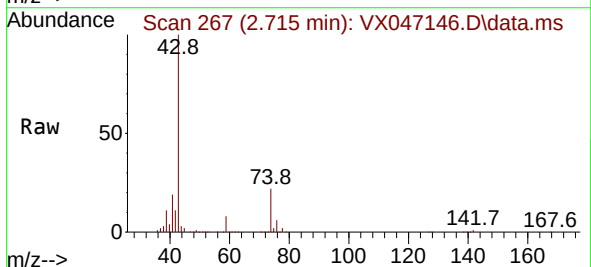
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

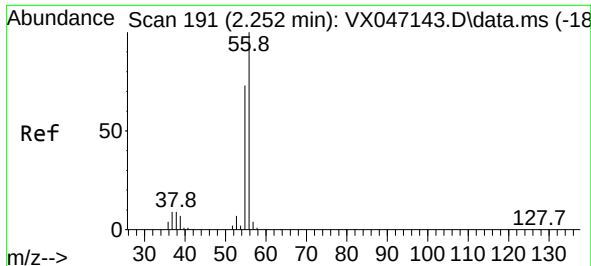
Tgt Ion:142 Resp: 818163
Ion Ratio Lower Upper
142 100
127 47.1 0.9 2.8#
141 112.2 55.5 166.5



#12
Methyl Acetate
Concen: 302.968 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 43 Resp: 629133
Ion Ratio Lower Upper
43 100
74 22.0 18.4 27.6

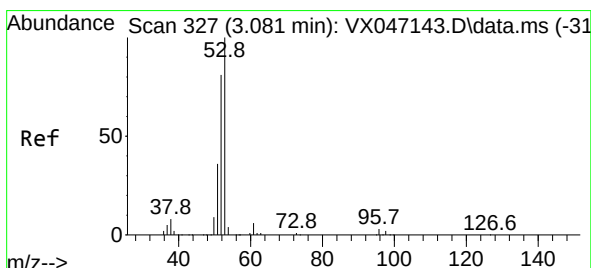
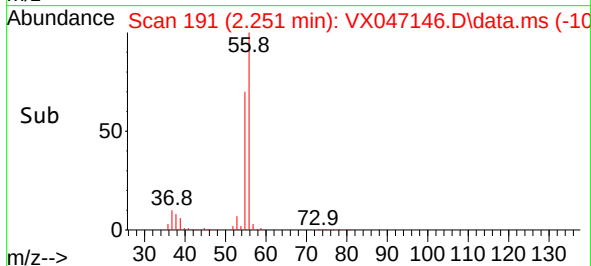
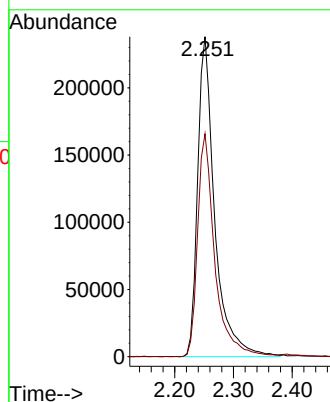
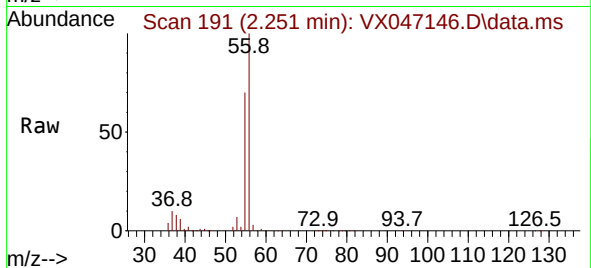




#13
Acrolein
Concen: 1725.911 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

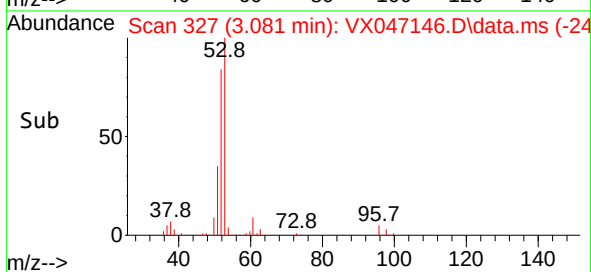
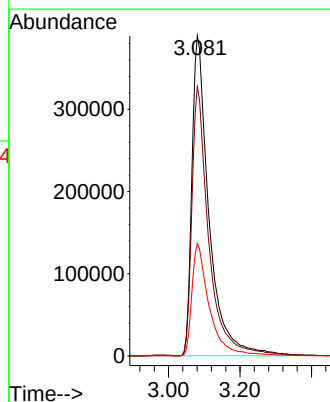
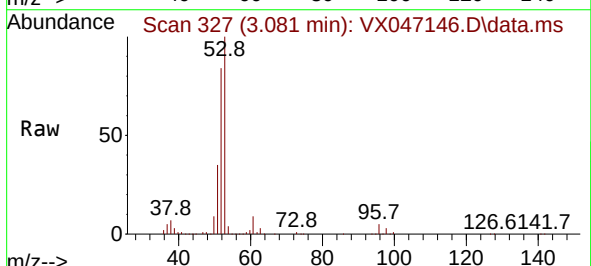
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

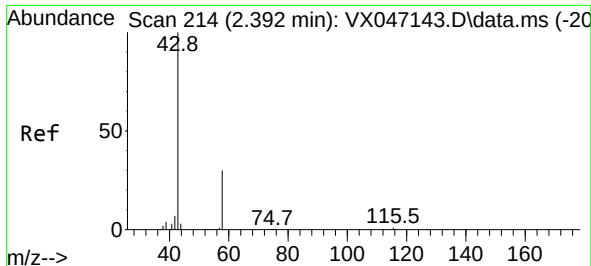
Tgt Ion: 56 Resp: 479298
Ion Ratio Lower Upper
56 100
55 70.1 56.8 85.2



#14
Acrylonitrile
Concen: 1507.242 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 53 Resp: 1291736
Ion Ratio Lower Upper
53 100
52 82.8 41.3 123.7
51 34.4 17.2 51.5

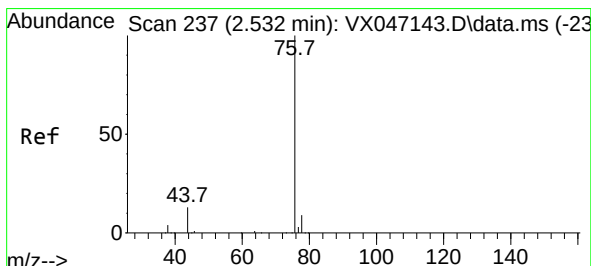
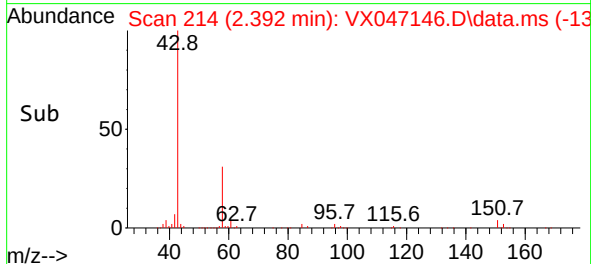
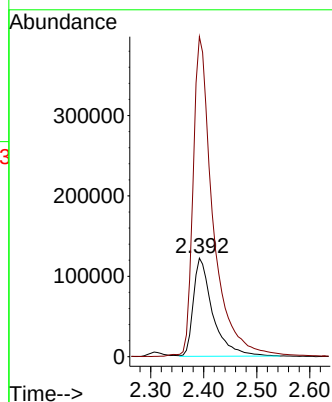
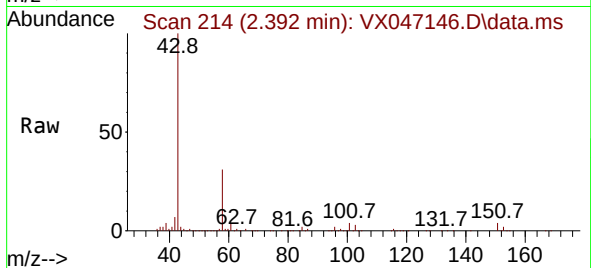




#15
Acetone
Concen: 1474.825 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

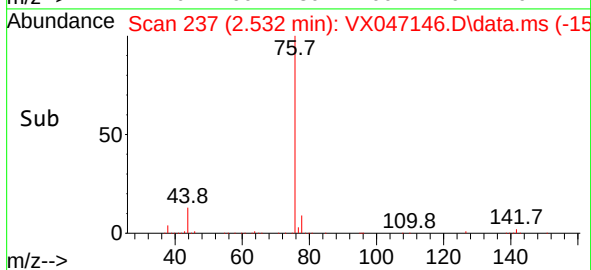
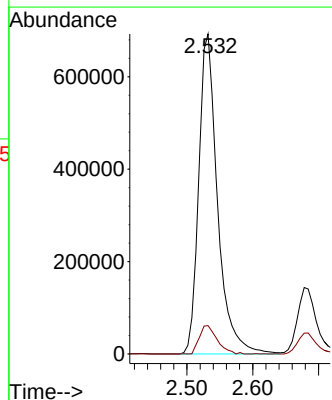
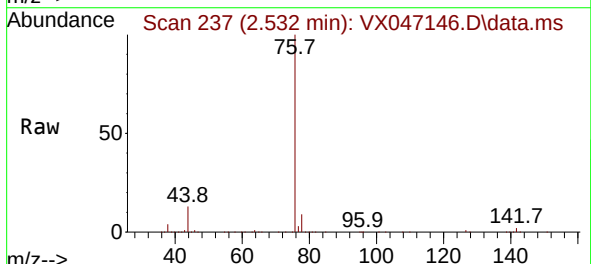
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

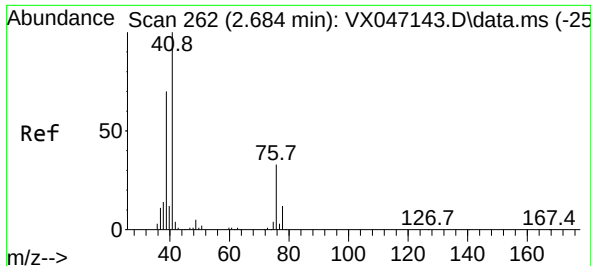
Tgt Ion: 58 Resp: 310288
Ion Ratio Lower Upper
58 100
43 324.0 266.9 400.3



#16
Carbon Disulfide
Concen: 284.207 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 76 Resp: 1374585
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

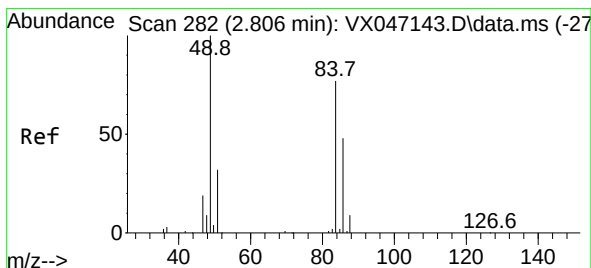
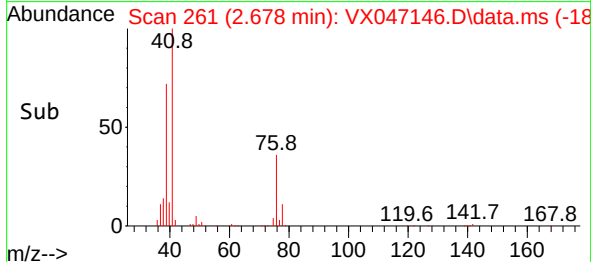
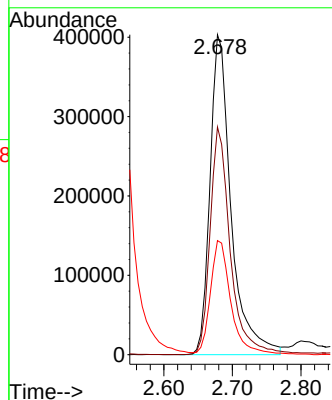
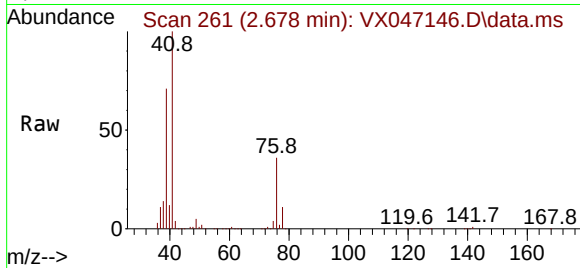




#17
 Allyl chloride
 Concen: 302.317 ug/l
 RT: 2.678 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44

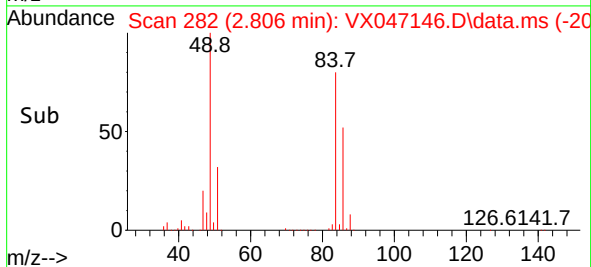
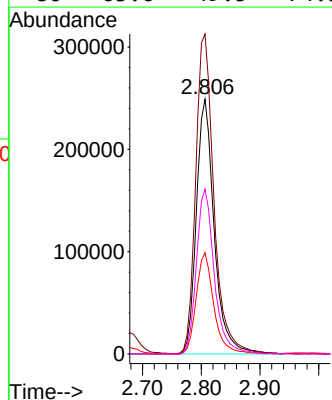
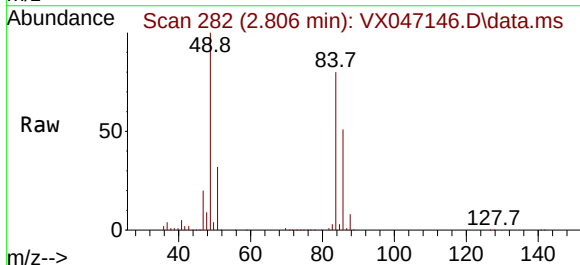
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

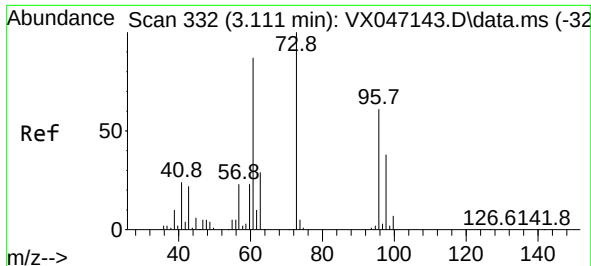
Tgt Ion: 41 Resp: 861665
 Ion Ratio Lower Upper
 41 100
 39 71.1 34.3 102.8
 76 35.1 16.7 50.0



#18
 Methylene Chloride
 Concen: 292.907 ug/l
 RT: 2.806 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44

Tgt Ion: 84 Resp: 527400
 Ion Ratio Lower Upper
 84 100
 49 126.7 107.9 161.9
 51 38.9 33.4 50.2
 86 63.6 49.5 74.3

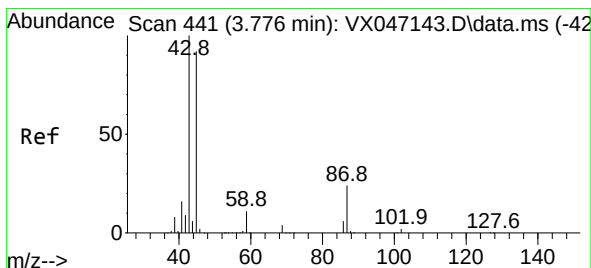
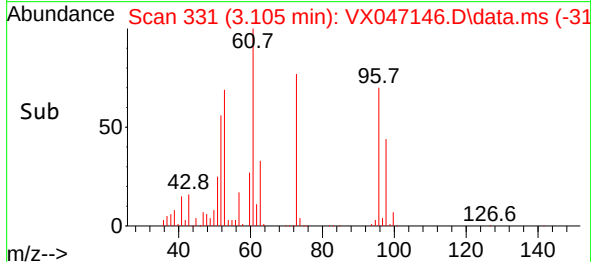
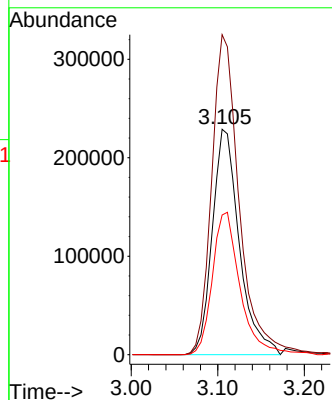
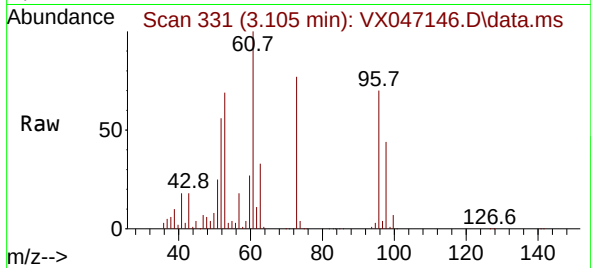




#19
trans-1,2-Dichloroethene
Concen: 290.656 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

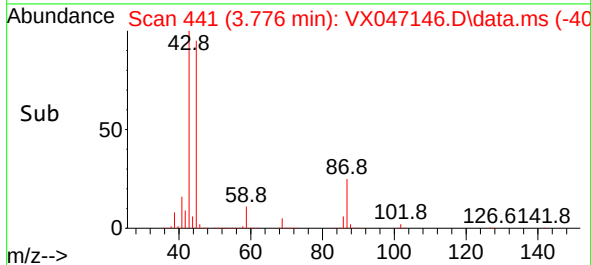
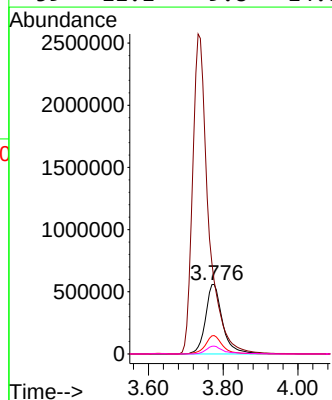
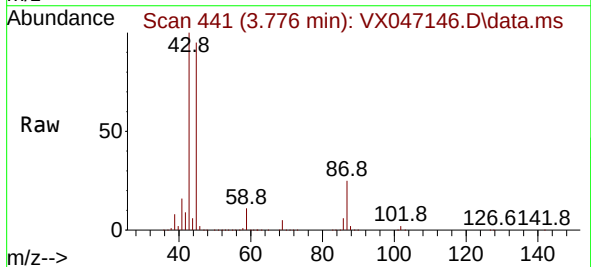
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

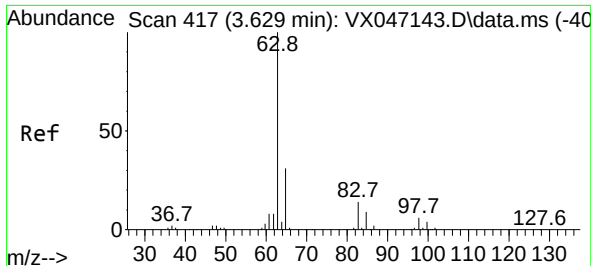
Tgt Ion: 96 Resp: 496598
Ion Ratio Lower Upper
96 100
61 150.1 122.3 183.5
98 59.0 50.2 75.2



#20
Diisopropyl ether
Concen: 288.351 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 45 Resp: 1757421
Ion Ratio Lower Upper
45 100
43 104.5 89.1 133.7
87 26.5 21.3 31.9
59 11.1 9.8 14.8

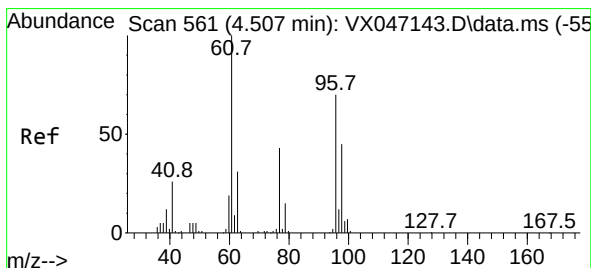
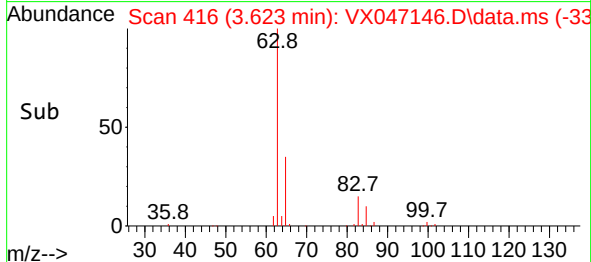
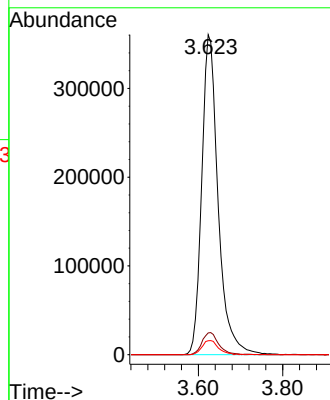
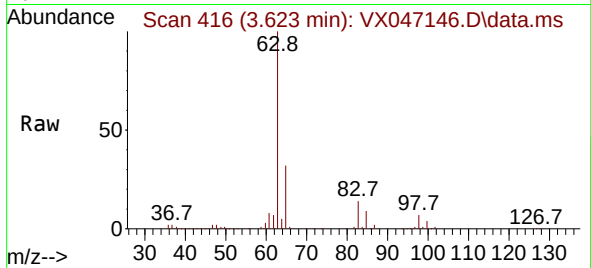




#21
1,1-Dichloroethane
Concen: 293.950 ug/l
RT: 3.623 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

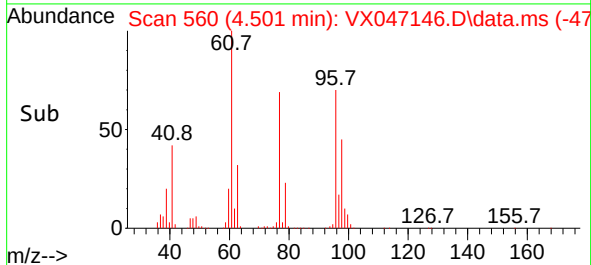
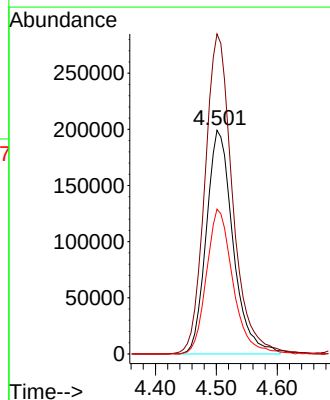
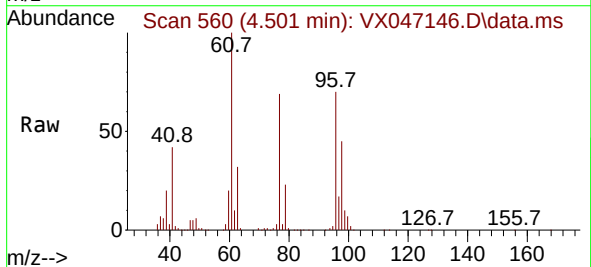
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

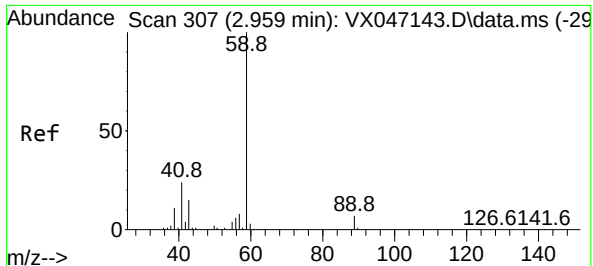
Tgt Ion: 63 Resp: 975088
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.5
100 4.5 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 290.742 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 96 Resp: 606568
Ion Ratio Lower Upper
96 100
61 147.9 120.0 180.0
98 64.3 52.8 79.2

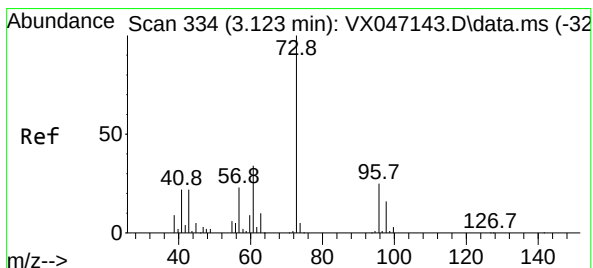
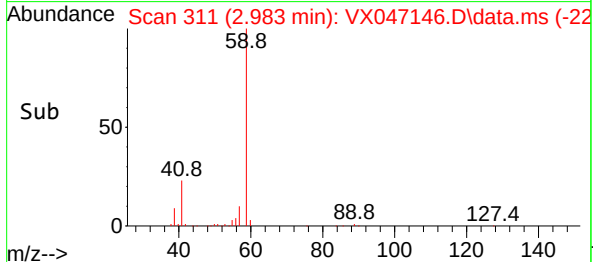
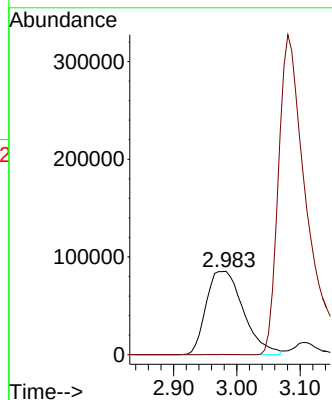
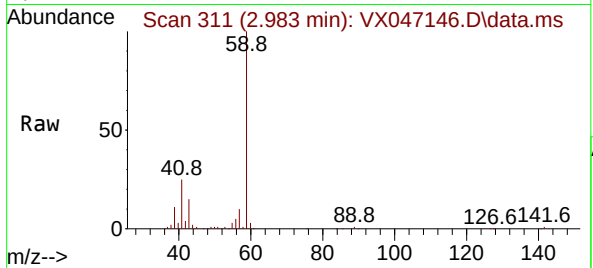




#23
tert-Butyl Alcohol
Concen: 1468.212 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.024 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

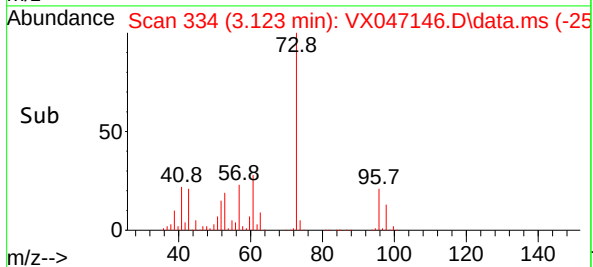
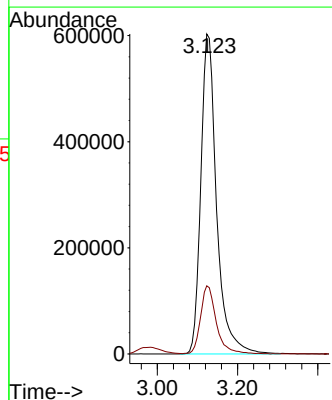
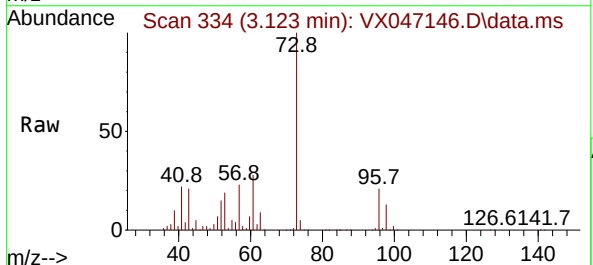
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

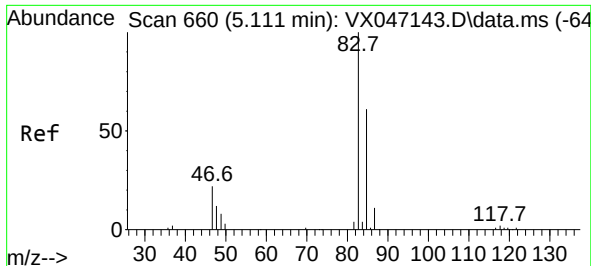
Tgt Ion: 59 Resp: 349328
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 294.845 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 73 Resp: 1647605
Ion Ratio Lower Upper
73 100
43 20.9 16.9 25.3

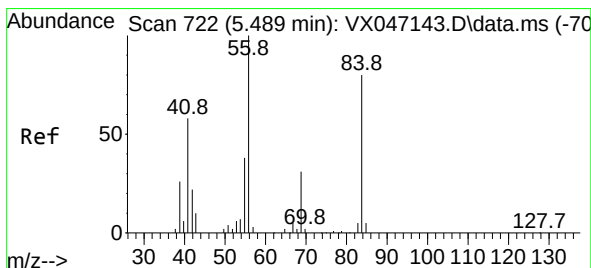
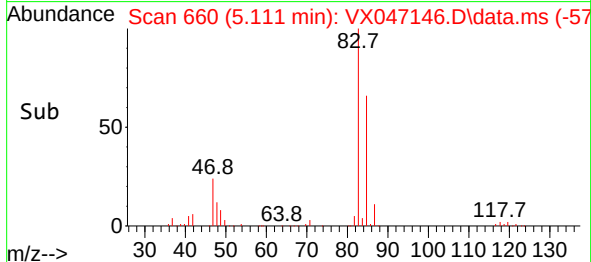
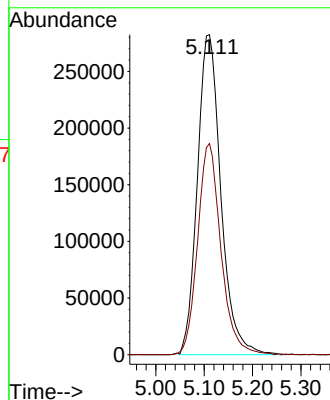
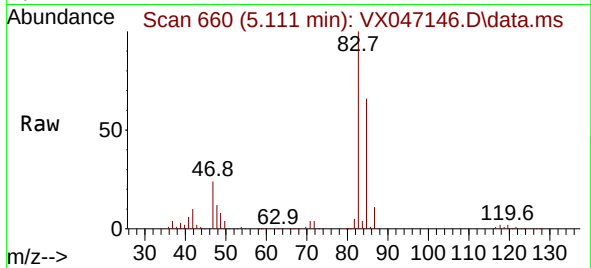




#25
Chloroform
Concen: 292.553 ug/l
RT: 5.111 min Scan# 60
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

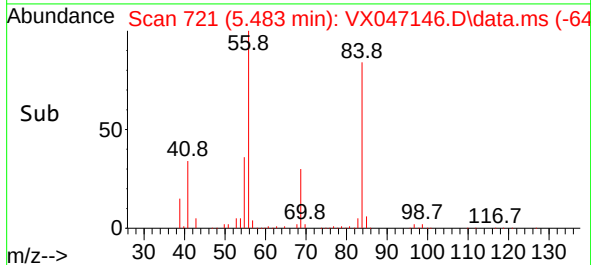
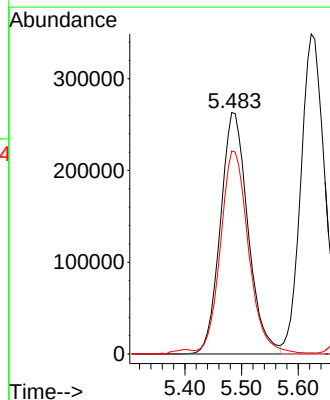
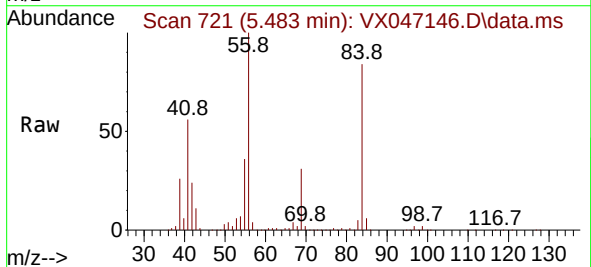
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

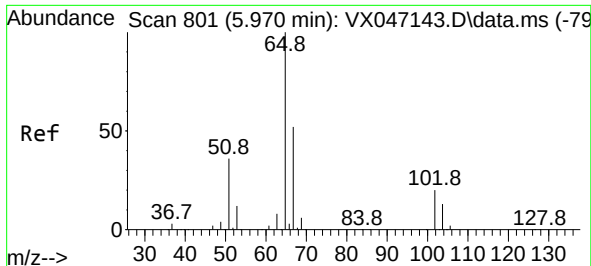
Tgt Ion: 83 Resp: 955460
Ion Ratio Lower Upper
83 100
85 64.4 48.0 72.0



#26
Cyclohexane
Concen: 276.066 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 56 Resp: 889203
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.1 67.9 101.9

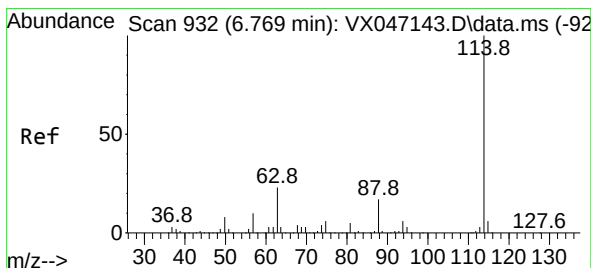
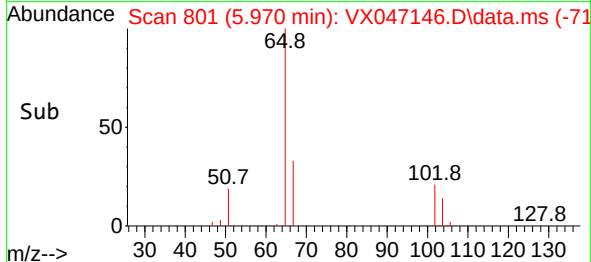
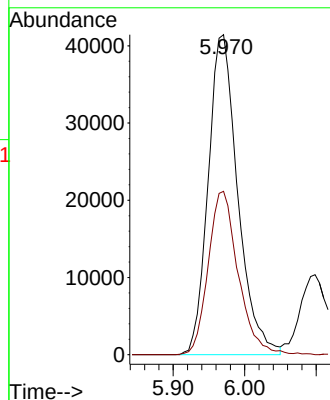
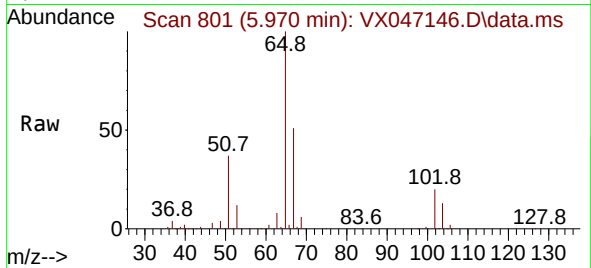




#27
1,2-Dichloroethane-d4
Concen: 57.164 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

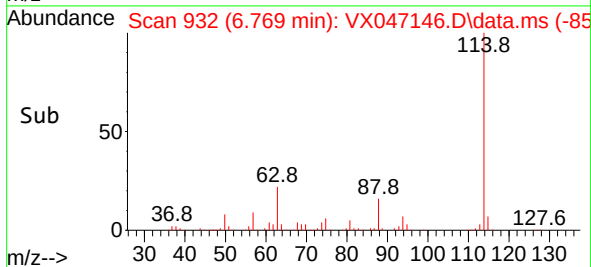
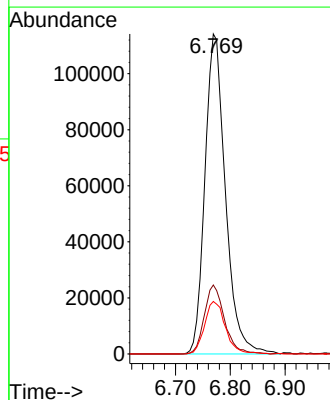
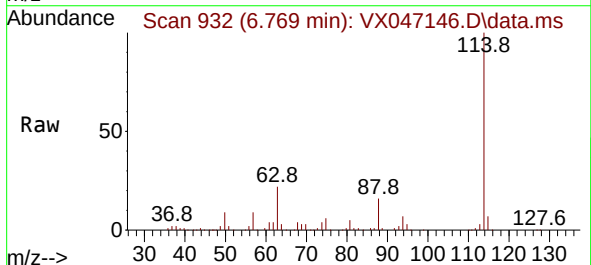
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

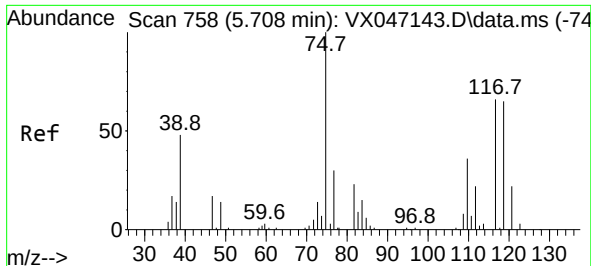
Tgt Ion: 65 Resp: 119058
Ion Ratio Lower Upper
65 100
67 51.6 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 114 Resp: 296252
Ion Ratio Lower Upper
114 100
63 21.2 17.4 26.0
88 16.7 13.0 19.6





#29

1,1-Dichloropropene

Concen: 147.078 ug/l

RT: 5.708 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

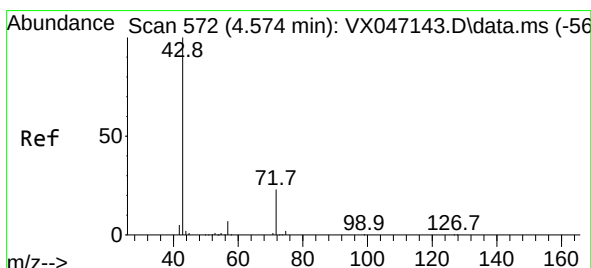
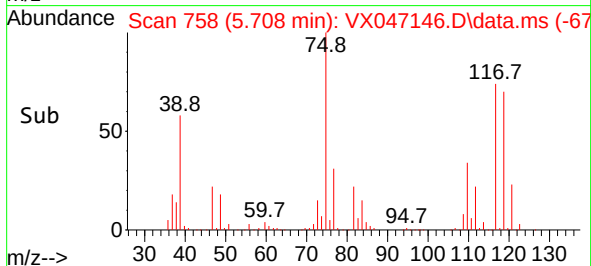
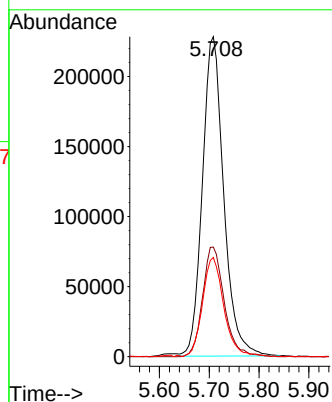
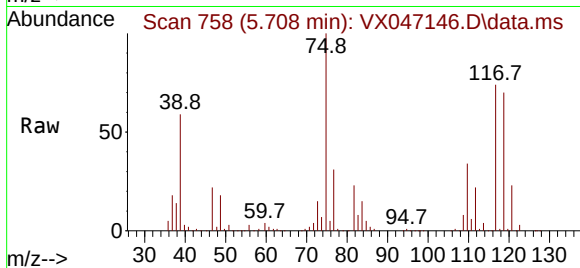
Tgt Ion: 75 Resp: 678630

Ion Ratio Lower Upper

75 100

110 34.8 0.0 70.8

77 30.7 0.0 61.6



#30

2-Butanone

Concen: 751.872 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

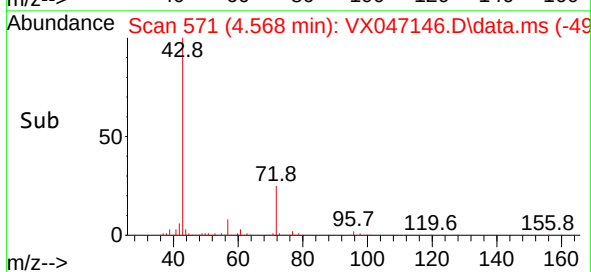
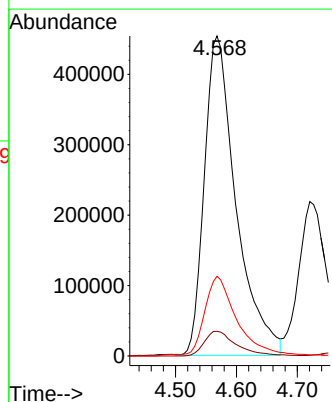
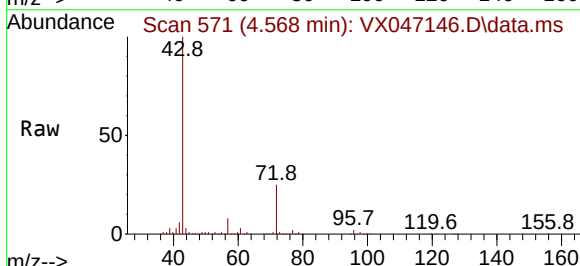
Tgt Ion: 43 Resp: 1638631

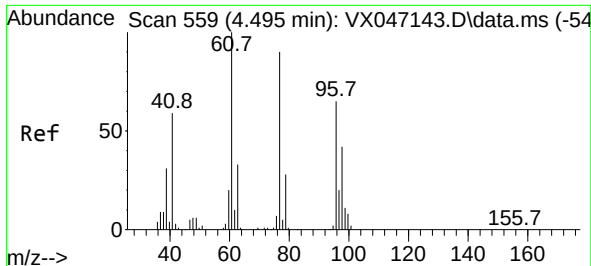
Ion Ratio Lower Upper

43 100

57 7.9 5.9 8.9

72 24.1 20.2 30.2

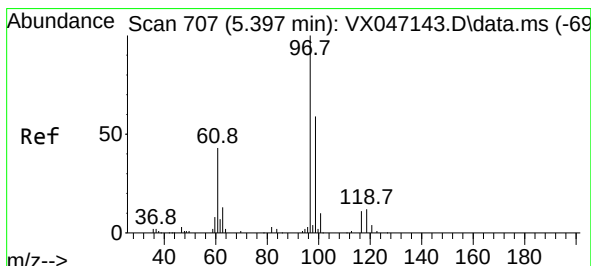
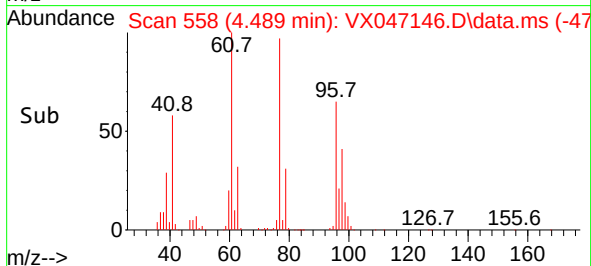
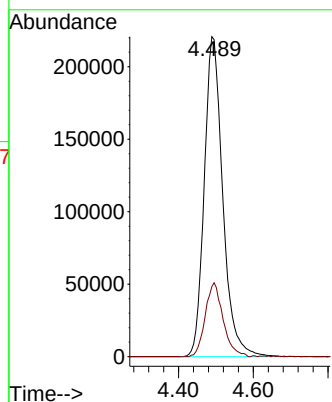
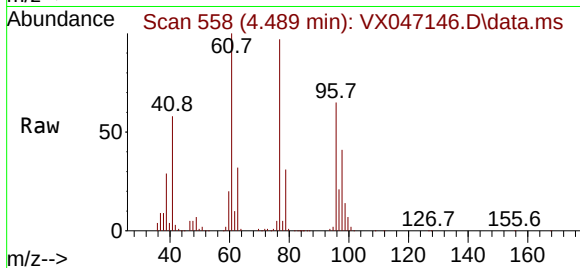




#31
2,2-Dichloropropane
Concen: 152.965 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

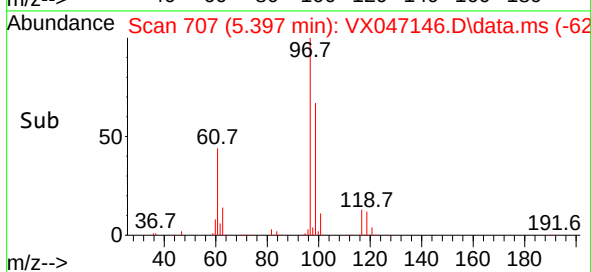
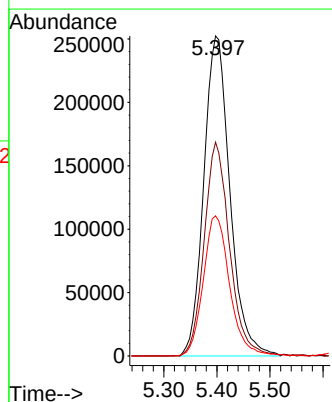
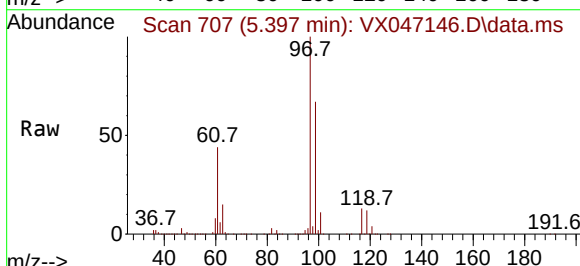
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

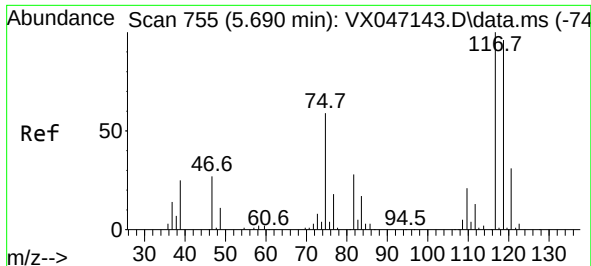
Tgt Ion: 77 Resp: 757822
Ion Ratio Lower Upper
77 100
97 22.3 14.5 21.7#



#32
1,1,1-Trichloroethane
Concen: 151.408 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 97 Resp: 865103
Ion Ratio Lower Upper
97 100
99 64.6 30.0 45.0#
61 44.3 36.1 54.1

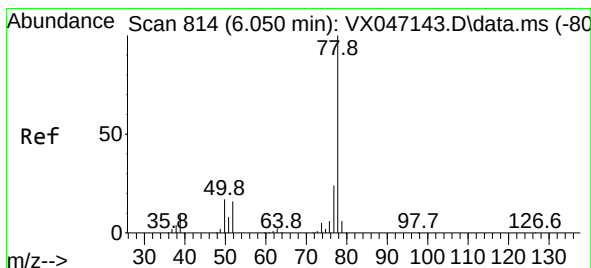
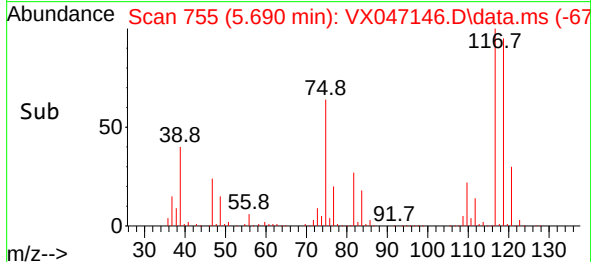
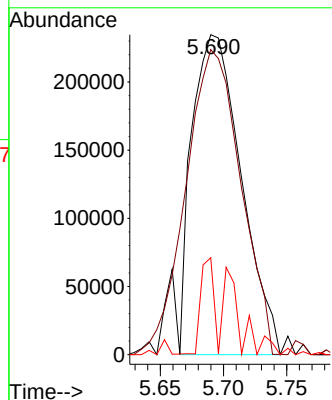
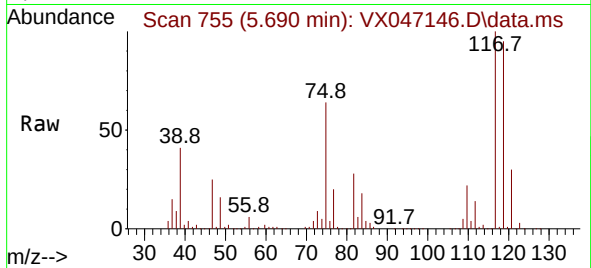




#33
Carbon Tetrachloride
Concen: 157.486 ug/l
RT: 5.690 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

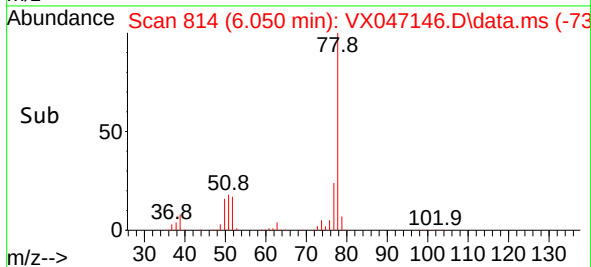
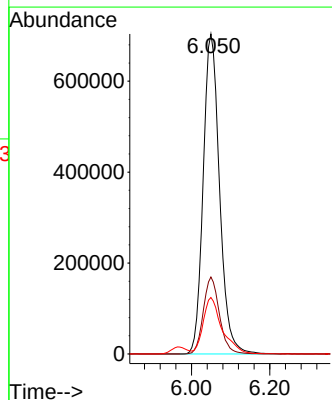
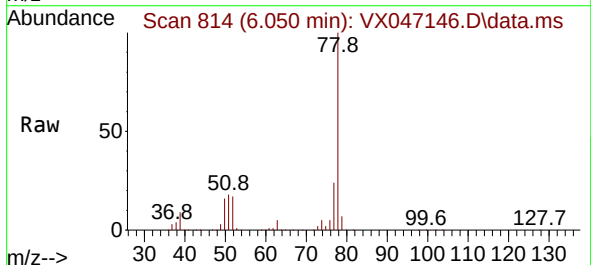
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

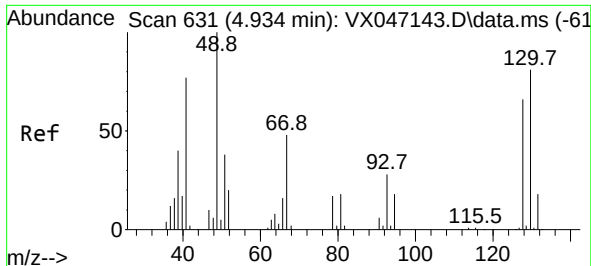
Tgt Ion:117 Resp: 636694
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7
121 30.2 0.5 0.7#



#34
Benzene
Concen: 149.921 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 78 Resp: 2042243
Ion Ratio Lower Upper
78 100
77 22.5 17.6 26.4
51 16.5 13.8 20.6



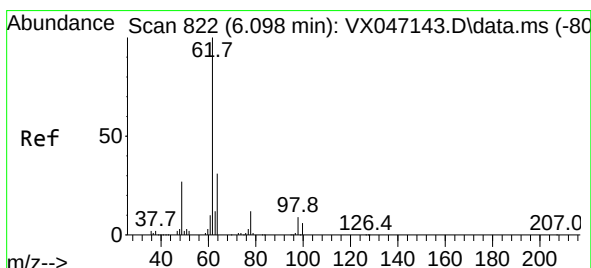
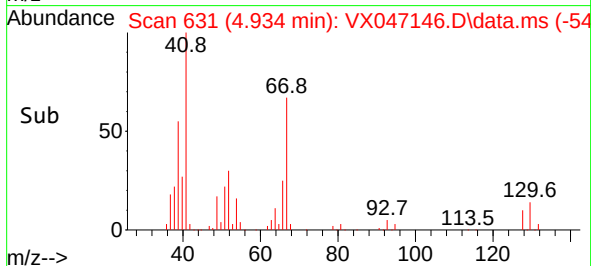
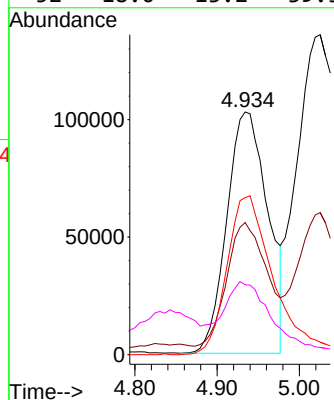
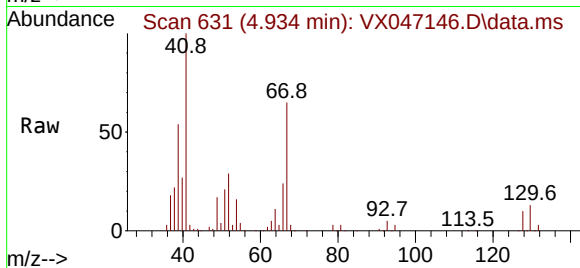


#35
Methacrylonitrile
Concen: 151.240 ug/l
RT: 4.934 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 356316

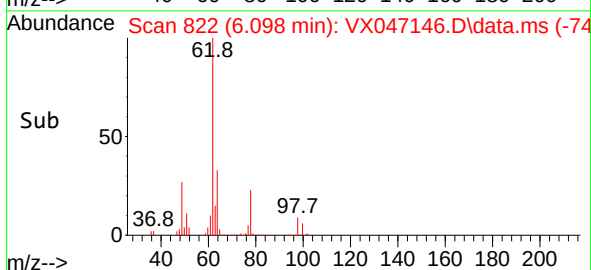
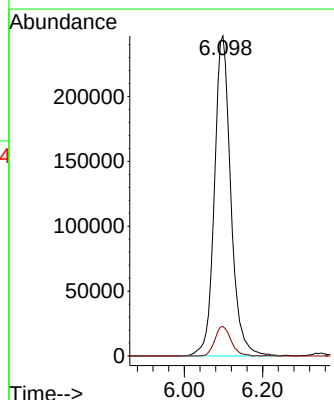
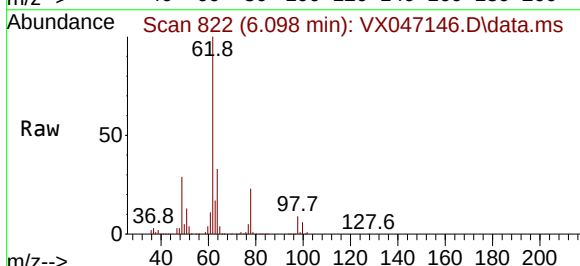
Ion	Ratio	Lower	Upper
41	100		
39	50.4	26.2	78.5
67	65.1	31.4	94.3
52	18.0	13.2	39.5

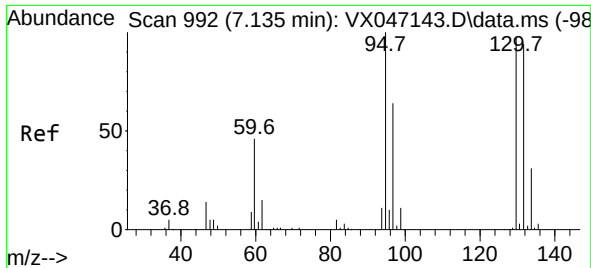


#36
1,2-Dichloroethane
Concen: 146.570 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 62 Resp: 717016

Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.7	10.1

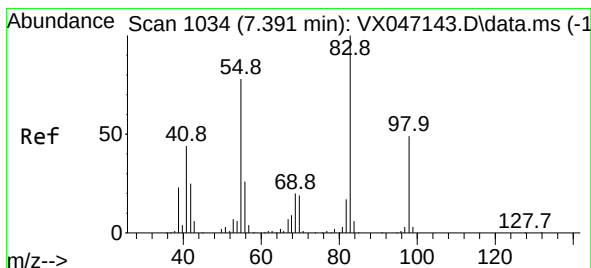
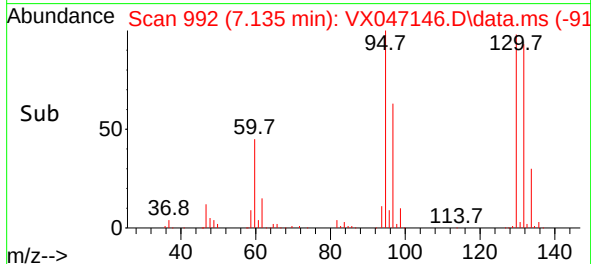
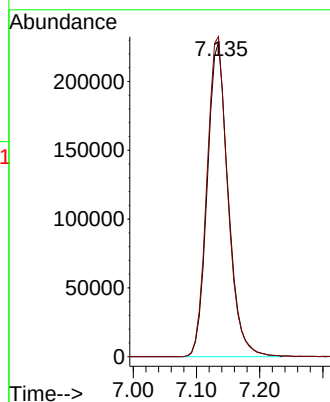
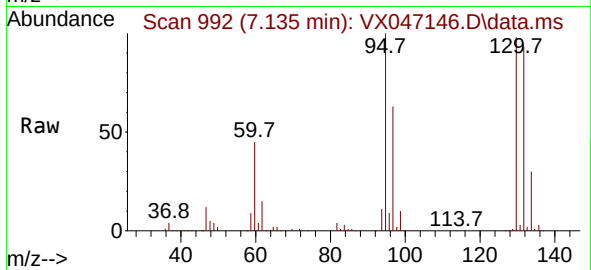




#37
Trichloroethene
Concen: 152.982 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

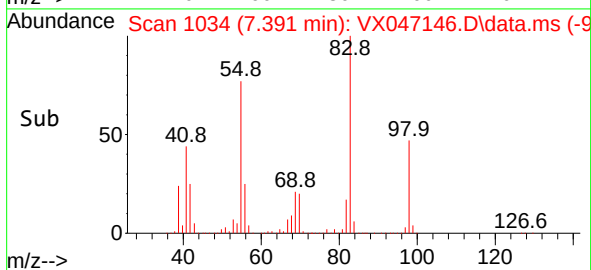
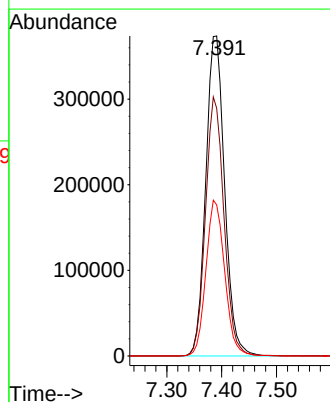
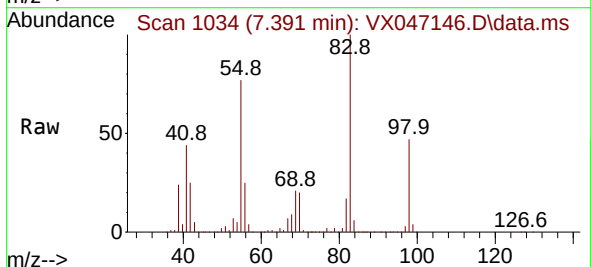
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

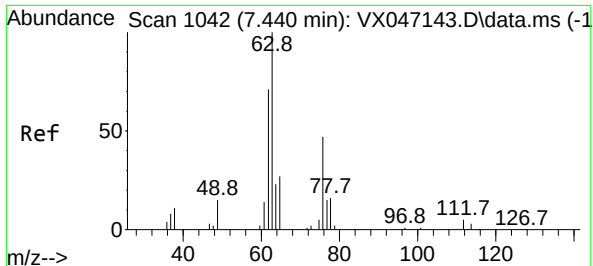
Tgt Ion:130 Resp: 524447
Ion Ratio Lower Upper
130 100
95 101.7 79.4 119.2



#38
Methylcyclohexane
Concen: 150.028 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 83 Resp: 892450
Ion Ratio Lower Upper
83 100
55 79.4 40.3 120.8
98 48.4 24.3 72.9





#39

1,2-Dichloropropane

Concen: 148.585 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

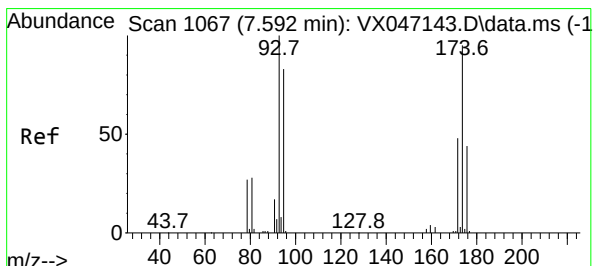
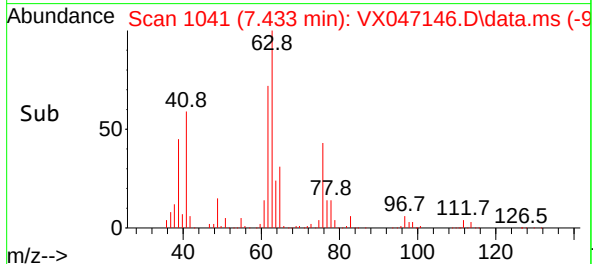
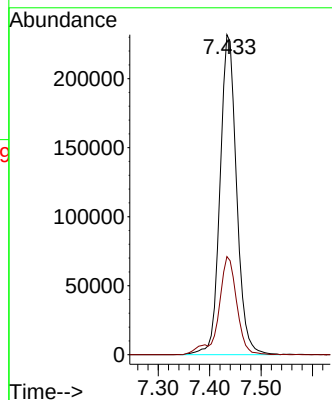
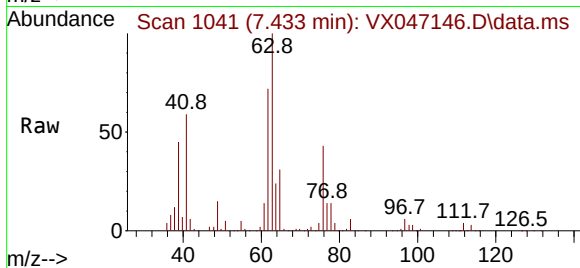
VSTDIC150

Tgt Ion: 63 Resp: 518913

Ion Ratio Lower Upper

63 100

65 24.7 19.8 29.6



#40

Dibromomethane

Concen: 153.615 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

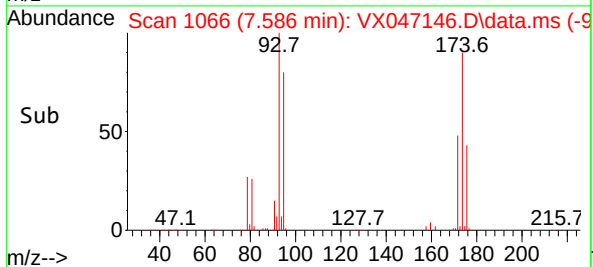
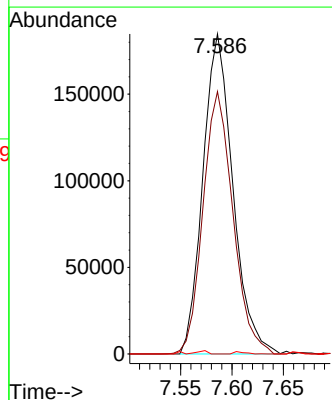
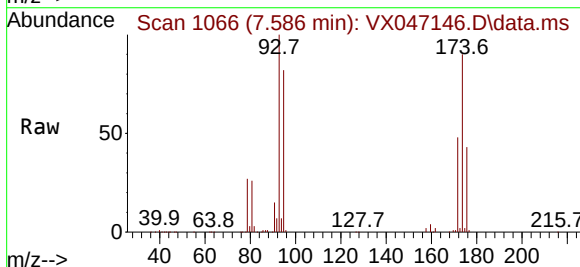
Tgt Ion: 93 Resp: 374220

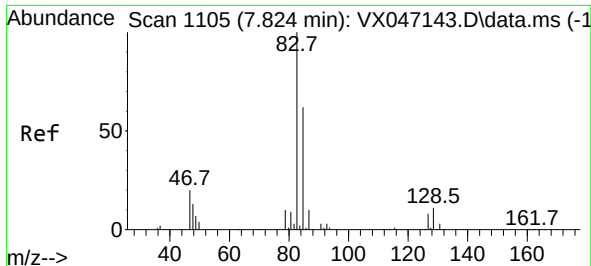
Ion Ratio Lower Upper

93 100

95 82.0 0.0 166.2

174 0.4 0.0 26.4

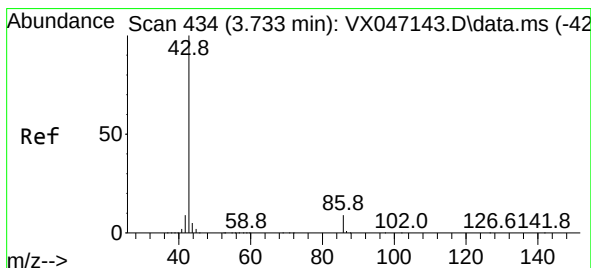
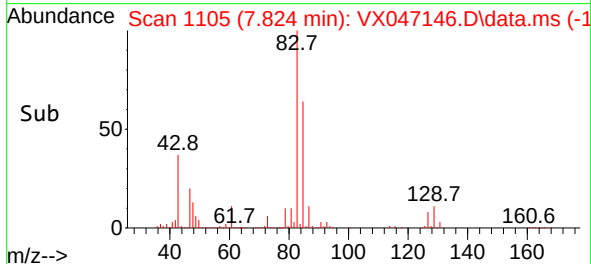
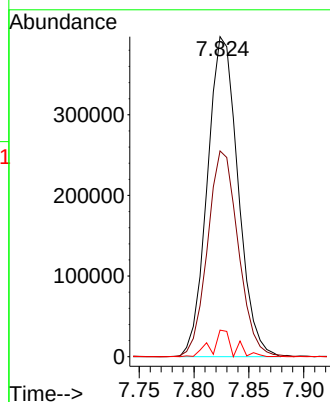
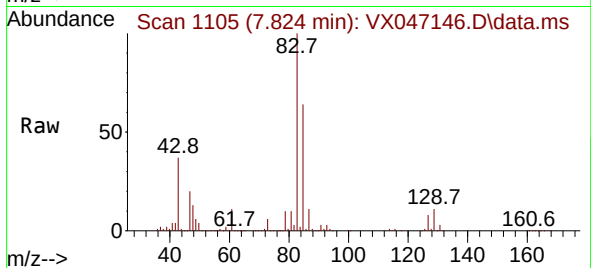




#41
Bromodichloromethane
Concen: 151.900 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

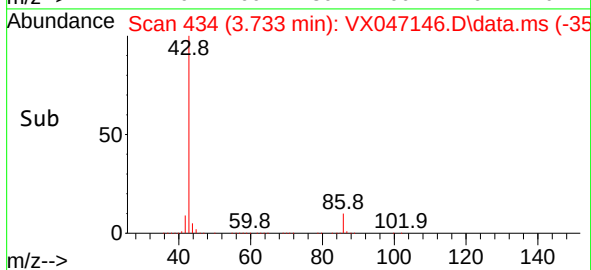
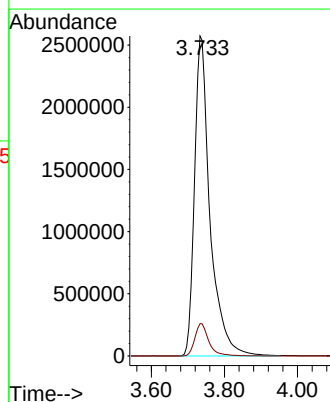
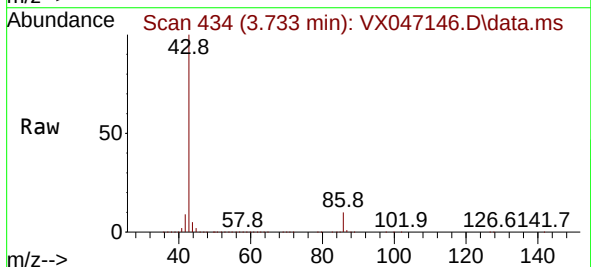
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

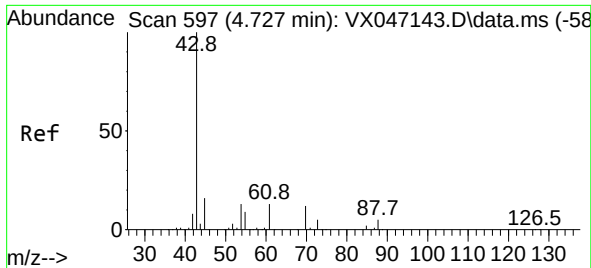
Tgt Ion: 83 Resp: 774361
Ion Ratio Lower Upper
83 100
85 63.4 47.2 70.8
127 9.0 7.1 10.7



#42
Vinyl Acetate
Concen: 757.550 ug/l
RT: 3.733 min Scan# 434
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 43 Resp: 7589838
Ion Ratio Lower Upper
43 100
86 9.1 6.9 10.3

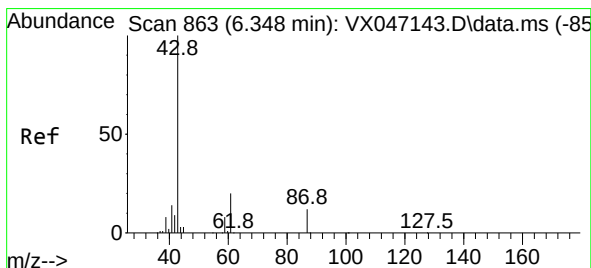
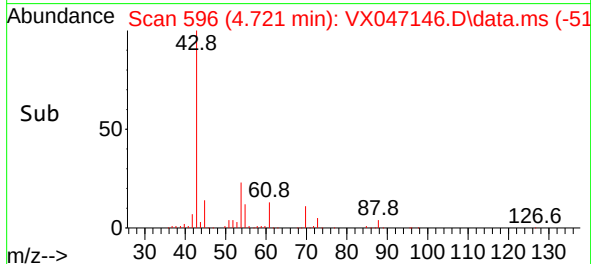
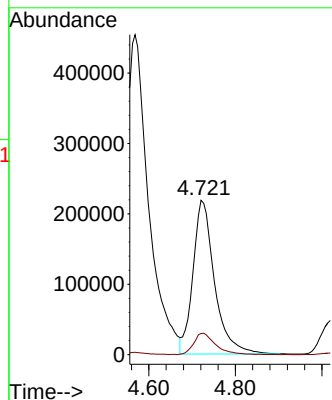
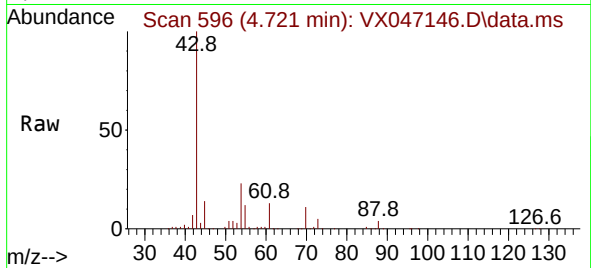




#43
Ethyl Acetate
Concen: 151.947 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

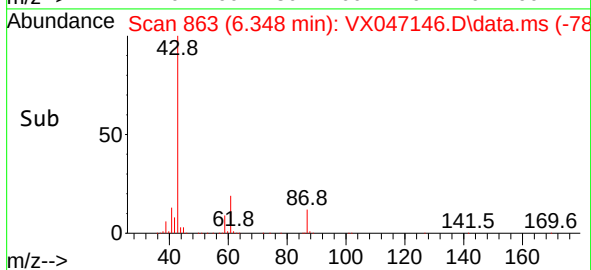
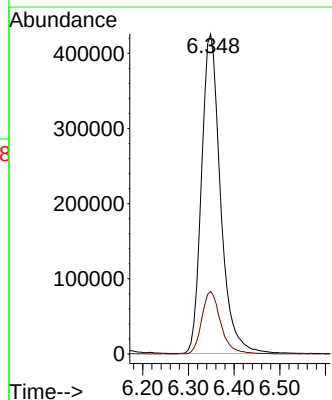
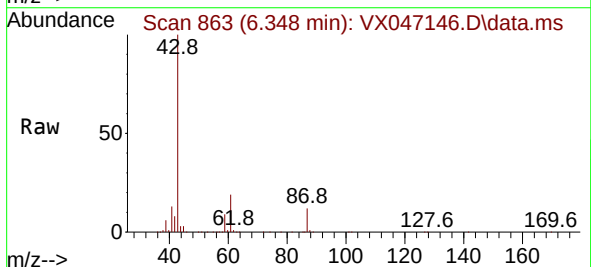
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

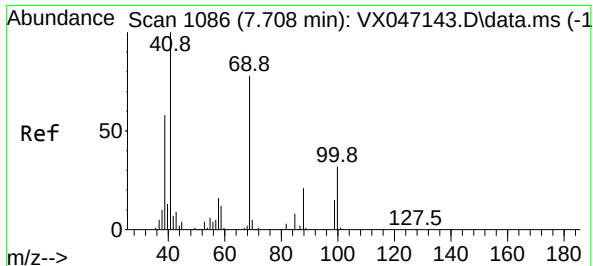
Tgt Ion: 43 Resp: 755092
Ion Ratio Lower Upper
43 100
45 13.8 10.6 16.0



#44
Isopropyl Acetate
Concen: 156.375 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 43 Resp: 1222691
Ion Ratio Lower Upper
43 100
61 19.5 14.7 22.1





#45

1,4-Dioxane

Concen: 609.356 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.018 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

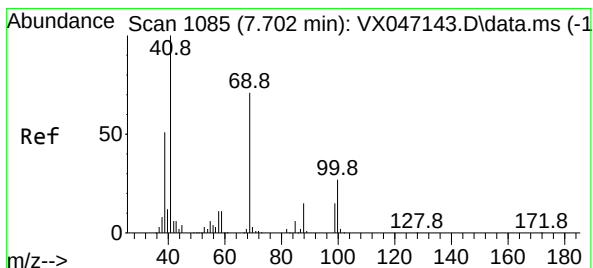
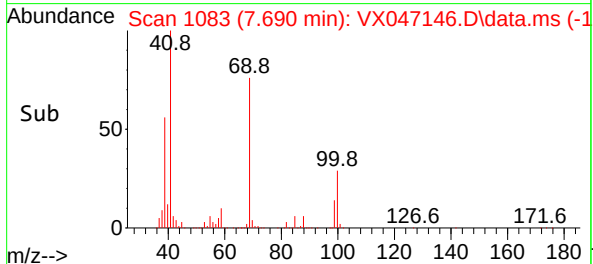
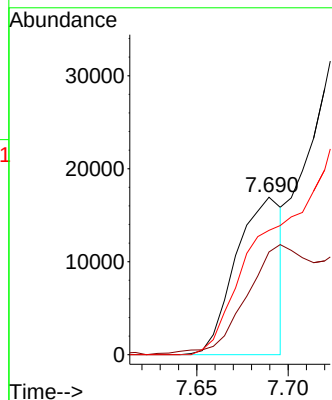
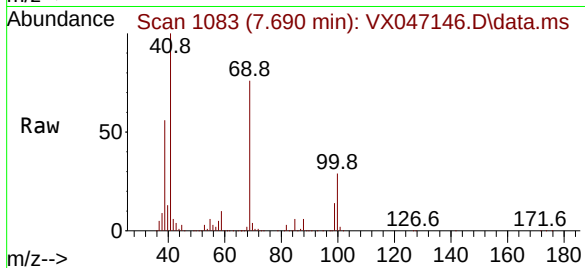
Tgt Ion: 88 Resp: 29777

Ion Ratio Lower Upper

88 100

43 96.1 30.2 45.2#

58 0.0 33.3 49.9#



#46

Methyl methacrylate

Concen: 154.514 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

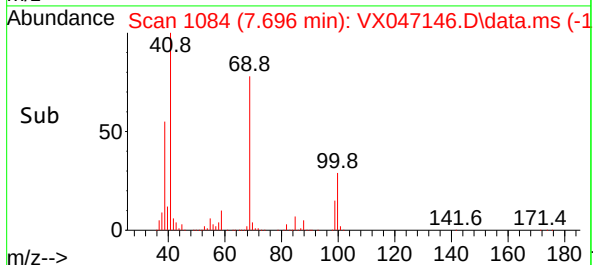
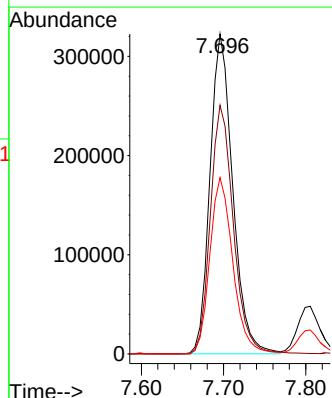
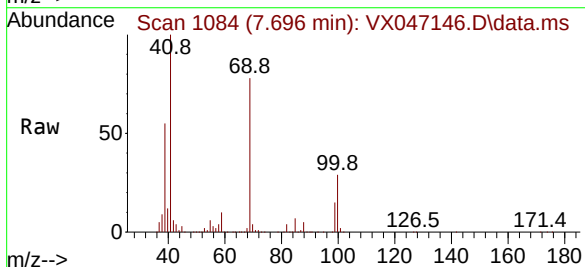
Tgt Ion: 41 Resp: 619950

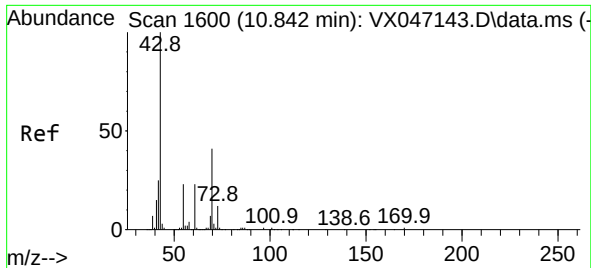
Ion Ratio Lower Upper

41 100

69 77.8 35.8 107.3

39 54.8 24.4 73.4

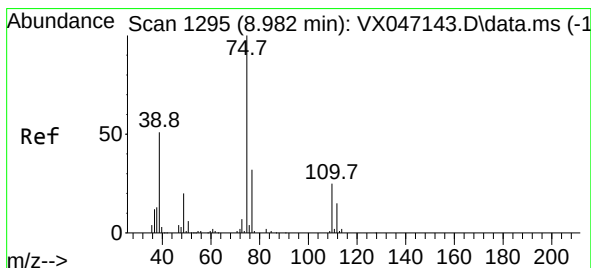
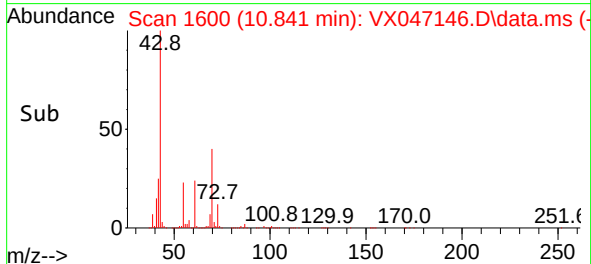
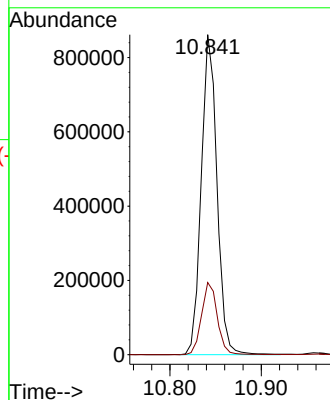
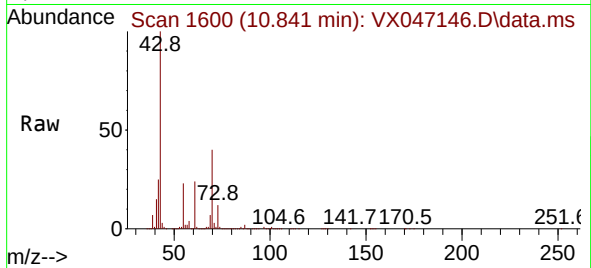




#47
n-amy1 Acetate
Concen: 150.564 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

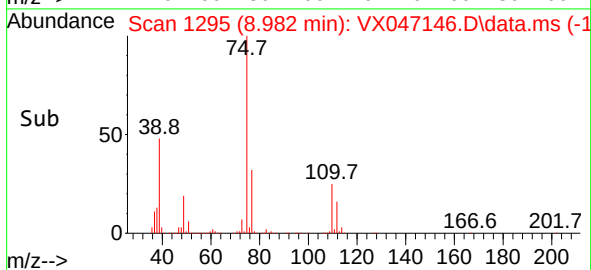
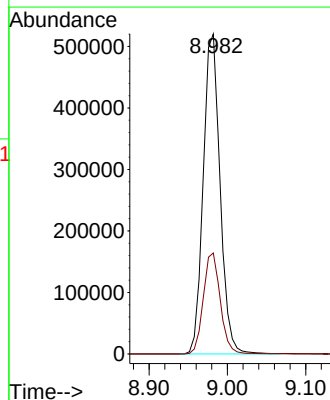
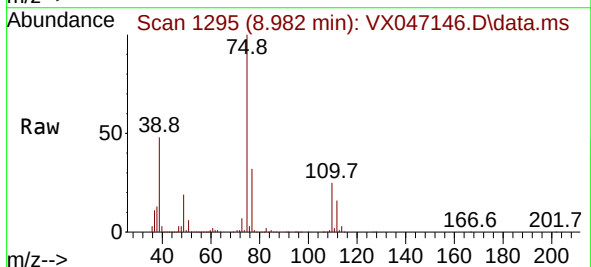
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

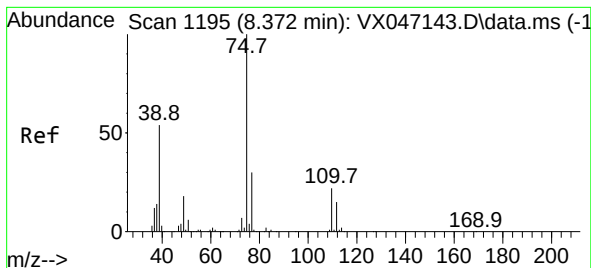
Tgt Ion: 43 Resp: 1029353
Ion Ratio Lower Upper
43 100
55 22.7 18.4 27.6



#48
t-1,3-Dichloropropene
Concen: 157.604 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 75 Resp: 776532
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 153.738 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

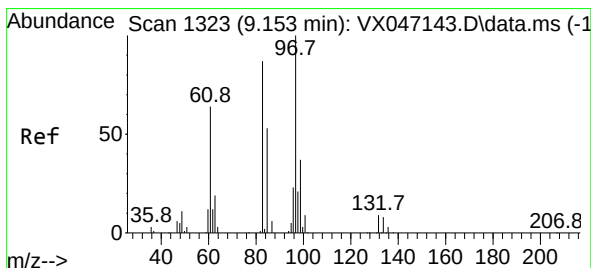
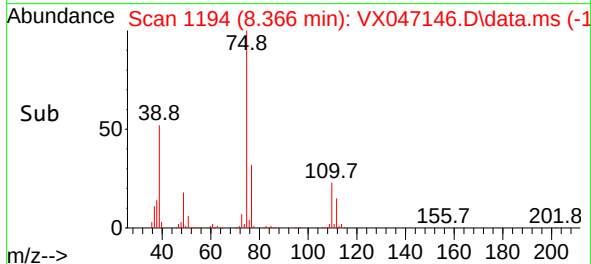
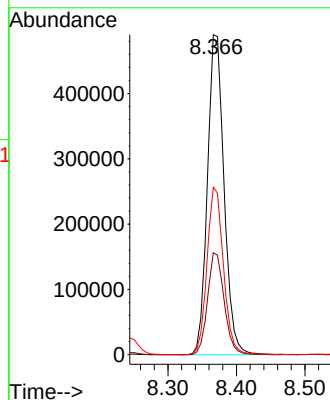
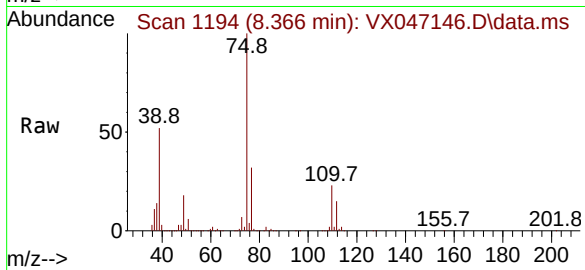
Tgt Ion: 75 Resp: 828586

Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7

39 52.4 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 145.971 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Tgt Ion: 97 Resp: 472903

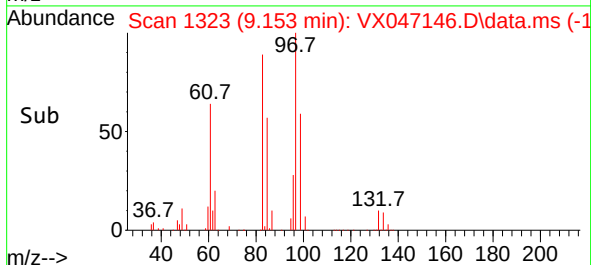
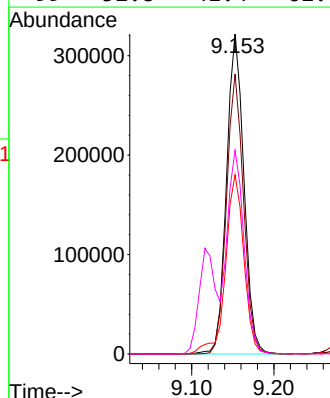
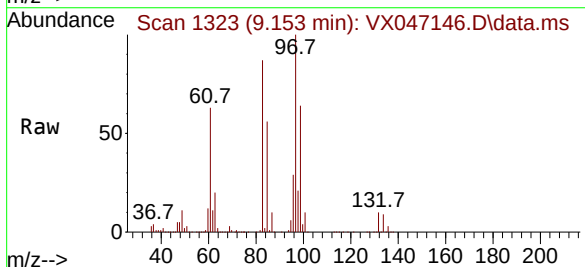
Ion Ratio Lower Upper

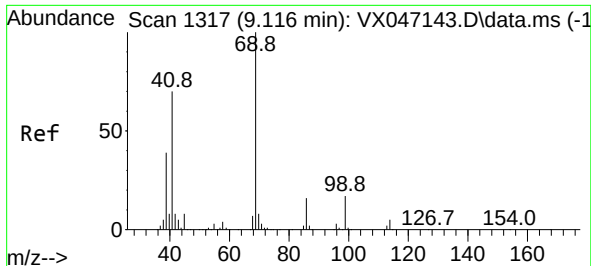
97 100

83 72.6 58.3 87.5

85 46.4 36.5 54.7

99 52.8 41.4 62.0

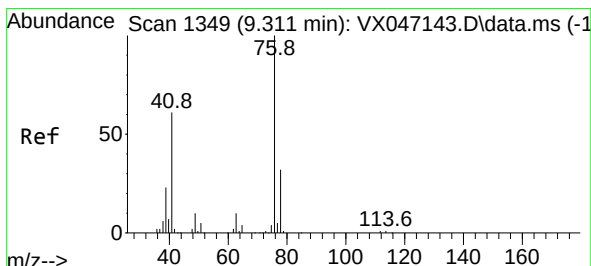
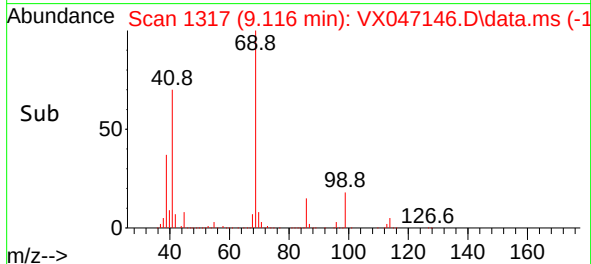
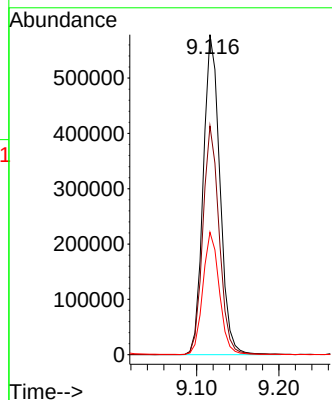
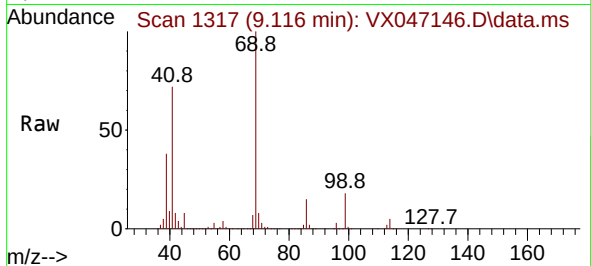




#51
Ethyl methacrylate
Concen: 154.657 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

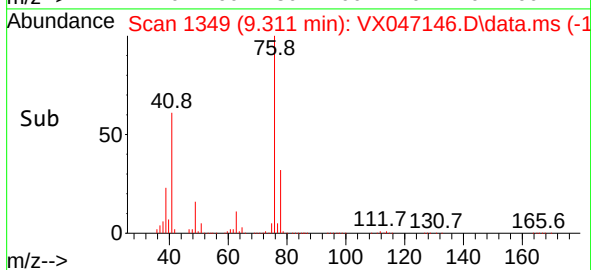
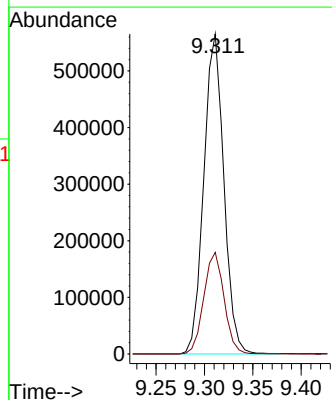
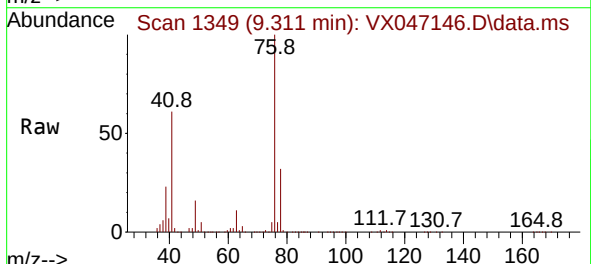
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

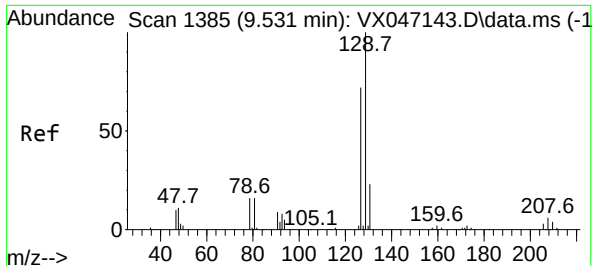
Tgt Ion: 69 Resp: 816856
Ion Ratio Lower Upper
69 100
41 71.5 35.0 105.1
39 38.2 19.5 58.5



#52
1,3-Dichloropropane
Concen: 145.405 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 76 Resp: 817236
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6

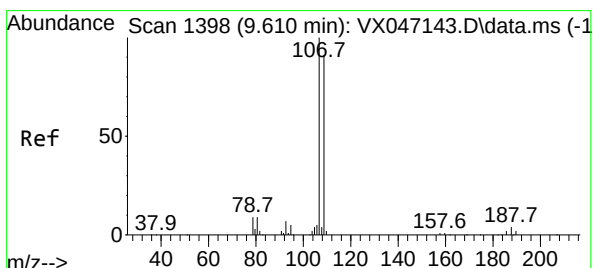
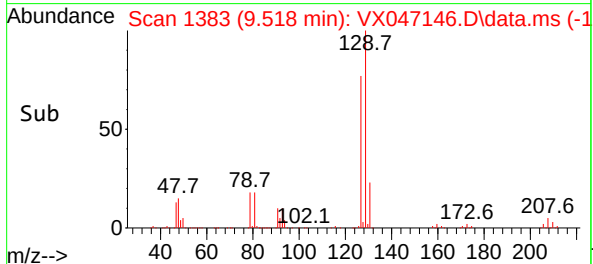
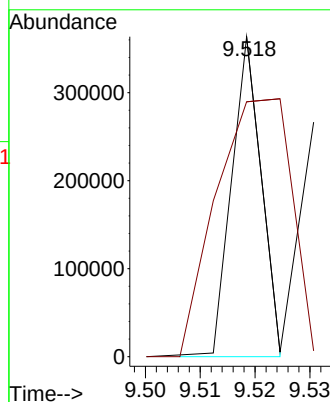
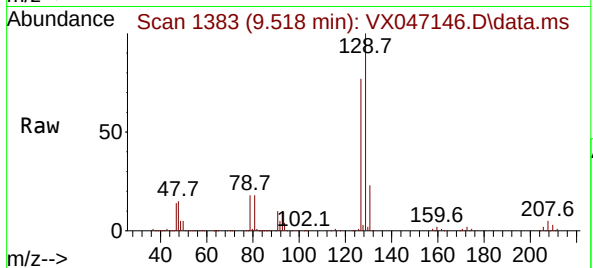




#53
Dibromochloromethane
Concen: 114.601 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.012 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

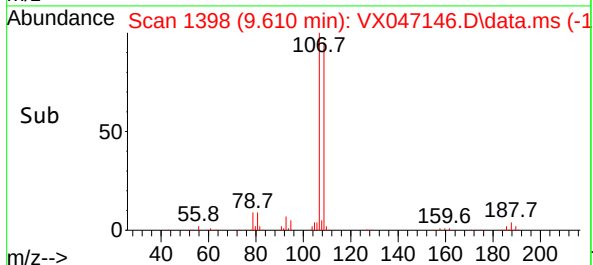
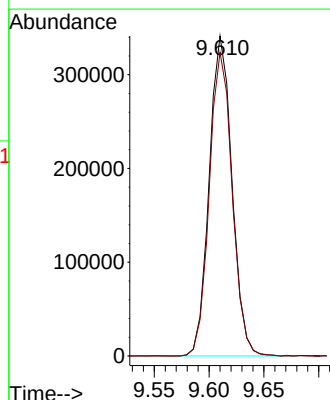
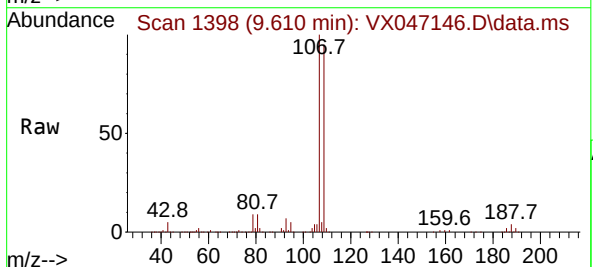
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

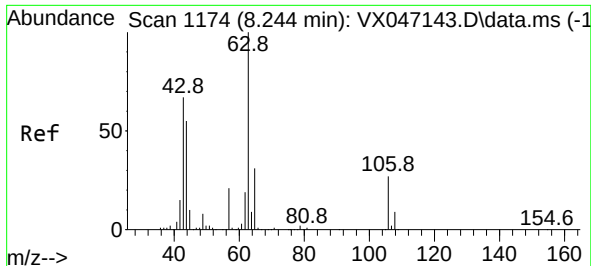
Tgt Ion:129 Resp: 136357
Ion Ratio Lower Upper
129 100
127 205.6 125.0 374.9



#54
1,2-Dibromoethane
Concen: 145.471 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion:107 Resp: 493381
Ion Ratio Lower Upper
107 100
109 95.1 74.0 111.0

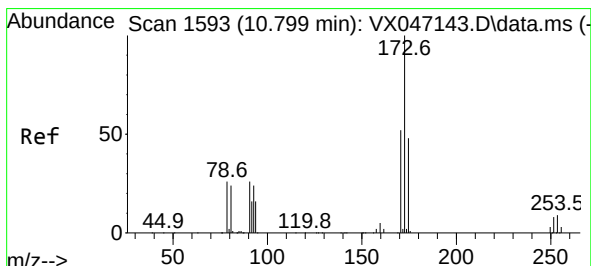
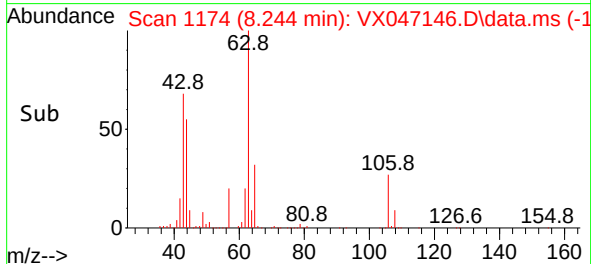
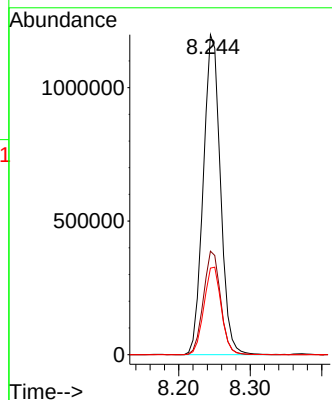
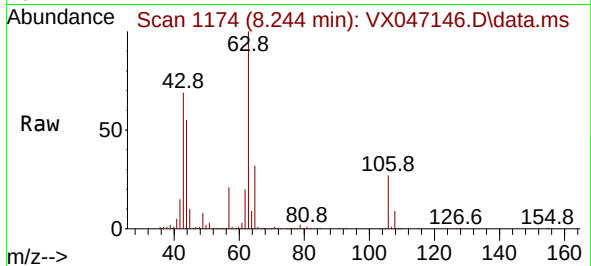




#55
2-Chloroethyl vinyl ether
Concen: 774.694 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

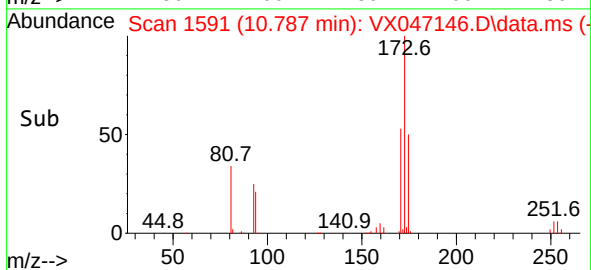
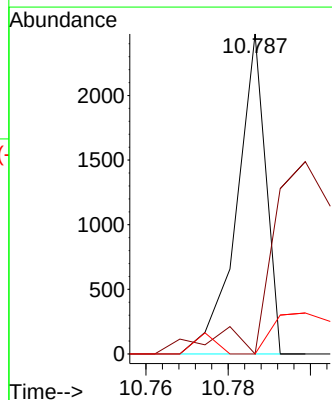
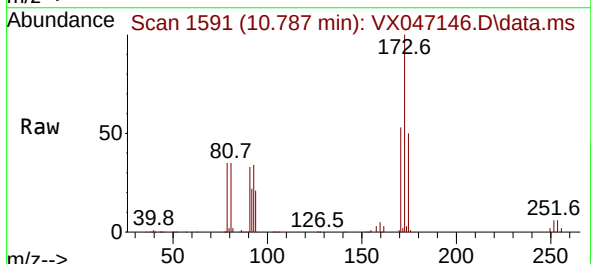
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

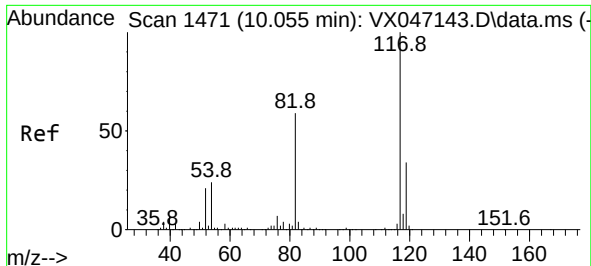
Tgt Ion: 63 Resp: 1995253
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.6
106 27.8 22.1 33.1



#56
Bromoform
Concen: 25.036 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. -0.012 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion:173 Resp: 1207
Ion Ratio Lower Upper
173 100
175 12.1 2.6 3.8#
254 0.0 2.2 3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

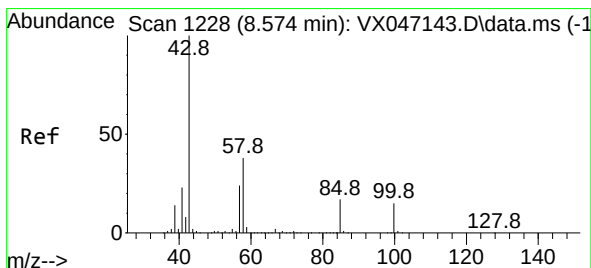
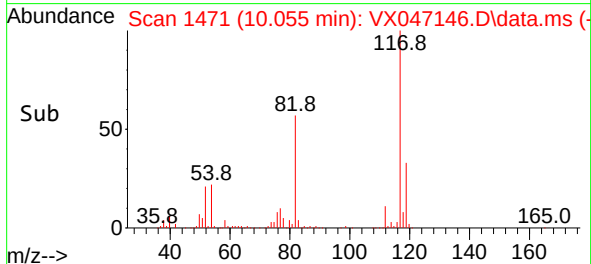
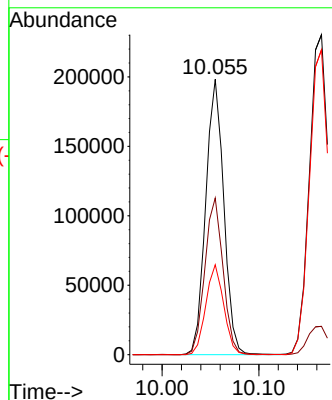
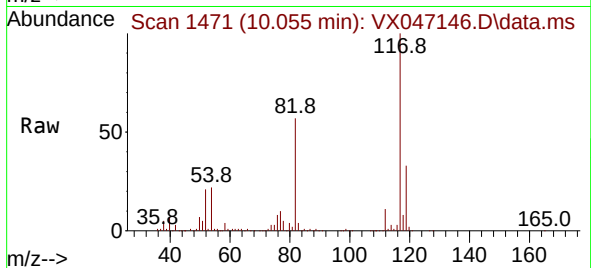
Tgt Ion:117 Resp: 258620

Ion Ratio Lower Upper

117 100

82 57.3 46.0 69.0

119 32.3 25.8 38.8



#58

4-Methyl-2-Pentanone

Concen: 741.134 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

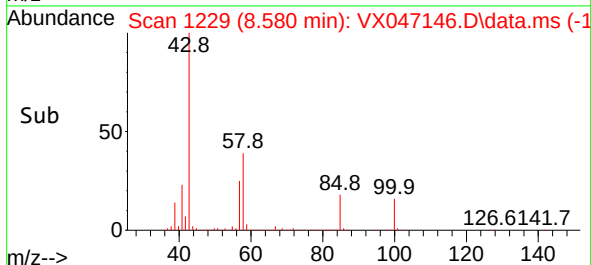
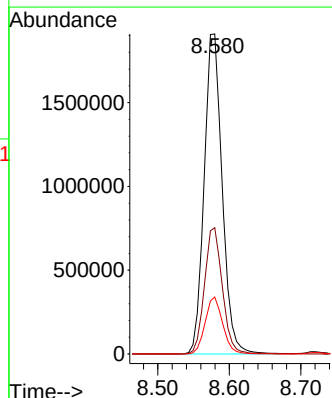
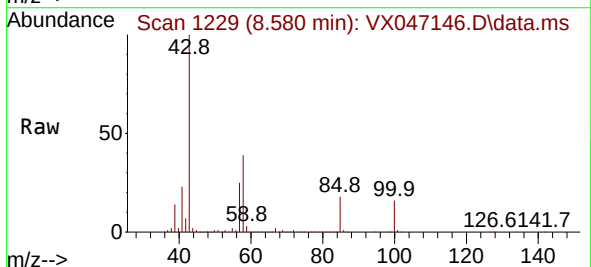
Tgt Ion: 43 Resp: 3344302

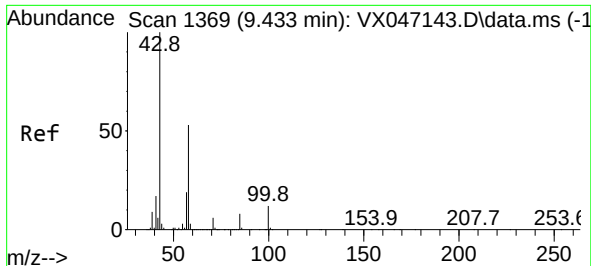
Ion Ratio Lower Upper

43 100

58 39.1 30.6 45.8

85 17.4 13.4 20.2

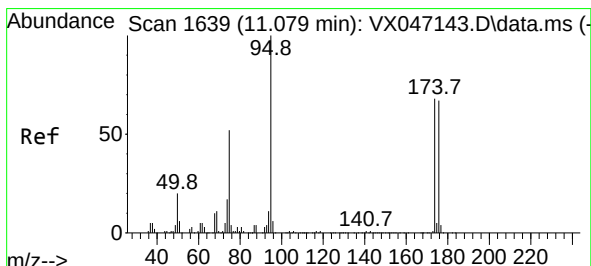
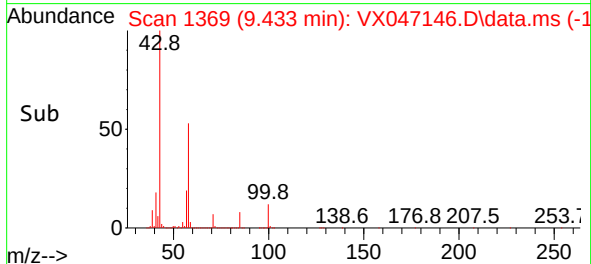
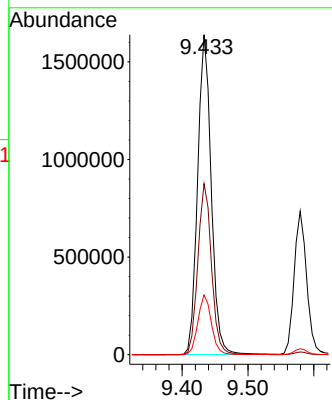
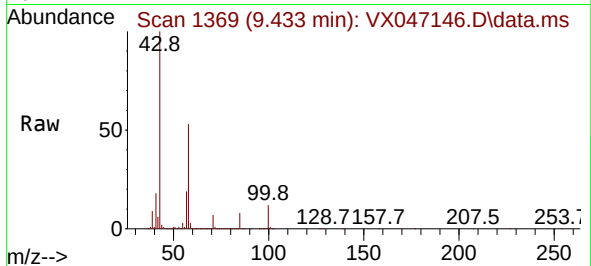




#59
2-Hexanone
Concen: 736.362 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

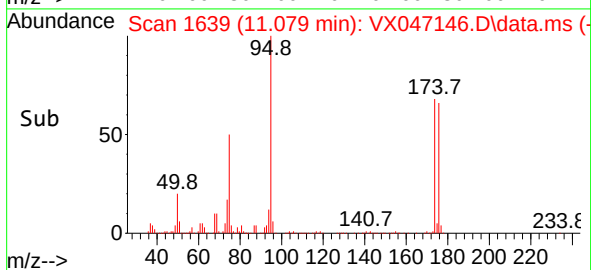
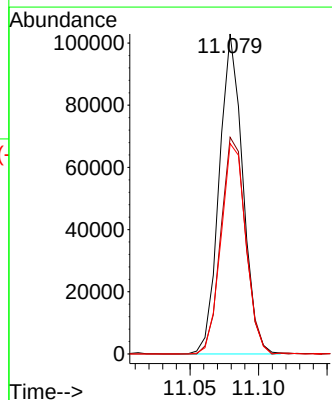
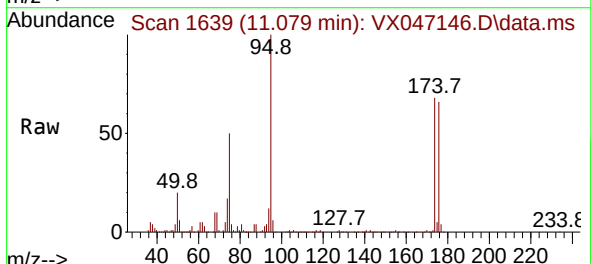
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

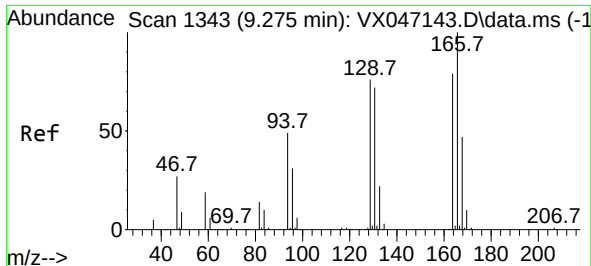
Tgt Ion: 43 Resp: 2350541
Ion Ratio Lower Upper
43 100
58 53.7 42.0 63.0
57 18.6 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 95 Resp: 122950
Ion Ratio Lower Upper
95 100
174 71.2 57.5 86.3
176 69.2 56.4 84.6

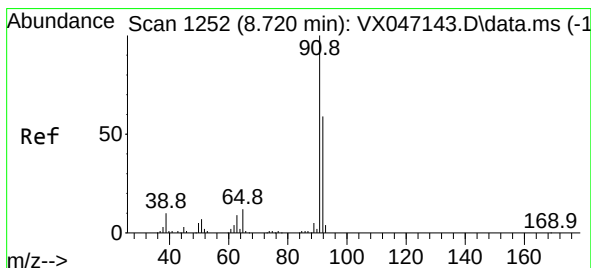
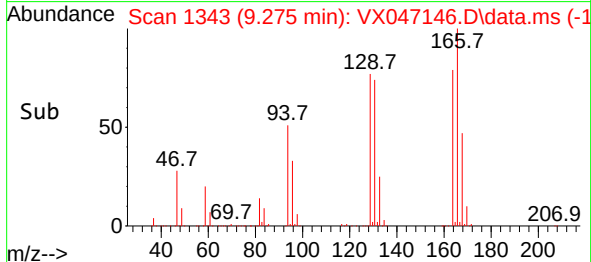
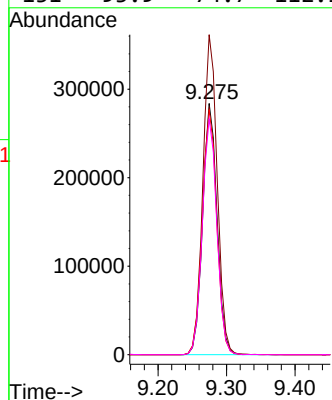
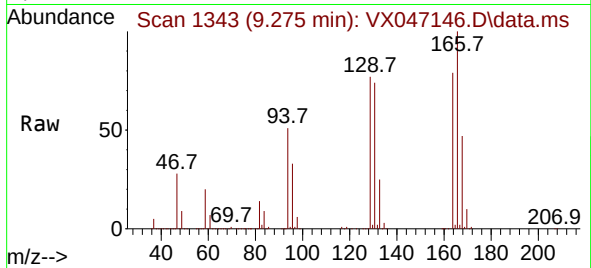




#61
Tetrachloroethene
Concen: 146.528 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

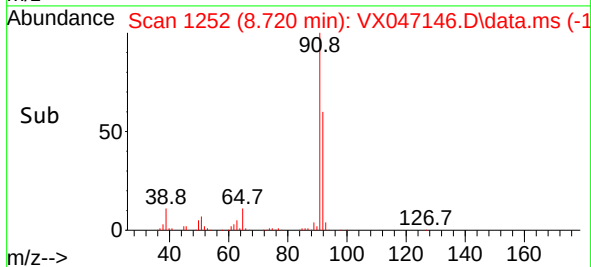
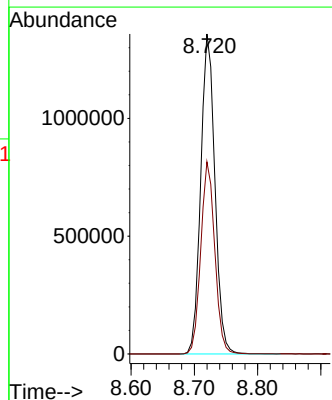
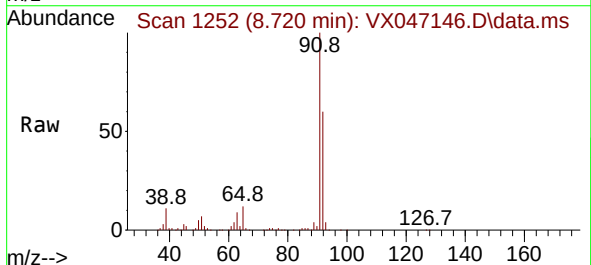
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

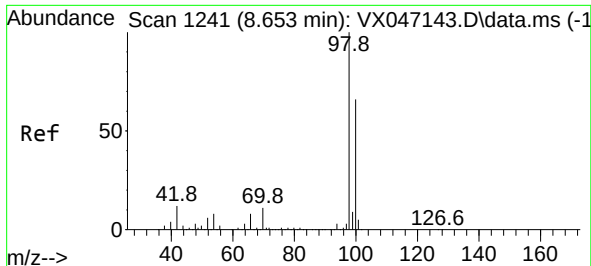
Tgt Ion:164 Resp: 414941
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.4
129 97.5 78.6 117.8
131 93.9 74.7 112.1



#62
Toluene
Concen: 146.363 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 91 Resp: 2116770
Ion Ratio Lower Upper
91 100
92 59.4 46.6 69.8

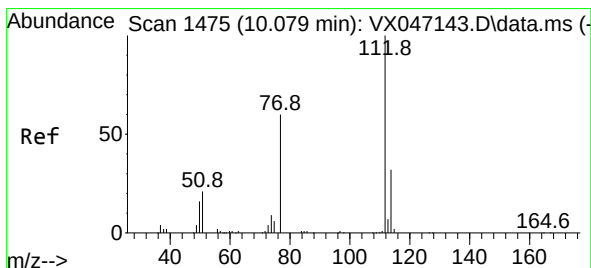
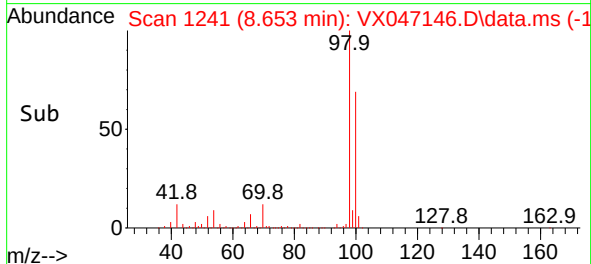
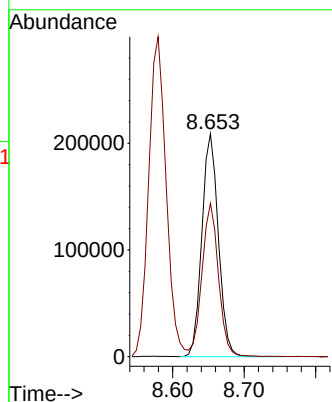
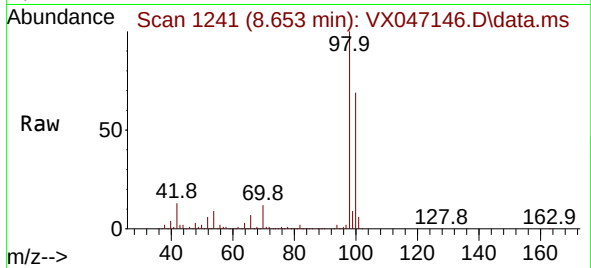




#63
Toluene-d8
Concen: 29.728 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

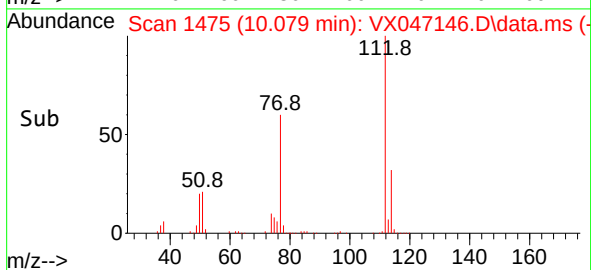
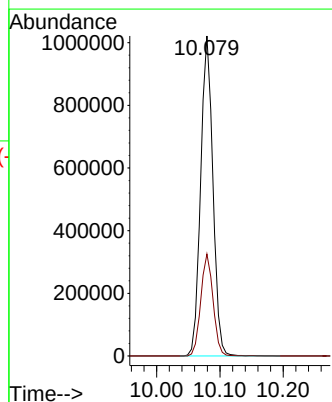
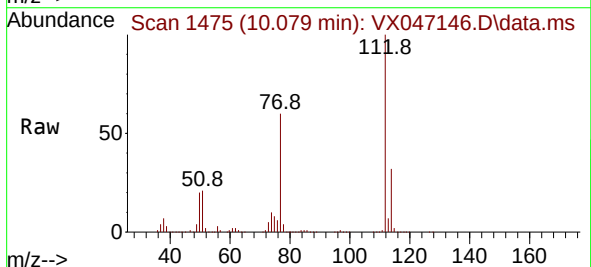
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

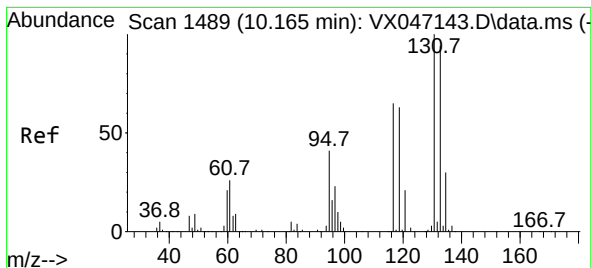
Tgt Ion: 98 Resp: 334864
Ion Ratio Lower Upper
98 100
100 68.4 52.9 79.3



#64
Chlorobenzene
Concen: 148.492 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 112 Resp: 1377106
Ion Ratio Lower Upper
112 100
114 31.8 23.6 35.4

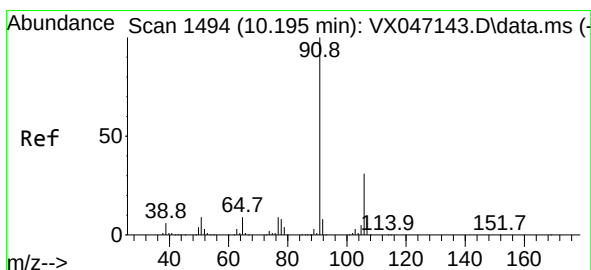
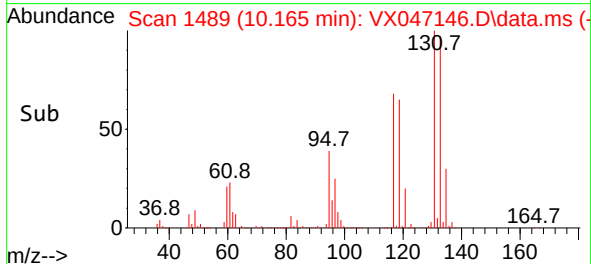
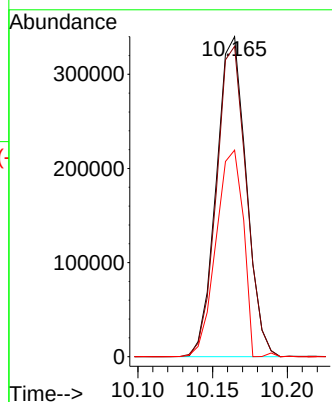
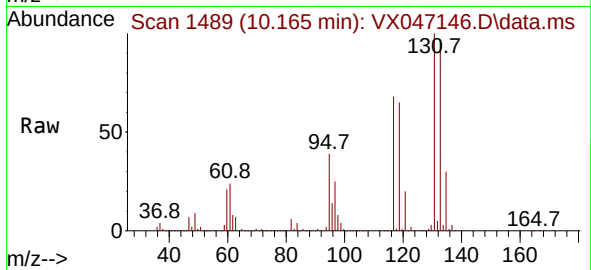




#65
 1,1,1,2-Tetrachloroethane
 Concen: 161.538 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44

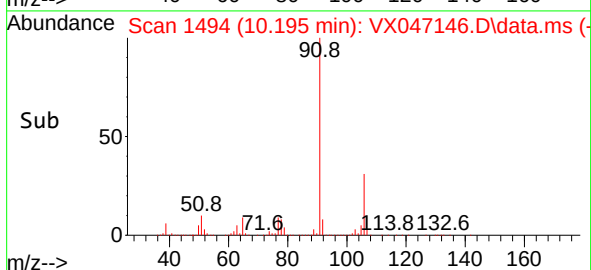
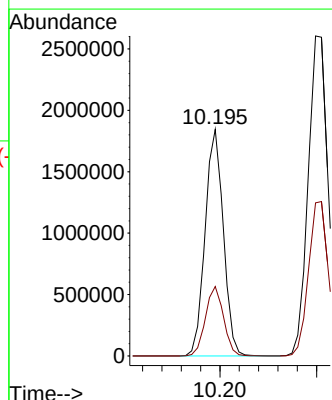
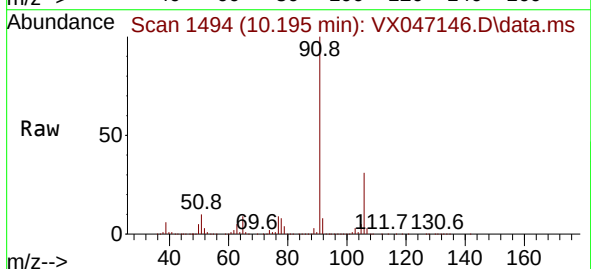
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

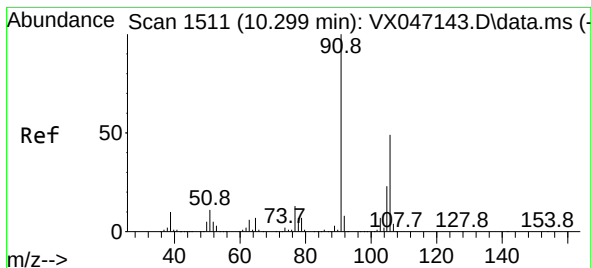
Tgt Ion:131 Resp: 473620
 Ion Ratio Lower Upper
 131 100
 133 96.9 0.0 188.2
 119 58.6 0.0 101.8



#66
 Ethyl Benzene
 Concen: 146.430 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. -0.000 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44

Tgt Ion: 91 Resp: 2423108
 Ion Ratio Lower Upper
 91 100
 106 30.7 25.1 37.7





#67

m/p-Xylenes

Concen: 288.527 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

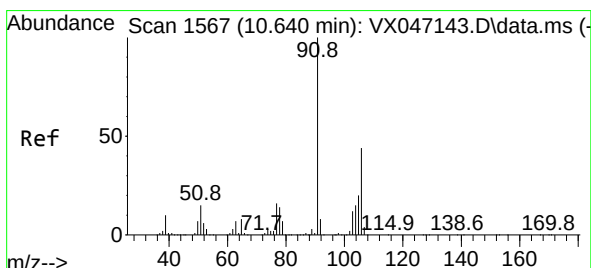
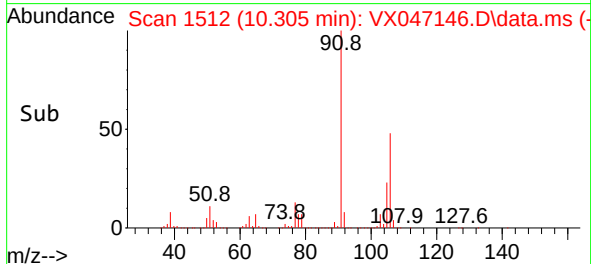
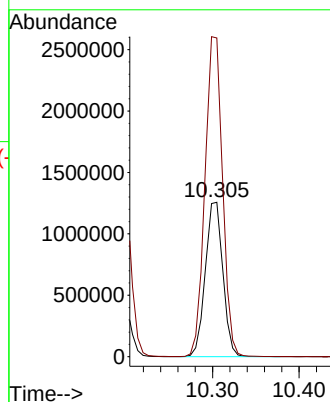
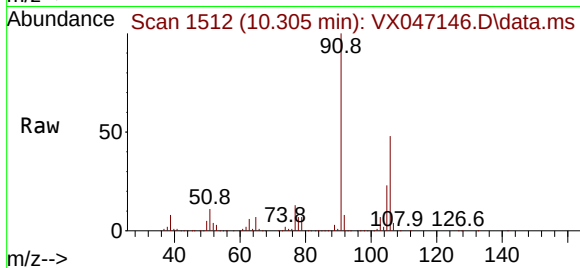
VSTDIC150

Tgt Ion:106 Resp: 1769357

Ion Ratio Lower Upper

106 100

91 208.1 164.4 246.6



#68

o-Xylene

Concen: 146.177 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047146.D

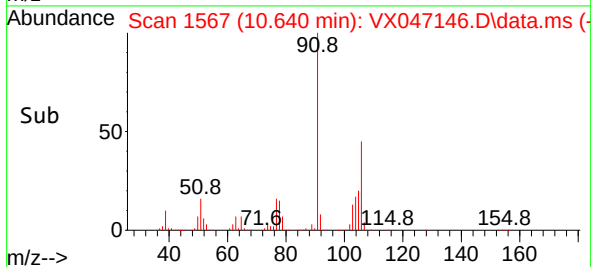
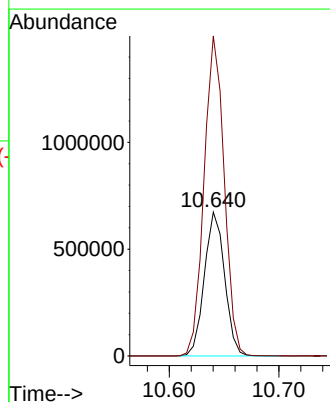
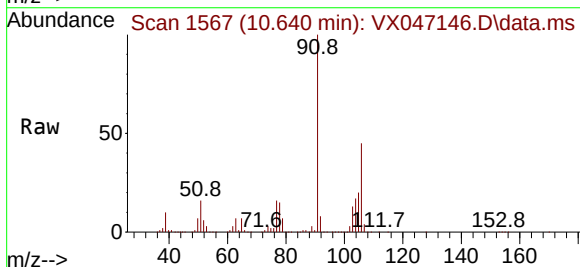
Acq: 25 Jul 2025 16:44

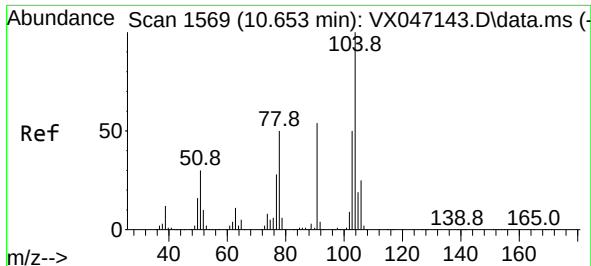
Tgt Ion:106 Resp: 864511

Ion Ratio Lower Upper

106 100

91 220.9 111.3 333.8

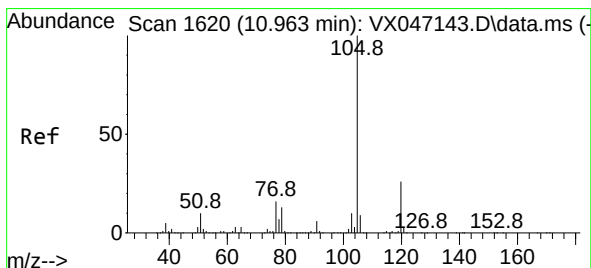
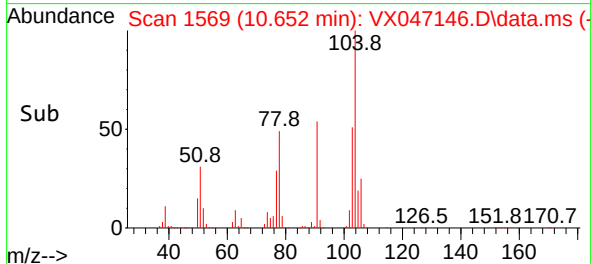
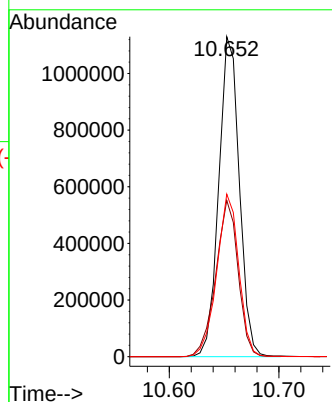
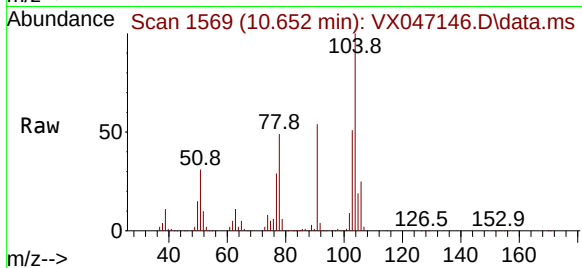




#69
Styrene
Concen: 145.319 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

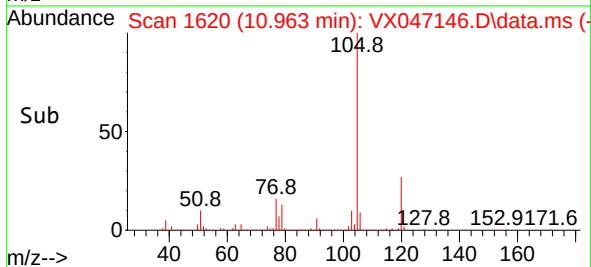
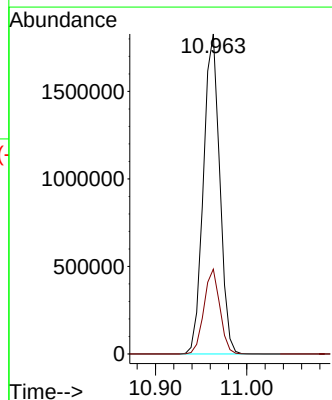
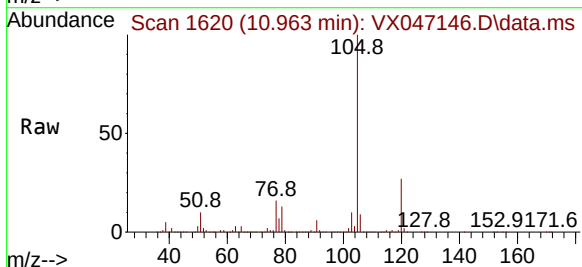
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

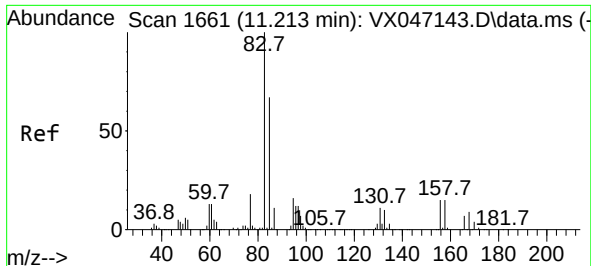
Tgt Ion:104 Resp: 1474021
Ion Ratio Lower Upper
104 100
78 53.2 42.6 63.8
103 54.4 43.5 65.3



#70
Isopropylbenzene
Concen: 144.076 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion:105 Resp: 2269619
Ion Ratio Lower Upper
105 100
120 25.8 17.8 33.0

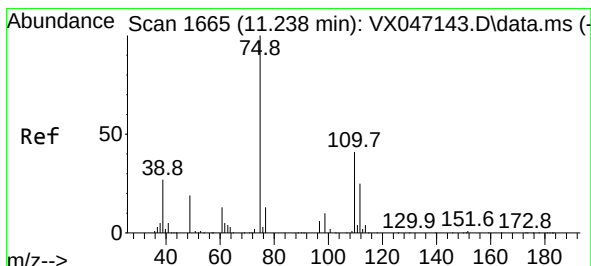
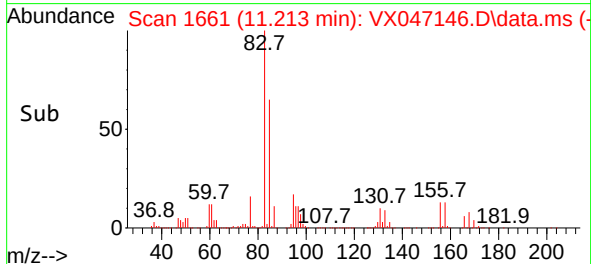
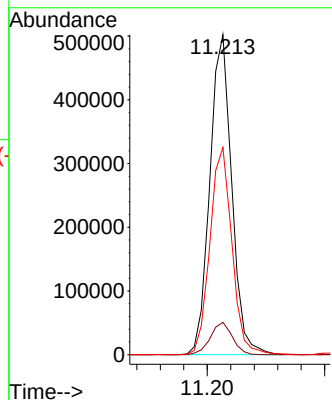
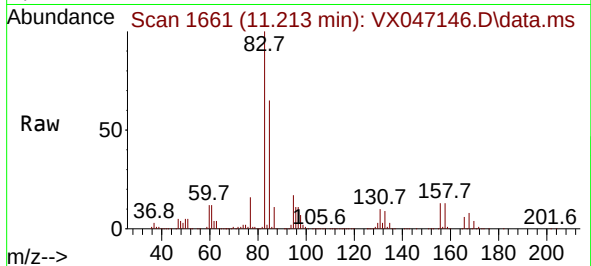




#71
1,1,2,2-Tetrachloroethane
Concen: 139.129 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

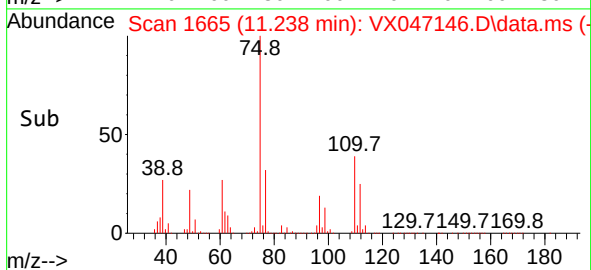
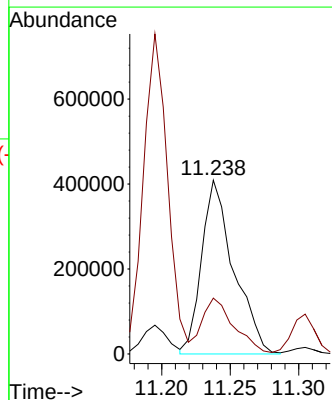
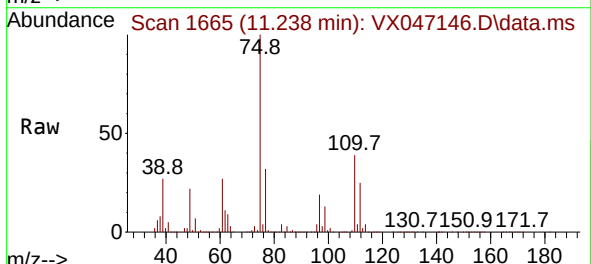
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

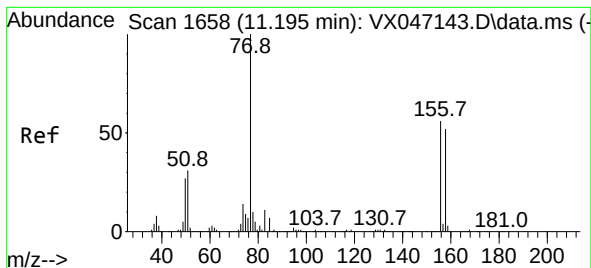
Tgt Ion: 83 Resp: 650206
Ion Ratio Lower Upper
83 100
131 10.2 6.0 18.0
85 65.1 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 185.875 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 75 Resp: 669058
Ion Ratio Lower Upper
75 100
77 32.2 0.0 74.2





#73

Bromobenzene

Concen: 140.960 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

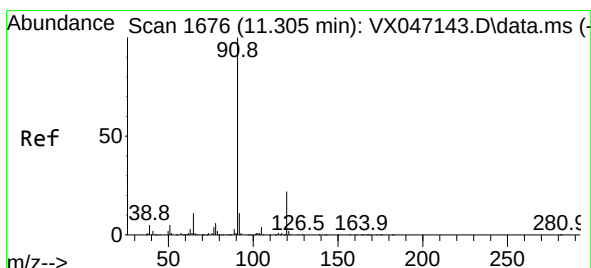
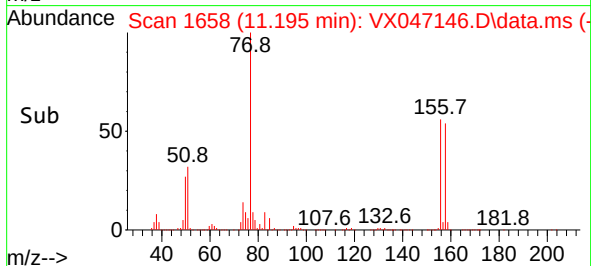
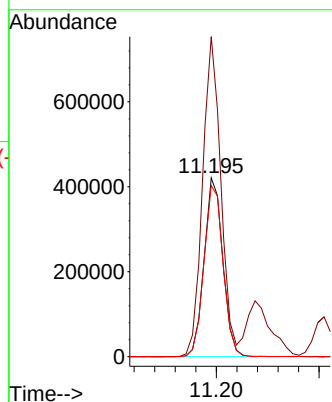
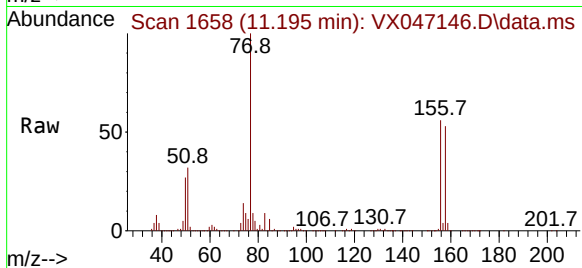
Tgt Ion:156 Resp: 531458

Ion Ratio Lower Upper

156 100

77 174.8 0.0 340.8

158 97.9 0.0 189.0



#74

n-propylbenzene

Concen: 142.587 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX047146.D

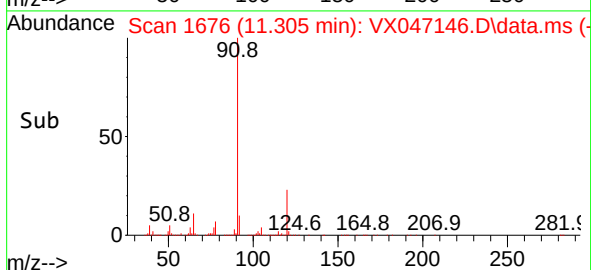
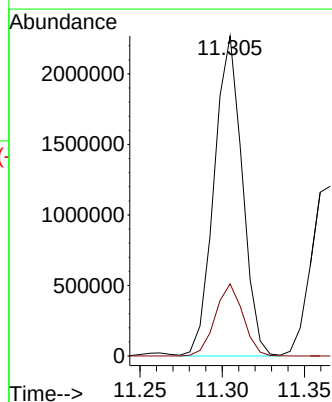
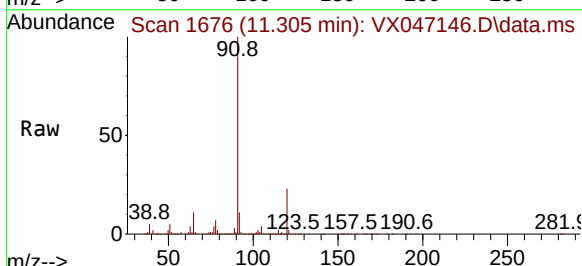
Acq: 25 Jul 2025 16:44

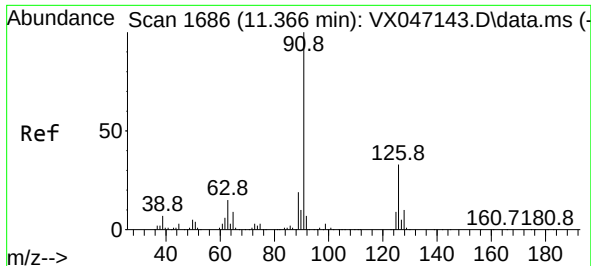
Tgt Ion: 91 Resp: 2696724

Ion Ratio Lower Upper

91 100

120 22.2 0.0 44.4

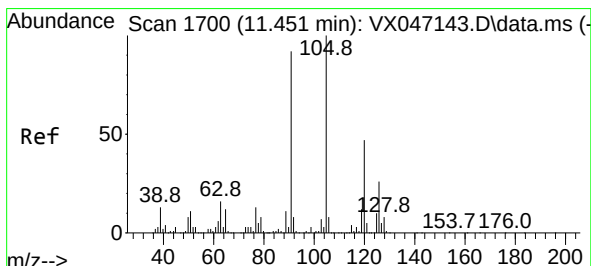
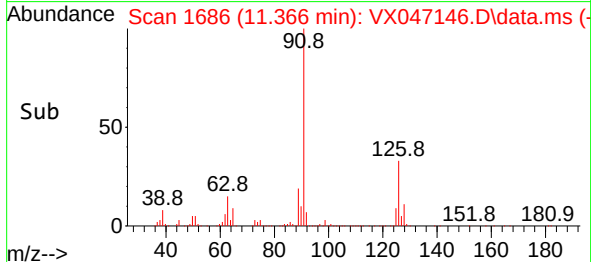
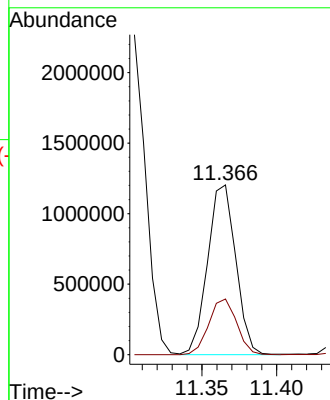
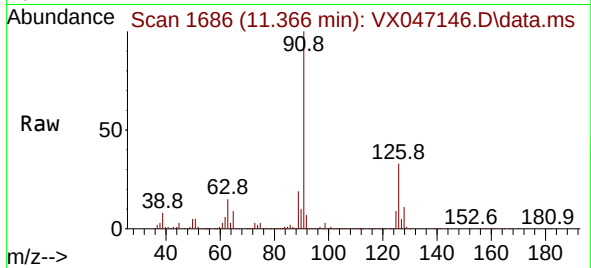




#75
2-Chlorotoluene
Concen: 140.964 ug/l
RT: 11.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

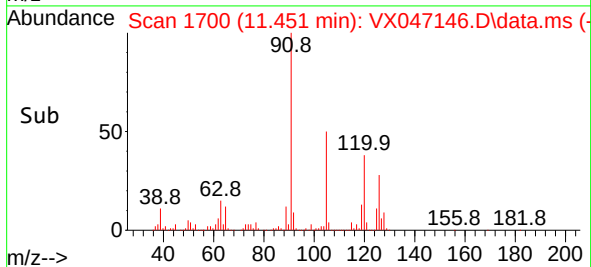
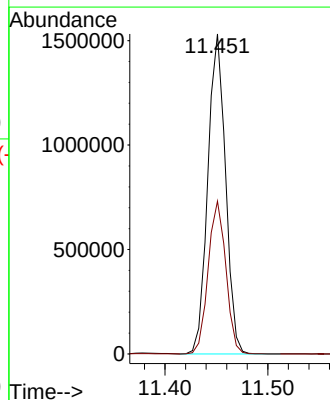
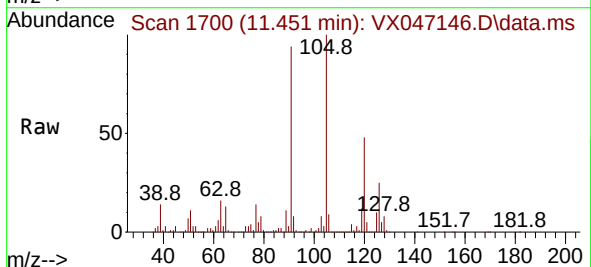
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

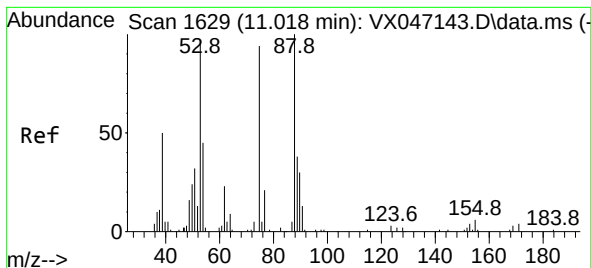
Tgt Ion: 91 Resp: 1577701
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 141.169 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 105 Resp: 1829690
Ion Ratio Lower Upper
105 100
120 47.8 0.0 93.0

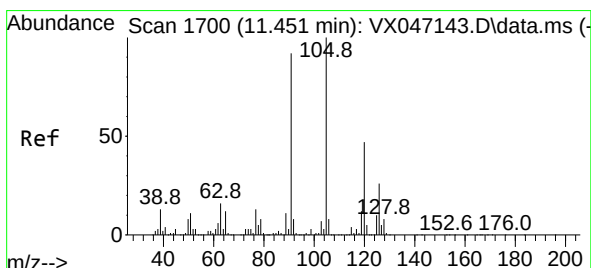
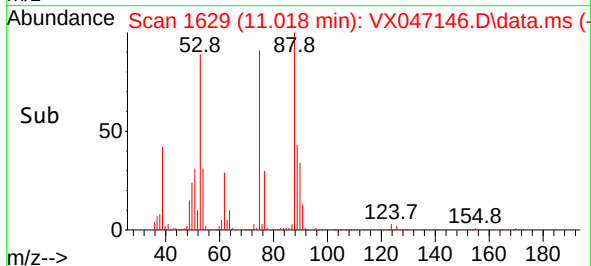
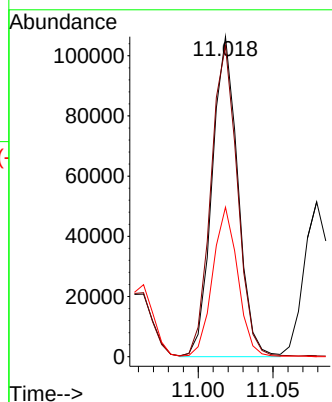
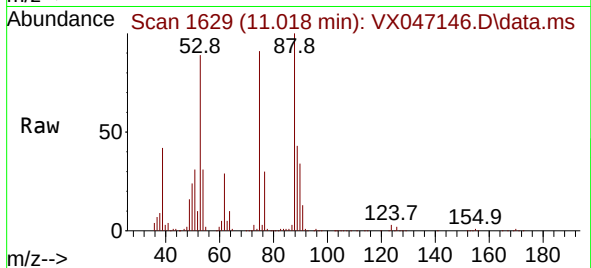




#77
t-1,4-Dichloro-2-butene
Concen: 239.147 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

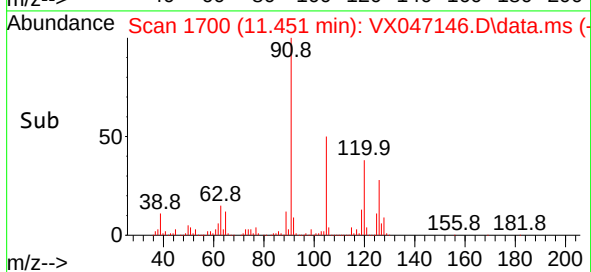
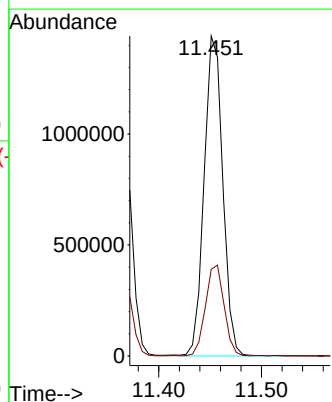
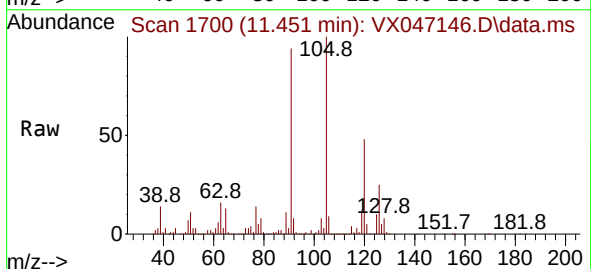
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

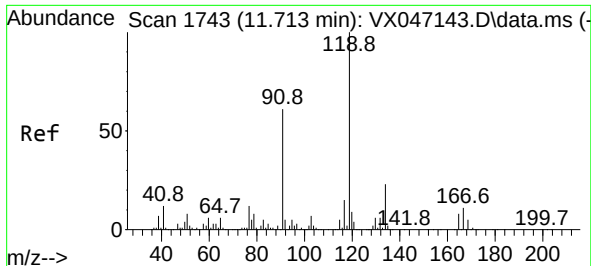
Tgt Ion: 75 Resp: 127382
Ion Ratio Lower Upper
75 100
53 97.0 48.4 145.2
89 46.6 33.8 101.3



#78
4-Chlorotoluene
Concen: 141.063 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 91 Resp: 1820475
Ion Ratio Lower Upper
91 100
126 28.5 0.0 57.2

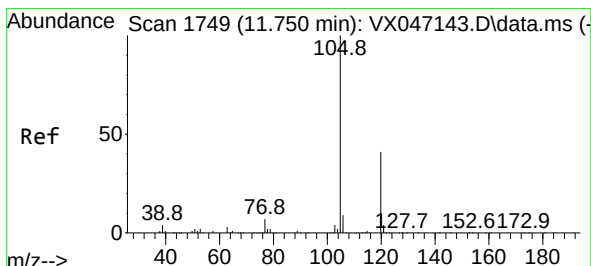
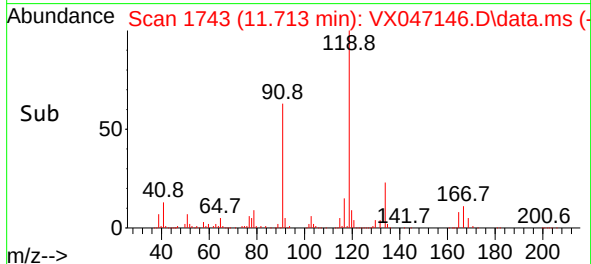
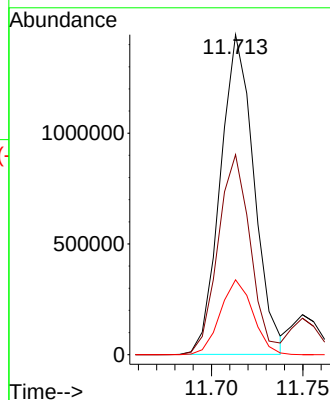
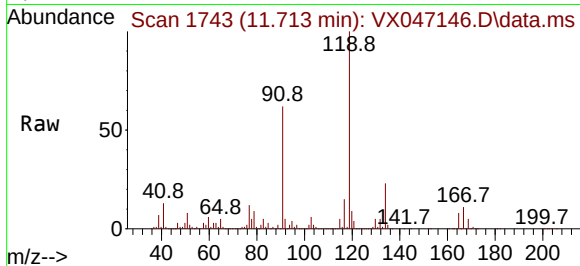




#79
tert-butylbenzene
Concen: 142.777 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

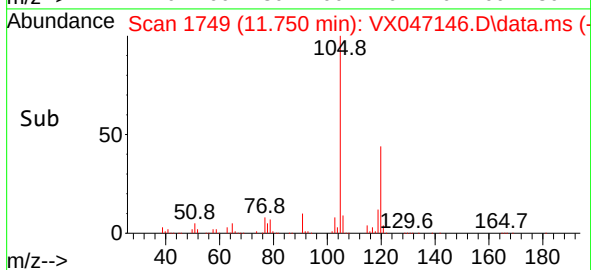
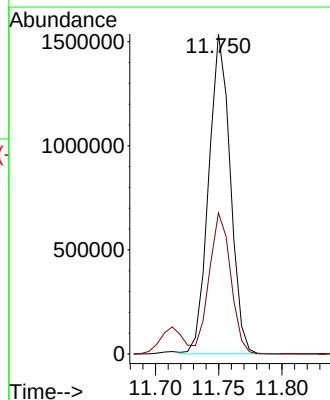
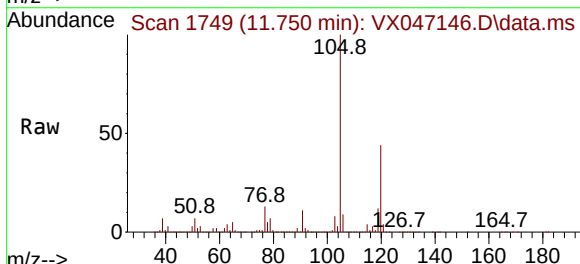
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

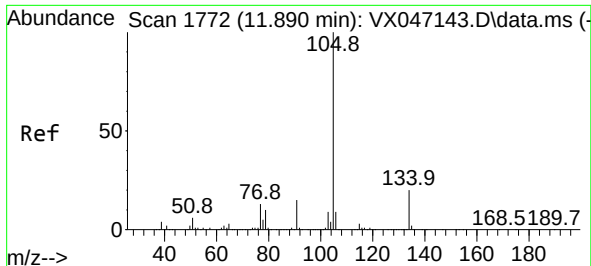
Tgt Ion:119 Resp: 1851940
Ion Ratio Lower Upper
119 100
91 60.5 0.0 120.6
134 22.7 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 141.574 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion:105 Resp: 1820010
Ion Ratio Lower Upper
105 100
120 43.5 0.0 88.6

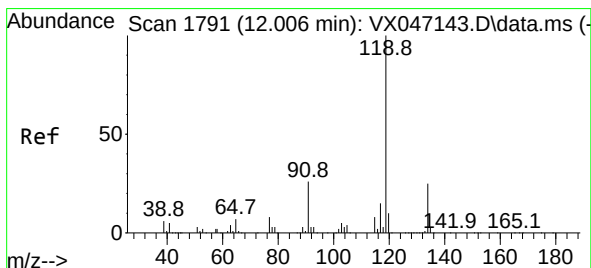
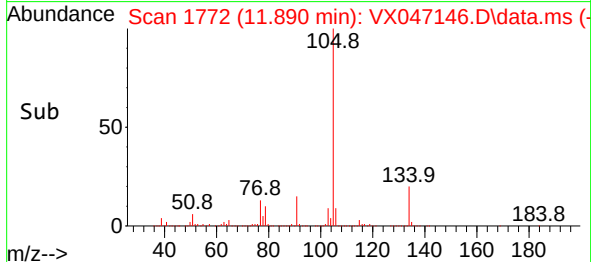
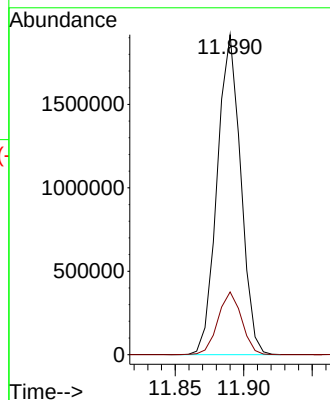
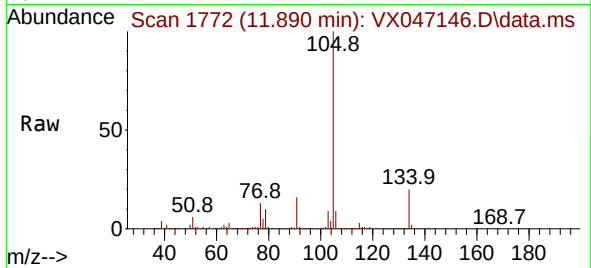




#81
 sec-Butylbenzene
 Concen: 141.515 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44

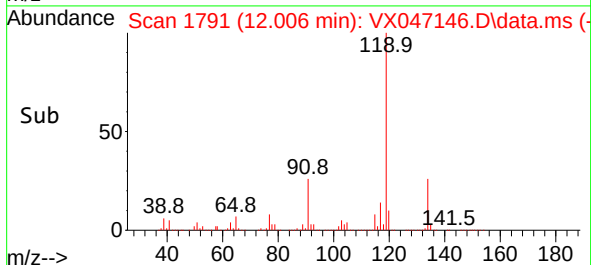
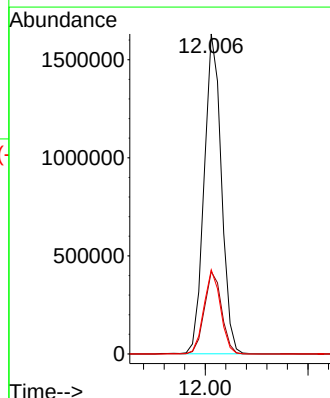
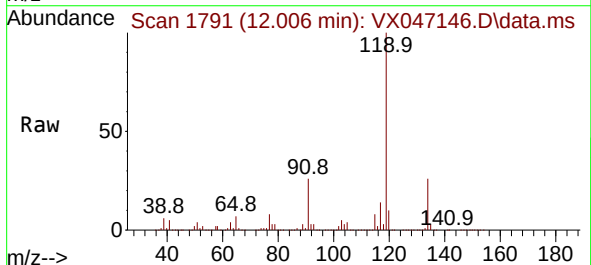
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

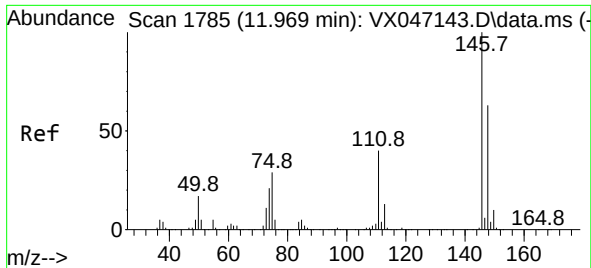
Tgt Ion:105 Resp: 2290815
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 141.100 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44

Tgt Ion:119 Resp: 1897954
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.8
 91 25.3 0.0 51.0

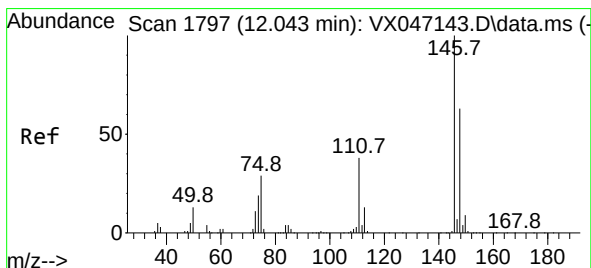
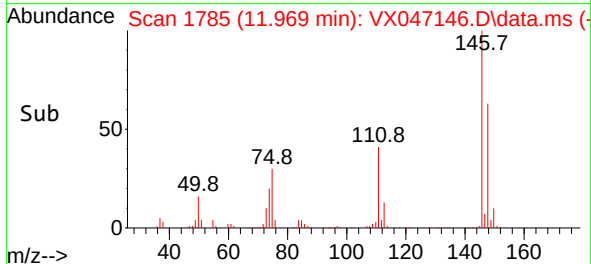
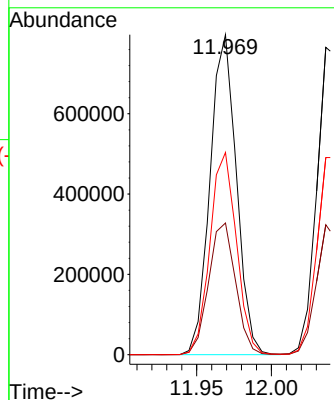
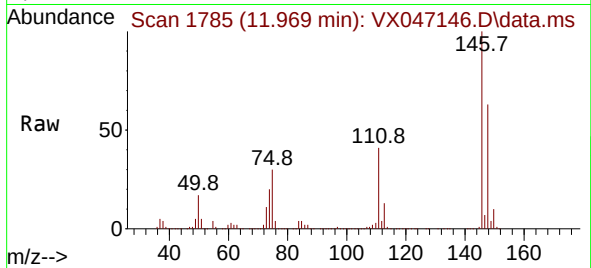




#83
1,3-Dichlorobenzene
Concen: 138.825 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

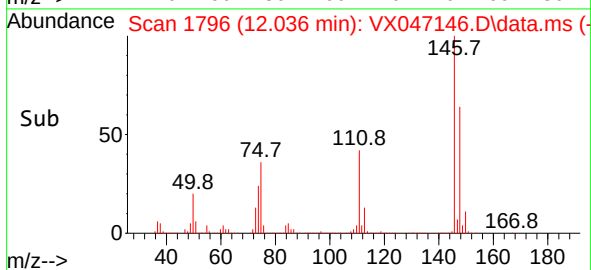
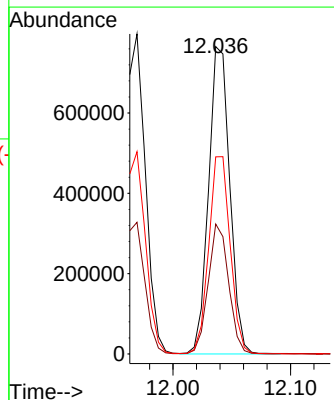
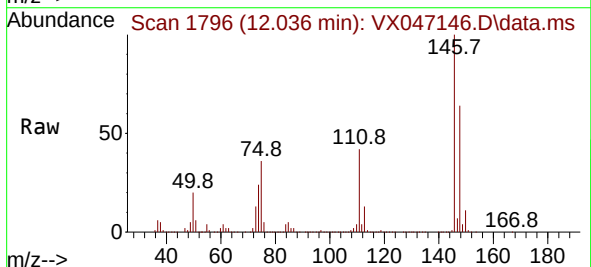
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

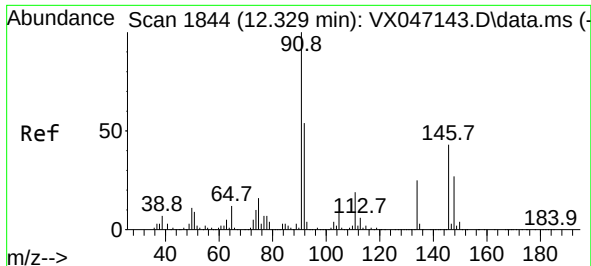
Tgt Ion:146 Resp: 977926
Ion Ratio Lower Upper
146 100
111 42.2 20.7 62.1
148 63.5 31.8 95.3



#84
1,4-Dichlorobenzene
Concen: 137.765 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion:146 Resp: 961809
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 65.1 32.3 96.8

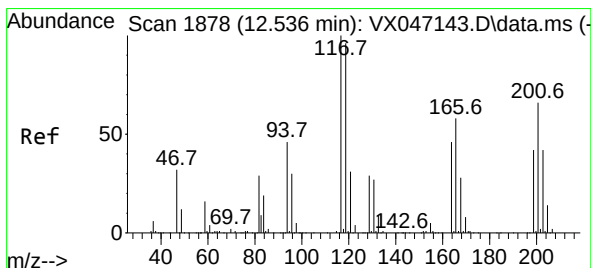
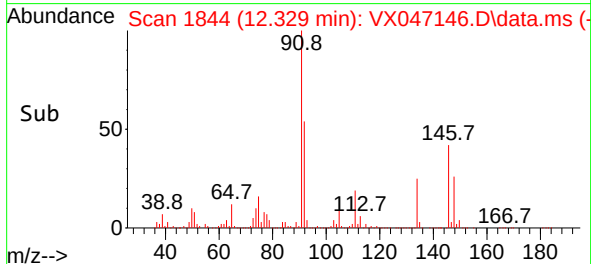
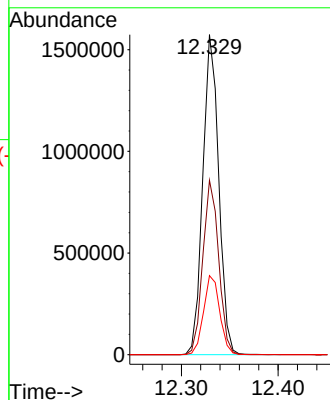
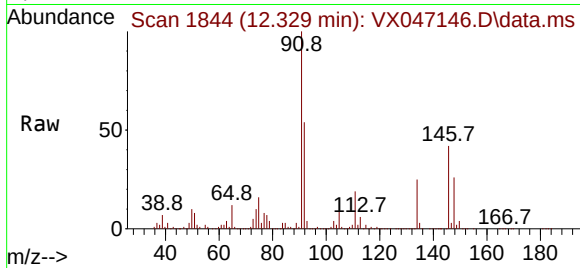




#85
n-Butylbenzene
Concen: 139.763 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

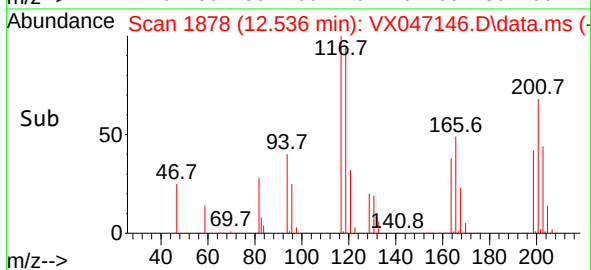
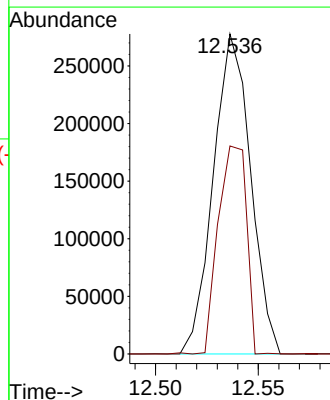
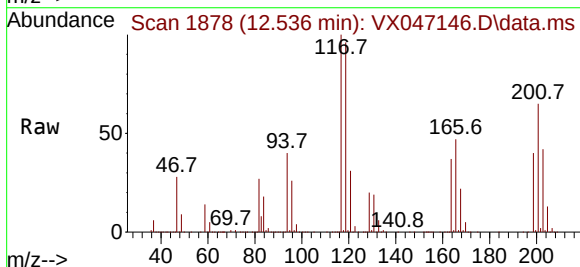
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

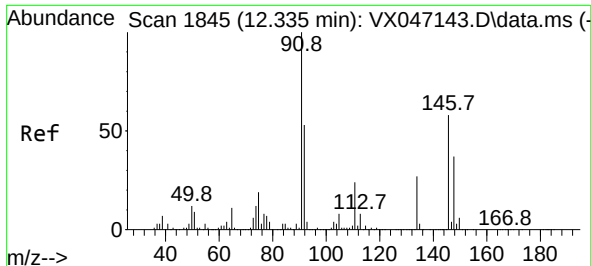
Tgt Ion: 91 Resp: 1804172
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.8
134 25.2 0.0 50.0



#86
Hexachloroethane
Concen: 187.497 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 117 Resp: 350704
Ion Ratio Lower Upper
117 100
201 49.1 0.5 1.5#

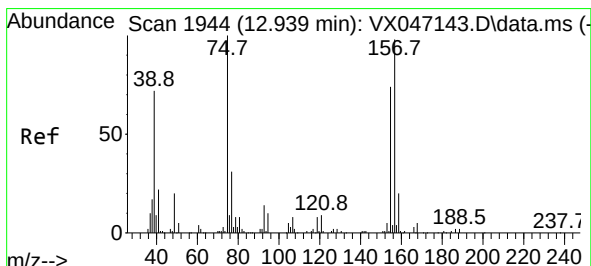
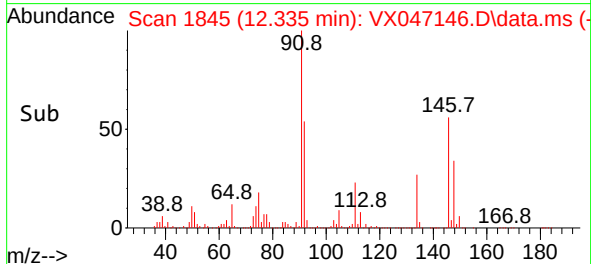
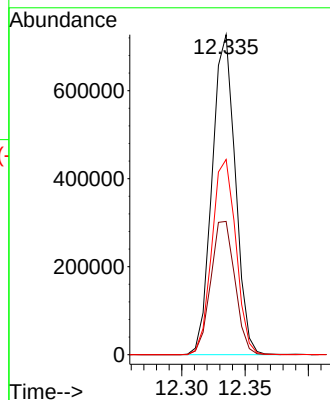
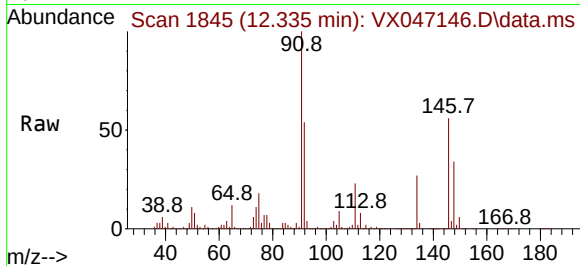




#87
1,2-Dichlorobenzene
Concen: 140.479 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

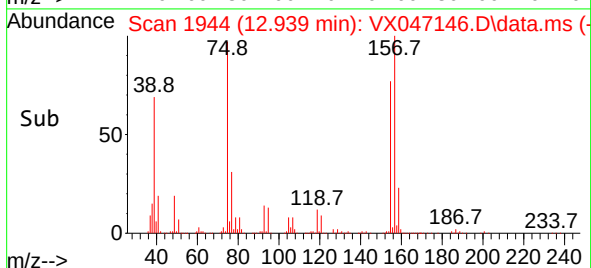
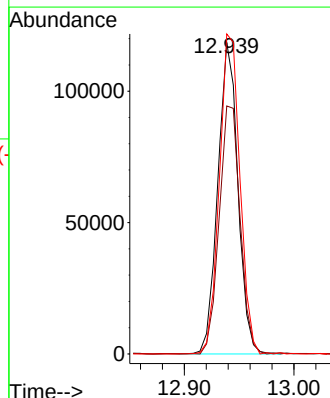
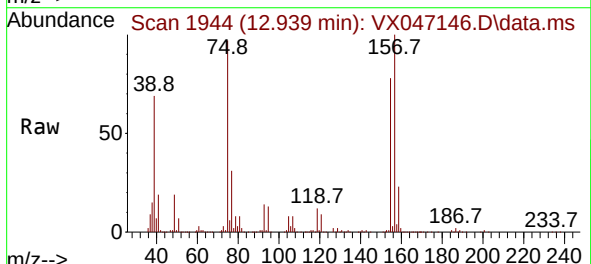
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

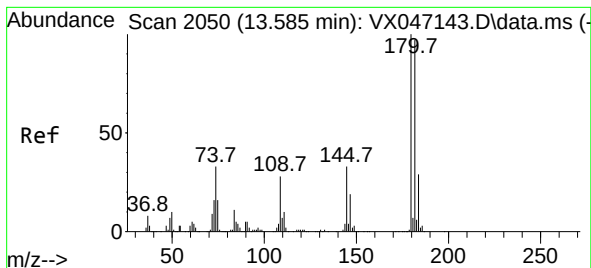
Tgt Ion:146 Resp: 928090
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.3
148 63.1 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 149.346 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 75 Resp: 151099
Ion Ratio Lower Upper
75 100
155 82.9 65.4 98.2
157 105.2 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 141.526 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

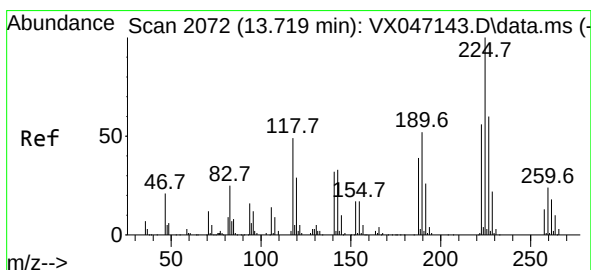
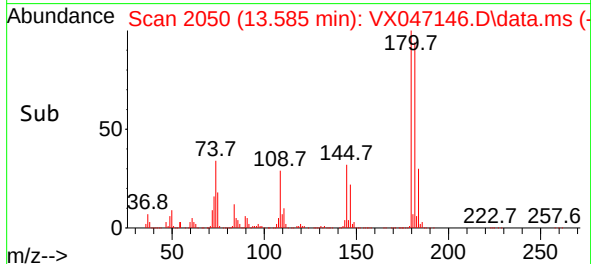
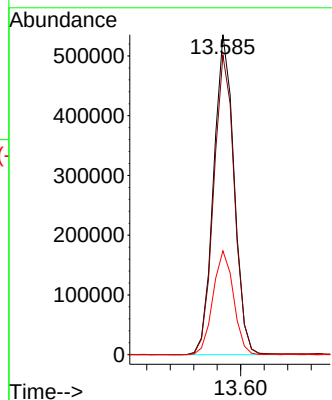
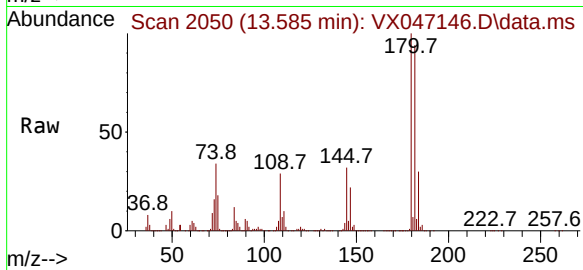
Tgt Ion:180 Resp: 646479

Ion Ratio Lower Upper

180 100

182 94.4 78.2 117.2

145 32.6 26.5 39.7



#90

Hexachlorobutadiene

Concen: 196.179 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

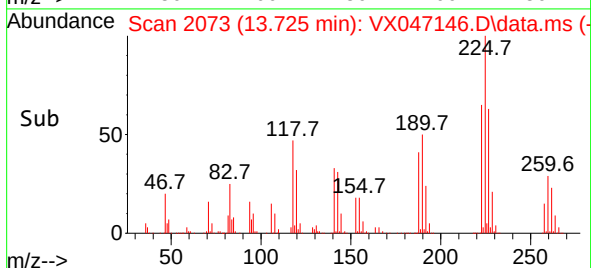
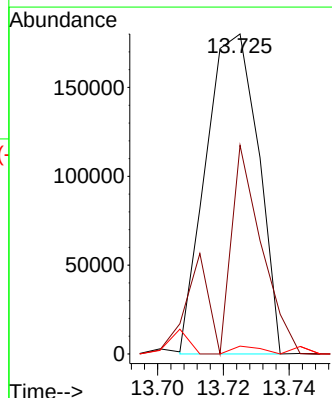
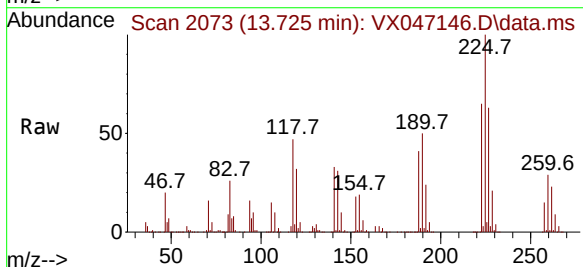
Tgt Ion:225 Resp: 199136

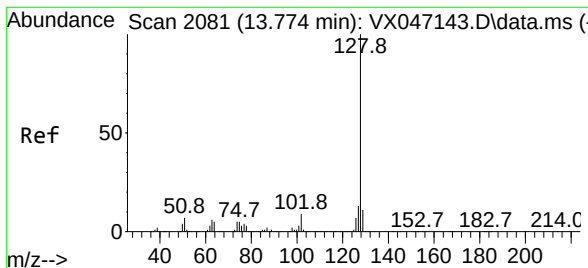
Ion Ratio Lower Upper

225 100

223 37.4 0.0 73.8

227 1.4 0.0 130.6





#91

Naphthalene

Concen: 139.322 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

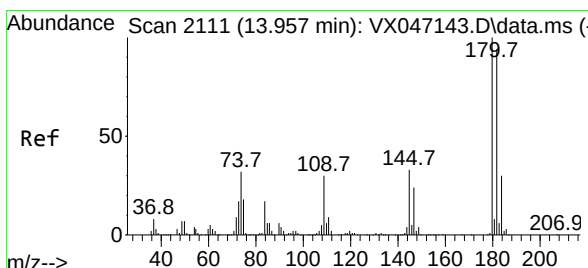
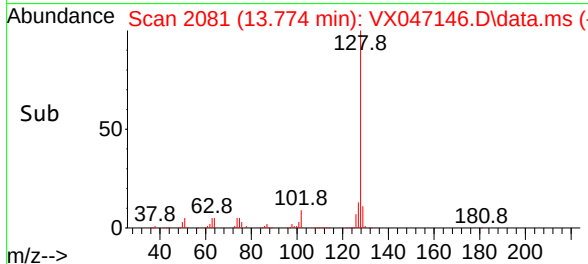
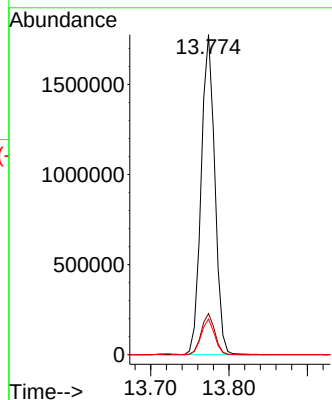
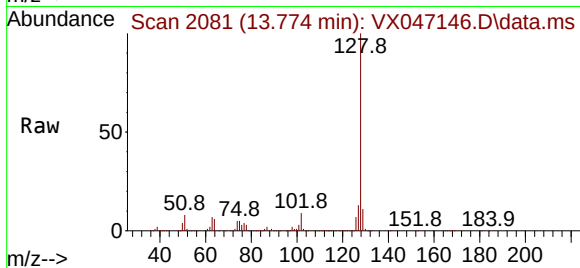
Tgt Ion:128 Resp: 2148241

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 9.0 13.4



#92

1,2,3-Trichlorobenzene

Concen: 142.491 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Tgt Ion:180 Resp: 624555

Ion Ratio Lower Upper

180 100

182 94.1 0.0 189.0

145 35.1 0.0 69.2

