

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202377	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	354638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	324101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156876	55.388	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.780%	
35) Dibromofluoromethane	5.391	113	122046	53.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.060%	
50) Toluene-d8	8.647	98	419479	50.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.079	95	160561	52.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	110755	42.931	ug/l	97
3) Chloromethane	1.313	50	95701	41.236	ug/l	98
4) Vinyl Chloride	1.392	62	127745	43.854	ug/l	96
5) Bromomethane	1.624	94	50511	42.930	ug/l	100
6) Chloroethane	1.703	64	81422	45.685	ug/l	99
7) Trichlorofluoromethane	1.904	101	186994	43.399	ug/l	99
8) Diethyl Ether	2.142	74	78847	51.970	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	113344	45.348	ug/l	98
10) Methyl Iodide	2.465	142	161545	37.716	ug/l	99
11) Tert butyl alcohol	2.959	59	69422	281.749	ug/l	100
12) 1,1-Dichloroethene	2.337	96	112343	44.089	ug/l	99
13) Acrolein	2.245	56	135030	259.607	ug/l	98
14) Allyl chloride	2.678	41	218245	49.313	ug/l	98
15) Acrylonitrile	3.081	53	313610	263.398	ug/l	99
16) Acetone	2.386	43	285280	267.964	ug/l	99
17) Carbon Disulfide	2.526	76	325641	42.351	ug/l	100
18) Methyl Acetate	2.709	43	159856	57.943	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	413165	53.300	ug/l	98
20) Methylene Chloride	2.800	84	139844	49.606	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	127129	47.007	ug/l	100
22) Diisopropyl ether	3.769	45	472502	54.011	ug/l	97
23) Vinyl Acetate	3.727	43	1915183	267.095	ug/l	99
24) 1,1-Dichloroethane	3.623	63	245050	49.558	ug/l	98
25) 2-Butanone	4.562	43	388898	278.919	ug/l	97
26) 2,2-Dichloropropane	4.483	77	180865	48.462	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	157104	49.875	ug/l	97
28) Bromochloromethane	4.903	49	122494	59.532	ug/l	100
29) Tetrahydrofuran	5.013	42	231797	257.210	ug/l	99
30) Chloroform	5.099	83	254837	50.499	ug/l	100
31) Cyclohexane	5.477	56	194217	42.608	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	202843	46.699	ug/l	99
36) 1,1-Dichloropropene	5.696	75	161908	44.562	ug/l	99
37) Ethyl Acetate	4.714	43	166297	44.088	ug/l	97
38) Carbon Tetrachloride	5.684	117	174249	43.887	ug/l	98
39) Methylcyclohexane	7.379	83	191087	42.164	ug/l	94
40) Benzene	6.043	78	517963	47.628	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	79394	49.915	ug/l	95
42) 1,2-Dichloroethane	6.092	62	193834	50.319	ug/l	99
43) Isopropyl Acetate	6.342	43	276273	50.985	ug/l	100
44) Trichloroethene	7.129	130	125639	45.119	ug/l	96
45) 1,2-Dichloropropane	7.433	63	136102	49.956	ug/l	99
46) Dibromomethane	7.580	93	100509	50.815	ug/l	96
47) Bromodichloromethane	7.824	83	209501	51.092	ug/l	100
48) Methyl methacrylate	7.690	41	145500	51.731	ug/l	99
49) 1,4-Dioxane	7.683	88	30467	1114.267	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	798993	256.232	ug/l	99
52) Toluene	8.714	92	322875	48.047	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	190463	53.221	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	210731	52.024	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	131207	51.424	ug/l	97
56) Ethyl methacrylate	9.116	69	196701	52.290	ug/l	99
57) 1,3-Dichloropropane	9.305	76	222481	51.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	457939	254.774	ug/l	98
59) 2-Hexanone	9.427	43	544688	252.526	ug/l	99
60) Dibromochloromethane	9.518	129	153592	50.654	ug/l	99
61) 1,2-Dibromoethane	9.610	107	133672	50.806	ug/l	98
64) Tetrachloroethene	9.275	164	103941	44.338	ug/l	99
65) Chlorobenzene	10.079	112	362411	47.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	127301	48.895	ug/l	100
67) Ethyl Benzene	10.189	91	613672	46.294	ug/l	99
68) m/p-Xylenes	10.299	106	465601	94.196	ug/l	100
69) o-Xylene	10.640	106	224870	47.274	ug/l	99
70) Styrene	10.652	104	399566	49.714	ug/l	99
71) Bromoform	10.799	173	99174	50.704	ug/l #	98
73) Isopropylbenzene	10.957	105	572656	44.928	ug/l	99
74) N-amyl acetate	10.841	43	236728	48.909	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	182217	48.691	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	165702	55.468	ug/l	91
77) Bromobenzene	11.195	156	146540	47.082	ug/l	100
78) n-propylbenzene	11.299	91	687439	45.159	ug/l	100
79) 2-Chlorotoluene	11.360	91	415839	45.189	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	484384	46.188	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27258	41.288	ug/l	100
82) 4-Chlorotoluene	11.451	91	496085	45.733	ug/l	100
83) tert-Butylbenzene	11.713	119	482449	46.111	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	488939	46.621	ug/l	99
85) sec-Butylbenzene	11.890	105	588223	45.359	ug/l	100
86) p-Isopropyltoluene	12.006	119	499743	45.540	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	272218	45.782	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	273935	44.794	ug/l	99
89) n-Butylbenzene	12.329	91	471493	46.193	ug/l	99
90) Hexachloroethane	12.536	117	84225	43.750	ug/l	96
91) 1,2-Dichlorobenzene	12.329	146	262651	46.538	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34717	47.970	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	177352	46.875	ug/l	99
94) Hexachlorobutadiene	13.719	225	63133	46.878	ug/l	99
95) Naphthalene	13.774	128	539890	49.933	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	169441	47.511	ug/l	99

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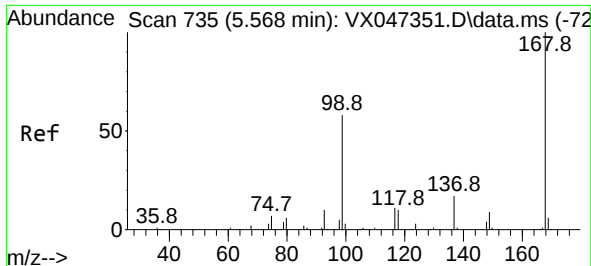
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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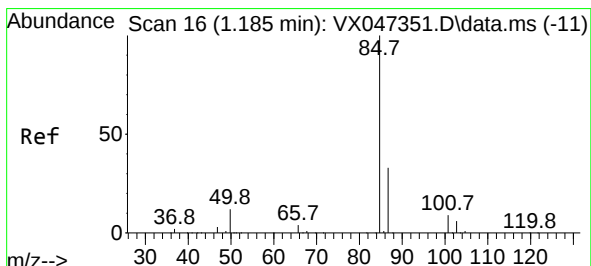
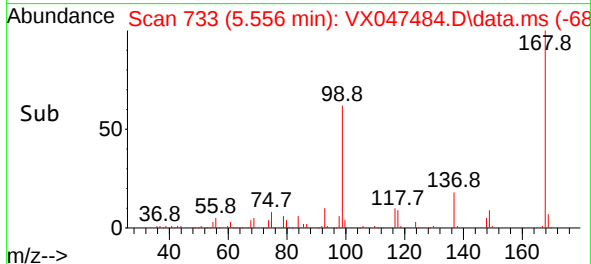
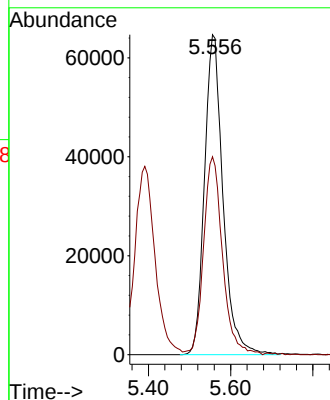
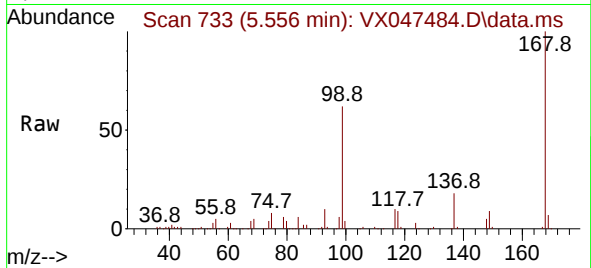




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047484.D
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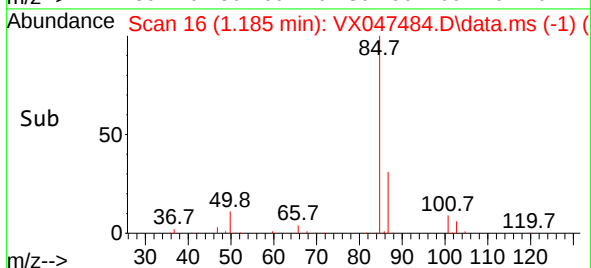
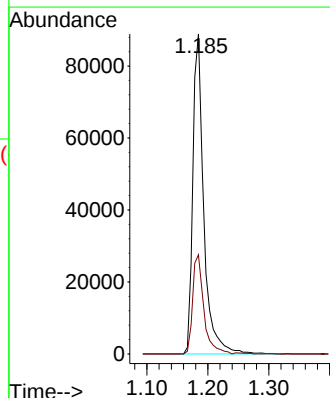
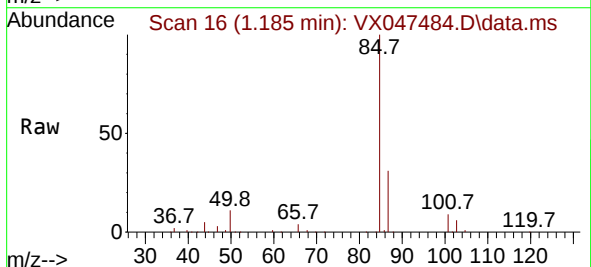
Instrument :
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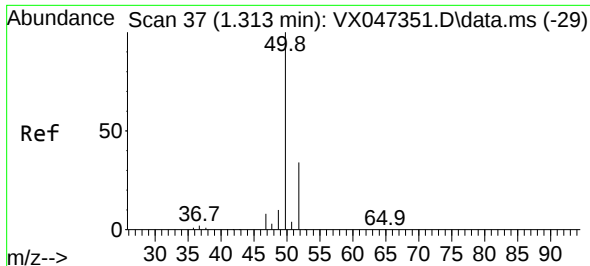
Tgt Ion:168 Resp: 202377
Ion Ratio Lower Upper
168 100
99 61.6 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 42.931 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 85 Resp: 110755
Ion Ratio Lower Upper
85 100
87 31.0 16.4 49.1

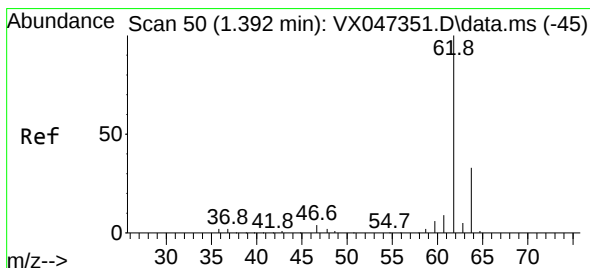
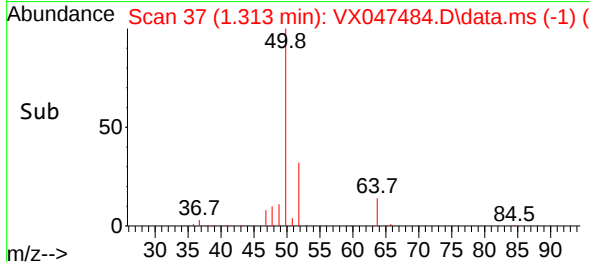
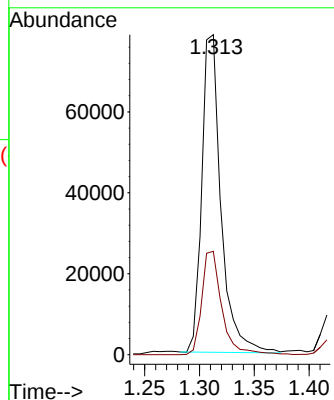
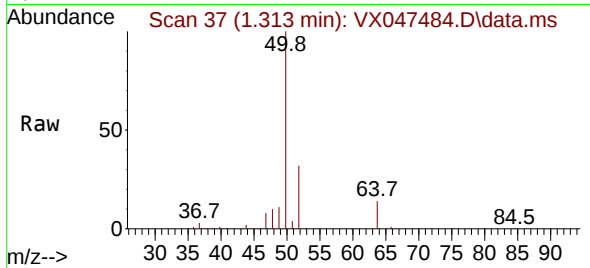




#3
Chloromethane
Concen: 41.236 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

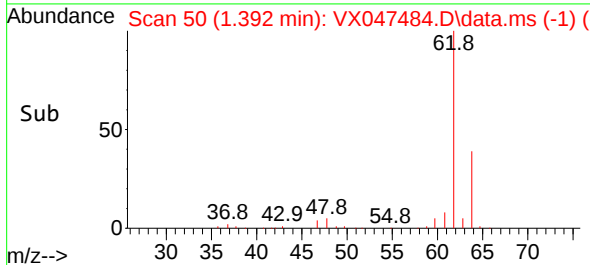
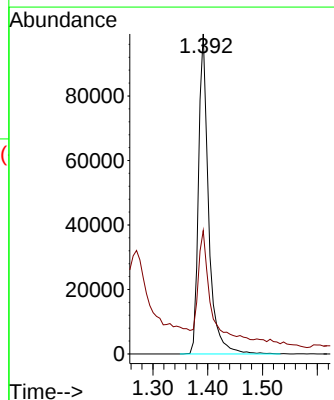
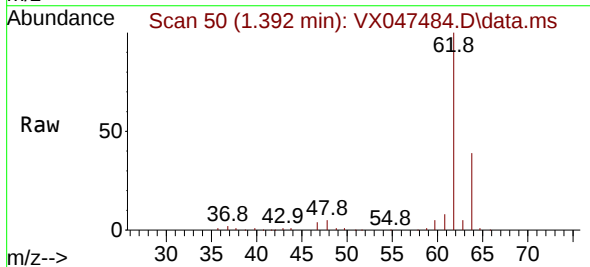
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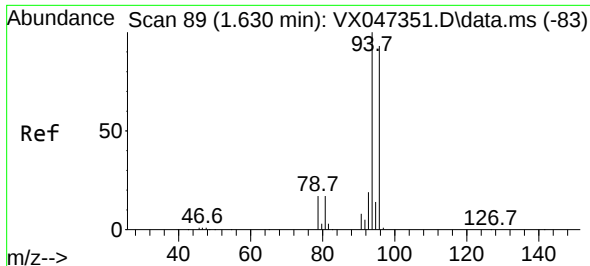
Tgt Ion: 50 Resp: 95701
Ion Ratio Lower Upper
50 100
52 32.6 27.0 40.4



#4
Vinyl Chloride
Concen: 43.854 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 62 Resp: 127745
Ion Ratio Lower Upper
62 100
64 35.2 26.5 39.7

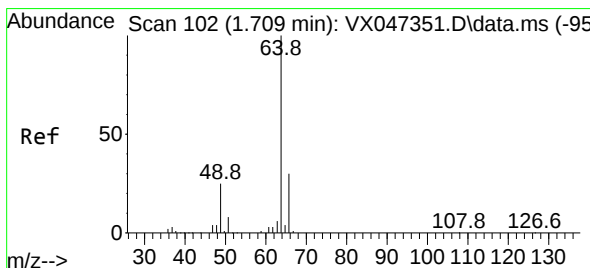
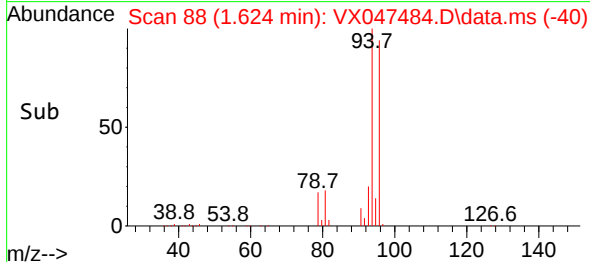
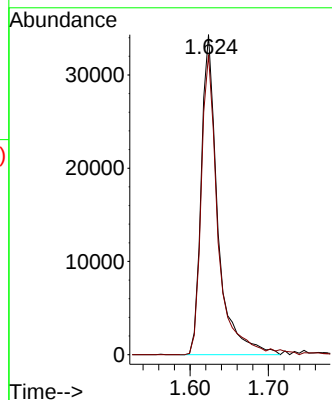
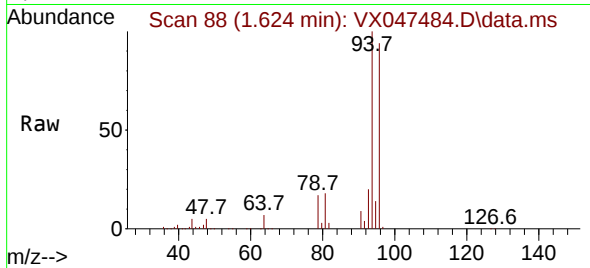




#5
Bromomethane
Concen: 42.930 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

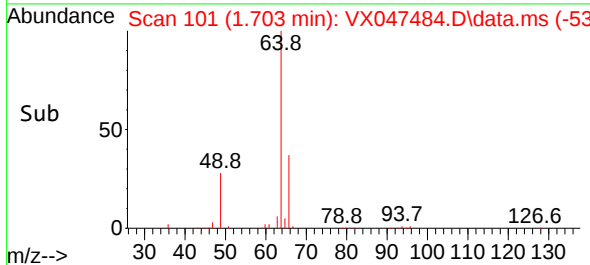
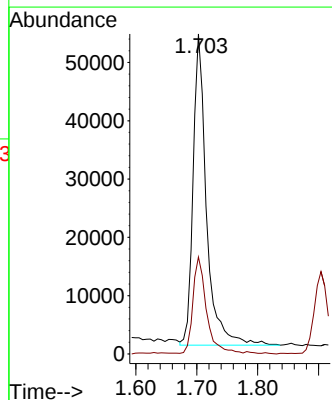
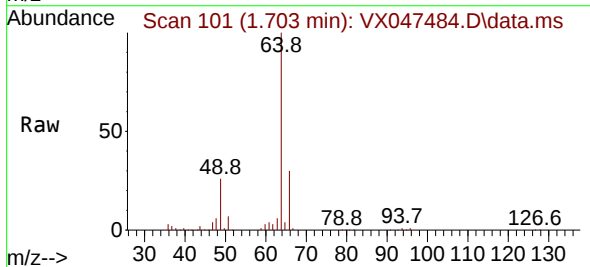
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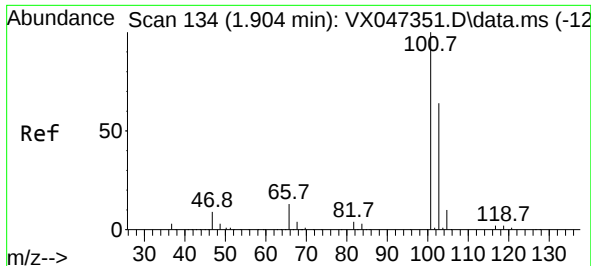
Tgt Ion: 94 Resp: 50511
Ion Ratio Lower Upper
94 100
96 93.8 74.7 112.1



#6
Chloroethane
Concen: 45.685 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 64 Resp: 81422
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6

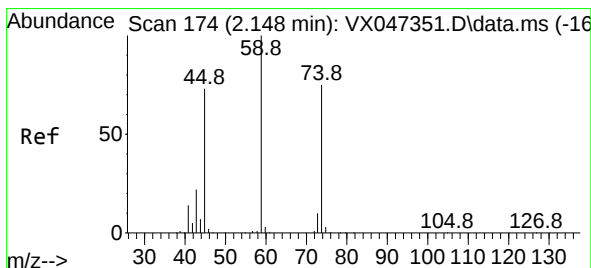
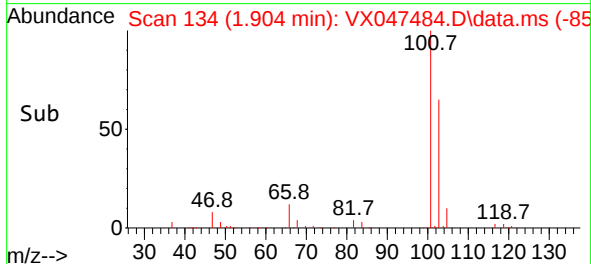
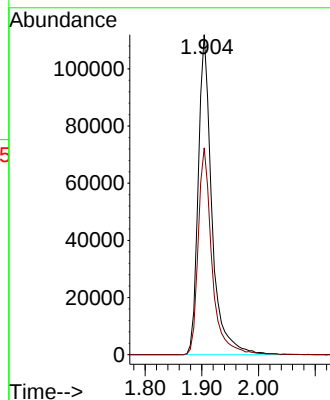
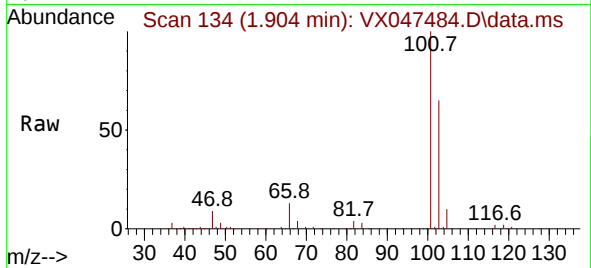




#7
 Trichlorofluoromethane
 Concen: 43.399 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

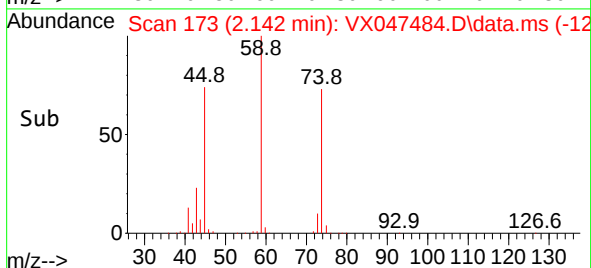
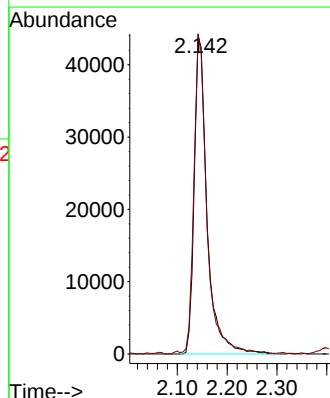
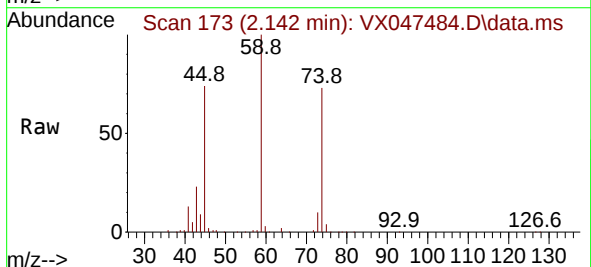
Instrument :
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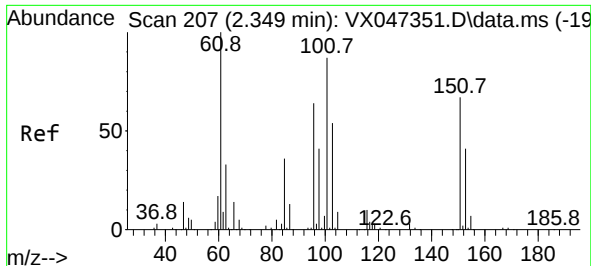
Tgt Ion:101 Resp: 186994
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.9 76.3



#8
 Diethyl Ether
 Concen: 51.970 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

Tgt Ion: 74 Resp: 78847
 Ion Ratio Lower Upper
 74 100
 45 101.8 51.3 154.0

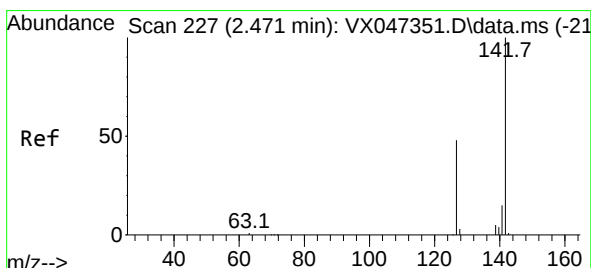
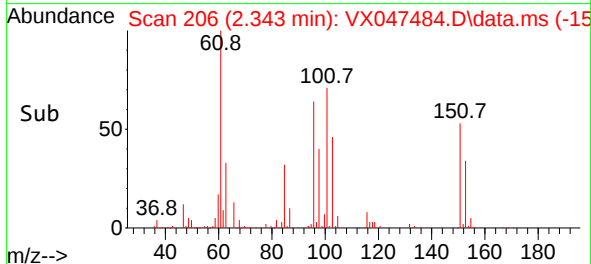
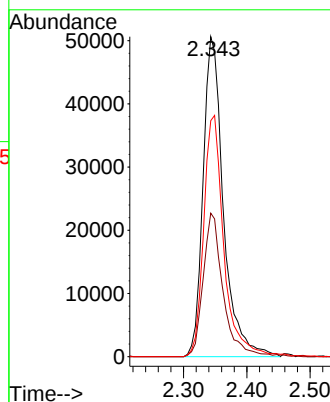
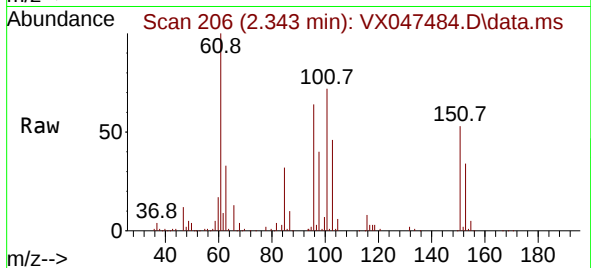




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.348 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

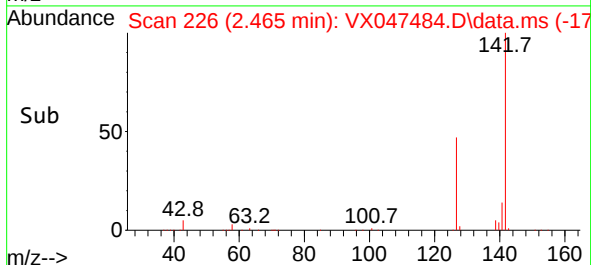
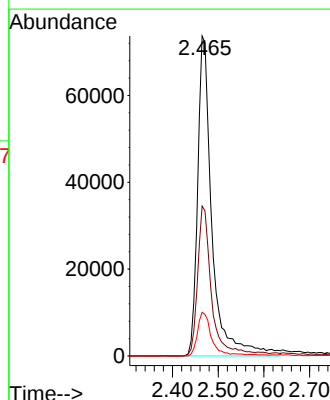
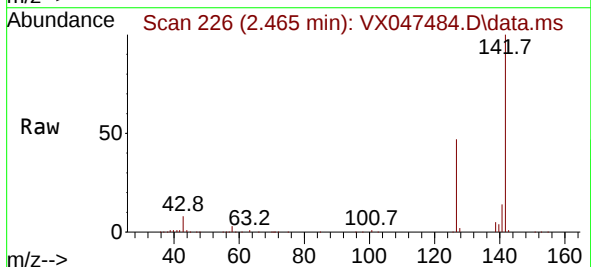
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

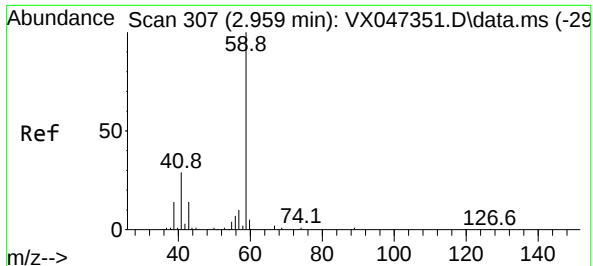
Tgt Ion:101 Resp: 113344
Ion Ratio Lower Upper
101 100
85 44.2 34.3 51.5
151 75.1 59.2 88.8



#10
Methyl Iodide
Concen: 37.716 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:142 Resp: 161545
Ion Ratio Lower Upper
142 100
127 44.9 36.1 54.1
141 13.3 11.1 16.7

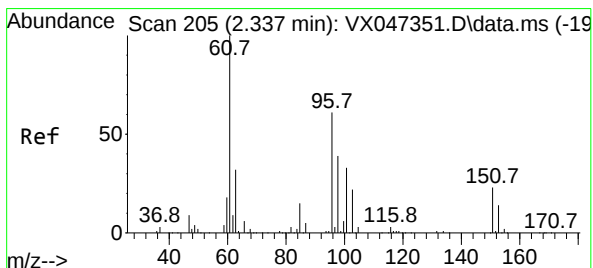
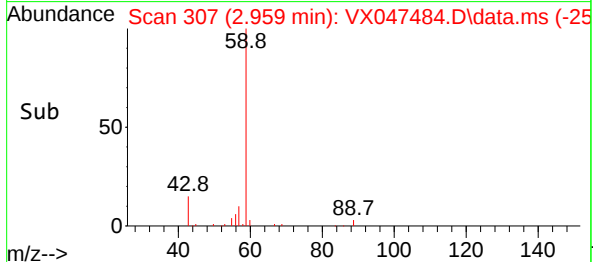
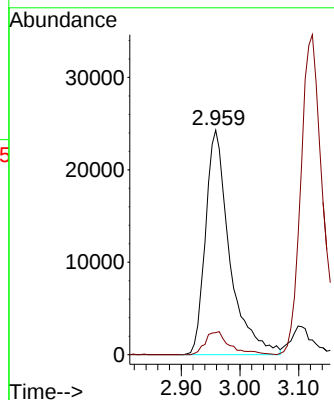
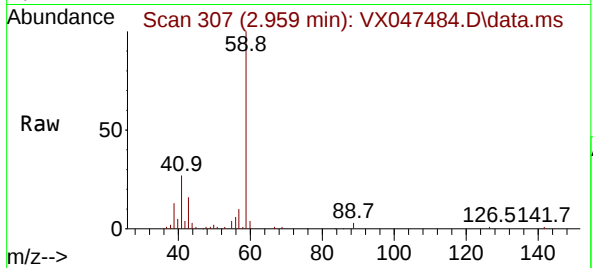




#11
Tert butyl alcohol
Concen: 281.749 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

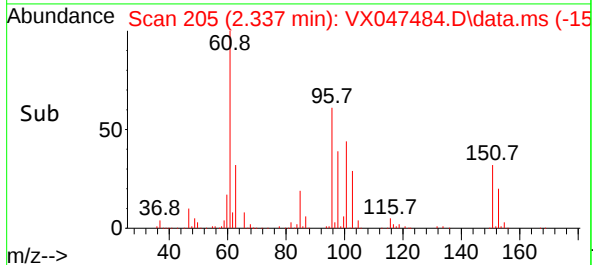
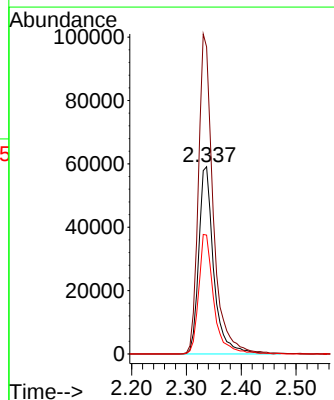
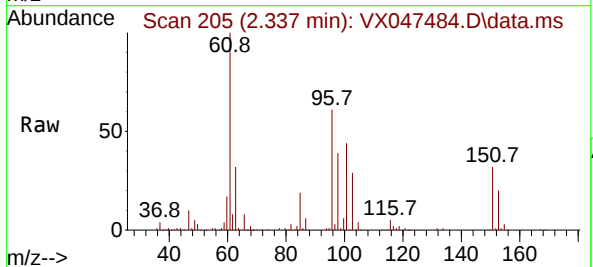
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

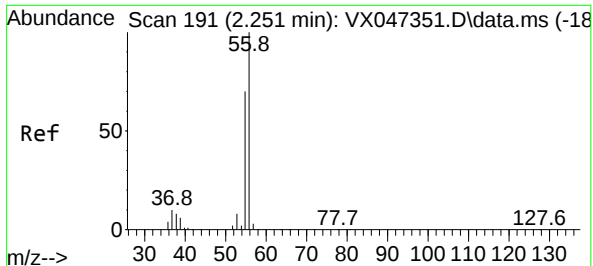
Tgt Ion: 59 Resp: 69422
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.089 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 96 Resp: 112343
Ion Ratio Lower Upper
96 100
61 164.0 132.2 198.2
98 63.5 51.2 76.8

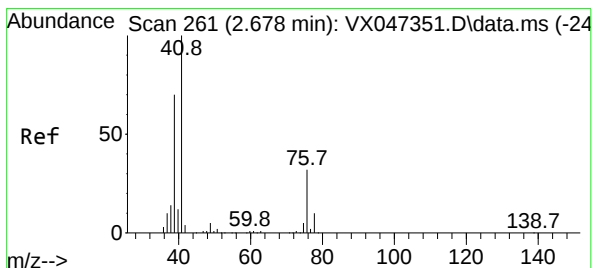
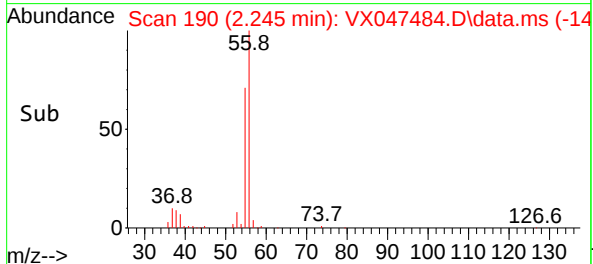
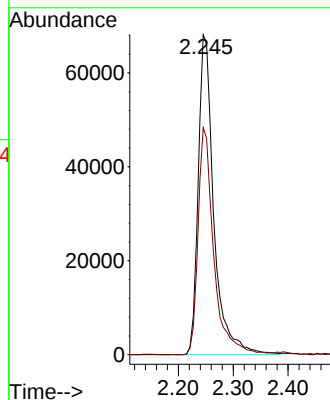
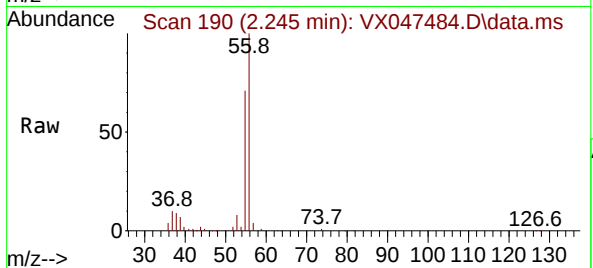




#13
Acrolein
Concen: 259.607 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

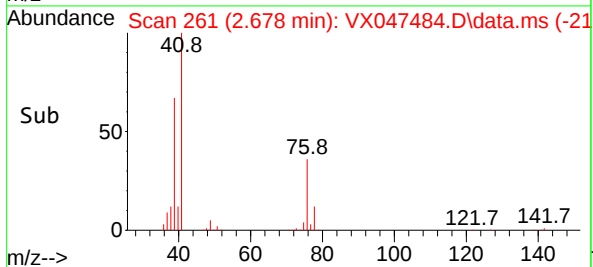
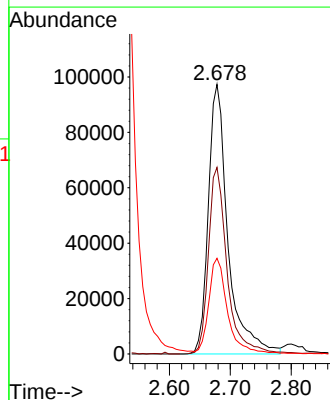
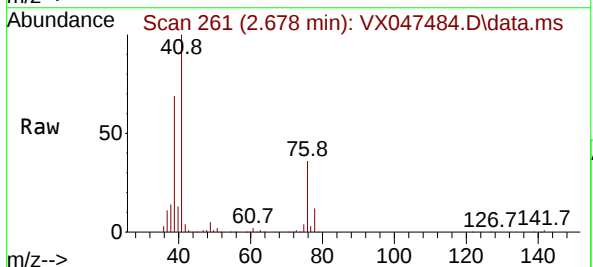
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

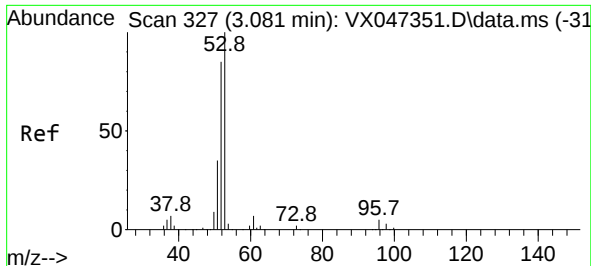
Tgt Ion: 56 Resp: 135030
Ion Ratio Lower Upper
56 100
55 71.4 55.5 83.3



#14
Allyl chloride
Concen: 49.313 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 41 Resp: 218245
Ion Ratio Lower Upper
41 100
39 65.9 54.6 81.8
76 33.8 27.6 41.4

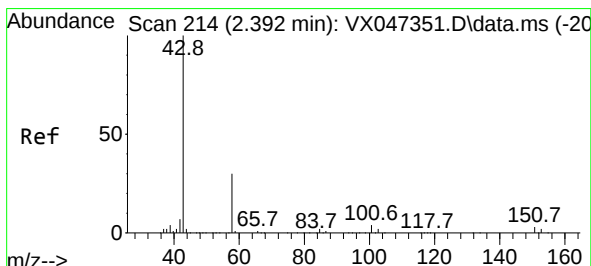
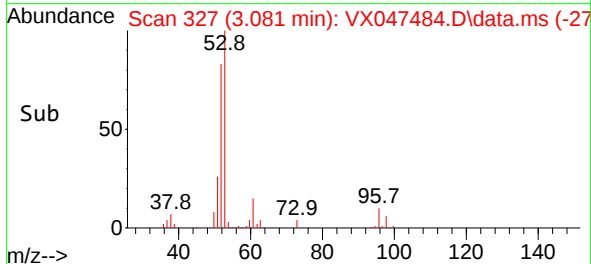
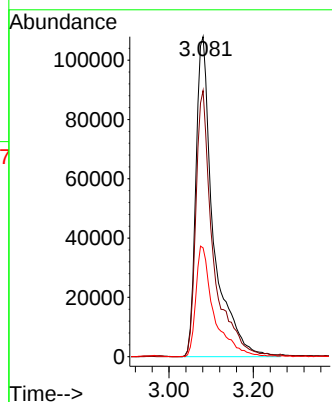
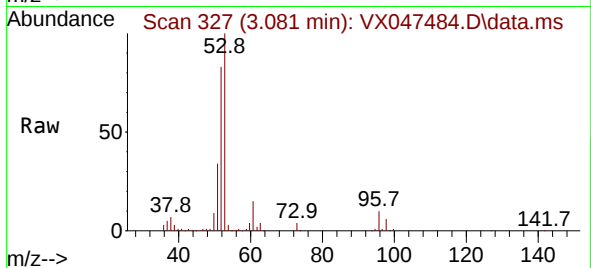




#15
Acrylonitrile
Concen: 263.398 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

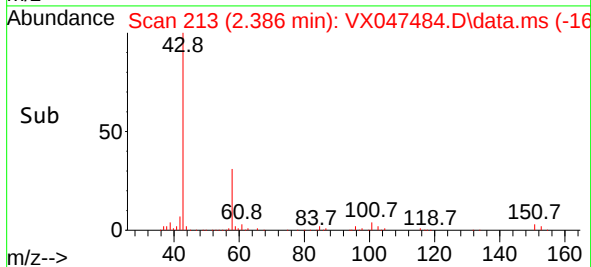
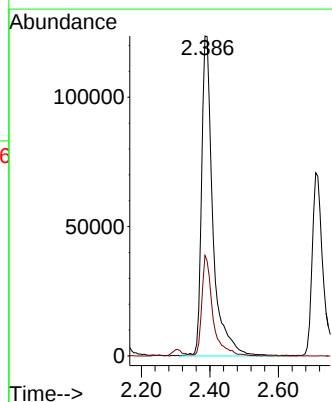
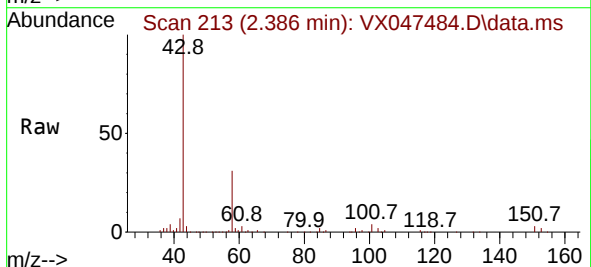
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

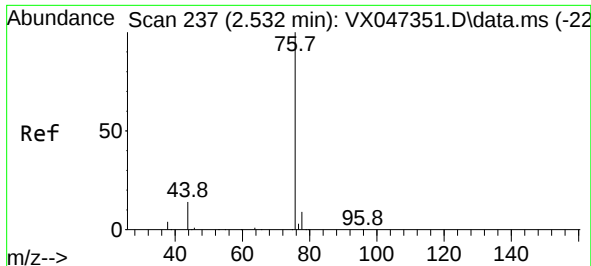
Tgt Ion: 53 Resp: 313610
Ion Ratio Lower Upper
53 100
52 81.6 65.8 98.6
51 35.6 28.2 42.2



#16
Acetone
Concen: 267.964 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 43 Resp: 285280
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2





#17

Carbon Disulfide

Concen: 42.351 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

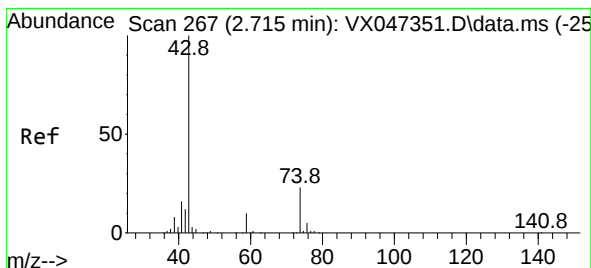
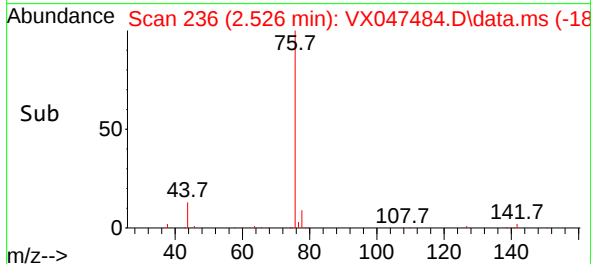
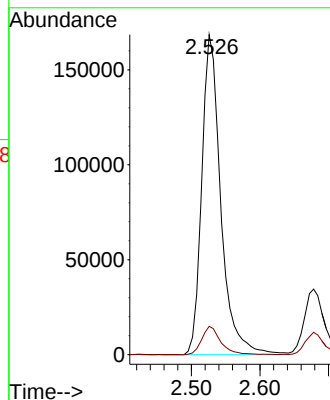
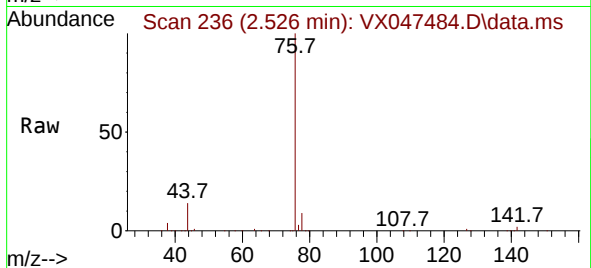
VSTDCCC050

Tgt Ion: 76 Resp: 325641

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 57.943 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX047484.D

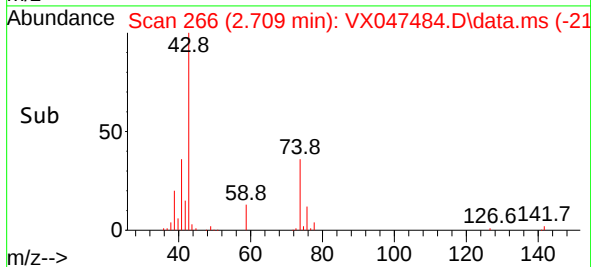
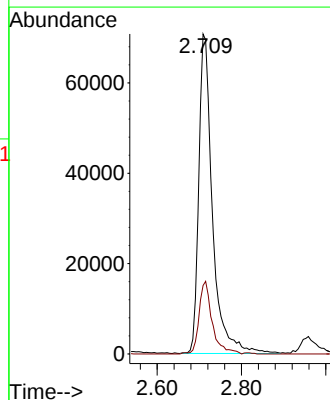
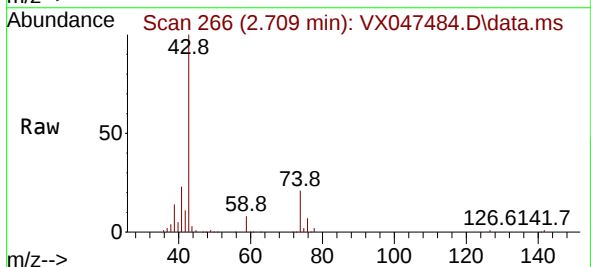
Acq: 22 Aug 2025 10:00

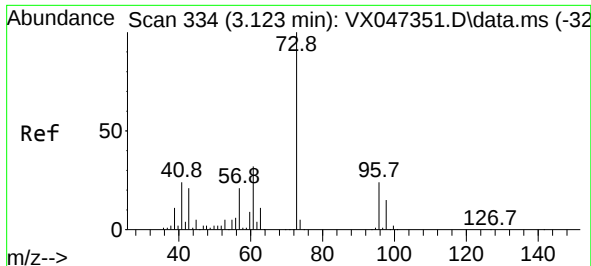
Tgt Ion: 43 Resp: 159856

Ion Ratio Lower Upper

43 100

74 21.8 18.4 27.6

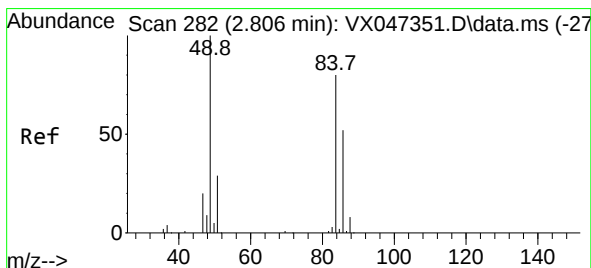
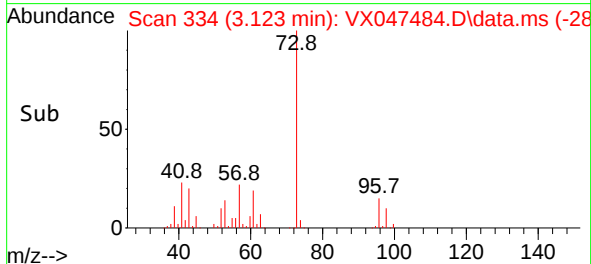
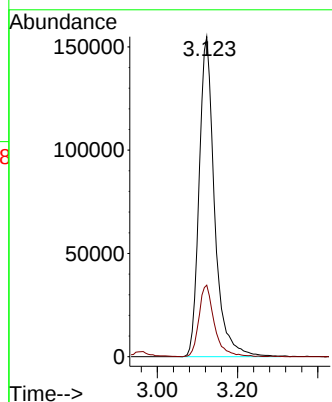
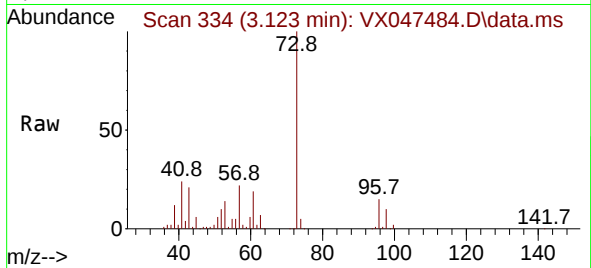




#19
Methyl tert-butyl Ether
Concen: 53.300 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

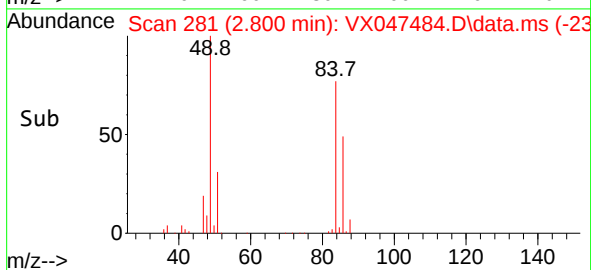
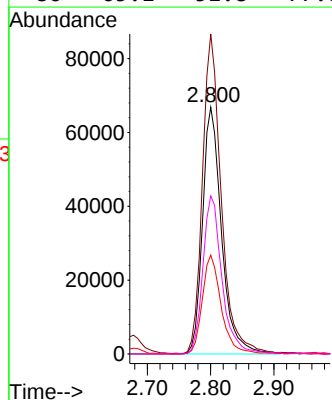
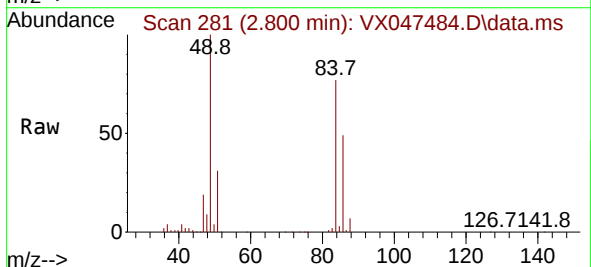
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

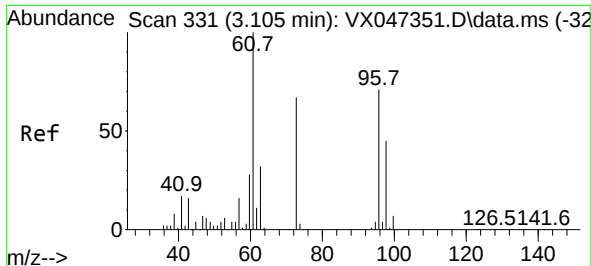
Tgt Ion: 73 Resp: 413165
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 49.606 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 84 Resp: 139844
Ion Ratio Lower Upper
84 100
49 129.5 100.1 150.1
51 40.0 29.5 44.3
86 65.1 51.8 77.8

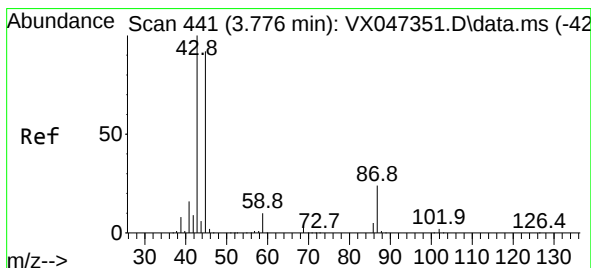
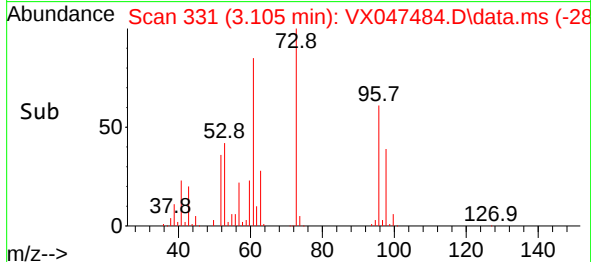
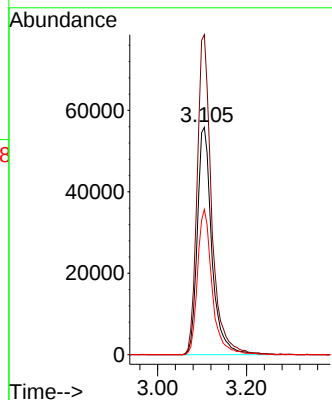
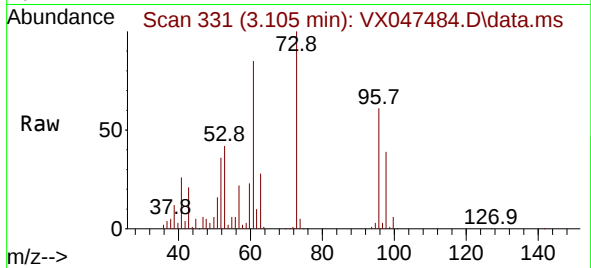




#21
trans-1,2-Dichloroethene
Concen: 47.007 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

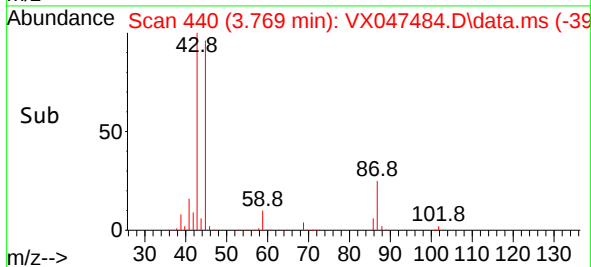
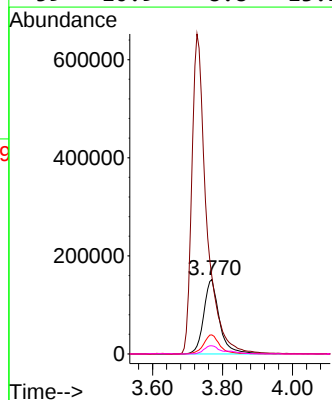
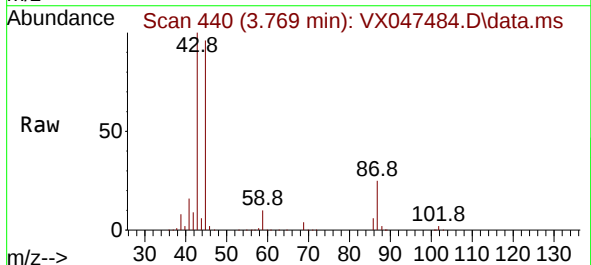
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

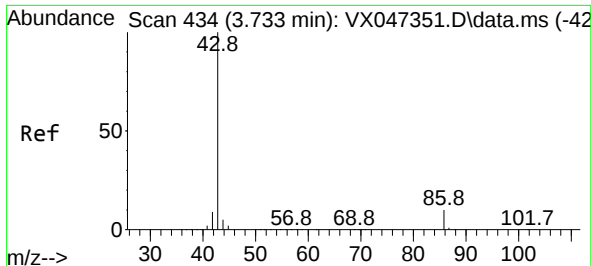
Tgt Ion: 96 Resp: 127129
Ion Ratio Lower Upper
96 100
61 140.7 112.6 169.0
98 63.9 50.9 76.3



#22
Diisopropyl ether
Concen: 54.011 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 45 Resp: 472502
Ion Ratio Lower Upper
45 100
43 104.0 86.8 130.2
87 25.7 20.4 30.6
59 10.9 8.8 13.2

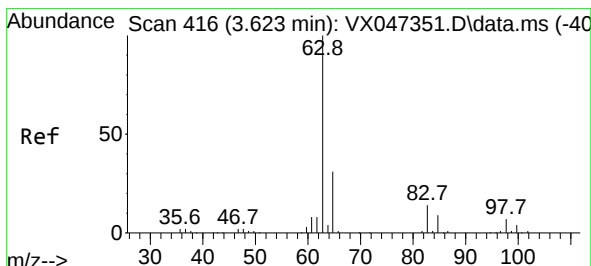
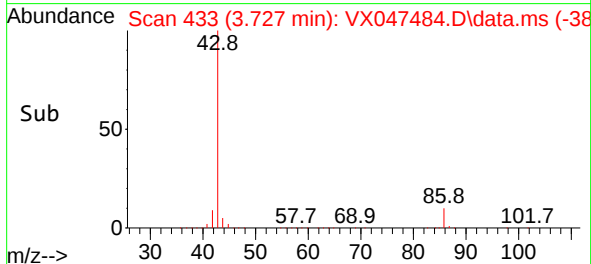
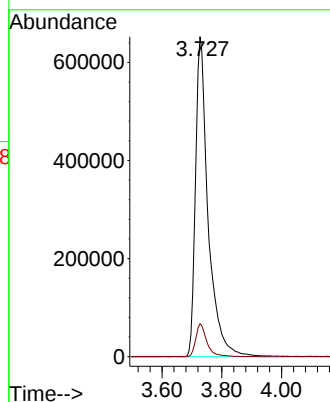
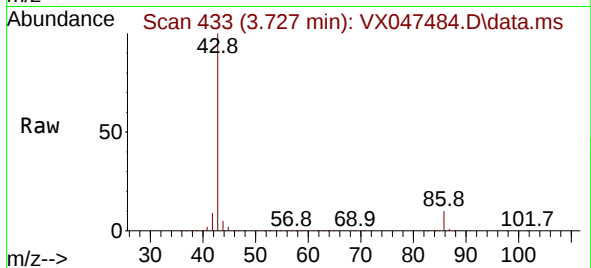




#23
 Vinyl Acetate
 Concen: 267.095 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

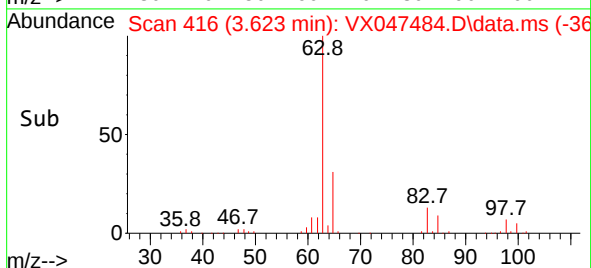
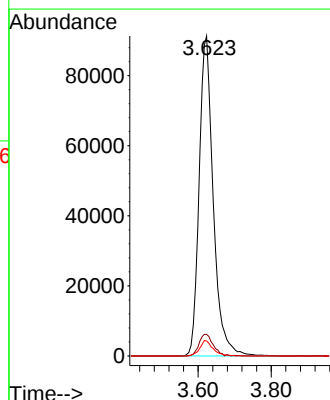
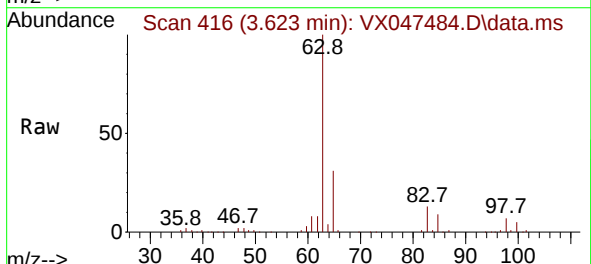
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

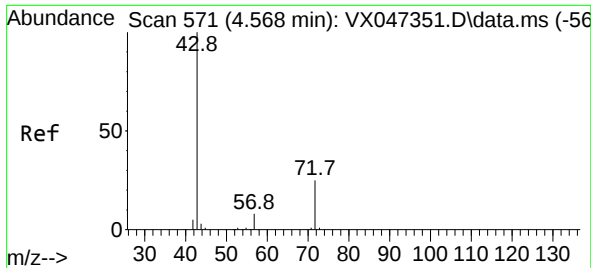
Tgt Ion: 43 Resp: 1915183
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 49.558 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

Tgt Ion: 63 Resp: 245050
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.7 2.1 6.3

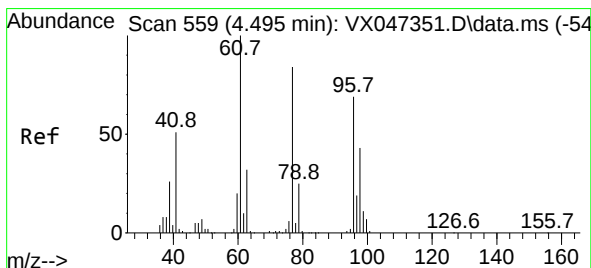
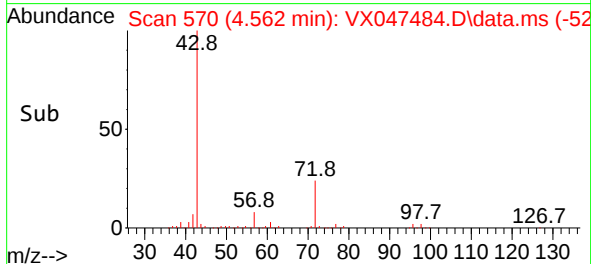
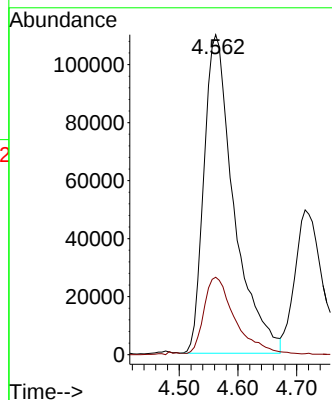
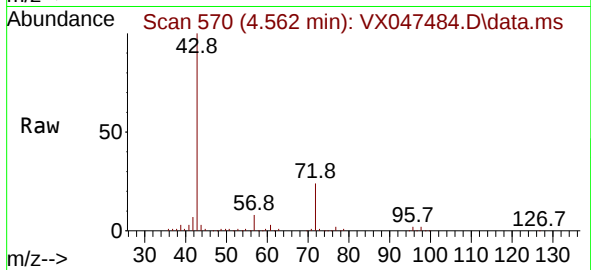




#25
2-Butanone
Concen: 278.919 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

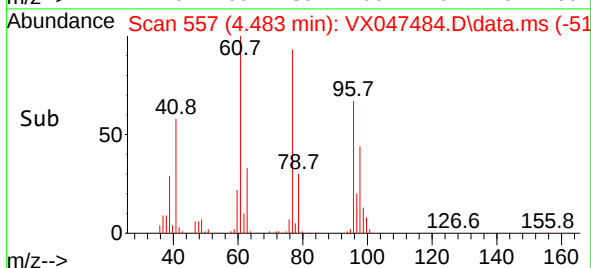
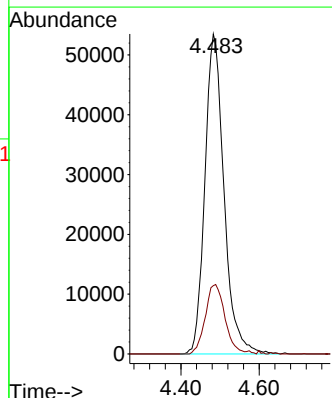
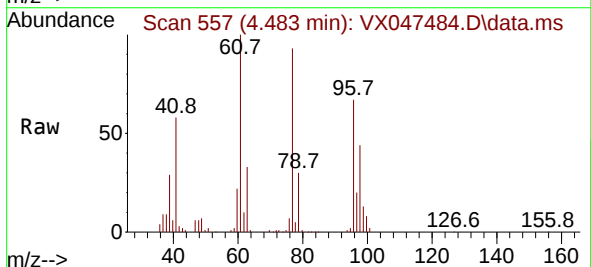
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

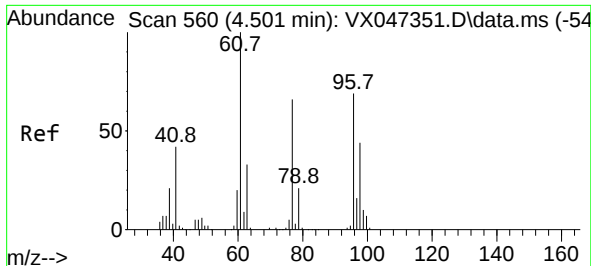
Tgt Ion: 43 Resp: 388898
Ion Ratio Lower Upper
43 100
72 23.5 19.8 29.8



#26
2,2-Dichloropropane
Concen: 48.462 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 77 Resp: 180865
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.875 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

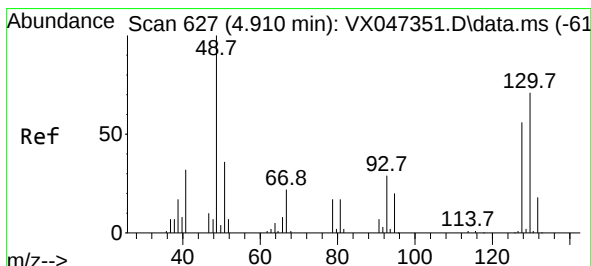
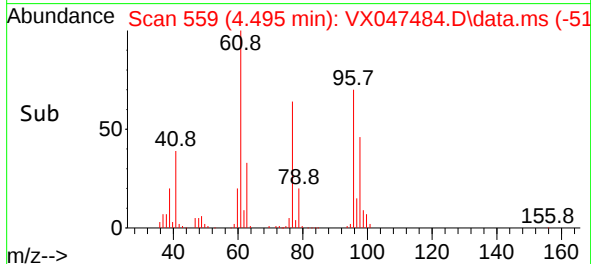
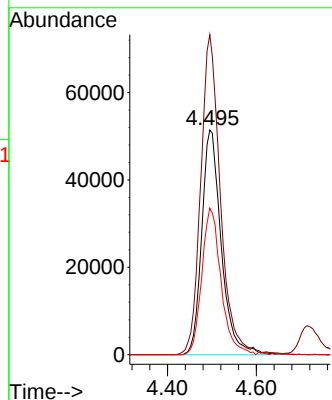
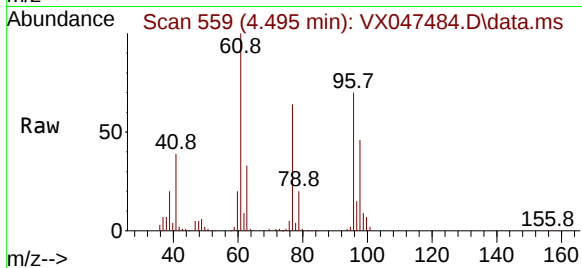
Tgt Ion: 96 Resp: 157104

Ion Ratio Lower Upper

96 100

61 143.9 0.0 296.6

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 59.532 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

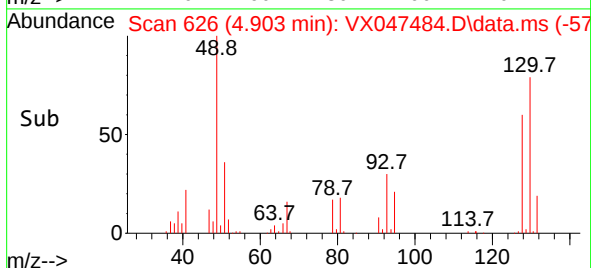
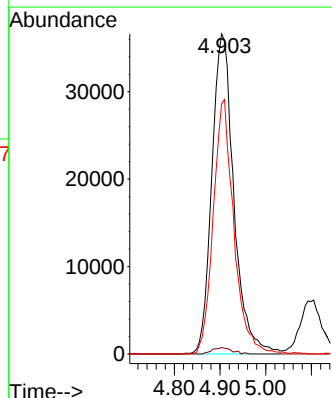
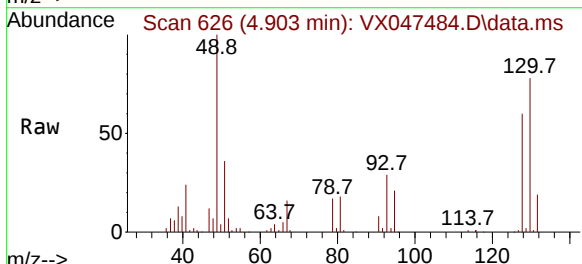
Tgt Ion: 49 Resp: 122494

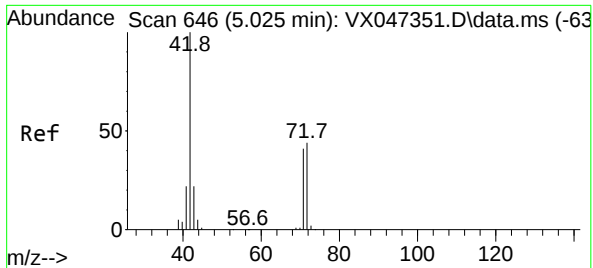
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 74.4 59.8 89.6

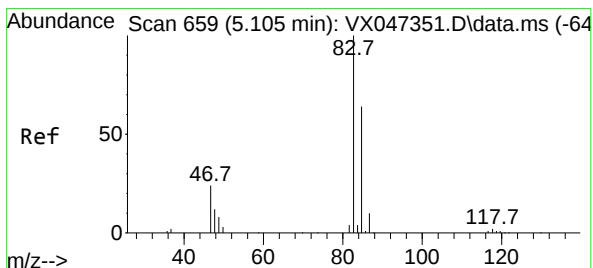
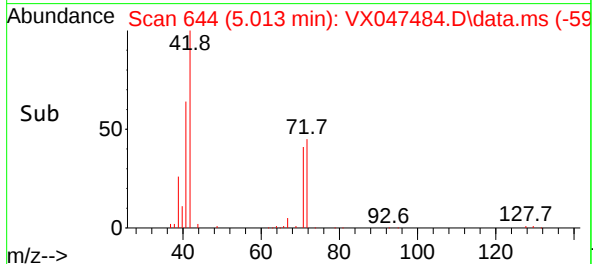
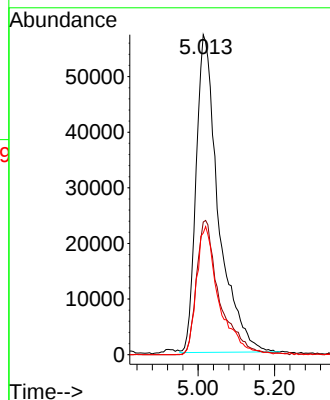
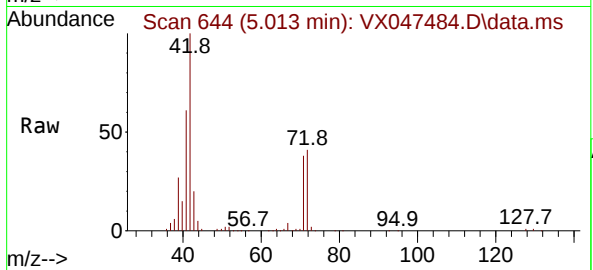




#29
Tetrahydrofuran
Concen: 257.210 ug/l
RT: 5.013 min Scan# 646
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

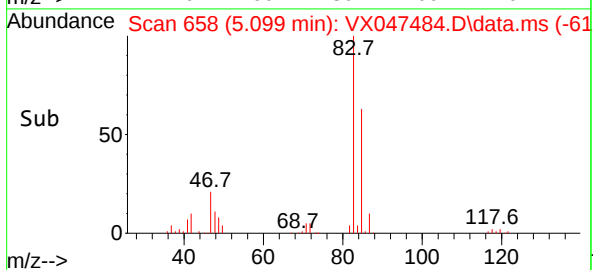
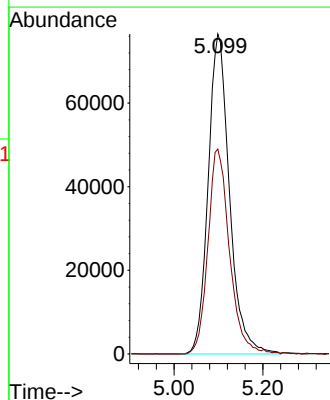
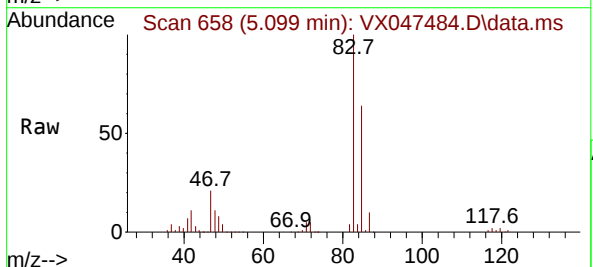
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

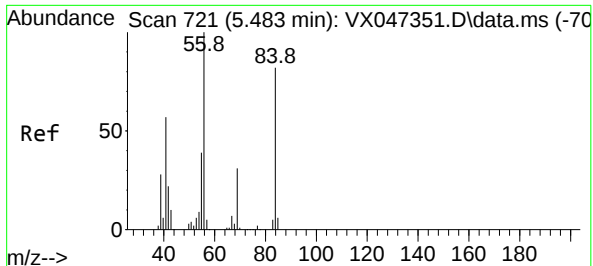
Tgt Ion: 42 Resp: 231797
Ion Ratio Lower Upper
42 100
72 43.8 34.6 51.8
71 40.5 32.6 49.0



#30
Chloroform
Concen: 50.499 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 83 Resp: 254837
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8

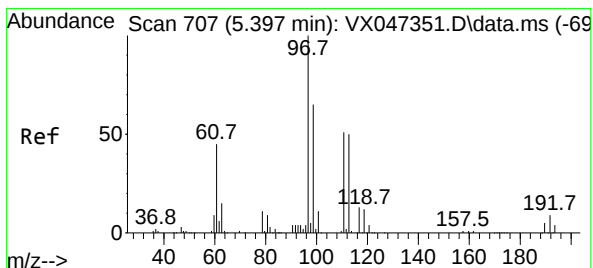
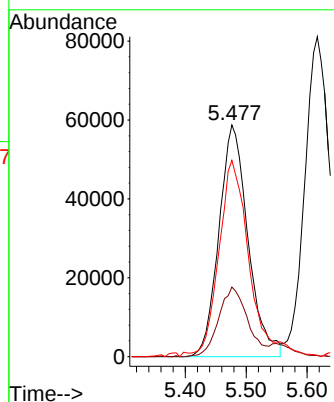
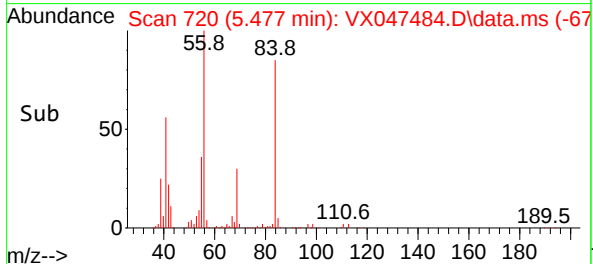
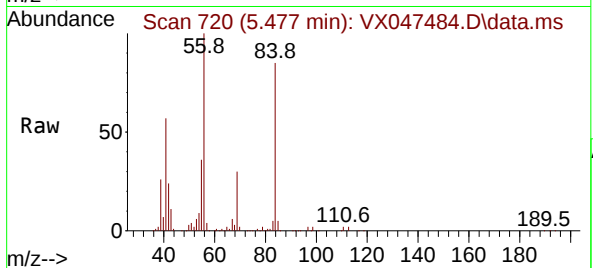




#31
Cyclohexane
Concen: 42.608 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

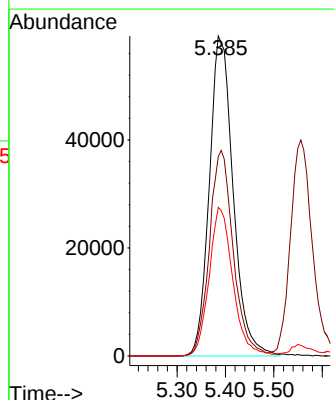
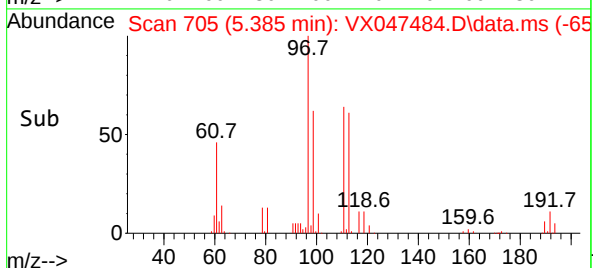
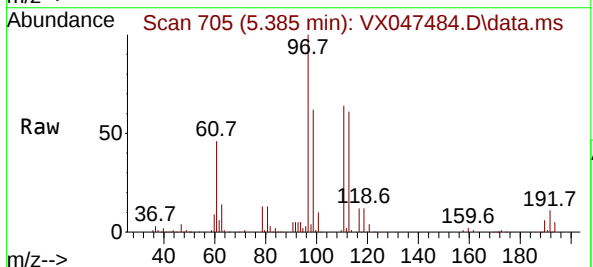
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

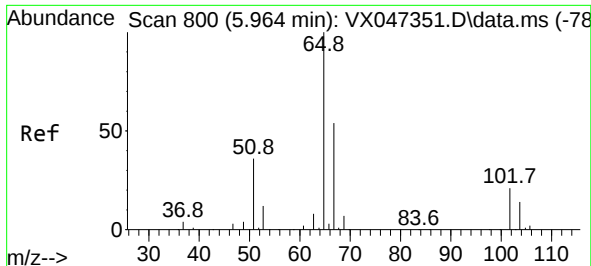
Tgt Ion: 56 Resp: 194217
Ion Ratio Lower Upper
56 100
69 30.1 24.3 36.5
84 84.7 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 46.699 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 97 Resp: 202843
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 46.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 55.388 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

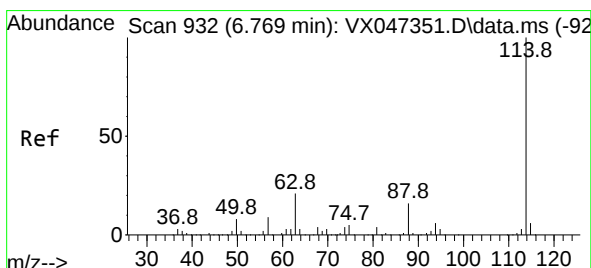
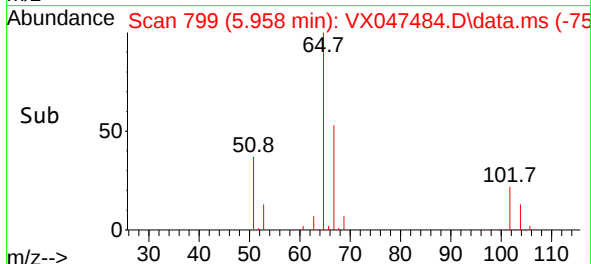
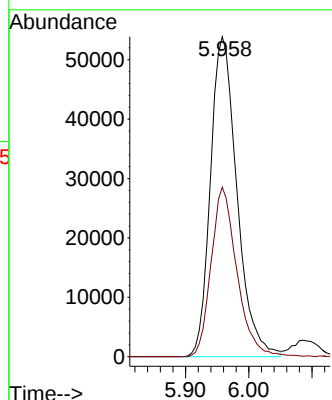
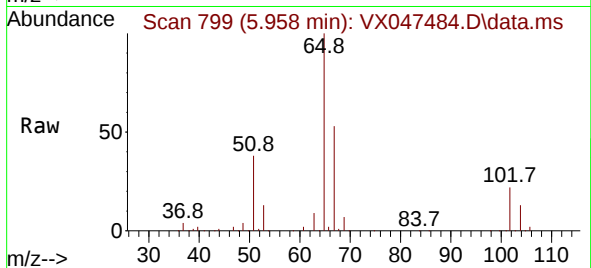
VSTDCCC050

Tgt Ion: 65 Resp: 156876

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

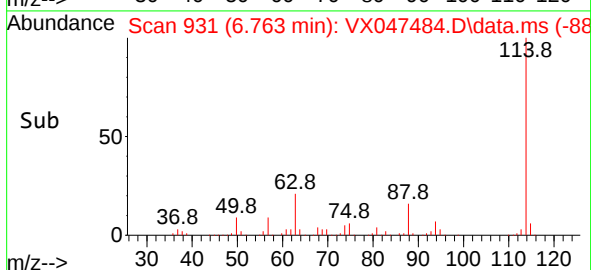
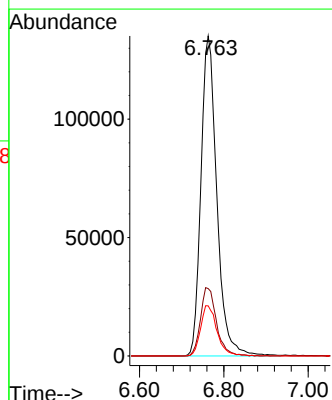
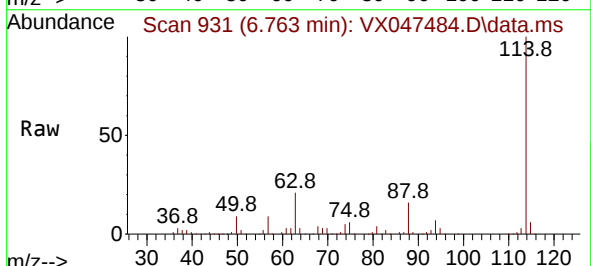
Tgt Ion: 114 Resp: 354638

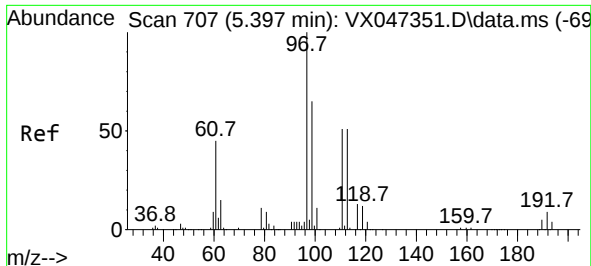
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.6 0.0 33.0

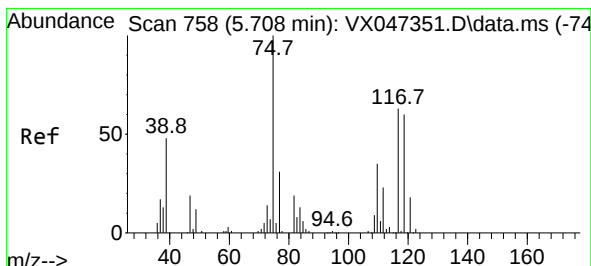
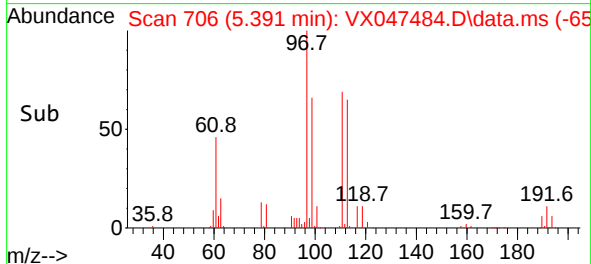
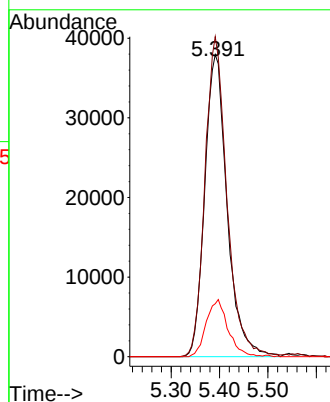
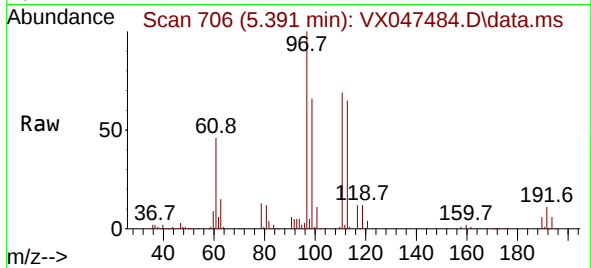




#35
Dibromofluoromethane
Concen: 53.026 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

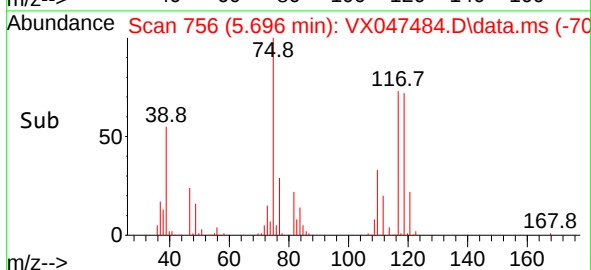
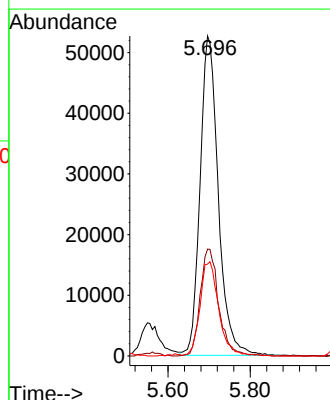
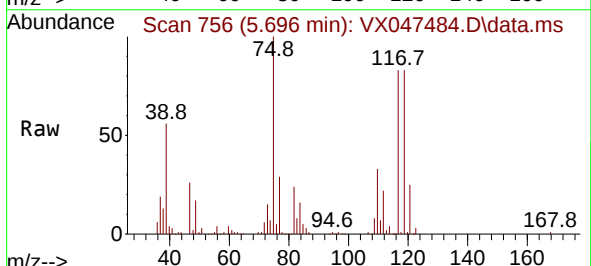
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

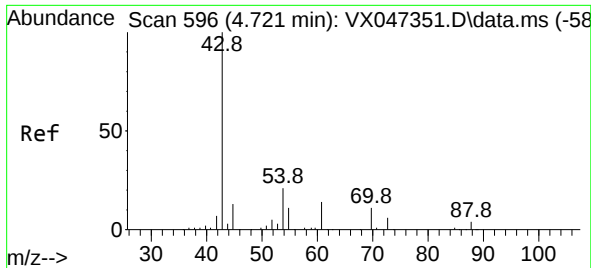
Tgt Ion:113 Resp: 122046
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.2
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 44.562 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 75 Resp: 161908
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.2
77 29.7 24.4 36.6





#37

Ethyl Acetate

Concen: 44.088 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

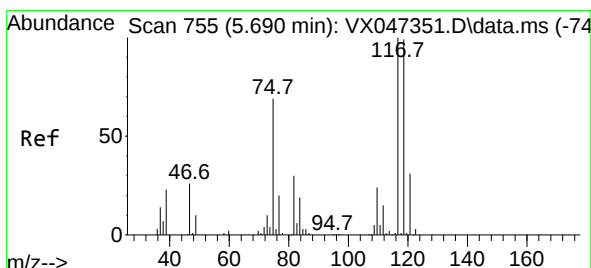
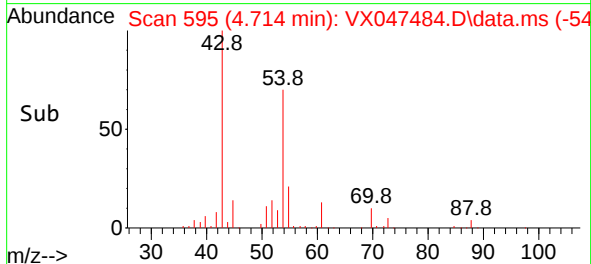
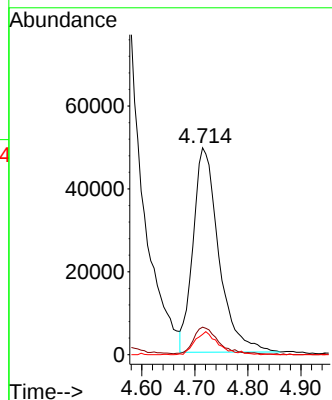
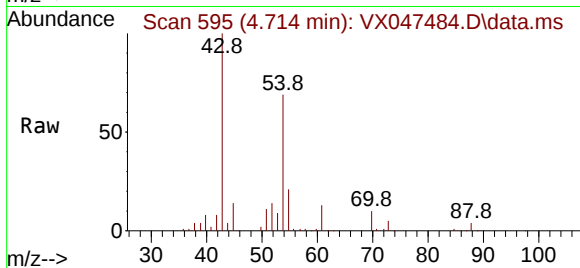
Tgt Ion: 43 Resp: 166297

Ion Ratio Lower Upper

43 100

61 12.9 9.4 14.2

70 10.4 7.0 10.6



#38

Carbon Tetrachloride

Concen: 43.887 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

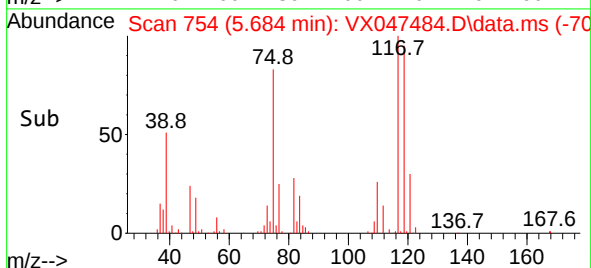
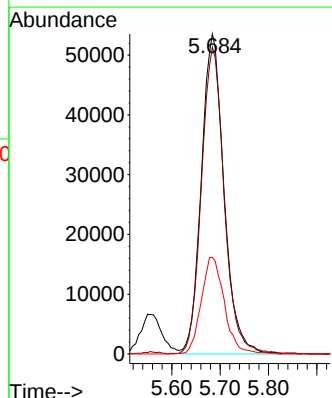
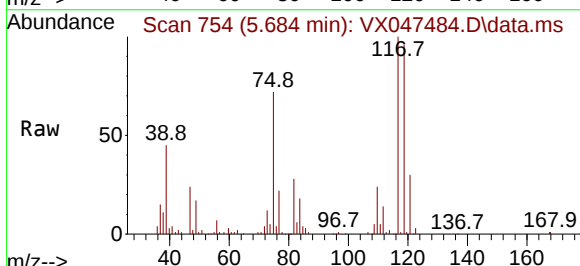
Tgt Ion: 117 Resp: 174249

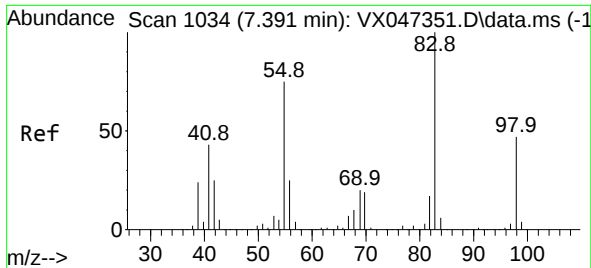
Ion Ratio Lower Upper

117 100

119 95.6 78.5 117.7

121 30.2 24.7 37.1

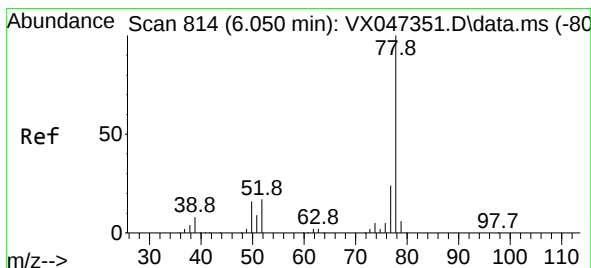
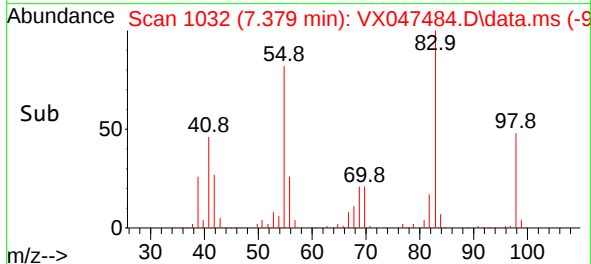
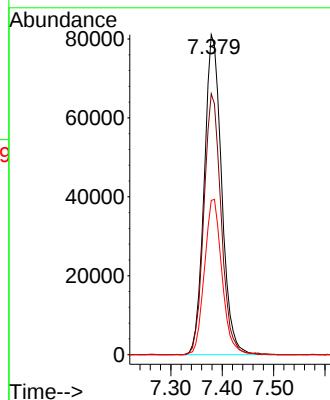
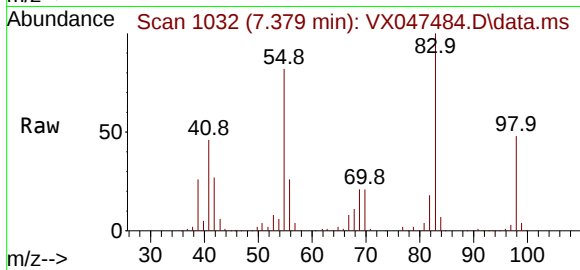




#39
Methylcyclohexane
Concen: 42.164 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

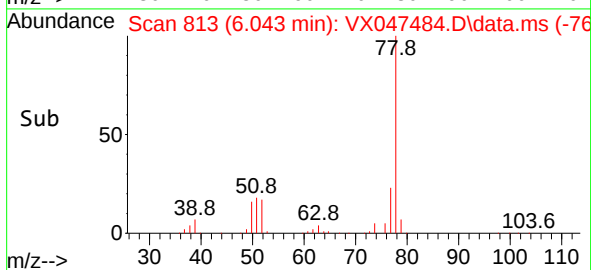
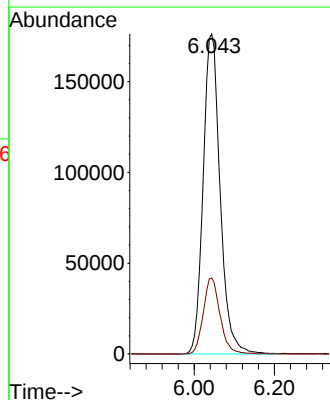
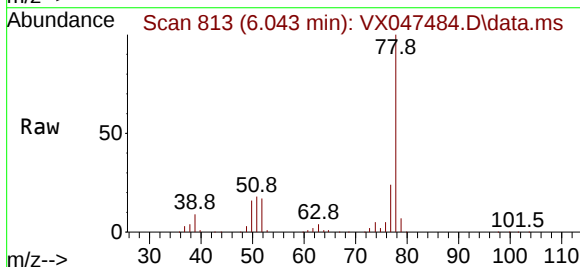
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

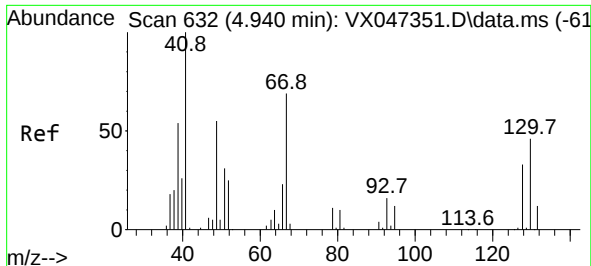
Tgt Ion: 83 Resp: 191087
Ion Ratio Lower Upper
83 100
55 81.5 60.0 90.0
98 48.2 37.2 55.8



#40
Benzene
Concen: 47.628 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 78 Resp: 517963
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

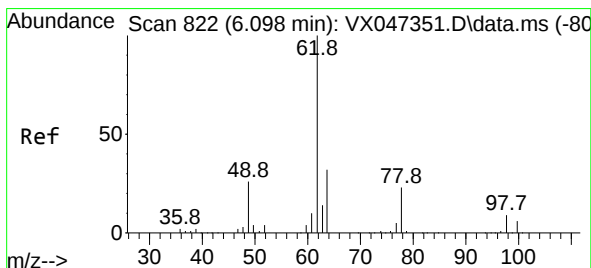
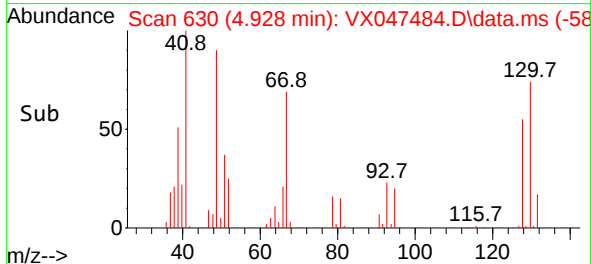
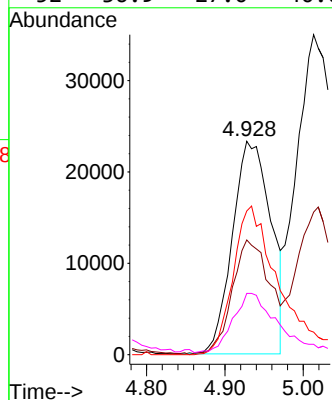
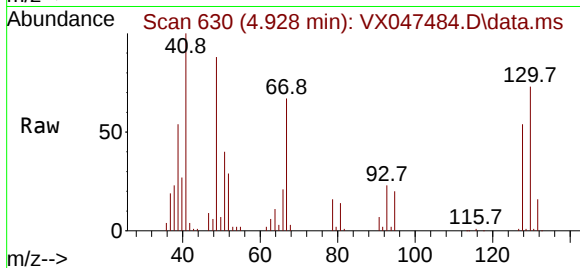




#41
Methacrylonitrile
Concen: 49.915 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

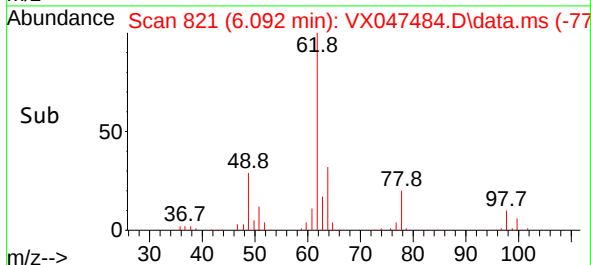
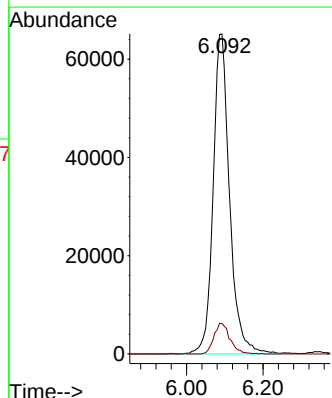
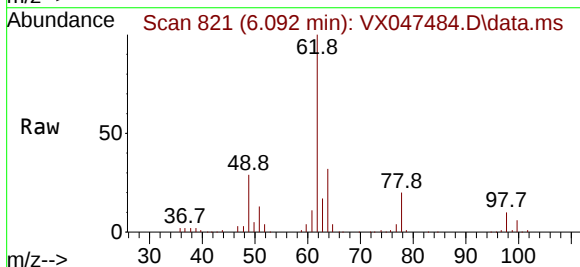
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	79394
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.4	68.2
67	84.3	64.0	96.0
52	36.9	27.0	40.6



#42
1,2-Dichloroethane
Concen: 50.319 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:	62	Resp:	193834
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

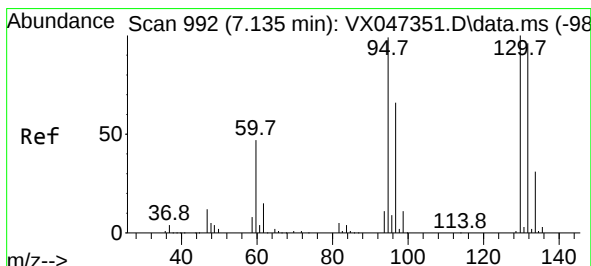
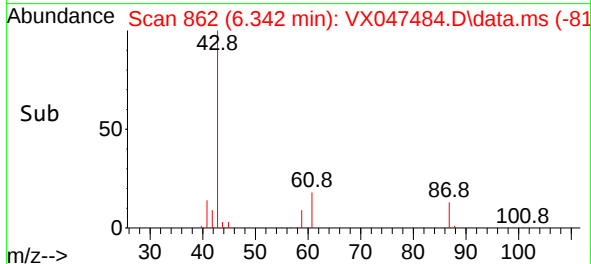
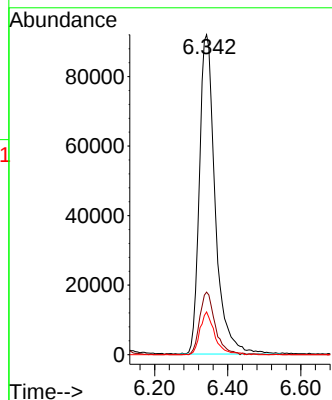
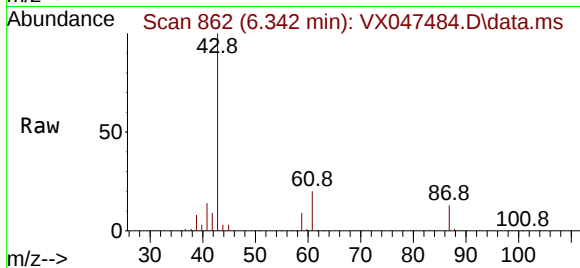




#43
Isopropyl Acetate
Concen: 50.985 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

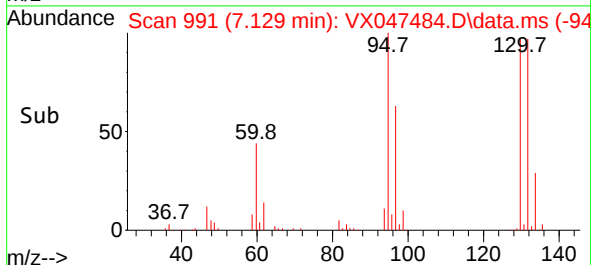
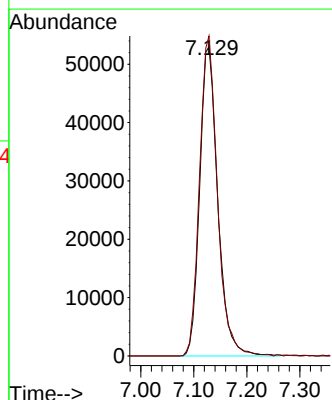
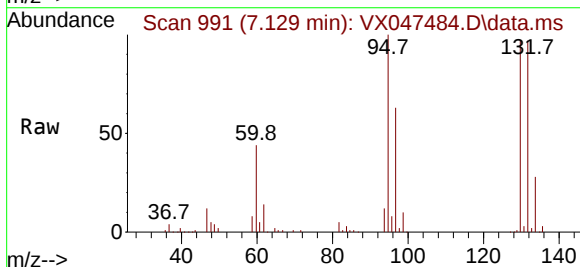
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

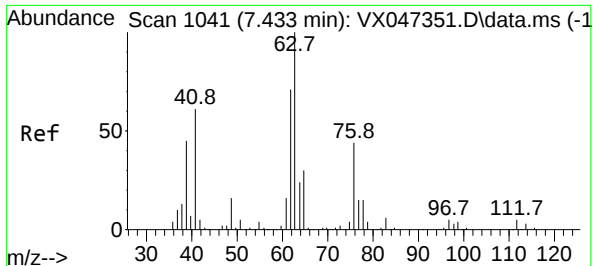
Tgt Ion: 43 Resp: 276273
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 12.5 10.2 15.4



#44
Trichloroethene
Concen: 45.119 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:130 Resp: 125639
Ion Ratio Lower Upper
130 100
95 103.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.956 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

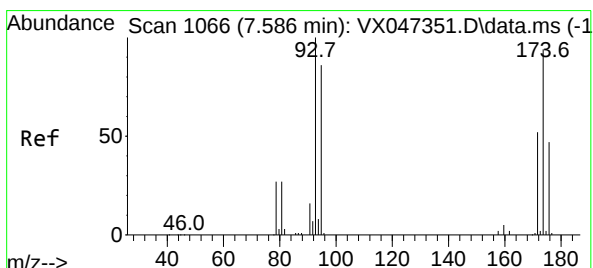
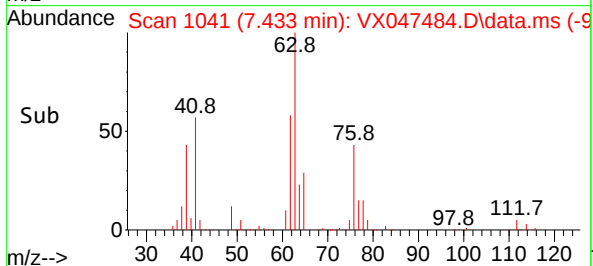
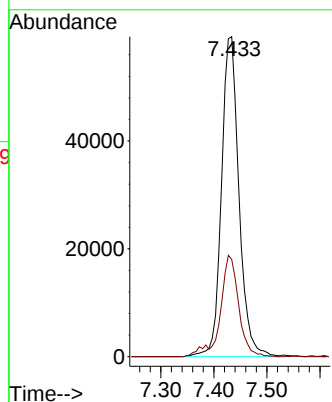
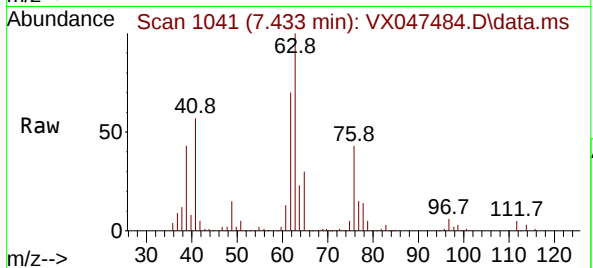
VSTDCCC050

Tgt Ion: 63 Resp: 136102

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.6



#46

Dibromomethane

Concen: 50.815 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

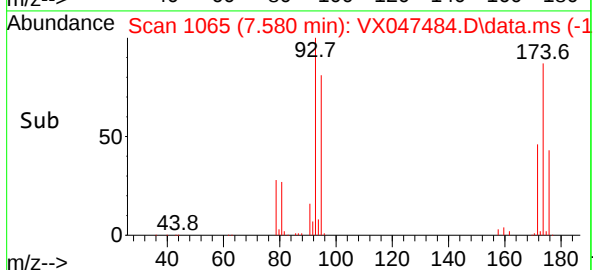
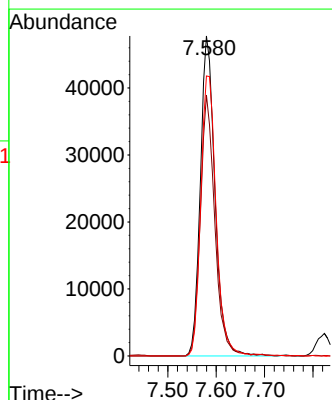
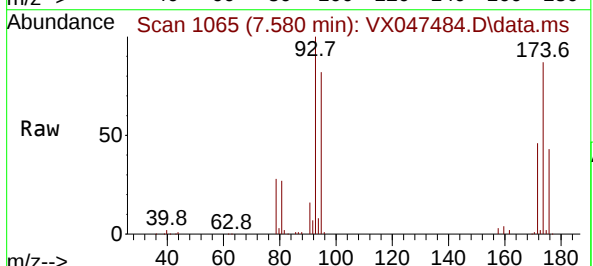
Tgt Ion: 93 Resp: 100509

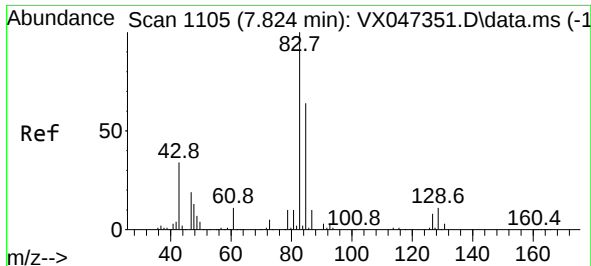
Ion Ratio Lower Upper

93 100

95 80.1 68.0 102.0

174 91.6 75.8 113.6

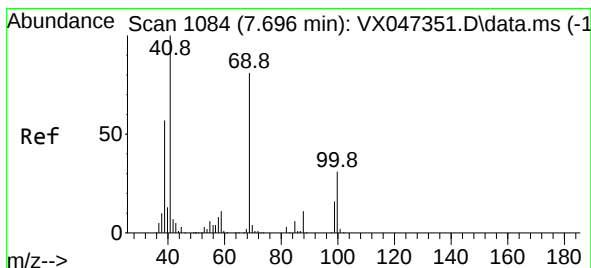
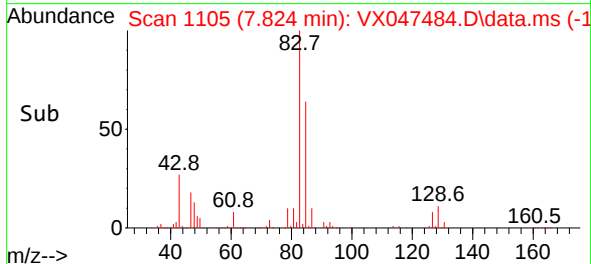
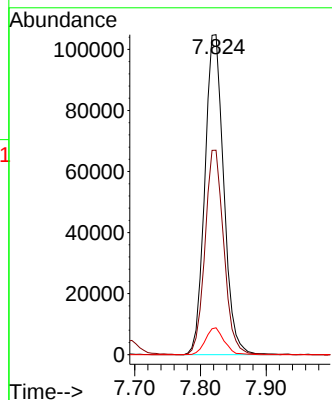
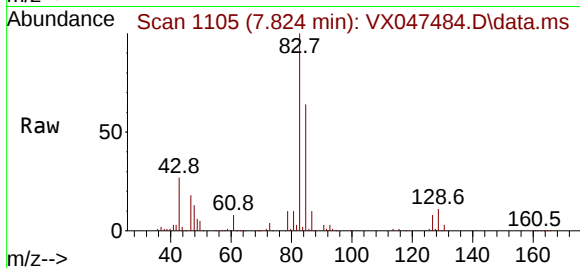




#47
Bromodichloromethane
Concen: 51.092 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

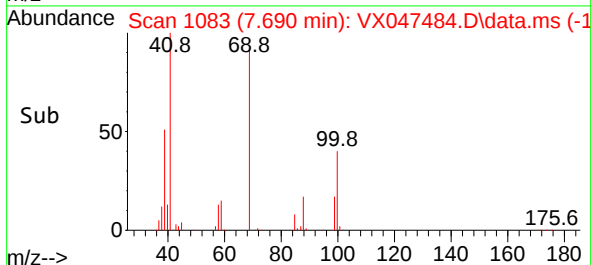
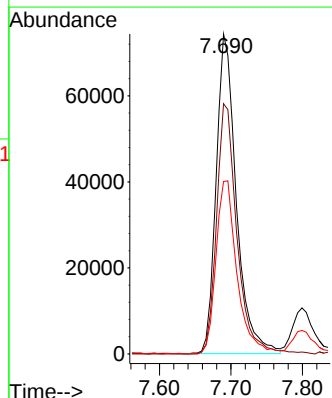
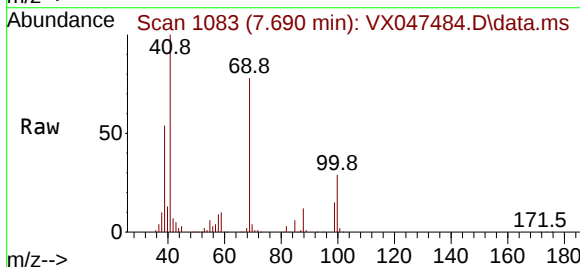
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

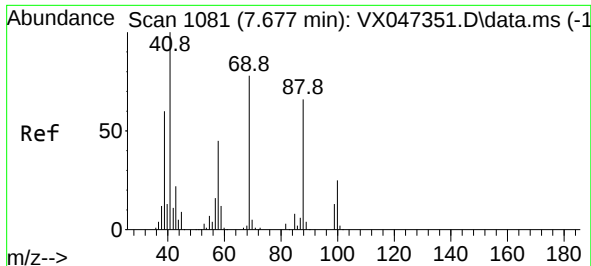
Tgt Ion:	83	Resp:	209501
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.0	76.6
127	8.4	7.0	10.4



#48
Methyl methacrylate
Concen: 51.731 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:	41	Resp:	145500
Ion	Ratio	Lower	Upper
41	100		
69	79.3	65.0	97.4
39	56.7	45.7	68.5





#49

1,4-Dioxane

Concen: 1114.267 ug/l

RT: 7.683 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

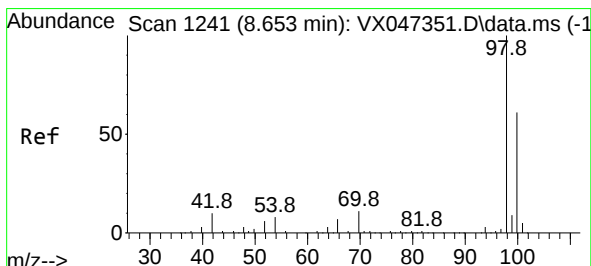
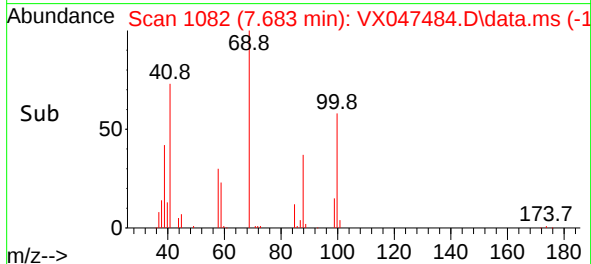
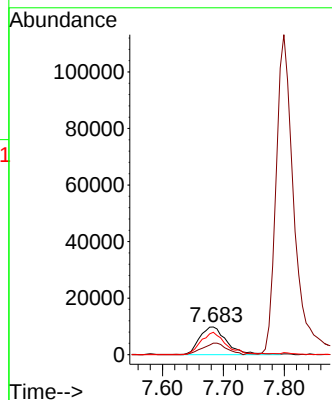
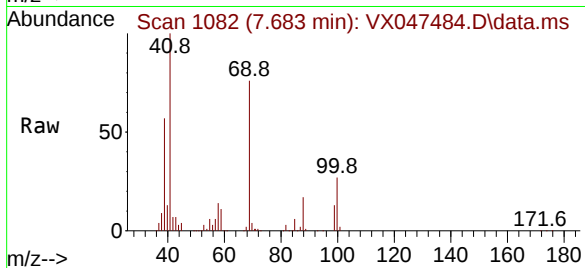
Tgt Ion: 88 Resp: 30467

Ion Ratio Lower Upper

88 100

43 38.4 32.4 48.6

58 74.5 56.9 85.3



#50

Toluene-d8

Concen: 50.990 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047484.D

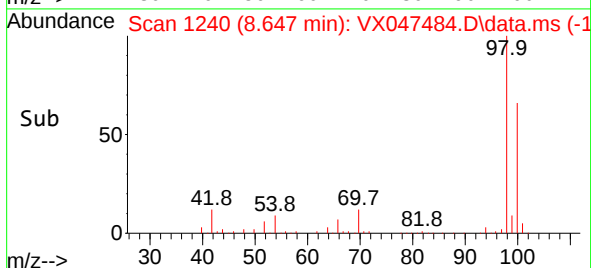
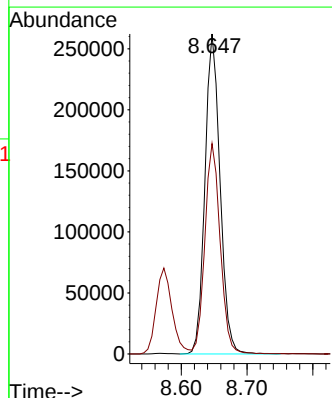
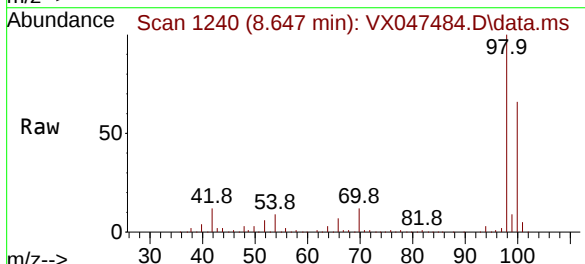
Acq: 22 Aug 2025 10:00

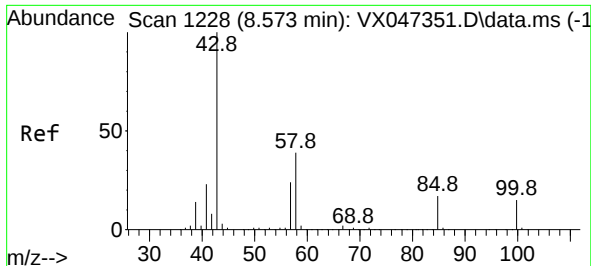
Tgt Ion: 98 Resp: 419479

Ion Ratio Lower Upper

98 100

100 66.2 53.9 80.9

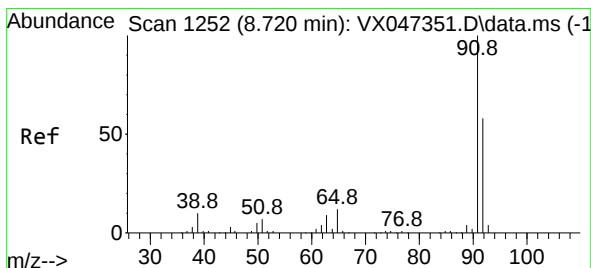
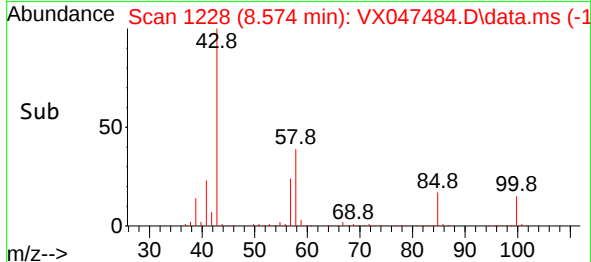
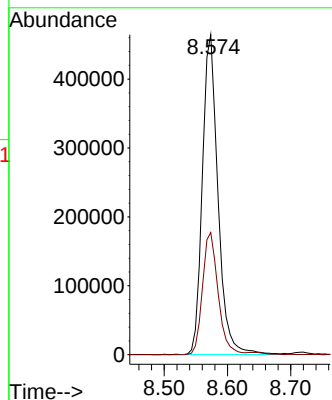
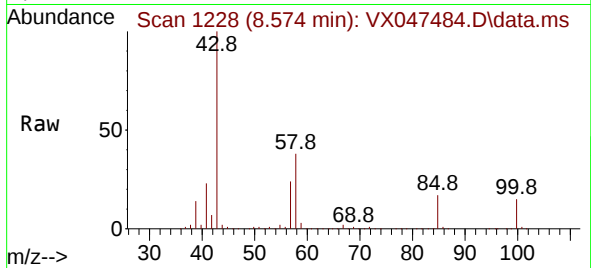




#51
4-Methyl-2-Pentanone
Concen: 256.232 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

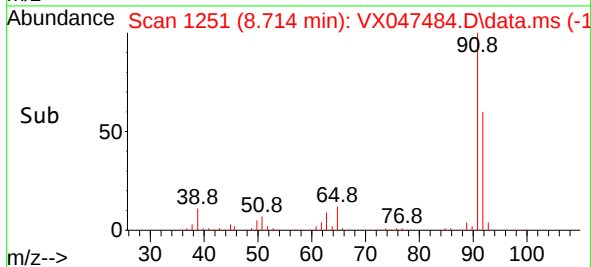
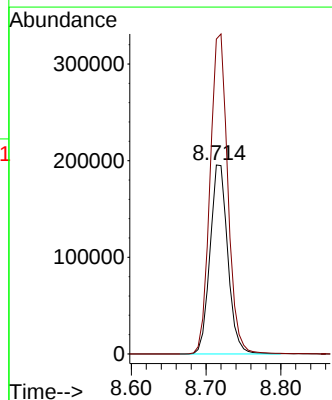
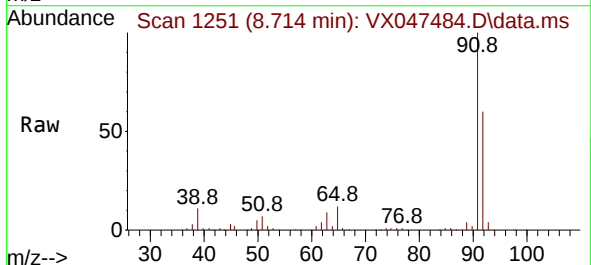
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

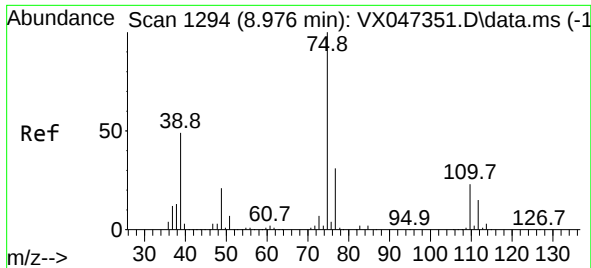
Tgt Ion: 43 Resp: 798993
Ion Ratio Lower Upper
43 100
58 38.1 31.2 46.8



#52
Toluene
Concen: 48.047 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 92 Resp: 322875
Ion Ratio Lower Upper
92 100
91 169.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.221 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

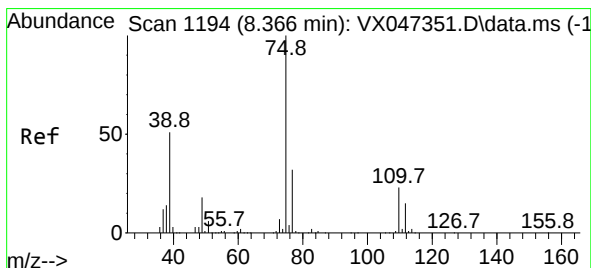
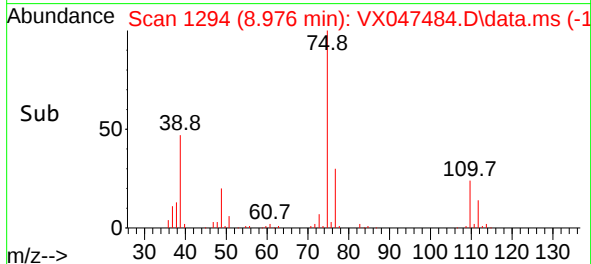
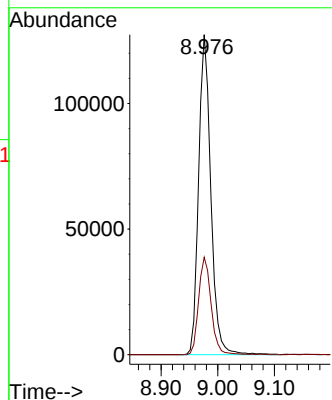
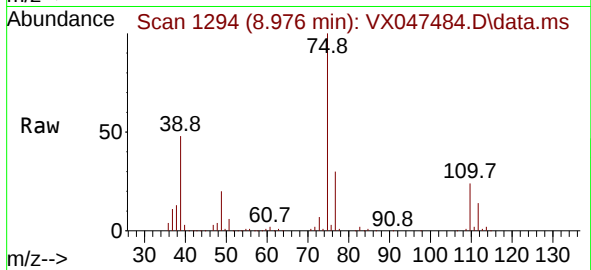
VSTDCCC050

Tgt Ion: 75 Resp: 190463

Ion Ratio Lower Upper

75 100

77 30.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 52.024 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

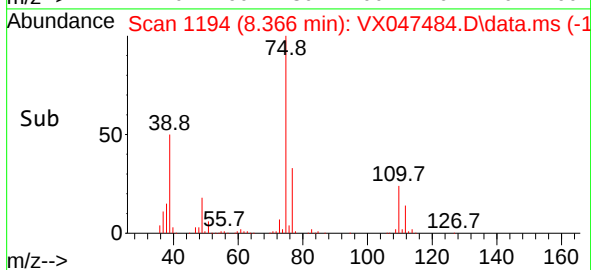
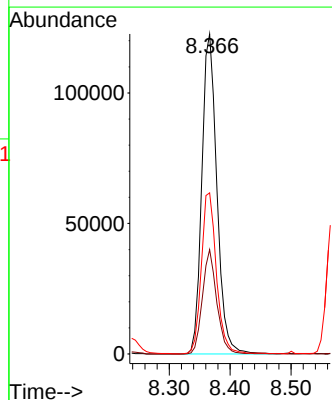
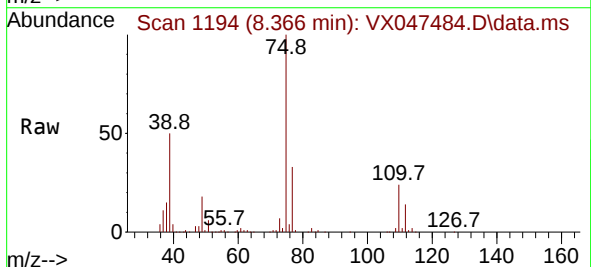
Tgt Ion: 75 Resp: 210731

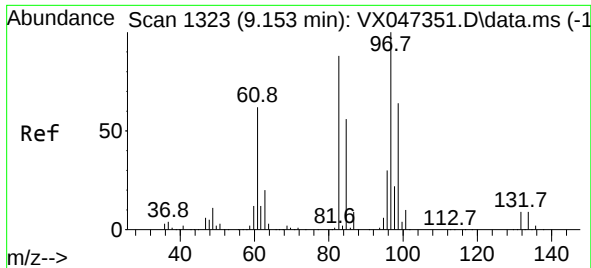
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 50.3 40.9 61.3



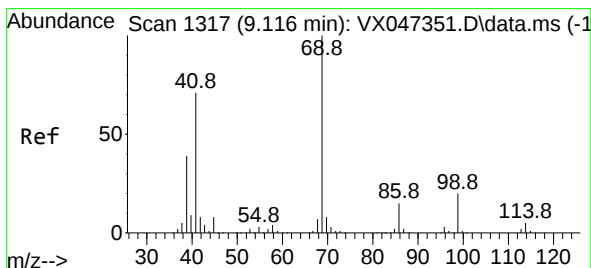
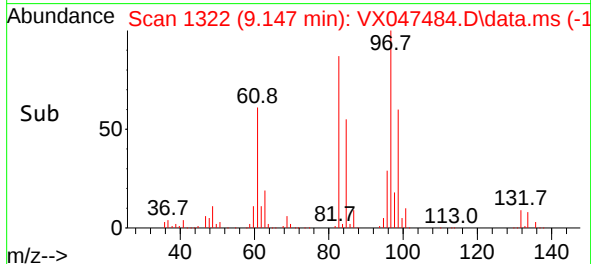
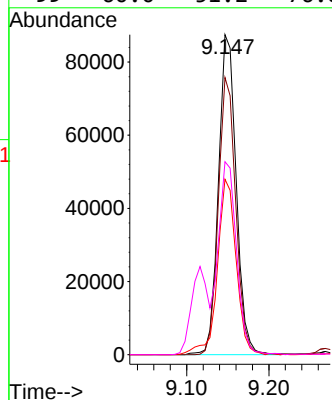
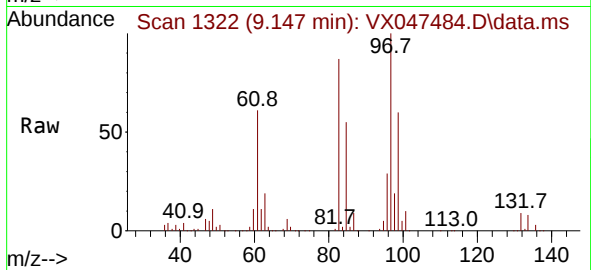


#55
1,1,2-Trichloroethane
Concen: 51.424 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 131207

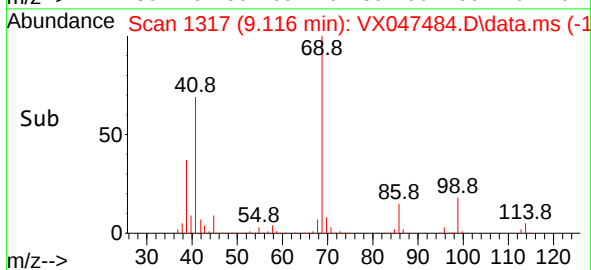
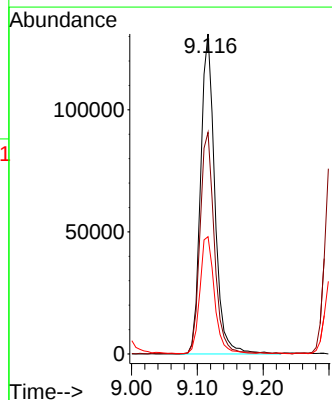
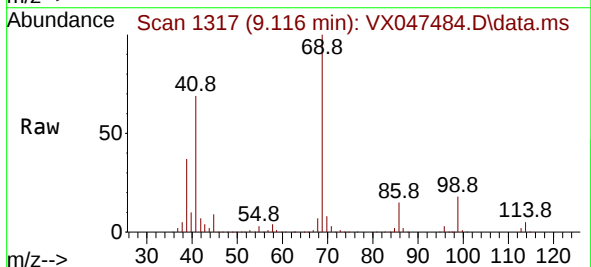
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.6	106.0
85	54.8	44.7	67.1
99	60.0	51.2	76.8

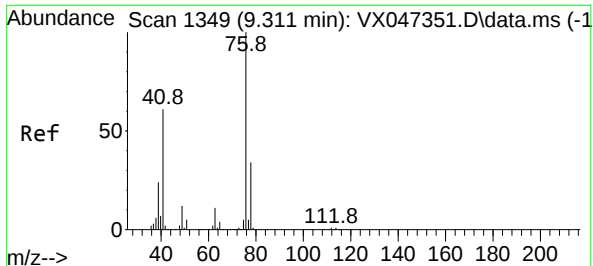


#56
Ethyl methacrylate
Concen: 52.290 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 69 Resp: 196701

Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.3	82.9
39	37.5	30.2	45.2

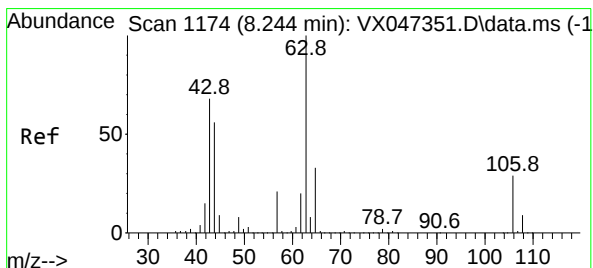
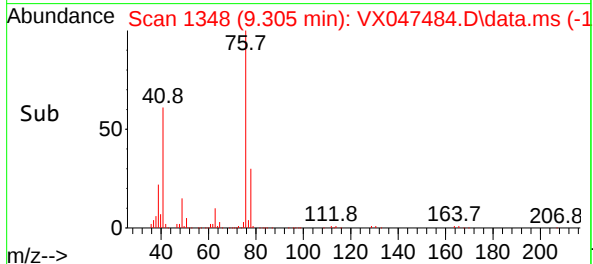
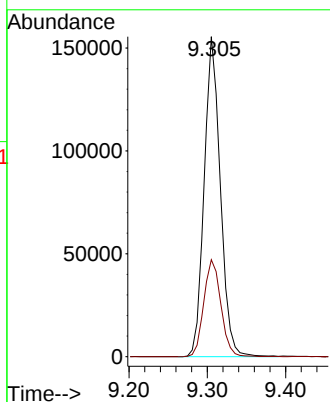
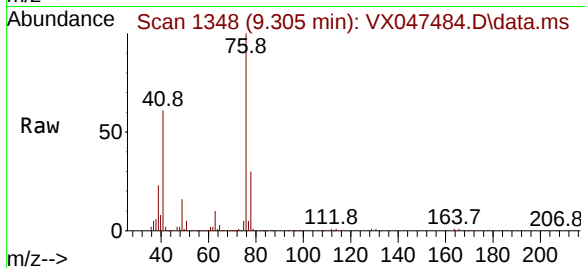




#57
1,3-Dichloropropane
Concen: 51.172 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

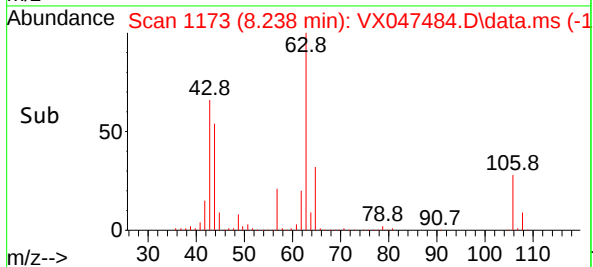
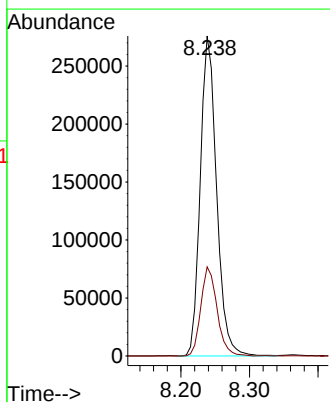
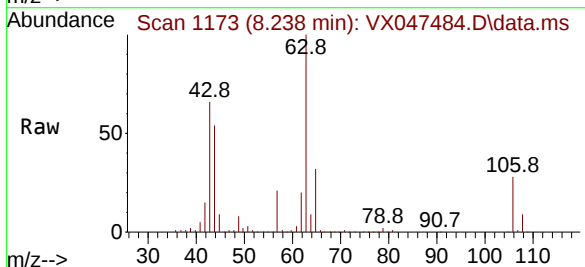
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

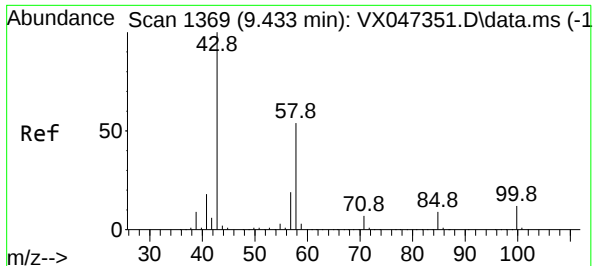
Tgt Ion: 76 Resp: 222481
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 254.774 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 63 Resp: 457939
Ion Ratio Lower Upper
63 100
106 27.7 22.8 34.2





#59

2-Hexanone

Concen: 252.526 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

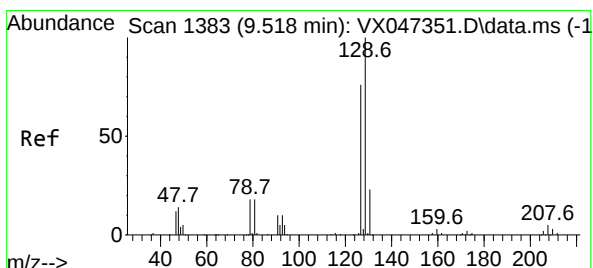
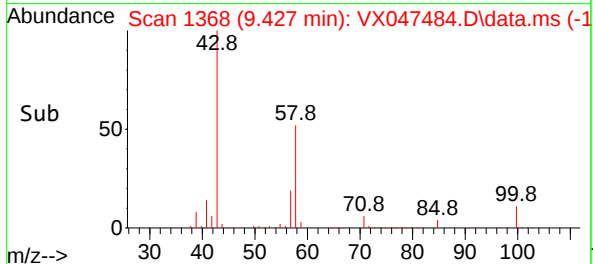
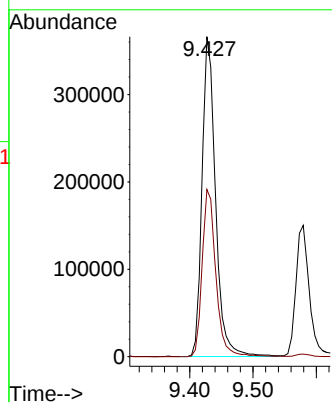
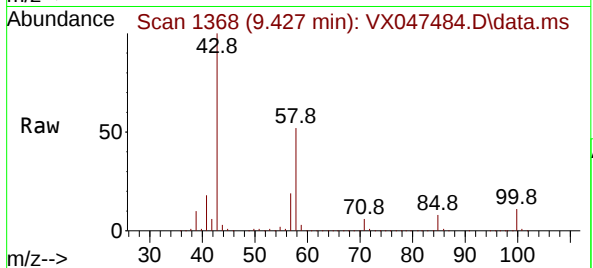
VSTDCCC050

Tgt Ion: 43 Resp: 544688

Ion Ratio Lower Upper

43 100

58 53.2 26.9 80.7



#60

Dibromochloromethane

Concen: 50.654 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047484.D

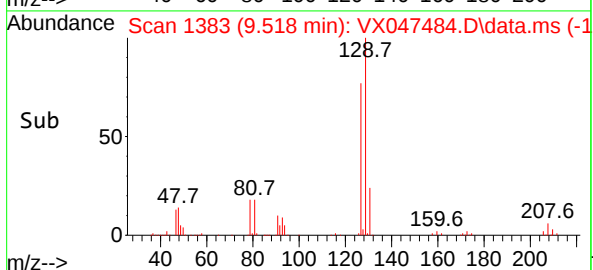
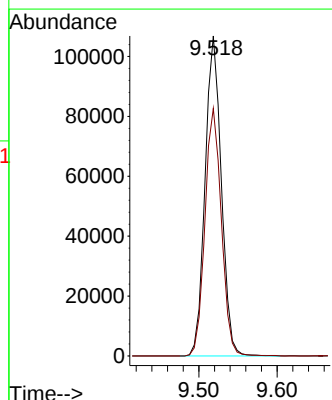
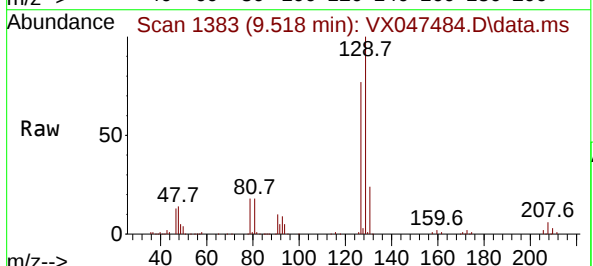
Acq: 22 Aug 2025 10:00

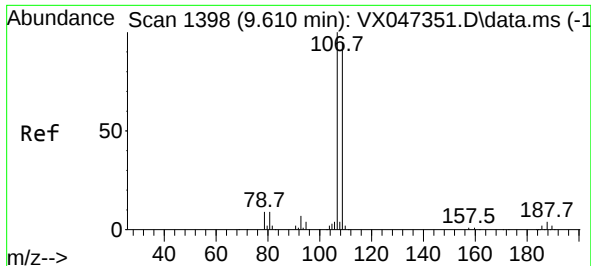
Tgt Ion:129 Resp: 153592

Ion Ratio Lower Upper

129 100

127 78.3 38.9 116.6

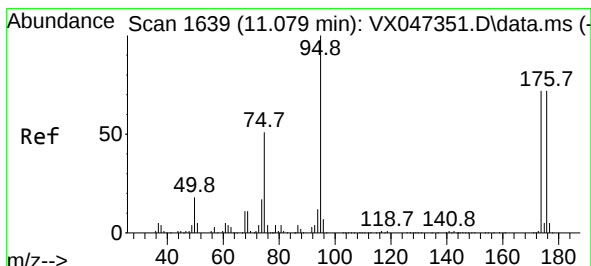
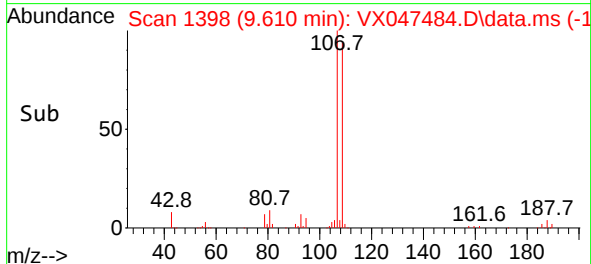
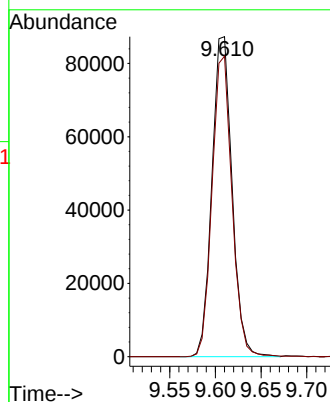
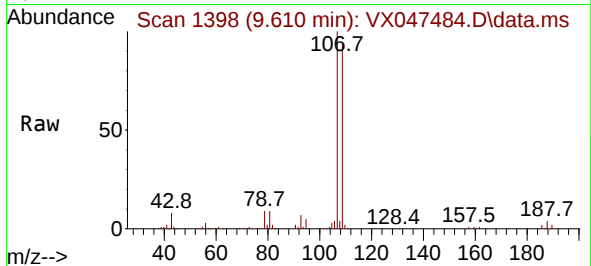




#61
1,2-Dibromoethane
Concen: 50.806 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

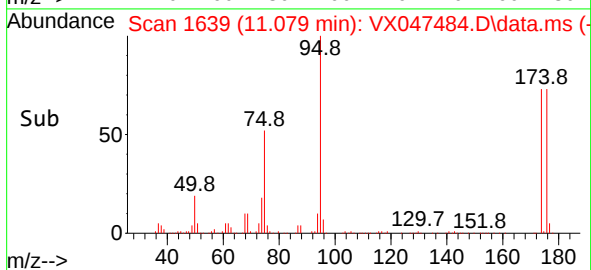
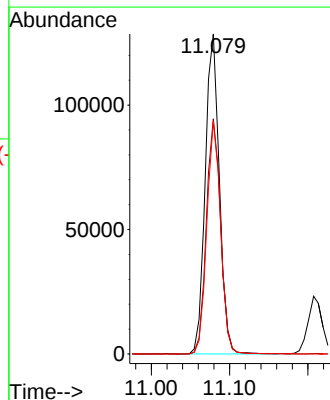
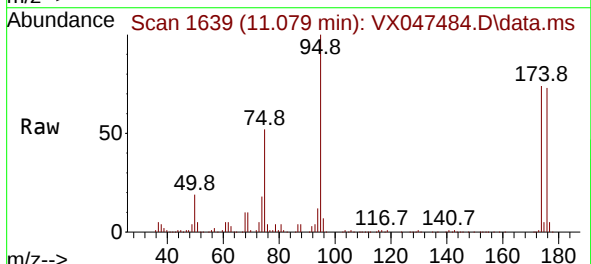
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

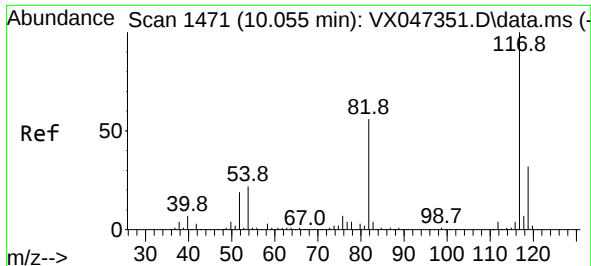
Tgt Ion:107 Resp: 133672
Ion Ratio Lower Upper
107 100
109 92.9 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 52.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 95 Resp: 160561
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 70.9 0.0 145.4

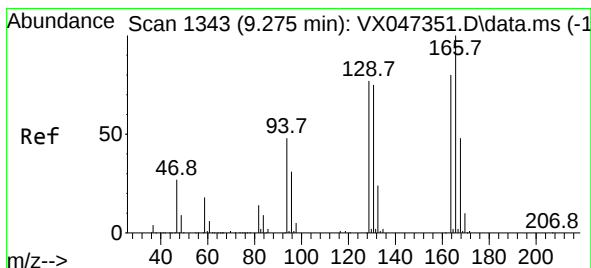
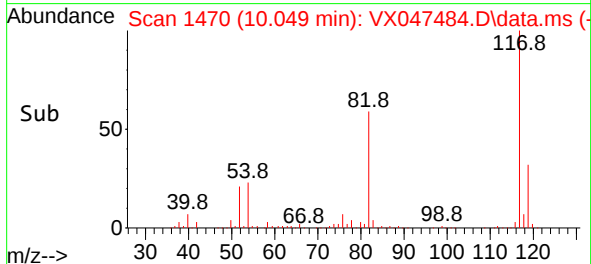
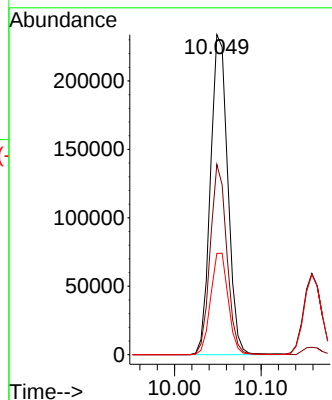
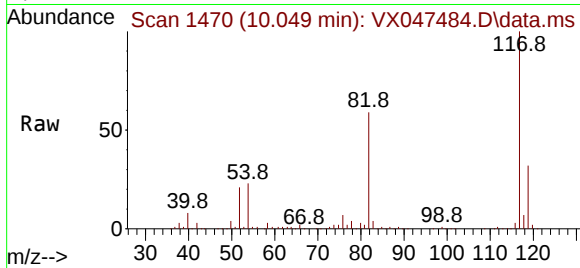




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

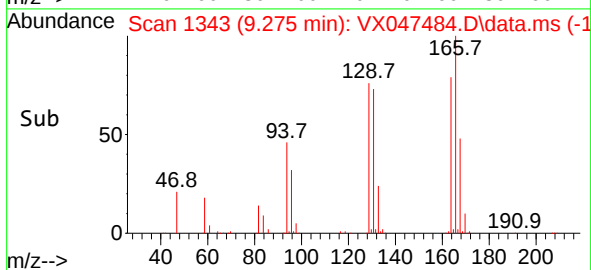
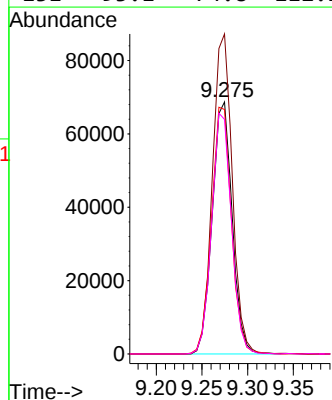
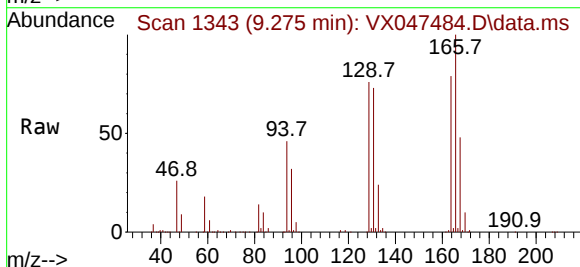
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

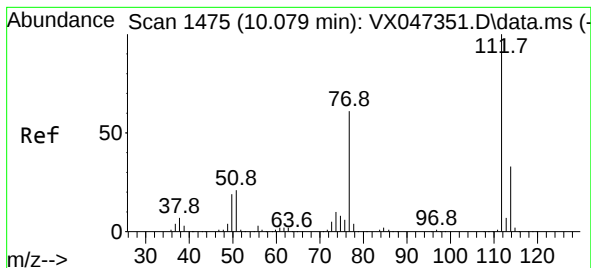
Tgt Ion:117 Resp: 324101
Ion Ratio Lower Upper
117 100
82 59.4 45.0 67.4
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 44.338 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:164 Resp: 103941
Ion Ratio Lower Upper
164 100
166 126.9 100.3 150.5
129 97.0 77.7 116.5
131 93.1 74.8 112.2

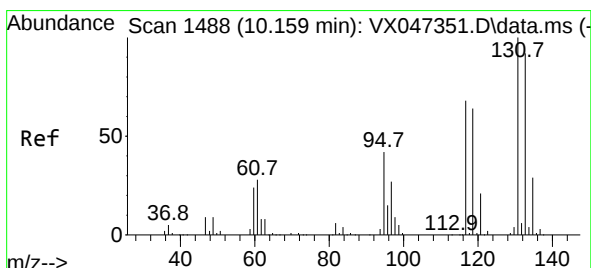
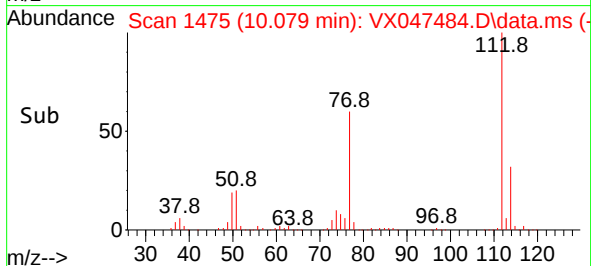
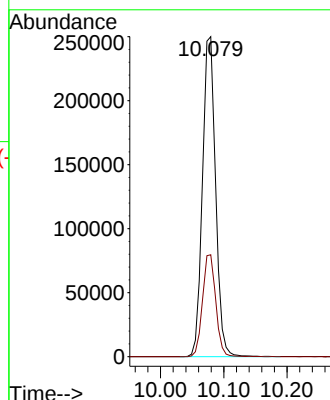
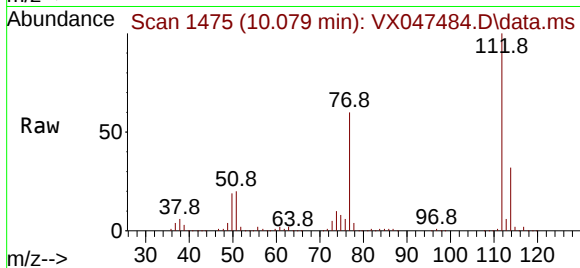




#65
Chlorobenzene
Concen: 47.055 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

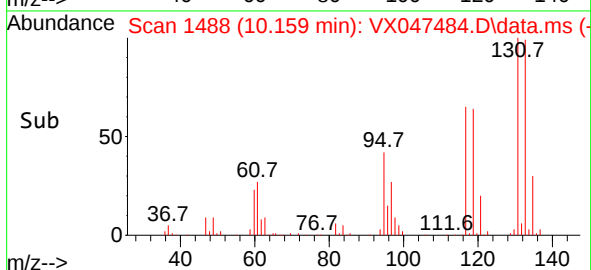
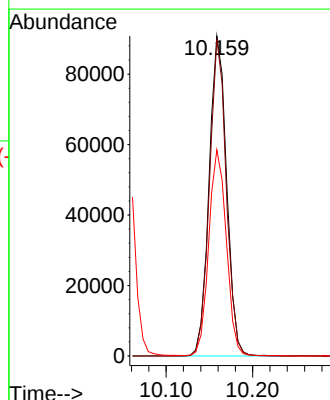
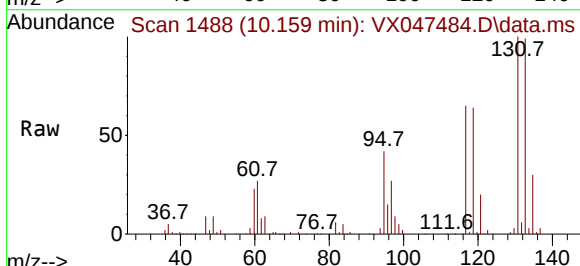
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

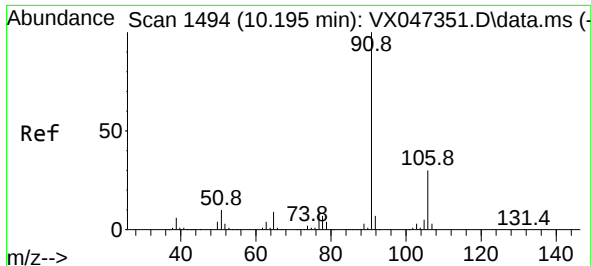
Tgt Ion:112 Resp: 362411
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.895 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:131 Resp: 127301
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.5 32.3 96.8





#67

Ethyl Benzene

Concen: 46.294 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

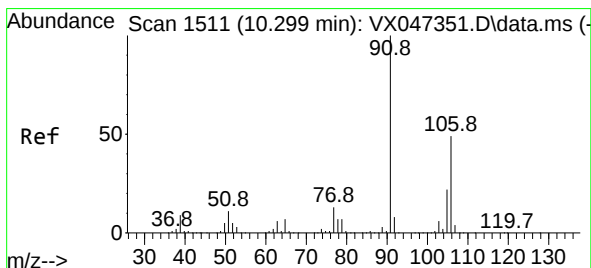
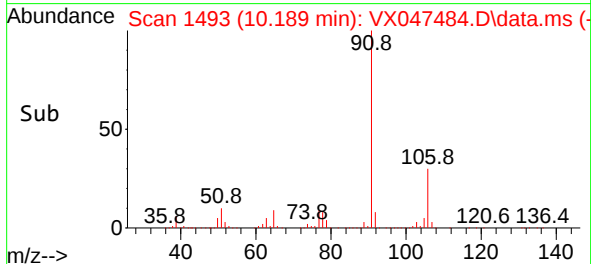
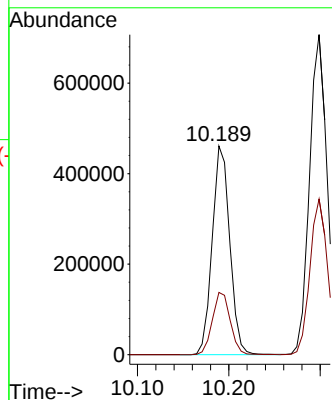
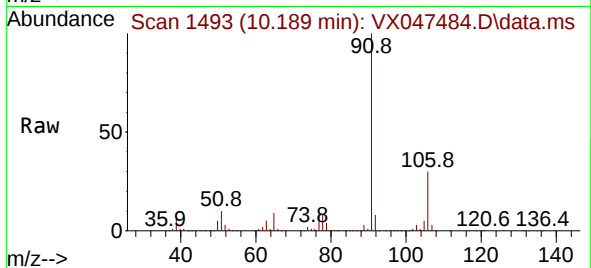
VSTDCCC050

Tgt Ion: 91 Resp: 613672

Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



#68

m/p-Xylenes

Concen: 94.196 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047484.D

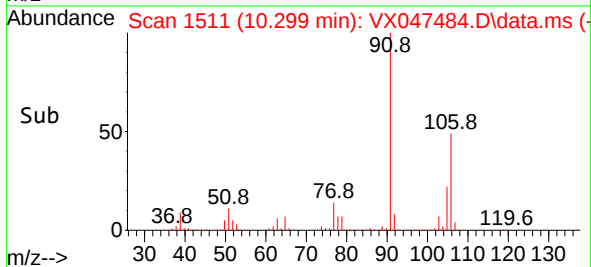
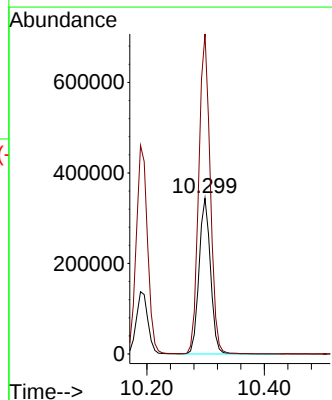
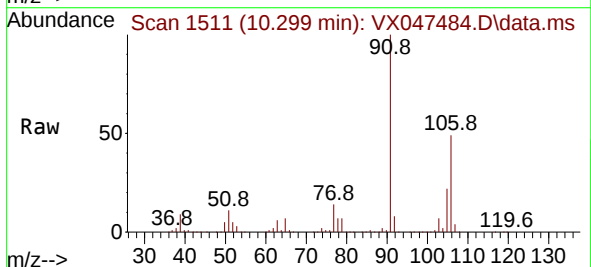
Acq: 22 Aug 2025 10:00

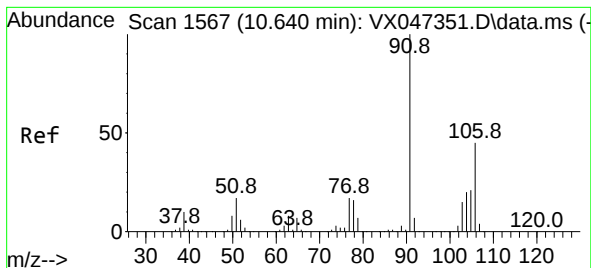
Tgt Ion: 106 Resp: 465601

Ion Ratio Lower Upper

106 100

91 205.9 164.7 247.1





#69

o-Xylene

Concen: 47.274 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

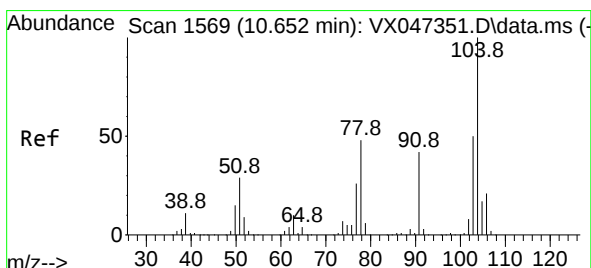
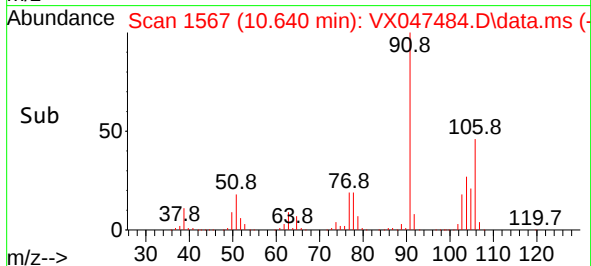
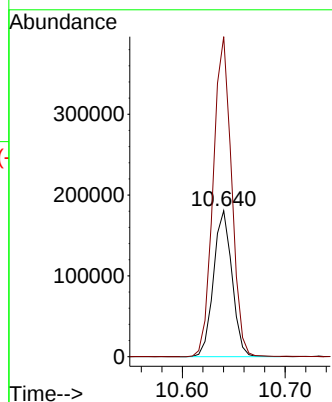
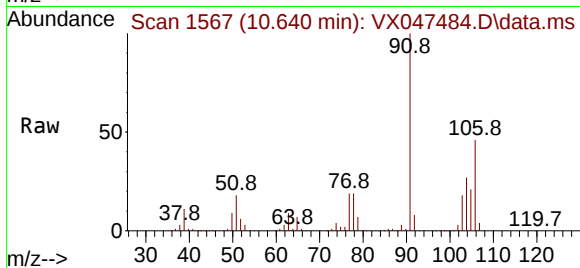
VSTDCCC050

Tgt Ion:106 Resp: 224870

Ion Ratio Lower Upper

106 100

91 218.8 110.6 331.8



#70

Styrene

Concen: 49.714 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

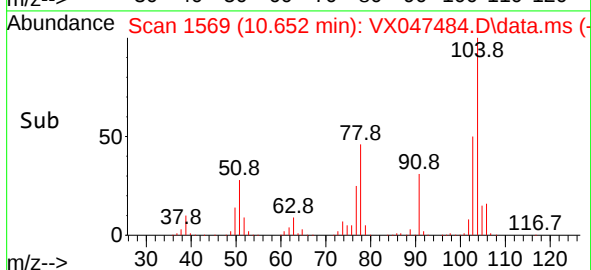
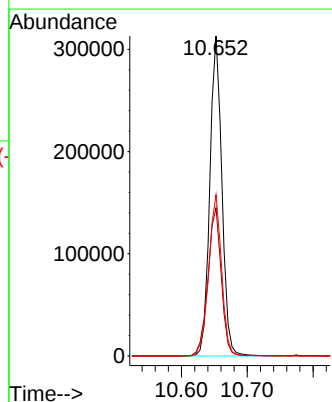
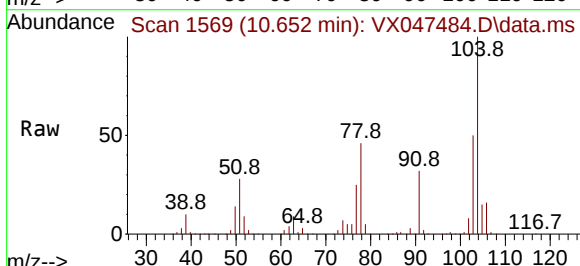
Tgt Ion:104 Resp: 399566

Ion Ratio Lower Upper

104 100

78 51.3 41.8 62.8

103 54.1 43.6 65.4





#71

Bromoform

Concen: 50.704 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

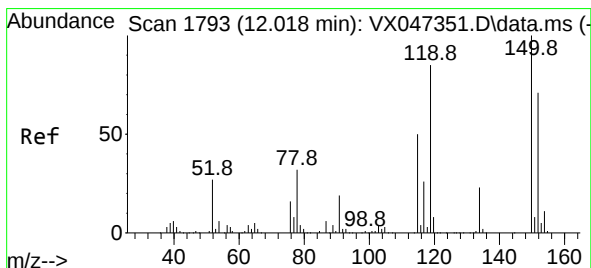
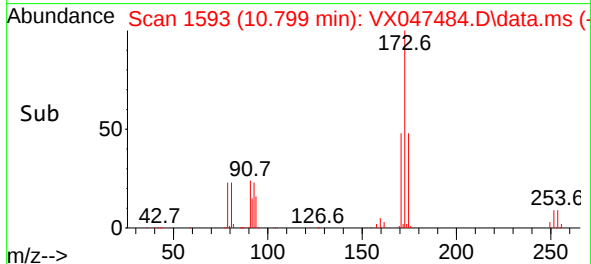
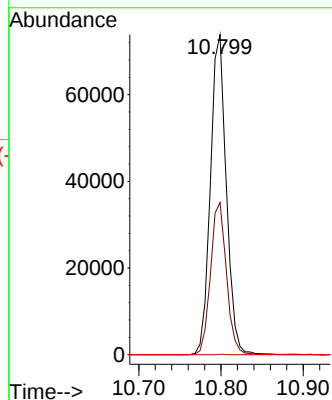
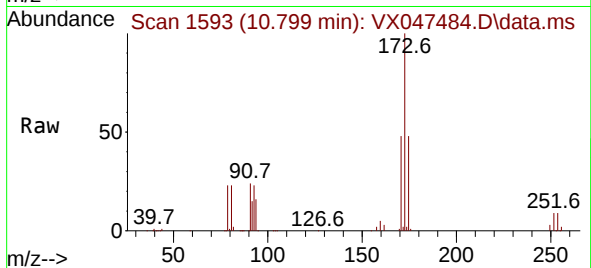
Tgt Ion:173 Resp: 99174

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

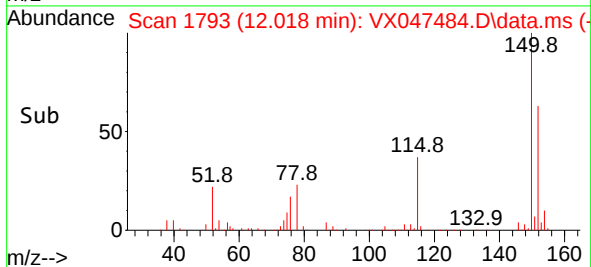
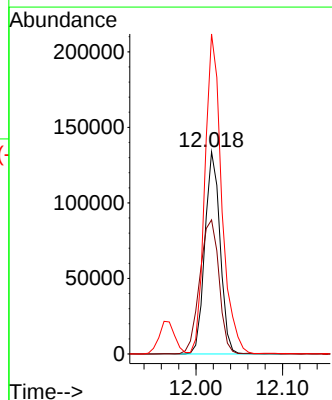
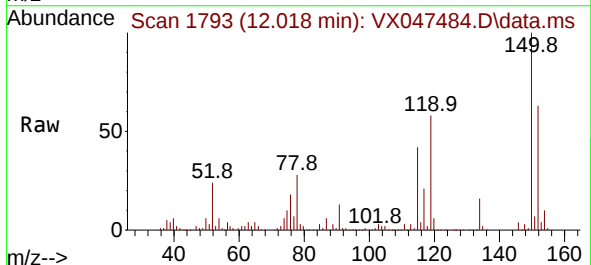
Tgt Ion:152 Resp: 162878

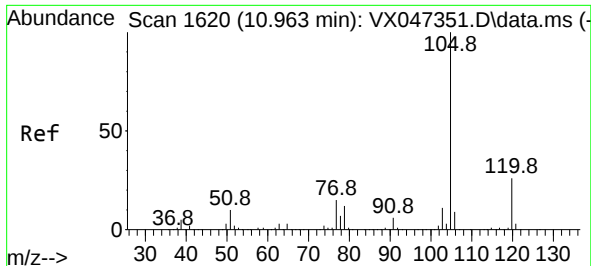
Ion Ratio Lower Upper

152 100

115 84.2 44.6 133.8

150 173.9 0.0 349.8

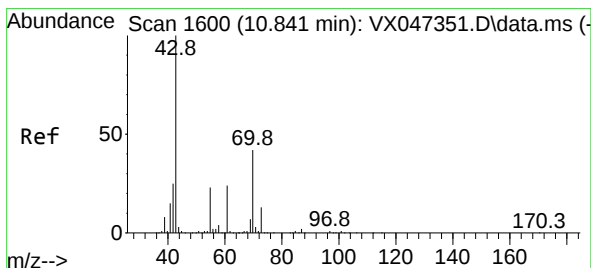
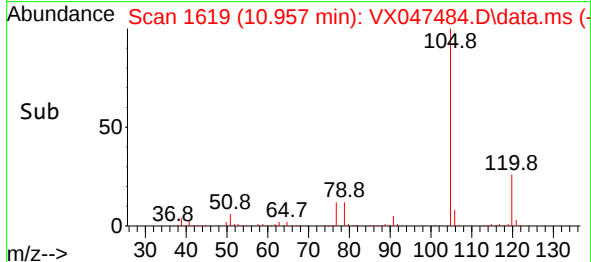
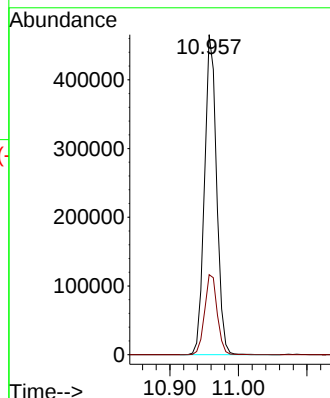
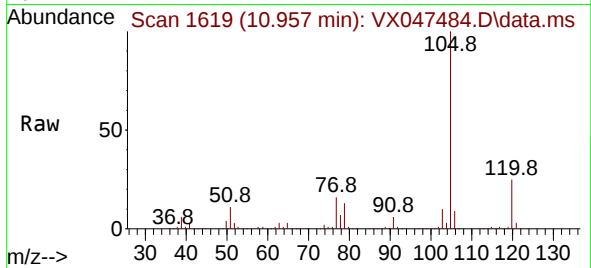




#73
Isopropylbenzene
Concen: 44.928 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

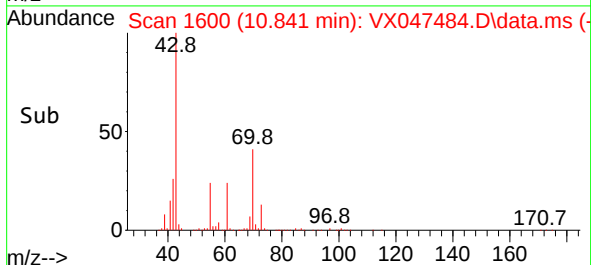
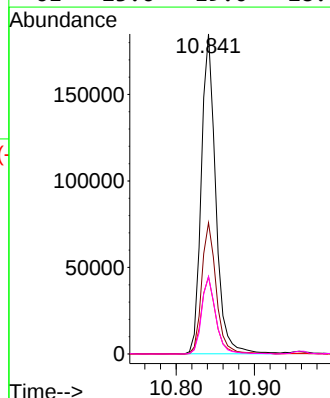
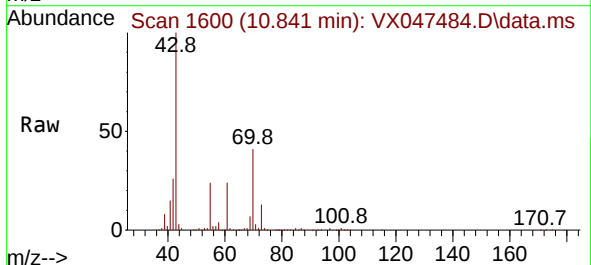
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

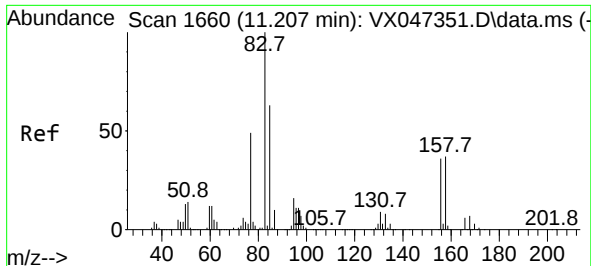
Tgt Ion:105 Resp: 572656
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 48.909 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 43 Resp: 236728
Ion Ratio Lower Upper
43 100
70 41.2 33.1 49.7
55 24.2 19.0 28.6
61 23.6 19.0 28.6

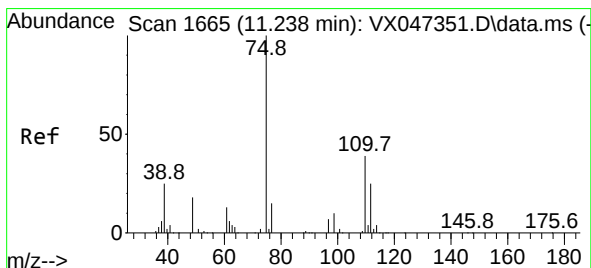
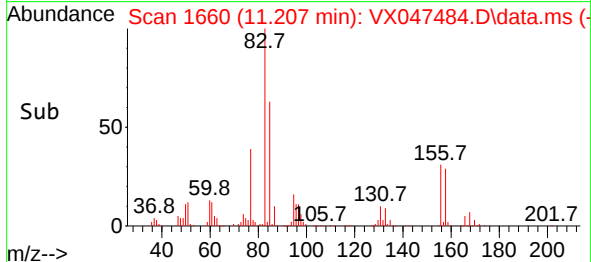
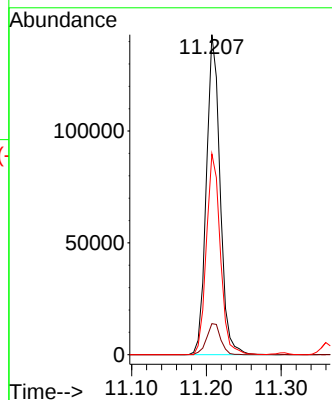
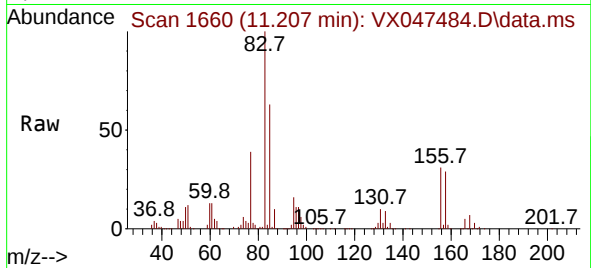




#75
1,1,2,2-Tetrachloroethane
Concen: 48.691 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

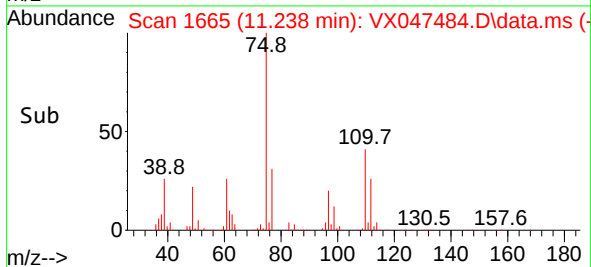
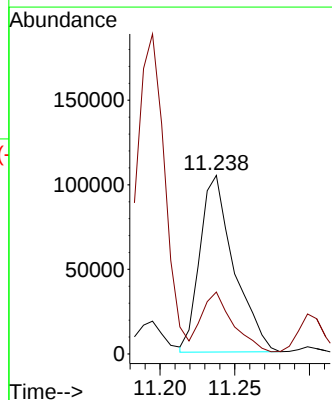
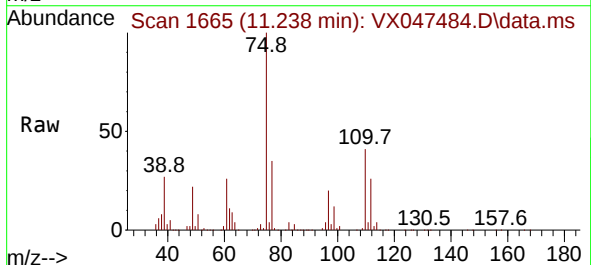
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

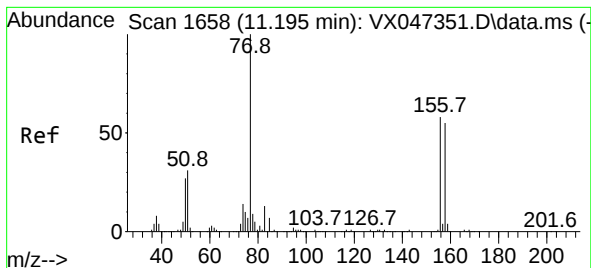
Tgt Ion: 83 Resp: 182217
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.7 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 55.468 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 75 Resp: 165702
Ion Ratio Lower Upper
75 100
77 33.2 19.4 58.2





#77

Bromobenzene

Concen: 47.082 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

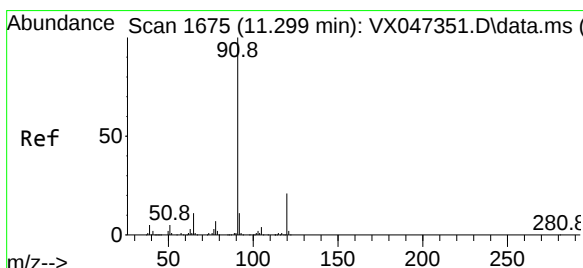
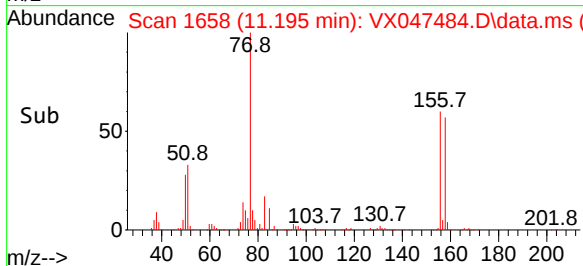
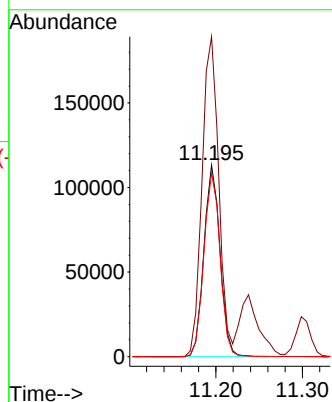
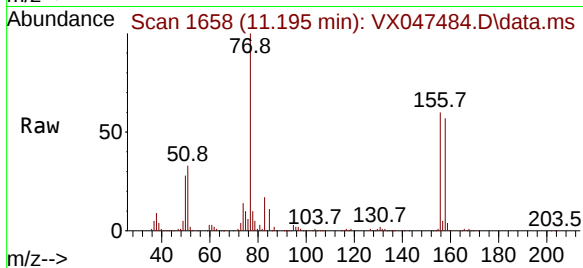
Tgt Ion:156 Resp: 146540

Ion Ratio Lower Upper

156 100

77 172.8 86.3 258.9

158 96.5 48.0 144.2



#78

n-propylbenzene

Concen: 45.159 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX047484.D

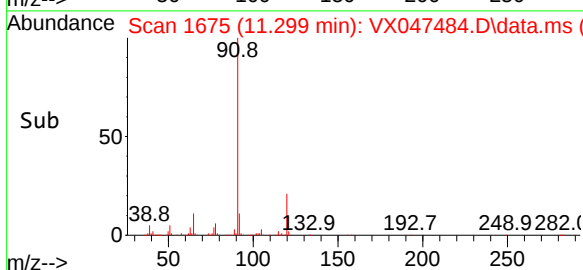
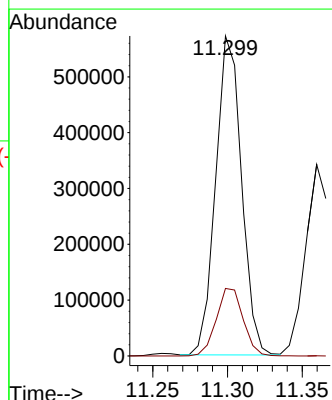
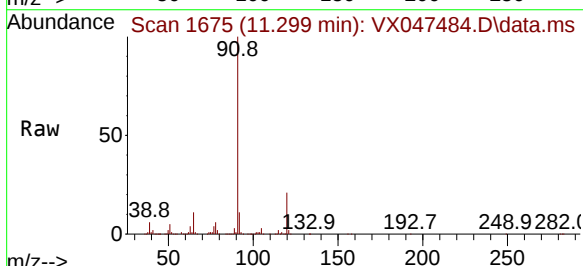
Acq: 22 Aug 2025 10:00

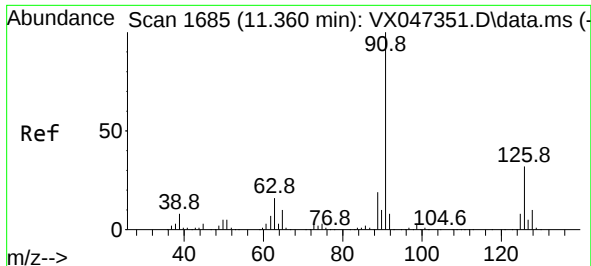
Tgt Ion: 91 Resp: 687439

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0

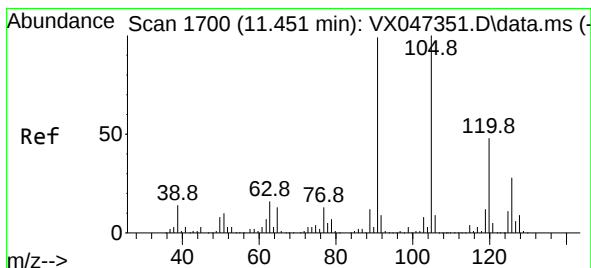
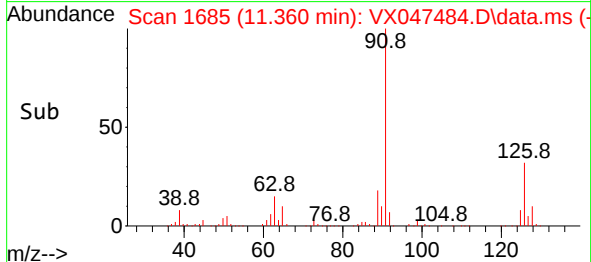
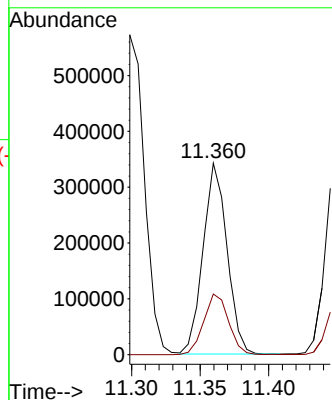
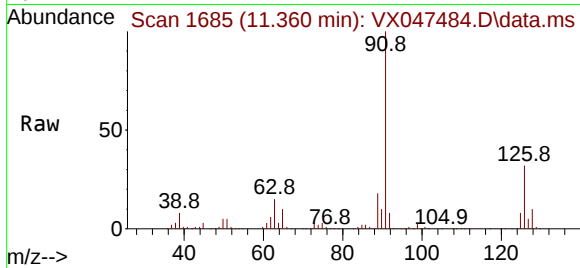




#79
2-Chlorotoluene
Concen: 45.189 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

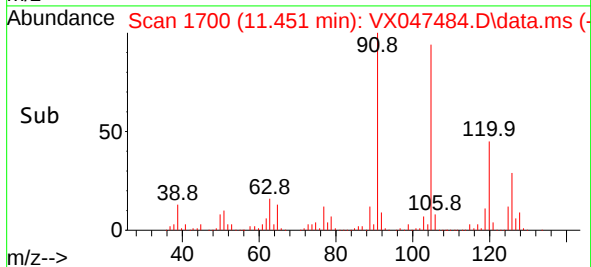
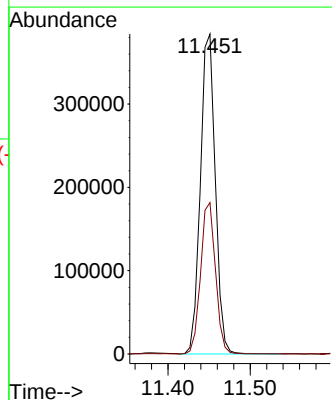
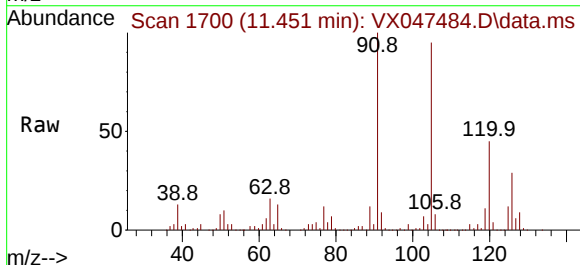
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

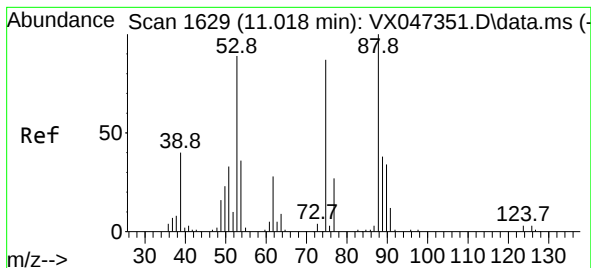
Tgt Ion: 91 Resp: 415839
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 46.188 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 105 Resp: 484384
Ion Ratio Lower Upper
105 100
120 47.2 23.9 71.7

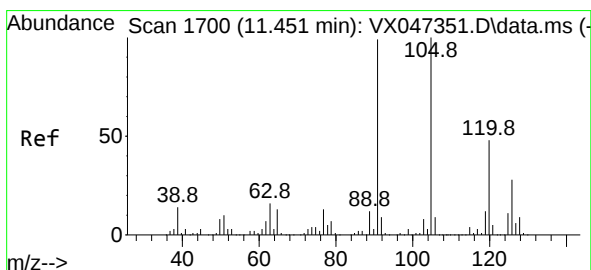
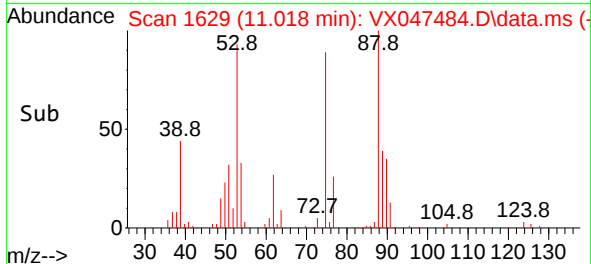
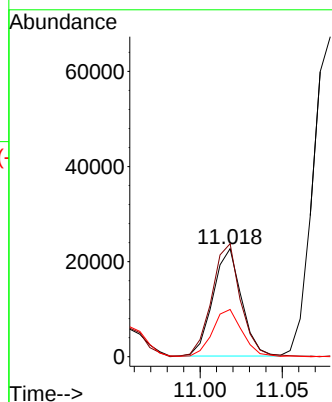
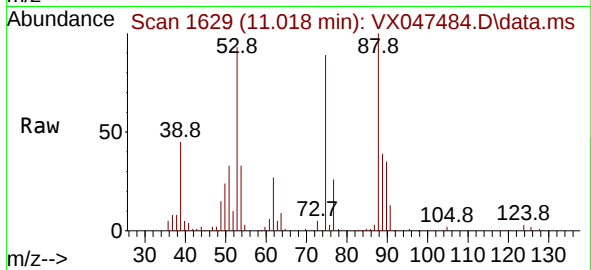




#81
trans-1,4-Dichloro-2-butene
Concen: 41.288 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

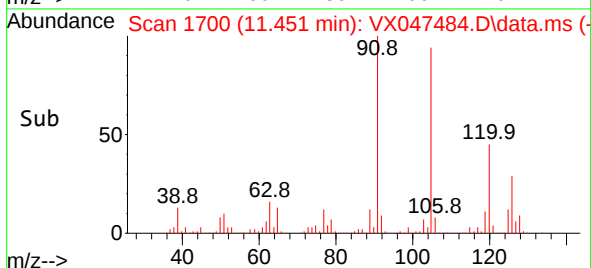
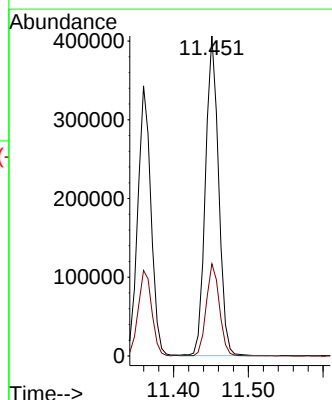
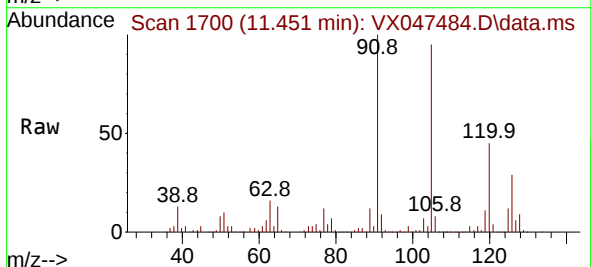
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

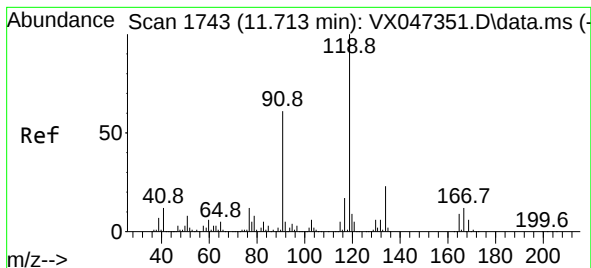
Tgt Ion: 75 Resp: 27258
Ion Ratio Lower Upper
75 100
53 107.0 85.2 127.8
89 46.2 36.7 55.1



#82
4-Chlorotoluene
Concen: 45.733 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 91 Resp: 496085
Ion Ratio Lower Upper
91 100
126 28.7 14.4 43.0





#83

tert-Butylbenzene

Concen: 46.111 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

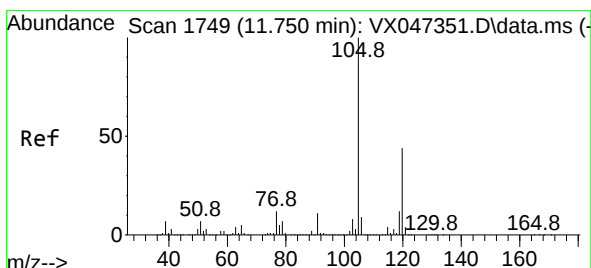
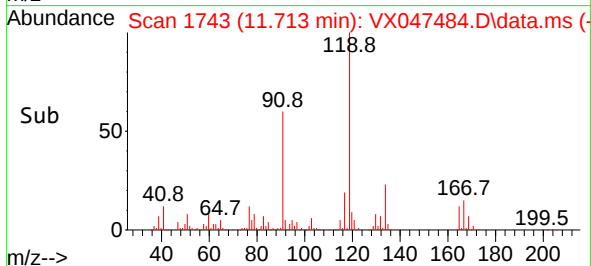
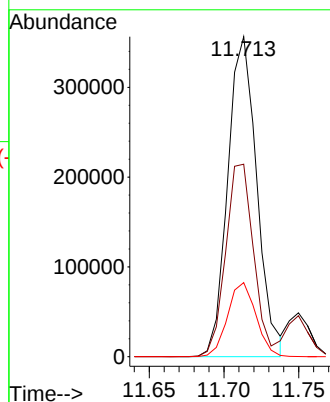
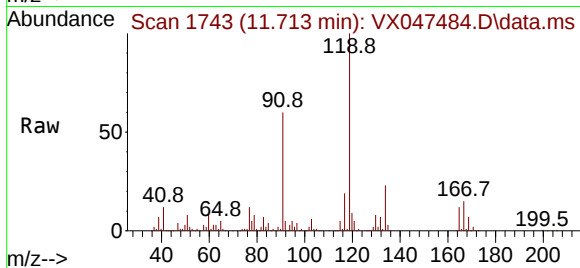
Tgt Ion:119 Resp: 482449

Ion Ratio Lower Upper

119 100

91 57.5 29.1 87.4

134 22.6 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 46.621 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047484.D

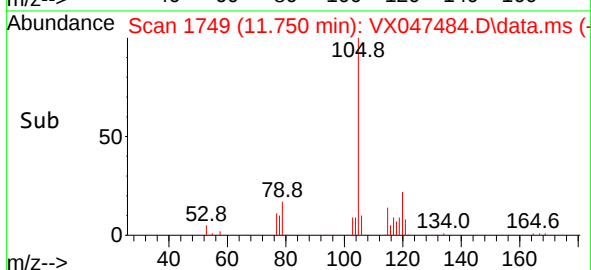
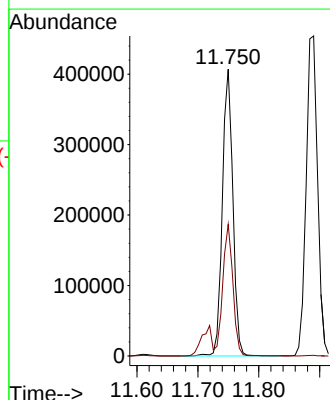
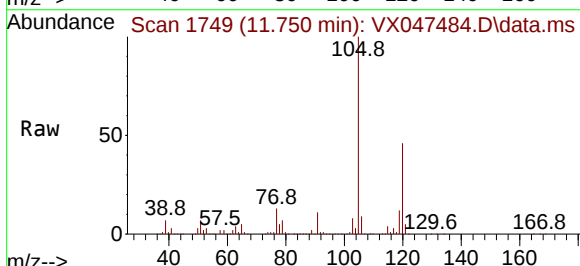
Acq: 22 Aug 2025 10:00

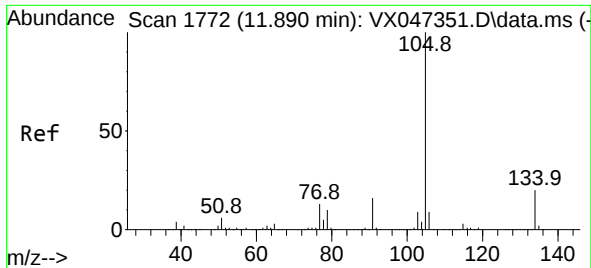
Tgt Ion:105 Resp: 488939

Ion Ratio Lower Upper

105 100

120 44.3 21.9 65.7

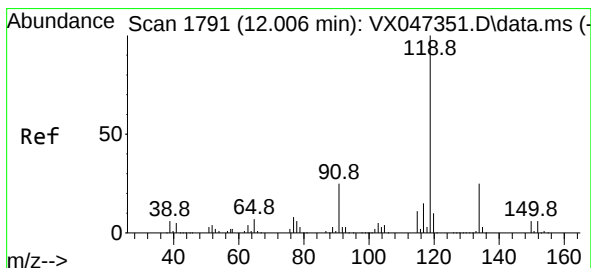
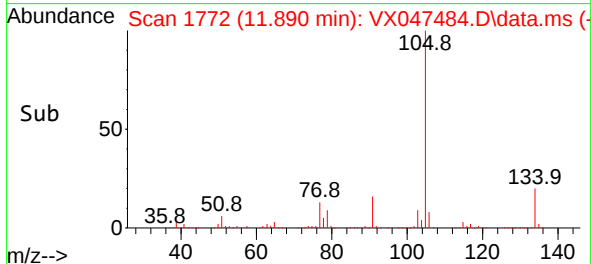
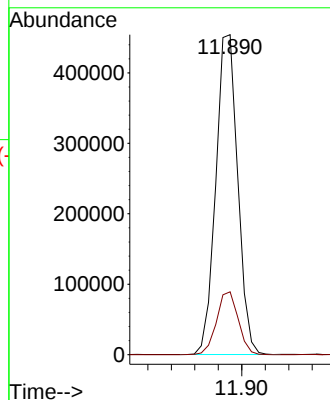
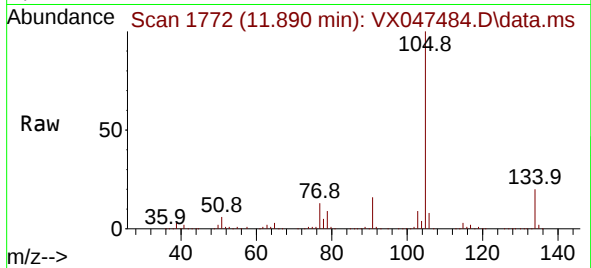




#85
 sec-Butylbenzene
 Concen: 45.359 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

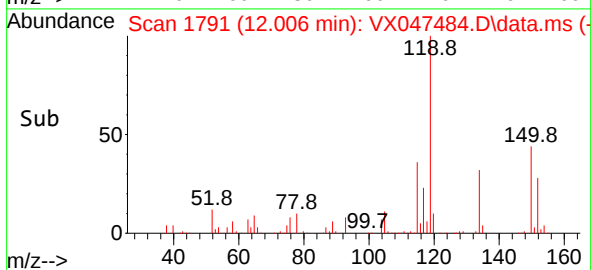
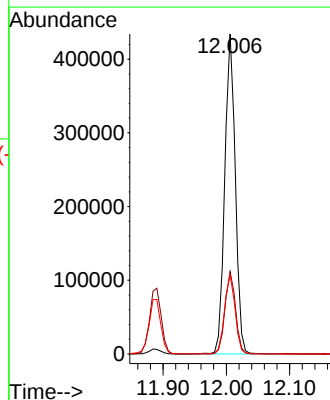
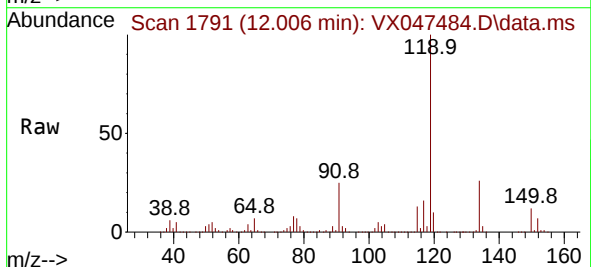
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

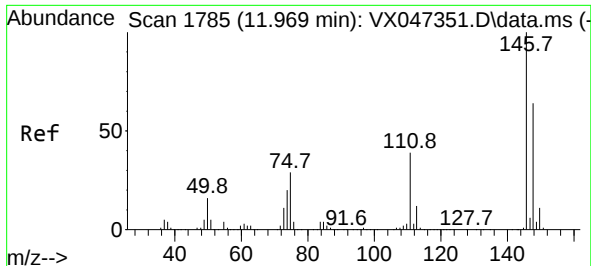
Tgt Ion:105 Resp: 588223
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 45.540 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

Tgt Ion:119 Resp: 499743
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.782 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

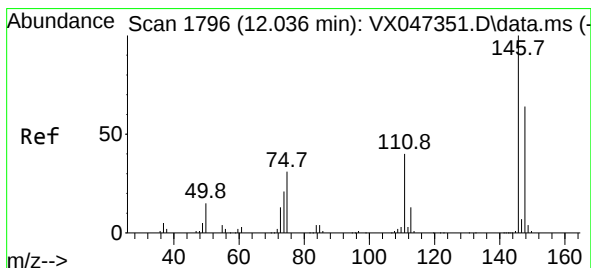
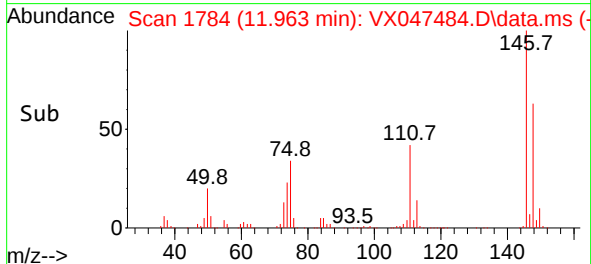
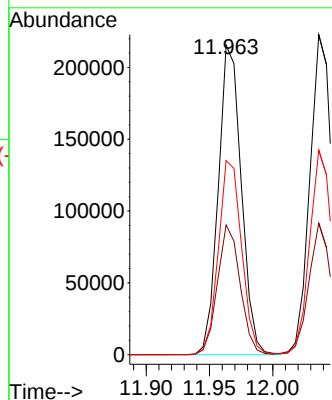
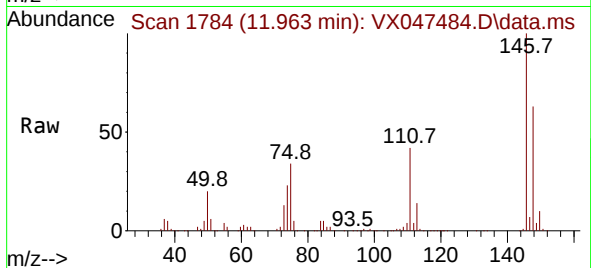
Tgt Ion:146 Resp: 272218

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.8

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 44.794 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

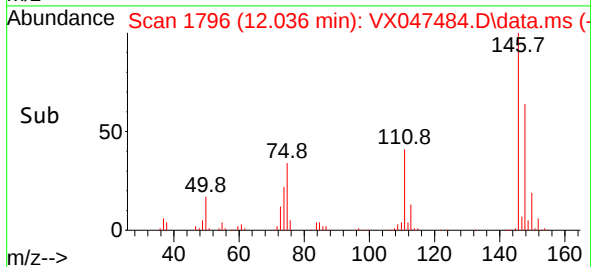
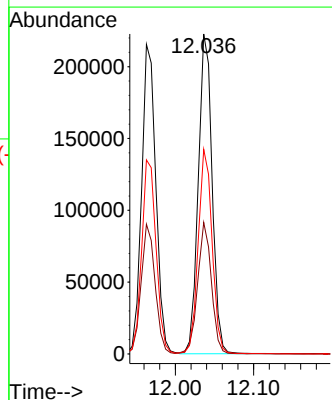
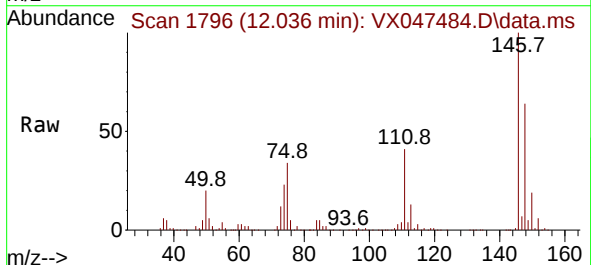
Tgt Ion:146 Resp: 273935

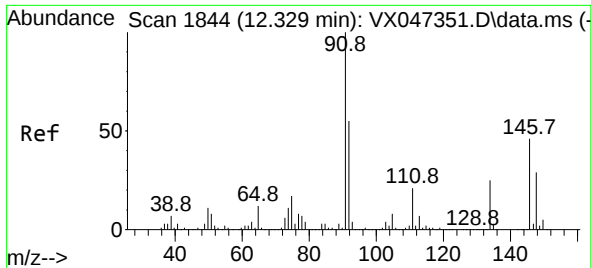
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

148 64.5 31.7 95.1

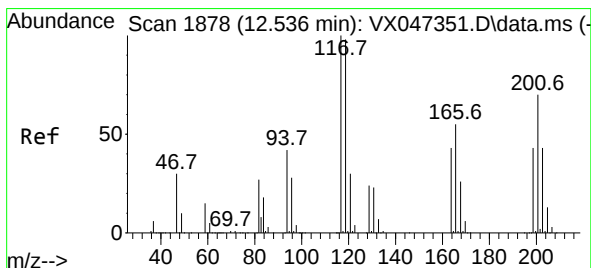
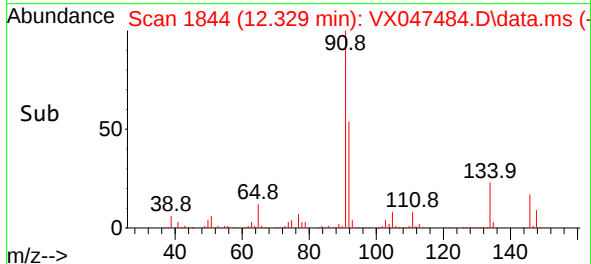
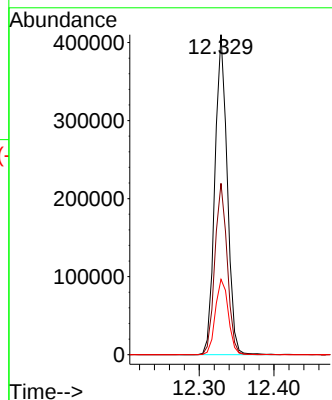
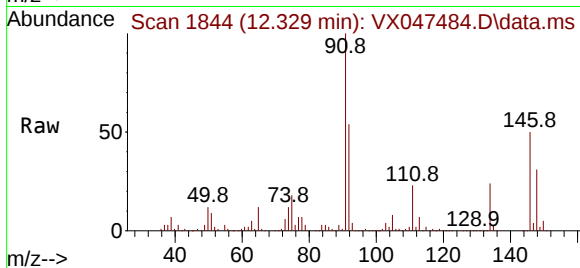




#89
n-Butylbenzene
Concen: 46.193 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

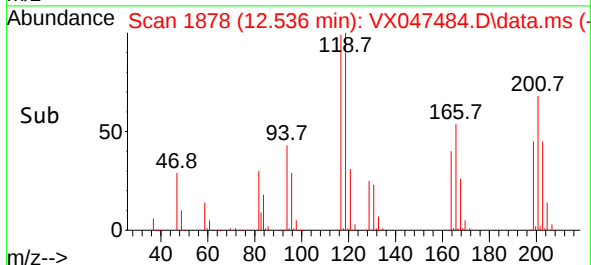
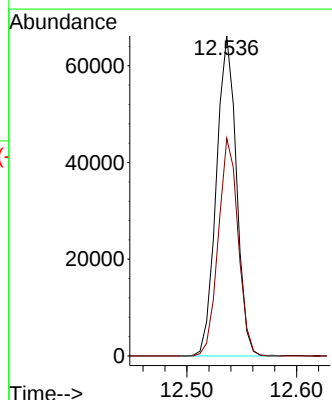
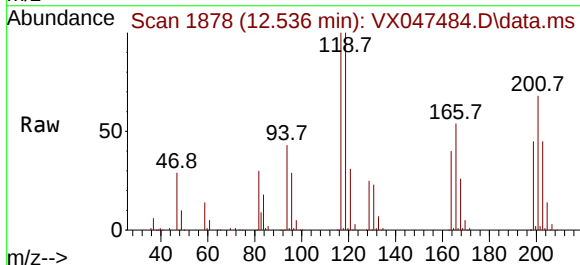
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

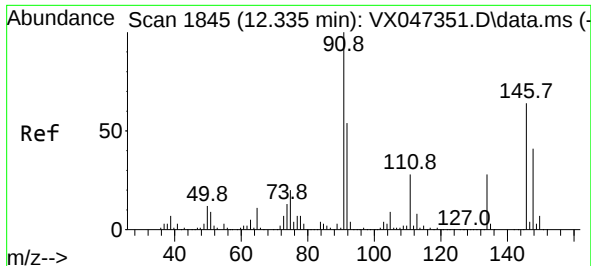
Tgt Ion: 91 Resp: 471493
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.5
134 24.6 12.6 37.8



#90
Hexachloroethane
Concen: 43.750 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 117 Resp: 84225
Ion Ratio Lower Upper
117 100
201 67.1 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 46.538 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

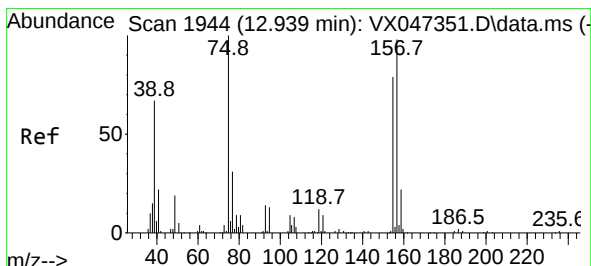
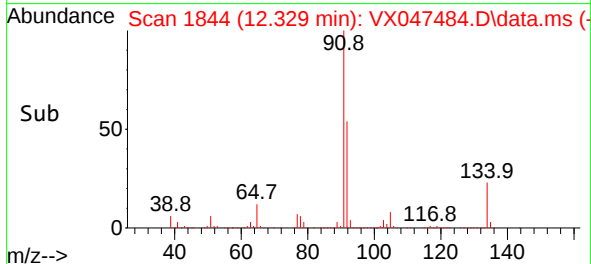
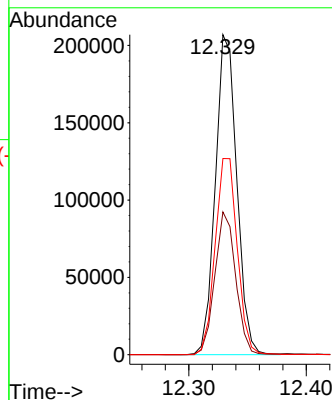
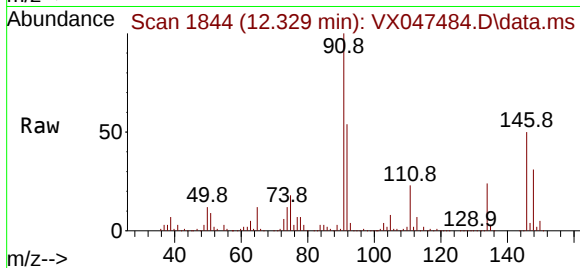
Tgt Ion:146 Resp: 262651

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.1

148 63.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.970 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

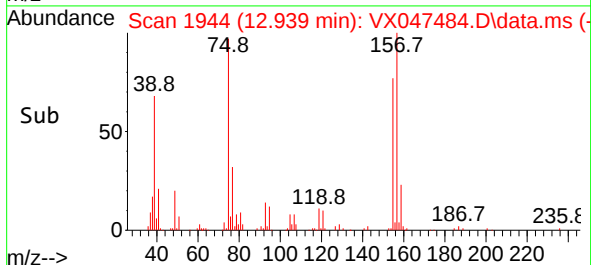
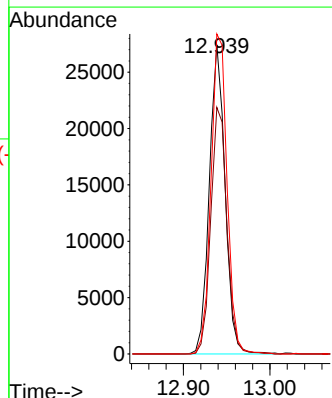
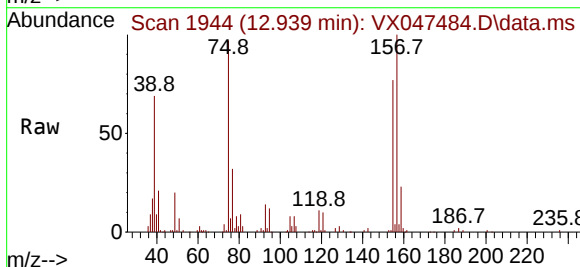
Tgt Ion: 75 Resp: 34717

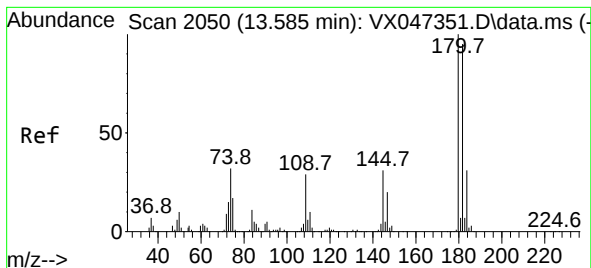
Ion Ratio Lower Upper

75 100

155 81.5 41.3 123.7

157 105.5 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 46.875 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

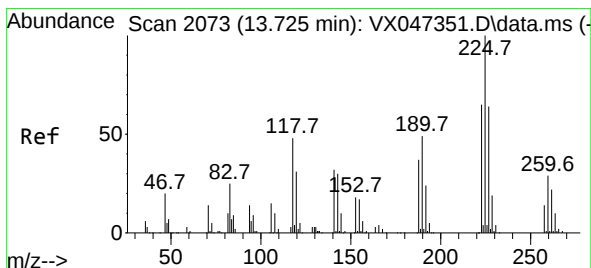
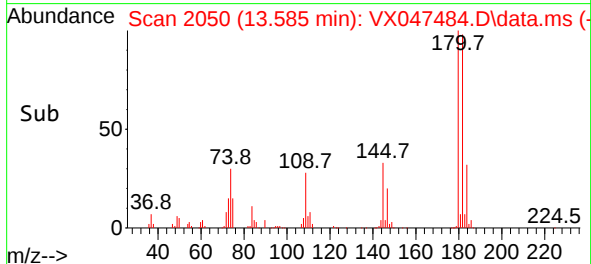
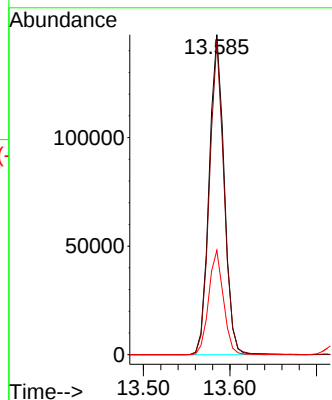
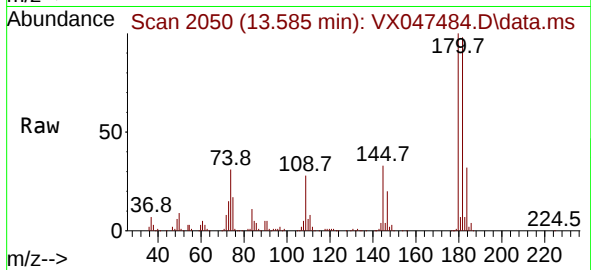
Tgt Ion:180 Resp: 177352

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.4

145 32.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 46.878 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

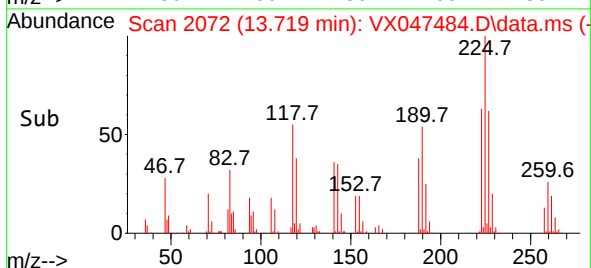
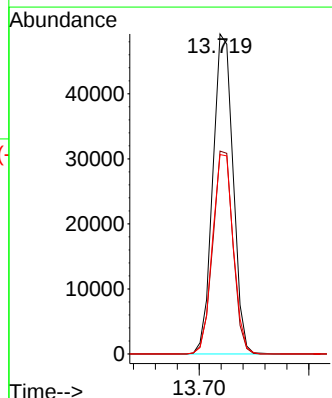
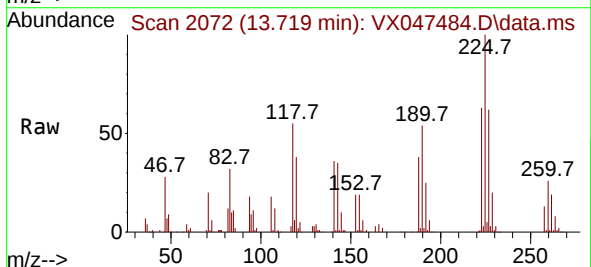
Tgt Ion:225 Resp: 63133

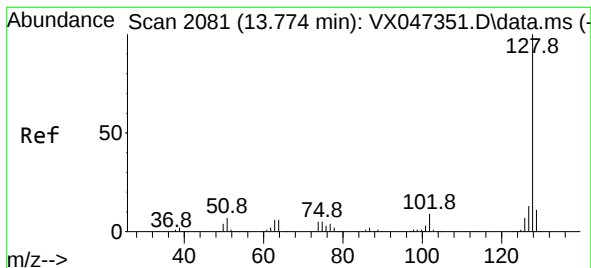
Ion Ratio Lower Upper

225 100

223 62.9 32.2 96.6

227 63.9 31.6 95.0





#95

Naphthalene

Concen: 49.933 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

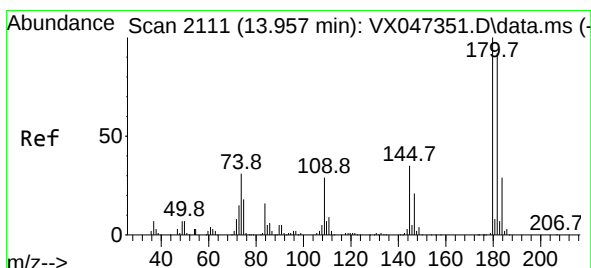
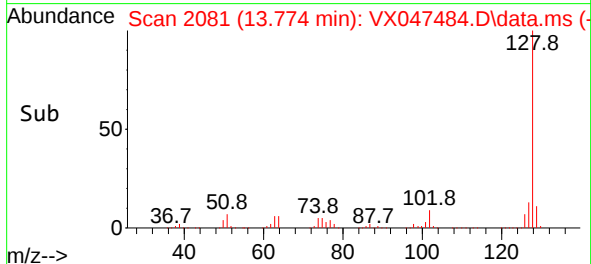
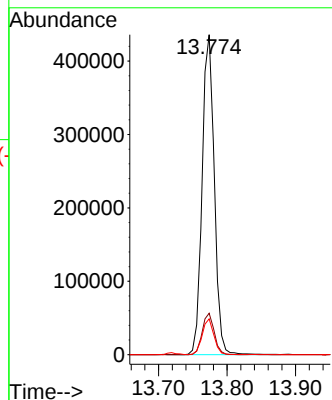
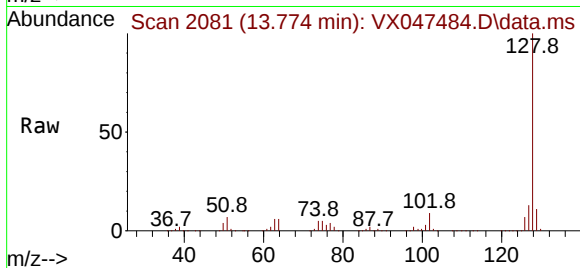
Tgt Ion:128 Resp: 539890

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.511 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Tgt Ion:180 Resp: 169441

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.2

145 35.1 17.4 52.2

