

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023692.D
 Acq On : 06 Nov 2025 08:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 07 04:11:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	535947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	779935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	686552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	343829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	231061	50.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.634	113	253987	52.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.220%	
50) Toluene-d8	10.109	98	977701	53.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.408	95	319587	54.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	153719	43.694	ug/l	97
3) Chloromethane	2.074	50	236313	48.001	ug/l	99
4) Vinyl Chloride	2.208	62	303842	47.430	ug/l	99
5) Bromomethane	2.598	94	240985	44.720	ug/l	97
6) Chloroethane	2.739	64	216012	48.787	ug/l	99
7) Trichlorofluoromethane	3.062	101	429485	47.603	ug/l	99
8) Diethyl Ether	3.458	74	111487	46.079	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	242221	48.727	ug/l	99
10) Methyl Iodide	4.007	142	304822	51.929	ug/l	99
11) Tert butyl alcohol	4.860	59	63352	214.909	ug/l	100
12) 1,1-Dichloroethene	3.793	96	233341	48.730	ug/l	99
13) Acrolein	3.653	56	72090	190.265	ug/l	99
14) Allyl chloride	4.391	41	298881	51.279	ug/l	99
15) Acrylonitrile	5.061	53	227513	246.060	ug/l	99
16) Acetone	3.866	43	297849	262.102	ug/l	95
17) Carbon Disulfide	4.110	76	734844	50.000	ug/l	99
18) Methyl Acetate	4.385	43	118452	47.257	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	541443	48.763	ug/l	99
20) Methylene Chloride	4.616	84	264205	48.161	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	274819	50.901	ug/l	99
22) Diisopropyl ether	6.025	45	684904	52.737	ug/l	99
23) Vinyl Acetate	5.964	43	1800742	259.826	ug/l	99
24) 1,1-Dichloroethane	5.921	63	436899	50.497	ug/l	100
25) 2-Butanone	6.896	43	321194	244.465	ug/l	99
26) 2,2-Dichloropropane	6.884	77	408917	51.381	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	310205	50.307	ug/l	98
28) Bromochloromethane	7.250	49	168937	50.995	ug/l	97
29) Tetrahydrofuran	7.262	42	171724	245.417	ug/l	97
30) Chloroform	7.427	83	490108	50.771	ug/l	100
31) Cyclohexane	7.707	56	368358	48.888	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	432084	50.080	ug/l	99
36) 1,1-Dichloropropene	7.841	75	339044	52.056	ug/l	98
37) Ethyl Acetate	6.988	43	128432	50.938	ug/l	97
38) Carbon Tetrachloride	7.823	117	396586	51.680	ug/l	99
39) Methylcyclohexane	9.109	83	430837	51.771	ug/l	96
40) Benzene	8.085	78	1071461	52.191	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	56774	41.252	ug/l	87
42) 1,2-Dichloroethane	8.158	62	261084	50.268	ug/l	99
43) Isopropyl Acetate	8.201	43	229436	48.431	ug/l	98
44) Trichloroethene	8.866	130	295321	50.084	ug/l	99
45) 1,2-Dichloropropane	9.140	63	233932	51.631	ug/l	99
46) Dibromomethane	9.231	93	141674	50.465	ug/l	97
47) Bromodichloromethane	9.426	83	366848	51.829	ug/l	99
48) Methyl methacrylate	9.225	41	112802	50.398	ug/l	99
49) 1,4-Dioxane	9.225	88	29230	1017.395	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	630843	250.399	ug/l	99
52) Toluene	10.170	92	698091	53.262	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	308969	51.590	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	373395	52.038	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	190645	50.815	ug/l	95
56) Ethyl methacrylate	10.438	69	210565	50.939	ug/l	99
57) 1,3-Dichloropropane	10.719	76	304445	51.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	490497	258.588	ug/l	98
59) 2-Hexanone	10.762	43	469572	255.473	ug/l	99
60) Dibromochloromethane	10.914	129	258963	50.236	ug/l	99
61) 1,2-Dibromoethane	11.018	107	176512	50.132	ug/l	99
64) Tetrachloroethene	10.652	164	356458	49.883	ug/l	98
65) Chlorobenzene	11.444	112	760981	50.915	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	269685	51.027	ug/l	99
67) Ethyl Benzene	11.518	91	1301401	53.799	ug/l	97
68) m/p-Xylenes	11.627	106	1046555	108.286	ug/l	100
69) o-Xylene	11.957	106	474104	53.067	ug/l	97
70) Styrene	11.969	104	797122	54.077	ug/l	99
71) Bromoform	12.133	173	152278	49.333	ug/l	100
73) Isopropylbenzene	12.255	105	1247196	54.235	ug/l	100
74) N-amyl acetate	12.072	43	193086	49.594	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	180988	49.279	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	250741	90.109	ug/l #	100
77) Bromobenzene	12.536	156	306426	51.371	ug/l	97
78) n-propylbenzene	12.597	91	1475672	54.555	ug/l	100
79) 2-Chlorotoluene	12.682	91	844237	53.786	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1033388	55.309	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	61422	49.884	ug/l	97
82) 4-Chlorotoluene	12.780	91	868577	53.657	ug/l	100
83) tert-Butylbenzene	12.999	119	913367	53.674	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1021769	55.213	ug/l	100
85) sec-Butylbenzene	13.176	105	1328351	54.121	ug/l	100
86) p-Isopropyltoluene	13.292	119	1133654	54.561	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	598647	50.991	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	582564	50.514	ug/l	100
89) n-Butylbenzene	13.615	91	997124	55.188	ug/l	99
90) Hexachloroethane	13.877	117	229647	51.431	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	513536	50.757	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26567	46.980	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	290360	50.173	ug/l	99
94) Hexachlorobutadiene	15.023	225	193773	51.103	ug/l	99
95) Naphthalene	15.145	128	424304	42.786	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	238992	49.428	ug/l	99

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QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

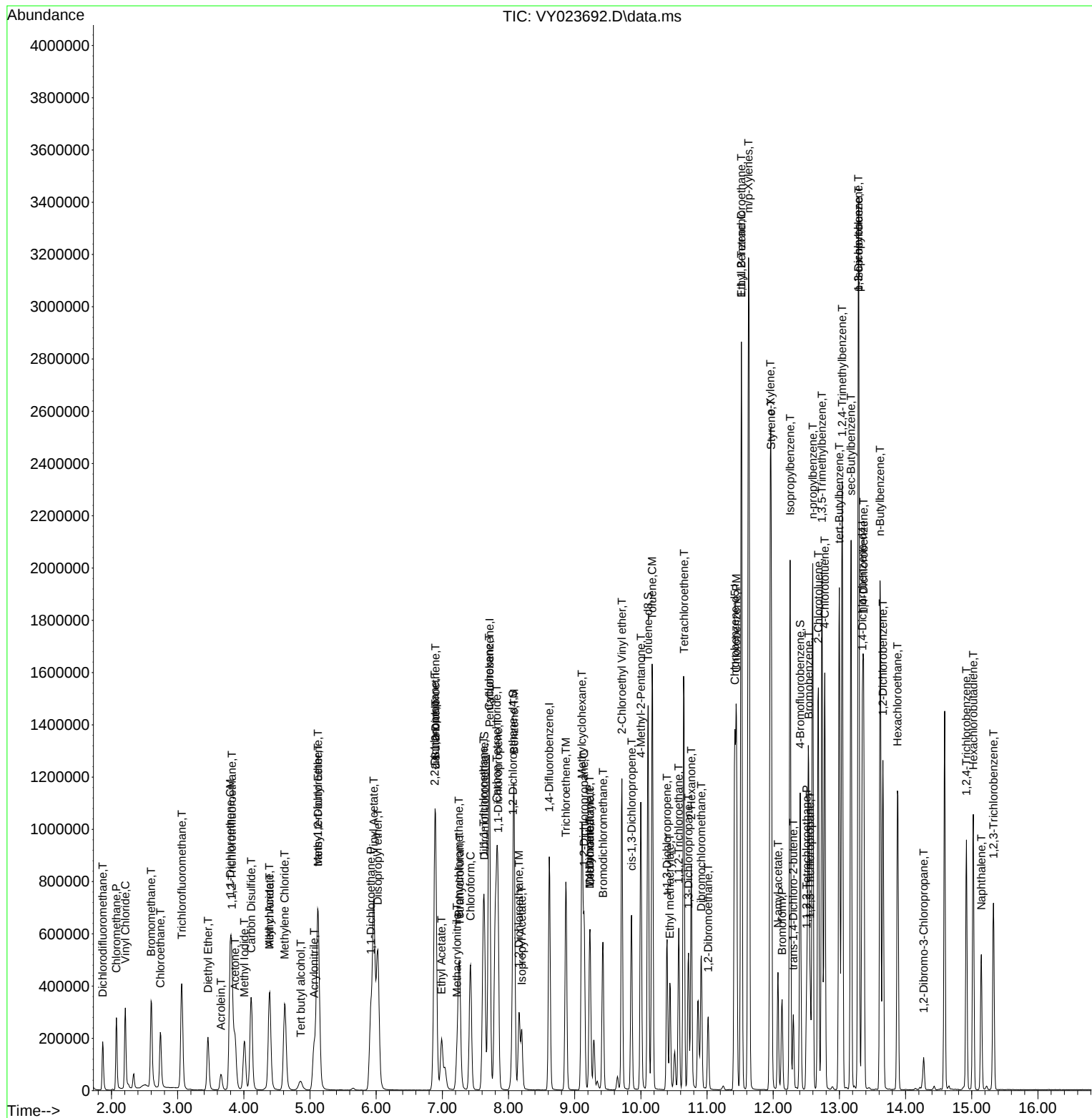
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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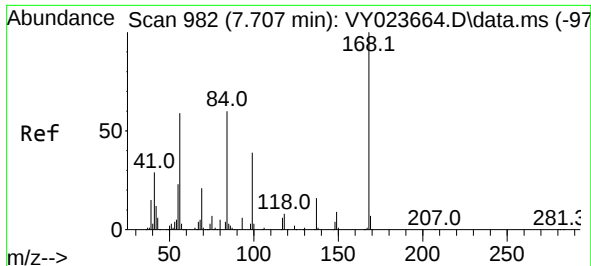
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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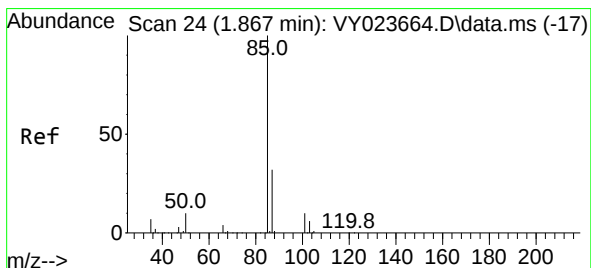
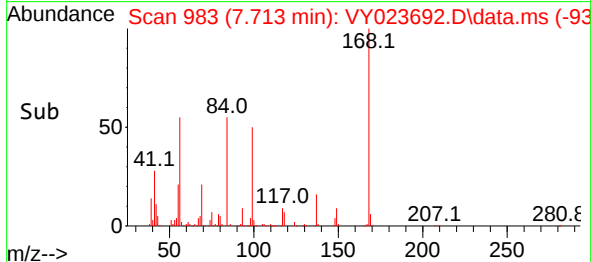
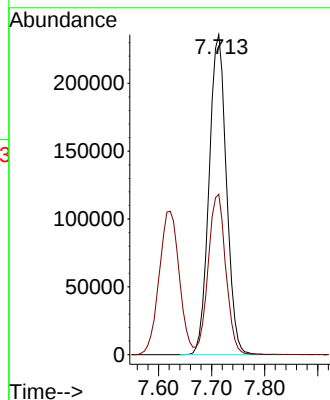
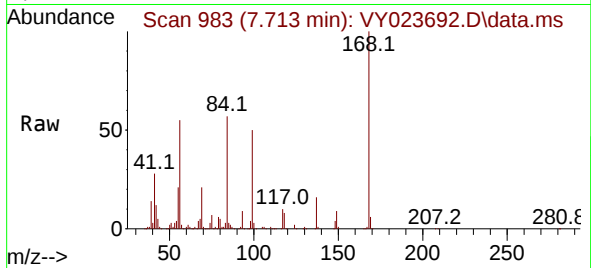




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023692.D
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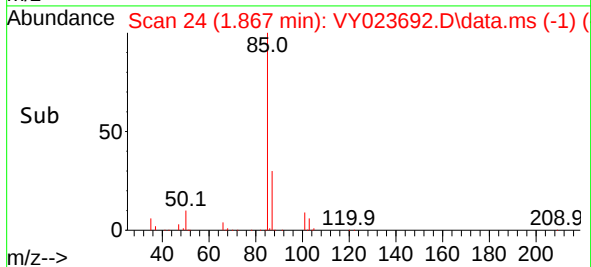
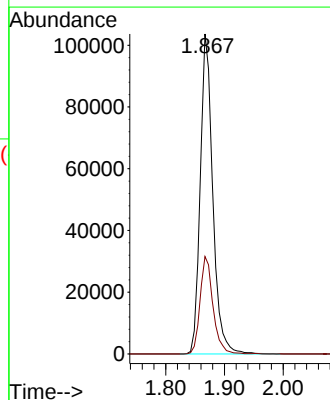
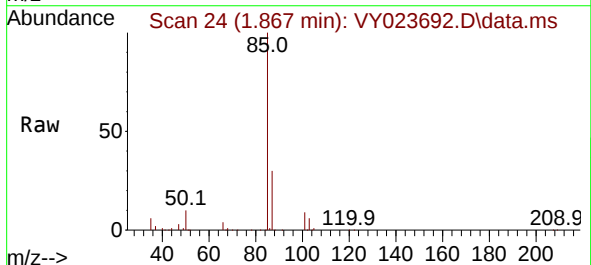
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

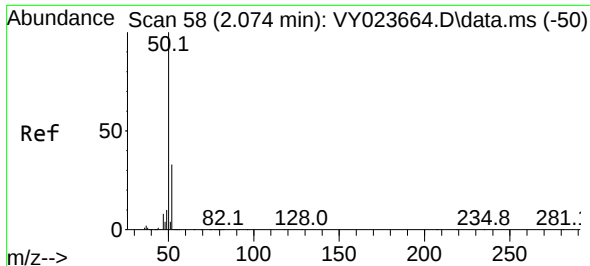
Tgt Ion:168 Resp: 535947
Ion Ratio Lower Upper
168 100
99 50.0 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 43.694 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 85 Resp: 153719
Ion Ratio Lower Upper
85 100
87 30.5 16.2 48.6

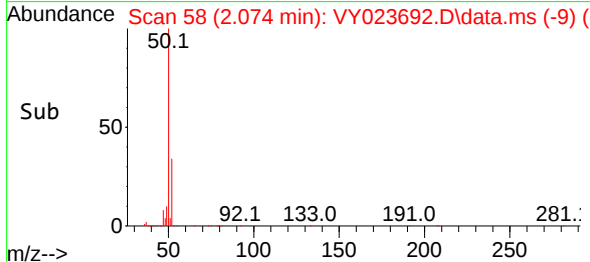
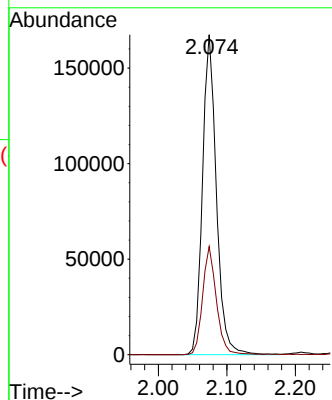
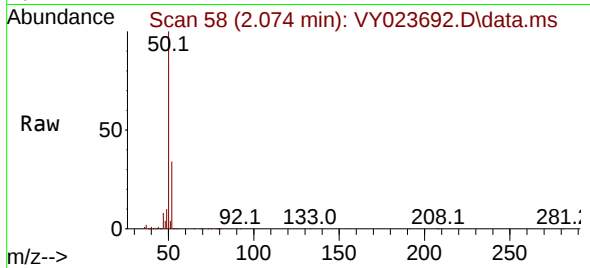




#3
Chloromethane
Concen: 48.001 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

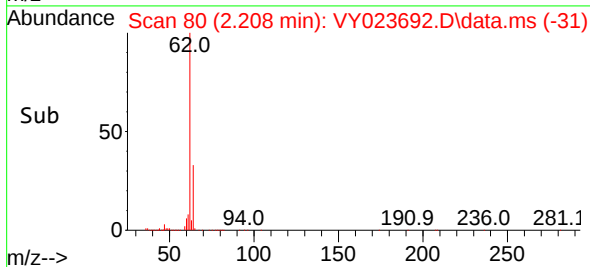
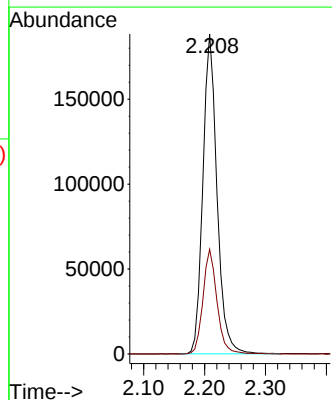
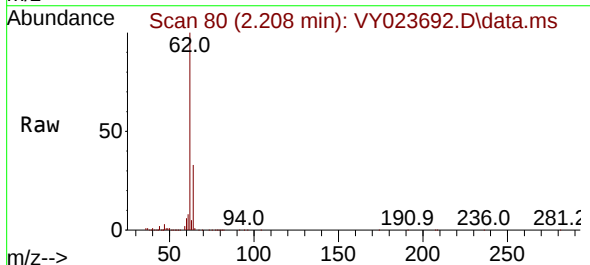
Instrument :
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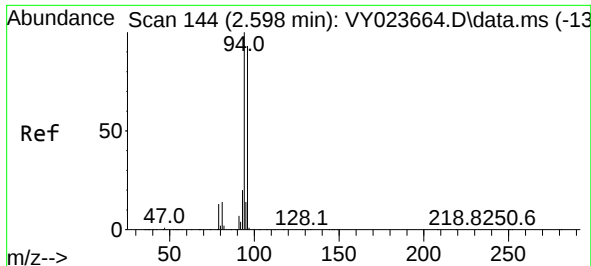
Tgt Ion: 50 Resp: 236313
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 47.430 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 62 Resp: 303842
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5

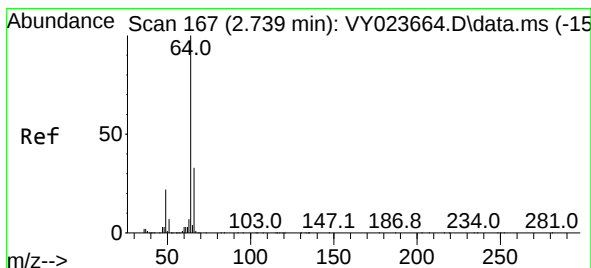
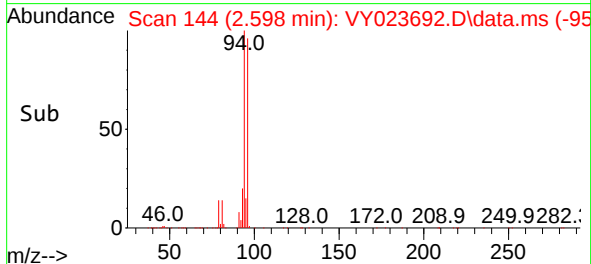
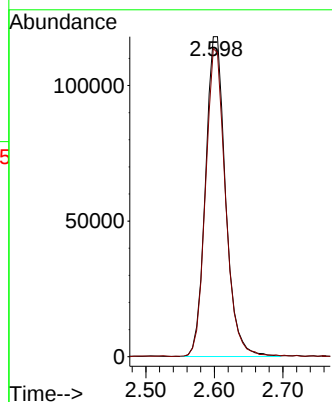
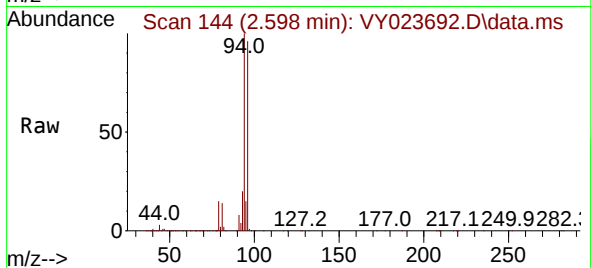




#5
Bromomethane
Concen: 44.720 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023692.D
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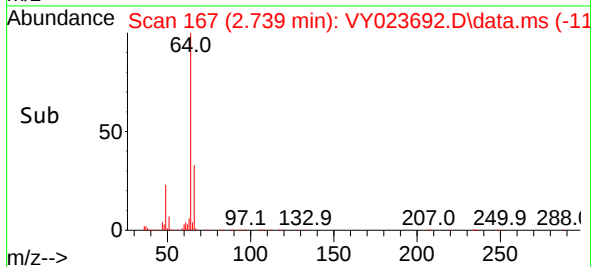
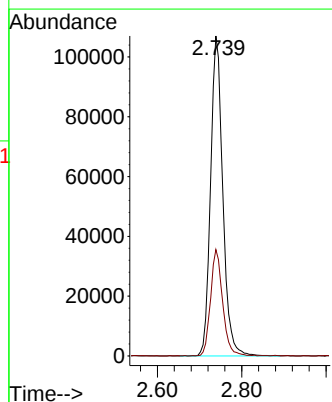
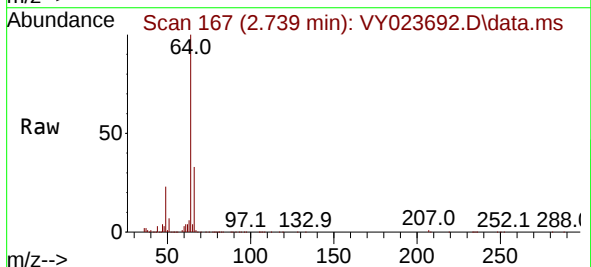
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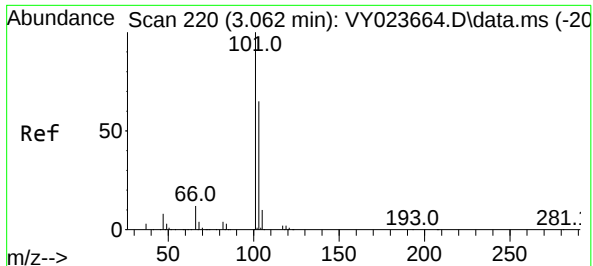
Tgt Ion: 94 Resp: 240985
Ion Ratio Lower Upper
94 100
96 96.2 74.4 111.6



#6
Chloroethane
Concen: 48.787 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 64 Resp: 216012
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4

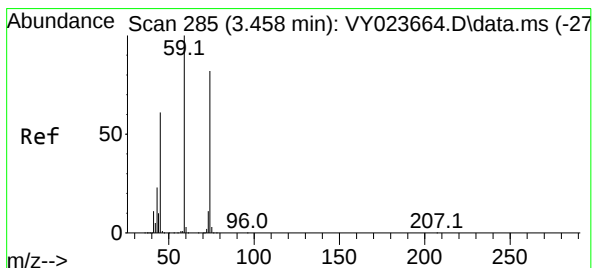
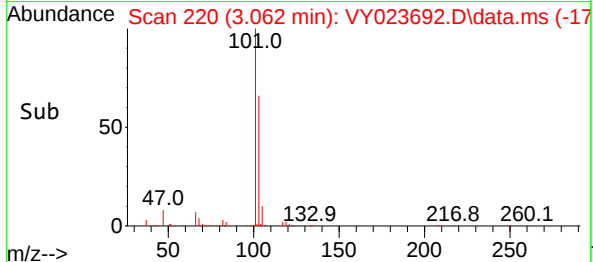
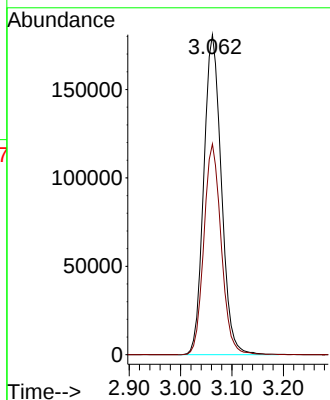
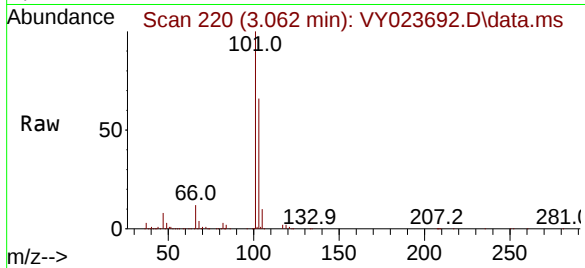




#7
 Trichlorofluoromethane
 Concen: 47.603 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023692.D
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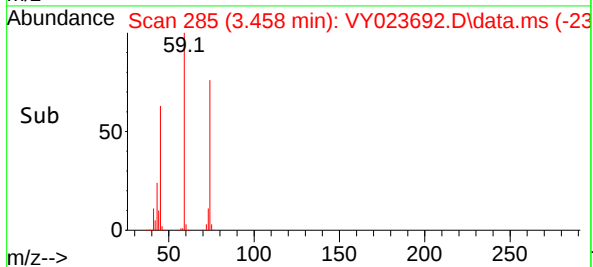
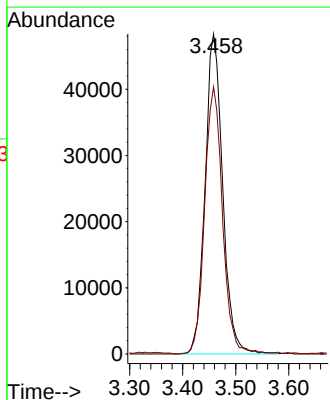
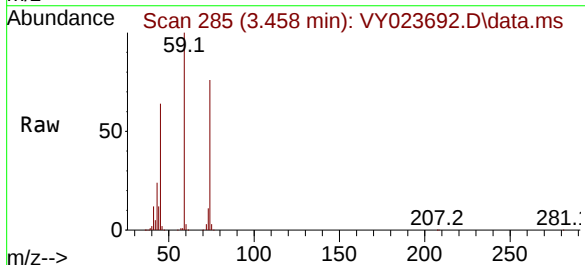
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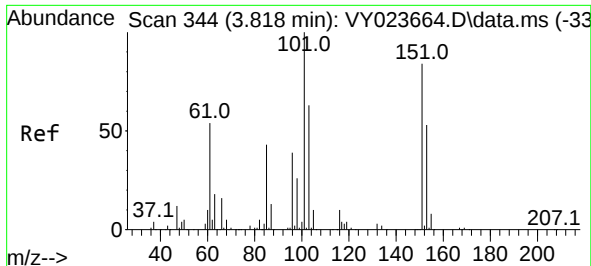
Tgt Ion:101 Resp: 429485
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.1 78.1



#8
 Diethyl Ether
 Concen: 46.079 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023692.D
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Tgt Ion: 74 Resp: 111487
 Ion Ratio Lower Upper
 74 100
 45 84.8 40.6 121.7

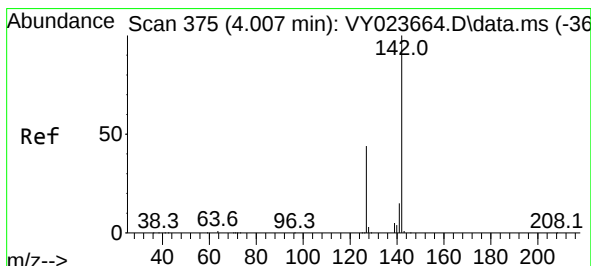
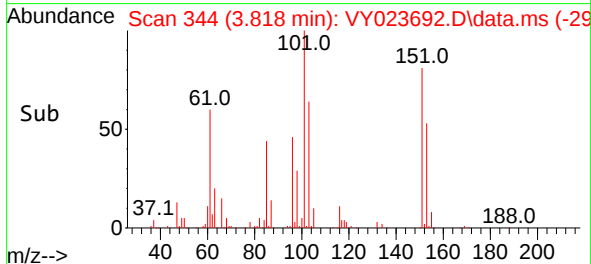
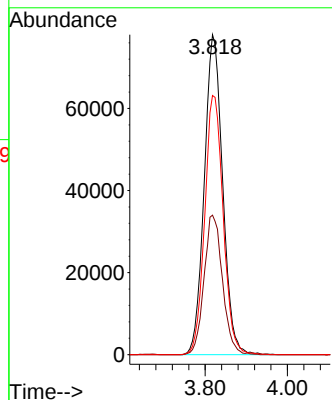
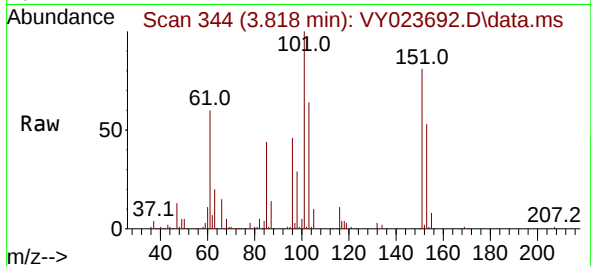




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.727 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

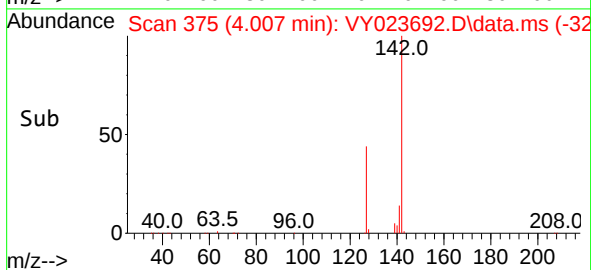
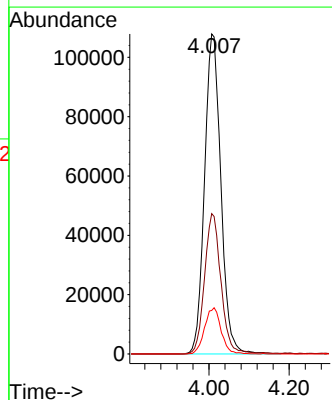
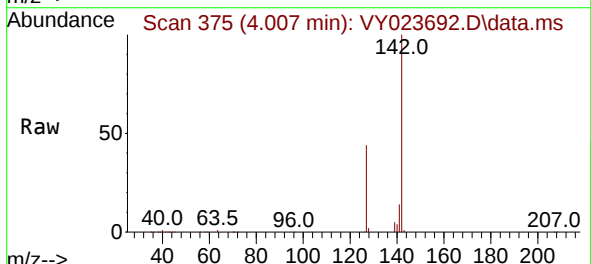
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

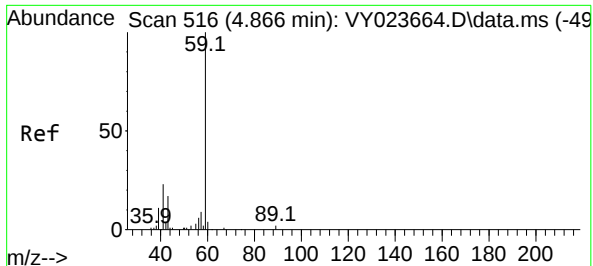
Tgt Ion:101 Resp: 242221
Ion Ratio Lower Upper
101 100
85 43.7 34.4 51.6
151 81.4 65.6 98.4



#10
Methyl Iodide
Concen: 51.929 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion:142 Resp: 304822
Ion Ratio Lower Upper
142 100
127 44.0 34.6 51.8
141 14.6 11.6 17.4

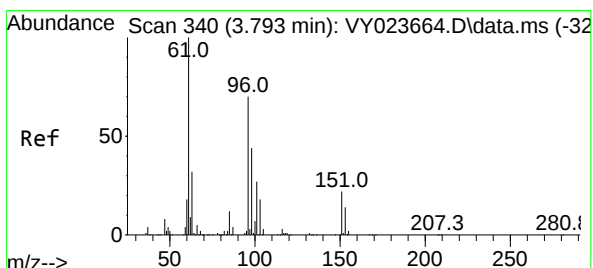
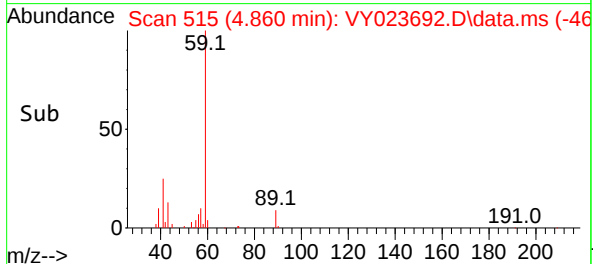
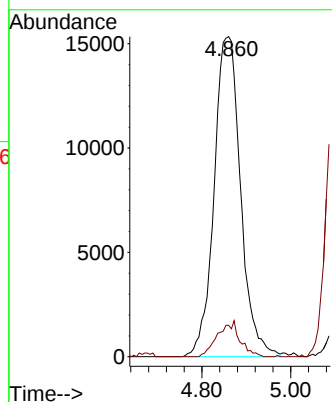
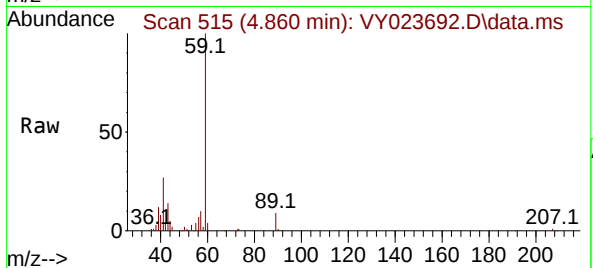




#11
Tert butyl alcohol
Concen: 214.909 ug/l
RT: 4.860 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

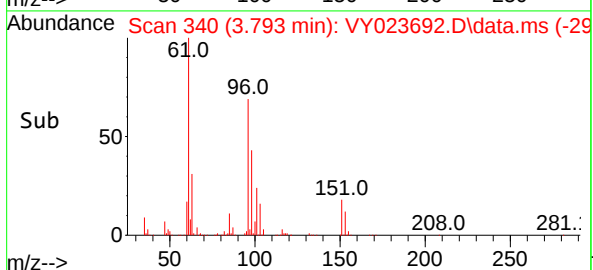
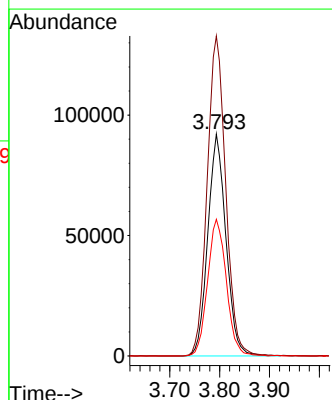
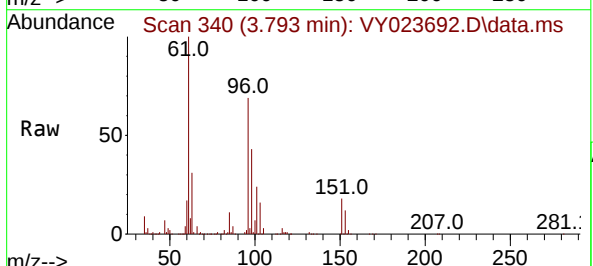
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

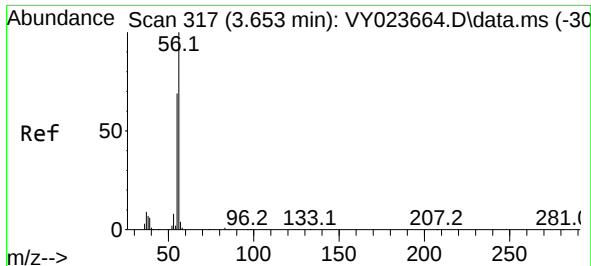
Tgt Ion: 59 Resp: 63352
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.2



#12
1,1-Dichloroethene
Concen: 48.730 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 96 Resp: 233341
Ion Ratio Lower Upper
96 100
61 144.2 114.0 171.0
98 61.5 50.2 75.2

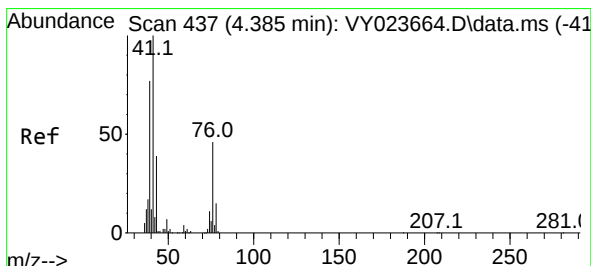
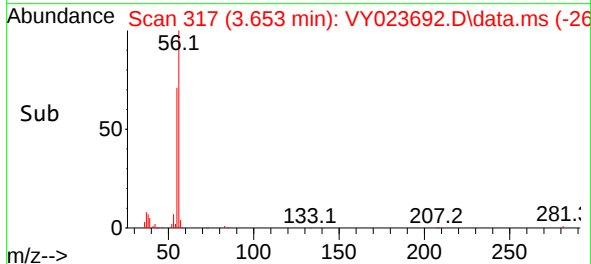
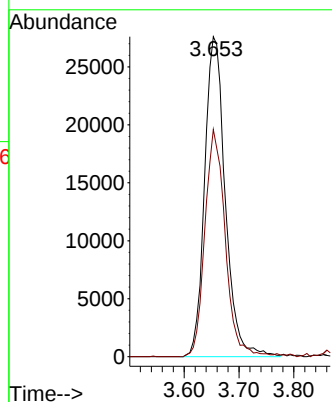
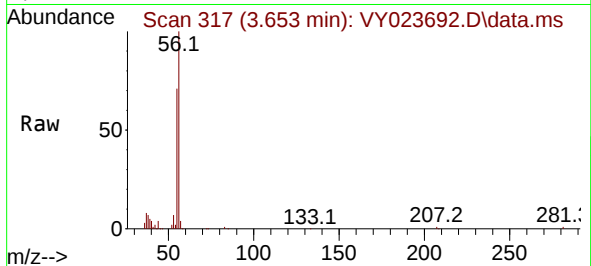




#13
Acrolein
Concen: 190.265 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

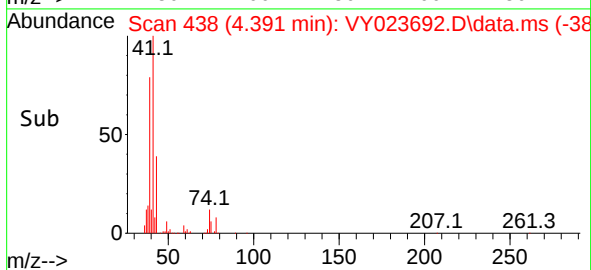
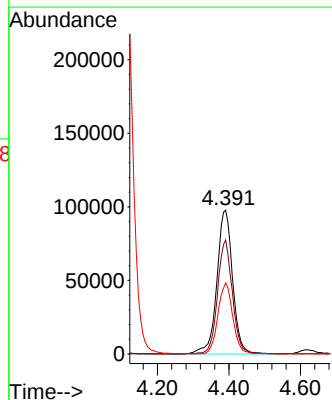
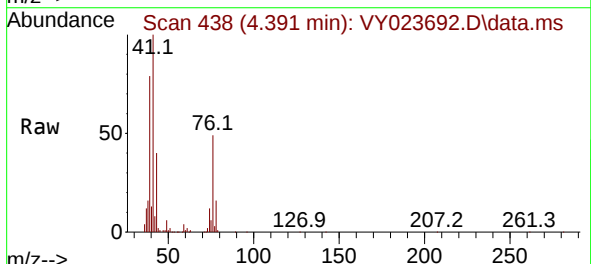
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

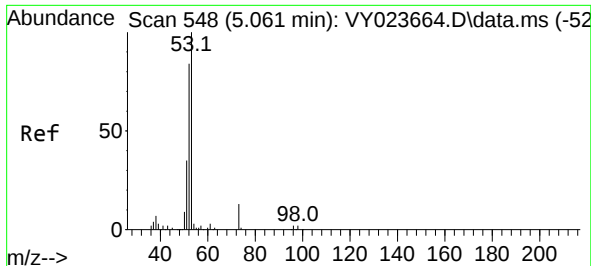
Tgt Ion: 56 Resp: 72090
Ion Ratio Lower Upper
56 100
55 69.9 56.6 84.8



#14
Allyl chloride
Concen: 51.279 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 41 Resp: 298881
Ion Ratio Lower Upper
41 100
39 74.6 60.4 90.6
76 46.4 38.0 57.0

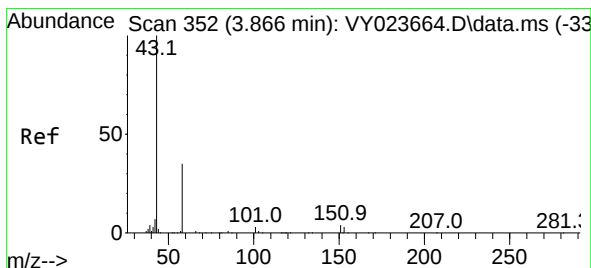
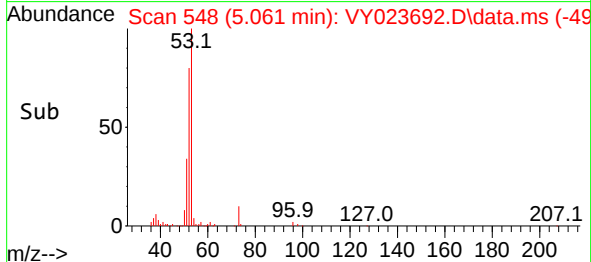
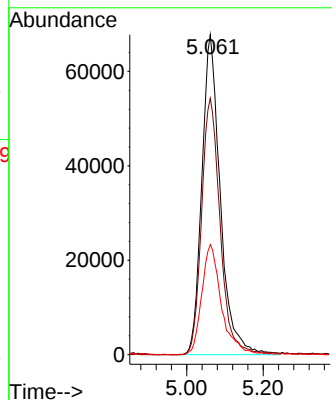
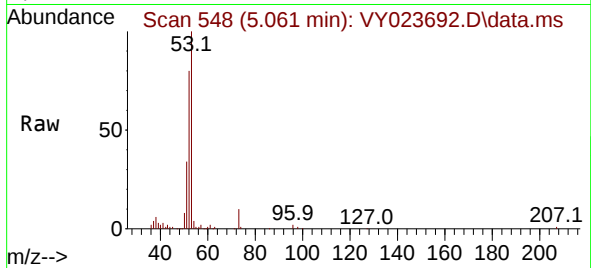




#15
Acrylonitrile
Concen: 246.060 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

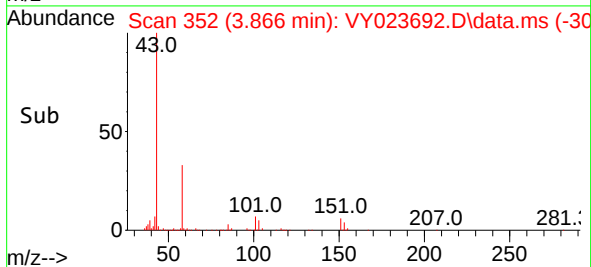
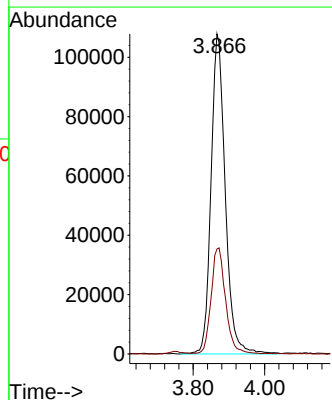
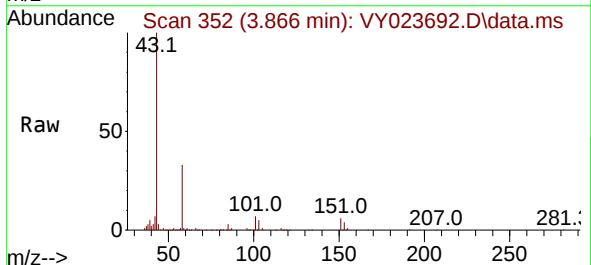
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

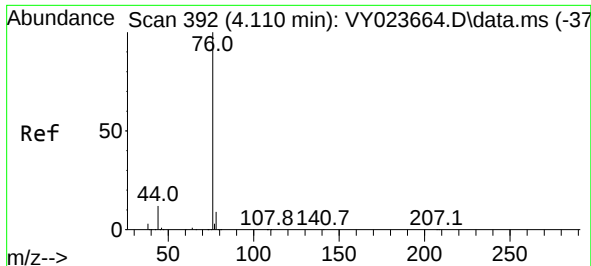
Tgt Ion: 53 Resp: 227513
Ion Ratio Lower Upper
53 100
52 80.3 64.9 97.3
51 36.7 29.4 44.0



#16
Acetone
Concen: 262.102 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 43 Resp: 297849
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.4

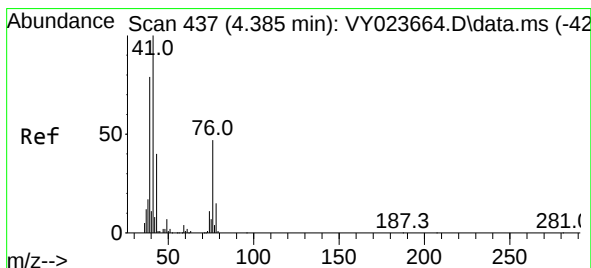
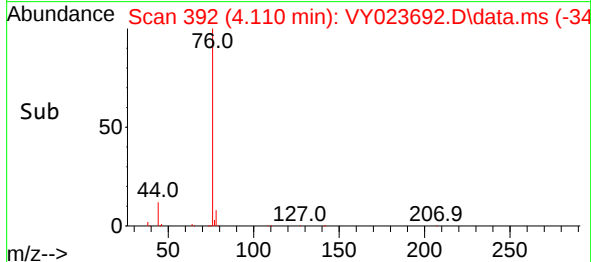
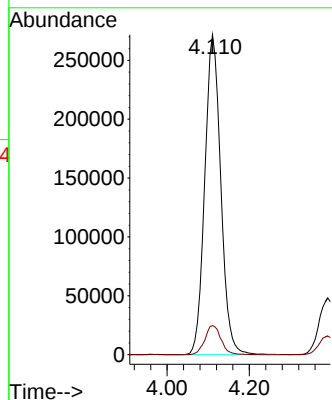
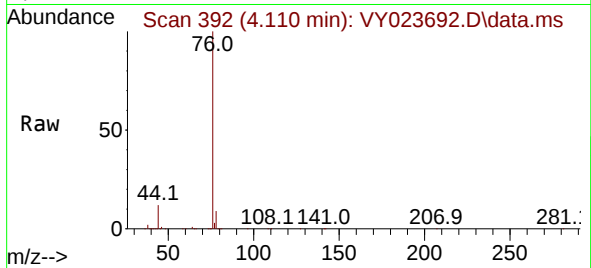




#17
Carbon Disulfide
Concen: 50.000 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

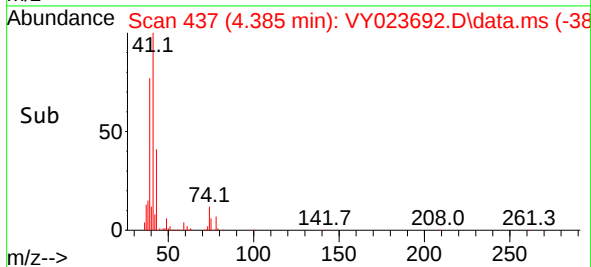
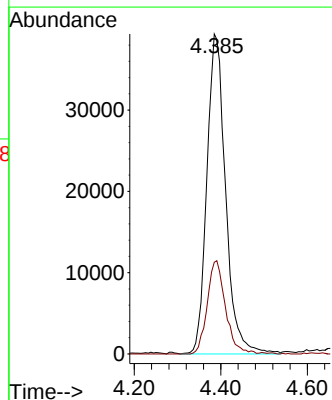
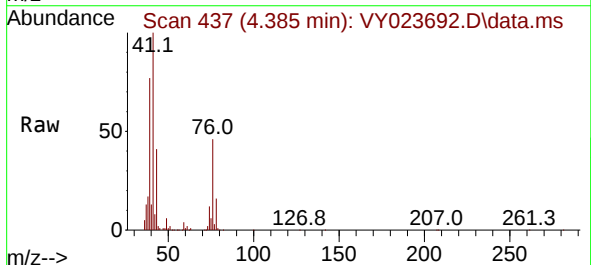
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 734844
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 47.257 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 43 Resp: 118452
Ion Ratio Lower Upper
43 100
74 28.4 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 48.763 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

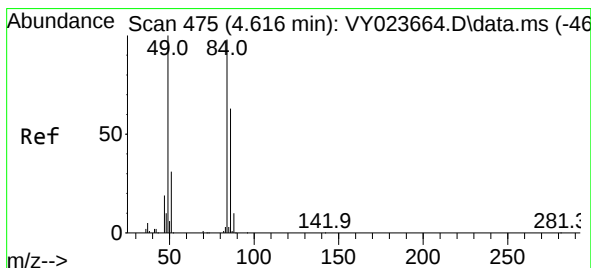
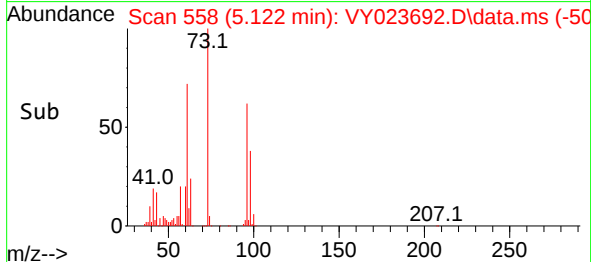
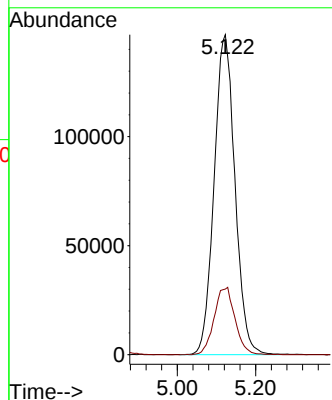
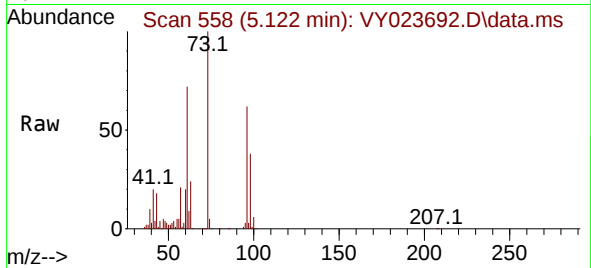
VSTDCCC050

Tgt Ion: 73 Resp: 541443

Ion Ratio Lower Upper

73 100

57 20.5 16.1 24.1



#20

Methylene Chloride

Concen: 48.161 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Tgt Ion: 84 Resp: 264205

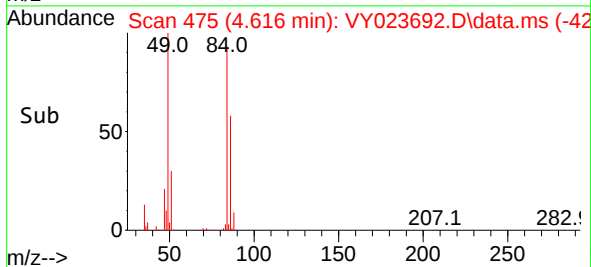
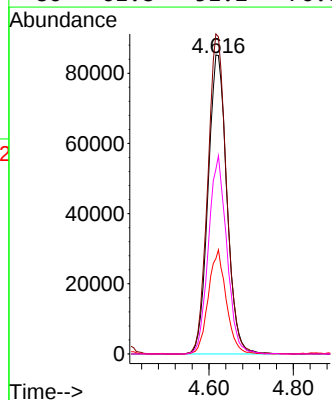
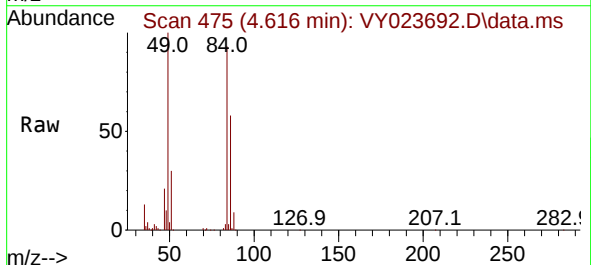
Ion Ratio Lower Upper

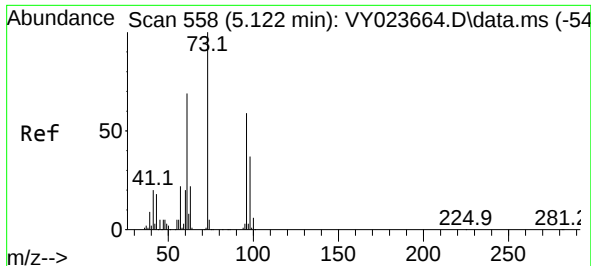
84 100

49 107.0 81.5 122.3

51 31.9 25.5 38.3

86 61.8 51.2 76.8

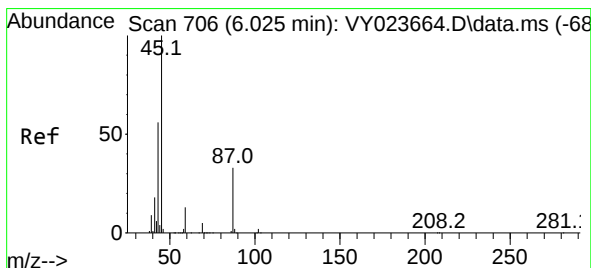
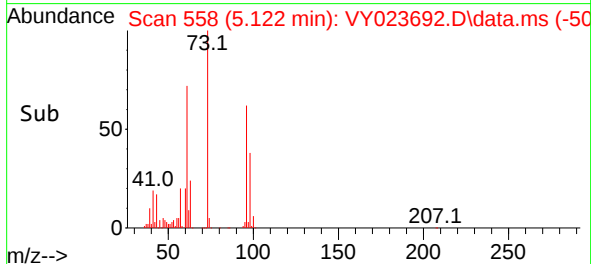
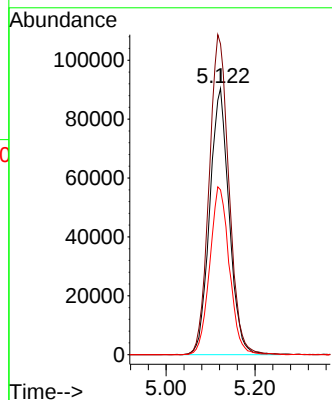
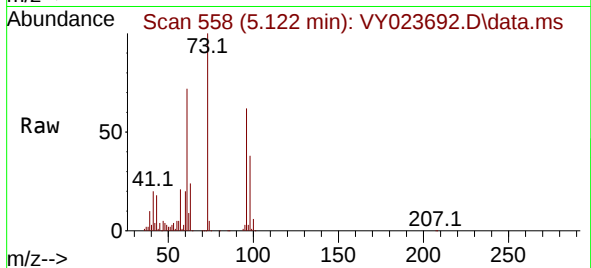




#21
trans-1,2-Dichloroethene
Concen: 50.901 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

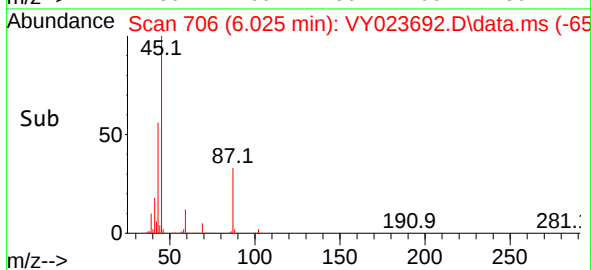
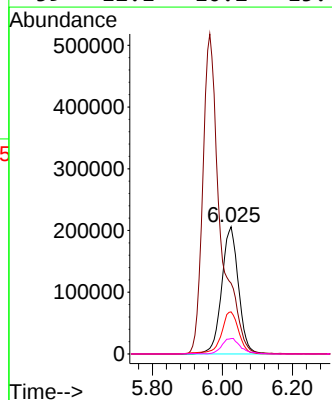
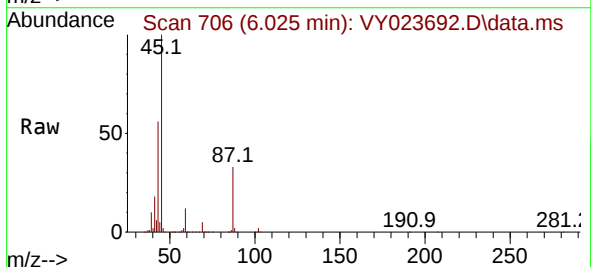
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

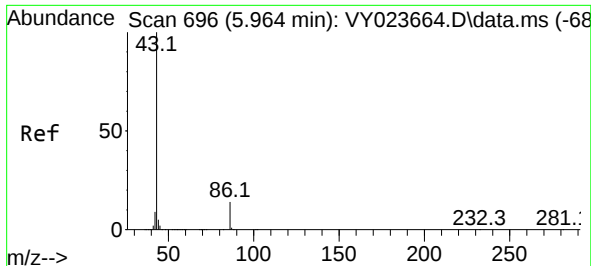
Tgt Ion: 96 Resp: 274819
Ion Ratio Lower Upper
96 100
61 116.7 93.3 139.9
98 61.9 50.6 75.8



#22
Diisopropyl ether
Concen: 52.737 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 45 Resp: 684904
Ion Ratio Lower Upper
45 100
43 55.6 44.7 67.1
87 33.1 27.2 40.8
59 12.1 10.2 15.4

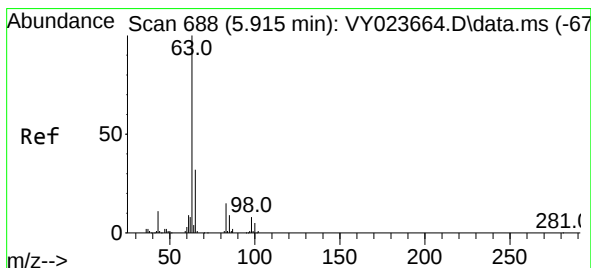
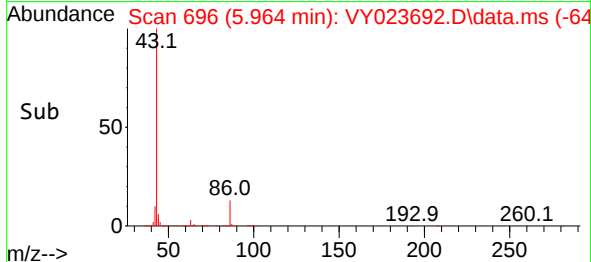
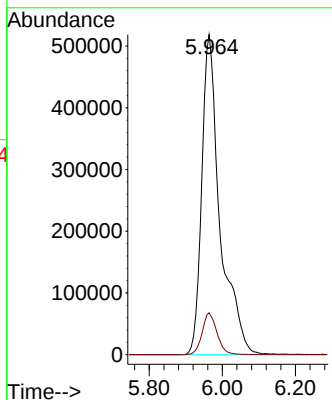
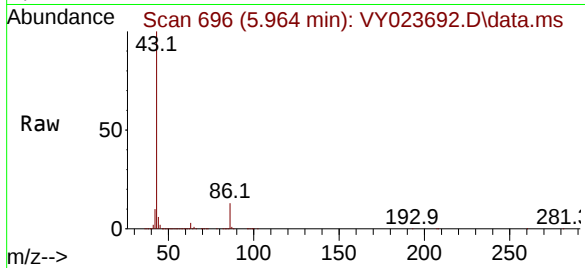




#23
 Vinyl Acetate
 Concen: 259.826 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023692.D
 Acq: 06 Nov 2025 08:42

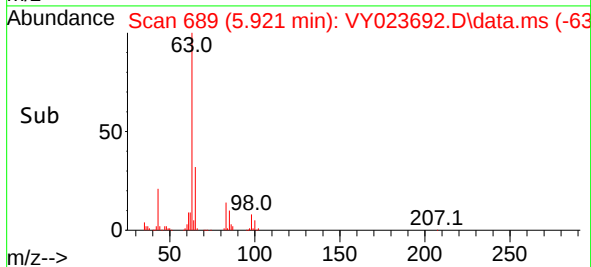
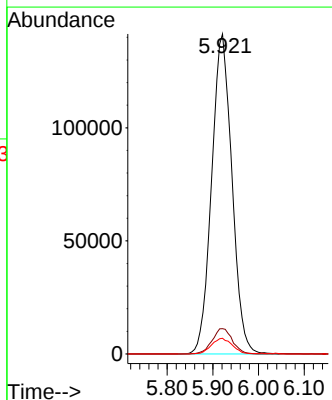
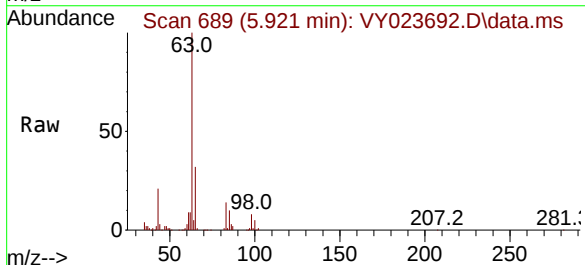
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

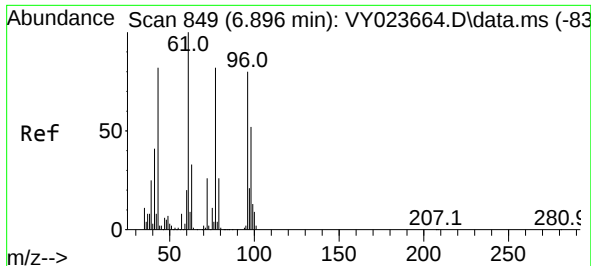
Tgt Ion: 43 Resp: 1800742
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 50.497 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023692.D
 Acq: 06 Nov 2025 08:42

Tgt Ion: 63 Resp: 436899
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 4.9 2.6 7.8





#25

2-Butanone

Concen: 244.465 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

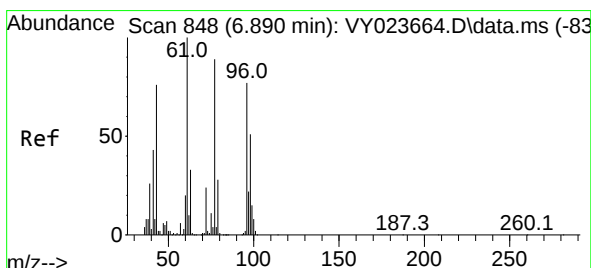
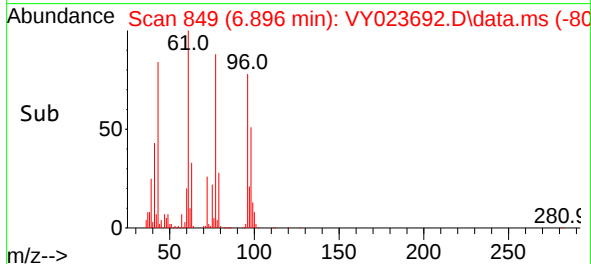
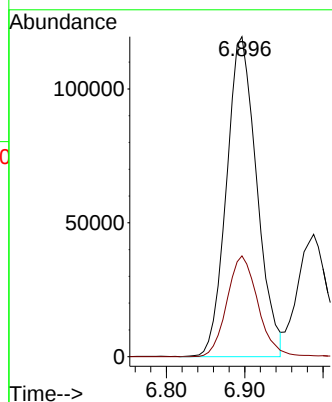
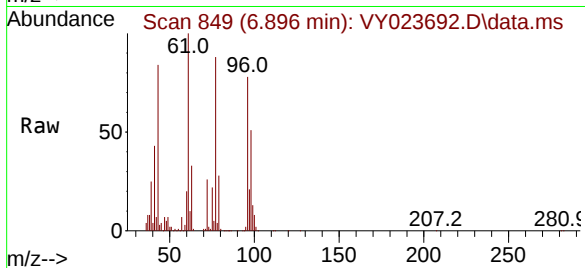
VSTDCCC050

Tgt Ion: 43 Resp: 321194

Ion Ratio Lower Upper

43 100

72 31.5 25.7 38.5



#26

2,2-Dichloropropane

Concen: 51.381 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY023692.D

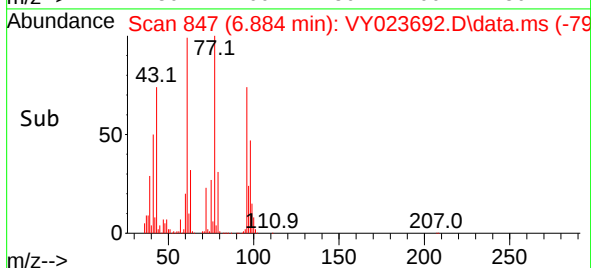
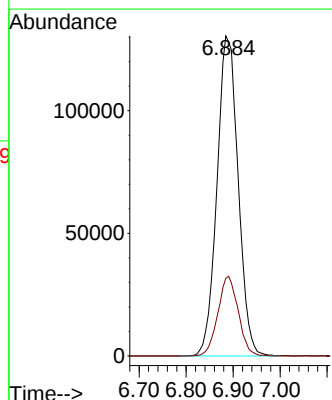
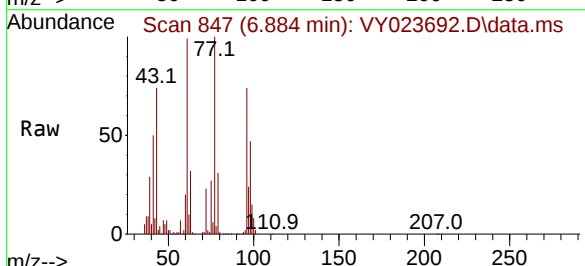
Acq: 06 Nov 2025 08:42

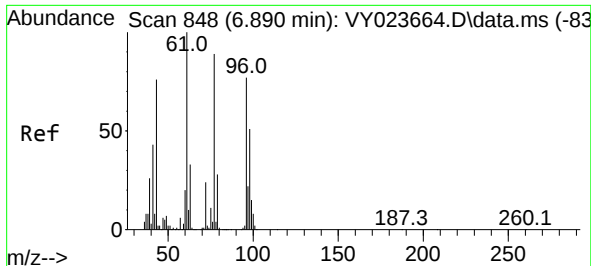
Tgt Ion: 77 Resp: 408917

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.307 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

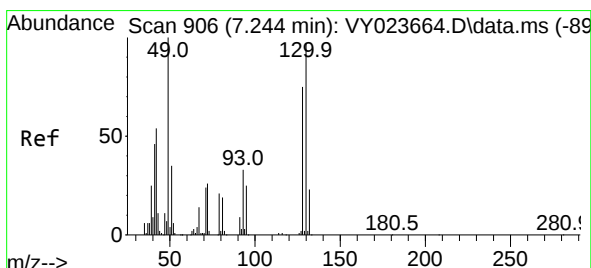
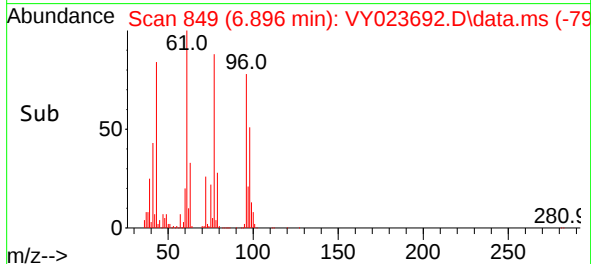
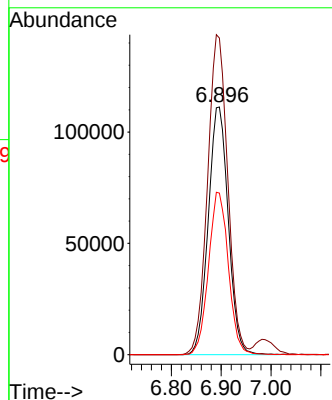
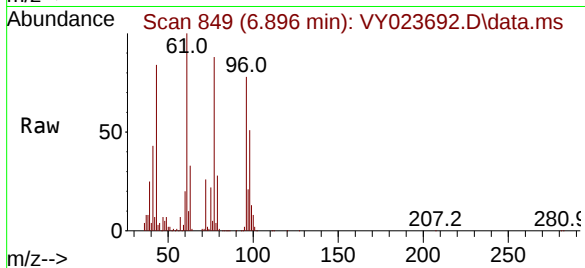
Tgt Ion: 96 Resp: 310205

Ion Ratio Lower Upper

96 100

61 130.5 0.0 255.0

98 65.3 0.0 129.8



#28

Bromochloromethane

Concen: 50.995 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

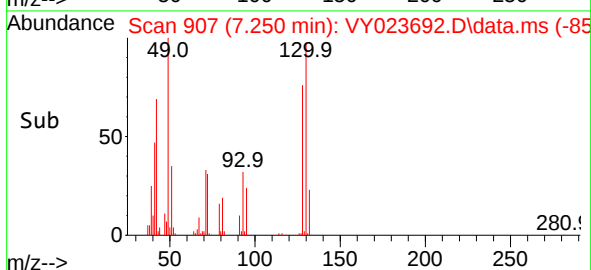
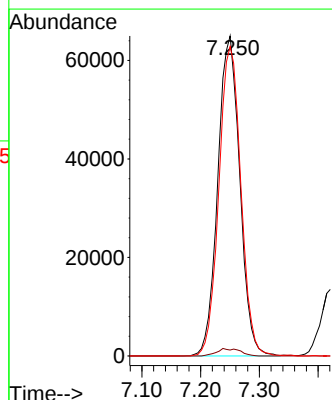
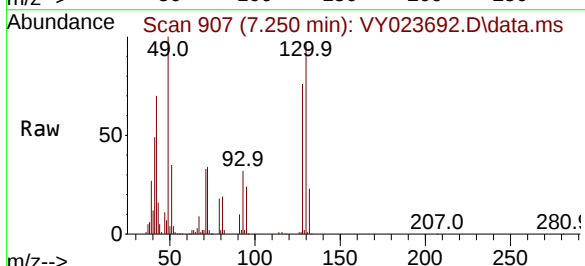
Tgt Ion: 49 Resp: 168937

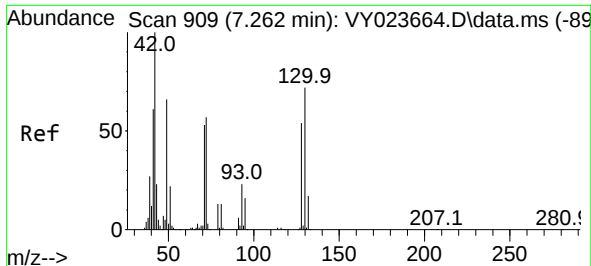
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

130 96.6 80.1 120.1





#29

Tetrahydrofuran

Concen: 245.417 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

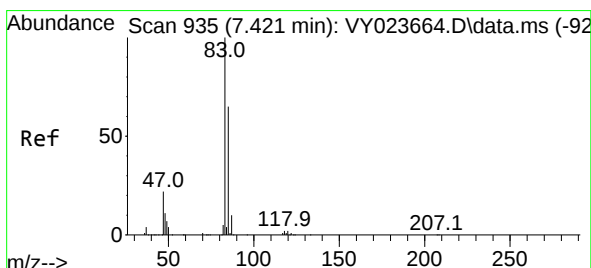
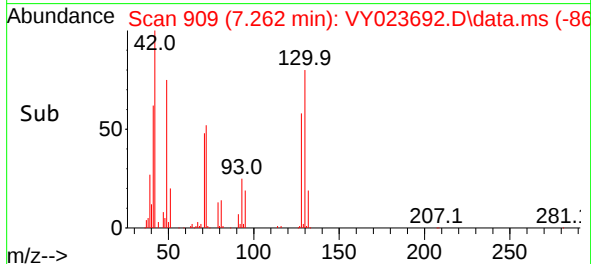
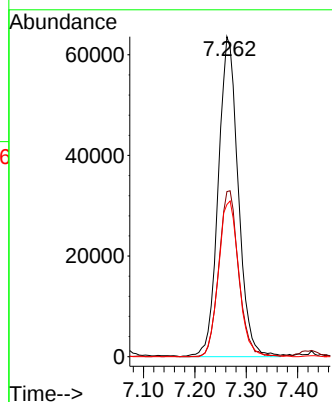
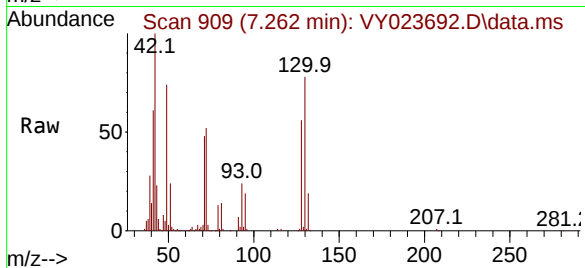
Tgt Ion: 42 Resp: 171724

Ion Ratio Lower Upper

42 100

72 51.5 43.4 65.2

71 49.7 40.7 61.1



#30

Chloroform

Concen: 50.771 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023692.D

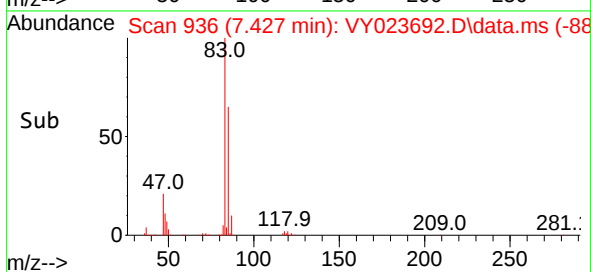
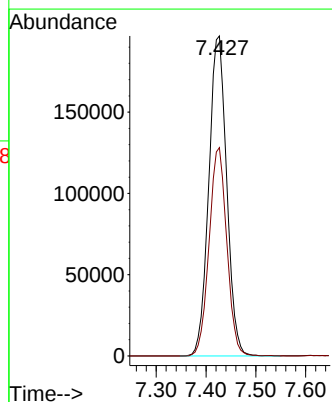
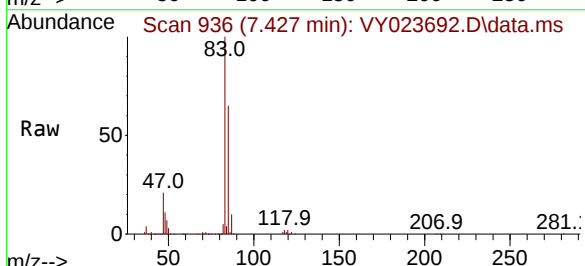
Acq: 06 Nov 2025 08:42

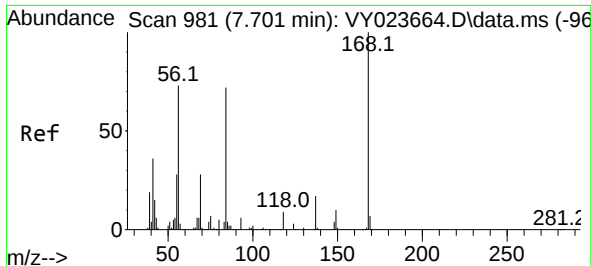
Tgt Ion: 83 Resp: 490108

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

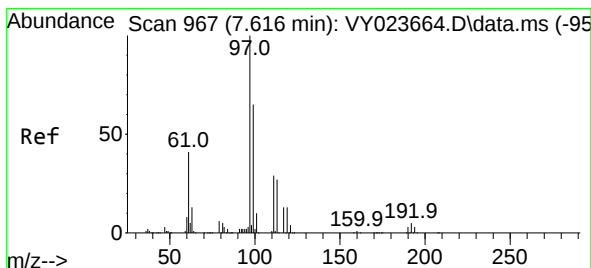
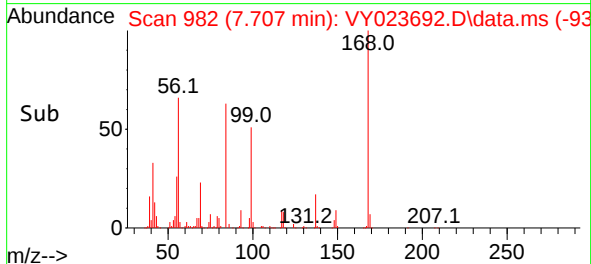
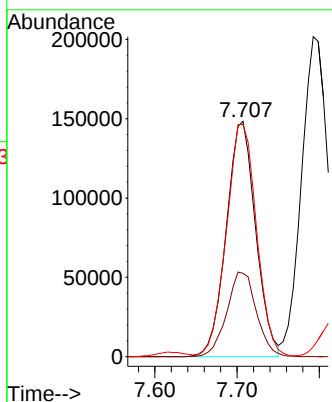
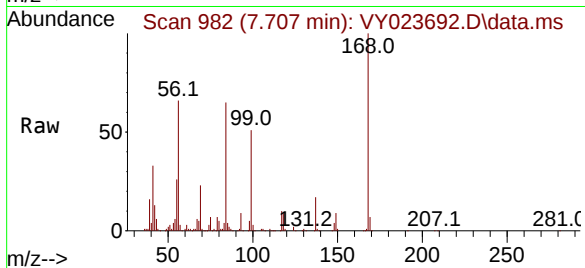




#31
Cyclohexane
Concen: 48.888 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

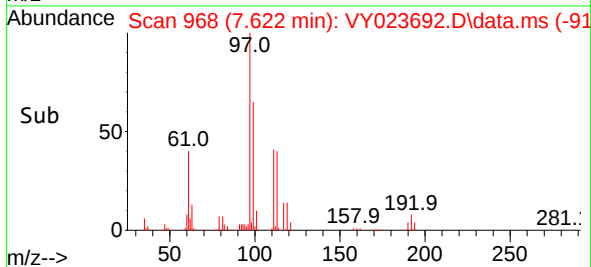
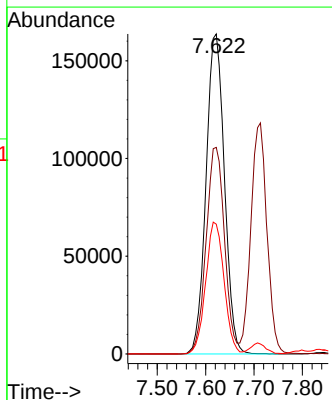
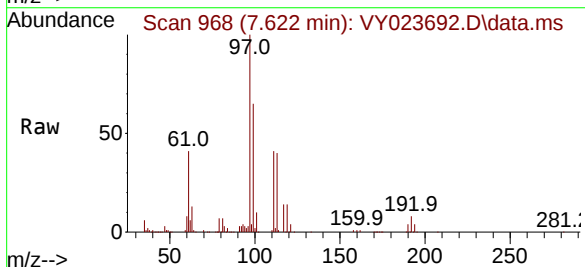
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

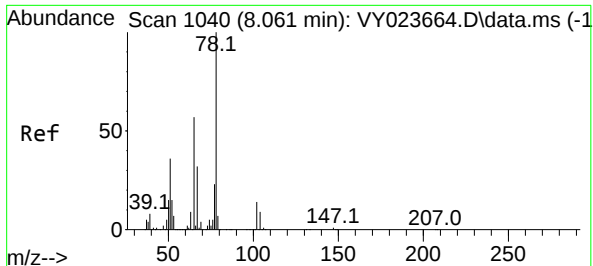
Tgt Ion: 56 Resp: 368358
Ion Ratio Lower Upper
56 100
69 35.4 30.5 45.7
84 96.9 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 50.080 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 97 Resp: 432084
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 41.3 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.542 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

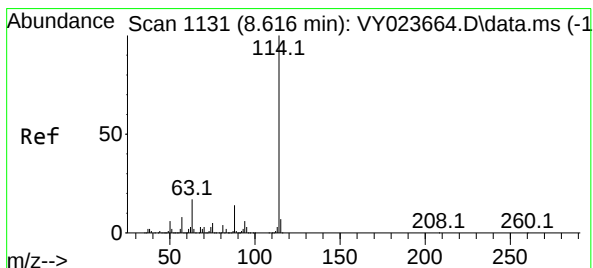
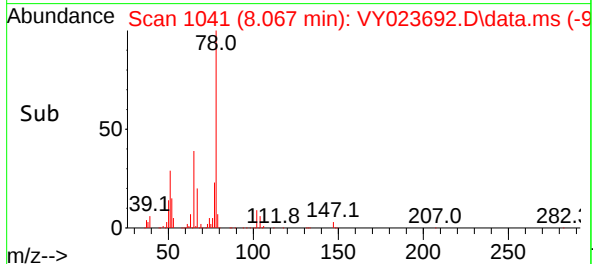
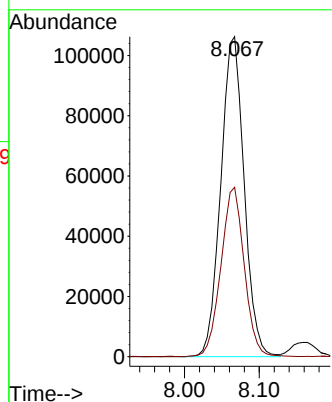
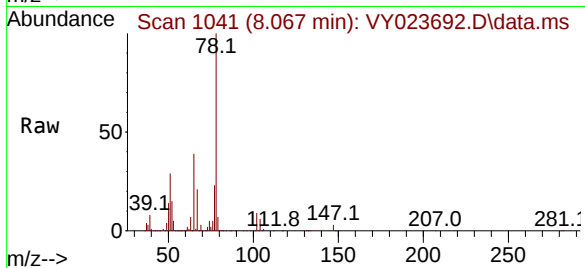
VSTDCCC050

Tgt Ion: 65 Resp: 231061

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

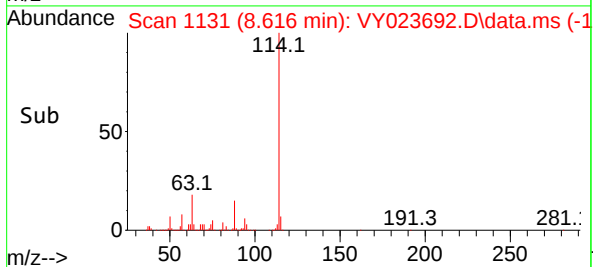
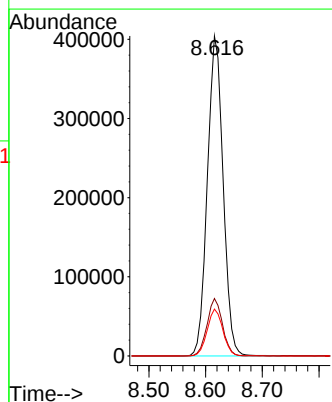
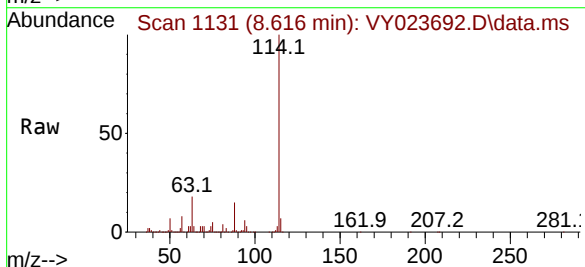
Tgt Ion: 114 Resp: 779935

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.8

88 14.7 0.0 29.0

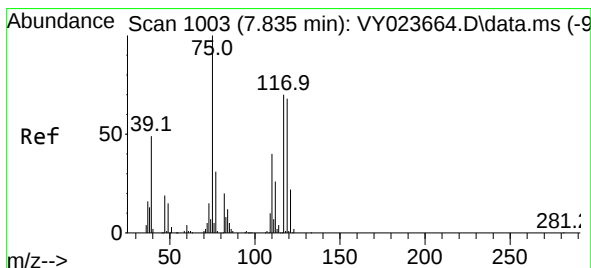
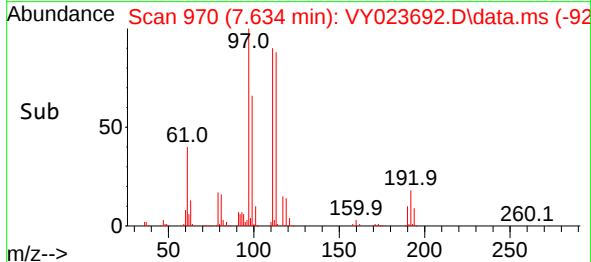
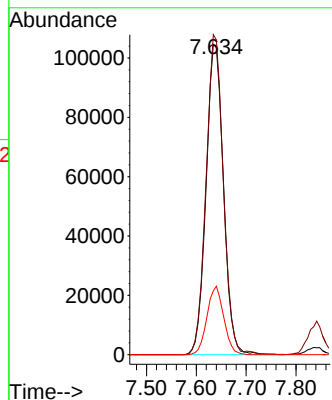
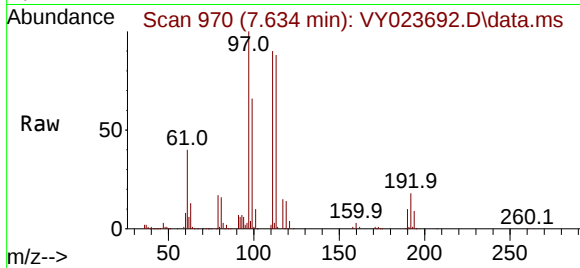




#35
Dibromofluoromethane
Concen: 52.110 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

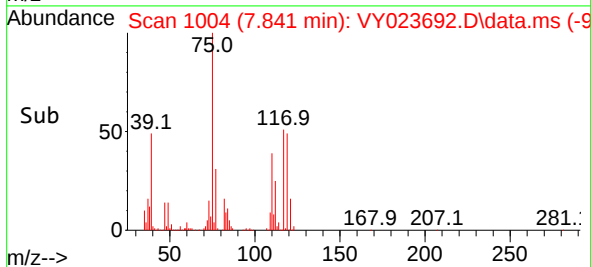
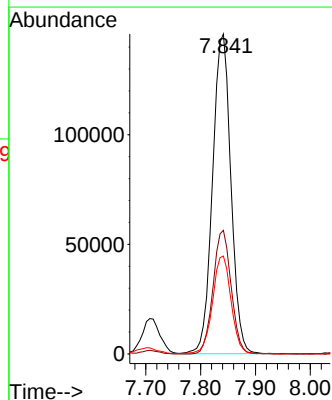
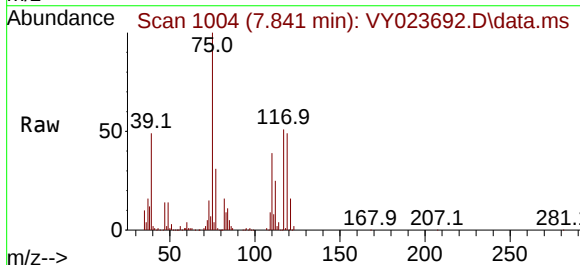
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 253987
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 21.2 17.3 25.9



#36
1,1-Dichloropropene
Concen: 52.056 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 75 Resp: 339044
Ion Ratio Lower Upper
75 100
110 38.1 19.7 59.0
77 30.9 25.2 37.8





#37

Ethyl Acetate

Concen: 50.938 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

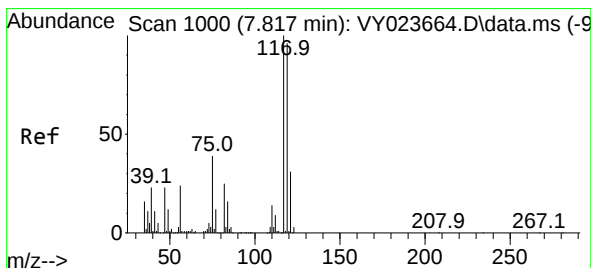
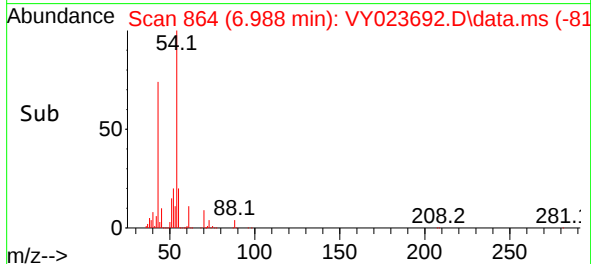
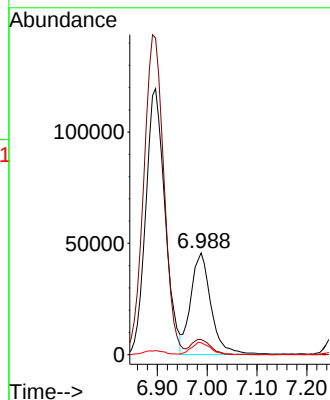
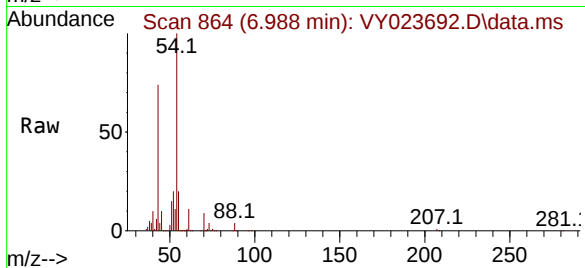
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 128432

Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.4	18.6
70	11.2	9.8	14.8



#38

Carbon Tetrachloride

Concen: 51.680 ug/l

RT: 7.823 min Scan# 1001

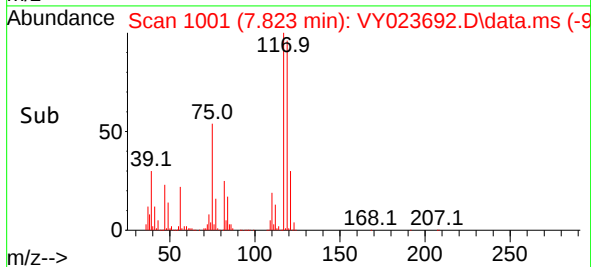
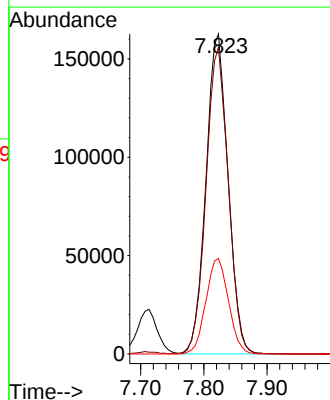
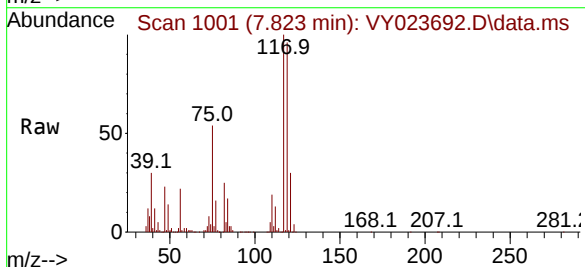
Delta R.T. 0.006 min

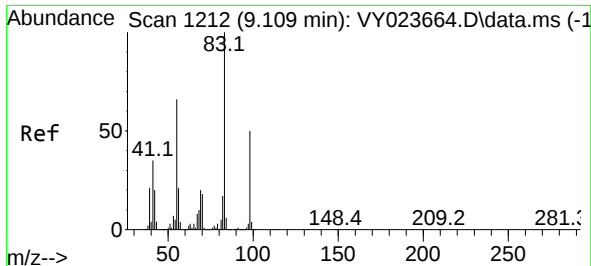
Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Tgt Ion: 117 Resp: 396586

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
121	29.8	24.8	37.2





#39

Methylcyclohexane

Concen: 51.771 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

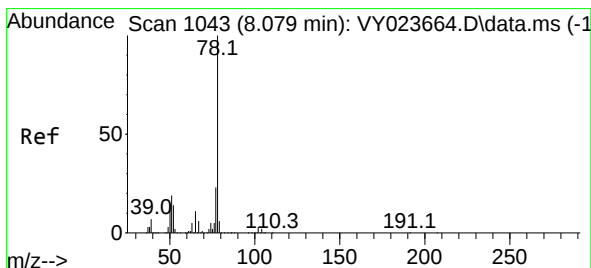
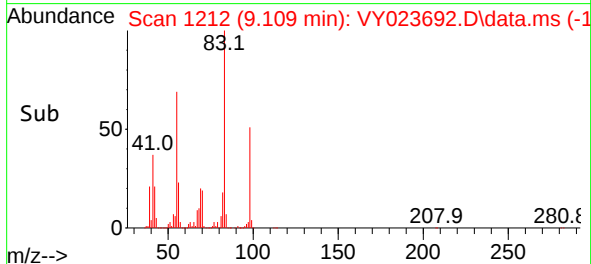
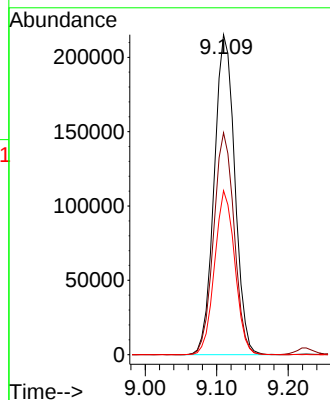
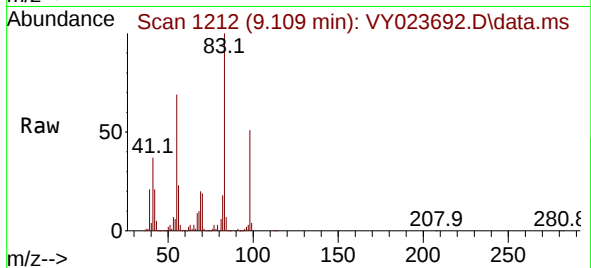
Tgt Ion: 83 Resp: 430837

Ion Ratio Lower Upper

83 100

55 69.3 52.6 78.8

98 51.3 39.7 59.5



#40

Benzene

Concen: 52.191 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023692.D

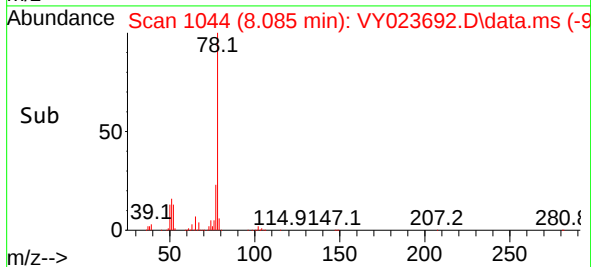
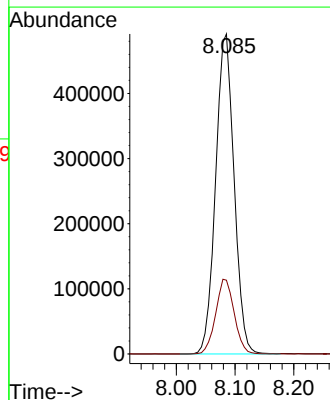
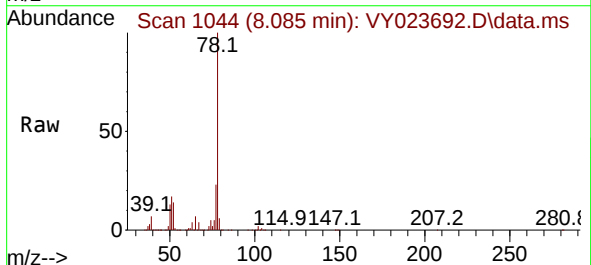
Acq: 06 Nov 2025 08:42

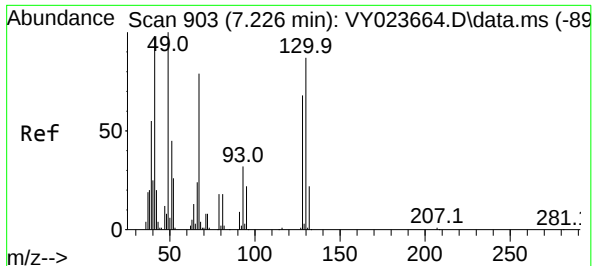
Tgt Ion: 78 Resp: 1071461

Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2

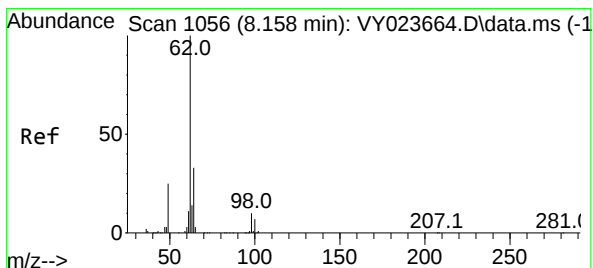
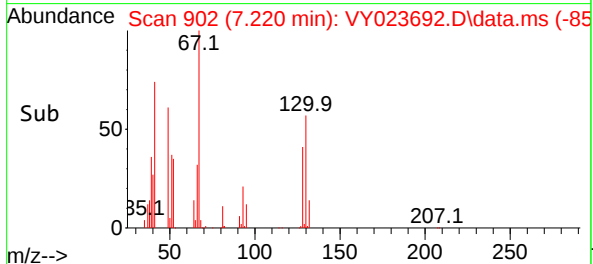
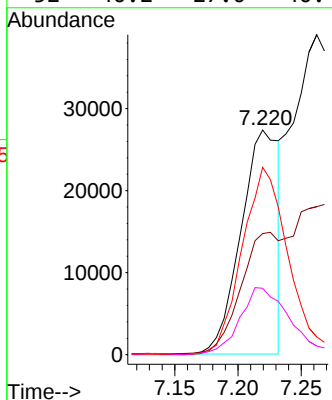
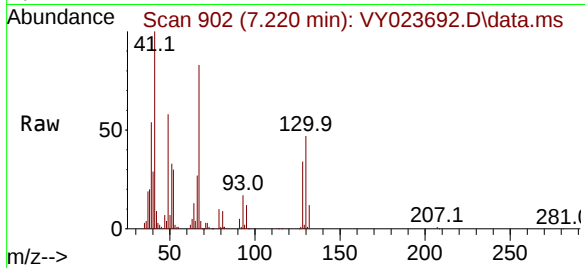




#41
Methacrylonitrile
Concen: 41.252 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

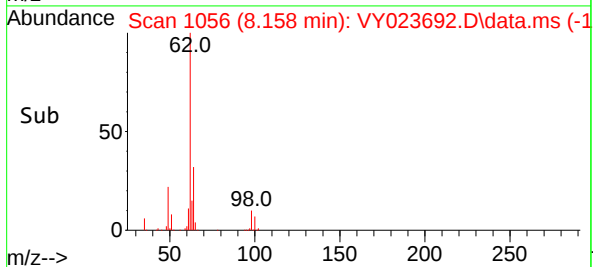
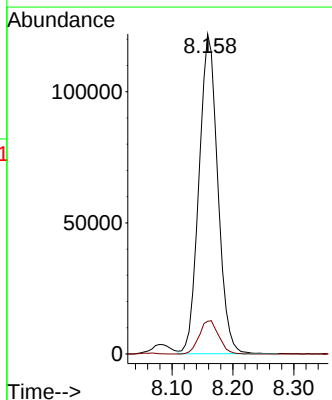
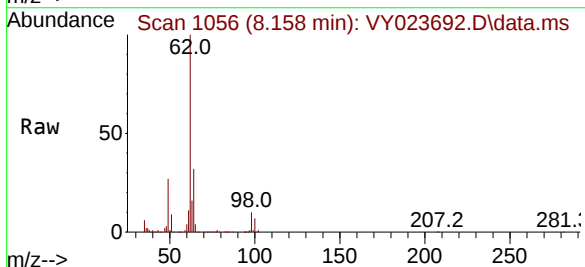
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

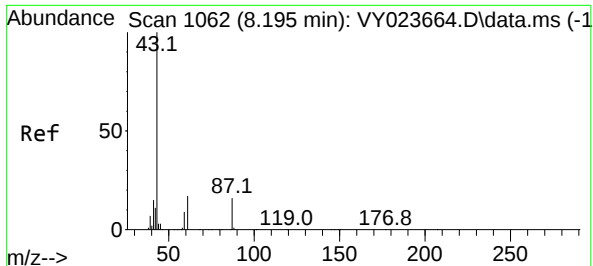
Tgt Ion: 41 Resp: 56774
Ion Ratio Lower Upper
41 100
39 55.0 38.6 57.8
67 103.6 71.3 106.9
52 40.2 27.0 40.4



#42
1,2-Dichloroethane
Concen: 50.268 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 62 Resp: 261084
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.0





#43

Isopropyl Acetate

Concen: 48.431 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

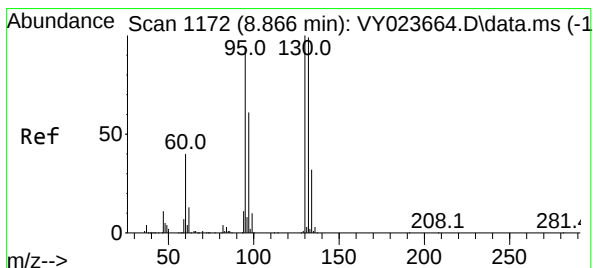
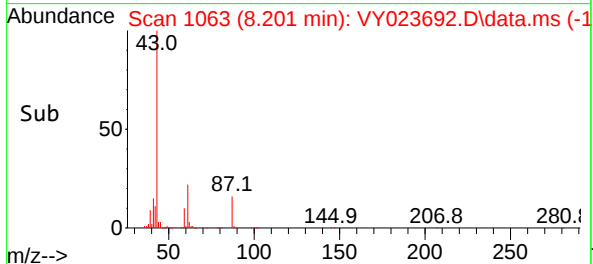
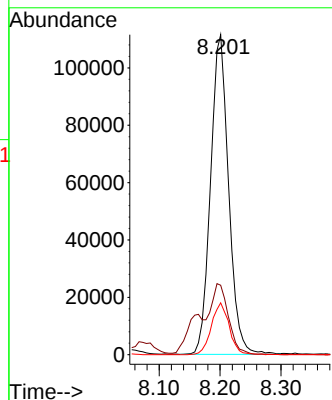
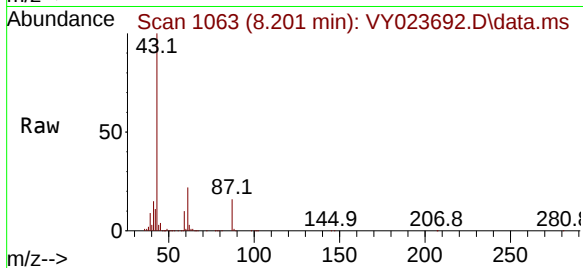
Tgt Ion: 43 Resp: 229436

Ion Ratio Lower Upper

43 100

61 21.6 18.2 27.2

87 16.0 13.3 19.9



#44

Trichloroethene

Concen: 50.084 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY023692.D

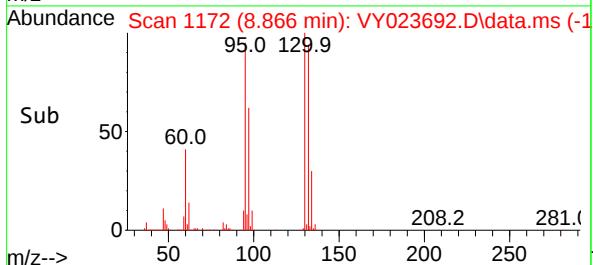
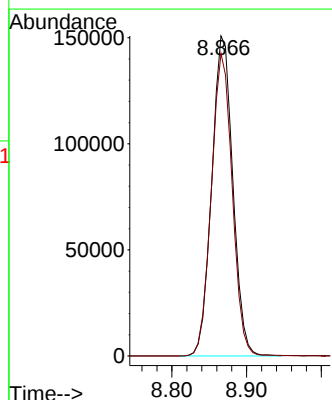
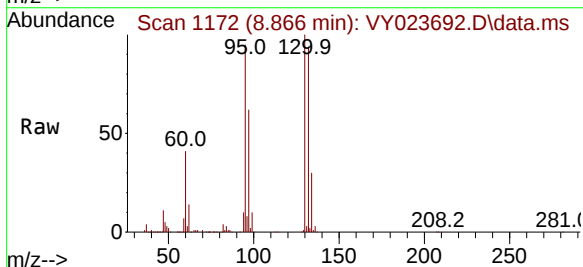
Acq: 06 Nov 2025 08:42

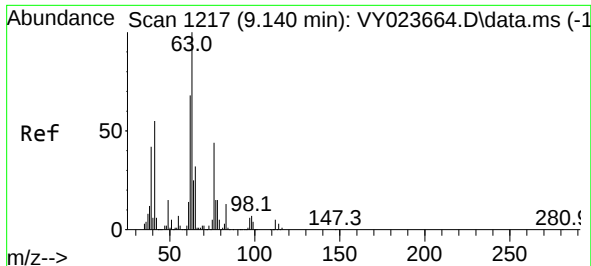
Tgt Ion:130 Resp: 295321

Ion Ratio Lower Upper

130 100

95 94.6 0.0 187.0





#45

1,2-Dichloropropane

Concen: 51.631 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

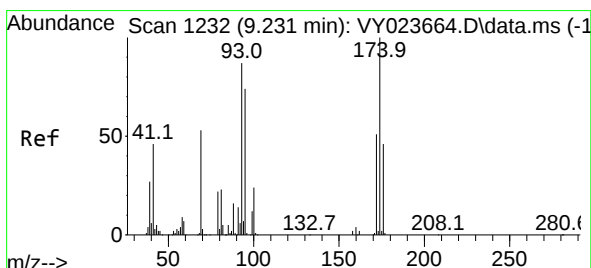
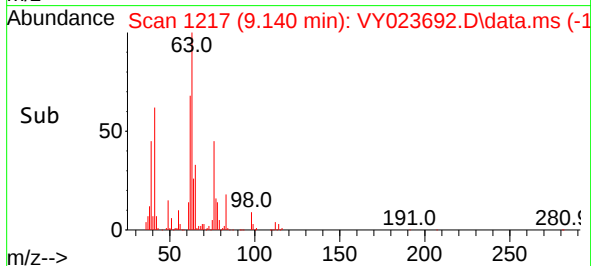
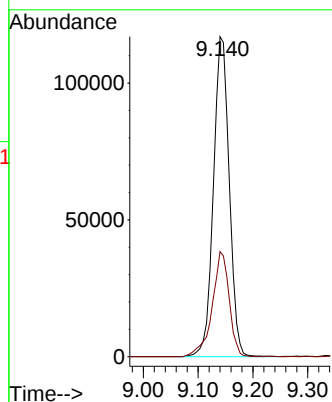
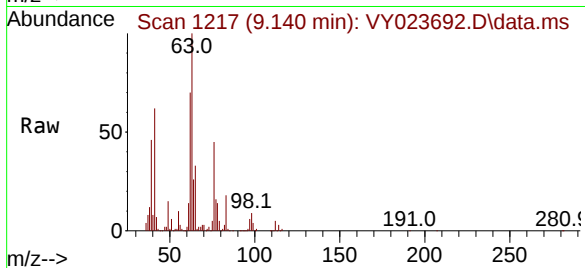
VSTDCCC050

Tgt Ion: 63 Resp: 233932

Ion Ratio Lower Upper

63 100

65 32.8 25.6 38.4



#46

Dibromomethane

Concen: 50.465 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

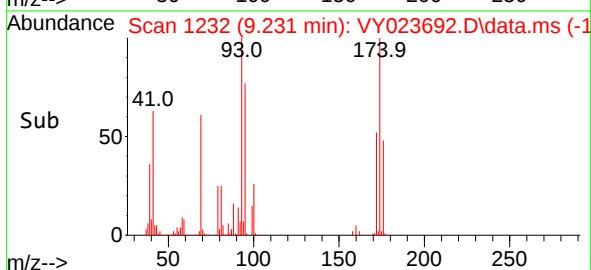
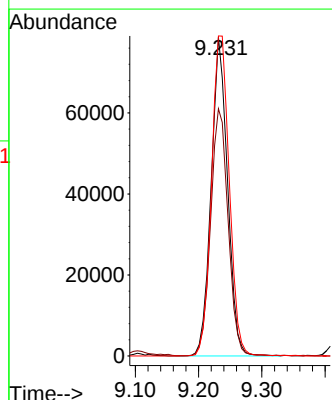
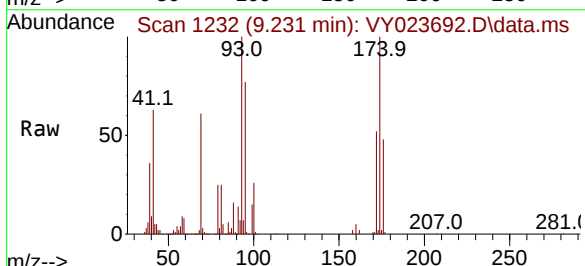
Tgt Ion: 93 Resp: 141674

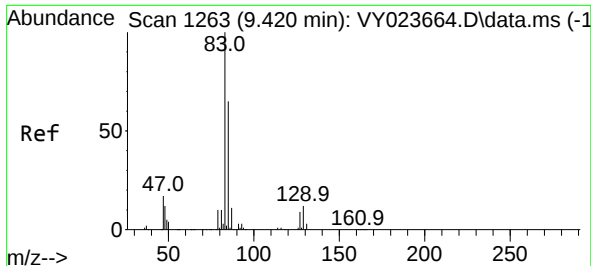
Ion Ratio Lower Upper

93 100

95 82.3 67.4 101.2

174 108.5 89.4 134.0

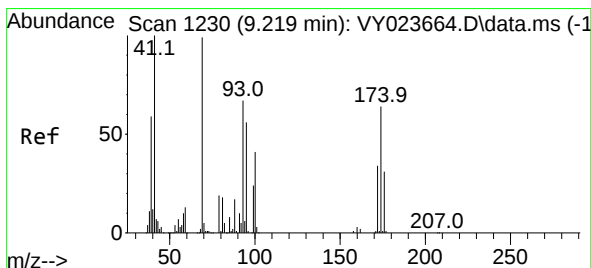
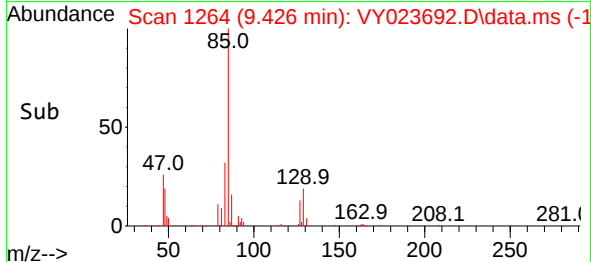
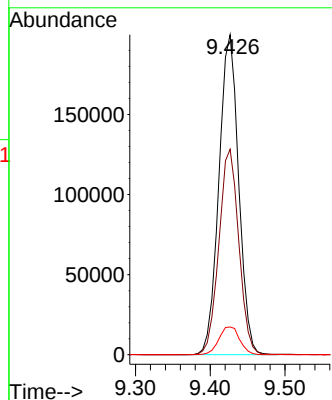
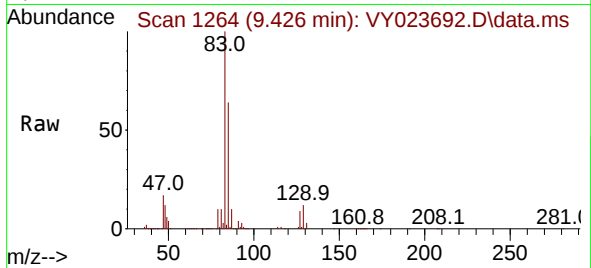




#47
Bromodichloromethane
Concen: 51.829 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

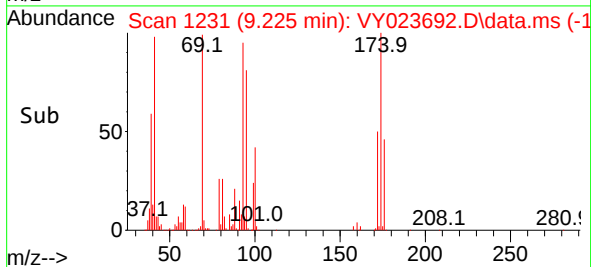
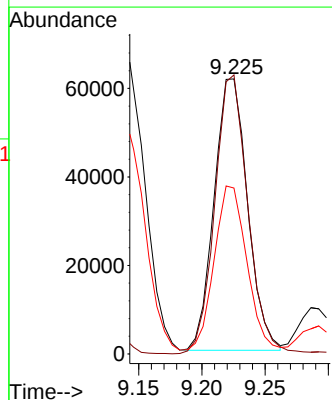
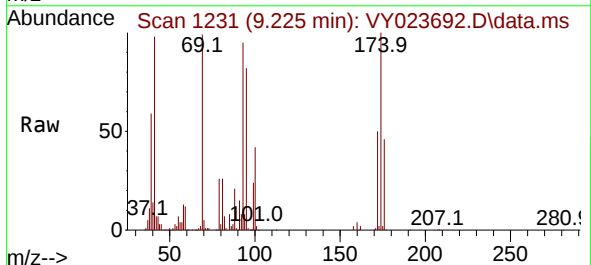
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

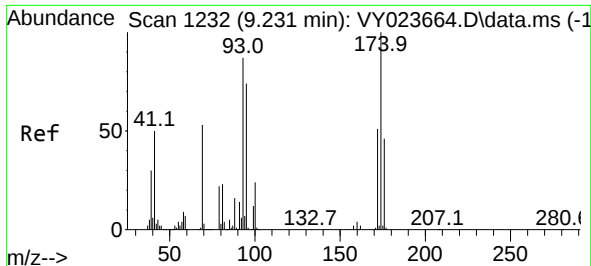
Tgt Ion: 83 Resp: 366848
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 8.6 7.5 11.3



#48
Methyl methacrylate
Concen: 50.398 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 41 Resp: 112802
Ion Ratio Lower Upper
41 100
69 101.8 80.2 120.2
39 58.7 47.4 71.0





#49

1,4-Dioxane

Concen: 1017.395 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

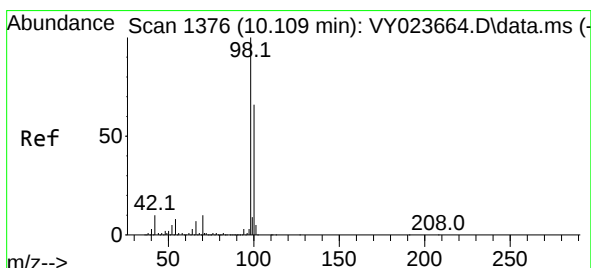
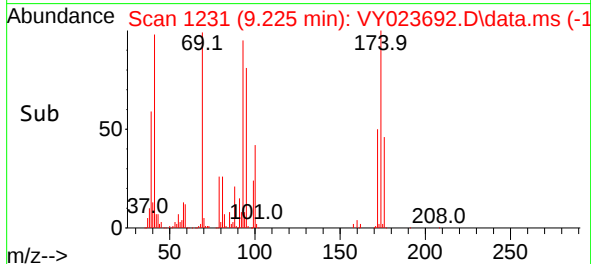
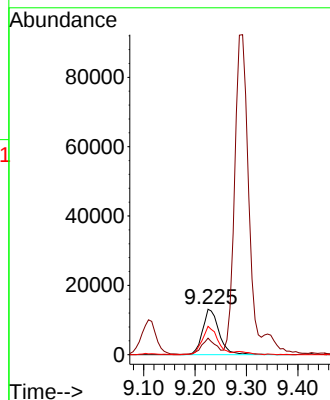
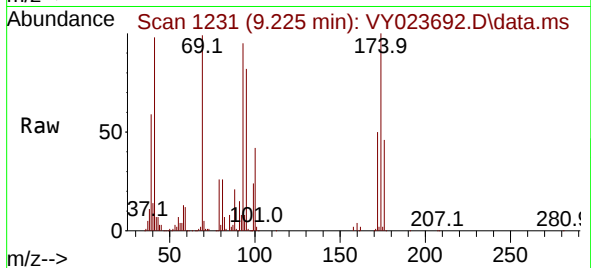
Tgt Ion: 88 Resp: 29230

Ion Ratio Lower Upper

88 100

43 28.6 22.0 33.0

58 58.5 47.8 71.8



#50

Toluene-d8

Concen: 53.849 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023692.D

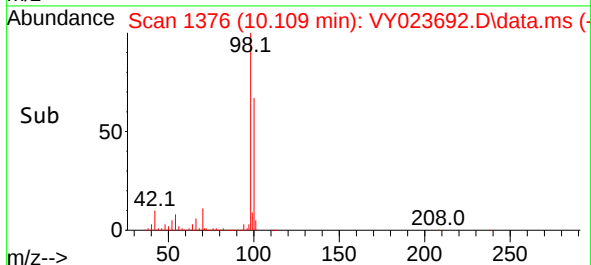
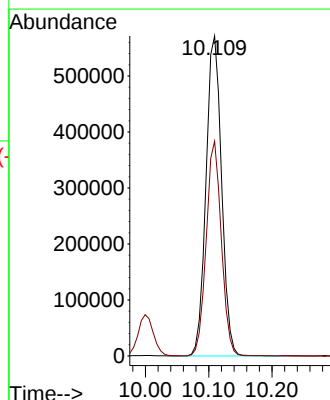
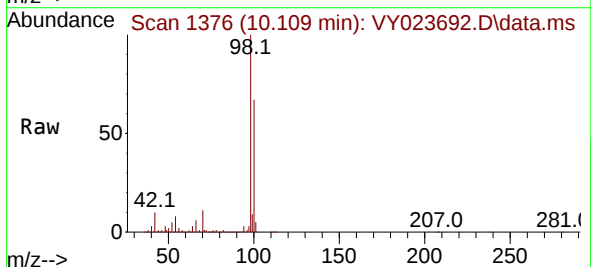
Acq: 06 Nov 2025 08:42

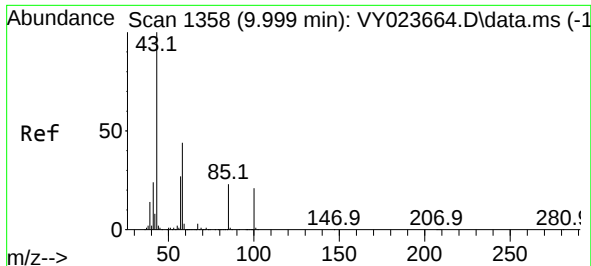
Tgt Ion: 98 Resp: 977701

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

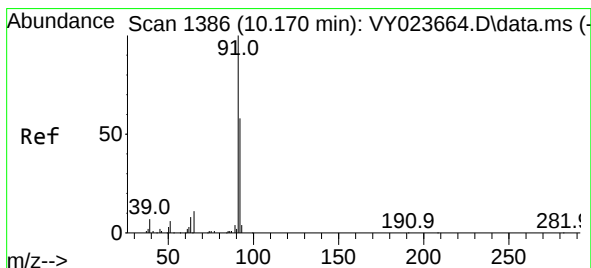
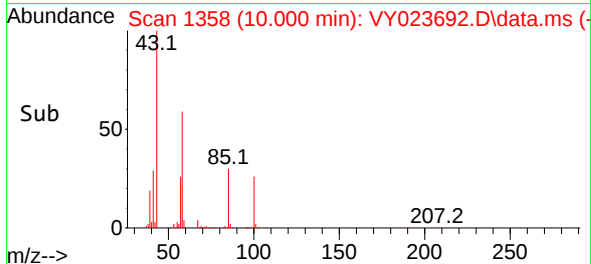
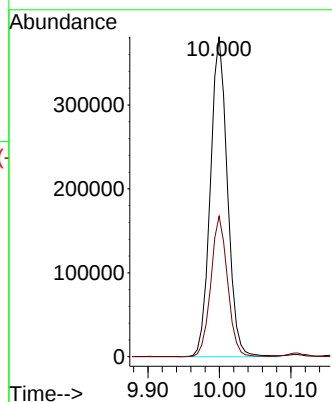
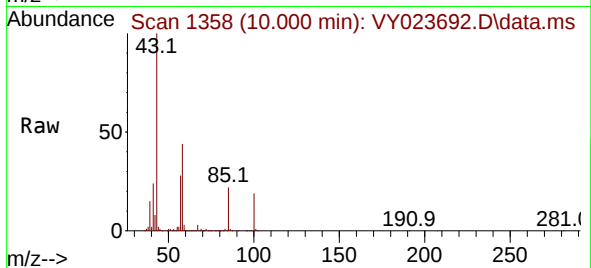




#51
4-Methyl-2-Pentanone
Concen: 250.399 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

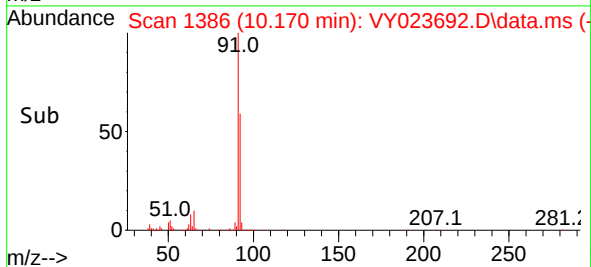
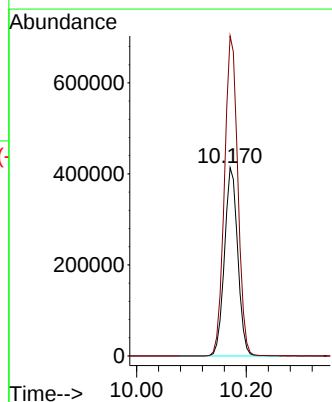
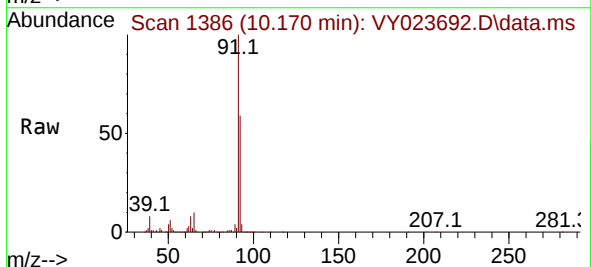
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

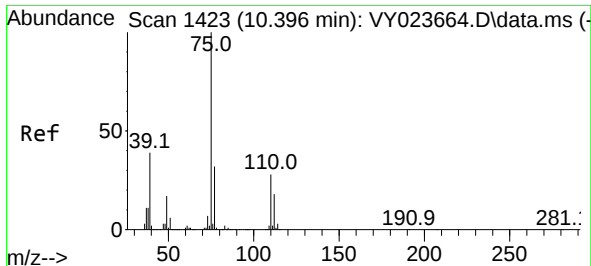
Tgt Ion: 43 Resp: 630843
Ion Ratio Lower Upper
43 100
58 43.0 34.8 52.2



#52
Toluene
Concen: 53.262 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 92 Resp: 698091
Ion Ratio Lower Upper
92 100
91 171.1 137.8 206.8

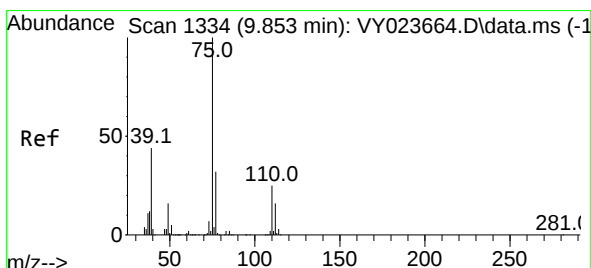
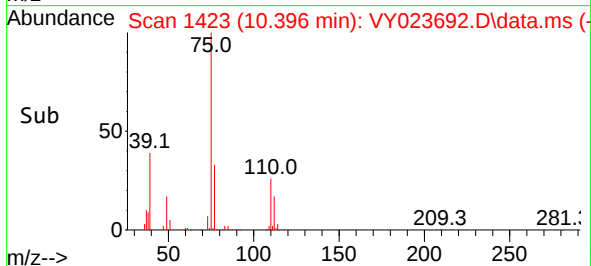
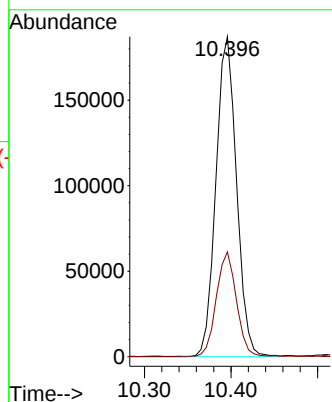
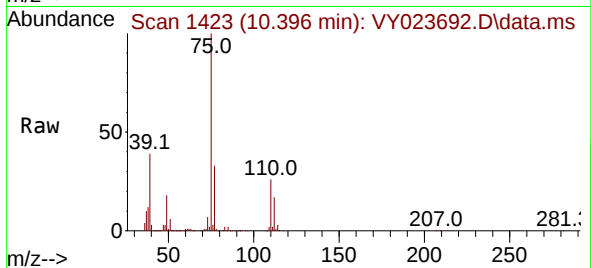




#53
t-1,3-Dichloropropene
Concen: 51.590 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

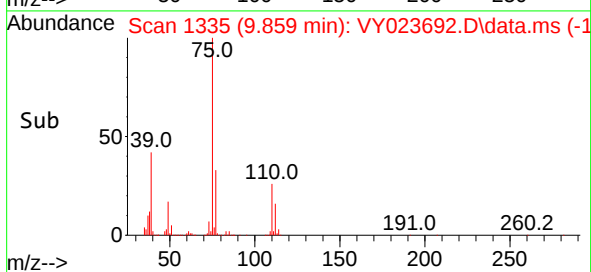
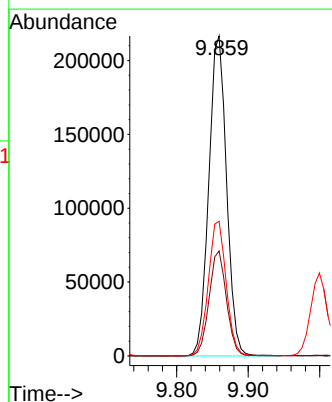
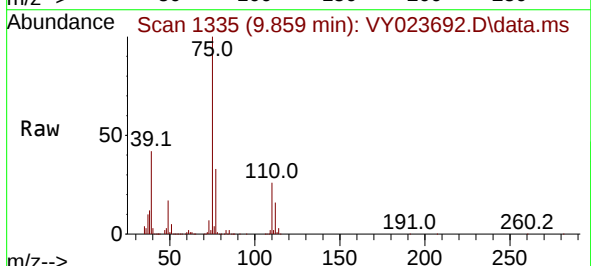
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

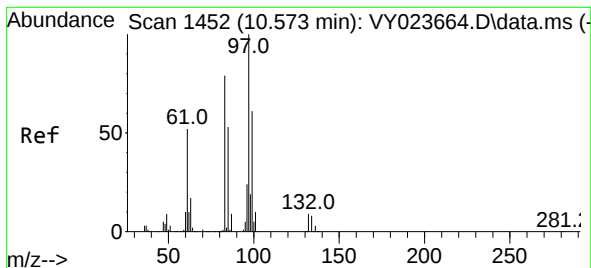
Tgt Ion: 75 Resp: 308969
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 52.038 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 75 Resp: 373395
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
39 42.1 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 50.815 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 190645

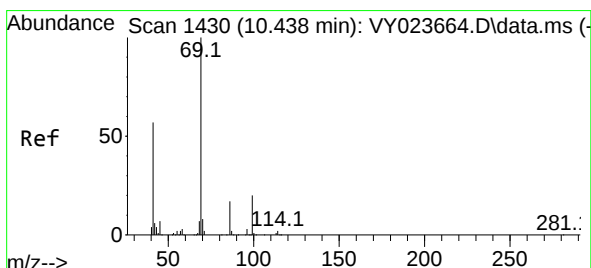
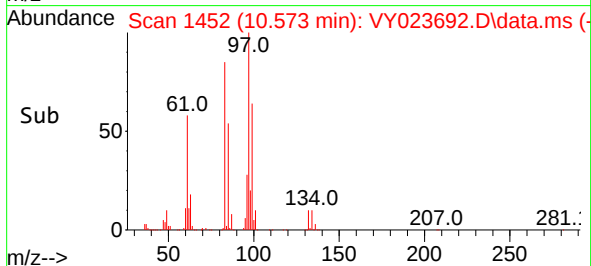
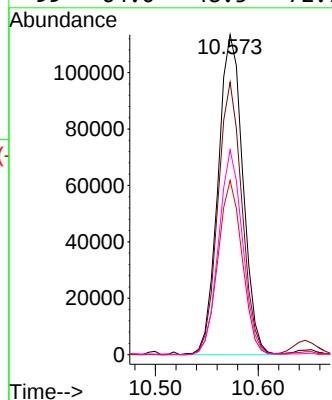
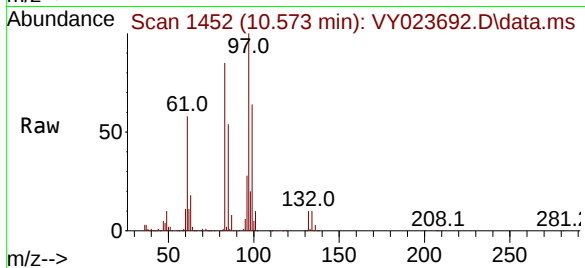
Ion Ratio Lower Upper

97 100

83 85.2 63.3 94.9

85 54.5 42.4 63.6

99 64.0 48.5 72.7



#56

Ethyl methacrylate

Concen: 50.939 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

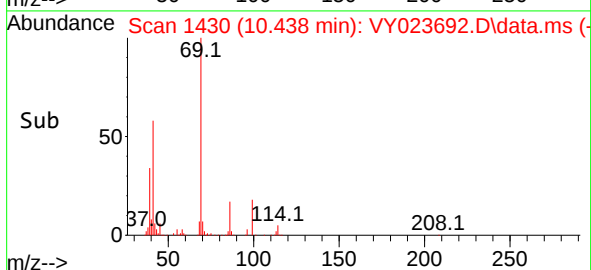
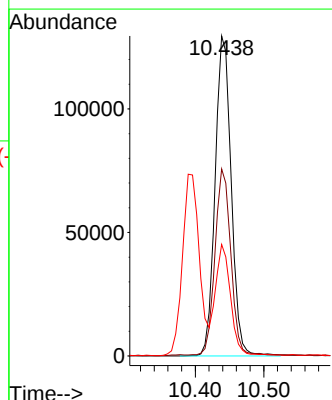
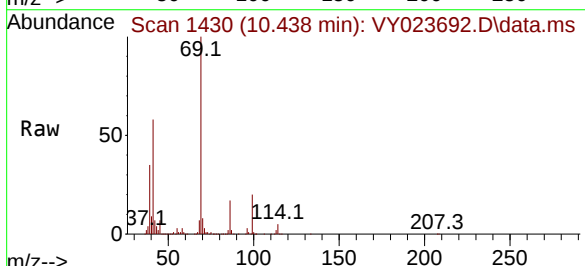
Tgt Ion: 69 Resp: 210565

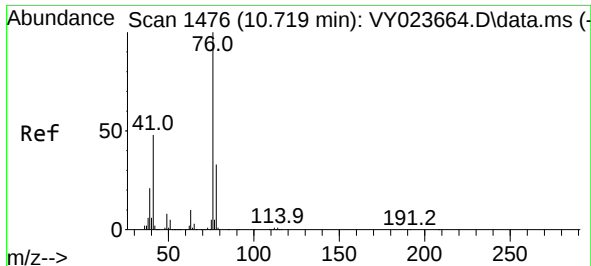
Ion Ratio Lower Upper

69 100

41 56.9 45.0 67.4

39 32.1 25.1 37.7





#57

1,3-Dichloropropane

Concen: 51.160 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

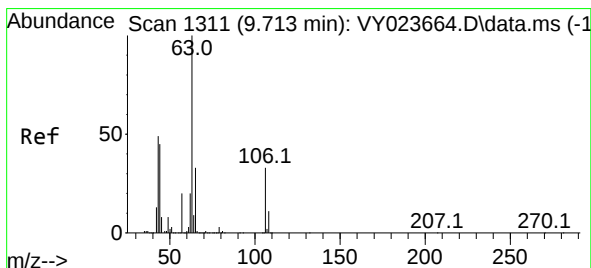
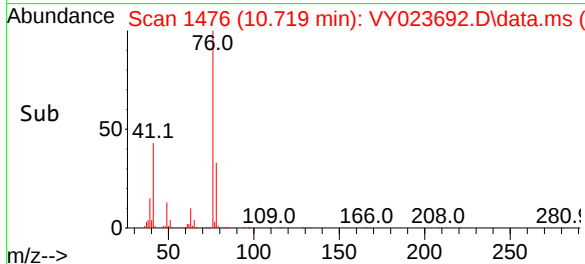
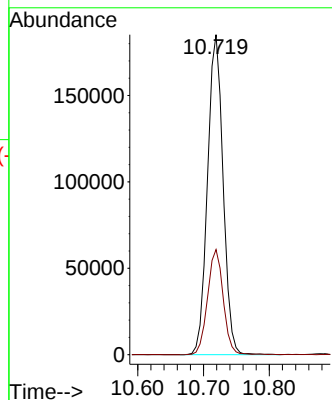
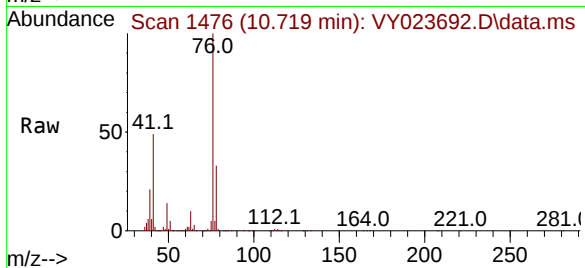
VSTDCCC050

Tgt Ion: 76 Resp: 304445

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 258.588 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023692.D

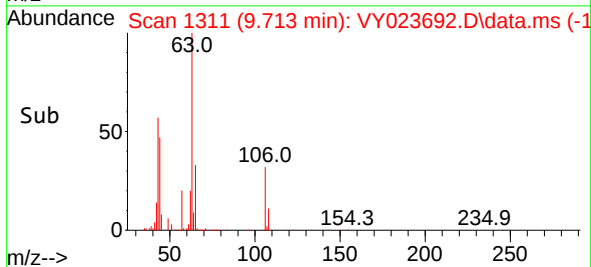
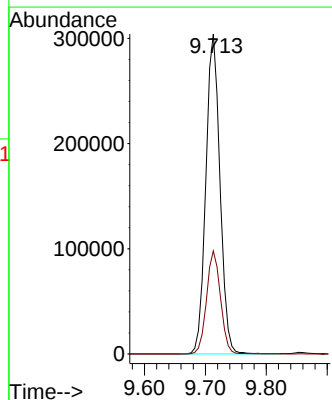
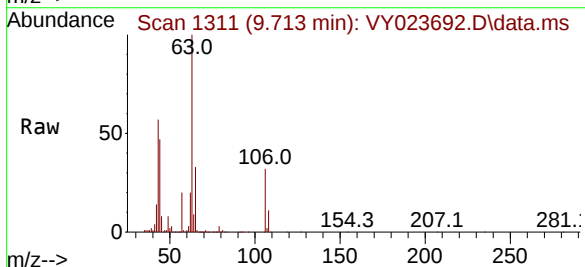
Acq: 06 Nov 2025 08:42

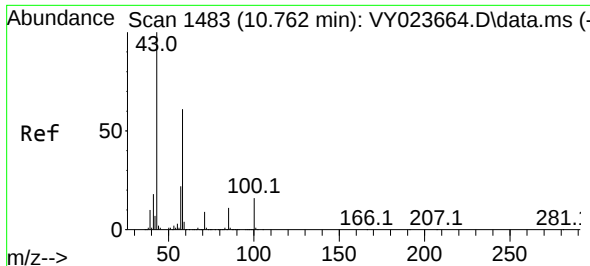
Tgt Ion: 63 Resp: 490497

Ion Ratio Lower Upper

63 100

106 31.8 26.2 39.2

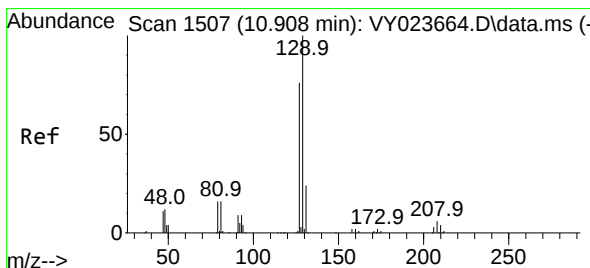
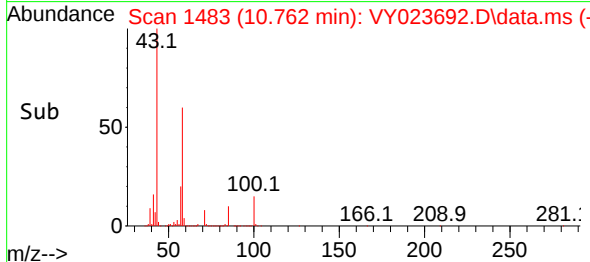
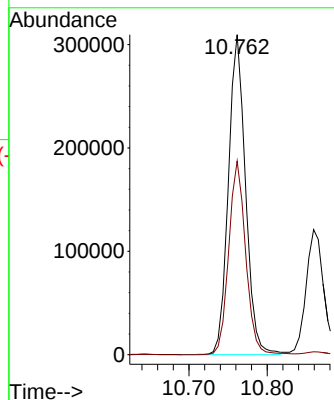
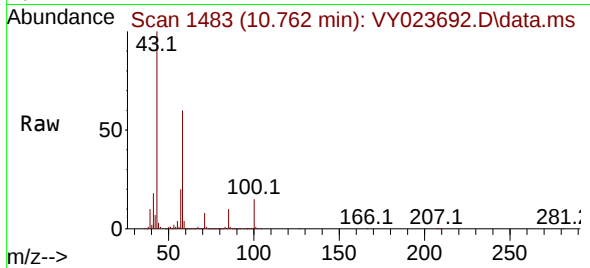




#59
2-Hexanone
Concen: 255.473 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

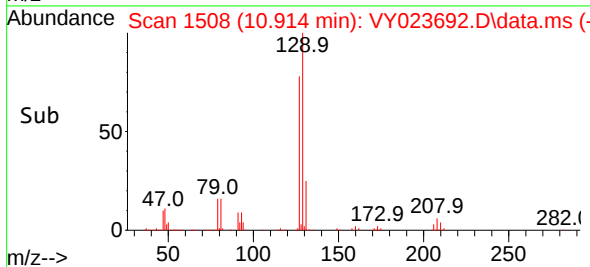
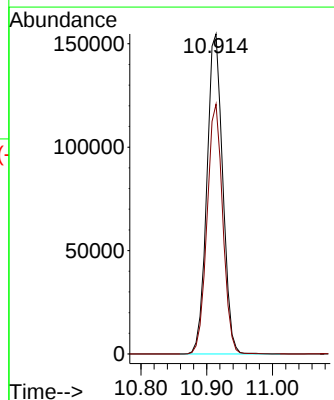
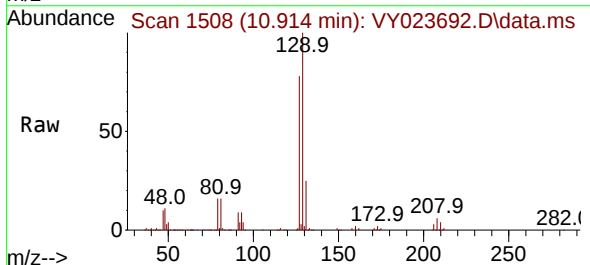
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

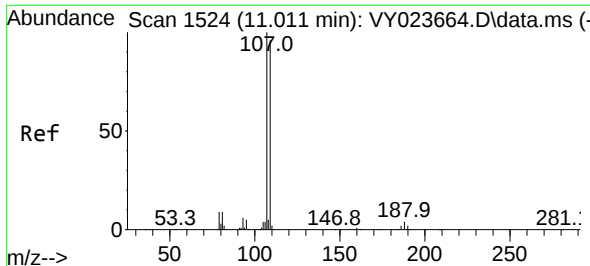
Tgt Ion: 43 Resp: 469572
Ion Ratio Lower Upper
43 100
58 60.0 30.2 90.6



#60
Dibromochloromethane
Concen: 50.236 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 129 Resp: 258963
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

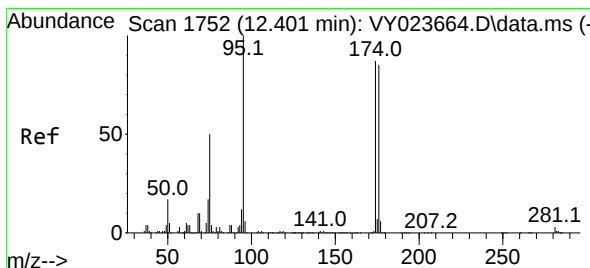
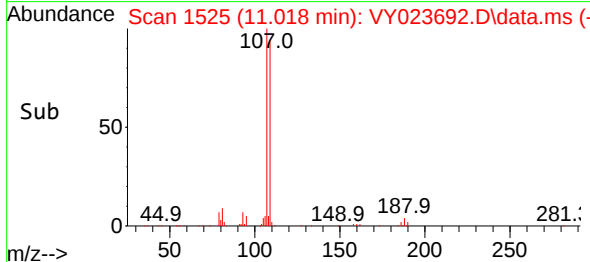
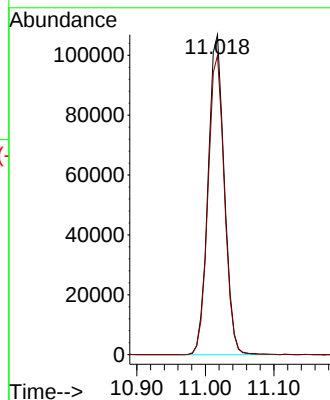
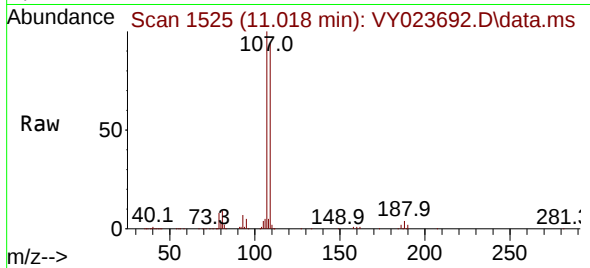




#61
1,2-Dibromoethane
Concen: 50.132 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

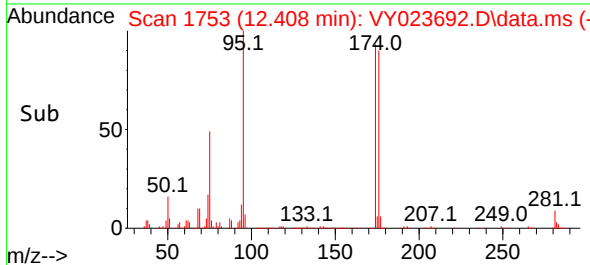
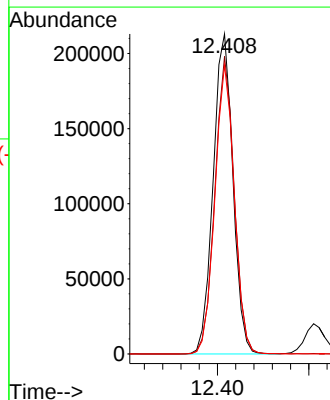
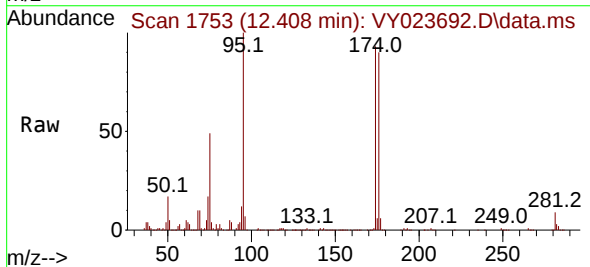
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

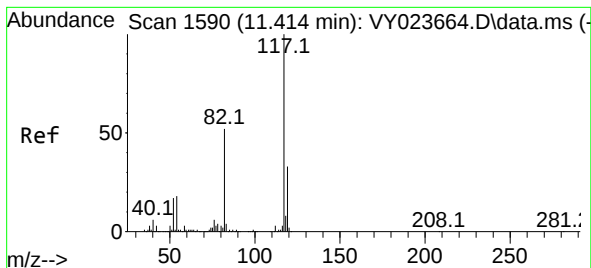
Tgt Ion:107 Resp: 176512
Ion Ratio Lower Upper
107 100
109 94.2 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 54.429 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 95 Resp: 319587
Ion Ratio Lower Upper
95 100
174 91.3 0.0 184.8
176 88.8 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

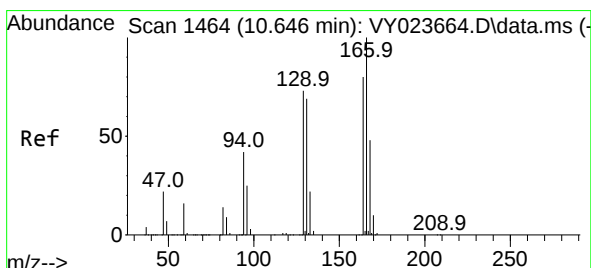
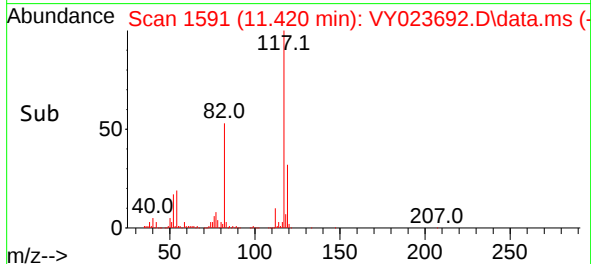
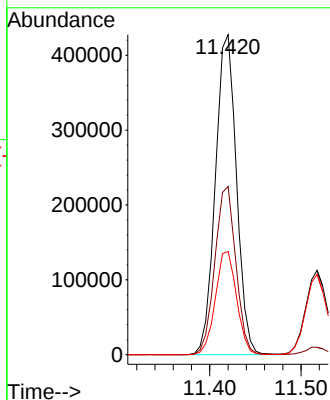
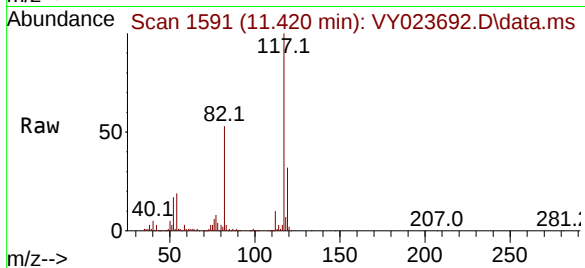
Tgt Ion:117 Resp: 686552

Ion Ratio Lower Upper

117 100

82 52.5 41.2 61.8

119 32.3 26.2 39.2



#64

Tetrachloroethene

Concen: 49.883 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Tgt Ion:164 Resp: 356458

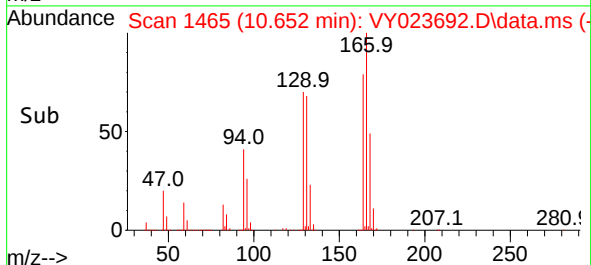
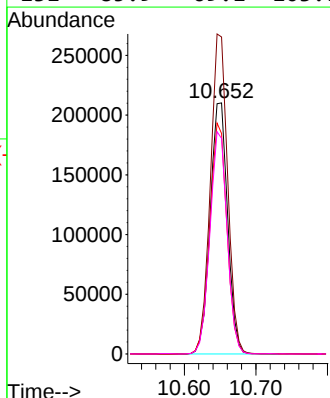
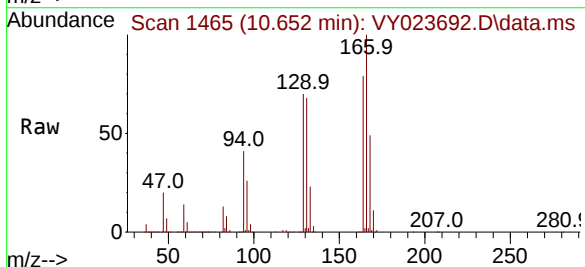
Ion Ratio Lower Upper

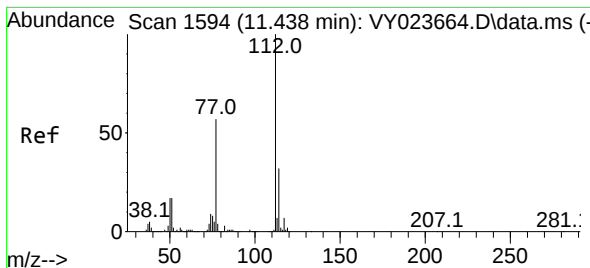
164 100

166 126.3 99.5 149.3

129 87.9 72.3 108.5

131 85.9 69.1 103.7

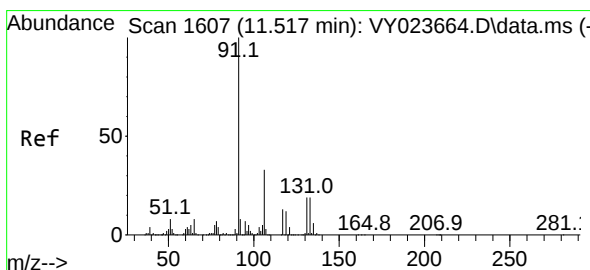
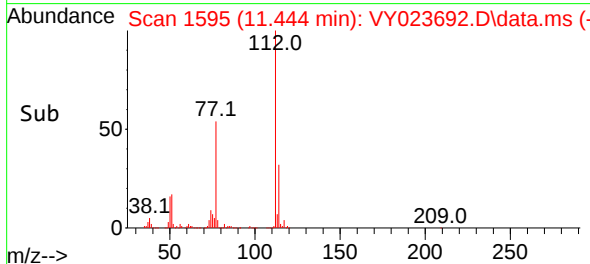
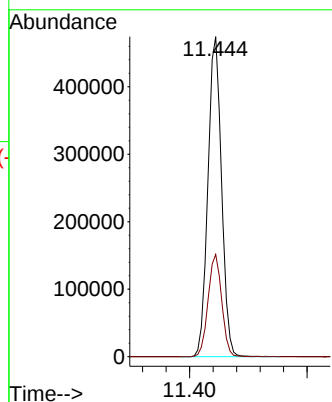
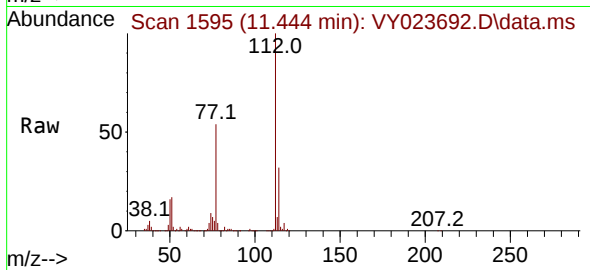




#65
Chlorobenzene
Concen: 50.915 ug/l
RT: 11.444 min Scan# 11595
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

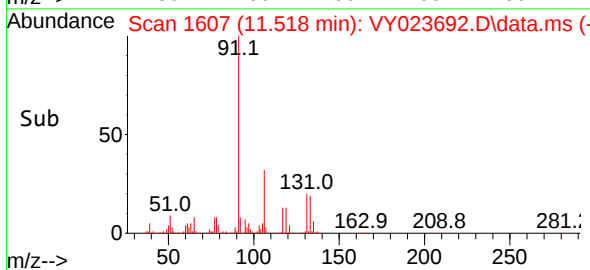
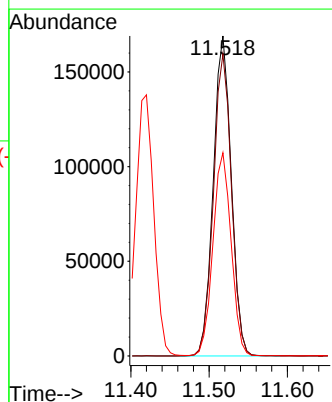
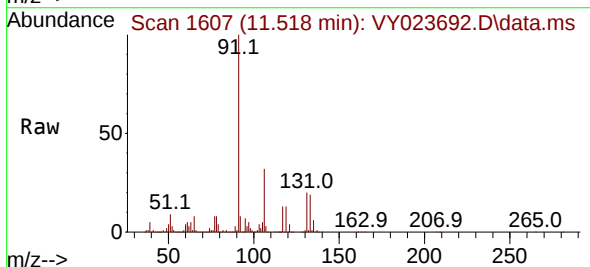
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

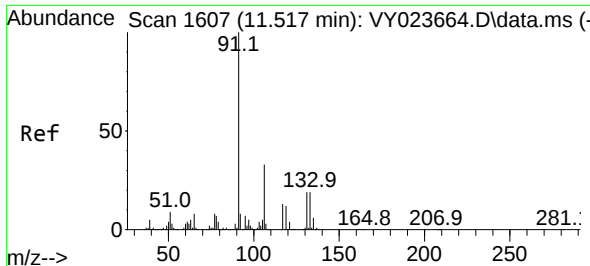
Tgt Ion:112 Resp: 760981
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.027 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion:131 Resp: 269685
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 64.2 32.5 97.4





#67

Ethyl Benzene

Concen: 53.799 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

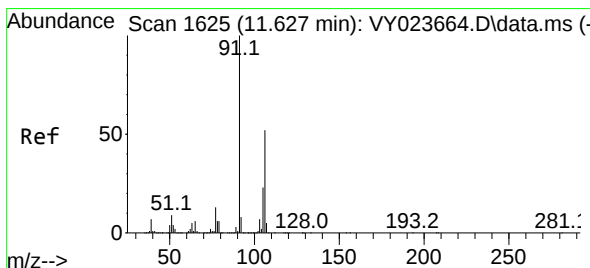
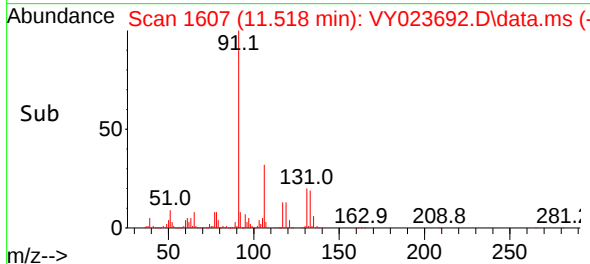
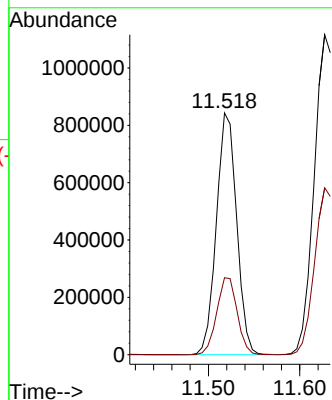
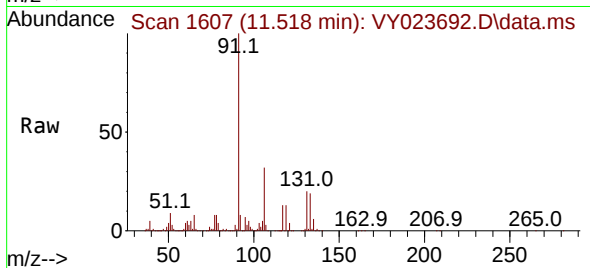
VSTDCCC050

Tgt Ion: 91 Resp: 1301401

Ion Ratio Lower Upper

91 100

106 31.9 26.6 40.0



#68

m/p-Xylenes

Concen: 108.286 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023692.D

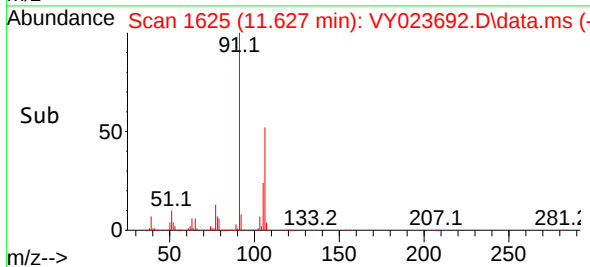
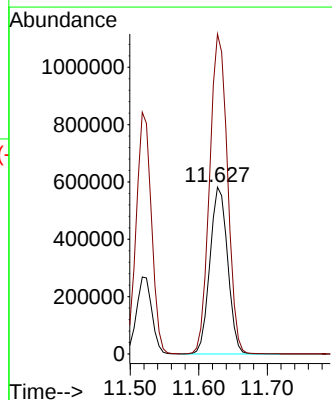
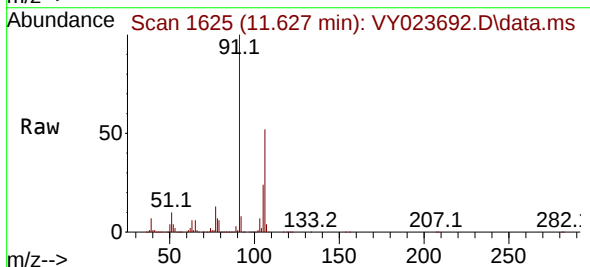
Acq: 06 Nov 2025 08:42

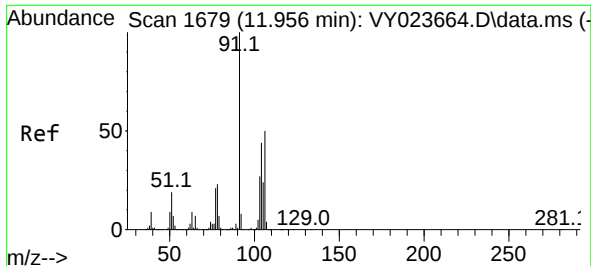
Tgt Ion:106 Resp: 1046555

Ion Ratio Lower Upper

106 100

91 193.6 154.3 231.5

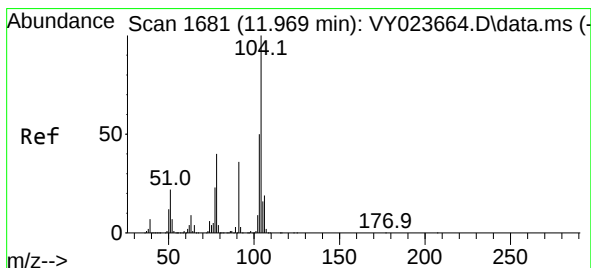
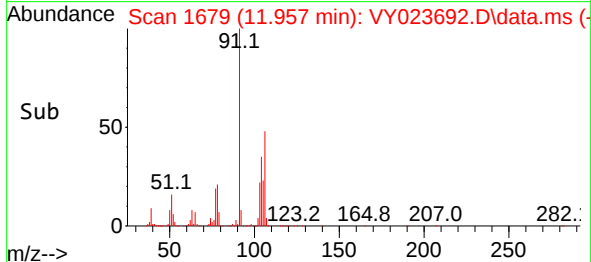
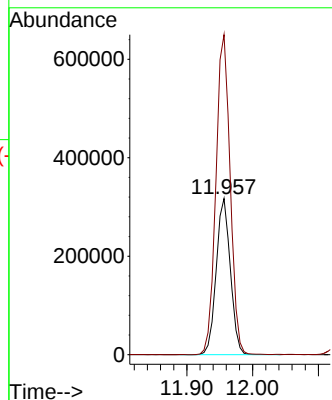
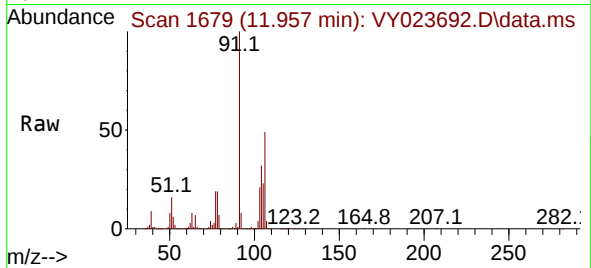




#69
o-Xylene
Concen: 53.067 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

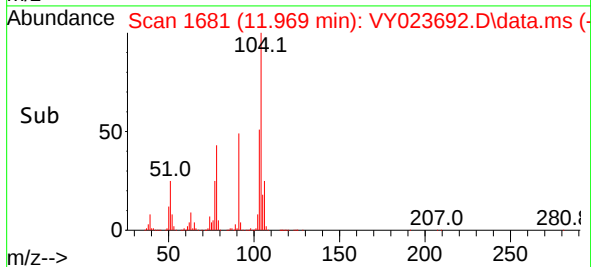
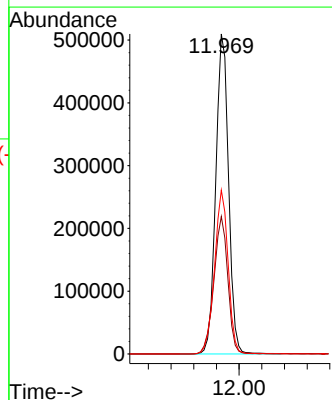
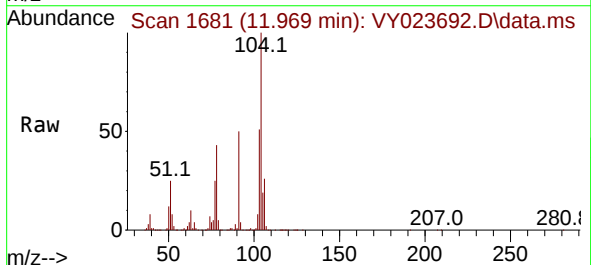
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

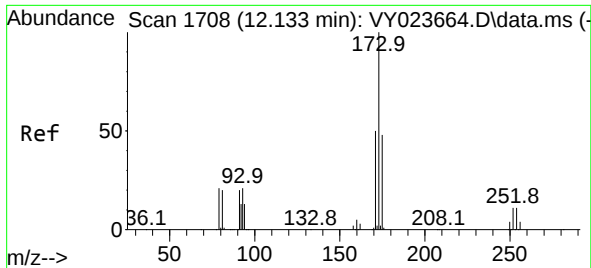
Tgt Ion:106 Resp: 474104
Ion Ratio Lower Upper
106 100
91 207.0 101.6 304.6



#70
Styrene
Concen: 54.077 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion:104 Resp: 797122
Ion Ratio Lower Upper
104 100
78 46.6 36.5 54.7
103 54.5 43.7 65.5

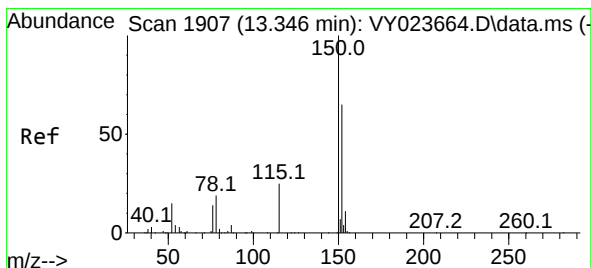
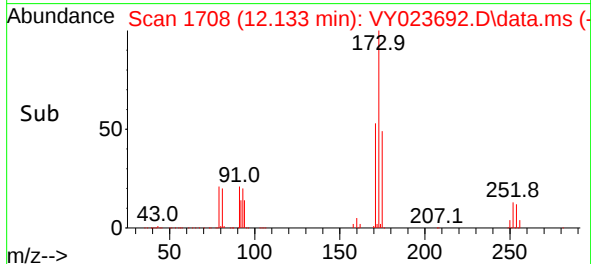
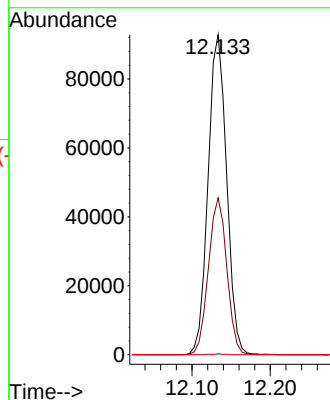
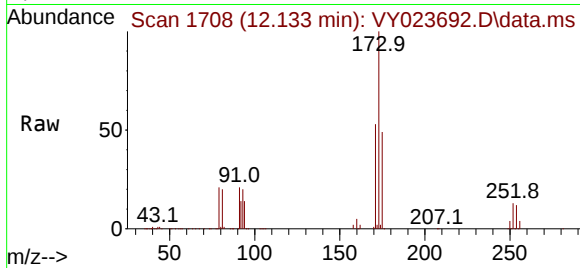




#71
Bromoform
Concen: 49.333 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

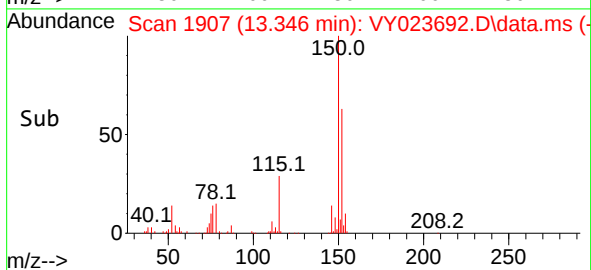
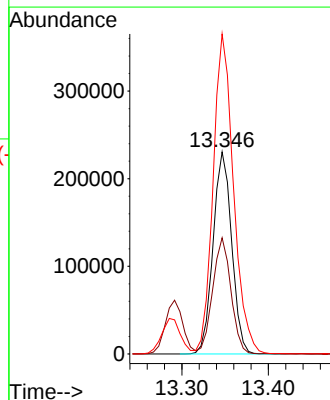
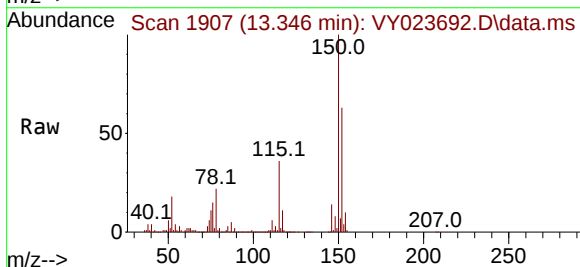
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

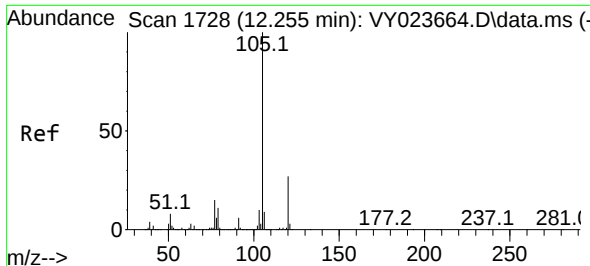
Tgt Ion:173 Resp: 152278
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion:152 Resp: 343829
Ion Ratio Lower Upper
152 100
115 56.2 27.5 82.5
150 173.5 0.0 349.0

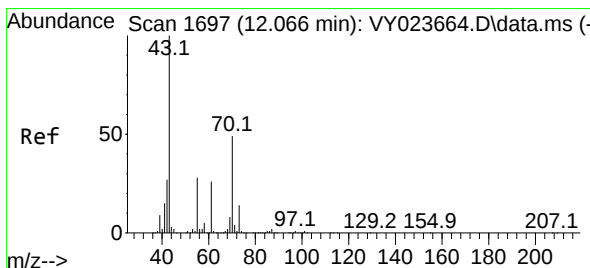
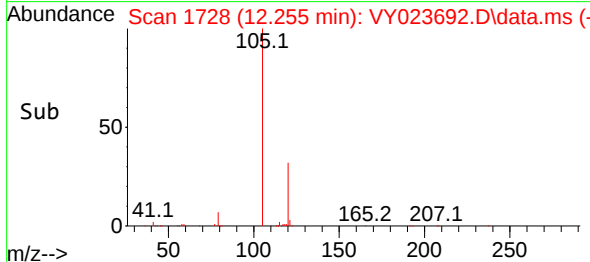
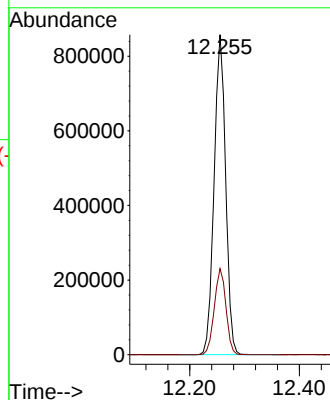
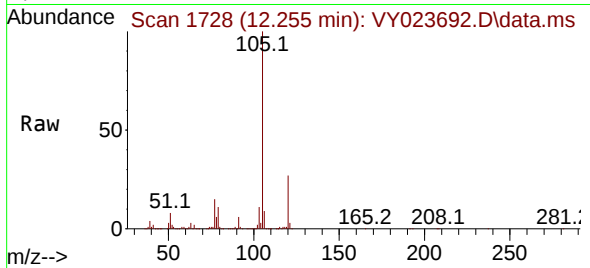




#73
Isopropylbenzene
Concen: 54.235 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

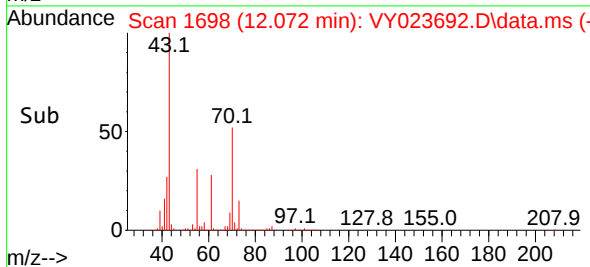
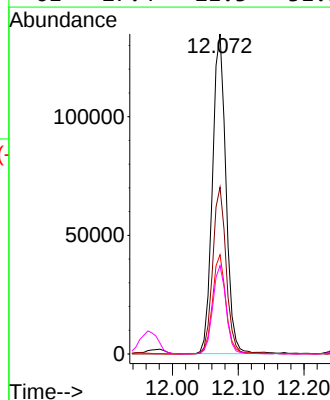
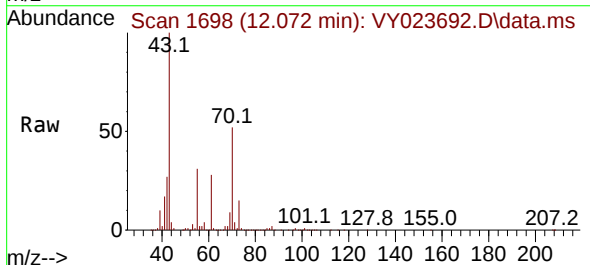
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

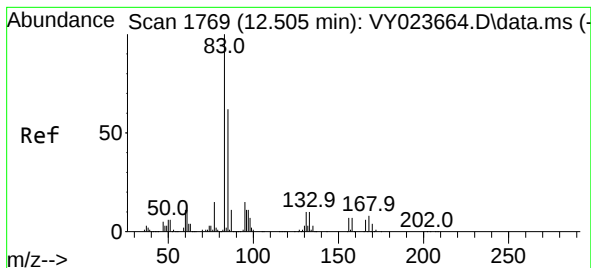
Tgt Ion:105 Resp: 1247196
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 49.594 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 43 Resp: 193086
Ion Ratio Lower Upper
43 100
70 52.1 40.1 60.1
55 31.2 23.0 34.6
61 27.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.279 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

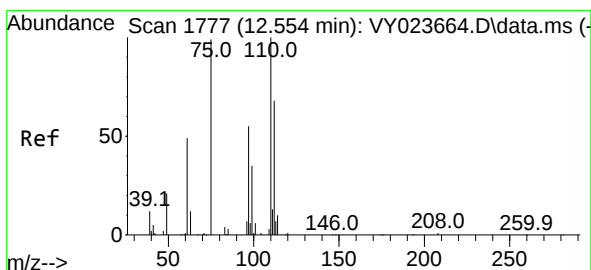
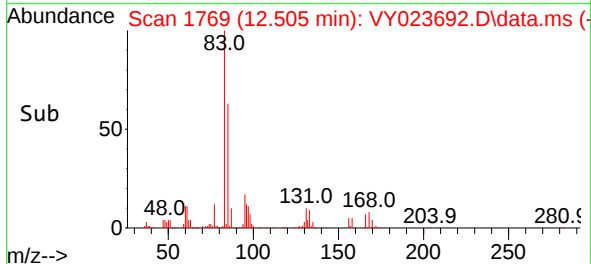
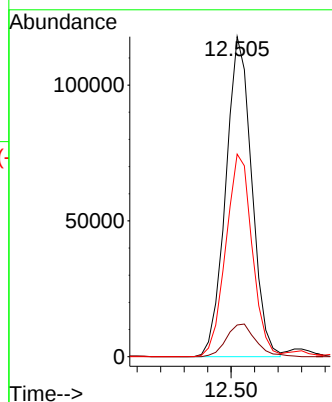
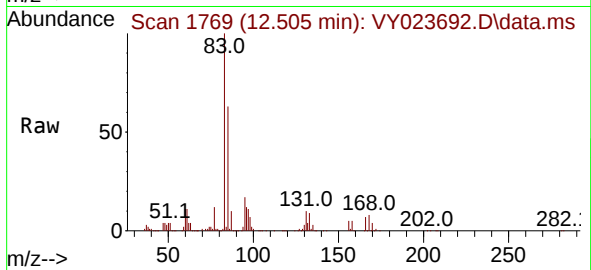
Tgt Ion: 83 Resp: 180988

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 90.109 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023692.D

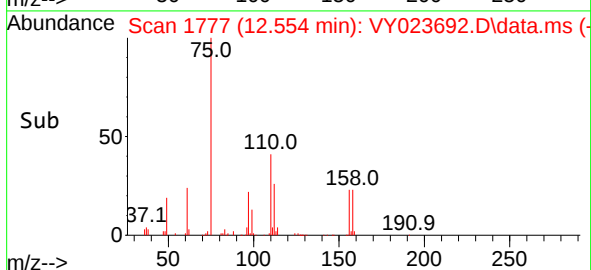
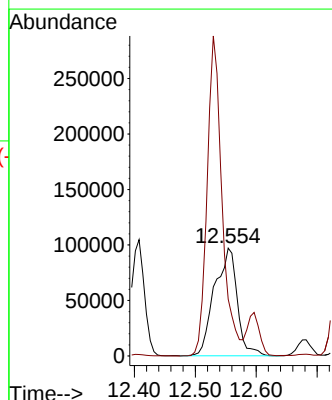
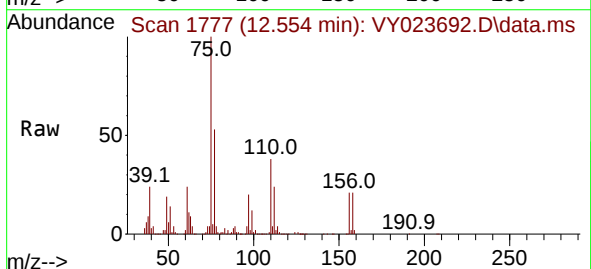
Acq: 06 Nov 2025 08:42

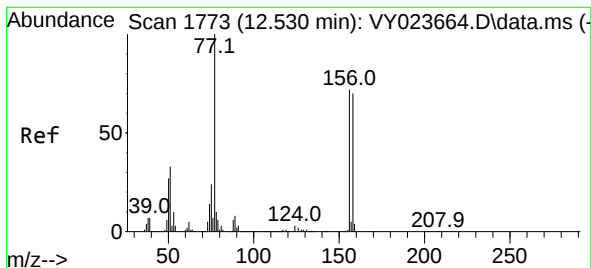
Tgt Ion: 75 Resp: 250741

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.371 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

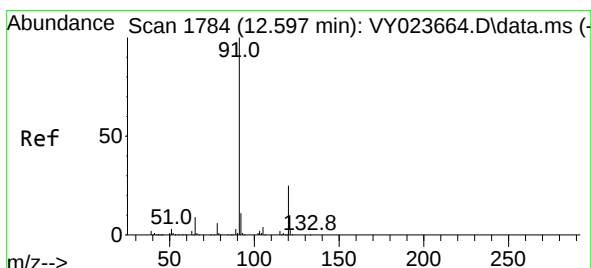
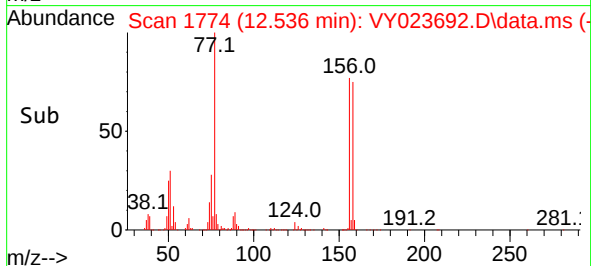
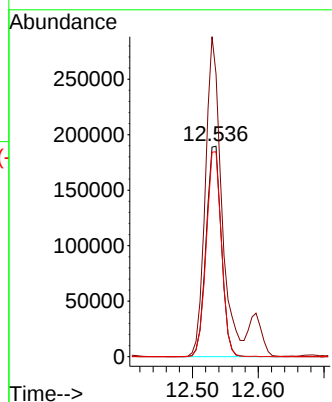
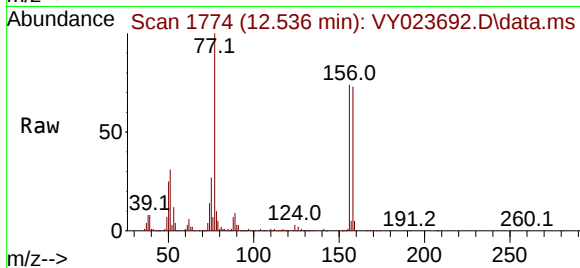
Tgt Ion:156 Resp: 306426

Ion Ratio Lower Upper

156 100

77 161.7 77.9 233.7

158 97.4 48.5 145.5



#78

n-propylbenzene

Concen: 54.555 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023692.D

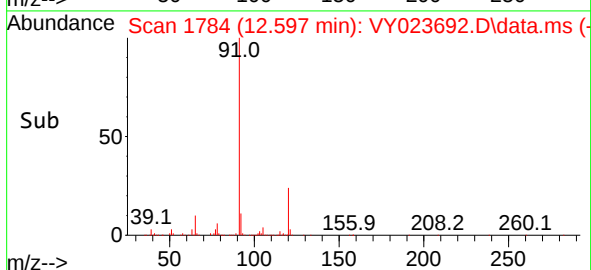
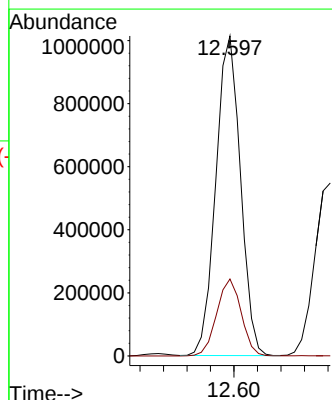
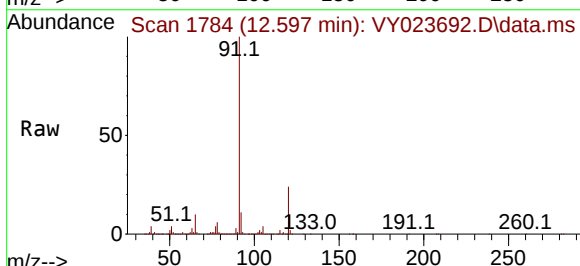
Acq: 06 Nov 2025 08:42

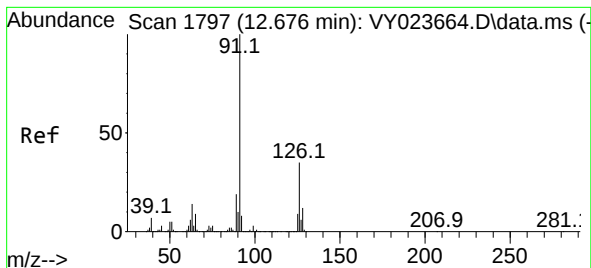
Tgt Ion: 91 Resp: 1475672

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.1





#79

2-Chlorotoluene

Concen: 53.786 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

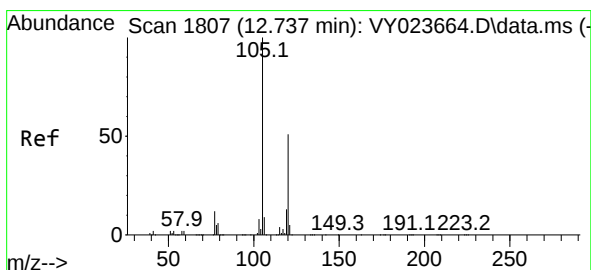
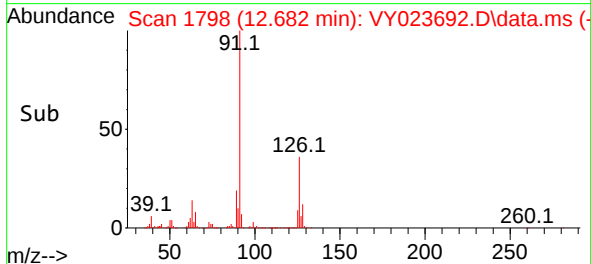
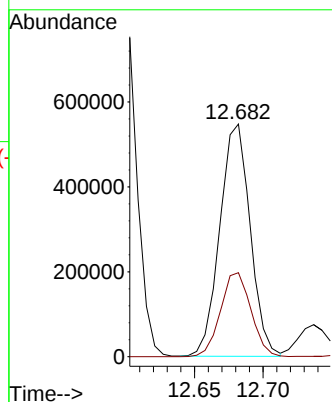
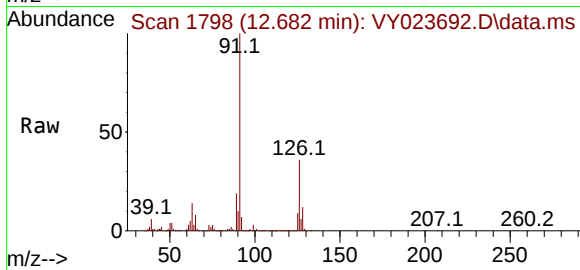
VSTDCCC050

Tgt Ion: 91 Resp: 844237

Ion Ratio Lower Upper

91 100

126 36.3 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 55.309 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY023692.D

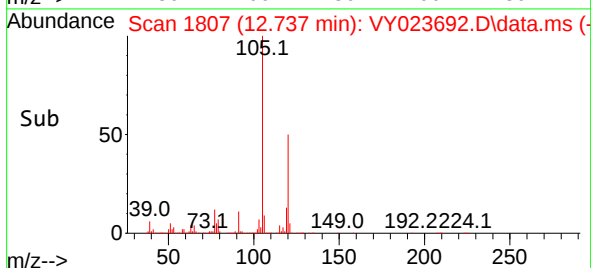
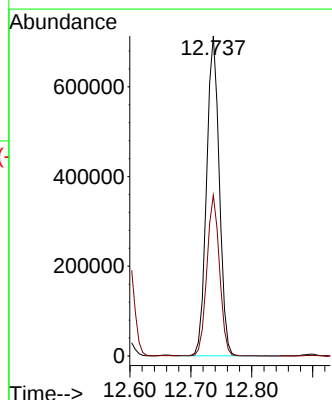
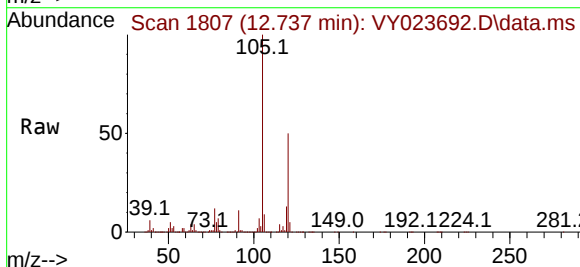
Acq: 06 Nov 2025 08:42

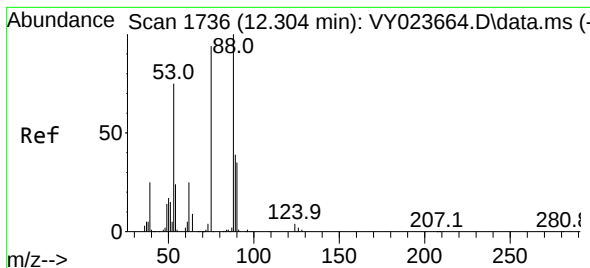
Tgt Ion: 105 Resp: 1033388

Ion Ratio Lower Upper

105 100

120 49.8 25.4 76.2

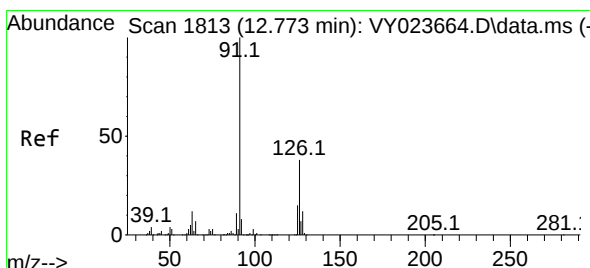
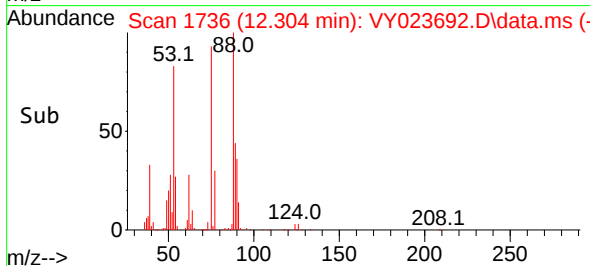
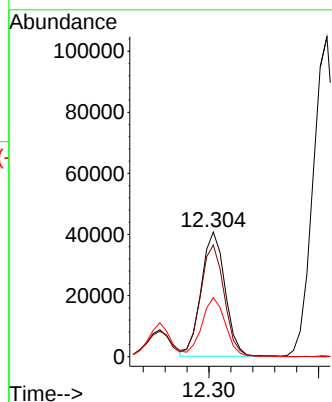
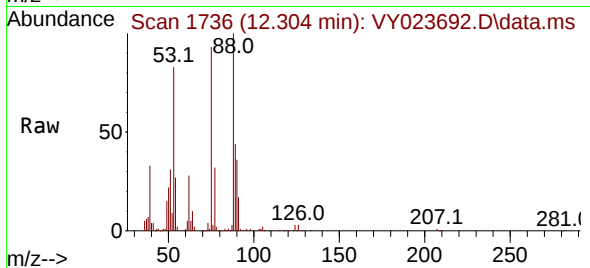




#81
trans-1,4-Dichloro-2-butene
Concen: 49.884 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

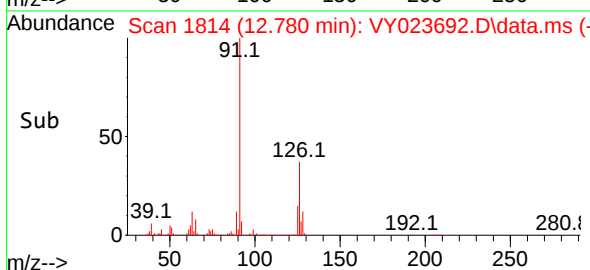
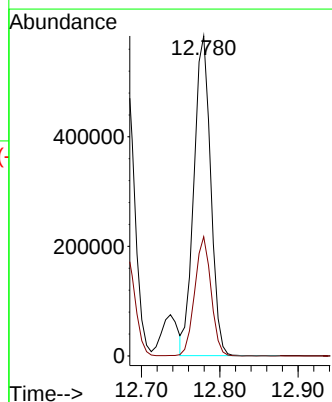
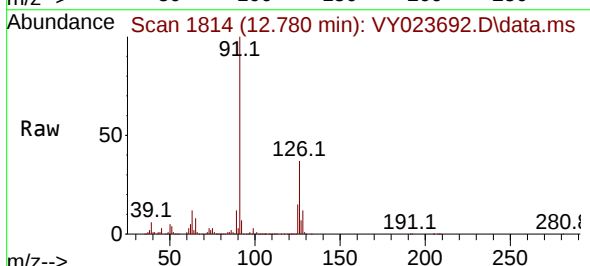
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

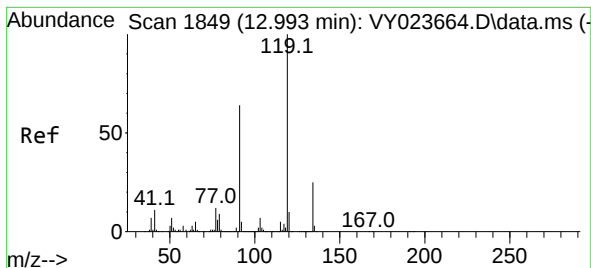
Tgt Ion: 75 Resp: 61422
Ion Ratio Lower Upper
75 100
53 90.4 69.6 104.4
89 46.9 38.2 57.4



#82
4-Chlorotoluene
Concen: 53.657 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion: 91 Resp: 868577
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.4





#83

tert-Butylbenzene

Concen: 53.674 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

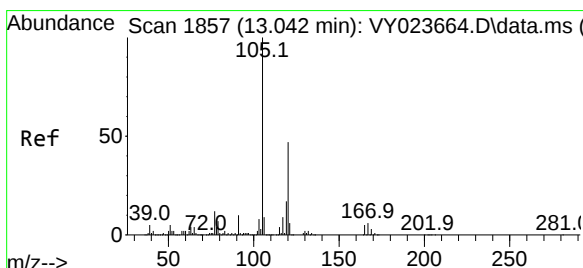
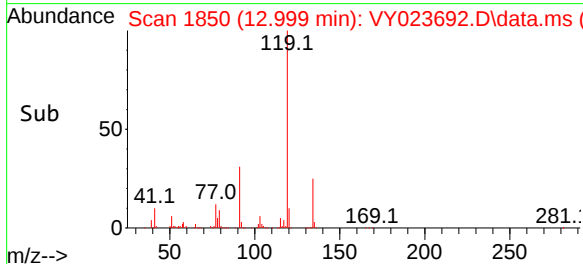
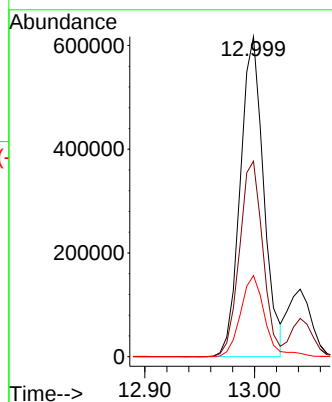
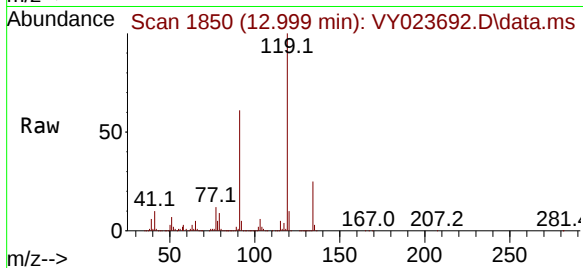
Tgt Ion:119 Resp: 913367

Ion Ratio Lower Upper

119 100

91 61.1 30.7 92.1

134 26.3 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 55.213 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023692.D

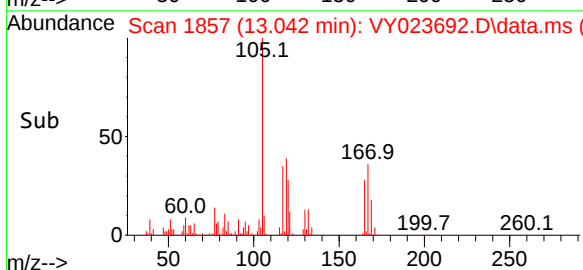
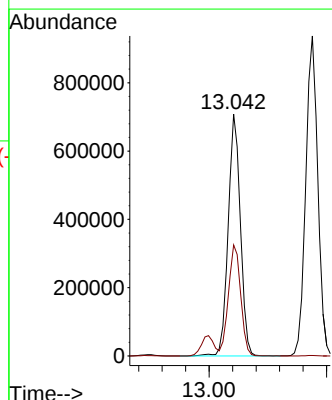
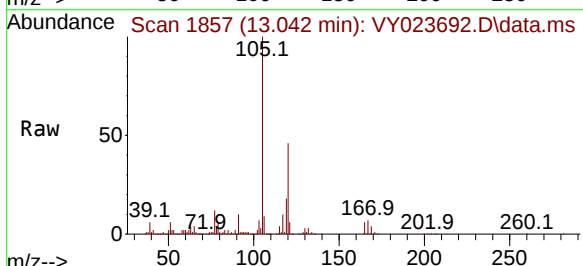
Acq: 06 Nov 2025 08:42

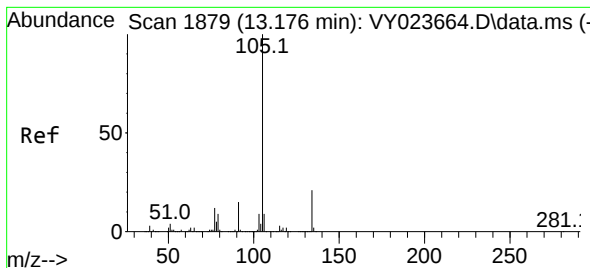
Tgt Ion:105 Resp: 1021769

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.121 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

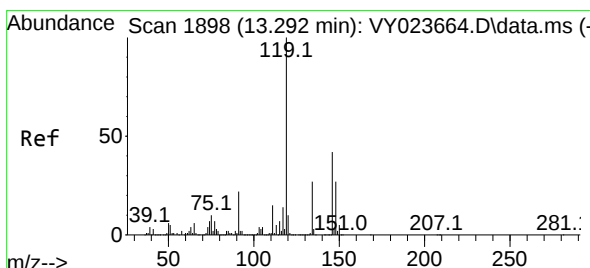
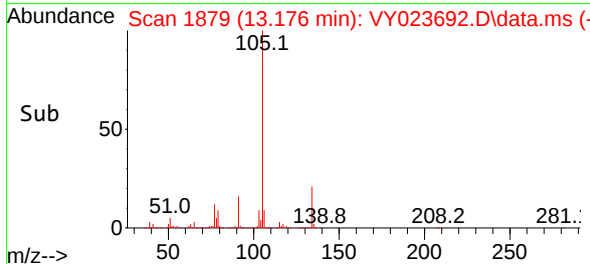
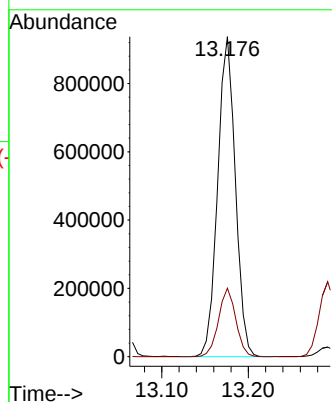
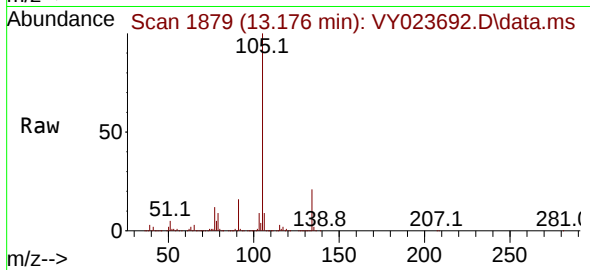
VSTDCCC050

Tgt Ion:105 Resp: 1328351

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 54.561 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

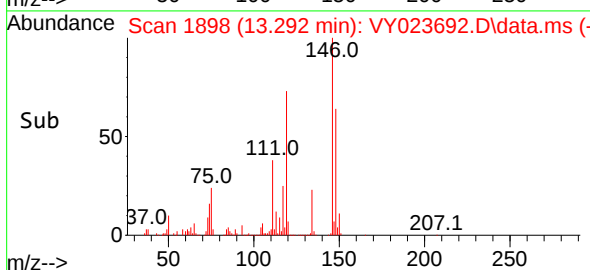
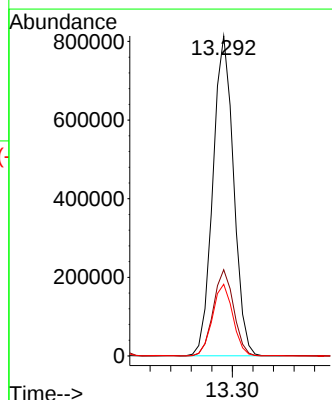
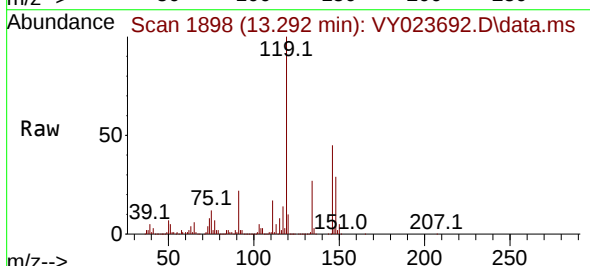
Tgt Ion:119 Resp: 1133654

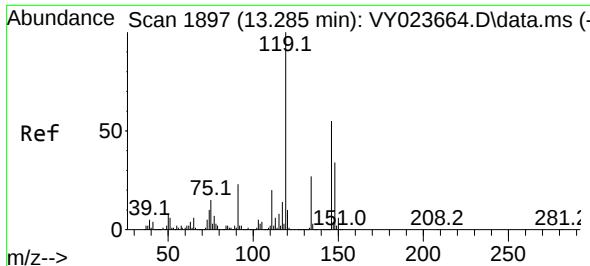
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.2 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 50.991 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

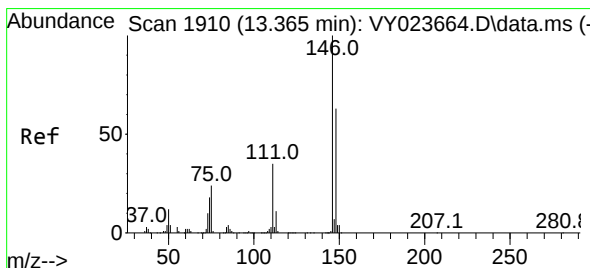
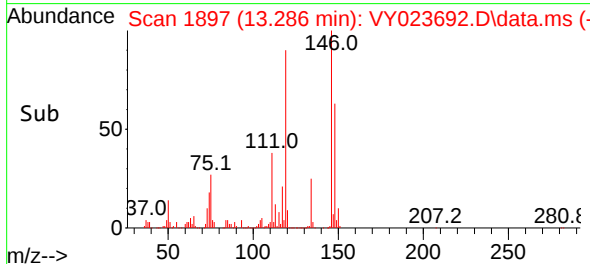
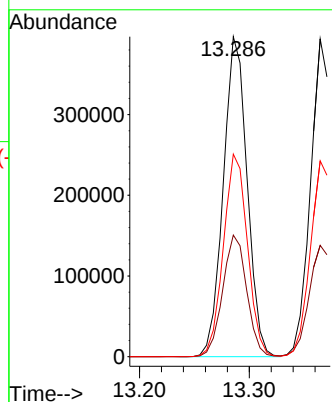
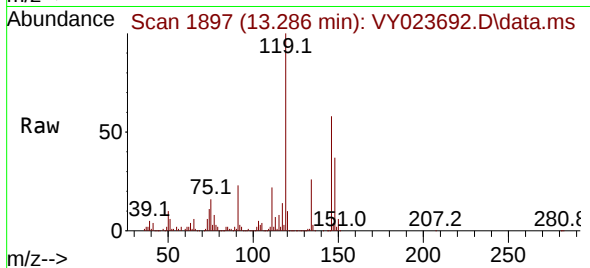
Tgt Ion:146 Resp: 598647

Ion Ratio Lower Upper

146 100

111 38.4 18.8 56.3

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.514 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

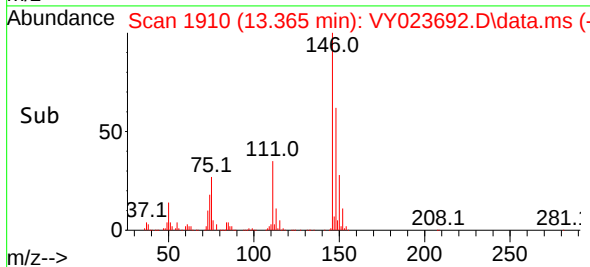
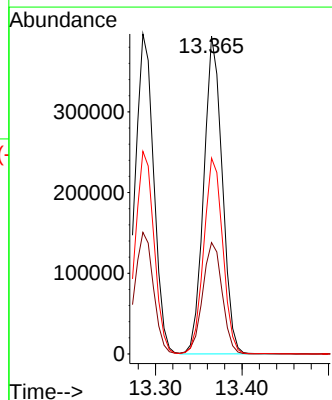
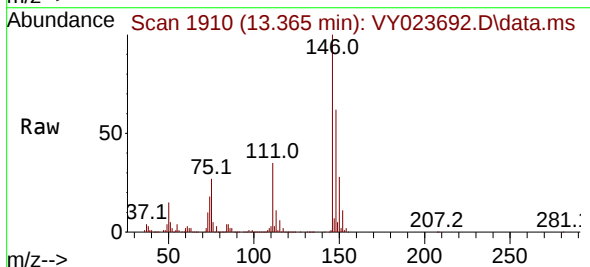
Tgt Ion:146 Resp: 582564

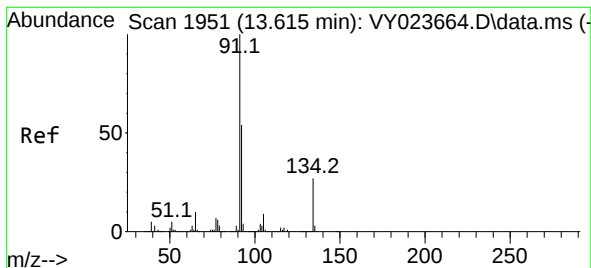
Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

148 63.3 31.8 95.3





#89

n-Butylbenzene

Concen: 55.188 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

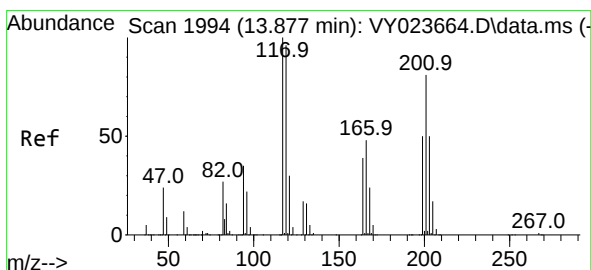
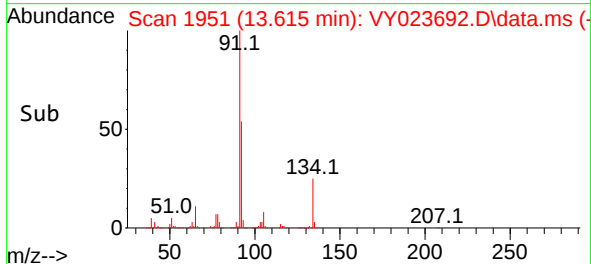
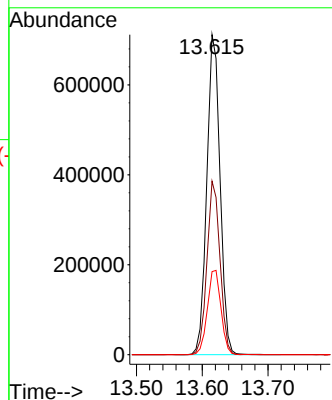
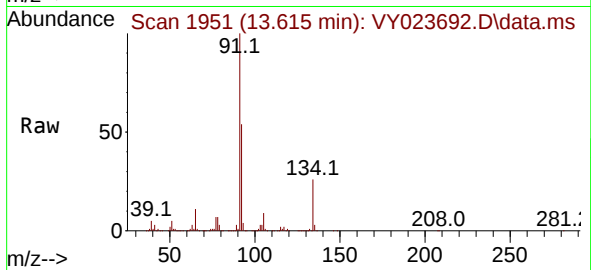
Tgt Ion: 91 Resp: 997124

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.4

134 27.1 13.7 41.1



#90

Hexachloroethane

Concen: 51.431 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023692.D

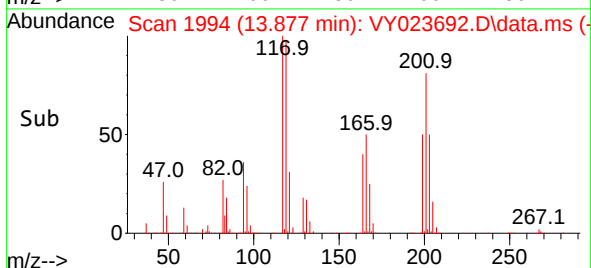
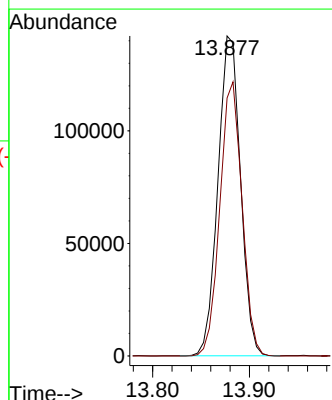
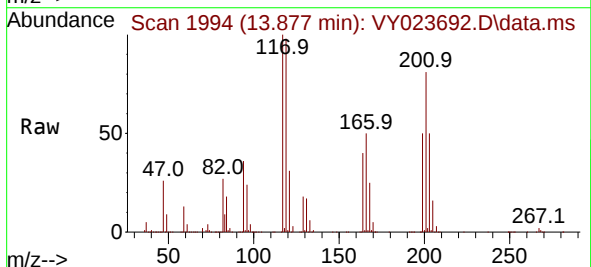
Acq: 06 Nov 2025 08:42

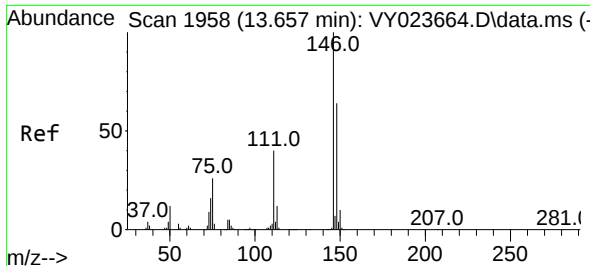
Tgt Ion: 117 Resp: 229647

Ion Ratio Lower Upper

117 100

201 84.2 42.3 126.8

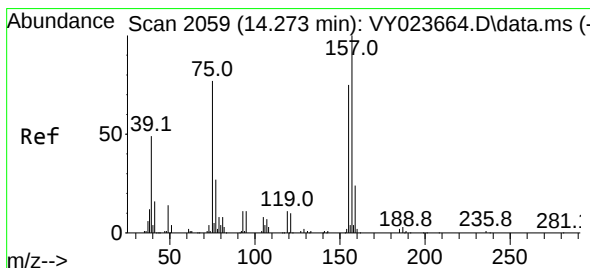
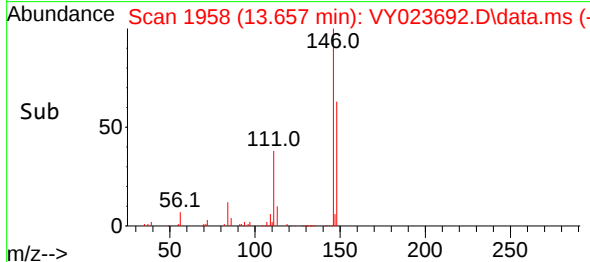
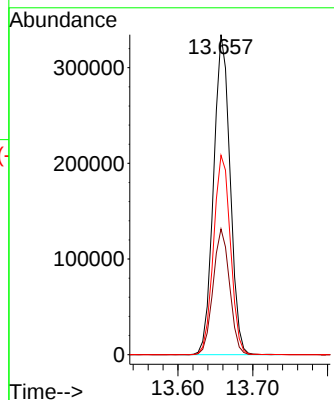
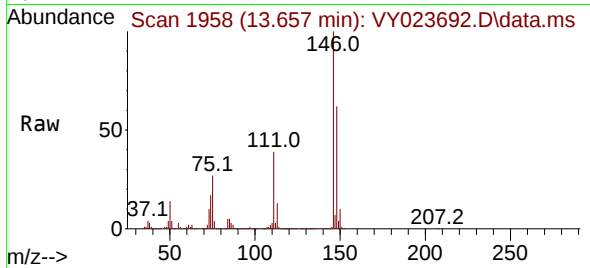




#91
 1,2-Dichlorobenzene
 Concen: 50.757 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023692.D
 Acq: 06 Nov 2025 08:42

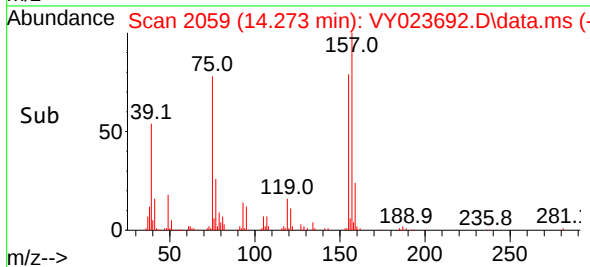
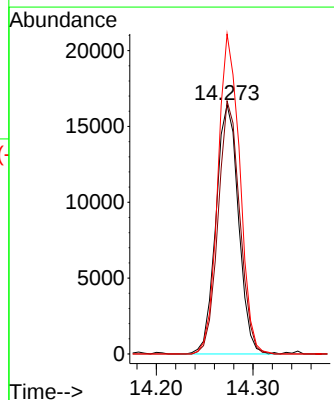
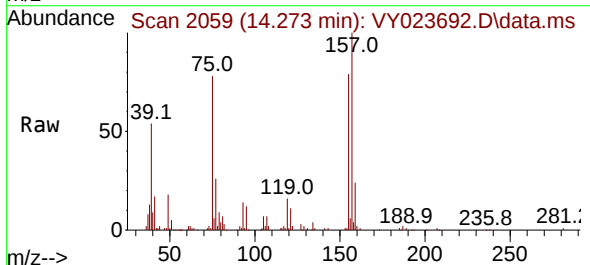
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

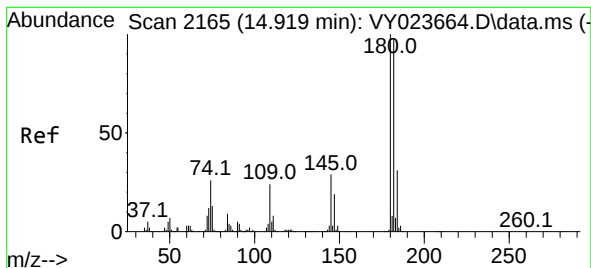
Tgt Ion:146 Resp: 513536
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.5 58.5
 148 63.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.980 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023692.D
 Acq: 06 Nov 2025 08:42

Tgt Ion: 75 Resp: 26567
 Ion Ratio Lower Upper
 75 100
 155 97.0 49.4 148.2
 157 124.1 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 50.173 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

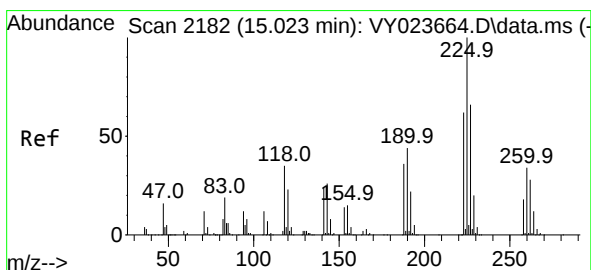
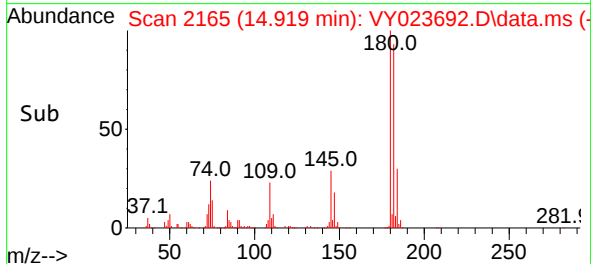
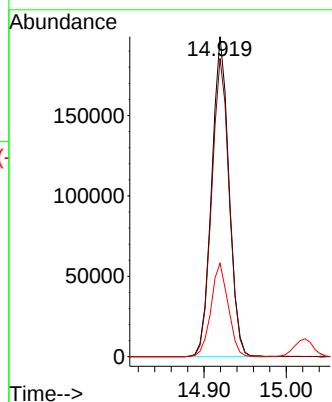
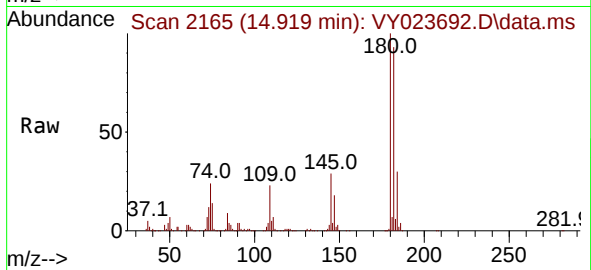
Tgt Ion:180 Resp: 290360

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.6

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 51.103 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023692.D

Acq: 06 Nov 2025 08:42

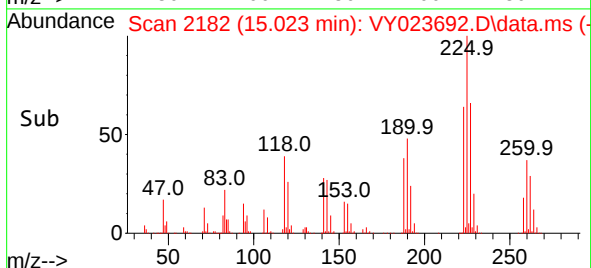
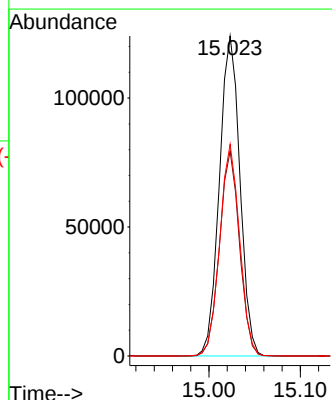
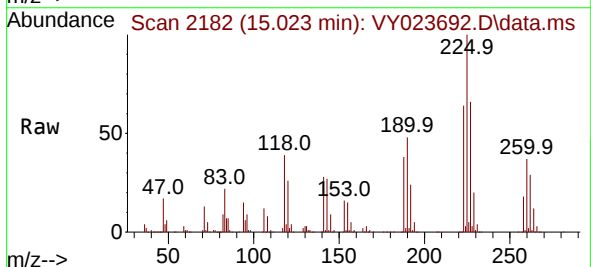
Tgt Ion:225 Resp: 193773

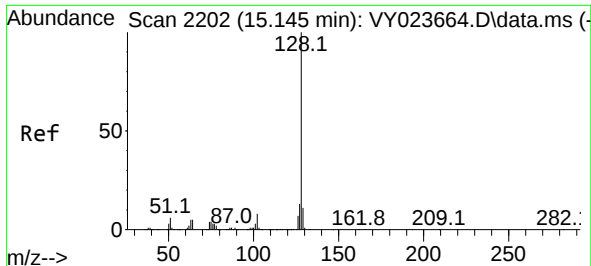
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 64.2 32.0 96.2

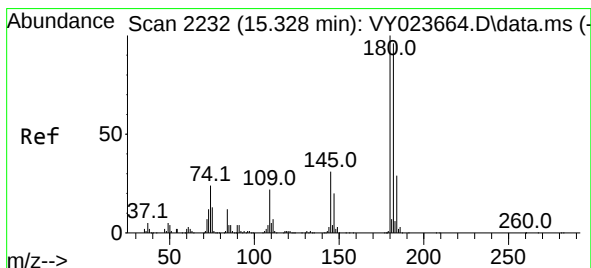
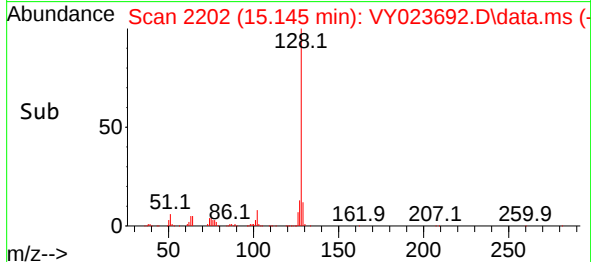
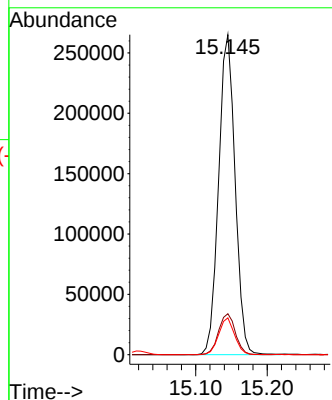
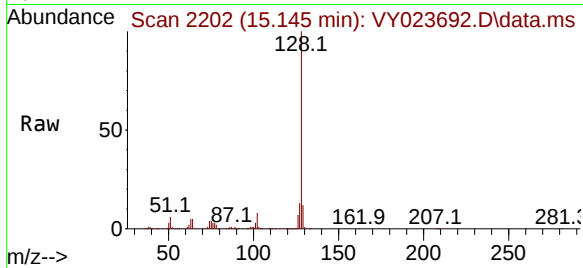




#95
Naphthalene
Concen: 42.786 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 424304
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.428 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023692.D
Acq: 06 Nov 2025 08:42

Tgt Ion:180 Resp: 238992
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.6
145 31.0 15.5 46.5

