

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023863.D
 Acq On : 02 Dec 2025 17:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 03 01:05:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	456826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	713050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	638998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	343372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	228201	51.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.640	113	218990	51.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.109	98	861973	51.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.408	95	292627	53.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	151901	44.122	ug/l	94
3) Chloromethane	2.080	50	214647	40.754	ug/l	100
4) Vinyl Chloride	2.214	62	255065	44.767	ug/l	100
5) Bromomethane	2.604	94	178612	44.439	ug/l	96
6) Chloroethane	2.745	64	178203	47.992	ug/l	98
7) Trichlorofluoromethane	3.068	101	376764	48.911	ug/l	96
8) Diethyl Ether	3.464	74	121715	50.168	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	227853	50.682	ug/l	99
10) Methyl Iodide	4.013	142	218520	44.356	ug/l	99
11) Tert butyl alcohol	4.872	59	76986	210.703	ug/l	99
12) 1,1-Dichloroethene	3.799	96	213419	48.253	ug/l	97
13) Acrolein	3.659	56	101146	192.567	ug/l	98
14) Allyl chloride	4.397	41	357591	51.034	ug/l	97
15) Acrylonitrile	5.067	53	278278	265.754	ug/l	98
16) Acetone	3.872	43	365158	284.887	ug/l	99
17) Carbon Disulfide	4.116	76	582703	40.823	ug/l	99
18) Methyl Acetate	4.397	43	136953	55.327	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	597727	52.882	ug/l	96
20) Methylene Chloride	4.622	84	251805	46.468	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	238348	48.671	ug/l	97
22) Diisopropyl ether	6.025	45	847240	55.921	ug/l	98
23) Vinyl Acetate	5.970	43	2299438	272.926	ug/l	99
24) 1,1-Dichloroethane	5.921	63	464259	52.089	ug/l	98
25) 2-Butanone	6.902	43	424708	271.509	ug/l	99
26) 2,2-Dichloropropane	6.896	77	396622	50.203	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	294375	51.765	ug/l	100
28) Bromochloromethane	7.250	49	162812	43.915	ug/l	97
29) Tetrahydrofuran	7.268	42	227666	260.948	ug/l	99
30) Chloroform	7.427	83	474404	52.934	ug/l	97
31) Cyclohexane	7.707	56	399448	46.703	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	412138	51.807	ug/l	99
36) 1,1-Dichloropropene	7.841	75	334822	51.698	ug/l	100
37) Ethyl Acetate	6.988	43	164334	53.945	ug/l	98
38) Carbon Tetrachloride	7.823	117	370738	52.151	ug/l	100
39) Methylcyclohexane	9.115	83	420337	49.142	ug/l	99
40) Benzene	8.085	78	1030999	51.730	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	67491	44.377	ug/l #	80
42) 1,2-Dichloroethane	8.164	62	280936	54.676	ug/l	100
43) Isopropyl Acetate	8.201	43	310573	54.555	ug/l #	87
44) Trichloroethene	8.872	130	272809	53.349	ug/l	96
45) 1,2-Dichloropropane	9.146	63	255943	54.467	ug/l	99
46) Dibromomethane	9.237	93	137078	53.759	ug/l	99
47) Bromodichloromethane	9.426	83	364780	54.741	ug/l	96
48) Methyl methacrylate	9.225	41	151250	56.429	ug/l	97
49) 1,4-Dioxane	9.231	88	29359	1027.375	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	846370	282.414	ug/l	99
52) Toluene	10.176	92	659698	53.393	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	332217	54.424	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	392948	53.778	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	186833	54.699	ug/l	97
56) Ethyl methacrylate	10.444	69	247574	55.201	ug/l	97
57) 1,3-Dichloropropane	10.719	76	325380	54.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	587499	272.679	ug/l	100
59) 2-Hexanone	10.761	43	630654	284.572	ug/l	98
60) Dibromochloromethane	10.914	129	252546	55.099	ug/l	99
61) 1,2-Dibromoethane	11.018	107	171042	53.948	ug/l	98
64) Tetrachloroethene	10.652	164	344125	56.769	ug/l	97
65) Chlorobenzene	11.444	112	728661	51.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	256243	53.776	ug/l	99
67) Ethyl Benzene	11.524	91	1282100	53.514	ug/l	99
68) m/p-Xylenes	11.633	106	988184	107.038	ug/l	99
69) o-Xylene	11.956	106	467119	53.970	ug/l	98
70) Styrene	11.975	104	785459	55.090	ug/l	100
71) Bromoform	12.133	173	148223	53.327	ug/l #	99
73) Isopropylbenzene	12.255	105	1234512	50.657	ug/l	100
74) N-amyl acetate	12.072	43	273839	50.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	186910	46.585	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	278137	93.146	ug/l #	100
77) Bromobenzene	12.536	156	285583	49.822	ug/l	99
78) n-propylbenzene	12.597	91	1489015	50.750	ug/l	99
79) 2-Chlorotoluene	12.682	91	842278	49.879	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1010292	50.783	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	69776	49.392	ug/l	97
82) 4-Chlorotoluene	12.779	91	860383	49.612	ug/l	98
83) tert-Butylbenzene	12.999	119	916354	51.273	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	1003229	50.459	ug/l	98
85) sec-Butylbenzene	13.176	105	1347526	51.078	ug/l	99
86) p-Isopropyltoluene	13.291	119	1124806	51.009	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	564854	49.169	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	557385	48.608	ug/l	100
89) n-Butylbenzene	13.621	91	1028282	50.857	ug/l	100
90) Hexachloroethane	13.883	117	228647	49.352	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	505342	50.303	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	30887	45.991	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	292218	48.787	ug/l	99
94) Hexachlorobutadiene	15.029	225	178594	47.878	ug/l	98
95) Naphthalene	15.145	128	496390	49.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	248200	48.655	ug/l	99

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ClientSampleId :
VSTDCCC050EC

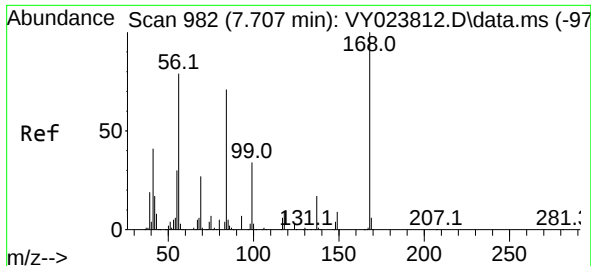
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Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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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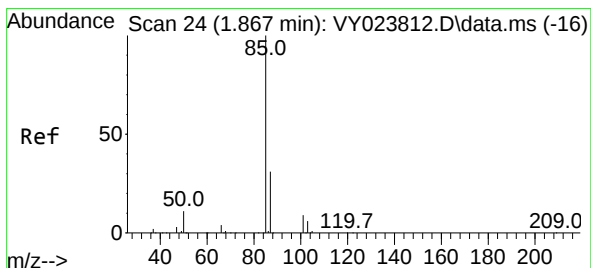
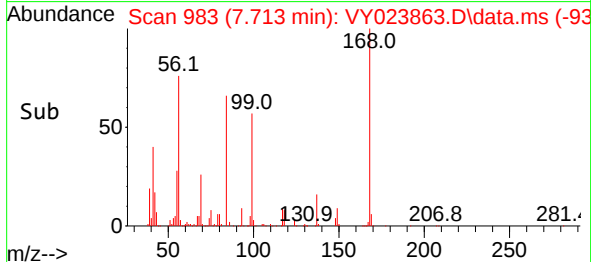
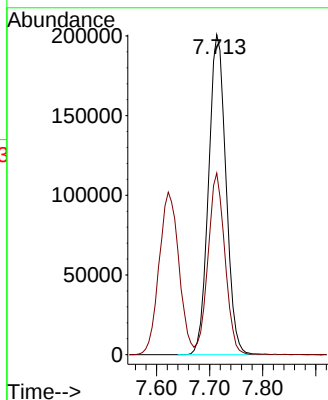
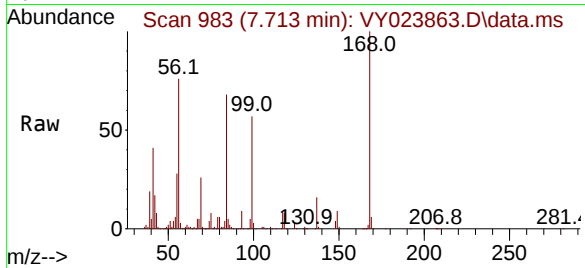




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023863.D
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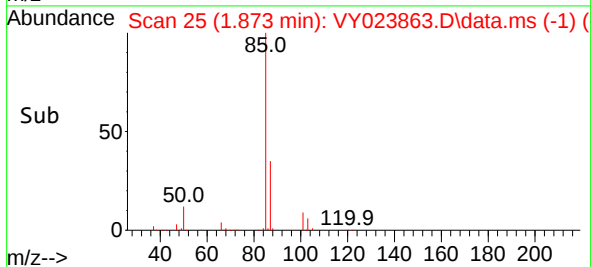
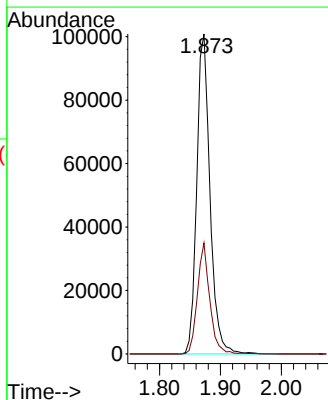
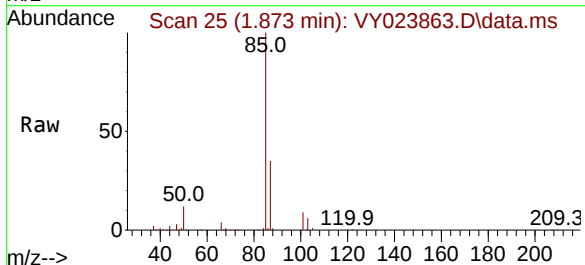
Instrument :
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VSTDCCC050EC

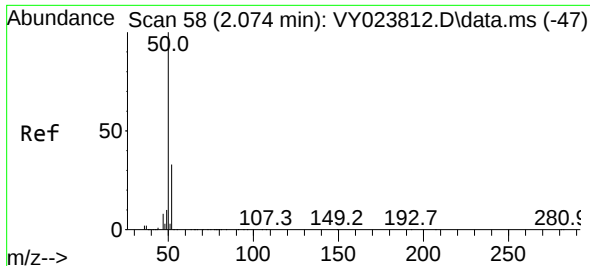
Tgt Ion:168 Resp: 456826
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 44.122 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 85 Resp: 151901
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.1

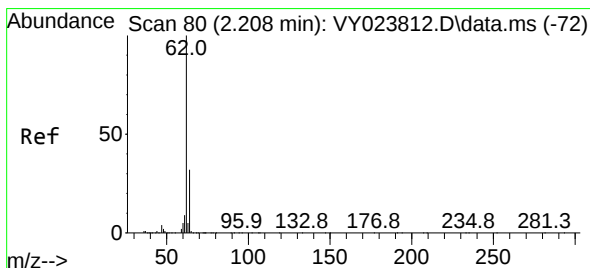
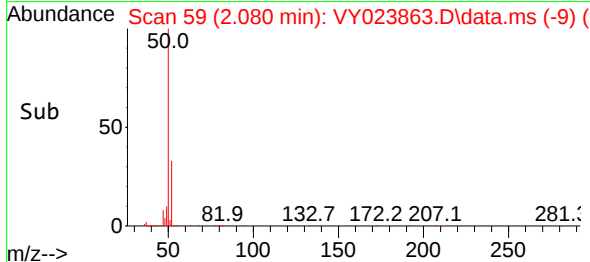
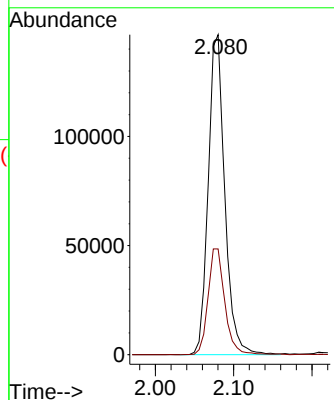
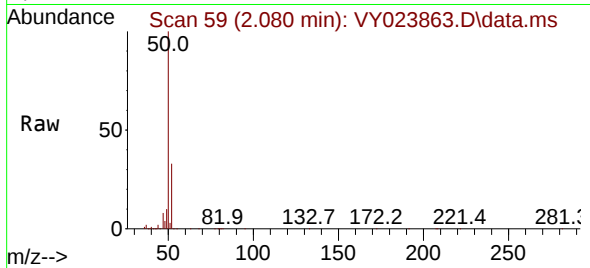




#3
Chloromethane
Concen: 40.754 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

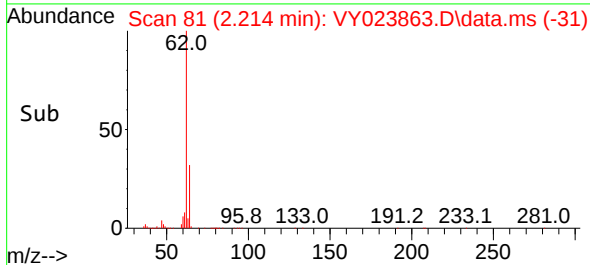
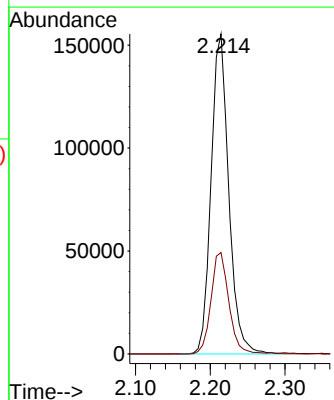
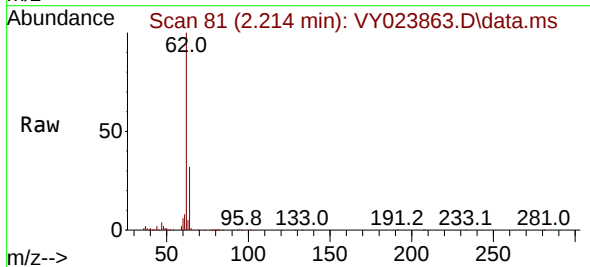
Instrument :
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VSTDCCC050EC

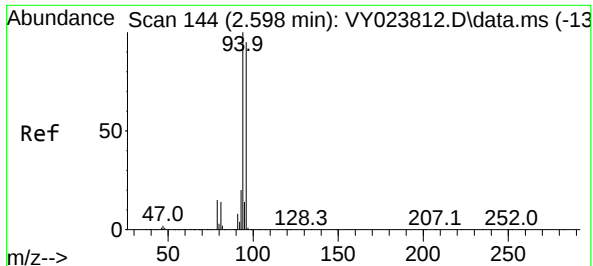
Tgt Ion: 50 Resp: 214647
Ion Ratio Lower Upper
50 100
52 33.1 26.6 39.8



#4
Vinyl Chloride
Concen: 44.767 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 62 Resp: 255065
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

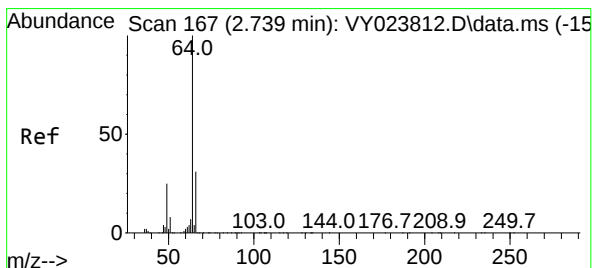
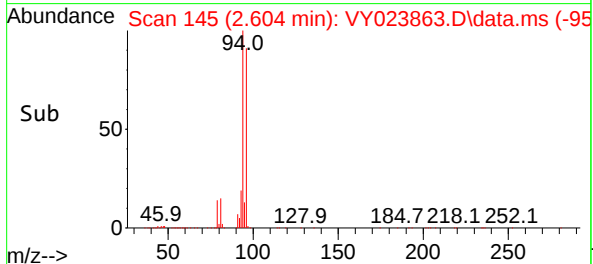
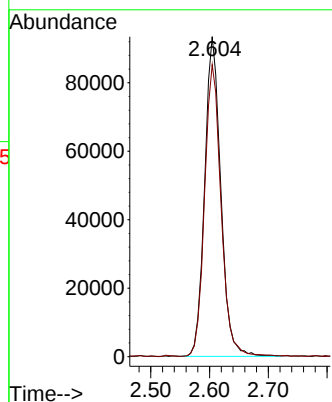
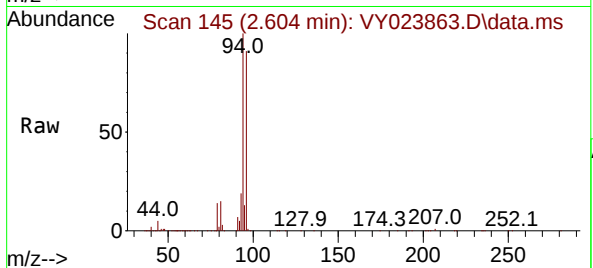




#5
Bromomethane
Concen: 44.439 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

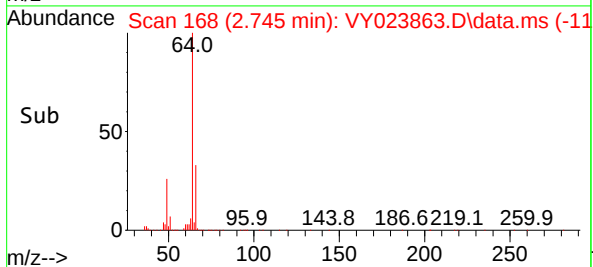
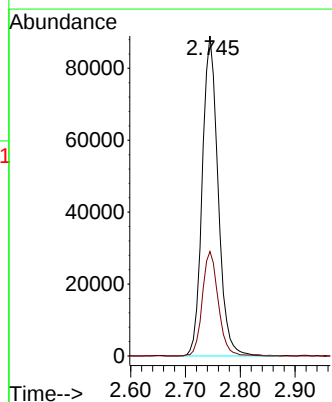
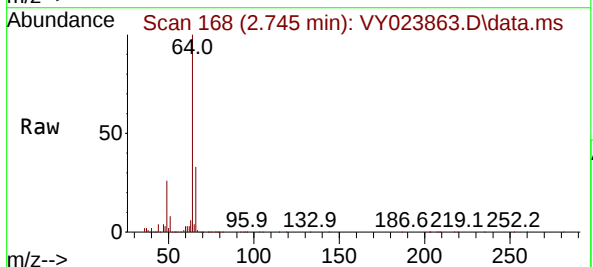
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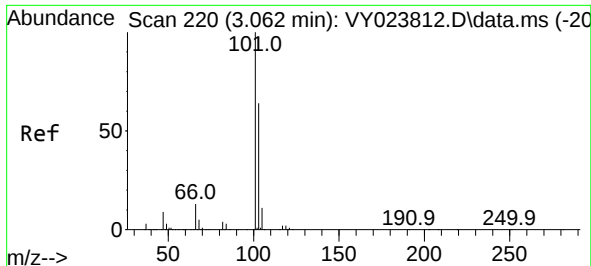
Tgt Ion: 94 Resp: 178612
Ion Ratio Lower Upper
94 100
96 91.2 76.1 114.1



#6
Chloroethane
Concen: 47.992 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 64 Resp: 178203
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7

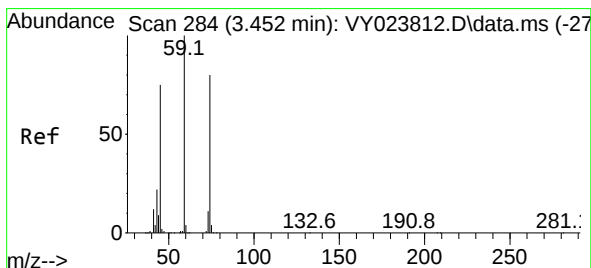
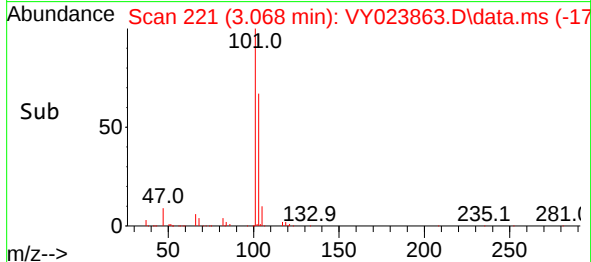
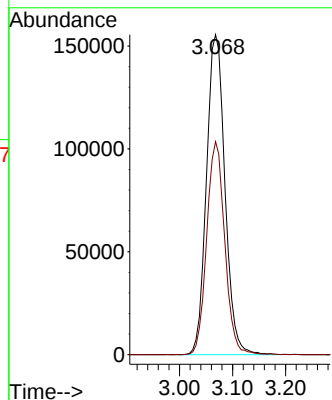
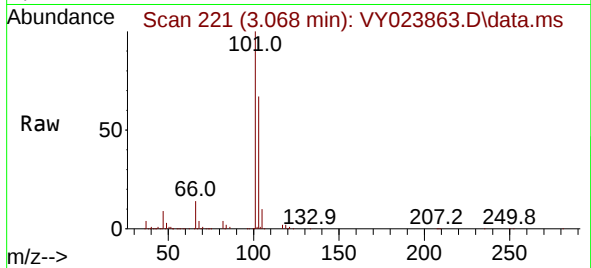




#7
 Trichlorofluoromethane
 Concen: 48.911 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023863.D
 Acq: 02 Dec 2025 17:20

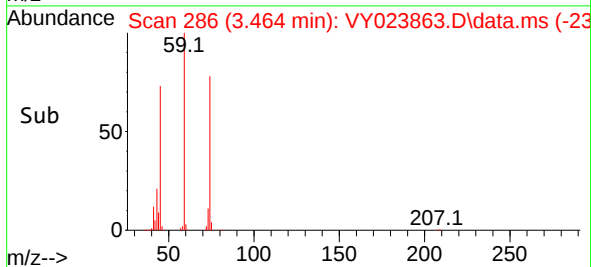
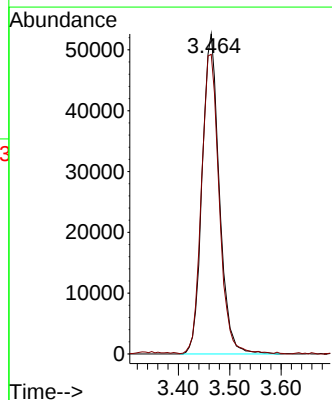
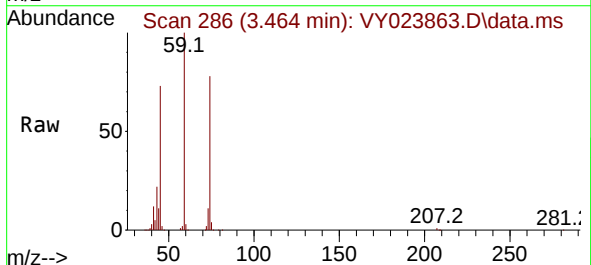
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

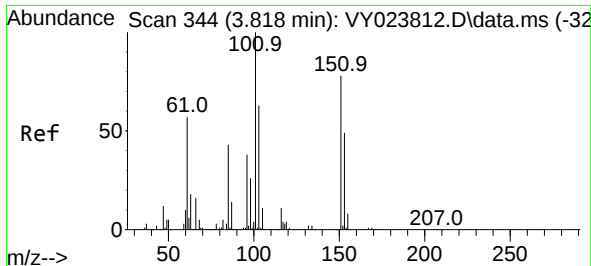
Tgt Ion:101 Resp: 376764
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.8 76.2



#8
 Diethyl Ether
 Concen: 50.168 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY023863.D
 Acq: 02 Dec 2025 17:20

Tgt Ion: 74 Resp: 121715
 Ion Ratio Lower Upper
 74 100
 45 96.8 47.0 141.0

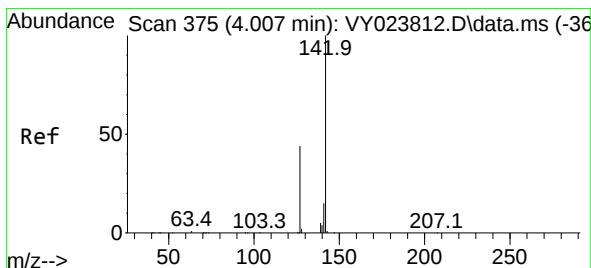
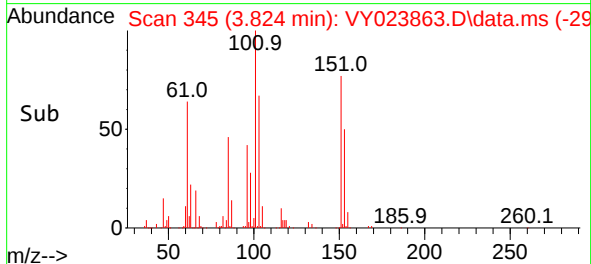
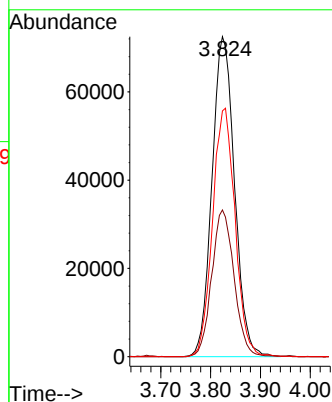
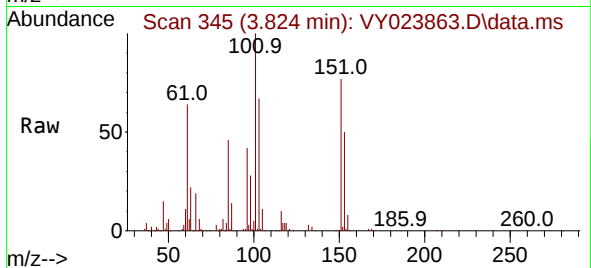




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.682 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

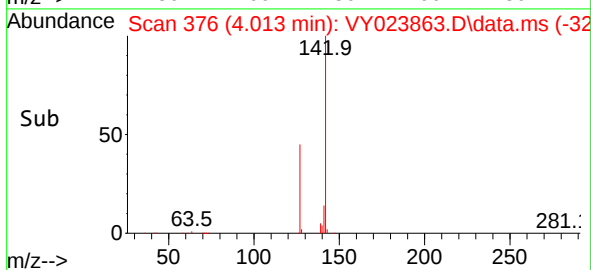
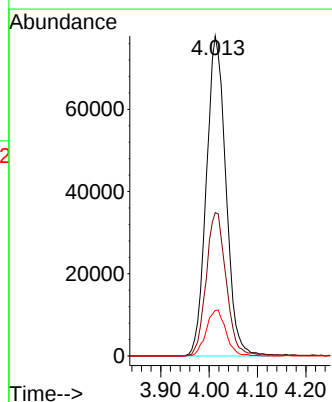
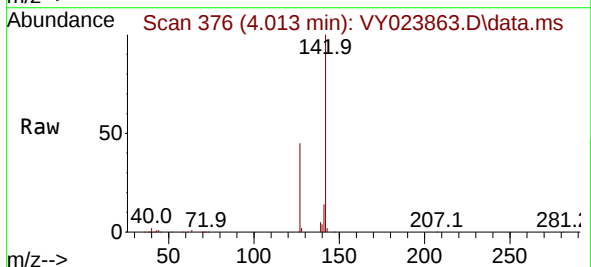
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

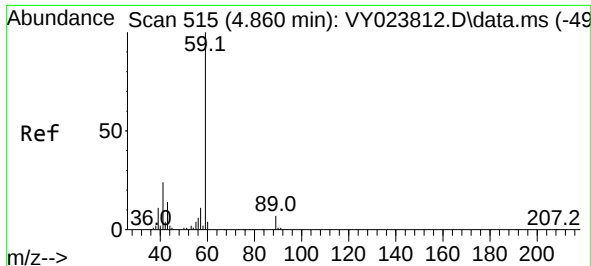
Tgt Ion:101 Resp: 227853
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.8
151 77.7 62.8 94.2



#10
Methyl Iodide
Concen: 44.356 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion:142 Resp: 218520
Ion Ratio Lower Upper
142 100
127 46.1 36.2 54.2
141 14.5 11.4 17.0

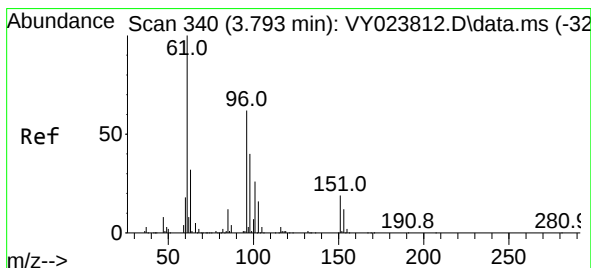
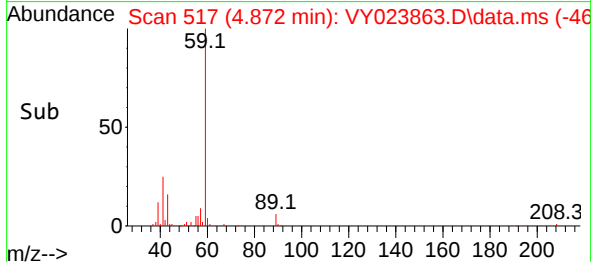
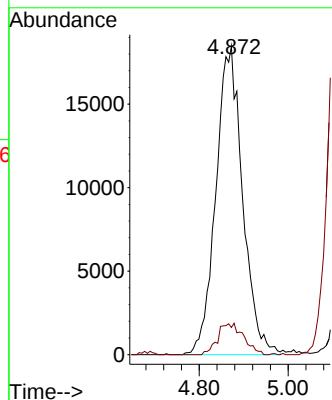
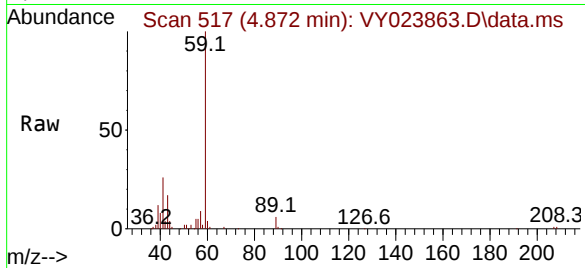




#11
Tert butyl alcohol
Concen: 210.703 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

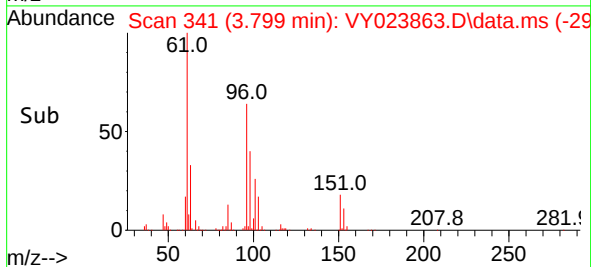
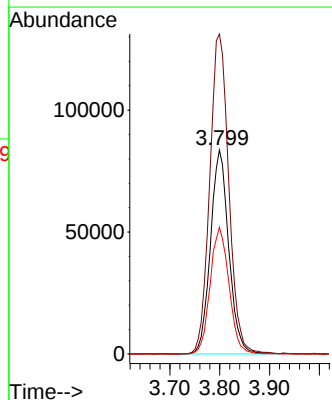
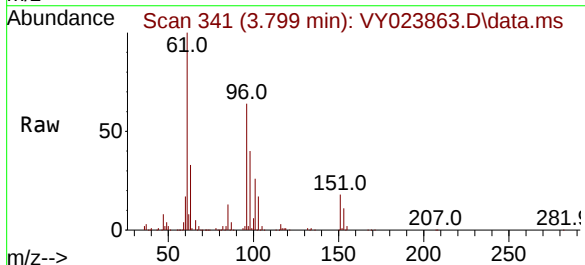
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

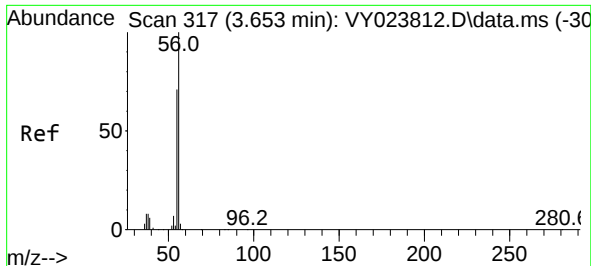
Tgt Ion: 59 Resp: 76986
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 48.253 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 96 Resp: 213419
Ion Ratio Lower Upper
96 100
61 156.8 128.9 193.3
98 62.1 51.8 77.6

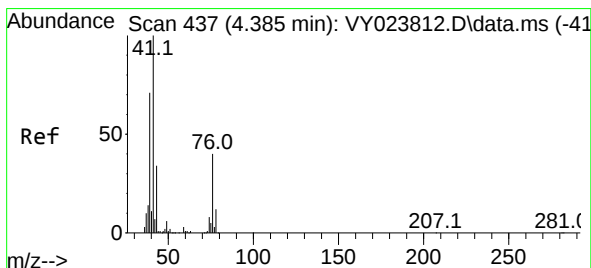
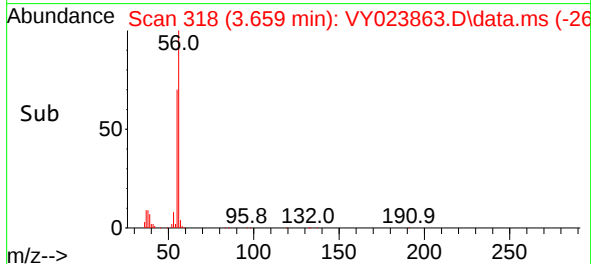
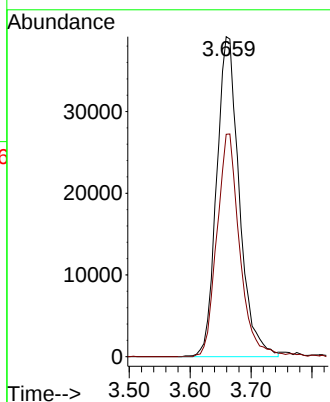
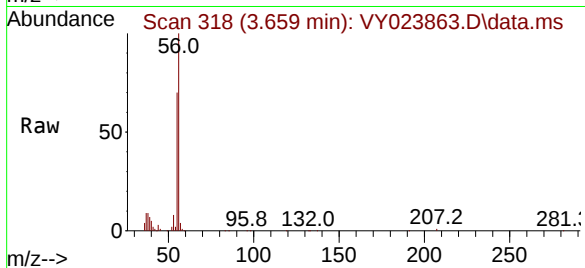




#13
Acrolein
Concen: 192.567 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

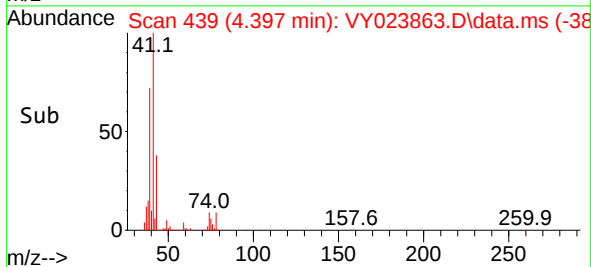
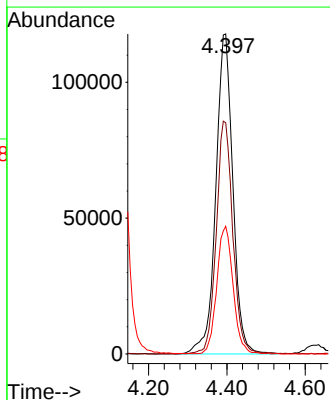
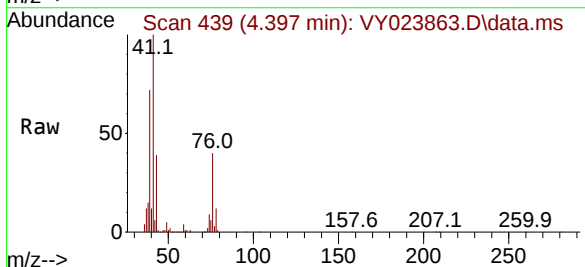
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

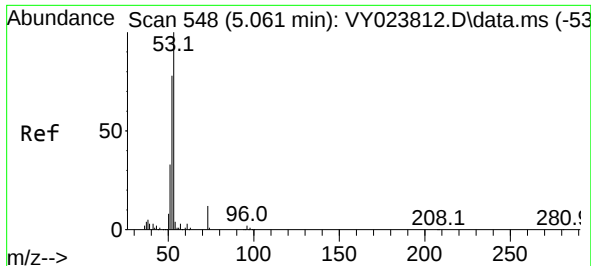
Tgt Ion: 56 Resp: 101146
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7



#14
Allyl chloride
Concen: 51.034 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 41 Resp: 357591
Ion Ratio Lower Upper
41 100
39 70.5 54.1 81.1
76 37.8 31.0 46.6

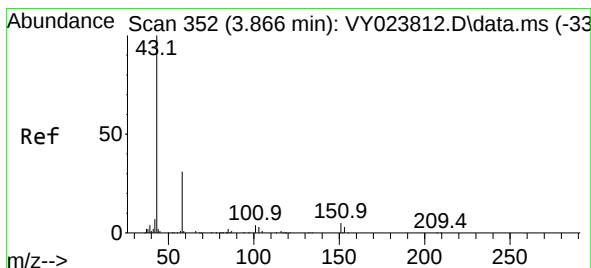
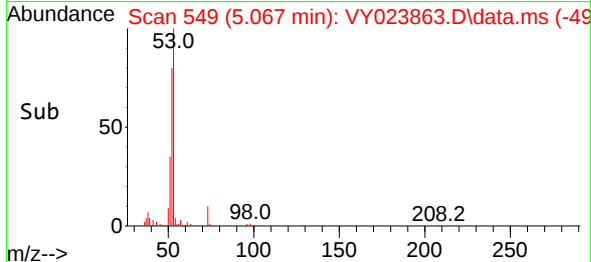
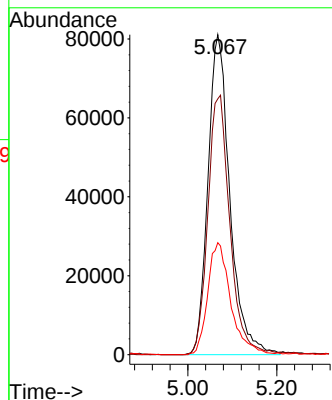
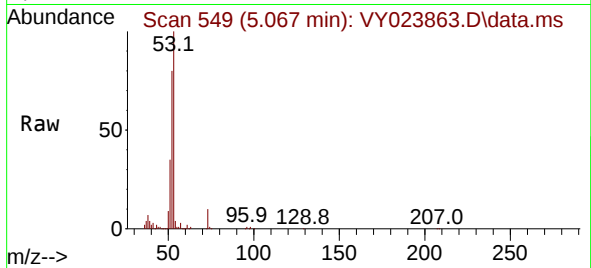




#15
Acrylonitrile
Concen: 265.754 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

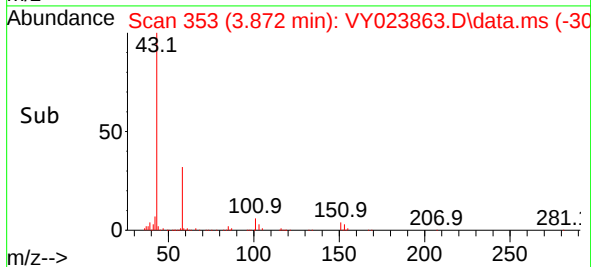
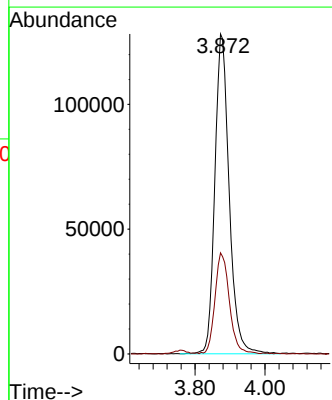
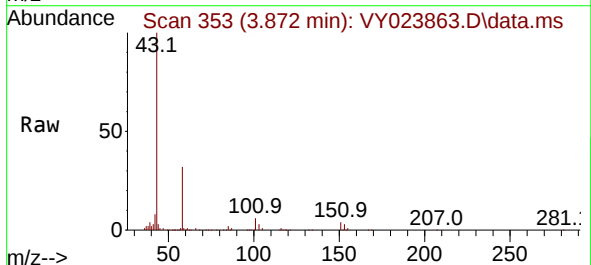
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

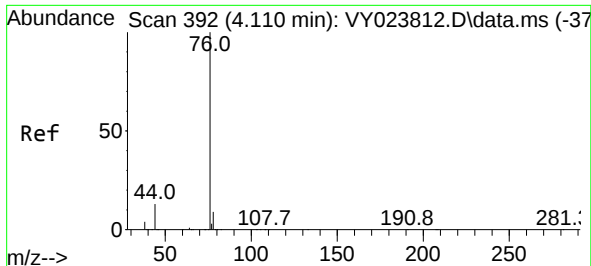
Tgt Ion: 53 Resp: 278278
Ion Ratio Lower Upper
53 100
52 81.4 64.0 96.0
51 36.8 28.7 43.1



#16
Acetone
Concen: 284.887 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 43 Resp: 365158
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.2

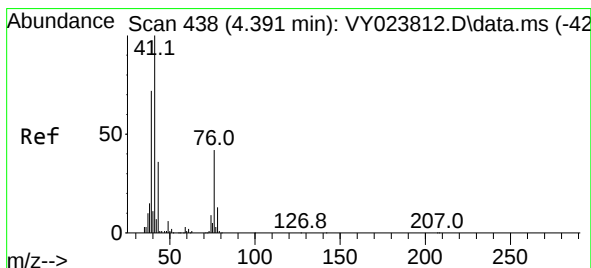
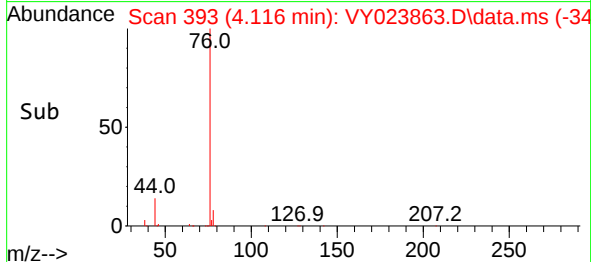
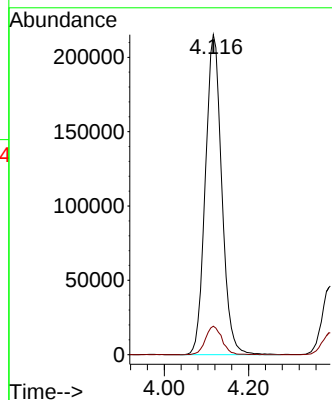
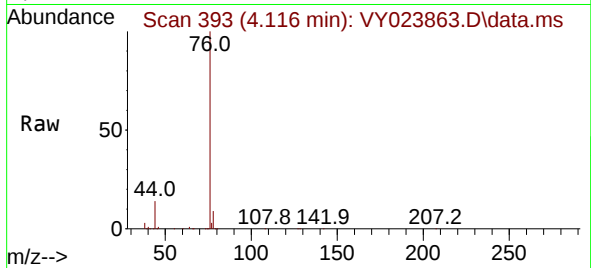




#17
Carbon Disulfide
Concen: 40.823 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

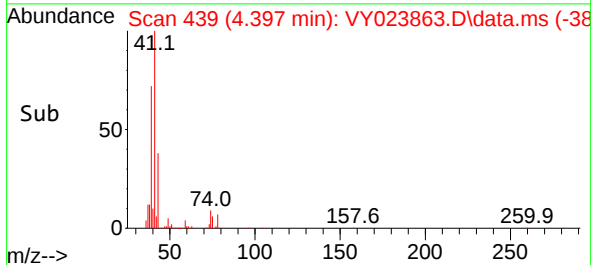
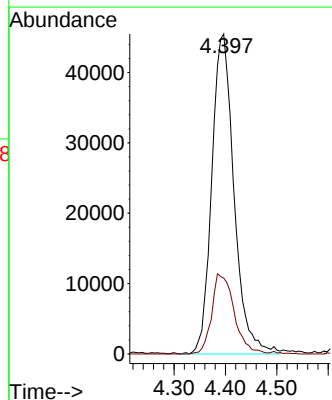
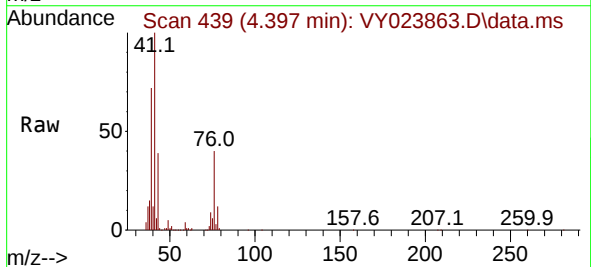
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

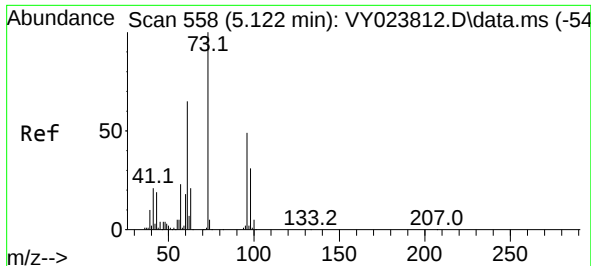
Tgt Ion: 76 Resp: 582703
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 55.327 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 43 Resp: 136953
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.8

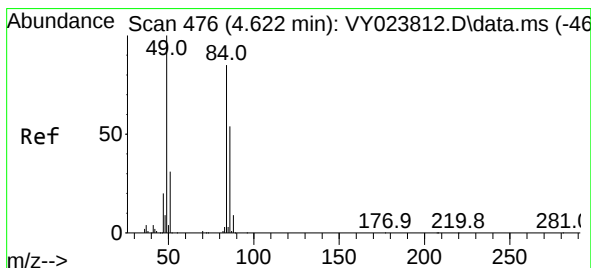
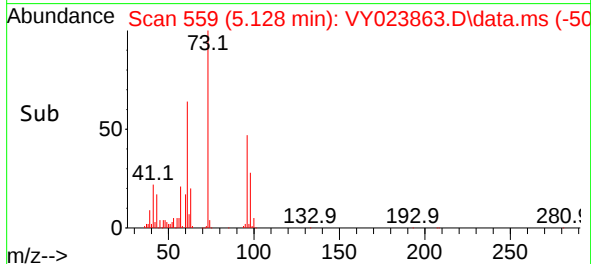
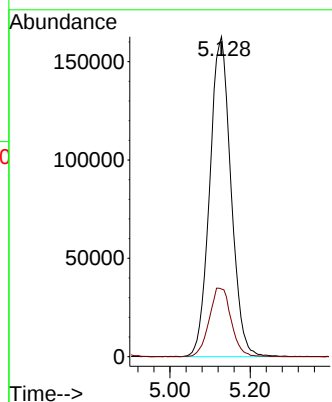
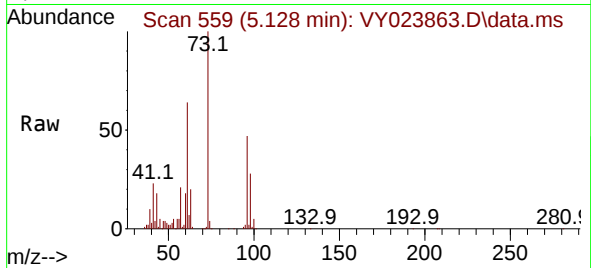




#19
Methyl tert-butyl Ether
Concen: 52.882 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

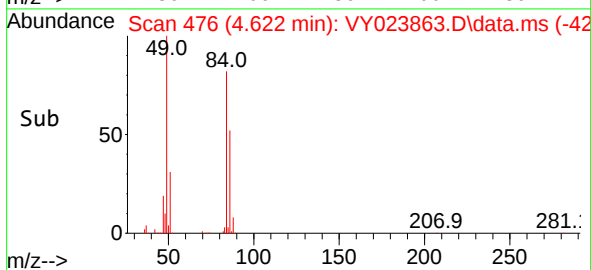
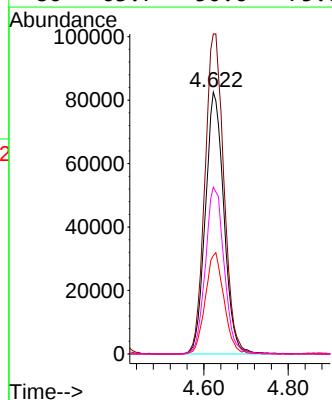
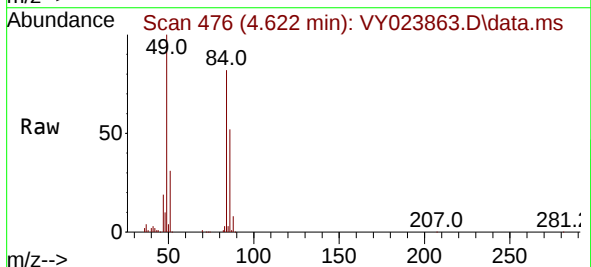
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

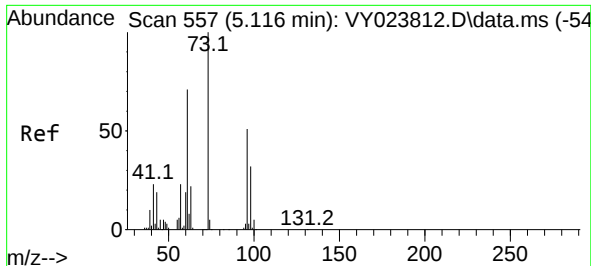
Tgt Ion: 73 Resp: 597727
Ion Ratio Lower Upper
73 100
57 21.2 18.4 27.6



#20
Methylene Chloride
Concen: 46.468 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 84 Resp: 251805
Ion Ratio Lower Upper
84 100
49 122.1 94.0 141.0
51 37.6 29.2 43.8
86 63.7 50.6 75.8

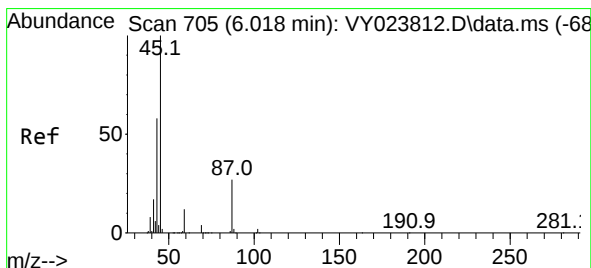
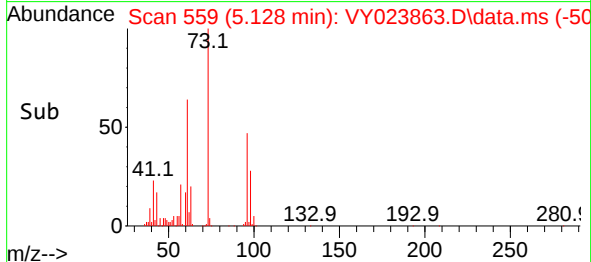
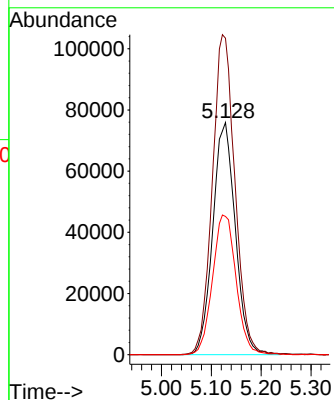
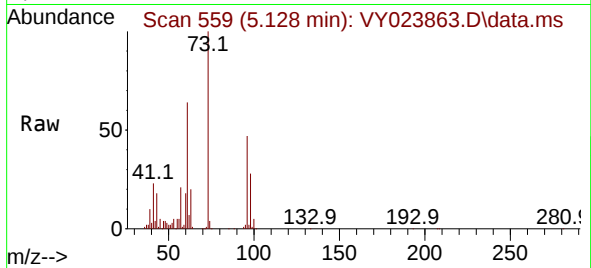




#21
trans-1,2-Dichloroethene
Concen: 48.671 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

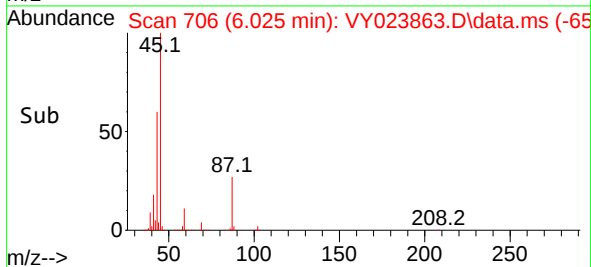
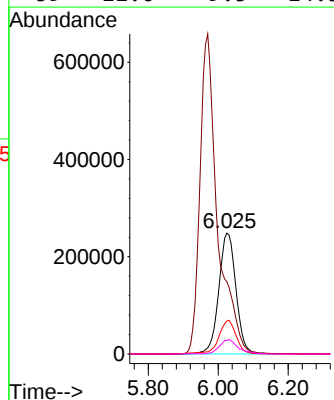
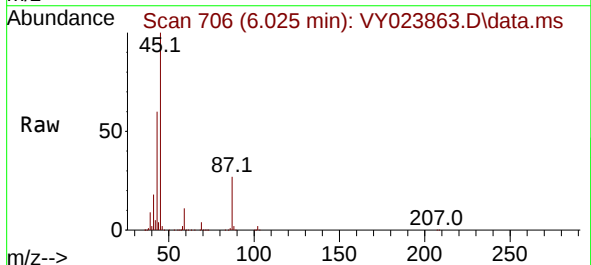
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

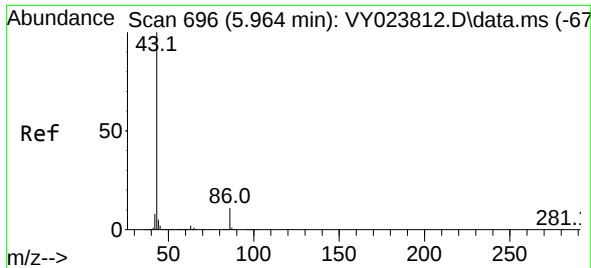
Tgt Ion: 96 Resp: 238348
Ion Ratio Lower Upper
96 100
61 136.3 111.2 166.8
98 59.6 50.5 75.7



#22
Diisopropyl ether
Concen: 55.921 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 45 Resp: 847240
Ion Ratio Lower Upper
45 100
43 60.0 46.4 69.6
87 27.1 22.1 33.1
59 11.0 9.5 14.3

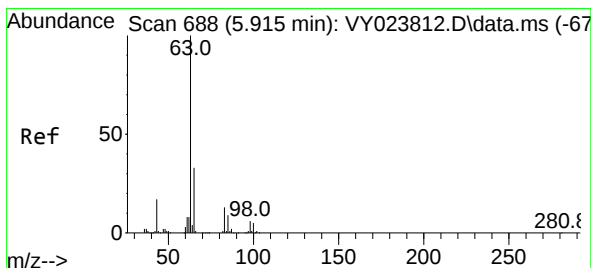
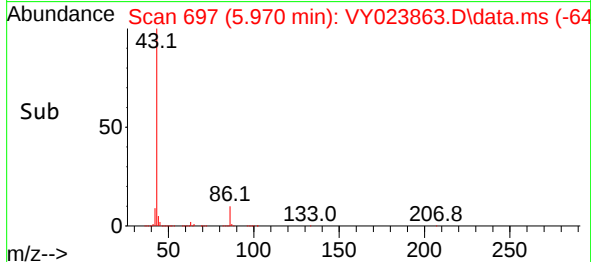
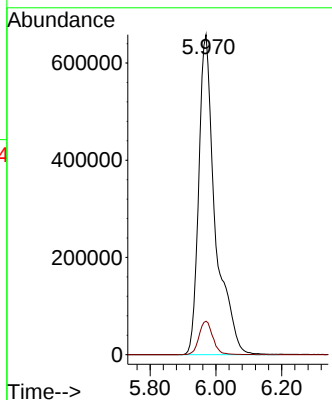
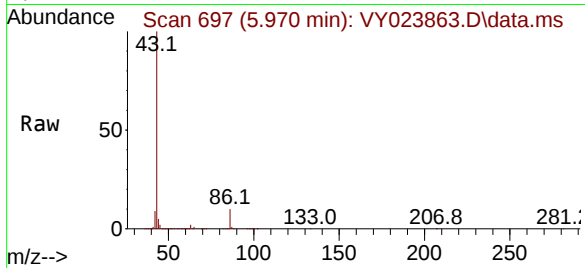




#23
 Vinyl Acetate
 Concen: 272.926 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023863.D
 Acq: 02 Dec 2025 17:20

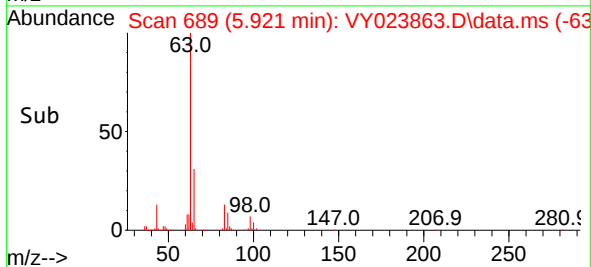
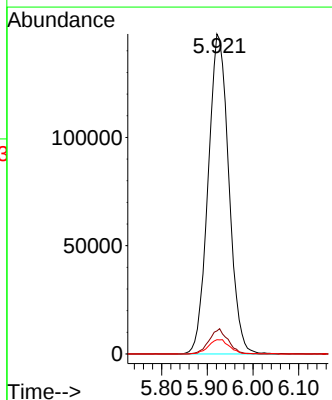
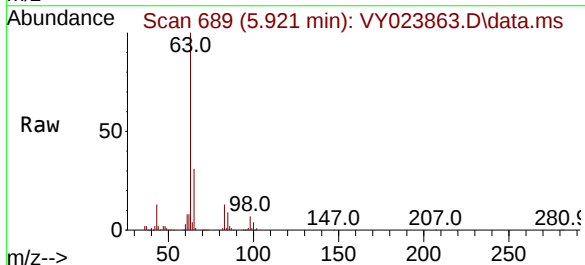
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

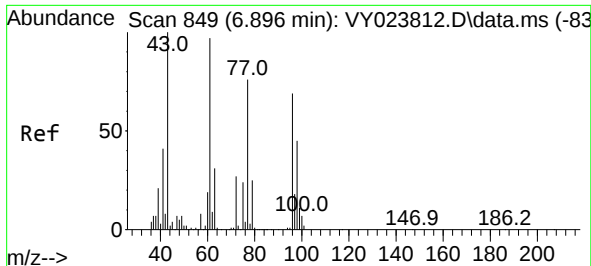
Tgt Ion: 43 Resp: 2299438
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.089 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023863.D
 Acq: 02 Dec 2025 17:20

Tgt Ion: 63 Resp: 464259
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.8
 100 4.4 2.3 6.9

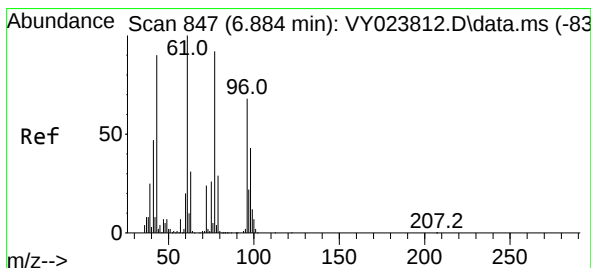
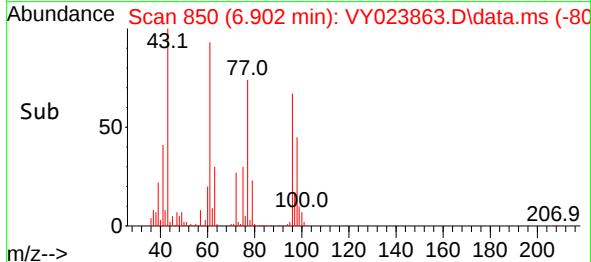
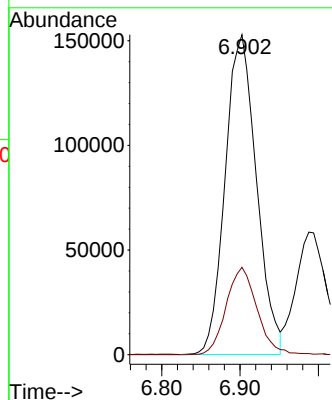
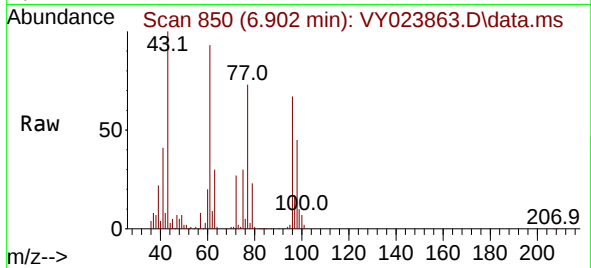




#25
2-Butanone
Concen: 271.509 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

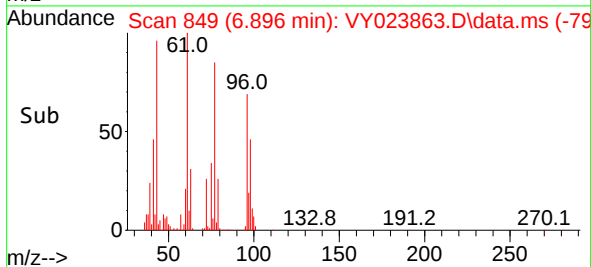
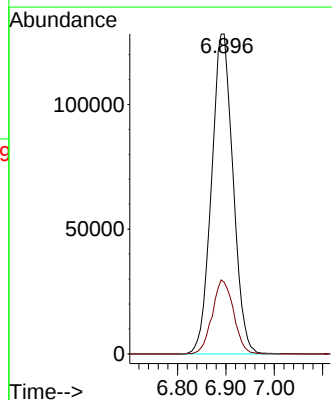
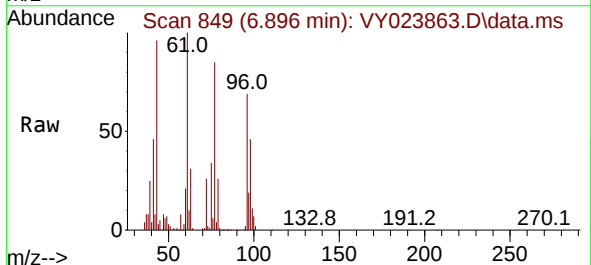
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

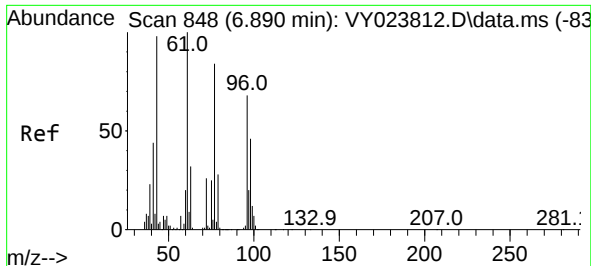
Tgt Ion: 43 Resp: 424708
Ion Ratio Lower Upper
43 100
72 27.3 21.3 31.9



#26
2,2-Dichloropropane
Concen: 50.203 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 77 Resp: 396622
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 51.765 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

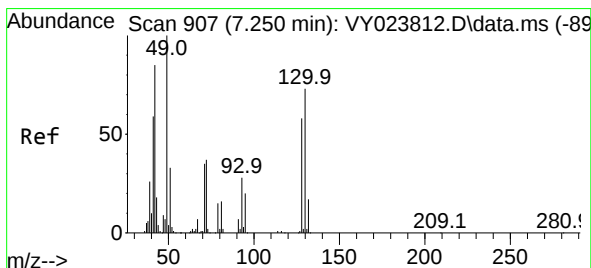
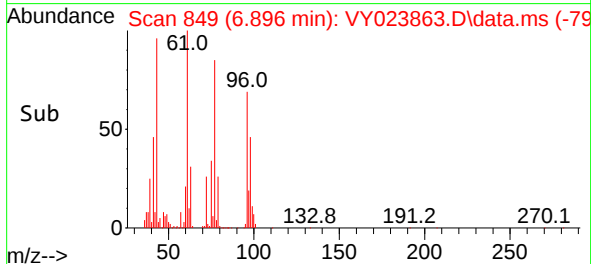
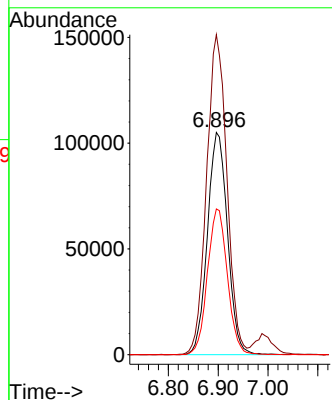
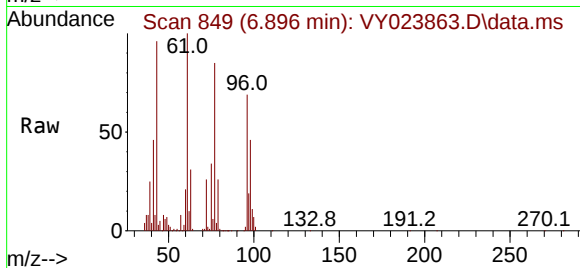
Tgt Ion: 96 Resp: 294375

Ion Ratio Lower Upper

96 100

61 145.3 0.0 291.2

98 65.1 0.0 128.6



#28

Bromochloromethane

Concen: 43.915 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

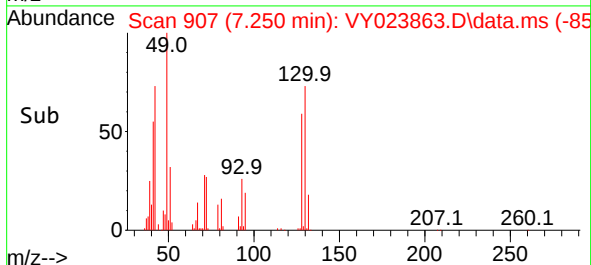
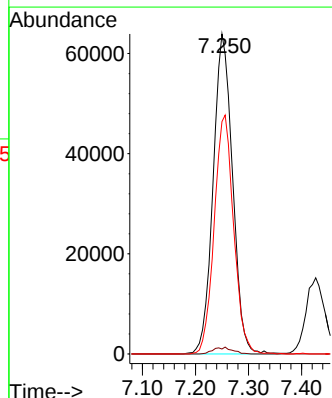
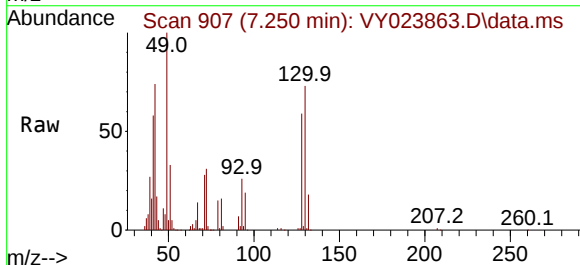
Tgt Ion: 49 Resp: 162812

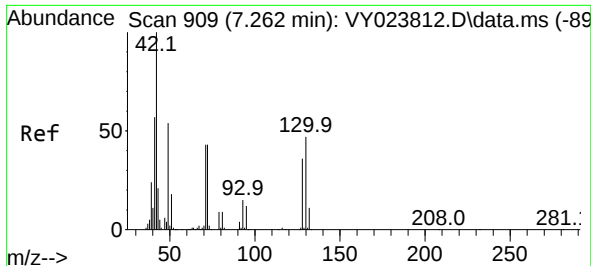
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 74.5 61.4 92.2





#29

Tetrahydrofuran

Concen: 260.948 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

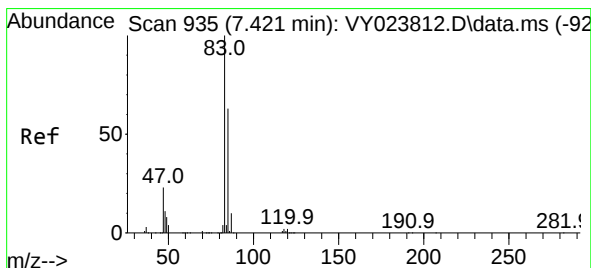
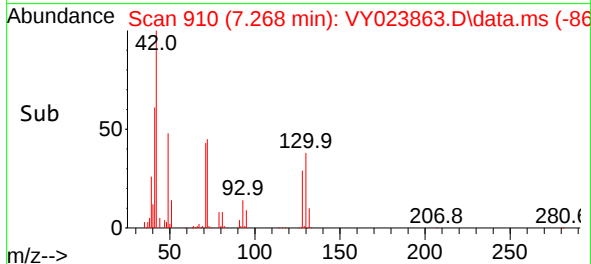
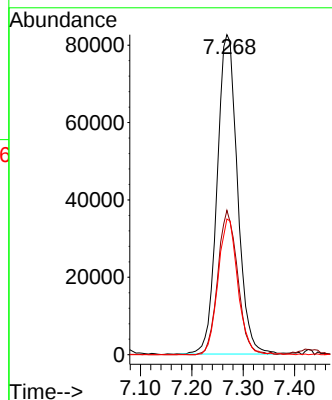
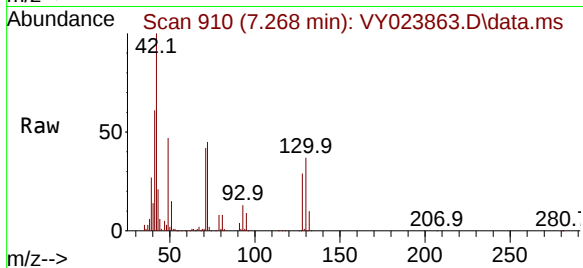
Tgt Ion: 42 Resp: 227666

Ion Ratio Lower Upper

42 100

72 44.0 35.9 53.9

71 41.4 33.3 49.9



#30

Chloroform

Concen: 52.934 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023863.D

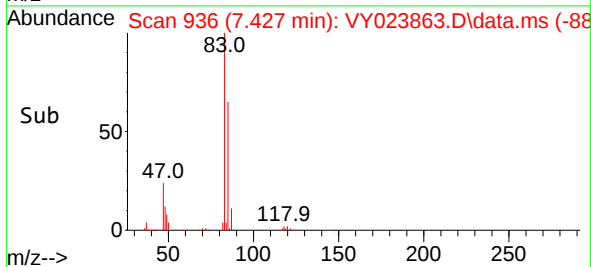
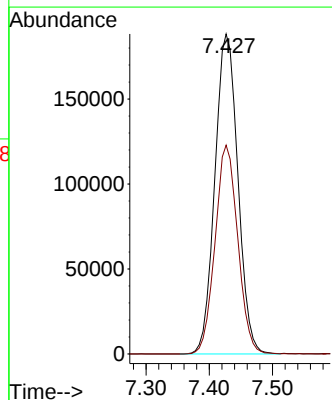
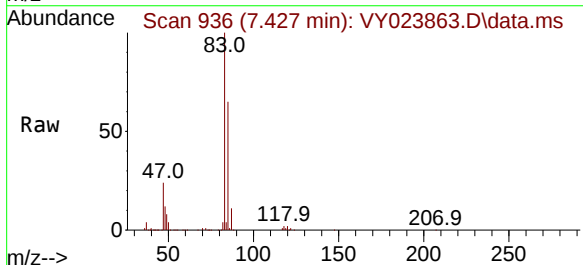
Acq: 02 Dec 2025 17:20

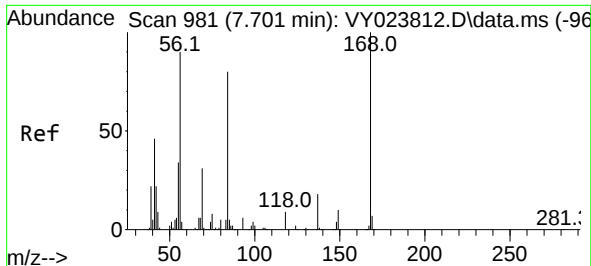
Tgt Ion: 83 Resp: 474404

Ion Ratio Lower Upper

83 100

85 65.3 50.6 76.0

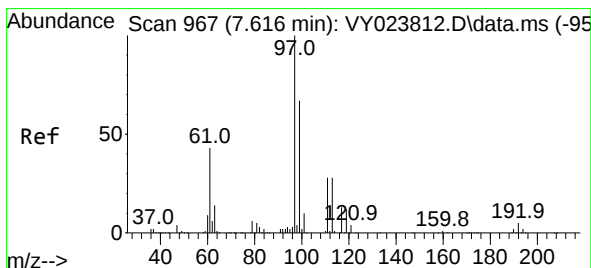
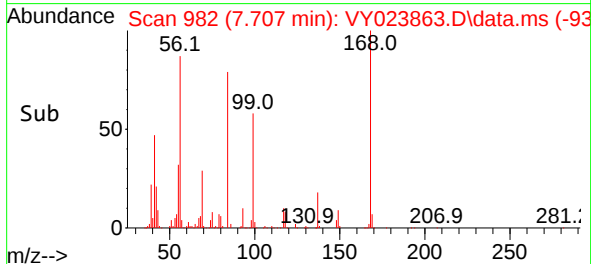
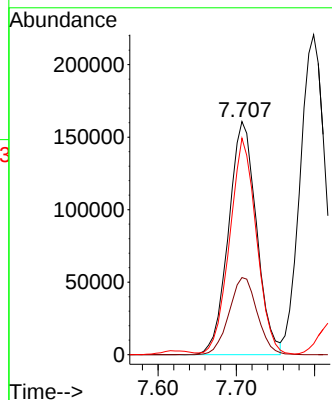
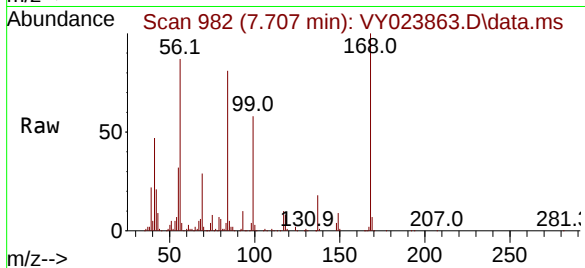




#31
Cyclohexane
Concen: 46.703 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

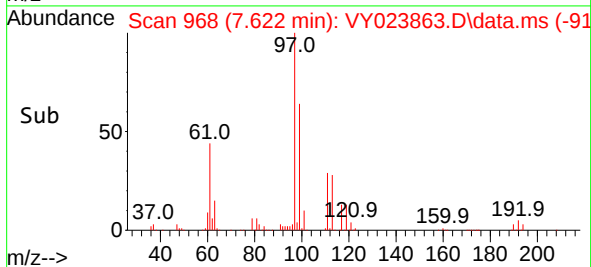
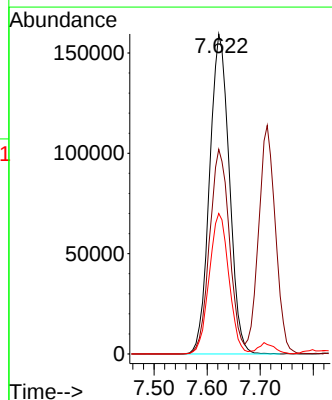
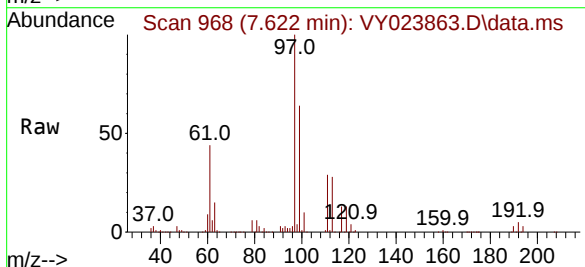
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

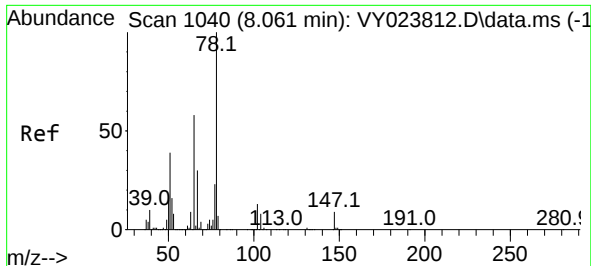
Tgt Ion: 56 Resp: 399448
Ion Ratio Lower Upper
56 100
69 33.0 27.8 41.6
84 91.3 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 51.807 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 97 Resp: 412138
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 43.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.295 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

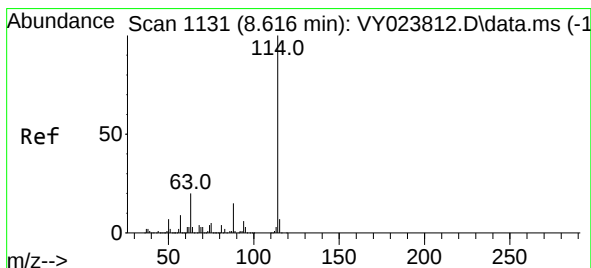
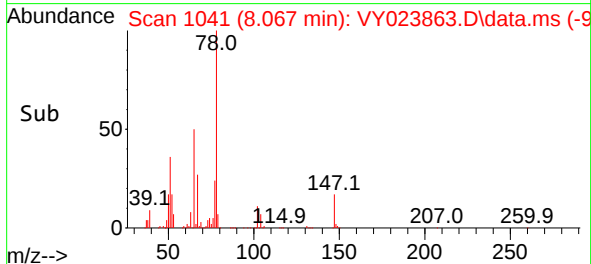
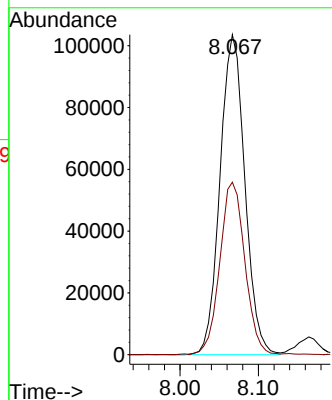
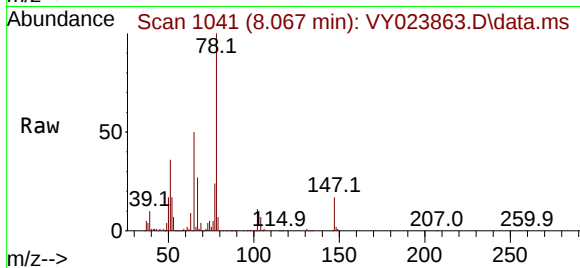
VSTDCCC050EC

Tgt Ion: 65 Resp: 228201

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

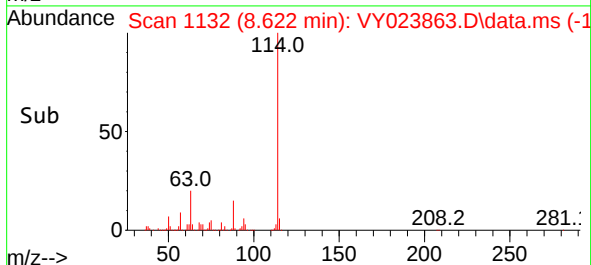
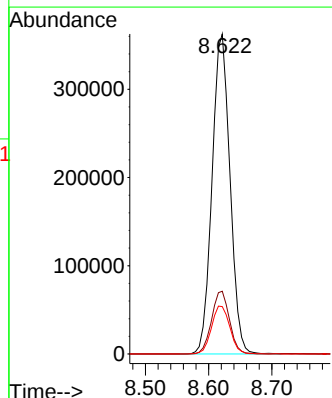
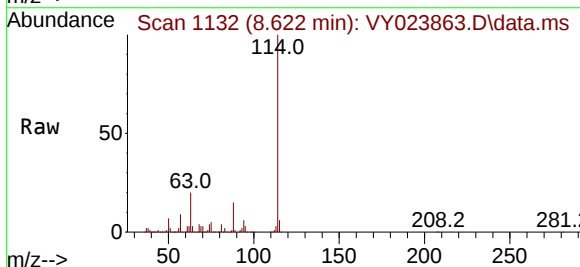
Tgt Ion: 114 Resp: 713050

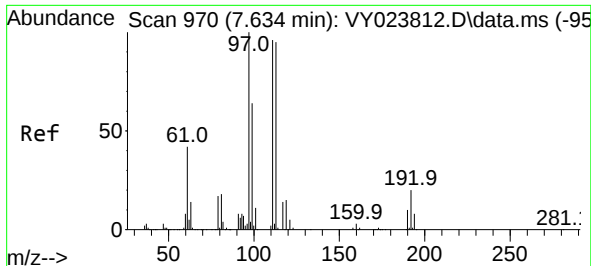
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 14.8 0.0 30.8

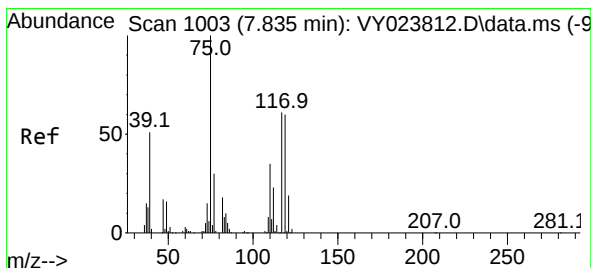
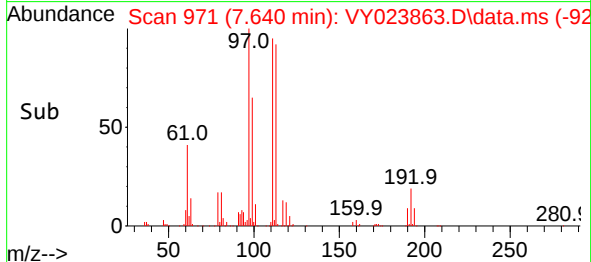
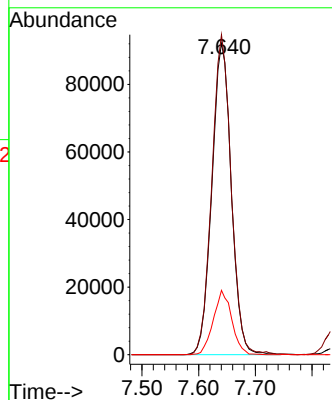
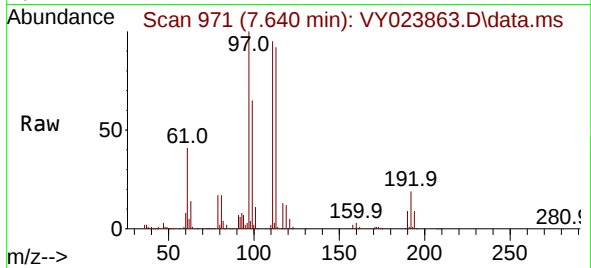




#35
Dibromofluoromethane
Concen: 51.844 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

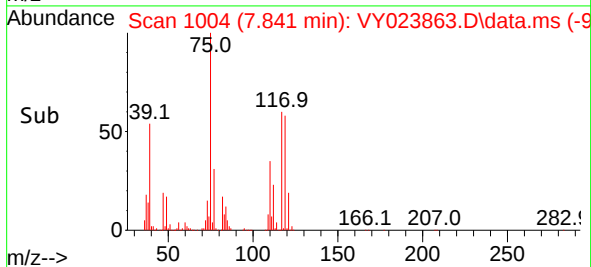
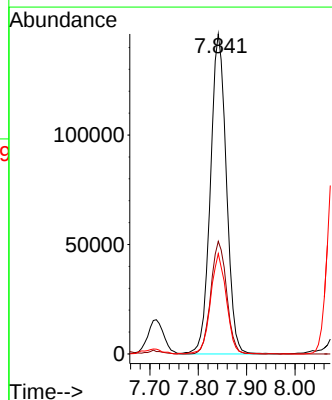
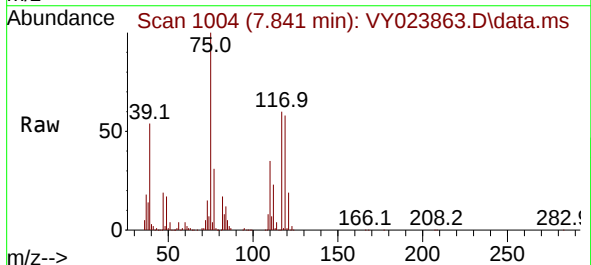
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

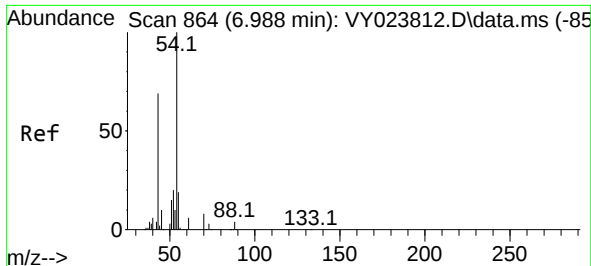
Tgt Ion:113 Resp: 218990
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.7 15.8 23.8



#36
1,1-Dichloropropene
Concen: 51.698 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 75 Resp: 334822
Ion Ratio Lower Upper
75 100
110 34.9 17.6 52.8
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 53.945 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

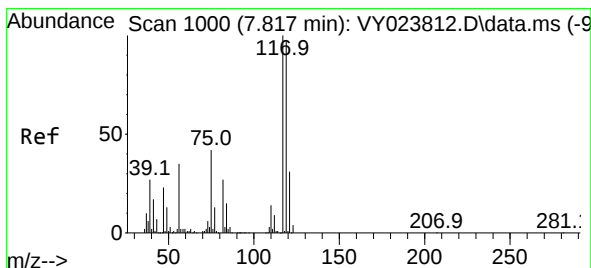
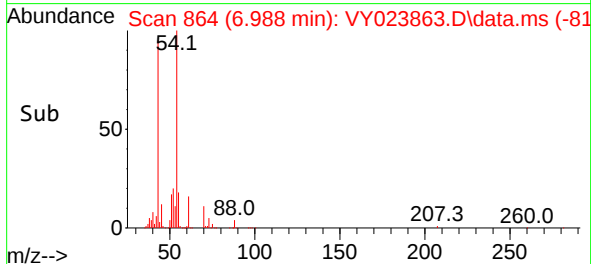
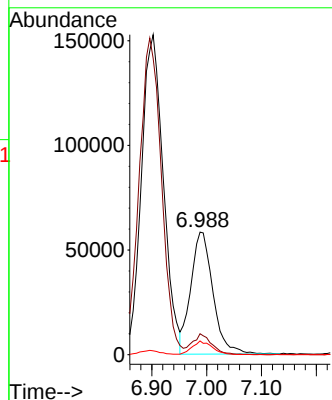
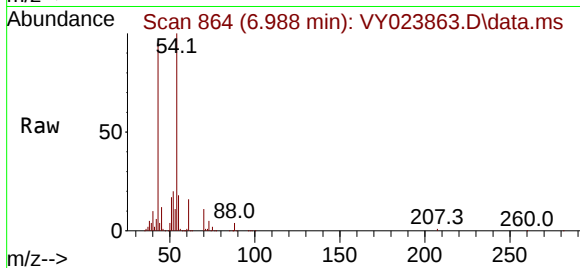
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 164334

Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.0	16.6
70	10.2	8.1	12.1



#38

Carbon Tetrachloride

Concen: 52.151 ug/l

RT: 7.823 min Scan# 1001

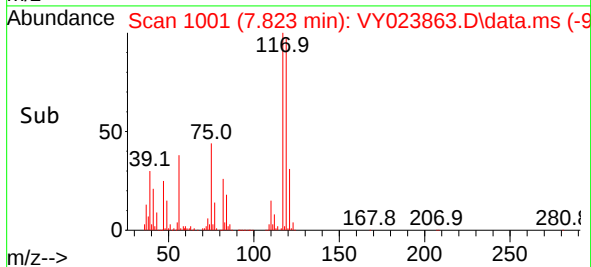
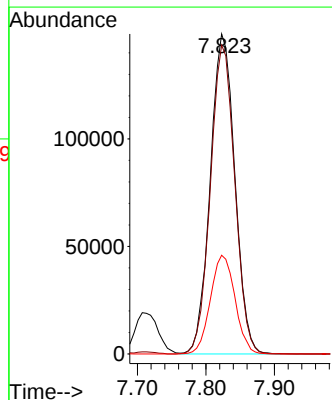
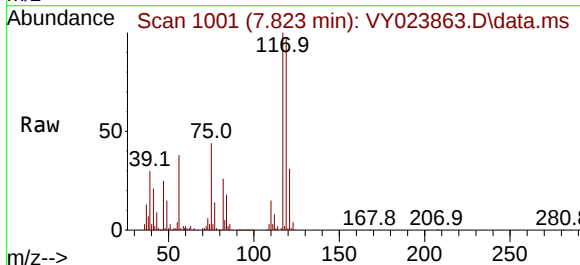
Delta R.T. 0.006 min

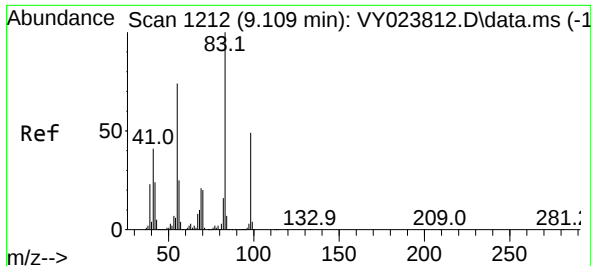
Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Tgt Ion: 117 Resp: 370738

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.3	115.9
121	30.9	25.0	37.6

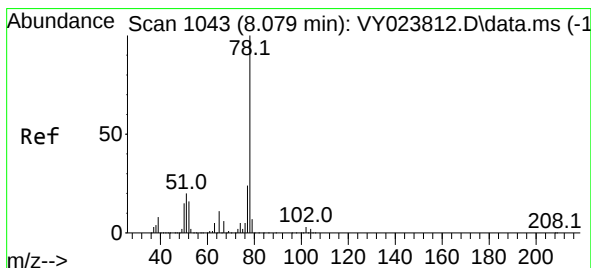
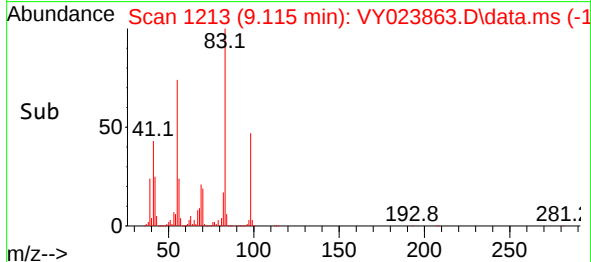
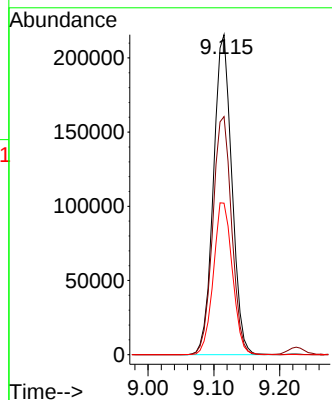
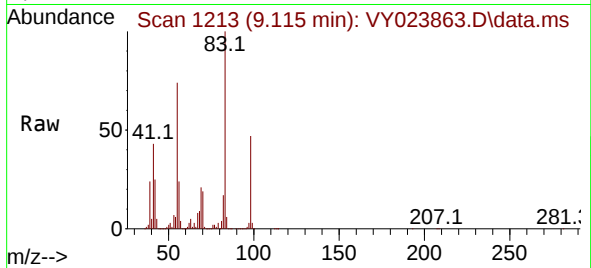




#39
Methylcyclohexane
Concen: 49.142 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

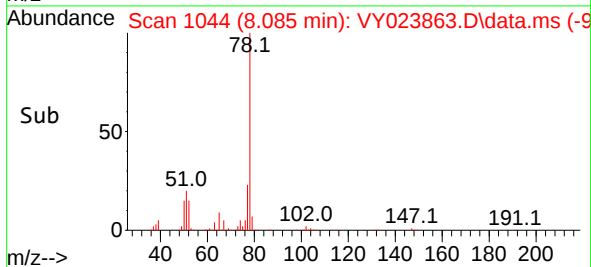
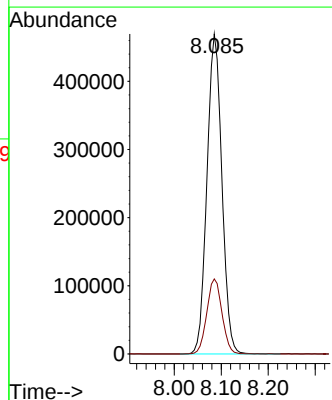
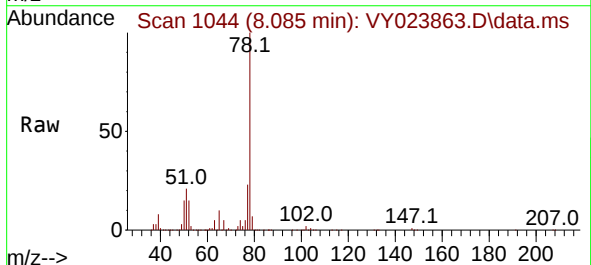
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

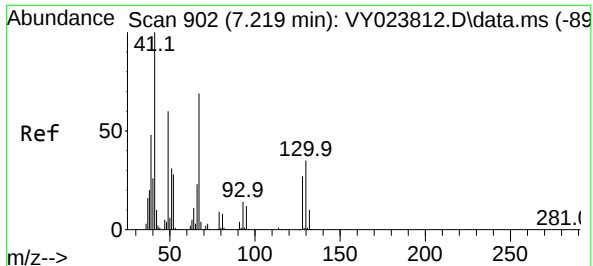
Tgt Ion: 83 Resp: 420337
Ion Ratio Lower Upper
83 100
55 74.4 59.4 89.2
98 47.3 39.5 59.3



#40
Benzene
Concen: 51.730 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 78 Resp: 1030999
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



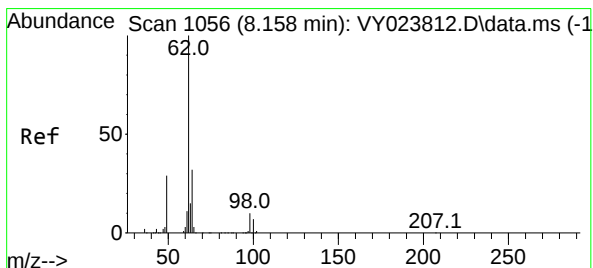
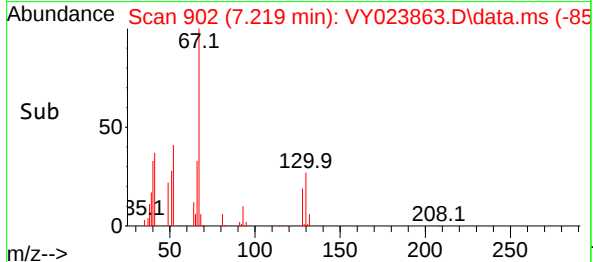
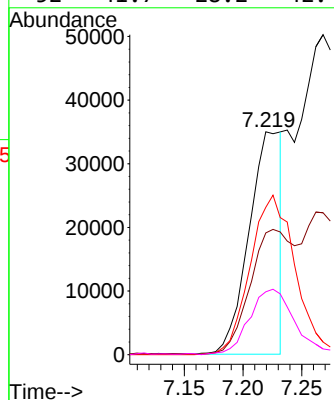
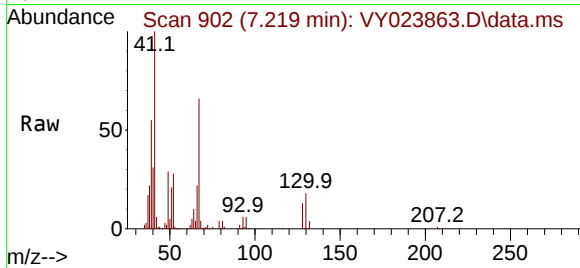


#41
Methacrylonitrile
Concen: 44.377 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 67491

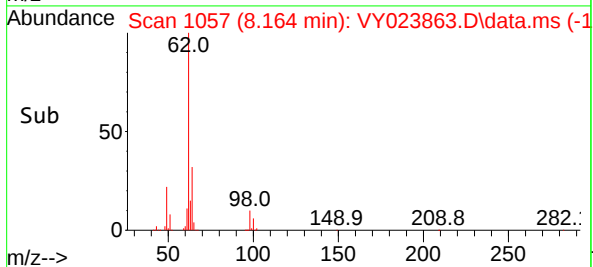
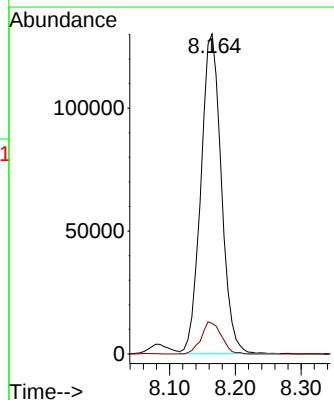
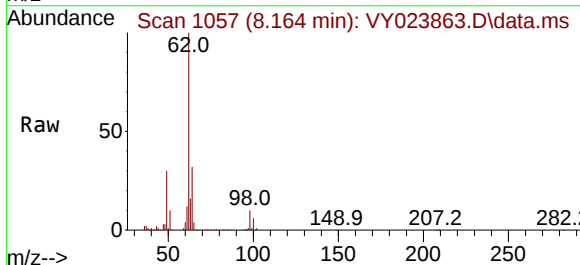
Ion	Ratio	Lower	Upper
41	100		
39	73.6	40.6	61.0#
67	99.9	67.9	101.9
52	41.7	28.2	42.4

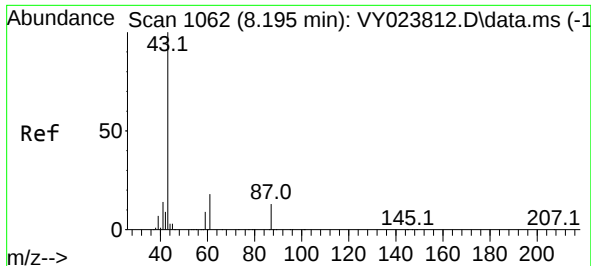


#42
1,2-Dichloroethane
Concen: 54.676 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 62 Resp: 280936

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

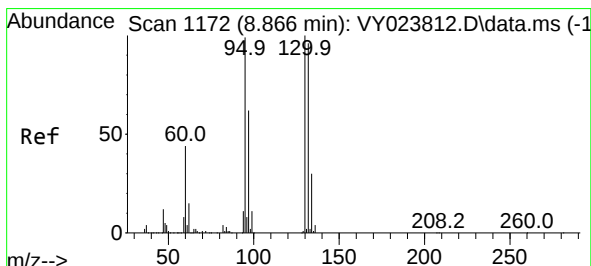
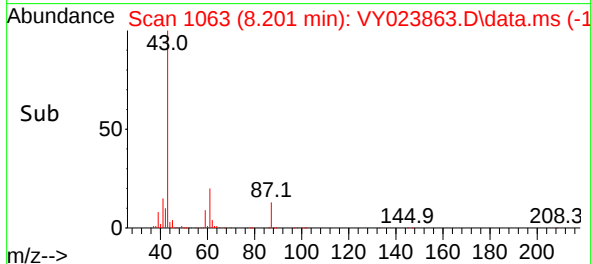
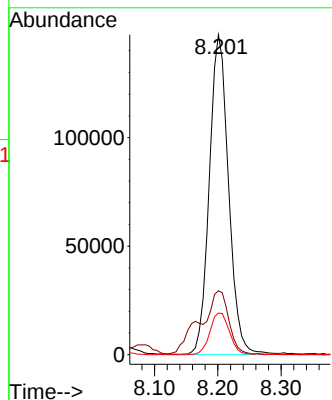
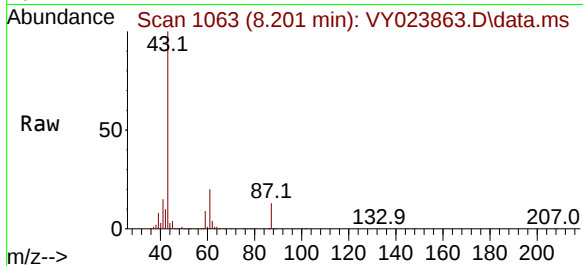




#43
Isopropyl Acetate
Concen: 54.555 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

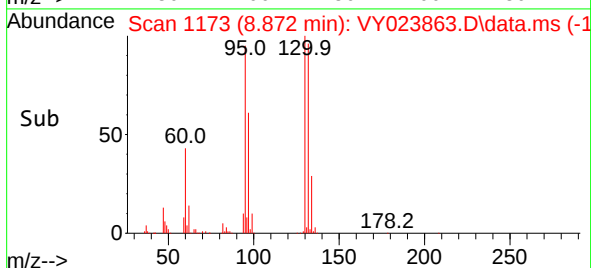
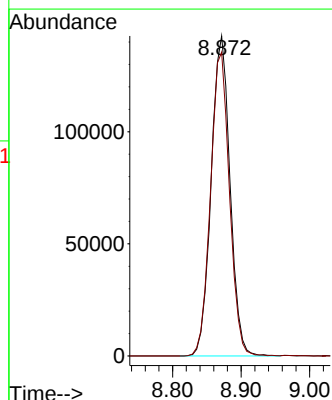
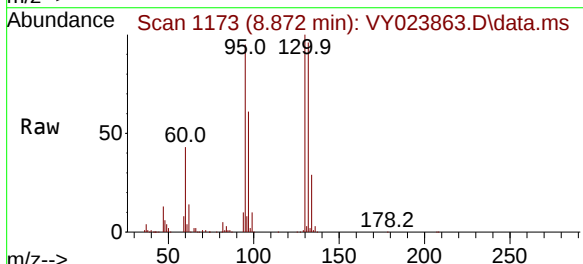
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

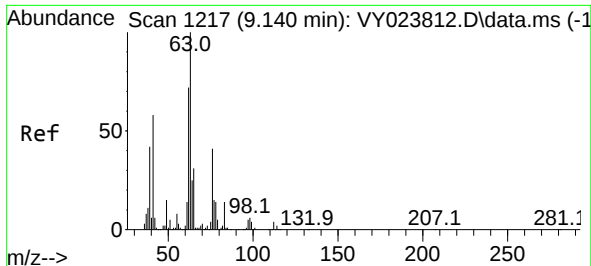
Tgt Ion: 43 Resp: 310573
Ion Ratio Lower Upper
43 100
61 20.4 24.3 36.5#
87 13.3 11.0 16.4



#44
Trichloroethene
Concen: 53.349 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion:130 Resp: 272809
Ion Ratio Lower Upper
130 100
95 94.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 54.467 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

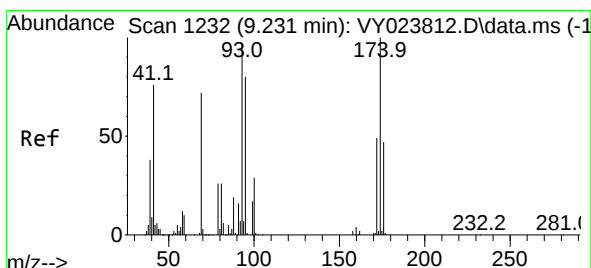
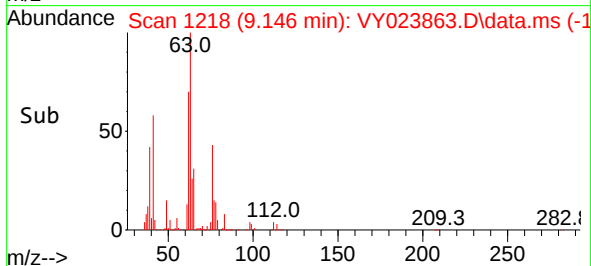
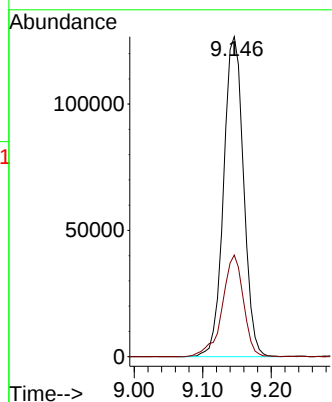
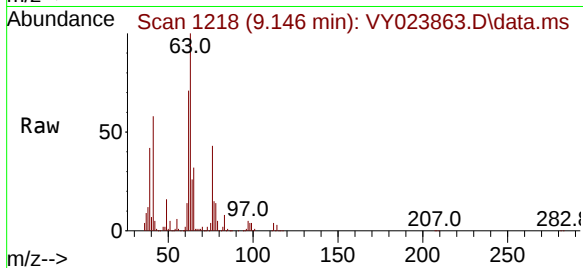
VSTDCCC050EC

Tgt Ion: 63 Resp: 255943

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.6



#46

Dibromomethane

Concen: 53.759 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

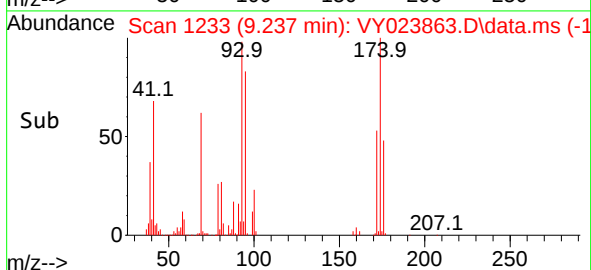
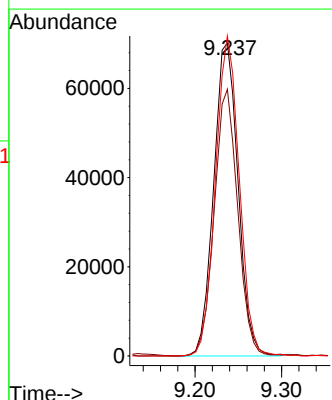
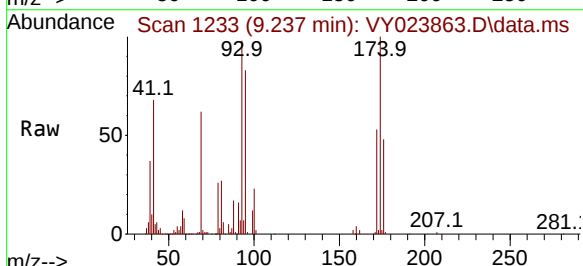
Tgt Ion: 93 Resp: 137078

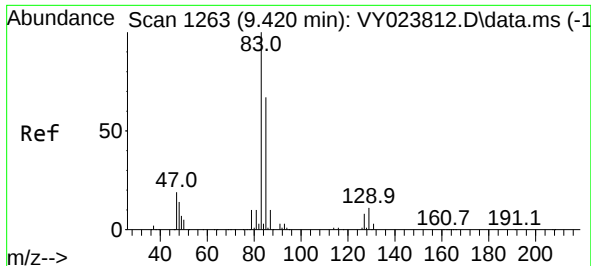
Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

174 99.6 80.6 121.0

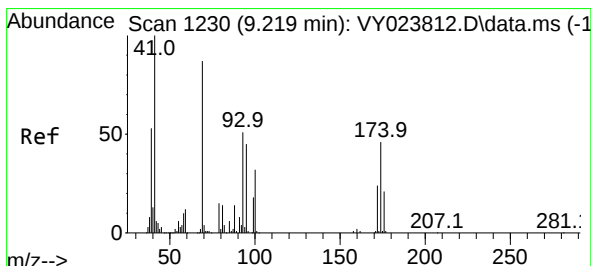
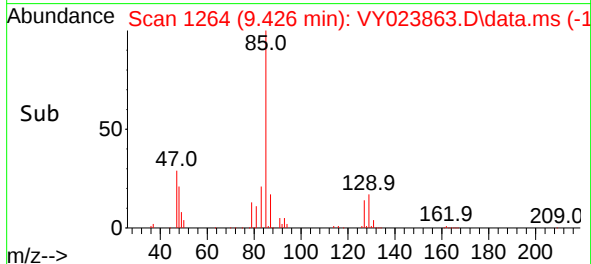
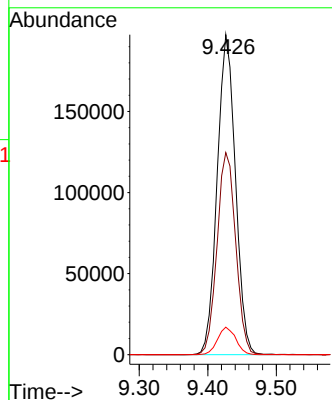
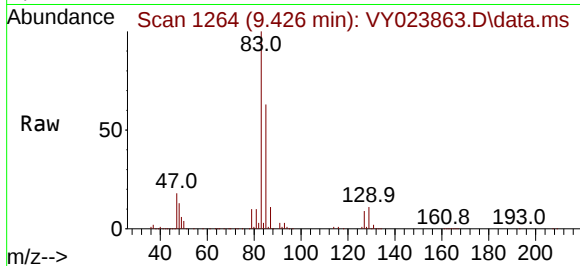




#47
Bromodichloromethane
Concen: 54.741 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

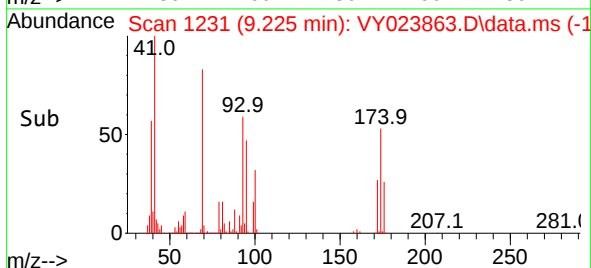
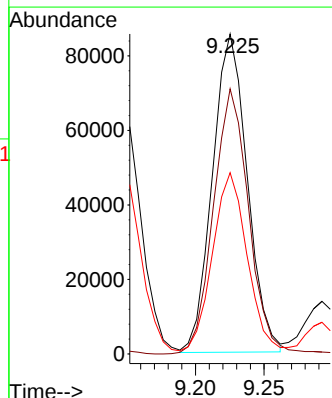
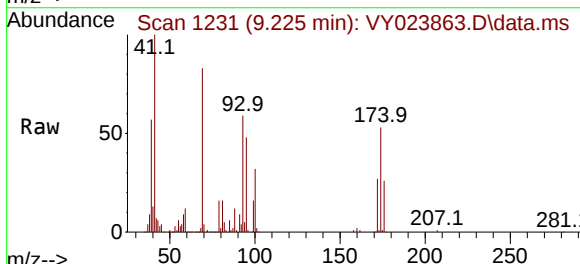
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

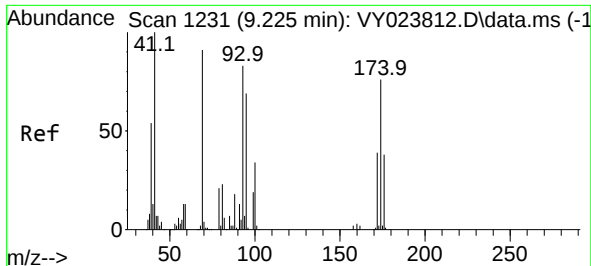
Tgt Ion: 83 Resp: 364780
Ion Ratio Lower Upper
83 100
85 63.1 53.7 80.5
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 56.429 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 41 Resp: 151250
Ion Ratio Lower Upper
41 100
69 84.6 69.1 103.7
39 55.0 41.2 61.8





#49

1,4-Dioxane

Concen: 1027.375 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

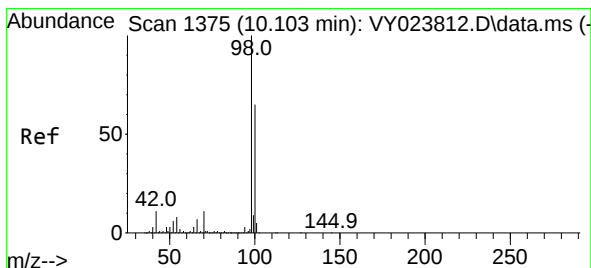
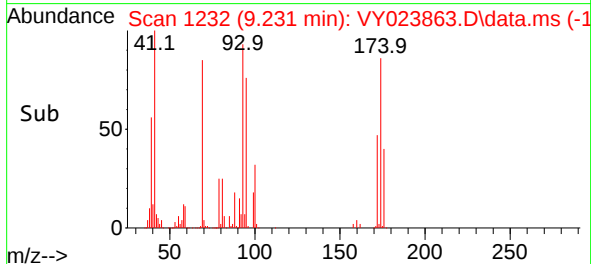
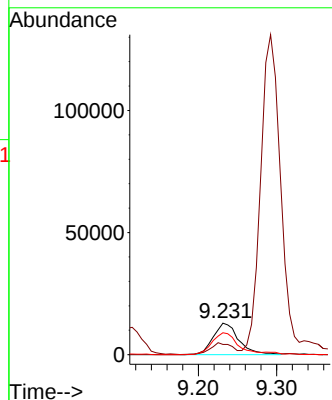
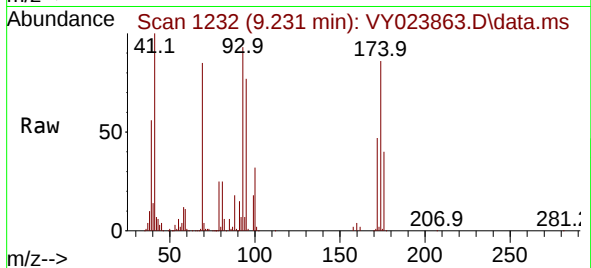
Tgt Ion: 88 Resp: 29359

Ion Ratio Lower Upper

88 100

43 32.9 24.6 37.0

58 69.5 53.4 80.2



#50

Toluene-d8

Concen: 51.376 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023863.D

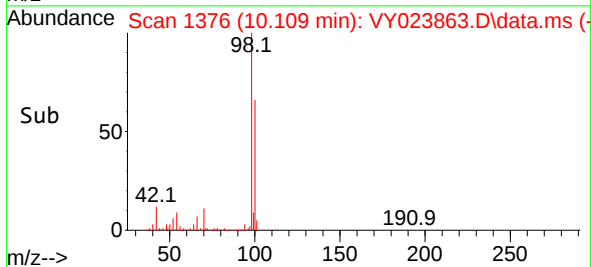
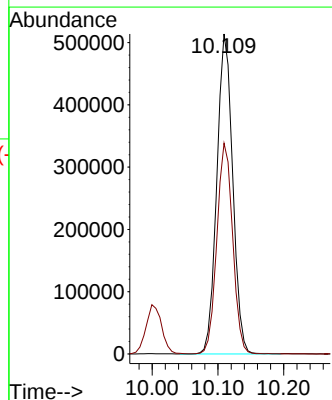
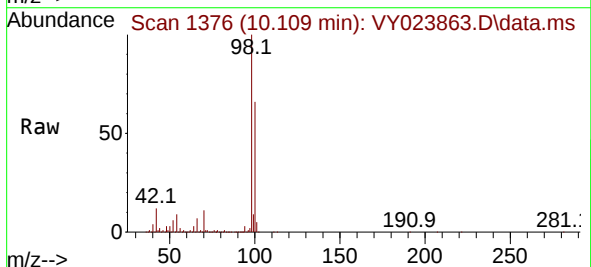
Acq: 02 Dec 2025 17:20

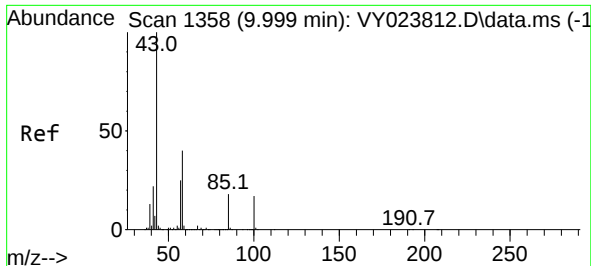
Tgt Ion: 98 Resp: 861973

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 282.414 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

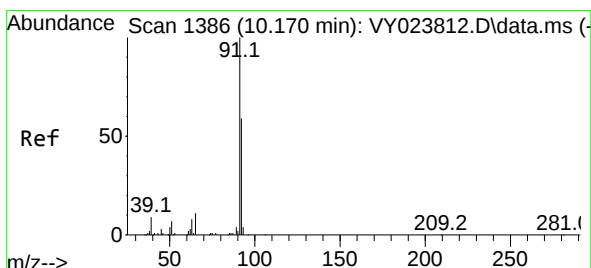
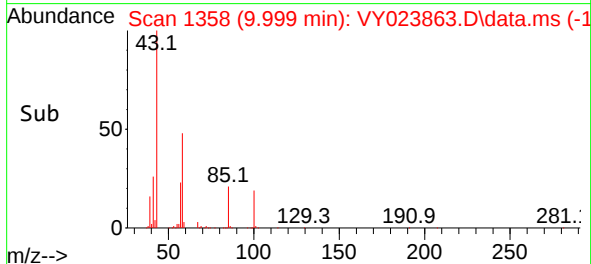
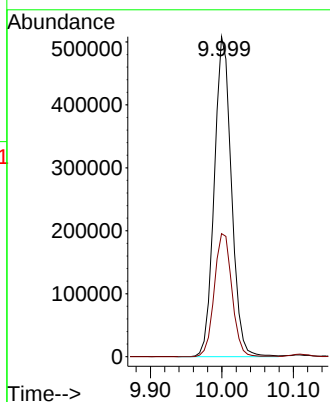
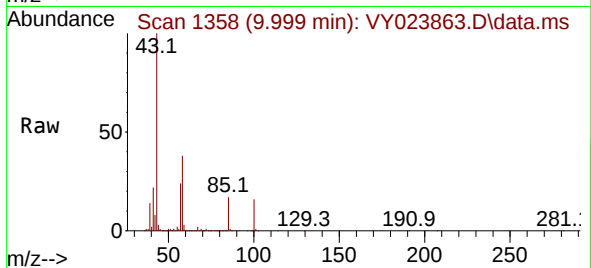
VSTDCCC050EC

Tgt Ion: 43 Resp: 846370

Ion Ratio Lower Upper

43 100

58 39.7 32.4 48.6



#52

Toluene

Concen: 53.393 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY023863.D

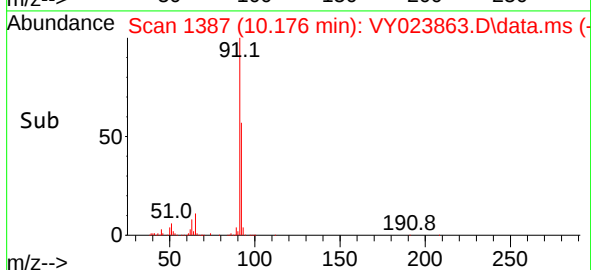
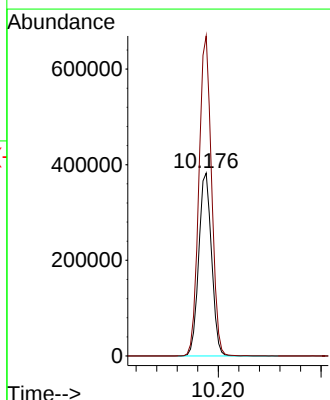
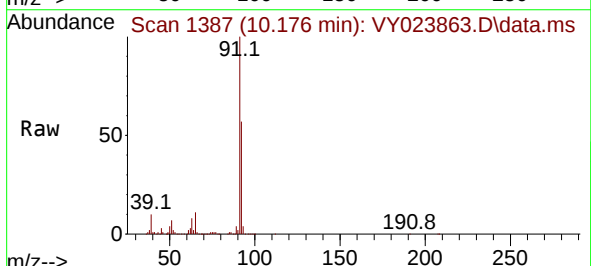
Acq: 02 Dec 2025 17:20

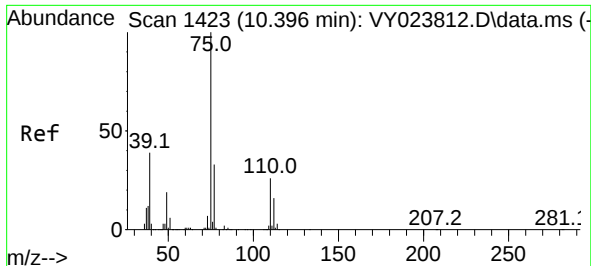
Tgt Ion: 92 Resp: 659698

Ion Ratio Lower Upper

92 100

91 173.0 136.8 205.2

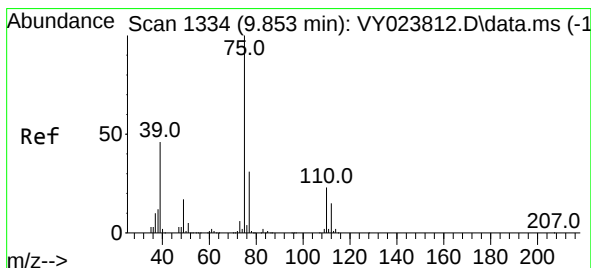
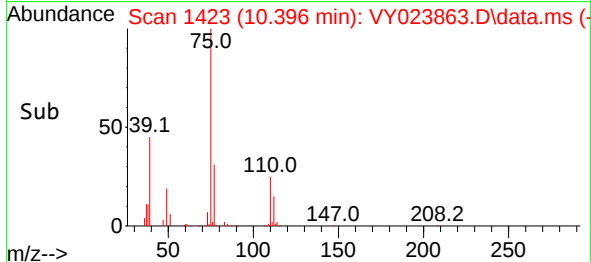
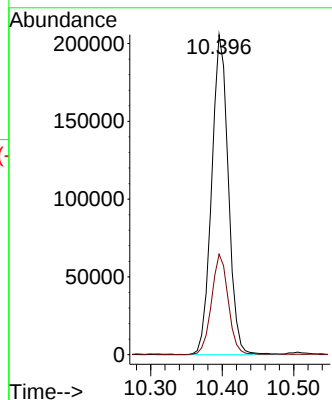
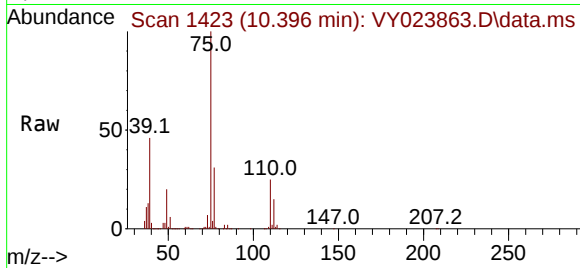




#53
t-1,3-Dichloropropene
Concen: 54.424 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

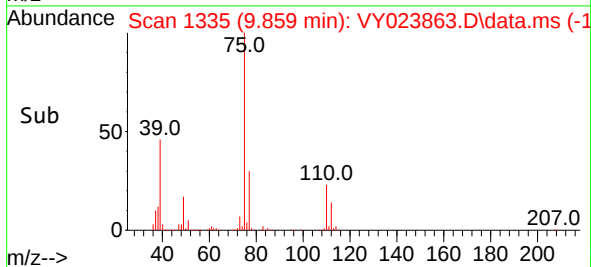
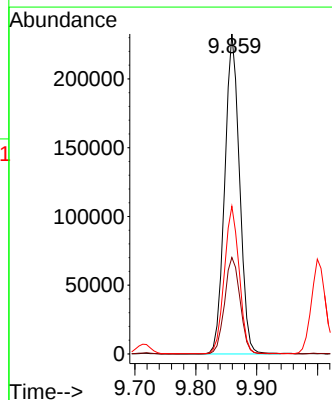
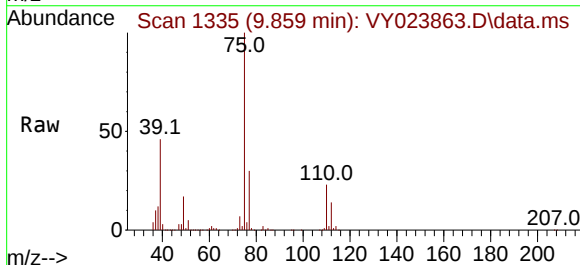
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

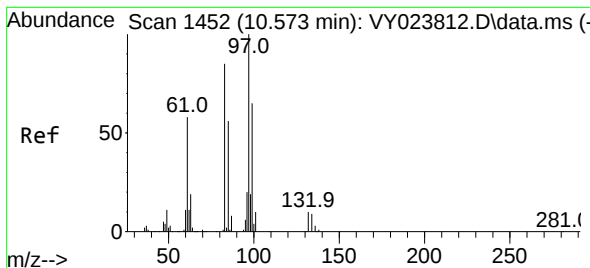
Tgt Ion: 75 Resp: 332217
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 53.778 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 75 Resp: 392948
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2
39 46.0 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 54.699 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 186833

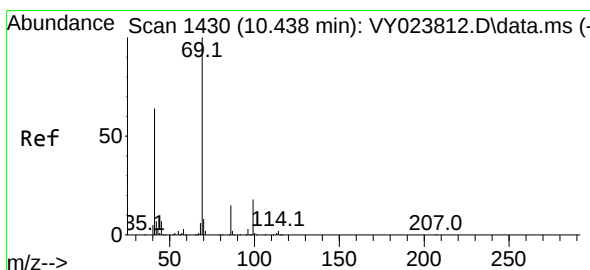
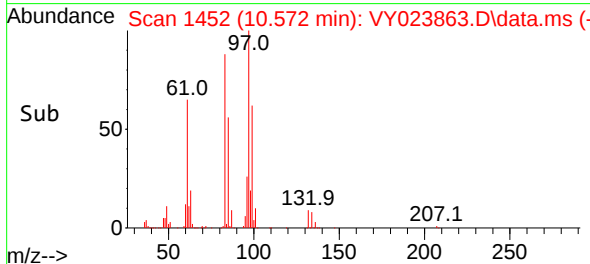
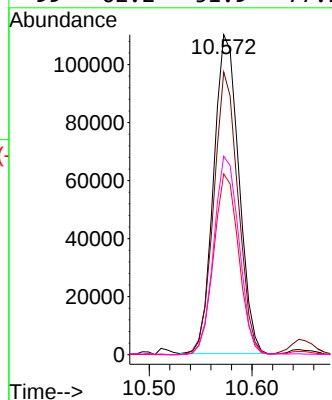
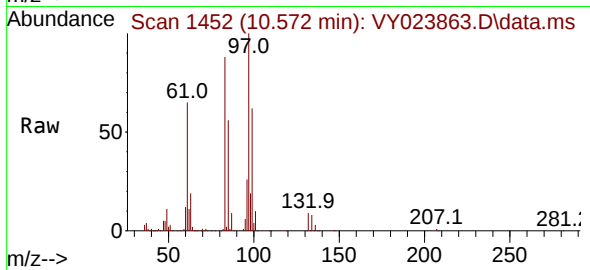
Ion Ratio Lower Upper

97 100

83 88.6 68.1 102.1

85 56.6 45.0 67.4

99 62.2 51.9 77.9



#56

Ethyl methacrylate

Concen: 55.201 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

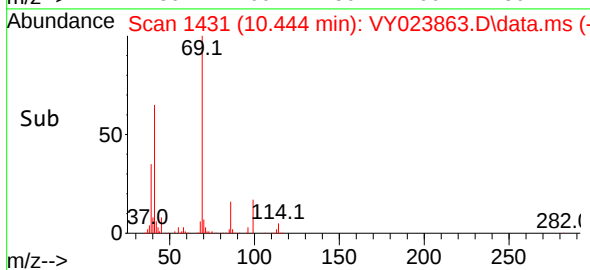
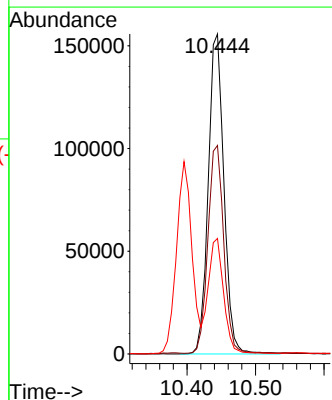
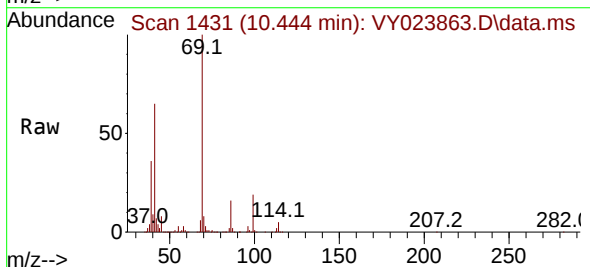
Tgt Ion: 69 Resp: 247574

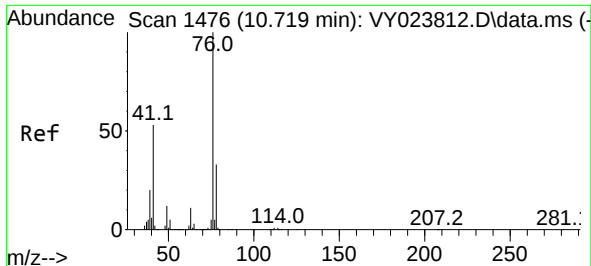
Ion Ratio Lower Upper

69 100

41 65.7 50.9 76.3

39 35.3 26.6 40.0





#57

1,3-Dichloropropane

Concen: 54.609 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

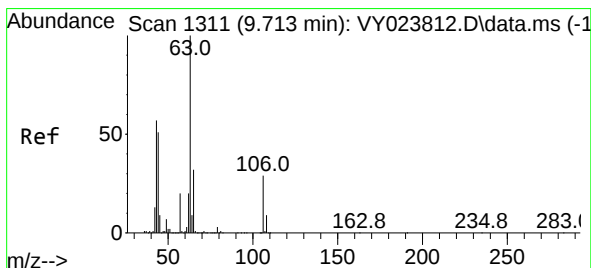
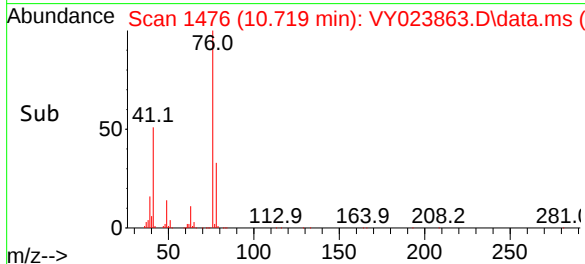
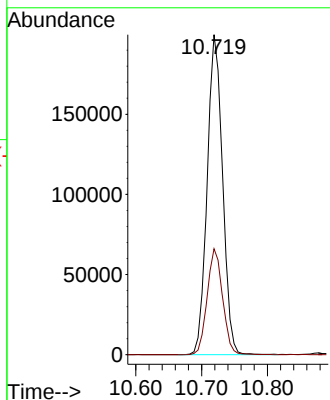
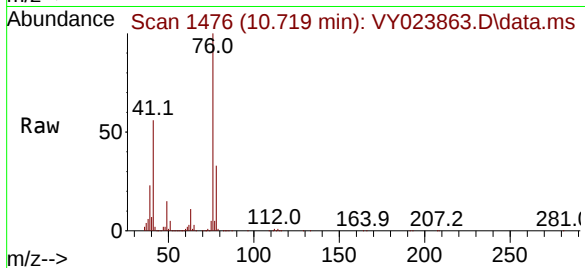
VSTDCCC050EC

Tgt Ion: 76 Resp: 325380

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 272.679 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023863.D

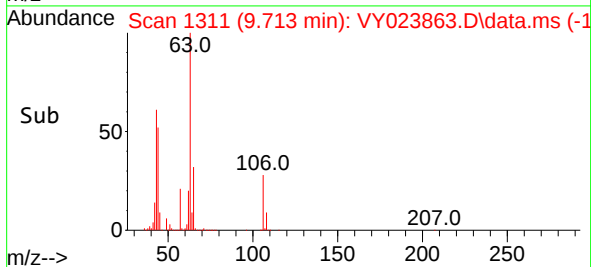
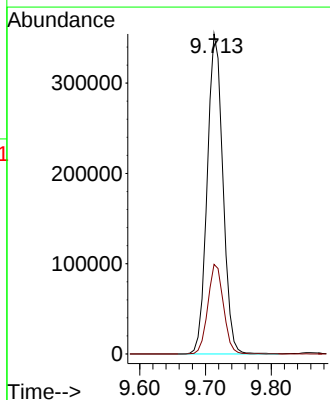
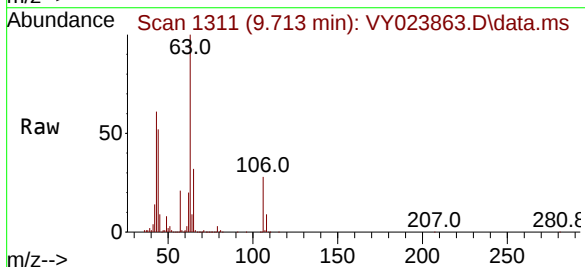
Acq: 02 Dec 2025 17:20

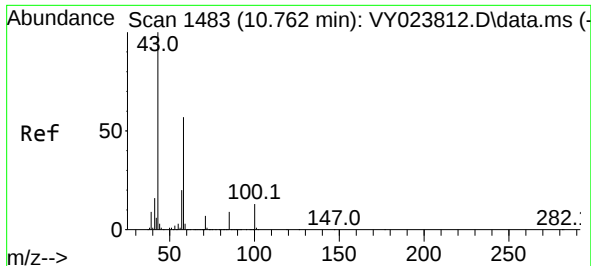
Tgt Ion: 63 Resp: 587499

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2

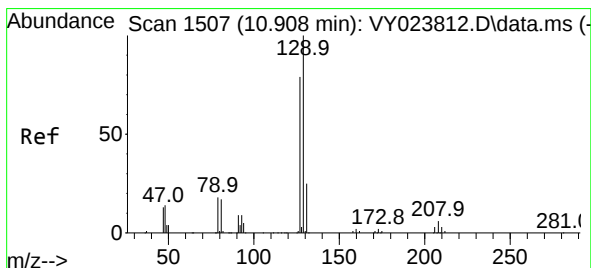
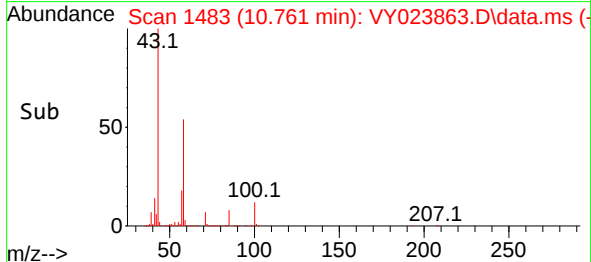
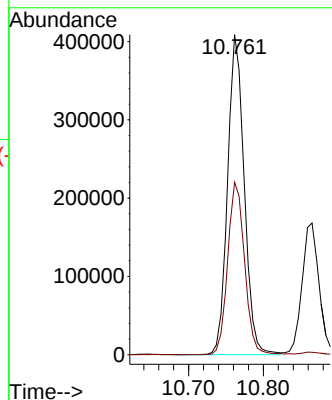
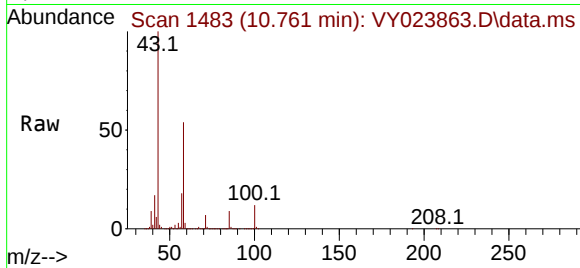




#59
2-Hexanone
Concen: 284.572 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

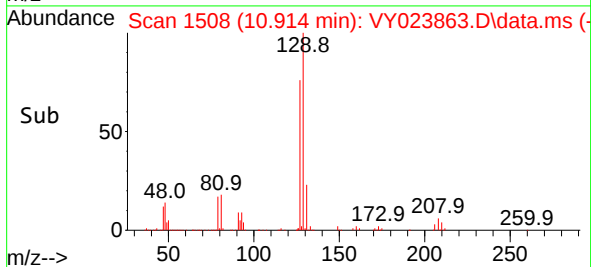
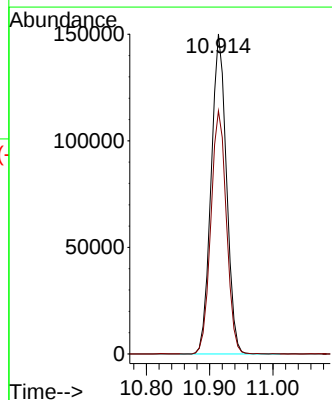
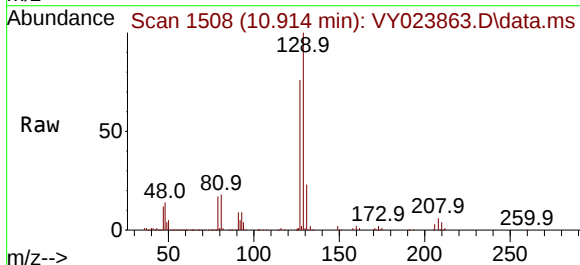
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

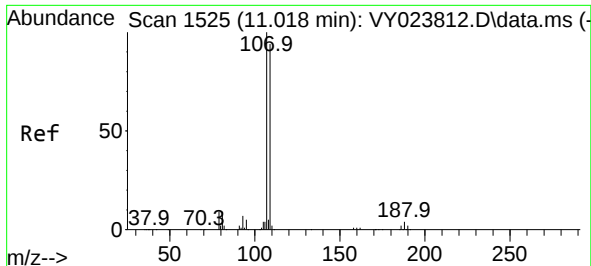
Tgt Ion: 43 Resp: 630654
Ion Ratio Lower Upper
43 100
58 55.0 28.3 85.0



#60
Dibromochloromethane
Concen: 55.099 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion:129 Resp: 252546
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6

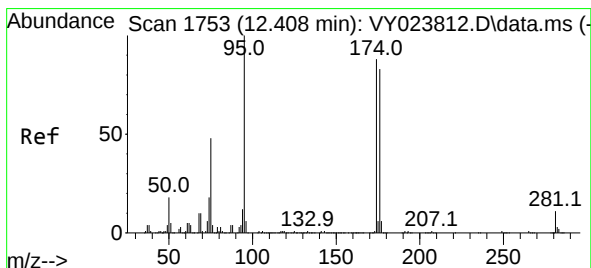
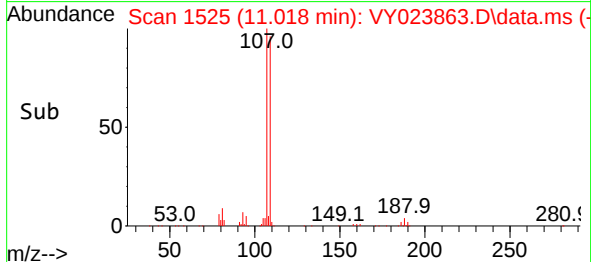
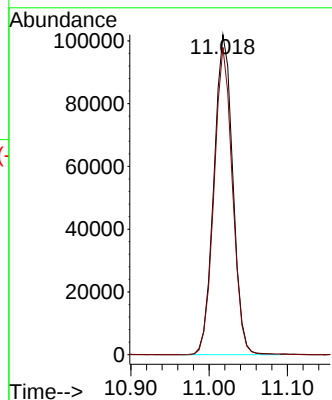
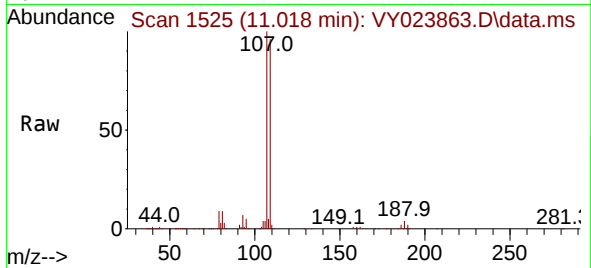




#61
1,2-Dibromoethane
Concen: 53.948 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

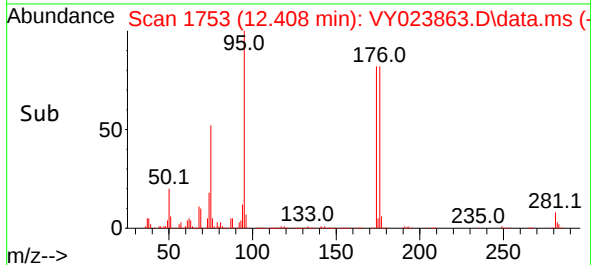
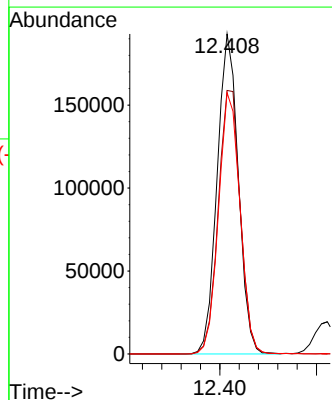
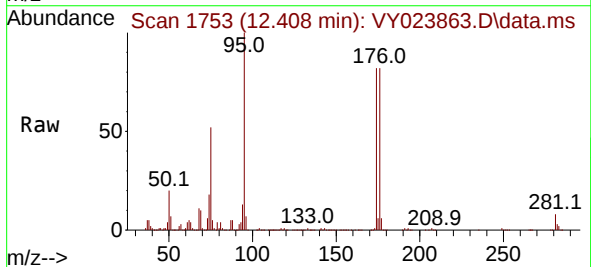
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

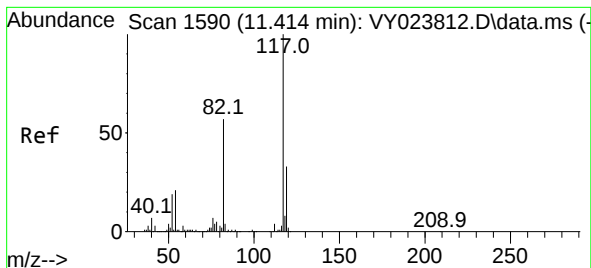
Tgt Ion:107 Resp: 171042
Ion Ratio Lower Upper
107 100
109 93.6 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 53.008 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 95 Resp: 292627
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.6
176 82.9 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

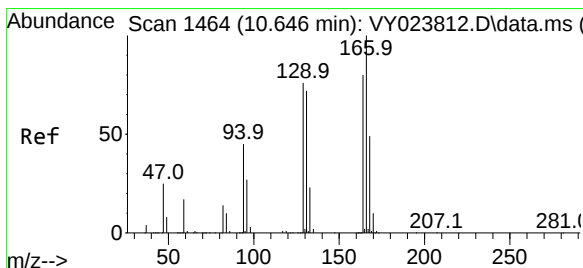
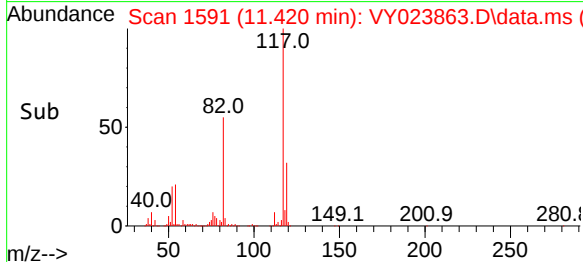
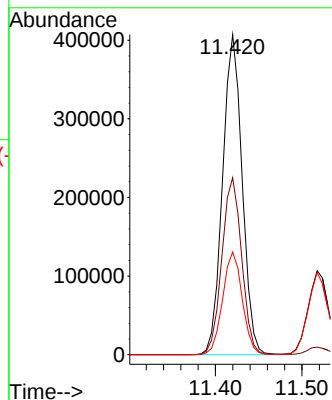
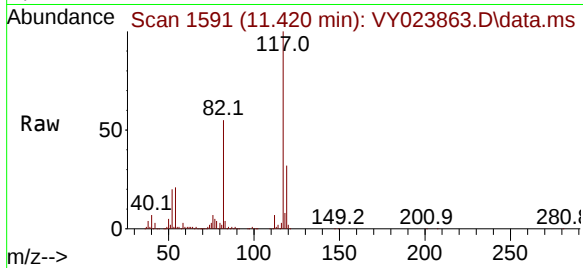
Tgt Ion:117 Resp: 638998

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 32.1 26.0 39.0



#64

Tetrachloroethene

Concen: 56.769 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Tgt Ion:164 Resp: 344125

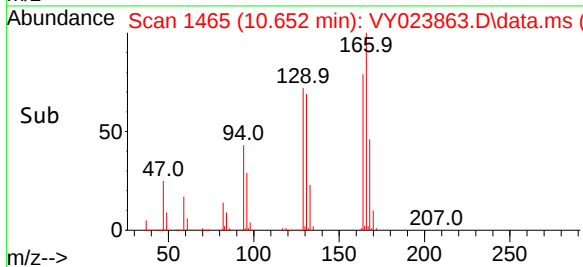
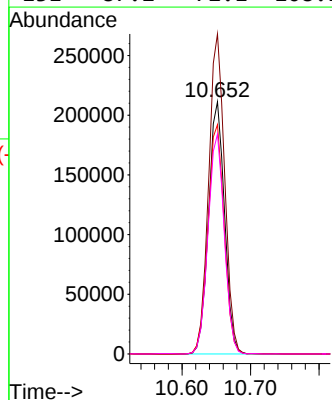
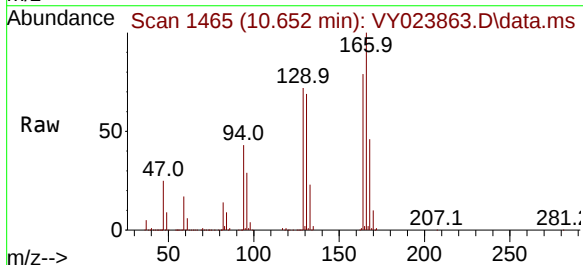
Ion Ratio Lower Upper

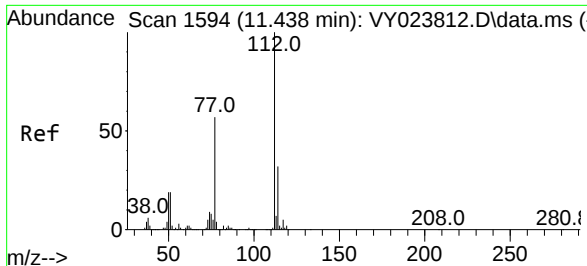
164 100

166 126.9 100.6 150.8

129 90.9 76.0 114.0

131 87.2 72.1 108.1

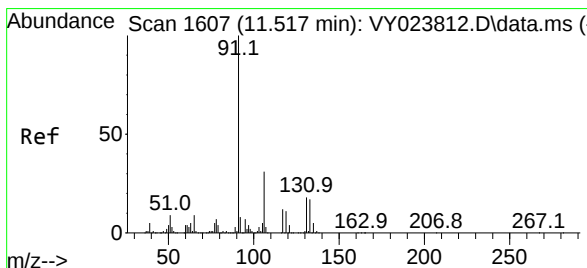
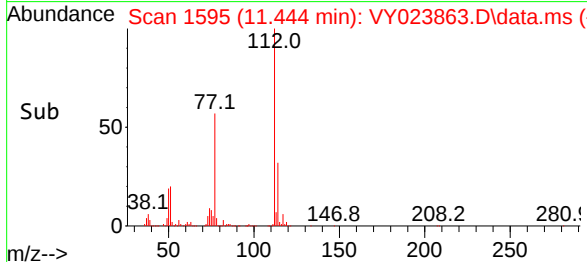
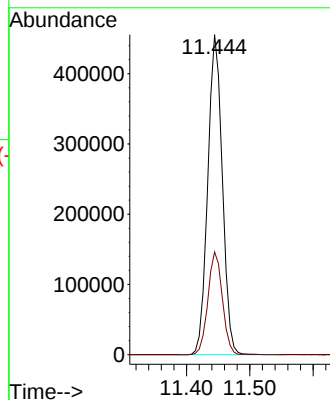
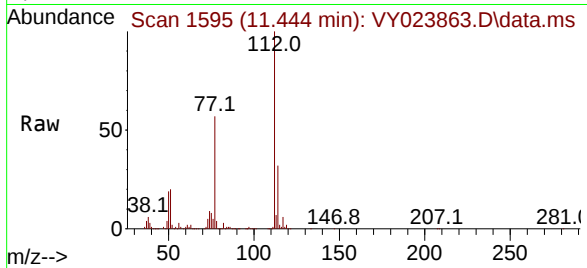




#65
Chlorobenzene
Concen: 51.949 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

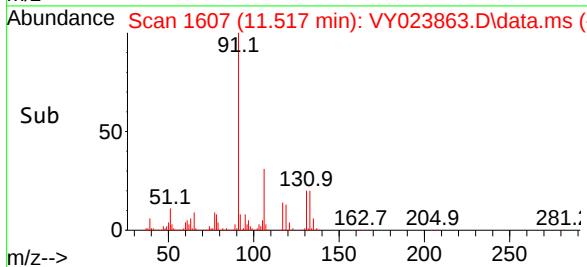
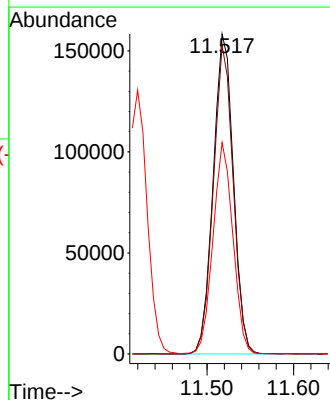
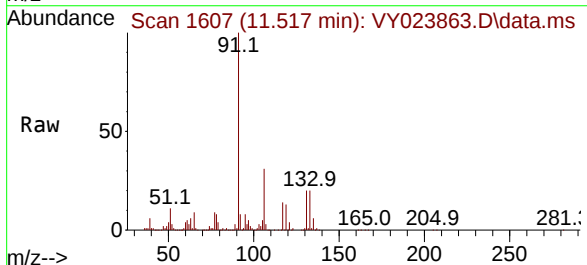
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

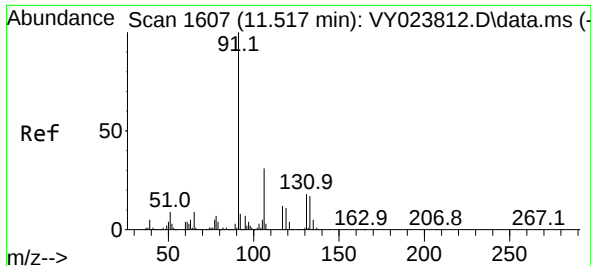
Tgt Ion:112 Resp: 728661
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.776 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion:131 Resp: 256243
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 65.2 33.0 98.9





#67

Ethyl Benzene

Concen: 53.514 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

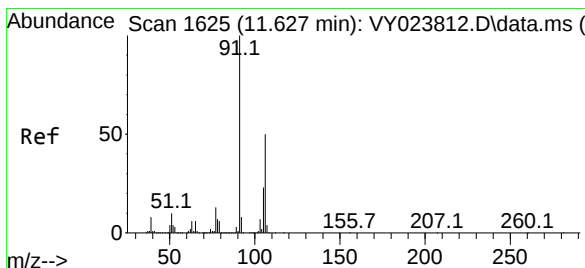
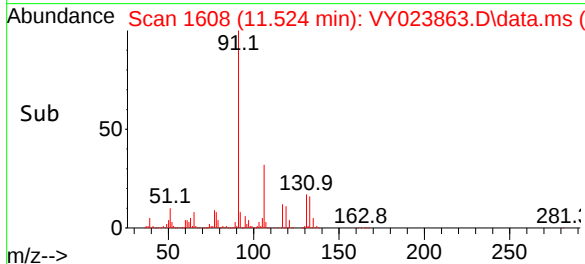
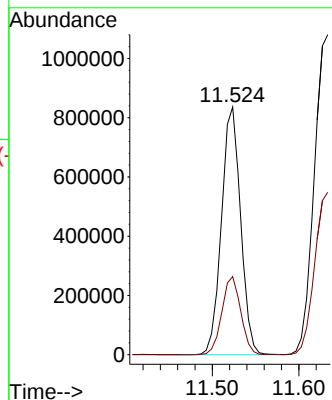
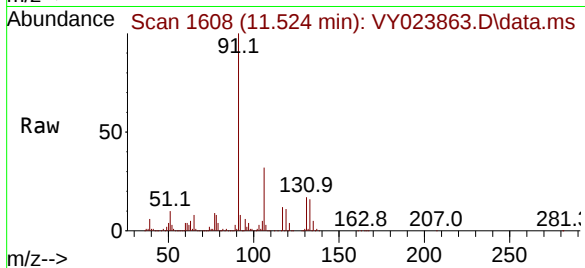
VSTDCCC050EC

Tgt Ion: 91 Resp: 1282100

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 107.038 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023863.D

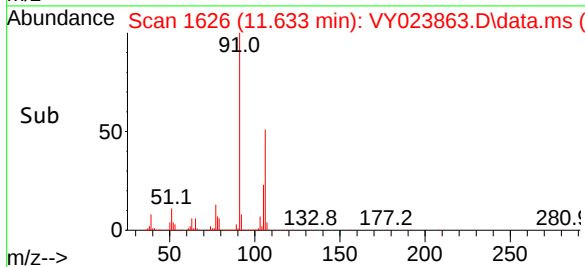
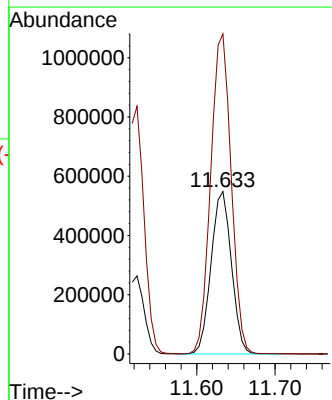
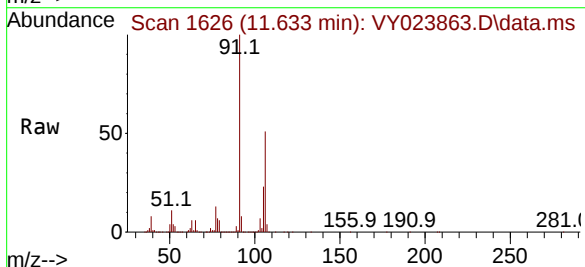
Acq: 02 Dec 2025 17:20

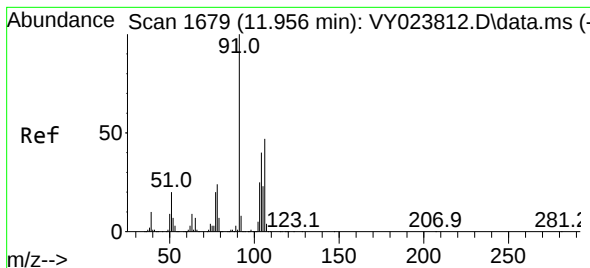
Tgt Ion:106 Resp: 988184

Ion Ratio Lower Upper

106 100

91 198.6 159.5 239.3

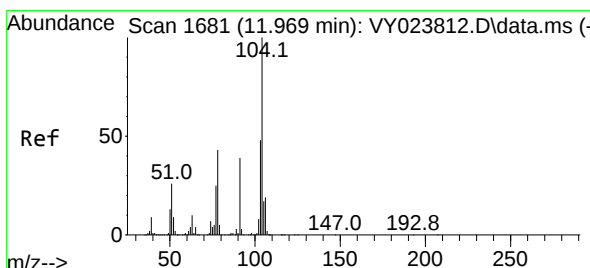
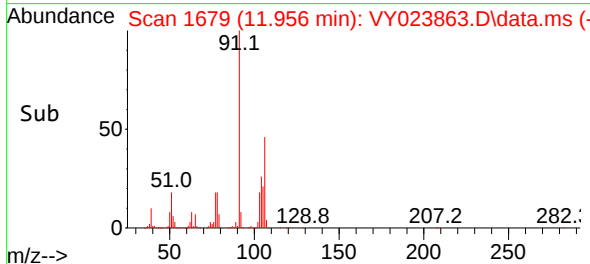
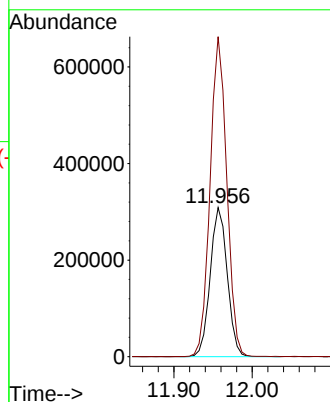
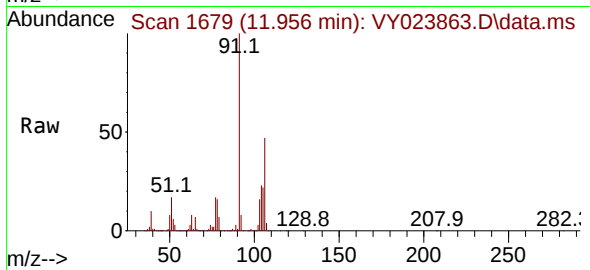




#69
o-Xylene
Concen: 53.970 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

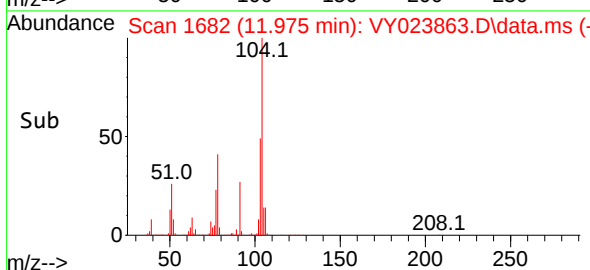
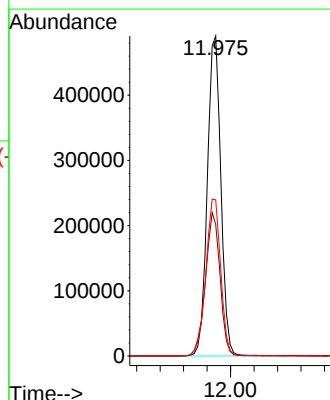
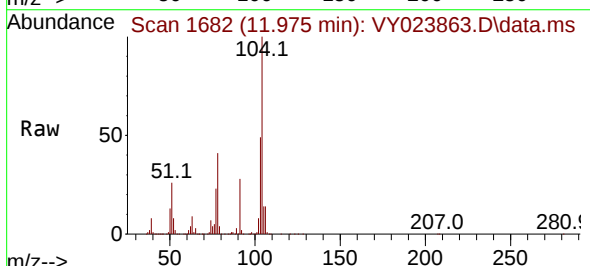
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

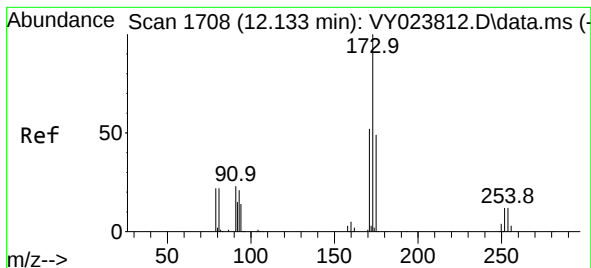
Tgt Ion:106 Resp: 467119
Ion Ratio Lower Upper
106 100
91 209.6 106.5 319.6



#70
Styrene
Concen: 55.090 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion:104 Resp: 785459
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 53.9 43.4 65.0





#71

Bromoform

Concen: 53.327 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

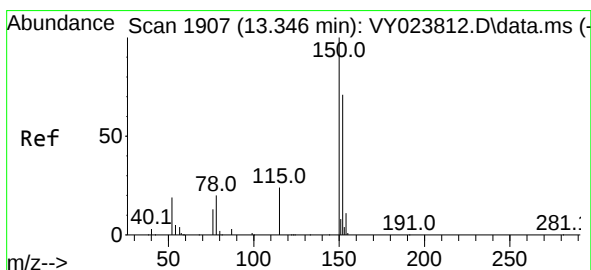
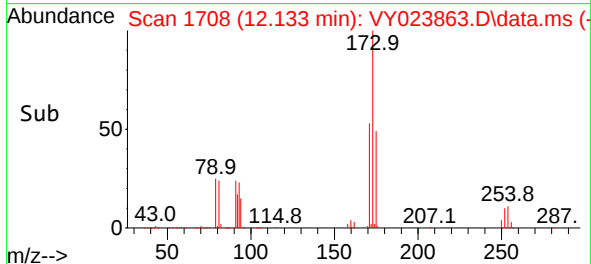
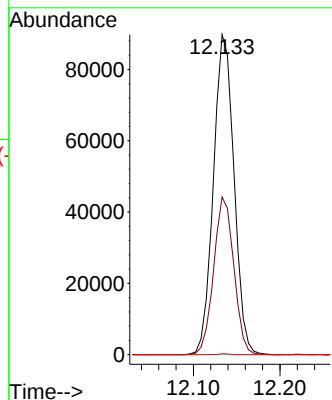
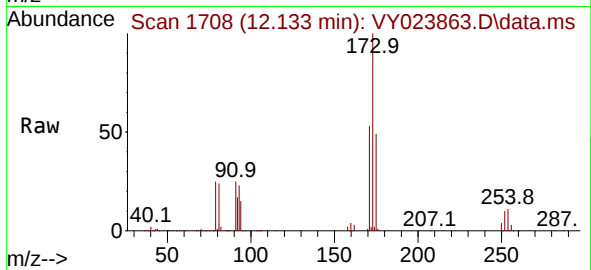
Tgt Ion:173 Resp: 148223

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.4

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

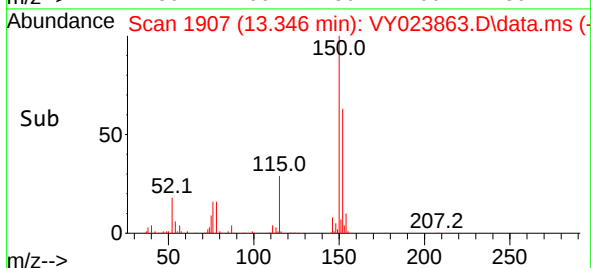
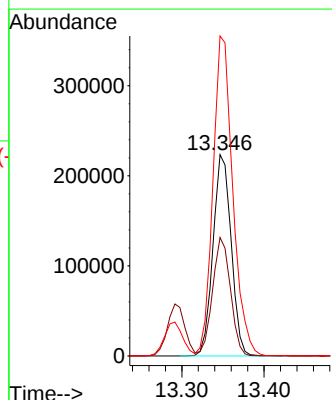
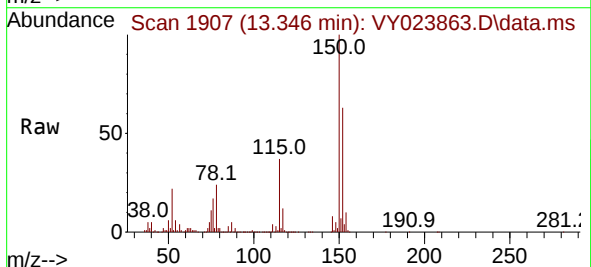
Tgt Ion:152 Resp: 343372

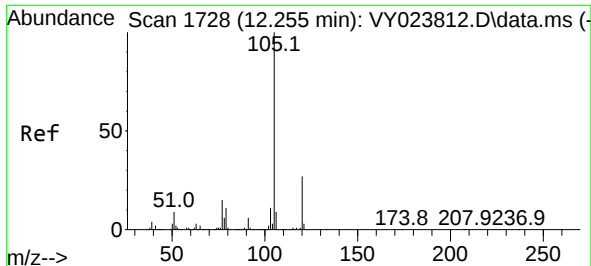
Ion Ratio Lower Upper

152 100

115 57.8 28.7 86.3

150 173.6 0.0 345.6

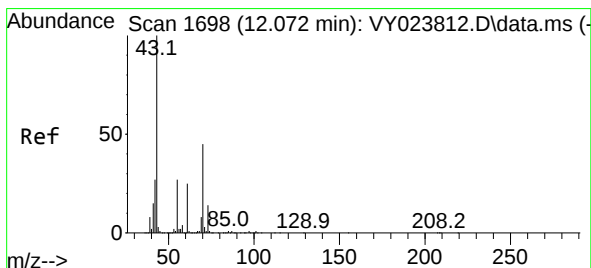
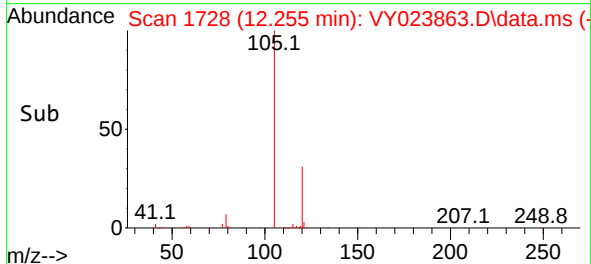
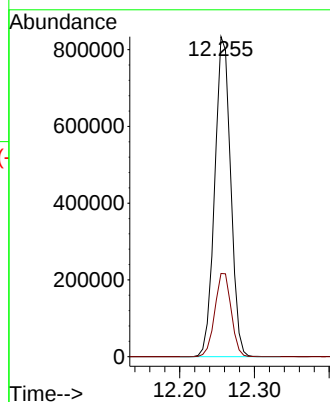
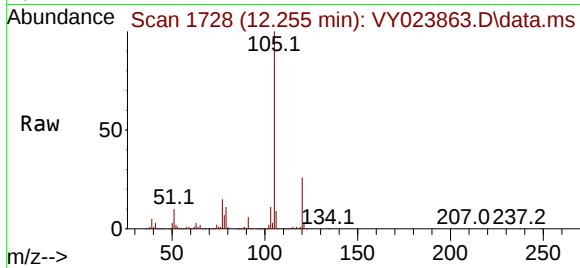




#73
Isopropylbenzene
Concen: 50.657 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

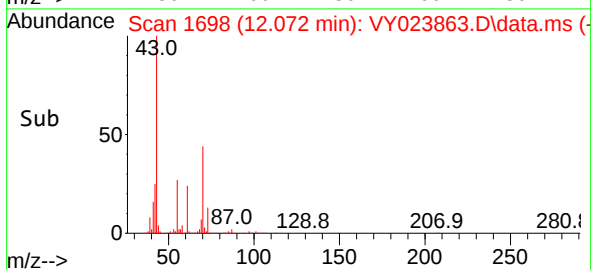
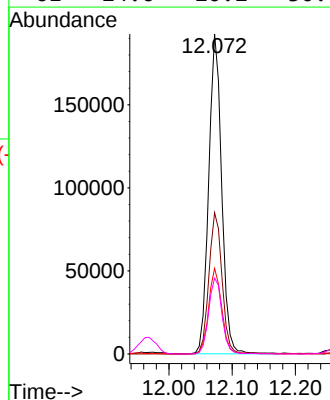
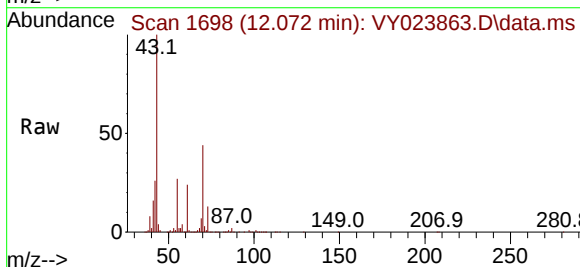
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

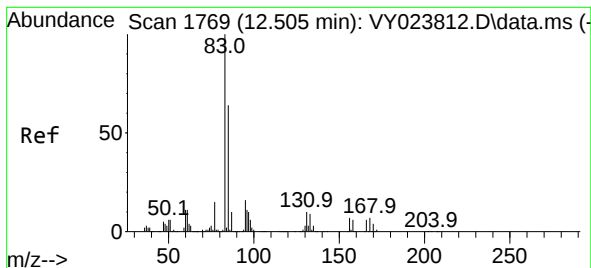
Tgt Ion:105 Resp: 1234512
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8



#74
N-ethyl acetate
Concen: 50.296 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 43 Resp: 273839
Ion Ratio Lower Upper
43 100
70 44.7 36.2 54.2
55 27.4 21.8 32.8
61 24.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.585 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

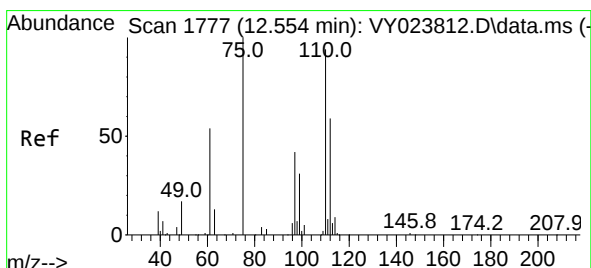
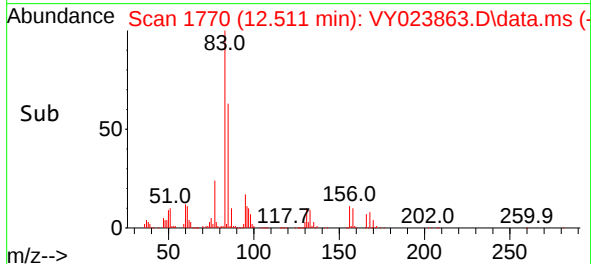
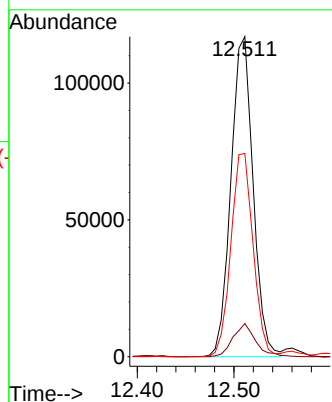
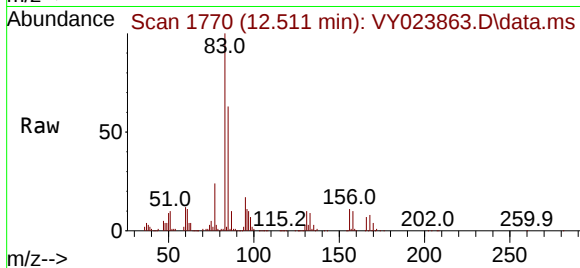
Tgt Ion: 83 Resp: 186910

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 63.7 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 93.146 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023863.D

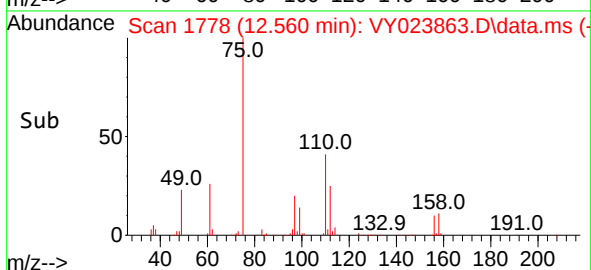
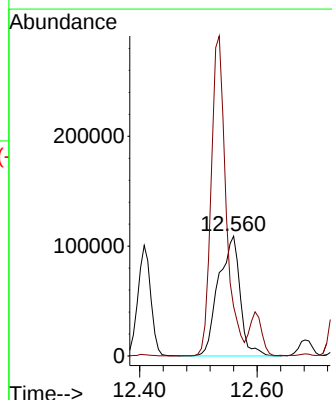
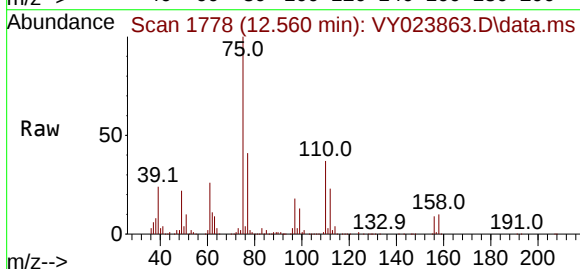
Acq: 02 Dec 2025 17:20

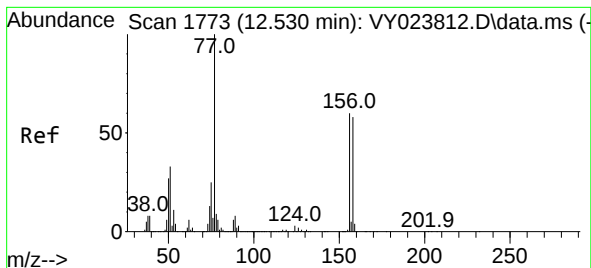
Tgt Ion: 75 Resp: 278137

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.822 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

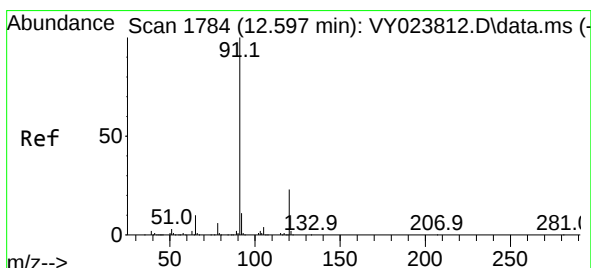
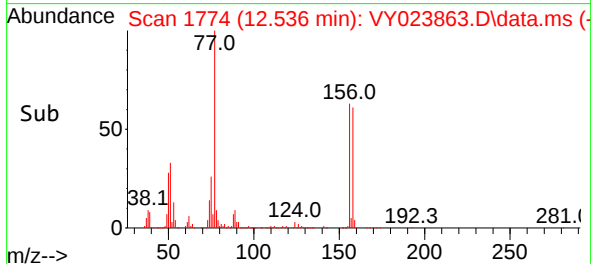
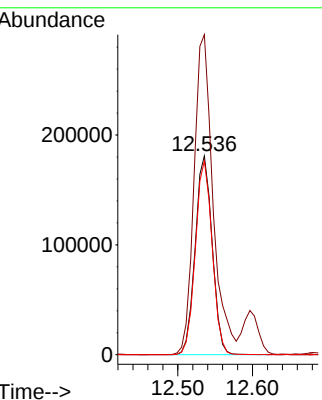
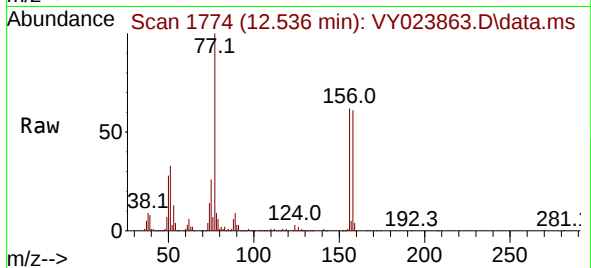
Tgt Ion:156 Resp: 285583

Ion Ratio Lower Upper

156 100

77 179.7 90.8 272.3

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 50.750 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023863.D

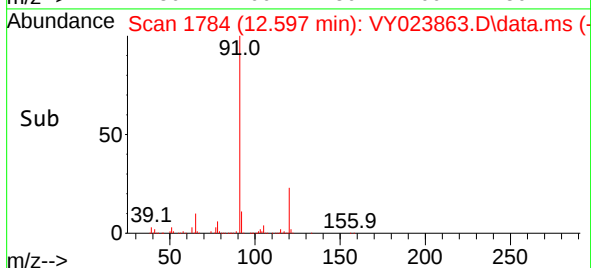
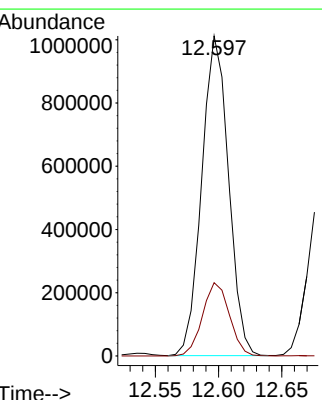
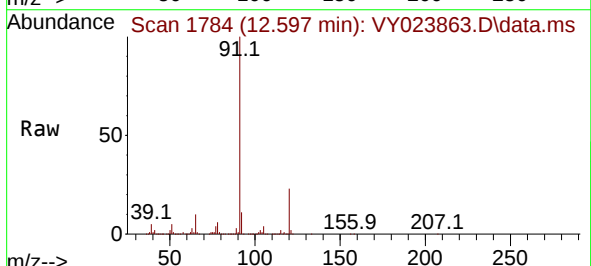
Acq: 02 Dec 2025 17:20

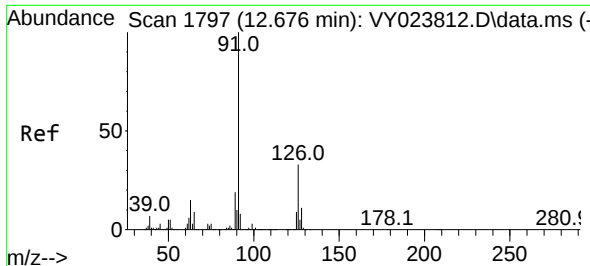
Tgt Ion: 91 Resp: 1489015

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

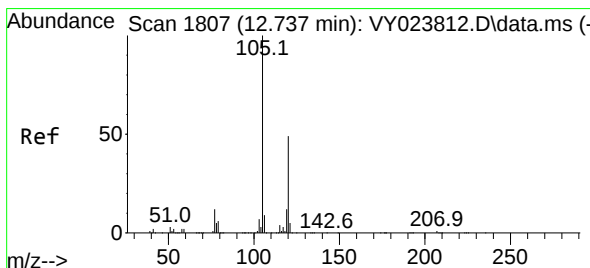
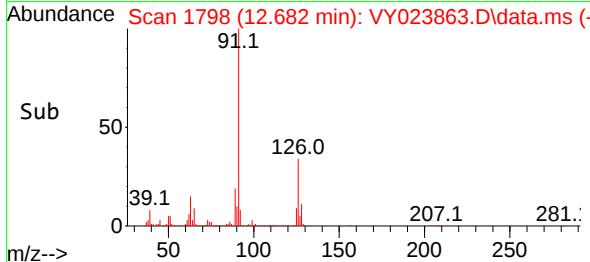
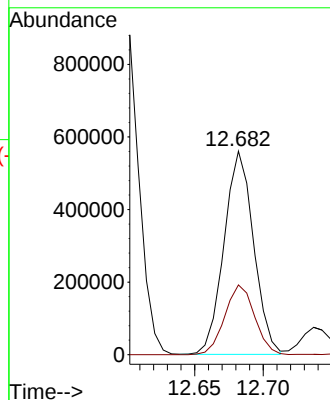
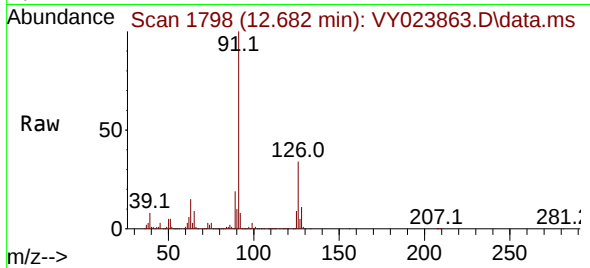




#79
2-Chlorotoluene
Concen: 49.879 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

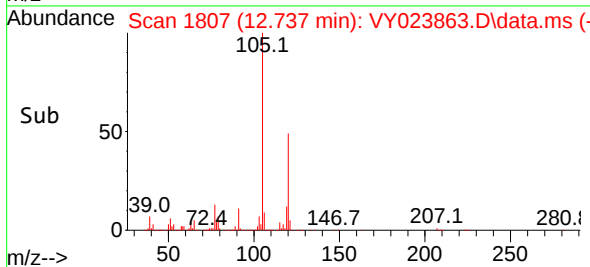
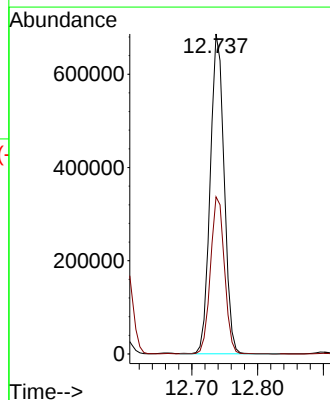
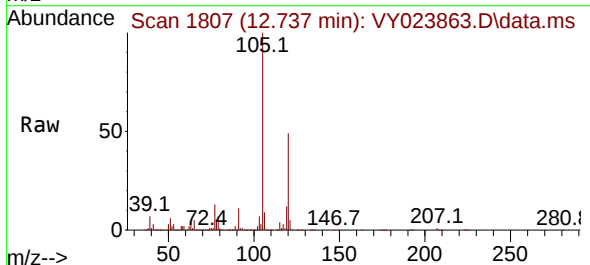
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

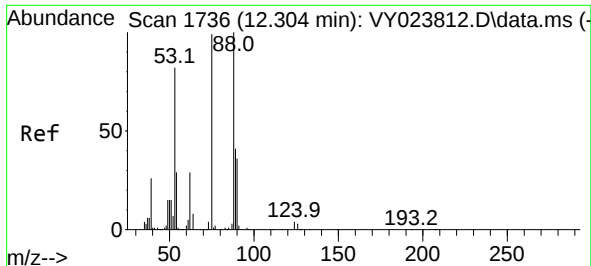
Tgt Ion: 91 Resp: 842278
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 50.783 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 105 Resp: 1010292
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8

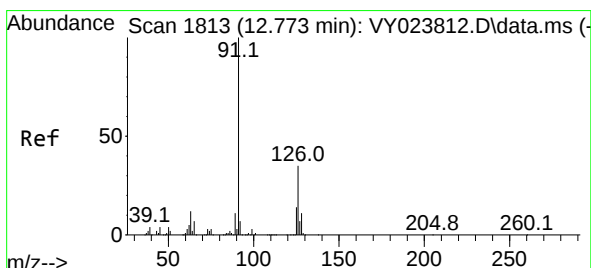
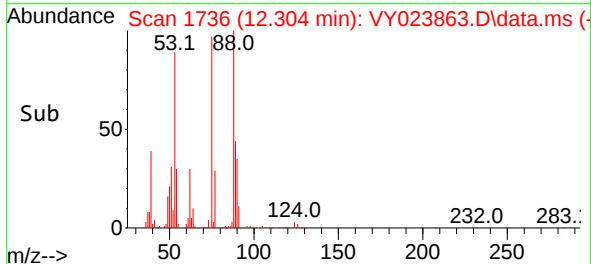
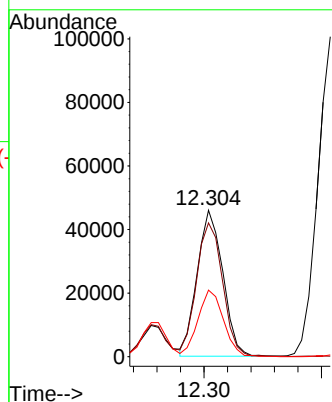
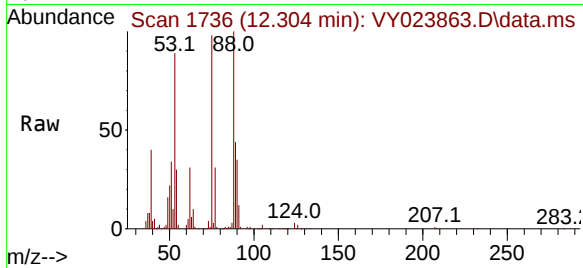




#81
trans-1,4-Dichloro-2-butene
Concen: 49.392 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

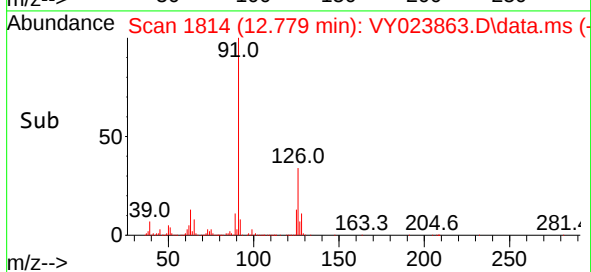
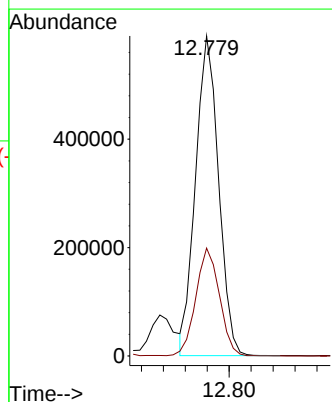
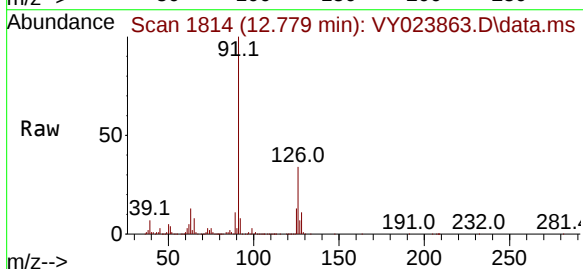
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

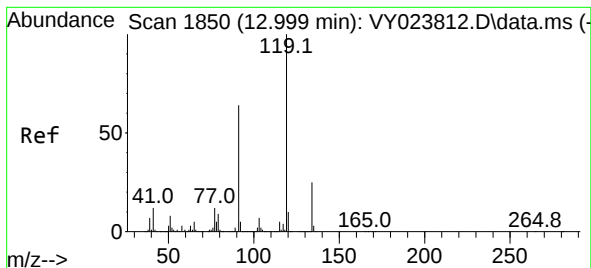
Tgt Ion: 75 Resp: 69776
Ion Ratio Lower Upper
75 100
53 93.3 71.3 106.9
89 45.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.612 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 91 Resp: 860383
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.273 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

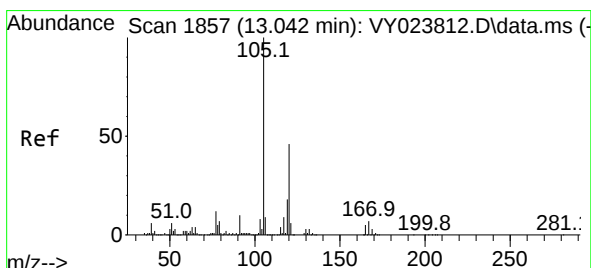
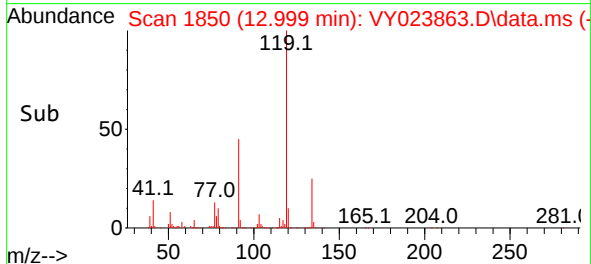
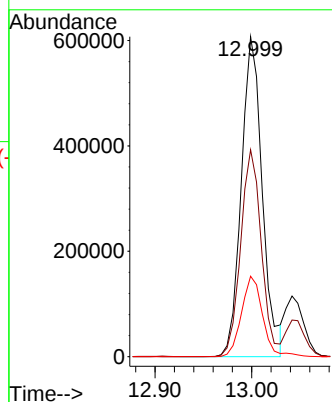
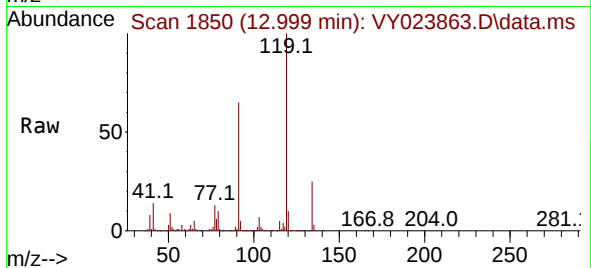
Tgt Ion:119 Resp: 916354

Ion Ratio Lower Upper

119 100

91 63.9 32.0 96.0

134 25.4 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 50.459 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023863.D

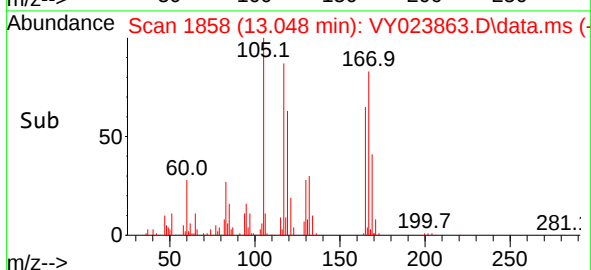
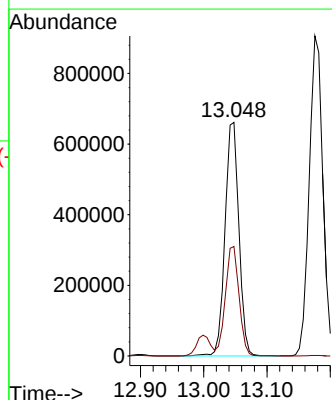
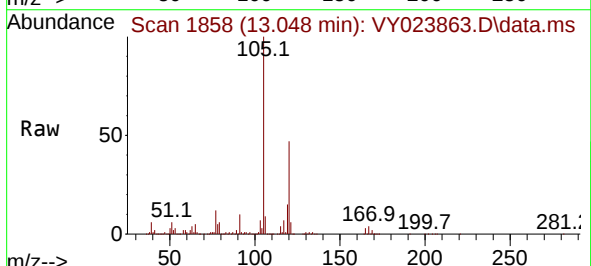
Acq: 02 Dec 2025 17:20

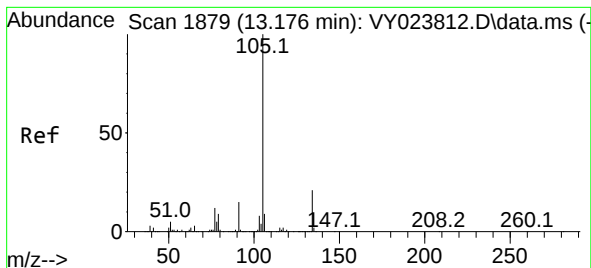
Tgt Ion:105 Resp: 1003229

Ion Ratio Lower Upper

105 100

120 46.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 51.078 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

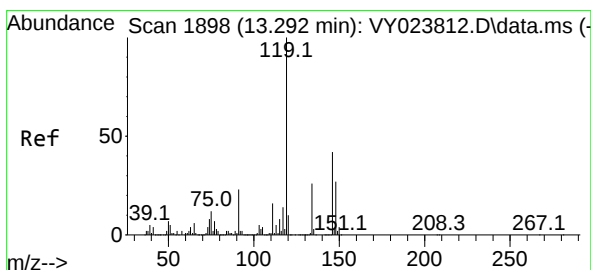
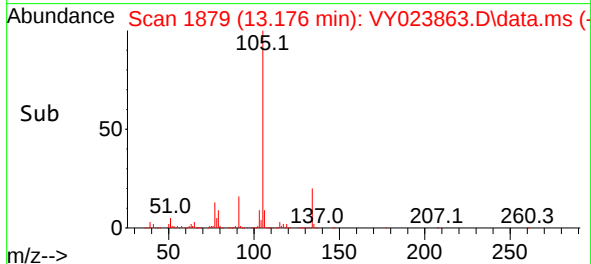
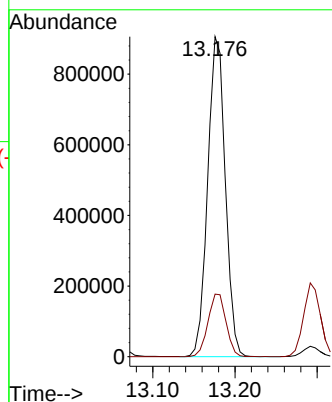
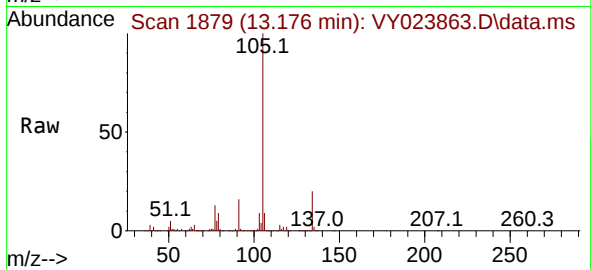
VSTDCCC050EC

Tgt Ion:105 Resp: 1347526

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.009 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

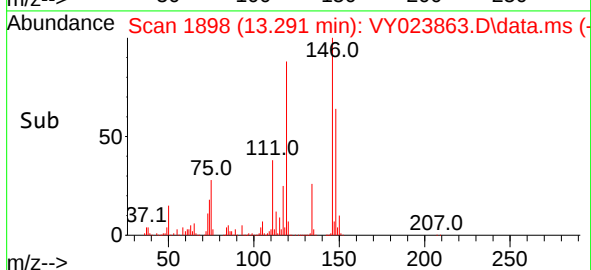
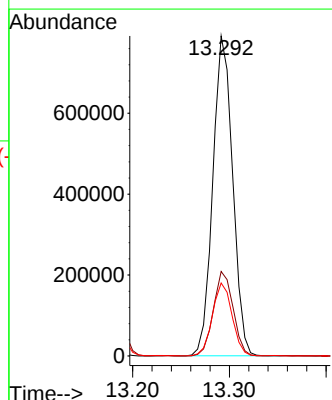
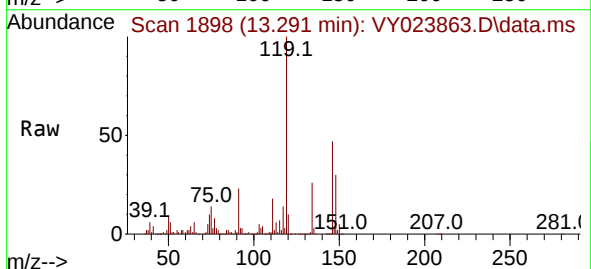
Tgt Ion:119 Resp: 1124806

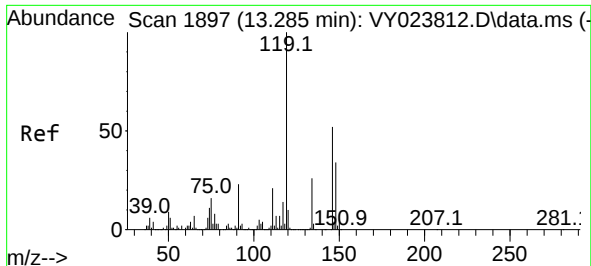
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 49.169 ug/l

RT: 13.291 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

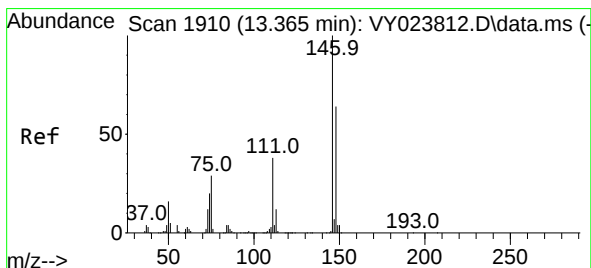
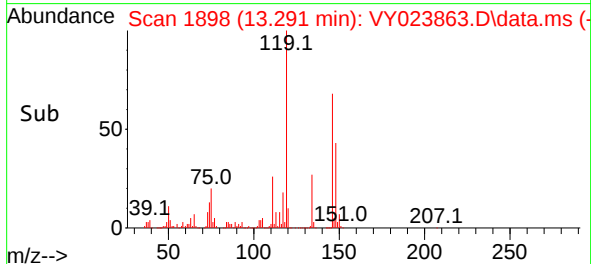
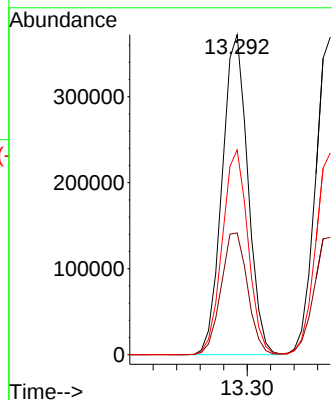
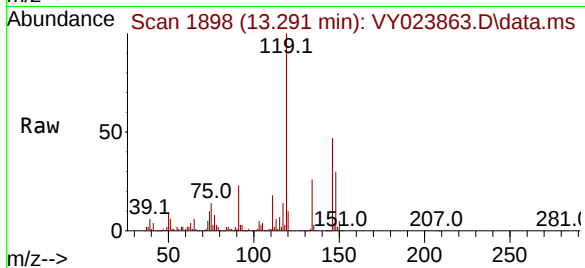
Tgt Ion:146 Resp: 564854

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

148 64.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 48.608 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

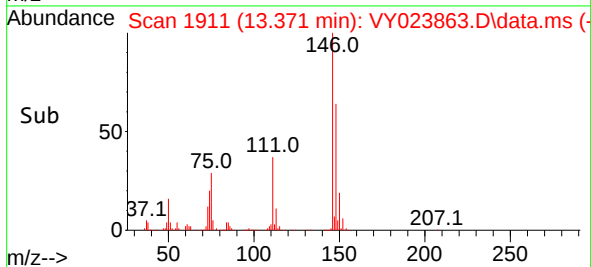
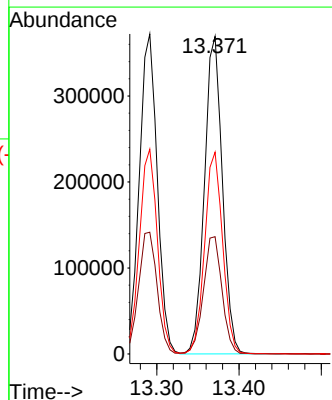
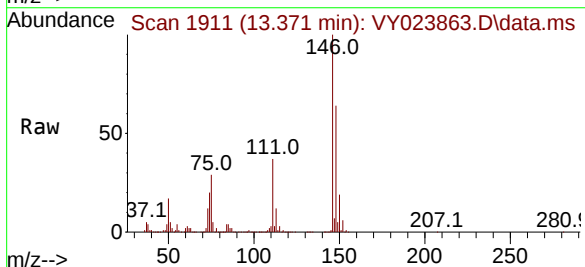
Tgt Ion:146 Resp: 557385

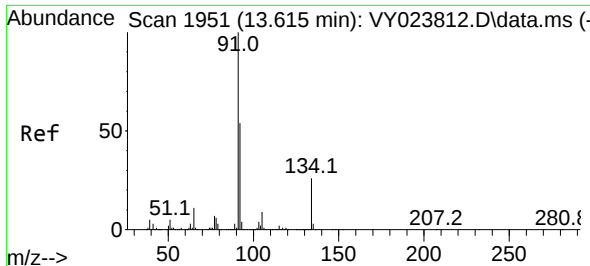
Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 64.0 32.0 96.0

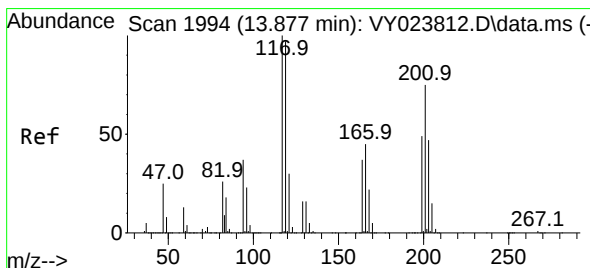
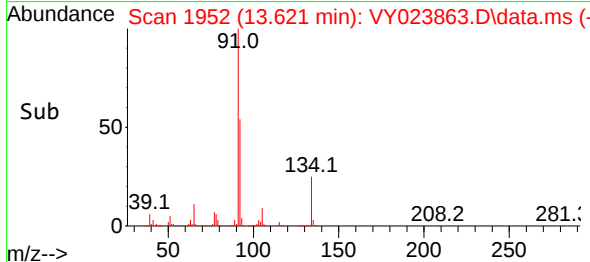
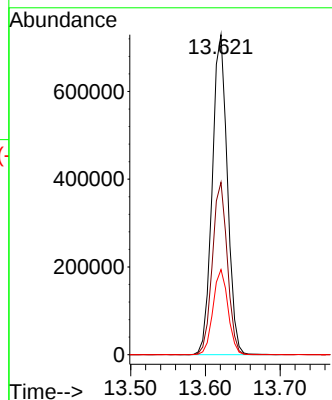
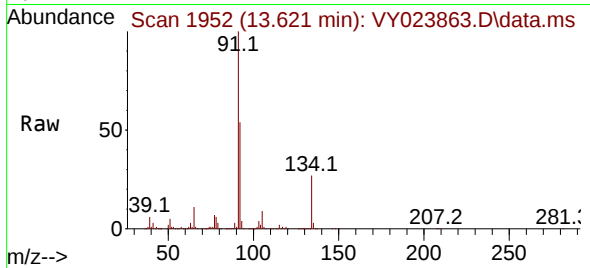




#89
n-Butylbenzene
Concen: 50.857 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

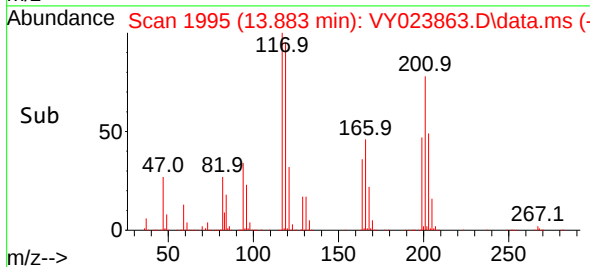
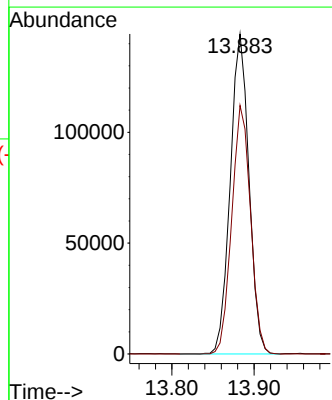
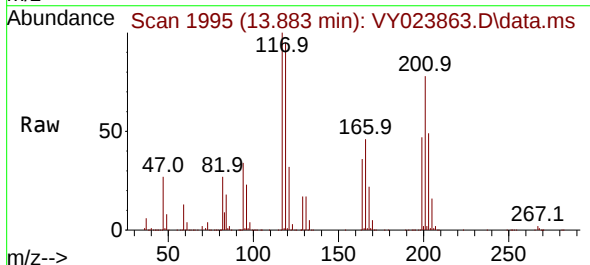
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

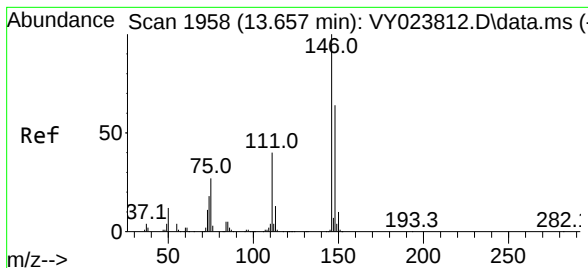
Tgt Ion: 91 Resp: 1028282
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 26.3 13.0 39.0



#90
Hexachloroethane
Concen: 49.352 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 117 Resp: 228647
Ion Ratio Lower Upper
117 100
201 77.9 38.6 115.8





#91

1,2-Dichlorobenzene

Concen: 50.303 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

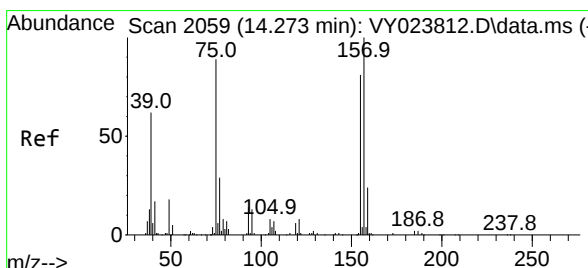
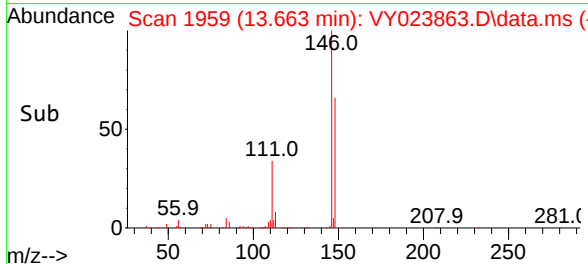
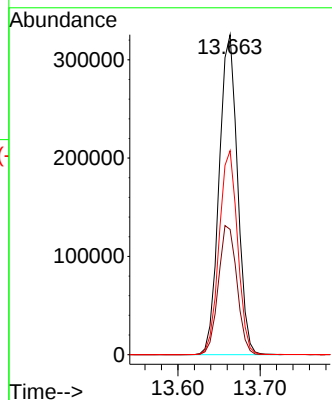
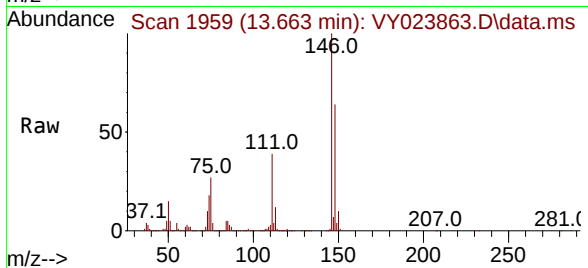
Tgt Ion:146 Resp: 505342

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.5

148 64.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.991 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

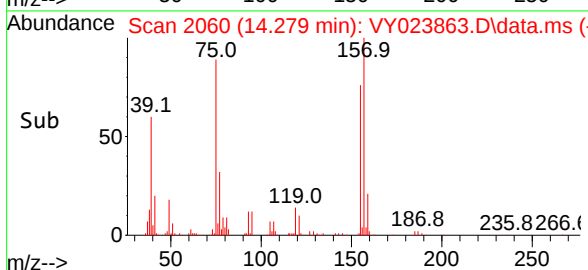
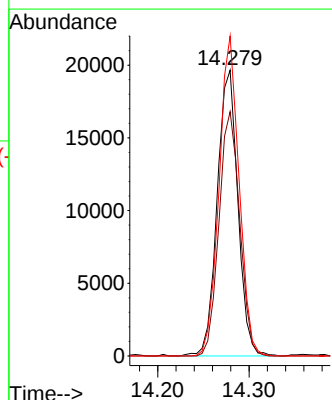
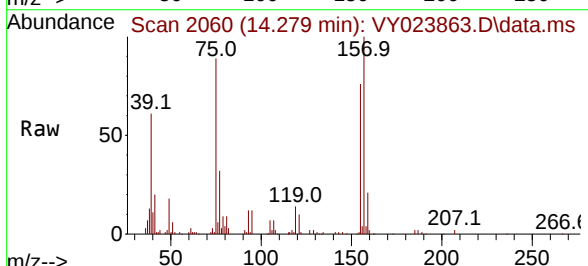
Tgt Ion: 75 Resp: 30887

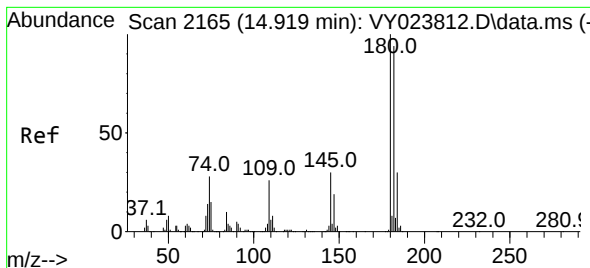
Ion Ratio Lower Upper

75 100

155 85.6 44.0 132.1

157 108.4 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 48.787 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

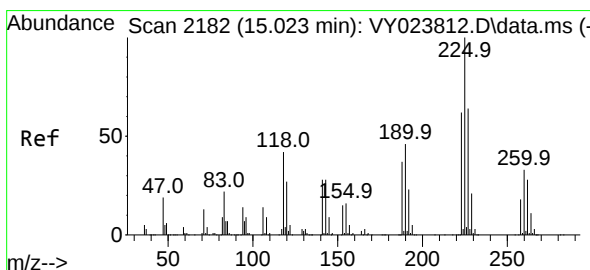
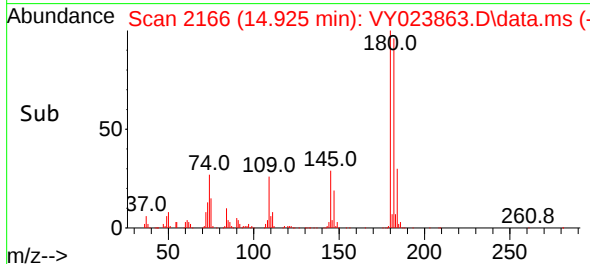
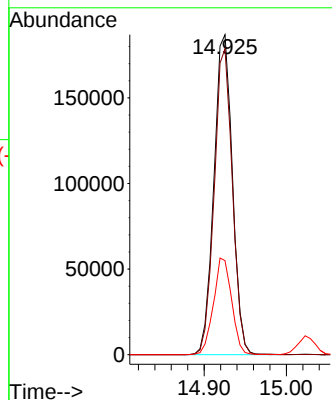
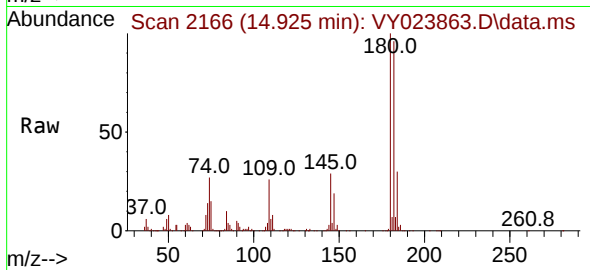
Tgt Ion:180 Resp: 292218

Ion Ratio Lower Upper

180 100

182 93.8 47.2 141.6

145 29.7 15.4 46.2



#94

Hexachlorobutadiene

Concen: 47.878 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

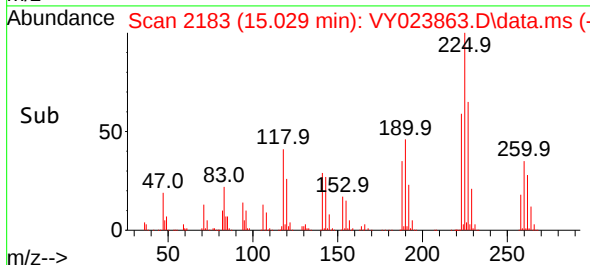
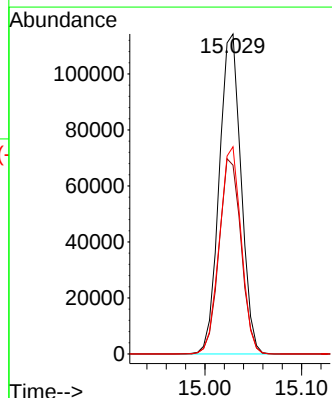
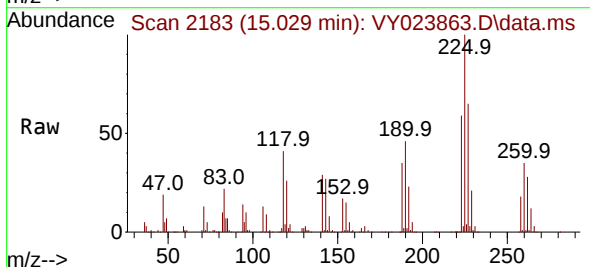
Tgt Ion:225 Resp: 178594

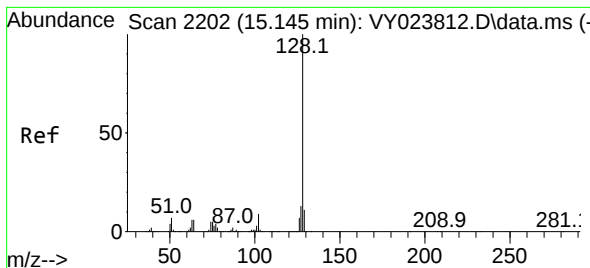
Ion Ratio Lower Upper

225 100

223 61.7 31.9 95.9

227 64.6 32.8 98.3





#95

Naphthalene

Concen: 49.140 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

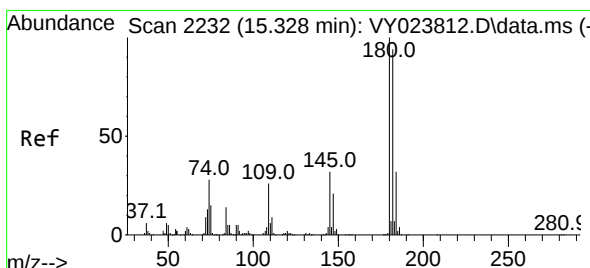
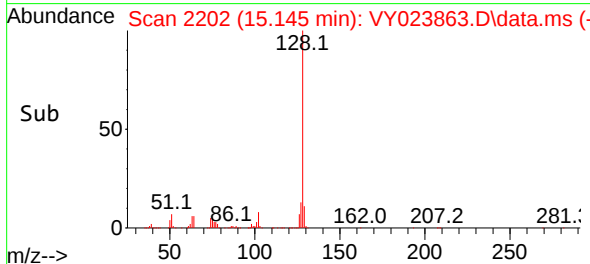
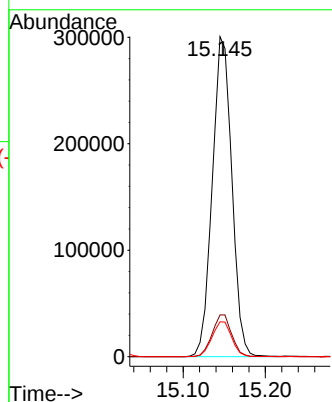
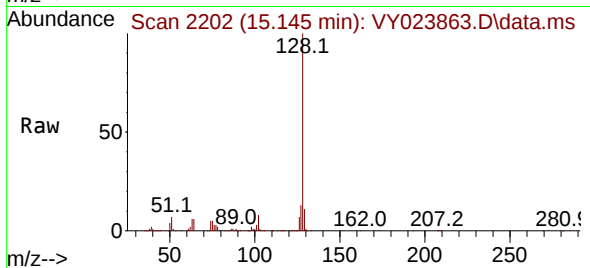
Tgt Ion:128 Resp: 496390

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.655 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Tgt Ion:180 Resp: 248200

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.2

145 32.3 16.5 49.5

