

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023877.D
 Acq On : 04 Dec 2025 07:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 01:40:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	520627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	774985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	669312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	343252	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	215547	41.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.780%
35) Dibromofluoromethane	7.640	113	215111	43.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.560%
50) Toluene-d8	10.109	98	838311	43.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.680%
62) 4-Bromofluorobenzene	12.408	95	276107	41.852	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.873	85	211017	53.586	ug/l	97
3) Chloromethane	2.080	50	304638	54.232	ug/l	99
4) Vinyl Chloride	2.214	62	351833	54.909	ug/l	97
5) Bromomethane	2.611	94	238894	51.636	ug/l	100
6) Chloroethane	2.745	64	232730	53.573	ug/l	97
7) Trichlorofluoromethane	3.068	101	491254	54.832	ug/l	96
8) Diethyl Ether	3.464	74	146950	54.749	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	294128	54.794	ug/l	99
10) Methyl Iodide	4.019	142	335298	56.023	ug/l	99
11) Tert butyl alcohol	4.872	59	84853	225.355	ug/l	98
12) 1,1-Dichloroethene	3.799	96	283782	56.581	ug/l	99
13) Acrolein	3.665	56	79658	244.993	ug/l	98
14) Allyl chloride	4.397	41	445292	55.530	ug/l	99
15) Acrylonitrile	5.074	53	314478	269.199	ug/l	99
16) Acetone	3.879	43	448600	287.447	ug/l	98
17) Carbon Disulfide	4.116	76	905639	61.114	ug/l	100
18) Methyl Acetate	4.397	43	138042	52.148	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	700987	55.639	ug/l	100
20) Methylene Chloride	4.628	84	295205	52.612	ug/l	99
21) trans-1,2-Dichloroethene	5.128	96	313295	56.616	ug/l	97
22) Diisopropyl ether	6.031	45	963636	54.578	ug/l	98
23) Vinyl Acetate	5.970	43	2754973	281.491	ug/l	99
24) 1,1-Dichloroethane	5.927	63	552981	54.206	ug/l	100
25) 2-Butanone	6.902	43	501714	266.677	ug/l	97
26) 2,2-Dichloropropane	6.896	77	495478	52.993	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	351394	54.687	ug/l	99
28) Bromochloromethane	7.256	49	199175	51.098	ug/l	97
29) Tetrahydrofuran	7.274	42	262549	269.841	ug/l	98
30) Chloroform	7.427	83	554015	53.743	ug/l	99
31) Cyclohexane	7.707	56	537182	55.074	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	506137	54.391	ug/l	100
36) 1,1-Dichloropropene	7.841	75	420560	57.381	ug/l	99
37) Ethyl Acetate	6.994	43	188689	55.752	ug/l	99
38) Carbon Tetrachloride	7.829	117	462623	57.191	ug/l	98
39) Methylcyclohexane	9.115	83	577156	60.497	ug/l	99
40) Benzene	8.085	78	1254718	56.637	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	85314	48.902	ug/l #	99
42) 1,2-Dichloroethane	8.164	62	322045	55.708	ug/l	100
43) Isopropyl Acetate	8.201	43	352879	55.727	ug/l	100
44) Trichloroethene	8.872	130	325334	57.074	ug/l	98
45) 1,2-Dichloropropane	9.146	63	292826	55.825	ug/l	97
46) Dibromomethane	9.237	93	158592	55.846	ug/l	99
47) Bromodichloromethane	9.426	83	420609	56.140	ug/l	98
48) Methyl methacrylate	9.225	41	174426	58.962	ug/l	99
49) 1,4-Dioxane	9.237	88	34894	1105.075	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	942551	283.071	ug/l	100
52) Toluene	10.176	92	804377	57.981	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	388307	57.425	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	458230	57.546	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	210981	55.037	ug/l	98
56) Ethyl methacrylate	10.445	69	285486	50.928	ug/l	98
57) 1,3-Dichloropropane	10.719	76	370859	56.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	619177	254.174	ug/l	100
59) 2-Hexanone	10.768	43	727755	289.793	ug/l	98
60) Dibromochloromethane	10.914	129	286675	55.771	ug/l	99
61) 1,2-Dibromoethane	11.018	107	198127	56.712	ug/l	99
64) Tetrachloroethene	10.652	164	375333	57.304	ug/l	98
65) Chlorobenzene	11.444	112	858119	56.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	290860	55.803	ug/l	99
67) Ethyl Benzene	11.524	91	1527916	57.853	ug/l	99
68) m/p-Xylenes	11.633	106	1181405	117.034	ug/l	100
69) o-Xylene	11.956	106	549633	58.213	ug/l	99
70) Styrene	11.975	104	904780	58.132	ug/l	99
71) Bromoform	12.139	173	170003	57.724	ug/l	98
73) Isopropylbenzene	12.261	105	1480390	58.537	ug/l	100
74) N-amyl acetate	12.072	43	312654	57.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	224207	54.949	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	318406	93.569	ug/l #	100
77) Bromobenzene	12.536	156	329883	56.165	ug/l	99
78) n-propylbenzene	12.597	91	1781166	58.367	ug/l	99
79) 2-Chlorotoluene	12.682	91	988035	57.008	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1206272	58.703	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	79108	55.679	ug/l	96
82) 4-Chlorotoluene	12.779	91	1009279	56.170	ug/l	99
83) tert-Butylbenzene	12.999	119	1097255	59.230	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	1180828	58.005	ug/l	98
85) sec-Butylbenzene	13.176	105	1607031	58.316	ug/l	100
86) p-Isopropyltoluene	13.298	119	1349042	59.125	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	662153	55.958	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	647341	55.784	ug/l	99
89) n-Butylbenzene	13.621	91	1244947	58.951	ug/l	100
90) Hexachloroethane	13.883	117	267978	55.984	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	575610	55.927	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	35016	54.579	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	334113	54.754	ug/l	100
94) Hexachlorobutadiene	15.029	225	216238	56.482	ug/l	98
95) Naphthalene	15.151	128	559736	55.660	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	280732	53.912	ug/l	98

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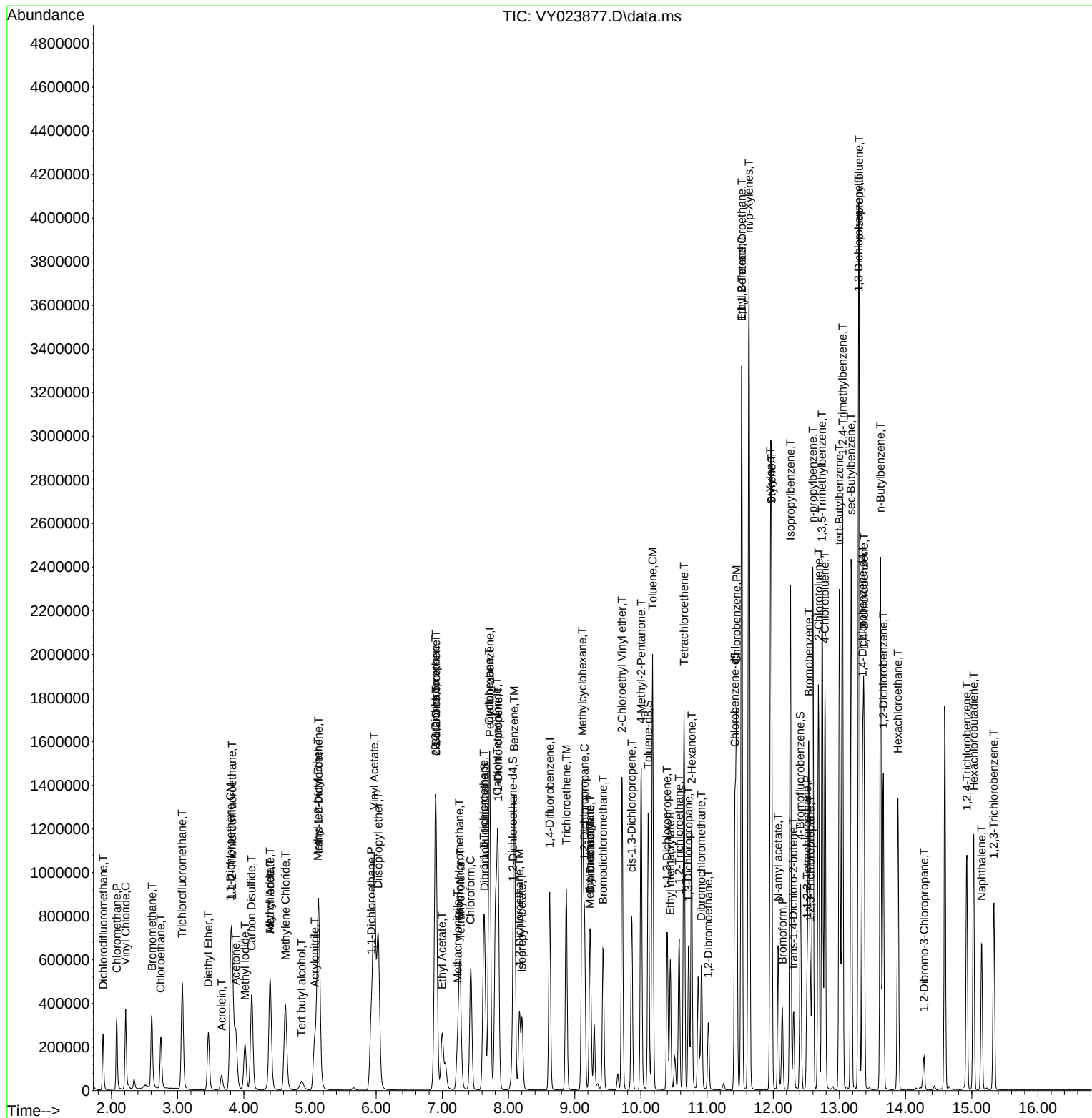
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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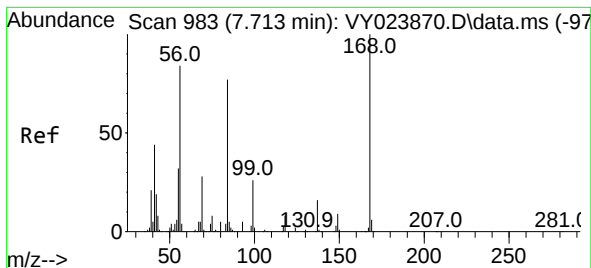
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY023877.D

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Instrument :

MSVOA_Y

ClientSampleId :

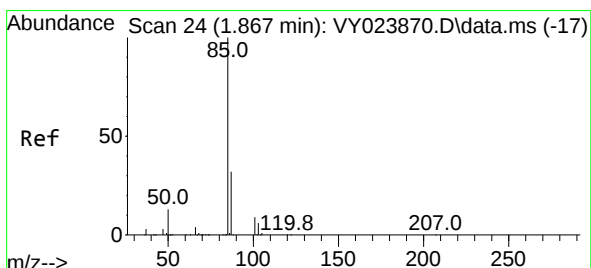
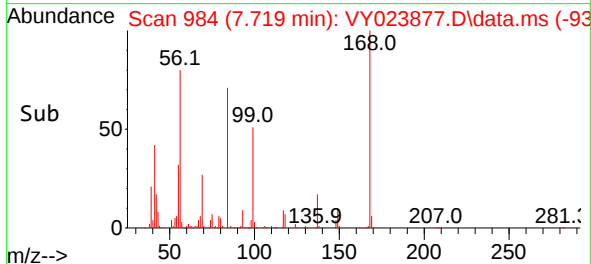
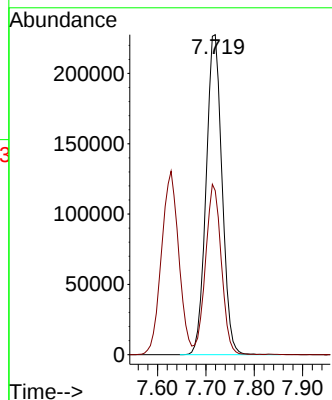
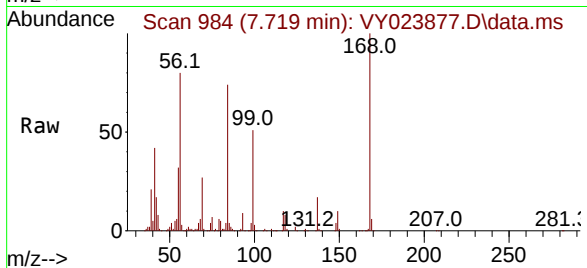
VSTDCCC050

Tgt Ion:168 Resp: 520627

Ion Ratio Lower Upper

168 100

99 51.2 42.5 63.7



#2

Dichlorodifluoromethane

Concen: 53.586 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.006 min

Lab File: VY023877.D

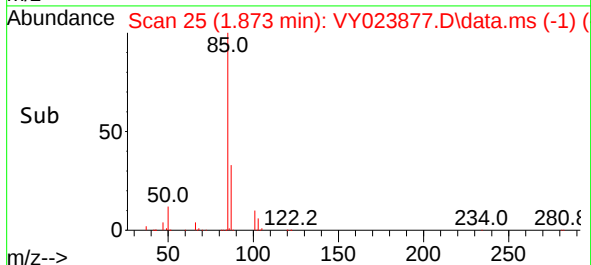
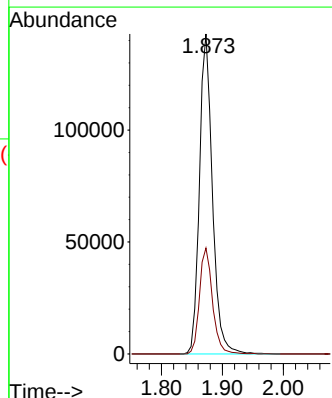
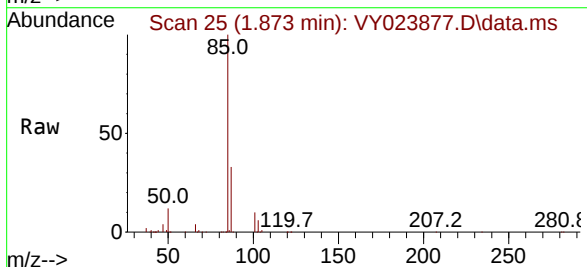
Acq: 04 Dec 2025 07:31

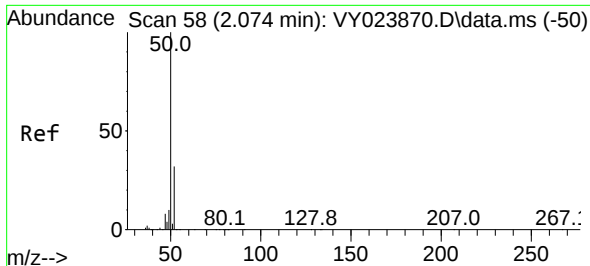
Tgt Ion: 85 Resp: 211017

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.6

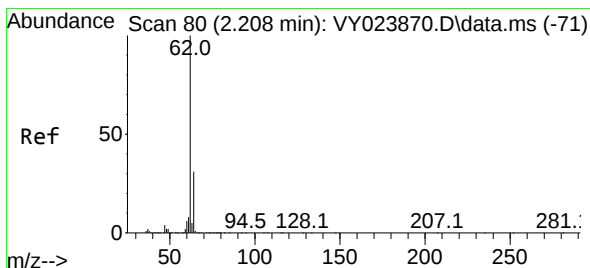
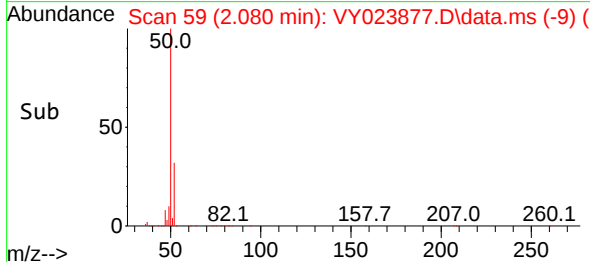
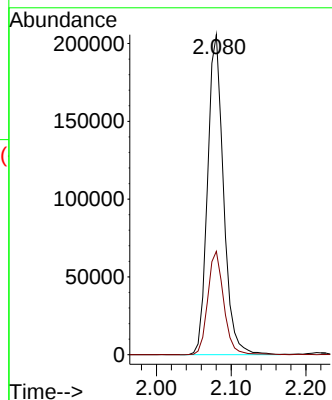
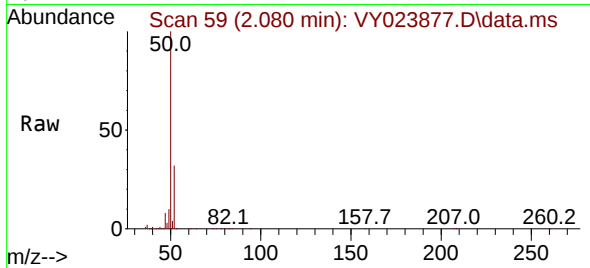




#3
Chloromethane
Concen: 54.232 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

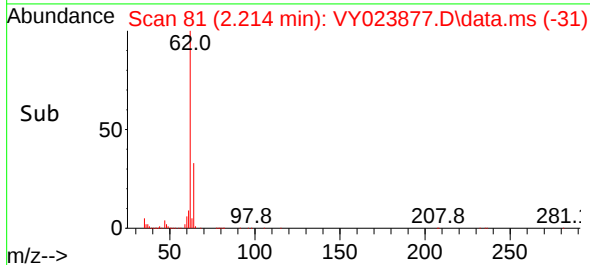
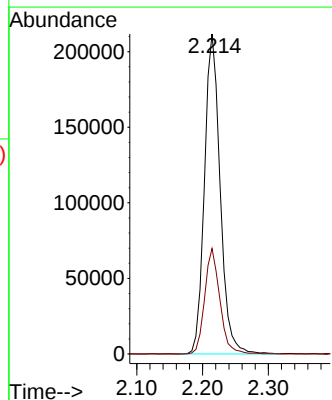
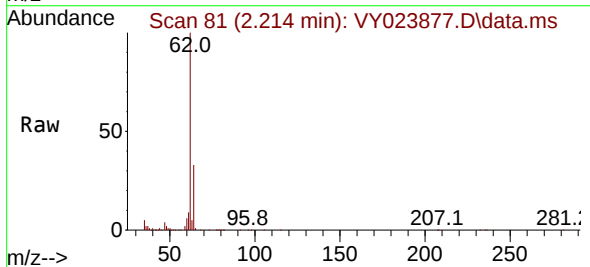
Instrument :
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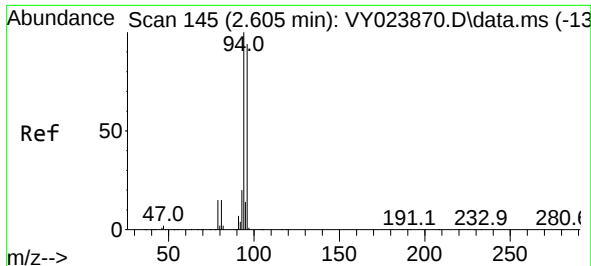
Tgt Ion: 50 Resp: 304638
Ion Ratio Lower Upper
50 100
52 32.3 25.2 37.8



#4
Vinyl Chloride
Concen: 54.909 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 62 Resp: 351833
Ion Ratio Lower Upper
62 100
64 32.9 25.1 37.7

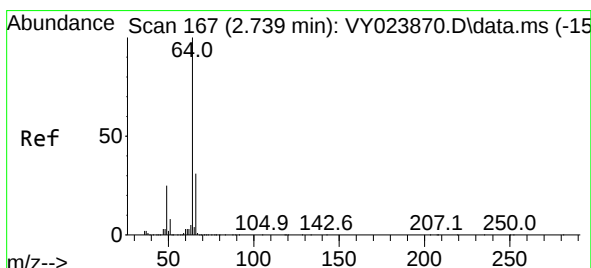
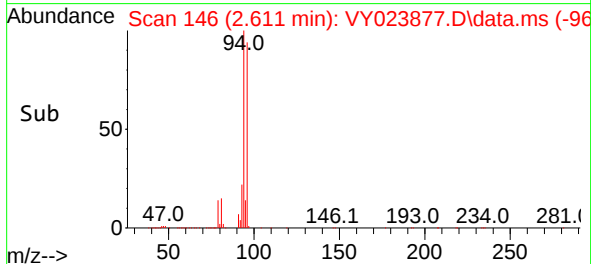
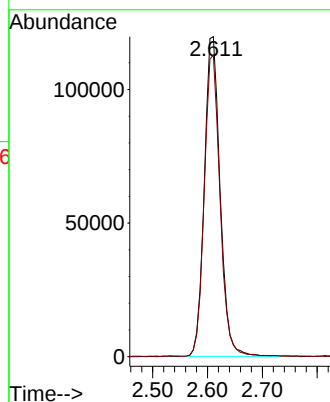
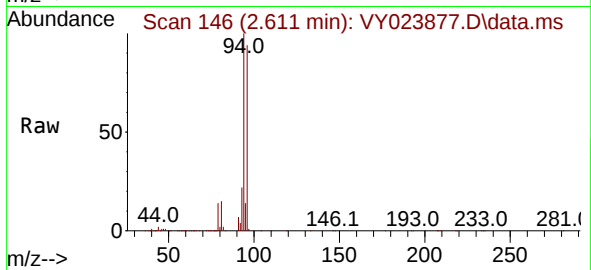




#5
Bromomethane
Concen: 51.636 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY023877.D
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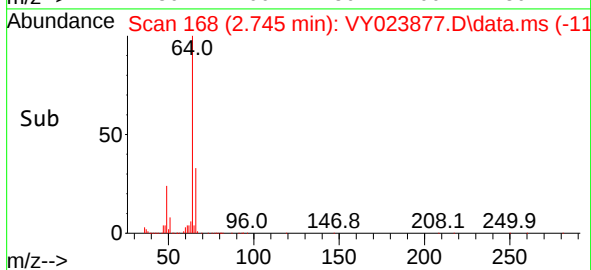
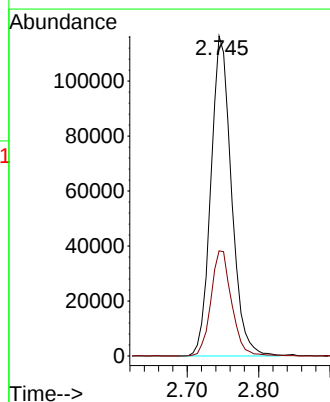
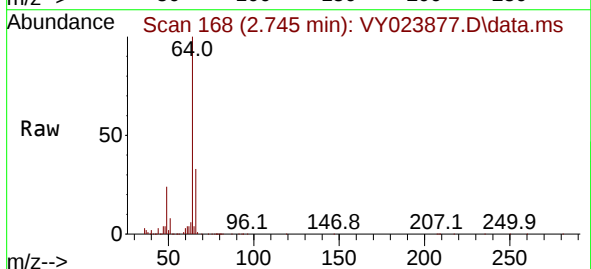
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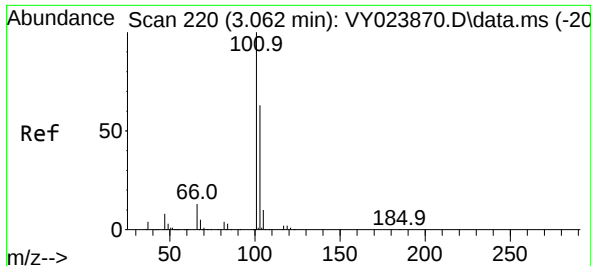
Tgt Ion: 94 Resp: 238894
Ion Ratio Lower Upper
94 100
96 94.2 75.2 112.8



#6
Chloroethane
Concen: 53.573 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 64 Resp: 232730
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2

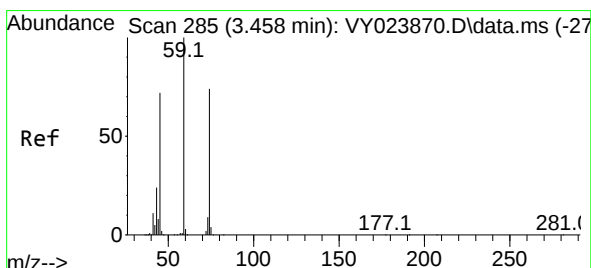
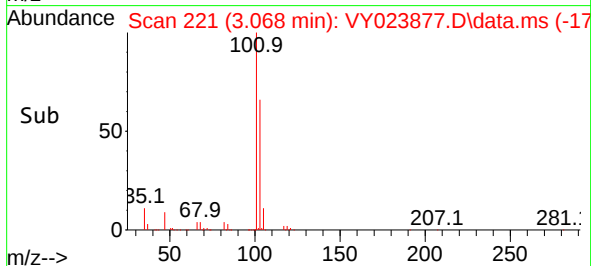
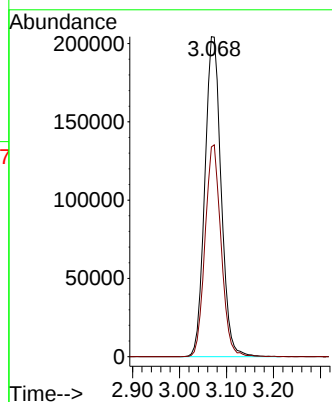
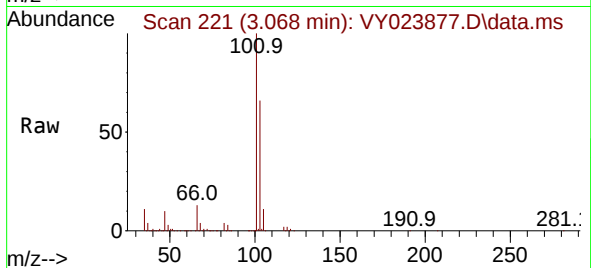




#7
Trichlorofluoromethane
Concen: 54.832 ug/l
RT: 3.068 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

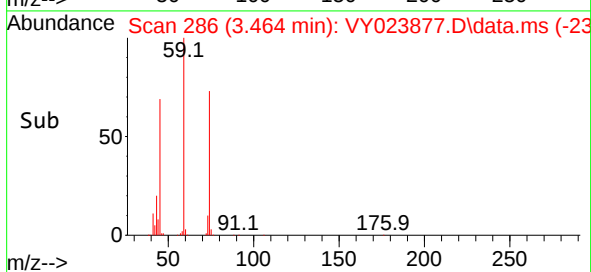
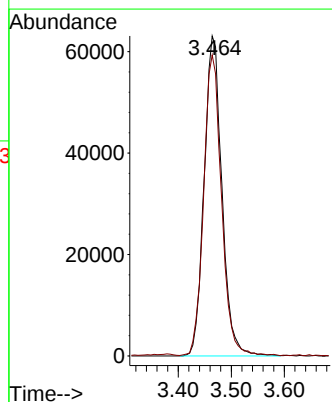
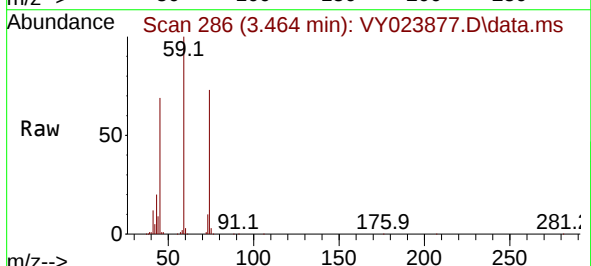
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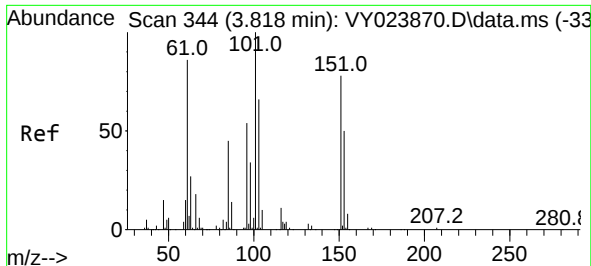
Tgt Ion:101 Resp: 491254
Ion Ratio Lower Upper
101 100
103 65.6 50.2 75.2



#8
Diethyl Ether
Concen: 54.749 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 146950
Ion Ratio Lower Upper
74 100
45 94.3 48.4 145.3

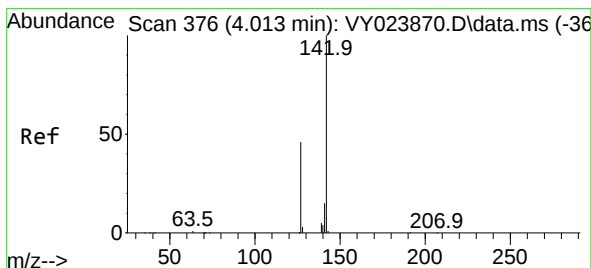
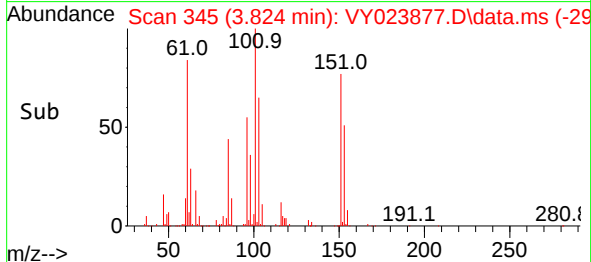
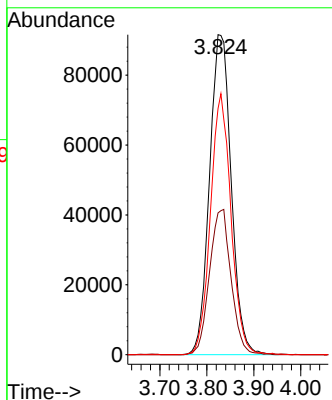
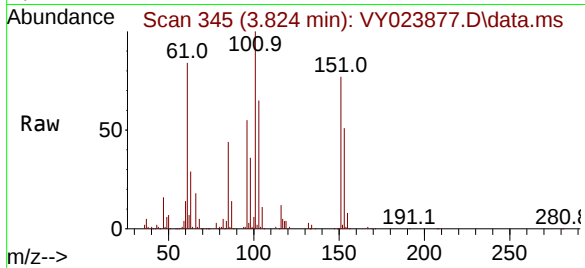




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.794 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

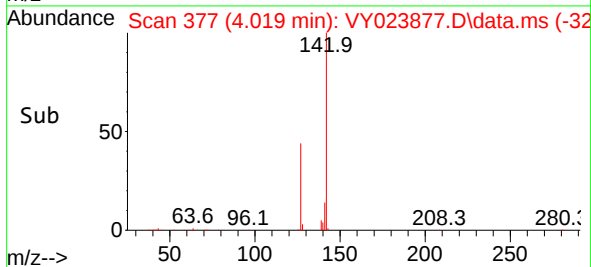
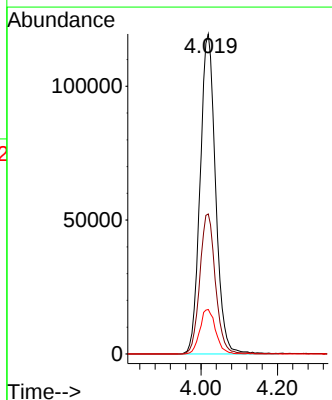
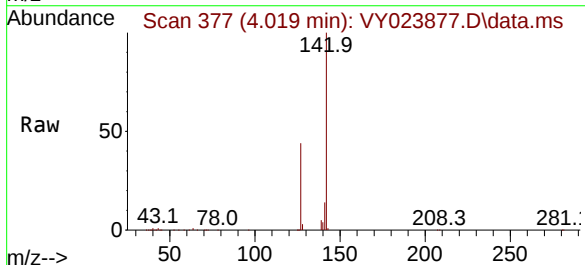
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

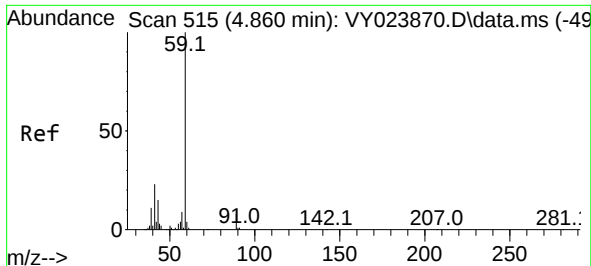
Tgt Ion:101 Resp: 294128
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.8
151 77.3 63.4 95.0



#10
Methyl Iodide
Concen: 56.023 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion:142 Resp: 335298
Ion Ratio Lower Upper
142 100
127 44.2 36.1 54.1
141 14.2 11.8 17.8

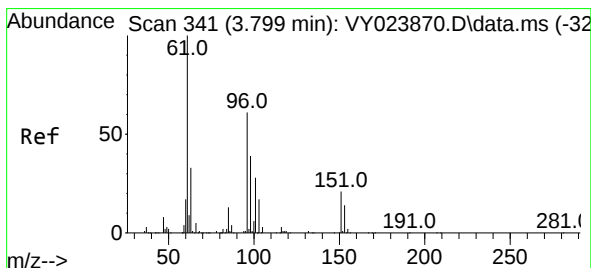
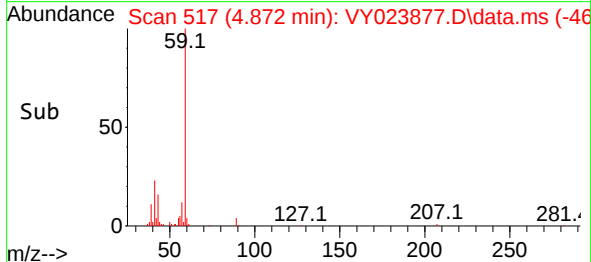
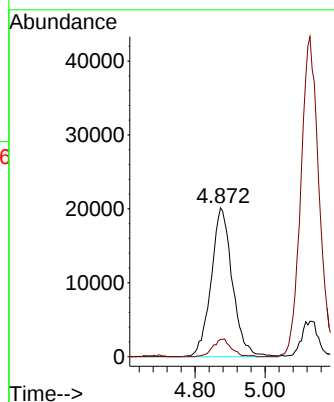
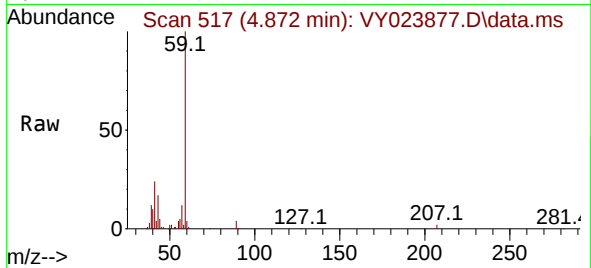




#11
Tert butyl alcohol
Concen: 225.355 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

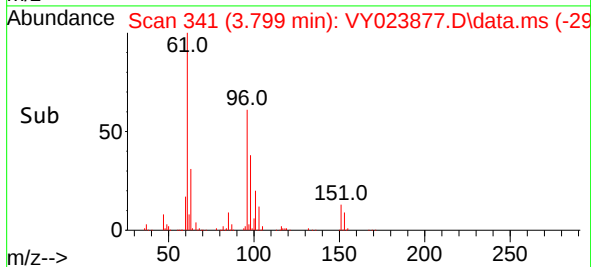
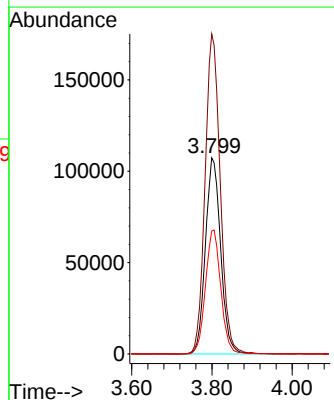
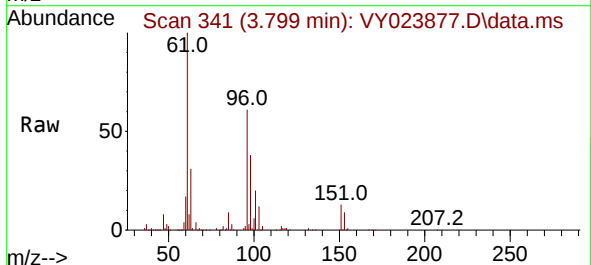
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

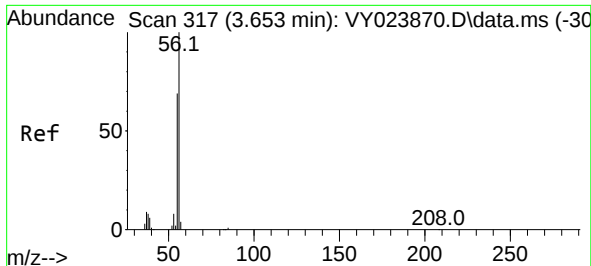
Tgt Ion: 59 Resp: 84853
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 56.581 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 96 Resp: 283782
Ion Ratio Lower Upper
96 100
61 163.2 131.2 196.8
98 62.7 51.3 76.9

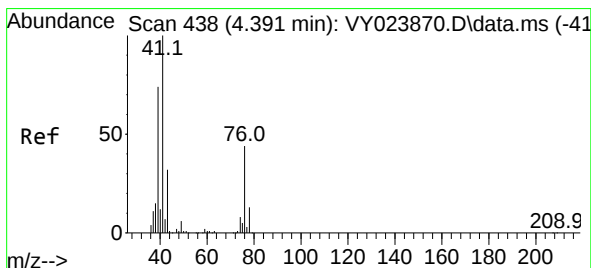
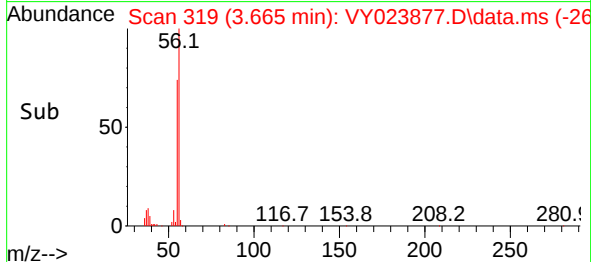
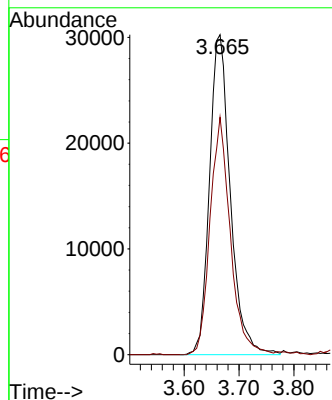
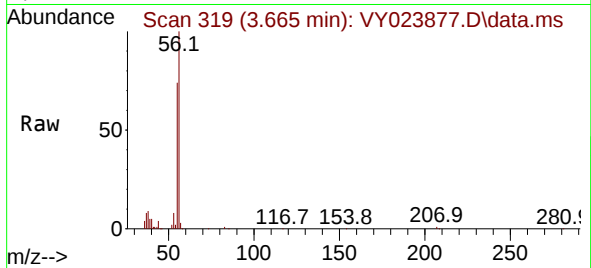




#13
Acrolein
Concen: 244.993 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

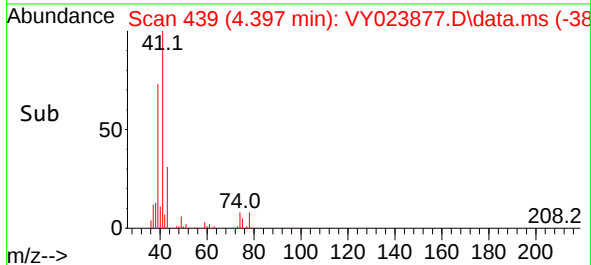
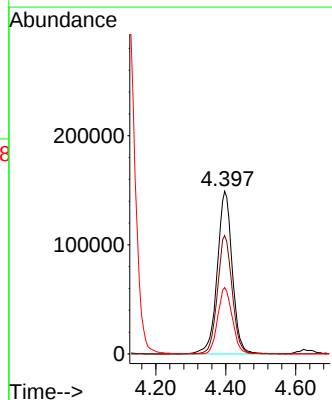
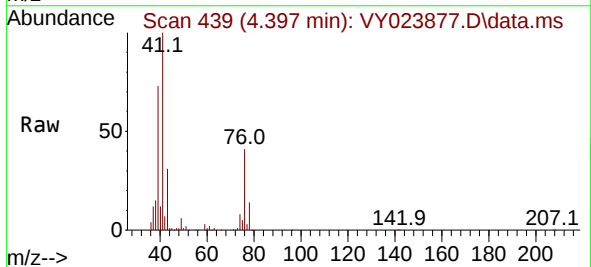
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

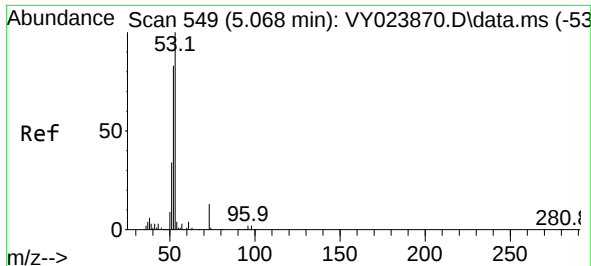
Tgt Ion: 56 Resp: 79658
Ion Ratio Lower Upper
56 100
55 72.3 59.0 88.6



#14
Allyl chloride
Concen: 55.530 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 41 Resp: 445292
Ion Ratio Lower Upper
41 100
39 71.3 57.4 86.0
76 39.1 30.8 46.2

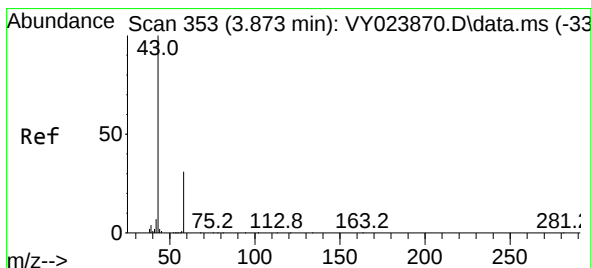
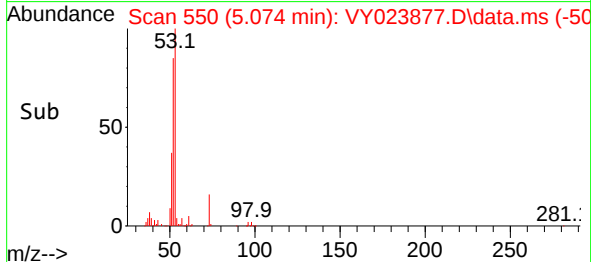
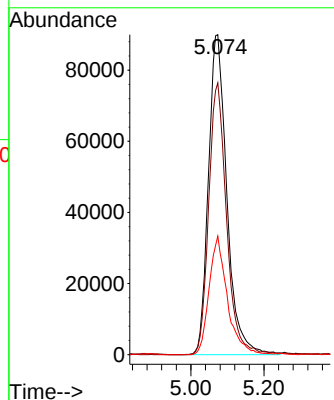
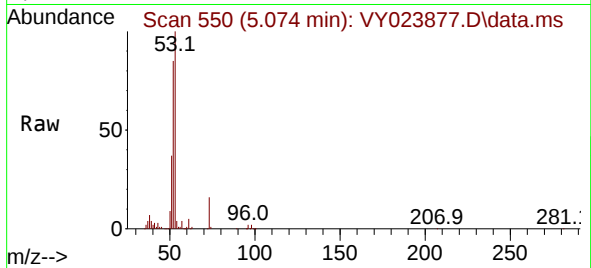




#15
Acrylonitrile
Concen: 269.199 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

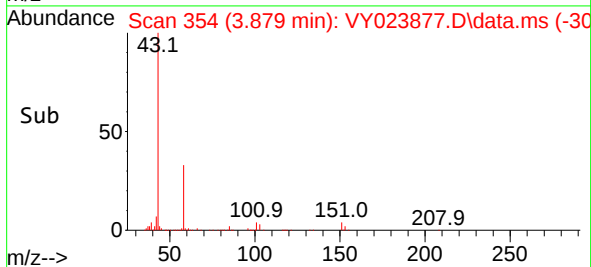
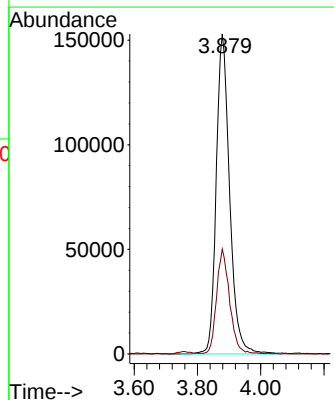
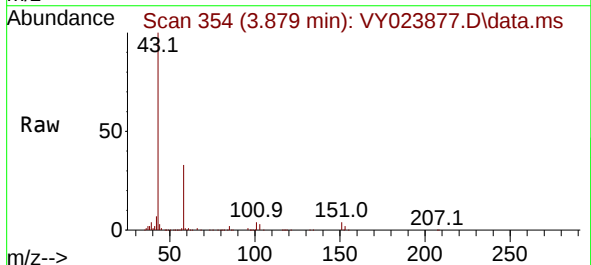
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

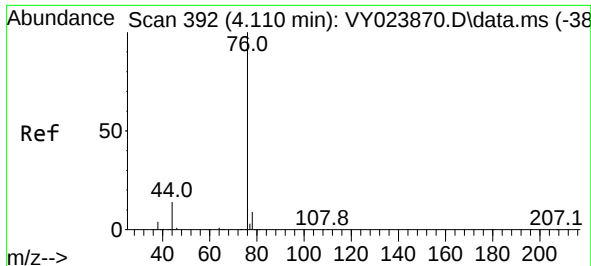
Tgt Ion: 53 Resp: 314478
Ion Ratio Lower Upper
53 100
52 82.5 65.1 97.7
51 36.7 29.5 44.3



#16
Acetone
Concen: 287.447 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 43 Resp: 448600
Ion Ratio Lower Upper
43 100
58 32.8 25.1 37.7

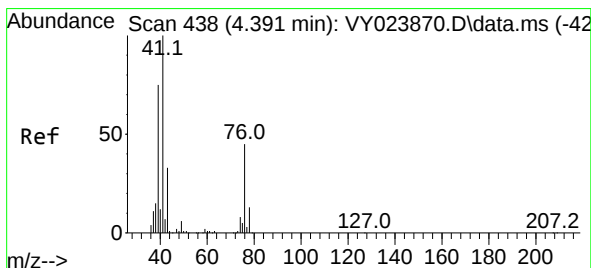
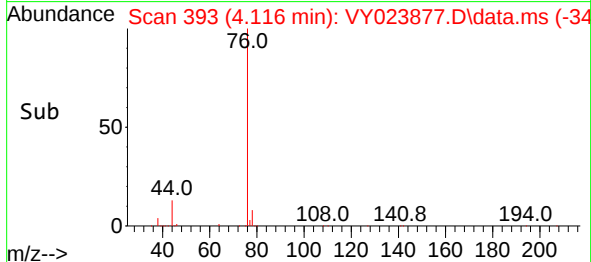
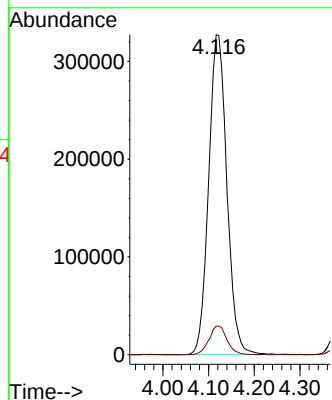
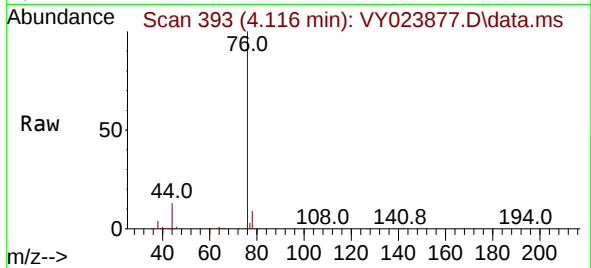




#17
Carbon Disulfide
Concen: 61.114 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

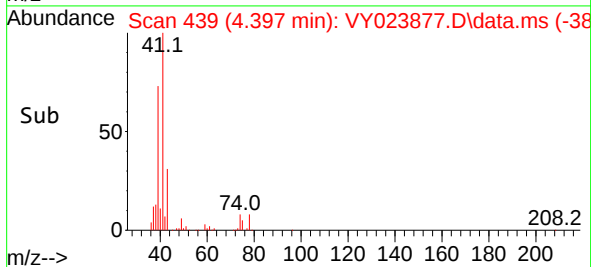
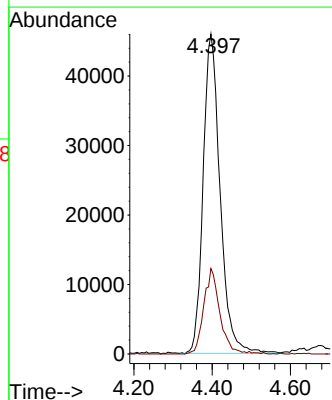
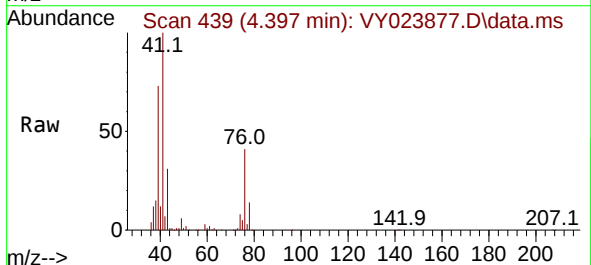
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

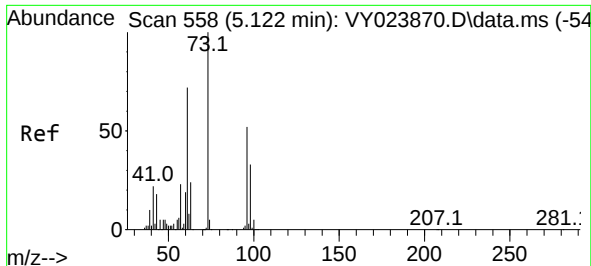
Tgt Ion: 76 Resp: 905639
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 52.148 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 43 Resp: 138042
Ion Ratio Lower Upper
43 100
74 25.2 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 55.639 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

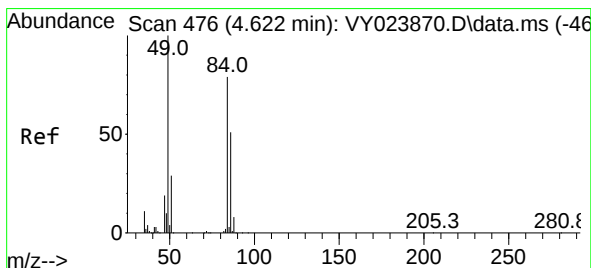
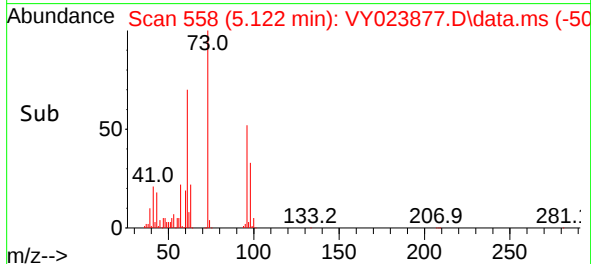
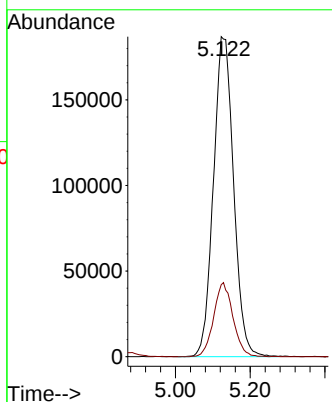
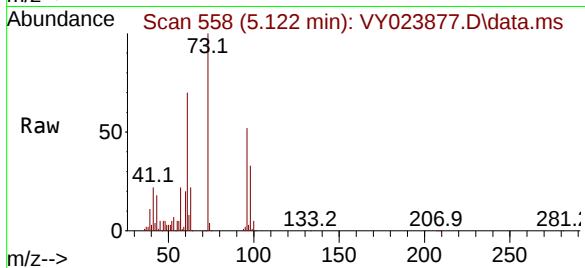
VSTDCCC050

Tgt Ion: 73 Resp: 700987

Ion Ratio Lower Upper

73 100

57 22.5 18.2 27.2



#20

Methylene Chloride

Concen: 52.612 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Tgt Ion: 84 Resp: 295205

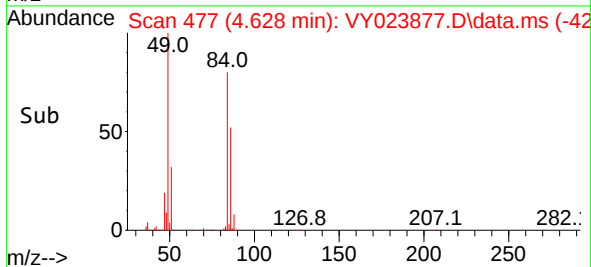
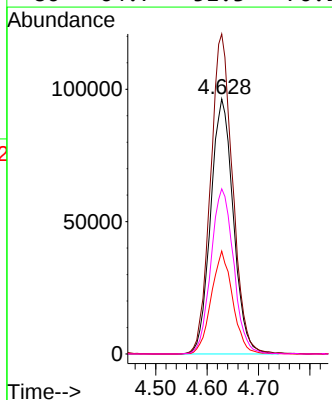
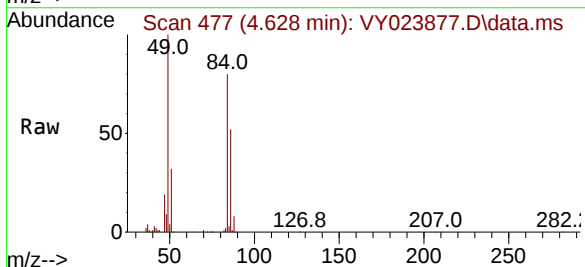
Ion Ratio Lower Upper

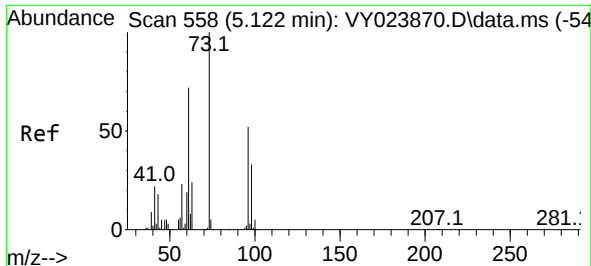
84 100

49 125.5 100.6 151.0

51 40.4 29.0 43.6

86 64.7 51.3 76.9

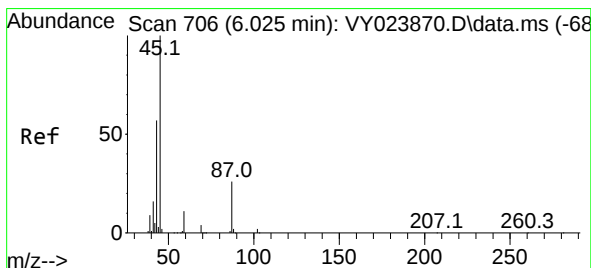
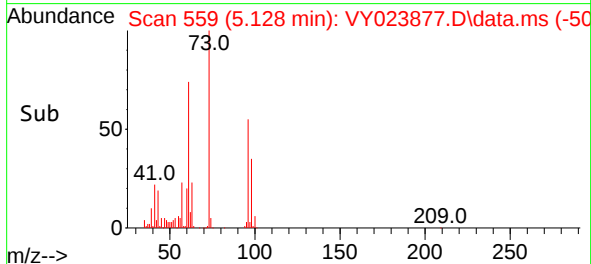
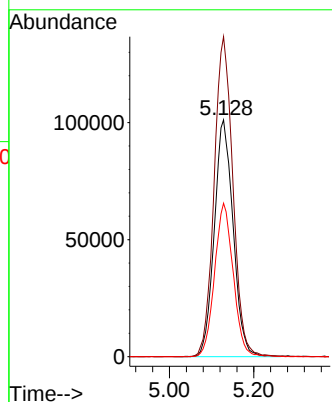
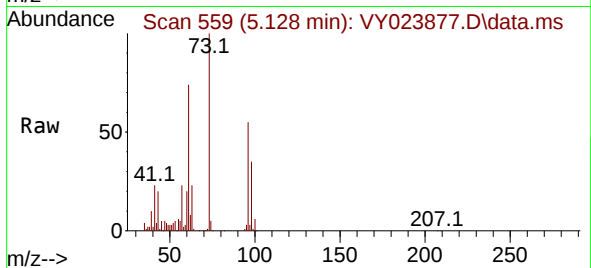




#21
trans-1,2-Dichloroethene
Concen: 56.616 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

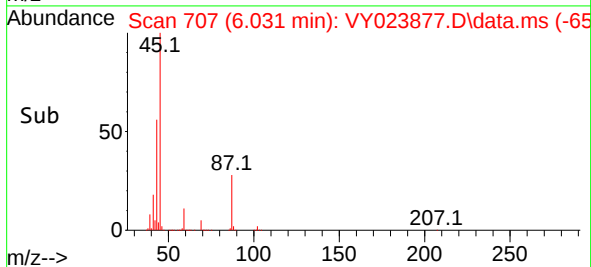
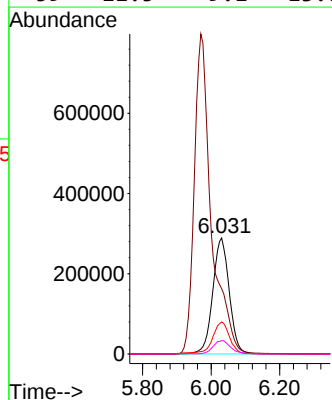
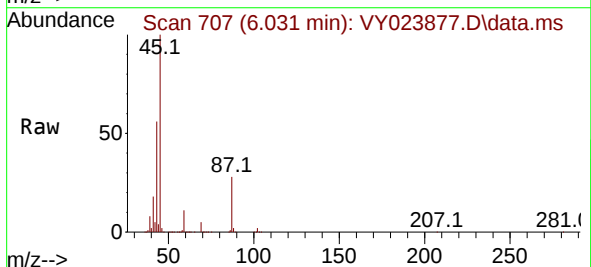
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

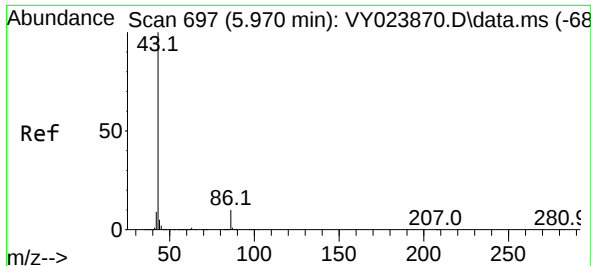
Tgt Ion: 96 Resp: 313295
Ion Ratio Lower Upper
96 100
61 135.1 111.7 167.5
98 64.8 51.5 77.3



#22
Diisopropyl ether
Concen: 54.578 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 45 Resp: 963636
Ion Ratio Lower Upper
45 100
43 56.0 45.5 68.3
87 27.5 20.7 31.1
59 11.5 9.1 13.7

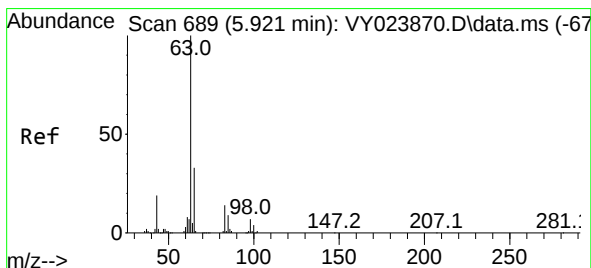
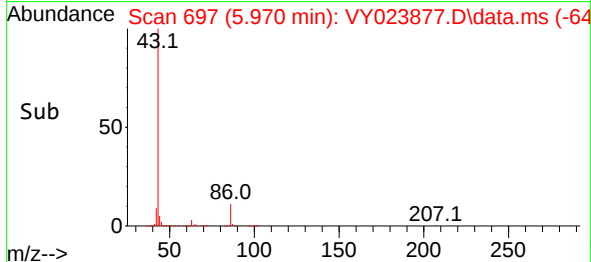
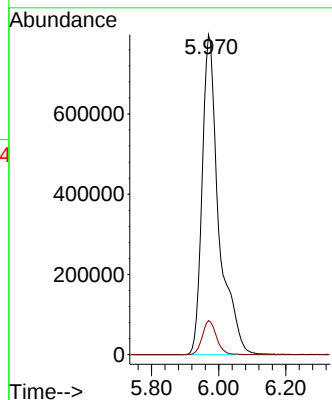
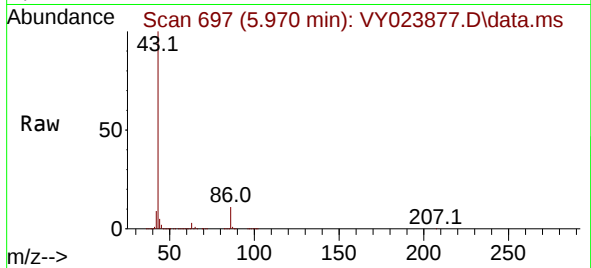




#23
 Vinyl Acetate
 Concen: 281.491 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY023877.D
 Acq: 04 Dec 2025 07:31

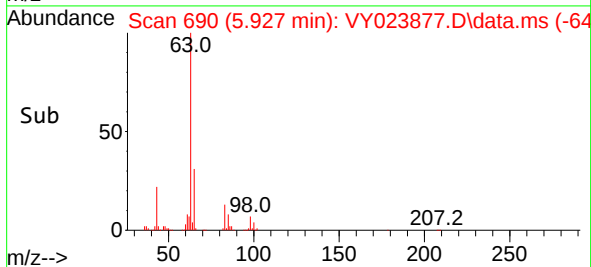
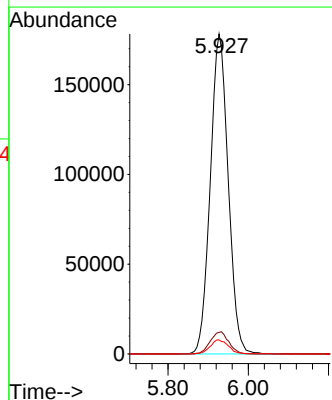
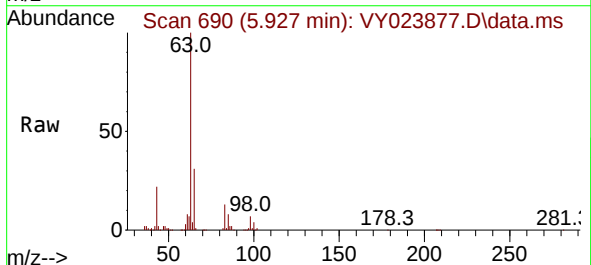
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

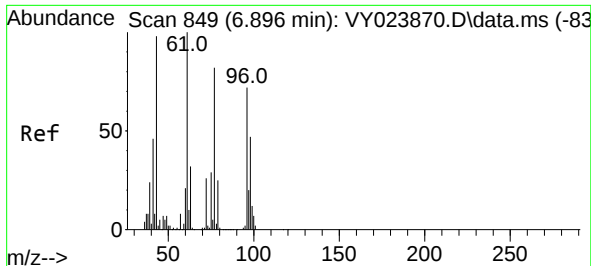
Tgt Ion: 43 Resp: 2754973
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 54.206 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY023877.D
 Acq: 04 Dec 2025 07:31

Tgt Ion: 63 Resp: 552981
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.4 2.2 6.6

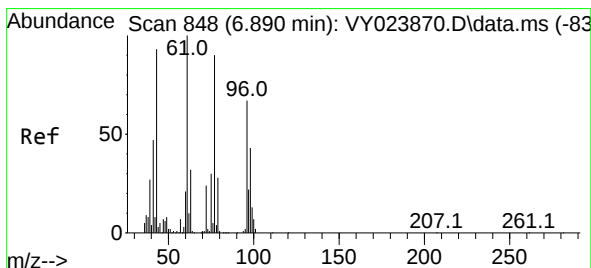
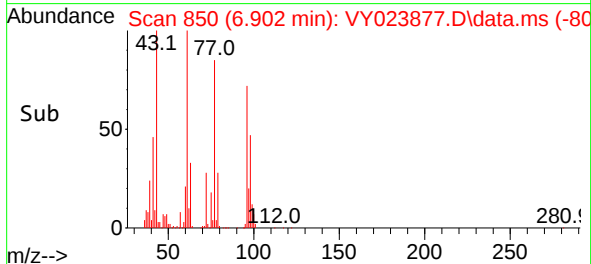
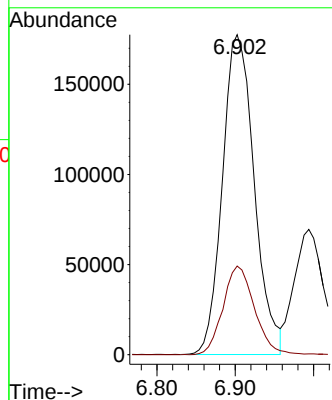
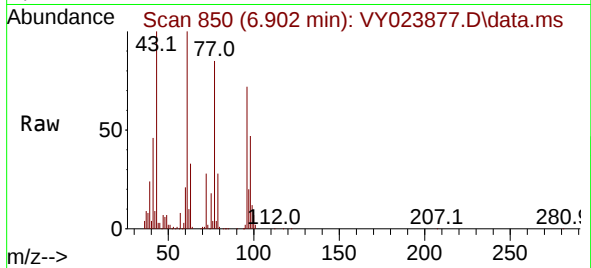




#25
2-Butanone
Concen: 266.677 ug/l
RT: 6.902 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

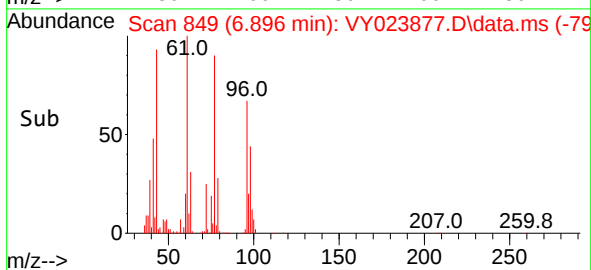
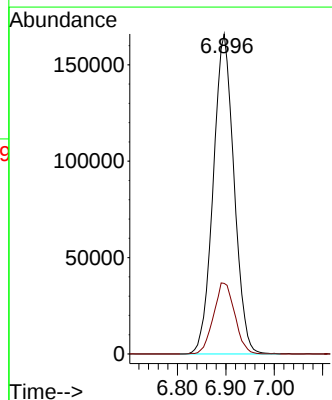
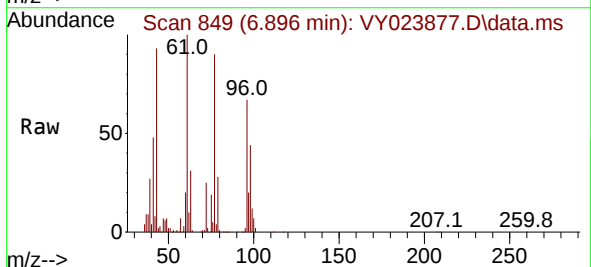
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

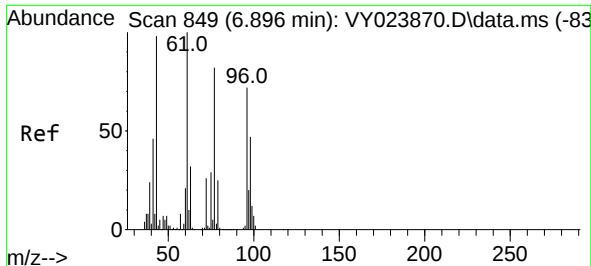
Tgt Ion: 43 Resp: 501714
Ion Ratio Lower Upper
43 100
72 27.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 52.993 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 77 Resp: 495478
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 54.687 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

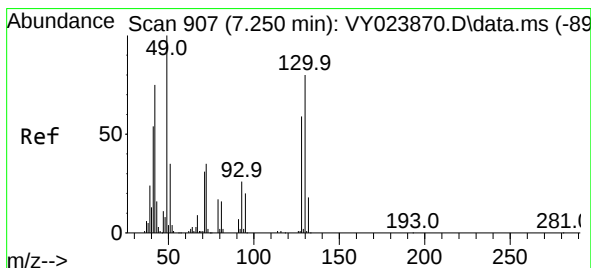
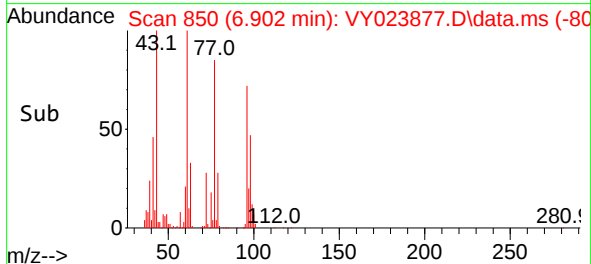
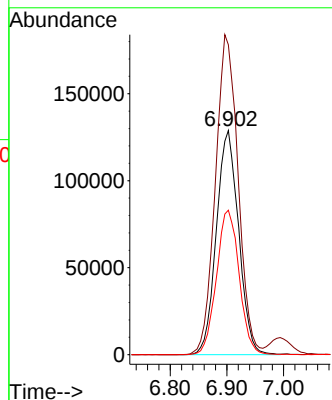
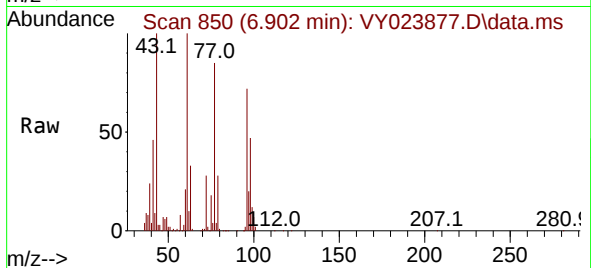
Tgt Ion: 96 Resp: 351394

Ion Ratio Lower Upper

96 100

61 145.7 0.0 292.8

98 65.8 0.0 128.4



#28

Bromochloromethane

Concen: 51.098 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

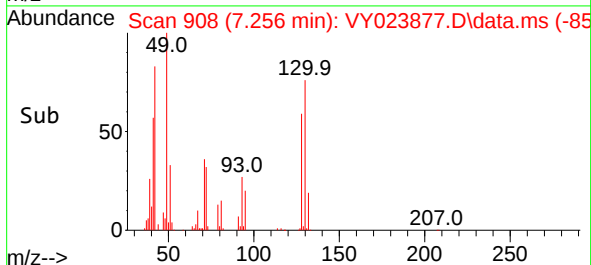
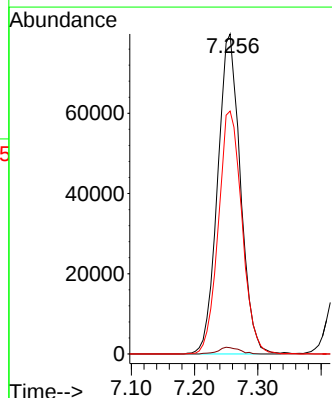
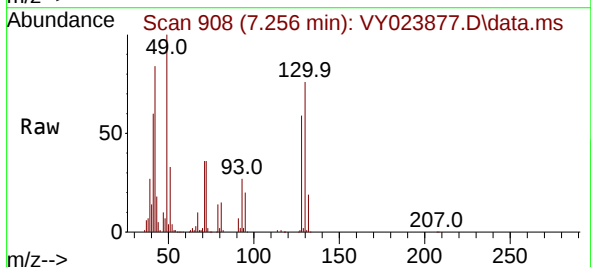
Tgt Ion: 49 Resp: 199175

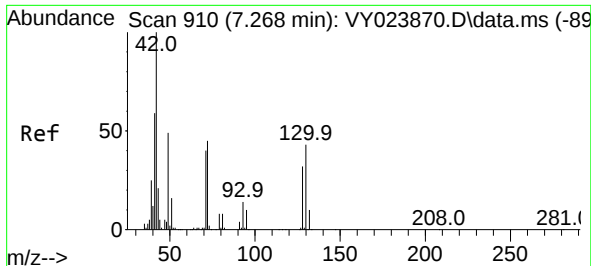
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 78.6 61.0 91.6





#29

Tetrahydrofuran

Concen: 269.841 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

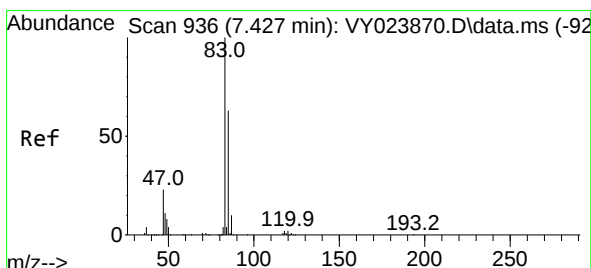
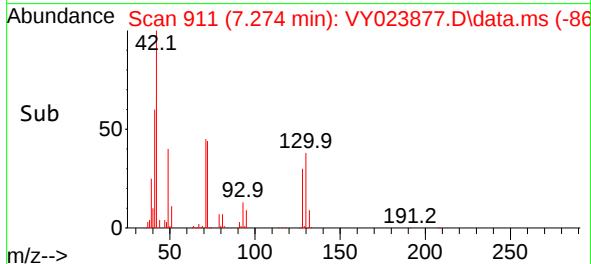
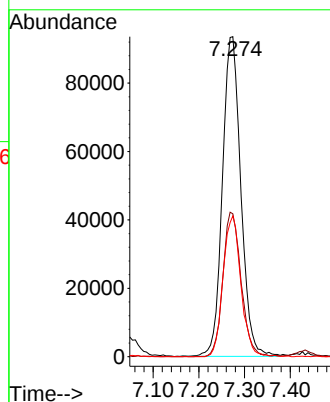
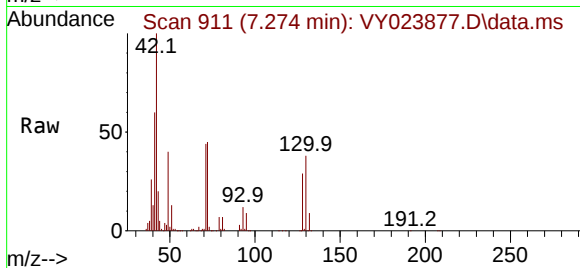
Tgt Ion: 42 Resp: 262549

Ion Ratio Lower Upper

42 100

72 44.5 35.6 53.4

71 42.6 32.5 48.7



#30

Chloroform

Concen: 53.743 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023877.D

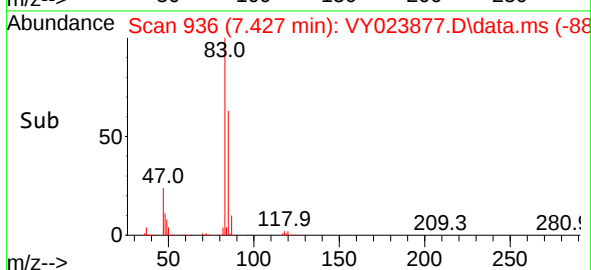
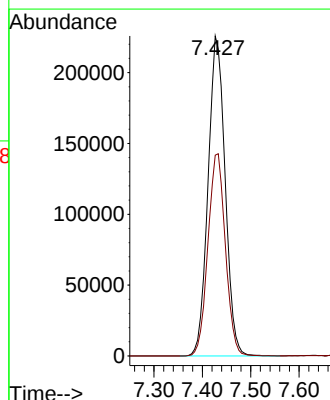
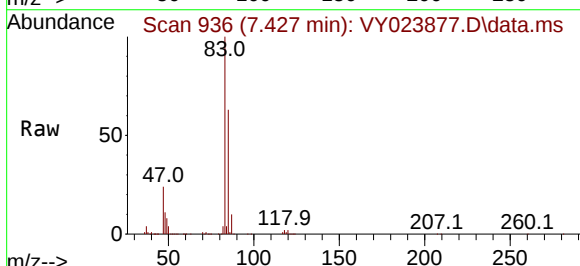
Acq: 04 Dec 2025 07:31

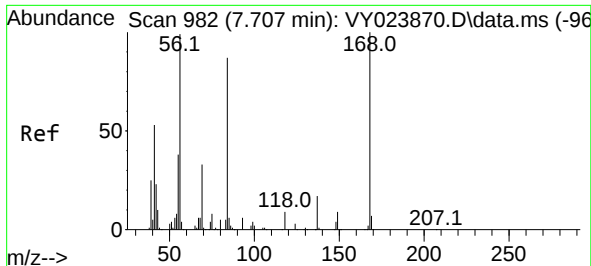
Tgt Ion: 83 Resp: 554015

Ion Ratio Lower Upper

83 100

85 62.8 50.6 76.0

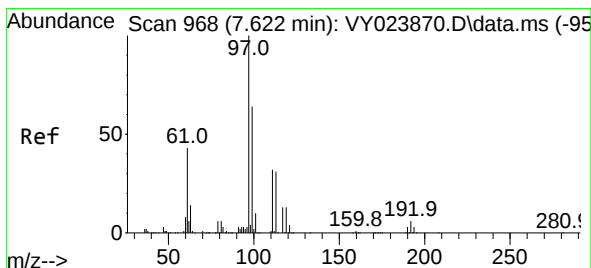
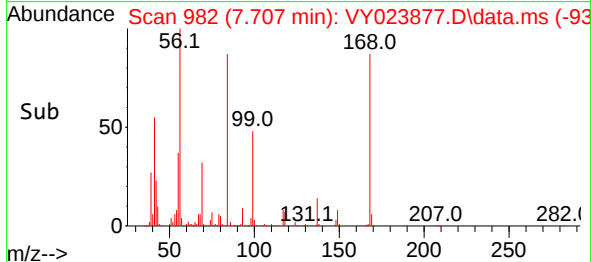
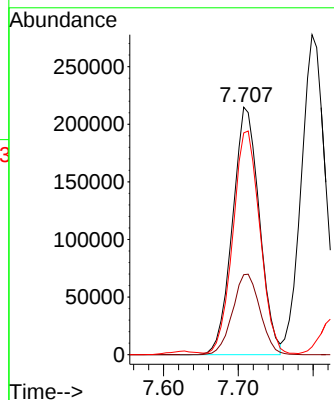
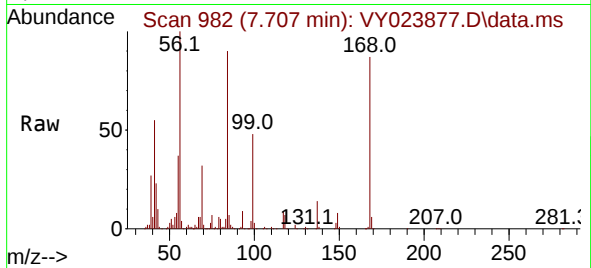




#31
Cyclohexane
Concen: 55.074 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

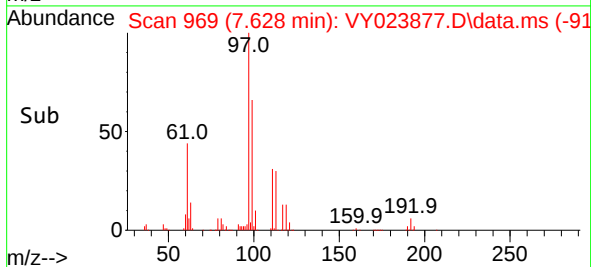
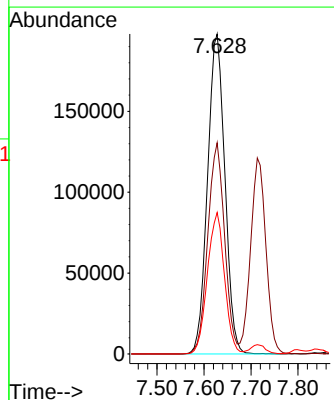
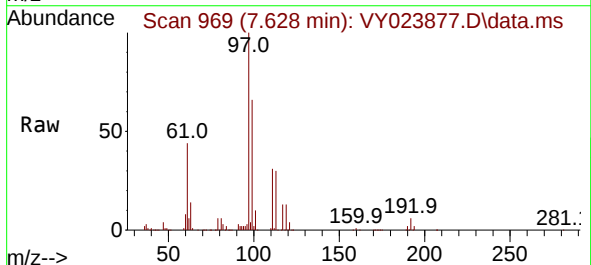
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

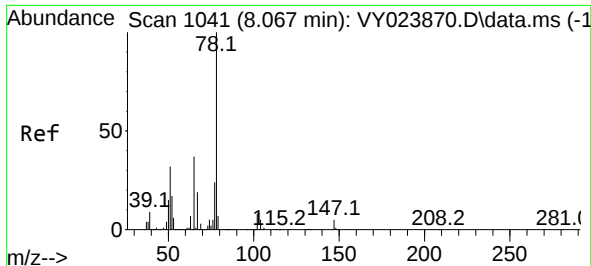
Tgt Ion: 56 Resp: 537182
Ion Ratio Lower Upper
56 100
69 32.3 26.8 40.2
84 88.2 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 54.391 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 97 Resp: 506137
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 43.7 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 41.386 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

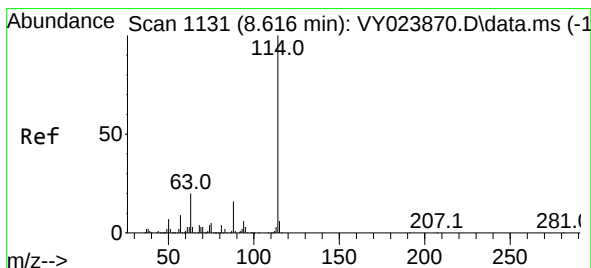
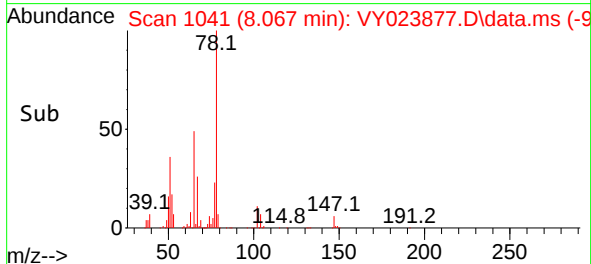
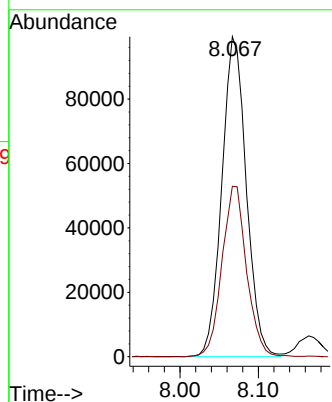
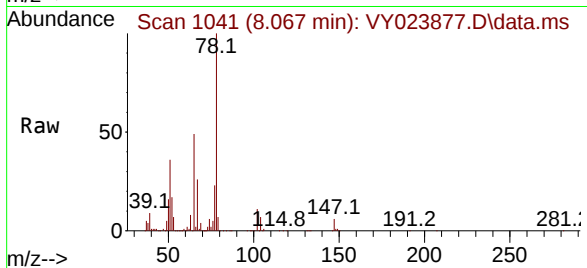
VSTDCCC050

Tgt Ion: 65 Resp: 215547

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

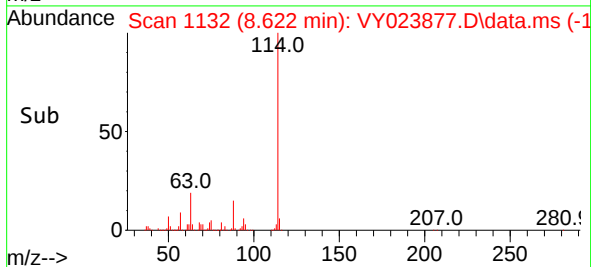
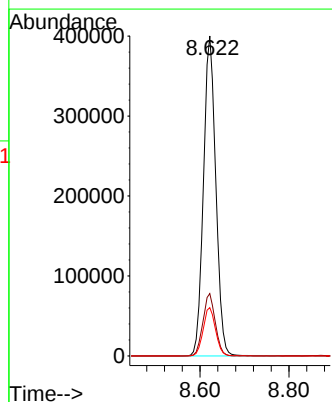
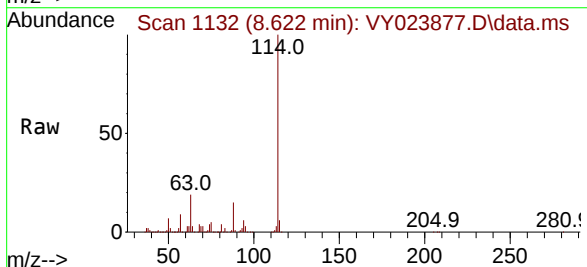
Tgt Ion: 114 Resp: 774985

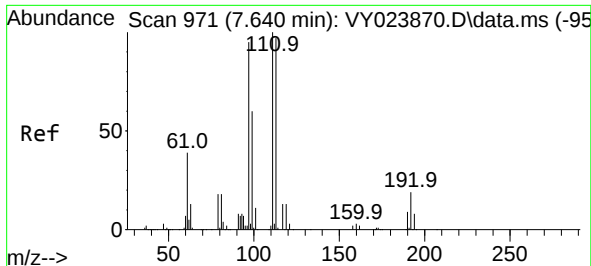
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.1 0.0 31.4

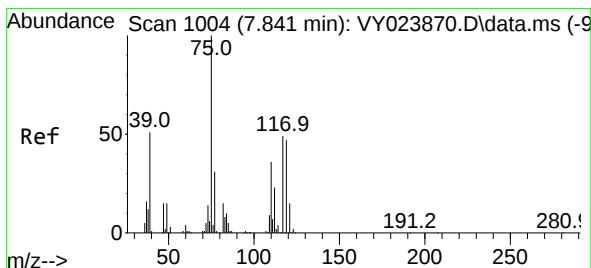
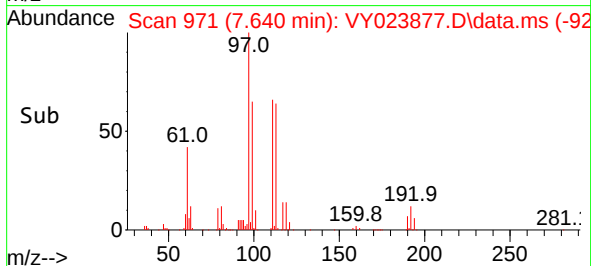
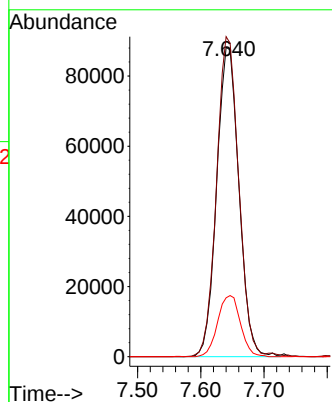
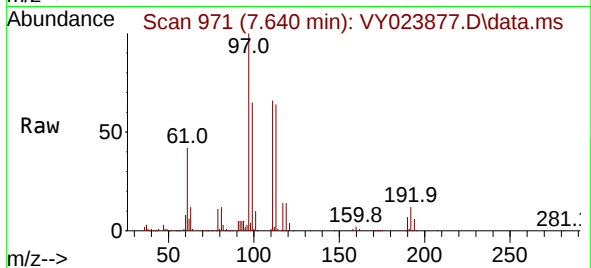




#35
Dibromofluoromethane
Concen: 43.277 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

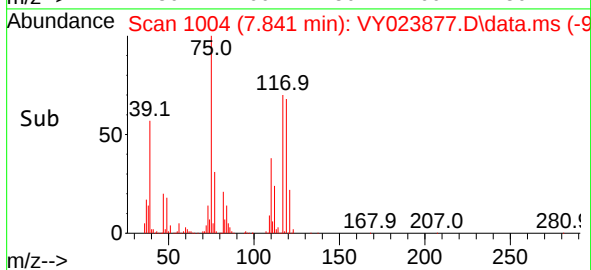
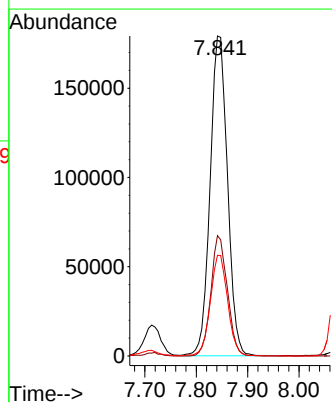
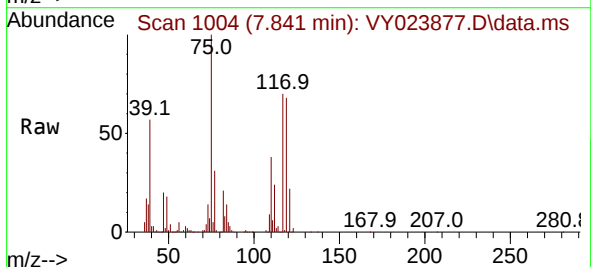
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

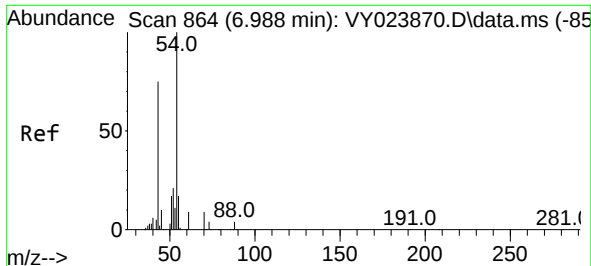
Tgt Ion:113 Resp: 215111
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.2 15.8 23.8



#36
1,1-Dichloropropene
Concen: 57.381 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 75 Resp: 420560
Ion Ratio Lower Upper
75 100
110 35.7 17.6 52.9
77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 55.752 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

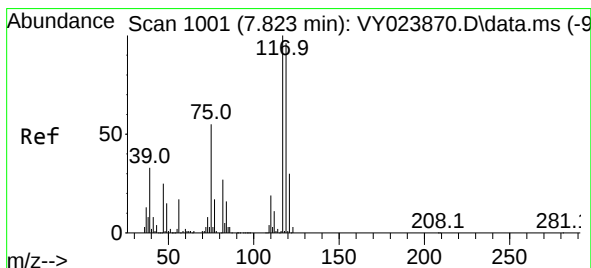
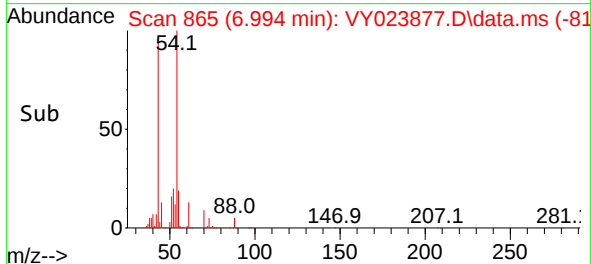
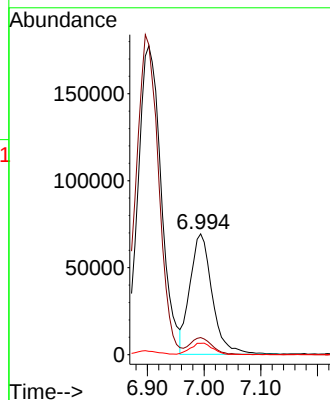
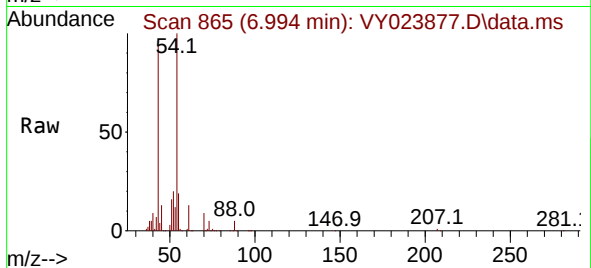
Tgt Ion: 43 Resp: 188689

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.4

70 9.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 57.191 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

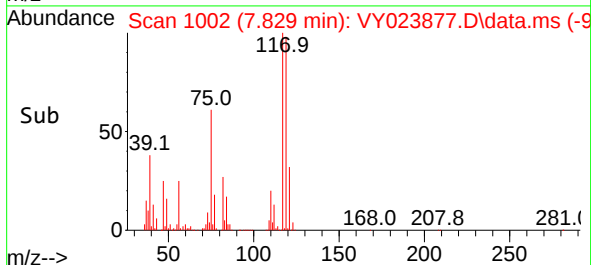
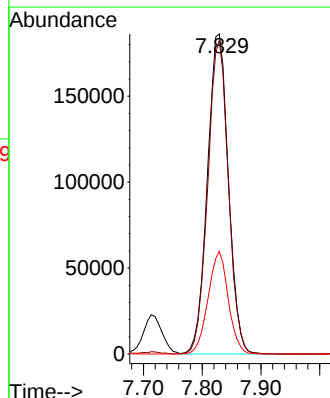
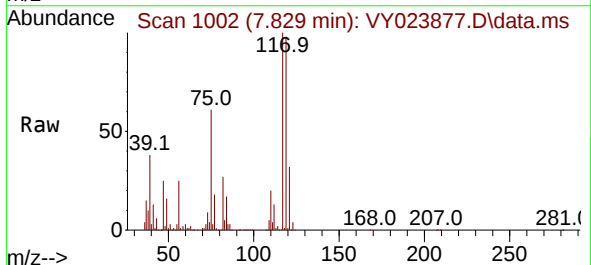
Tgt Ion: 117 Resp: 462623

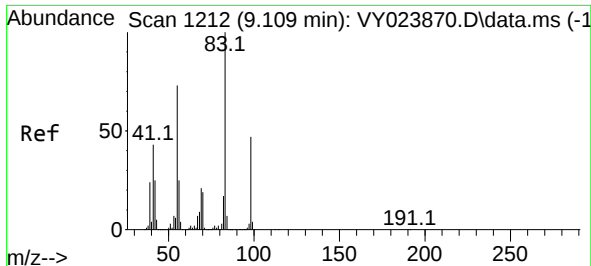
Ion Ratio Lower Upper

117 100

119 97.9 77.0 115.6

121 32.0 23.9 35.9





#39

Methylcyclohexane

Concen: 60.497 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

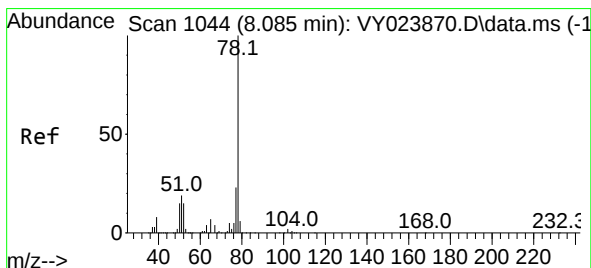
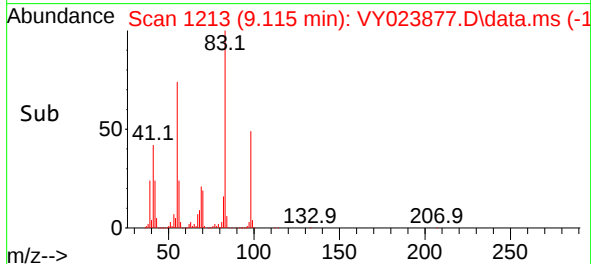
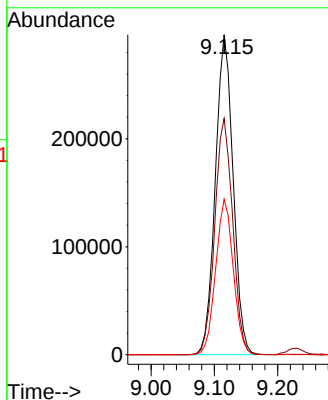
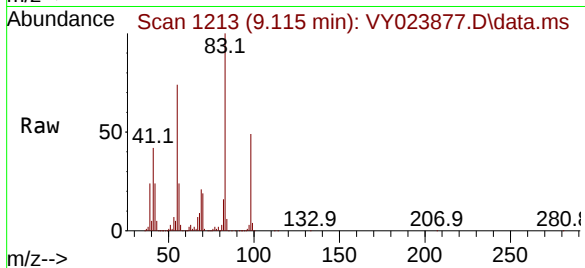
Tgt Ion: 83 Resp: 577156

Ion Ratio Lower Upper

83 100

55 73.8 58.8 88.2

98 48.6 37.8 56.6



#40

Benzene

Concen: 56.637 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023877.D

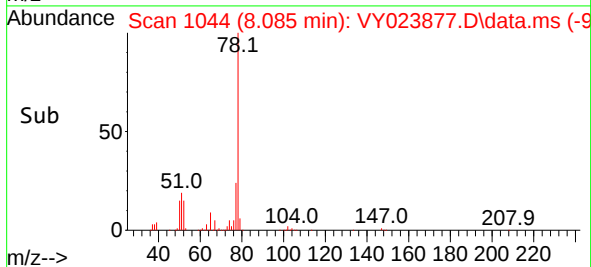
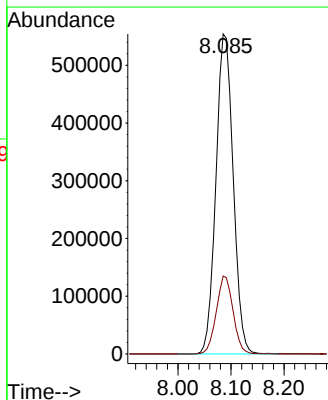
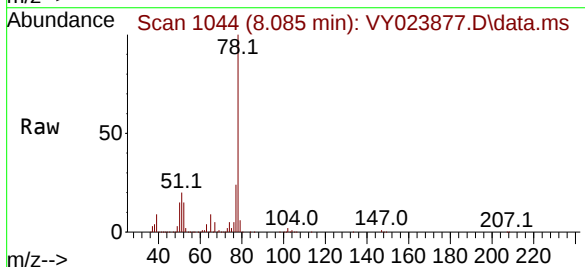
Acq: 04 Dec 2025 07:31

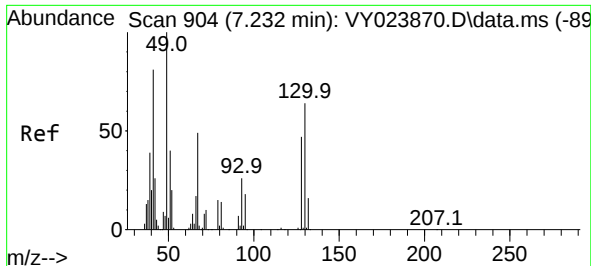
Tgt Ion: 78 Resp: 1254718

Ion Ratio Lower Upper

78 100

77 24.3 18.6 28.0

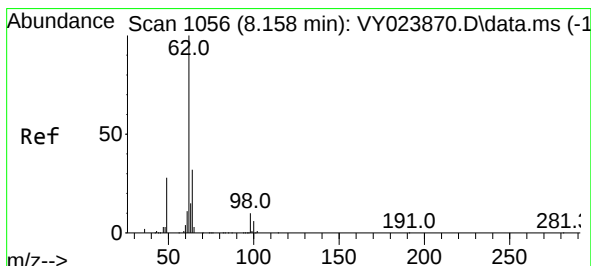
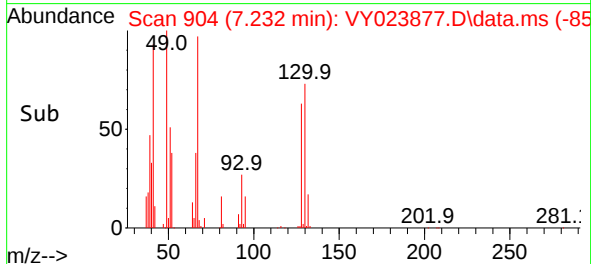
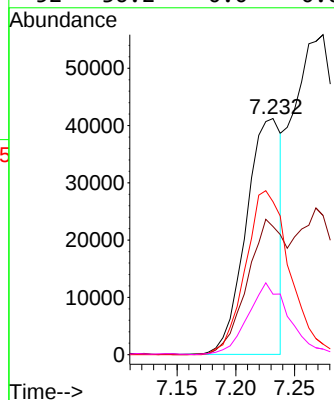
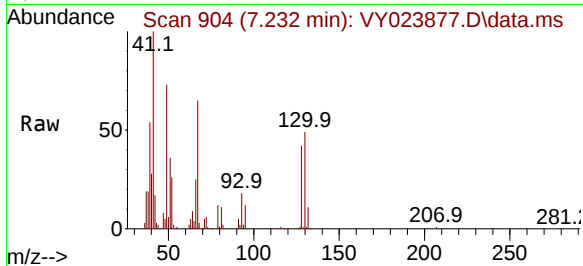




#41
Methacrylonitrile
Concen: 48.902 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

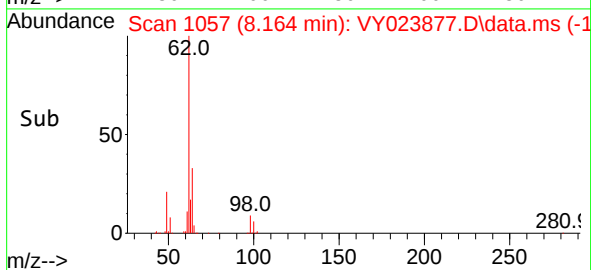
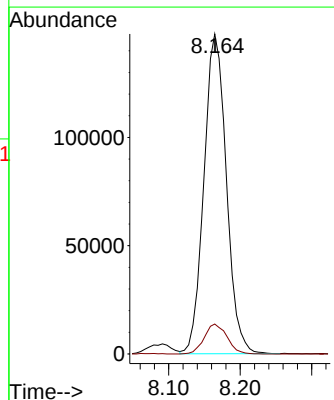
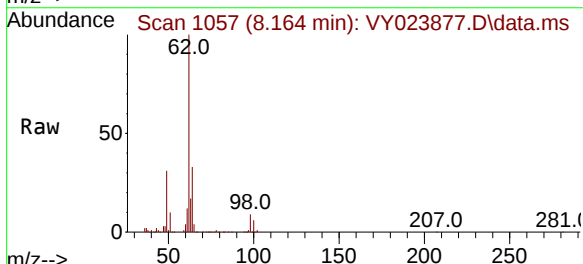
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

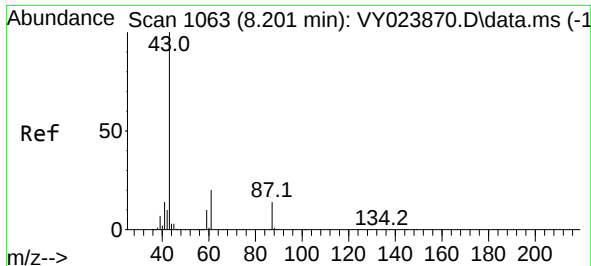
Tgt Ion: 41 Resp: 85314
Ion Ratio Lower Upper
41 100
39 62.7 49.4 74.2
67 89.4 0.0 0.0#
52 36.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 55.708 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 62 Resp: 322045
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2

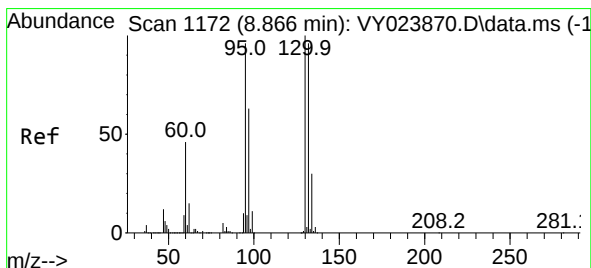
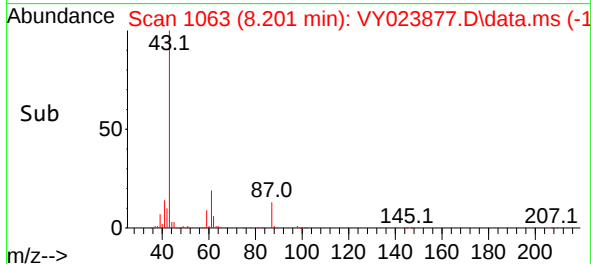
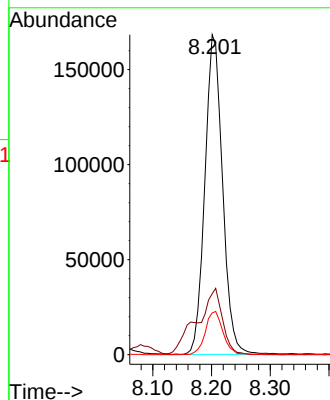
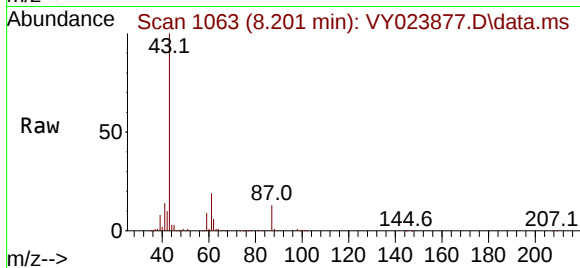




#43
Isopropyl Acetate
Concen: 55.727 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

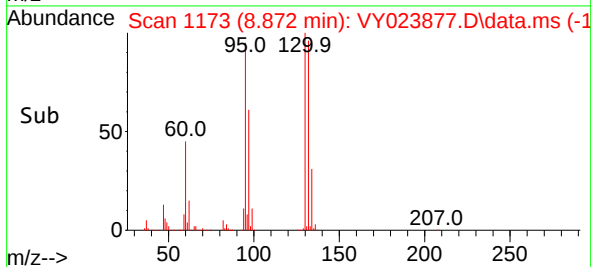
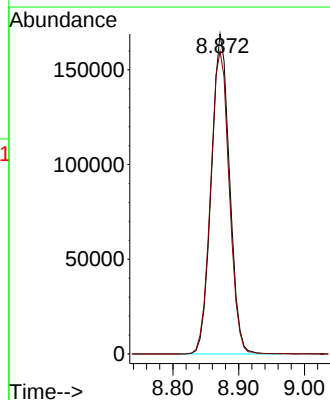
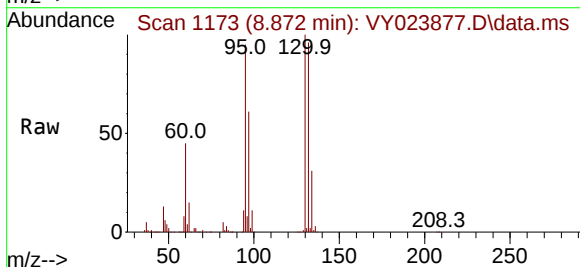
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

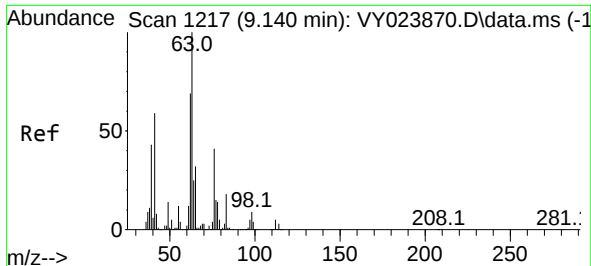
Tgt Ion: 43 Resp: 352879
Ion Ratio Lower Upper
43 100
61 30.1 24.2 36.4
87 13.5 11.0 16.4



#44
Trichloroethene
Concen: 57.074 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion:130 Resp: 325334
Ion Ratio Lower Upper
130 100
95 94.5 0.0 192.4





#45

1,2-Dichloropropane

Concen: 55.825 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

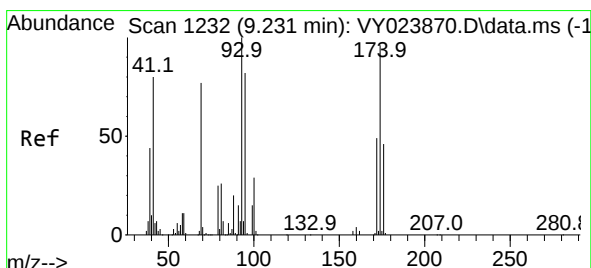
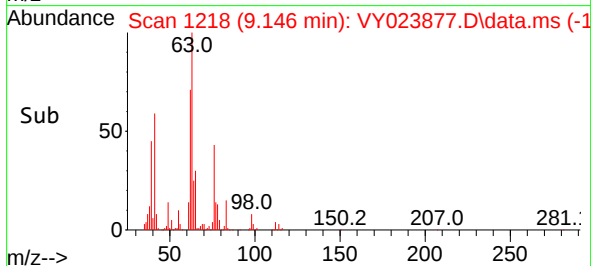
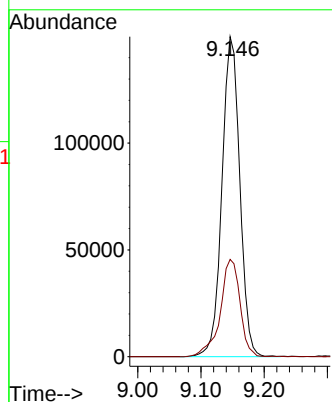
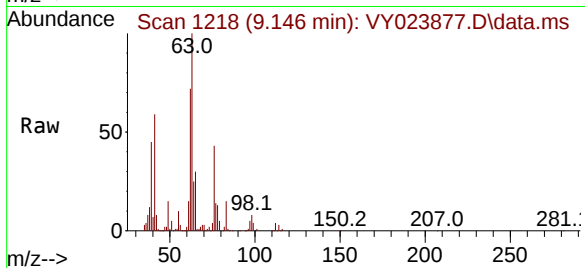
VSTDCCC050

Tgt Ion: 63 Resp: 292826

Ion Ratio Lower Upper

63 100

65 30.4 25.6 38.4



#46

Dibromomethane

Concen: 55.846 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

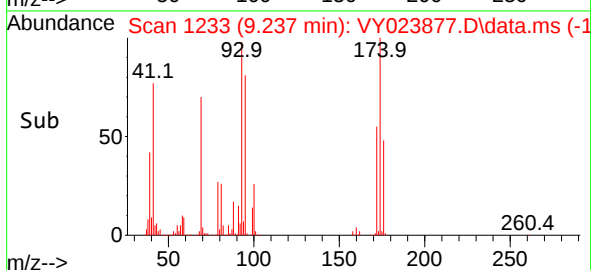
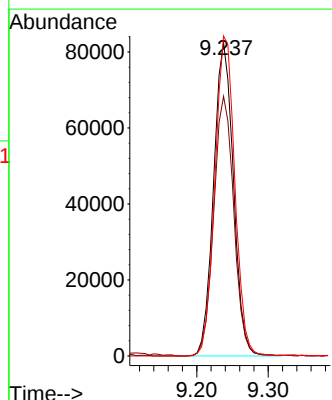
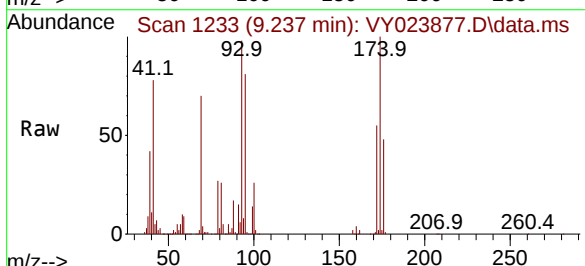
Tgt Ion: 93 Resp: 158592

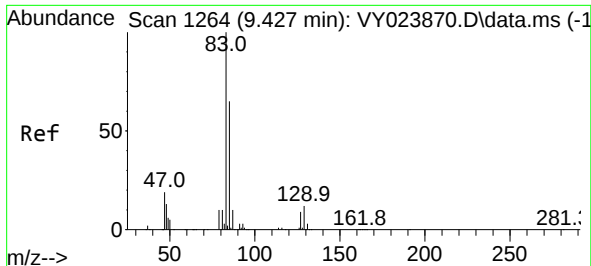
Ion Ratio Lower Upper

93 100

95 84.0 66.4 99.6

174 102.7 81.4 122.0

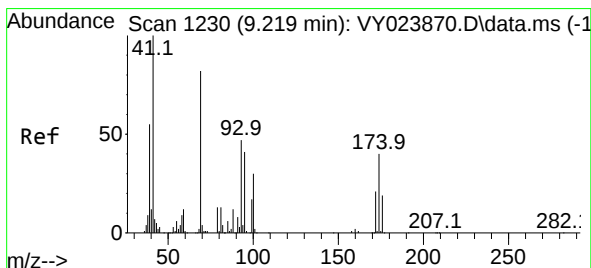
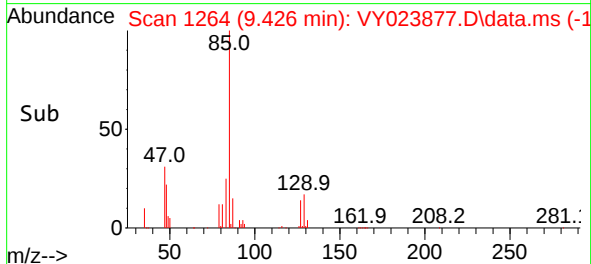
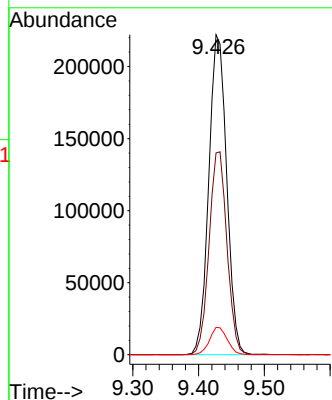
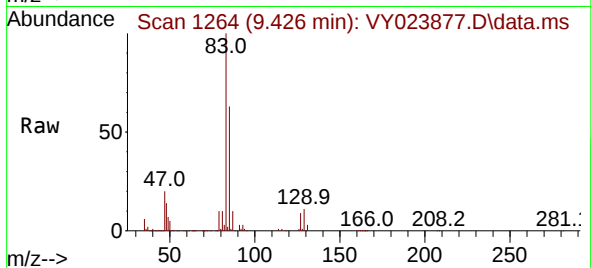




#47
Bromodichloromethane
Concen: 56.140 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

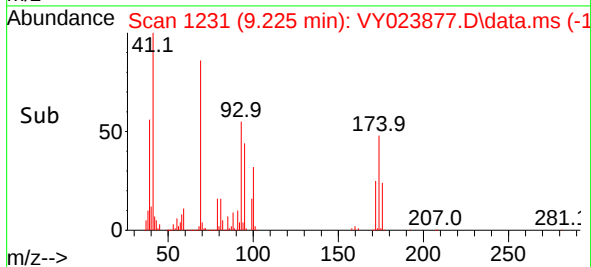
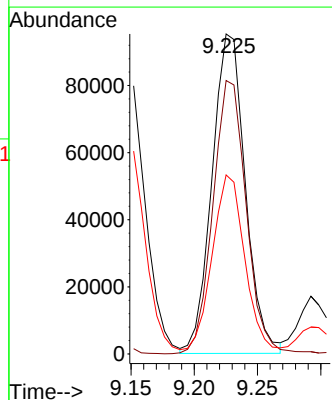
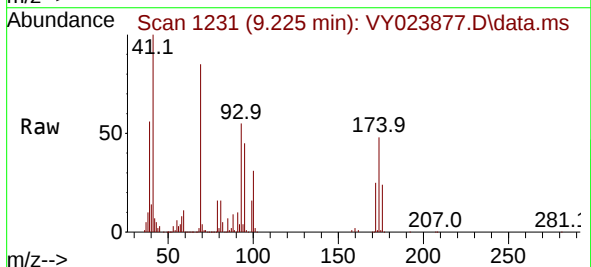
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

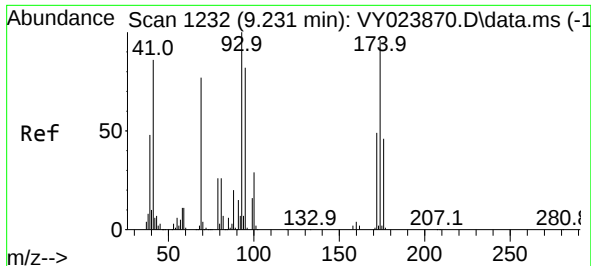
Tgt Ion: 83 Resp: 420609
Ion Ratio Lower Upper
83 100
85 63.1 51.6 77.4
127 8.6 7.2 10.8



#48
Methyl methacrylate
Concen: 58.962 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 41 Resp: 174426
Ion Ratio Lower Upper
41 100
69 85.6 67.7 101.5
39 52.8 43.4 65.0





#49

1,4-Dioxane

Concen: 1105.075 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

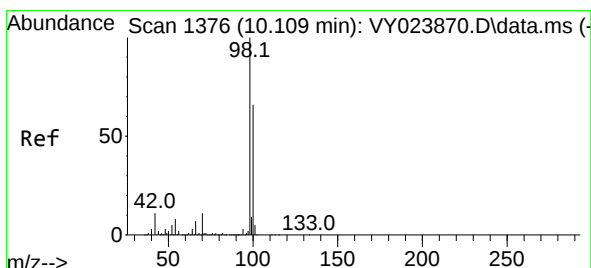
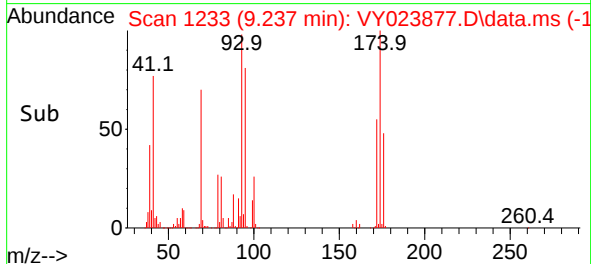
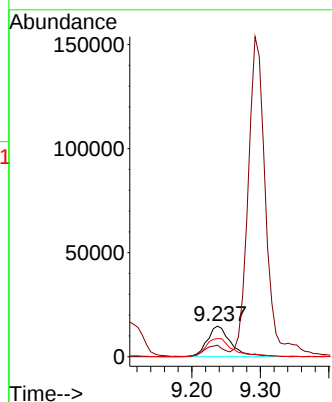
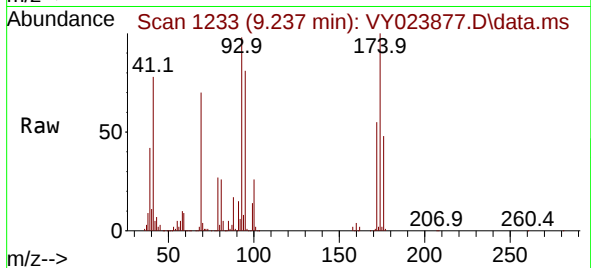
Tgt Ion: 88 Resp: 34894

Ion Ratio Lower Upper

88 100

43 30.7 26.8 40.2

58 69.0 52.4 78.6



#50

Toluene-d8

Concen: 43.341 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023877.D

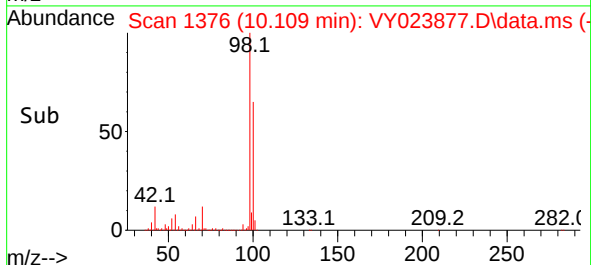
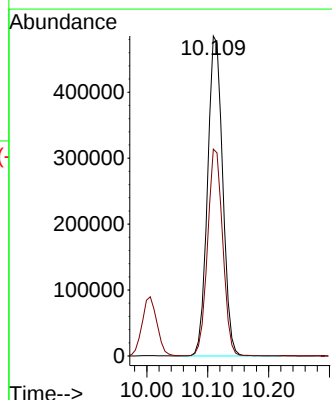
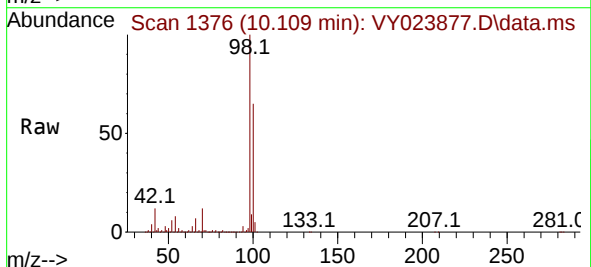
Acq: 04 Dec 2025 07:31

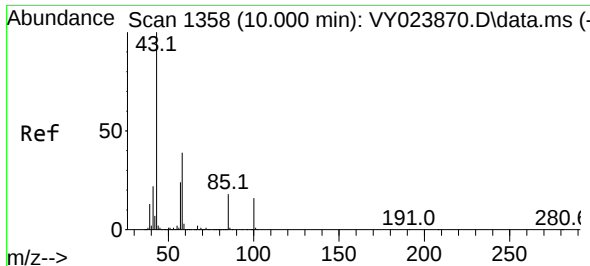
Tgt Ion: 98 Resp: 838311

Ion Ratio Lower Upper

98 100

100 64.6 52.5 78.7

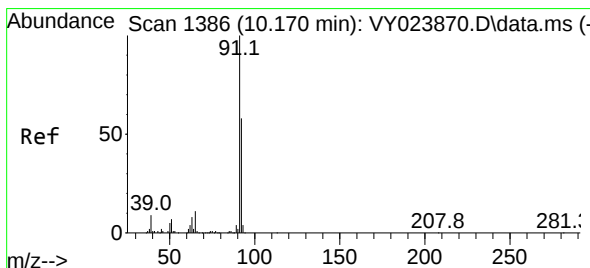
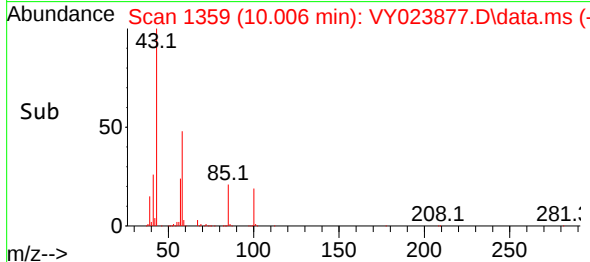
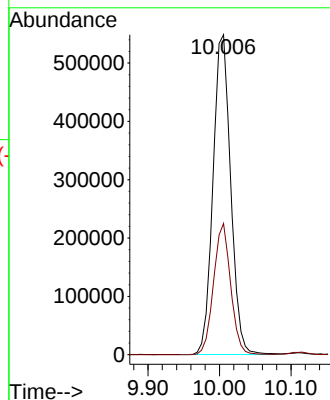
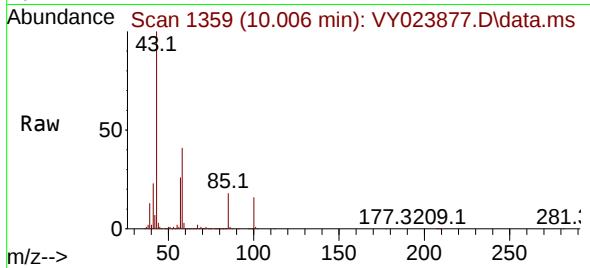




#51
4-Methyl-2-Pentanone
Concen: 283.071 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

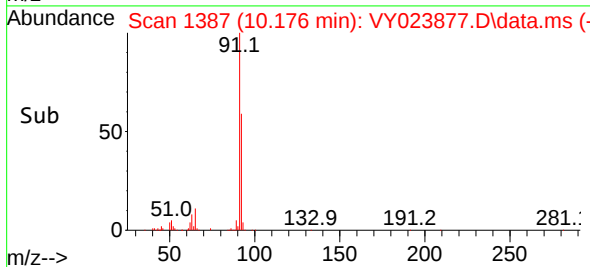
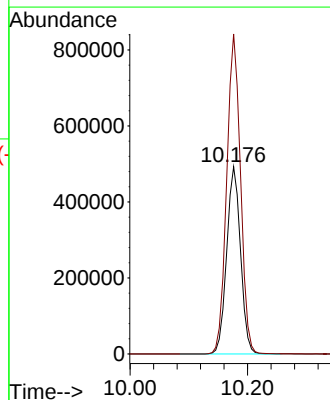
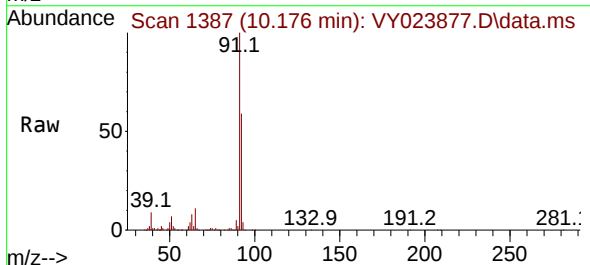
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

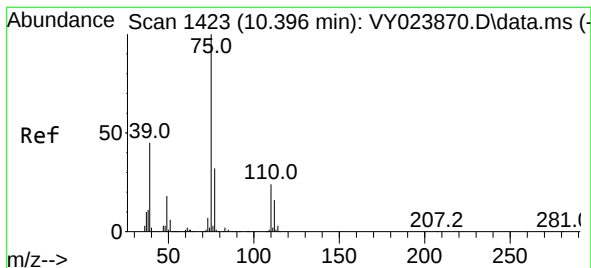
Tgt Ion: 43 Resp: 942551
Ion Ratio Lower Upper
43 100
58 39.7 31.8 47.8



#52
Toluene
Concen: 57.981 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 92 Resp: 804377
Ion Ratio Lower Upper
92 100
91 170.9 137.3 205.9

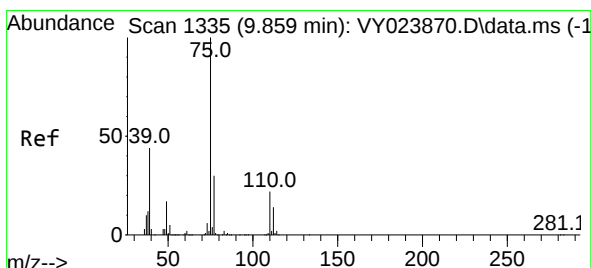
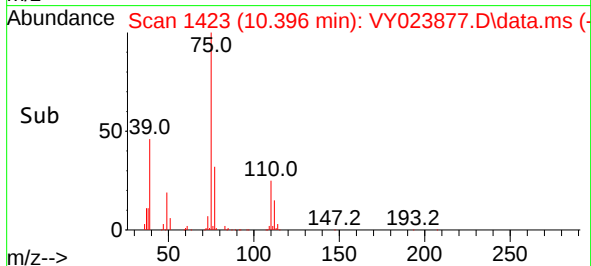
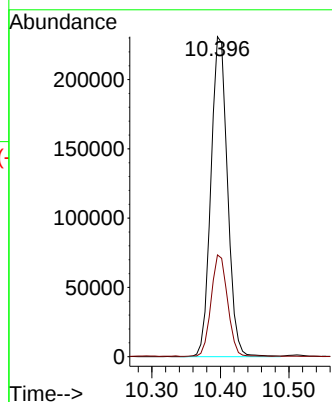
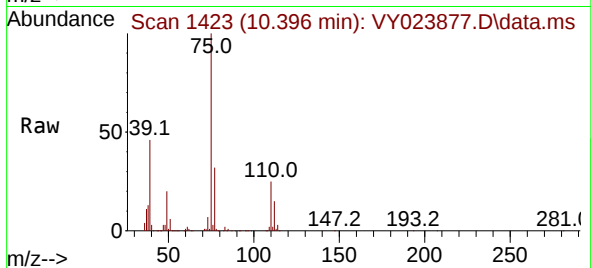




#53
t-1,3-Dichloropropene
Concen: 57.425 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

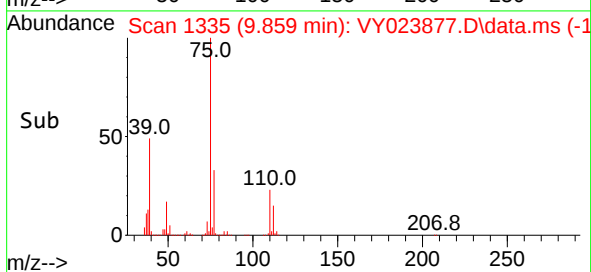
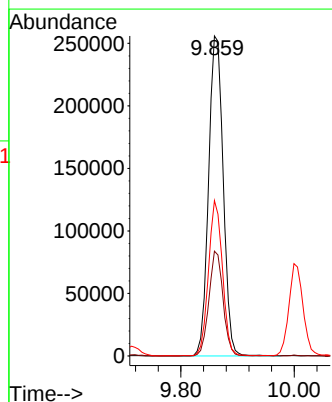
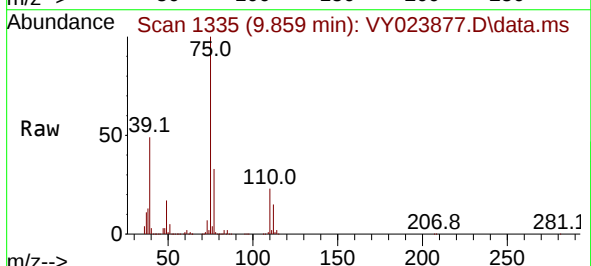
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

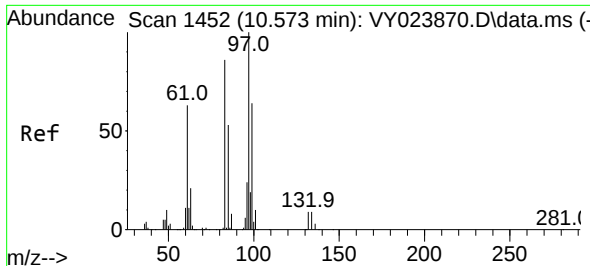
Tgt Ion: 75 Resp: 388307
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 57.546 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 75 Resp: 458230
Ion Ratio Lower Upper
75 100
77 32.7 23.8 35.6
39 48.5 35.5 53.3



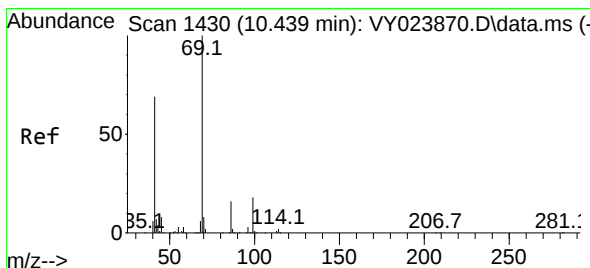
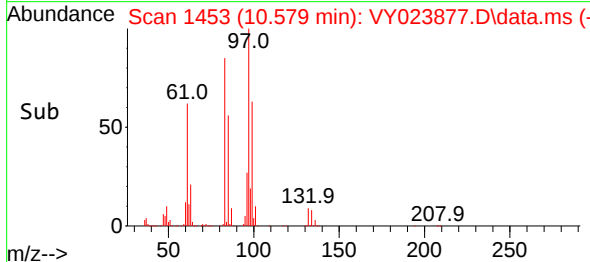
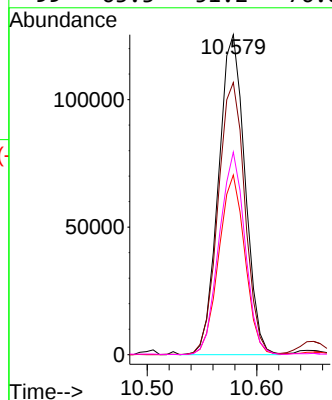
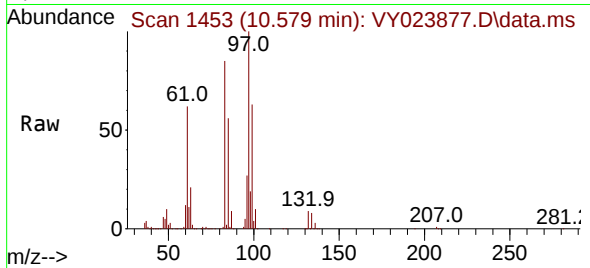


#55
1,1,2-Trichloroethane
Concen: 55.037 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 210981

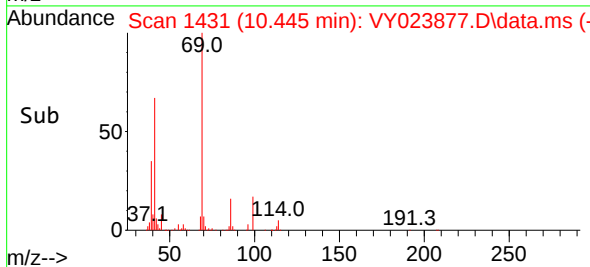
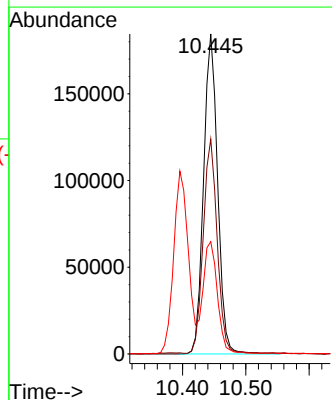
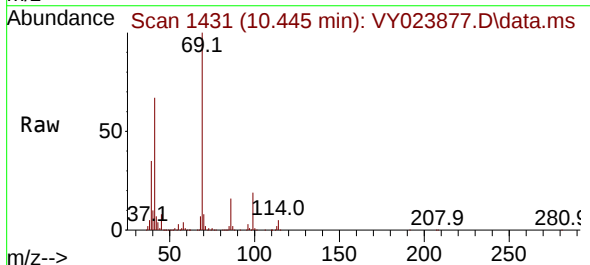
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.0	103.4
85	56.1	42.6	63.8
99	63.3	51.2	76.8

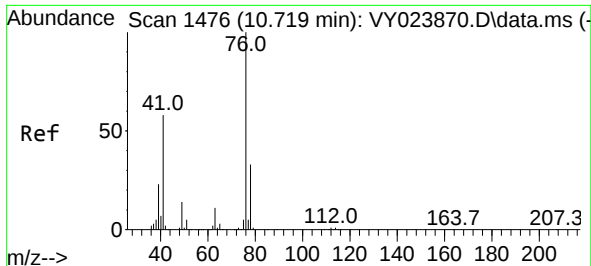


#56
Ethyl methacrylate
Concen: 50.928 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 69 Resp: 285486

Ion	Ratio	Lower	Upper
69	100		
41	66.4	52.5	78.7
39	36.2	27.1	40.7





#57

1,3-Dichloropropane

Concen: 56.168 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

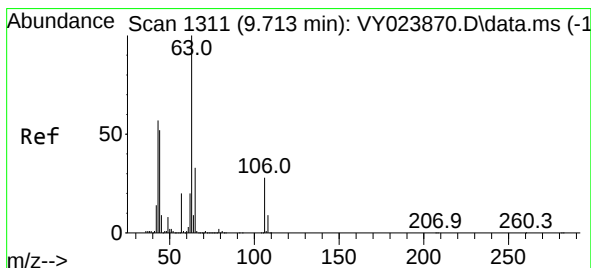
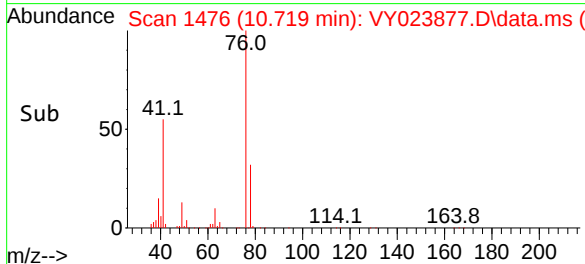
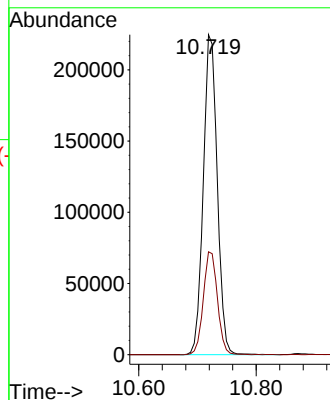
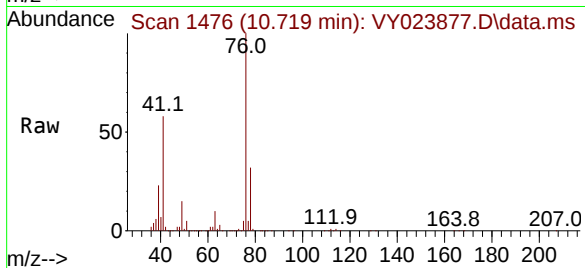
VSTDCCC050

Tgt Ion: 76 Resp: 370859

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 254.174 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023877.D

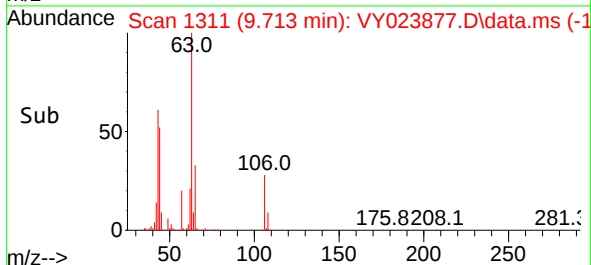
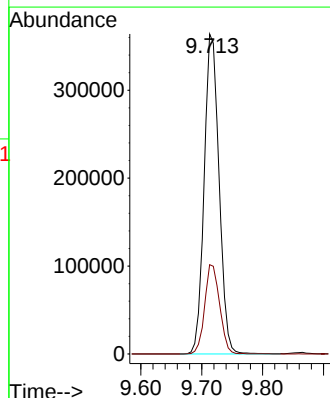
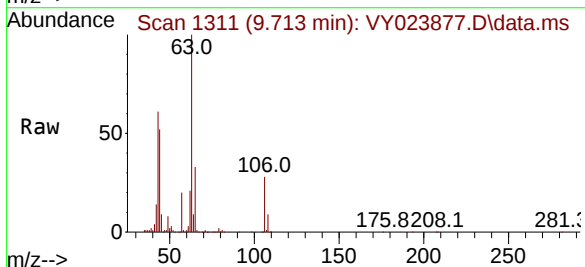
Acq: 04 Dec 2025 07:31

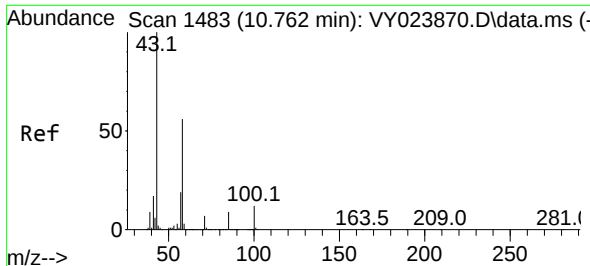
Tgt Ion: 63 Resp: 619177

Ion Ratio Lower Upper

63 100

106 28.0 22.5 33.7

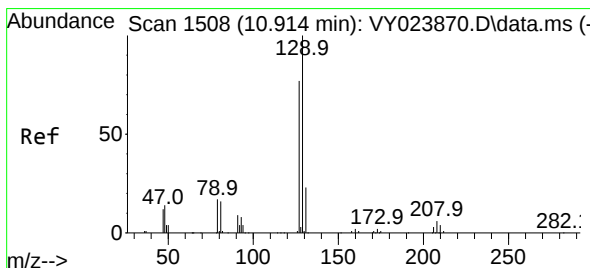
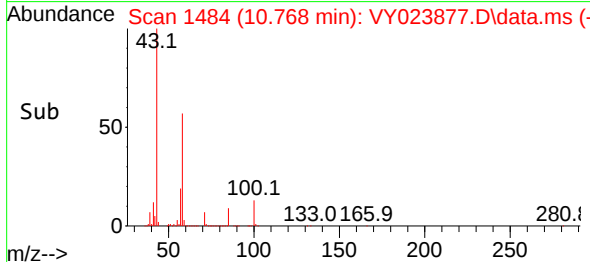
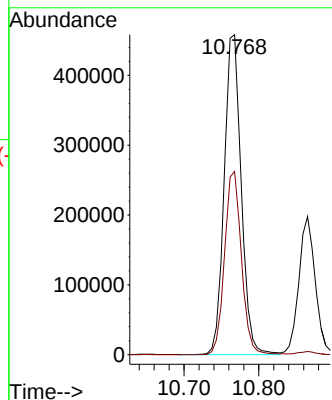
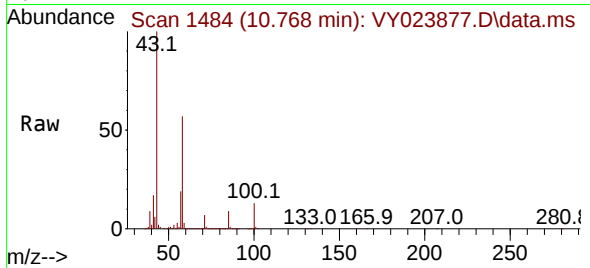




#59
2-Hexanone
Concen: 289.793 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

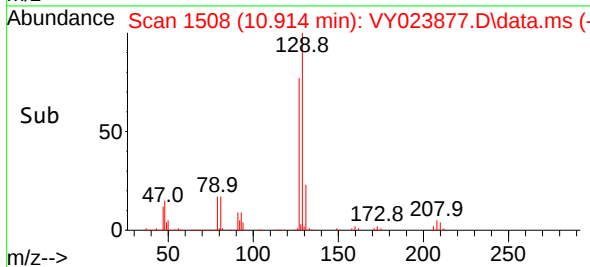
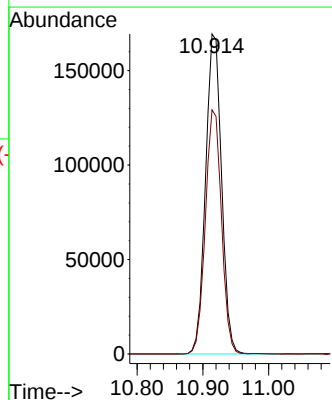
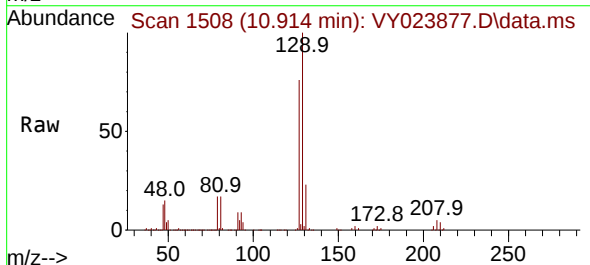
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

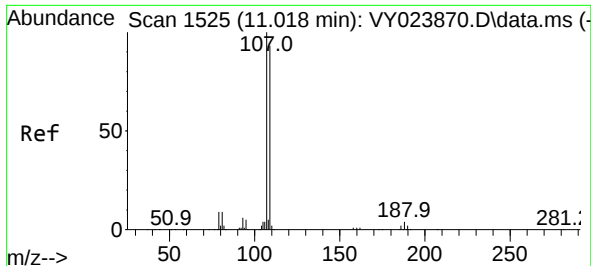
Tgt Ion: 43 Resp: 727755
Ion Ratio Lower Upper
43 100
58 56.7 27.7 83.1



#60
Dibromochloromethane
Concen: 55.771 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 129 Resp: 286675
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.0

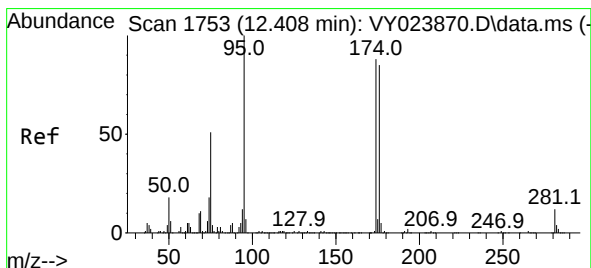
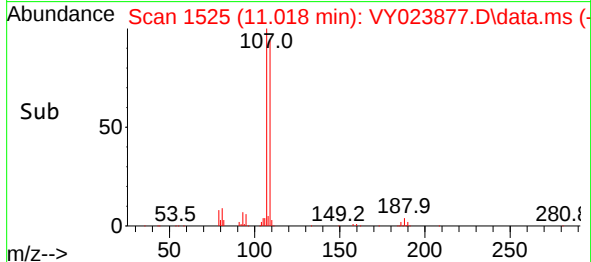
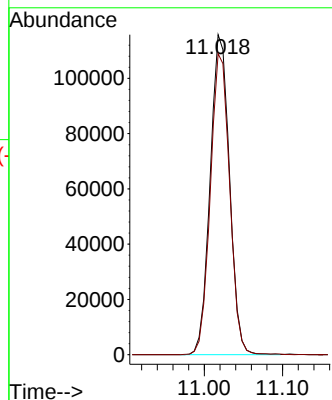
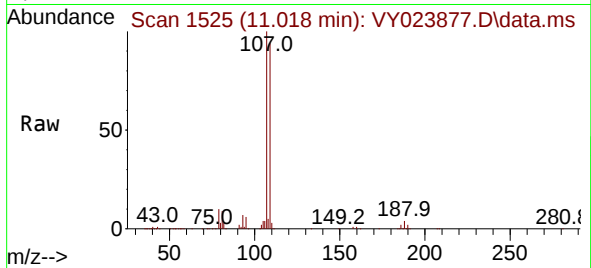




#61
1,2-Dibromoethane
Concen: 56.712 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

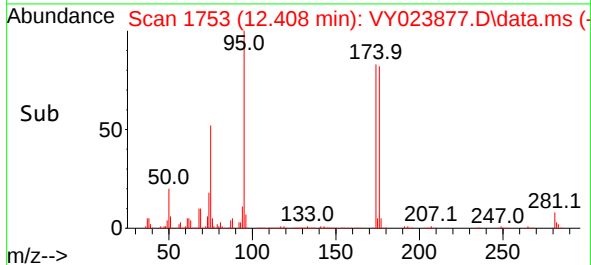
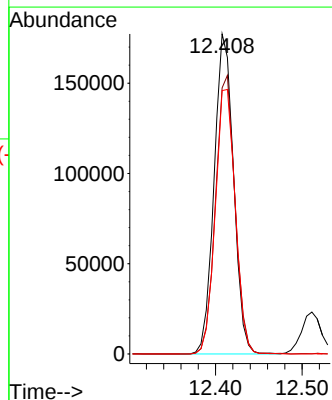
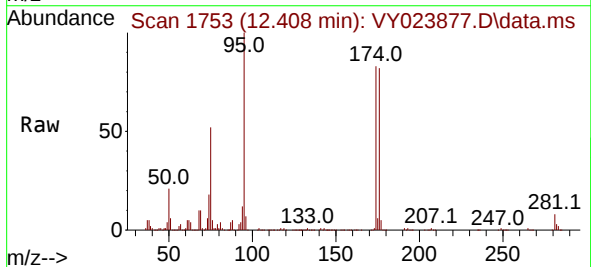
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

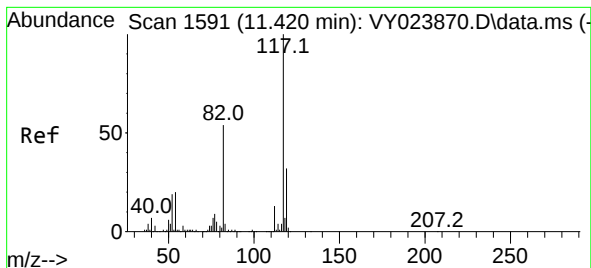
Tgt Ion:107 Resp: 198127
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 41.852 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 95 Resp: 276107
Ion Ratio Lower Upper
95 100
174 87.3 0.0 169.6
176 85.1 0.0 164.4

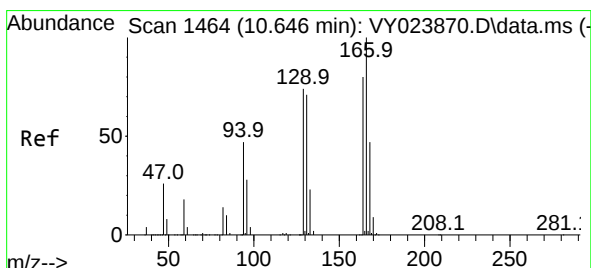
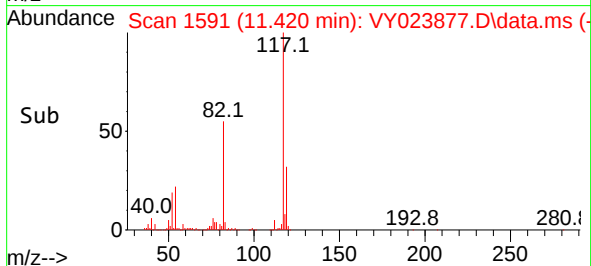
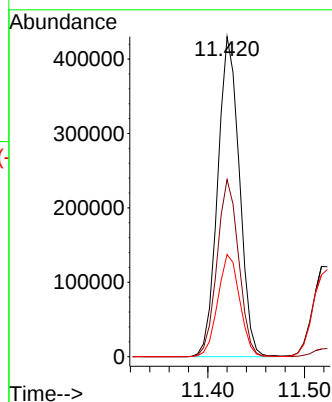
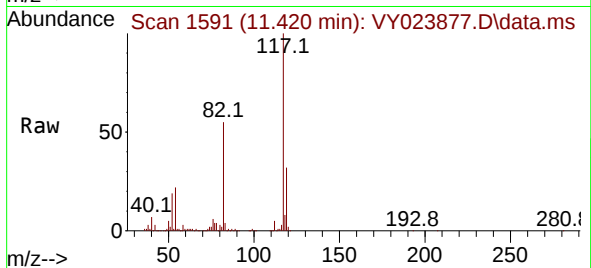




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

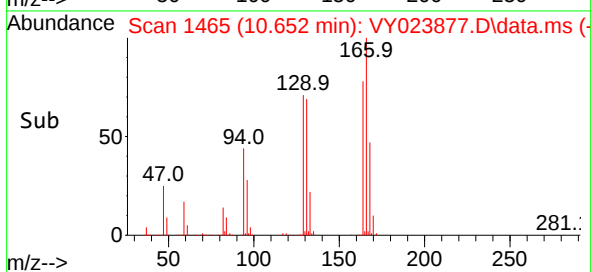
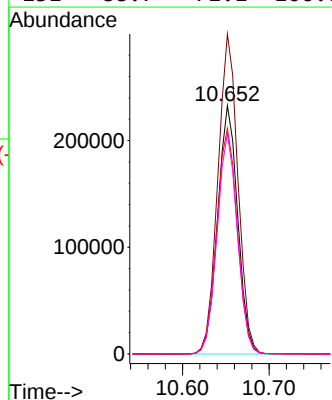
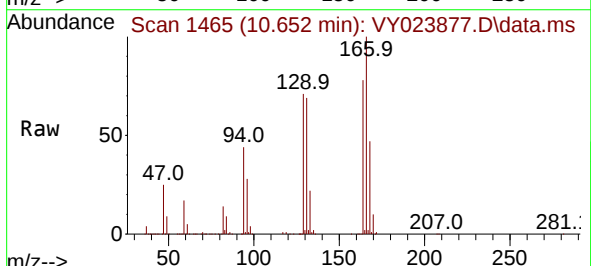
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

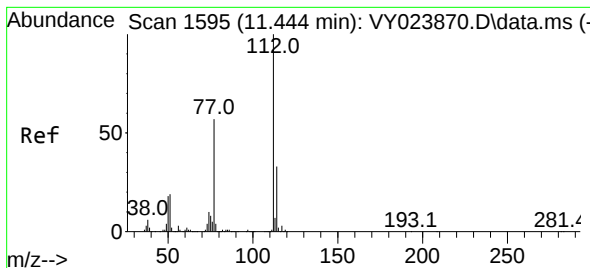
Tgt Ion:117 Resp: 669312
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 57.304 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion:164 Resp: 375333
Ion Ratio Lower Upper
164 100
166 128.9 100.2 150.4
129 90.9 74.4 111.6
131 88.7 71.1 106.7

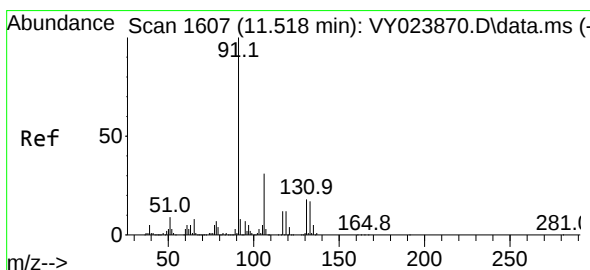
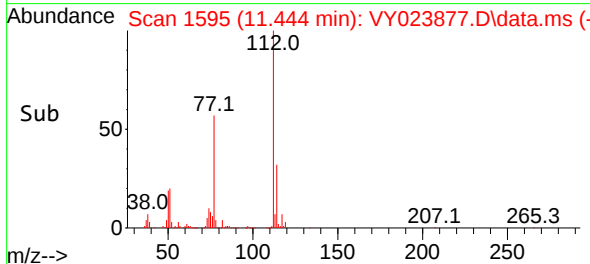
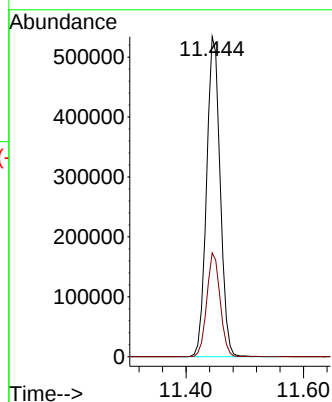
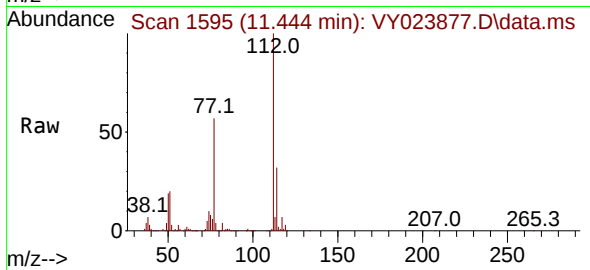




#65
Chlorobenzene
Concen: 56.172 ug/l
RT: 11.444 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

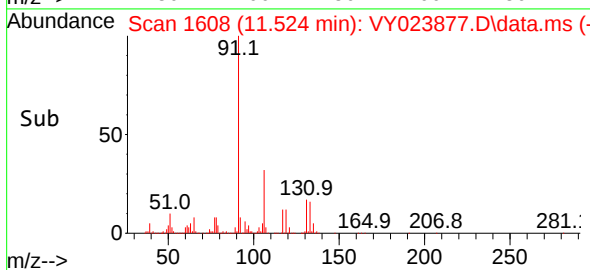
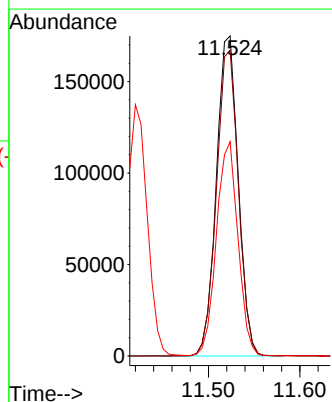
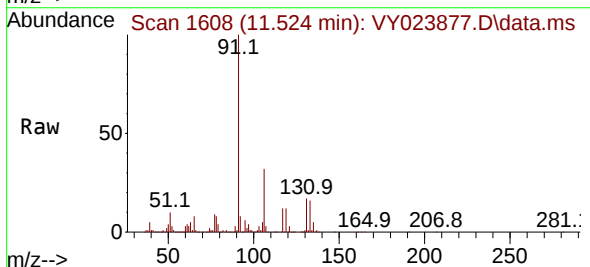
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

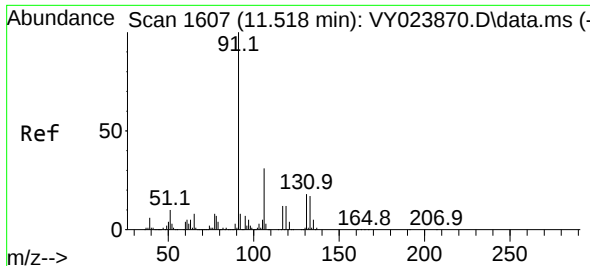
Tgt Ion:112 Resp: 858119
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.803 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion:131 Resp: 290860
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 66.0 32.5 97.4





#67

Ethyl Benzene

Concen: 57.853 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

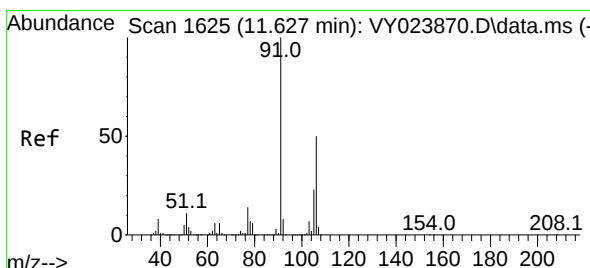
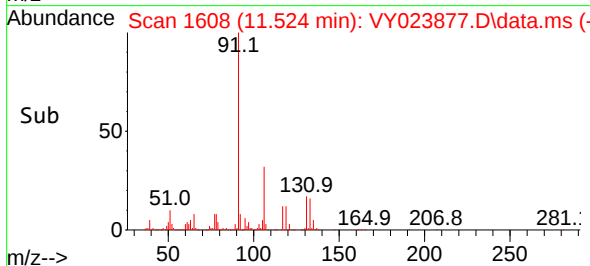
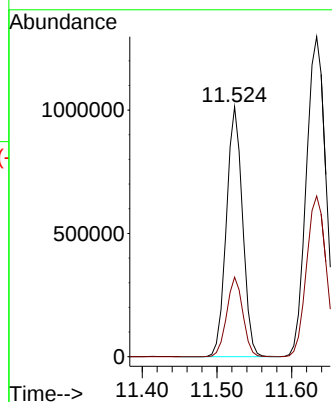
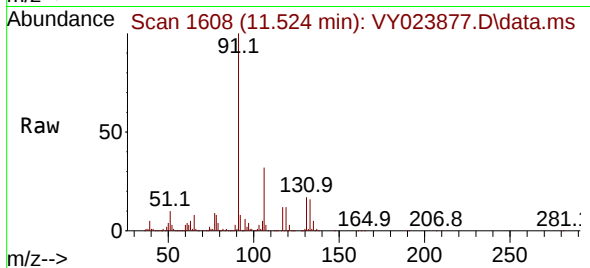
VSTDCCC050

Tgt Ion: 91 Resp: 1527916

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 117.034 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023877.D

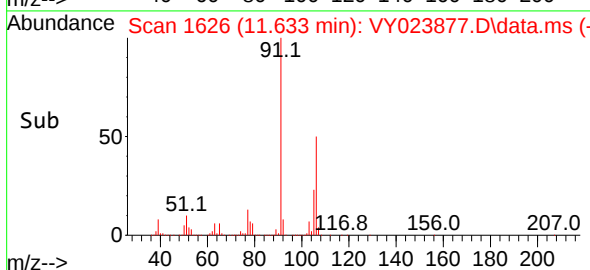
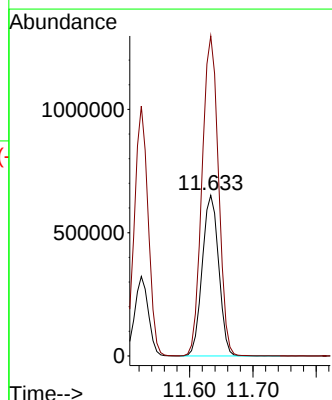
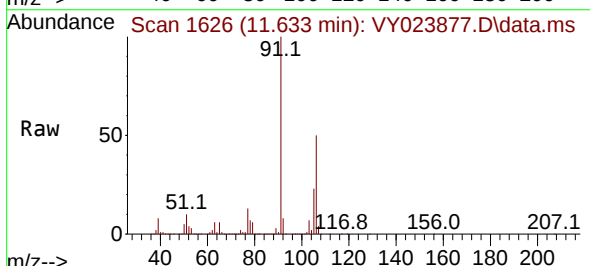
Acq: 04 Dec 2025 07:31

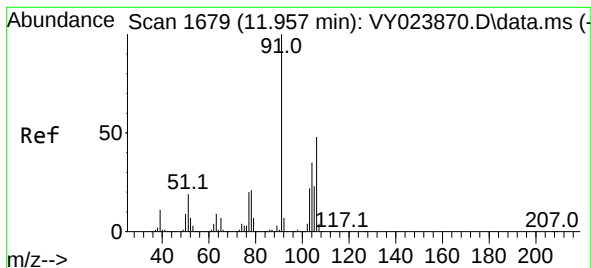
Tgt Ion:106 Resp: 1181405

Ion Ratio Lower Upper

106 100

91 199.0 159.7 239.5

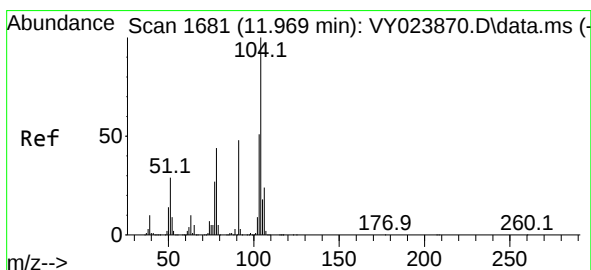
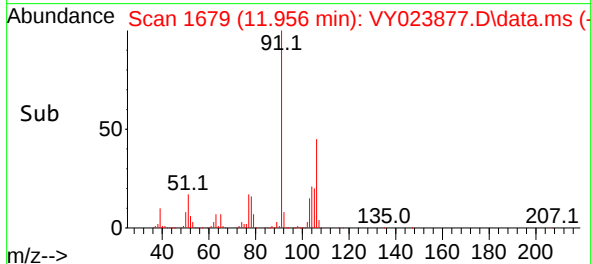
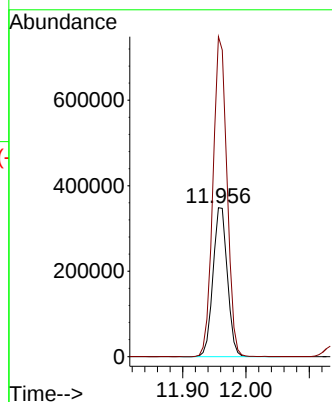
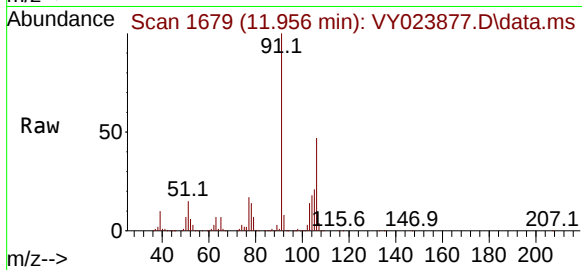




#69
o-Xylene
Concen: 58.213 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

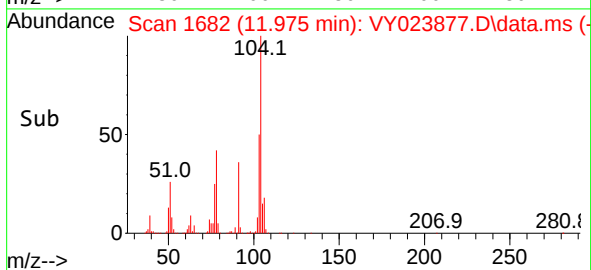
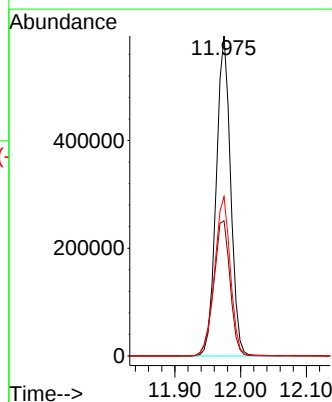
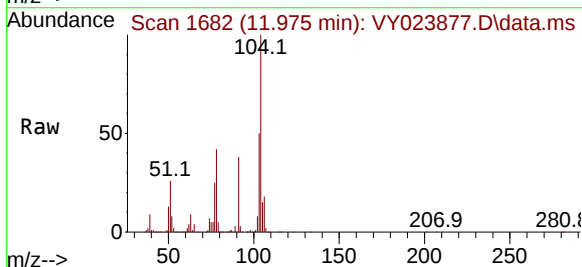
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

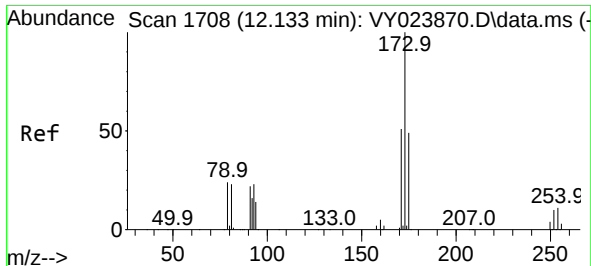
Tgt Ion:106 Resp: 549633
Ion Ratio Lower Upper
106 100
91 209.8 104.4 313.1



#70
Styrene
Concen: 58.132 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion:104 Resp: 904780
Ion Ratio Lower Upper
104 100
78 48.2 38.8 58.2
103 54.4 43.9 65.9

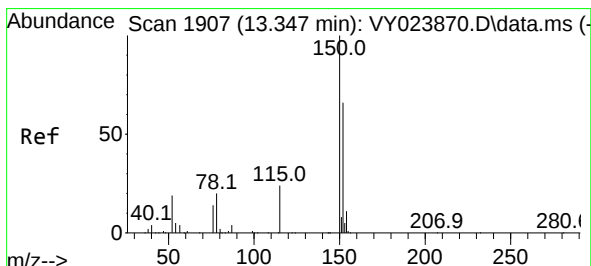
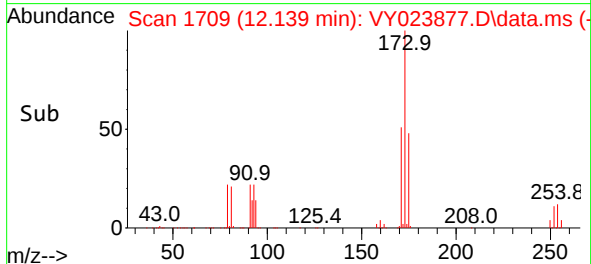
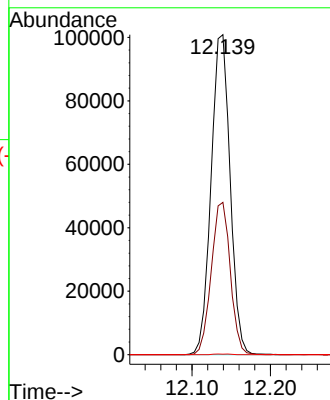
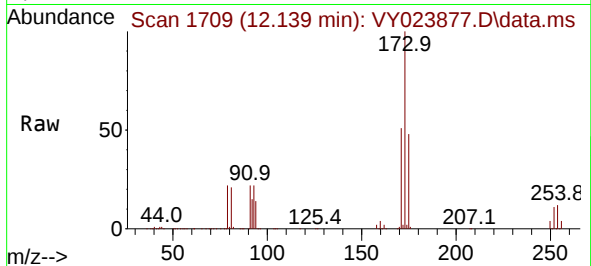




#71
Bromoform
Concen: 57.724 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

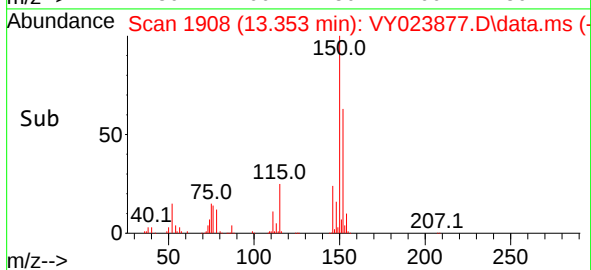
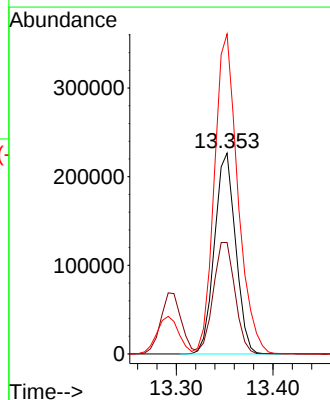
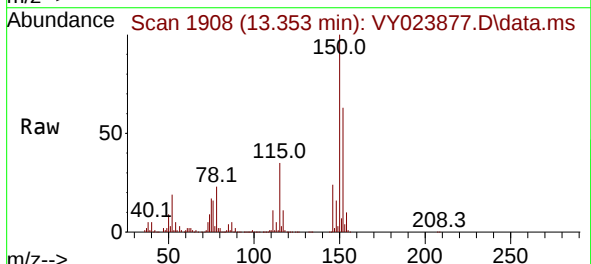
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

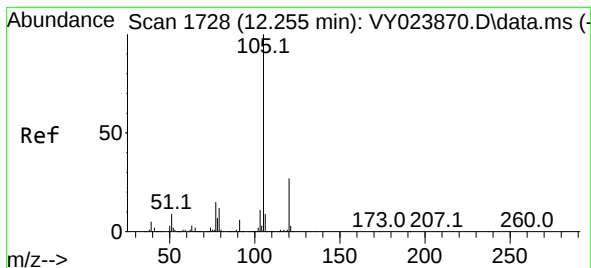
Tgt Ion:173 Resp: 170003
Ion Ratio Lower Upper
173 100
175 47.5 24.4 73.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion:152 Resp: 343252
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.4
150 177.1 0.0 352.2





#73

Isopropylbenzene

Concen: 58.537 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

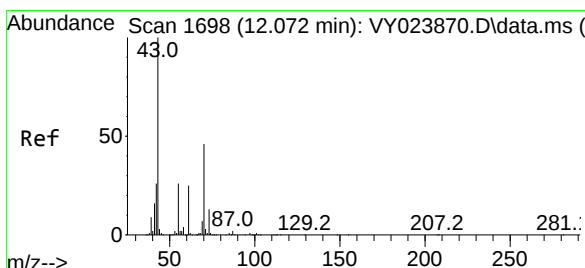
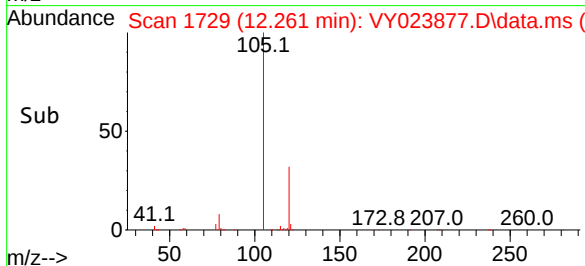
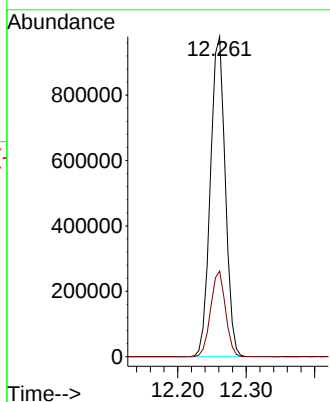
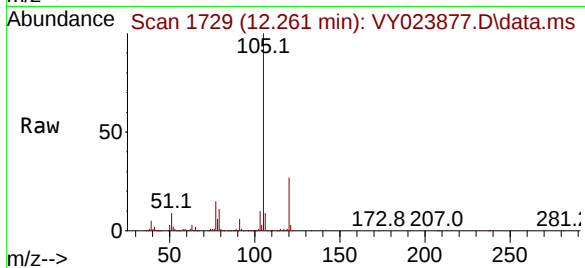
VSTDCCC050

Tgt Ion:105 Resp: 1480390

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-amy1 acetate

Concen: 57.044 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Tgt Ion: 43 Resp: 312654

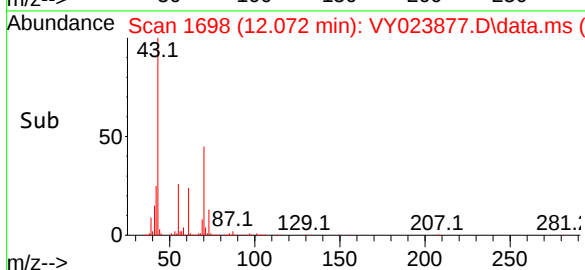
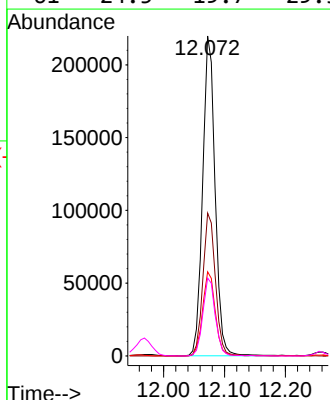
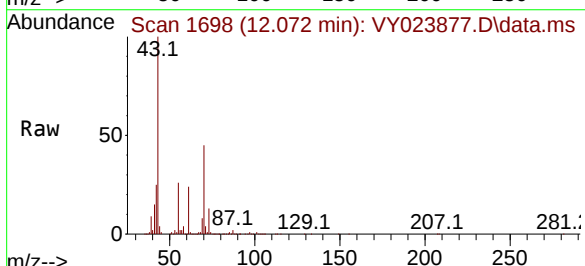
Ion Ratio Lower Upper

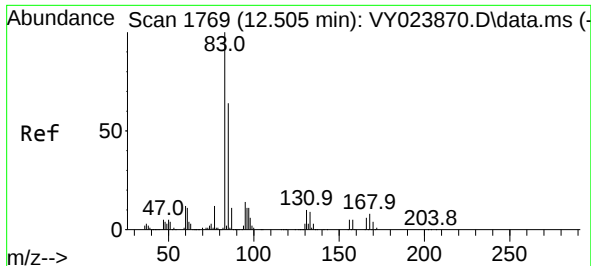
43 100

70 44.9 35.5 53.3

55 27.0 21.1 31.7

61 24.5 19.7 29.5

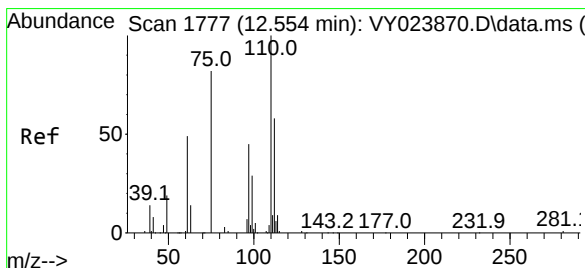
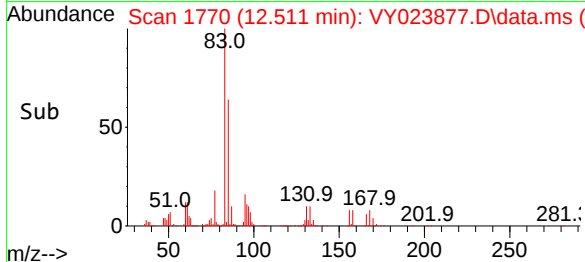
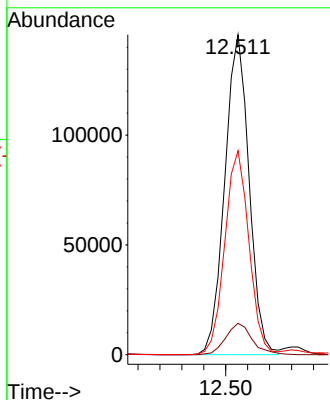
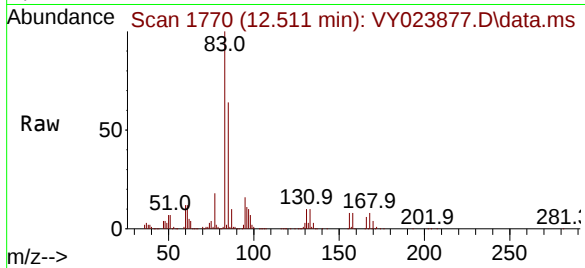




#75
1,1,2,2-Tetrachloroethane
Concen: 54.949 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

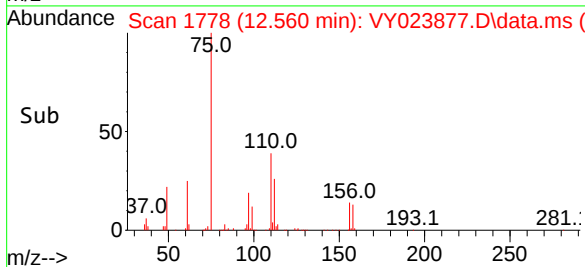
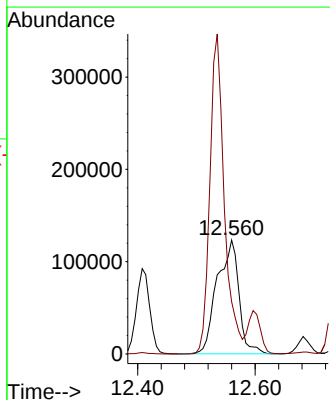
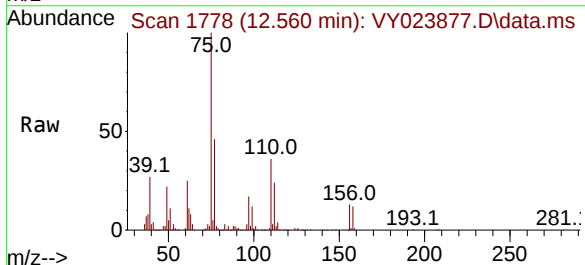
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

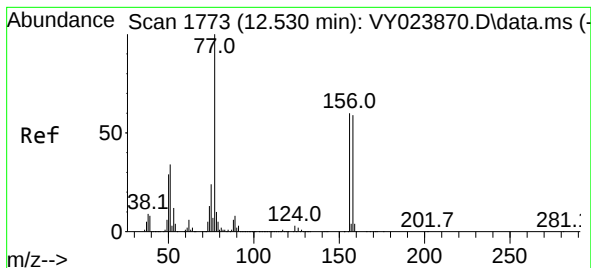
Tgt Ion: 83 Resp: 224207
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 63.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 93.569 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 75 Resp: 318406
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.165 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

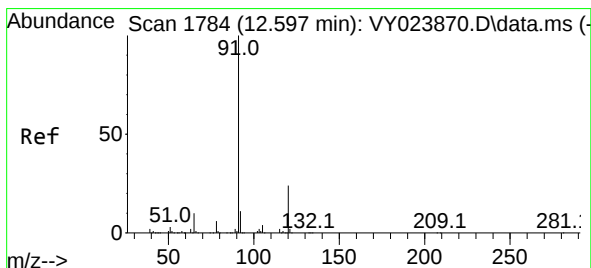
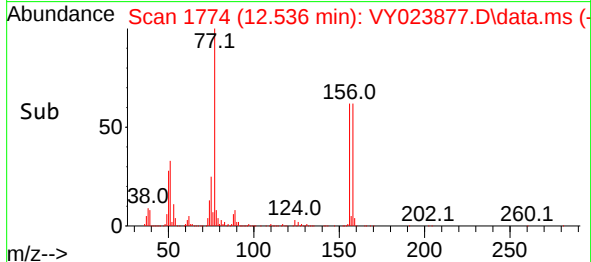
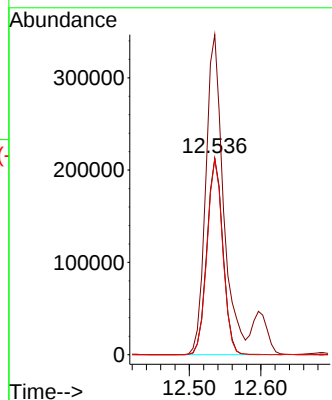
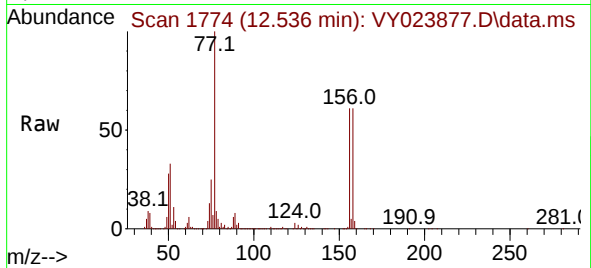
Tgt Ion:156 Resp: 329883

Ion Ratio Lower Upper

156 100

77 179.8 89.6 268.9

158 98.2 48.6 145.8



#78

n-propylbenzene

Concen: 58.367 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023877.D

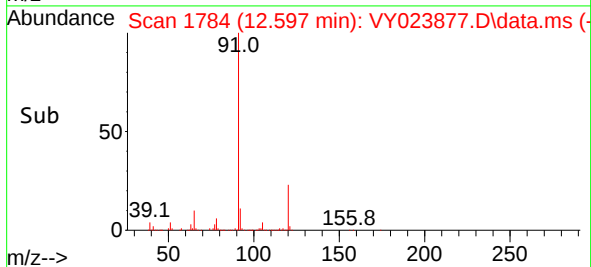
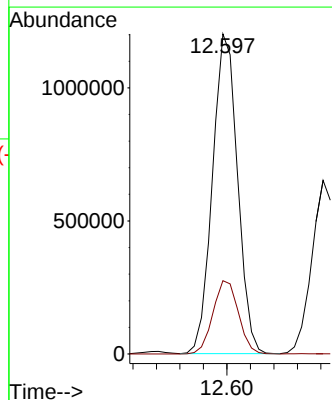
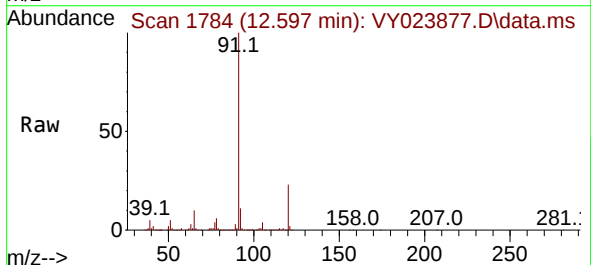
Acq: 04 Dec 2025 07:31

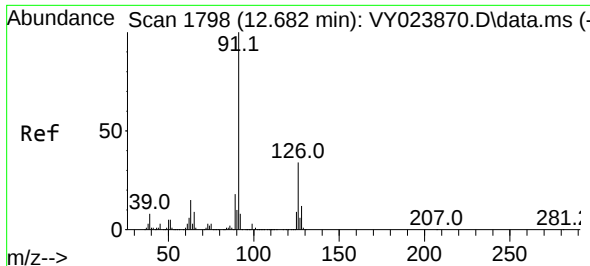
Tgt Ion: 91 Resp: 1781166

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5

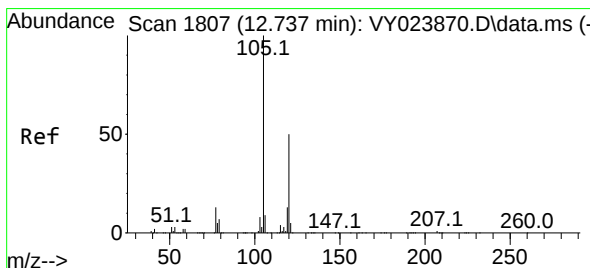
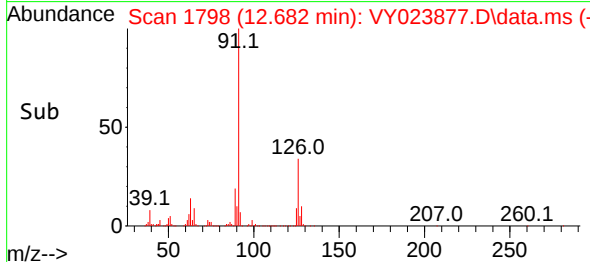
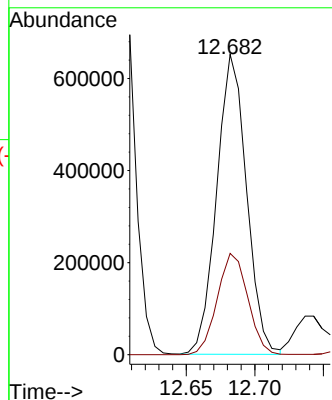
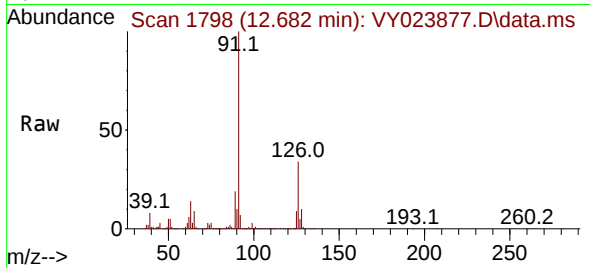




#79
2-Chlorotoluene
Concen: 57.008 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

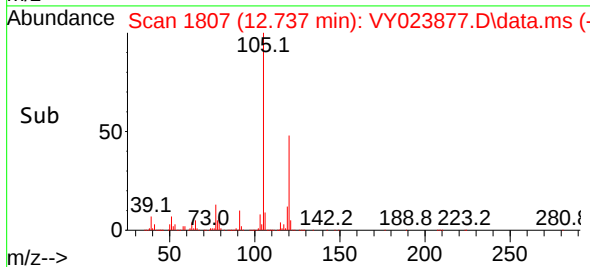
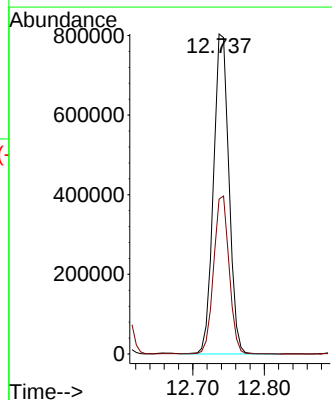
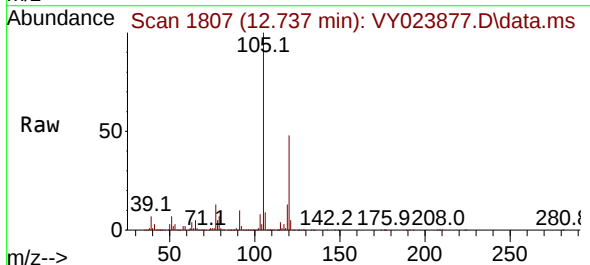
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

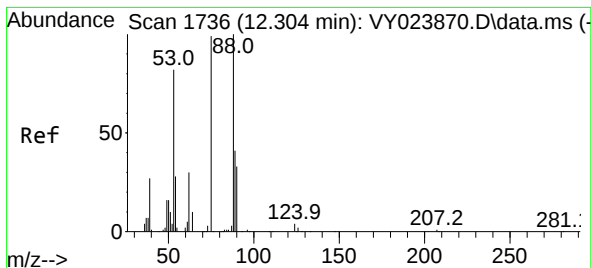
Tgt Ion: 91 Resp: 988035
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 58.703 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 105 Resp: 1206272
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.6

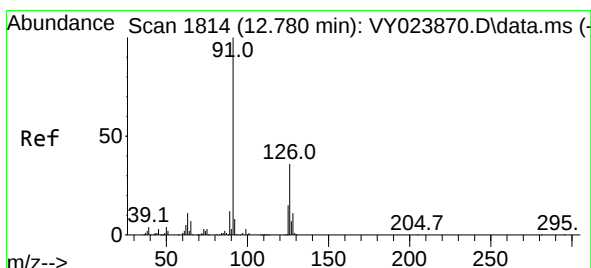
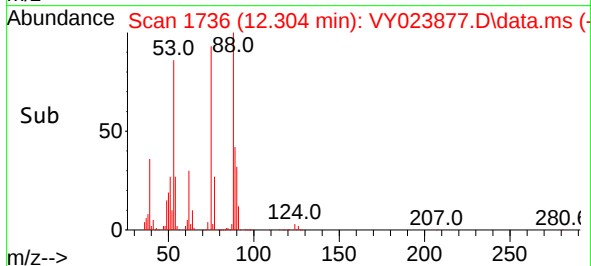
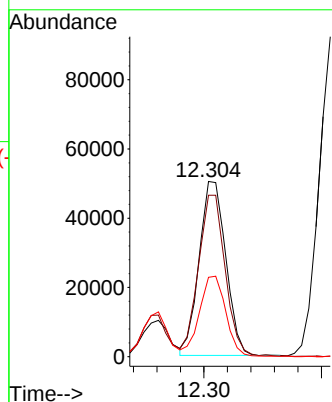
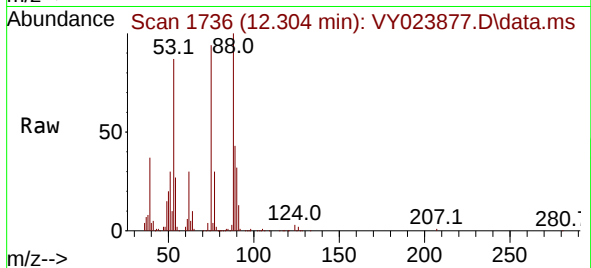




#81
trans-1,4-Dichloro-2-butene
Concen: 55.679 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

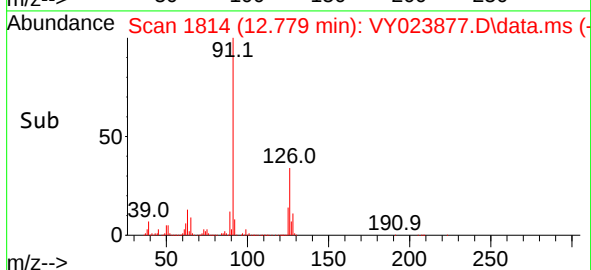
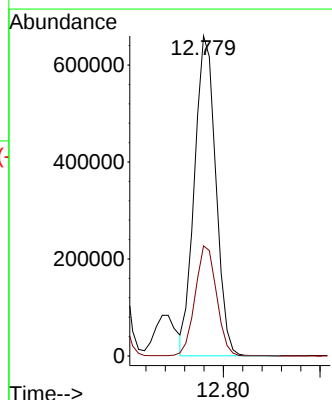
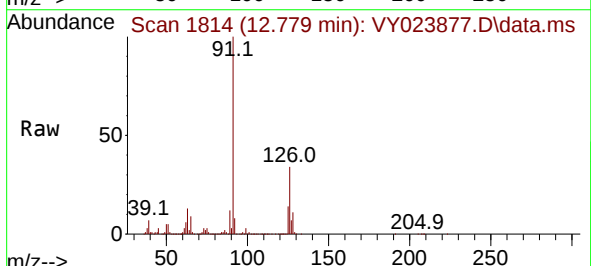
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

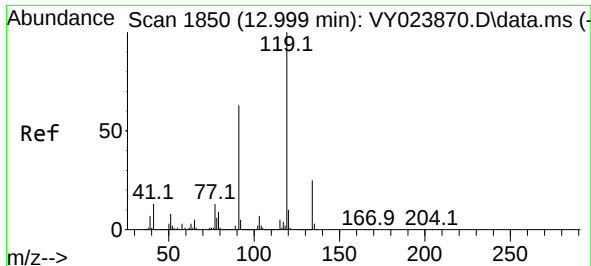
Tgt Ion: 75 Resp: 79108
Ion Ratio Lower Upper
75 100
53 93.6 71.1 106.7
89 46.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 56.170 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 91 Resp: 1009279
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2

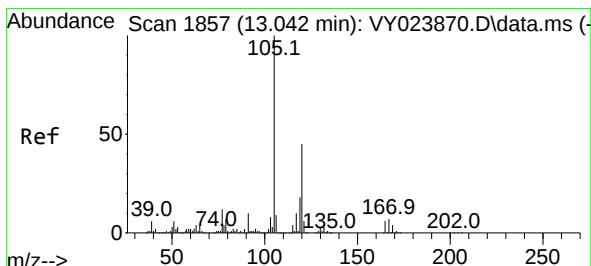
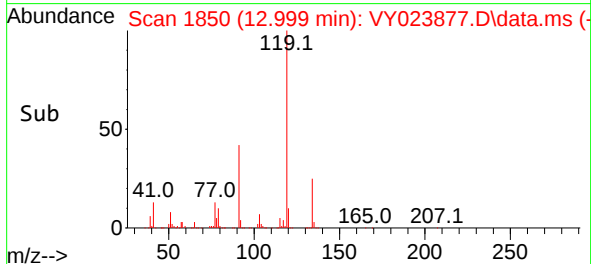
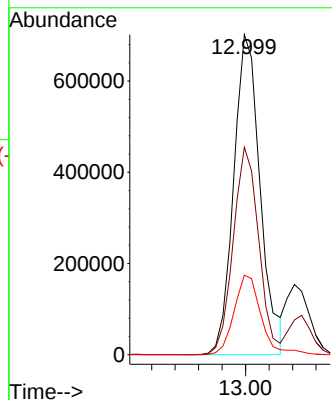
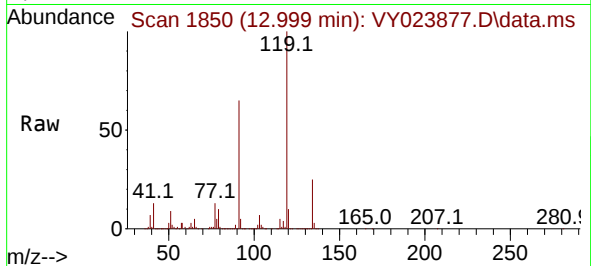




#83
tert-Butylbenzene
Concen: 59.230 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

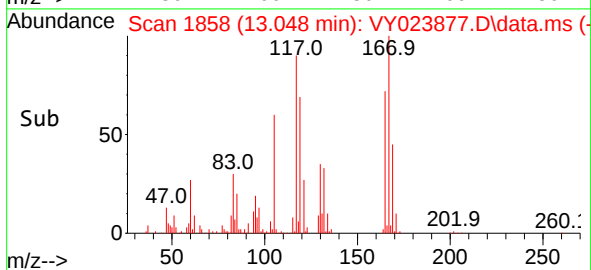
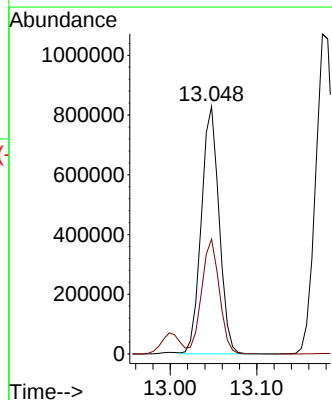
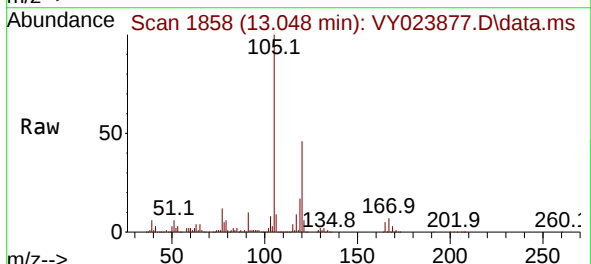
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

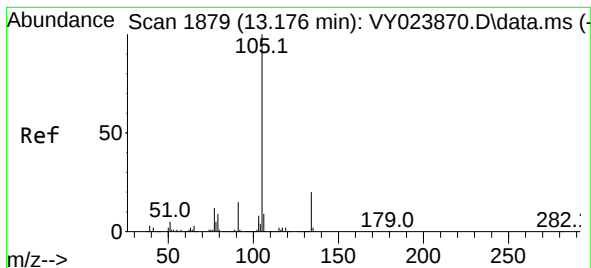
Tgt Ion:119 Resp: 1097255
Ion Ratio Lower Upper
119 100
91 62.6 31.8 95.3
134 25.4 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 58.005 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion:105 Resp: 1180828
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.3

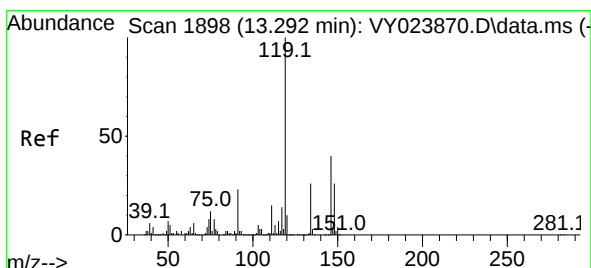
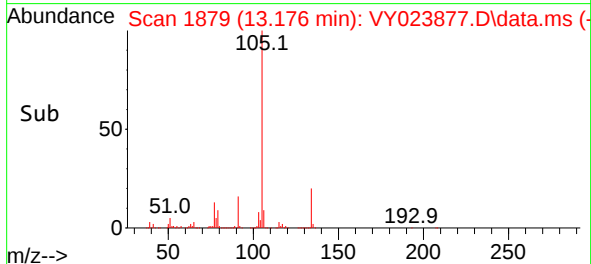
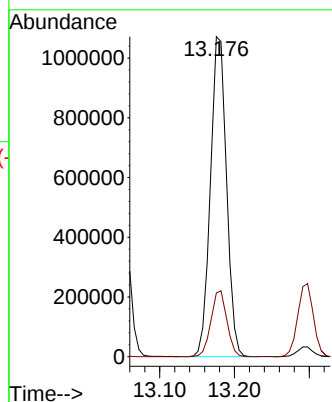
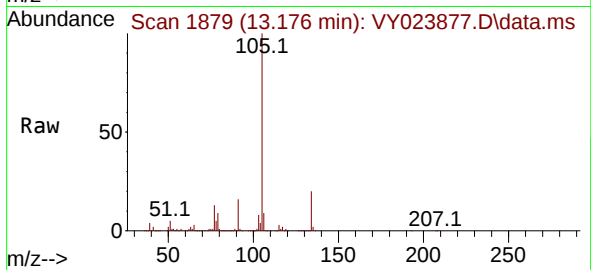




#85
 sec-Butylbenzene
 Concen: 58.316 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023877.D
 Acq: 04 Dec 2025 07:31

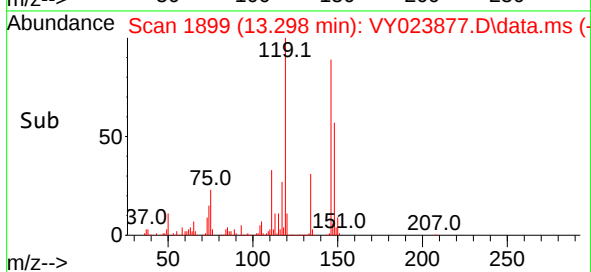
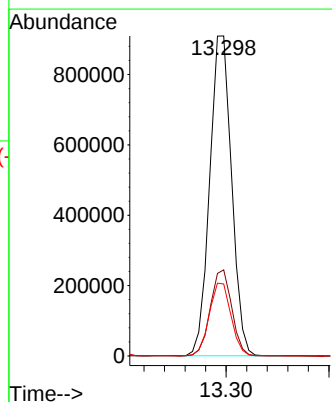
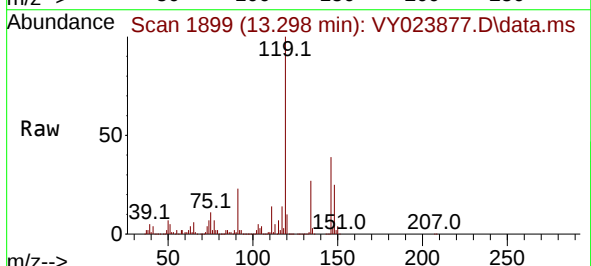
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

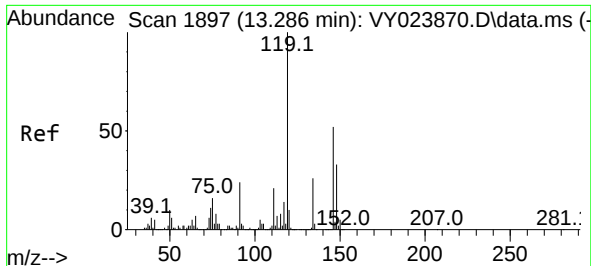
Tgt Ion:105 Resp: 1607031
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 59.125 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023877.D
 Acq: 04 Dec 2025 07:31

Tgt Ion:119 Resp: 1349042
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 55.958 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

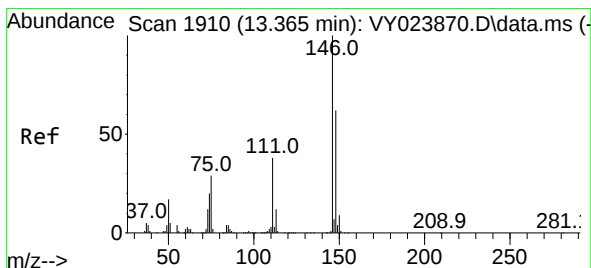
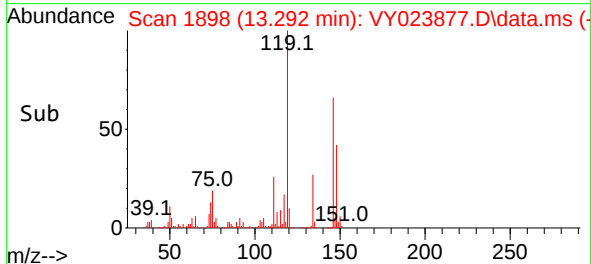
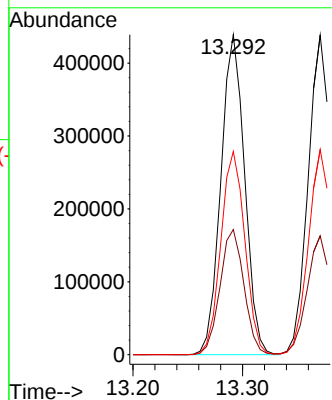
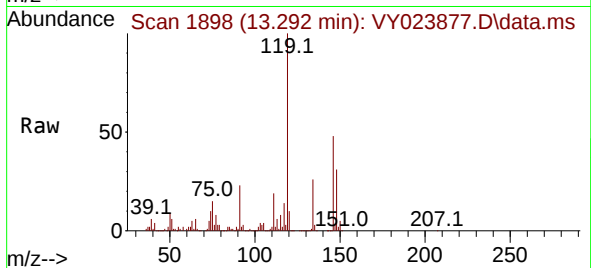
Tgt Ion:146 Resp: 662153

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

148 64.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 55.784 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

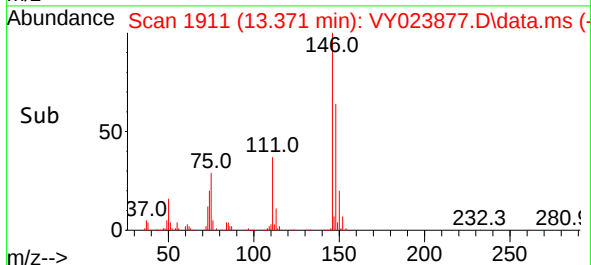
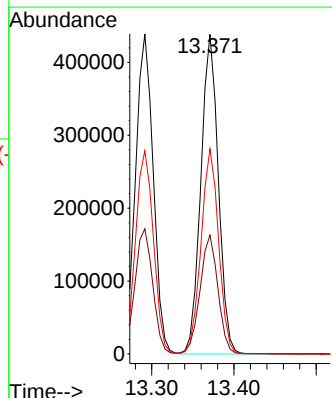
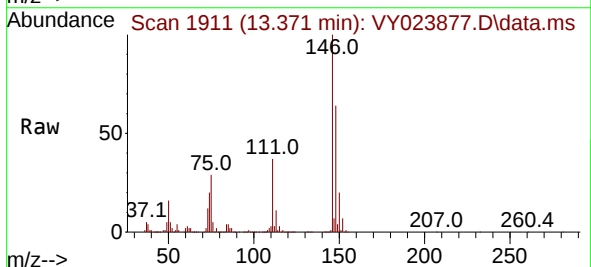
Tgt Ion:146 Resp: 647341

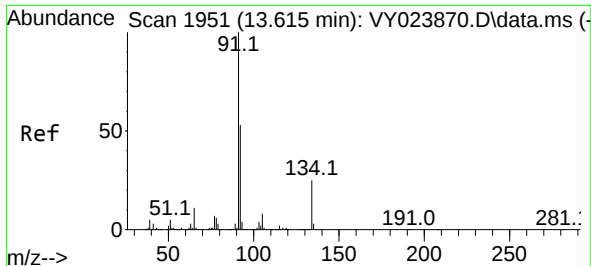
Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.1

148 64.5 32.0 96.2

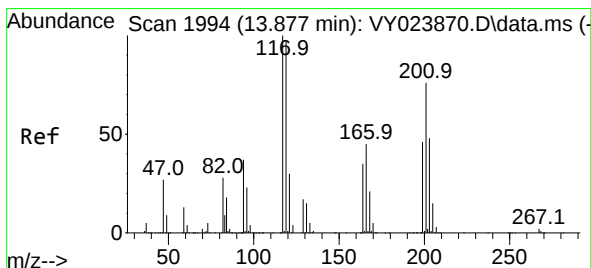
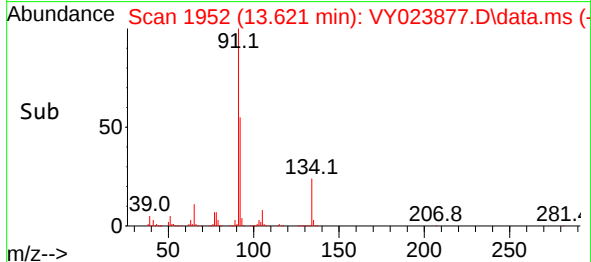
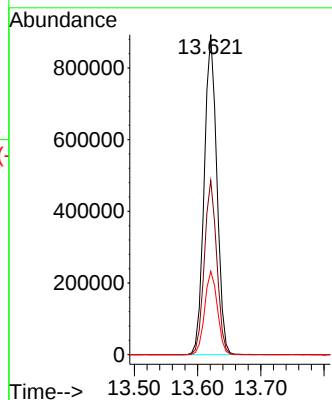
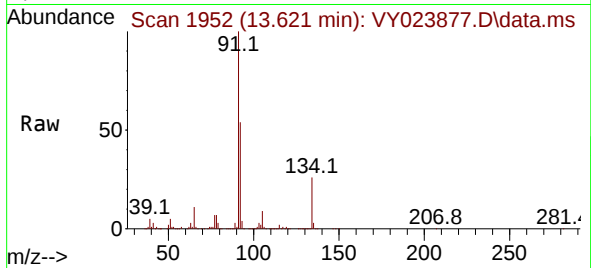




#89
n-Butylbenzene
Concen: 58.951 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

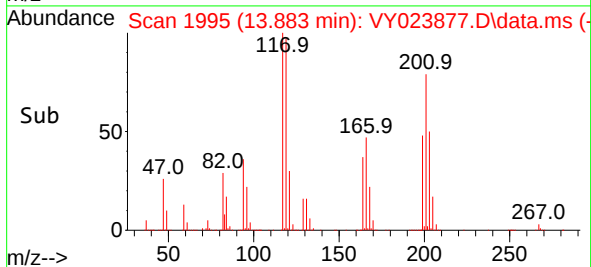
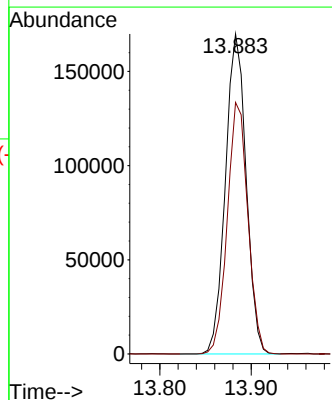
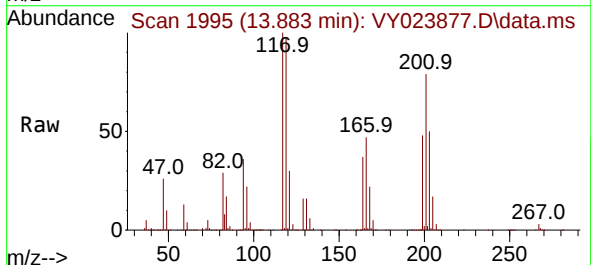
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

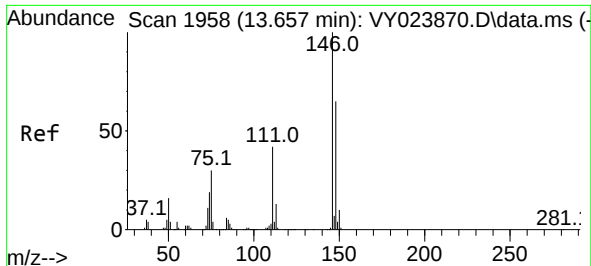
Tgt Ion: 91 Resp: 1244947
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.0
134 26.3 13.0 39.0



#90
Hexachloroethane
Concen: 55.984 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023877.D
Acq: 04 Dec 2025 07:31

Tgt Ion: 117 Resp: 267978
Ion Ratio Lower Upper
117 100
201 78.0 39.1 117.2

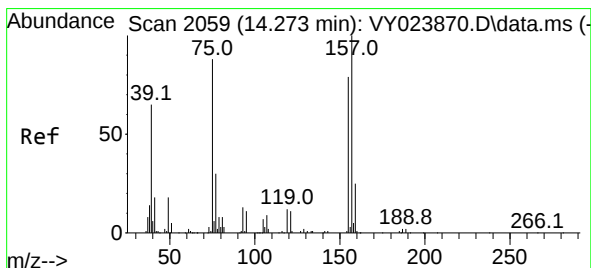
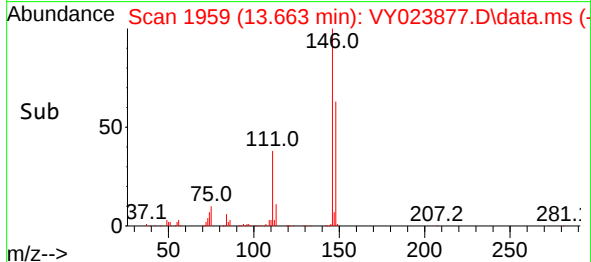
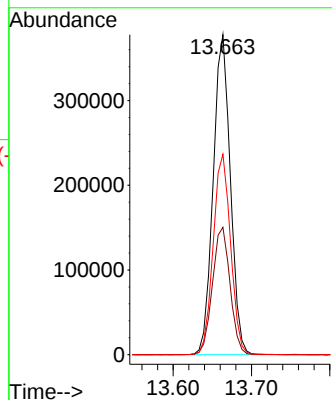
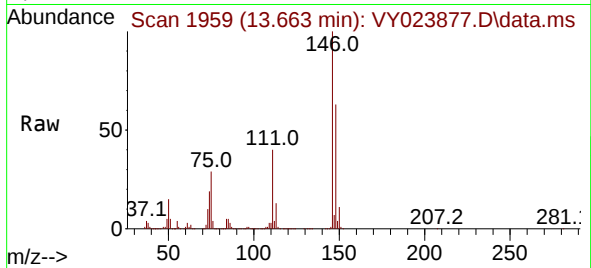




#91
 1,2-Dichlorobenzene
 Concen: 55.927 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY023877.D
 Acq: 04 Dec 2025 07:31

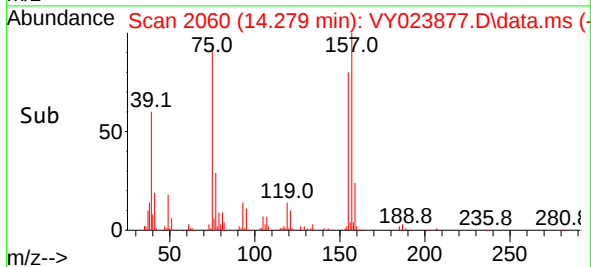
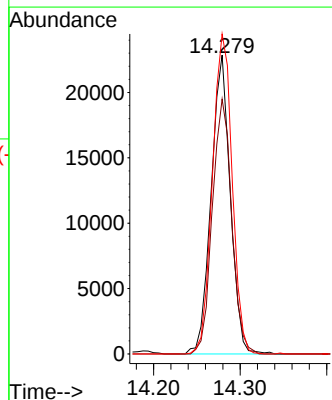
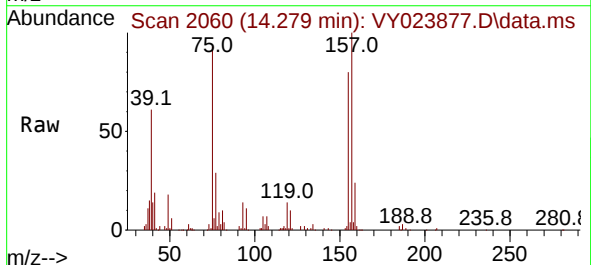
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

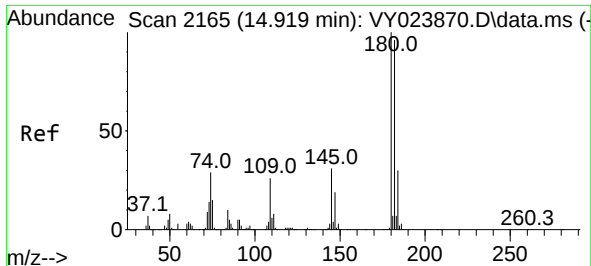
Tgt Ion:146 Resp: 575610
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.4 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.579 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY023877.D
 Acq: 04 Dec 2025 07:31

Tgt Ion: 75 Resp: 35016
 Ion Ratio Lower Upper
 75 100
 155 86.5 44.4 133.2
 157 110.5 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 54.754 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

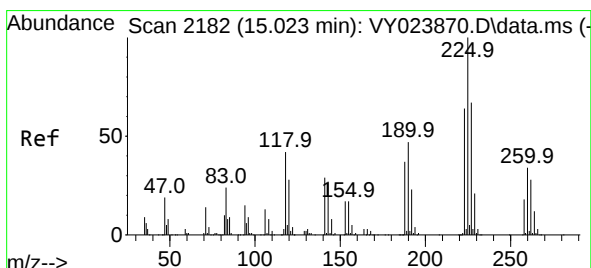
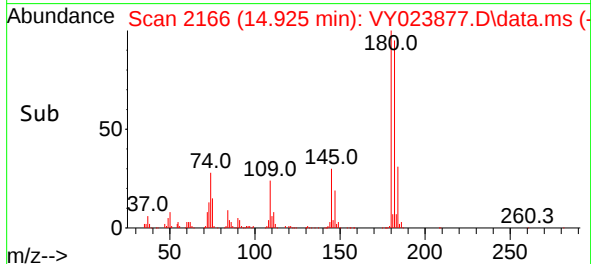
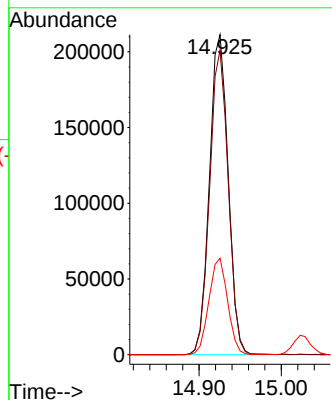
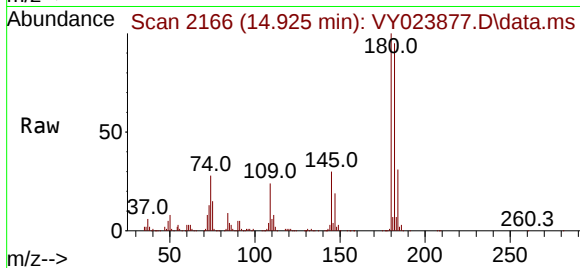
Tgt Ion:180 Resp: 334113

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 30.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 56.482 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

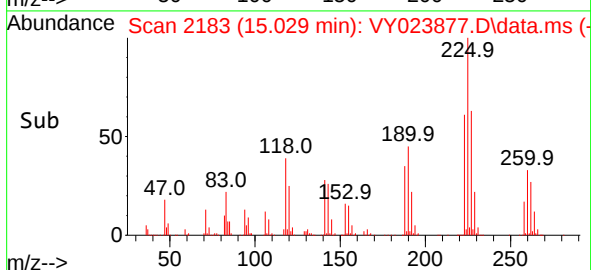
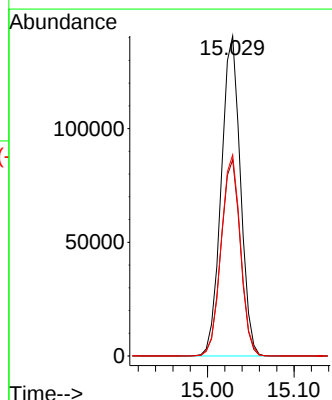
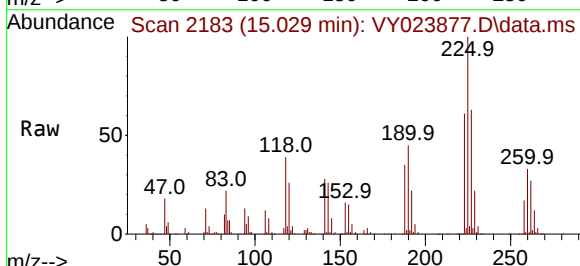
Tgt Ion:225 Resp: 216238

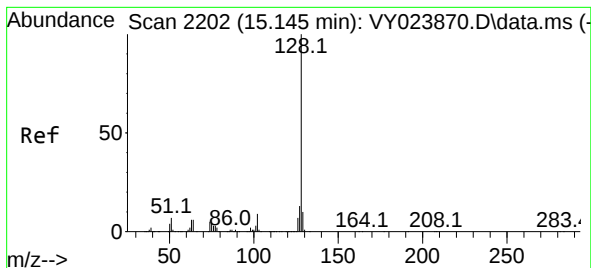
Ion Ratio Lower Upper

225 100

223 61.8 31.6 95.0

227 63.3 32.6 97.8





#95

Naphthalene

Concen: 55.660 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

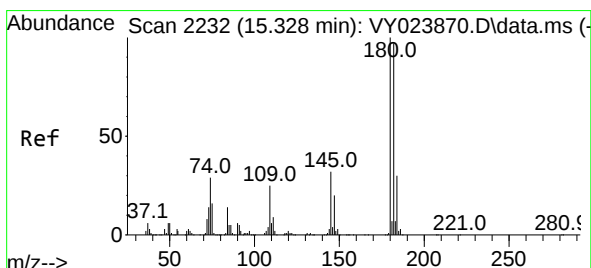
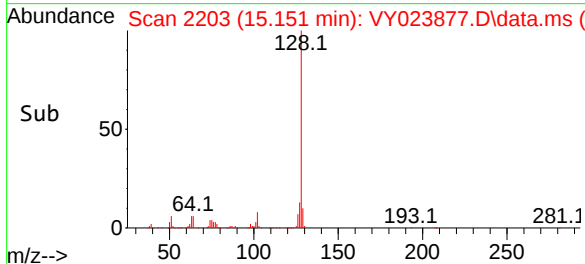
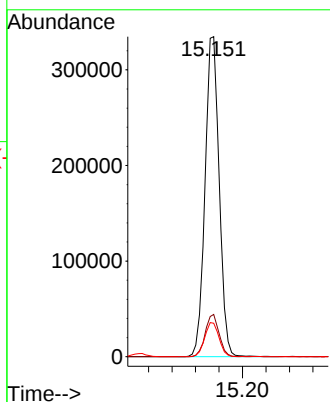
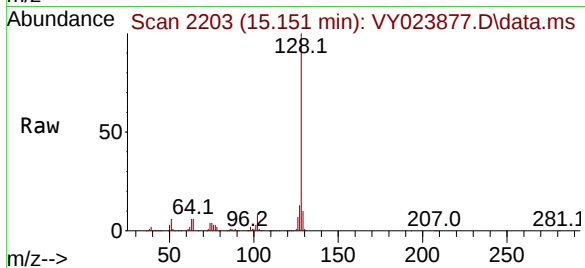
Tgt Ion:128 Resp: 559736

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.912 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023877.D

Acq: 04 Dec 2025 07:31

Tgt Ion:180 Resp: 280732

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.8

145 32.0 15.7 47.1

