

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023559.D
 Acq On : 24 Oct 2025 08:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	558901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	809883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	380279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	208884	44.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.380%
35) Dibromofluoromethane	7.634	113	246096	49.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.900%
50) Toluene-d8	10.109	98	902938	48.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.407	95	304706	49.801	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	165459	41.129	ug/l	96
3) Chloromethane	2.074	50	219496	40.052	ug/l	99
4) Vinyl Chloride	2.208	62	301831	42.285	ug/l	100
5) Bromomethane	2.598	94	272400	45.475	ug/l	99
6) Chloroethane	2.738	64	217301	44.661	ug/l	99
7) Trichlorofluoromethane	3.061	101	471600	47.584	ug/l	100
8) Diethyl Ether	3.458	74	133898	51.703	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.817	101	263863	51.306	ug/l	98
10) Methyl Iodide	4.006	142	326535	57.032	ug/l	97
11) Tert butyl alcohol	4.854	59	102526	294.878	ug/l	97
12) 1,1-Dichloroethene	3.793	96	251789	50.504	ug/l	100
13) Acrolein	3.653	56	33834	68.867	ug/l	99
14) Allyl chloride	4.384	41	289064	47.575	ug/l	97
15) Acrylonitrile	5.061	53	256147	258.449	ug/l	99
16) Acetone	3.866	43	282132	253.570	ug/l	96
17) Carbon Disulfide	4.110	76	647806	45.399	ug/l	100
18) Methyl Acetate	4.384	43	156234	53.529	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	663717	55.391	ug/l	94
20) Methylene Chloride	4.616	84	282698	46.987	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	285348	51.986	ug/l	99
22) Diisopropyl ether	6.018	45	690797	51.399	ug/l	96
23) Vinyl Acetate	5.963	43	1822354	250.506	ug/l	95
24) 1,1-Dichloroethane	5.921	63	454990	51.107	ug/l	99
25) 2-Butanone	6.896	43	346329	254.962	ug/l	98
26) 2,2-Dichloropropane	6.890	77	436383	53.419	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	348158	54.911	ug/l	95
28) Bromochloromethane	7.250	49	138645	41.717	ug/l	89
29) Tetrahydrofuran	7.262	42	193584	251.315	ug/l	93
30) Chloroform	7.420	83	521543	53.320	ug/l	100
31) Cyclohexane	7.707	56	360008	46.305	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	467412	52.584	ug/l	99
36) 1,1-Dichloropropene	7.835	75	345033	52.372	ug/l	99
37) Ethyl Acetate	6.981	43	131442	50.360	ug/l	96
38) Carbon Tetrachloride	7.823	117	427890	53.563	ug/l	99
39) Methylcyclohexane	9.109	83	454580	52.994	ug/l	99
40) Benzene	8.085	78	1117791	53.575	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	76239	54.008	ug/l	94
42) 1,2-Dichloroethane	8.158	62	273693	50.864	ug/l	97
43) Isopropyl Acetate	8.201	43	271189	52.107	ug/l #	85
44) Trichloroethene	8.865	130	334751	54.817	ug/l	98
45) 1,2-Dichloropropane	9.140	63	246074	53.397	ug/l	98
46) Dibromomethane	9.231	93	160236	54.988	ug/l	98
47) Bromodichloromethane	9.426	83	402796	54.883	ug/l	100
48) Methyl methacrylate	9.219	41	124097	50.755	ug/l	90
49) 1,4-Dioxane	9.231	88	38729	1146.304	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	731786	272.142	ug/l	97
52) Toluene	10.170	92	751520	55.476	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	353434	55.385	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	421103	55.911	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	222722	56.837	ug/l	98
56) Ethyl methacrylate	10.438	69	271697	60.107	ug/l	93
57) 1,3-Dichloropropane	10.719	76	346039	55.727	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	547857	270.556	ug/l	97
59) 2-Hexanone	10.761	43	528461	275.001	ug/l	95
60) Dibromochloromethane	10.914	129	315067	57.348	ug/l	100
61) 1,2-Dibromoethane	11.017	107	213108	57.024	ug/l	100
64) Tetrachloroethene	10.645	164	410235	55.753	ug/l	98
65) Chlorobenzene	11.444	112	872090	56.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	311946	56.479	ug/l	99
67) Ethyl Benzene	11.517	91	1418642	56.546	ug/l	99
68) m/p-Xylenes	11.627	106	1162639	115.537	ug/l	98
69) o-Xylene	11.956	106	555086	58.810	ug/l	97
70) Styrene	11.968	104	915552	58.986	ug/l	99
71) Bromoform	12.133	173	198287	57.877	ug/l #	100
73) Isopropylbenzene	12.255	105	1427449	56.959	ug/l	100
74) N-amyl acetate	12.072	43	240539	53.438	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	228057	55.639	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	299810	89.360	ug/l #	100
77) Bromobenzene	12.529	156	372577	55.922	ug/l	98
78) n-propylbenzene	12.596	91	1644549	56.707	ug/l	99
79) 2-Chlorotoluene	12.682	91	947547	55.795	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	1157792	57.172	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	77712	56.799	ug/l	95
82) 4-Chlorotoluene	12.779	91	966872	55.281	ug/l	98
83) tert-Butylbenzene	12.993	119	1094487	58.535	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	1158715	57.333	ug/l	100
85) sec-Butylbenzene	13.175	105	1549057	57.753	ug/l	100
86) p-Isopropyltoluene	13.291	119	1337700	58.577	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	720888	55.564	ug/l	100
88) 1,4-Dichlorobenzene	13.364	146	713367	55.673	ug/l	100
89) n-Butylbenzene	13.614	91	1156866	58.138	ug/l	99
90) Hexachloroethane	13.877	117	266678	54.294	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	642214	56.461	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	35210	52.353	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	405098	57.127	ug/l	99
94) Hexachlorobutadiene	15.023	225	244033	55.207	ug/l	100
95) Naphthalene	15.145	128	662767	58.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.327	180	346789	56.460	ug/l	99

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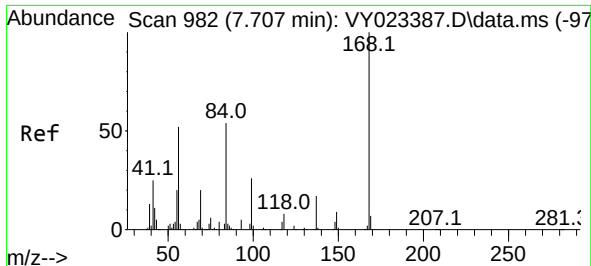
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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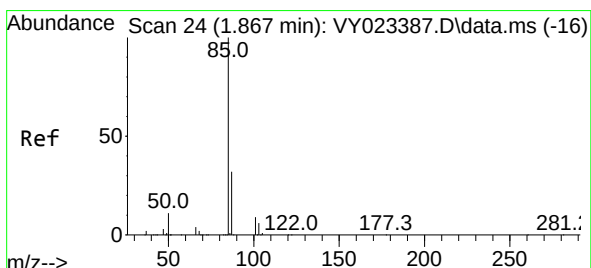
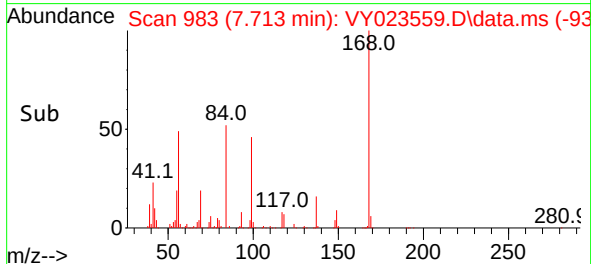
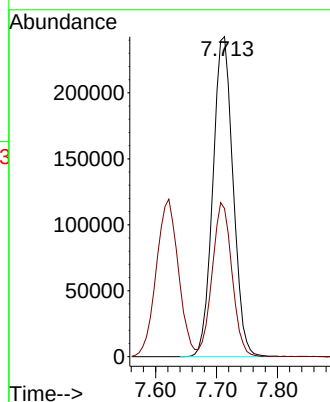
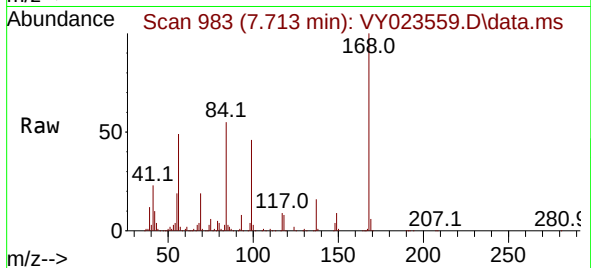




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023559.D
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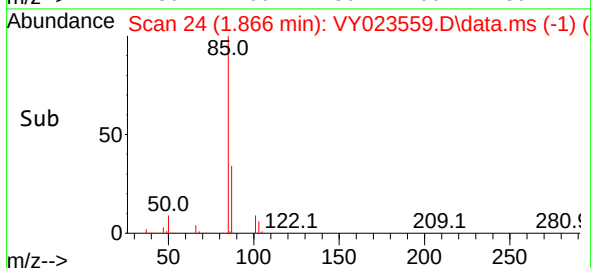
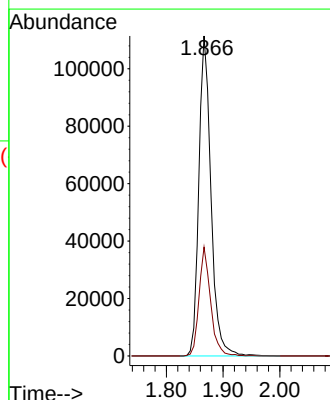
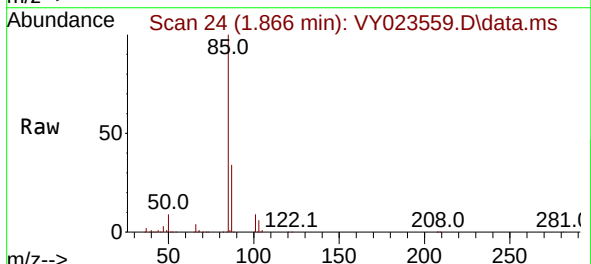
Instrument :
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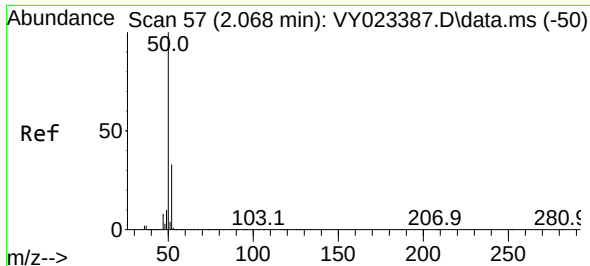
Tgt Ion:168 Resp: 558901
Ion Ratio Lower Upper
168 100
99 46.3 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 41.129 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 85 Resp: 165459
Ion Ratio Lower Upper
85 100
87 34.0 16.0 47.9

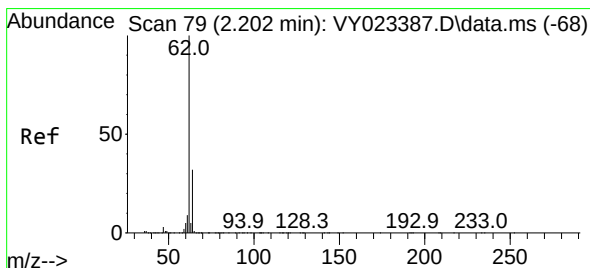
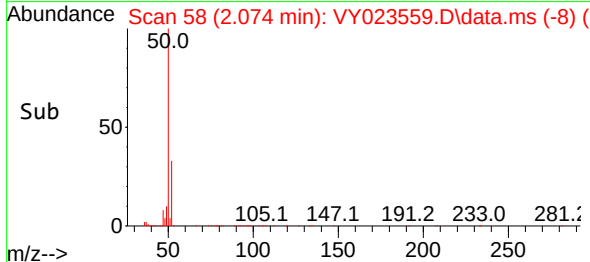
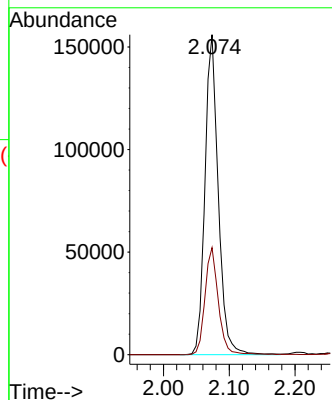
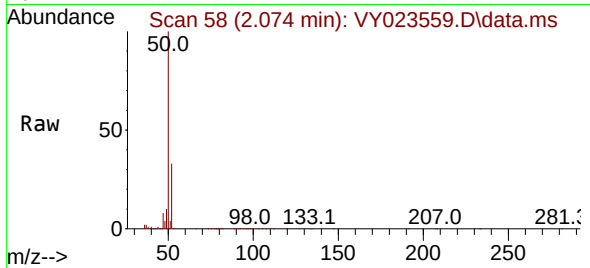




#3
Chloromethane
Concen: 40.052 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023559.D
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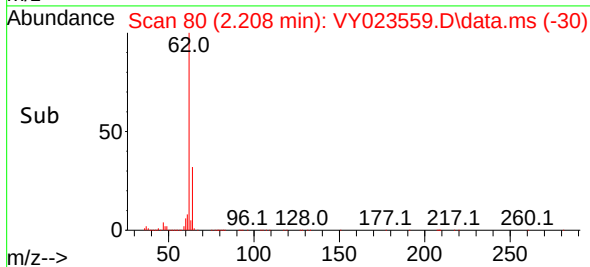
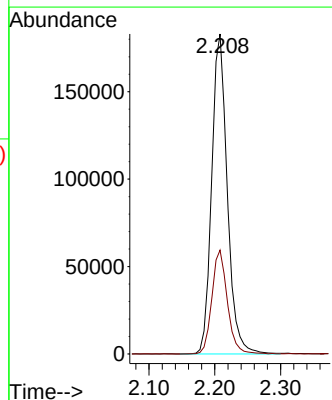
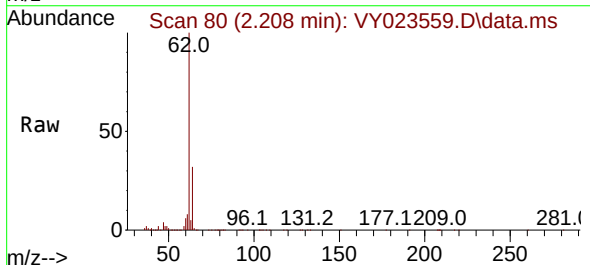
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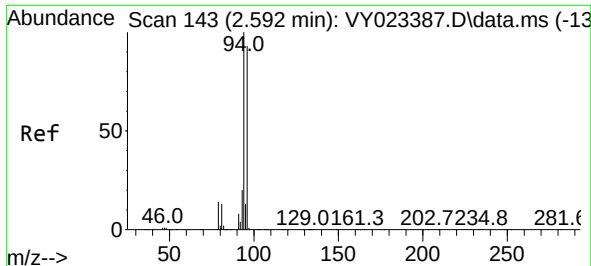
Tgt Ion: 50 Resp: 219496
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 42.285 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 62 Resp: 301831
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.8

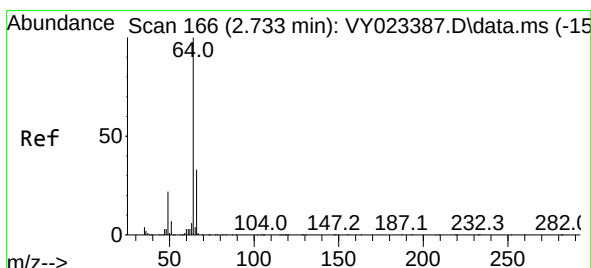
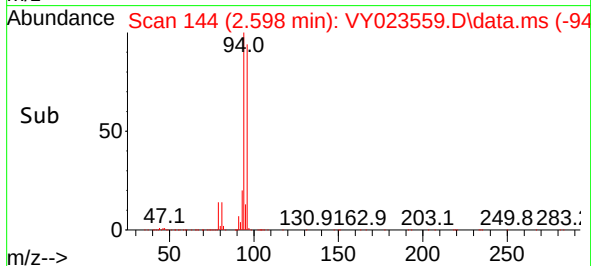
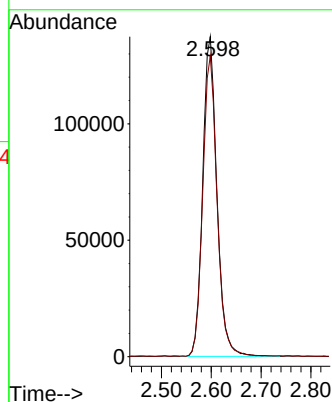
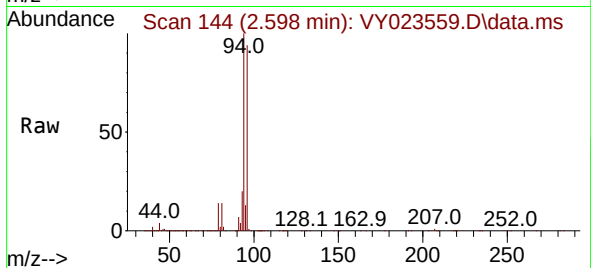




#5
Bromomethane
Concen: 45.475 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

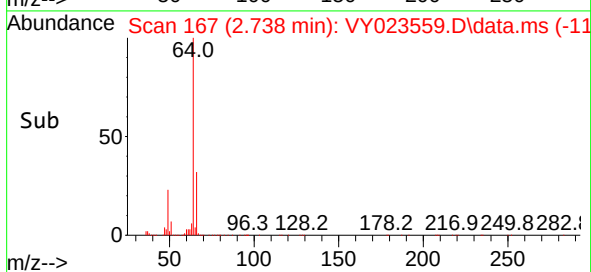
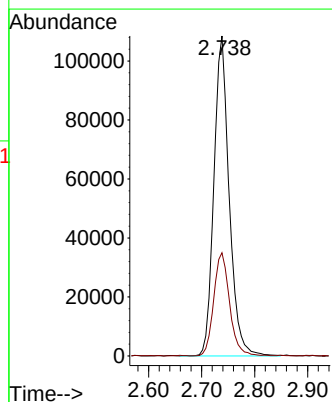
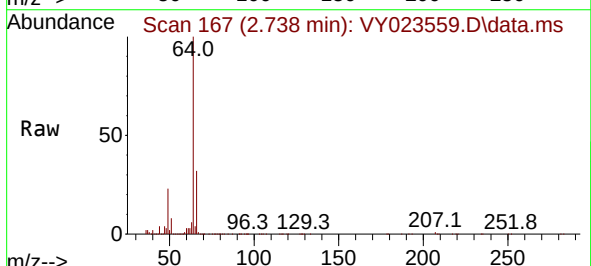
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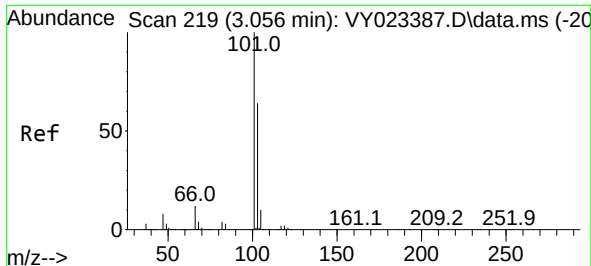
Tgt Ion: 94 Resp: 272400
Ion Ratio Lower Upper
94 100
96 93.9 74.5 111.7



#6
Chloroethane
Concen: 44.661 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 64 Resp: 217301
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4

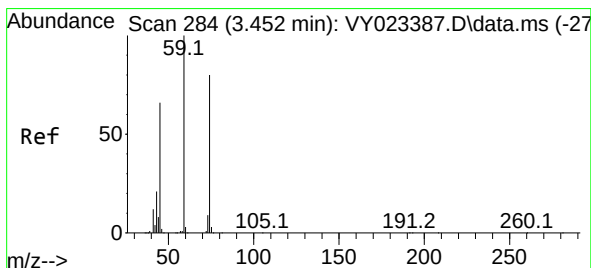
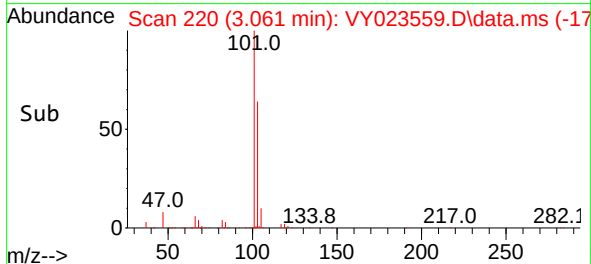
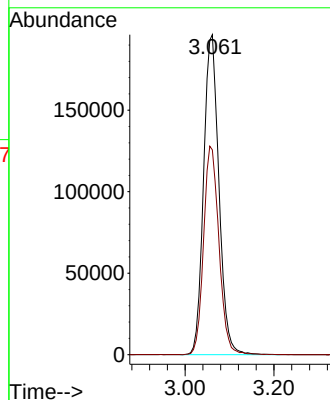
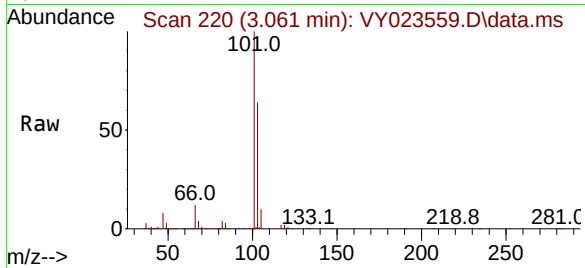




#7
Trichlorofluoromethane
Concen: 47.584 ug/l
RT: 3.061 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

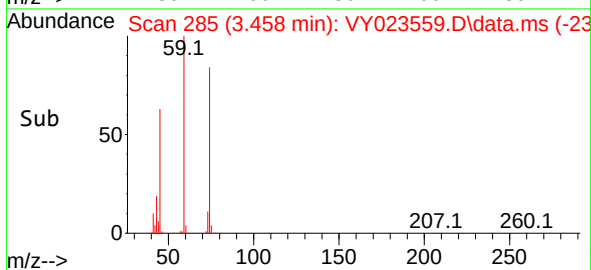
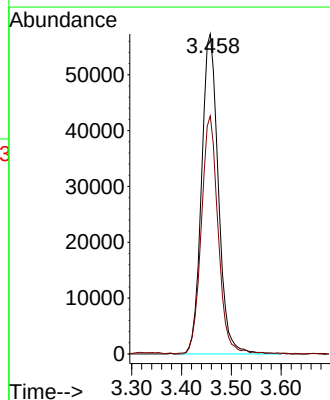
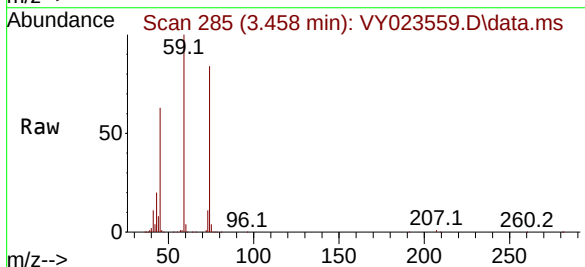
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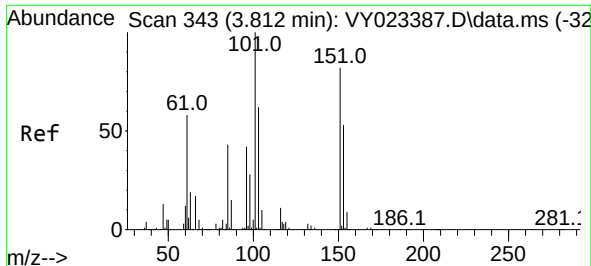
Tgt Ion:101 Resp: 471600
Ion Ratio Lower Upper
101 100
103 63.9 51.3 76.9



#8
Diethyl Ether
Concen: 51.703 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 74 Resp: 133898
Ion Ratio Lower Upper
74 100
45 74.5 39.9 119.7

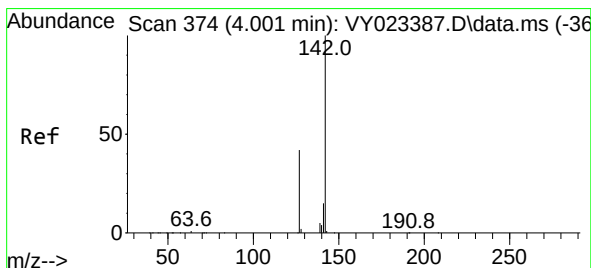
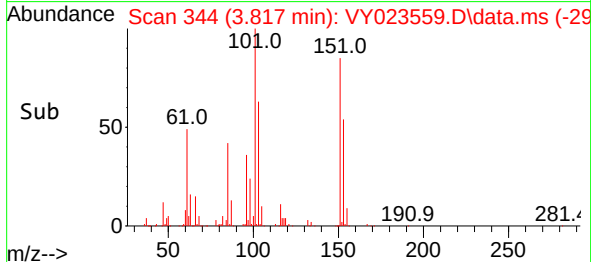
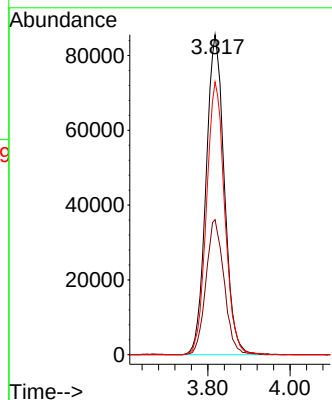
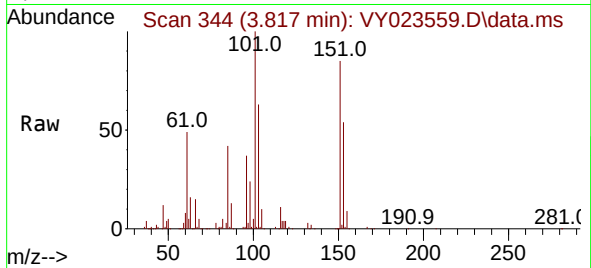




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.306 ug/l
RT: 3.817 min Scan# 343
Delta R.T. 0.006 min
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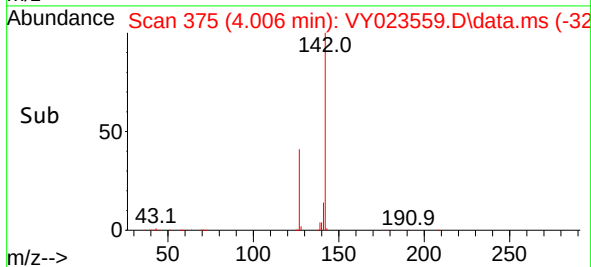
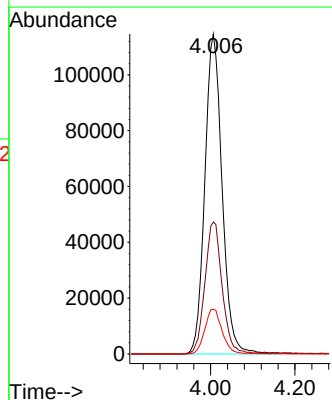
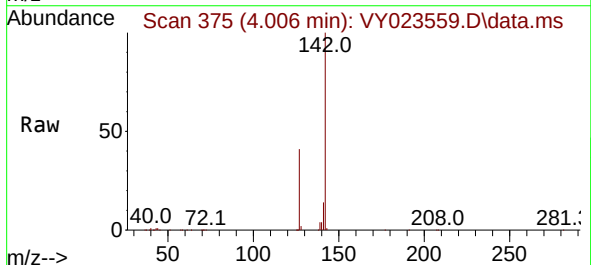
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

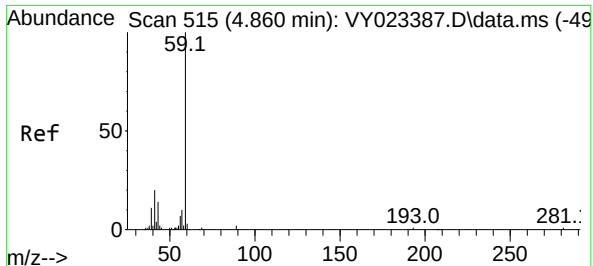
Tgt Ion:101 Resp: 263863
Ion Ratio Lower Upper
101 100
85 41.9 34.6 51.8
151 85.0 67.0 100.6



#10
Methyl Iodide
Concen: 57.032 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:142 Resp: 326535
Ion Ratio Lower Upper
142 100
127 41.1 34.8 52.2
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 294.878 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

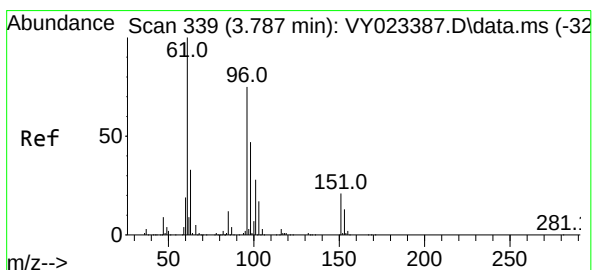
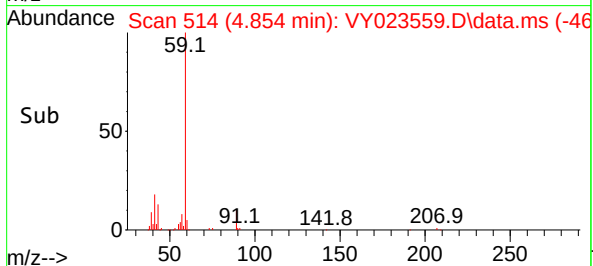
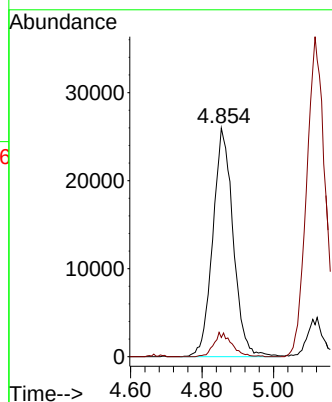
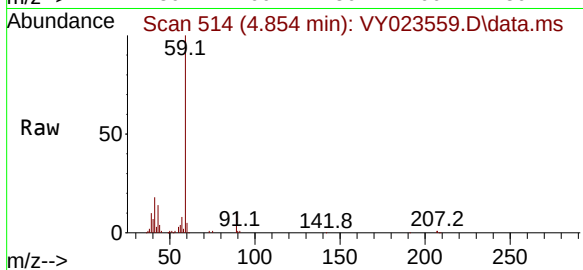
VSTDCCC050

Tgt Ion: 59 Resp: 102526

Ion Ratio Lower Upper

59 100

57 9.3 8.3 12.5



#12

1,1-Dichloroethene

Concen: 50.504 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

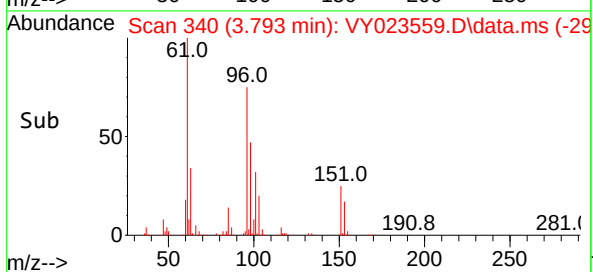
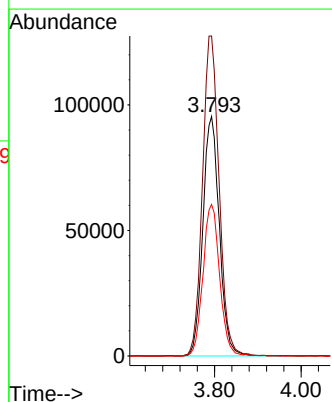
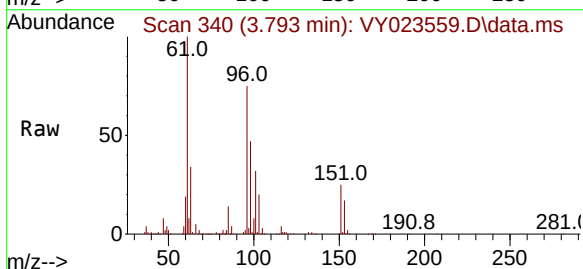
Tgt Ion: 96 Resp: 251789

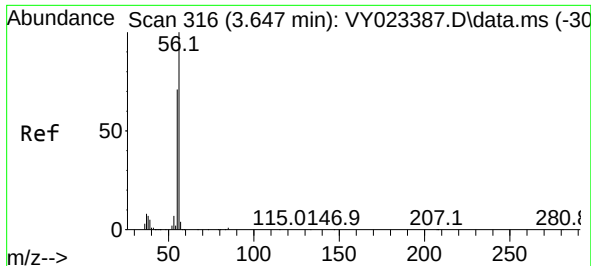
Ion Ratio Lower Upper

96 100

61 133.6 106.7 160.1

98 63.3 50.2 75.4





#13

Acrolein

Concen: 68.867 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

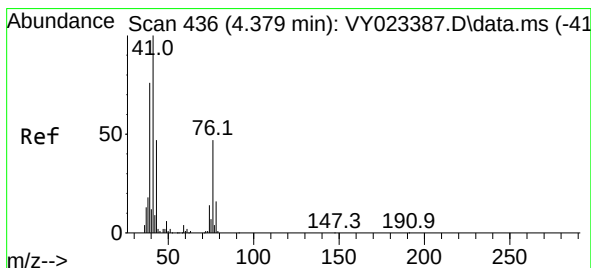
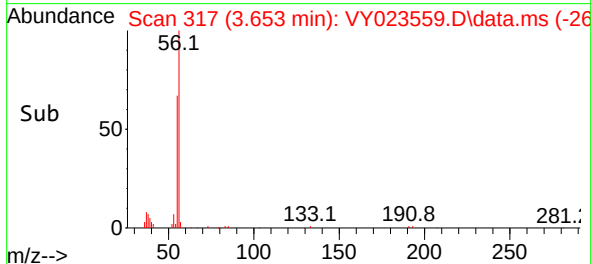
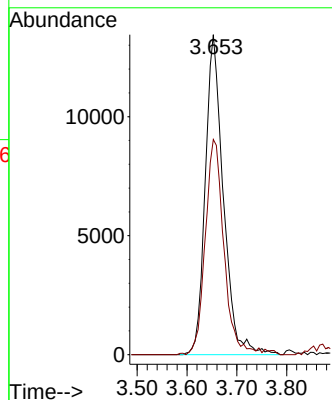
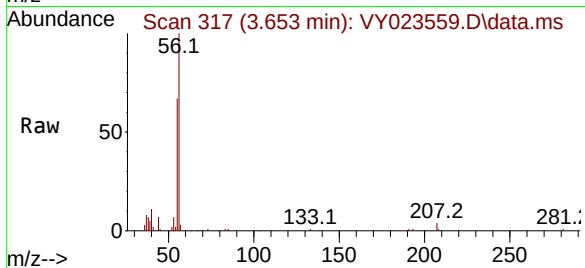
VSTDCCC050

Tgt Ion: 56 Resp: 33834

Ion Ratio Lower Upper

56 100

55 69.0 56.1 84.1



#14

Allyl chloride

Concen: 47.575 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

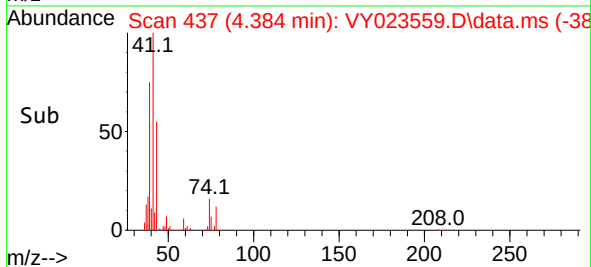
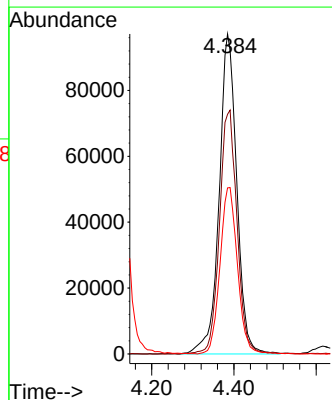
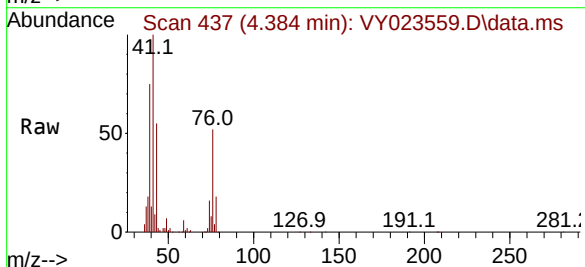
Tgt Ion: 41 Resp: 289064

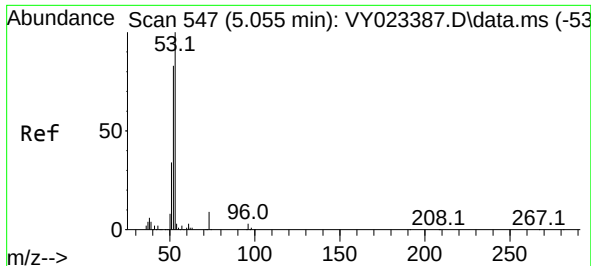
Ion Ratio Lower Upper

41 100

39 76.1 59.9 89.9

76 51.5 38.0 57.0

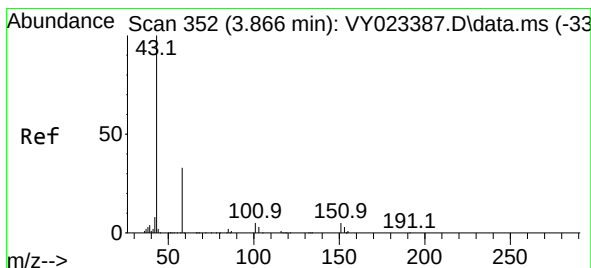
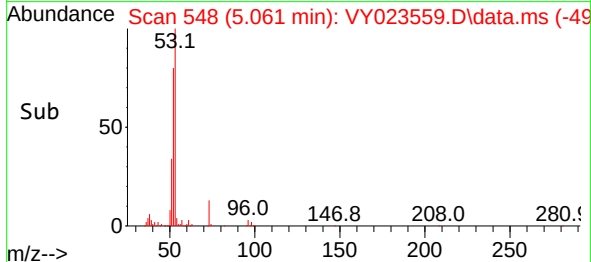
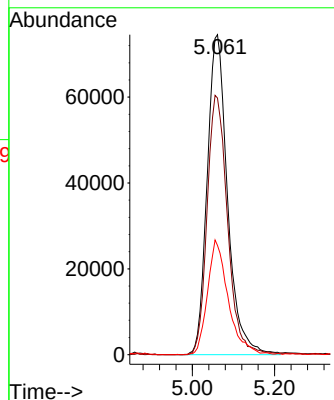
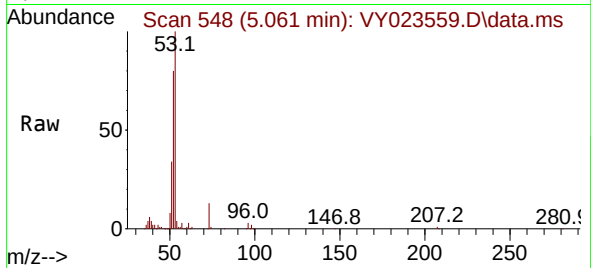




#15
Acrylonitrile
Concen: 258.449 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

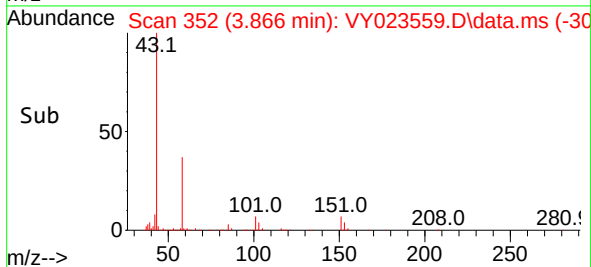
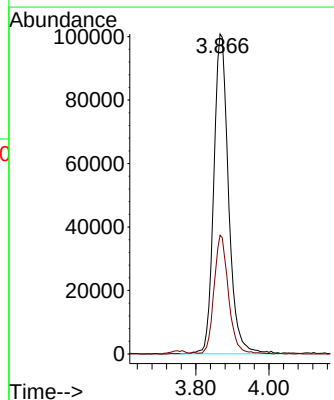
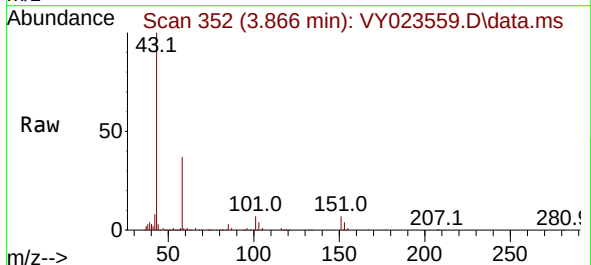
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

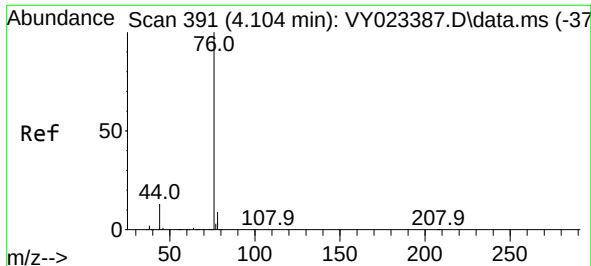
Tgt Ion: 53 Resp: 256147
Ion Ratio Lower Upper
53 100
52 81.3 64.6 97.0
51 36.4 29.5 44.3



#16
Acetone
Concen: 253.570 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 282132
Ion Ratio Lower Upper
43 100
58 37.0 27.7 41.5

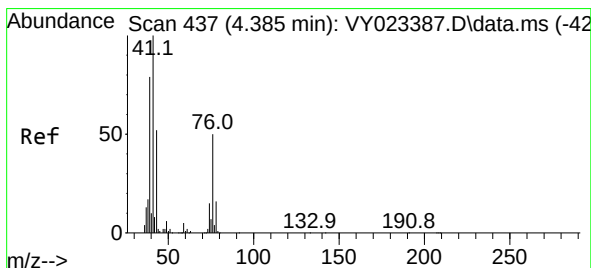
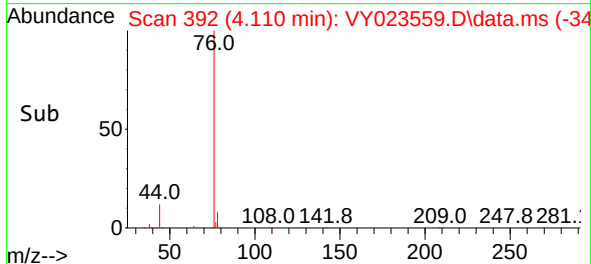
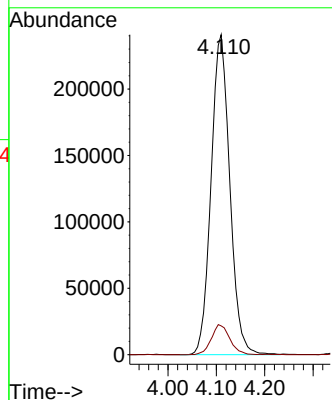
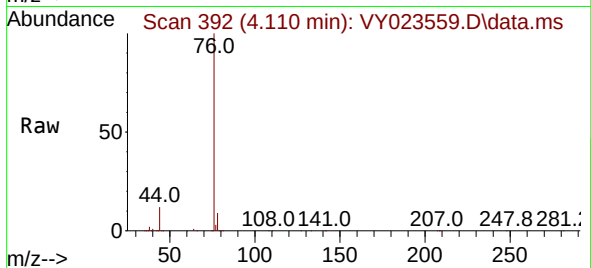




#17
Carbon Disulfide
Concen: 45.399 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

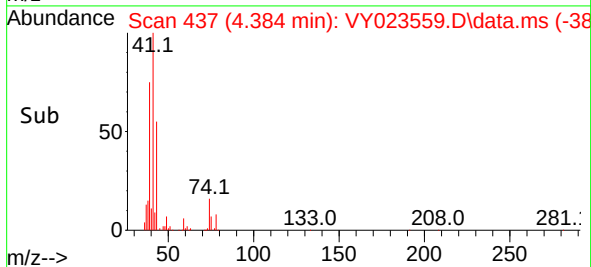
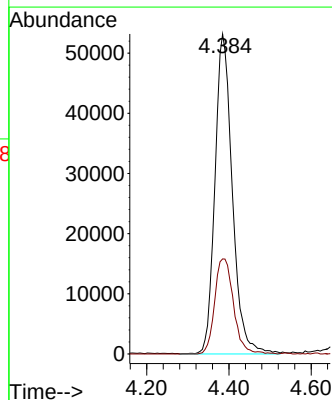
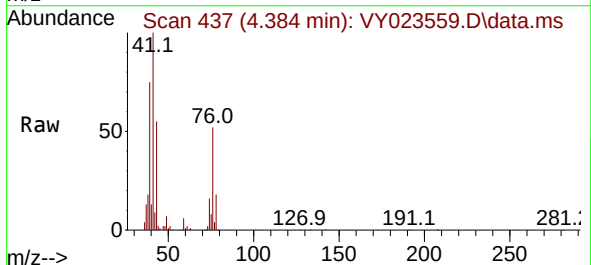
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

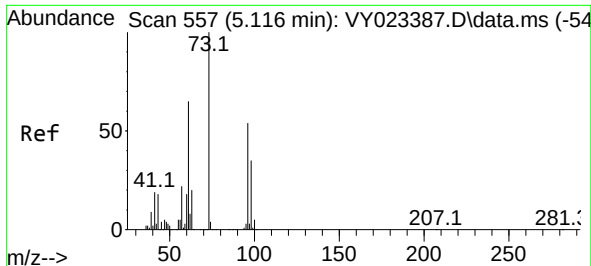
Tgt Ion: 76 Resp: 647806
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 53.529 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 156234
Ion Ratio Lower Upper
43 100
74 32.2 24.2 36.4

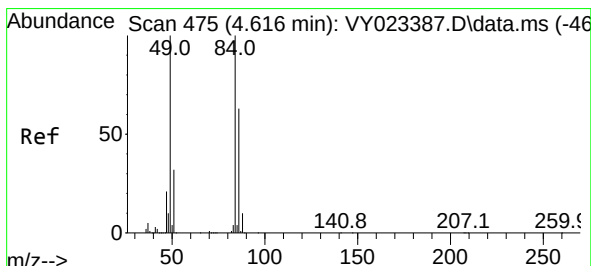
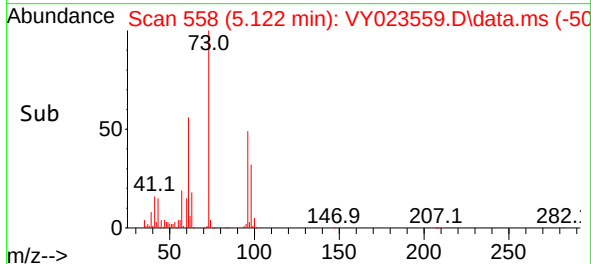
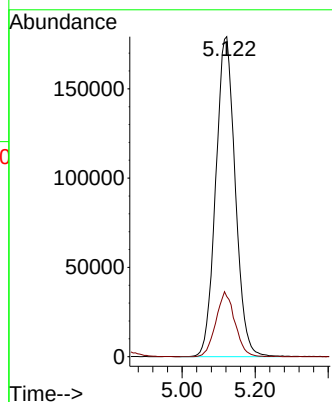
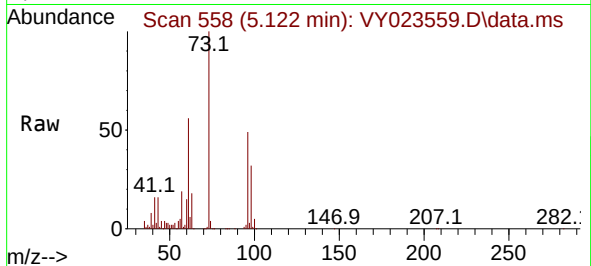




#19
Methyl tert-butyl Ether
Concen: 55.391 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

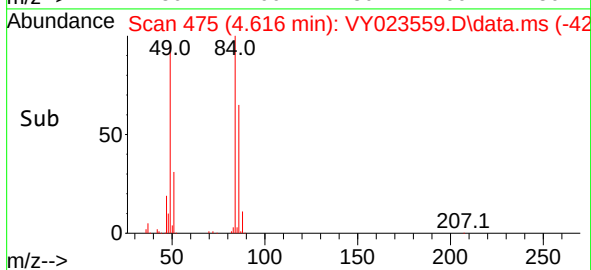
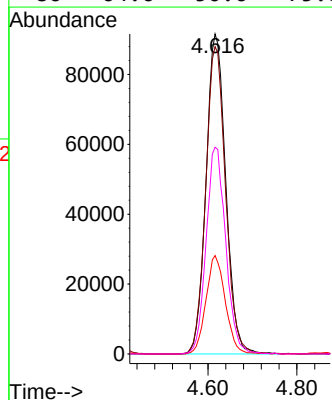
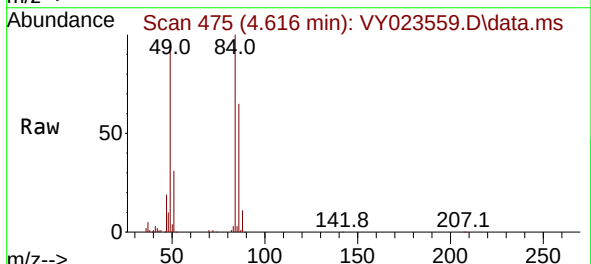
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

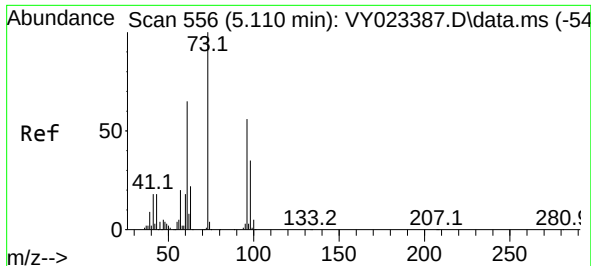
Tgt Ion: 73 Resp: 663717
Ion Ratio Lower Upper
73 100
57 18.8 17.4 26.0



#20
Methylene Chloride
Concen: 46.987 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 84 Resp: 282698
Ion Ratio Lower Upper
84 100
49 96.0 80.2 120.4
51 30.8 25.9 38.9
86 64.6 50.6 75.8

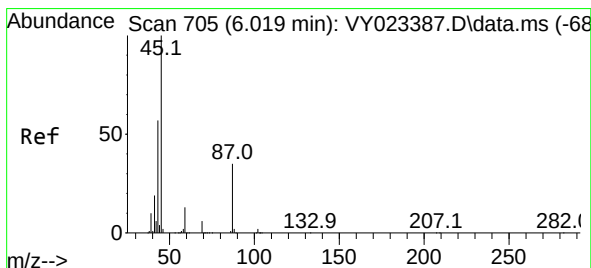
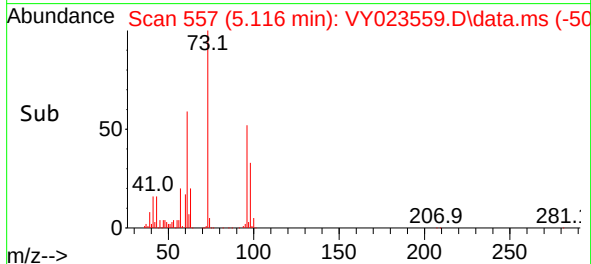
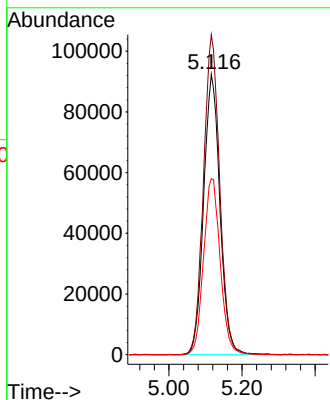
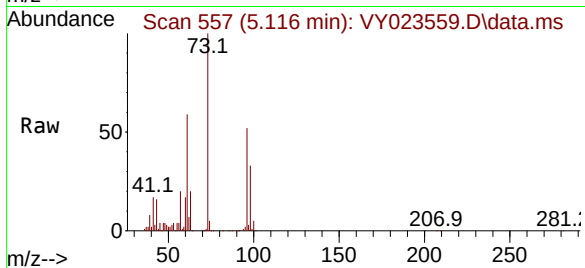




#21
trans-1,2-Dichloroethene
Concen: 51.986 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

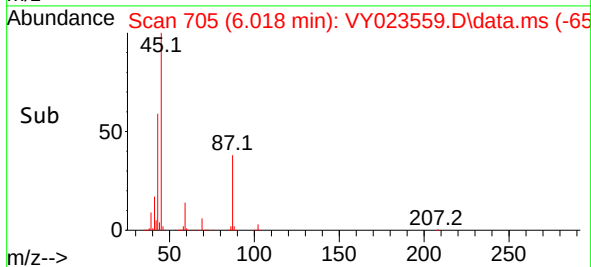
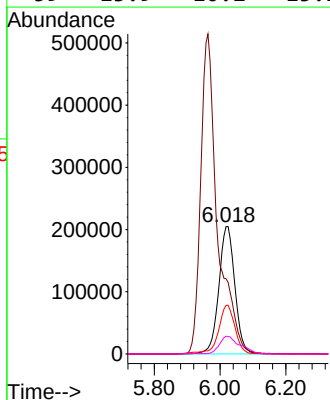
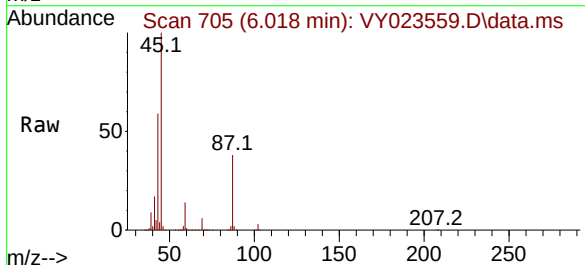
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

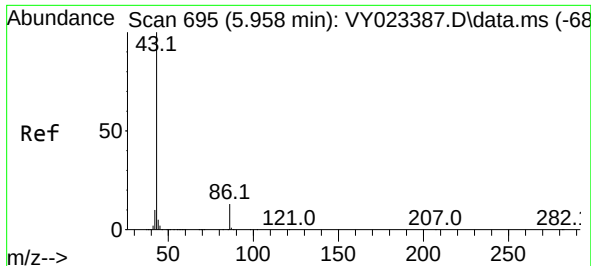
Tgt Ion: 96 Resp: 285348
Ion Ratio Lower Upper
96 100
61 114.1 92.7 139.1
98 62.8 49.7 74.5



#22
Diisopropyl ether
Concen: 51.399 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 45 Resp: 690797
Ion Ratio Lower Upper
45 100
43 59.1 45.6 68.4
87 38.2 28.1 42.1
59 13.9 10.2 15.2

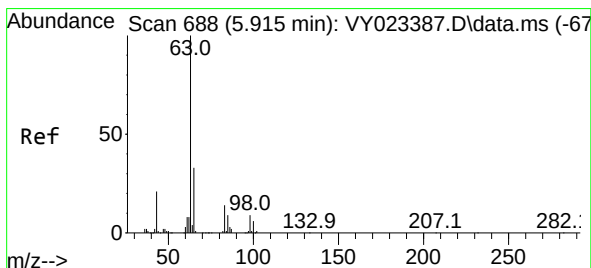
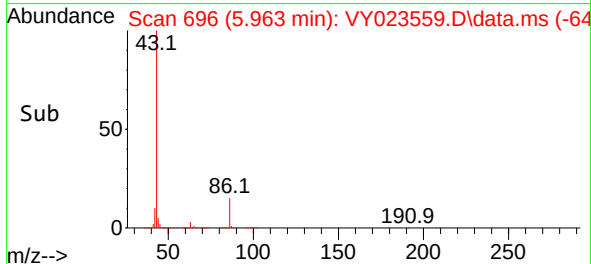
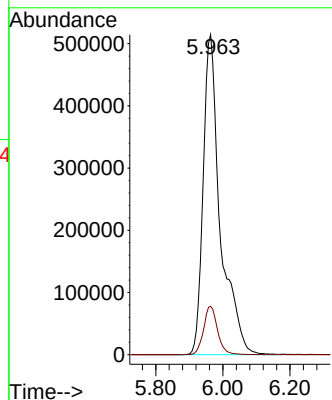
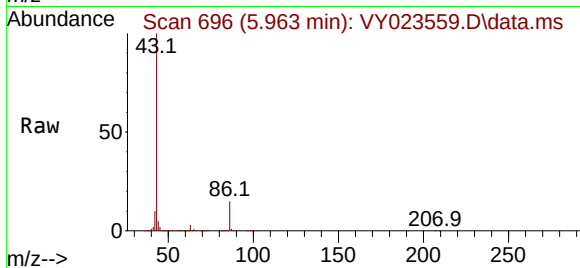




#23
 Vinyl Acetate
 Concen: 250.506 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023559.D
 Acq: 24 Oct 2025 08:56

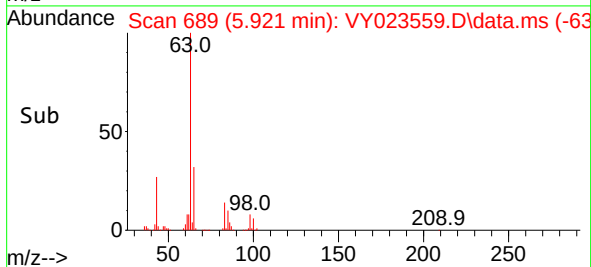
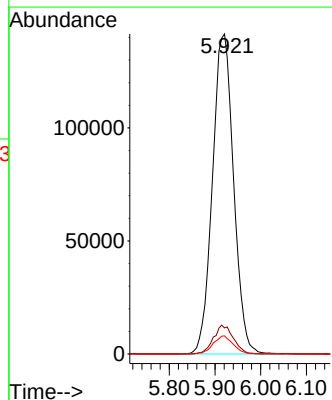
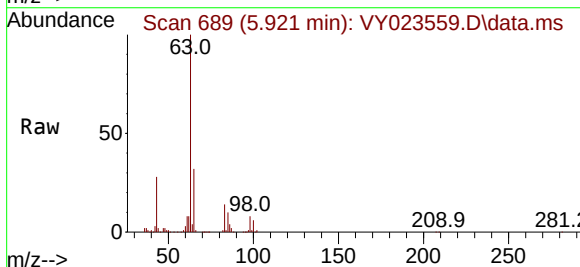
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

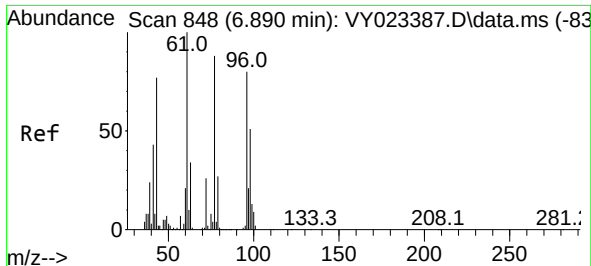
Tgt Ion: 43 Resp: 1822354
 Ion Ratio Lower Upper
 43 100
 86 15.1 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 51.107 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023559.D
 Acq: 24 Oct 2025 08:56

Tgt Ion: 63 Resp: 454990
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.3 13.1
 100 5.7 2.8 8.4





#25

2-Butanone

Concen: 254.962 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

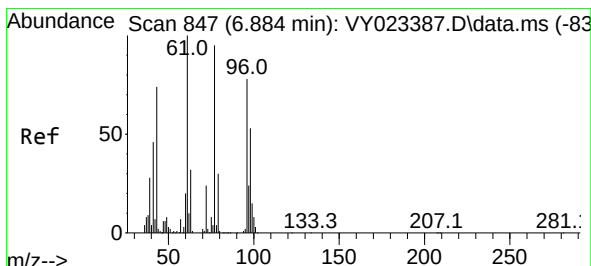
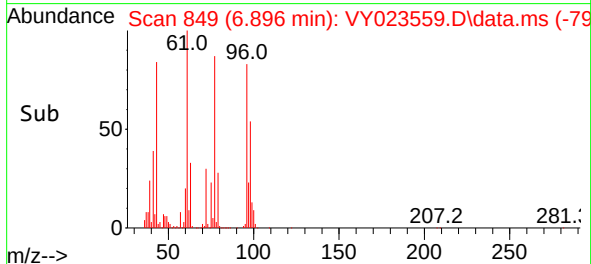
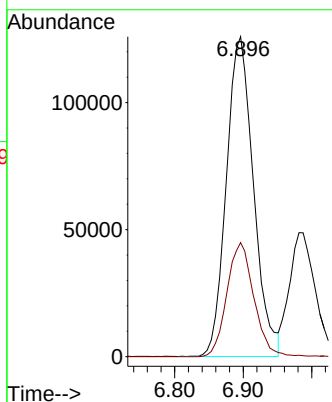
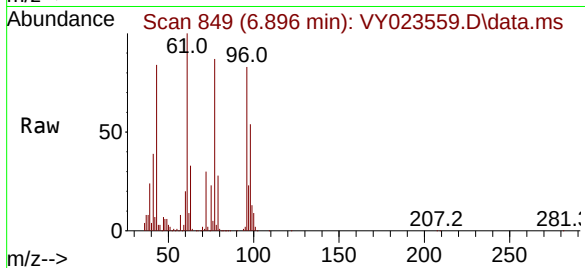
VSTDCCC050

Tgt Ion: 43 Resp: 346329

Ion Ratio Lower Upper

43 100

72 35.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 53.419 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023559.D

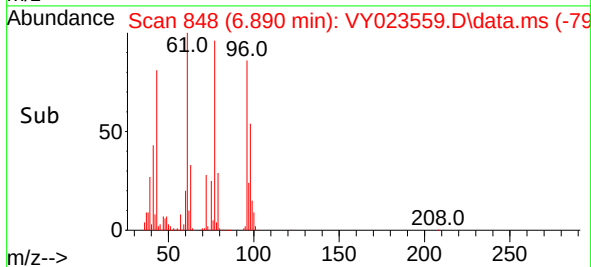
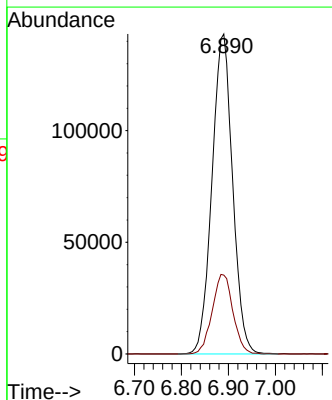
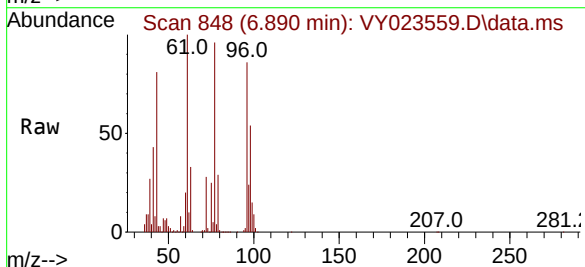
Acq: 24 Oct 2025 08:56

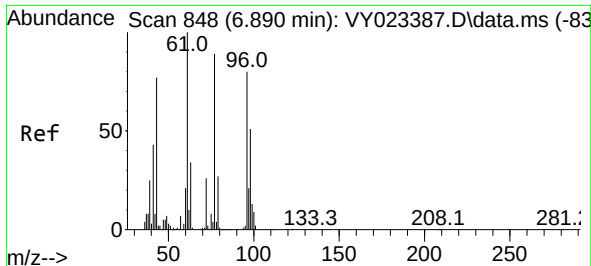
Tgt Ion: 77 Resp: 436383

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 54.911 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

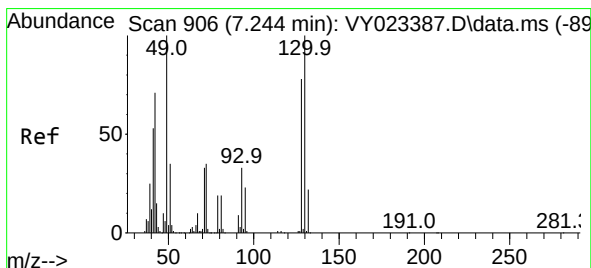
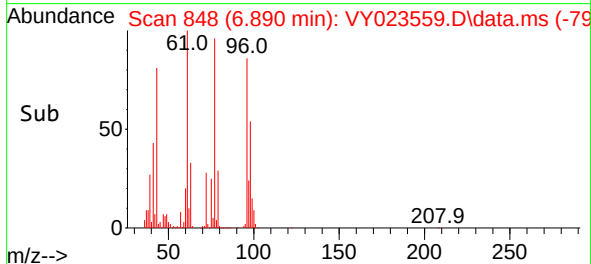
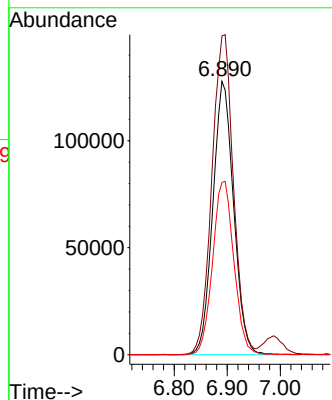
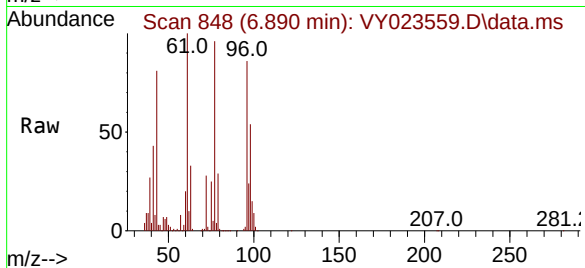
Tgt Ion: 96 Resp: 348158

Ion Ratio Lower Upper

96 100

61 121.2 0.0 258.2

98 64.9 0.0 132.0



#28

Bromochloromethane

Concen: 41.717 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

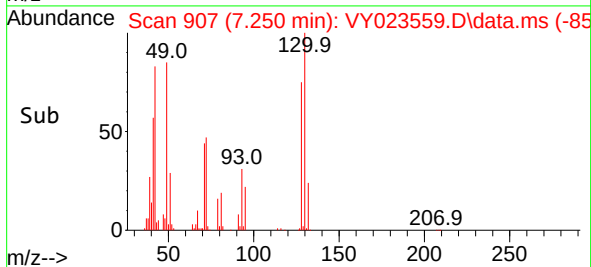
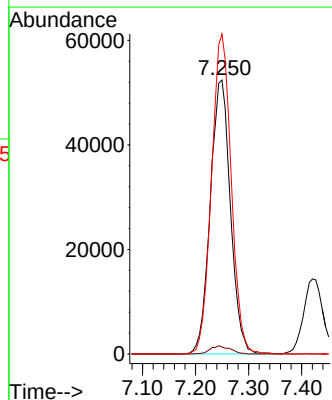
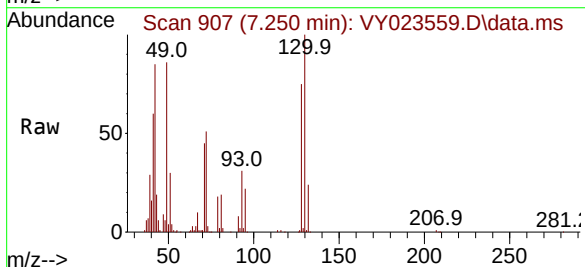
Tgt Ion: 49 Resp: 138645

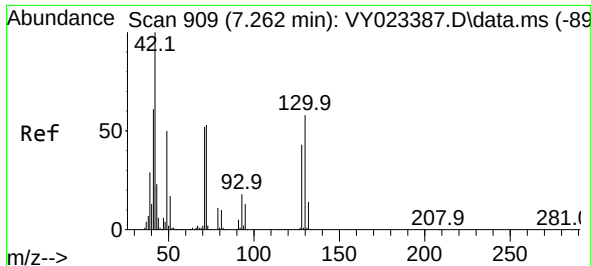
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.6

130 113.9 81.9 122.9





#29

Tetrahydrofuran

Concen: 251.315 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

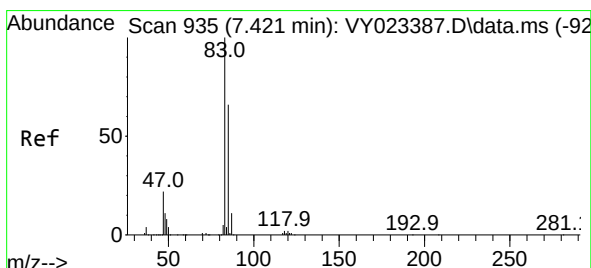
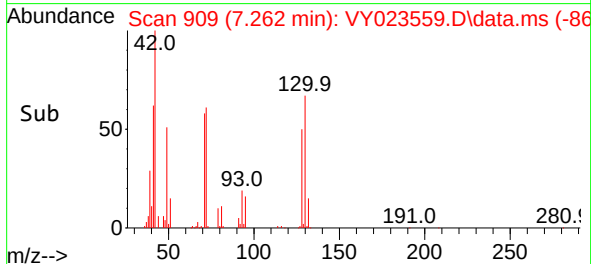
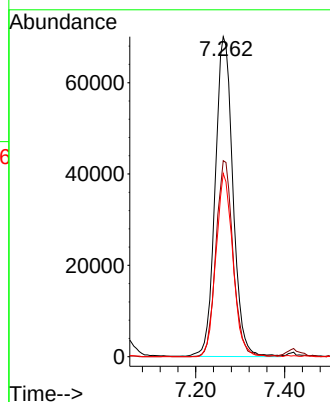
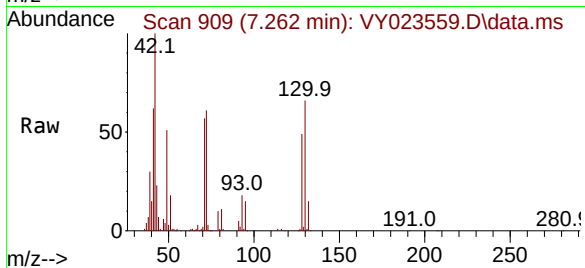
Tgt Ion: 42 Resp: 193584

Ion Ratio Lower Upper

42 100

72 59.3 43.0 64.6

71 54.8 40.1 60.1



#30

Chloroform

Concen: 53.320 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023559.D

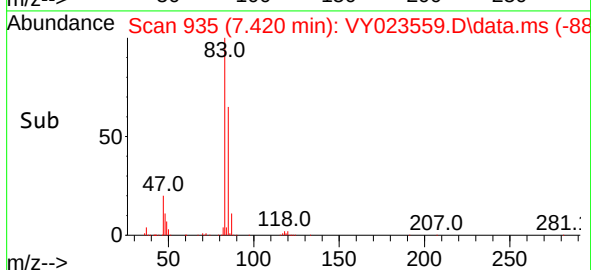
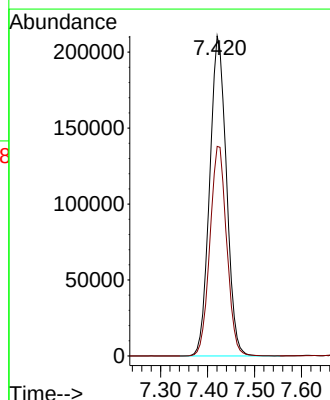
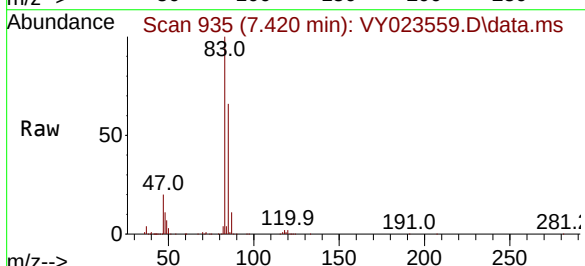
Acq: 24 Oct 2025 08:56

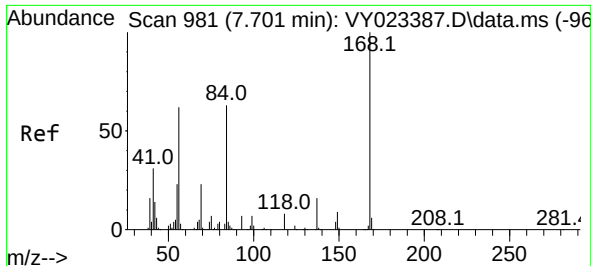
Tgt Ion: 83 Resp: 521543

Ion Ratio Lower Upper

83 100

85 65.5 52.5 78.7

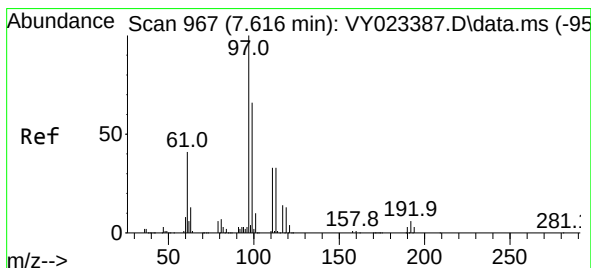
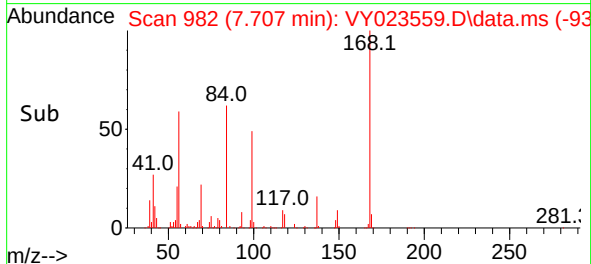
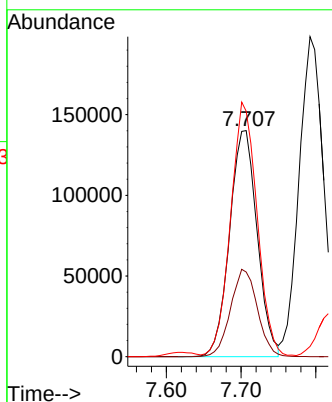
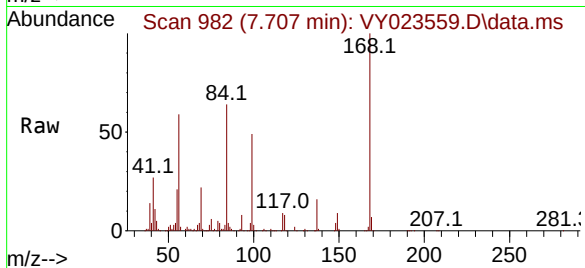




#31
Cyclohexane
Concen: 46.305 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

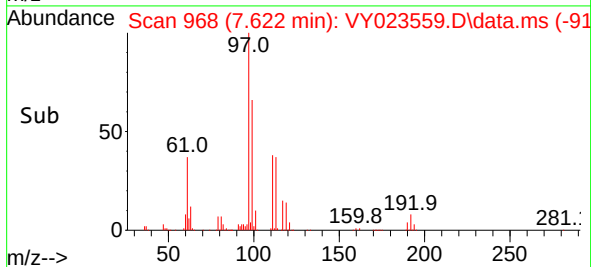
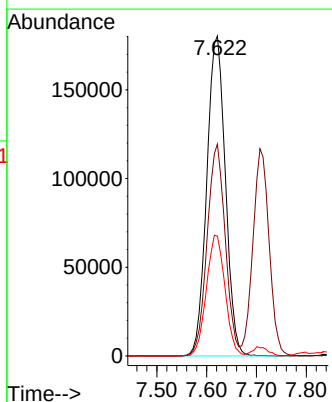
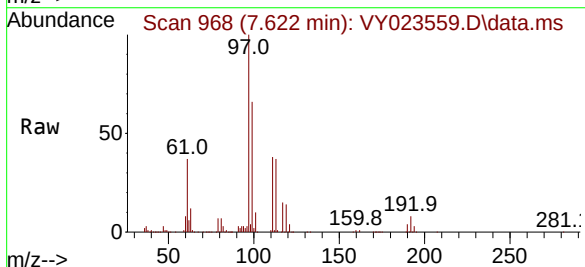
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

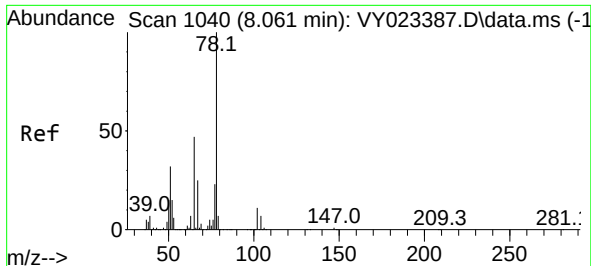
Tgt Ion: 56 Resp: 360008
Ion Ratio Lower Upper
56 100
69 37.4 30.0 45.0
84 106.6 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 52.584 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 97 Resp: 467412
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 37.9 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 44.694 ug/l

RT: 8.060 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

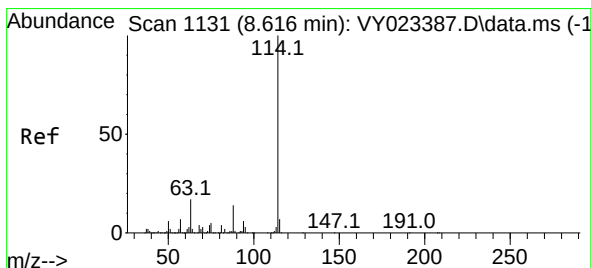
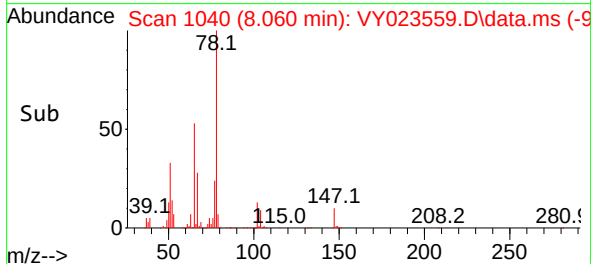
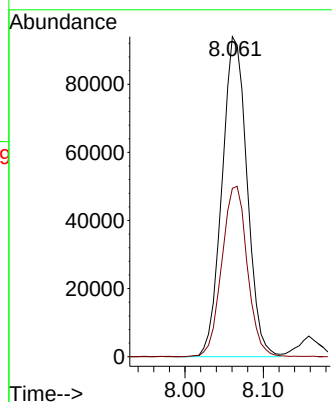
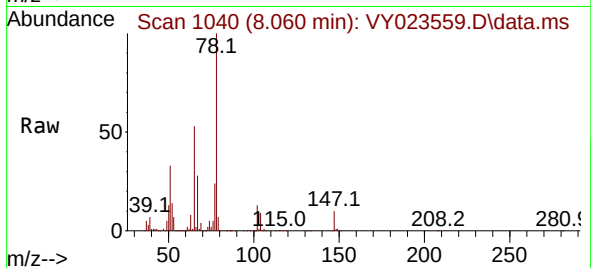
VSTDCCC050

Tgt Ion: 65 Resp: 208884

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

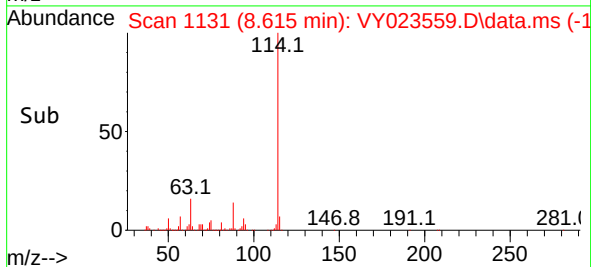
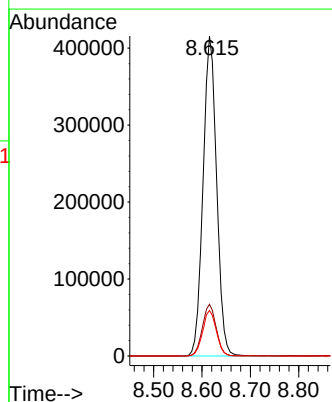
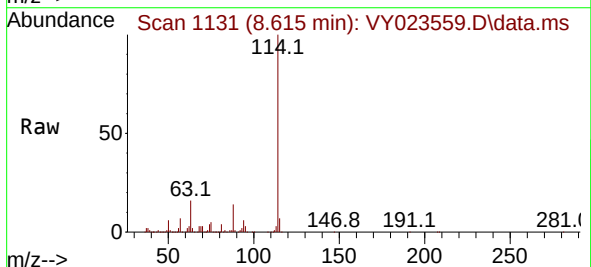
Tgt Ion: 114 Resp: 809883

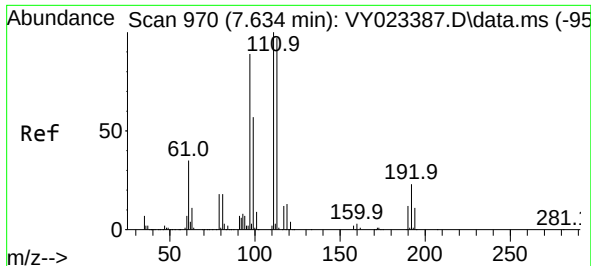
Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.2

88 14.2 0.0 28.4

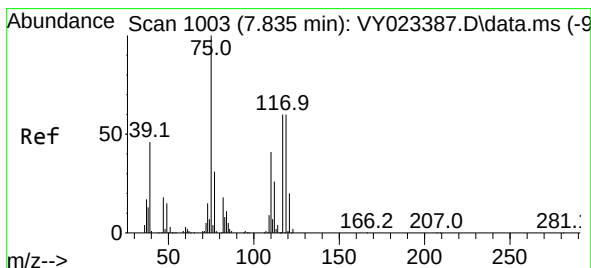
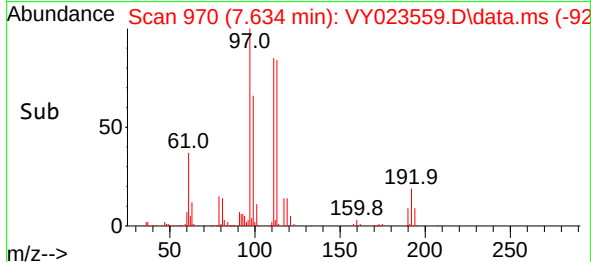
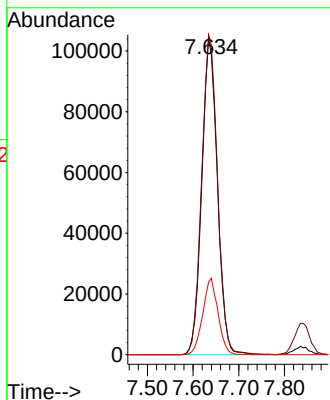
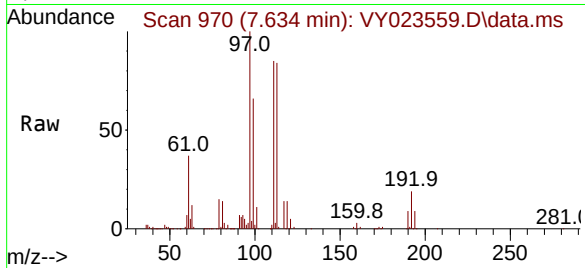




#35
Dibromofluoromethane
Concen: 49.453 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

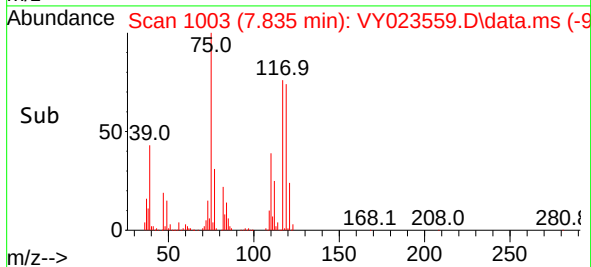
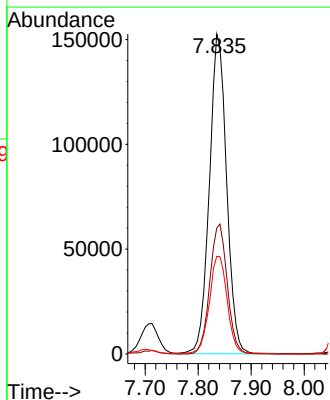
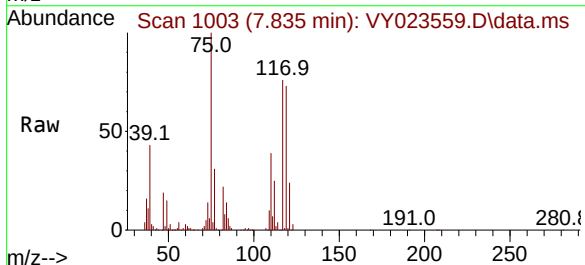
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

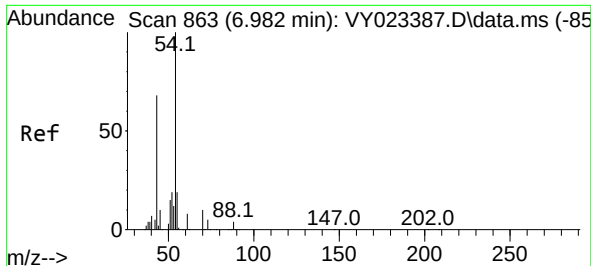
Tgt Ion:113 Resp: 246096
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 23.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 52.372 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 345033
Ion Ratio Lower Upper
75 100
110 40.9 19.9 59.7
77 31.6 25.0 37.6





#37

Ethyl Acetate

Concen: 50.360 ug/l

RT: 6.981 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

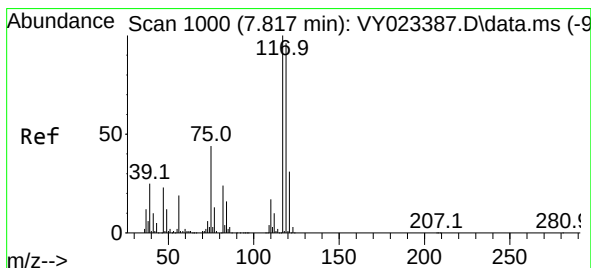
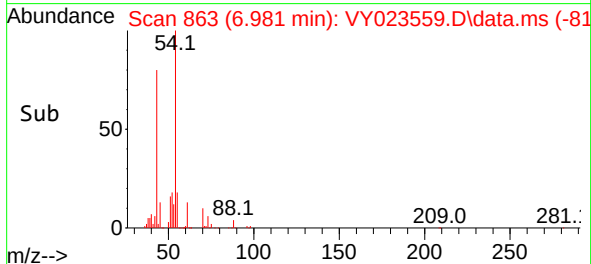
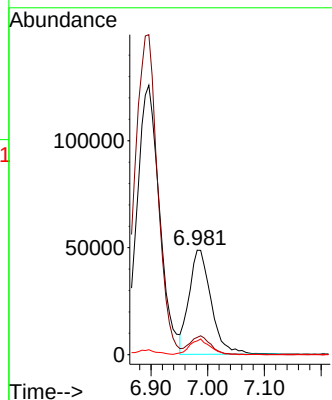
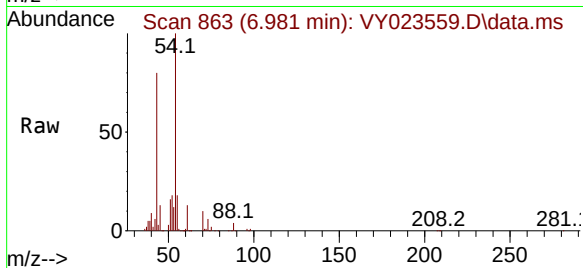
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 131442

Ion	Ratio	Lower	Upper
43	100		
61	17.1	11.8	17.8
70	14.0	10.5	15.7



#38

Carbon Tetrachloride

Concen: 53.563 ug/l

RT: 7.823 min Scan# 1001

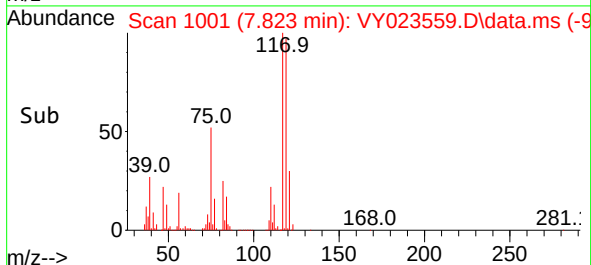
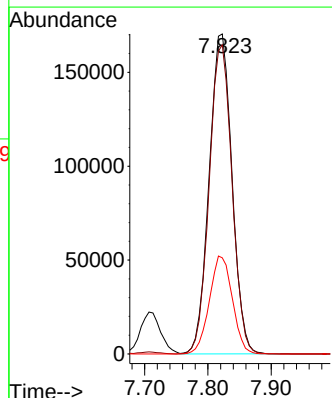
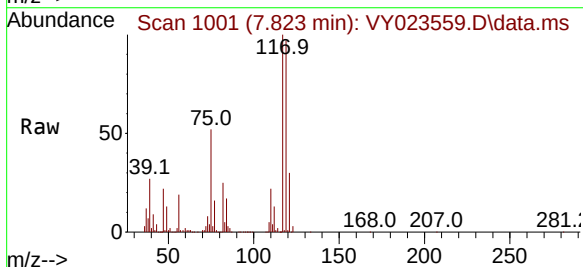
Delta R.T. 0.006 min

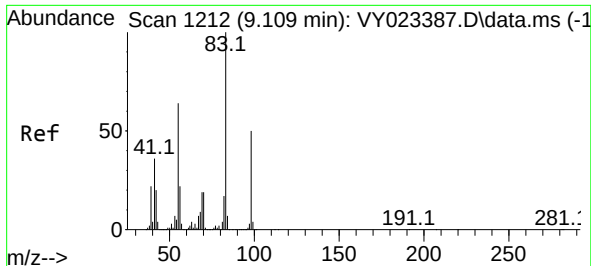
Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Tgt Ion: 117 Resp: 427890

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.8	115.2
121	30.1	24.5	36.7





#39

Methylcyclohexane

Concen: 52.994 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

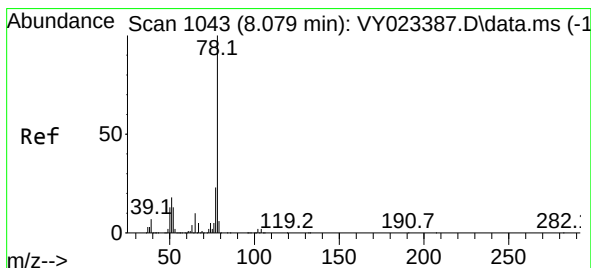
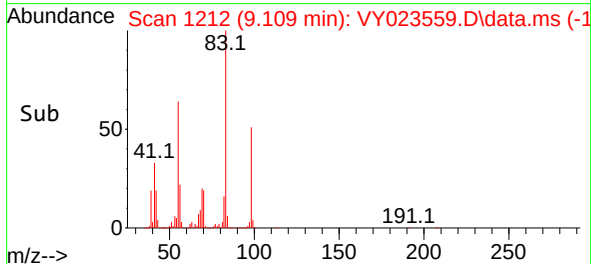
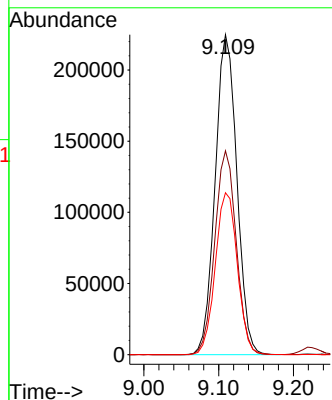
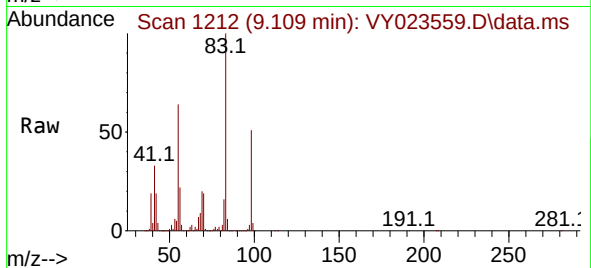
Tgt Ion: 83 Resp: 454580

Ion Ratio Lower Upper

83 100

55 63.7 51.4 77.2

98 50.6 40.4 60.6



#40

Benzene

Concen: 53.575 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023559.D

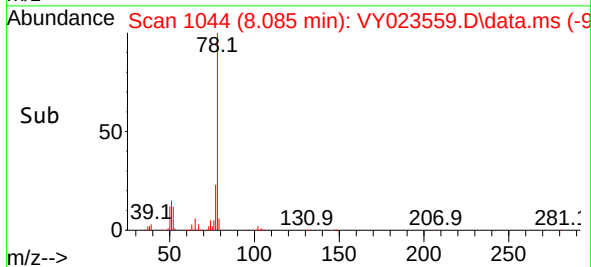
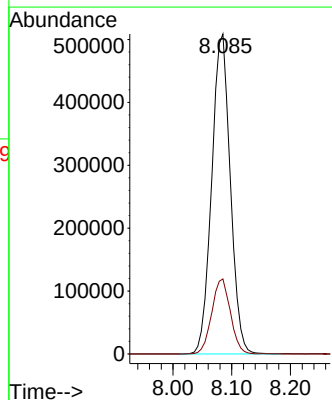
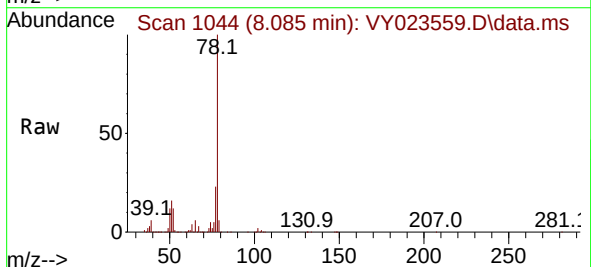
Acq: 24 Oct 2025 08:56

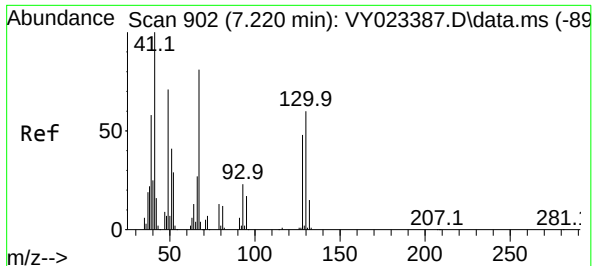
Tgt Ion: 78 Resp: 1117791

Ion Ratio Lower Upper

78 100

77 23.5 18.3 27.5



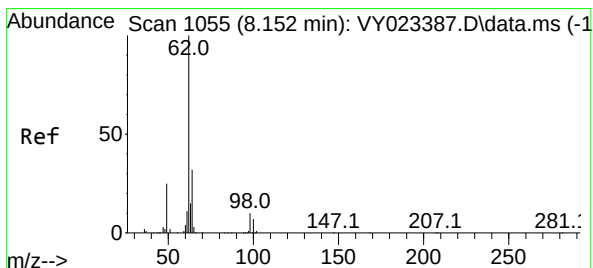
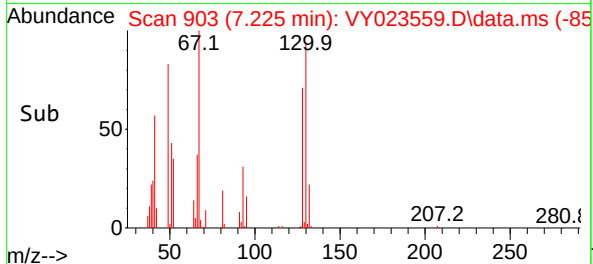
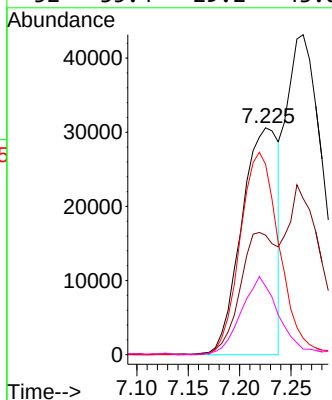
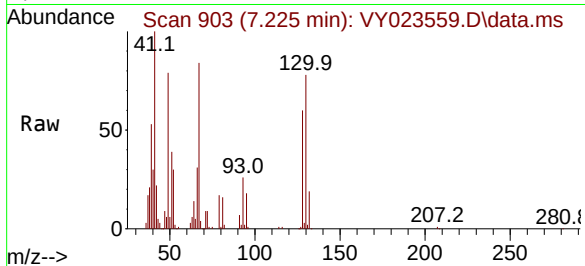


#41
Methacrylonitrile
Concen: 54.008 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 76239

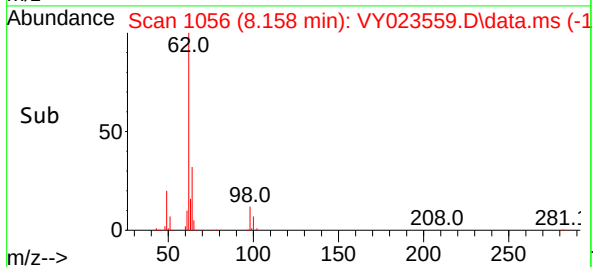
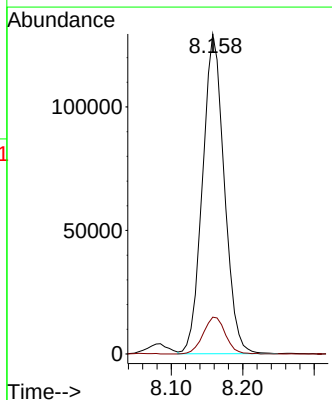
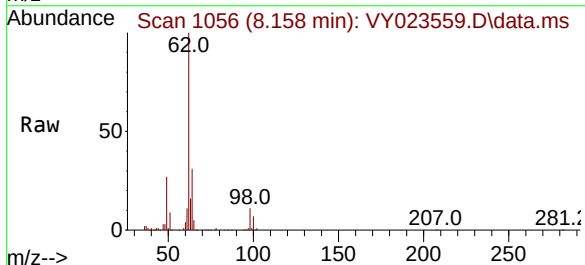
Ion	Ratio	Lower	Upper
41	100		
39	53.8	52.2	78.4
67	95.9	74.9	112.3
52	35.4	29.2	43.8

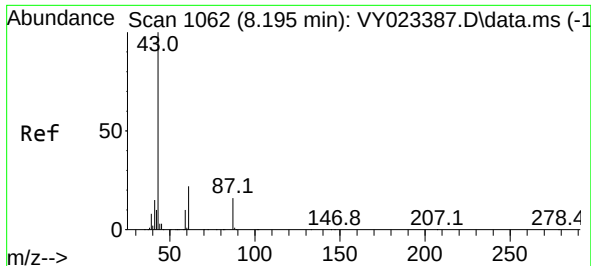


#42
1,2-Dichloroethane
Concen: 50.864 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 62 Resp: 273693

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.6





#43

Isopropyl Acetate

Concen: 52.107 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

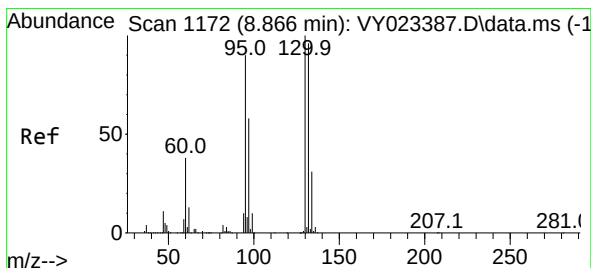
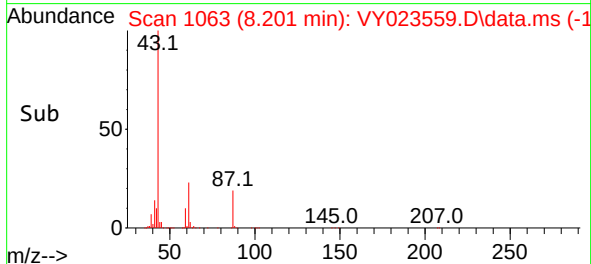
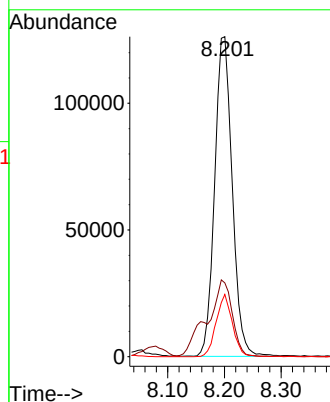
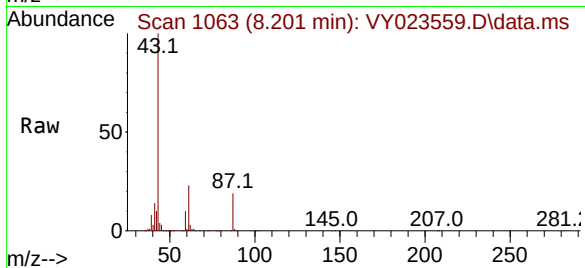
Tgt Ion: 43 Resp: 271189

Ion Ratio Lower Upper

43 100

61 34.4 18.1 27.1#

87 18.0 13.5 20.3



#44

Trichloroethene

Concen: 54.817 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY023559.D

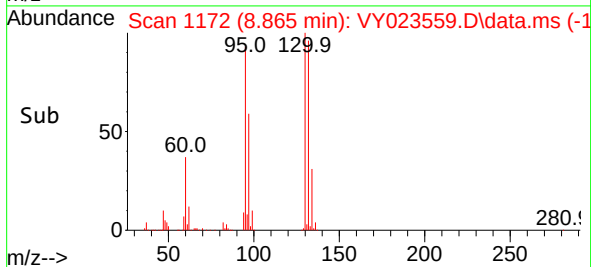
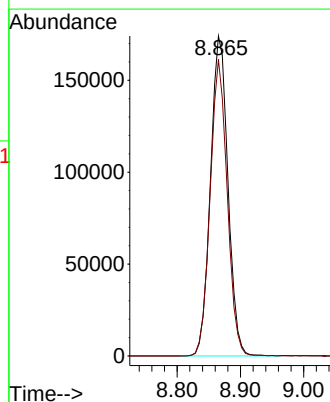
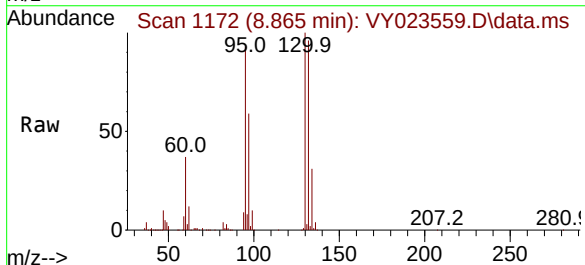
Acq: 24 Oct 2025 08:56

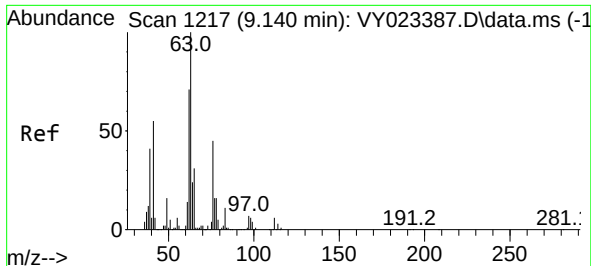
Tgt Ion:130 Resp: 334751

Ion Ratio Lower Upper

130 100

95 92.6 0.0 180.6





#45

1,2-Dichloropropane

Concen: 53.397 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

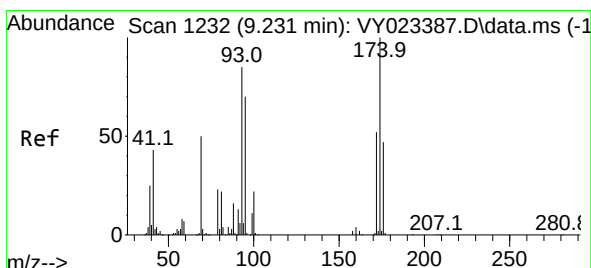
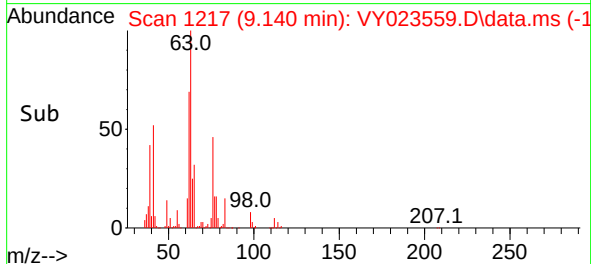
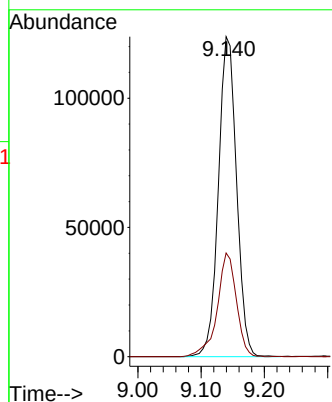
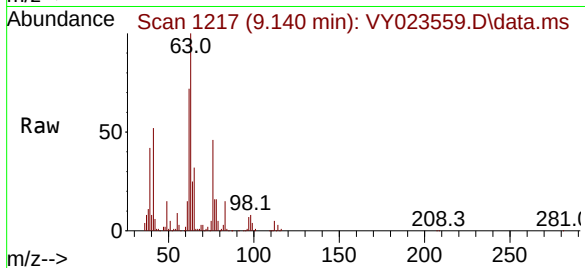
VSTDCCC050

Tgt Ion: 63 Resp: 246074

Ion Ratio Lower Upper

63 100

65 32.4 24.9 37.3



#46

Dibromomethane

Concen: 54.988 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

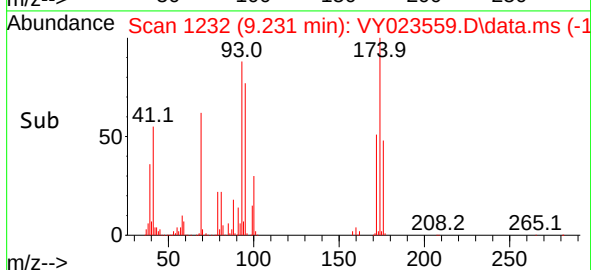
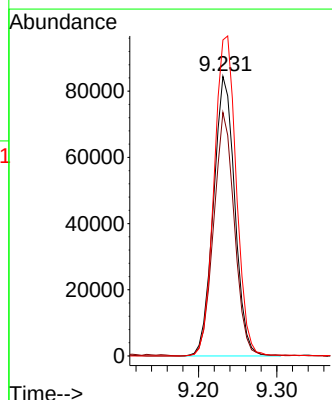
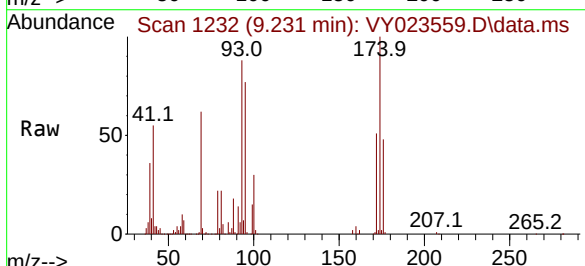
Tgt Ion: 93 Resp: 160236

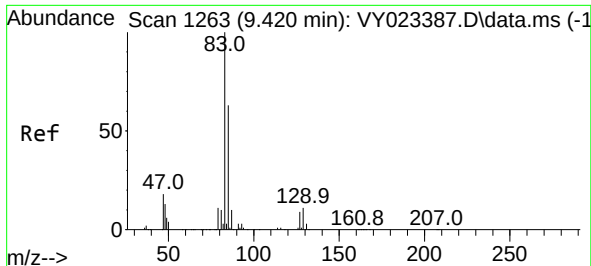
Ion Ratio Lower Upper

93 100

95 84.3 65.4 98.0

174 118.2 92.9 139.3

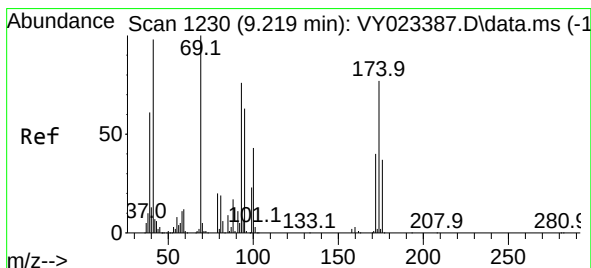
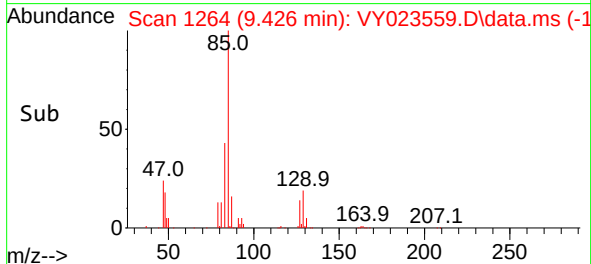
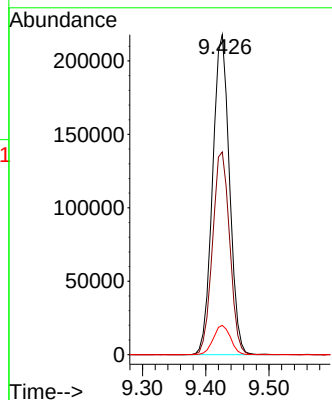
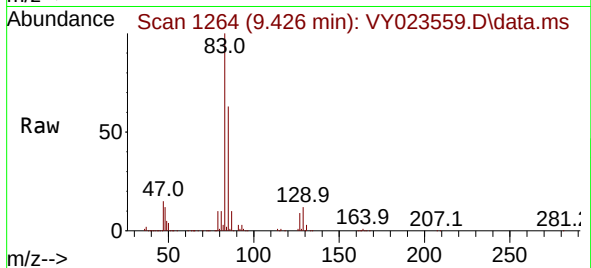




#47
Bromodichloromethane
Concen: 54.883 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

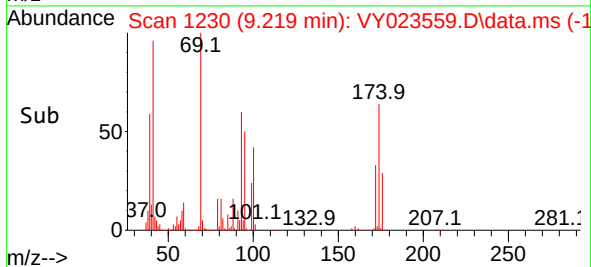
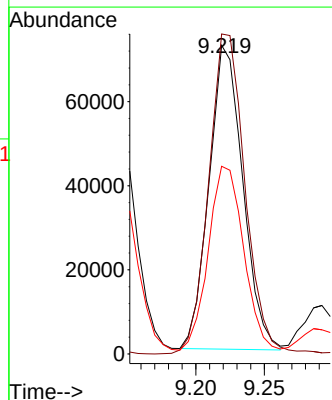
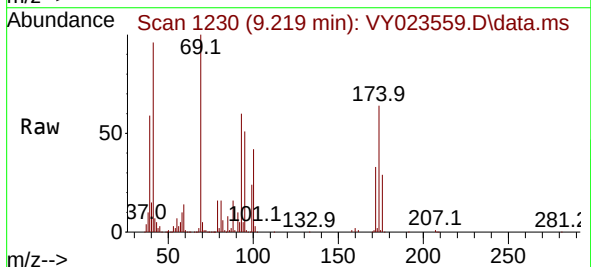
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

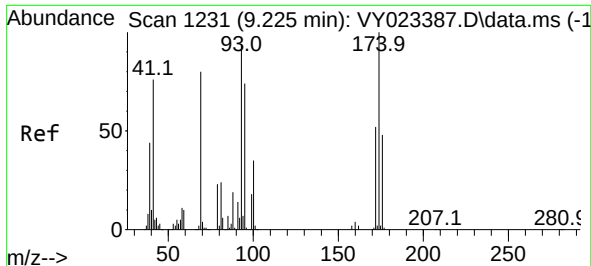
Tgt Ion: 83 Resp: 402796
Ion Ratio Lower Upper
83 100
85 63.3 50.8 76.2
127 9.1 7.4 11.2



#48
Methyl methacrylate
Concen: 50.755 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 41 Resp: 124097
Ion Ratio Lower Upper
41 100
69 113.4 81.0 121.4
39 65.5 48.2 72.4





#49

1,4-Dioxane

Concen: 1146.304 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

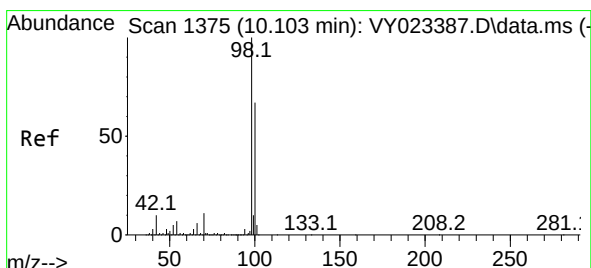
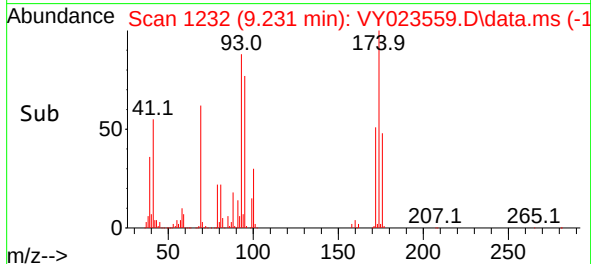
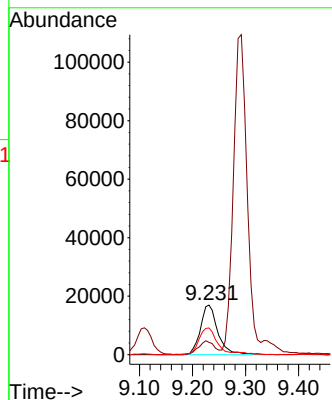
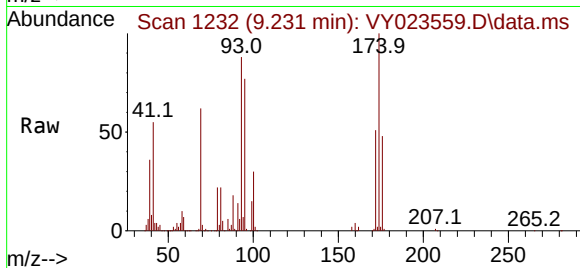
Tgt Ion: 88 Resp: 38729

Ion Ratio Lower Upper

88 100

43 24.0 21.8 32.8

58 54.3 46.8 70.2



#50

Toluene-d8

Concen: 48.722 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023559.D

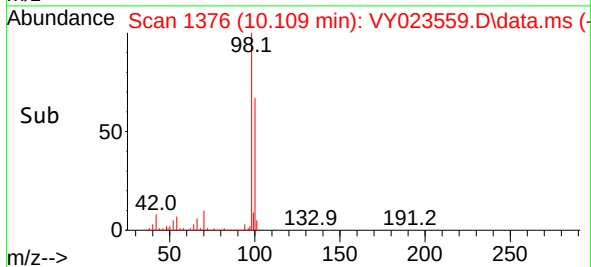
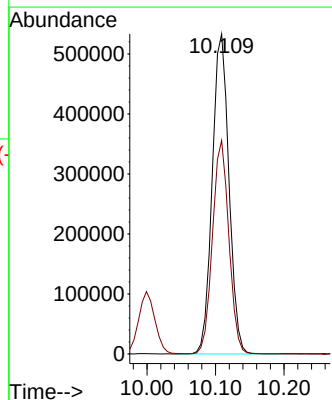
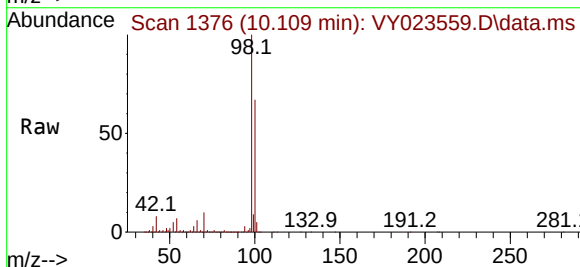
Acq: 24 Oct 2025 08:56

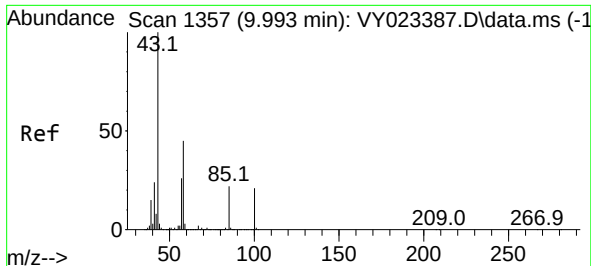
Tgt Ion: 98 Resp: 902938

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4

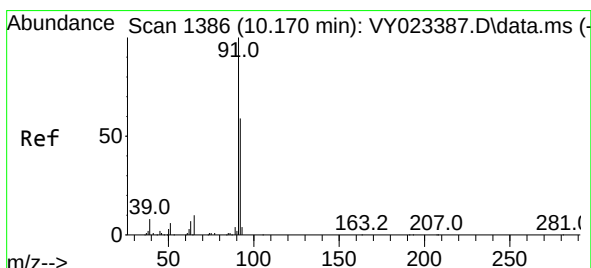
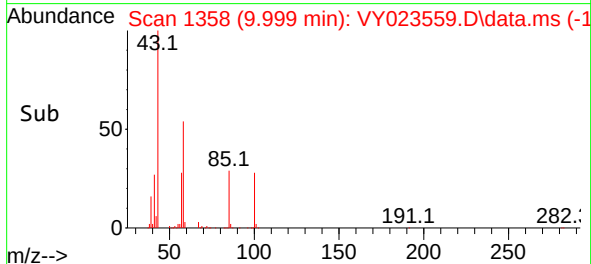
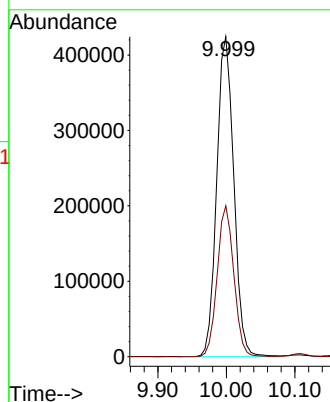
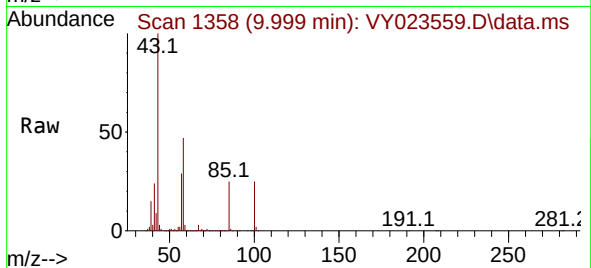




#51
4-Methyl-2-Pentanone
Concen: 272.142 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

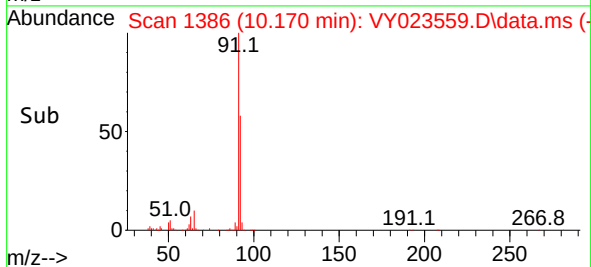
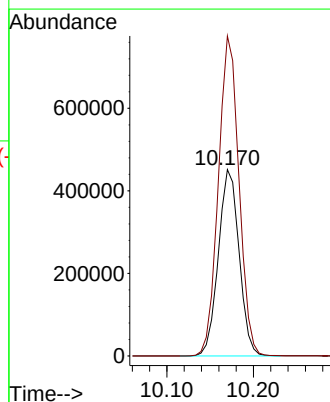
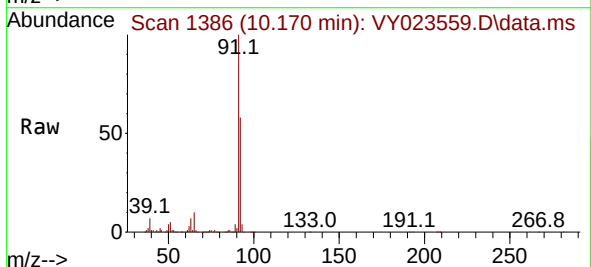
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

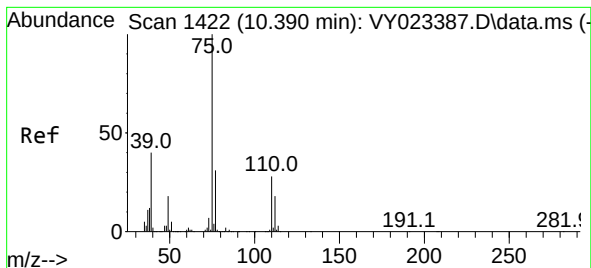
Tgt Ion: 43 Resp: 731786
Ion Ratio Lower Upper
43 100
58 46.0 35.3 52.9



#52
Toluene
Concen: 55.476 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 92 Resp: 751520
Ion Ratio Lower Upper
92 100
91 170.6 136.4 204.6

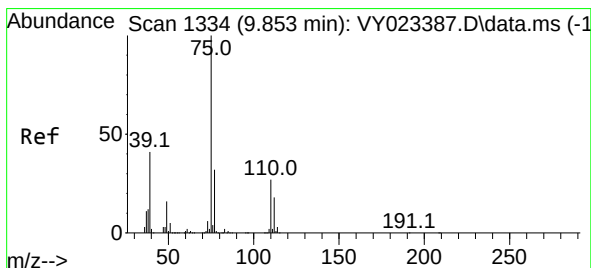
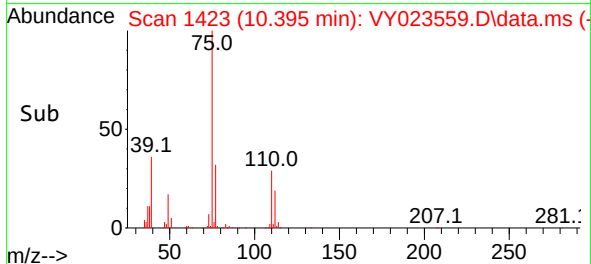
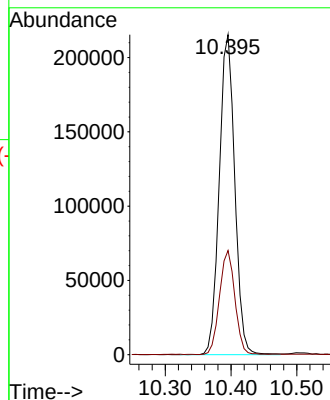
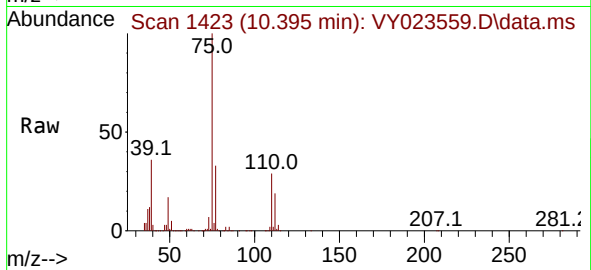




#53
 t-1,3-Dichloropropene
 Concen: 55.385 ug/l
 RT: 10.395 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023559.D
 Acq: 24 Oct 2025 08:56

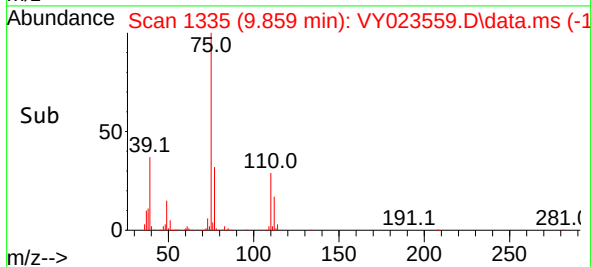
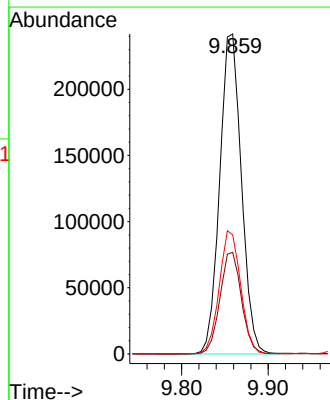
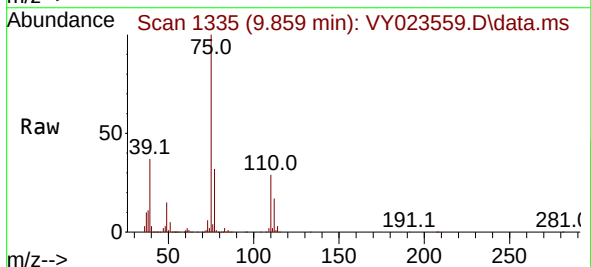
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

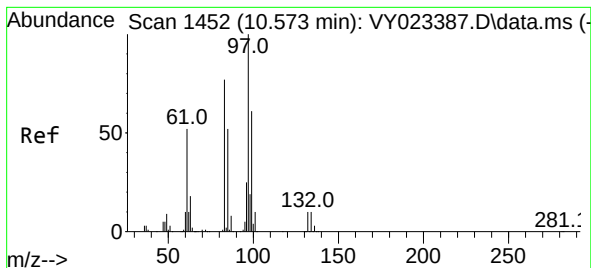
Tgt Ion: 75 Resp: 353434
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 55.911 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023559.D
 Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 421103
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 37.2 32.8 49.2



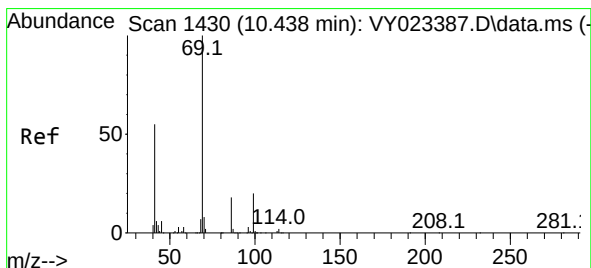
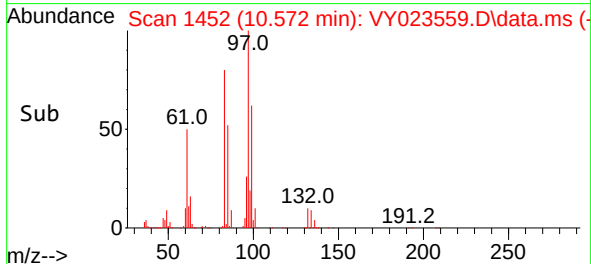
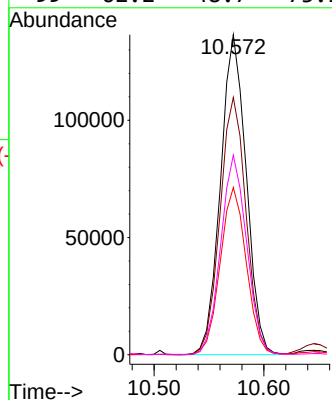
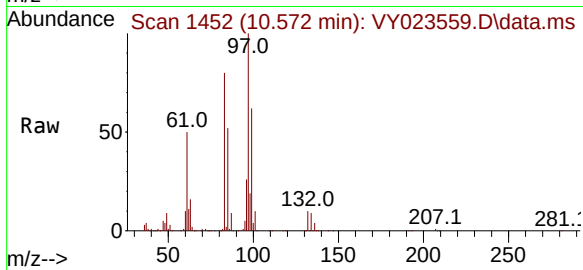


#55
1,1,2-Trichloroethane
Concen: 56.837 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 222722

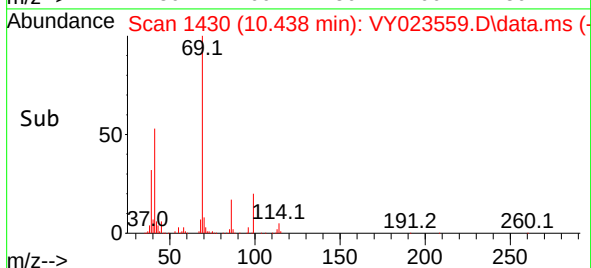
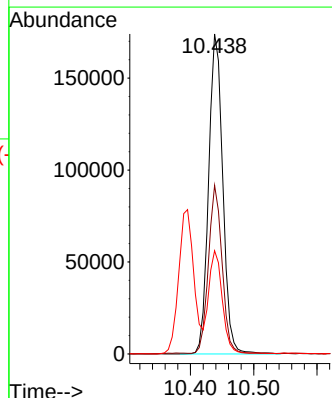
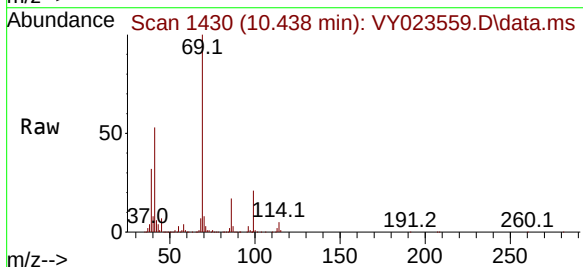
Ion	Ratio	Lower	Upper
97	100		
83	80.4	61.8	92.6
85	52.2	41.3	61.9
99	62.2	48.7	73.1

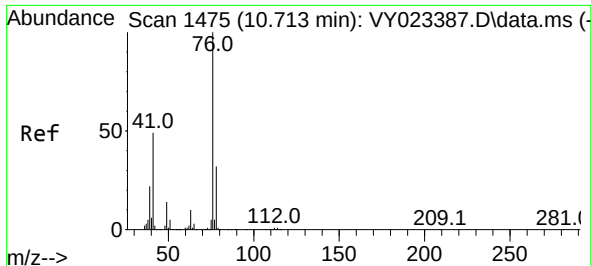


#56
Ethyl methacrylate
Concen: 60.107 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 69 Resp: 271697

Ion	Ratio	Lower	Upper
69	100		
41	50.3	44.6	67.0
39	30.8	27.0	40.4





#57

1,3-Dichloropropane

Concen: 55.727 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

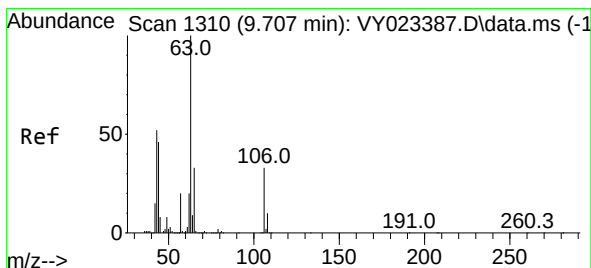
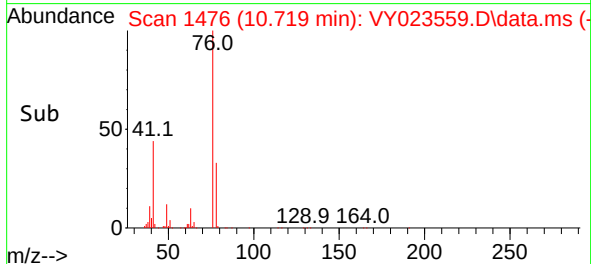
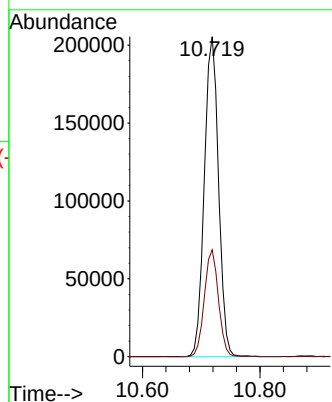
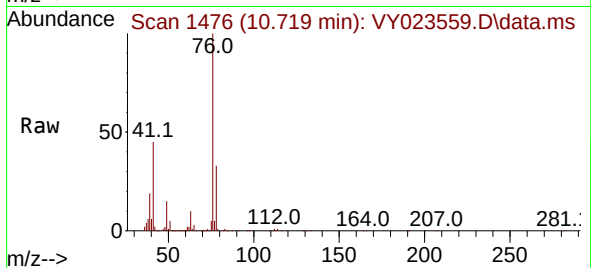
VSTDCCC050

Tgt Ion: 76 Resp: 346039

Ion Ratio Lower Upper

76 100

78 33.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 270.556 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023559.D

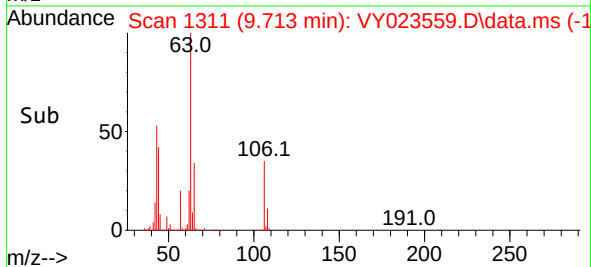
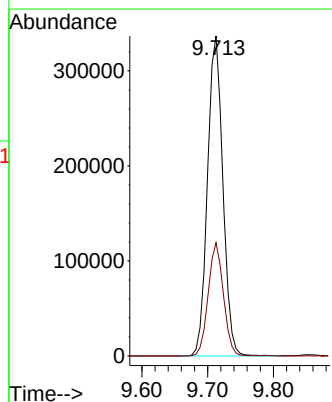
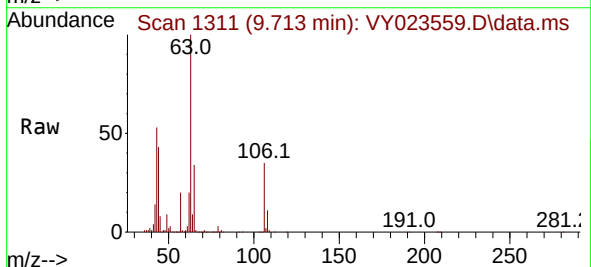
Acq: 24 Oct 2025 08:56

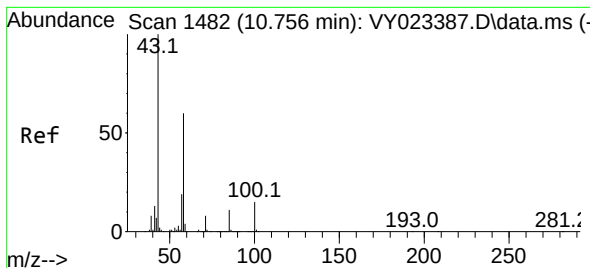
Tgt Ion: 63 Resp: 547857

Ion Ratio Lower Upper

63 100

106 34.9 26.6 39.8

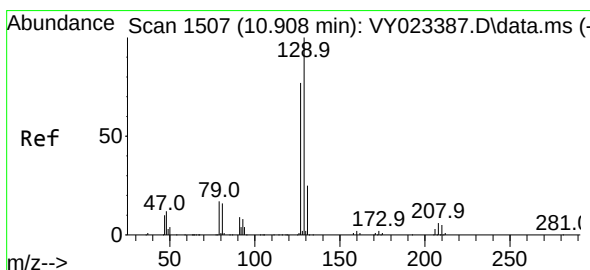
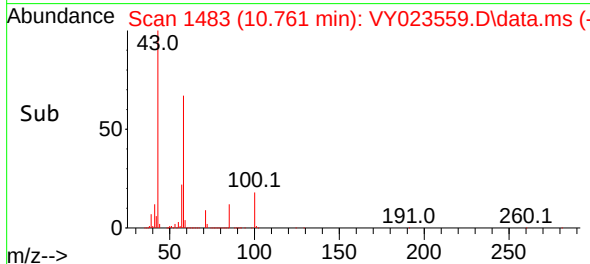
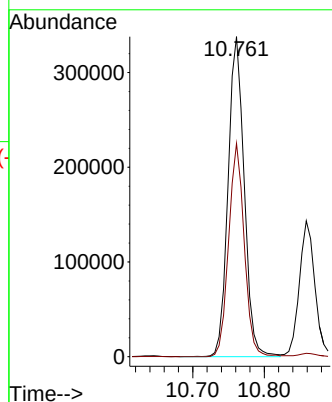
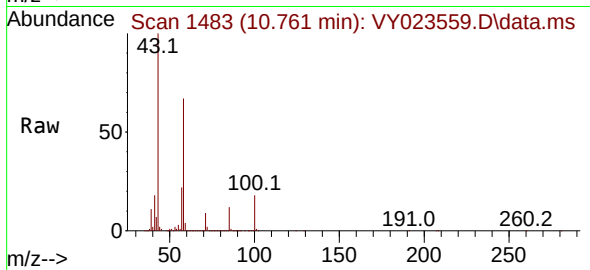




#59
2-Hexanone
Concen: 275.001 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

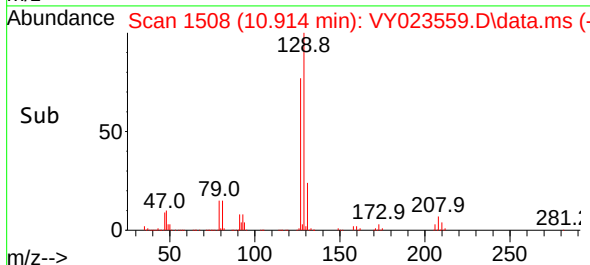
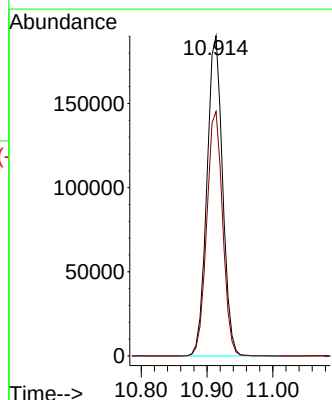
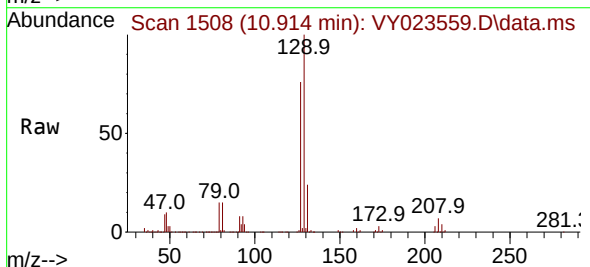
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

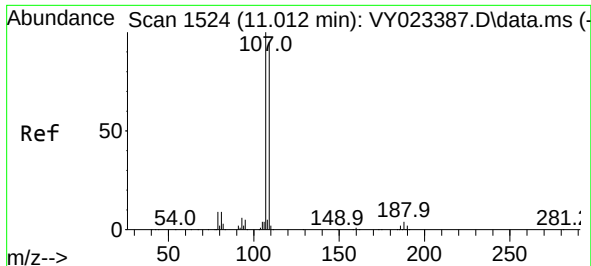
Tgt Ion: 43 Resp: 528461
Ion Ratio Lower Upper
43 100
58 64.6 30.5 91.5



#60
Dibromochloromethane
Concen: 57.348 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:129 Resp: 315067
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7

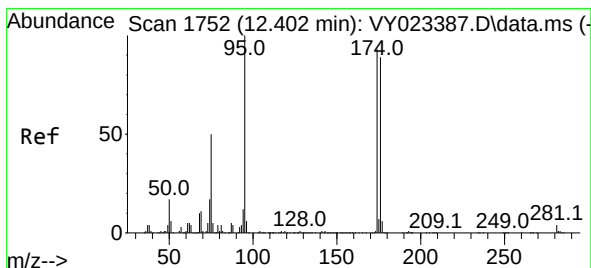
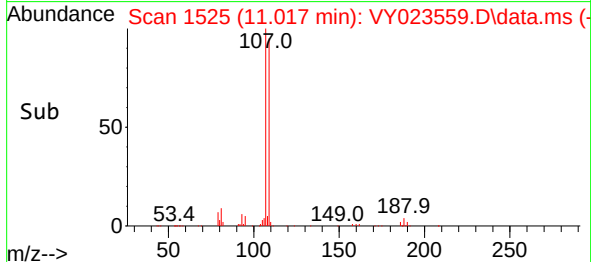
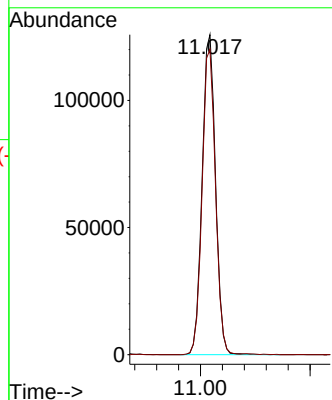
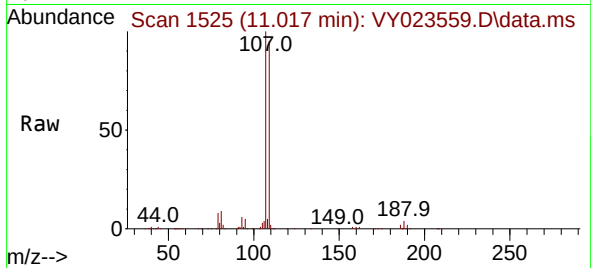




#61
1,2-Dibromoethane
Concen: 57.024 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

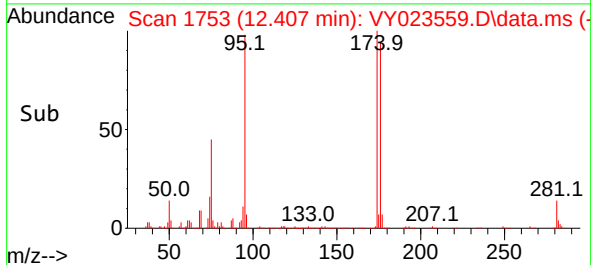
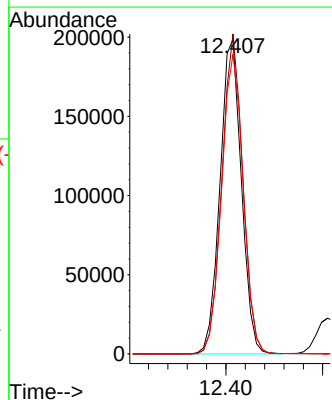
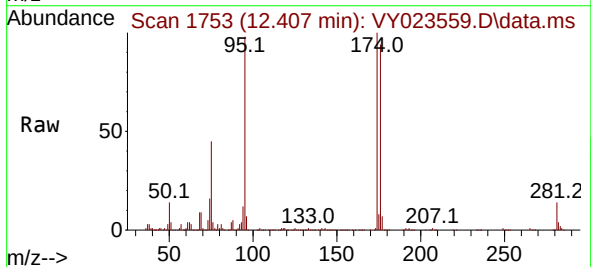
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

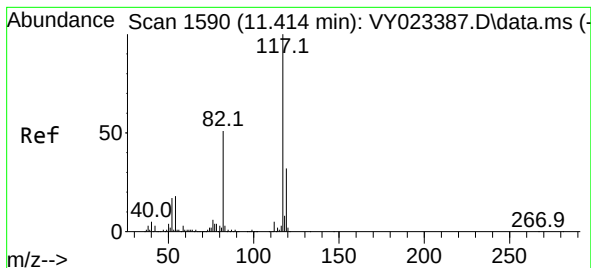
Tgt Ion:107 Resp: 213108
Ion Ratio Lower Upper
107 100
109 95.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.801 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 95 Resp: 304706
Ion Ratio Lower Upper
95 100
174 99.5 0.0 192.8
176 96.3 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

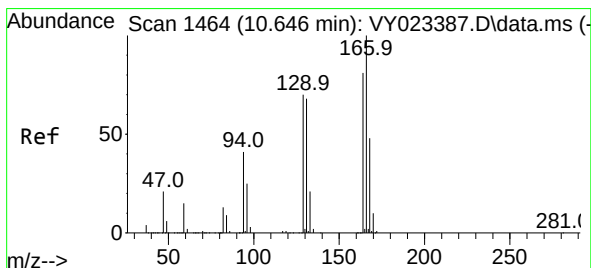
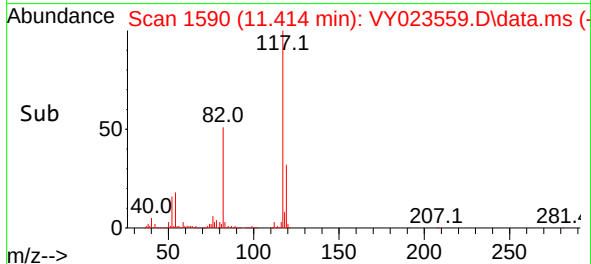
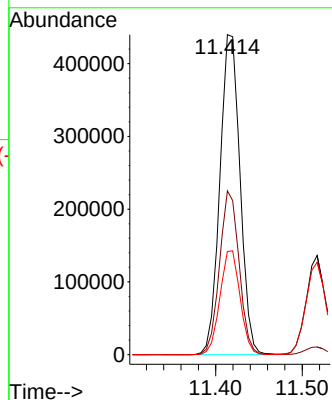
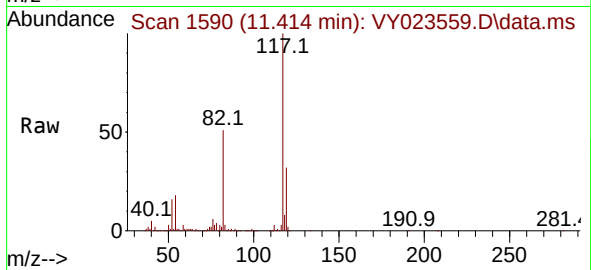
Tgt Ion:117 Resp: 712621

Ion Ratio Lower Upper

117 100

82 51.2 41.0 61.4

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 55.753 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Tgt Ion:164 Resp: 410235

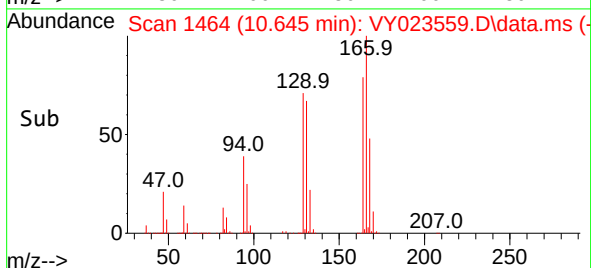
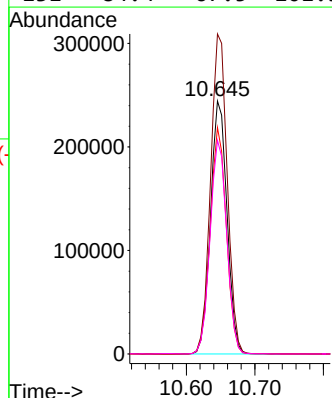
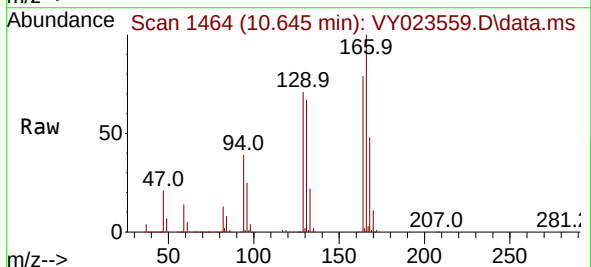
Ion Ratio Lower Upper

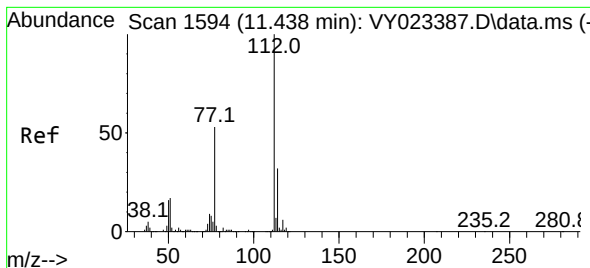
164 100

166 126.5 99.4 149.0

129 89.5 69.4 104.2

131 84.4 67.5 101.3





#65

Chlorobenzene

Concen: 56.267 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

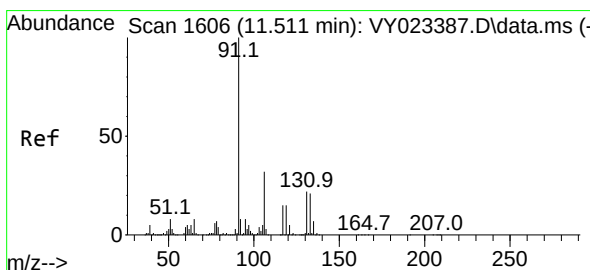
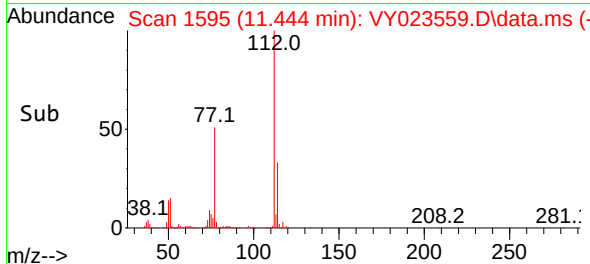
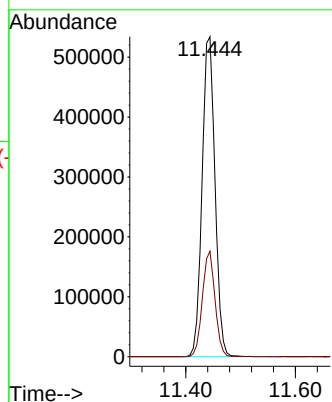
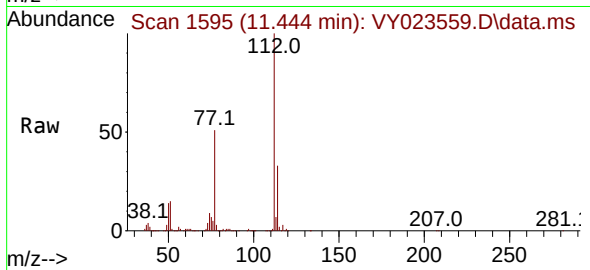
VSTDCCC050

Tgt Ion:112 Resp: 872090

Ion Ratio Lower Upper

112 100

114 33.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 56.479 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

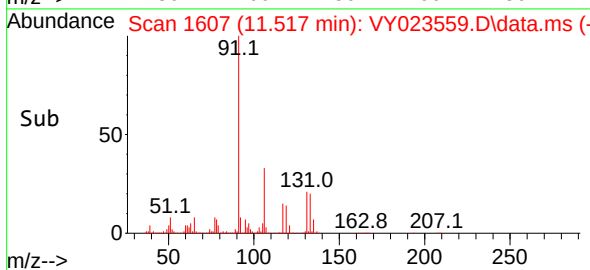
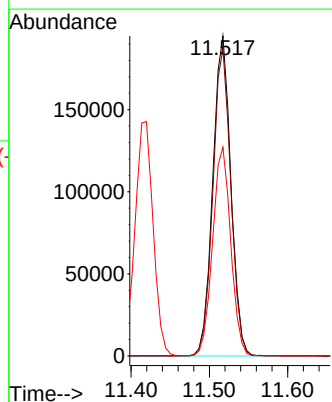
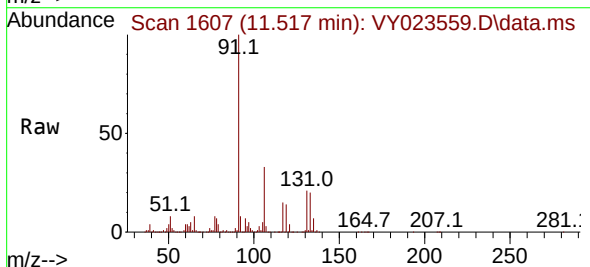
Tgt Ion:131 Resp: 311946

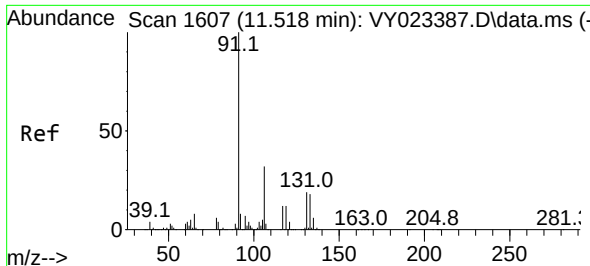
Ion Ratio Lower Upper

131 100

133 95.3 48.4 145.2

119 65.6 32.4 97.2





#67

Ethyl Benzene

Concen: 56.546 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

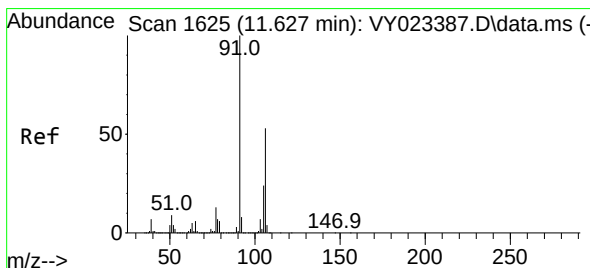
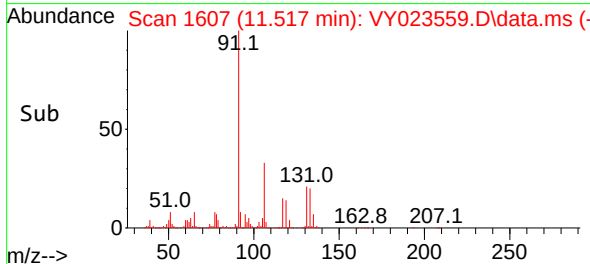
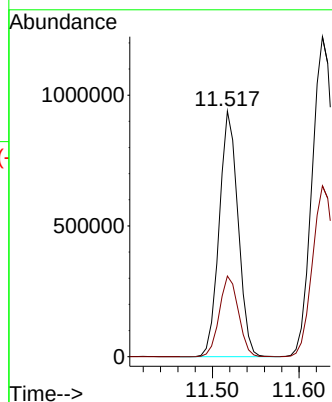
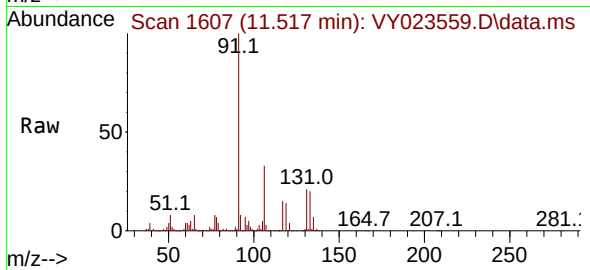
VSTDCCC050

Tgt Ion: 91 Resp: 1418642

Ion Ratio Lower Upper

91 100

106 32.8 25.8 38.8



#68

m/p-Xylenes

Concen: 115.537 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023559.D

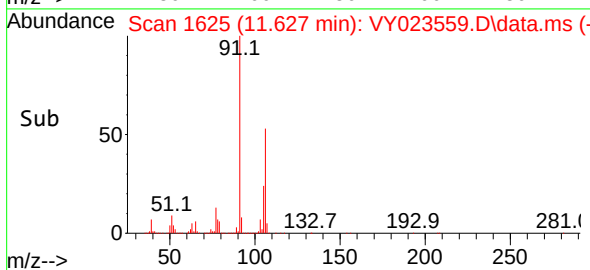
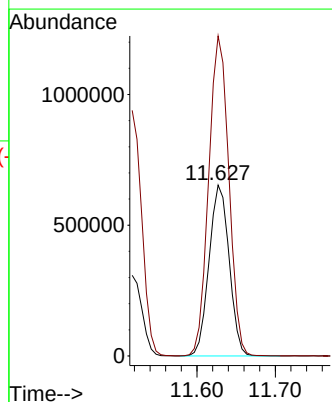
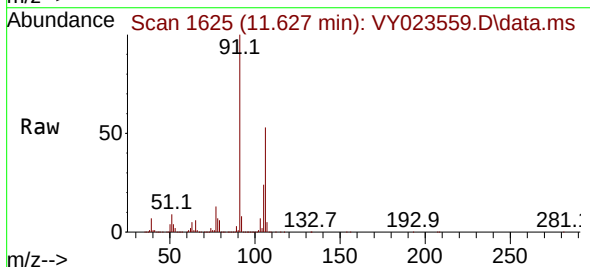
Acq: 24 Oct 2025 08:56

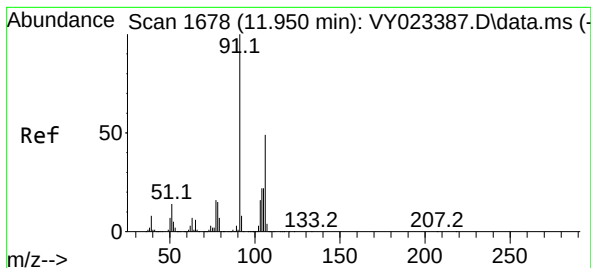
Tgt Ion:106 Resp: 1162639

Ion Ratio Lower Upper

106 100

91 188.2 152.6 229.0





#69

o-Xylene

Concen: 58.810 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

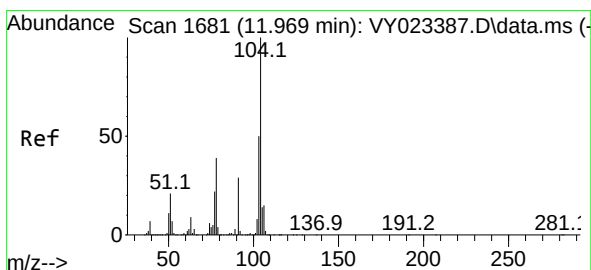
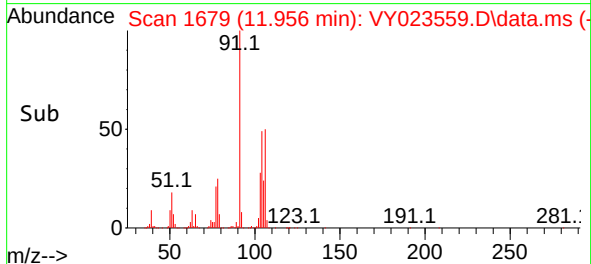
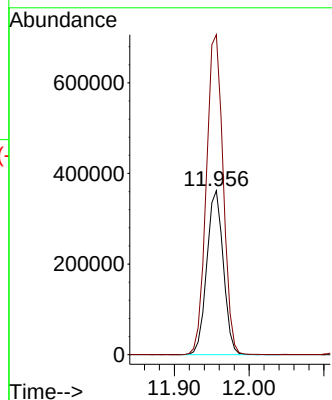
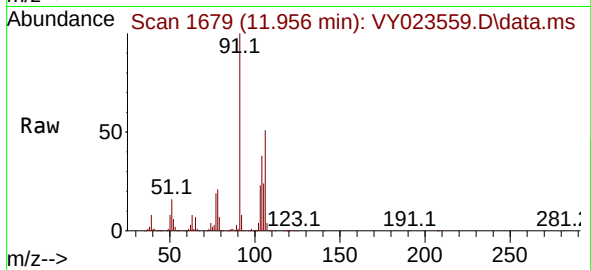
VSTDCCC050

Tgt Ion:106 Resp: 555086

Ion Ratio Lower Upper

106 100

91 198.6 101.4 304.1



#70

Styrene

Concen: 58.986 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

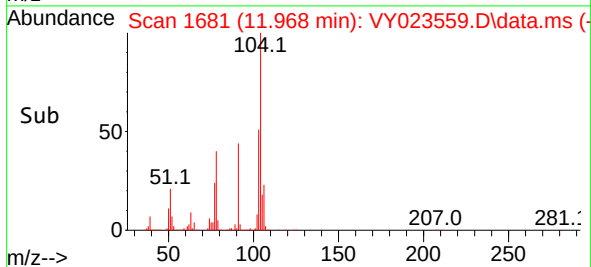
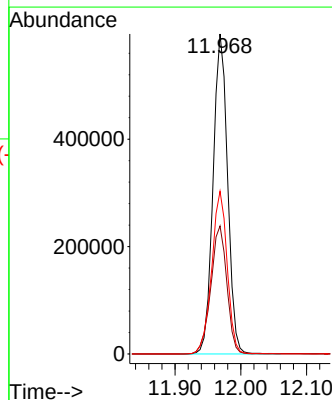
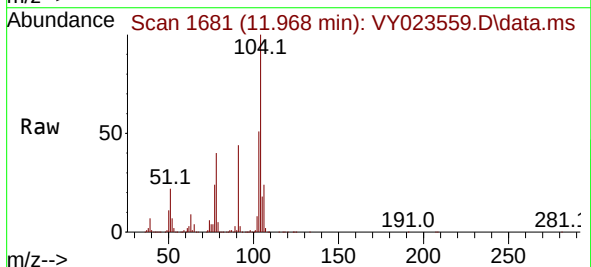
Tgt Ion:104 Resp: 915552

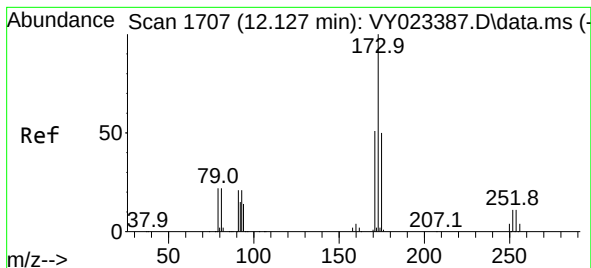
Ion Ratio Lower Upper

104 100

78 44.1 36.1 54.1

103 54.3 43.2 64.8





#71

Bromoform

Concen: 57.877 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

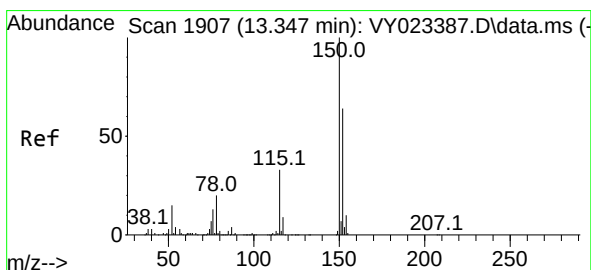
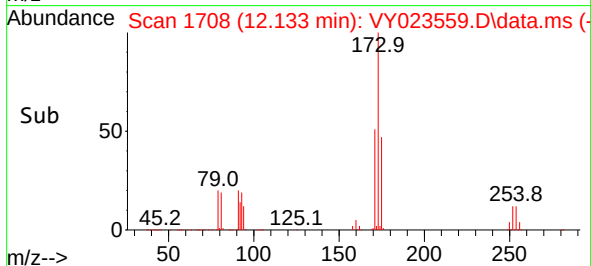
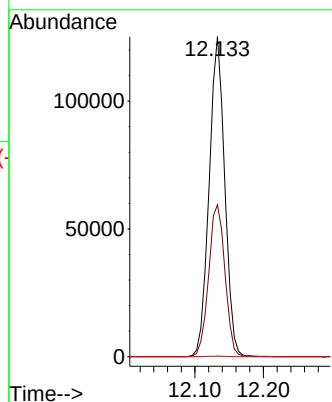
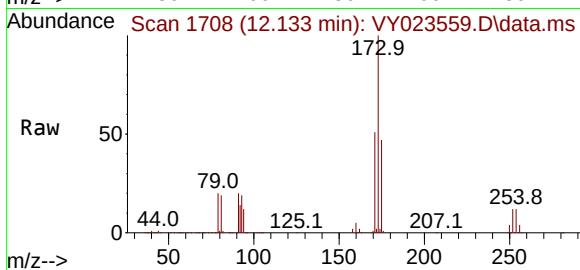
Tgt Ion:173 Resp: 198287

Ion Ratio Lower Upper

173 100

175 49.5 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

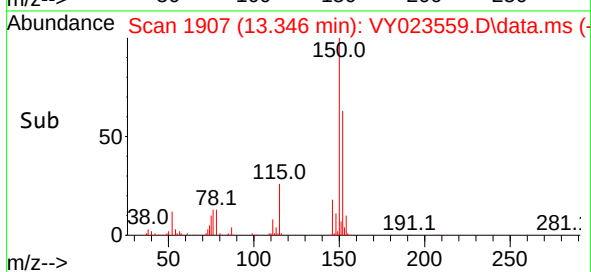
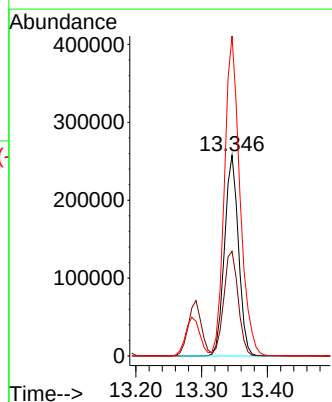
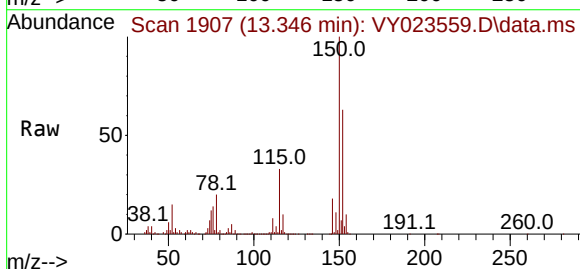
Tgt Ion:152 Resp: 380279

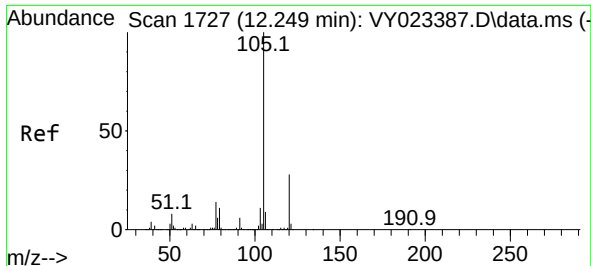
Ion Ratio Lower Upper

152 100

115 53.8 27.1 81.2

150 177.0 0.0 347.4

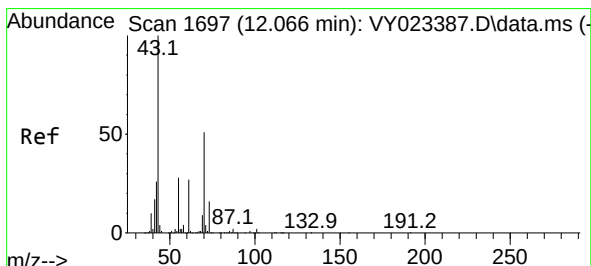
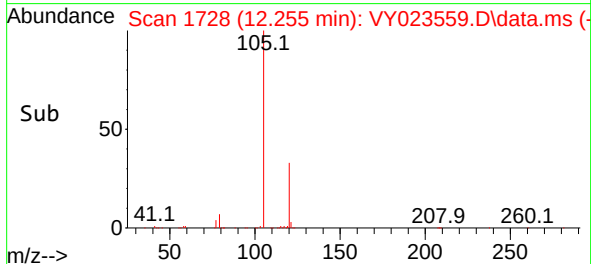
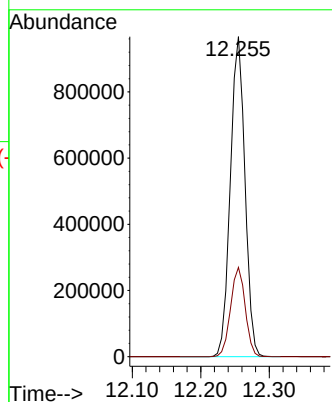
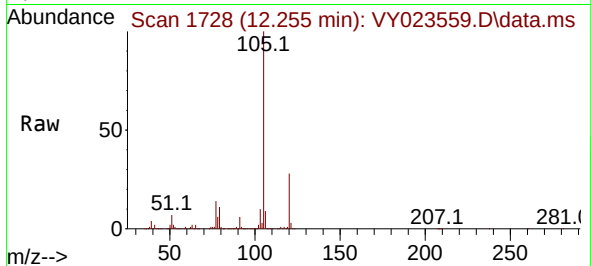




#73
Isopropylbenzene
Concen: 56.959 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

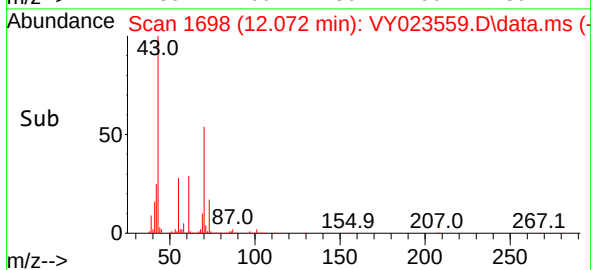
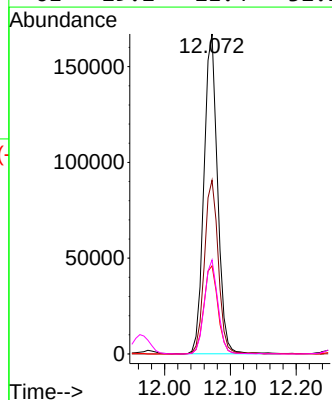
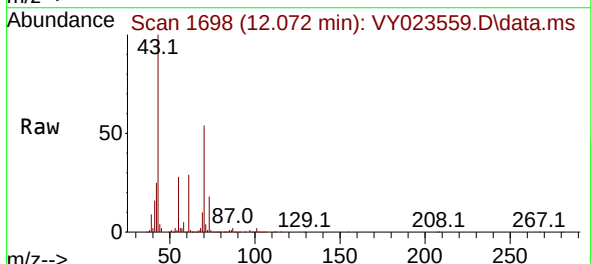
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

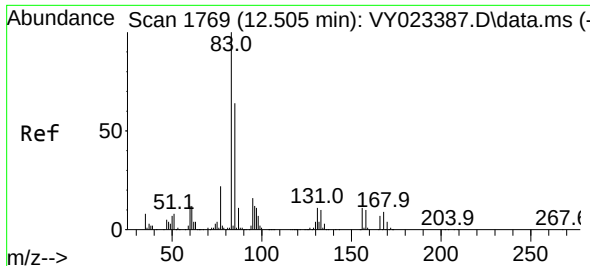
Tgt Ion:105 Resp: 1427449
Ion Ratio Lower Upper
105 100
120 27.9 13.9 41.7



#74
N-ethyl acetate
Concen: 53.438 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 240539
Ion Ratio Lower Upper
43 100
70 55.3 41.1 61.7
55 28.4 23.0 34.6
61 29.2 21.4 32.2

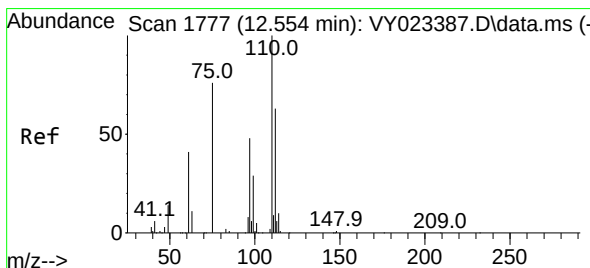
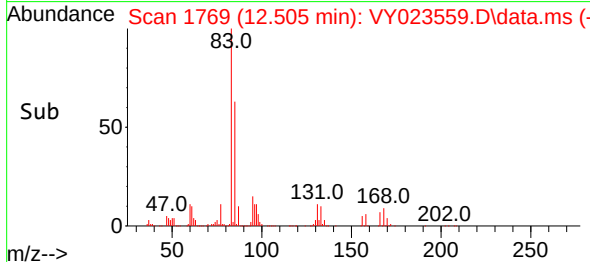
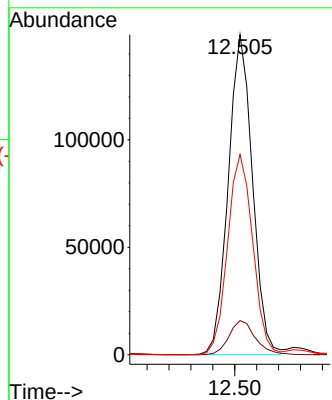
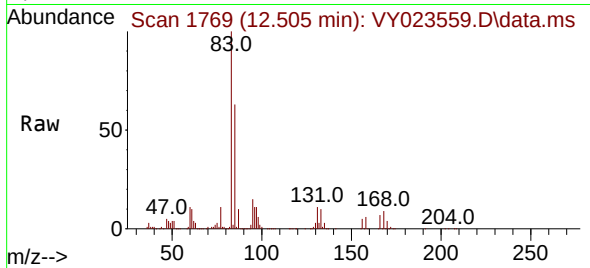




#75
1,1,2,2-Tetrachloroethane
Concen: 55.639 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

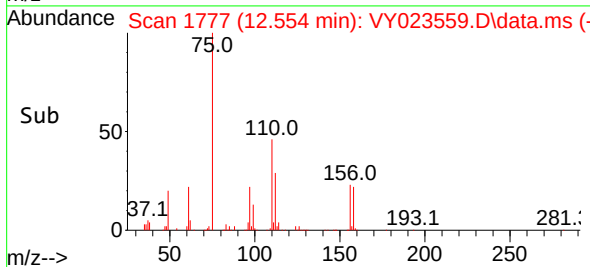
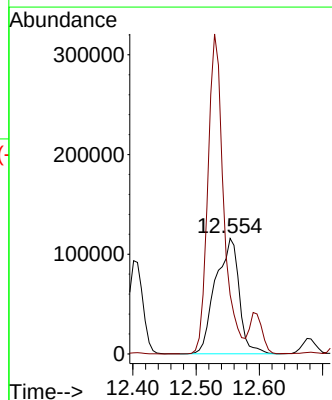
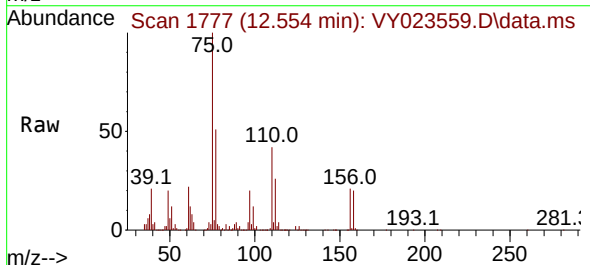
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

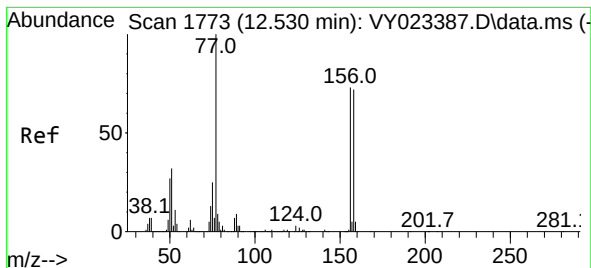
Tgt Ion: 83 Resp: 228057
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.6
85 65.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 89.360 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 299810
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.922 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

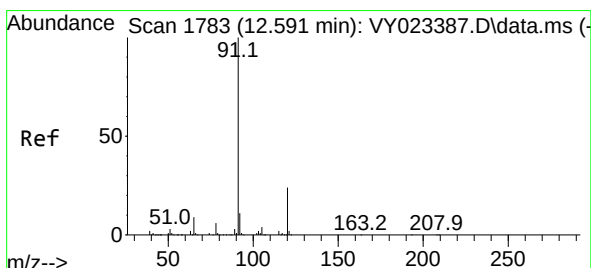
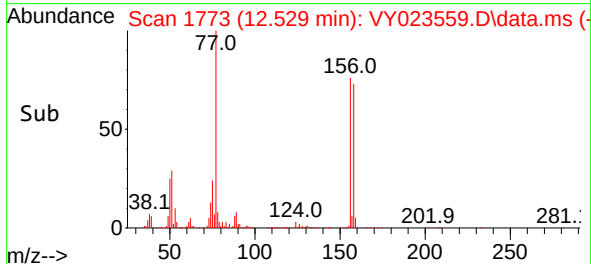
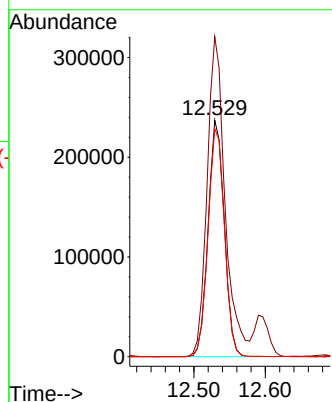
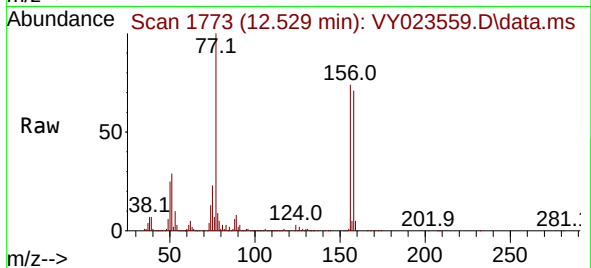
Tgt Ion:156 Resp: 372577

Ion Ratio Lower Upper

156 100

77 150.5 76.8 230.5

158 97.8 49.0 147.2



#78

n-propylbenzene

Concen: 56.707 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023559.D

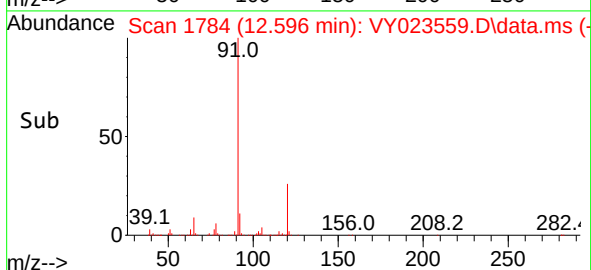
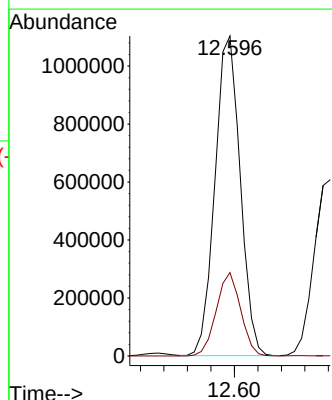
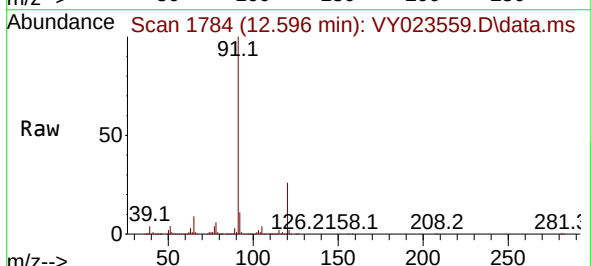
Acq: 24 Oct 2025 08:56

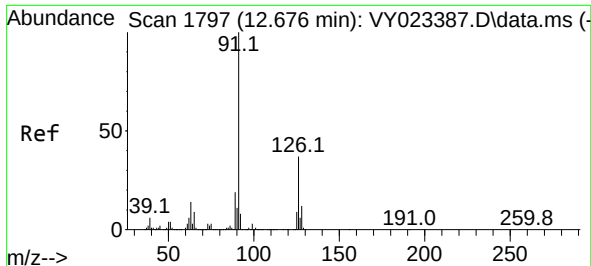
Tgt Ion: 91 Resp: 1644549

Ion Ratio Lower Upper

91 100

120 25.2 12.3 36.8

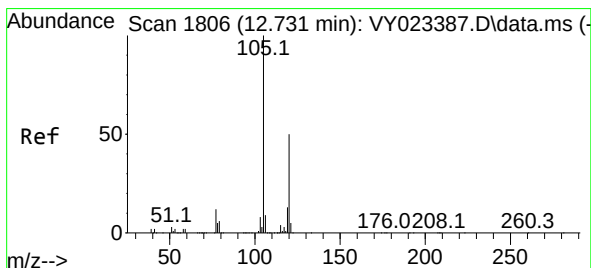
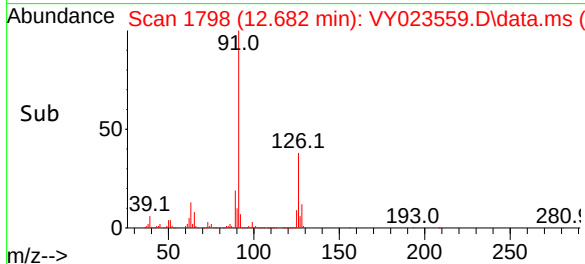
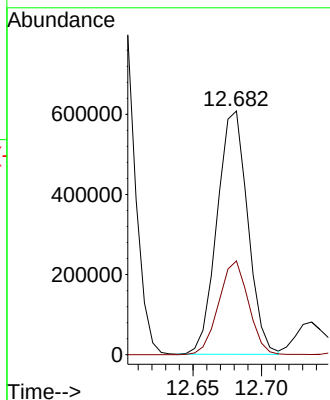
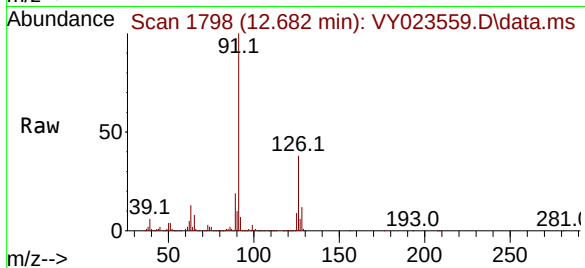




#79
2-Chlorotoluene
Concen: 55.795 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

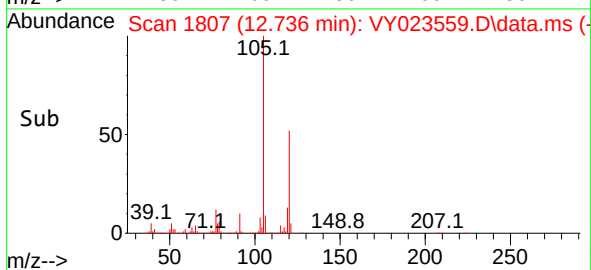
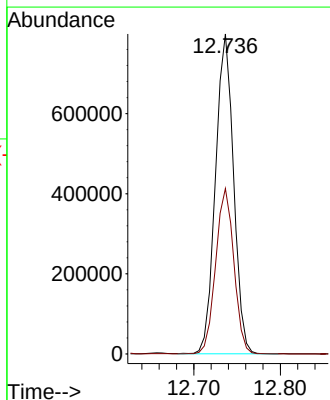
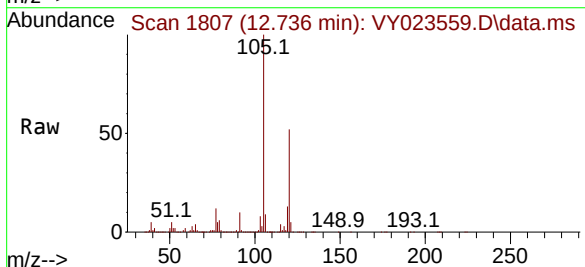
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

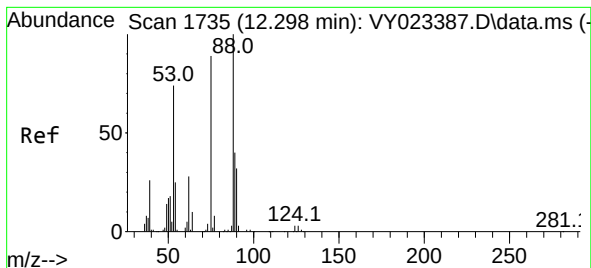
Tgt Ion: 91 Resp: 947547
Ion Ratio Lower Upper
91 100
126 37.4 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 57.172 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 105 Resp: 1157792
Ion Ratio Lower Upper
105 100
120 52.0 25.4 76.4

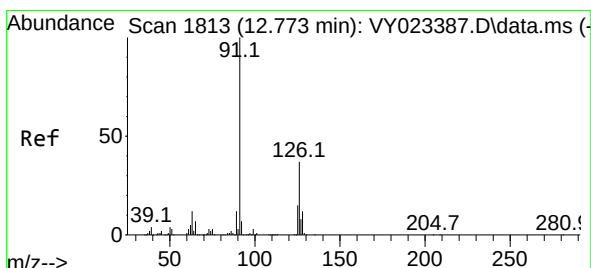
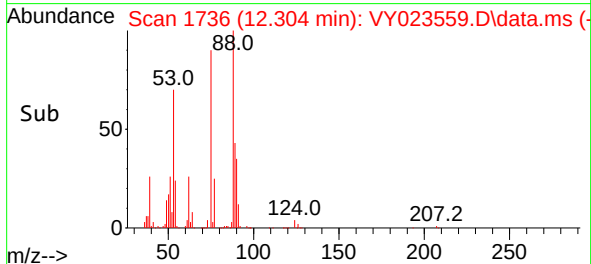
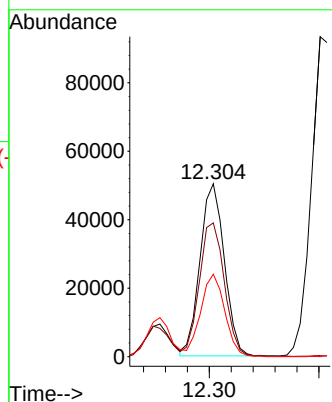
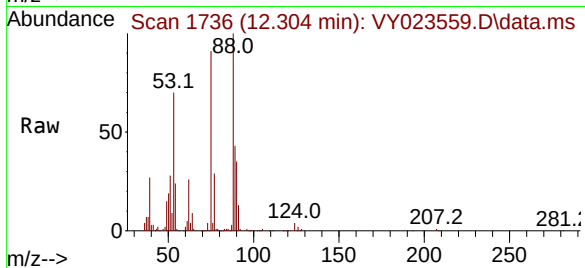




#81
trans-1,4-Dichloro-2-butene
Concen: 56.799 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

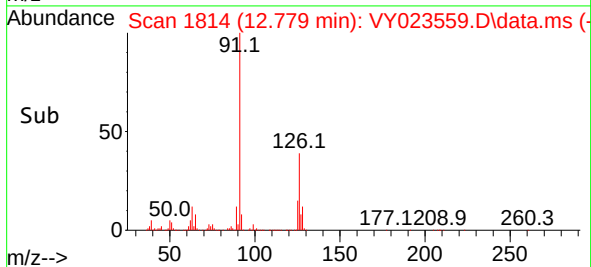
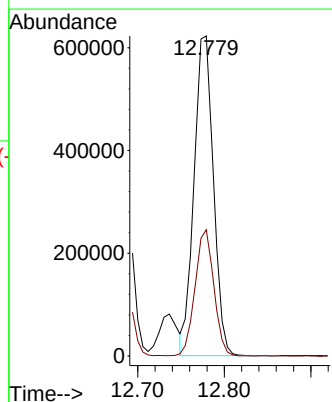
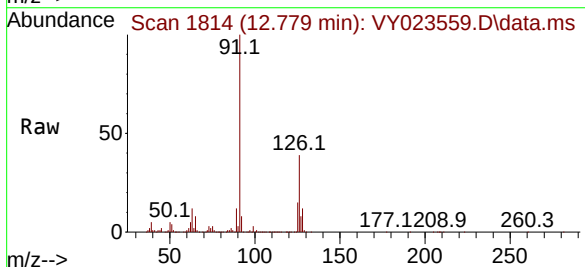
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

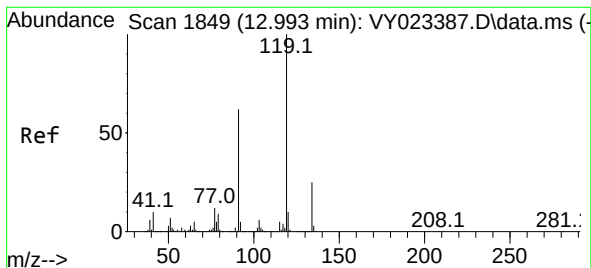
Tgt Ion: 75 Resp: 77712
Ion Ratio Lower Upper
75 100
53 80.3 68.6 102.8
89 47.1 39.0 58.4



#82
4-Chlorotoluene
Concen: 55.281 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 91 Resp: 966872
Ion Ratio Lower Upper
91 100
126 38.3 18.4 55.4





#83

tert-Butylbenzene

Concen: 58.535 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

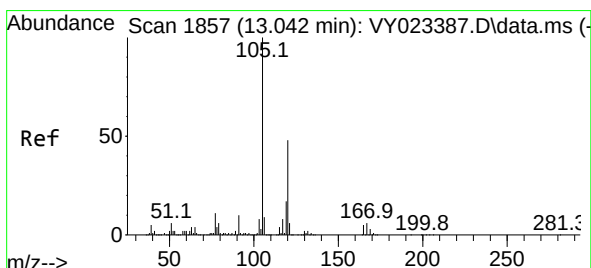
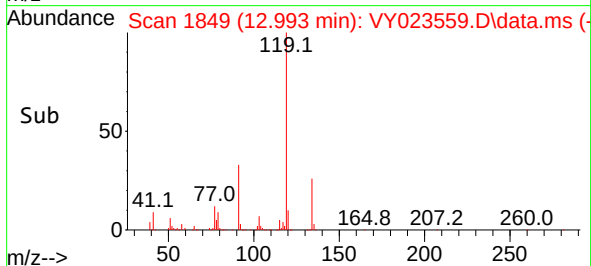
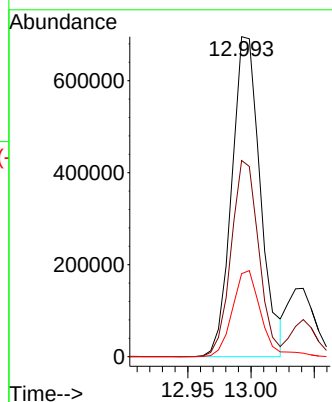
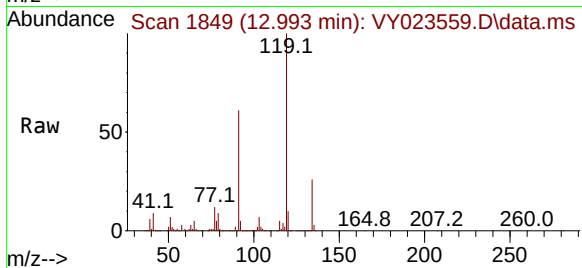
Tgt Ion:119 Resp: 1094487

Ion Ratio Lower Upper

119 100

91 59.2 29.9 89.8

134 27.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 57.333 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023559.D

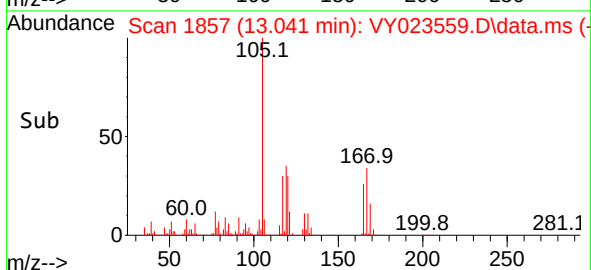
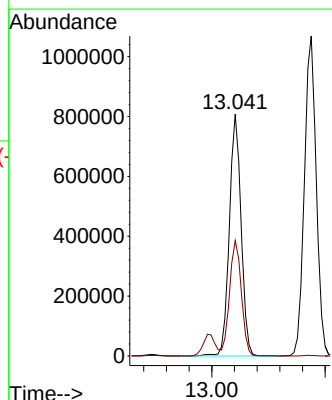
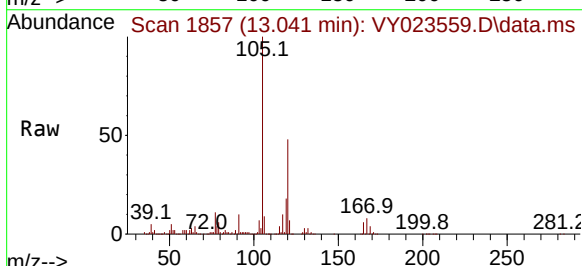
Acq: 24 Oct 2025 08:56

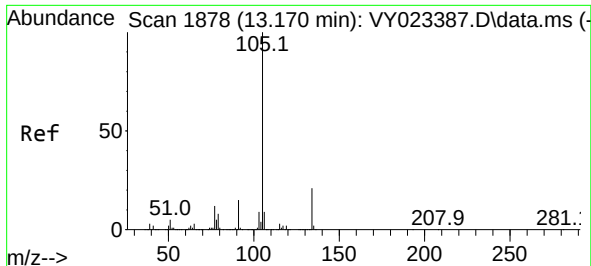
Tgt Ion:105 Resp: 1158715

Ion Ratio Lower Upper

105 100

120 47.6 23.8 71.2

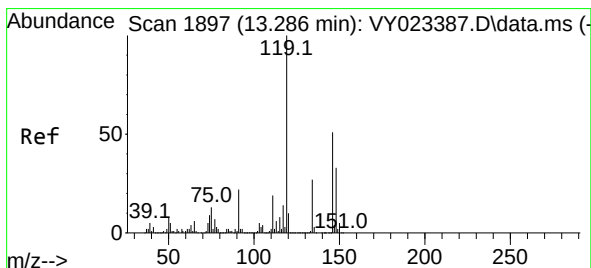
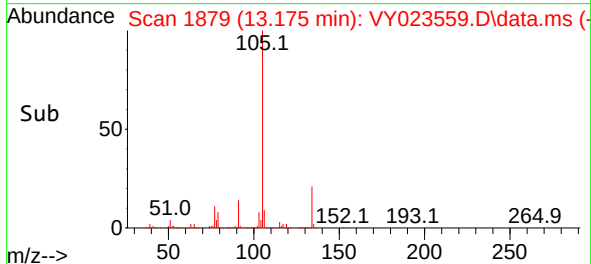
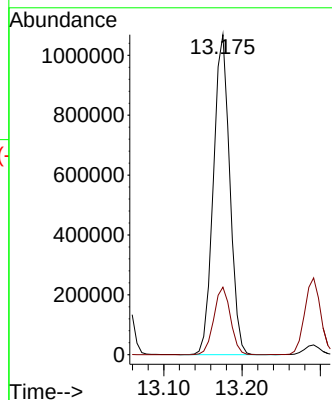
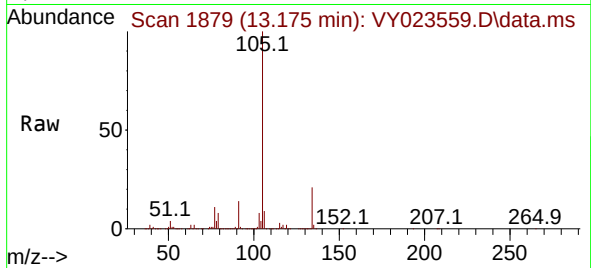




#85
 sec-Butylbenzene
 Concen: 57.753 ug/l
 RT: 13.175 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023559.D
 Acq: 24 Oct 2025 08:56

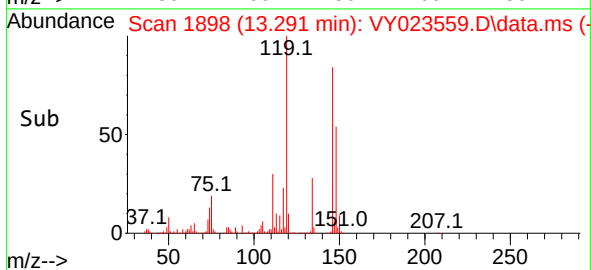
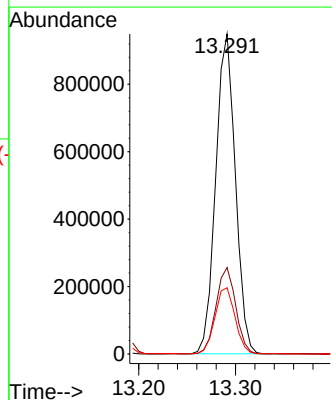
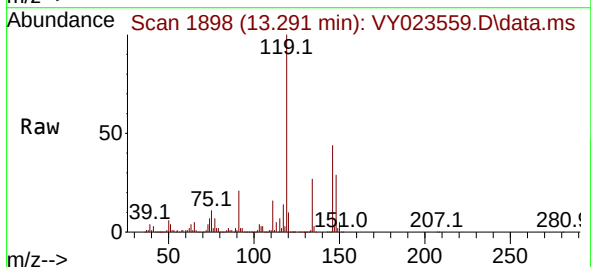
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

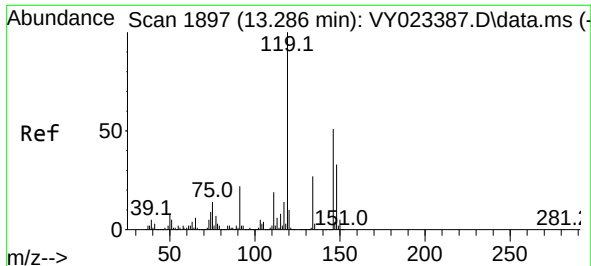
Tgt Ion:105 Resp: 1549057
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 58.577 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023559.D
 Acq: 24 Oct 2025 08:56

Tgt Ion:119 Resp: 1337700
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.2 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 55.564 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

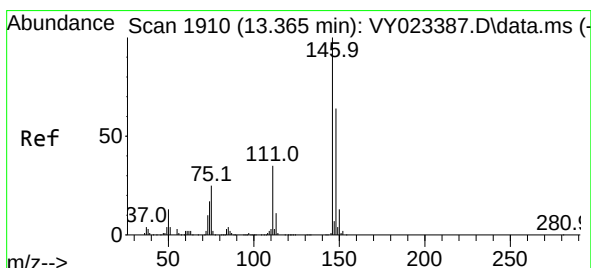
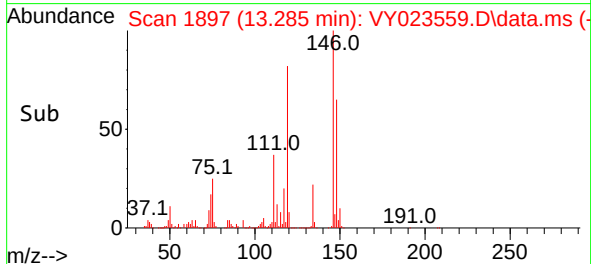
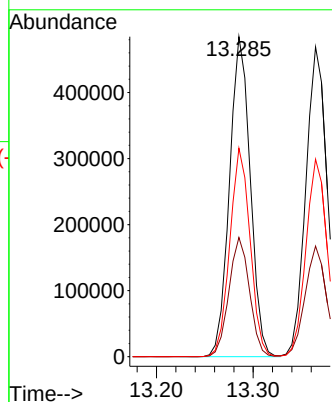
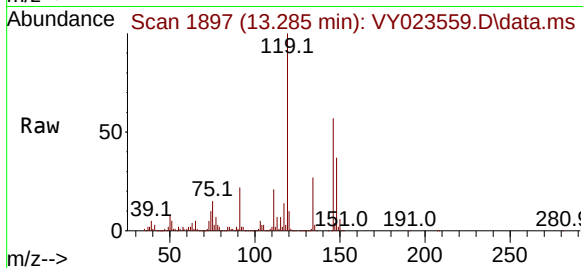
Tgt Ion:146 Resp: 720888

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 55.673 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

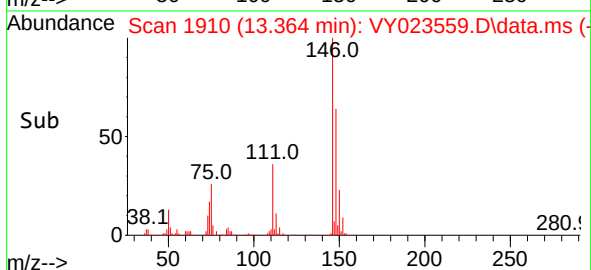
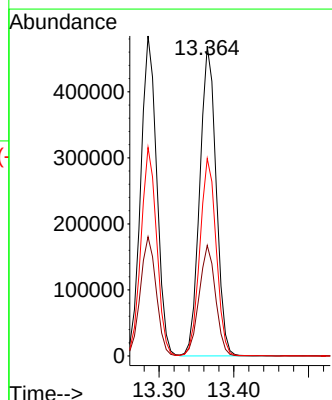
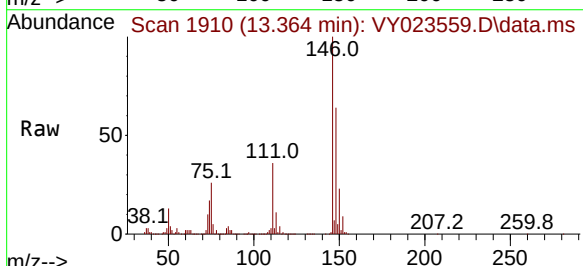
Tgt Ion:146 Resp: 713367

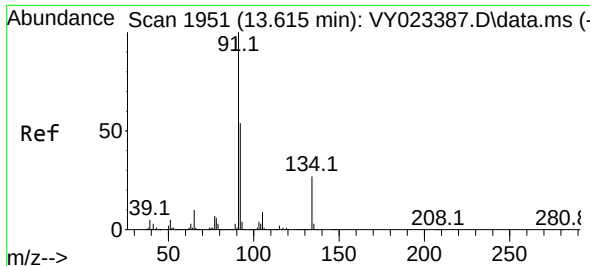
Ion Ratio Lower Upper

146 100

111 35.6 18.0 54.0

148 63.7 31.9 95.7

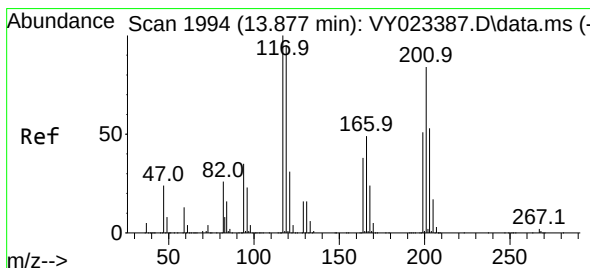
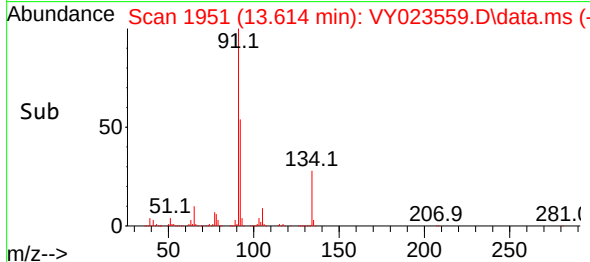
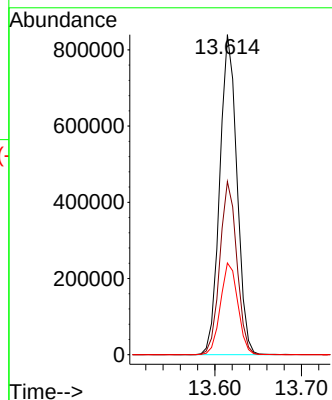
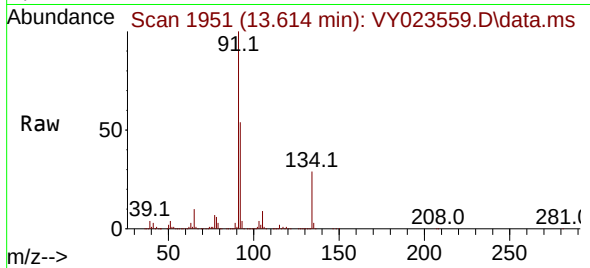




#89
n-Butylbenzene
Concen: 58.138 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

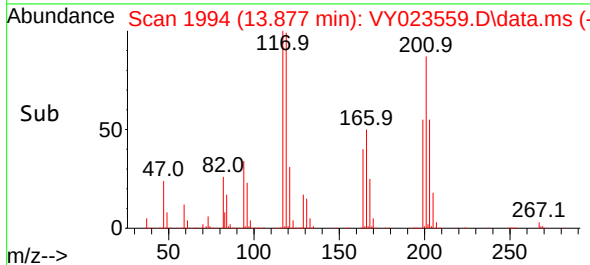
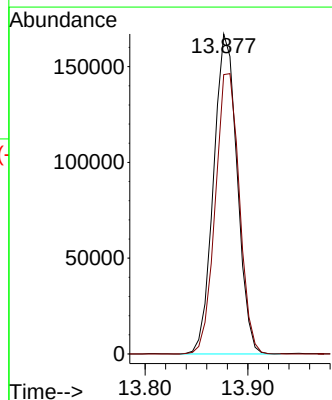
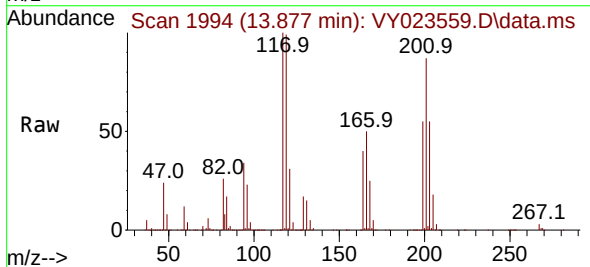
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

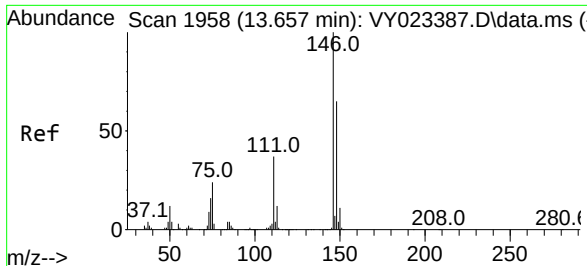
Tgt Ion: 91 Resp: 1156866
Ion Ratio Lower Upper
91 100
92 53.6 27.0 80.8
134 29.0 14.1 42.2



#90
Hexachloroethane
Concen: 54.294 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 117 Resp: 266678
Ion Ratio Lower Upper
117 100
201 89.0 43.8 131.4

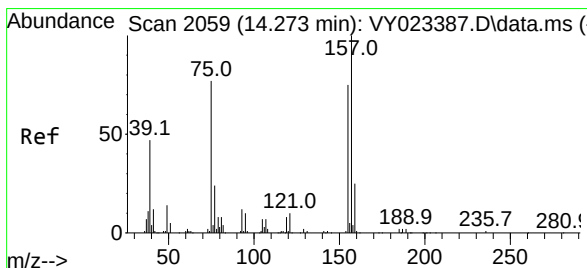
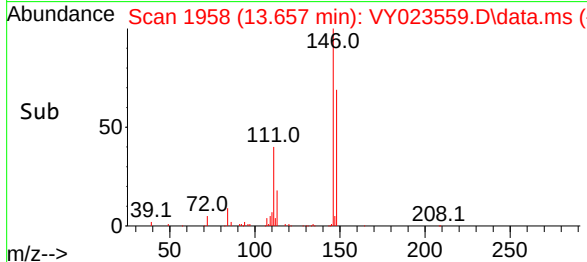
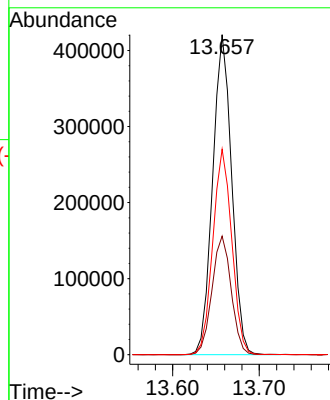
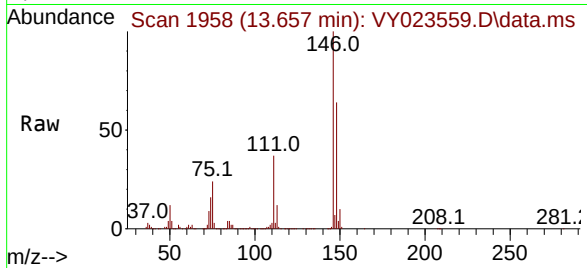




#91
 1,2-Dichlorobenzene
 Concen: 56.461 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023559.D
 Acq: 24 Oct 2025 08:56

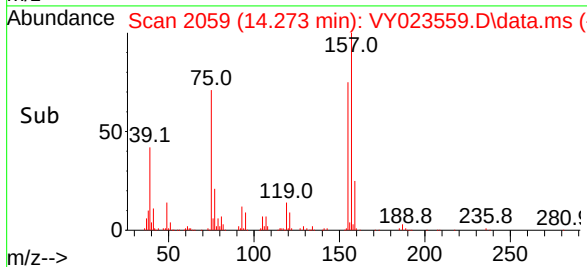
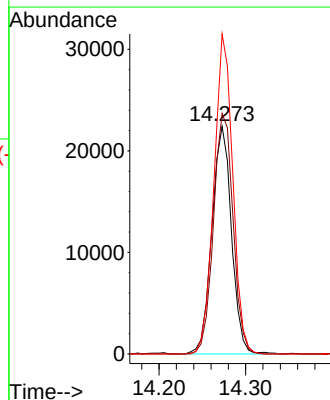
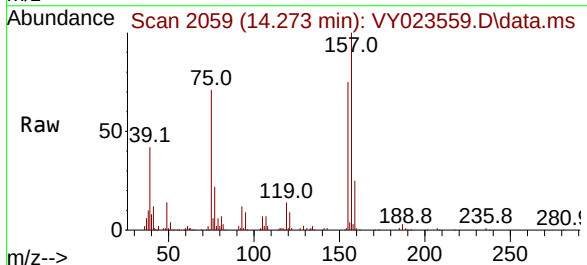
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

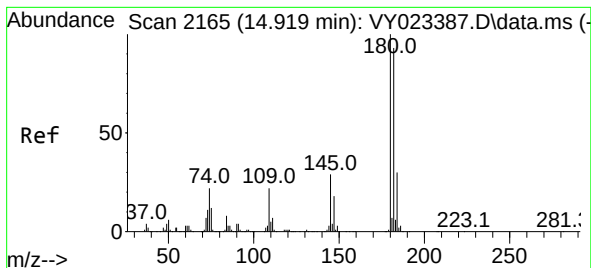
Tgt Ion:146 Resp: 642214
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.0 57.0
 148 64.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.353 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023559.D
 Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 35210
 Ion Ratio Lower Upper
 75 100
 155 105.8 50.0 150.0
 157 134.6 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 57.127 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

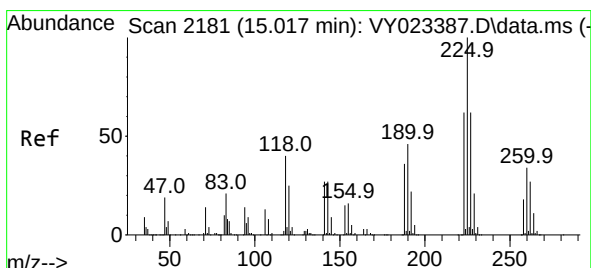
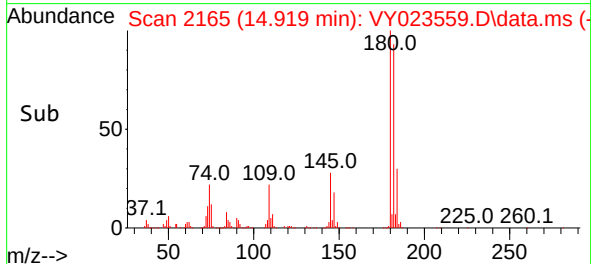
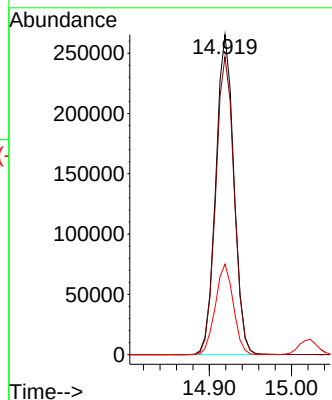
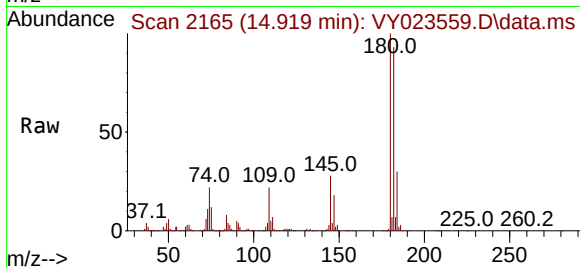
Tgt Ion:180 Resp: 405098

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 28.3 14.7 44.1



#94

Hexachlorobutadiene

Concen: 55.207 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

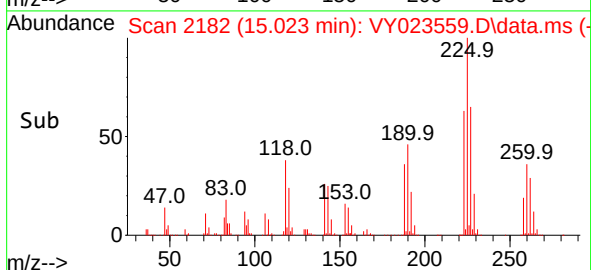
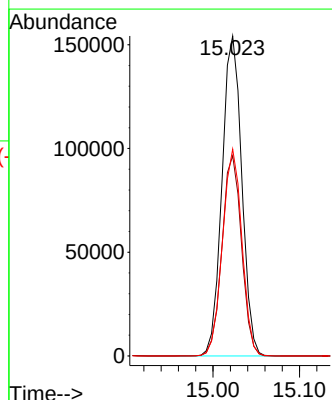
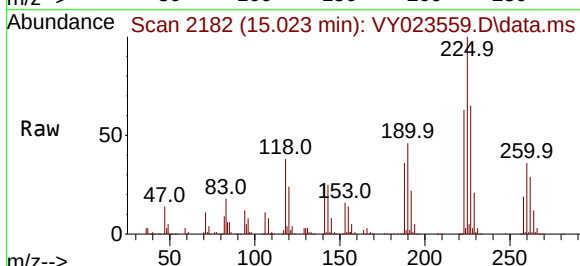
Tgt Ion:225 Resp: 244033

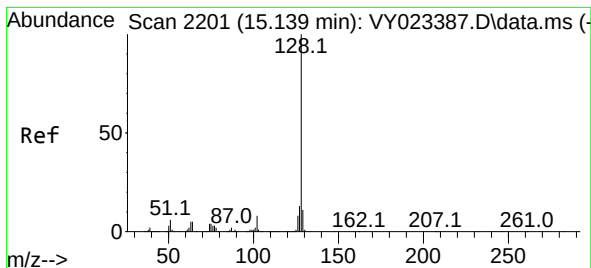
Ion Ratio Lower Upper

225 100

223 61.9 30.8 92.3

227 63.7 31.9 95.7





#95

Naphthalene

Concen: 58.694 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

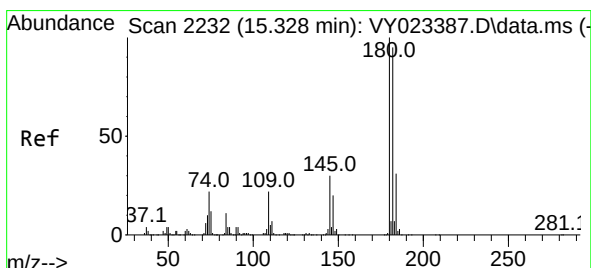
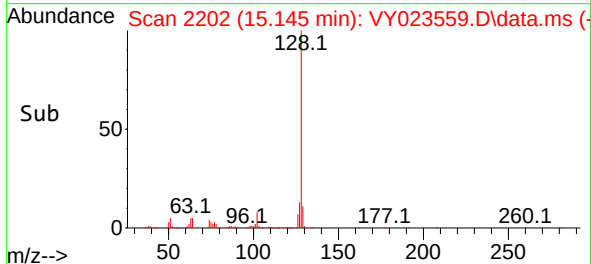
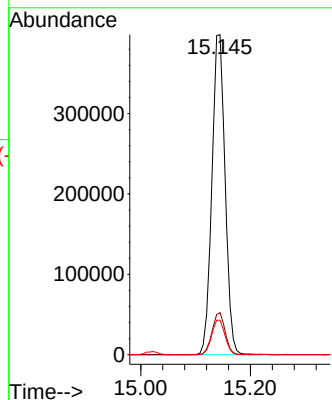
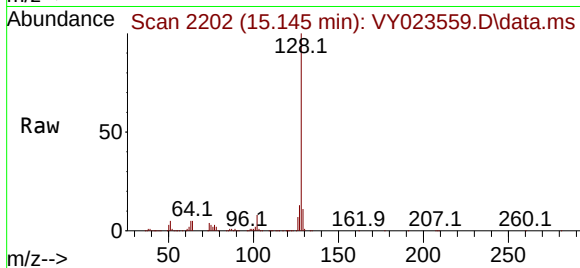
Tgt Ion:128 Resp: 662767

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 56.460 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023559.D

Acq: 24 Oct 2025 08:56

Tgt Ion:180 Resp: 346789

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 30.1 15.3 45.9

