

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023963.D
 Acq On : 15 Dec 2025 08:37
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Dec 16 02:09:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	584389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	812726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	678707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	350278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	248038	48.006	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.652	113	282730	53.218	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.440%
50) Toluene-d8	10.115	98	1043790	52.771	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.414	95	336171	50.892	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.780%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.879	85	193400	47.723	ug/l 97
3) Chloromethane	2.080	50	244922	47.045	ug/l 100
4) Vinyl Chloride	2.220	62	299466	46.551	ug/l 98
5) Bromomethane	2.617	94	241736	44.136	ug/l 100
6) Chloroethane	2.757	64	208395	45.977	ug/l 99
7) Trichlorofluoromethane	3.080	101	486035	50.184	ug/l 100
8) Diethyl Ether	3.470	74	126969	47.720	ug/l 93
9) 1,1,2-Trichlorotrifluo...	3.836	101	284427	50.392	ug/l 97
10) Methyl Iodide	4.025	142	378264	54.368	ug/l 99
11) Tert butyl alcohol	4.891	59	63906	213.594	ug/l 99
12) 1,1-Dichloroethene	3.811	96	271155	51.130	ug/l 98
13) Acrolein	3.671	56	116048	242.514	ug/l 100
14) Allyl chloride	4.409	41	332834	49.050	ug/l 97
15) Acrylonitrile	5.086	53	240292	226.673	ug/l 99
16) Acetone	3.891	43	306912	226.783	ug/l 99
17) Carbon Disulfide	4.128	76	747224	53.057	ug/l 100
18) Methyl Acetate	4.403	43	108593	46.453	ug/l 97
19) Methyl tert-butyl Ether	5.140	73	620612	48.936	ug/l 95
20) Methylene Chloride	4.641	84	279642	46.005	ug/l 94
21) trans-1,2-Dichloroethene	5.140	96	297380	51.080	ug/l 96
22) Diisopropyl ether	6.037	45	730451	47.274	ug/l 97
23) Vinyl Acetate	5.982	43	2047890	238.532	ug/l 99
24) 1,1-Dichloroethane	5.939	63	472431	49.053	ug/l 99
25) 2-Butanone	6.915	43	334510	209.494	ug/l 100
26) 2,2-Dichloropropane	6.902	77	466779	51.907	ug/l 100
27) cis-1,2-Dichloroethene	6.908	96	344167	51.497	ug/l 97
28) Bromochloromethane	7.262	49	170522	46.998	ug/l 90
29) Tetrahydrofuran	7.280	42	182574	224.199	ug/l 95
30) Chloroform	7.439	83	520752	49.500	ug/l 99
31) Cyclohexane	7.719	56	434142	48.995	ug/l 97
32) 1,1,1-Trichloroethane	7.634	97	492723	50.506	ug/l 99
36) 1,1-Dichloropropene	7.853	75	380144	52.558	ug/l 99
37) Ethyl Acetate	7.006	43	137538	46.698	ug/l 99
38) Carbon Tetrachloride	7.835	117	462872	52.798	ug/l 98
39) Methylcyclohexane	9.121	83	529708	54.817	ug/l 97
40) Benzene	8.097	78	1137422	51.641	ug/l 98

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 ClientSampleId :
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Quant Time: Dec 16 02:09:44 2025
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 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	77602	47.895	ug/l	95
42) 1,2-Dichloroethane	8.170	62	282105	48.842	ug/l	99
43) Isopropyl Acetate	8.213	43	259524	46.786	ug/l #	84
44) Trichloroethene	8.878	130	332358	52.041	ug/l	99
45) 1,2-Dichloropropane	9.152	63	250113	50.330	ug/l	99
46) Dibromomethane	9.243	93	148333	50.679	ug/l	96
47) Bromodichloromethane	9.432	83	388286	50.428	ug/l	99
48) Methyl methacrylate	9.231	41	127835	49.505	ug/l	97
49) 1,4-Dioxane	9.243	88	31066	952.059	ug/l	95
51) 4-Methyl-2-Pentanone	10.005	43	682499	232.222	ug/l	97
52) Toluene	10.182	92	756207	51.885	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	341315	51.295	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	407842	52.015	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	198919	49.378	ug/l	98
56) Ethyl methacrylate	10.451	69	241747	50.619	ug/l	97
57) 1,3-Dichloropropane	10.725	76	322184	49.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	434810	210.187	ug/l	97
59) 2-Hexanone	10.768	43	507202	227.387	ug/l	97
60) Dibromochloromethane	10.920	129	287371	51.523	ug/l	99
61) 1,2-Dibromoethane	11.024	107	187011	50.096	ug/l	99
64) Tetrachloroethene	10.658	164	389063	53.360	ug/l	97
65) Chlorobenzene	11.450	112	837122	53.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	294646	53.421	ug/l	98
67) Ethyl Benzene	11.530	91	1441684	54.712	ug/l	99
68) m/p-Xylenes	11.639	106	1137435	108.738	ug/l	99
69) o-Xylene	11.962	106	535411	54.716	ug/l	99
70) Styrene	11.975	104	861554	54.501	ug/l	99
71) Bromoform	12.139	173	171001	52.608	ug/l #	99
73) Isopropylbenzene	12.261	105	1421146	55.516	ug/l	99
74) N-amyl acetate	12.078	43	223251	49.167	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	198224	50.855	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	265312	89.542	ug/l #	100
77) Bromobenzene	12.542	156	343587	54.093	ug/l	96
78) n-propylbenzene	12.603	91	1624135	54.531	ug/l	98
79) 2-Chlorotoluene	12.688	91	904532	53.465	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	1125047	55.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	67455	51.821	ug/l	98
82) 4-Chlorotoluene	12.785	91	930549	53.429	ug/l	99
83) tert-Butylbenzene	13.005	119	1057207	56.028	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1094434	54.097	ug/l	99
85) sec-Butylbenzene	13.182	105	1510698	54.884	ug/l	100
86) p-Isopropyltoluene	13.298	119	1278658	54.880	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	651086	52.784	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	628410	51.683	ug/l	99
89) n-Butylbenzene	13.621	91	1100145	53.971	ug/l	100
90) Hexachloroethane	13.889	117	252182	53.042	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	554601	51.894	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	28941	47.955	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	330496	52.617	ug/l	99
94) Hexachlorobutadiene	15.029	225	217503	52.828	ug/l	99
95) Naphthalene	15.151	128	503937	51.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	272976	51.071	ug/l	100

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MSVOA_Y
ClientSampleId :
VSTDCCC050

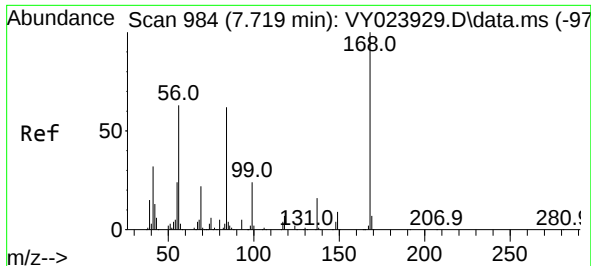
Quant Time: Dec 16 02:09:44 2025
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

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

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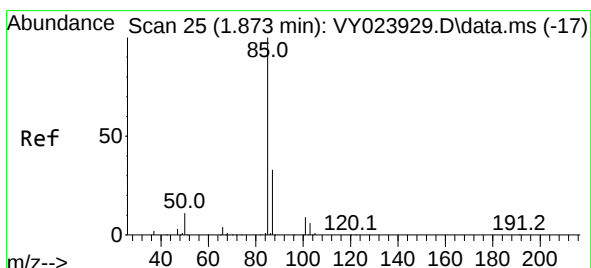
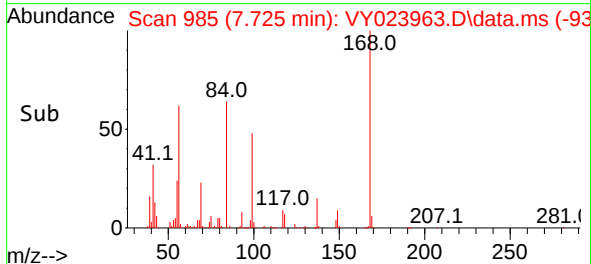
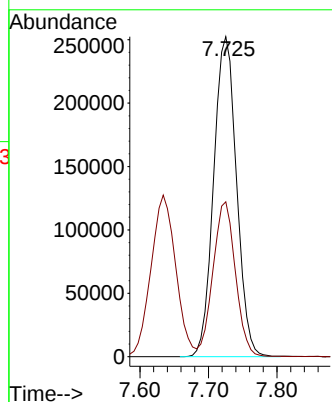
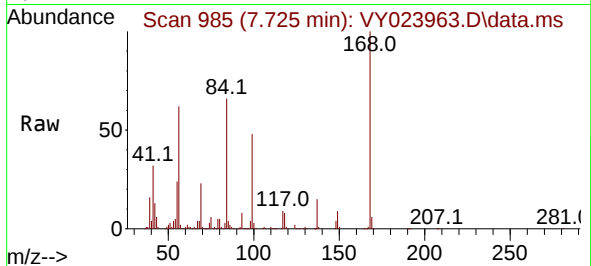




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

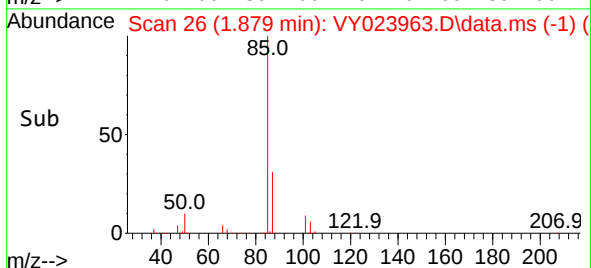
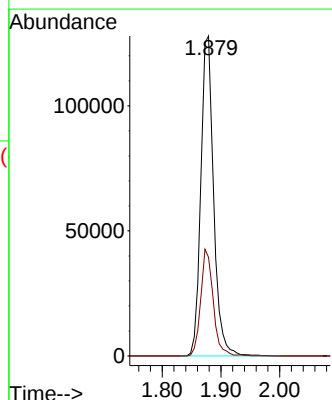
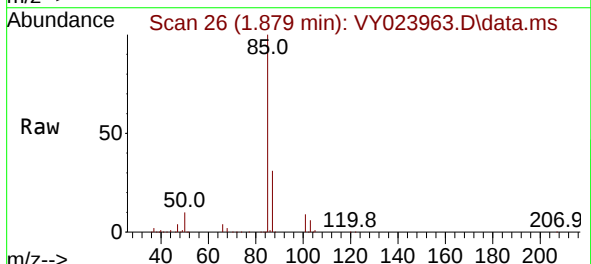
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

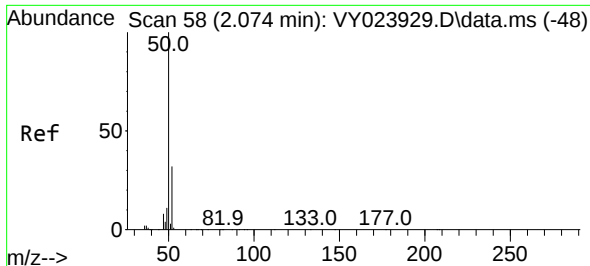
Tgt Ion:168 Resp: 584389
Ion Ratio Lower Upper
168 100
99 48.3 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 47.723 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 85 Resp: 193400
Ion Ratio Lower Upper
85 100
87 30.8 16.4 49.1

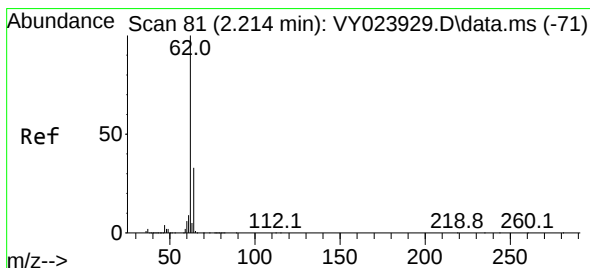
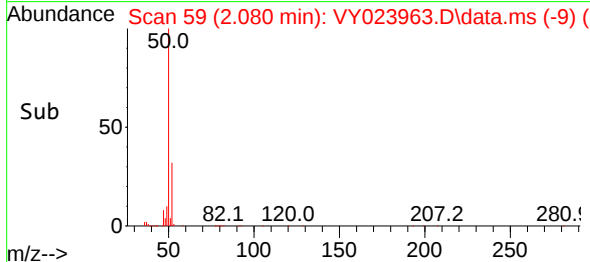
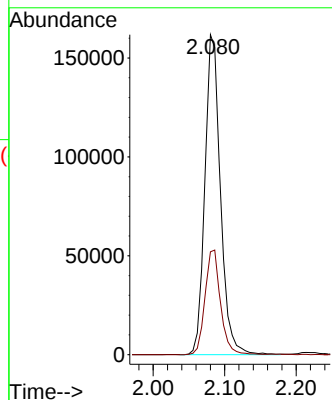
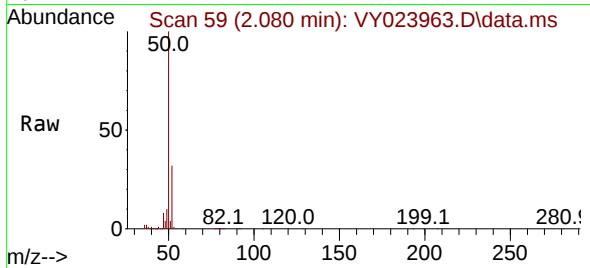




#3
Chloromethane
Concen: 47.045 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

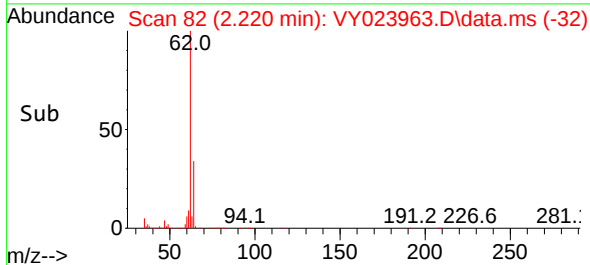
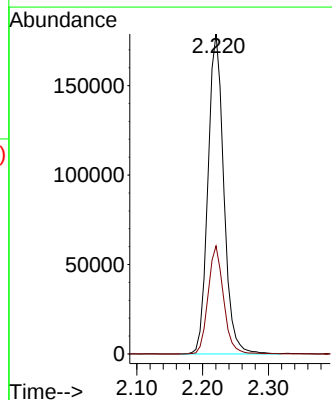
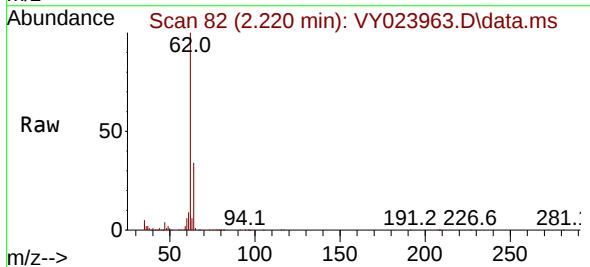
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MSVOA_Y
ClientSampleId :
VSTDCCC050

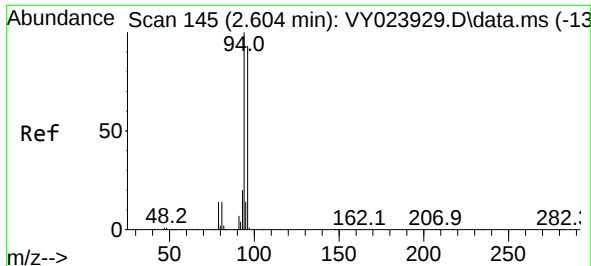
Tgt Ion: 50 Resp: 244922
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8



#4
Vinyl Chloride
Concen: 46.551 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 62 Resp: 299466
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.4

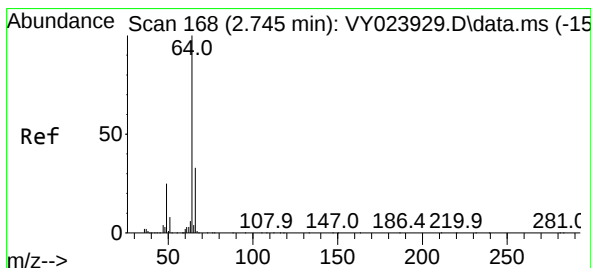
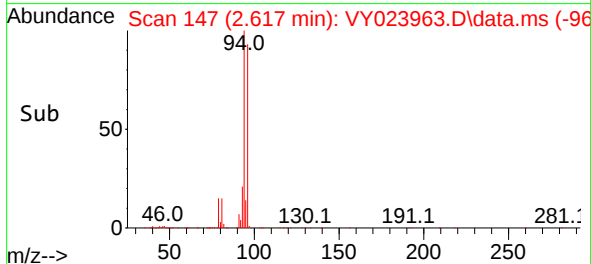
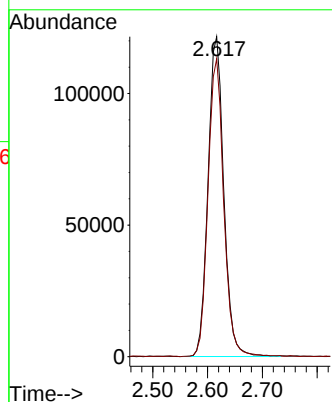
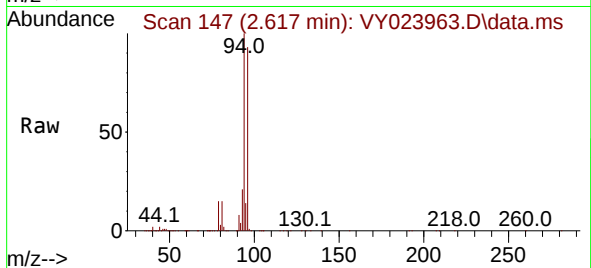




#5
Bromomethane
Concen: 44.136 ug/l
RT: 2.617 min Scan# 145
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

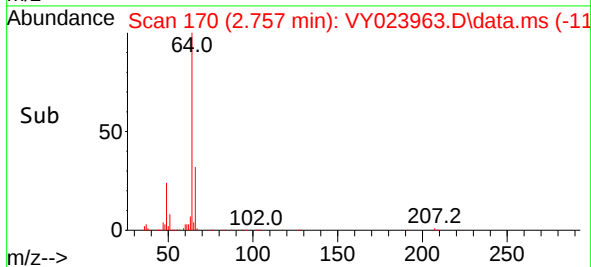
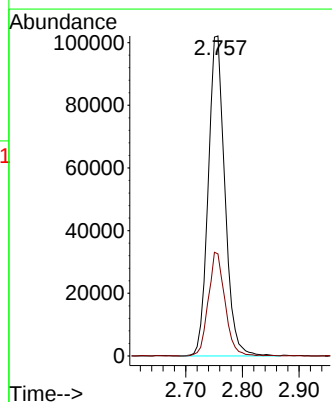
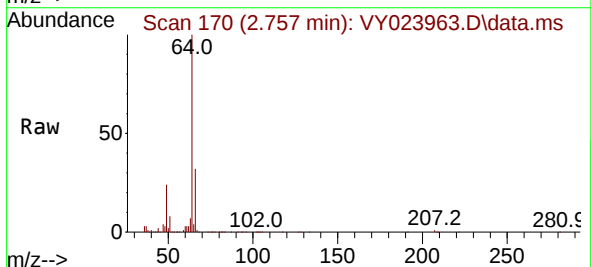
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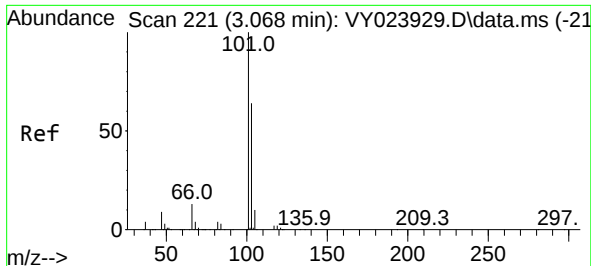
Tgt Ion: 94 Resp: 241736
Ion Ratio Lower Upper
94 100
96 93.2 74.8 112.2



#6
Chloroethane
Concen: 45.977 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 64 Resp: 208395
Ion Ratio Lower Upper
64 100
66 31.9 26.0 39.0

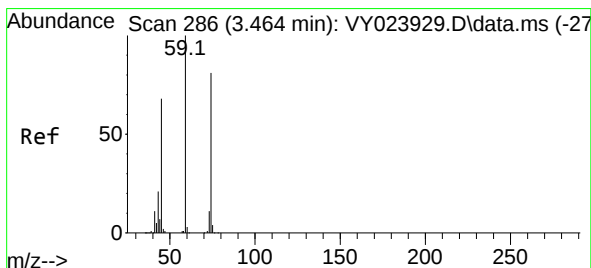
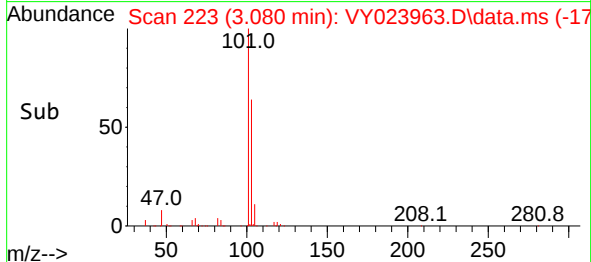
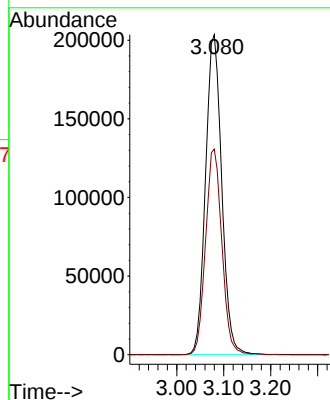
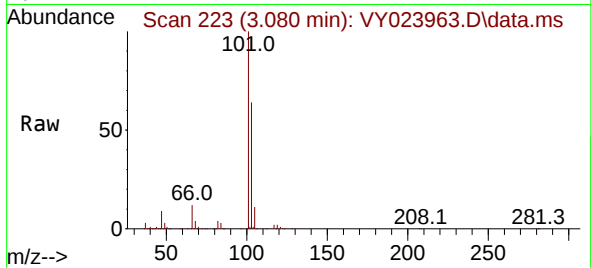




#7
 Trichlorofluoromethane
 Concen: 50.184 ug/l
 RT: 3.080 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY023963.D
 Acq: 15 Dec 2025 08:37

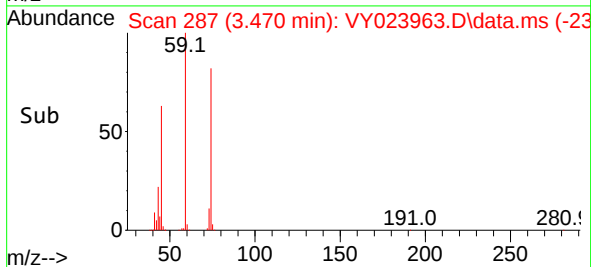
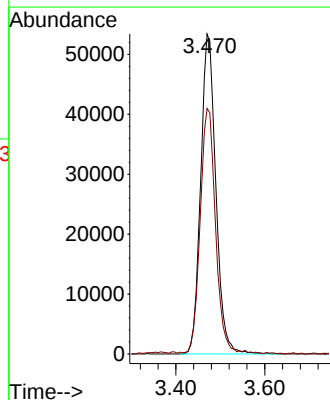
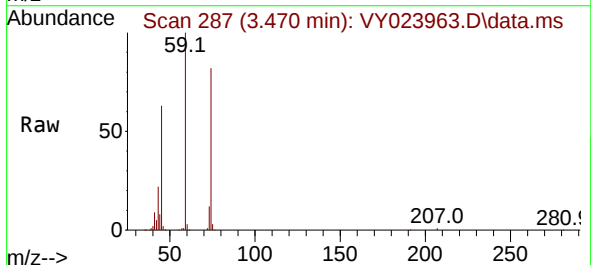
Instrument :
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 VSTDCCC050

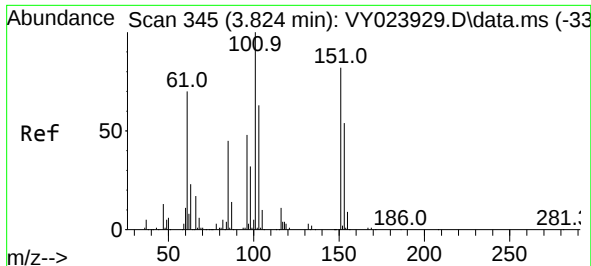
Tgt Ion:101 Resp: 486035
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 47.720 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY023963.D
 Acq: 15 Dec 2025 08:37

Tgt Ion: 74 Resp: 126969
 Ion Ratio Lower Upper
 74 100
 45 77.8 42.0 126.1

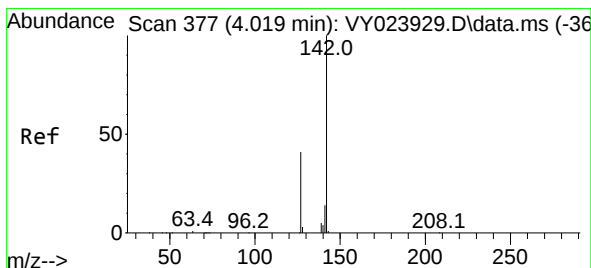
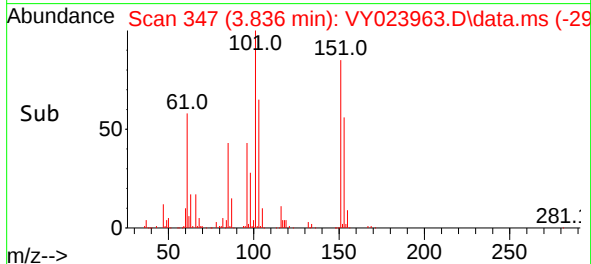
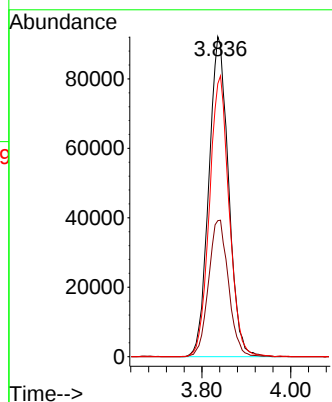
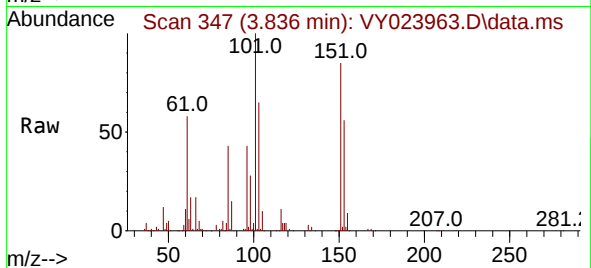




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.392 ug/l
RT: 3.836 min Scan# 345
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

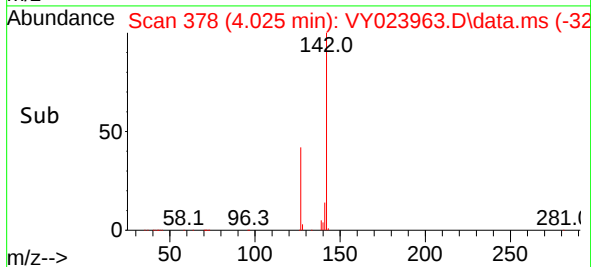
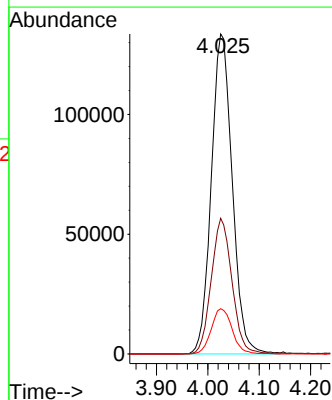
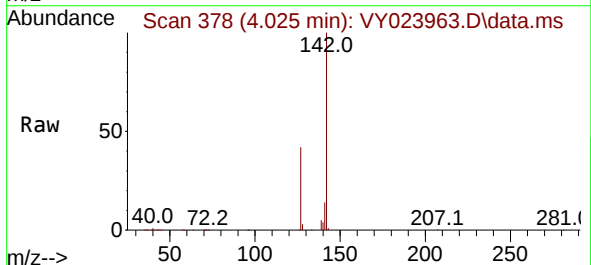
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

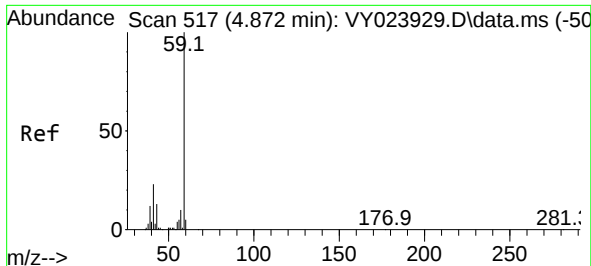
Tgt Ion:101 Resp: 284427
Ion Ratio Lower Upper
101 100
85 43.1 35.1 52.7
151 87.4 67.2 100.8



#10
Methyl Iodide
Concen: 54.368 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion:142 Resp: 378264
Ion Ratio Lower Upper
142 100
127 42.0 34.5 51.7
141 14.2 11.5 17.3

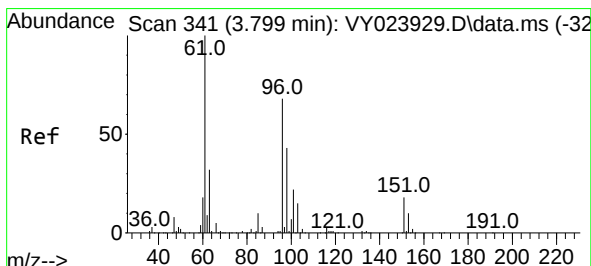
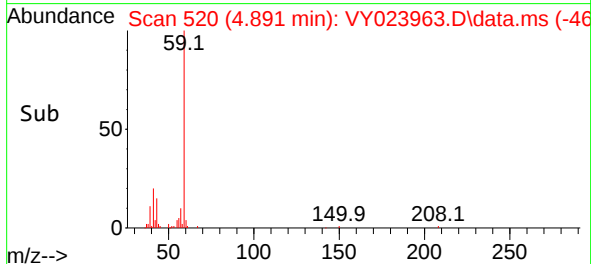
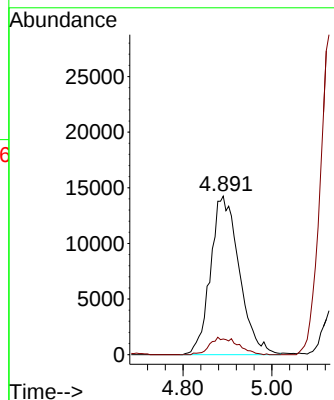
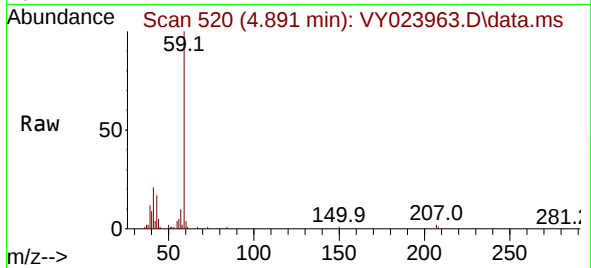




#11
Tert butyl alcohol
Concen: 213.594 ug/l
RT: 4.891 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

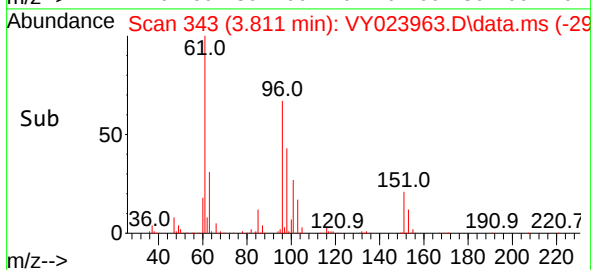
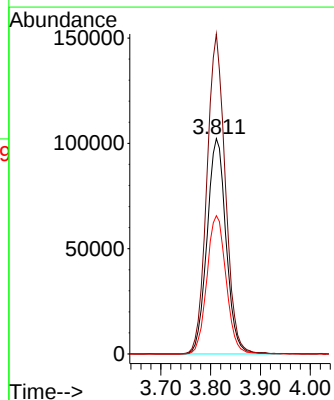
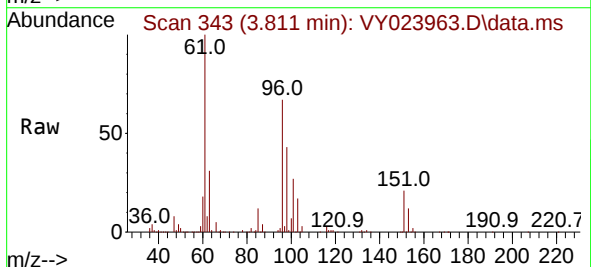
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

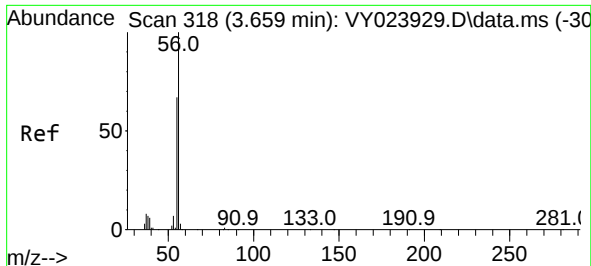
Tgt Ion: 59 Resp: 63906
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1



#12
1,1-Dichloroethene
Concen: 51.130 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 96 Resp: 271155
Ion Ratio Lower Upper
96 100
61 148.6 117.0 175.6
98 64.2 50.5 75.7

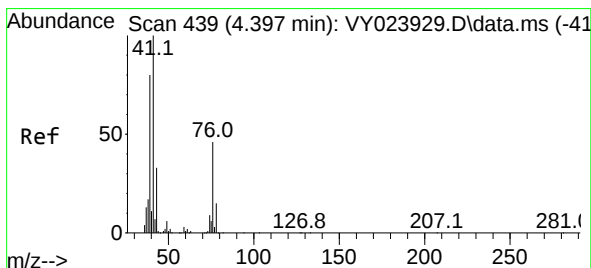
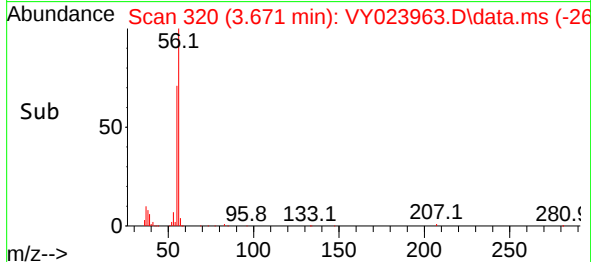
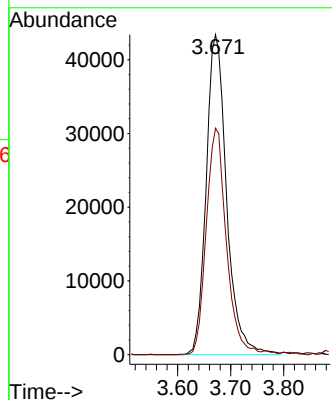
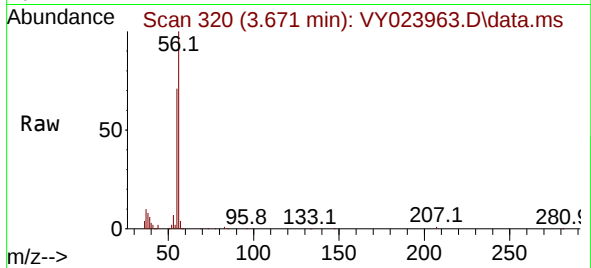




#13
Acrolein
Concen: 242.514 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

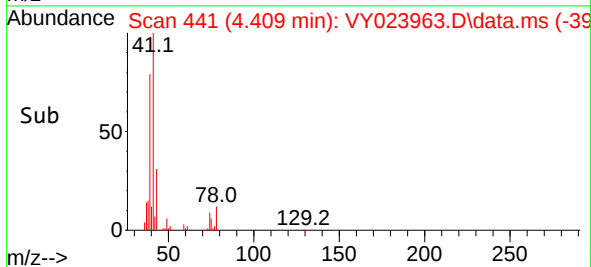
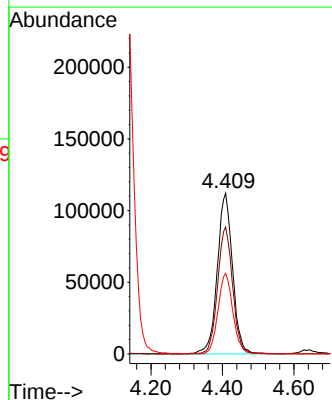
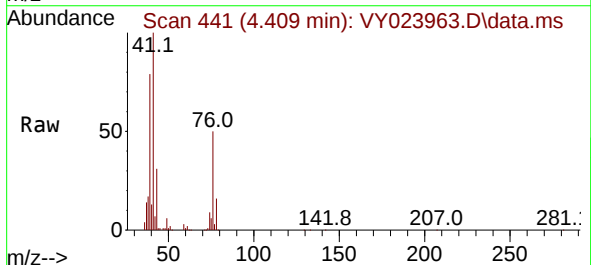
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

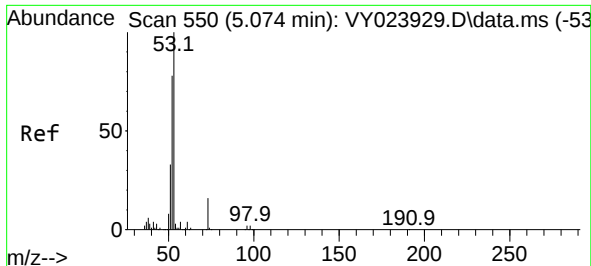
Tgt Ion: 56 Resp: 116048
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 49.050 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 41 Resp: 332834
Ion Ratio Lower Upper
41 100
39 77.4 62.9 94.3
76 48.7 35.7 53.5

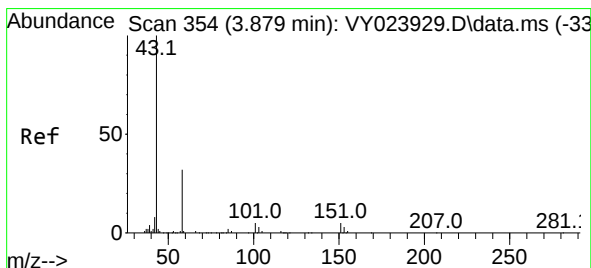
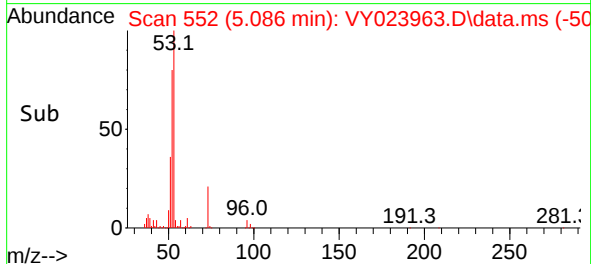
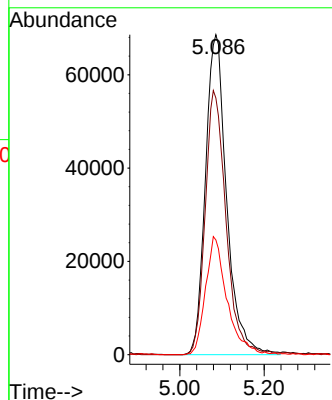
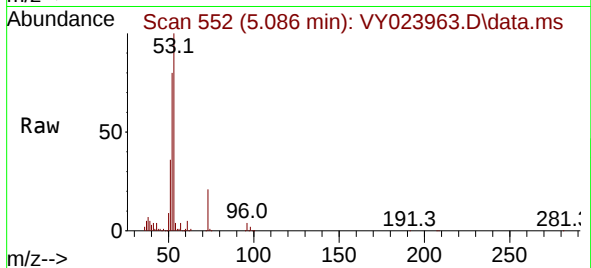




#15
Acrylonitrile
Concen: 226.673 ug/l
RT: 5.086 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

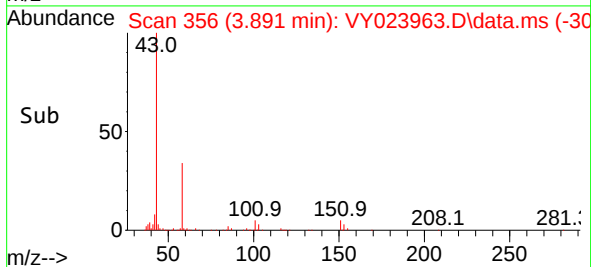
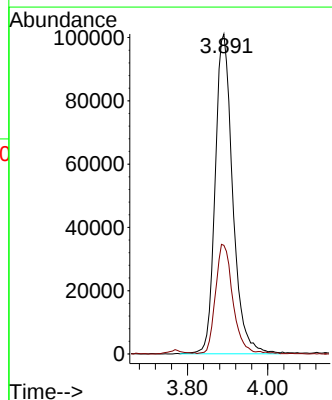
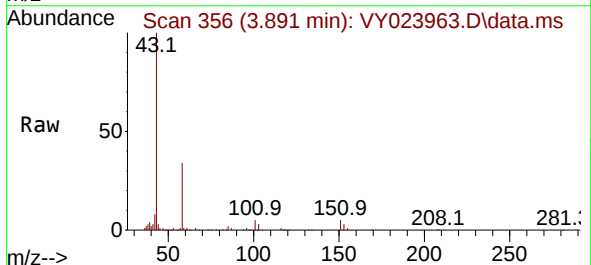
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

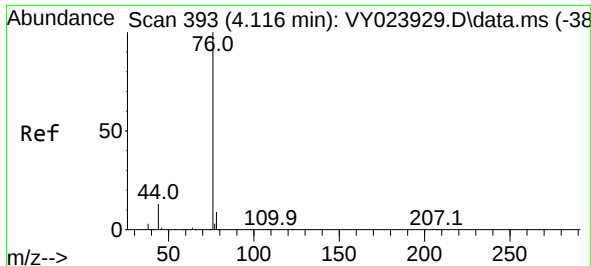
Tgt Ion: 53 Resp: 240292
Ion Ratio Lower Upper
53 100
52 81.0 64.2 96.2
51 37.3 29.3 43.9



#16
Acetone
Concen: 226.783 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 43 Resp: 306912
Ion Ratio Lower Upper
43 100
58 33.8 26.4 39.6

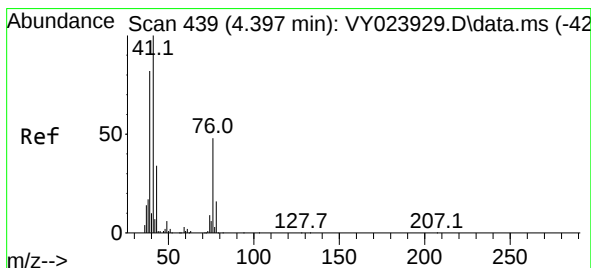
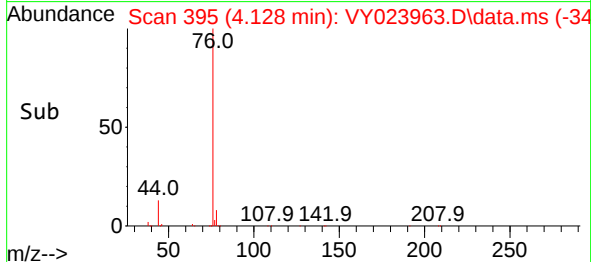
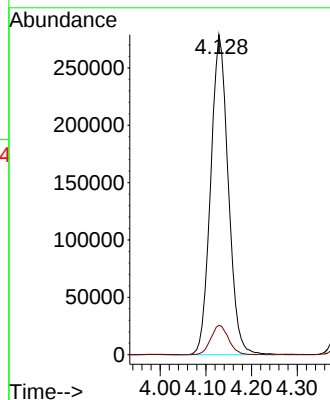
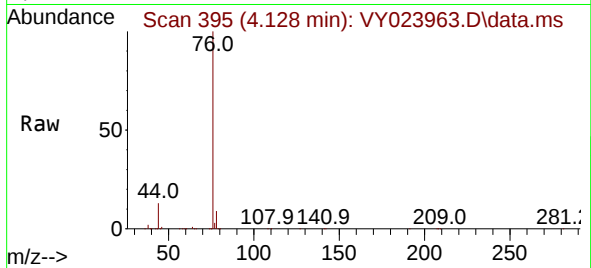




#17
Carbon Disulfide
Concen: 53.057 ug/l
RT: 4.128 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

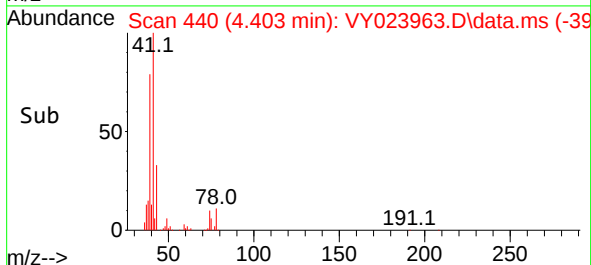
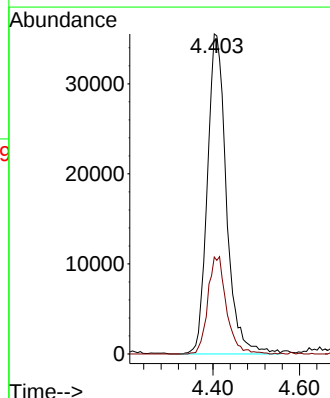
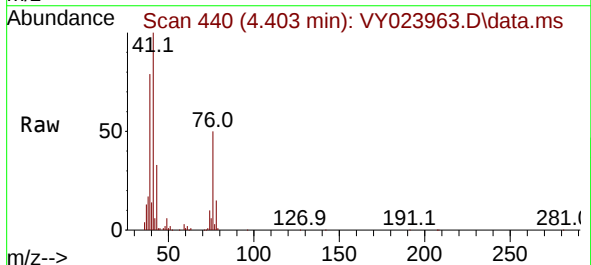
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

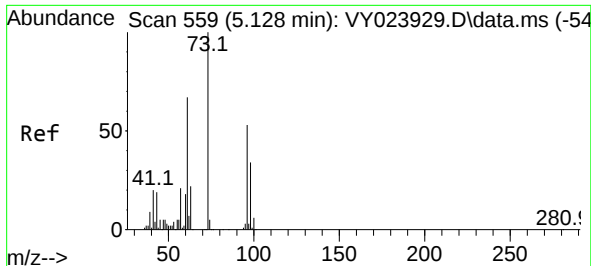
Tgt Ion: 76 Resp: 747224
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 46.453 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 43 Resp: 108593
Ion Ratio Lower Upper
43 100
74 29.8 22.6 33.8

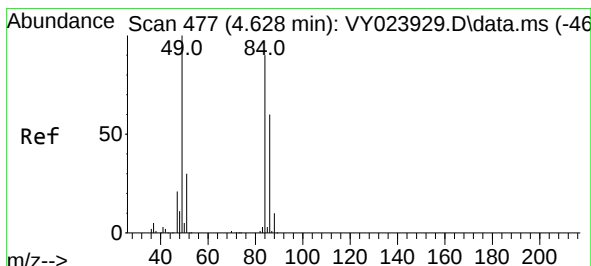
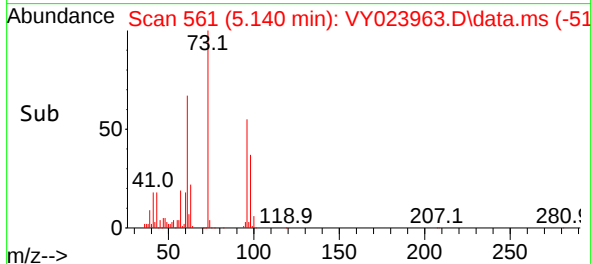
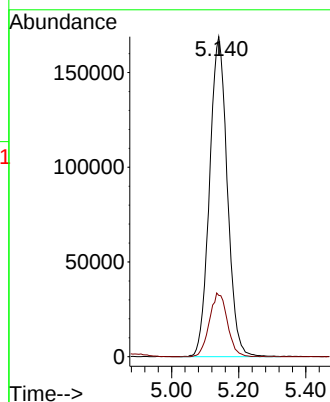
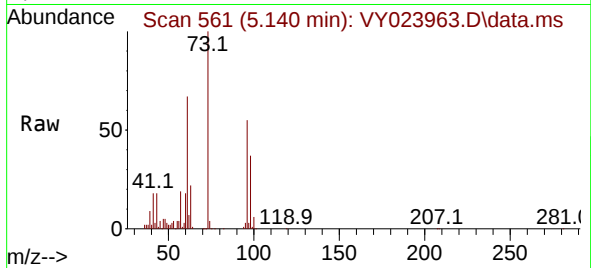




#19
Methyl tert-butyl Ether
Concen: 48.936 ug/l
RT: 5.140 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

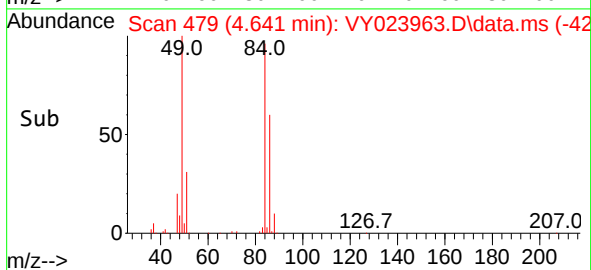
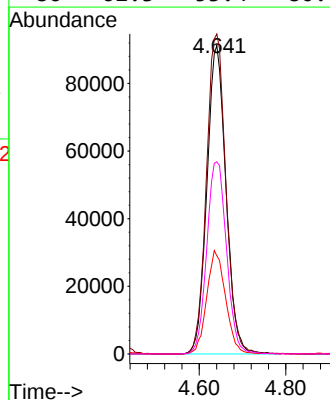
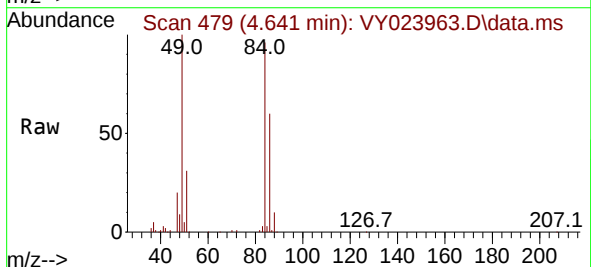
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

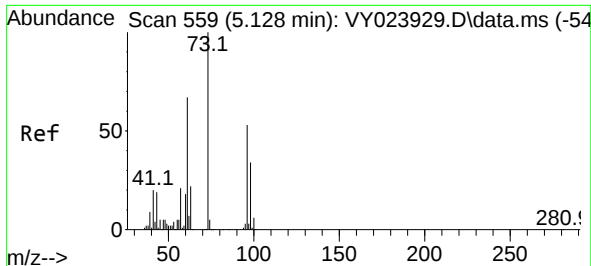
Tgt Ion: 73 Resp: 620612
Ion Ratio Lower Upper
73 100
57 19.2 17.1 25.7



#20
Methylene Chloride
Concen: 46.005 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 84 Resp: 279642
Ion Ratio Lower Upper
84 100
49 103.7 89.1 133.7
51 31.9 26.6 39.8
86 62.3 53.4 80.0

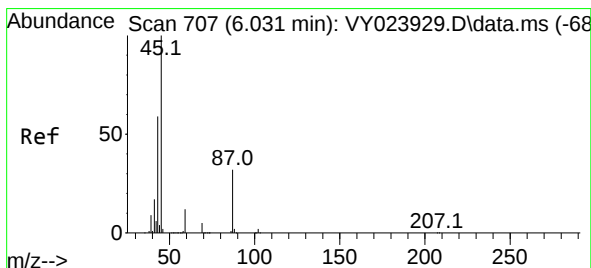
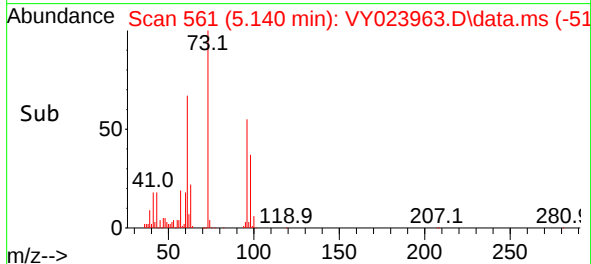
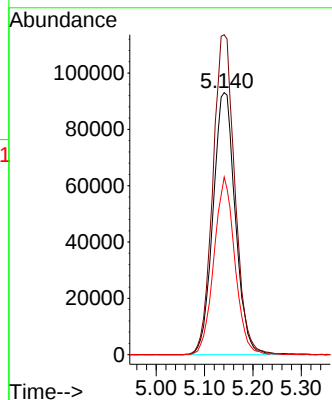
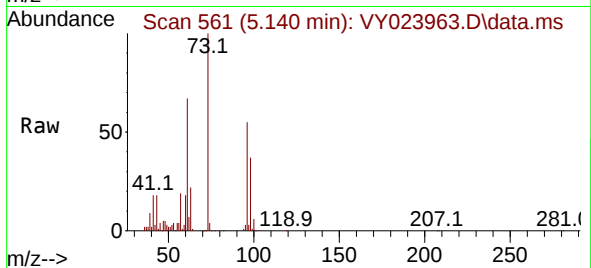




#21
trans-1,2-Dichloroethene
Concen: 51.080 ug/l
RT: 5.140 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

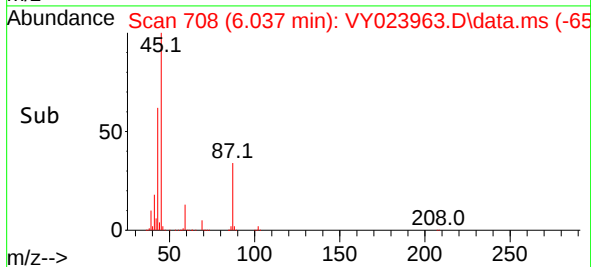
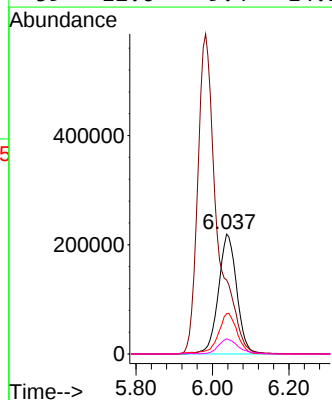
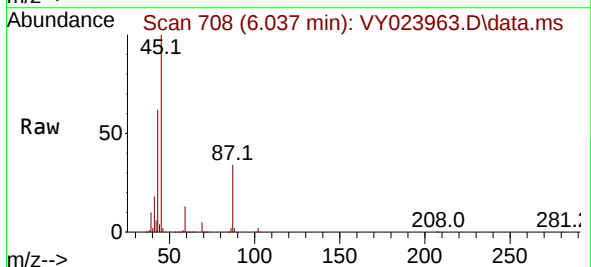
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

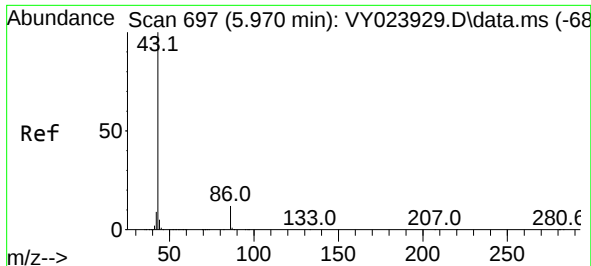
Tgt Ion: 96 Resp: 297380
Ion Ratio Lower Upper
96 100
61 122.1 101.4 152.0
98 67.7 51.7 77.5



#22
Diisopropyl ether
Concen: 47.274 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 45 Resp: 730451
Ion Ratio Lower Upper
45 100
43 61.6 47.0 70.6
87 33.5 26.0 39.0
59 12.6 9.4 14.2

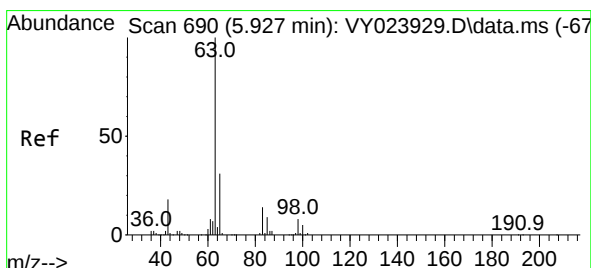
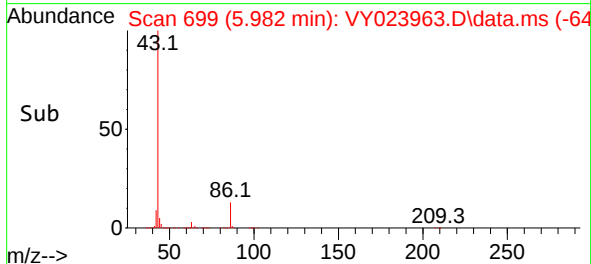
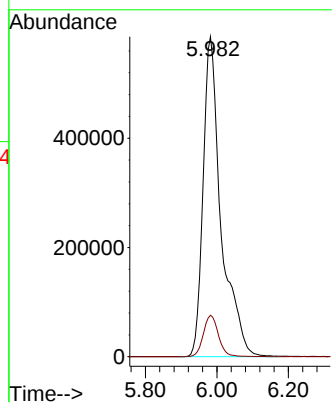
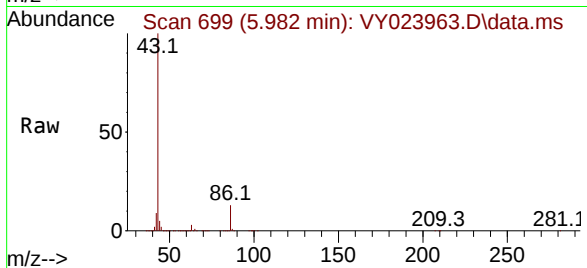




#23
 Vinyl Acetate
 Concen: 238.532 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY023963.D
 Acq: 15 Dec 2025 08:37

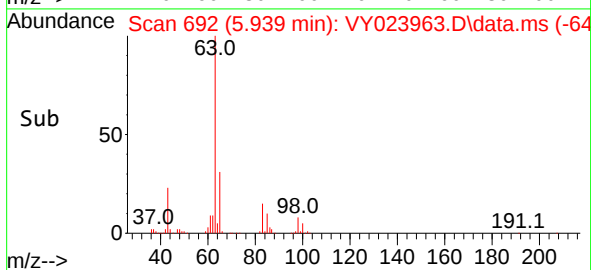
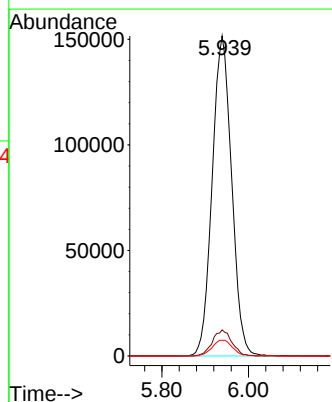
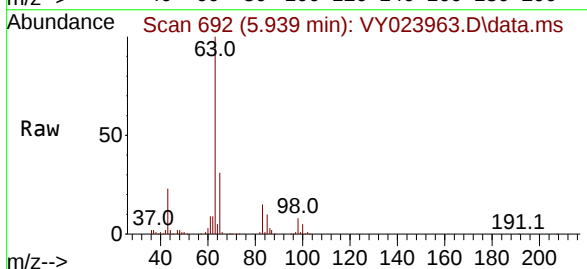
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

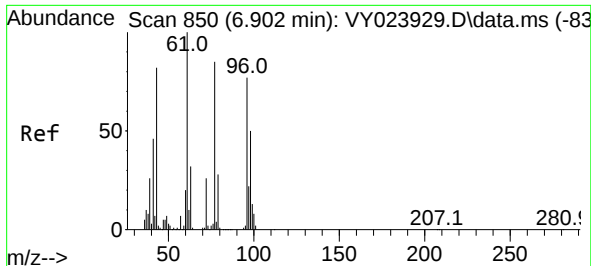
Tgt Ion: 43 Resp: 2047890
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 49.053 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY023963.D
 Acq: 15 Dec 2025 08:37

Tgt Ion: 63 Resp: 472431
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 4.9 2.3 6.9





#25

2-Butanone

Concen: 209.494 ug/l

RT: 6.915 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

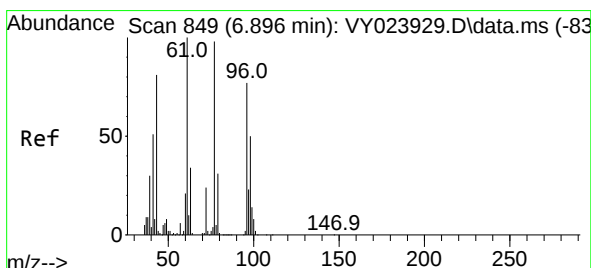
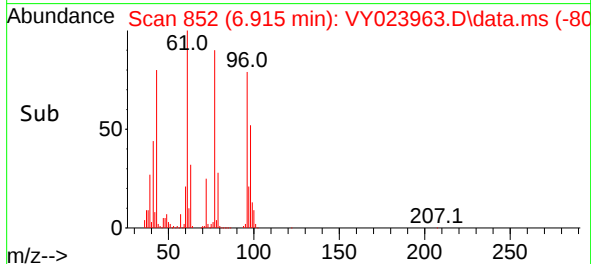
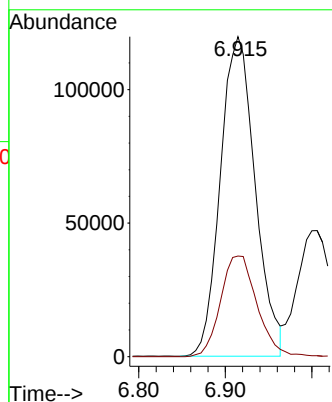
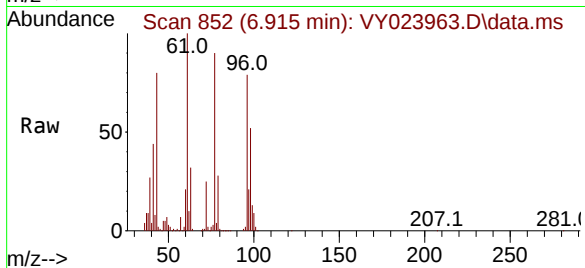
VSTDCCC050

Tgt Ion: 43 Resp: 334510

Ion Ratio Lower Upper

43 100

72 31.5 25.0 37.6



#26

2,2-Dichloropropane

Concen: 51.907 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY023963.D

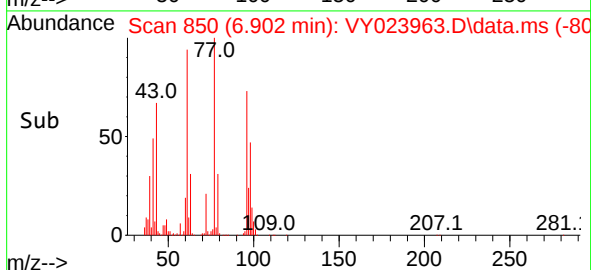
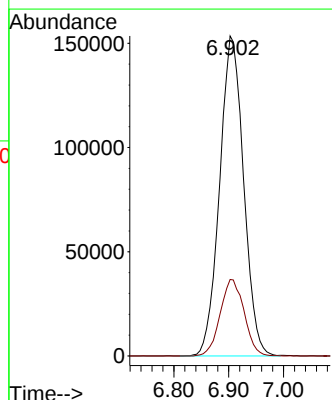
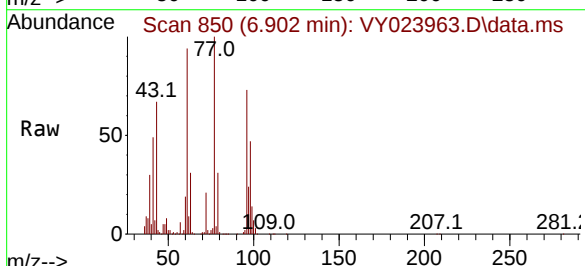
Acq: 15 Dec 2025 08:37

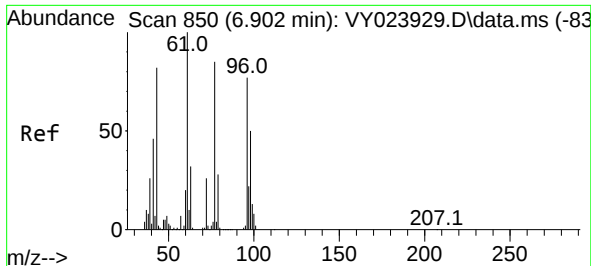
Tgt Ion: 77 Resp: 466779

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 51.497 ug/l

RT: 6.908 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

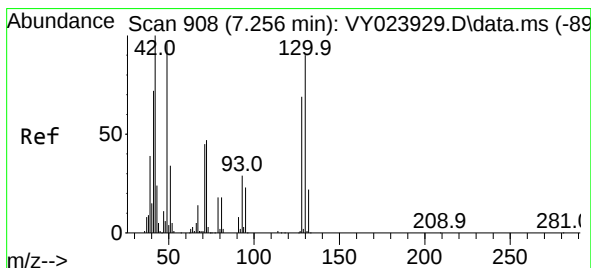
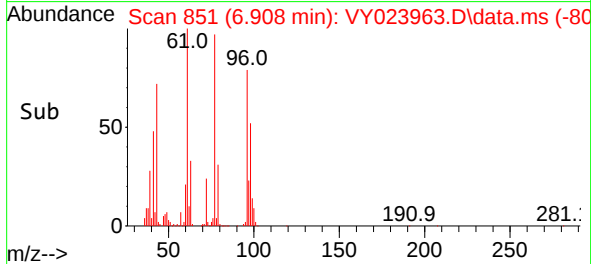
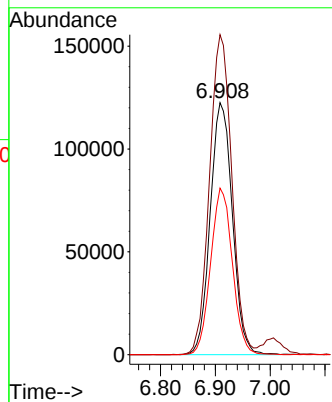
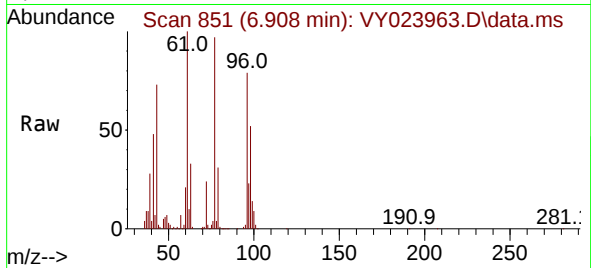
Tgt Ion: 96 Resp: 344167

Ion Ratio Lower Upper

96 100

61 127.8 0.0 264.6

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 46.998 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

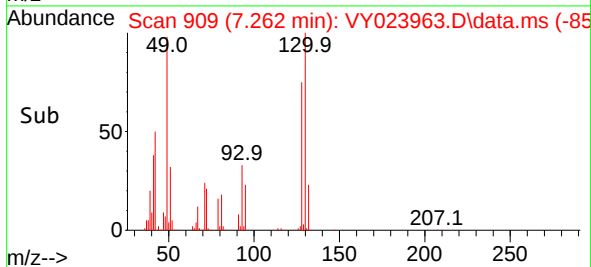
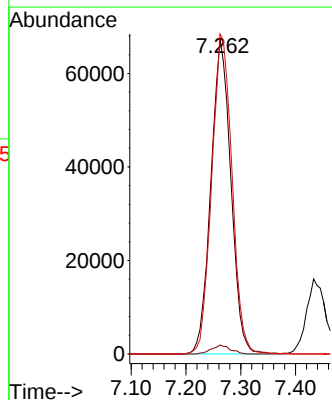
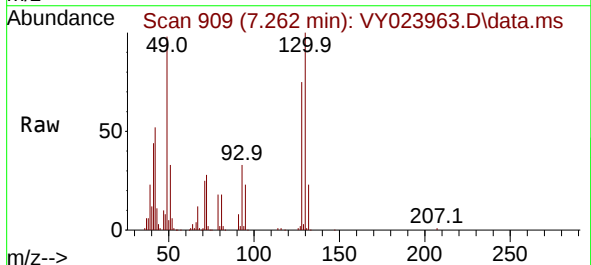
Tgt Ion: 49 Resp: 170522

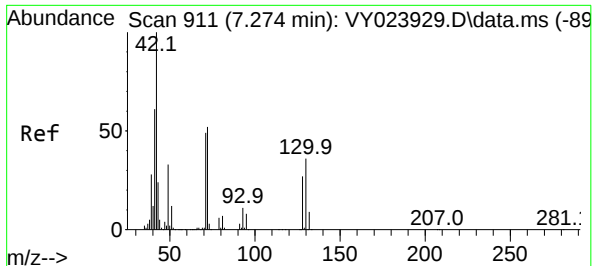
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.4

130 103.0 74.4 111.6





#29

Tetrahydrofuran

Concen: 224.199 ug/l

RT: 7.280 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

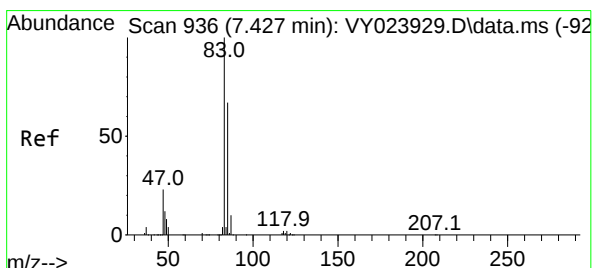
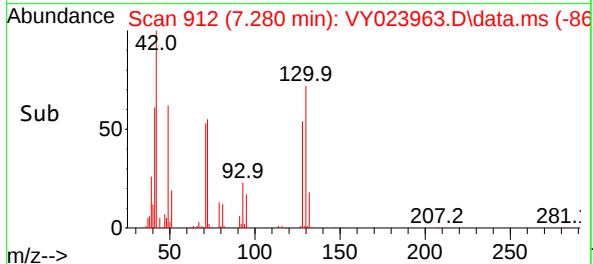
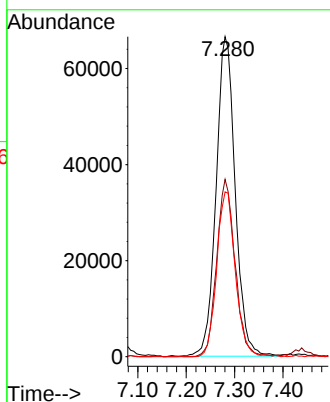
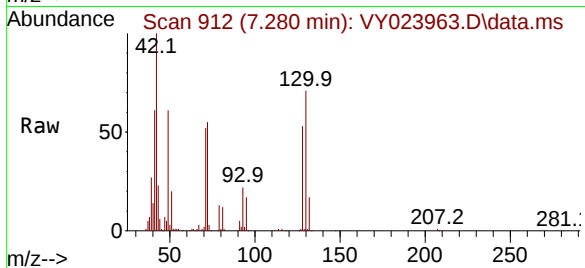
Tgt Ion: 42 Resp: 182574

Ion Ratio Lower Upper

42 100

72 53.3 40.0 60.0

71 50.4 37.7 56.5



#30

Chloroform

Concen: 49.500 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.012 min

Lab File: VY023963.D

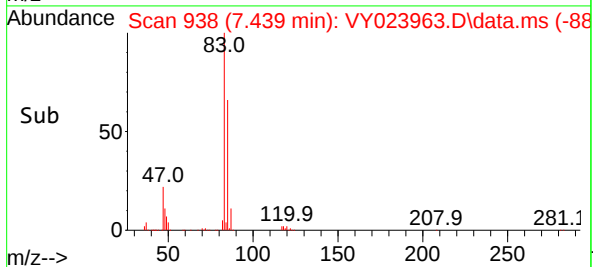
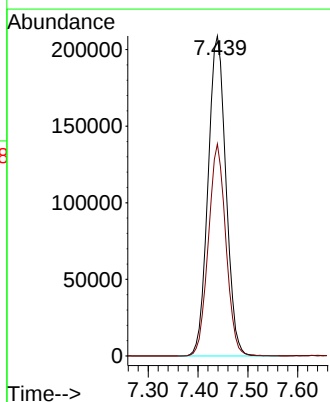
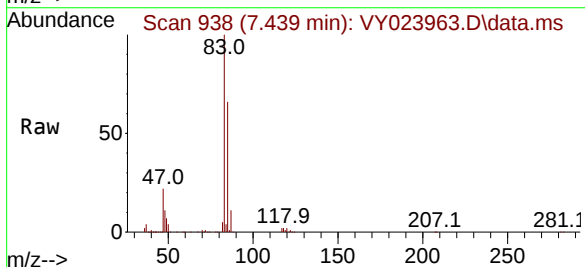
Acq: 15 Dec 2025 08:37

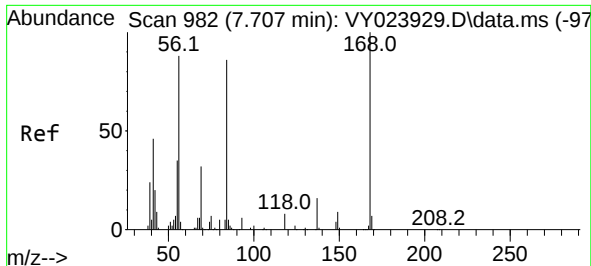
Tgt Ion: 83 Resp: 520752

Ion Ratio Lower Upper

83 100

85 66.2 53.4 80.0

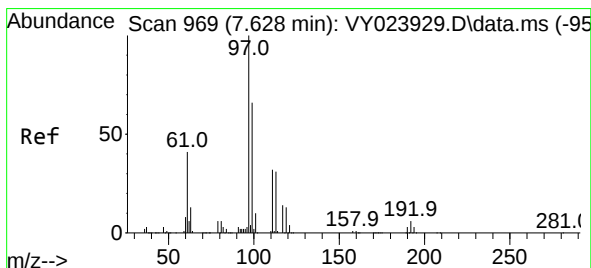
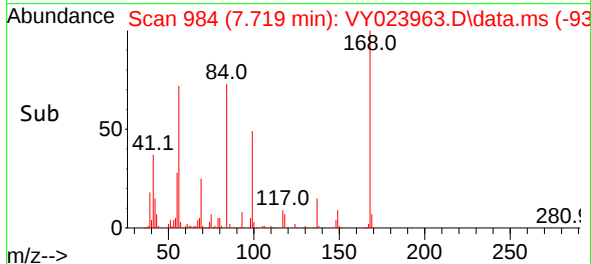
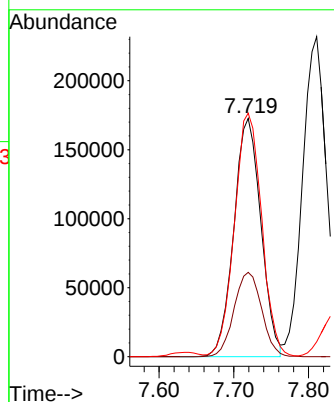
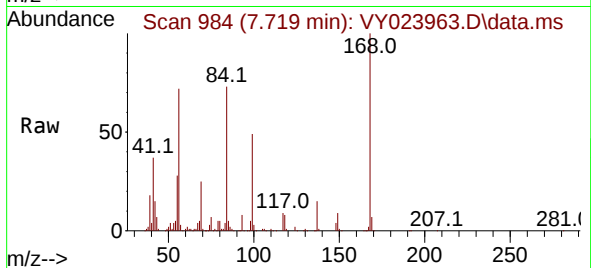




#31
Cyclohexane
Concen: 48.995 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

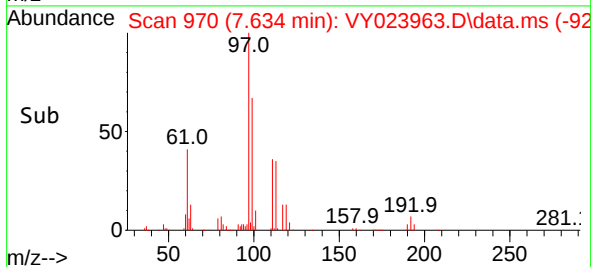
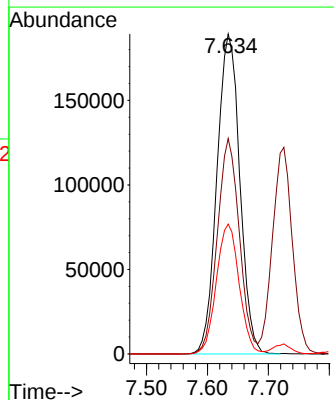
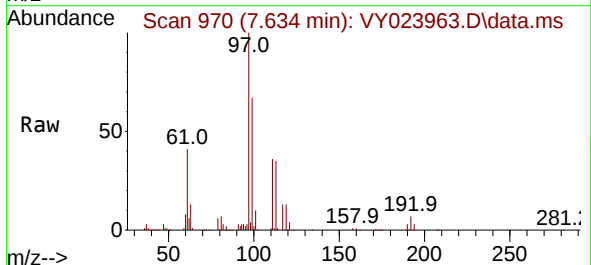
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

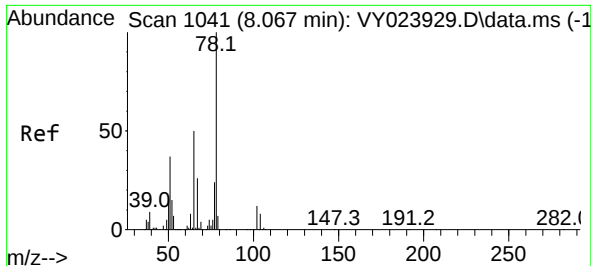
Tgt Ion: 56 Resp: 434142
Ion Ratio Lower Upper
56 100
69 35.4 29.1 43.7
84 100.5 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 50.506 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 97 Resp: 492723
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.0
61 40.5 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 48.006 ug/l

RT: 8.079 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

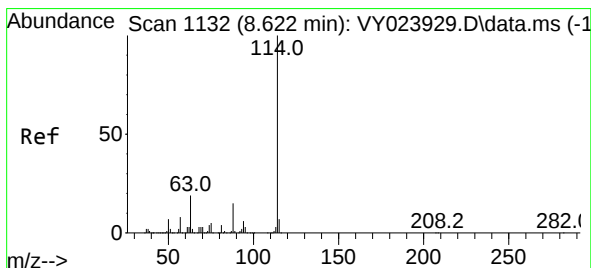
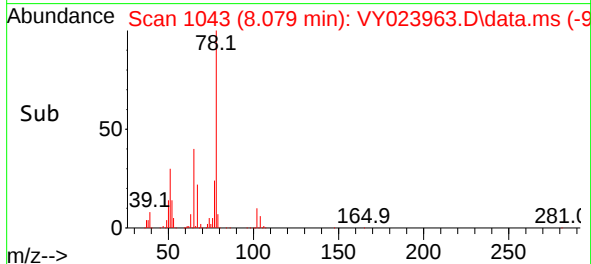
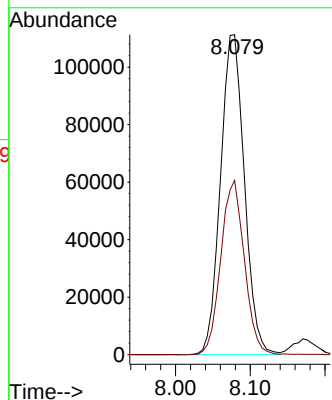
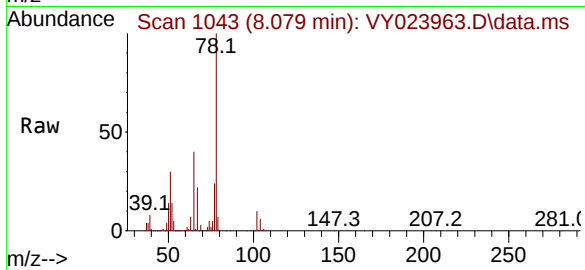
VSTDCCC050

Tgt Ion: 65 Resp: 248038

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

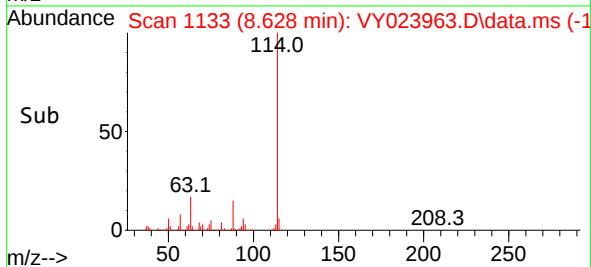
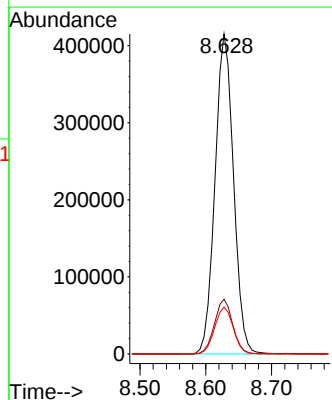
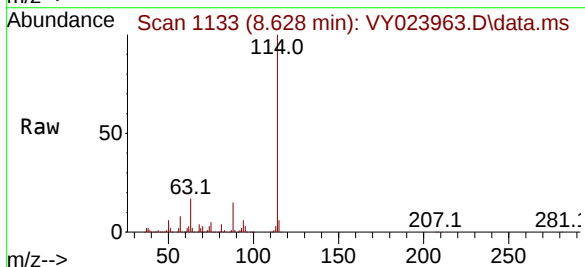
Tgt Ion: 114 Resp: 812726

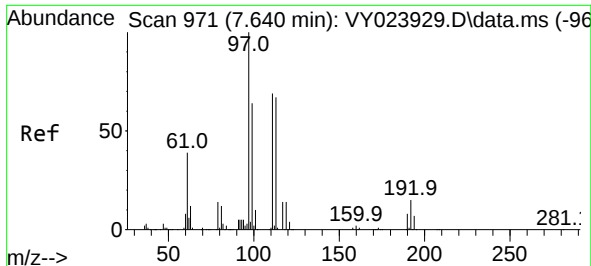
Ion Ratio Lower Upper

114 100

63 17.1 0.0 37.2

88 14.7 0.0 29.4

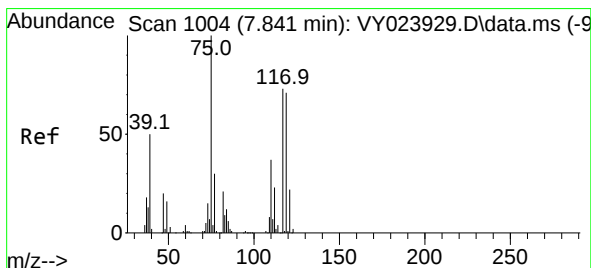
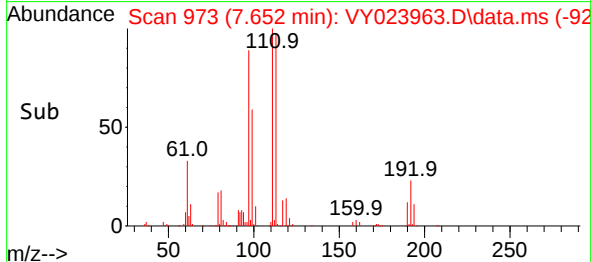
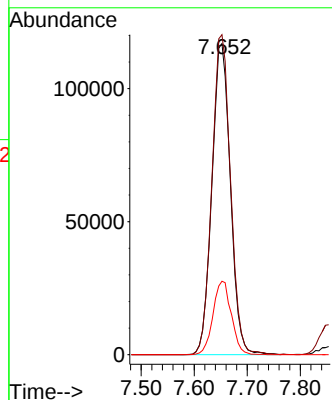
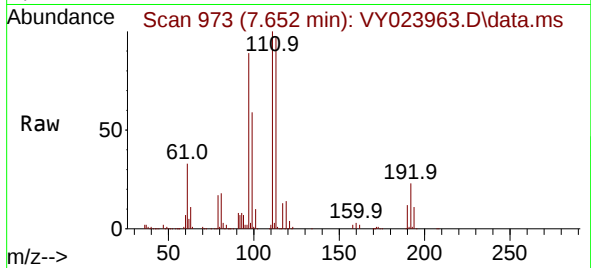




#35
Dibromofluoromethane
Concen: 53.218 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

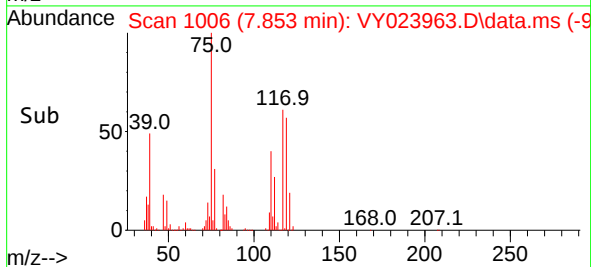
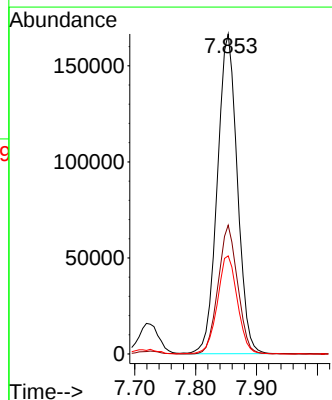
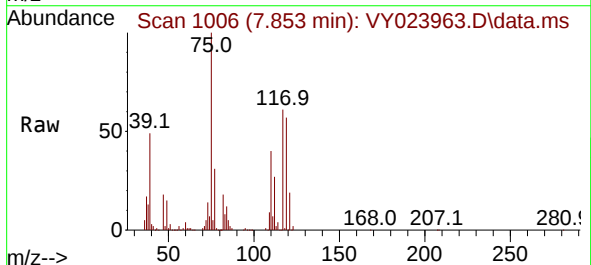
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

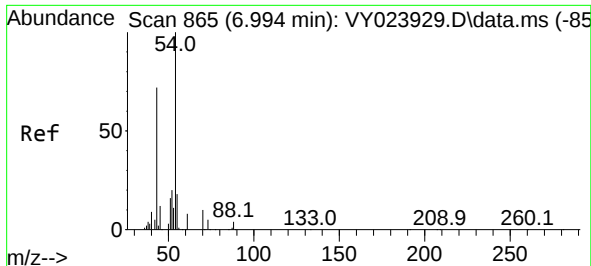
Tgt Ion:113 Resp: 282730
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 23.4 17.9 26.9



#36
1,1-Dichloropropene
Concen: 52.558 ug/l
RT: 7.853 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 75 Resp: 380144
Ion Ratio Lower Upper
75 100
110 39.3 19.2 57.6
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 46.698 ug/l

RT: 7.006 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

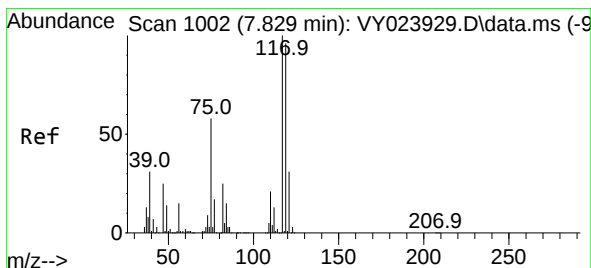
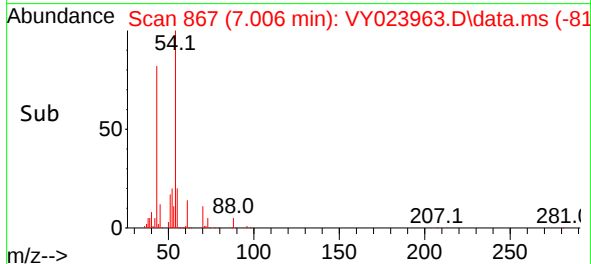
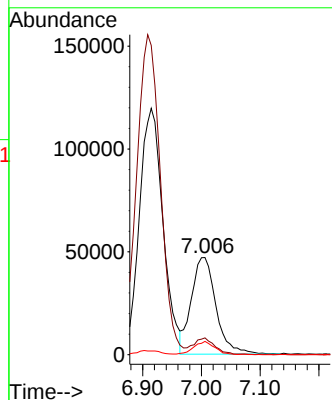
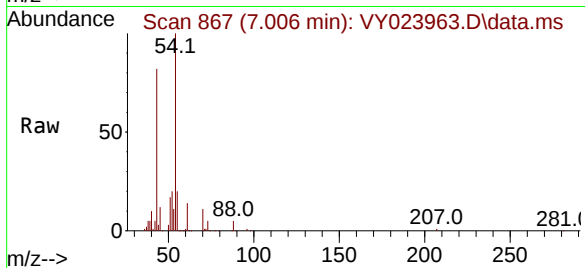
Tgt Ion: 43 Resp: 137538

Ion Ratio Lower Upper

43 100

61 14.5 11.9 17.9

70 11.8 9.2 13.8



#38

Carbon Tetrachloride

Concen: 52.798 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

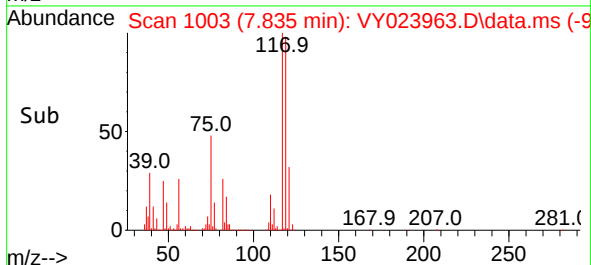
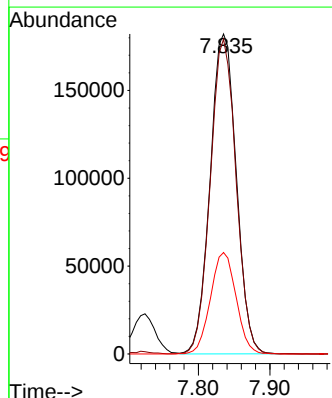
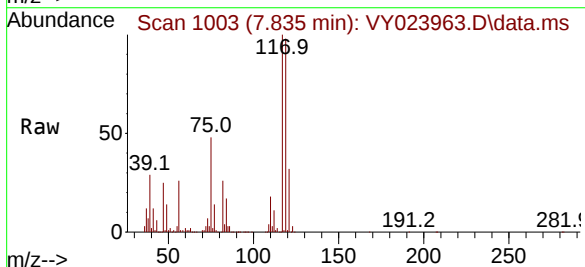
Tgt Ion: 117 Resp: 462872

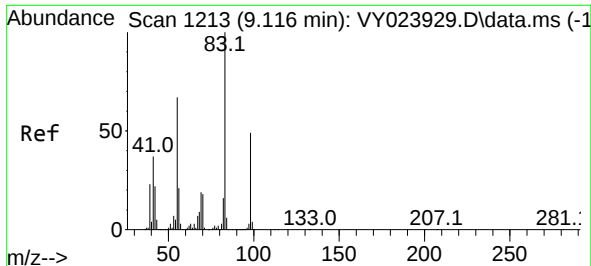
Ion Ratio Lower Upper

117 100

119 98.4 76.6 114.8

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 54.817 ug/l

RT: 9.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

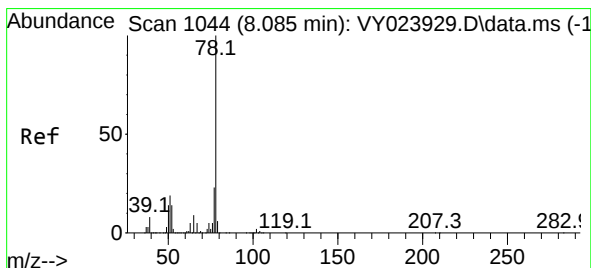
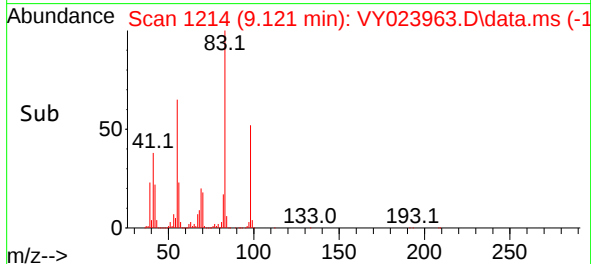
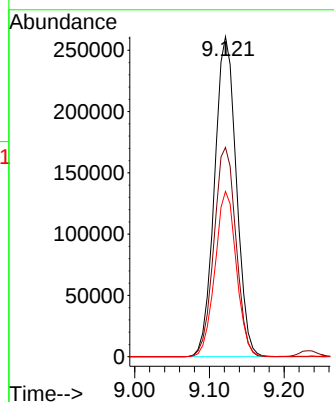
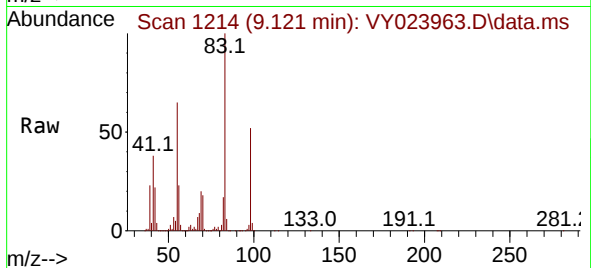
Tgt Ion: 83 Resp: 529708

Ion Ratio Lower Upper

83 100

55 65.4 53.4 80.0

98 51.7 39.2 58.8



#40

Benzene

Concen: 51.641 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY023963.D

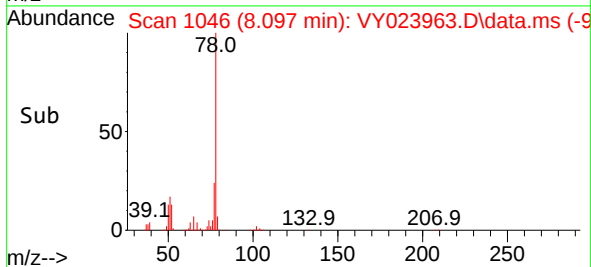
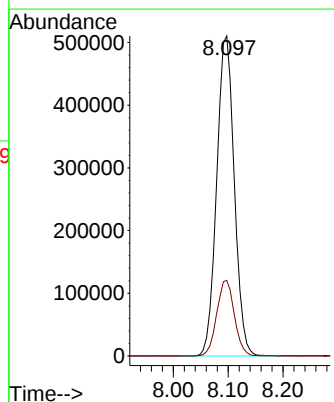
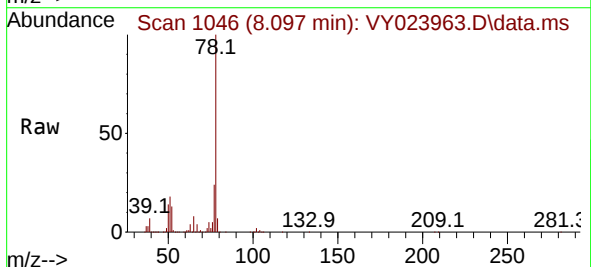
Acq: 15 Dec 2025 08:37

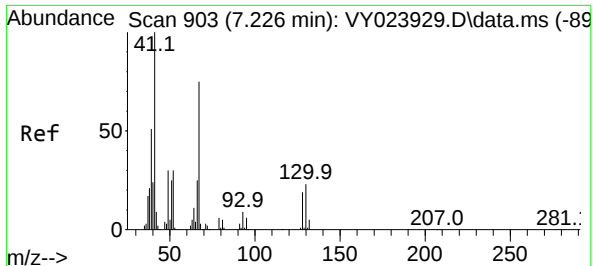
Tgt Ion: 78 Resp: 1137422

Ion Ratio Lower Upper

78 100

77 23.7 18.3 27.5



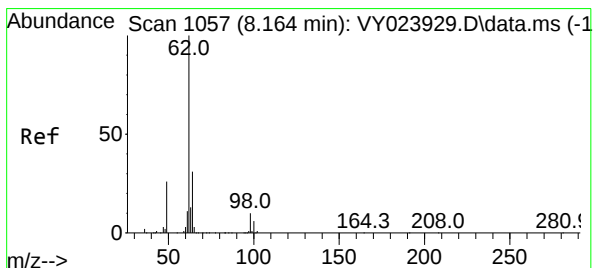
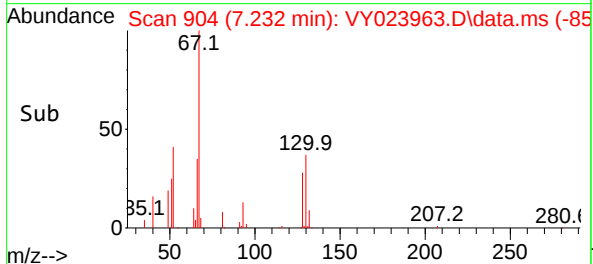
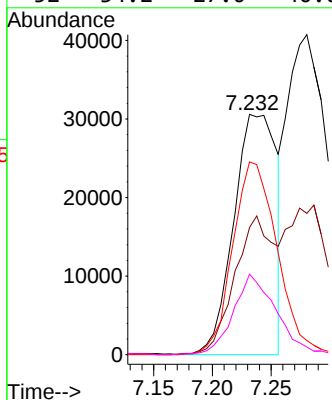
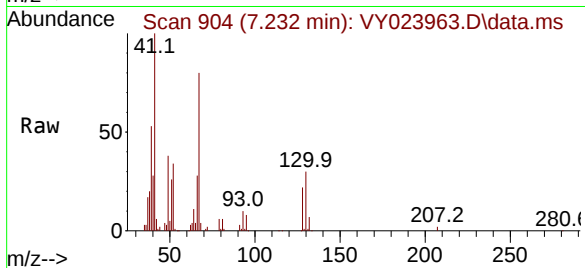


#41
Methacrylonitrile
Concen: 47.895 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 77602

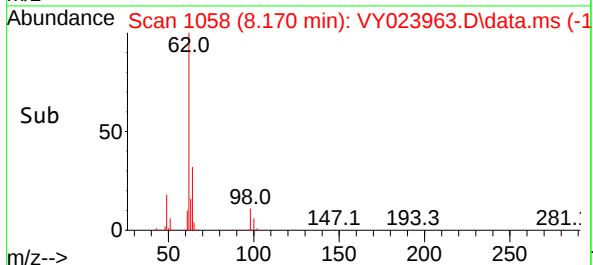
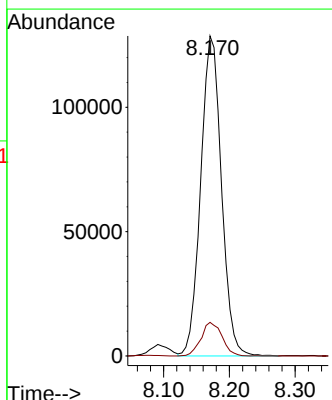
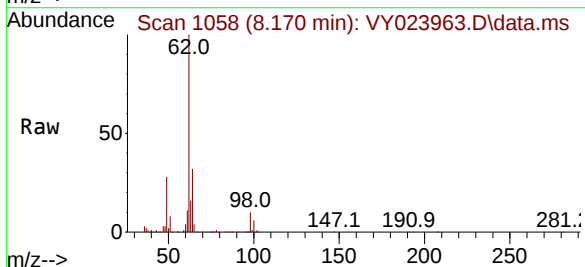
Ion	Ratio	Lower	Upper
41	100		
39	53.9	50.6	75.8
67	84.0	68.0	102.0
52	34.2	27.0	40.6

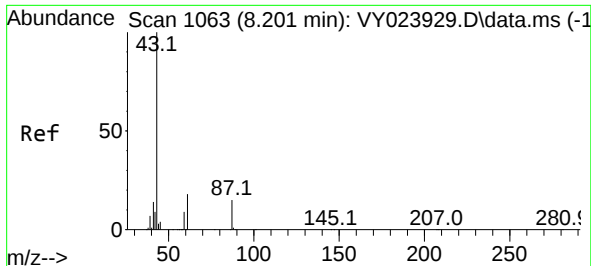


#42
1,2-Dichloroethane
Concen: 48.842 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 62 Resp: 282105

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8

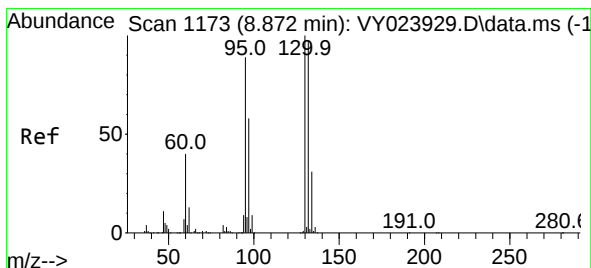
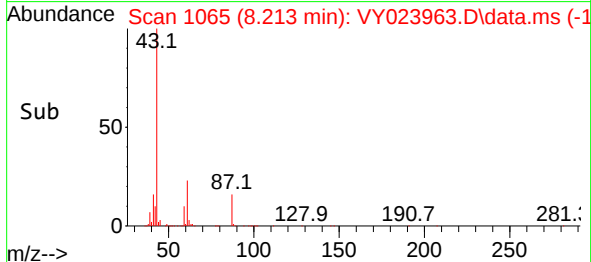
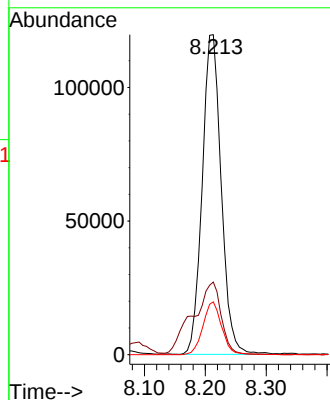
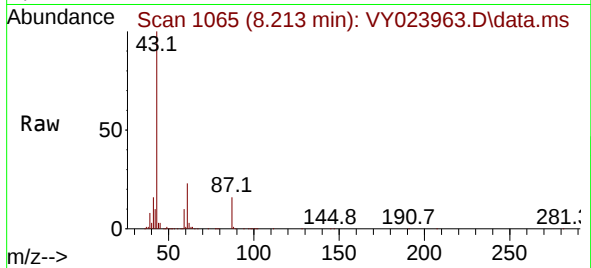




#43
Isopropyl Acetate
Concen: 46.786 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

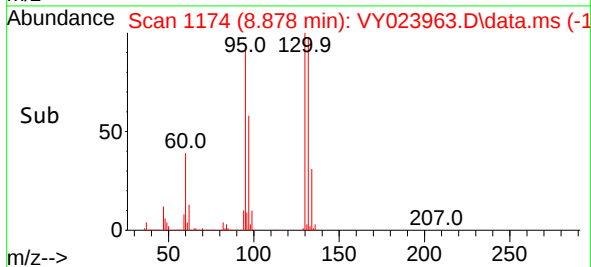
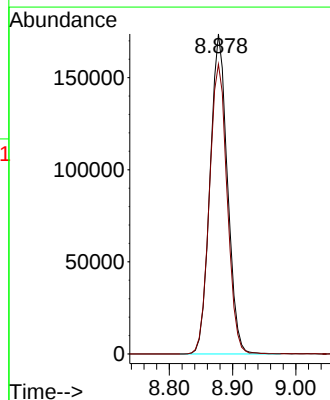
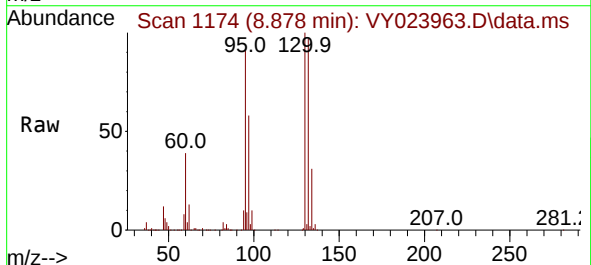
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

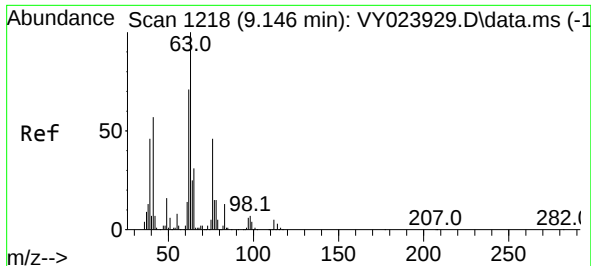
Tgt Ion: 43 Resp: 259524
Ion Ratio Lower Upper
43 100
61 33.8 17.4 26.2#
87 16.4 12.3 18.5



#44
Trichloroethene
Concen: 52.041 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion:130 Resp: 332358
Ion Ratio Lower Upper
130 100
95 90.5 0.0 178.8





#45

1,2-Dichloropropane

Concen: 50.330 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

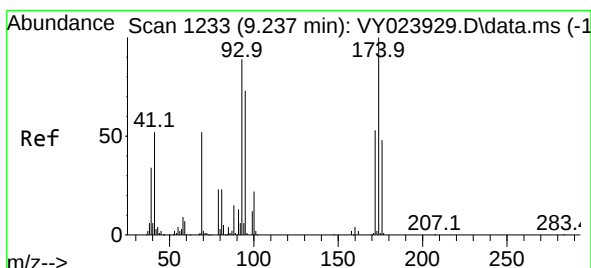
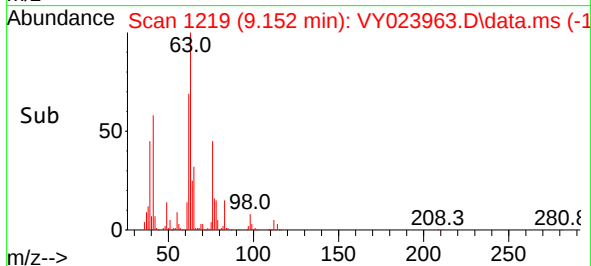
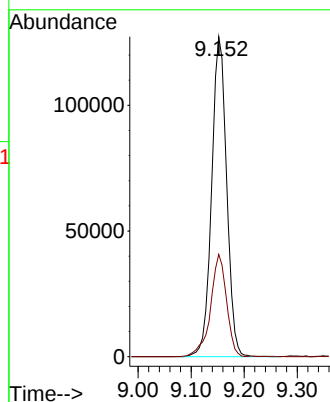
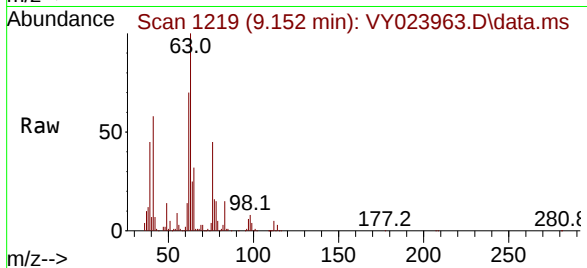
VSTDCCC050

Tgt Ion: 63 Resp: 250113

Ion Ratio Lower Upper

63 100

65 31.9 25.1 37.7



#46

Dibromomethane

Concen: 50.679 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

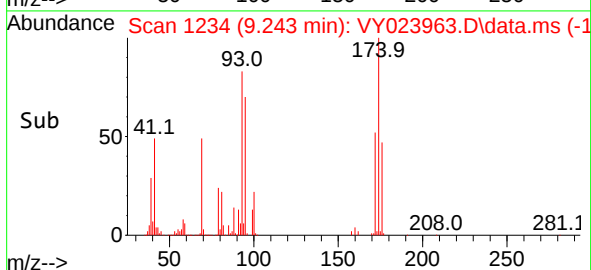
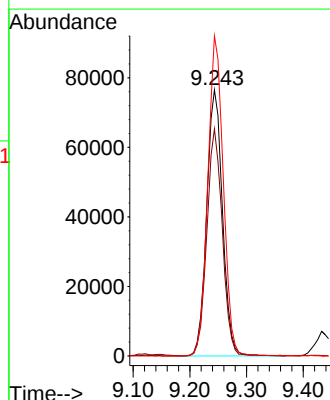
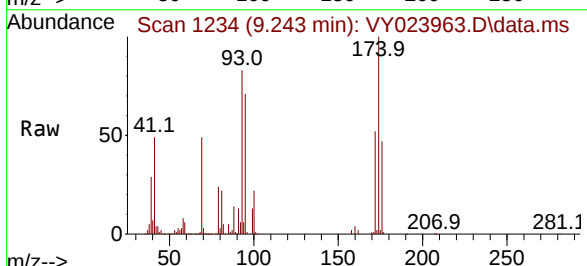
Tgt Ion: 93 Resp: 148333

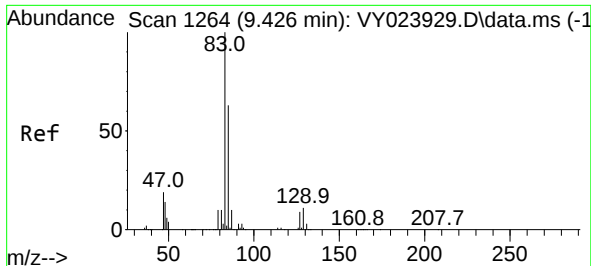
Ion Ratio Lower Upper

93 100

95 83.7 65.1 97.7

174 118.4 90.6 136.0

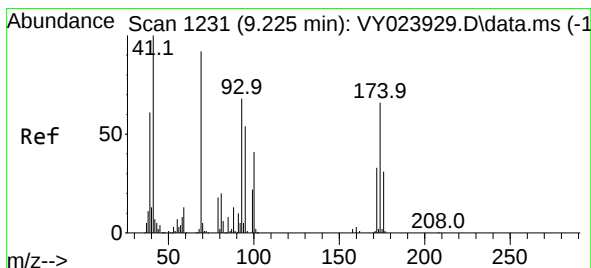
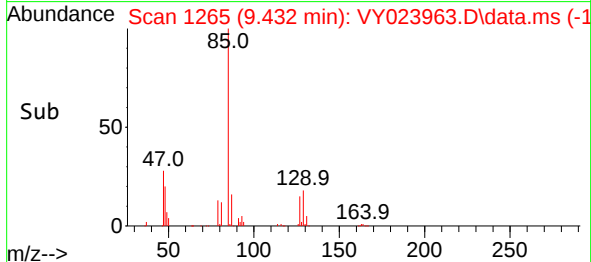
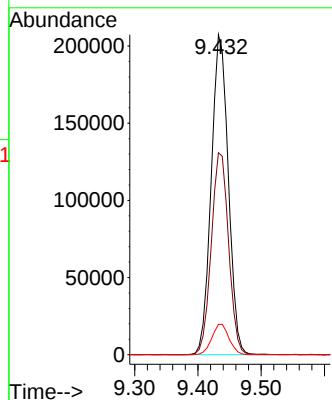
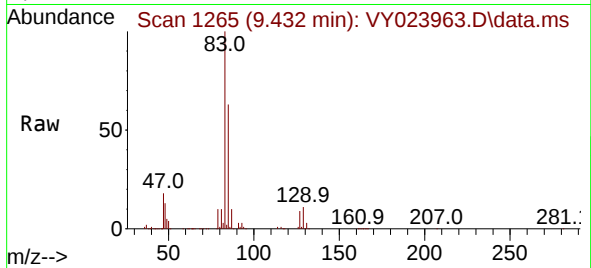




#47
Bromodichloromethane
Concen: 50.428 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

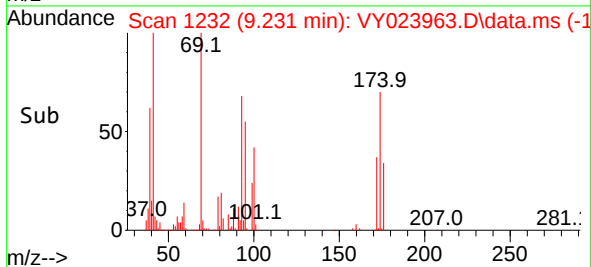
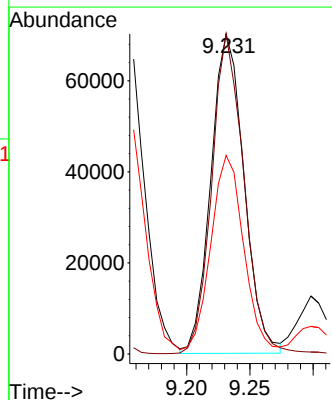
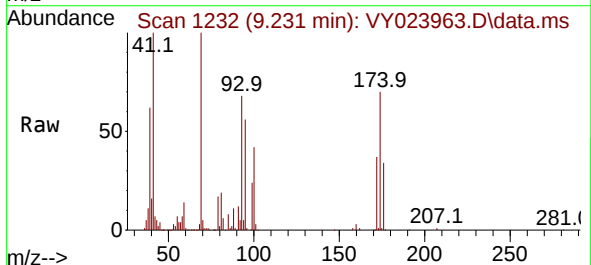
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

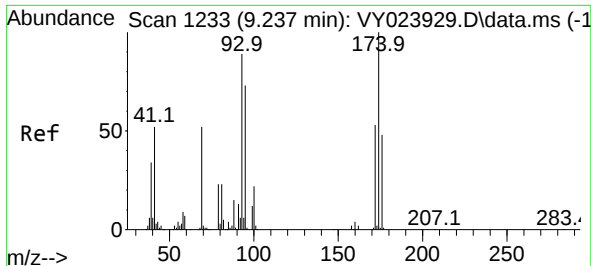
Tgt Ion: 83 Resp: 388286
Ion Ratio Lower Upper
83 100
85 63.1 50.7 76.1
127 9.4 7.0 10.4



#48
Methyl methacrylate
Concen: 49.505 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 41 Resp: 127835
Ion Ratio Lower Upper
41 100
69 97.1 74.7 112.1
39 59.6 47.4 71.2





#49

1,4-Dioxane

Concen: 952.059 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

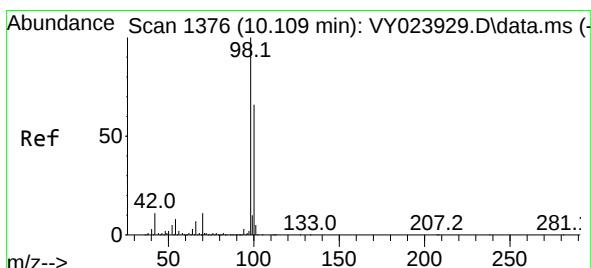
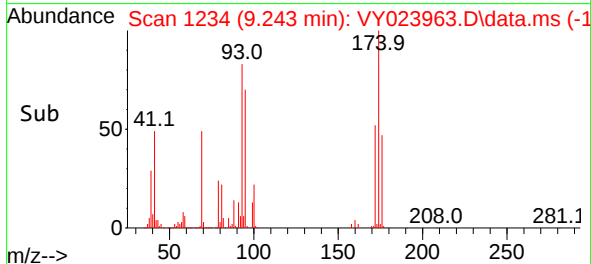
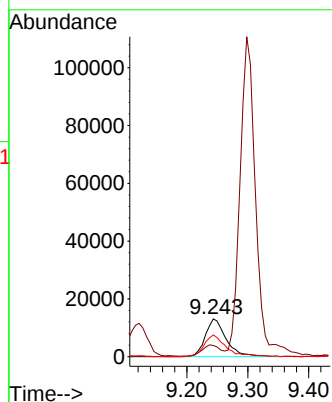
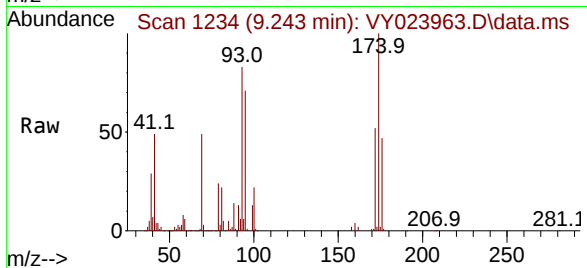
Tgt Ion: 88 Resp: 31066

Ion Ratio Lower Upper

88 100

43 26.2 22.3 33.5

58 61.1 52.3 78.5



#50

Toluene-d8

Concen: 52.771 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023963.D

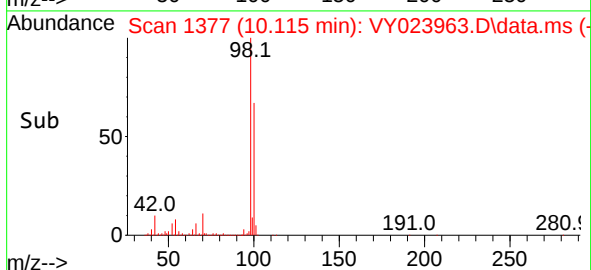
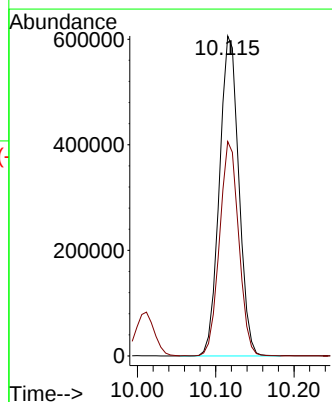
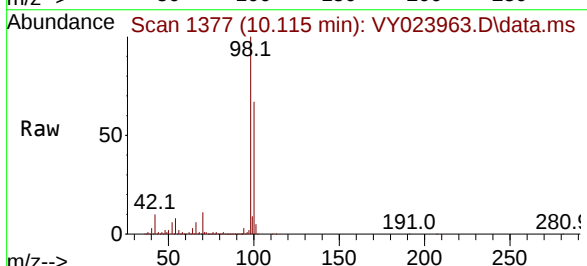
Acq: 15 Dec 2025 08:37

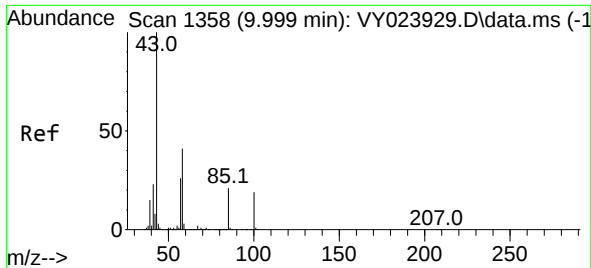
Tgt Ion: 98 Resp: 1043790

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2

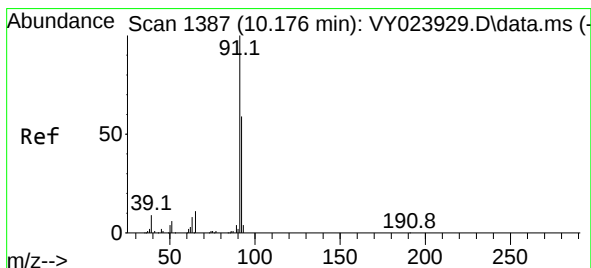
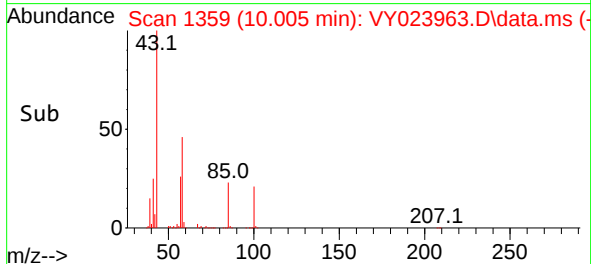
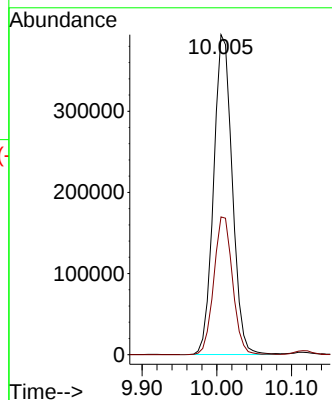
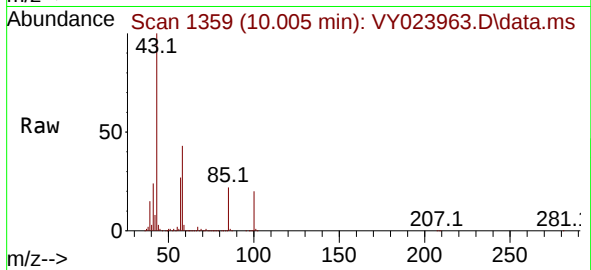




#51
4-Methyl-2-Pentanone
Concen: 232.222 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

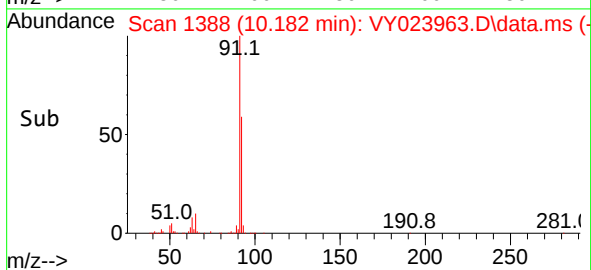
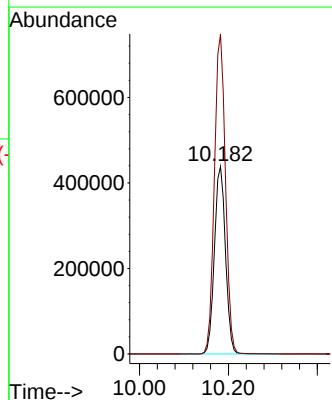
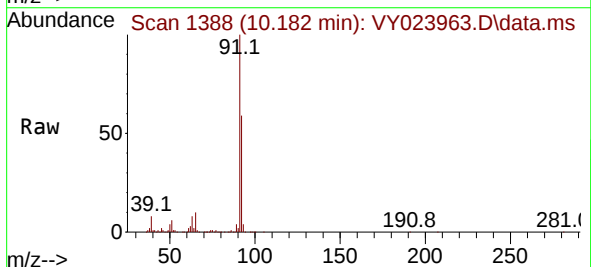
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

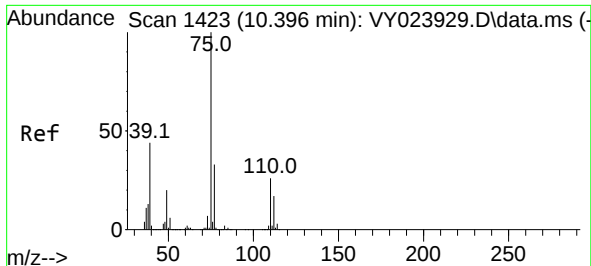
Tgt Ion: 43 Resp: 682499
Ion Ratio Lower Upper
43 100
58 43.5 33.1 49.7



#52
Toluene
Concen: 51.885 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 92 Resp: 756207
Ion Ratio Lower Upper
92 100
91 170.2 135.8 203.6

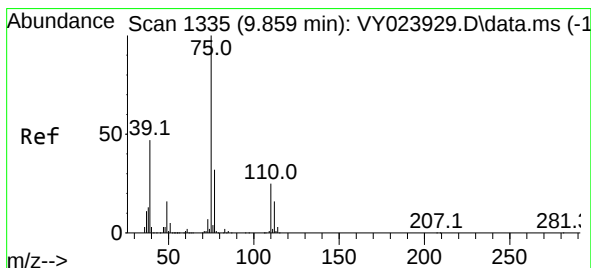
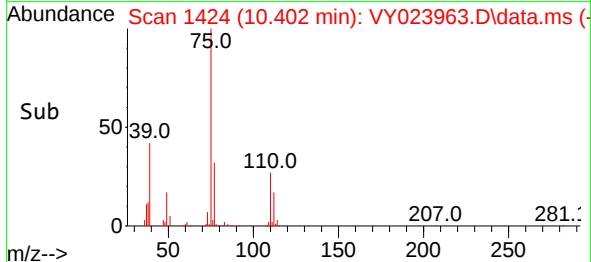
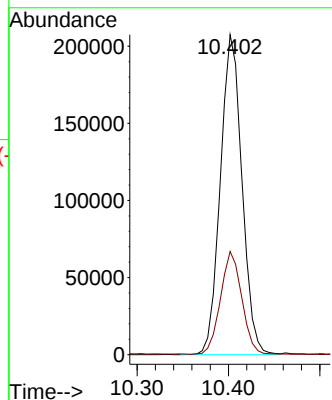
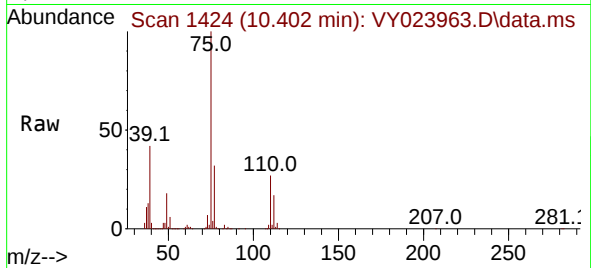




#53
t-1,3-Dichloropropene
Concen: 51.295 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

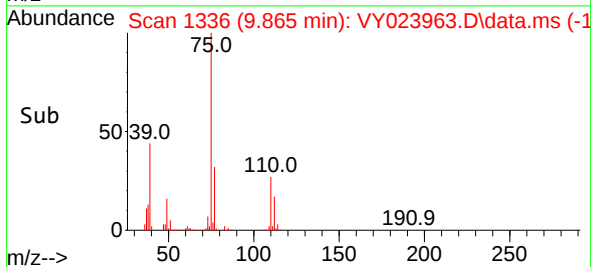
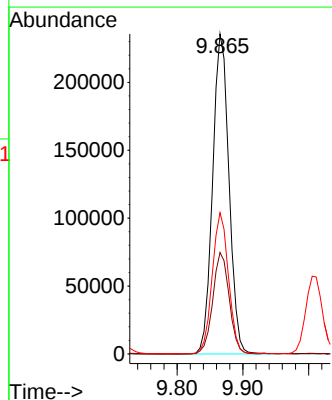
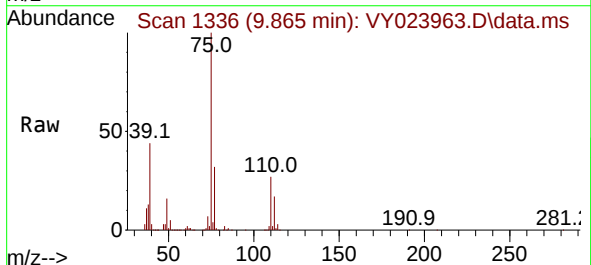
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

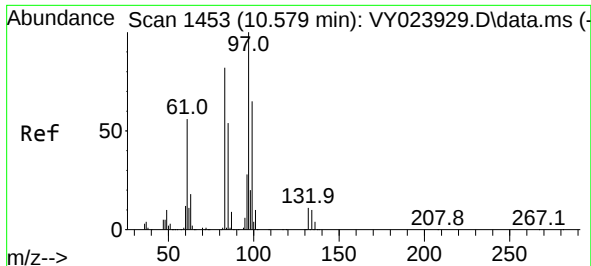
Tgt Ion: 75 Resp: 341315
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 52.015 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 75 Resp: 407842
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 44.1 37.6 56.4



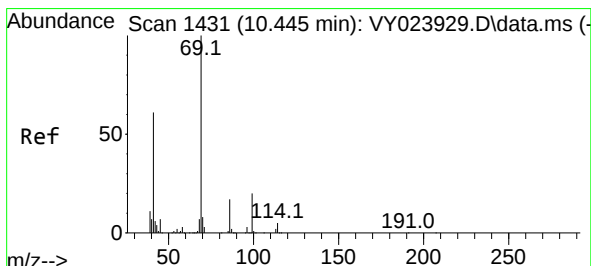
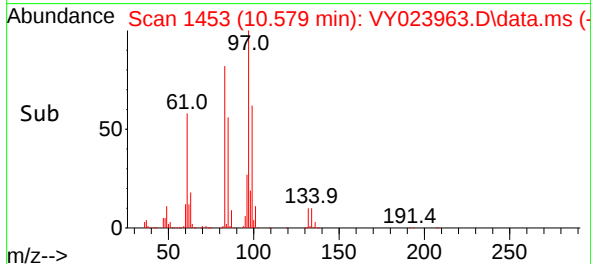
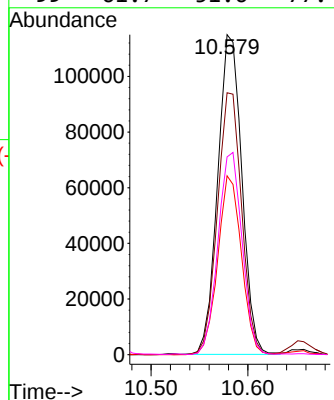
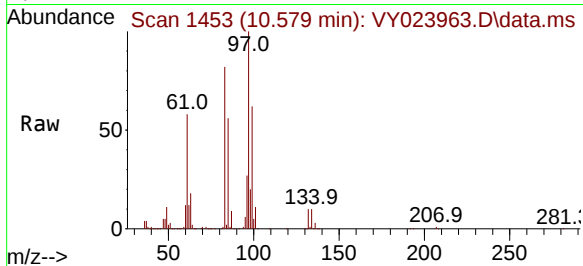


#55
1,1,2-Trichloroethane
Concen: 49.378 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 198919

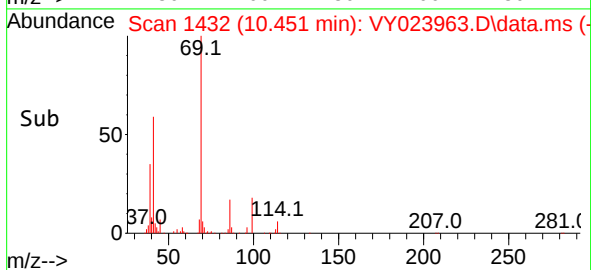
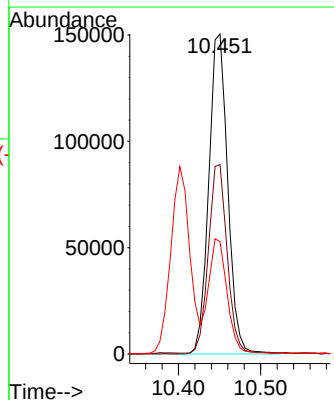
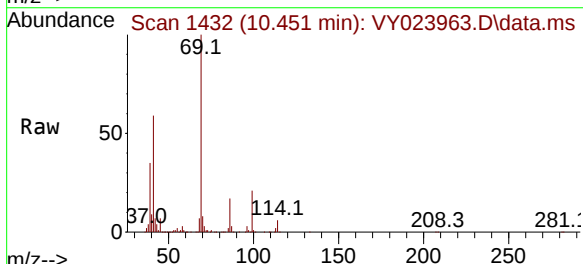
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.8	98.6
85	56.0	43.1	64.7
99	61.7	51.6	77.4

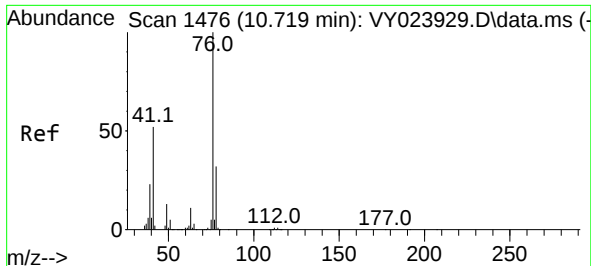


#56
Ethyl methacrylate
Concen: 50.619 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 69 Resp: 241747

Ion	Ratio	Lower	Upper
69	100		
41	58.2	49.0	73.4
39	35.0	29.1	43.7





#57

1,3-Dichloropropane

Concen: 49.449 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

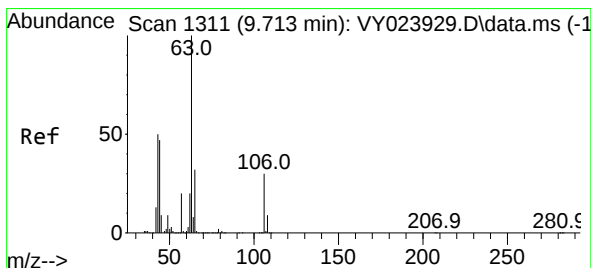
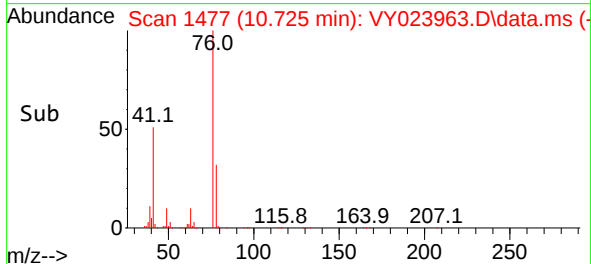
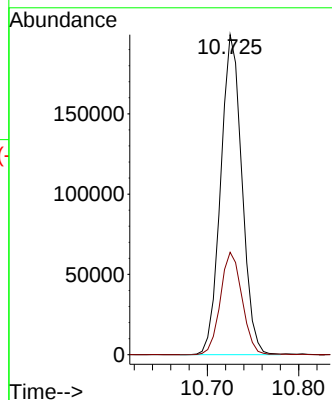
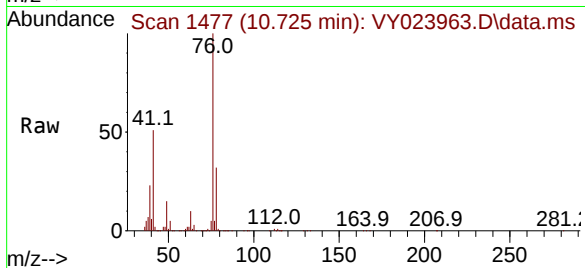
VSTDCCC050

Tgt Ion: 76 Resp: 322184

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 210.187 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023963.D

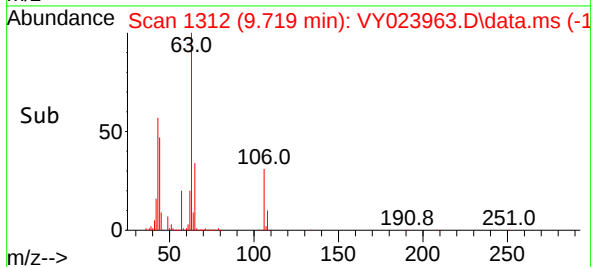
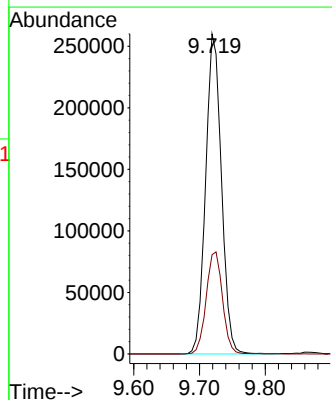
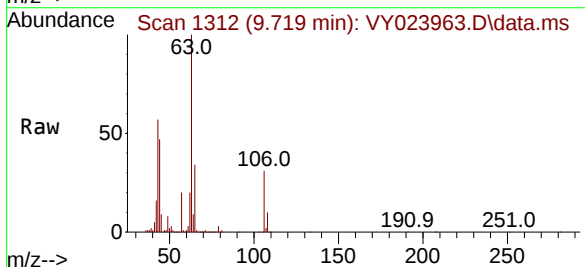
Acq: 15 Dec 2025 08:37

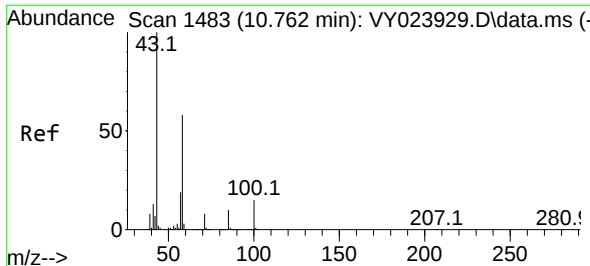
Tgt Ion: 63 Resp: 434810

Ion Ratio Lower Upper

63 100

106 32.9 25.2 37.8

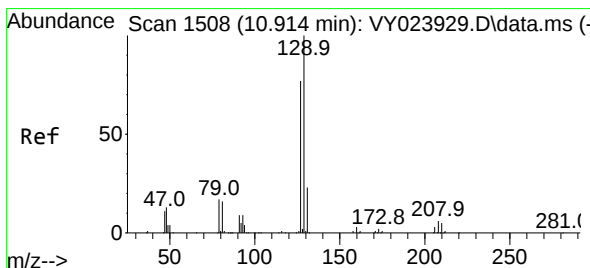
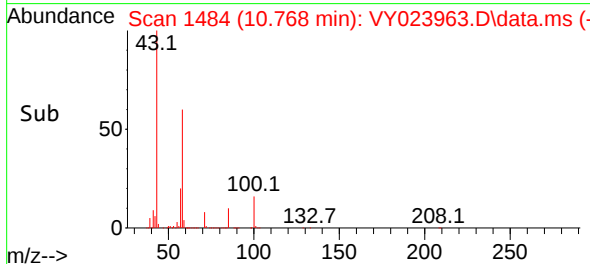
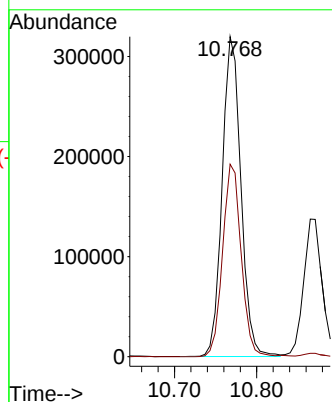
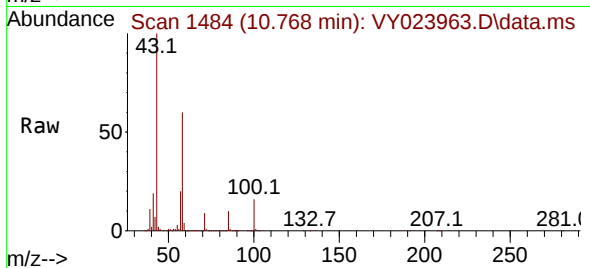




#59
2-Hexanone
Concen: 227.387 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

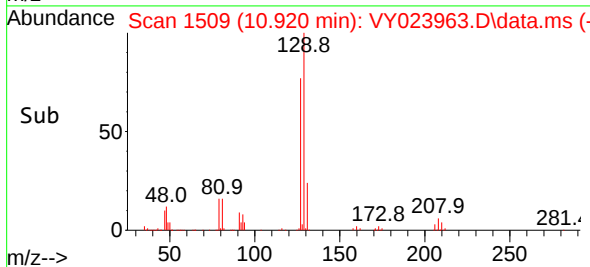
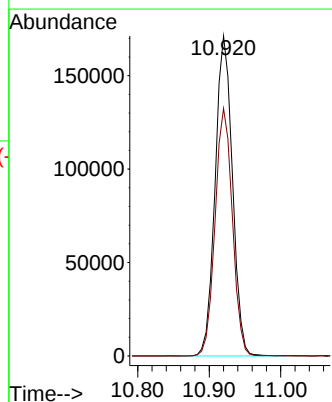
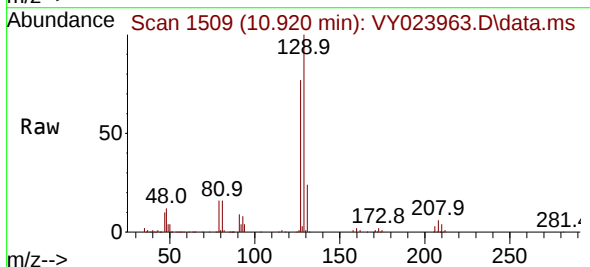
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

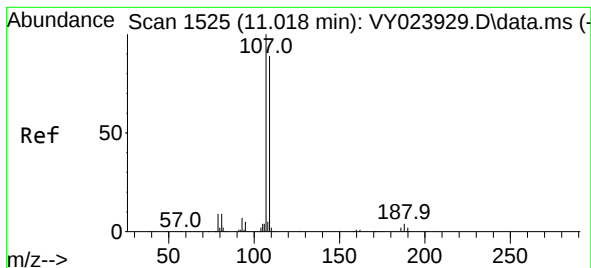
Tgt Ion: 43 Resp: 507202
Ion Ratio Lower Upper
43 100
58 59.9 29.0 87.0



#60
Dibromochloromethane
Concen: 51.523 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 129 Resp: 287371
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.096 ug/l

RT: 11.024 min Scan# 1526

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

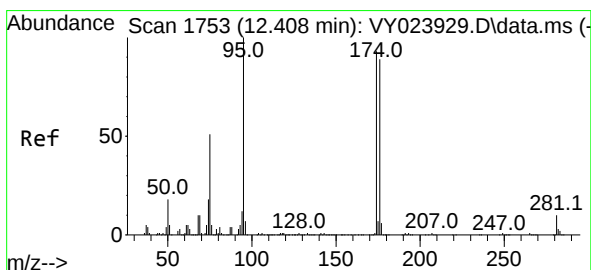
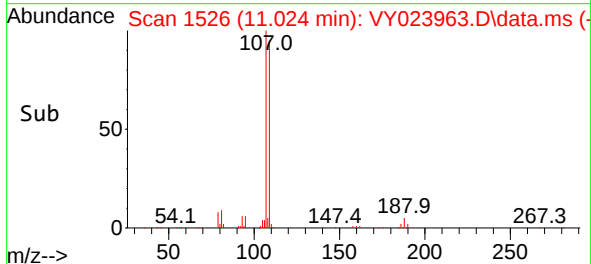
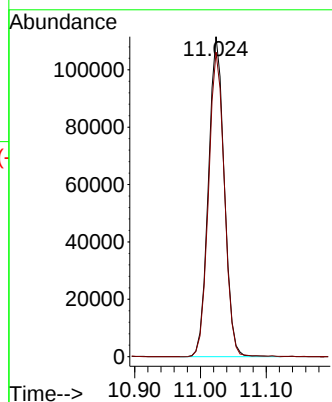
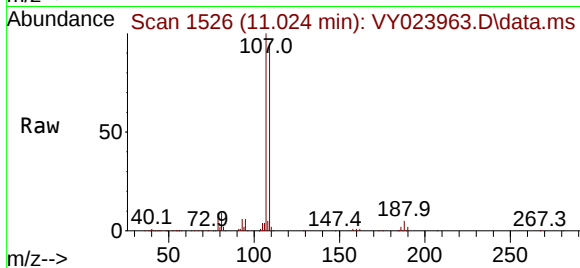
VSTDCCC050

Tgt Ion:107 Resp: 187011

Ion Ratio Lower Upper

107 100

109 95.4 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 50.892 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

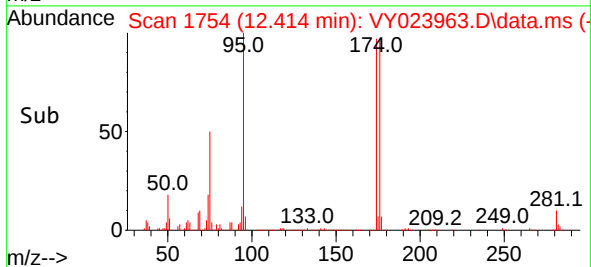
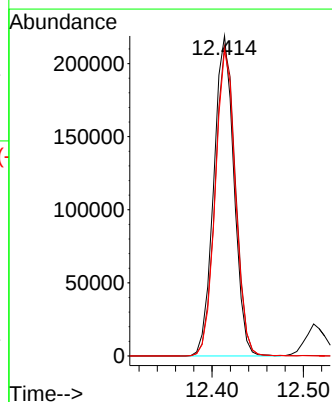
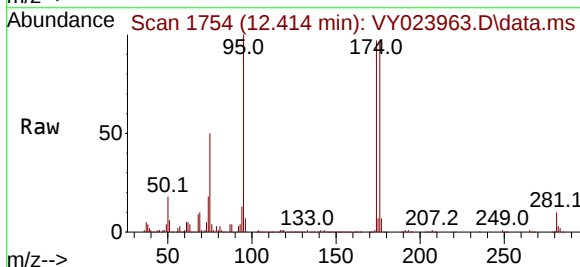
Tgt Ion: 95 Resp: 336171

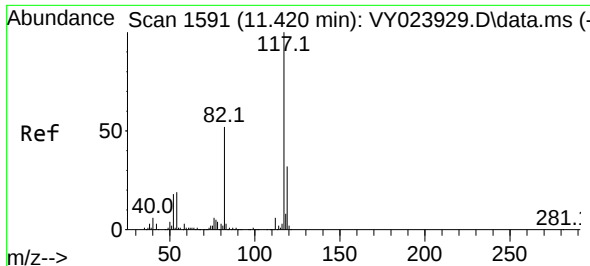
Ion Ratio Lower Upper

95 100

174 97.8 0.0 187.4

176 94.8 0.0 179.6

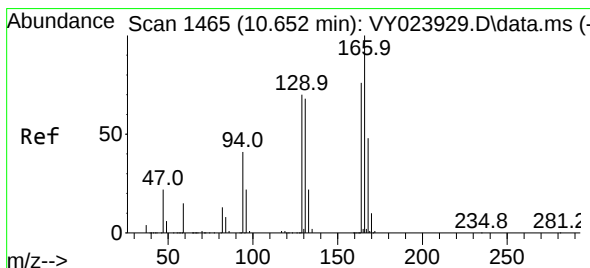
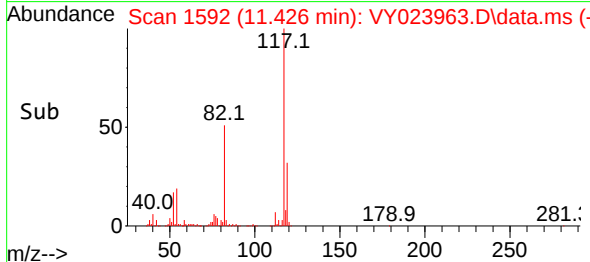
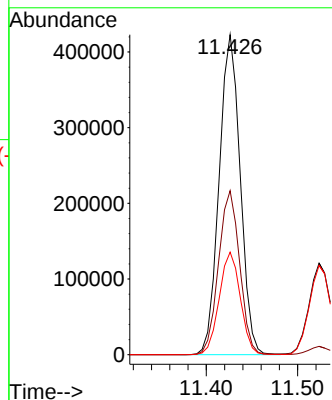
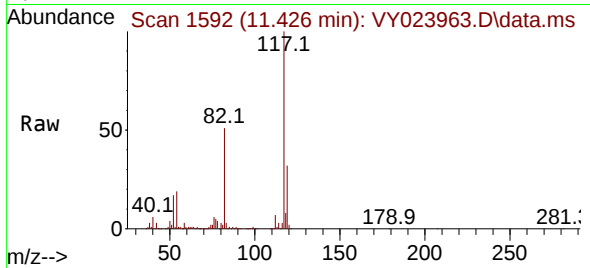




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

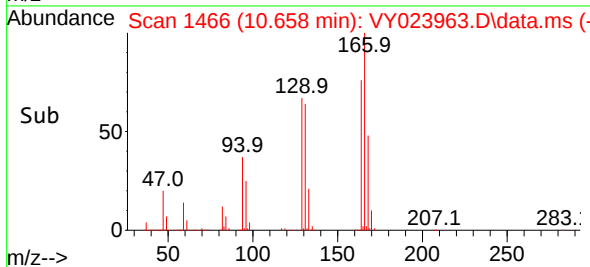
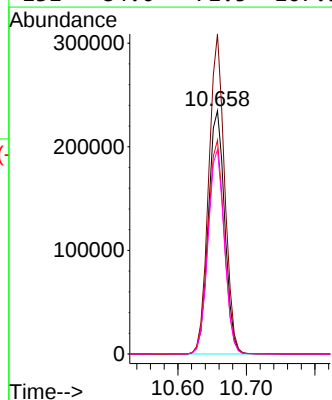
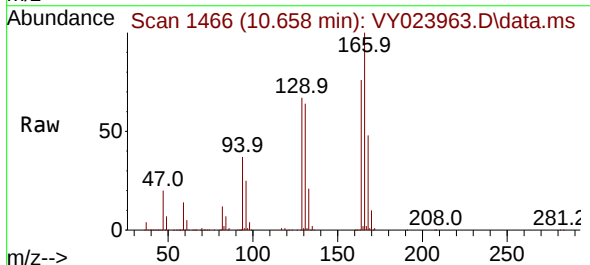
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

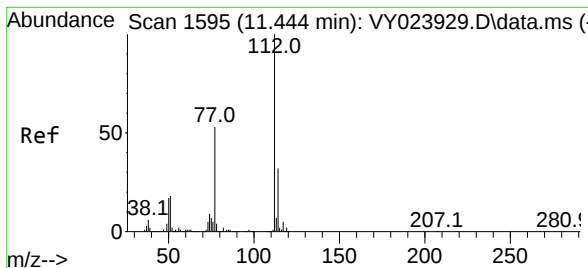
Tgt Ion:117 Resp: 678707
Ion Ratio Lower Upper
117 100
82 51.3 41.4 62.2
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 53.360 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion:164 Resp: 389063
Ion Ratio Lower Upper
164 100
166 131.6 105.0 157.4
129 87.9 73.0 109.4
131 84.0 71.5 107.3

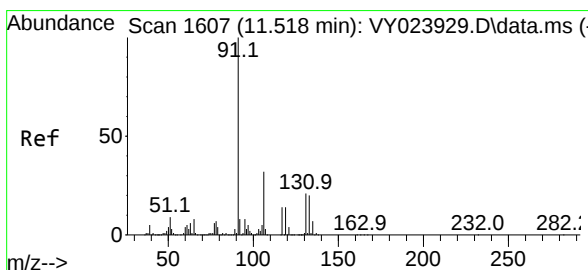
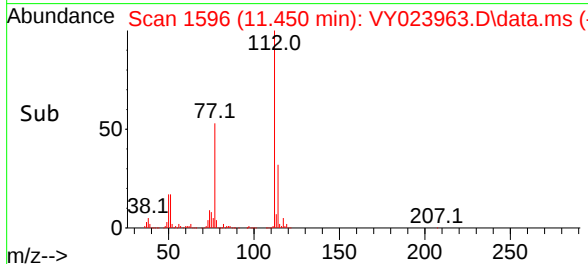
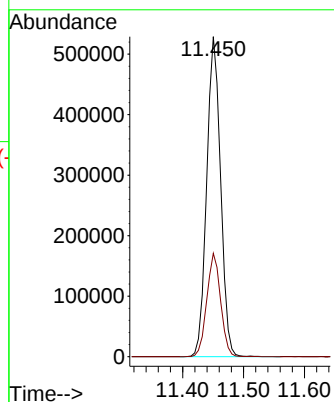
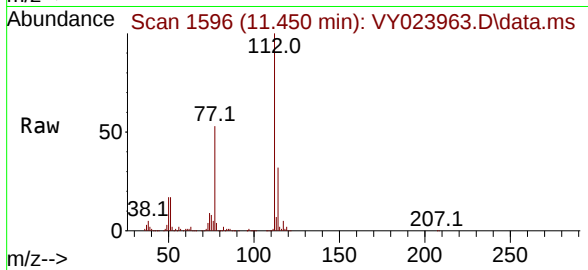




#65
Chlorobenzene
Concen: 53.229 ug/l
RT: 11.450 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

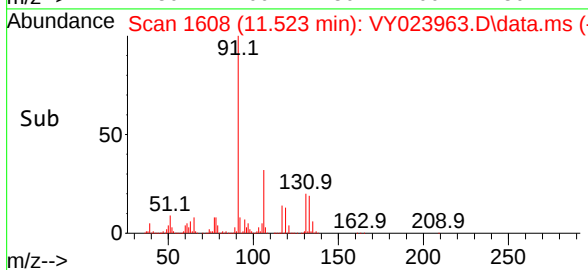
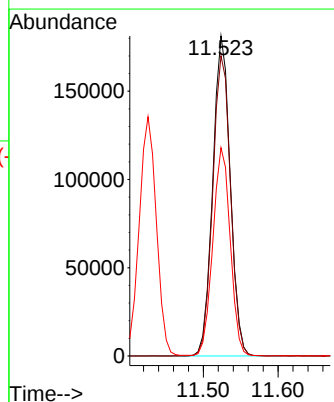
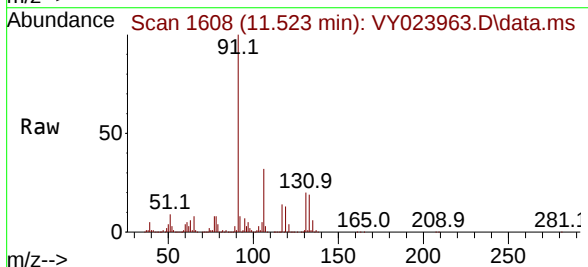
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

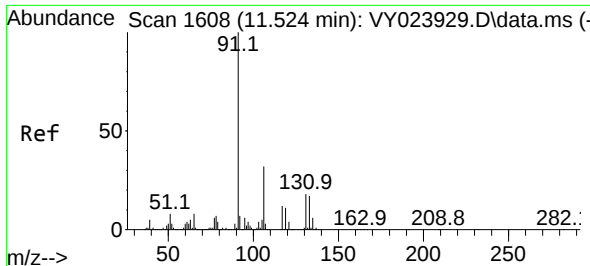
Tgt Ion:112 Resp: 837122
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.421 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion:131 Resp: 294646
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.3
119 64.8 33.1 99.2





#67

Ethyl Benzene

Concen: 54.712 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

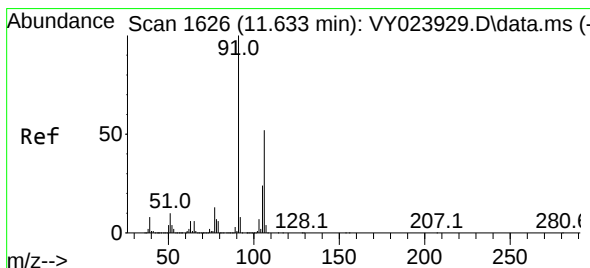
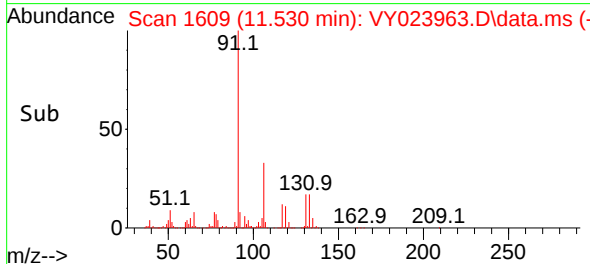
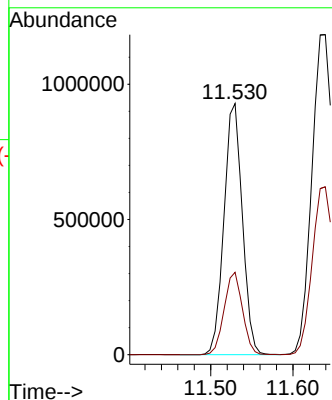
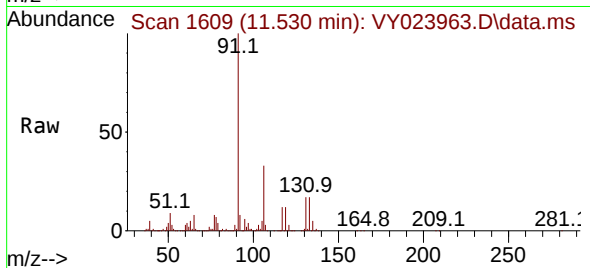
VSTDCCC050

Tgt Ion: 91 Resp: 1441684

Ion Ratio Lower Upper

91 100

106 32.8 25.8 38.8



#68

m/p-Xylenes

Concen: 108.738 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY023963.D

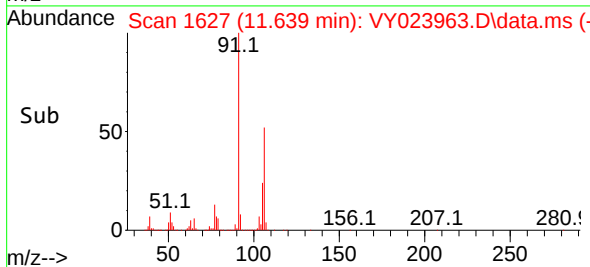
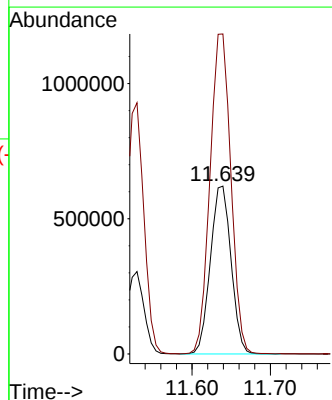
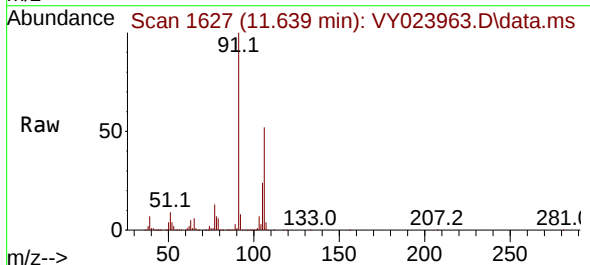
Acq: 15 Dec 2025 08:37

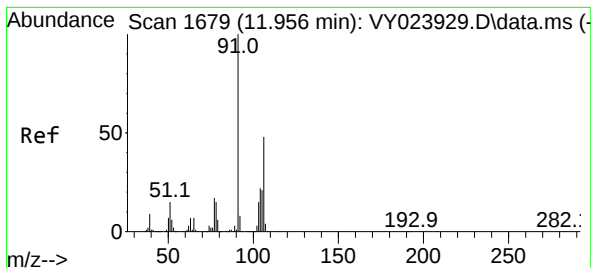
Tgt Ion:106 Resp: 1137435

Ion Ratio Lower Upper

106 100

91 192.6 155.0 232.6





#69

o-Xylene

Concen: 54.716 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

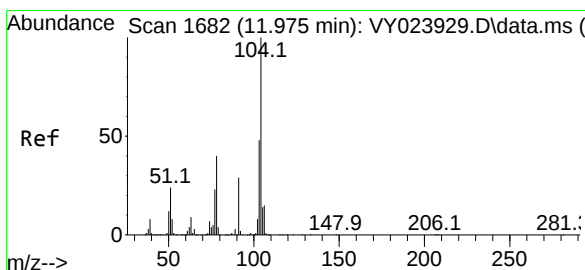
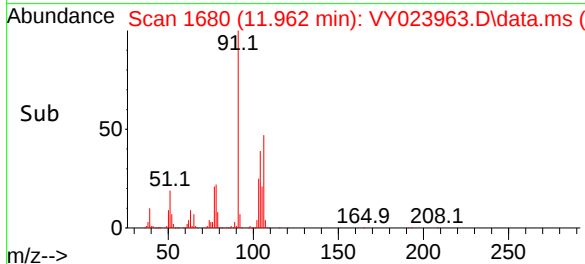
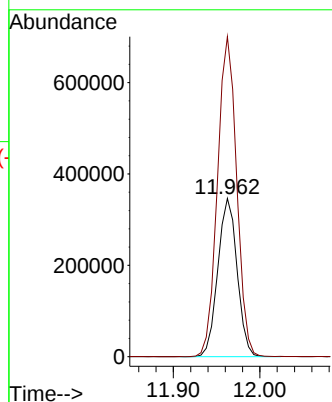
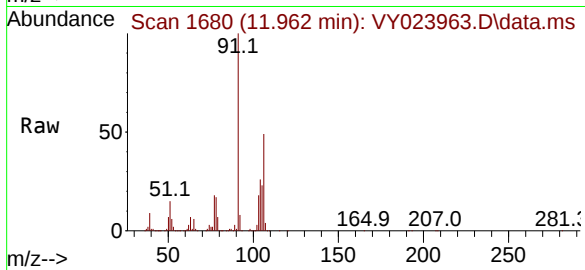
VSTDCCC050

Tgt Ion:106 Resp: 535411

Ion Ratio Lower Upper

106 100

91 201.9 102.1 306.1



#70

Styrene

Concen: 54.501 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

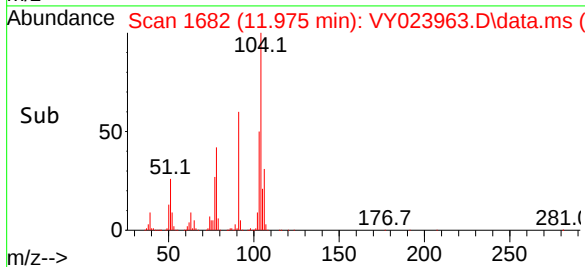
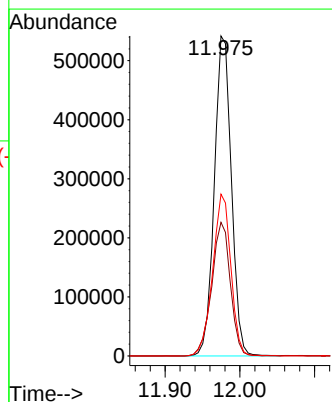
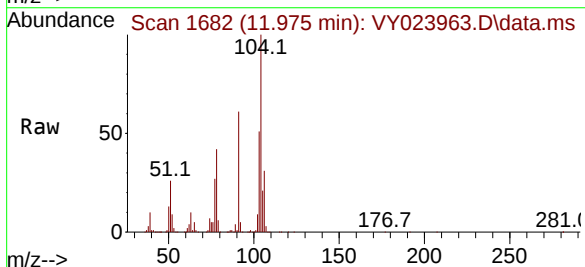
Tgt Ion:104 Resp: 861554

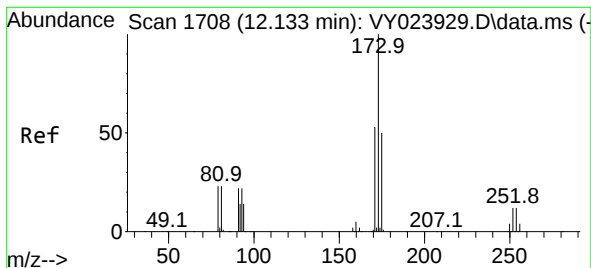
Ion Ratio Lower Upper

104 100

78 45.8 37.4 56.0

103 54.0 43.0 64.4





#71

Bromoform

Concen: 52.608 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

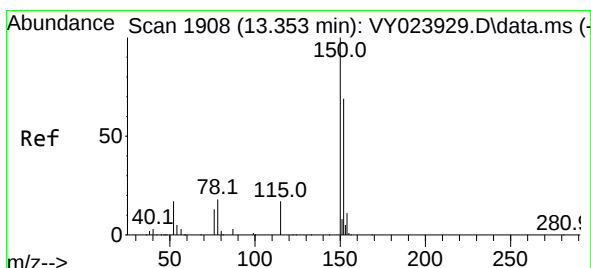
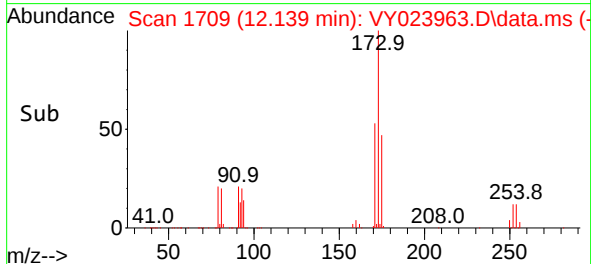
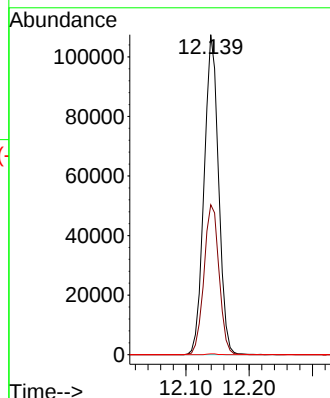
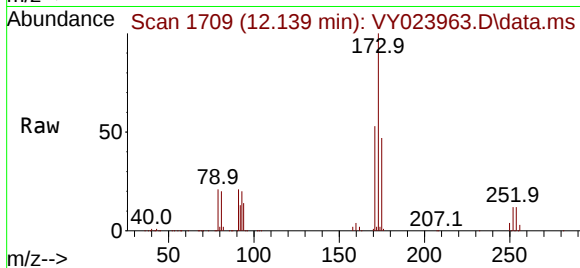
Tgt Ion:173 Resp: 171001

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.6

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

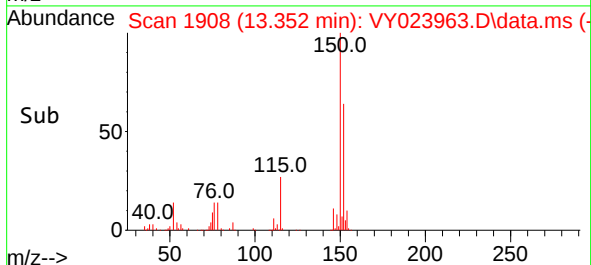
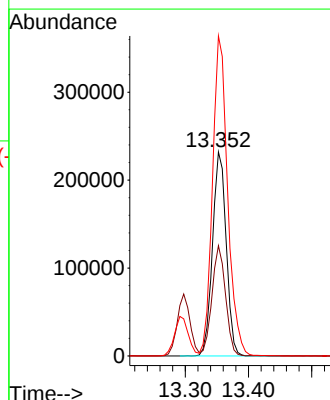
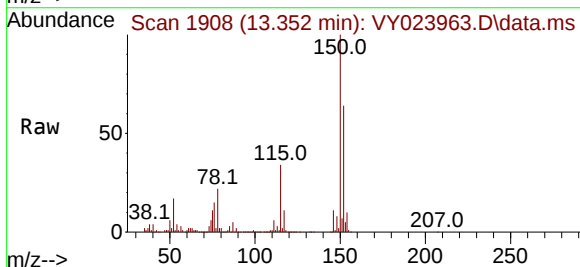
Tgt Ion:152 Resp: 350278

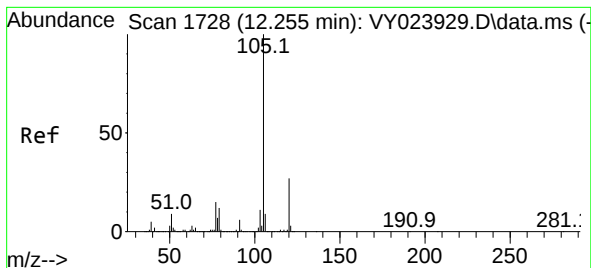
Ion Ratio Lower Upper

152 100

115 53.7 27.3 81.9

150 172.8 0.0 347.6





#73

Isopropylbenzene

Concen: 55.516 ug/l

RT: 12.261 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

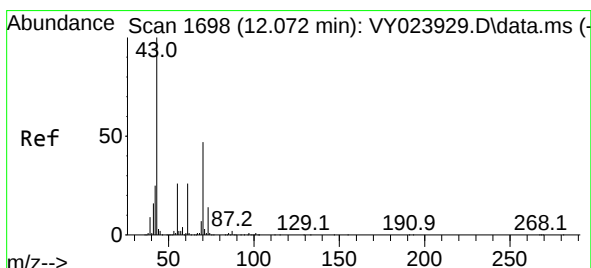
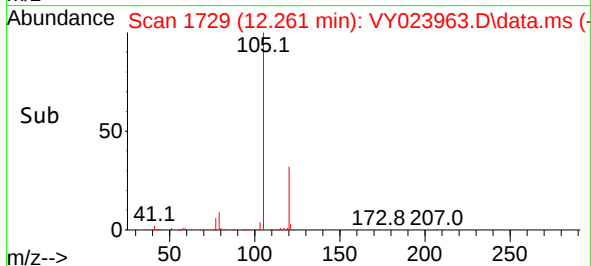
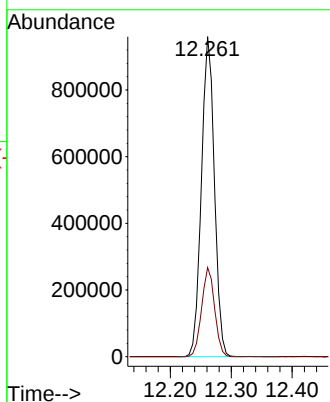
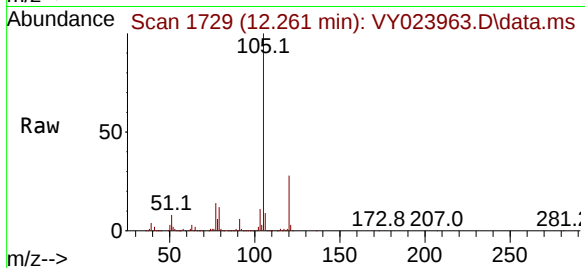
VSTDCCC050

Tgt Ion:105 Resp: 1421146

Ion Ratio Lower Upper

105 100

120 27.8 13.7 41.0



#74

N-ethyl acetate

Concen: 49.167 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Tgt Ion: 43 Resp: 223251

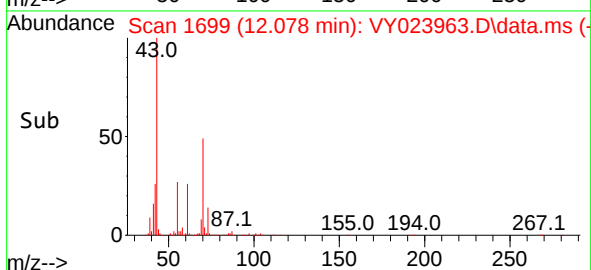
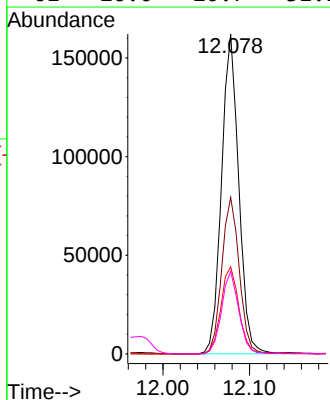
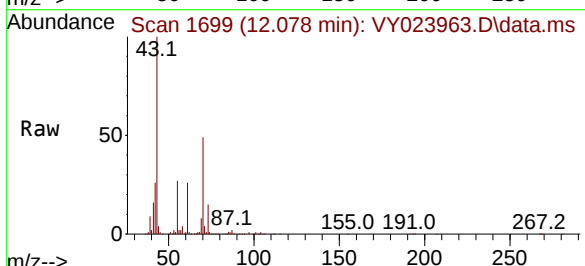
Ion Ratio Lower Upper

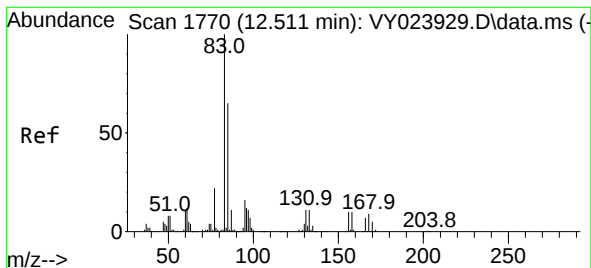
43 100

70 49.9 37.4 56.0

55 29.0 21.6 32.4

61 26.0 20.7 31.1

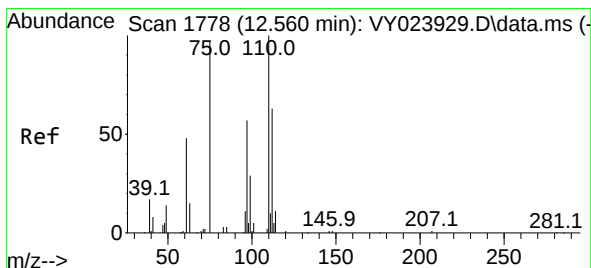
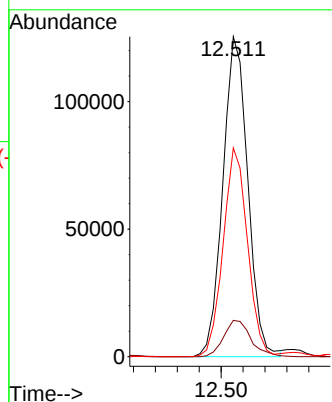
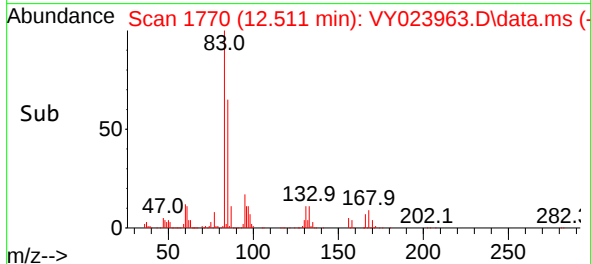
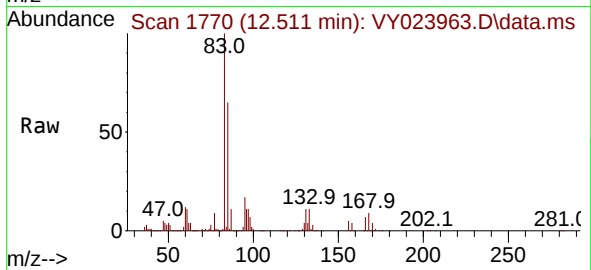




#75
1,1,2,2-Tetrachloroethane
Concen: 50.855 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

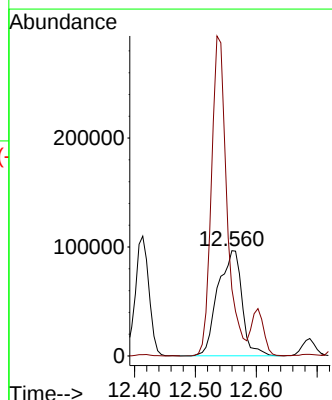
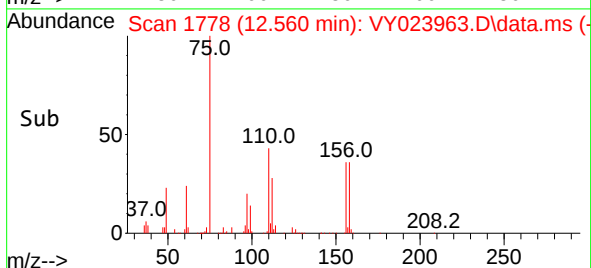
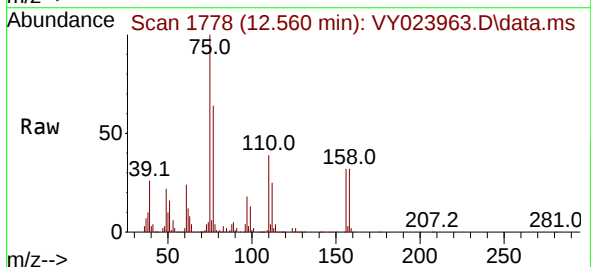
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

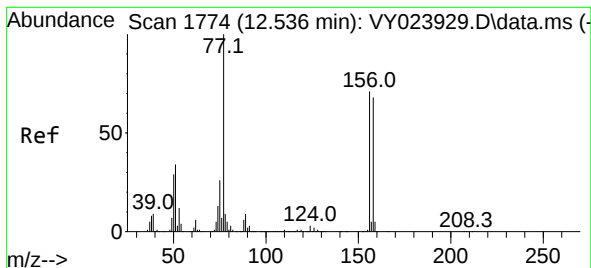
Tgt Ion: 83 Resp: 198224
Ion Ratio Lower Upper
83 100
131 12.4 5.6 16.8
85 63.9 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 89.542 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 75 Resp: 265312
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.093 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

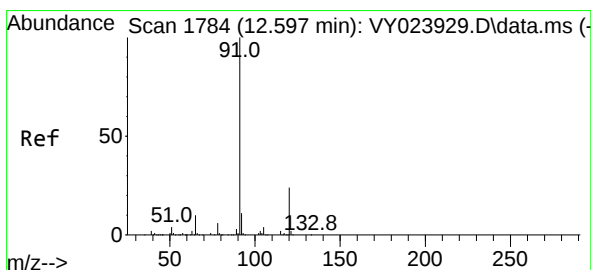
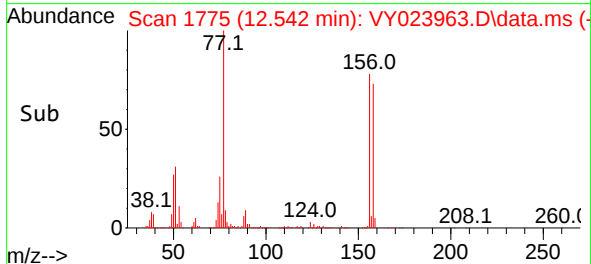
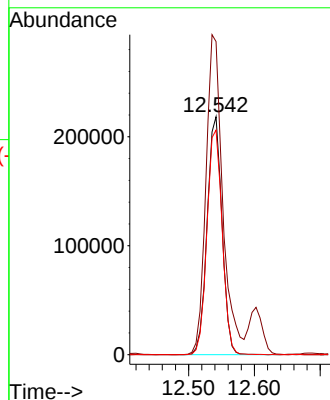
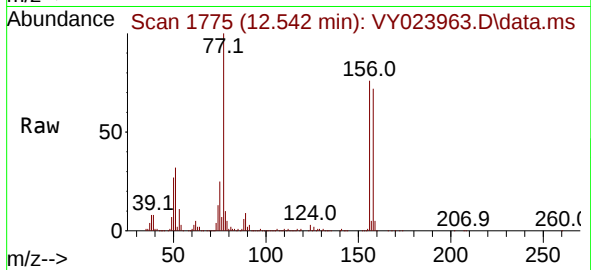
Tgt Ion:156 Resp: 343587

Ion Ratio Lower Upper

156 100

77 152.1 79.8 239.4

158 96.8 48.0 144.2



#78

n-propylbenzene

Concen: 54.531 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY023963.D

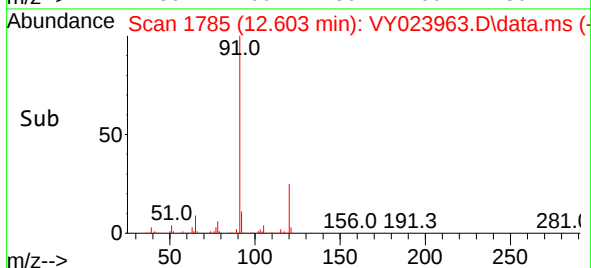
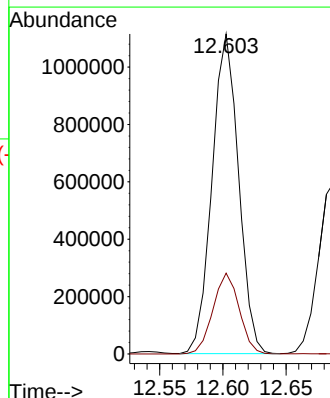
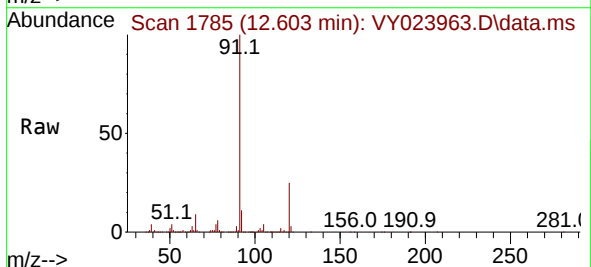
Acq: 15 Dec 2025 08:37

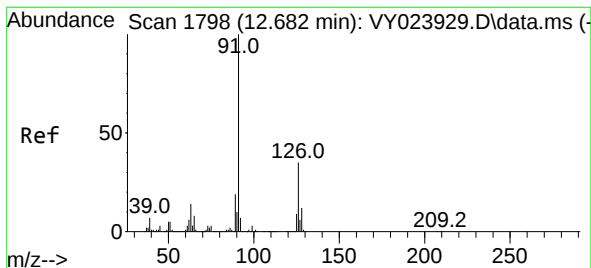
Tgt Ion: 91 Resp: 1624135

Ion Ratio Lower Upper

91 100

120 25.0 12.0 36.0

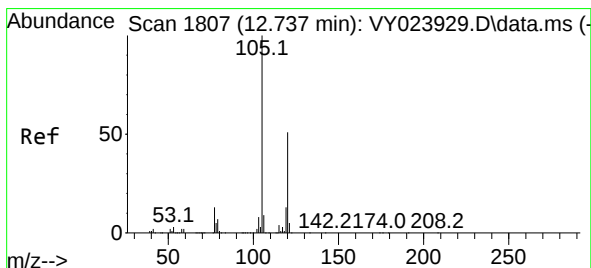
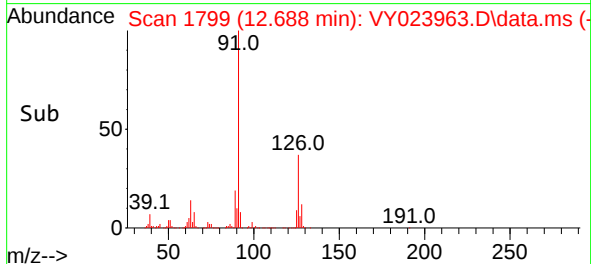
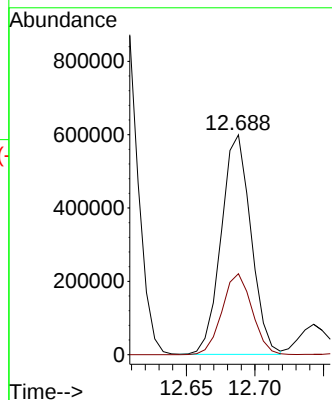
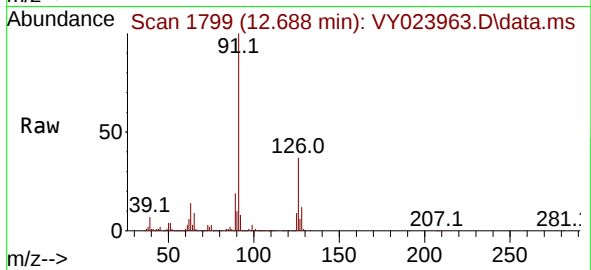




#79
2-Chlorotoluene
Concen: 53.465 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

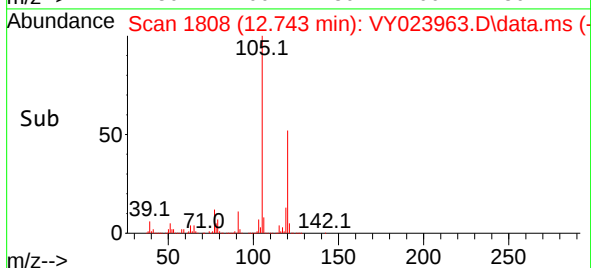
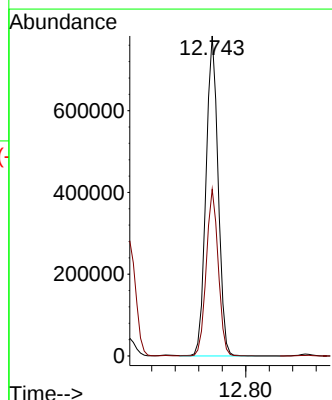
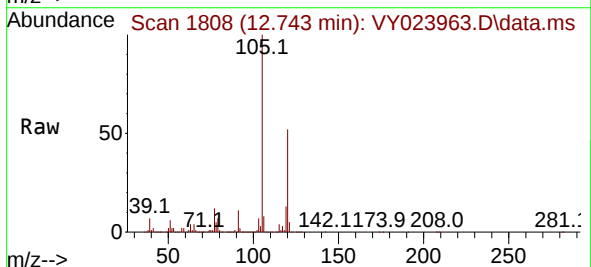
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

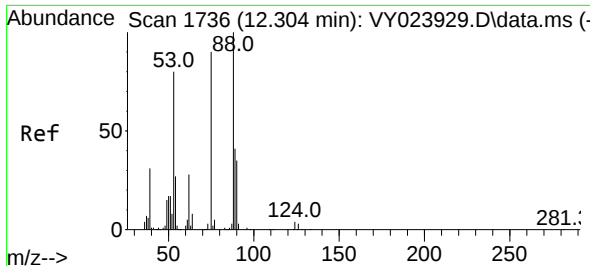
Tgt Ion: 91 Resp: 904532
Ion Ratio Lower Upper
91 100
126 37.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 55.089 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 105 Resp: 1125047
Ion Ratio Lower Upper
105 100
120 51.2 25.7 77.1

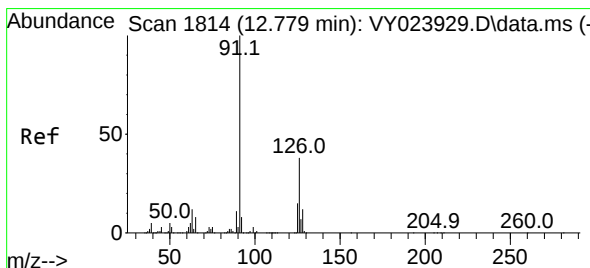
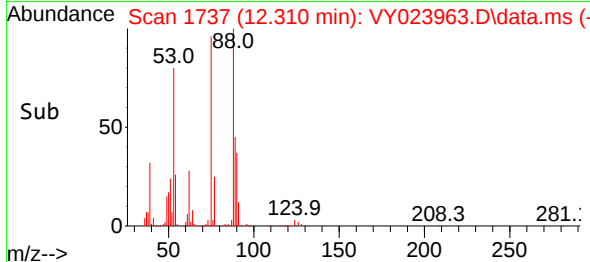
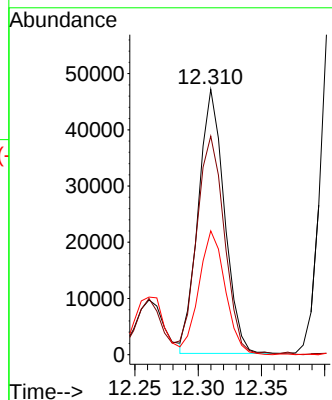
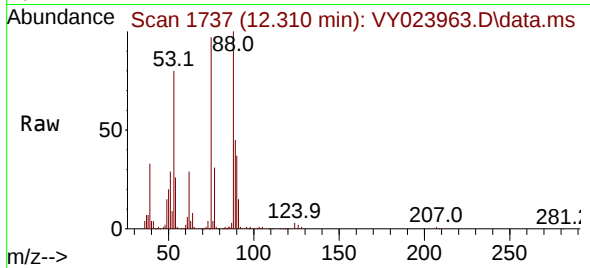




#81
trans-1,4-Dichloro-2-butene
Concen: 51.821 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

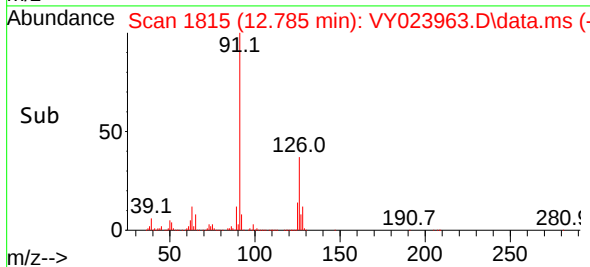
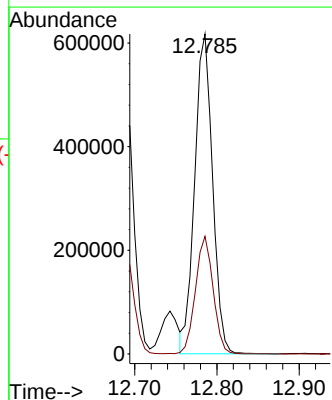
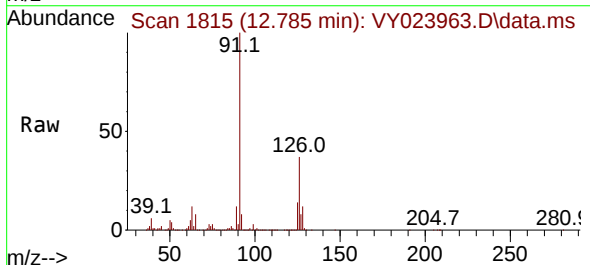
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

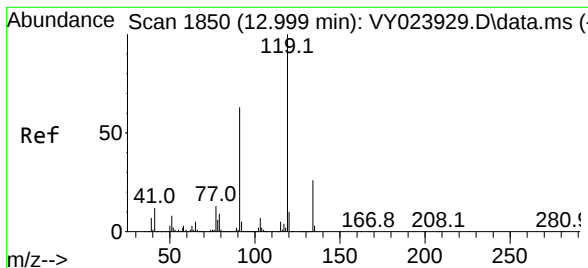
Tgt Ion: 75 Resp: 67455
Ion Ratio Lower Upper
75 100
53 89.2 73.4 110.0
89 47.5 38.9 58.3



#82
4-Chlorotoluene
Concen: 53.429 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 91 Resp: 930549
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.1





#83

tert-Butylbenzene

Concen: 56.028 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

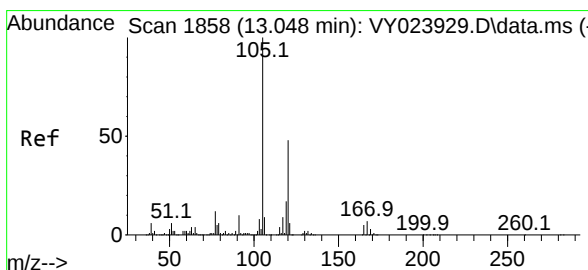
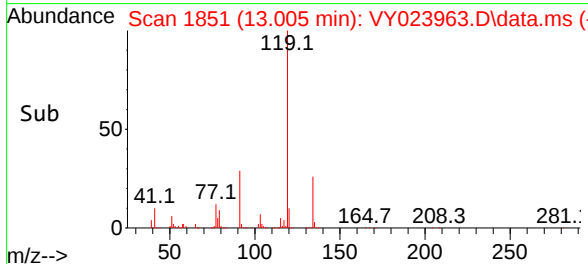
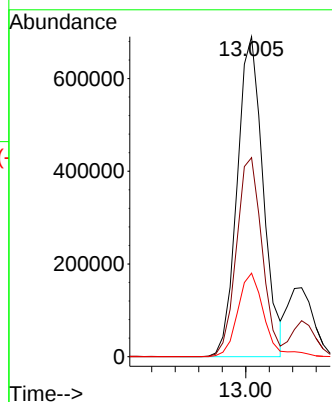
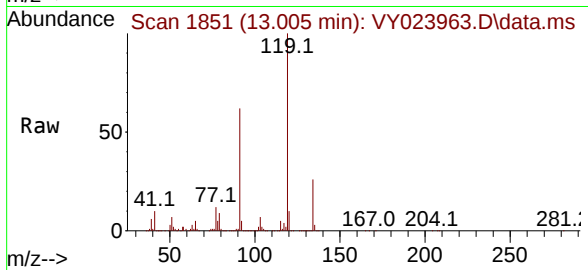
Tgt Ion:119 Resp: 1057207

Ion Ratio Lower Upper

119 100

91 61.4 31.6 94.7

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.097 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY023963.D

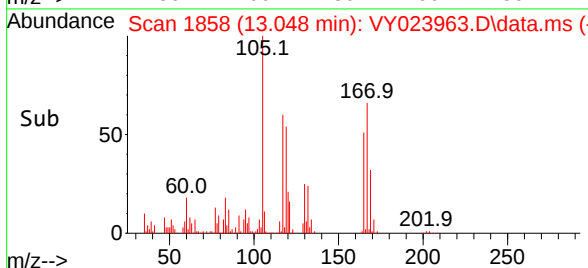
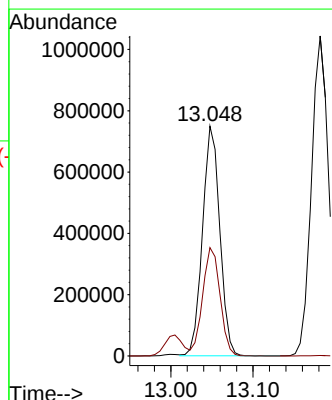
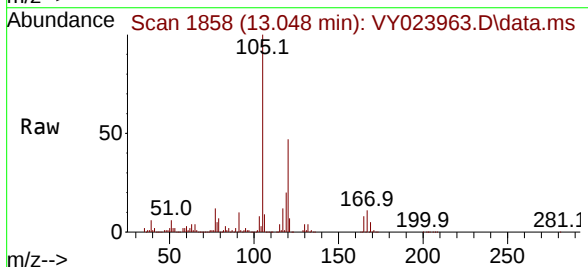
Acq: 15 Dec 2025 08:37

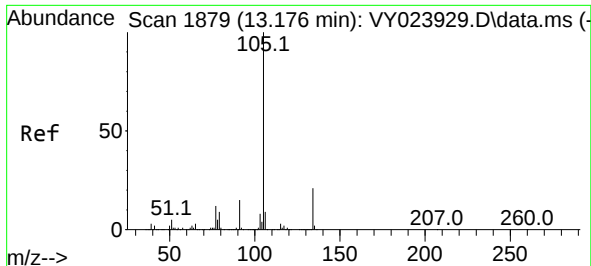
Tgt Ion:105 Resp: 1094434

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.3

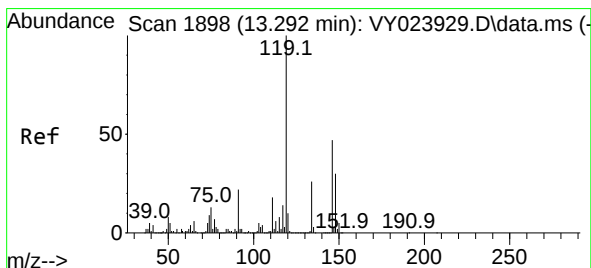
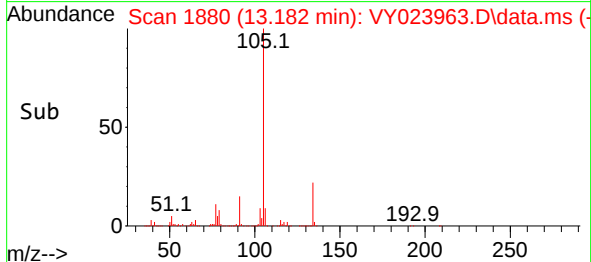
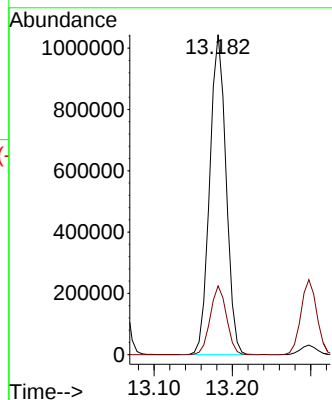
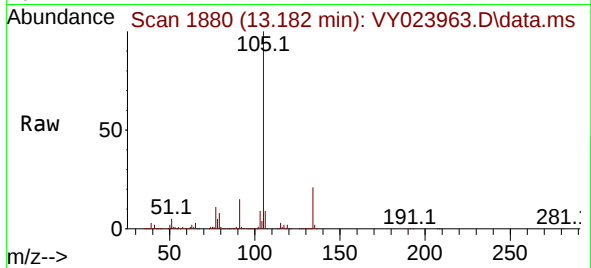




#85
 sec-Butylbenzene
 Concen: 54.884 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY023963.D
 Acq: 15 Dec 2025 08:37

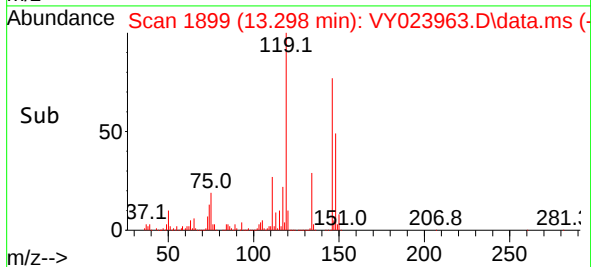
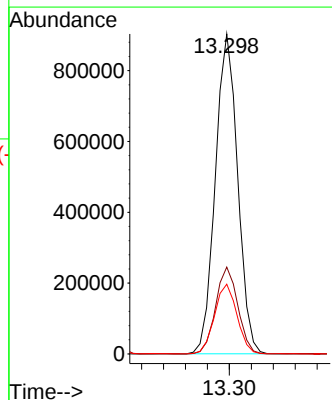
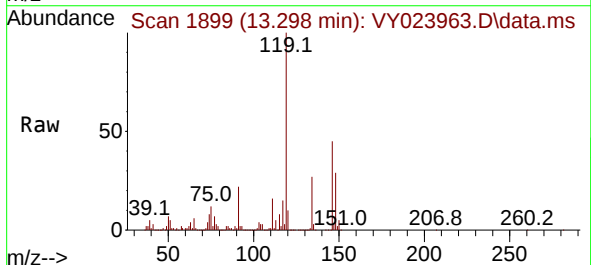
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

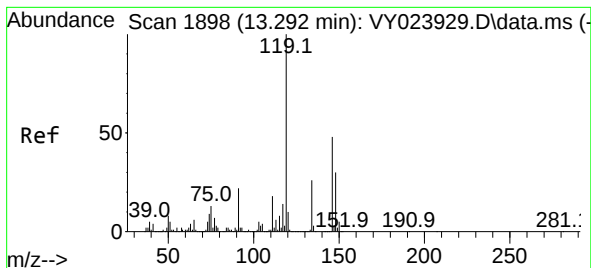
Tgt Ion:105 Resp: 1510698
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 54.880 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023963.D
 Acq: 15 Dec 2025 08:37

Tgt Ion:119 Resp: 1278658
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 21.9 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 52.784 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

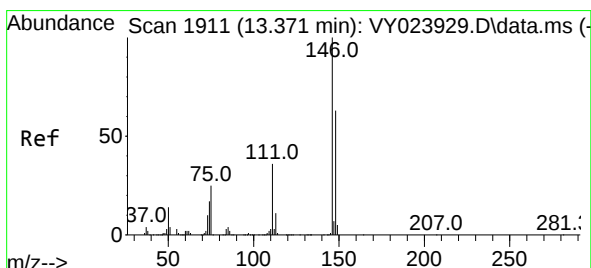
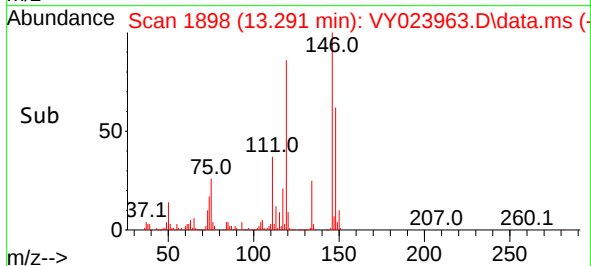
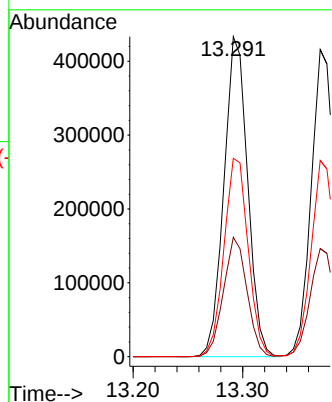
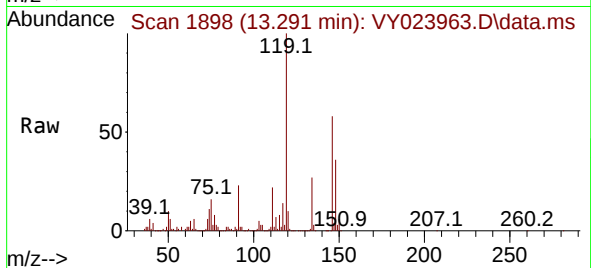
Tgt Ion:146 Resp: 651086

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.9

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 51.683 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

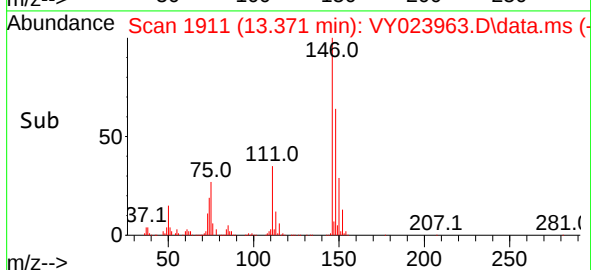
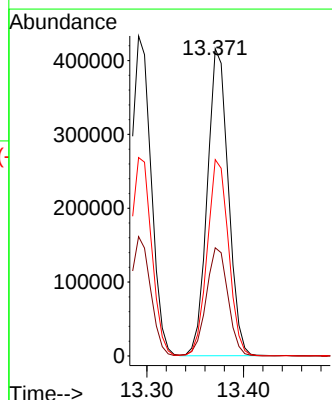
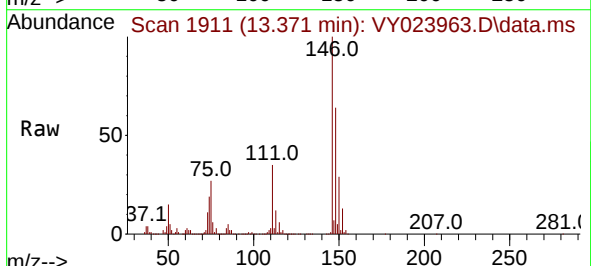
Tgt Ion:146 Resp: 628410

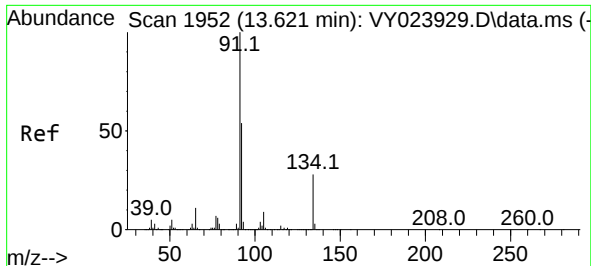
Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.0

148 64.7 31.9 95.9

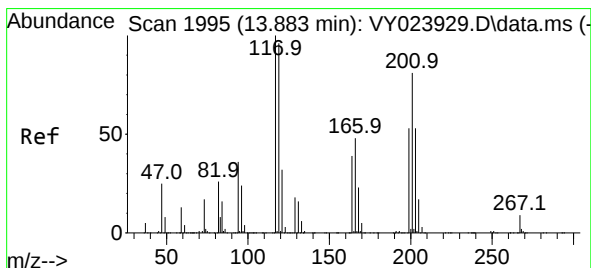
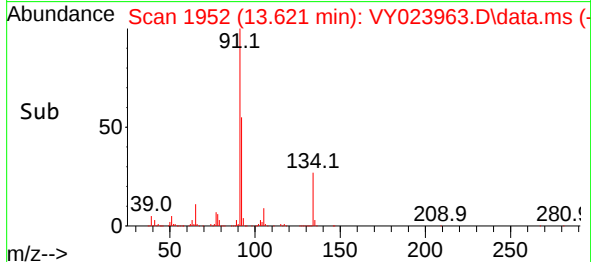
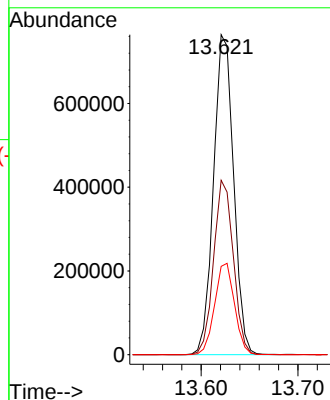
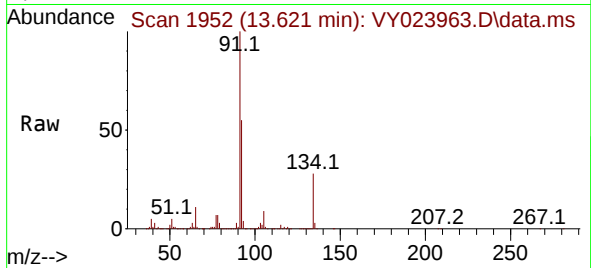




#89
n-Butylbenzene
Concen: 53.971 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

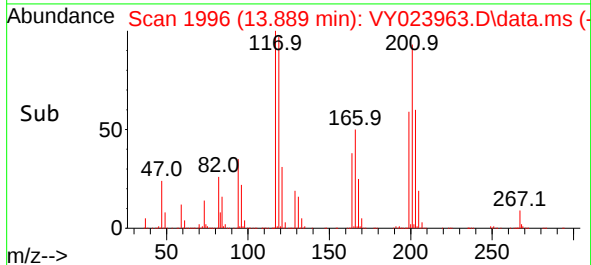
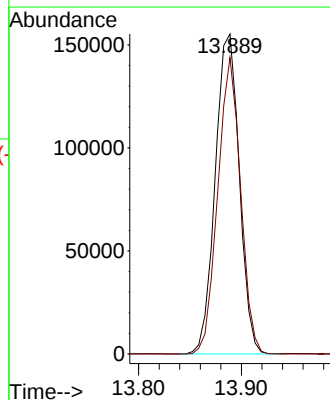
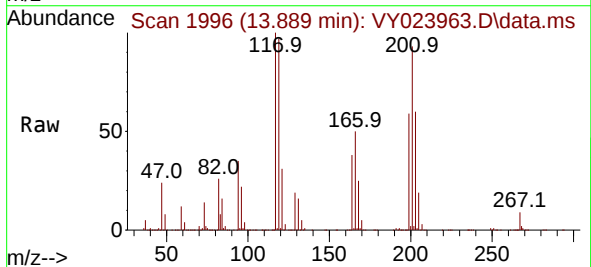
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

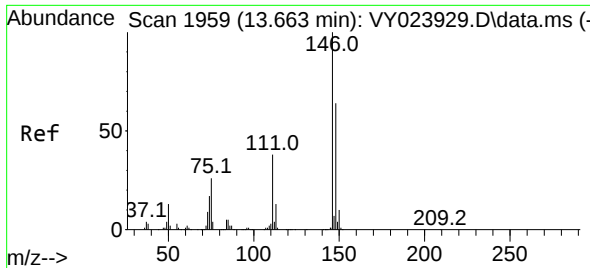
Tgt Ion: 91 Resp: 1100145
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 28.4 13.9 41.6



#90
Hexachloroethane
Concen: 53.042 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 117 Resp: 252182
Ion Ratio Lower Upper
117 100
201 87.6 42.4 127.3

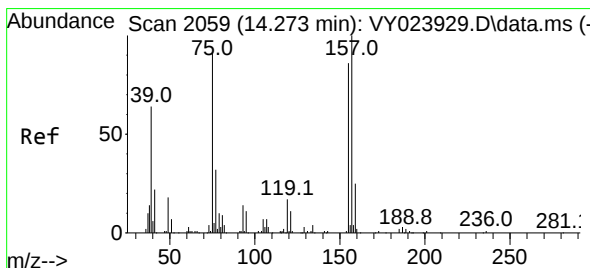
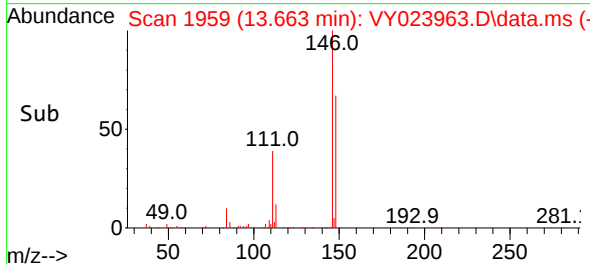
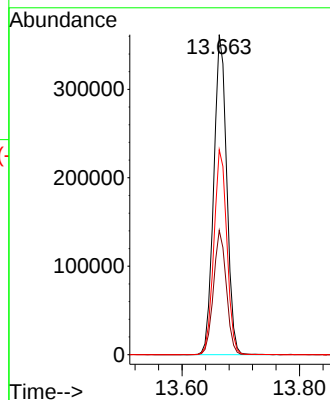
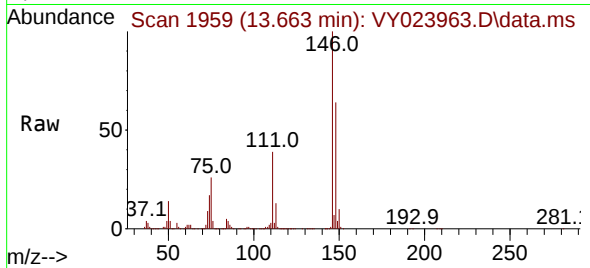




#91
1,2-Dichlorobenzene
Concen: 51.894 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

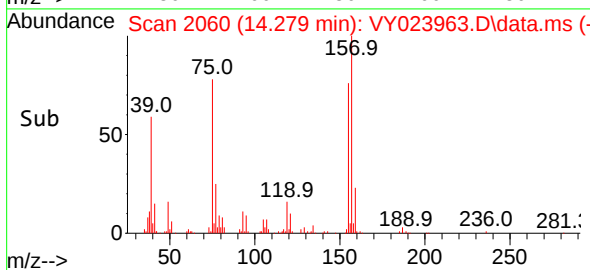
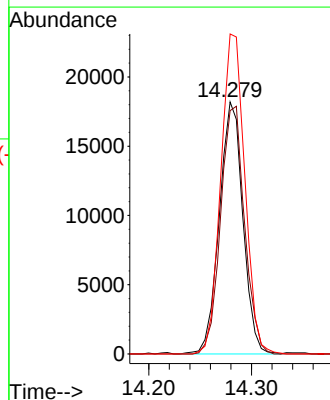
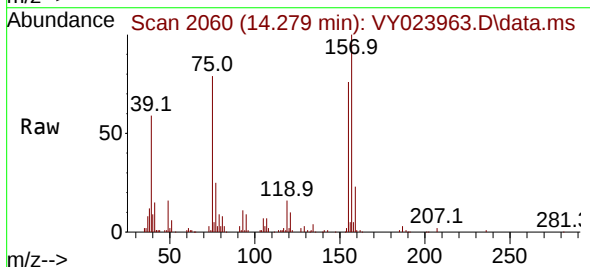
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

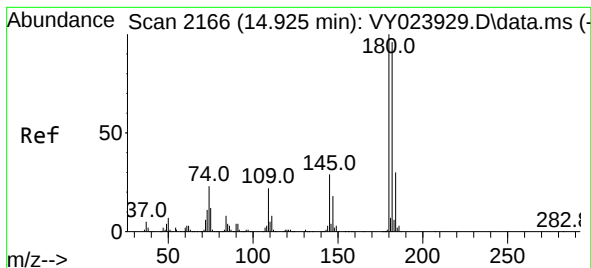
Tgt Ion:146 Resp: 554601
Ion Ratio Lower Upper
146 100
111 38.5 19.6 58.7
148 64.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.955 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY023963.D
Acq: 15 Dec 2025 08:37

Tgt Ion: 75 Resp: 28941
Ion Ratio Lower Upper
75 100
155 99.6 50.2 150.7
157 129.3 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 52.617 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

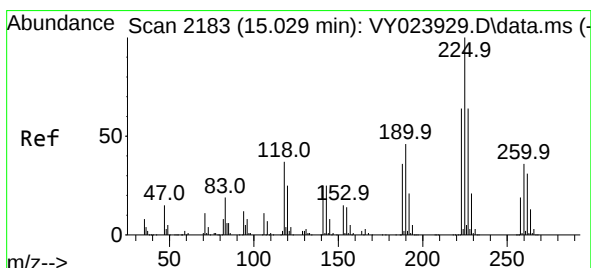
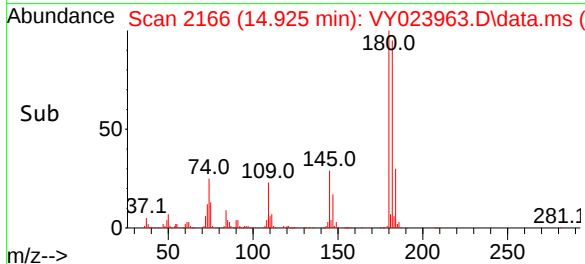
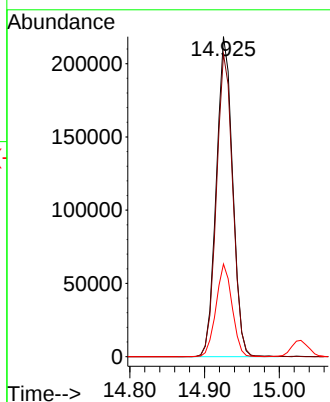
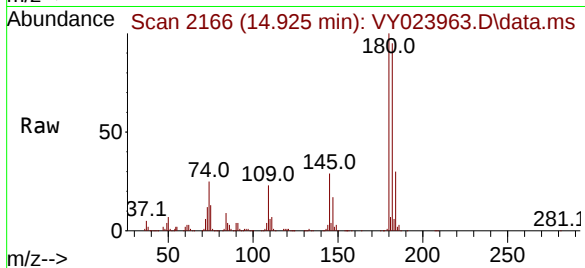
Tgt Ion:180 Resp: 330496

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 28.6 14.8 44.4



#94

Hexachlorobutadiene

Concen: 52.828 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

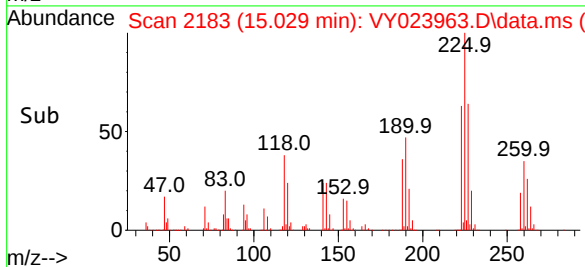
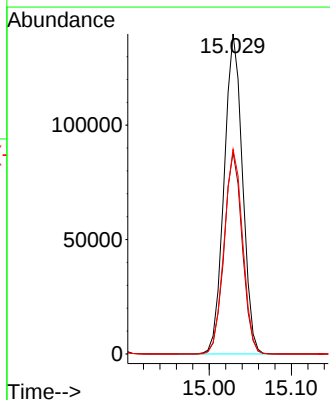
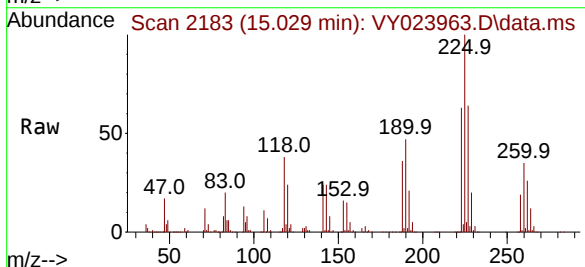
Tgt Ion:225 Resp: 217503

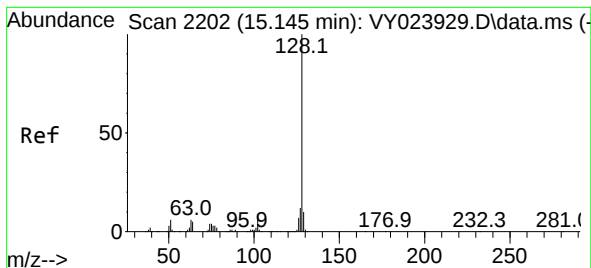
Ion Ratio Lower Upper

225 100

223 62.1 31.6 95.0

227 64.3 31.7 95.1





#95

Naphthalene

Concen: 51.886 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

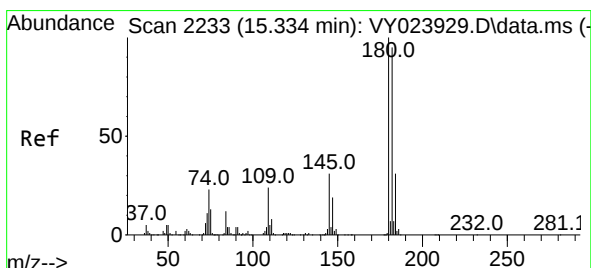
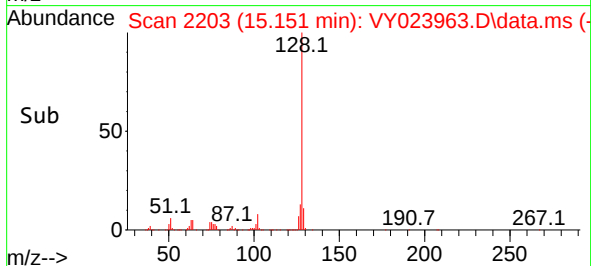
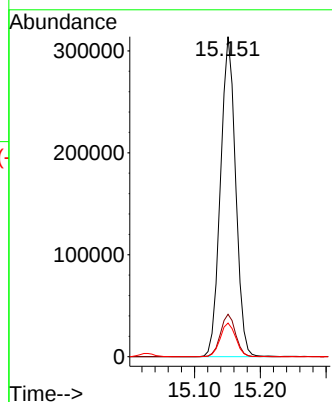
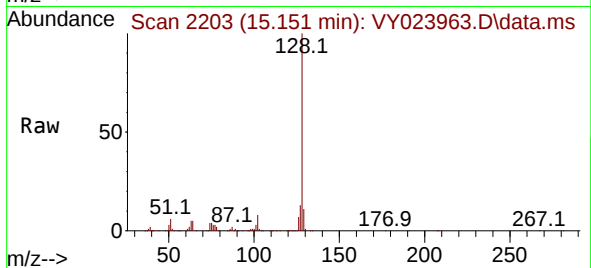
Tgt Ion:128 Resp: 503937

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.071 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY023963.D

Acq: 15 Dec 2025 08:37

Tgt Ion:180 Resp: 272976

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.4

145 31.0 15.6 46.8

