

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023939.D
 Acq On : 11 Dec 2025 07:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 03:16:10 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	7.713	168	547245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	774590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	666641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	349523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	245457	50.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.460%	
35) Dibromofluoromethane	7.640	113	253898	50.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.280%	
50) Toluene-d8	10.109	98	945655	50.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.408	95	315411	50.100	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	181866	47.923	ug/l	99
3) Chloromethane	2.074	50	243133	49.871	ug/l	98
4) Vinyl Chloride	2.214	62	303384	50.361	ug/l	99
5) Bromomethane	2.604	94	239039	46.606	ug/l	98
6) Chloroethane	2.745	64	205080	48.316	ug/l	99
7) Trichlorofluoromethane	3.068	101	446701	49.253	ug/l	98
8) Diethyl Ether	3.464	74	127223	51.061	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	255769	48.390	ug/l	100
10) Methyl Iodide	4.013	142	307551	47.194	ug/l	99
11) Tert butyl alcohol	4.878	59	77263	275.764	ug/l	98
12) 1,1-Dichloroethene	3.799	96	246857	49.708	ug/l	96
13) Acrolein	3.659	56	163726	365.373	ug/l	98
14) Allyl chloride	4.397	41	320378	50.418	ug/l	98
15) Acrylonitrile	5.067	53	258928	260.832	ug/l	98
16) Acetone	3.879	43	344316	279.098	ug/l	100
17) Carbon Disulfide	4.116	76	705713	53.511	ug/l	100
18) Methyl Acetate	4.397	43	113064	51.648	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	610560	51.411	ug/l	98
20) Methylene Chloride	4.628	84	256534	45.068	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	267046	48.983	ug/l	95
22) Diisopropyl ether	6.031	45	723777	50.021	ug/l	98
23) Vinyl Acetate	5.970	43	2126500	264.500	ug/l	99
24) 1,1-Dichloroethane	5.927	63	437391	48.498	ug/l	99
25) 2-Butanone	6.902	43	387186	258.941	ug/l	98
26) 2,2-Dichloropropane	6.896	77	412872	49.029	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	310299	49.581	ug/l	99
28) Bromochloromethane	7.250	49	186689	54.946	ug/l	100
29) Tetrahydrofuran	7.268	42	210977	276.662	ug/l	99
30) Chloroform	7.427	83	471810	47.892	ug/l	99
31) Cyclohexane	7.707	56	409171	49.311	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	441234	48.298	ug/l	99
36) 1,1-Dichloropropene	7.841	75	347767	50.449	ug/l	100
37) Ethyl Acetate	6.994	43	147592	52.579	ug/l	98
38) Carbon Tetrachloride	7.823	117	413133	49.445	ug/l	99
39) Methylcyclohexane	9.116	83	476438	51.732	ug/l	100
40) Benzene	8.085	78	1043011	49.686	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	70637	45.742	ug/l	90
42) 1,2-Dichloroethane	8.164	62	274440	49.854	ug/l	100
43) Isopropyl Acetate	8.201	43	285491	54.002	ug/l	99
44) Trichloroethene	8.872	130	296808	48.763	ug/l	98
45) 1,2-Dichloropropane	9.146	63	231977	48.979	ug/l	99
46) Dibromomethane	9.237	93	143990	51.617	ug/l	99
47) Bromodichloromethane	9.426	83	363050	49.472	ug/l	99
48) Methyl methacrylate	9.225	41	136321	55.390	ug/l	99
49) 1,4-Dioxane	9.237	88	33831	1087.841	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	782166	279.237	ug/l	99
52) Toluene	10.176	92	694441	49.993	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	327710	51.676	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	381432	51.042	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	191596	49.902	ug/l	99
56) Ethyl methacrylate	10.445	69	252199	55.408	ug/l	98
57) 1,3-Dichloropropane	10.719	76	316268	50.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	472866	239.837	ug/l	100
59) 2-Hexanone	10.762	43	586733	275.992	ug/l	99
60) Dibromochloromethane	10.914	129	271588	51.091	ug/l	100
61) 1,2-Dibromoethane	11.018	107	181908	51.129	ug/l	99
64) Tetrachloroethene	10.652	164	350138	48.891	ug/l	99
65) Chlorobenzene	11.444	112	761552	49.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	265408	48.991	ug/l	99
67) Ethyl Benzene	11.524	91	1309027	50.577	ug/l	100
68) m/p-Xylenes	11.633	106	1040226	101.245	ug/l	100
69) o-Xylene	11.956	106	486128	50.579	ug/l	99
70) Styrene	11.975	104	799920	51.518	ug/l	100
71) Bromoform	12.139	173	167499	52.463	ug/l #	98
73) Isopropylbenzene	12.255	105	1287243	50.394	ug/l	99
74) N-amyl acetate	12.072	43	258851	57.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	203052	52.206	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	280351	94.822	ug/l #	100
77) Bromobenzene	12.536	156	313656	49.488	ug/l	99
78) n-propylbenzene	12.597	91	1502276	50.549	ug/l	99
79) 2-Chlorotoluene	12.682	91	842406	49.900	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1028931	50.491	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	69228	53.298	ug/l	98
82) 4-Chlorotoluene	12.779	91	864973	49.771	ug/l	100
83) tert-Butylbenzene	12.999	119	942605	50.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	1024814	50.765	ug/l	100
85) sec-Butylbenzene	13.176	105	1372847	49.983	ug/l	100
86) p-Isopropyltoluene	13.298	119	1168841	50.275	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	607461	49.354	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	591686	48.768	ug/l	100
89) n-Butylbenzene	13.621	91	1026505	50.467	ug/l	100
90) Hexachloroethane	13.883	117	230267	48.537	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	529210	49.625	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	31846	52.882	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	325867	51.992	ug/l	100
94) Hexachlorobutadiene	15.029	225	203979	49.650	ug/l	99
95) Naphthalene	15.145	128	550140	56.766	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	279393	52.384	ug/l	100

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ClientSampleId :
VSTDCCC050

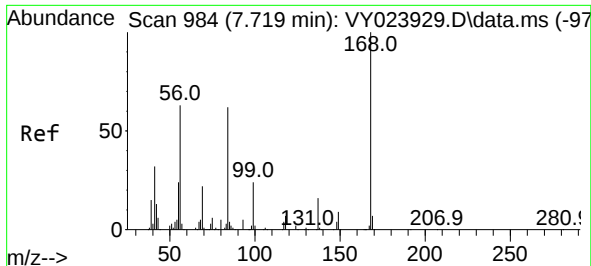
Quant Time: Dec 12 03:16:10 2025
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

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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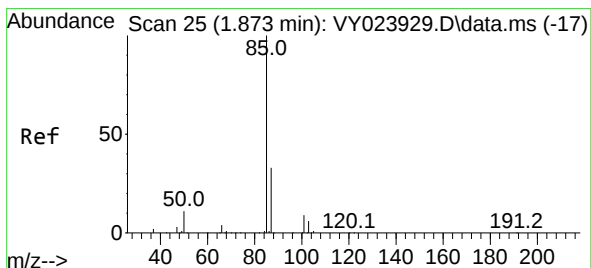
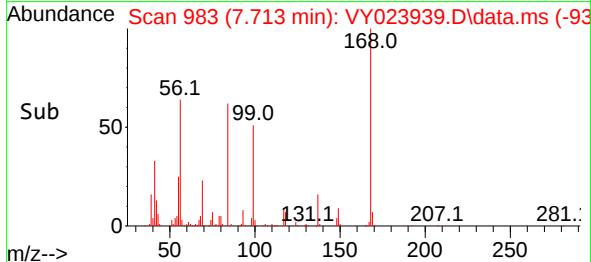
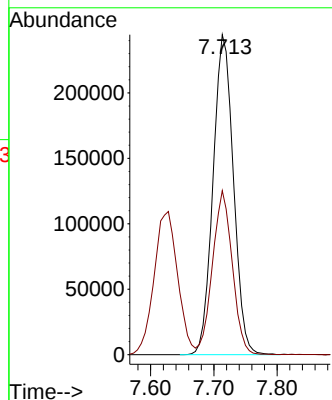
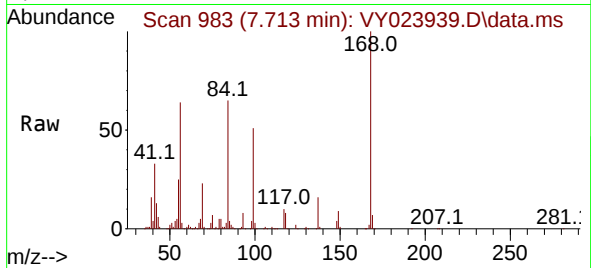




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

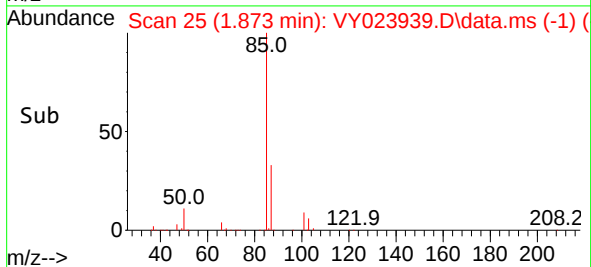
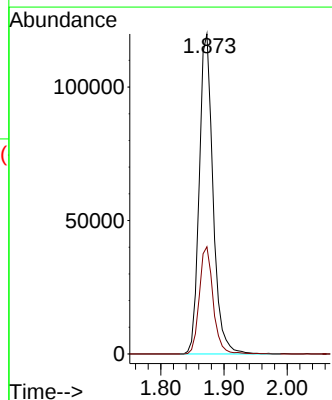
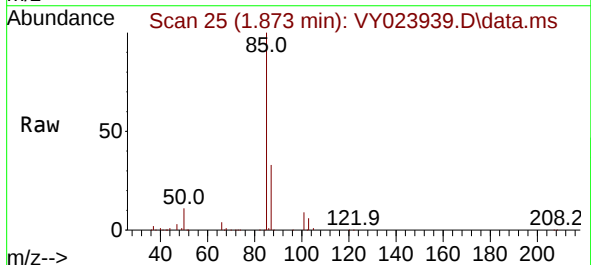
Instrument :
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ClientSampleId :
VSTDCCC050

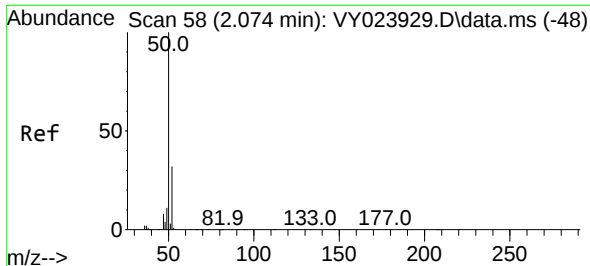
Tgt Ion:168 Resp: 547245
Ion Ratio Lower Upper
168 100
99 51.2 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 47.923 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 85 Resp: 181866
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.1

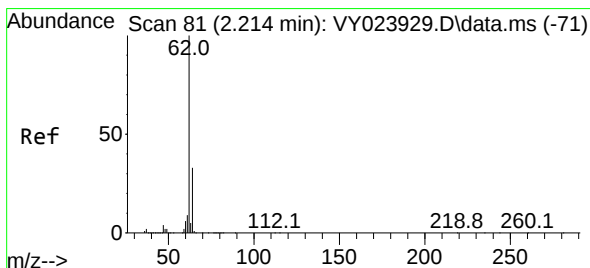
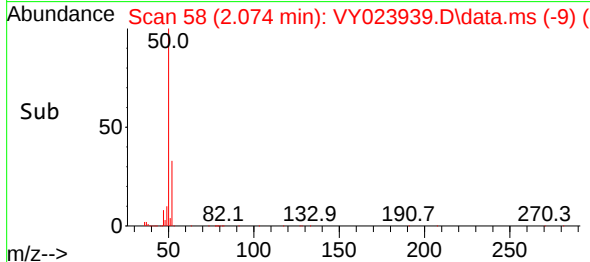
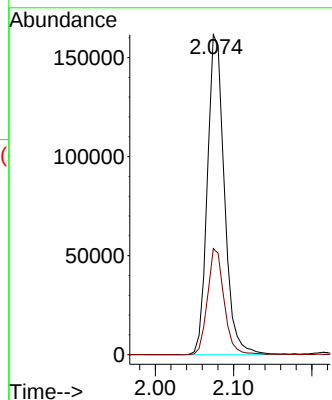
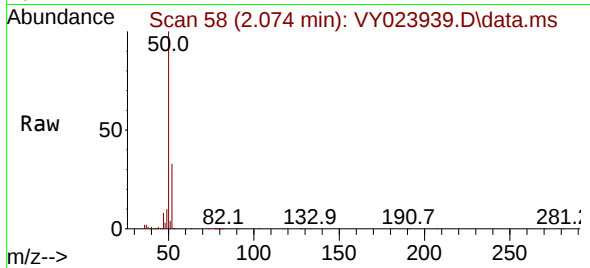




#3
Chloromethane
Concen: 49.871 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

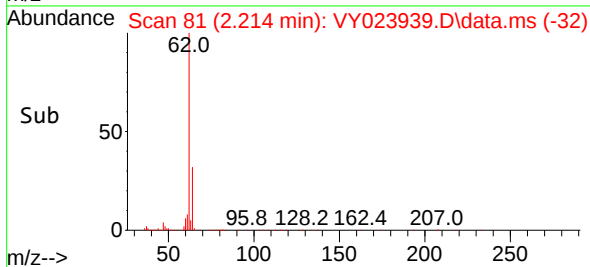
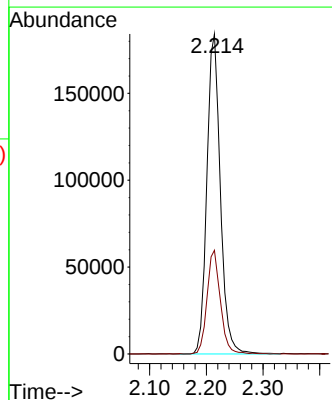
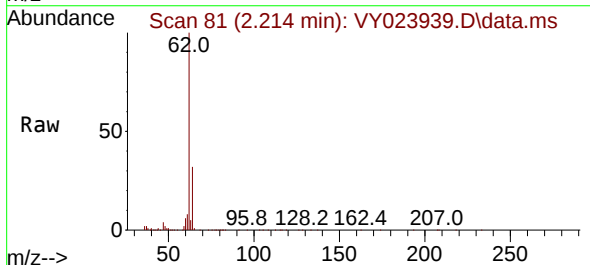
Instrument :
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ClientSampleId :
VSTDCCC050

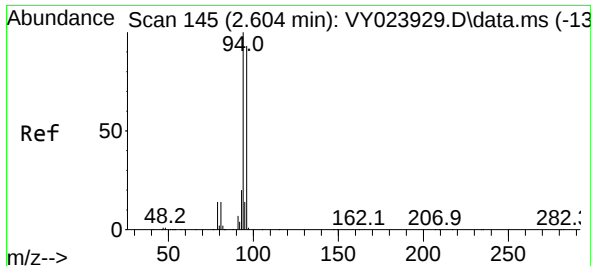
Tgt Ion: 50 Resp: 243133
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8



#4
Vinyl Chloride
Concen: 50.361 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 62 Resp: 303384
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.4

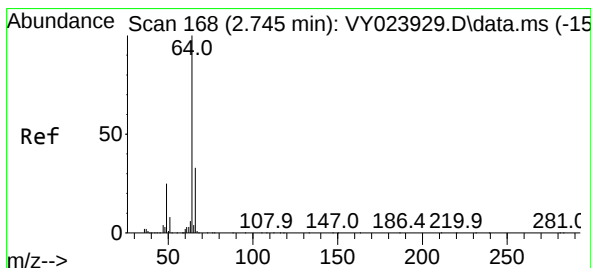
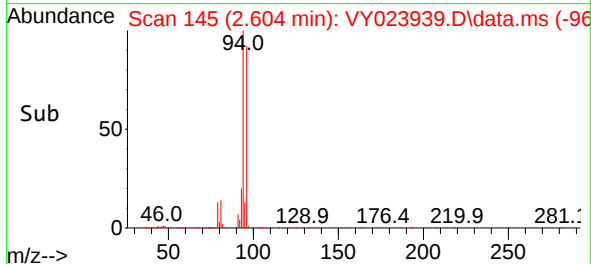
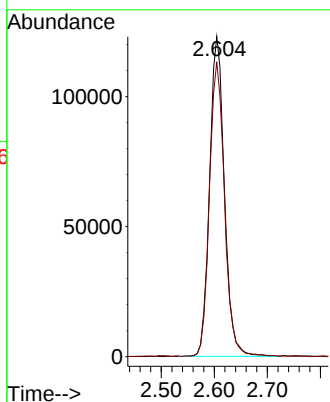
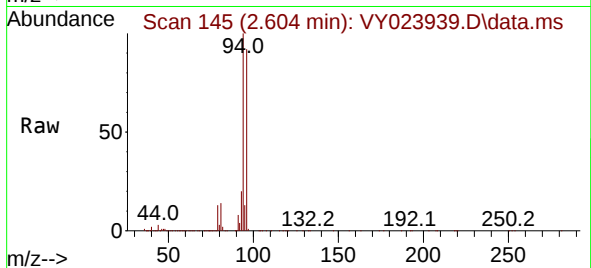




#5
Bromomethane
Concen: 46.606 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

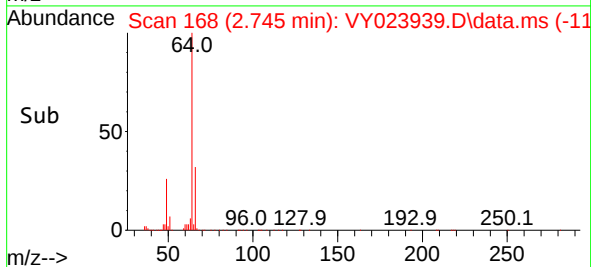
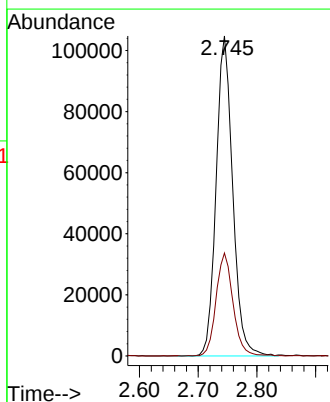
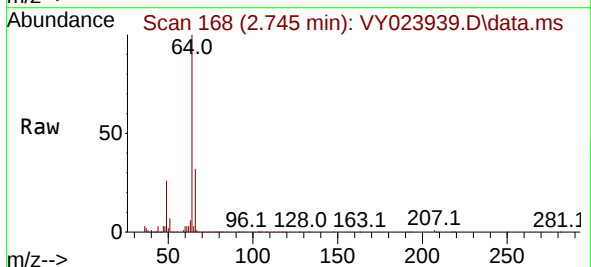
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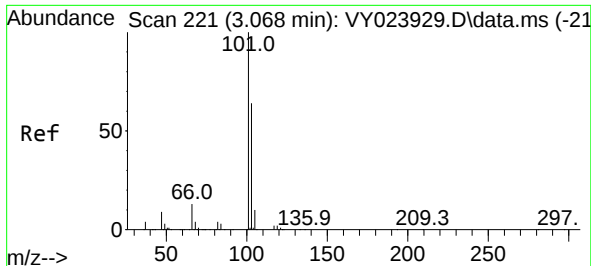
Tgt Ion: 94 Resp: 239039
Ion Ratio Lower Upper
94 100
96 92.0 74.8 112.2



#6
Chloroethane
Concen: 48.316 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 64 Resp: 205080
Ion Ratio Lower Upper
64 100
66 32.1 26.0 39.0

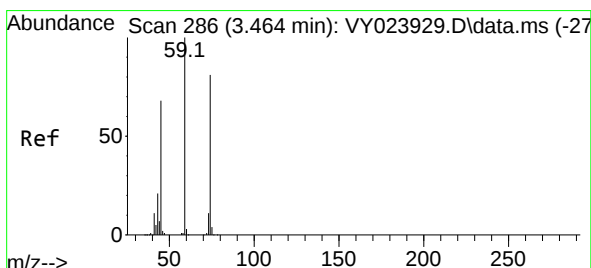
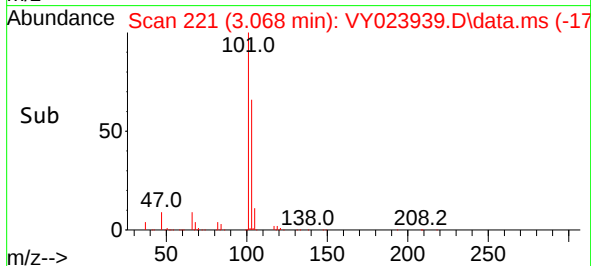
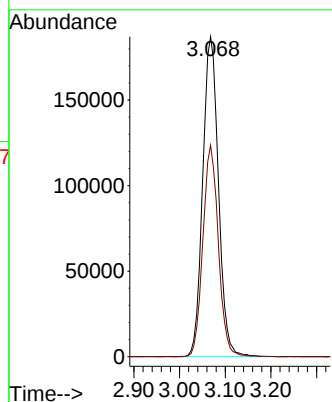
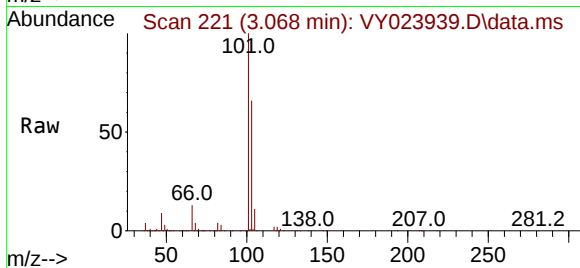




#7
 Trichlorofluoromethane
 Concen: 49.253 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023939.D
 Acq: 11 Dec 2025 07:51

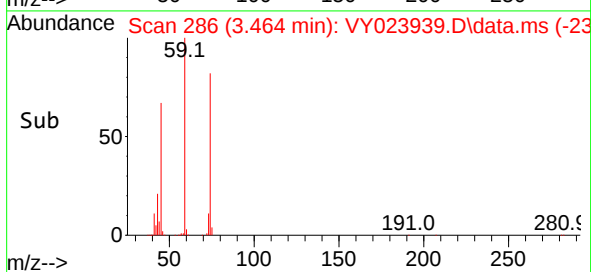
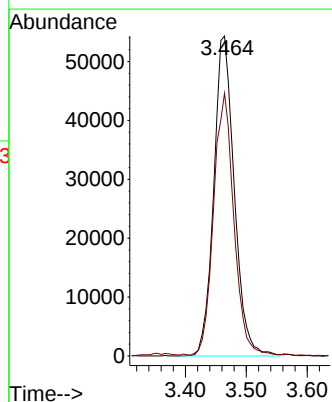
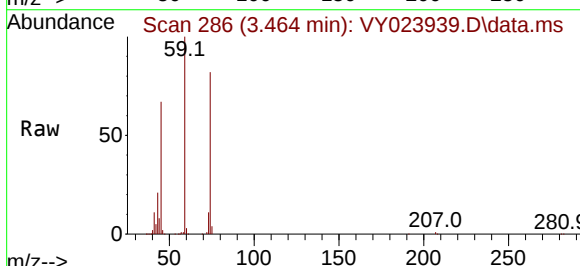
Instrument :
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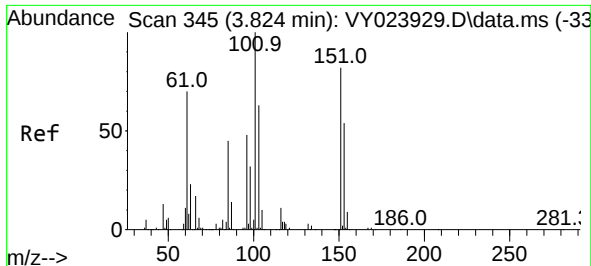
Tgt Ion:101 Resp: 446701
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.061 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY023939.D
 Acq: 11 Dec 2025 07:51

Tgt Ion: 74 Resp: 127223
 Ion Ratio Lower Upper
 74 100
 45 81.3 42.0 126.1

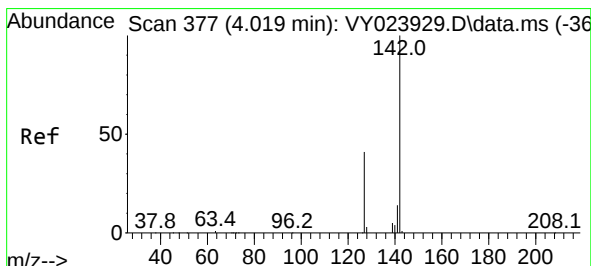
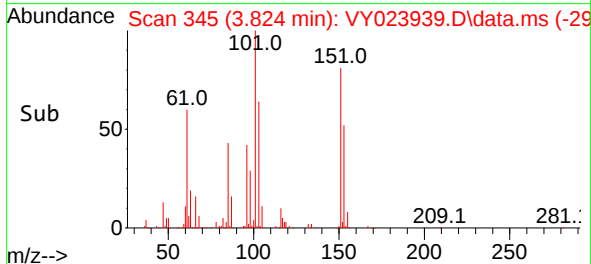
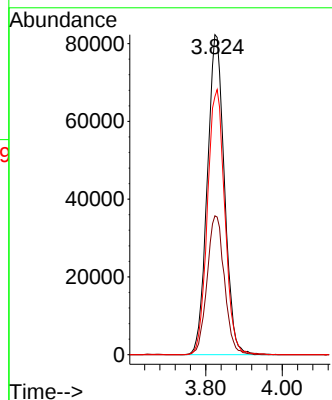
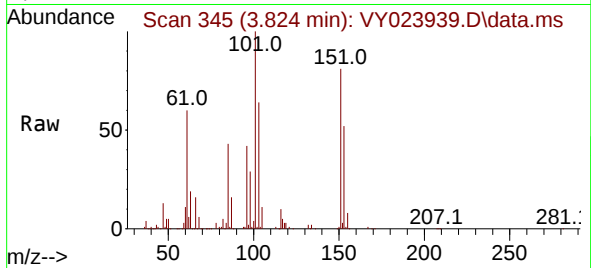




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.390 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

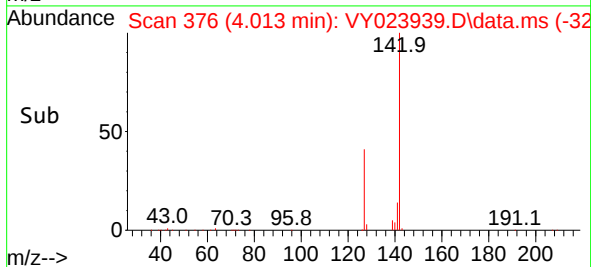
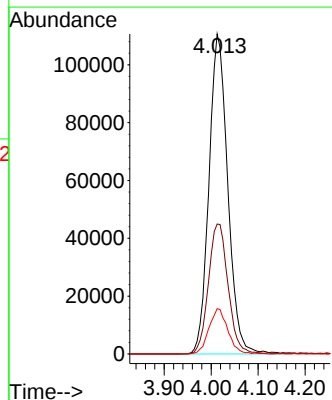
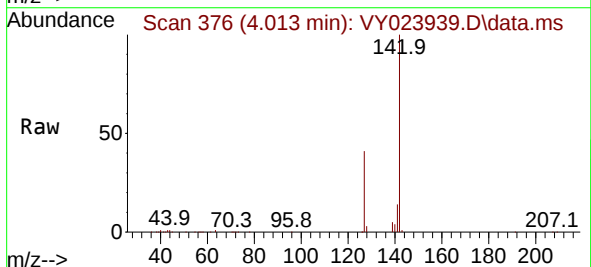
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

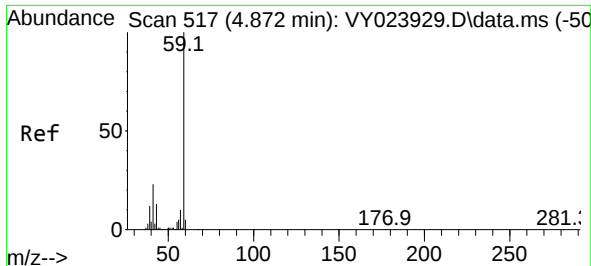
Tgt Ion:101 Resp: 255769
Ion Ratio Lower Upper
101 100
85 43.9 35.1 52.7
151 83.9 67.2 100.8



#10
Methyl Iodide
Concen: 47.194 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion:142 Resp: 307551
Ion Ratio Lower Upper
142 100
127 42.3 34.5 51.7
141 14.3 11.5 17.3

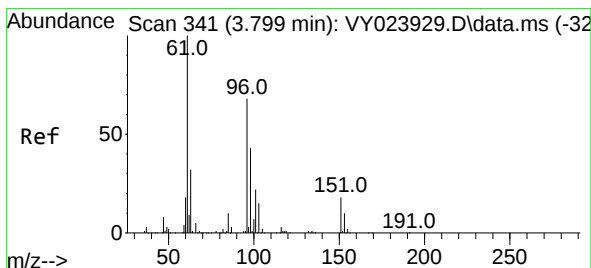
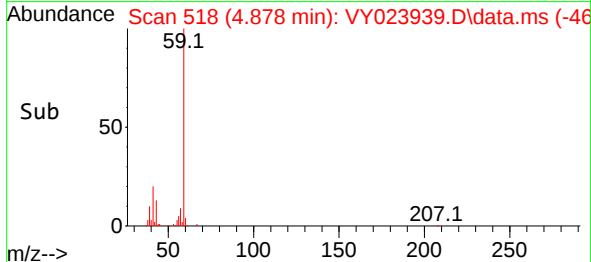
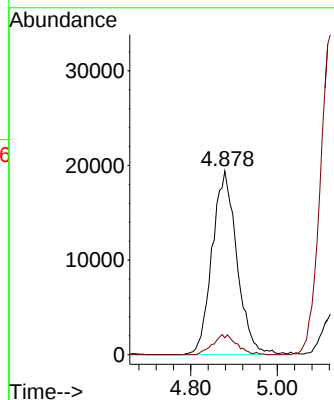
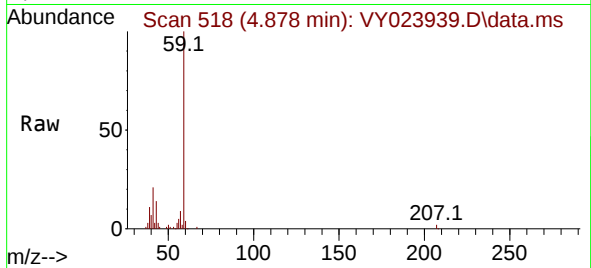




#11
Tert butyl alcohol
Concen: 275.764 ug/l
RT: 4.878 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

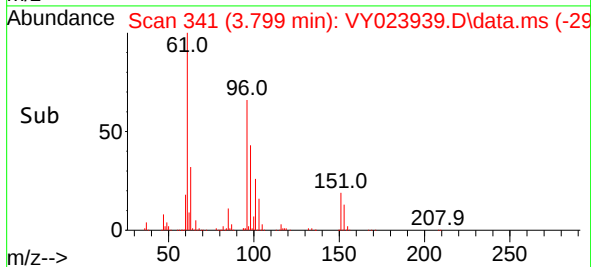
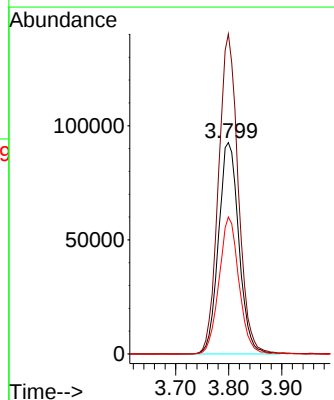
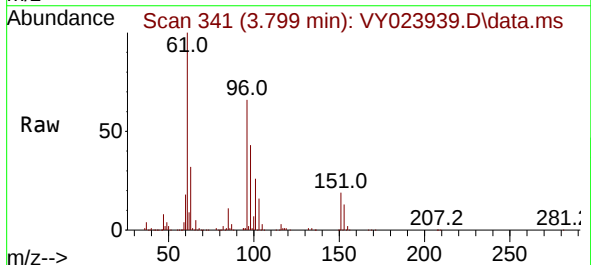
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

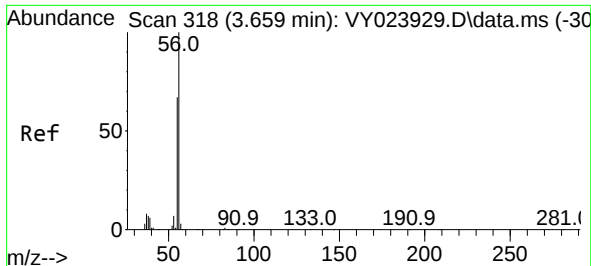
Tgt Ion: 59 Resp: 77263
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1



#12
1,1-Dichloroethene
Concen: 49.708 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 96 Resp: 246857
Ion Ratio Lower Upper
96 100
61 151.4 117.0 175.6
98 64.8 50.5 75.7

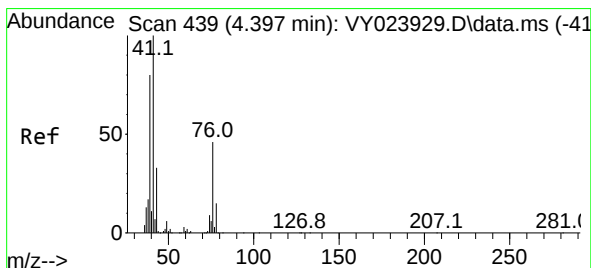
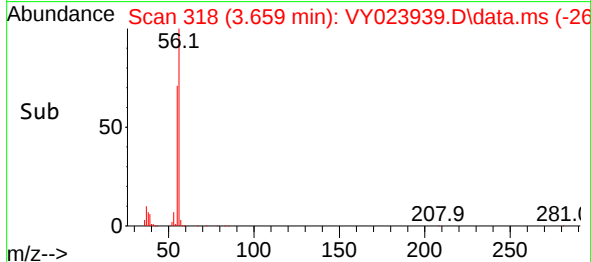
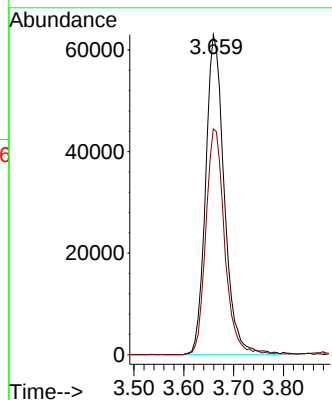
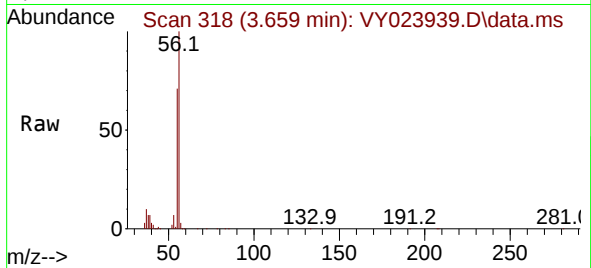




#13
Acrolein
Concen: 365.373 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

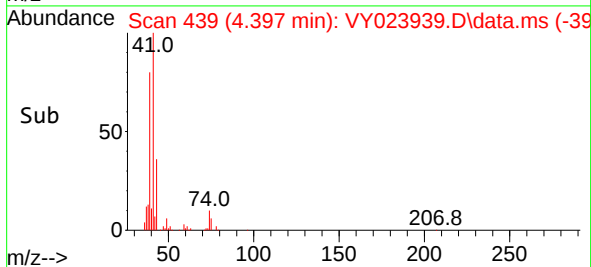
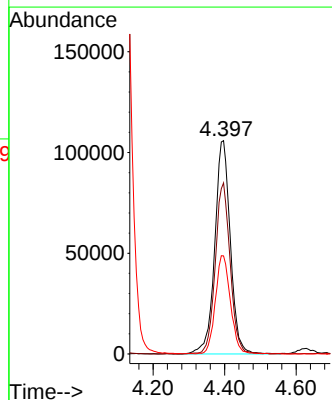
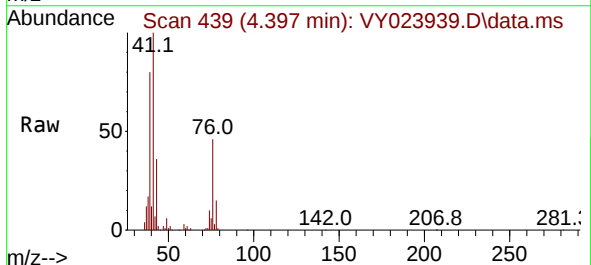
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

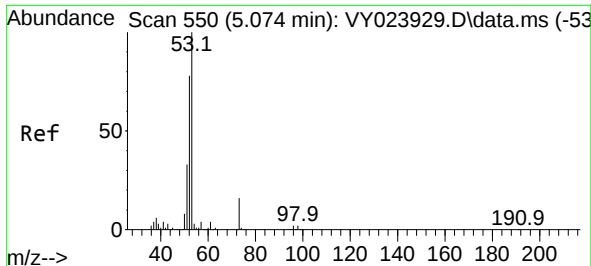
Tgt Ion: 56 Resp: 163726
Ion Ratio Lower Upper
56 100
55 71.3 55.7 83.5



#14
Allyl chloride
Concen: 50.418 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 41 Resp: 320378
Ion Ratio Lower Upper
41 100
39 76.6 62.9 94.3
76 44.2 35.7 53.5

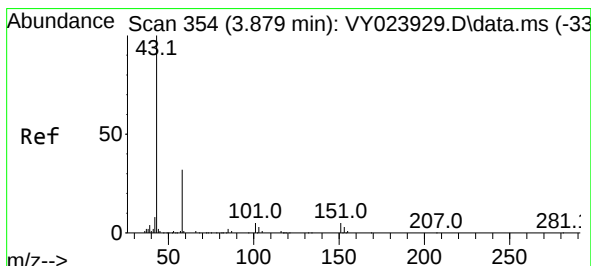
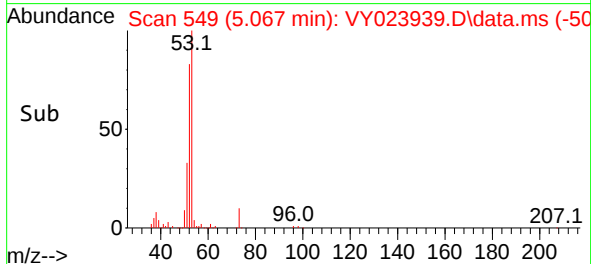
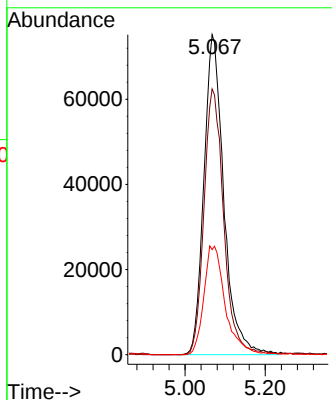
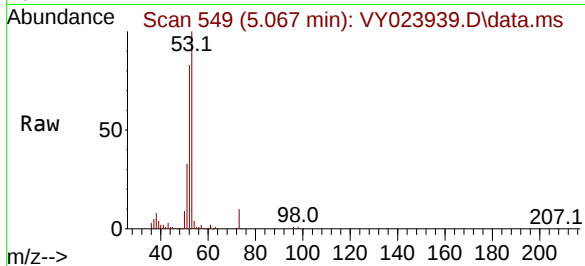




#15
Acrylonitrile
Concen: 260.832 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

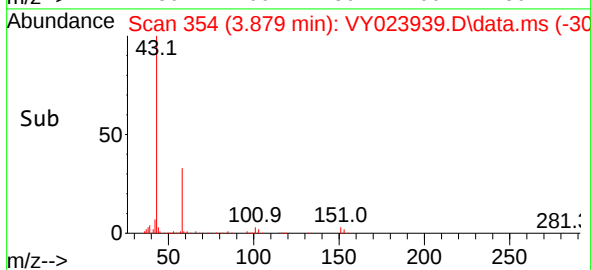
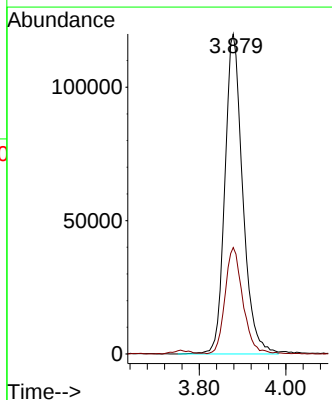
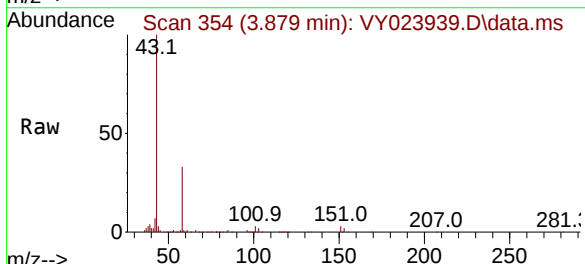
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

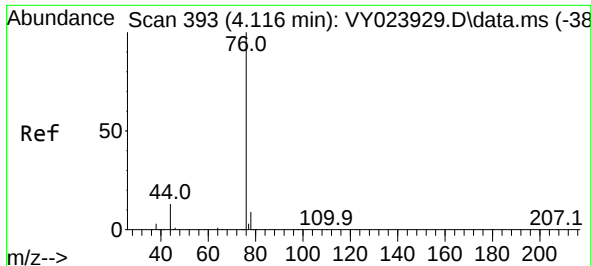
Tgt Ion: 53 Resp: 258928
Ion Ratio Lower Upper
53 100
52 82.3 64.2 96.2
51 36.5 29.3 43.9



#16
Acetone
Concen: 279.098 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 43 Resp: 344316
Ion Ratio Lower Upper
43 100
58 32.9 26.4 39.6

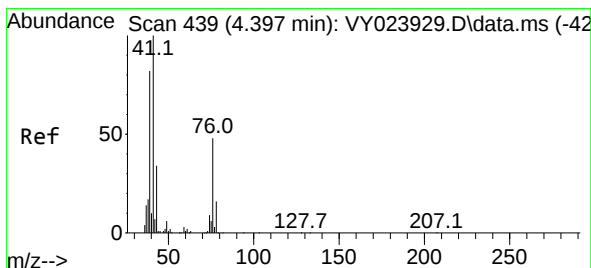
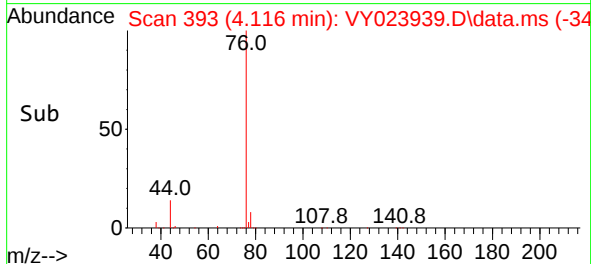
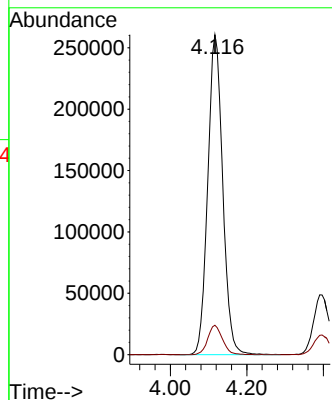
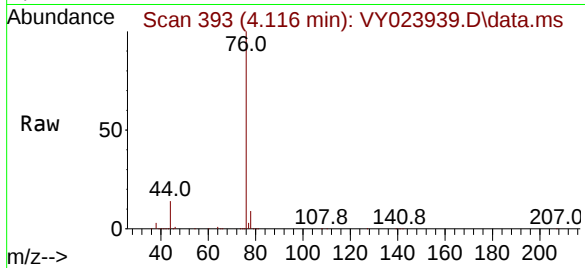




#17
Carbon Disulfide
Concen: 53.511 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

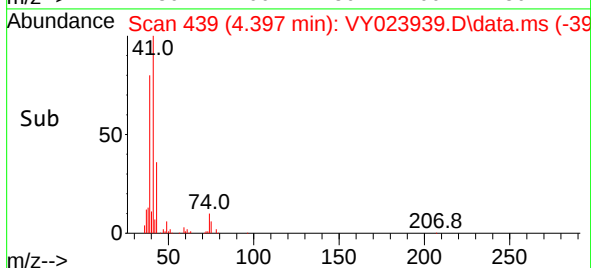
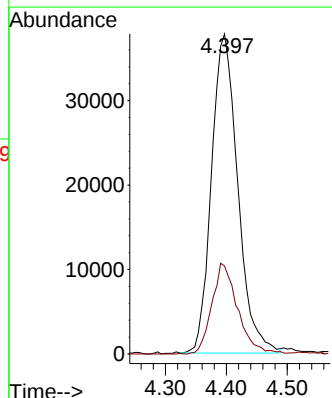
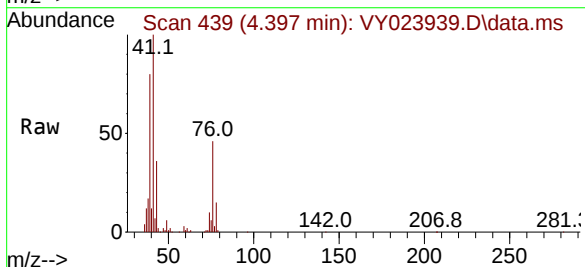
Instrument :
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ClientSampleId :
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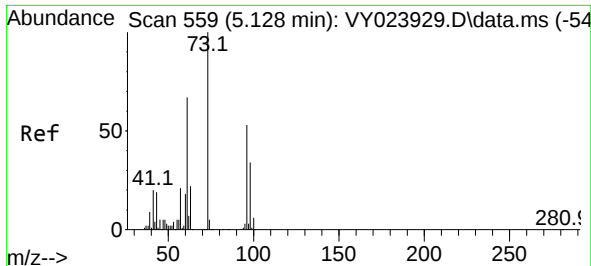
Tgt Ion: 76 Resp: 705713
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 51.648 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 43 Resp: 113064
Ion Ratio Lower Upper
43 100
74 27.9 22.6 33.8

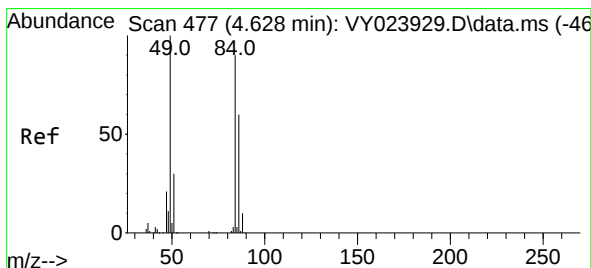
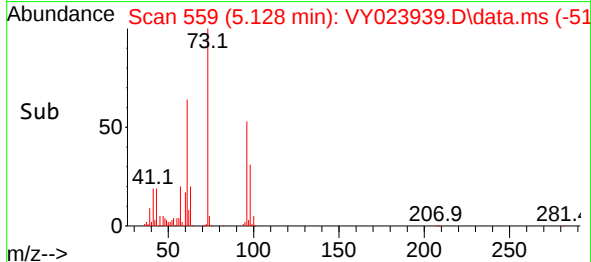
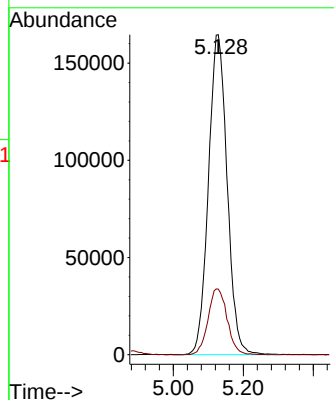
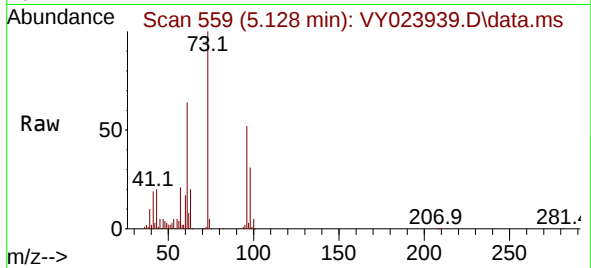




#19
Methyl tert-butyl Ether
Concen: 51.411 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

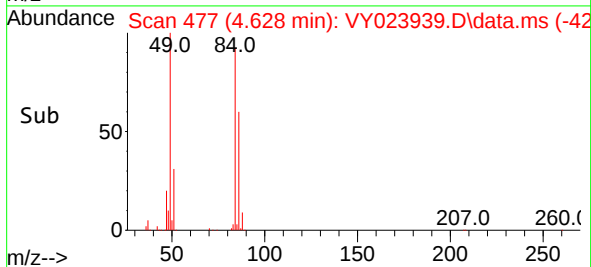
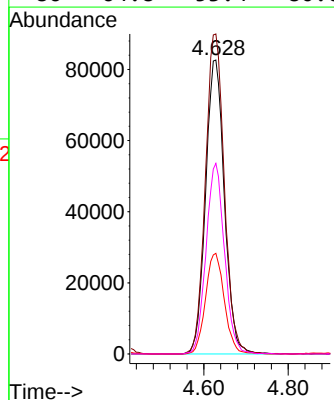
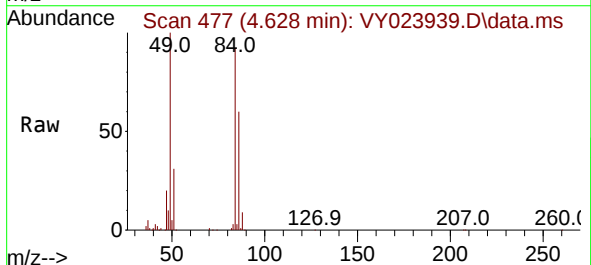
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

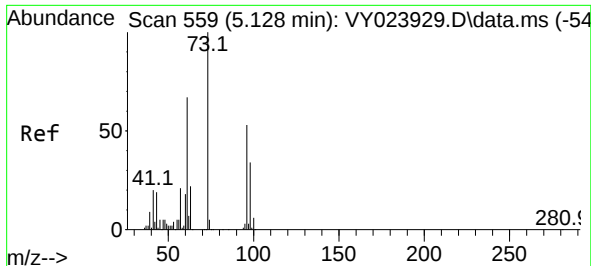
Tgt Ion: 73 Resp: 610560
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7



#20
Methylene Chloride
Concen: 45.068 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 84 Resp: 256534
Ion Ratio Lower Upper
84 100
49 108.9 89.1 133.7
51 34.3 26.6 39.8
86 64.8 53.4 80.0

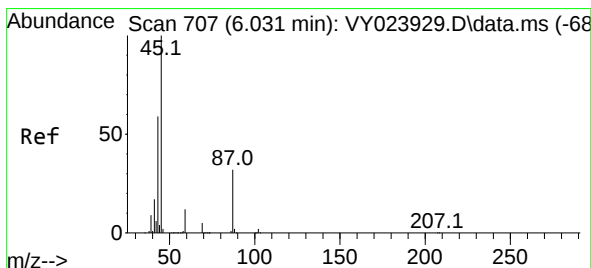
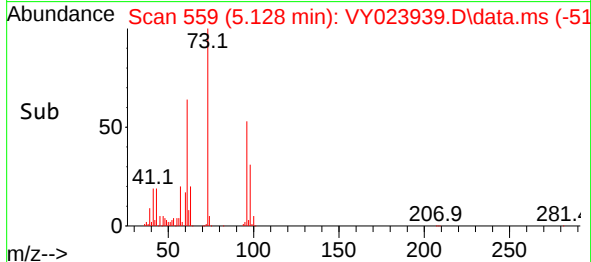
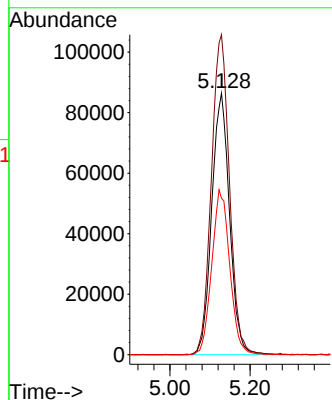
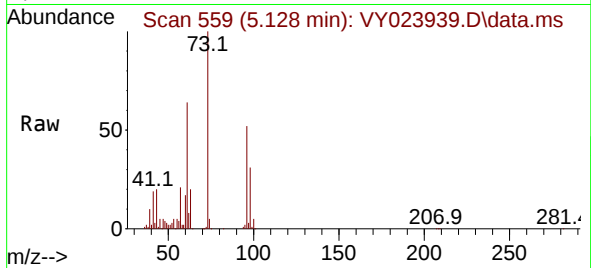




#21
trans-1,2-Dichloroethene
Concen: 48.983 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

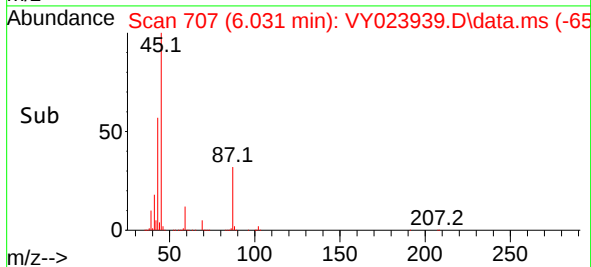
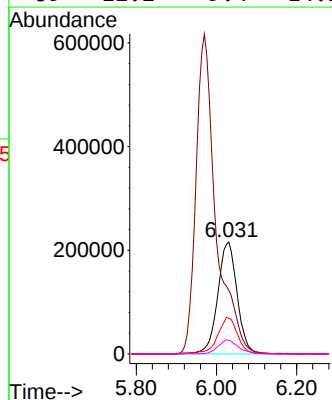
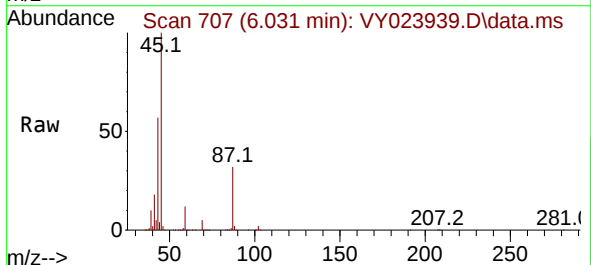
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

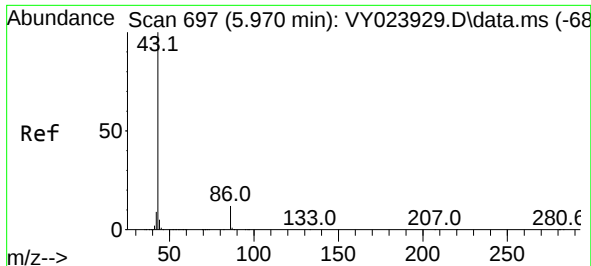
Tgt Ion: 96 Resp: 267046
Ion Ratio Lower Upper
96 100
61 122.4 101.4 152.0
98 59.8 51.7 77.5



#22
Diisopropyl ether
Concen: 50.021 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 45 Resp: 723777
Ion Ratio Lower Upper
45 100
43 56.2 47.0 70.6
87 32.0 26.0 39.0
59 12.2 9.4 14.2

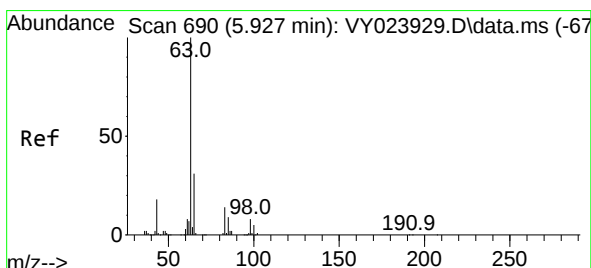
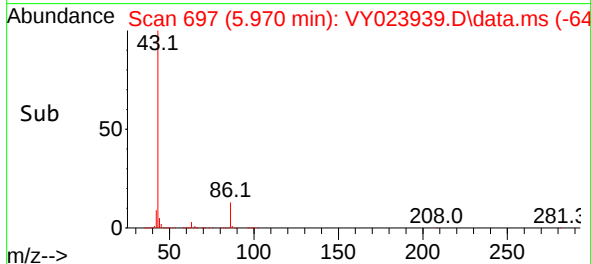
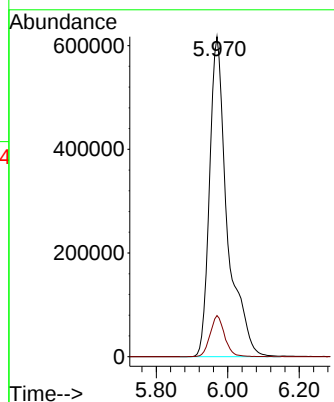
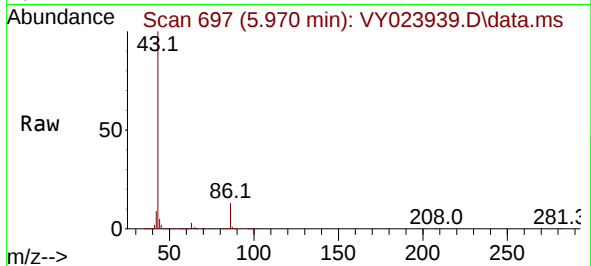




#23
 Vinyl Acetate
 Concen: 264.500 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023939.D
 Acq: 11 Dec 2025 07:51

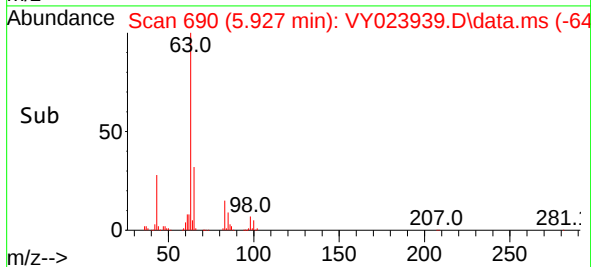
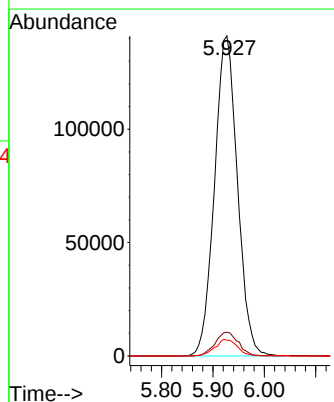
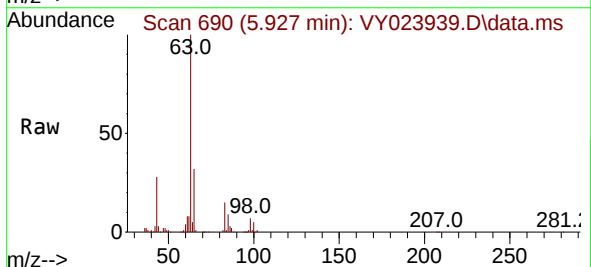
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

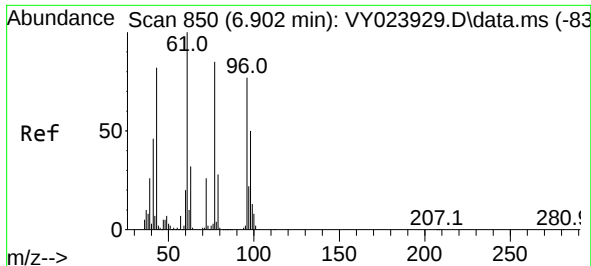
Tgt Ion: 43 Resp: 2126500
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 48.498 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023939.D
 Acq: 11 Dec 2025 07:51

Tgt Ion: 63 Resp: 437391
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 4.9 2.3 6.9

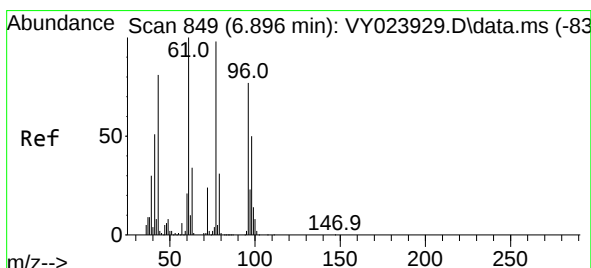
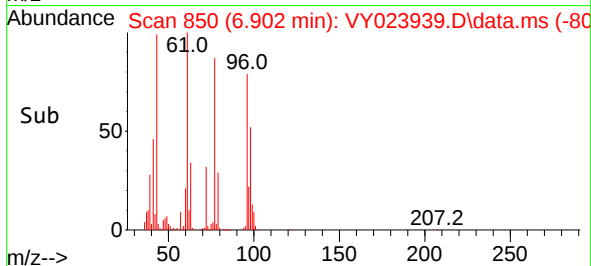
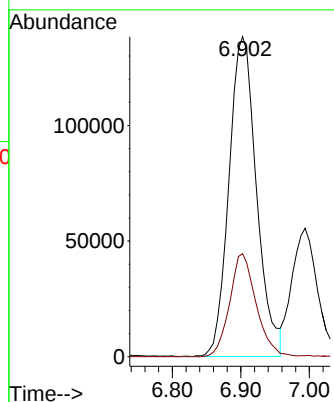
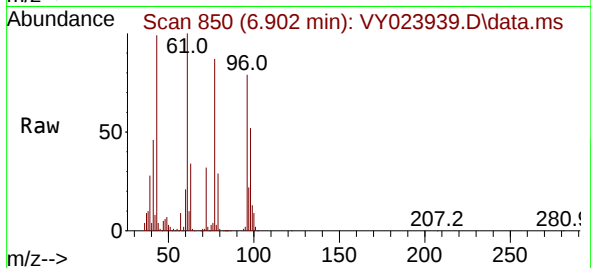




#25
2-Butanone
Concen: 258.941 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

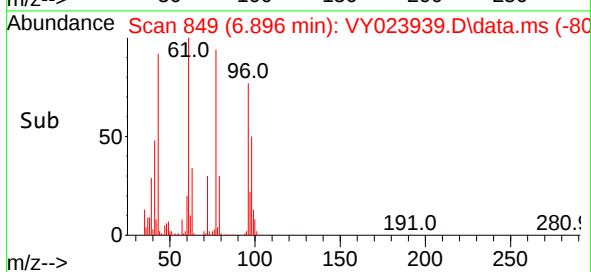
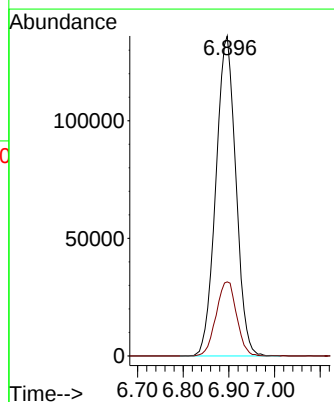
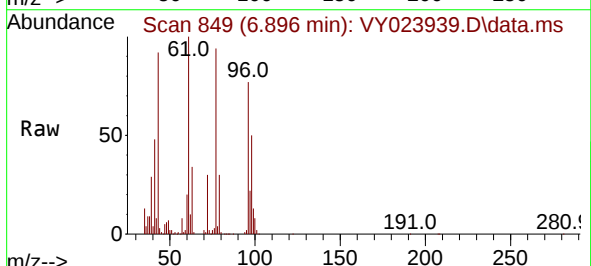
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

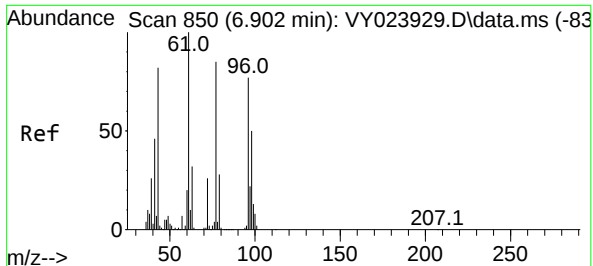
Tgt Ion: 43 Resp: 387186
Ion Ratio Lower Upper
43 100
72 32.2 25.0 37.6



#26
2,2-Dichloropropane
Concen: 49.029 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 77 Resp: 412872
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 49.581 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

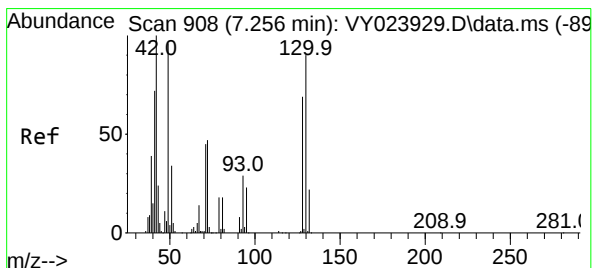
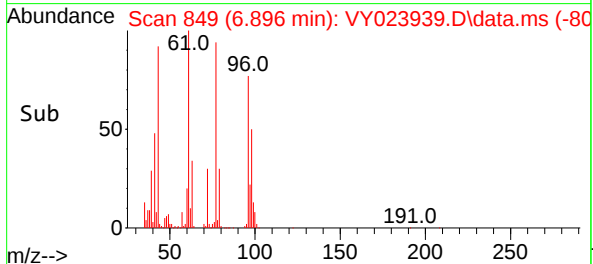
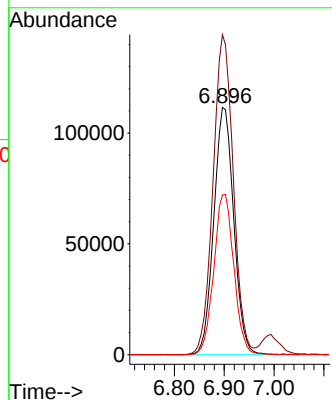
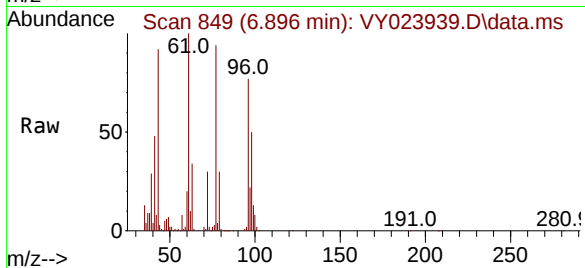
Tgt Ion: 96 Resp: 310299

Ion Ratio Lower Upper

96 100

61 130.9 0.0 264.6

98 65.1 0.0 129.6



#28

Bromochloromethane

Concen: 54.946 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

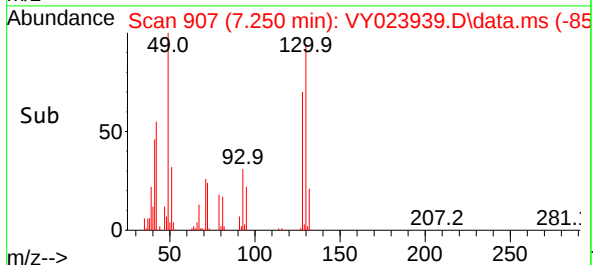
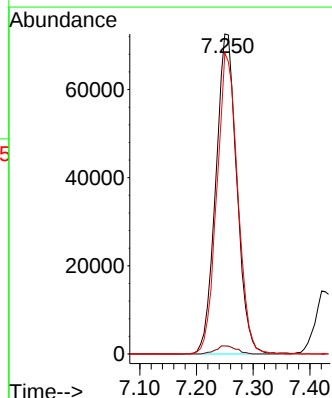
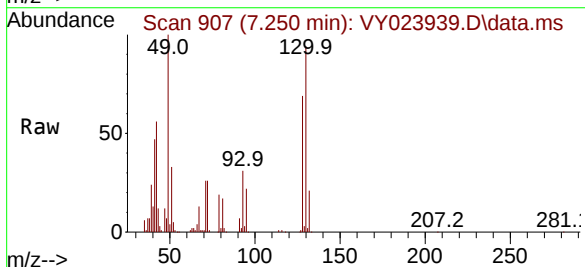
Tgt Ion: 49 Resp: 186689

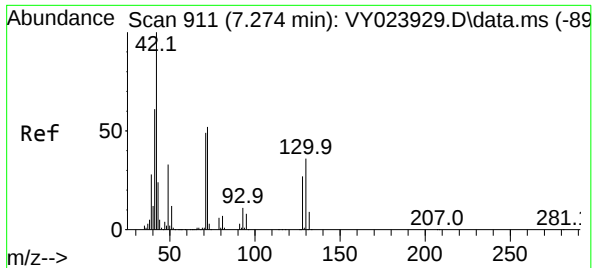
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 93.3 74.4 111.6

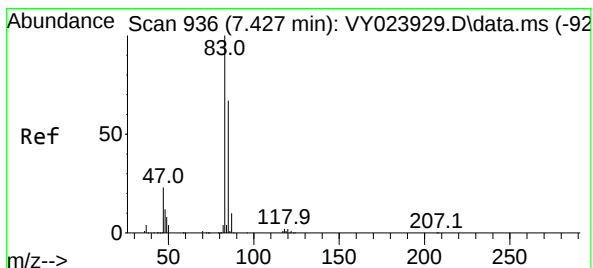
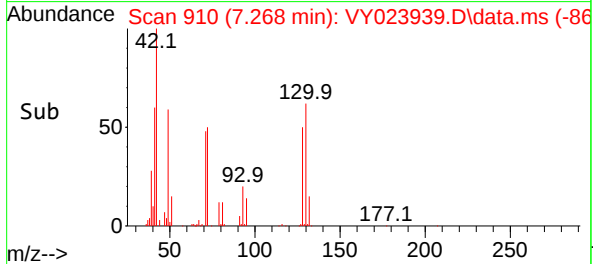
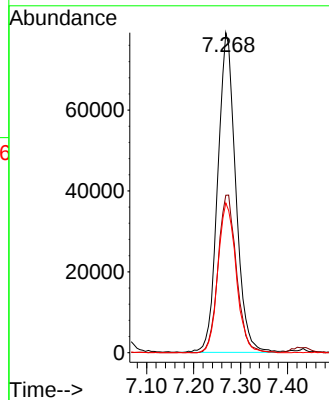
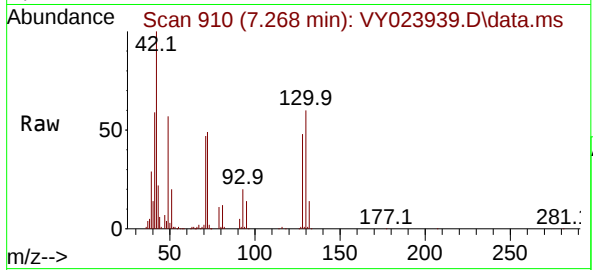




#29
Tetrahydrofuran
Concen: 276.662 ug/l
RT: 7.268 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

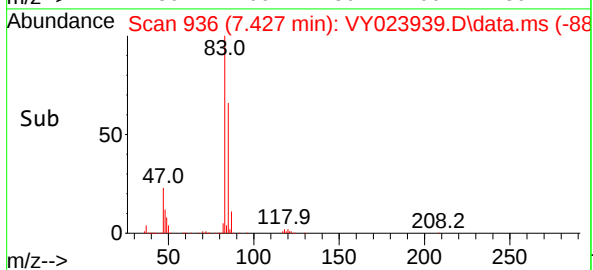
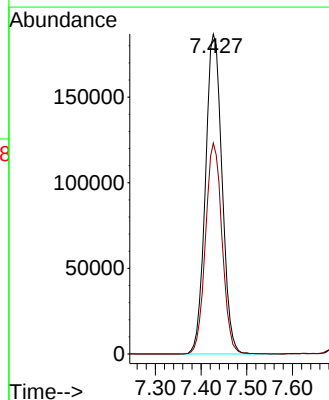
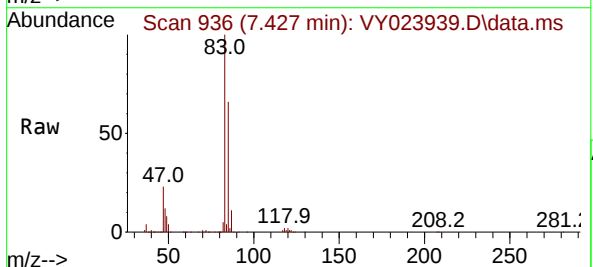
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

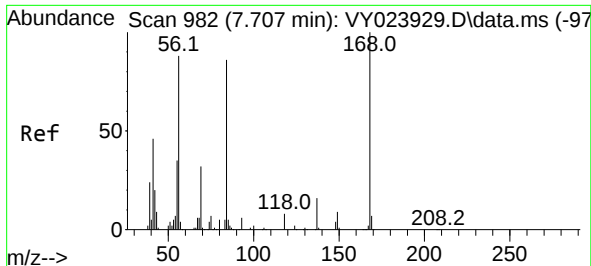
Tgt Ion: 42 Resp: 210977
Ion Ratio Lower Upper
42 100
72 50.7 40.0 60.0
71 47.6 37.7 56.5



#30
Chloroform
Concen: 47.892 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 83 Resp: 471810
Ion Ratio Lower Upper
83 100
85 65.9 53.4 80.0

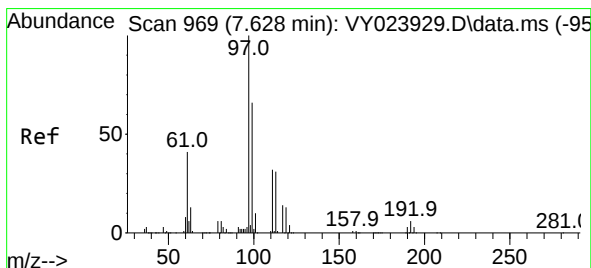
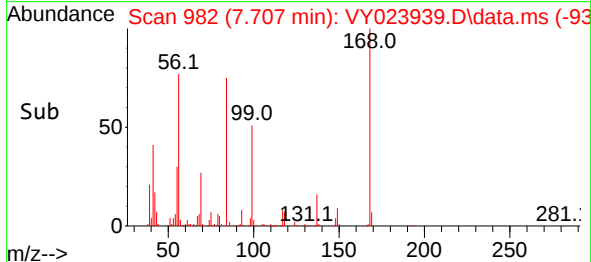
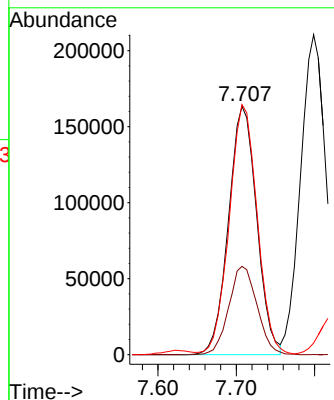
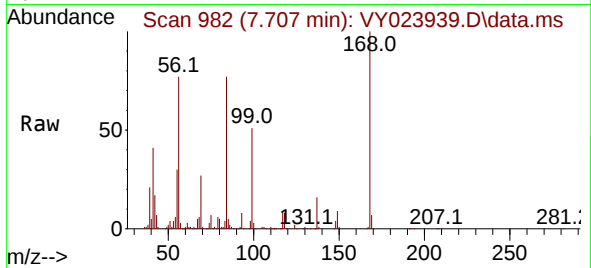




#31
Cyclohexane
Concen: 49.311 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

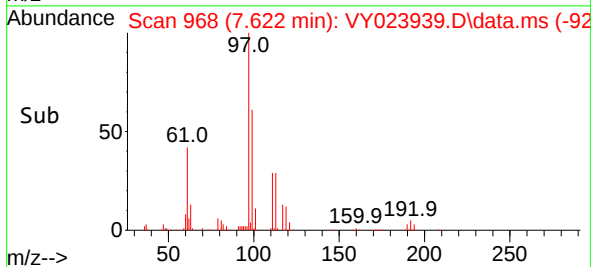
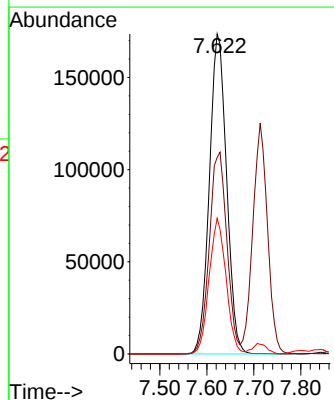
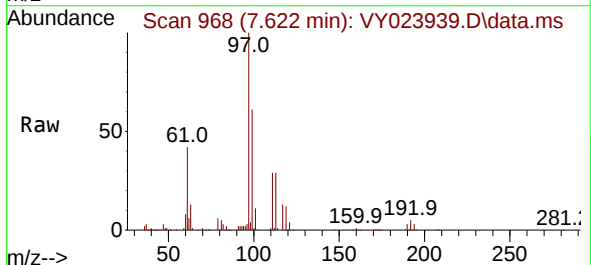
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

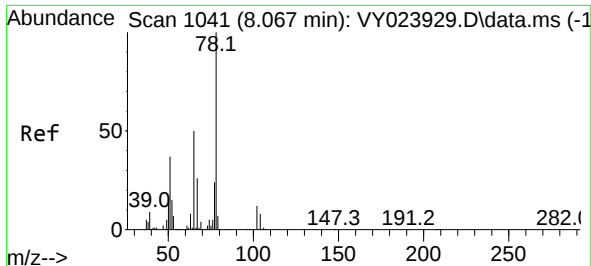
Tgt Ion: 56 Resp: 409171
Ion Ratio Lower Upper
56 100
69 35.5 29.1 43.7
84 99.1 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 48.298 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 97 Resp: 441234
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 41.6 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 50.731 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

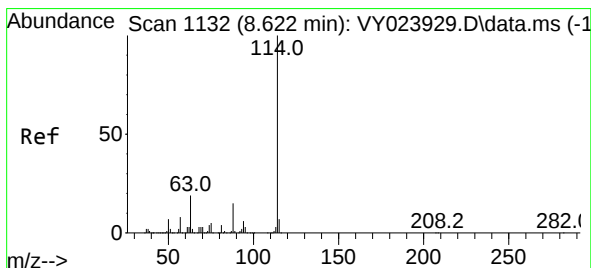
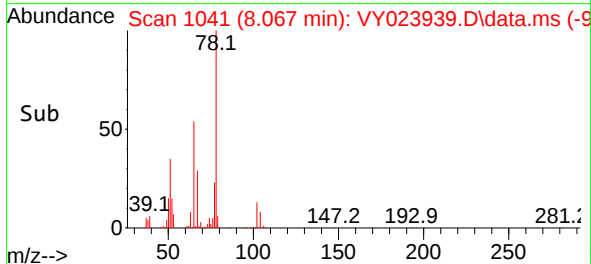
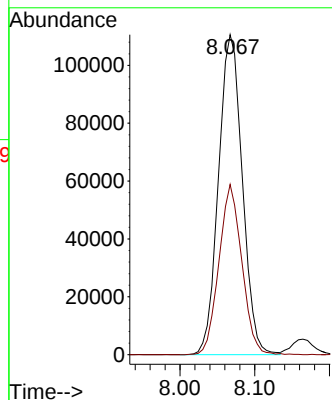
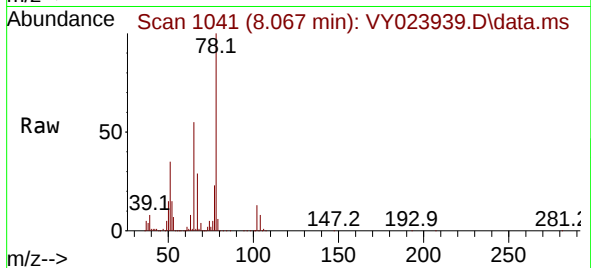
VSTDCCC050

Tgt Ion: 65 Resp: 245457

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

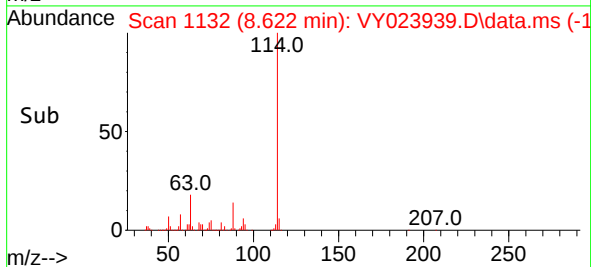
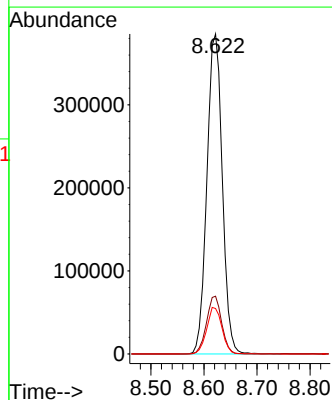
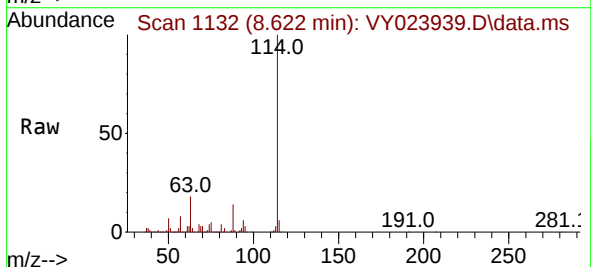
Tgt Ion: 114 Resp: 774590

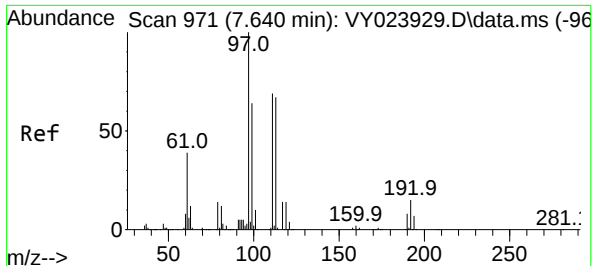
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.2

88 14.2 0.0 29.4

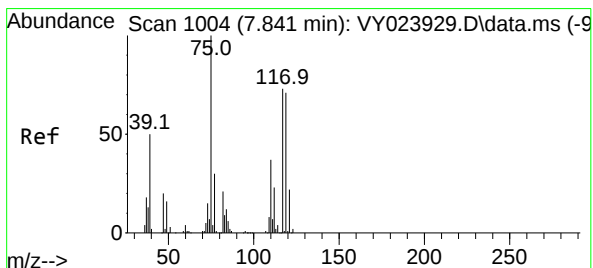
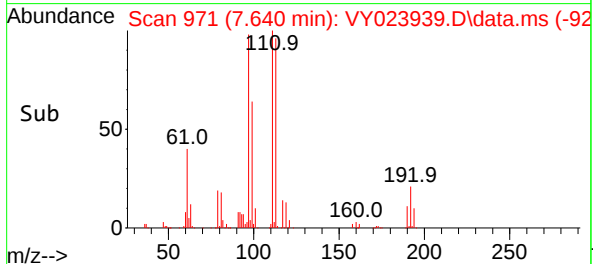
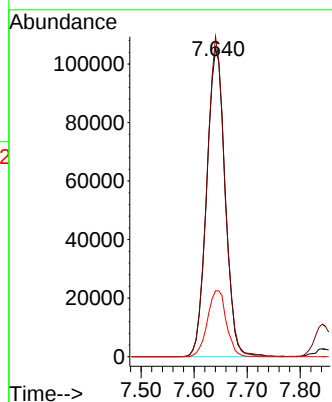
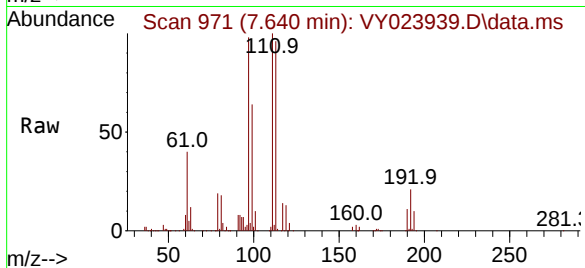




#35
Dibromofluoromethane
Concen: 50.144 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

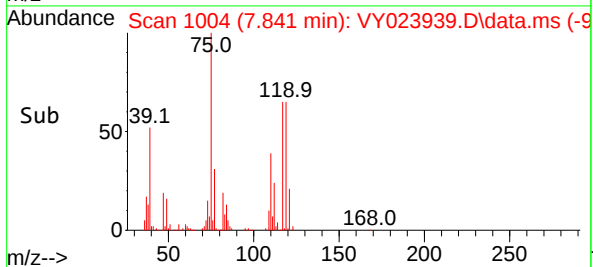
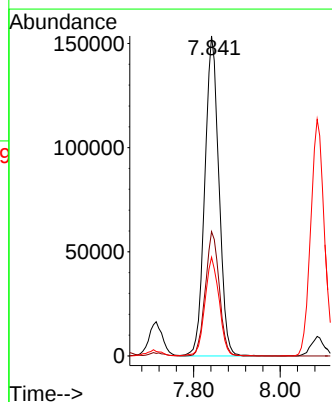
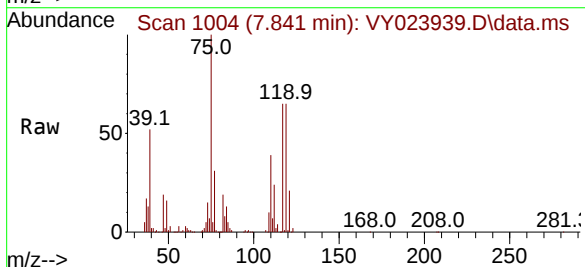
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

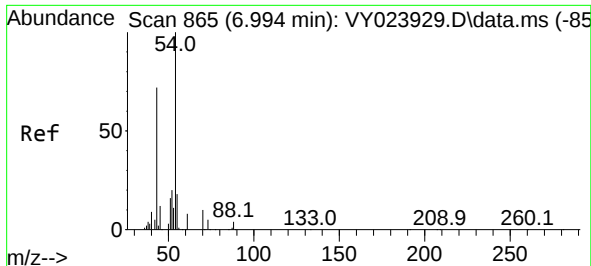
Tgt Ion:113 Resp: 253898
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 22.0 17.9 26.9



#36
1,1-Dichloropropene
Concen: 50.449 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 75 Resp: 347767
Ion Ratio Lower Upper
75 100
110 38.3 19.2 57.6
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 52.579 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

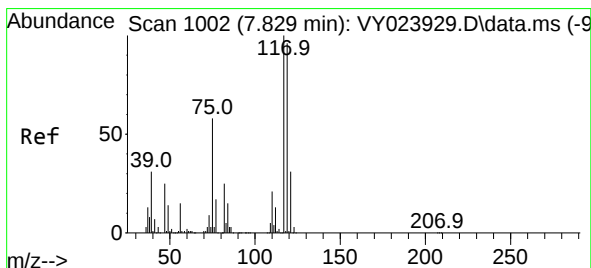
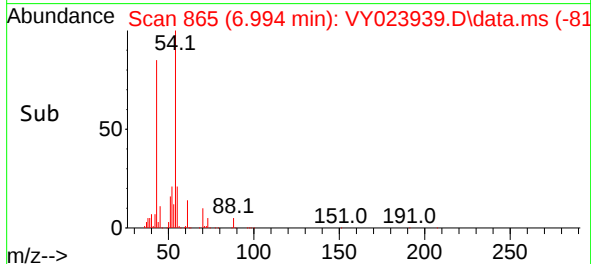
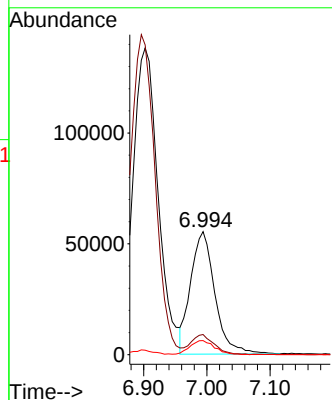
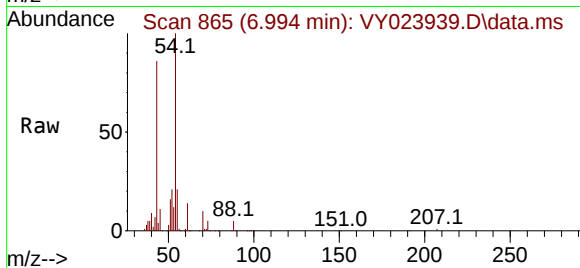
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 147592

Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.9	17.9
70	11.5	9.2	13.8



#38

Carbon Tetrachloride

Concen: 49.445 ug/l

RT: 7.823 min Scan# 1001

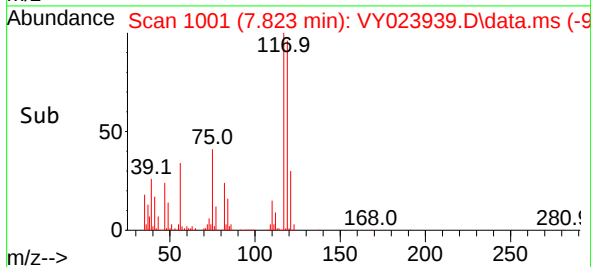
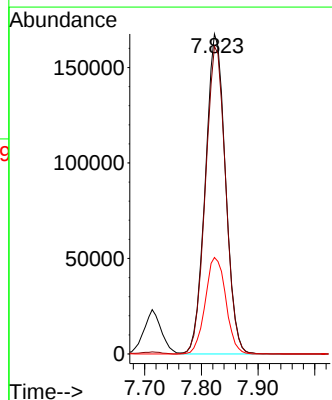
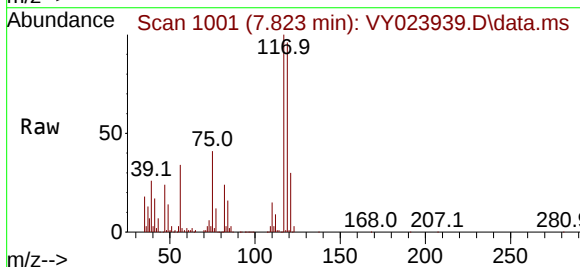
Delta R.T. -0.006 min

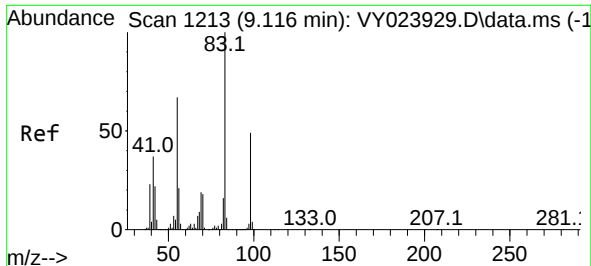
Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Tgt Ion: 117 Resp: 413133

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	114.8
121	30.2	24.8	37.2





#39

Methylcyclohexane

Concen: 51.732 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

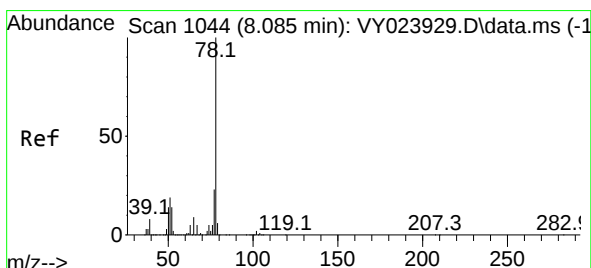
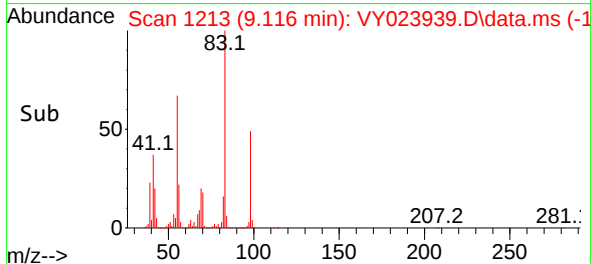
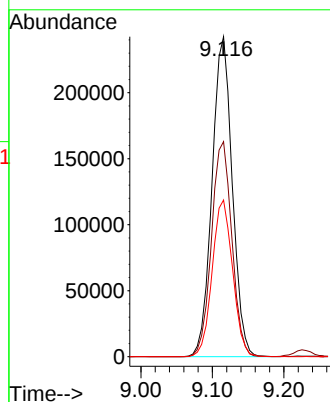
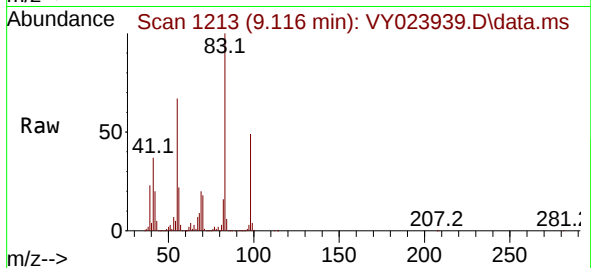
Tgt Ion: 83 Resp: 476438

Ion Ratio Lower Upper

83 100

55 67.2 53.4 80.0

98 49.0 39.2 58.8



#40

Benzene

Concen: 49.686 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023939.D

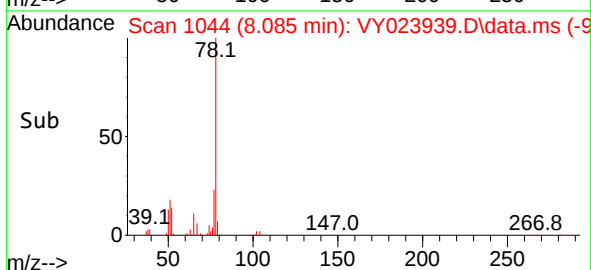
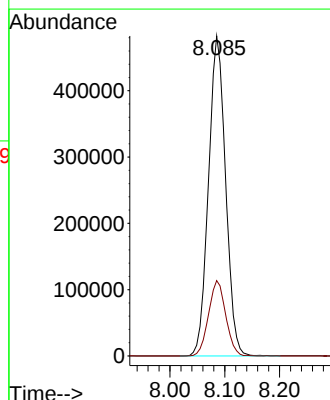
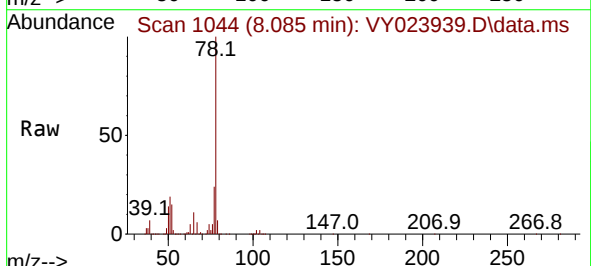
Acq: 11 Dec 2025 07:51

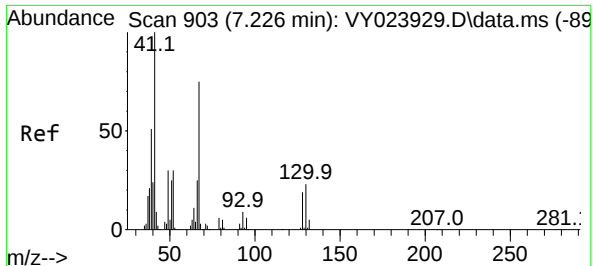
Tgt Ion: 78 Resp: 1043011

Ion Ratio Lower Upper

78 100

77 23.5 18.3 27.5



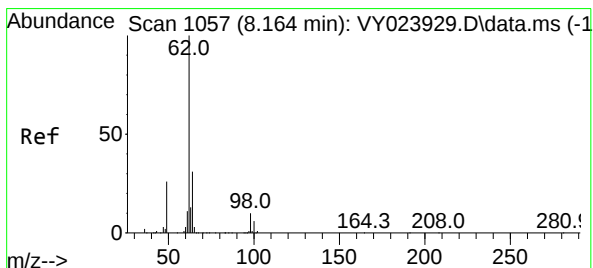
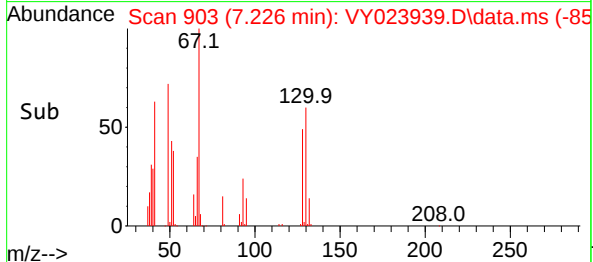
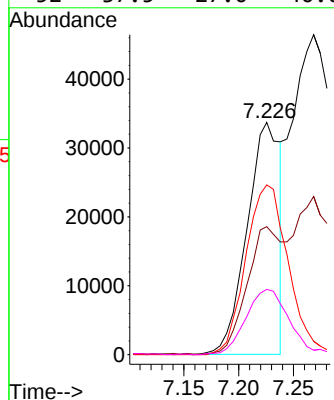
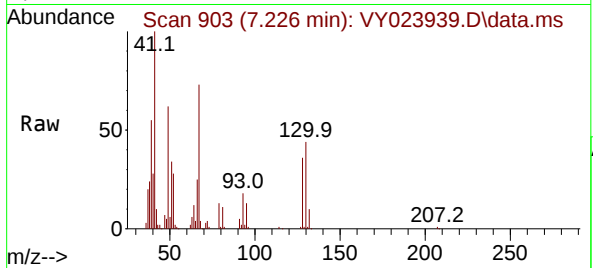


#41
Methacrylonitrile
Concen: 45.742 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 70637

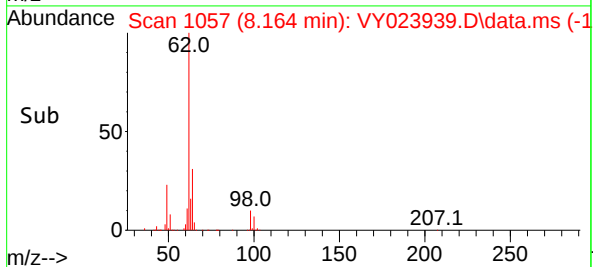
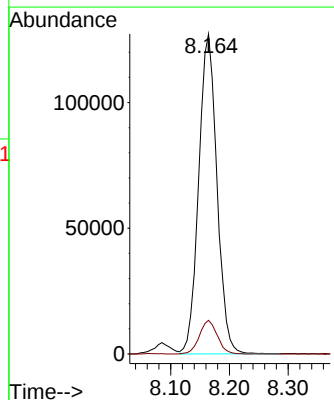
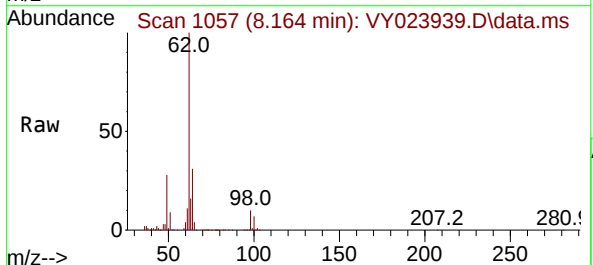
Ion	Ratio	Lower	Upper
41	100		
39	54.6	50.6	75.8
67	94.6	68.0	102.0
52	37.5	27.0	40.6

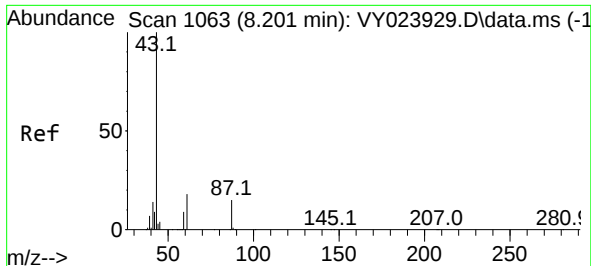


#42
1,2-Dichloroethane
Concen: 49.854 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 62 Resp: 274440

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8

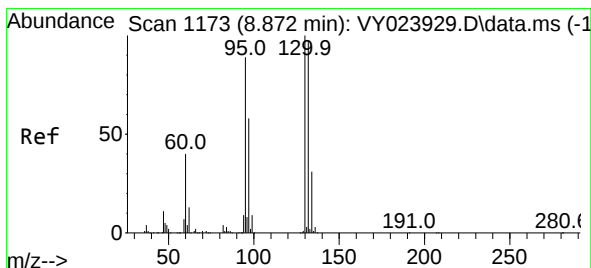
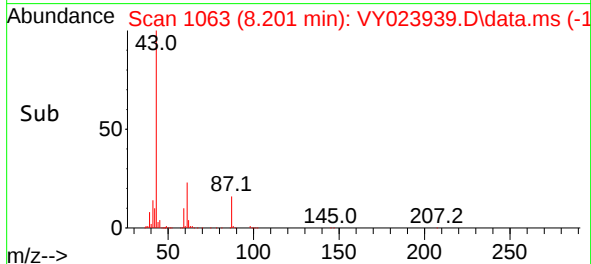
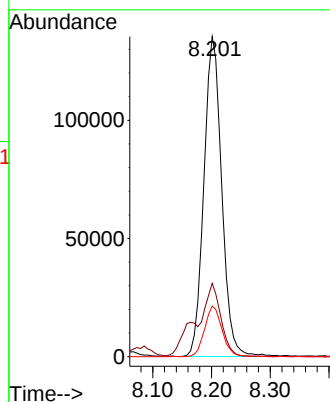
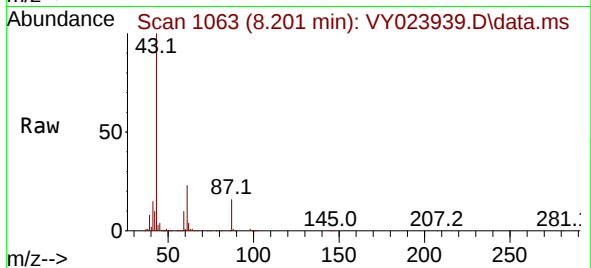




#43
Isopropyl Acetate
Concen: 54.002 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

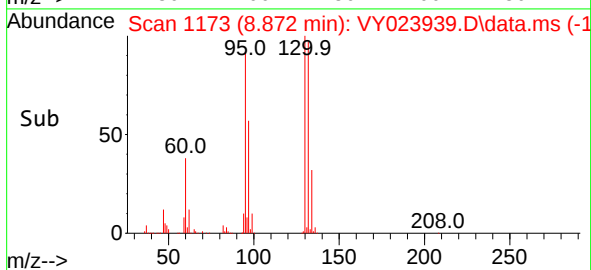
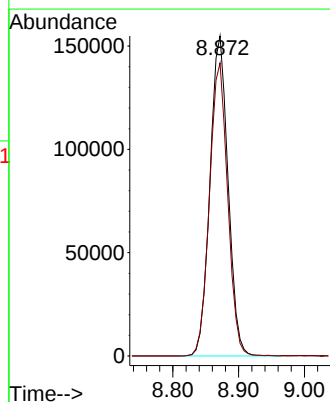
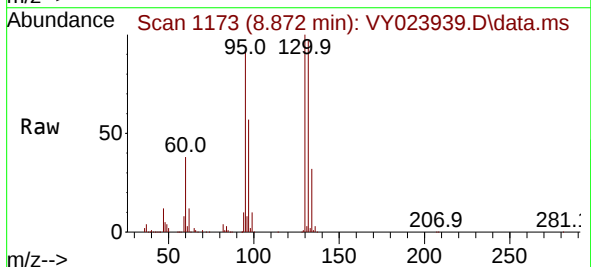
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

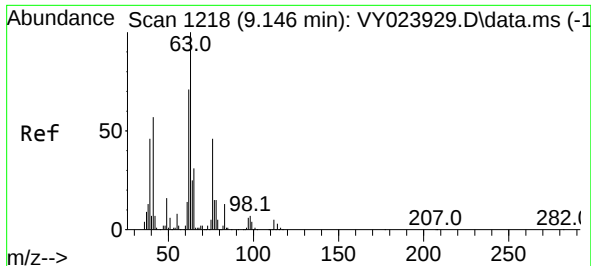
Tgt Ion: 43 Resp: 285491
Ion Ratio Lower Upper
43 100
61 21.1 17.4 26.2
87 15.6 12.3 18.5



#44
Trichloroethene
Concen: 48.763 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion:130 Resp: 296808
Ion Ratio Lower Upper
130 100
95 91.6 0.0 178.8





#45

1,2-Dichloropropane

Concen: 48.979 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

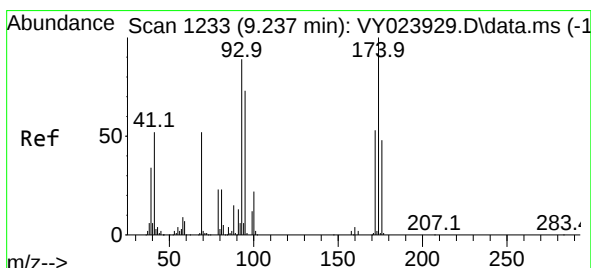
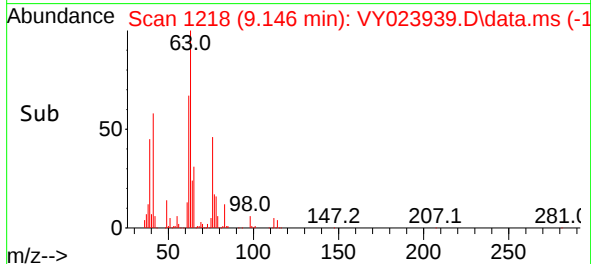
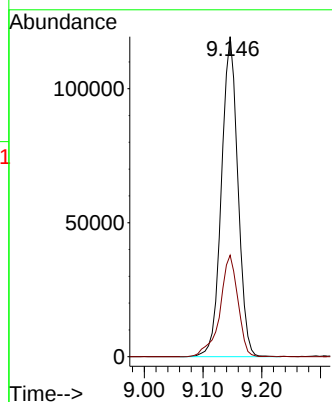
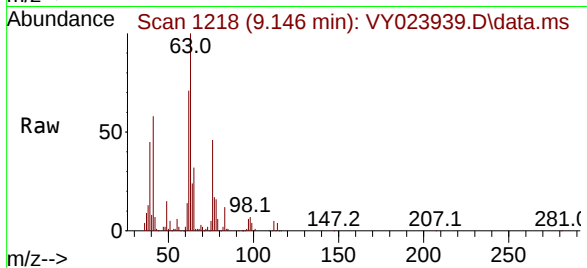
VSTDCCC050

Tgt Ion: 63 Resp: 231977

Ion Ratio Lower Upper

63 100

65 31.7 25.1 37.7



#46

Dibromomethane

Concen: 51.617 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

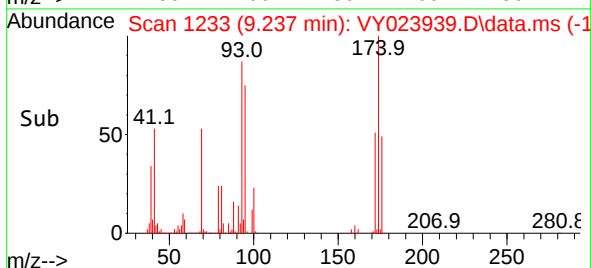
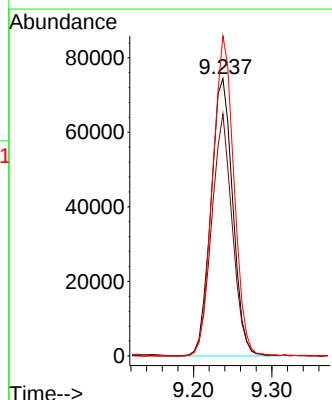
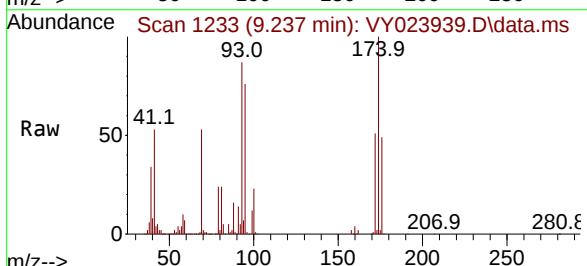
Tgt Ion: 93 Resp: 143990

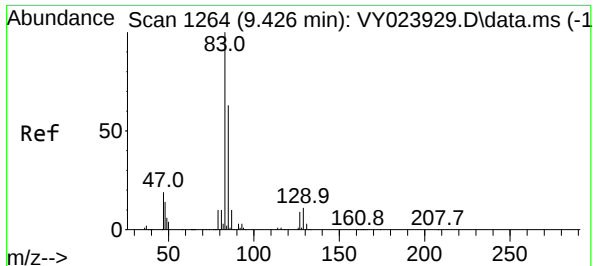
Ion Ratio Lower Upper

93 100

95 82.3 65.1 97.7

174 112.7 90.6 136.0





#47

Bromodichloromethane

Concen: 49.472 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

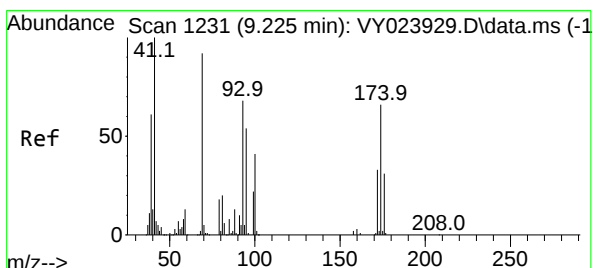
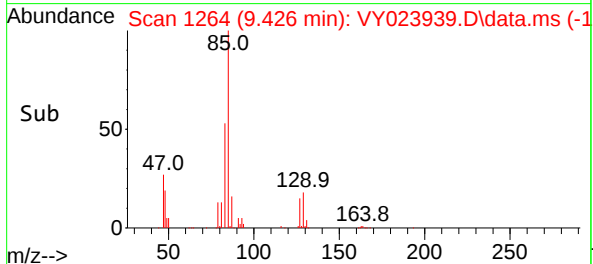
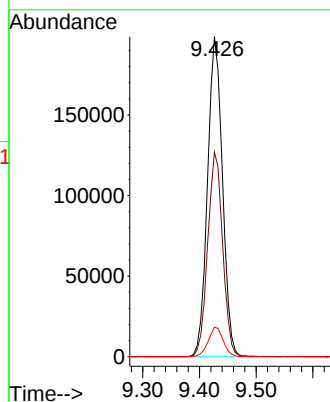
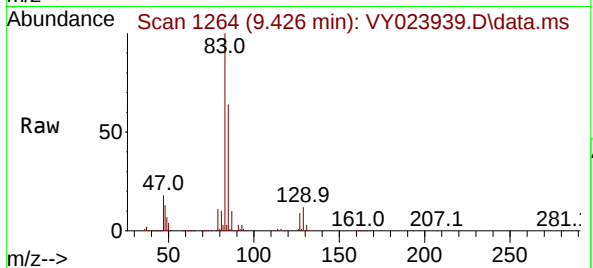
Tgt Ion: 83 Resp: 363050

Ion Ratio Lower Upper

83 100

85 63.9 50.7 76.1

127 9.3 7.0 10.4



#48

Methyl methacrylate

Concen: 55.390 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

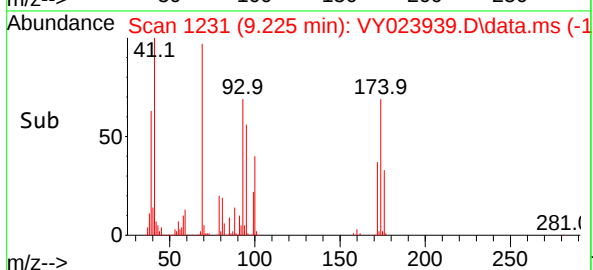
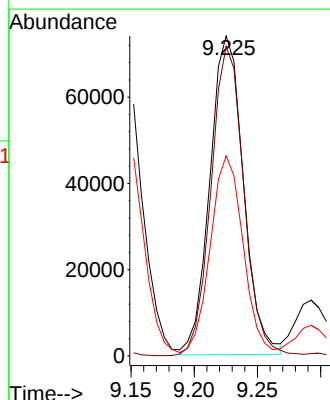
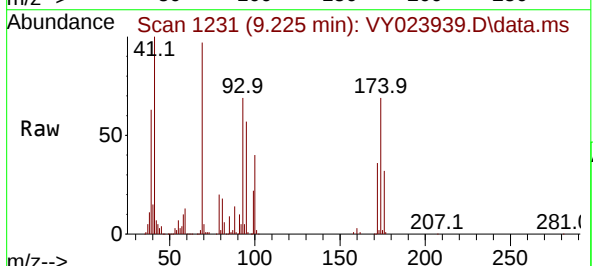
Tgt Ion: 41 Resp: 136321

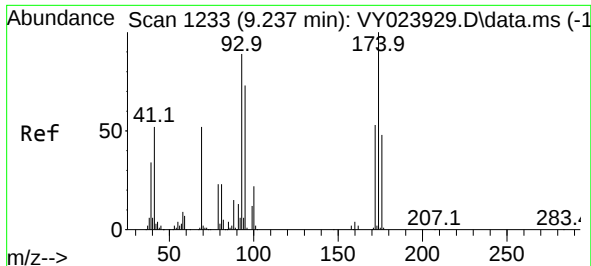
Ion Ratio Lower Upper

41 100

69 94.8 74.7 112.1

39 59.6 47.4 71.2





#49

1,4-Dioxane

Concen: 1087.841 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

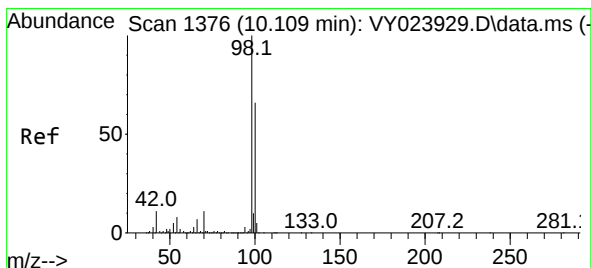
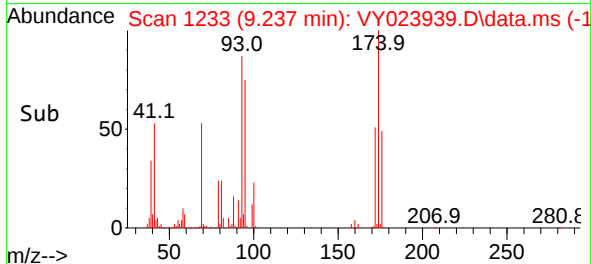
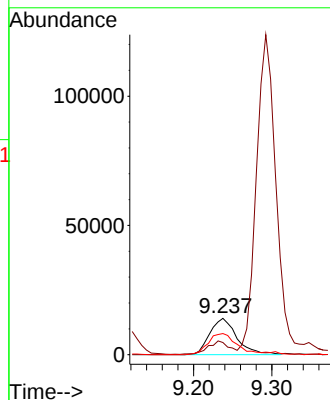
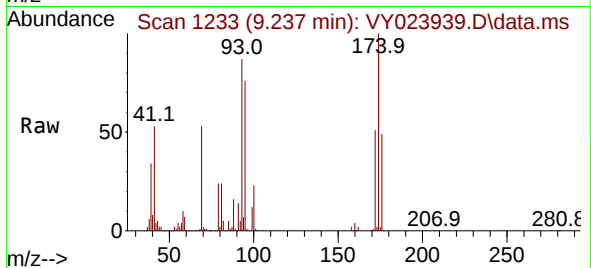
Tgt Ion: 88 Resp: 33831

Ion Ratio Lower Upper

88 100

43 28.5 22.3 33.5

58 61.0 52.3 78.5



#50

Toluene-d8

Concen: 50.163 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023939.D

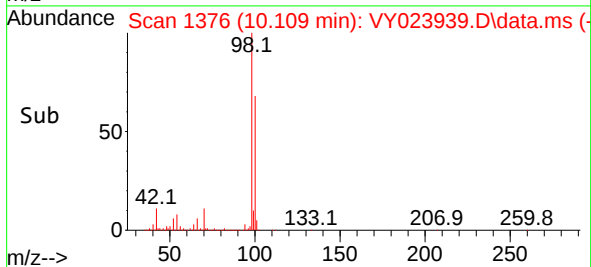
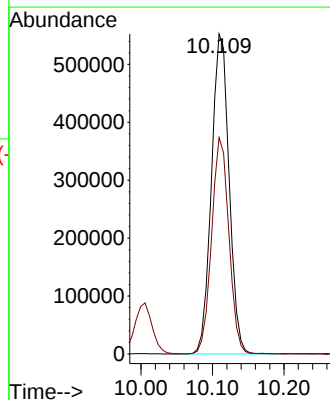
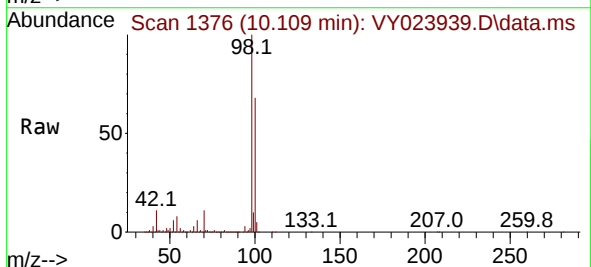
Acq: 11 Dec 2025 07:51

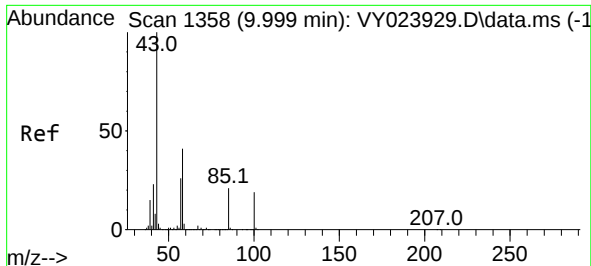
Tgt Ion: 98 Resp: 945655

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 279.237 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

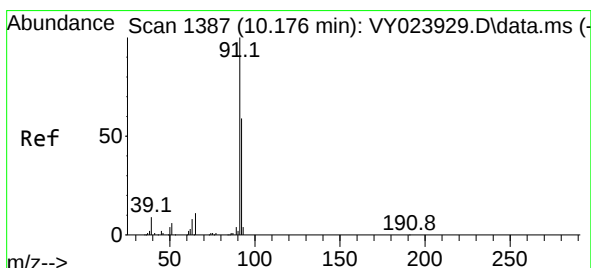
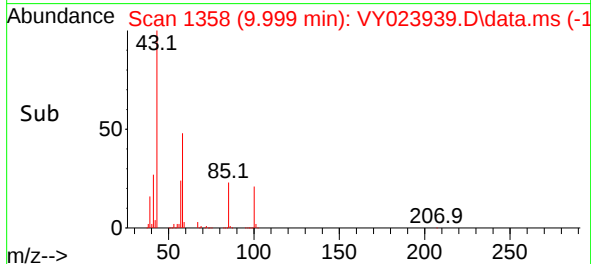
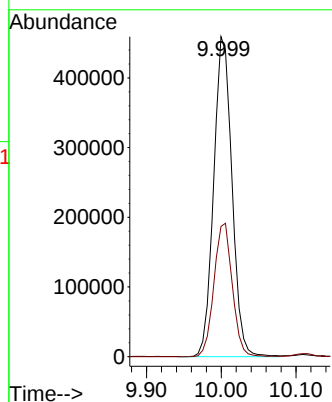
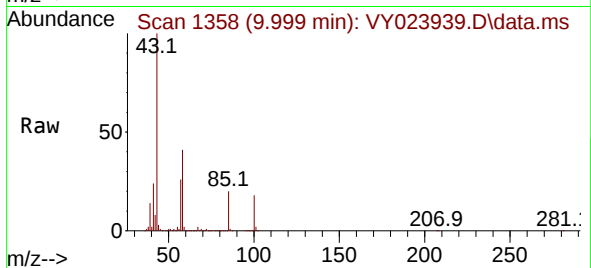
VSTDCCC050

Tgt Ion: 43 Resp: 782166

Ion Ratio Lower Upper

43 100

58 41.8 33.1 49.7



#52

Toluene

Concen: 49.993 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY023939.D

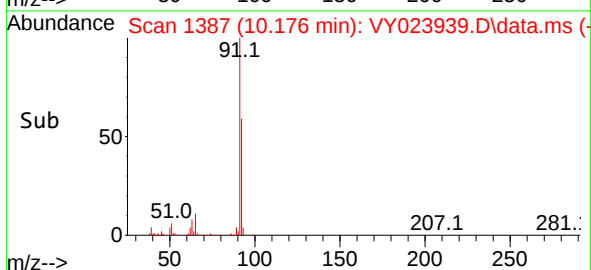
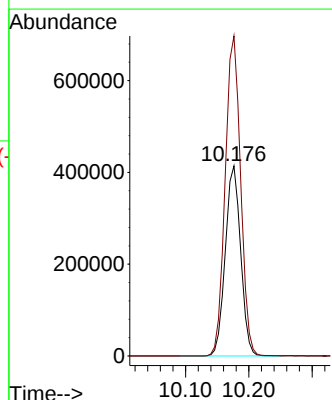
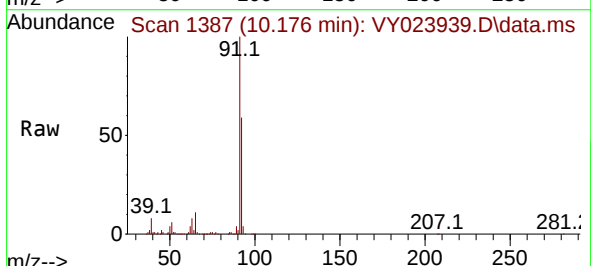
Acq: 11 Dec 2025 07:51

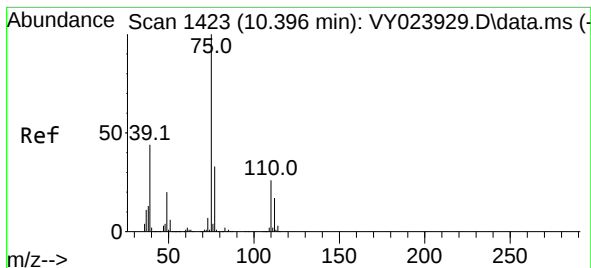
Tgt Ion: 92 Resp: 694441

Ion Ratio Lower Upper

92 100

91 169.5 135.8 203.6

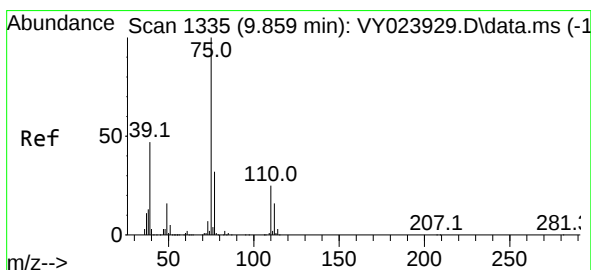
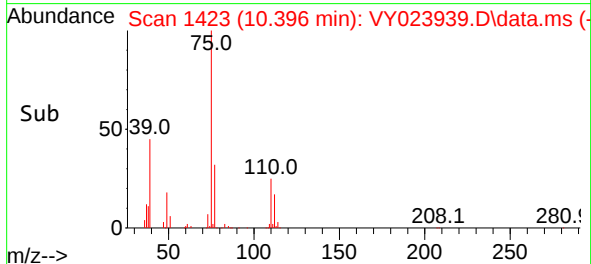
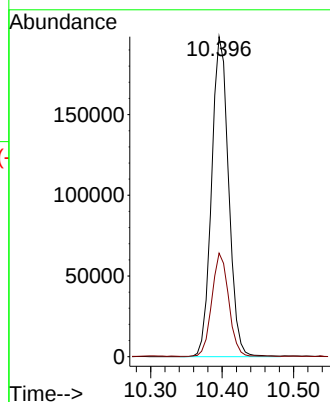
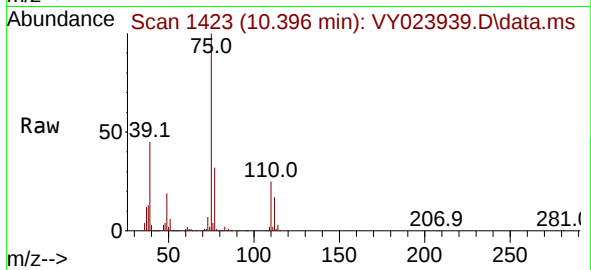




#53
t-1,3-Dichloropropene
Concen: 51.676 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

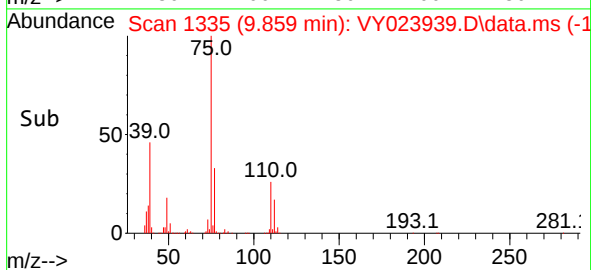
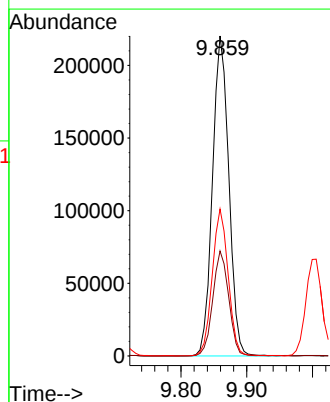
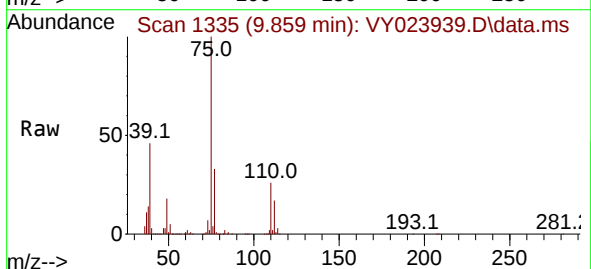
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

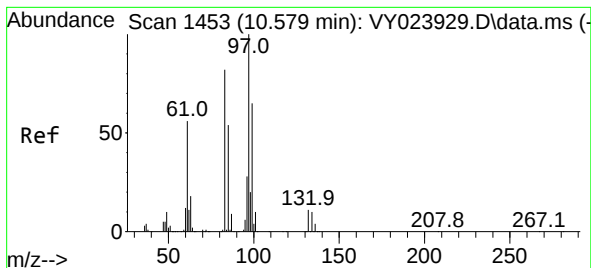
Tgt Ion: 75 Resp: 327710
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 51.042 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 75 Resp: 381432
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 45.9 37.6 56.4



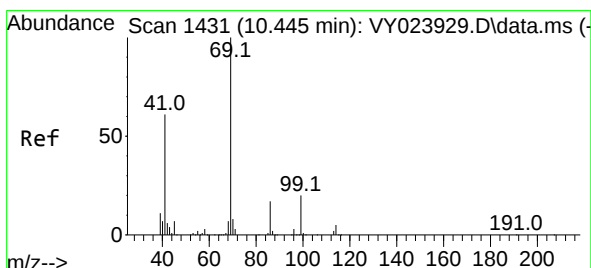
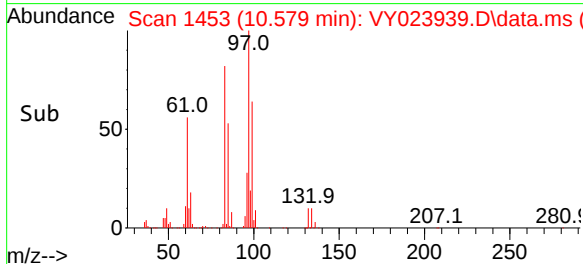
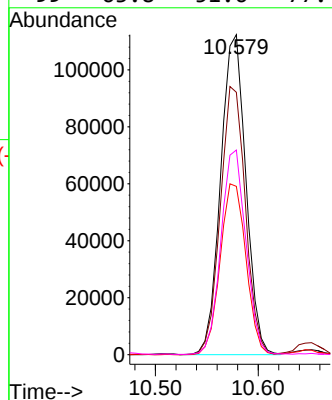
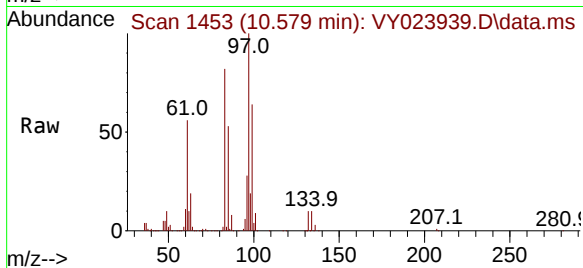


#55
1,1,2-Trichloroethane
Concen: 49.902 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 191596

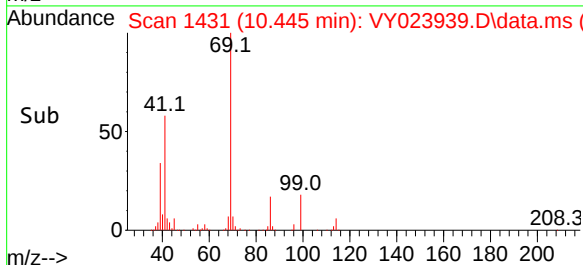
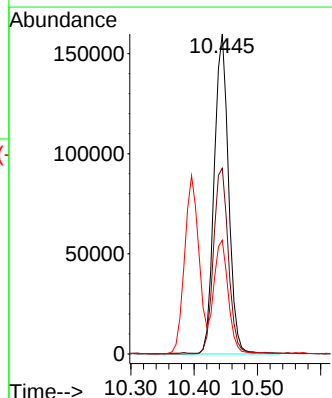
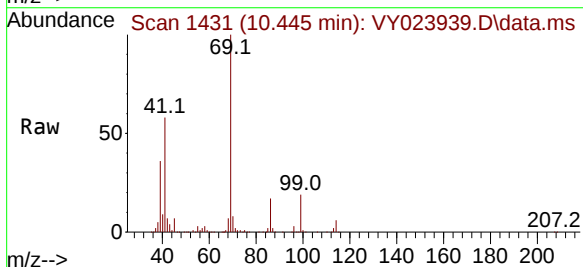
Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.8	98.6
85	52.6	43.1	64.7
99	63.8	51.6	77.4

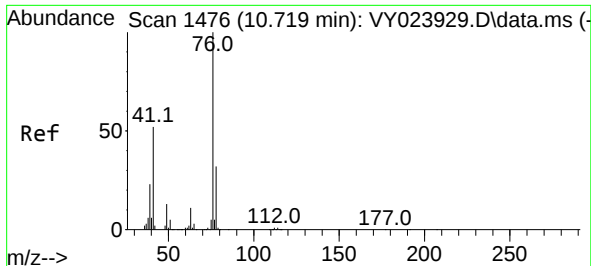


#56
Ethyl methacrylate
Concen: 55.408 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 69 Resp: 252199

Ion	Ratio	Lower	Upper
69	100		
41	59.8	49.0	73.4
39	35.0	29.1	43.7





#57

1,3-Dichloropropane

Concen: 50.931 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

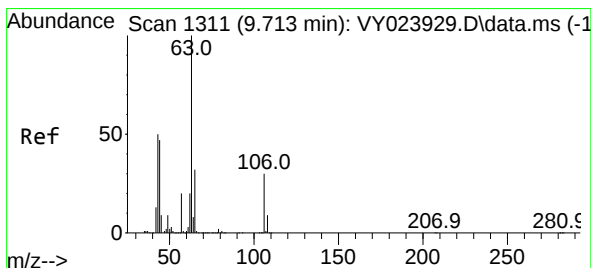
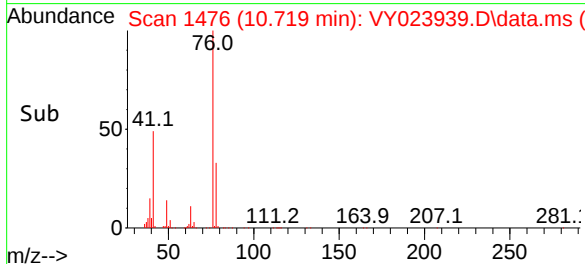
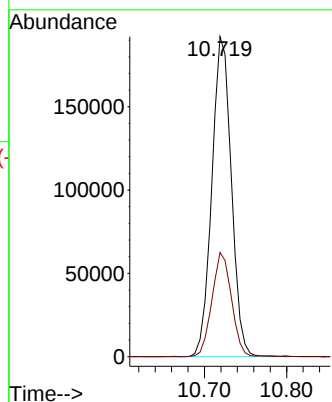
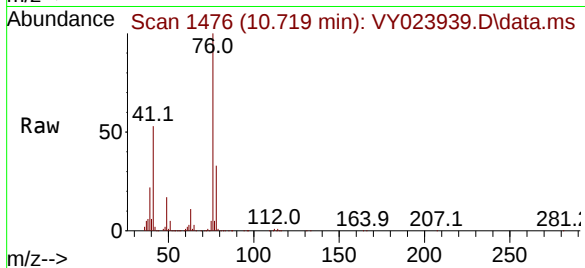
VSTDCCC050

Tgt Ion: 76 Resp: 316268

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 239.837 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023939.D

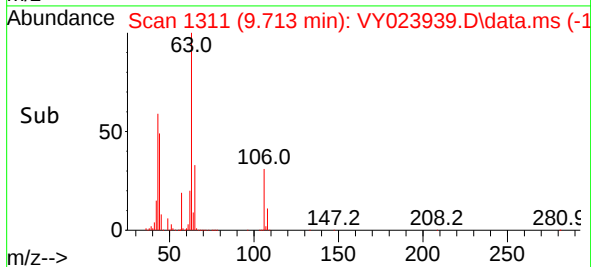
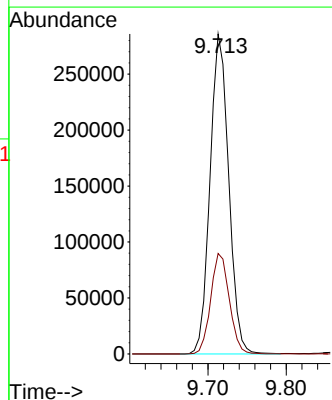
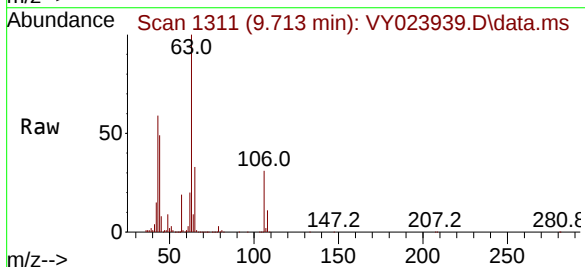
Acq: 11 Dec 2025 07:51

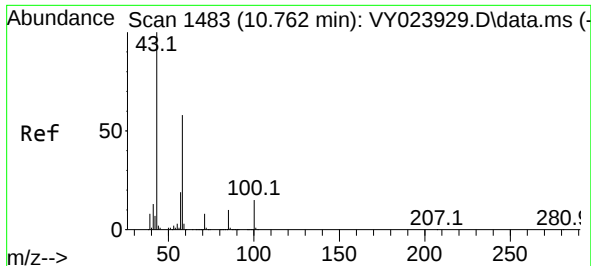
Tgt Ion: 63 Resp: 472866

Ion Ratio Lower Upper

63 100

106 31.3 25.2 37.8

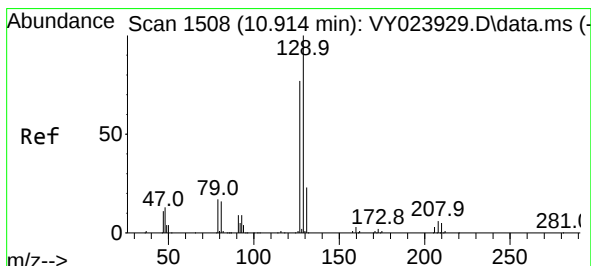
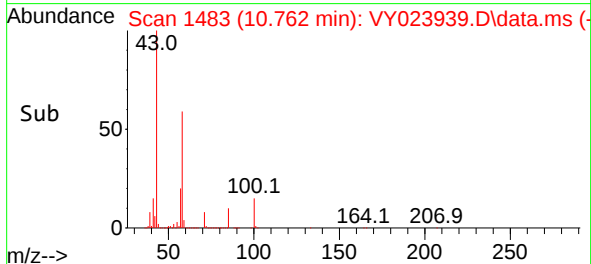
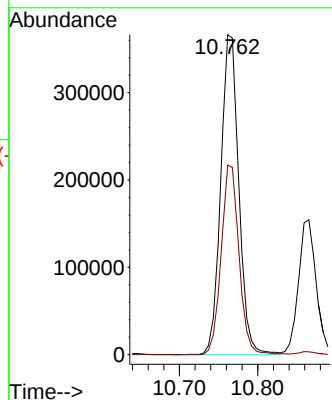
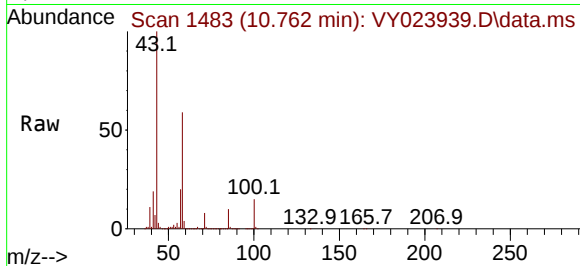




#59
2-Hexanone
Concen: 275.992 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

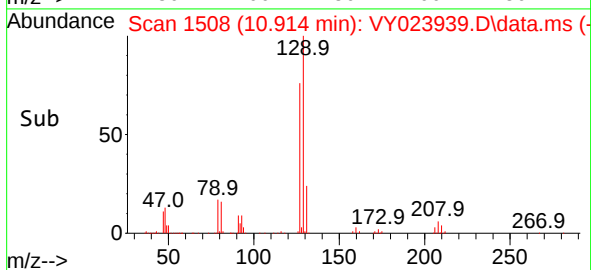
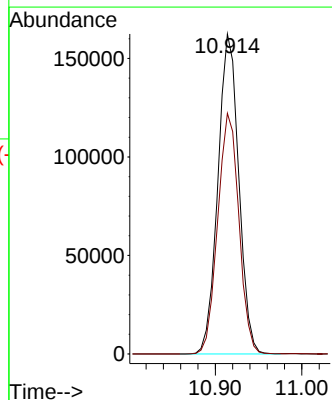
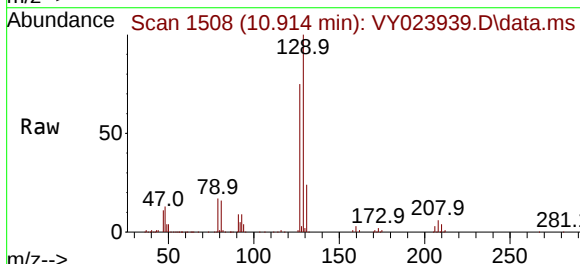
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

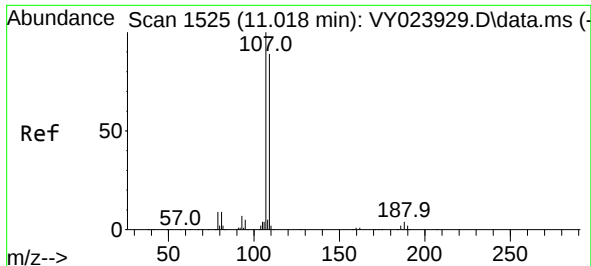
Tgt Ion: 43 Resp: 586733
Ion Ratio Lower Upper
43 100
58 58.6 29.0 87.0



#60
Dibromochloromethane
Concen: 51.091 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 129 Resp: 271588
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5

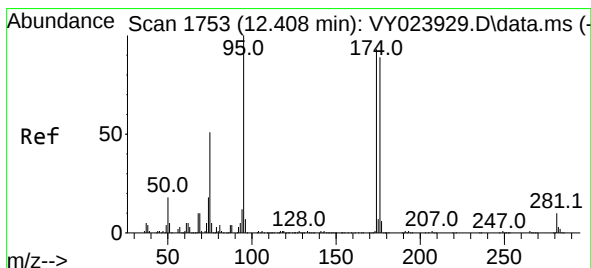
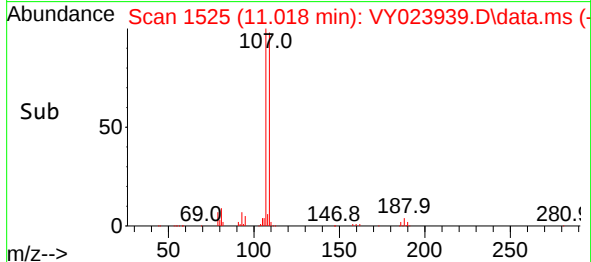
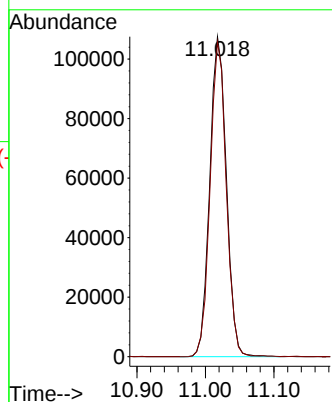
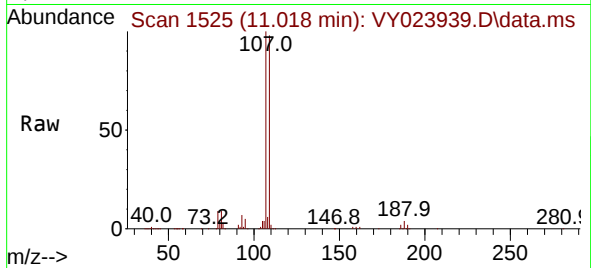




#61
1,2-Dibromoethane
Concen: 51.129 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

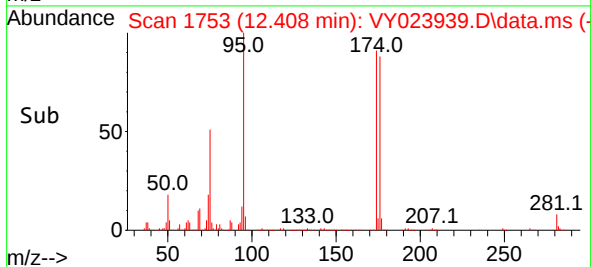
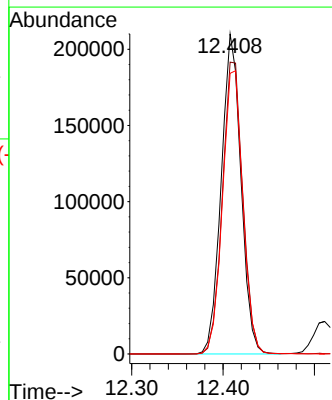
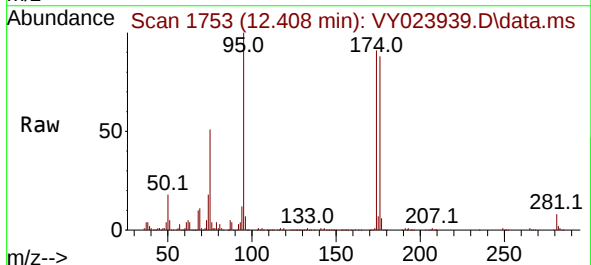
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

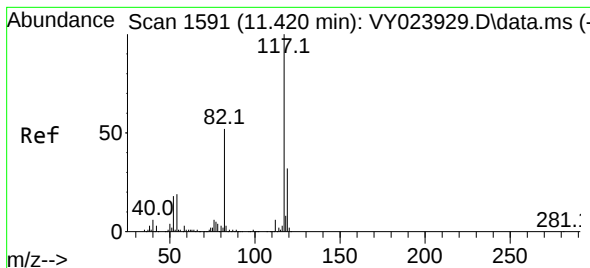
Tgt Ion:107 Resp: 181908
Ion Ratio Lower Upper
107 100
109 95.5 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 50.100 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 95 Resp: 315411
Ion Ratio Lower Upper
95 100
174 94.5 0.0 187.4
176 91.5 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

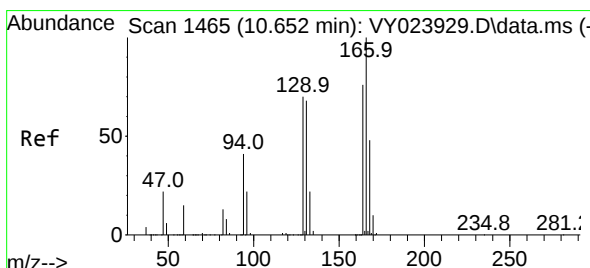
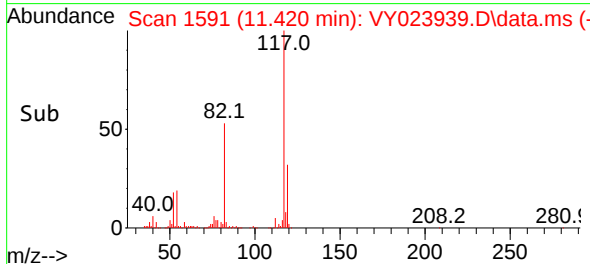
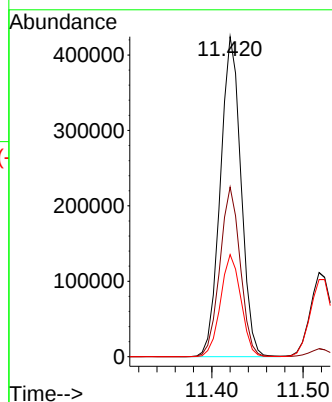
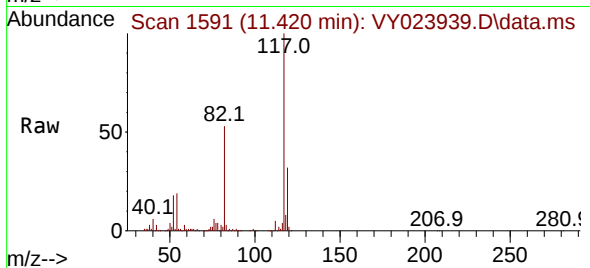
Tgt Ion:117 Resp: 666641

Ion Ratio Lower Upper

117 100

82 53.0 41.4 62.2

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 48.891 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Tgt Ion:164 Resp: 350138

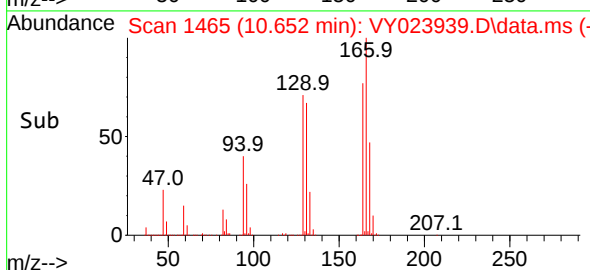
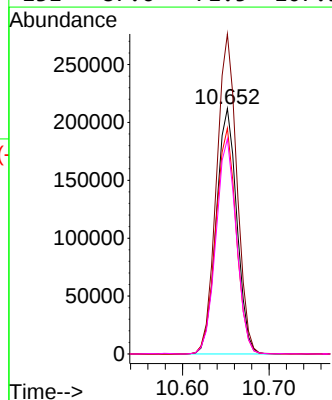
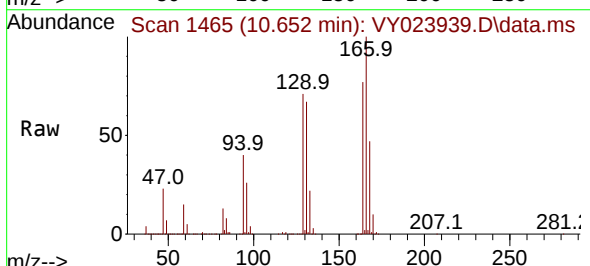
Ion Ratio Lower Upper

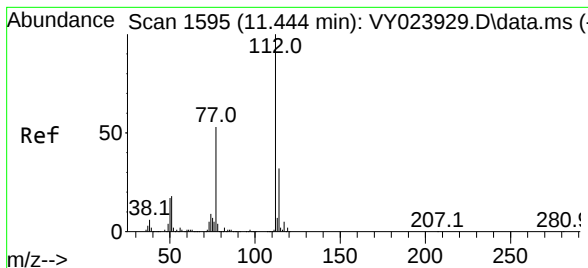
164 100

166 130.4 105.0 157.4

129 92.0 73.0 109.4

131 87.6 71.5 107.3

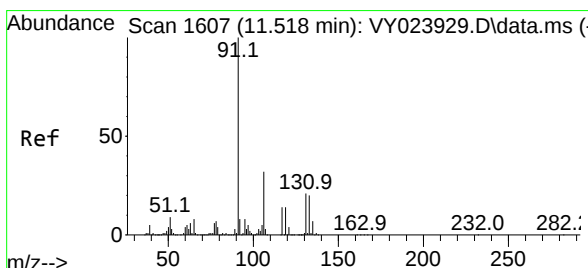
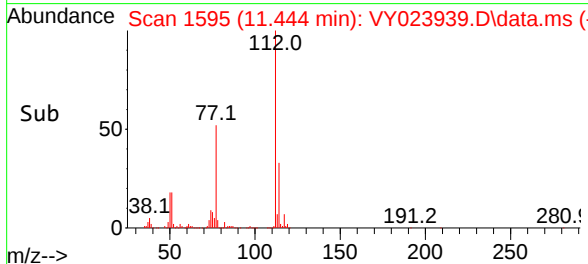
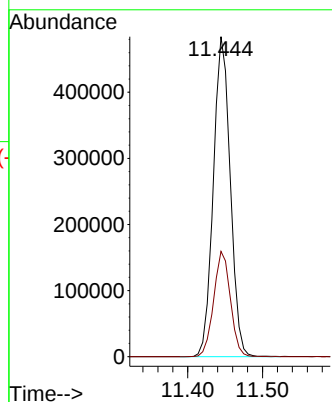
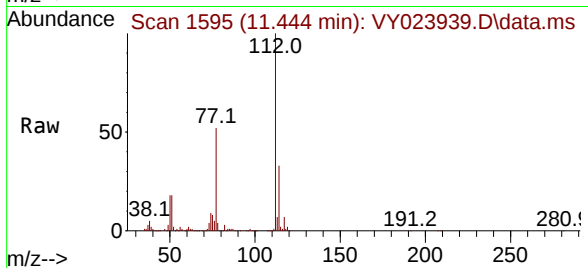




#65
Chlorobenzene
Concen: 49.300 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

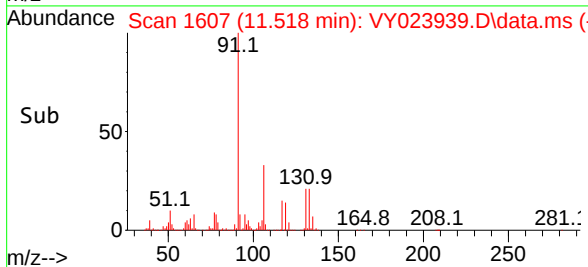
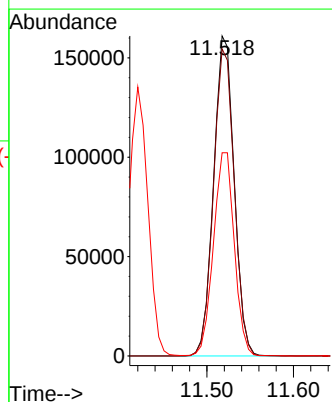
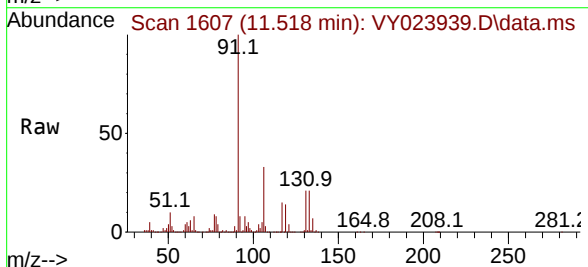
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

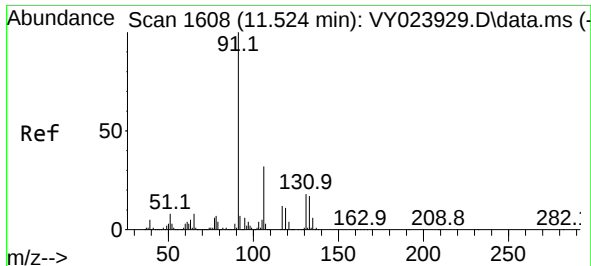
Tgt Ion:112 Resp: 761552
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.991 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion:131 Resp: 265408
Ion Ratio Lower Upper
131 100
133 97.0 48.4 145.3
119 64.7 33.1 99.2

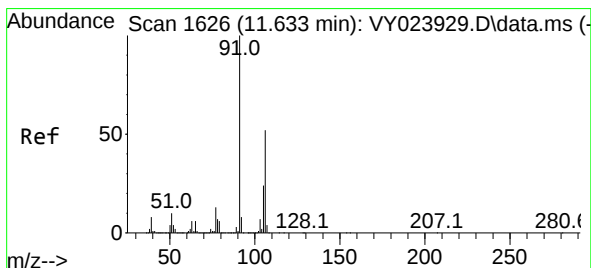
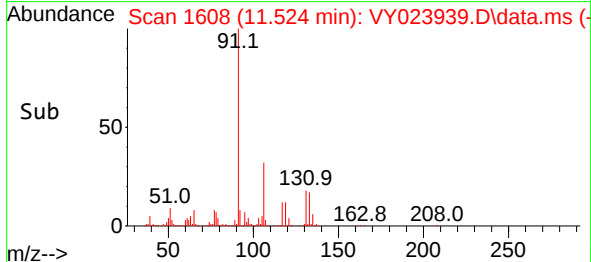
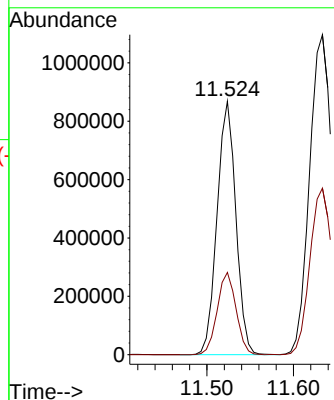
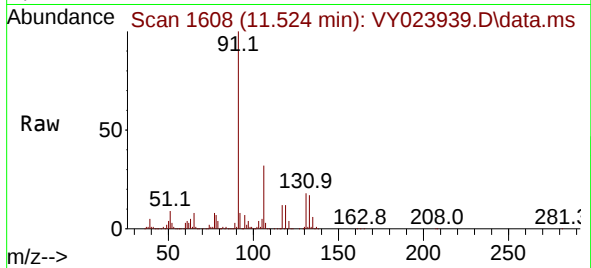




#67
Ethyl Benzene
Concen: 50.577 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

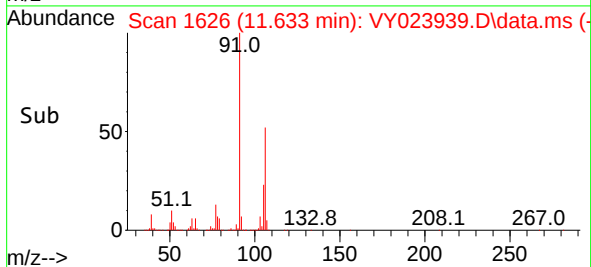
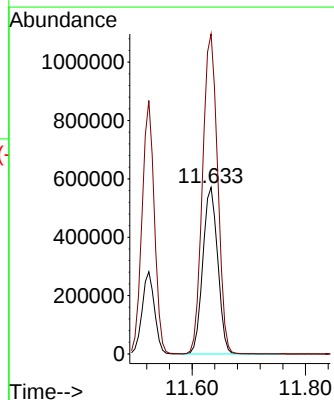
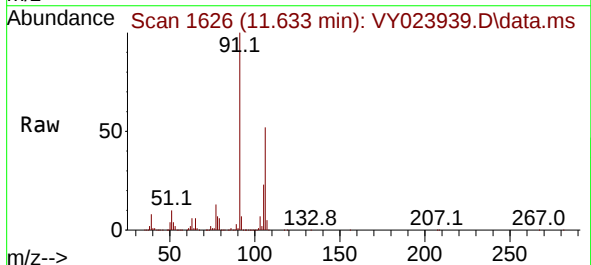
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

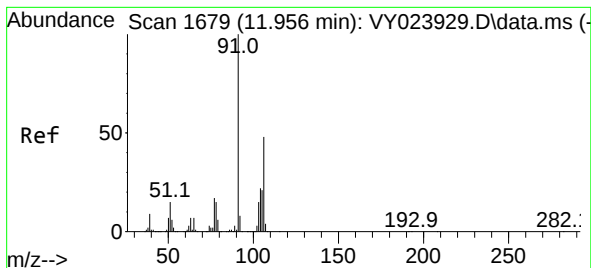
Tgt Ion: 91 Resp: 1309027
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.8



#68
m/p-Xylenes
Concen: 101.245 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion:106 Resp: 1040226
Ion Ratio Lower Upper
106 100
91 194.5 155.0 232.6

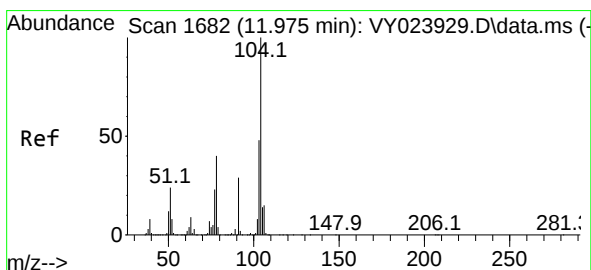
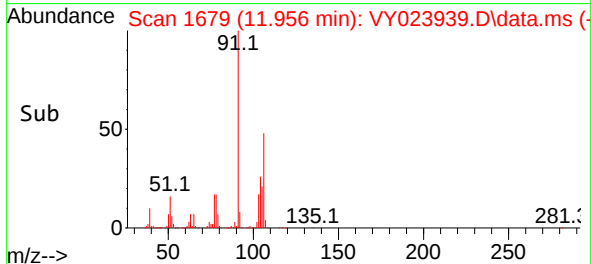
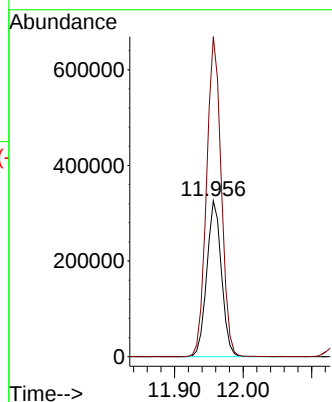
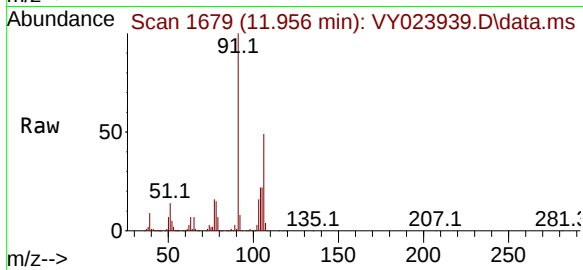




#69
o-Xylene
Concen: 50.579 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

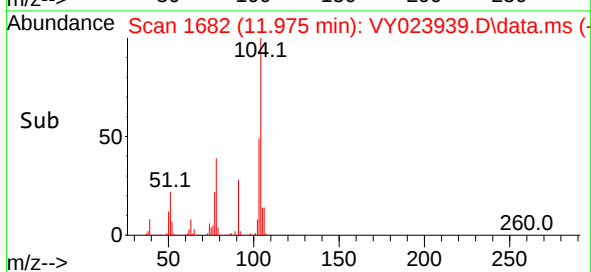
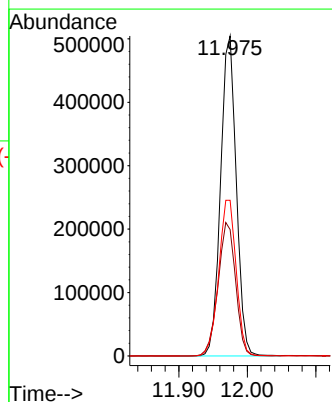
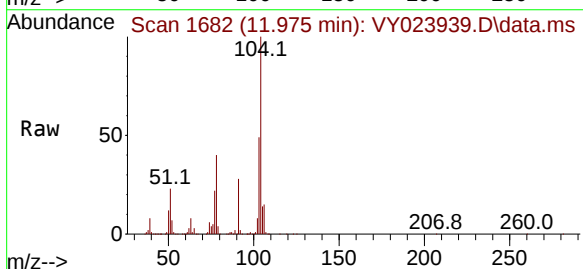
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

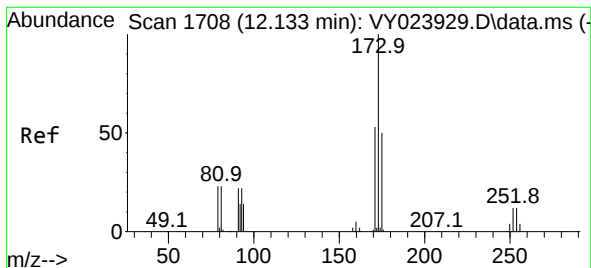
Tgt Ion:106 Resp: 486128
Ion Ratio Lower Upper
106 100
91 205.1 102.1 306.1



#70
Styrene
Concen: 51.518 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion:104 Resp: 799920
Ion Ratio Lower Upper
104 100
78 46.6 37.4 56.0
103 54.2 43.0 64.4





#71

Bromoform

Concen: 52.463 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

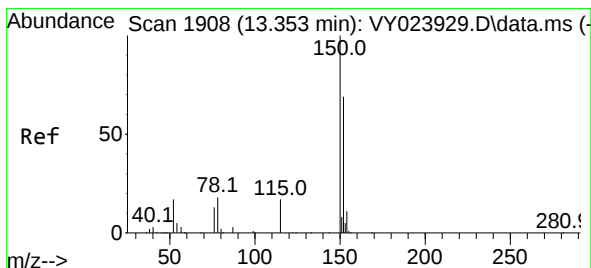
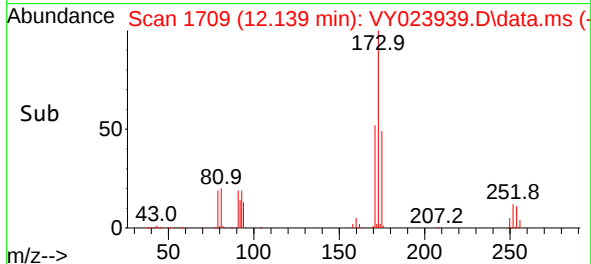
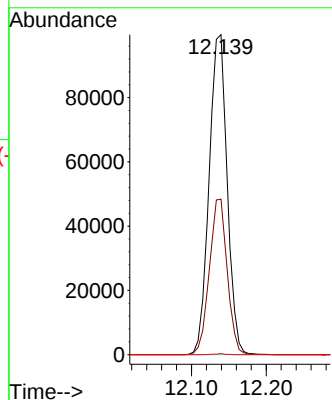
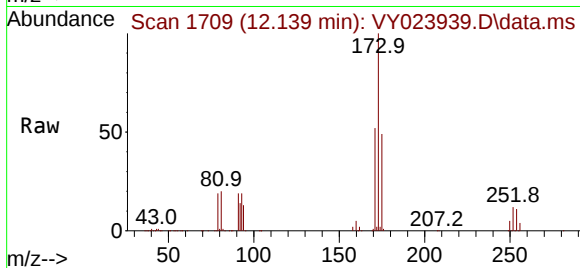
Tgt Ion:173 Resp: 167499

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.6

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

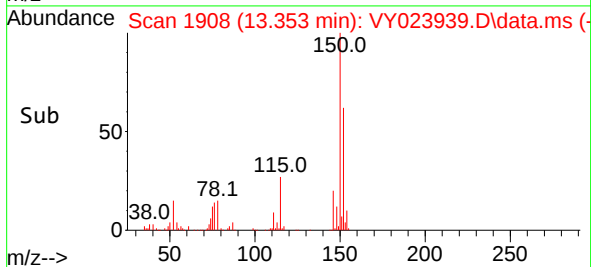
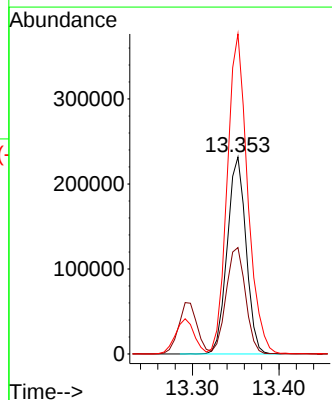
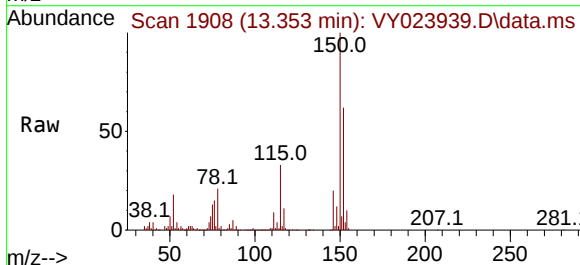
Tgt Ion:152 Resp: 349523

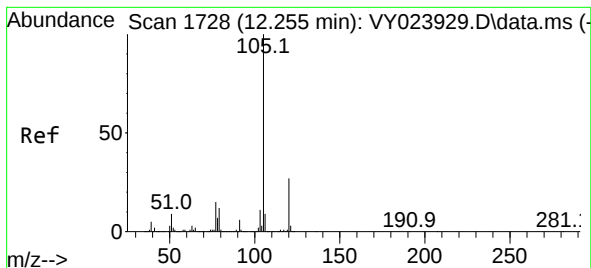
Ion Ratio Lower Upper

152 100

115 55.5 27.3 81.9

150 176.1 0.0 347.6





#73

Isopropylbenzene

Concen: 50.394 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

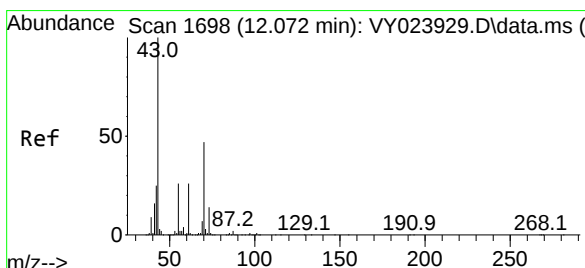
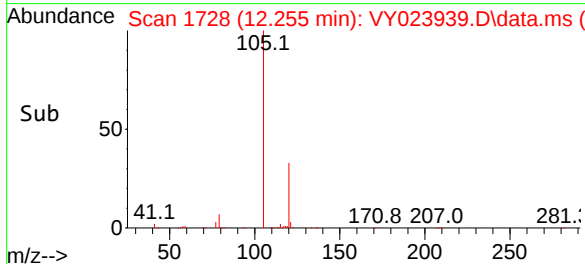
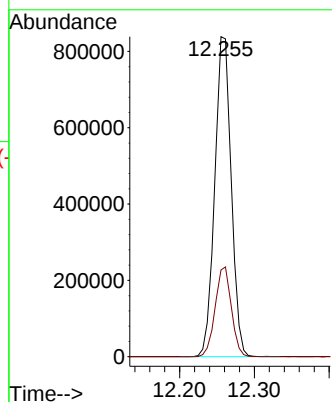
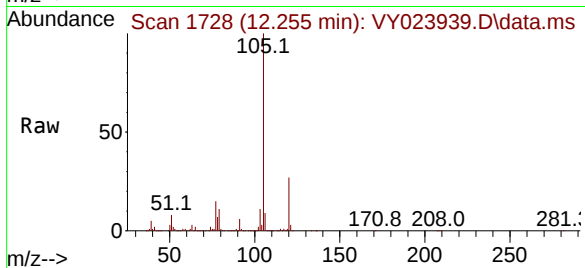
VSTDCCC050

Tgt Ion:105 Resp: 1287243

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.0



#74

N-ethyl acetate

Concen: 57.131 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Tgt Ion: 43 Resp: 258851

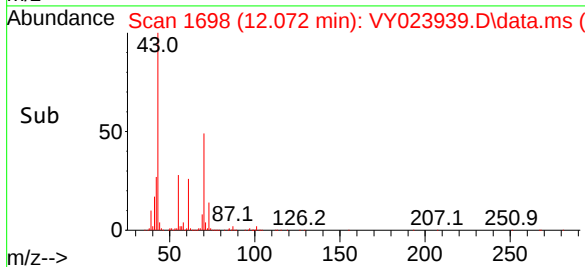
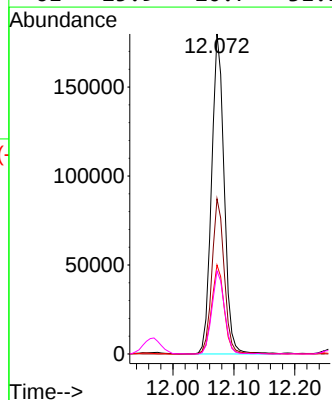
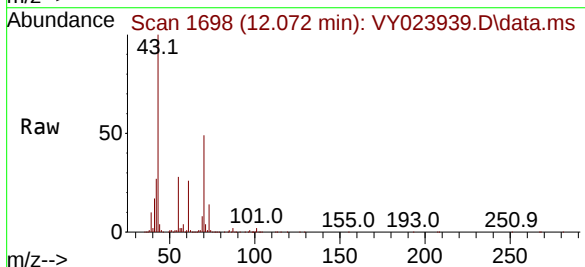
Ion Ratio Lower Upper

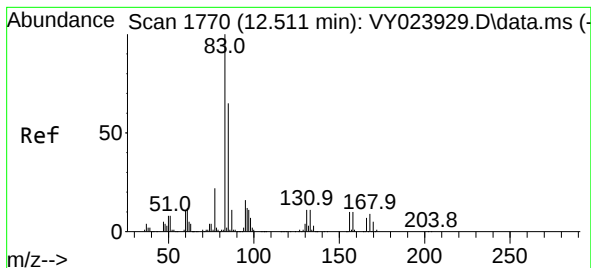
43 100

70 47.3 37.4 56.0

55 27.6 21.6 32.4

61 25.9 20.7 31.1

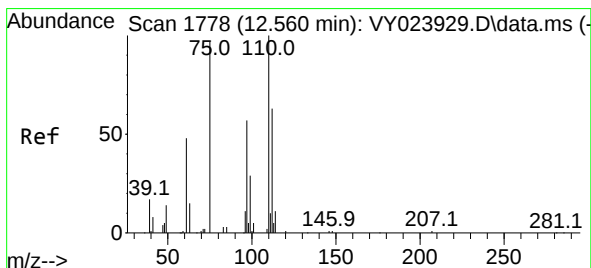
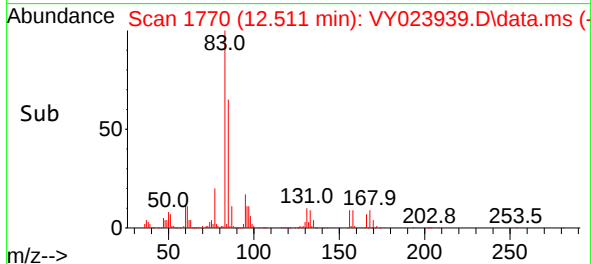
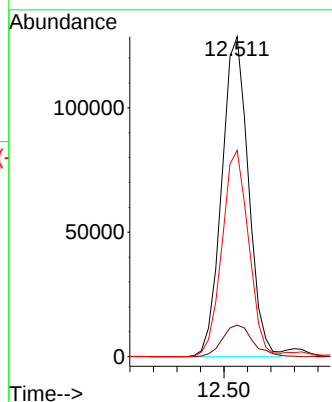
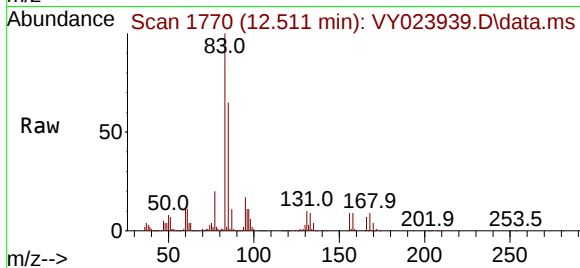




#75
1,1,2,2-Tetrachloroethane
Concen: 52.206 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

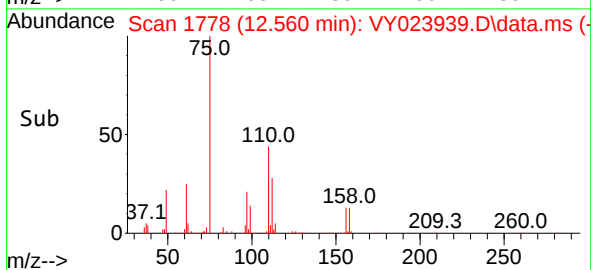
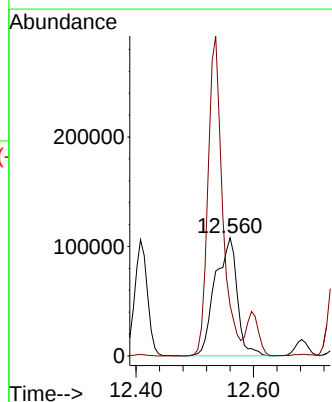
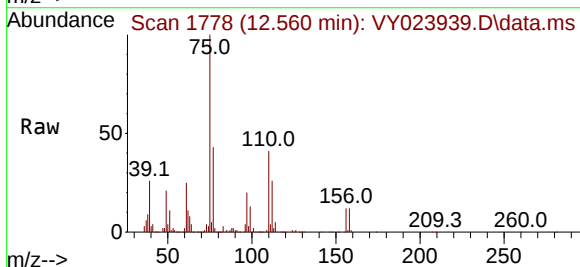
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

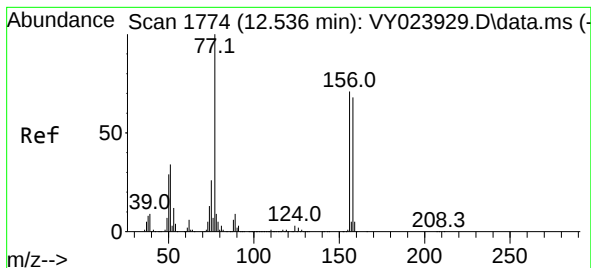
Tgt Ion: 83 Resp: 203052
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 64.4 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 94.822 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 75 Resp: 280351
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.488 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

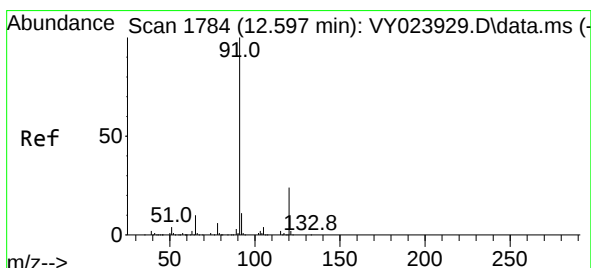
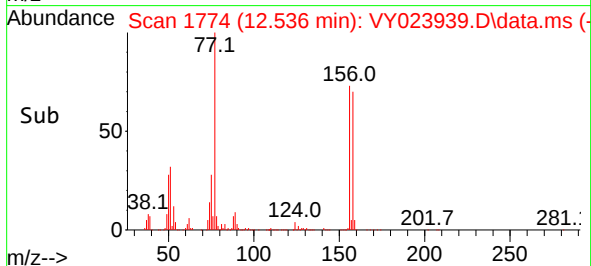
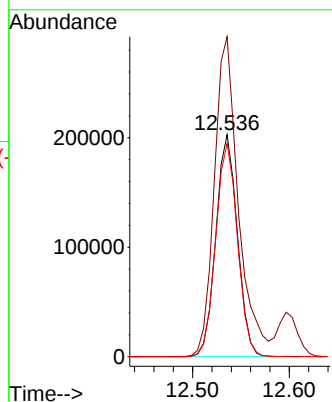
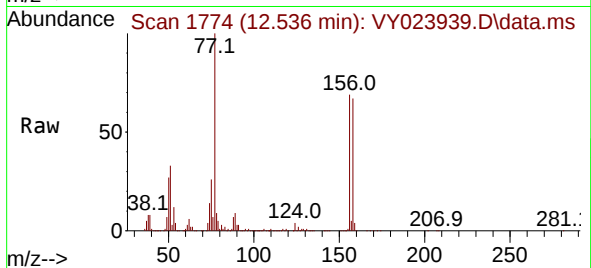
Tgt Ion:156 Resp: 313656

Ion Ratio Lower Upper

156 100

77 160.4 79.8 239.4

158 96.7 48.0 144.2



#78

n-propylbenzene

Concen: 50.549 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023939.D

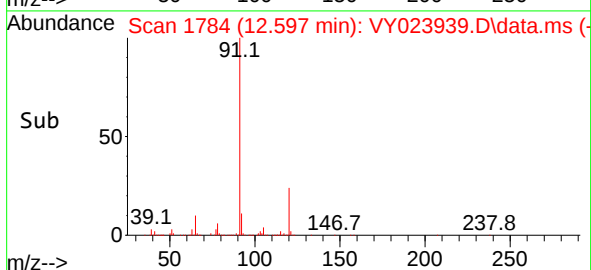
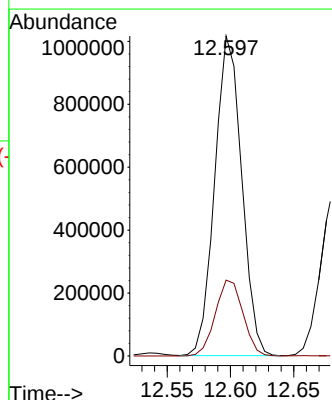
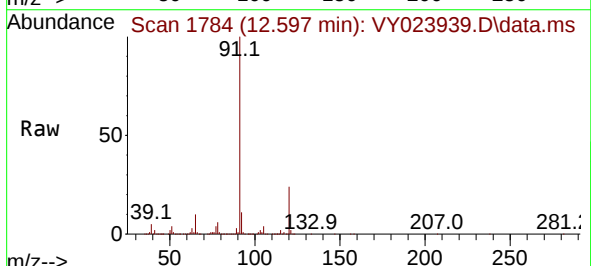
Acq: 11 Dec 2025 07:51

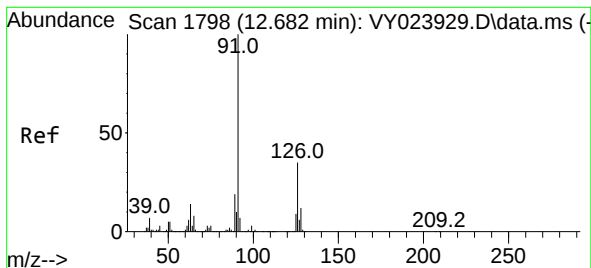
Tgt Ion: 91 Resp: 1502276

Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.0

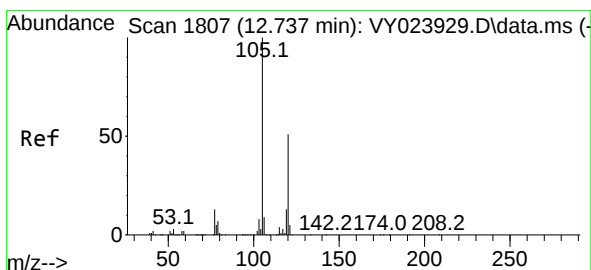
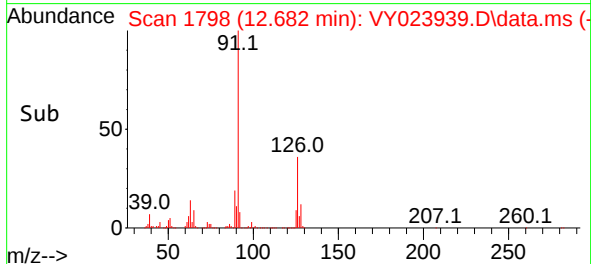
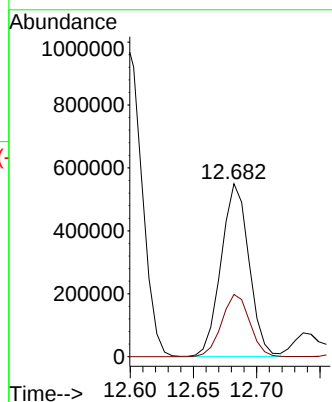
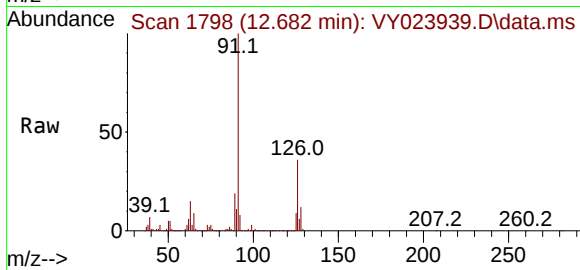




#79
2-Chlorotoluene
Concen: 49.900 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

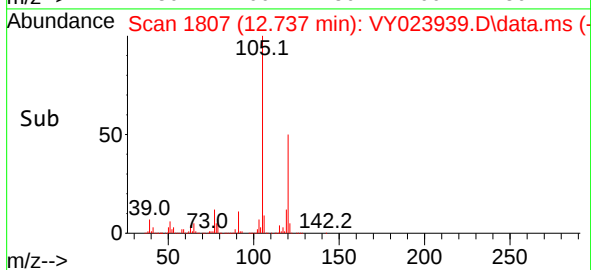
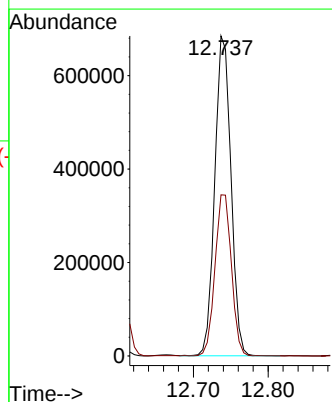
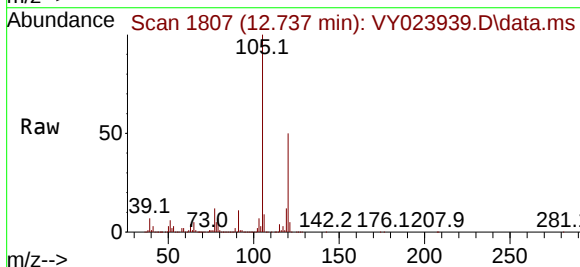
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

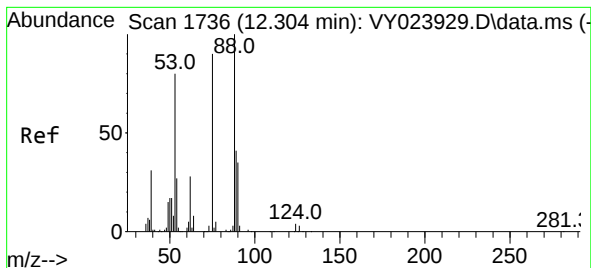
Tgt Ion: 91 Resp: 842406
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 50.491 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 105 Resp: 1028931
Ion Ratio Lower Upper
105 100
120 51.0 25.7 77.1

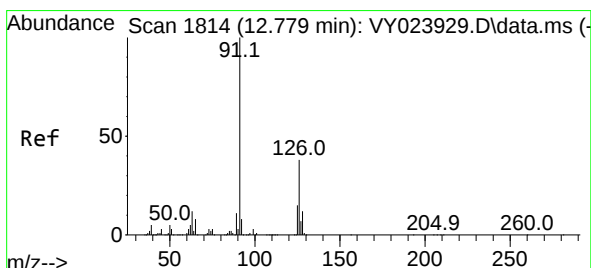
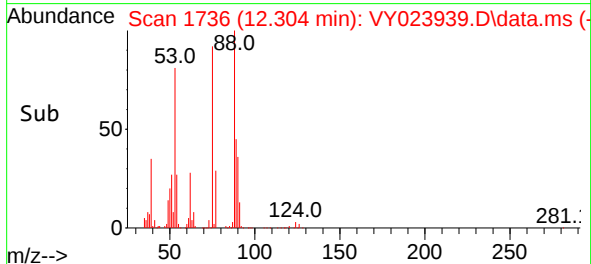
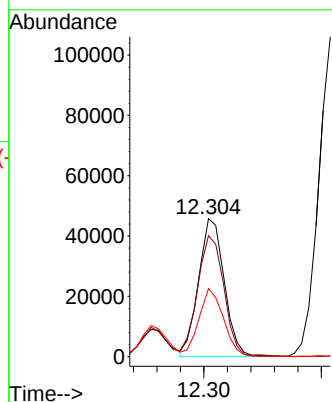
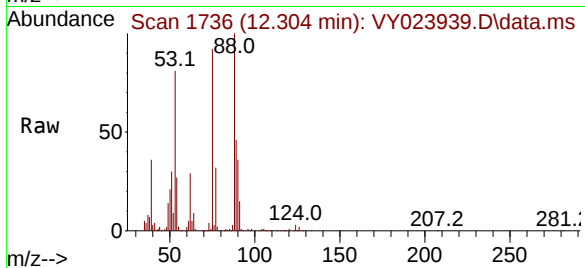




#81
trans-1,4-Dichloro-2-butene
Concen: 53.298 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

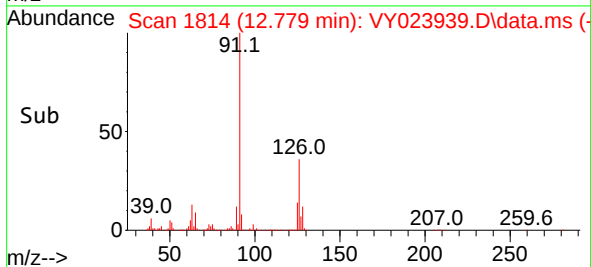
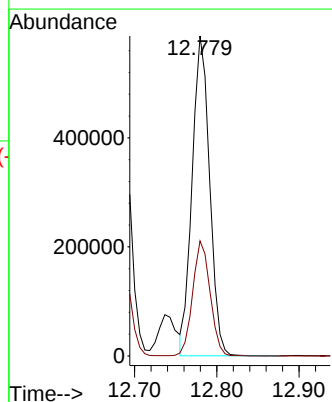
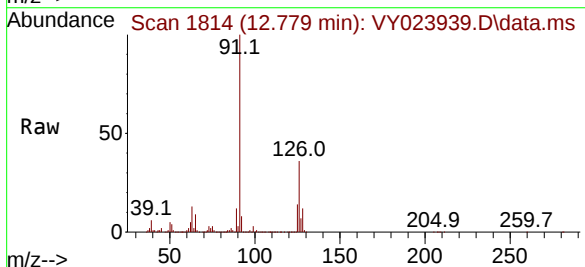
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

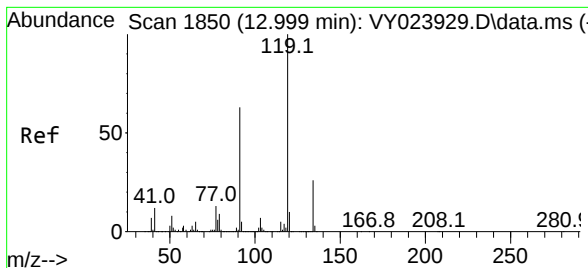
Tgt Ion: 75 Resp: 69228
Ion Ratio Lower Upper
75 100
53 90.5 73.4 110.0
89 47.0 38.9 58.3



#82
4-Chlorotoluene
Concen: 49.771 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion: 91 Resp: 864973
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.1

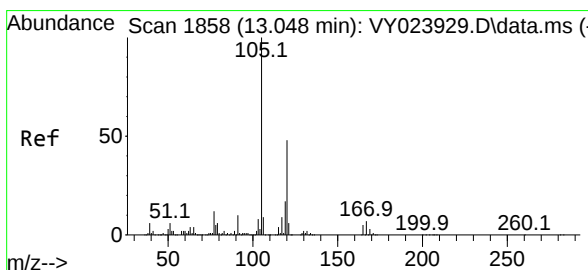
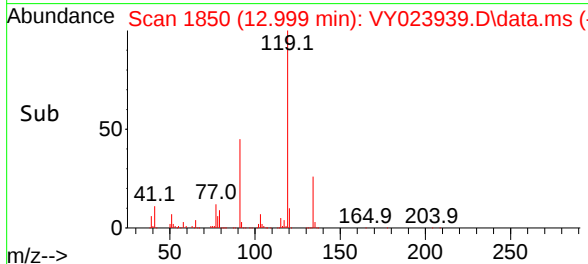
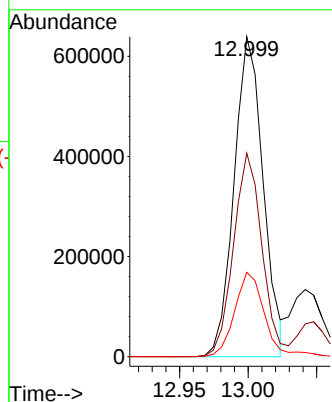
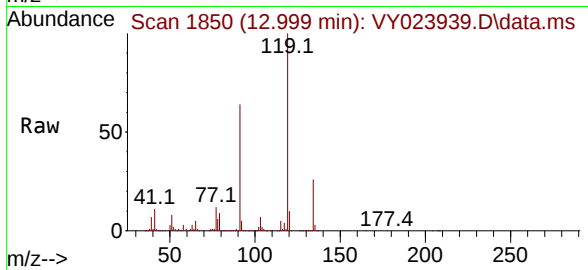




#83
tert-Butylbenzene
Concen: 50.062 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

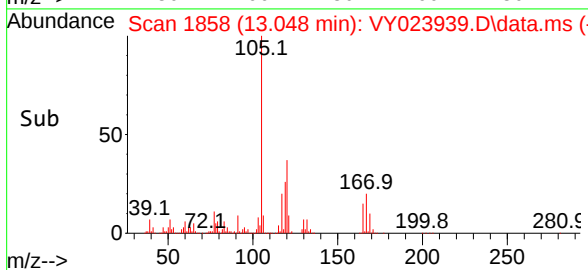
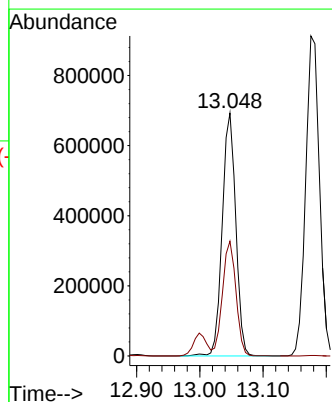
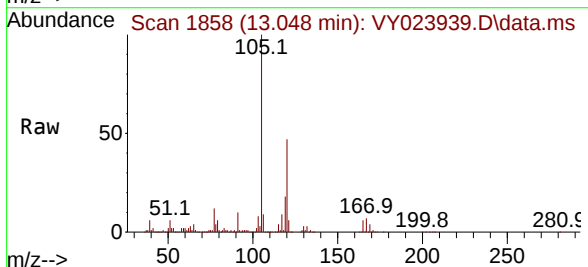
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

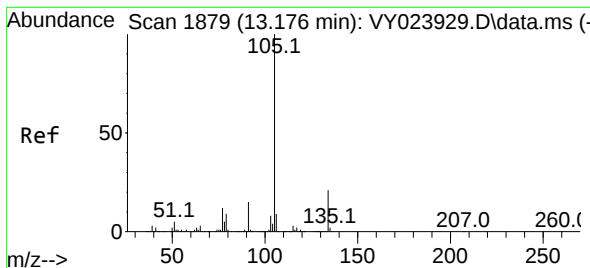
Tgt Ion:119 Resp: 942605
Ion Ratio Lower Upper
119 100
91 62.6 31.6 94.7
134 27.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 50.765 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY023939.D
Acq: 11 Dec 2025 07:51

Tgt Ion:105 Resp: 1024814
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.3





#85

sec-Butylbenzene

Concen: 49.983 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

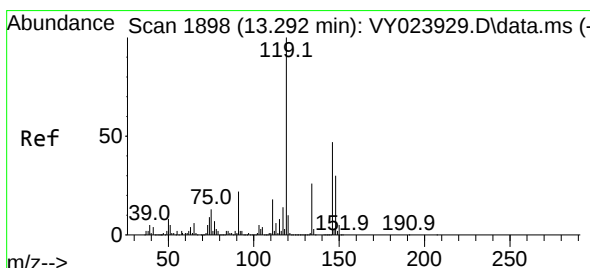
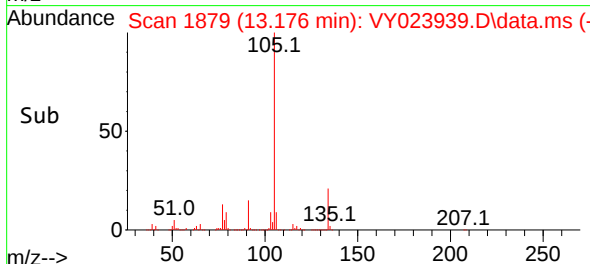
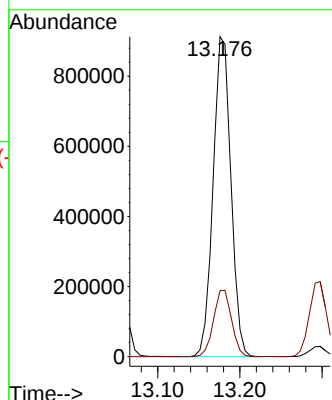
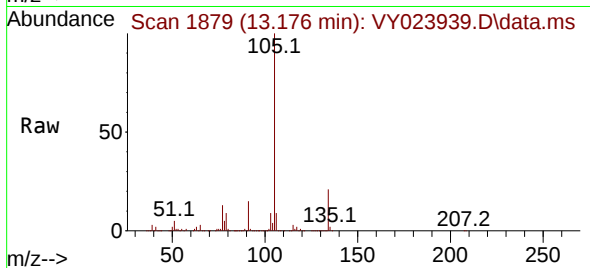
VSTDCCC050

Tgt Ion:105 Resp: 1372847

Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8



#86

p-Isopropyltoluene

Concen: 50.275 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

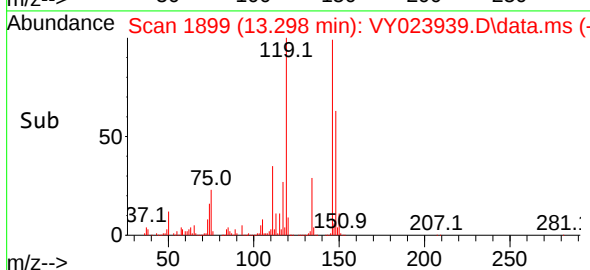
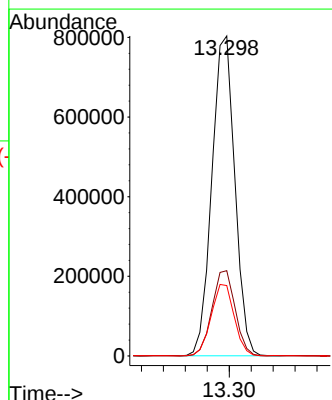
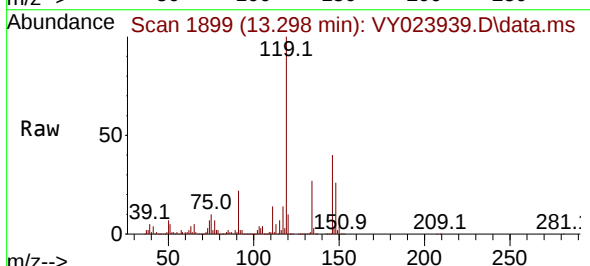
Tgt Ion:119 Resp: 1168841

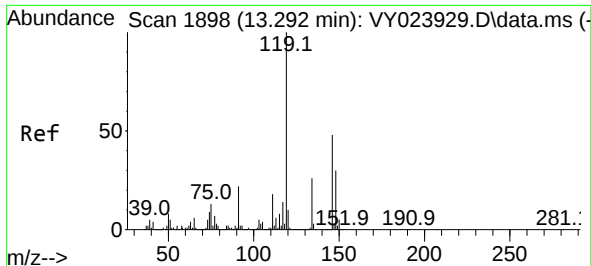
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.5 11.1 33.3

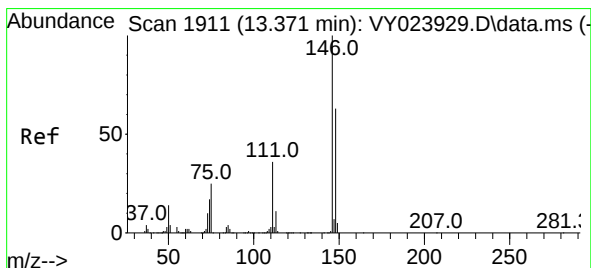
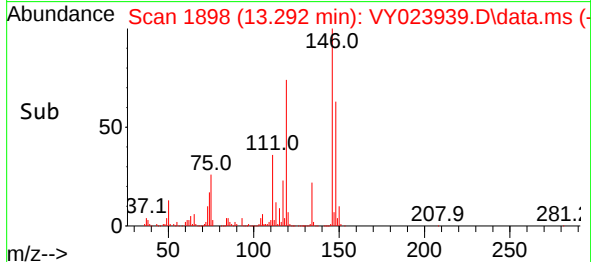
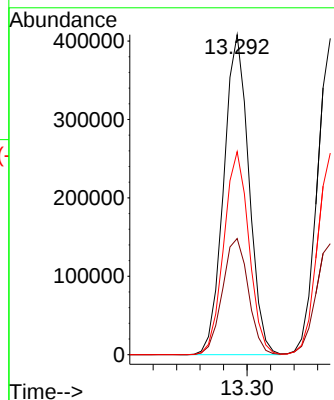
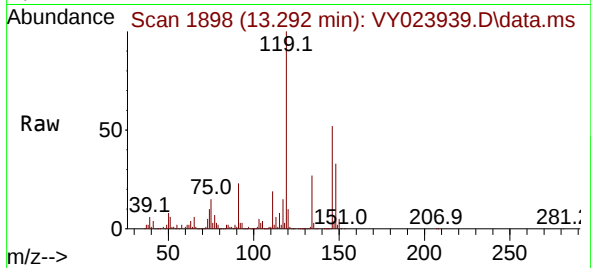




#87
 1,3-Dichlorobenzene
 Concen: 49.354 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023939.D
 Acq: 11 Dec 2025 07:51

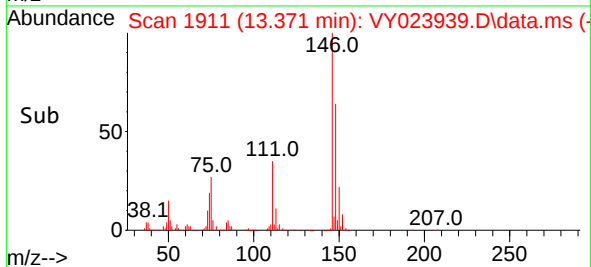
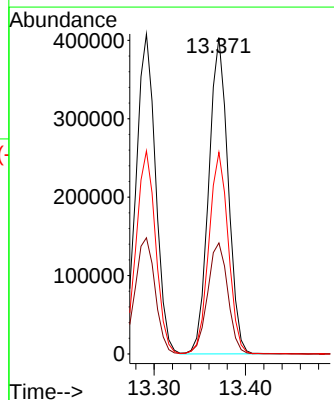
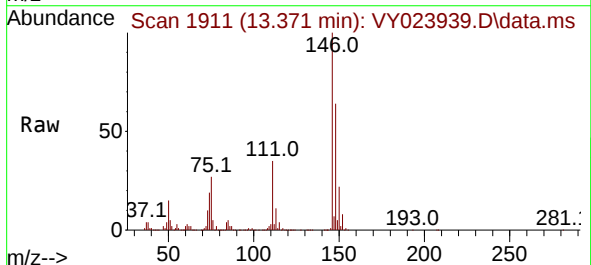
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

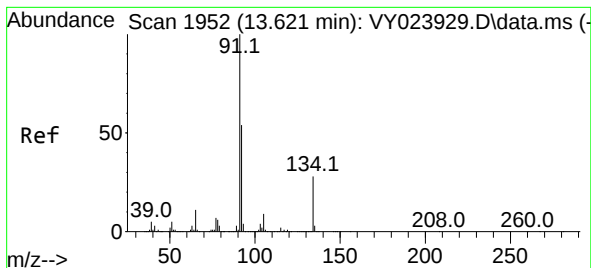
Tgt Ion:146 Resp: 607461
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 63.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.768 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY023939.D
 Acq: 11 Dec 2025 07:51

Tgt Ion:146 Resp: 591686
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 63.6 31.9 95.9





#89

n-Butylbenzene

Concen: 50.467 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

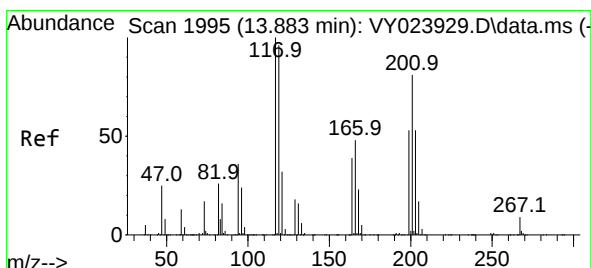
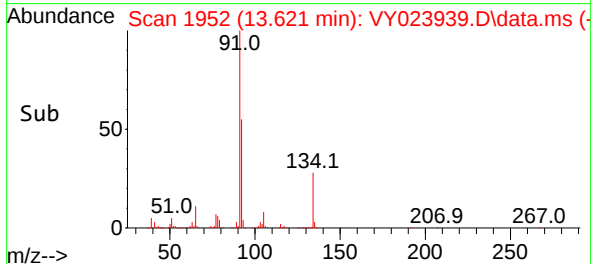
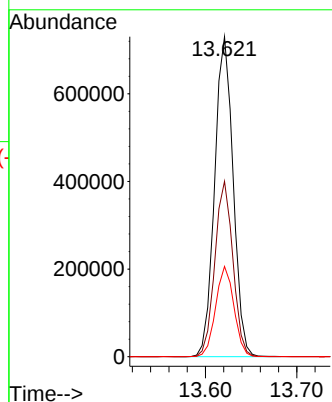
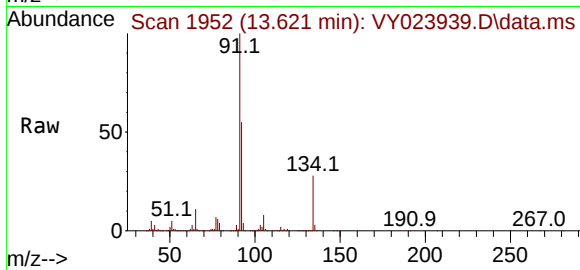
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1026505

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.6
134	27.9	13.9	41.6



#90

Hexachloroethane

Concen: 48.537 ug/l

RT: 13.883 min Scan# 1995

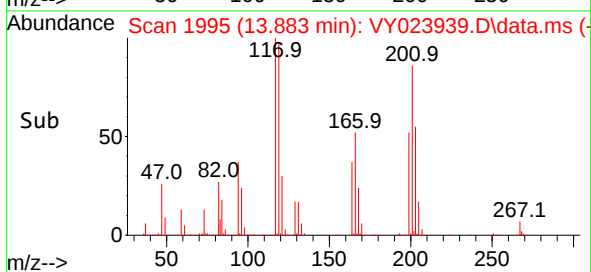
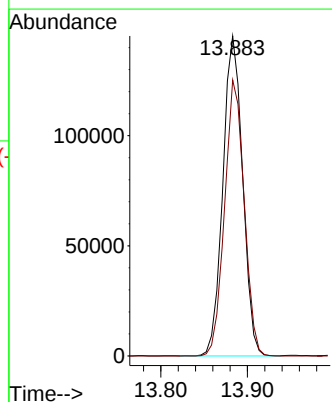
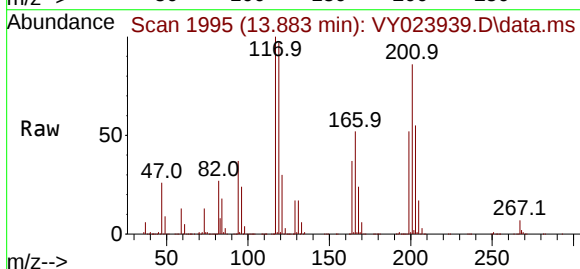
Delta R.T. 0.000 min

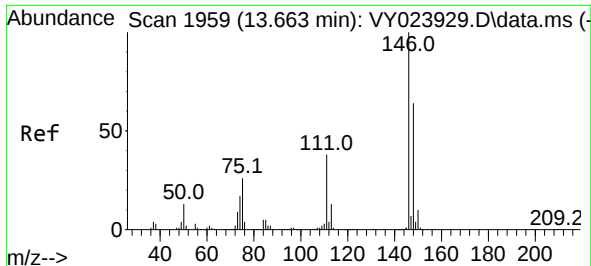
Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Tgt Ion: 117 Resp: 230267

Ion	Ratio	Lower	Upper
117	100		
201	85.3	42.4	127.3





#91

1,2-Dichlorobenzene

Concen: 49.625 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

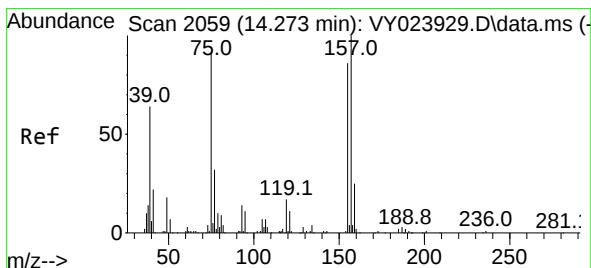
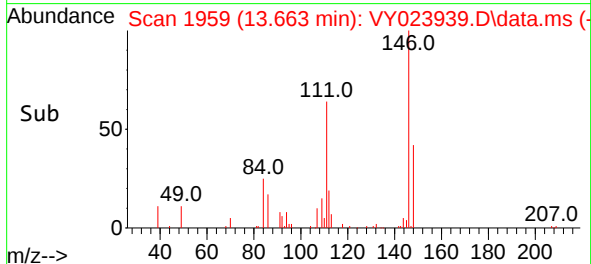
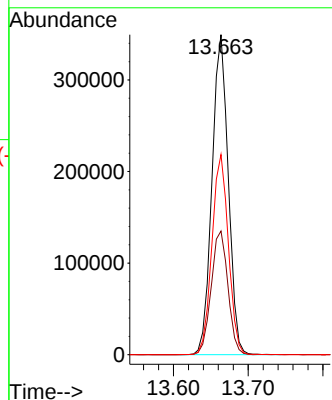
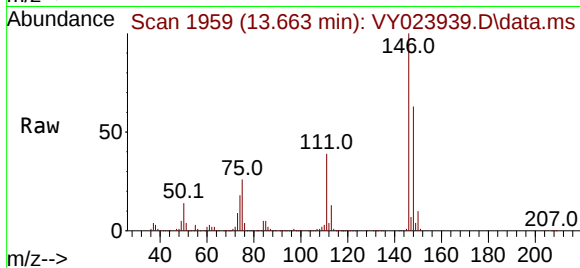
Tgt Ion:146 Resp: 529210

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

148 63.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.882 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

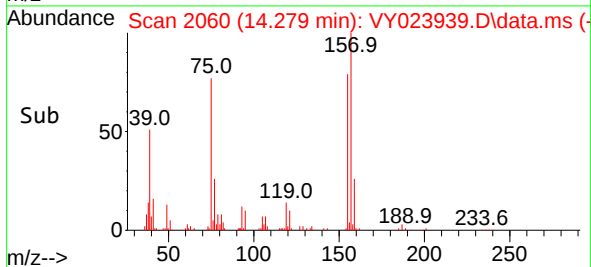
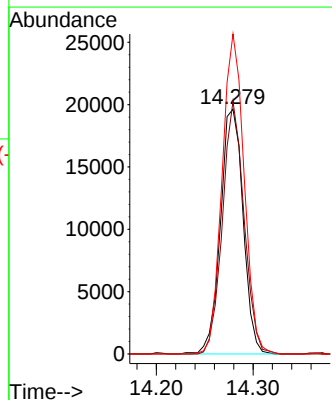
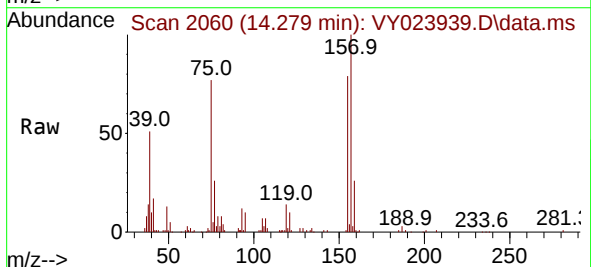
Tgt Ion: 75 Resp: 31846

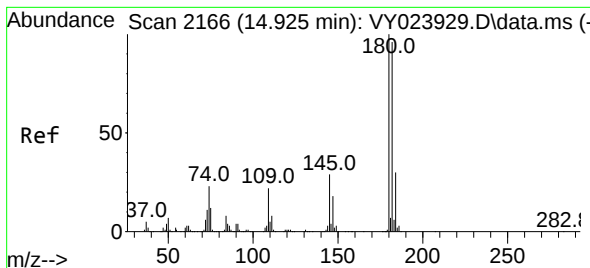
Ion Ratio Lower Upper

75 100

155 98.3 50.2 150.7

157 127.3 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 51.992 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

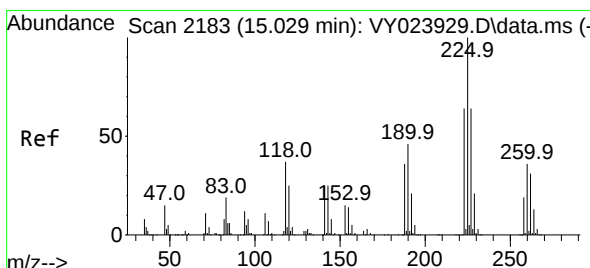
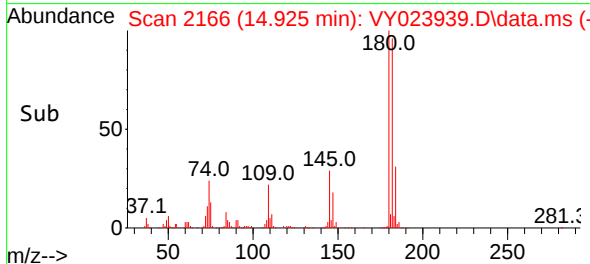
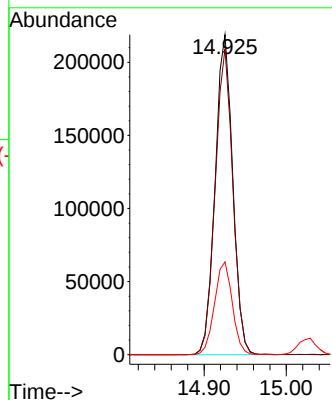
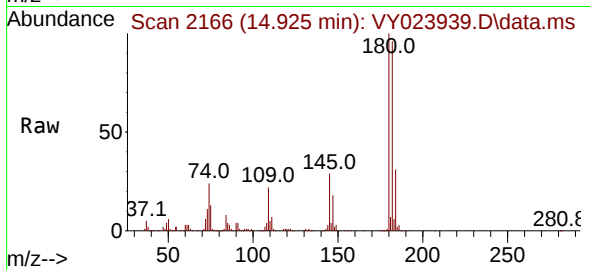
Tgt Ion:180 Resp: 325867

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

145 29.4 14.8 44.4



#94

Hexachlorobutadiene

Concen: 49.650 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

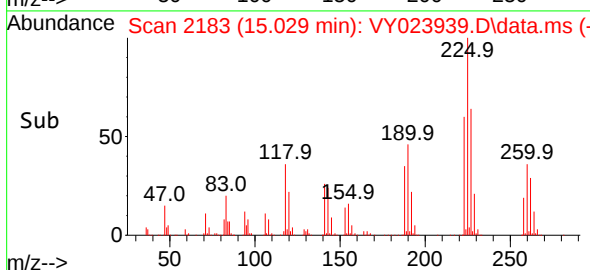
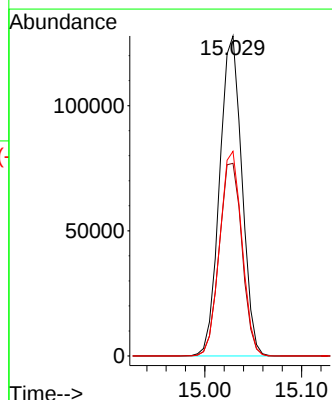
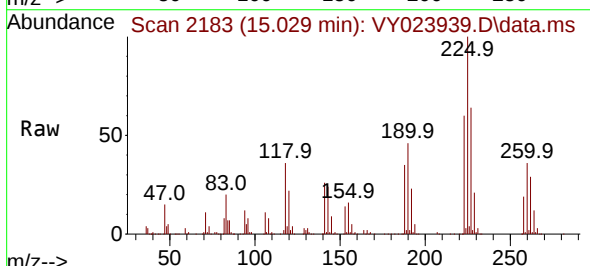
Tgt Ion:225 Resp: 203979

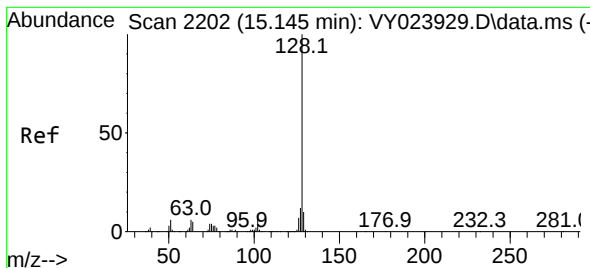
Ion Ratio Lower Upper

225 100

223 61.8 31.6 95.0

227 63.9 31.7 95.1





#95

Naphthalene

Concen: 56.766 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

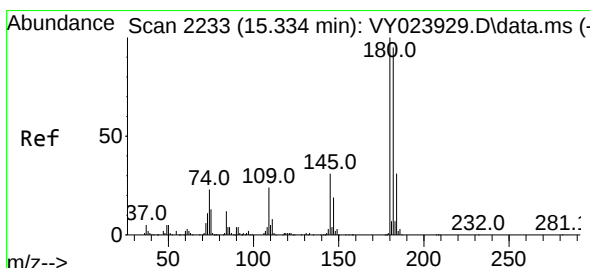
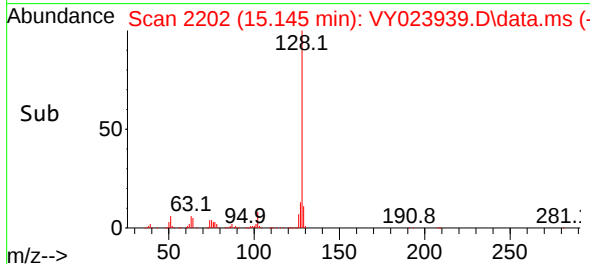
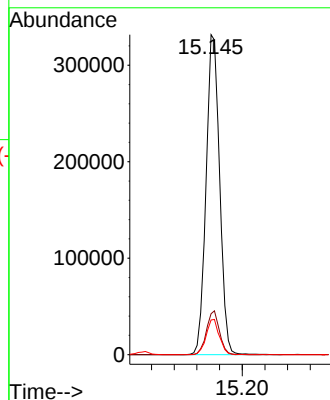
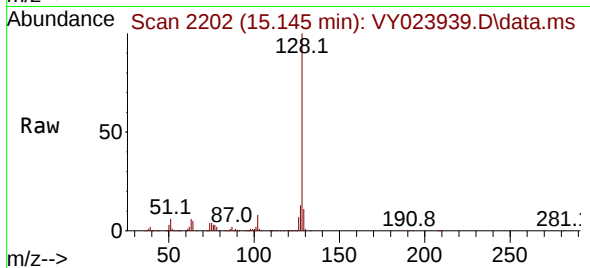
Tgt Ion:128 Resp: 550140

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.384 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023939.D

Acq: 11 Dec 2025 07:51

Tgt Ion:180 Resp: 279393

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 30.8 15.6 46.8

