

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023988.D
 Acq On : 16 Dec 2025 14:29
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 17 03:36:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	511340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	714723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	619444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	326620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	165471	42.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.640%
35) Dibromofluoromethane	7.646	113	181413	42.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.820%
50) Toluene-d8	10.115	98	662245	42.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.820%
62) 4-Bromofluorobenzene	12.407	95	218196	43.134	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	166006	50.600	ug/l	100
3) Chloromethane	2.080	50	205153	53.424	ug/l	100
4) Vinyl Chloride	2.214	62	257147	53.005	ug/l	100
5) Bromomethane	2.610	94	202539	47.041	ug/l	100
6) Chloroethane	2.744	64	180161	52.719	ug/l	100
7) Trichlorofluoromethane	3.074	101	400894	51.767	ug/l	100
8) Diethyl Ether	3.464	74	112653	54.437	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.829	101	238447	51.376	ug/l	100
10) Methyl Iodide	4.018	142	299273	44.909	ug/l	100
11) Tert butyl alcohol	4.884	59	63654	281.371	ug/l	100
12) 1,1-Dichloroethene	3.805	96	225077	53.509	ug/l	100
13) Acrolein	3.665	56	100340	264.521	ug/l	100
14) Allyl chloride	4.396	41	271710	53.330	ug/l	100
15) Acrylonitrile	5.073	53	228972	284.828	ug/l	100
16) Acetone	3.884	43	266264	229.762	ug/l	100
17) Carbon Disulfide	4.122	76	604517	57.430	ug/l	100
18) Methyl Acetate	4.403	43	98766	56.582	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	554836	55.519	ug/l	100
20) Methylene Chloride	4.628	84	250275	47.124	ug/l	100
21) trans-1,2-Dichloroethene	5.128	96	246491	53.923	ug/l	100
22) Diisopropyl ether	6.030	45	636060	54.057	ug/l	100
23) Vinyl Acetate	5.975	43	1817035	283.687	ug/l	100
24) 1,1-Dichloroethane	5.927	63	401393	52.426	ug/l	100
25) 2-Butanone	6.908	43	309714	261.097	ug/l	100
26) 2,2-Dichloropropane	6.896	77	373400	52.262	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	286671	52.943	ug/l	100
28) Bromochloromethane	7.256	49	156173	51.111	ug/l	100
29) Tetrahydrofuran	7.274	42	177525	295.597	ug/l	100
30) Chloroform	7.432	83	439754	51.773	ug/l	100
31) Cyclohexane	7.713	56	355841	52.604	ug/l	100
32) 1,1,1-Trichloroethane	7.628	97	412278	52.326	ug/l	100
36) 1,1-Dichloropropene	7.847	75	312337	53.277	ug/l	100
37) Ethyl Acetate	6.994	43	127032	57.241	ug/l	100
38) Carbon Tetrachloride	7.829	117	382251	52.052	ug/l	100
39) Methylcyclohexane	9.115	83	423133	54.132	ug/l	100
40) Benzene	8.091	78	958721	53.336	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	65978	49.235	ug/l	89
42) 1,2-Dichloroethane	8.164	62	249013	53.767	ug/l	100
43) Isopropyl Acetate	8.207	43	243293	56.675	ug/l	100
44) Trichloroethene	8.871	130	281210	53.087	ug/l	100
45) 1,2-Dichloropropane	9.146	63	212849	52.732	ug/l	100
46) Dibromomethane	9.237	93	131553	54.349	ug/l	100
47) Bromodichloromethane	9.432	83	333677	53.133	ug/l	100
48) Methyl methacrylate	9.225	41	117263	56.044	ug/l	100
49) 1,4-Dioxane	9.237	88	30560	1159.154	ug/l	100
51) 4-Methyl-2-Pentanone	10.005	43	654740	291.373	ug/l	100
52) Toluene	10.176	92	644990	51.546	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	296181	55.489	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	350672	54.837	ug/l	100
55) 1,1,2-Trichloroethane	10.578	97	181191	54.500	ug/l	100
56) Ethyl methacrylate	10.444	69	222723	45.390	ug/l	100
57) 1,3-Dichloropropane	10.718	76	293058	54.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	340819	223.413	ug/l	100
59) 2-Hexanone	10.761	43	475506	281.584	ug/l	100
60) Dibromochloromethane	10.914	129	255441	54.634	ug/l	100
61) 1,2-Dibromoethane	11.017	107	170467	55.375	ug/l	100
64) Tetrachloroethene	10.651	164	341743	53.770	ug/l	100
65) Chlorobenzene	11.444	112	713292	52.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	251648	52.303	ug/l	100
67) Ethyl Benzene	11.523	91	1200707	54.142	ug/l	100
68) m/p-Xylenes	11.633	106	966503	108.505	ug/l	100
69) o-Xylene	11.956	106	450527	54.378	ug/l	100
70) Styrene	11.974	104	736191	55.361	ug/l	100
71) Bromoform	12.133	173	155535	54.186	ug/l	100
73) Isopropylbenzene	12.255	105	1193752	53.060	ug/l	100
74) N-amyl acetate	12.072	43	211019	48.393	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	179839	52.759	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	248006	85.760	ug/l #	100
77) Bromobenzene	12.535	156	297120	52.540	ug/l	100
78) n-propylbenzene	12.596	91	1377971	53.441	ug/l	100
79) 2-Chlorotoluene	12.682	91	778874	52.767	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	949638	53.680	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	60859	53.858	ug/l	100
82) 4-Chlorotoluene	12.779	91	793894	52.385	ug/l	100
83) tert-Butylbenzene	12.999	119	902095	54.323	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	945788	54.073	ug/l	100
85) sec-Butylbenzene	13.175	105	1271278	53.034	ug/l	100
86) p-Isopropyltoluene	13.291	119	1083023	53.778	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	562261	51.673	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	551277	51.623	ug/l	100
89) n-Butylbenzene	13.620	91	928835	53.387	ug/l	100
90) Hexachloroethane	13.883	117	213090	50.682	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	489660	52.173	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	27599	55.557	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	290095	54.336	ug/l	100
94) Hexachlorobutadiene	15.023	225	190114	50.863	ug/l	100
95) Naphthalene	15.145	128	469763	51.029	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	244827	54.644	ug/l	100

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QLast Update : Wed Dec 17 03:31:24 2025
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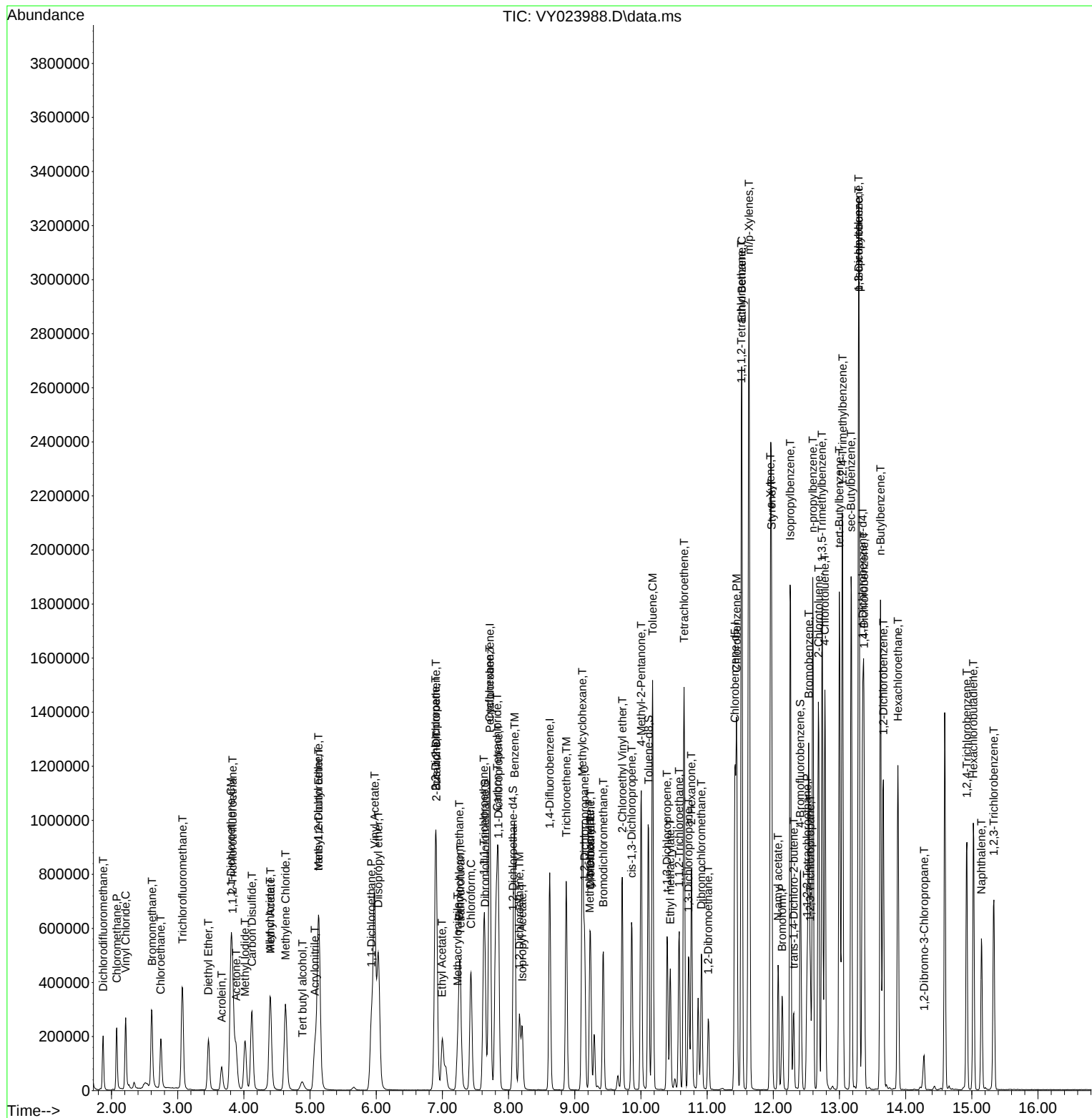
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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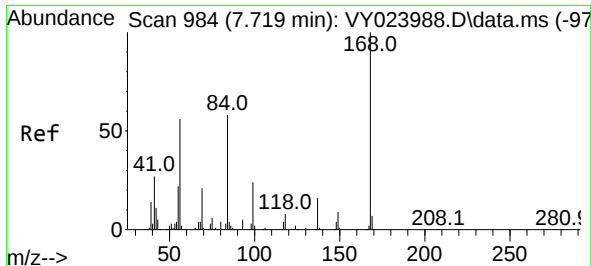
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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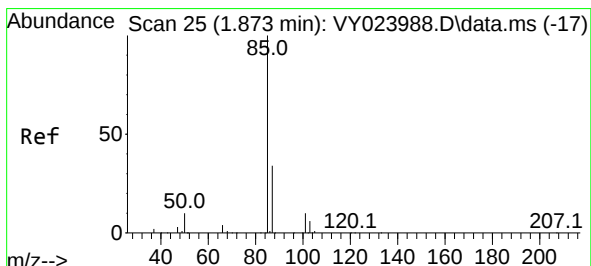
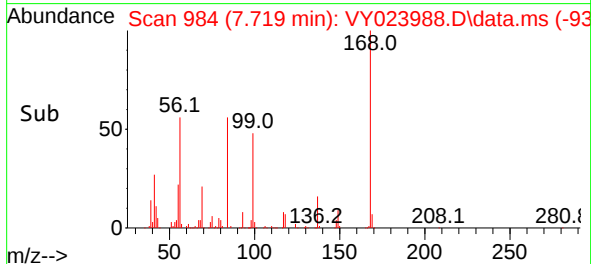
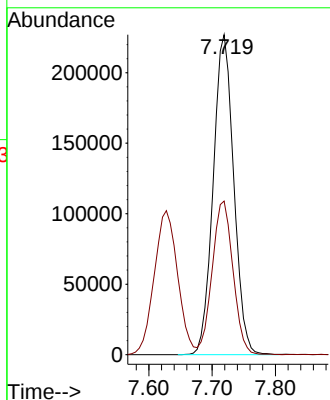
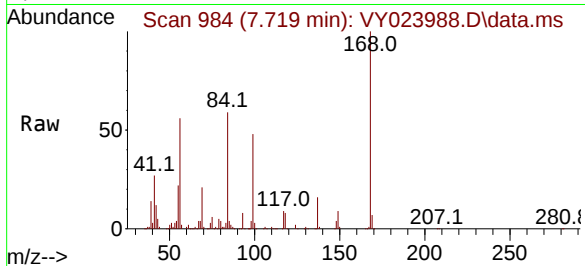




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
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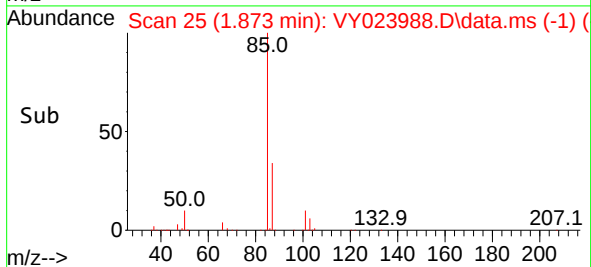
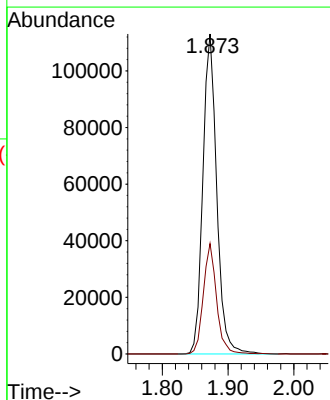
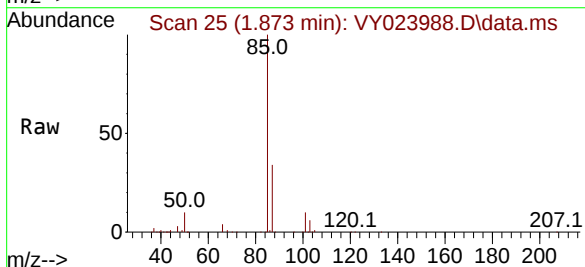
Instrument :
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VSTDICCC050

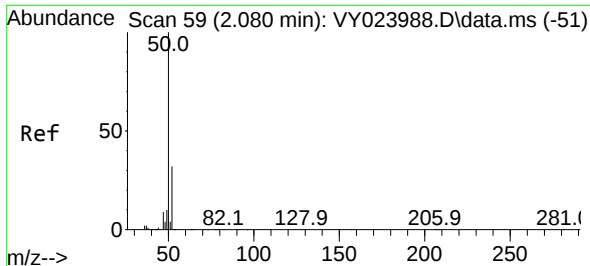
Tgt Ion:168 Resp: 511340
Ion Ratio Lower Upper
168 100
99 47.9 38.3 57.5



#2
Dichlorodifluoromethane
Concen: 50.600 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 85 Resp: 166006
Ion Ratio Lower Upper
85 100
87 34.5 17.3 51.7

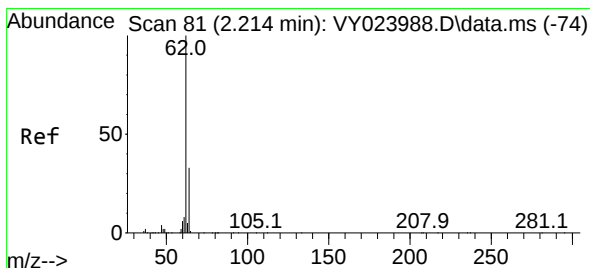
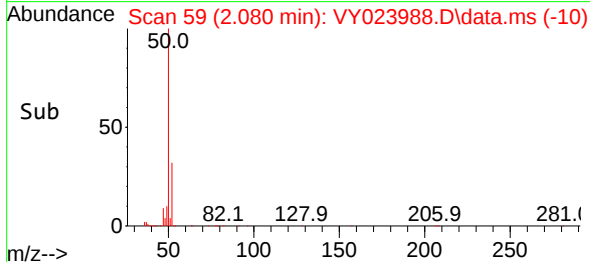
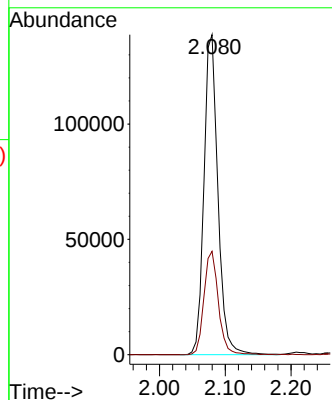
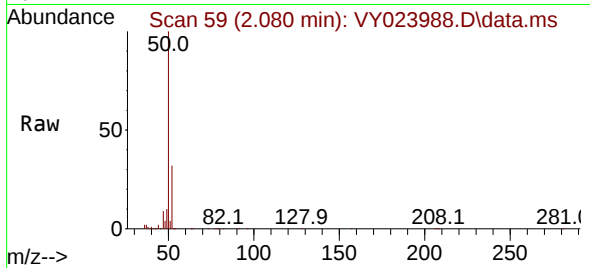




#3
Chloromethane
Concen: 53.424 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

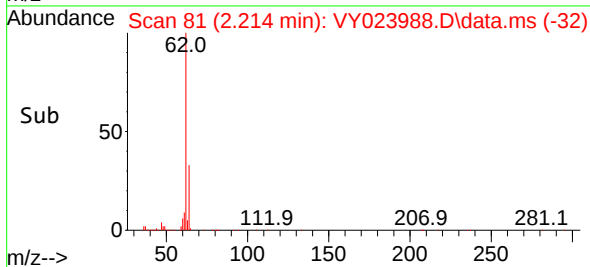
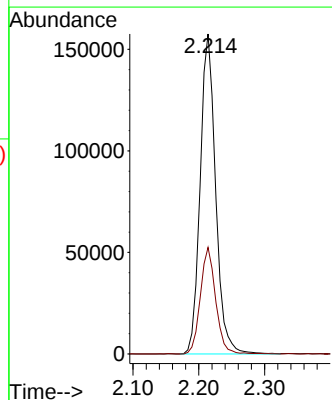
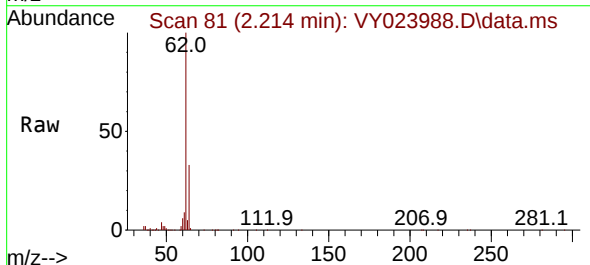
Instrument :
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ClientSampleId :
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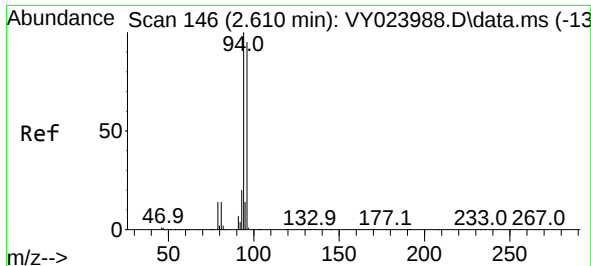
Tgt Ion: 50 Resp: 205153
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 53.005 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 62 Resp: 257147
Ion Ratio Lower Upper
62 100
64 33.3 26.6 40.0

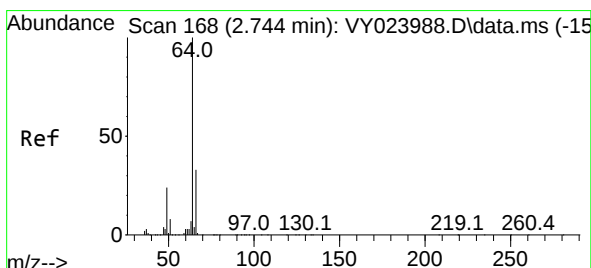
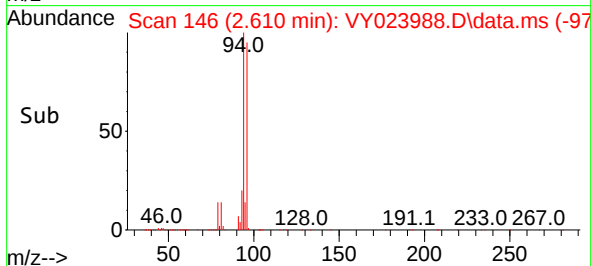
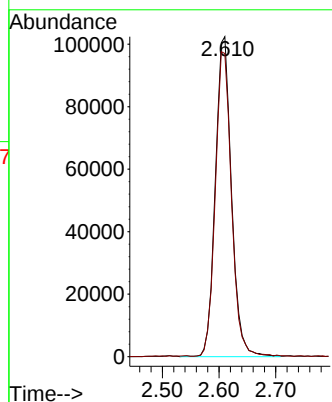
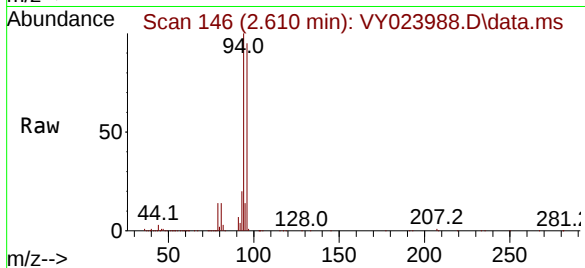




#5
Bromomethane
Concen: 47.041 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

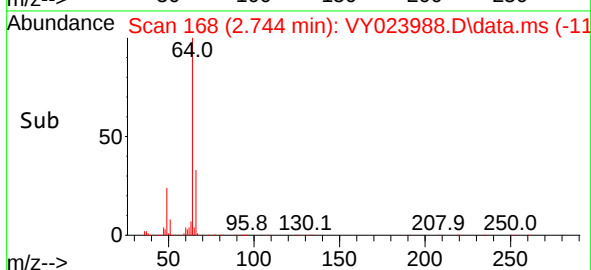
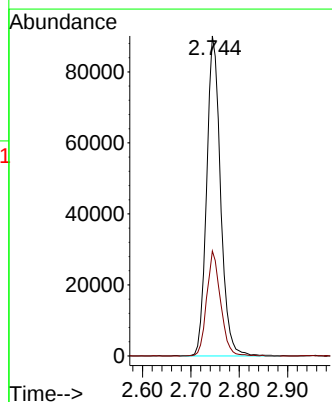
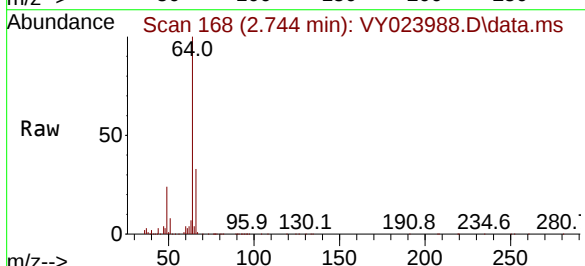
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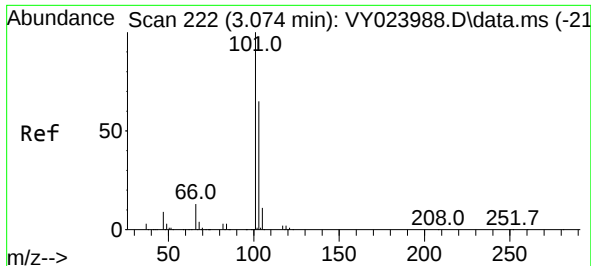
Tgt Ion: 94 Resp: 202539
Ion Ratio Lower Upper
94 100
96 94.5 75.6 113.4



#6
Chloroethane
Concen: 52.719 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023988.D
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Tgt Ion: 64 Resp: 180161
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

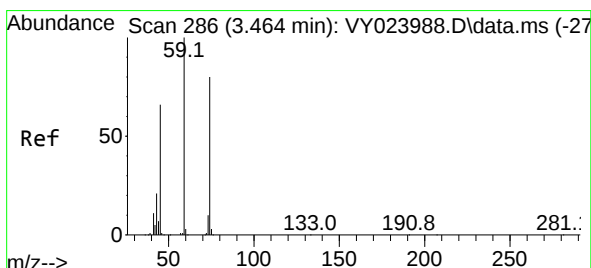
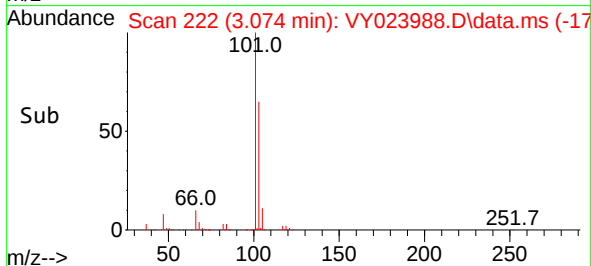
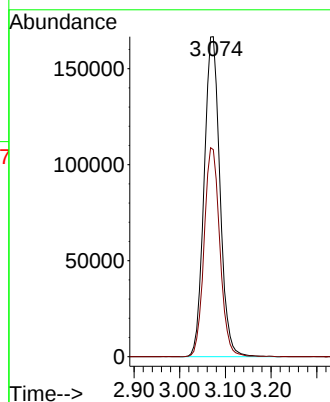
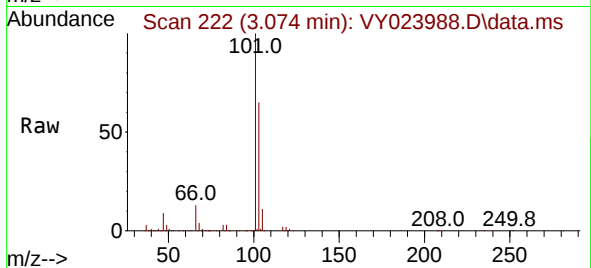




#7
Trichlorofluoromethane
Concen: 51.767 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

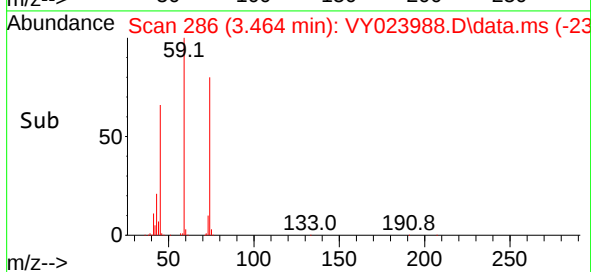
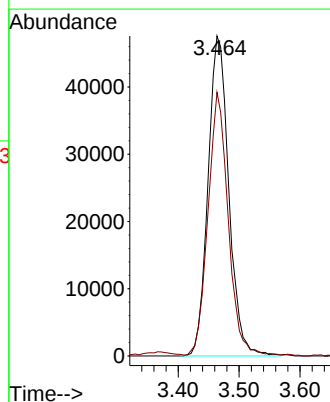
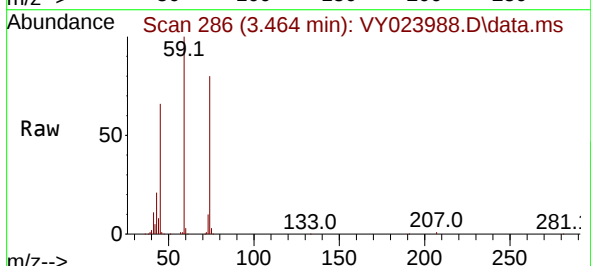
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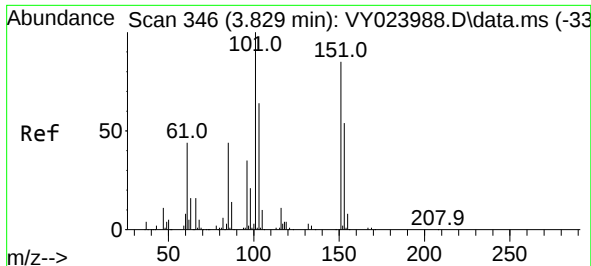
Tgt Ion:101 Resp: 400894
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6



#8
Diethyl Ether
Concen: 54.437 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
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Acq: 16 Dec 2025 14:29

Tgt Ion: 74 Resp: 112653
Ion Ratio Lower Upper
74 100
45 79.8 39.9 119.7

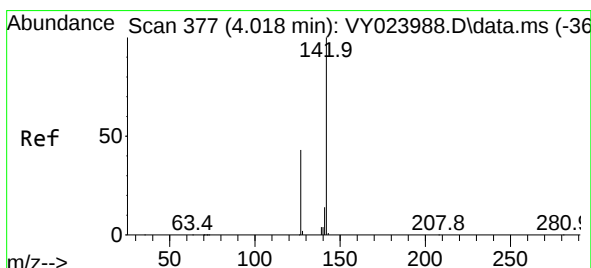
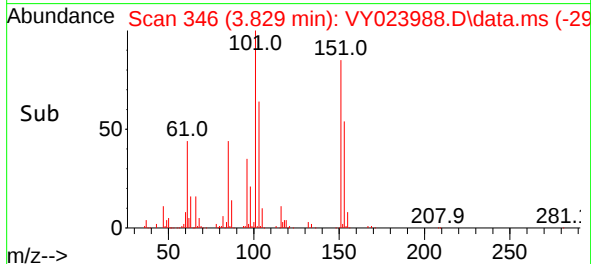
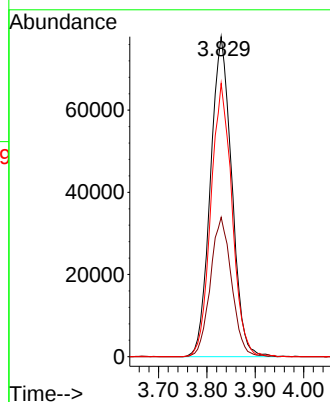
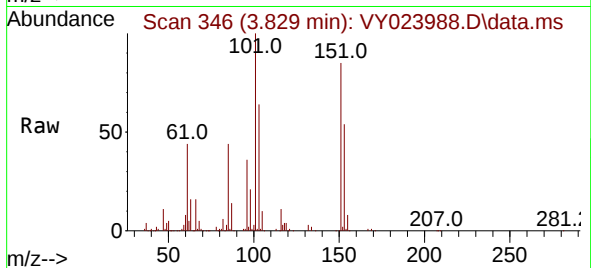




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.376 ug/l
RT: 3.829 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

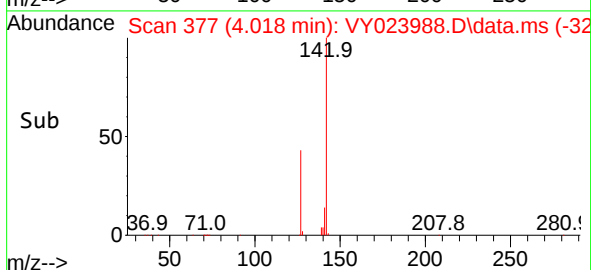
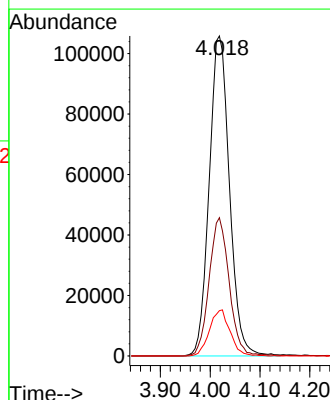
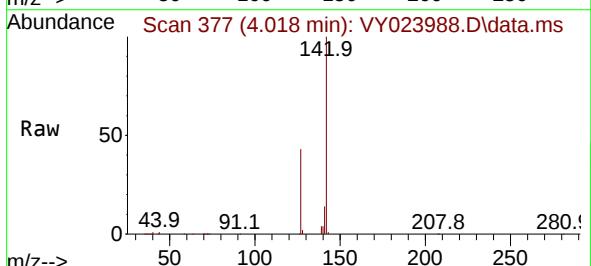
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

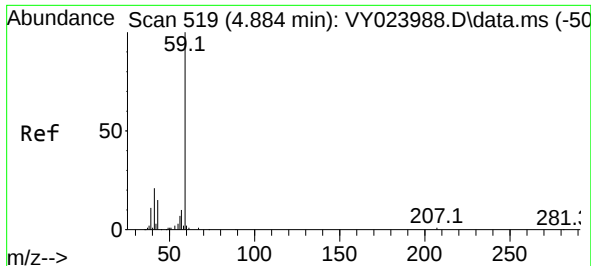
Tgt Ion:101 Resp: 238447
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 84.5 67.6 101.4



#10
Methyl Iodide
Concen: 44.909 ug/l
RT: 4.018 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion:142 Resp: 299273
Ion Ratio Lower Upper
142 100
127 42.9 34.3 51.5
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 281.371 ug/l

RT: 4.884 min Scan# 519

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

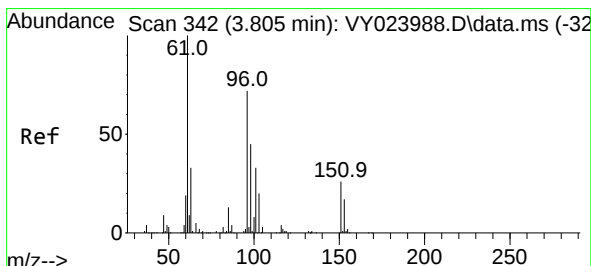
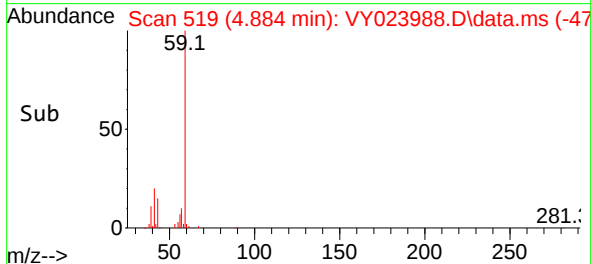
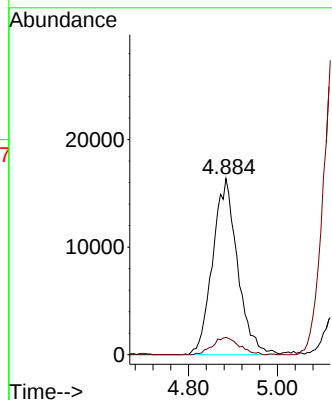
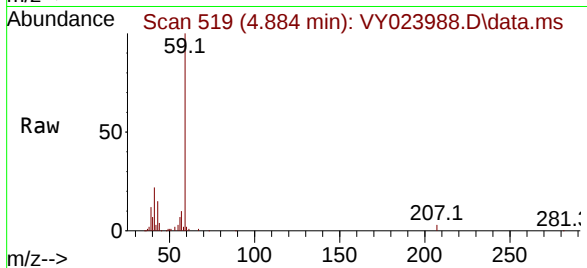
VSTDICCC050

Tgt Ion: 59 Resp: 63654

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



#12

1,1-Dichloroethene

Concen: 53.509 ug/l

RT: 3.805 min Scan# 342

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

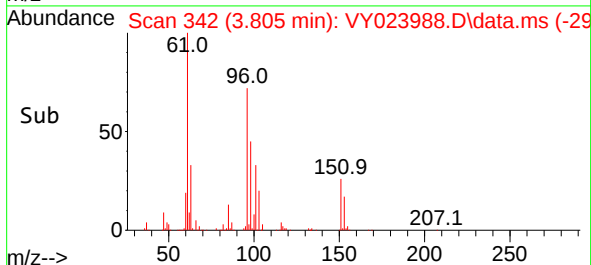
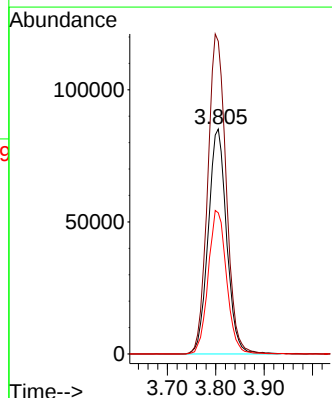
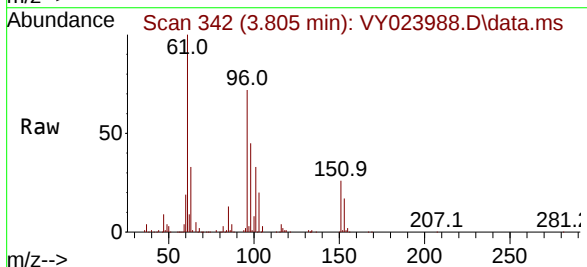
Tgt Ion: 96 Resp: 225077

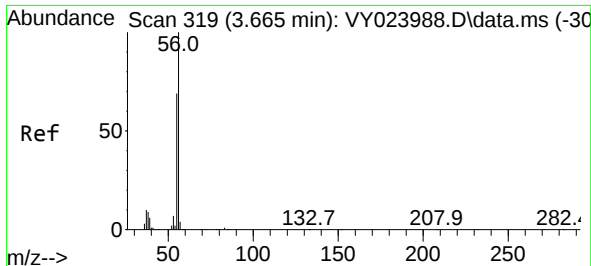
Ion Ratio Lower Upper

96 100

61 138.9 111.1 166.7

98 62.7 50.2 75.2

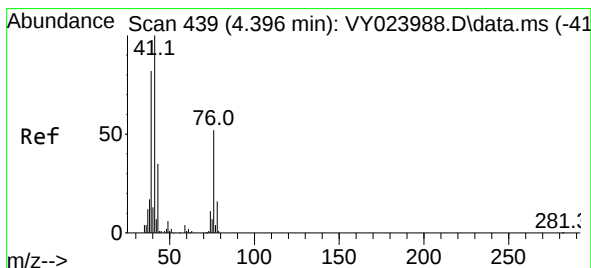
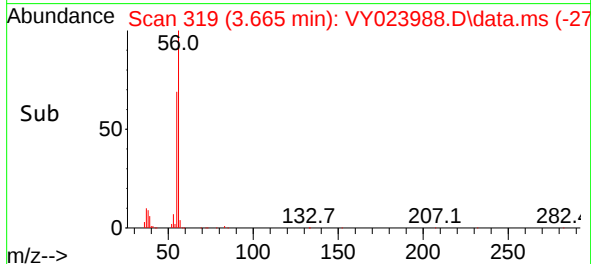
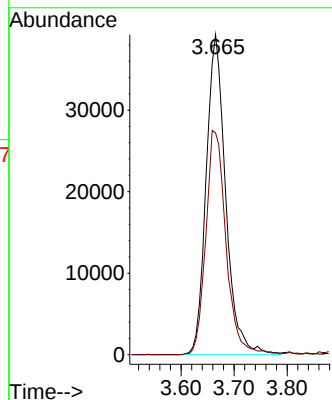
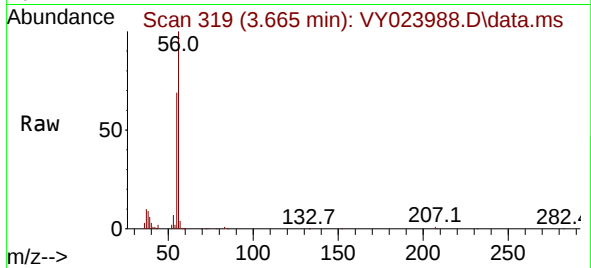




#13
Acrolein
Concen: 264.521 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

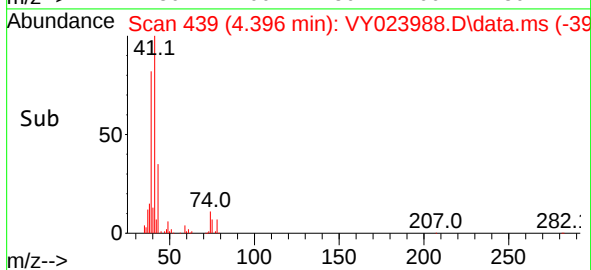
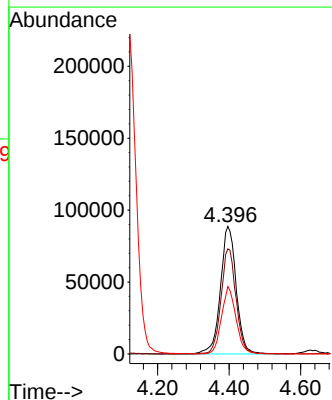
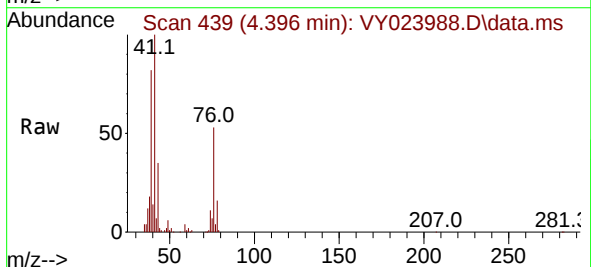
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

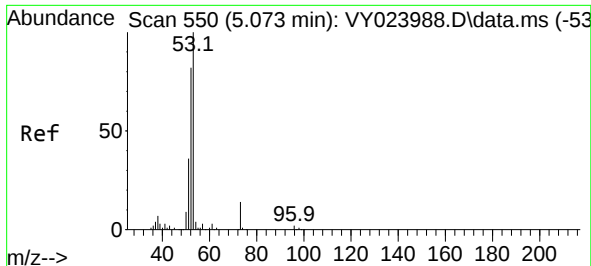
Tgt Ion: 56 Resp: 100340
Ion Ratio Lower Upper
56 100
55 72.6 58.1 87.1



#14
Allyl chloride
Concen: 53.330 ug/l
RT: 4.396 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 41 Resp: 271710
Ion Ratio Lower Upper
41 100
39 78.6 62.9 94.3
76 48.4 38.7 58.1

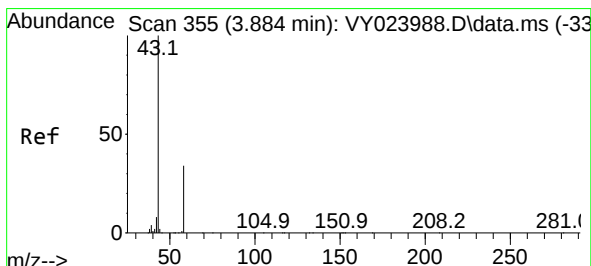
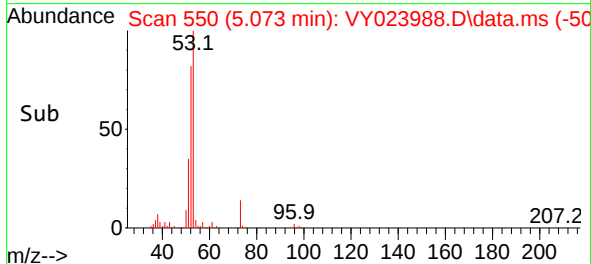
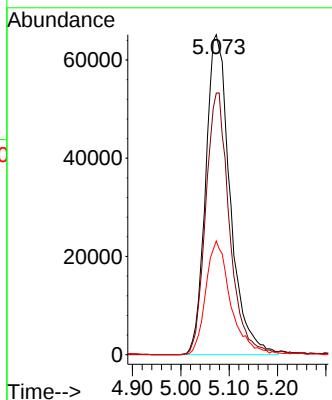
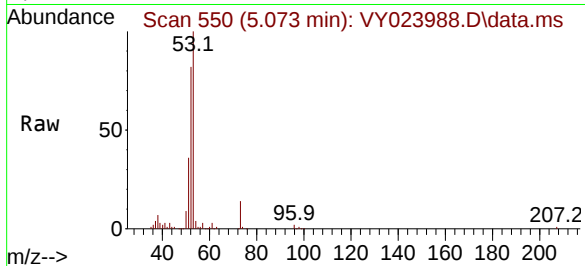




#15
Acrylonitrile
Concen: 284.828 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

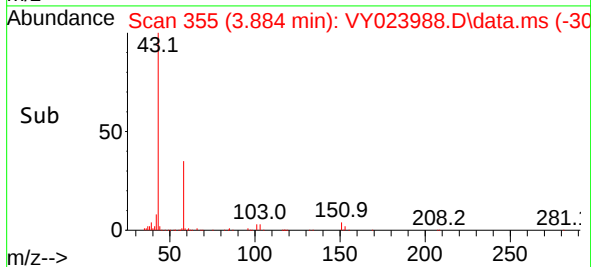
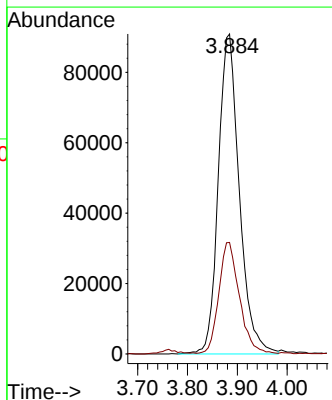
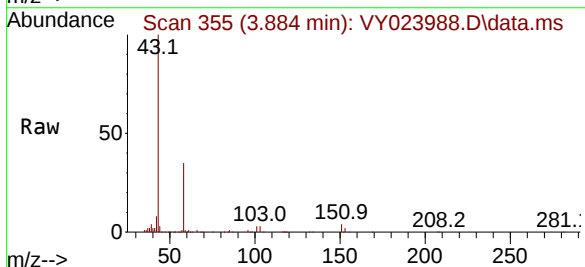
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

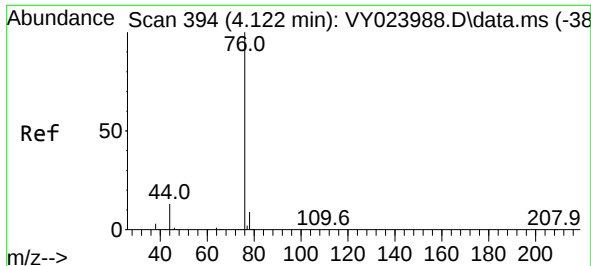
Tgt Ion: 53 Resp: 228972
Ion Ratio Lower Upper
53 100
52 80.3 64.2 96.4
51 36.4 29.1 43.7



#16
Acetone
Concen: 229.762 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 43 Resp: 266264
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5

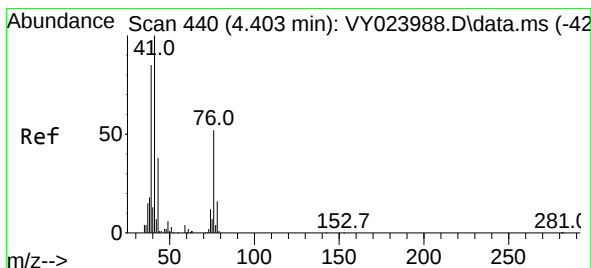
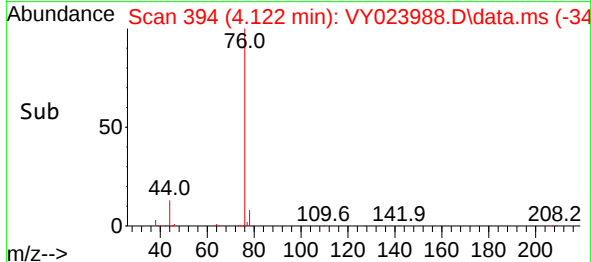
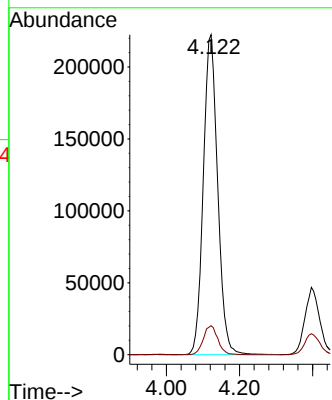
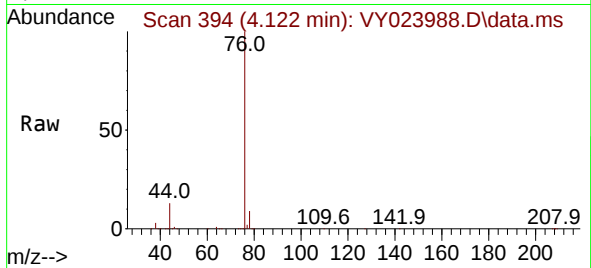




#17
Carbon Disulfide
Concen: 57.430 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

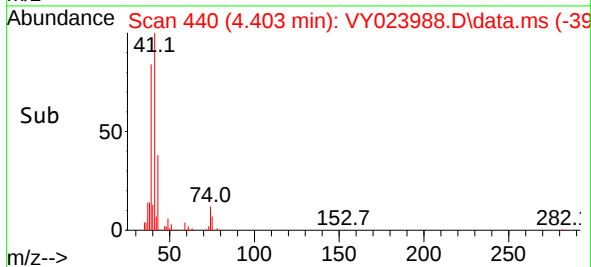
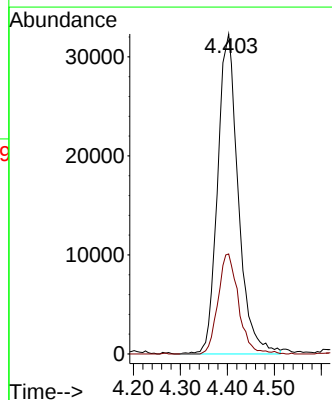
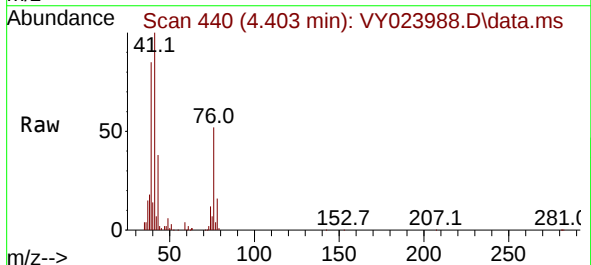
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

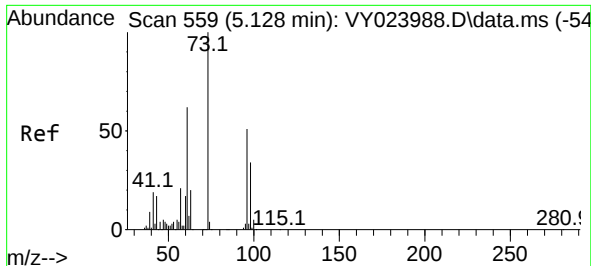
Tgt Ion: 76 Resp: 604517
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 56.582 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 43 Resp: 98766
Ion Ratio Lower Upper
43 100
74 30.9 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 55.519 ug/l

RT: 5.128 min Scan# 559

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

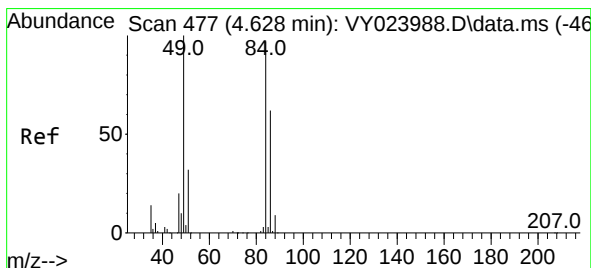
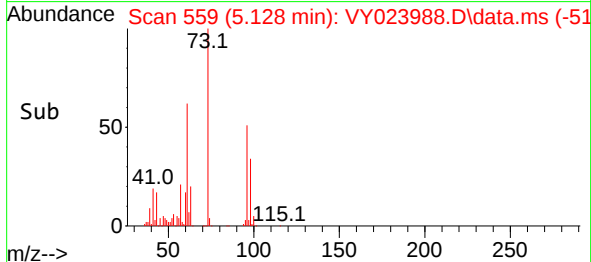
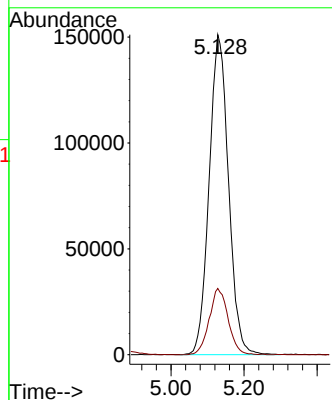
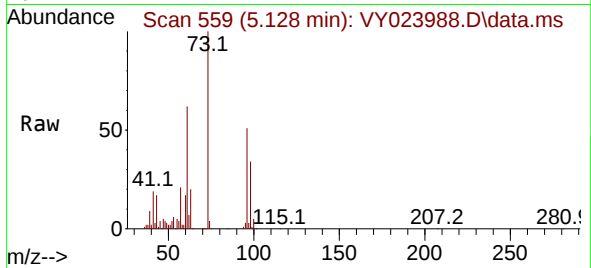
VSTDICCC050

Tgt Ion: 73 Resp: 554836

Ion Ratio Lower Upper

73 100

57 20.7 16.6 24.8



#20

Methylene Chloride

Concen: 47.124 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Tgt Ion: 84 Resp: 250275

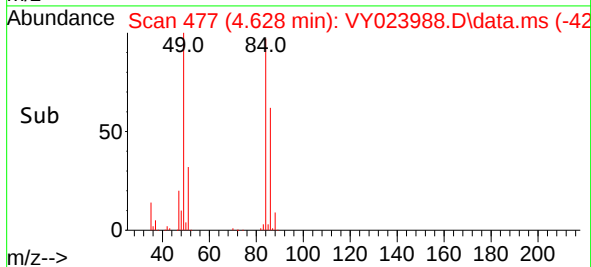
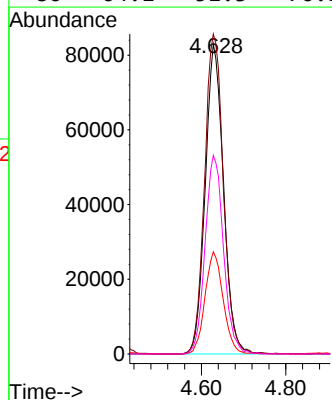
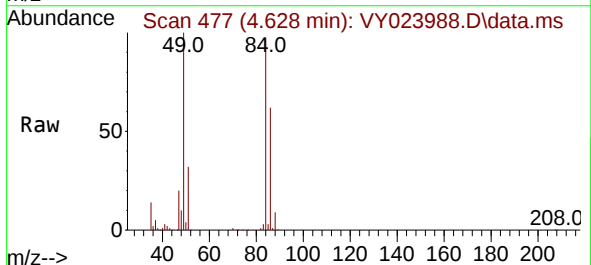
Ion Ratio Lower Upper

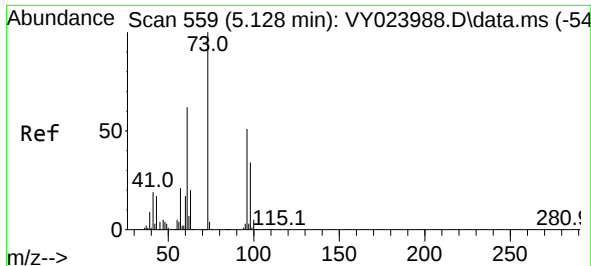
84 100

49 103.3 82.6 124.0

51 33.0 26.4 39.6

86 64.1 51.3 76.9

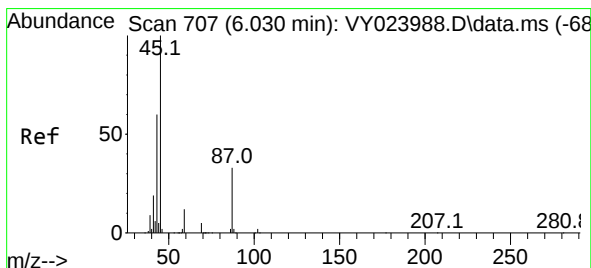
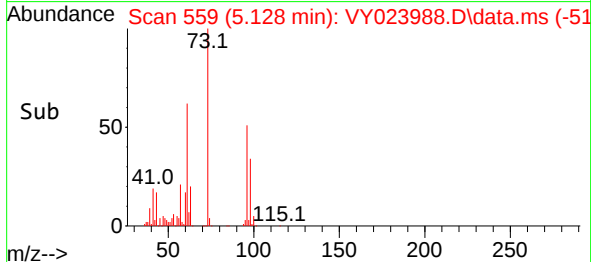
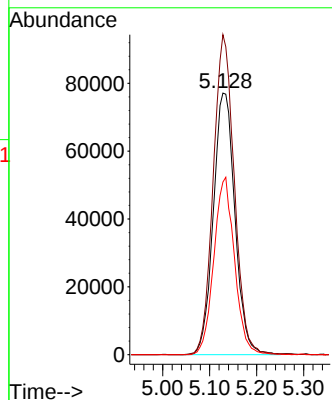
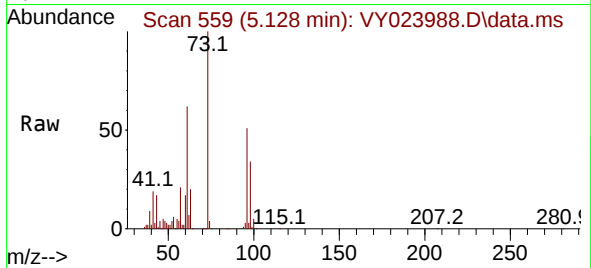




#21
trans-1,2-Dichloroethene
Concen: 53.923 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

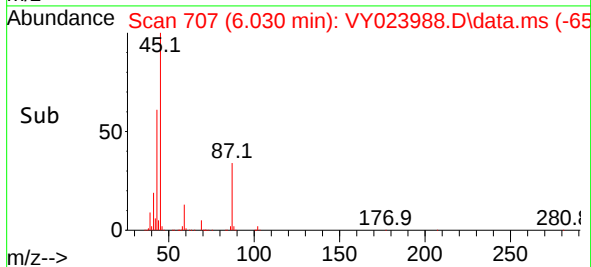
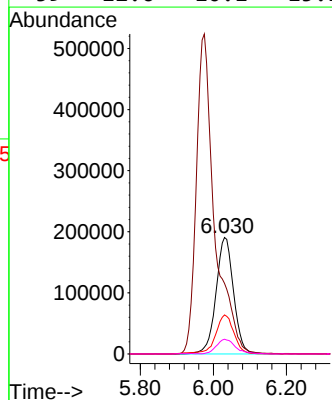
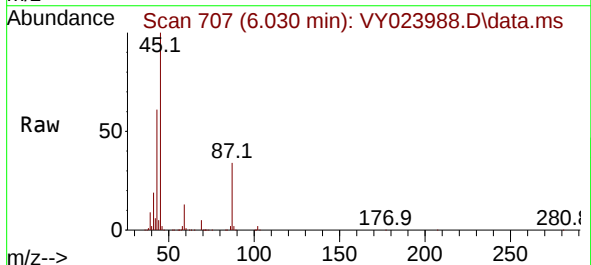
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

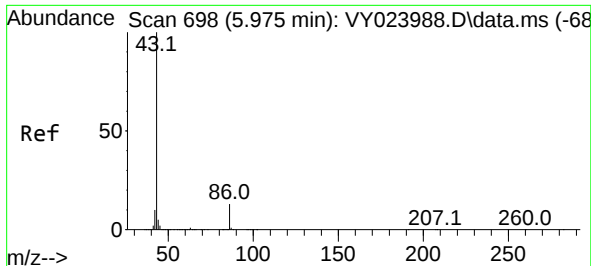
Tgt Ion: 96 Resp: 246491
Ion Ratio Lower Upper
96 100
61 122.3 97.8 146.8
98 66.0 52.8 79.2



#22
Diisopropyl ether
Concen: 54.057 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 45 Resp: 636060
Ion Ratio Lower Upper
45 100
43 60.4 48.3 72.5
87 33.5 26.8 40.2
59 12.6 10.1 15.1

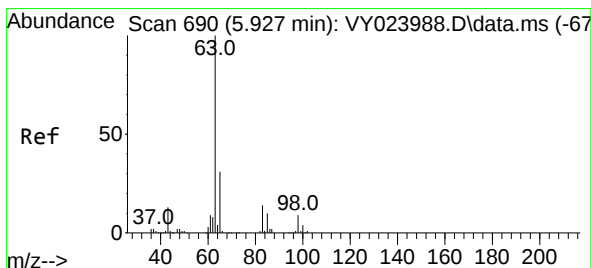
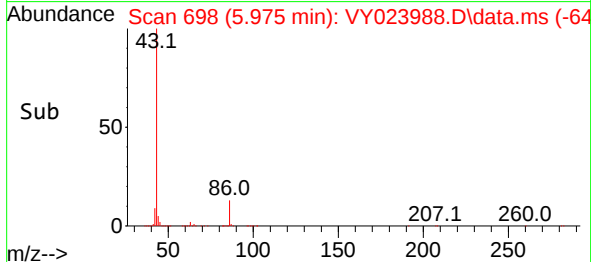
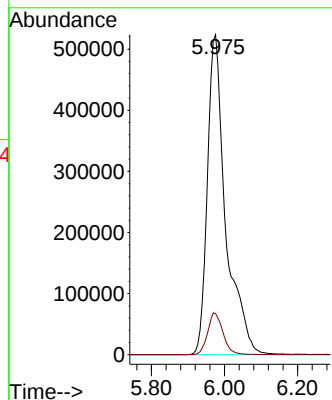
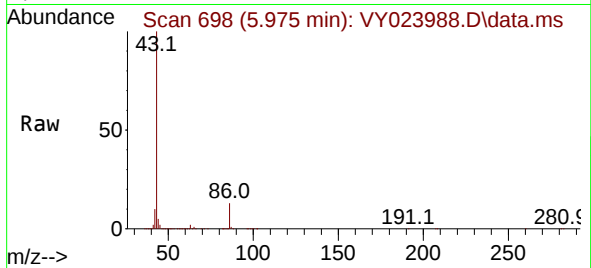




#23
 Vinyl Acetate
 Concen: 283.687 ug/l
 RT: 5.975 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY023988.D
 Acq: 16 Dec 2025 14:29

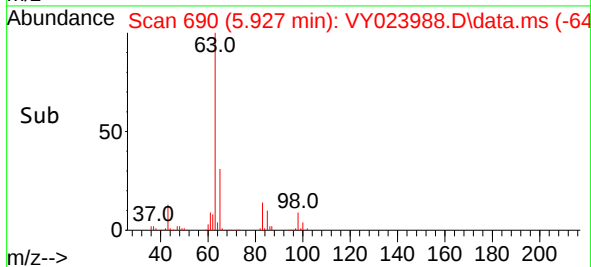
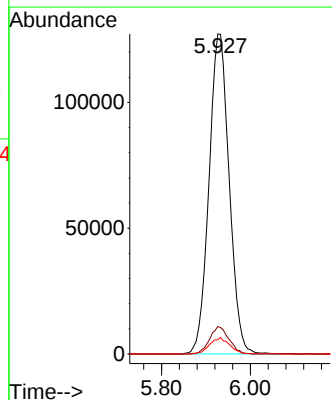
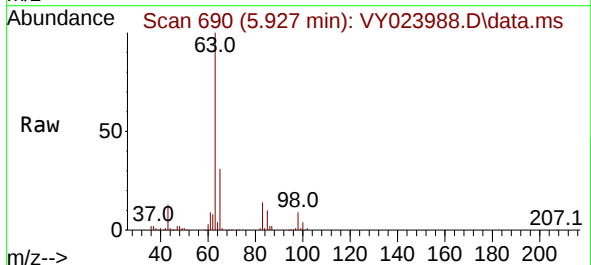
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

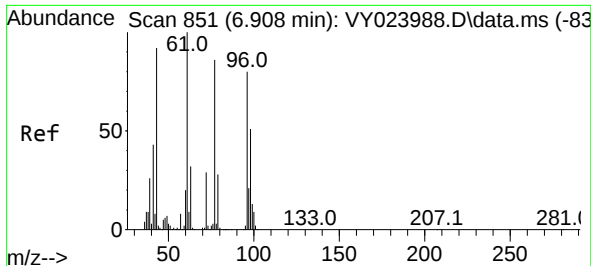
Tgt Ion: 43 Resp: 1817035
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 52.426 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023988.D
 Acq: 16 Dec 2025 14:29

Tgt Ion: 63 Resp: 401393
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.3 12.9
 100 4.4 2.2 6.6

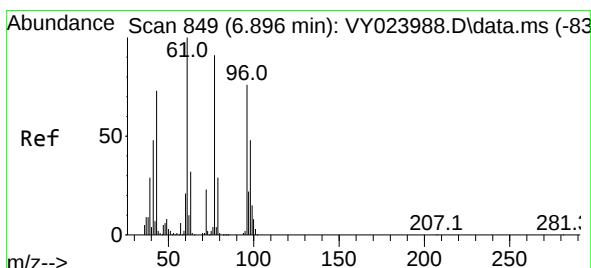
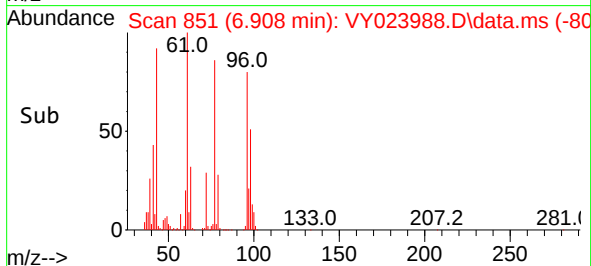
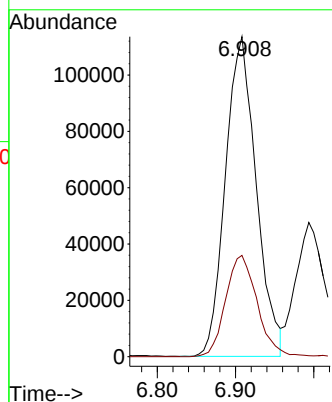
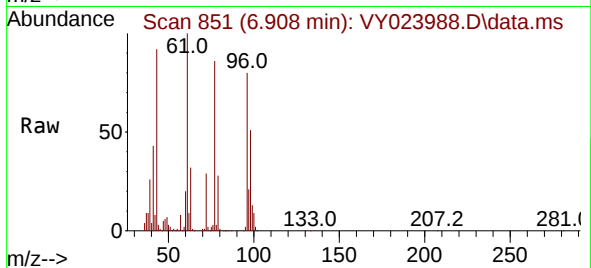




#25
2-Butanone
Concen: 261.097 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

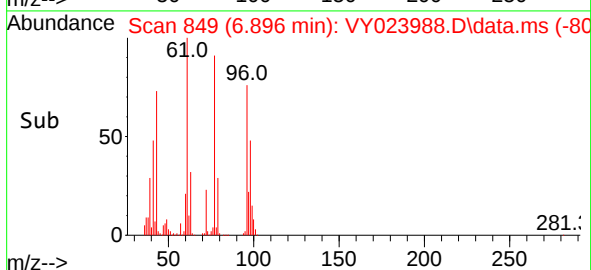
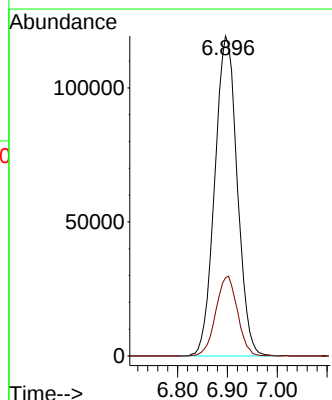
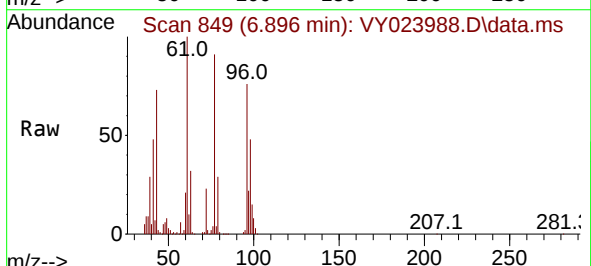
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

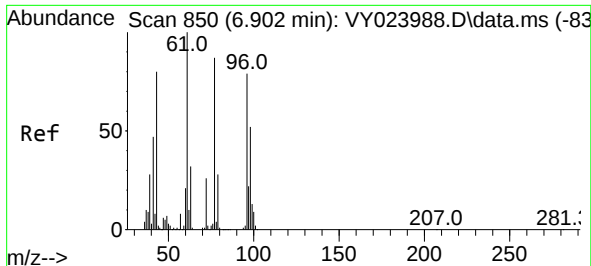
Tgt Ion: 43 Resp: 309714
Ion Ratio Lower Upper
43 100
72 31.7 25.4 38.0



#26
2,2-Dichloropropane
Concen: 52.262 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 77 Resp: 373400
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1

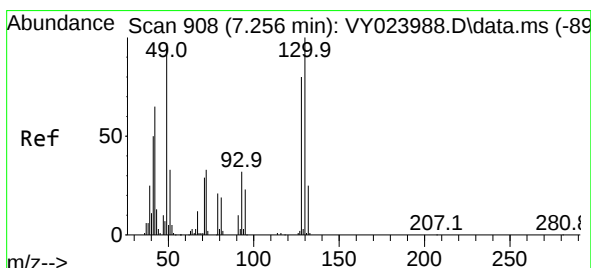
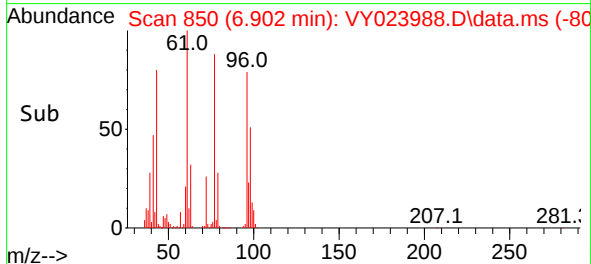
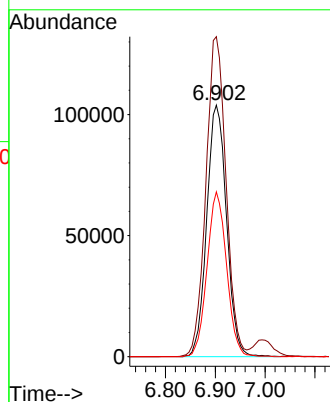
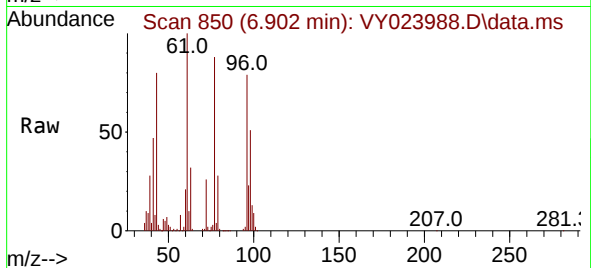




#27
 cis-1,2-Dichloroethene
 Concen: 52.943 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. 0.000 min
 Lab File: VY023988.D
 Acq: 16 Dec 2025 14:29

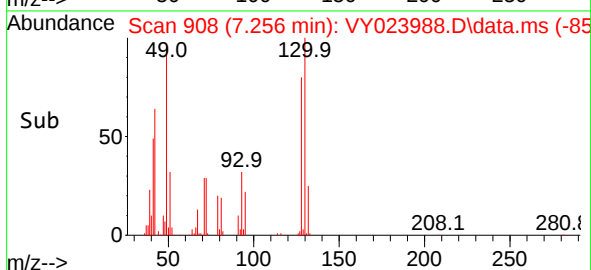
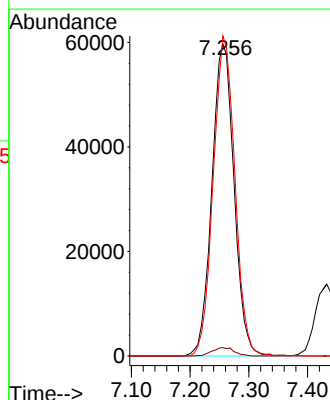
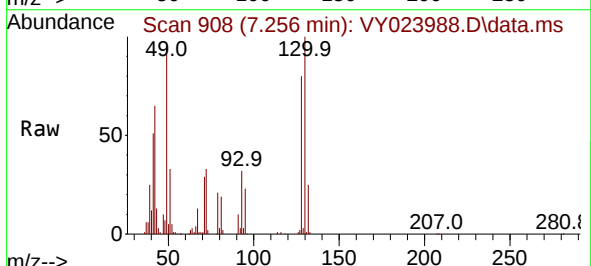
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

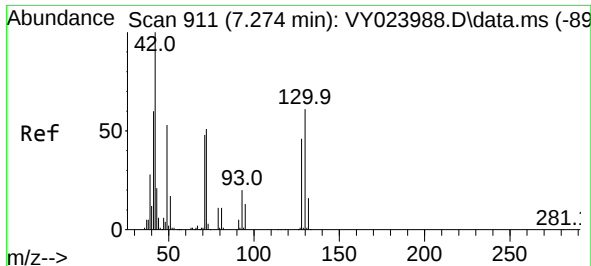
Tgt Ion: 96 Resp: 286671
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 258.8
 98 64.6 0.0 129.2



#28
 Bromochloromethane
 Concen: 51.111 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VY023988.D
 Acq: 16 Dec 2025 14:29

Tgt Ion: 49 Resp: 156173
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.4
 130 100.4 80.3 120.5

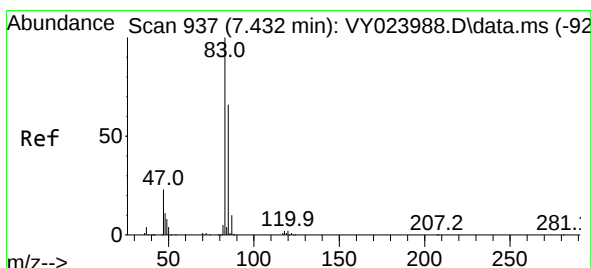
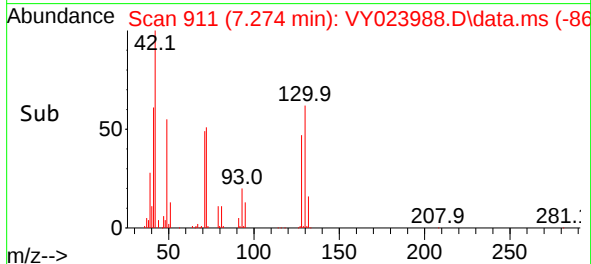
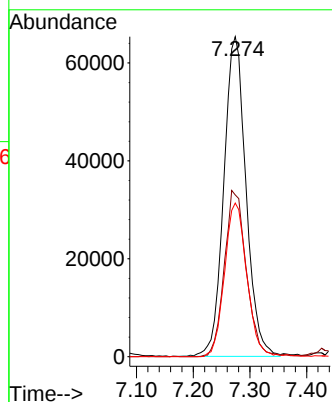
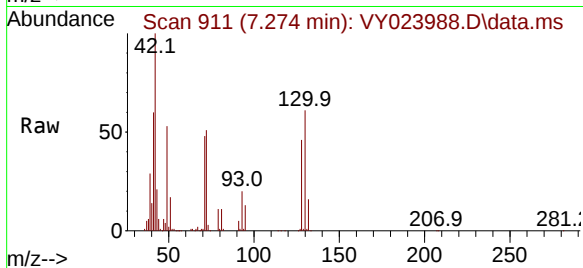




#29
Tetrahydrofuran
Concen: 295.597 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

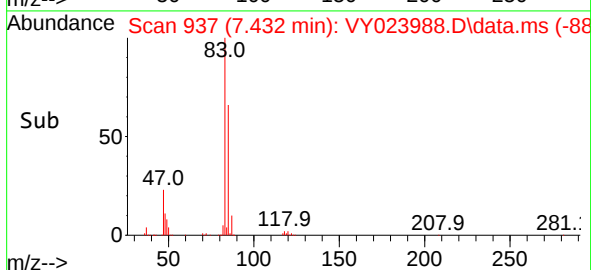
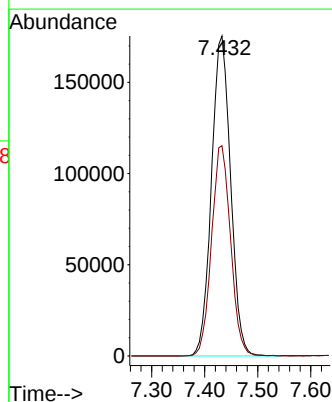
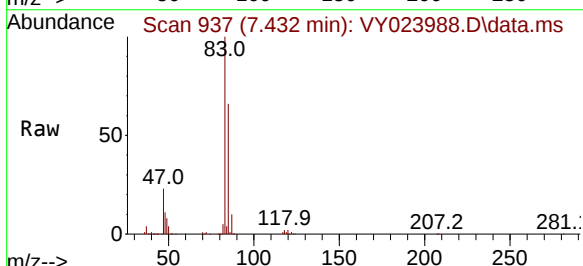
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

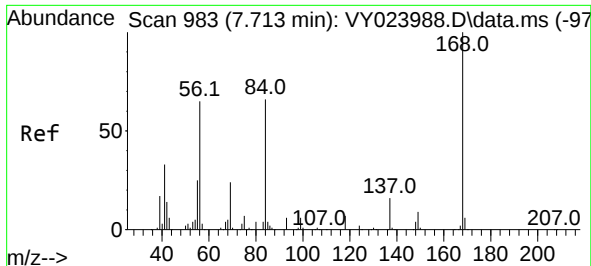
Tgt Ion: 42 Resp: 177525
Ion Ratio Lower Upper
42 100
72 51.7 41.4 62.0
71 48.2 38.6 57.8



#30
Chloroform
Concen: 51.773 ug/l
RT: 7.432 min Scan# 937
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 83 Resp: 439754
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8

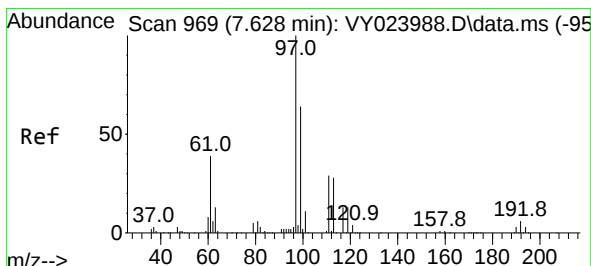
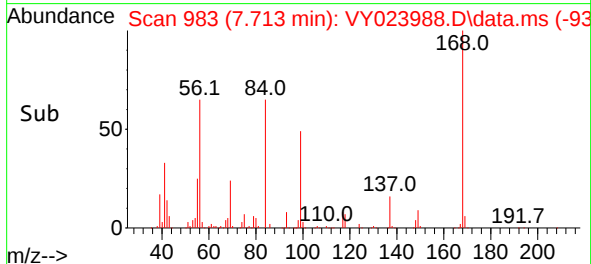
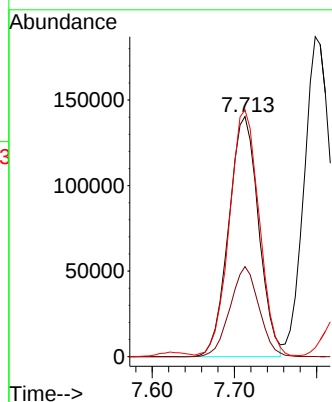
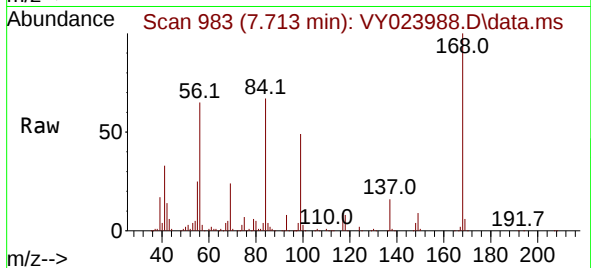




#31
Cyclohexane
Concen: 52.604 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

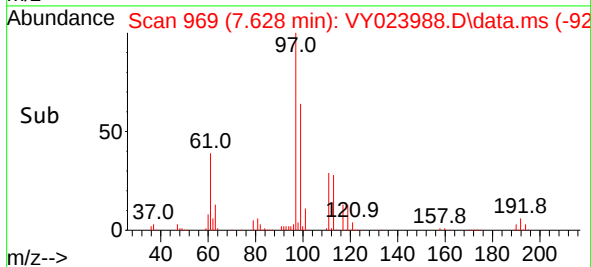
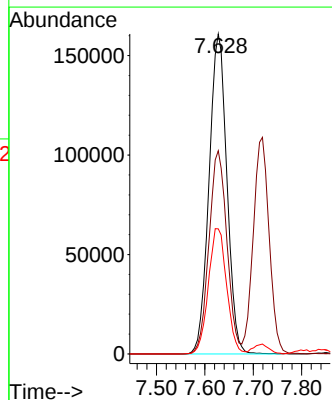
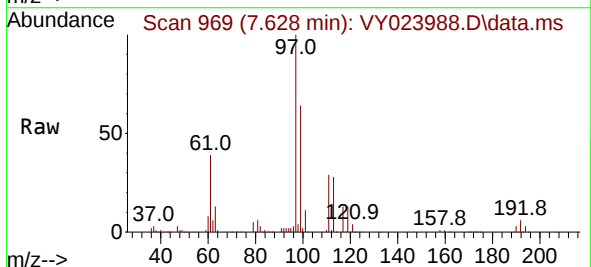
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

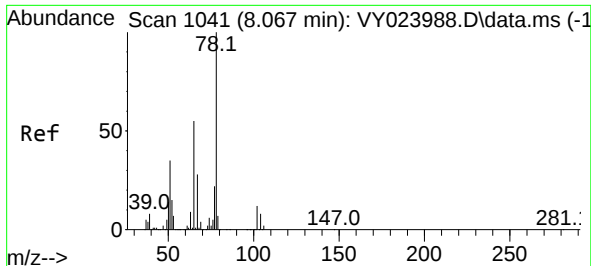
Tgt Ion: 56 Resp: 355841
Ion Ratio Lower Upper
56 100
69 37.5 30.0 45.0
84 101.2 81.0 121.4



#32
1,1,1-Trichloroethane
Concen: 52.326 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 97 Resp: 412278
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 40.2 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 42.816 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

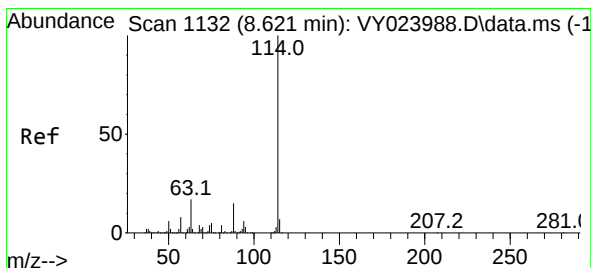
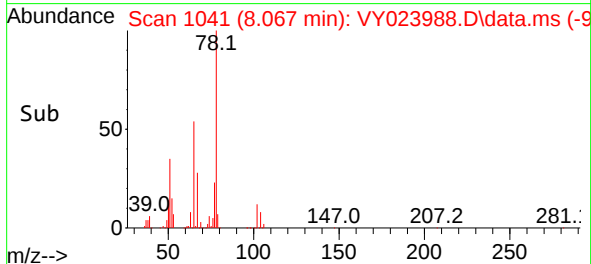
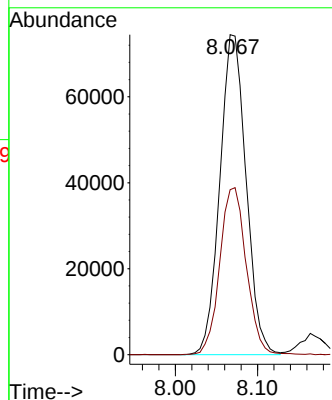
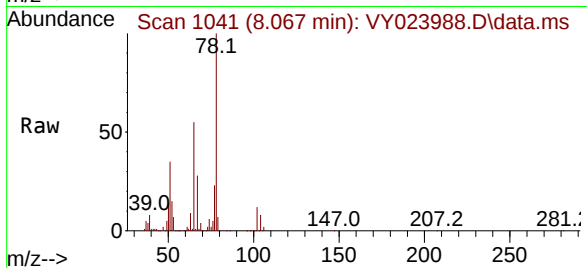
VSTDICCC050

Tgt Ion: 65 Resp: 165471

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

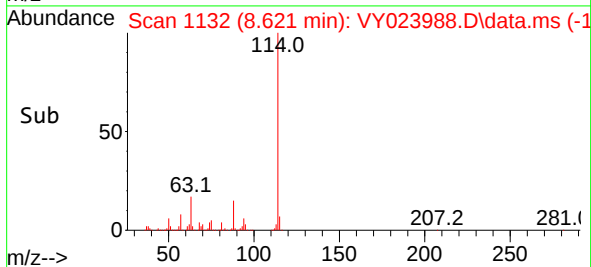
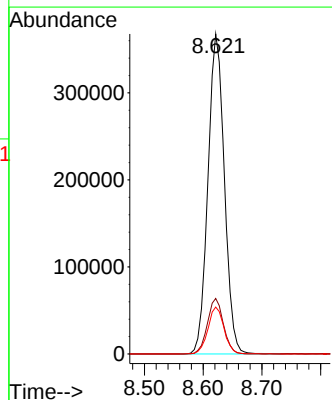
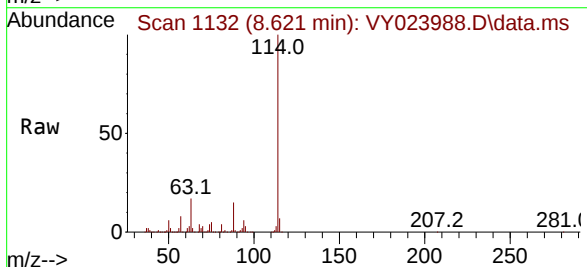
Tgt Ion: 114 Resp: 714723

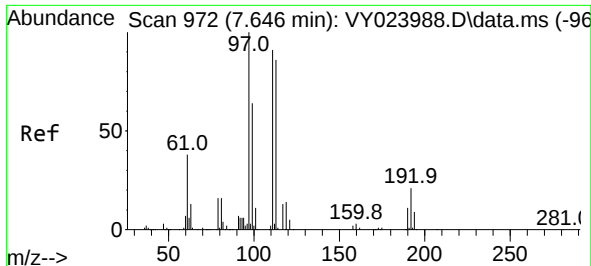
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.6

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 42.414 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

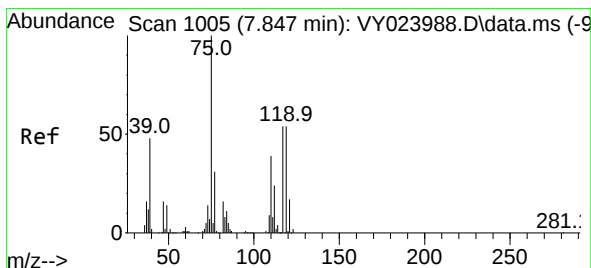
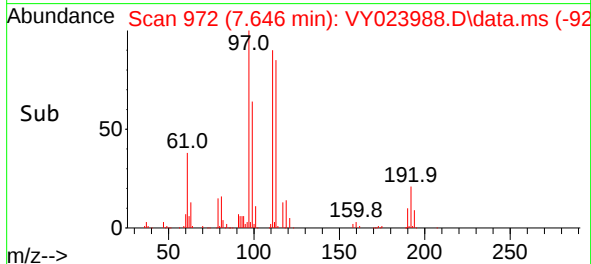
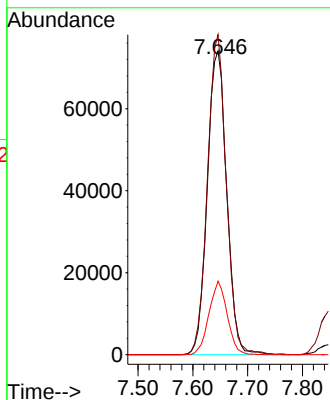
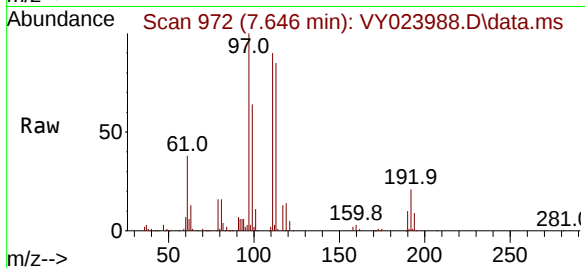
Tgt Ion:113 Resp: 181413

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

192 22.8 18.2 27.4



#36

1,1-Dichloropropene

Concen: 53.277 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

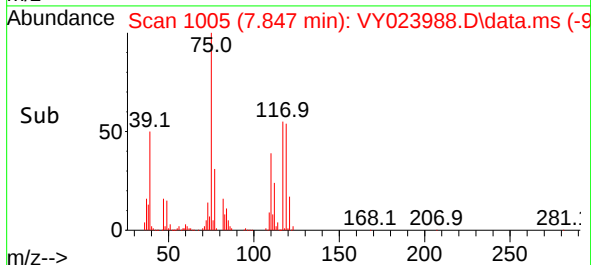
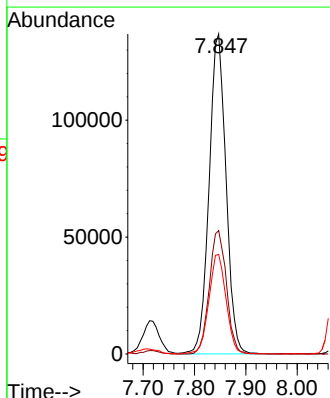
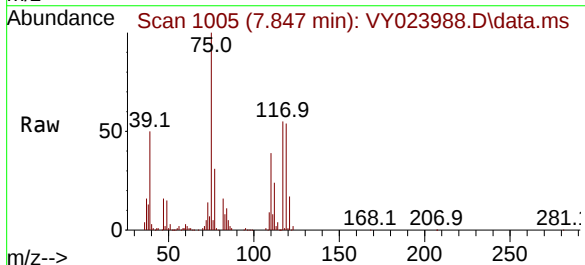
Tgt Ion: 75 Resp: 312337

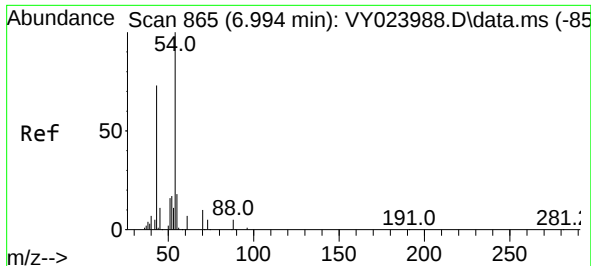
Ion Ratio Lower Upper

75 100

110 39.2 19.6 58.8

77 31.7 25.4 38.0





#37

Ethyl Acetate

Concen: 57.241 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

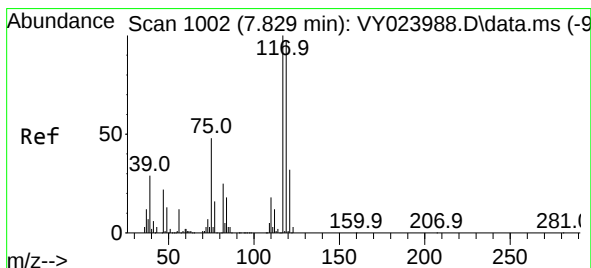
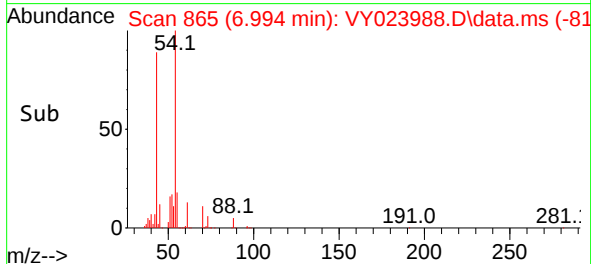
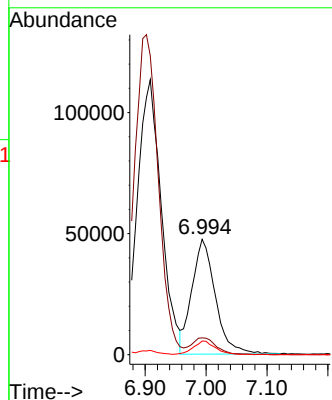
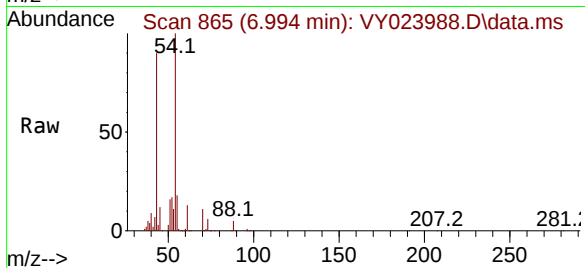
MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 127032

Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.6	18.8
70	11.3	9.0	13.6



#38

Carbon Tetrachloride

Concen: 52.052 ug/l

RT: 7.829 min Scan# 1002

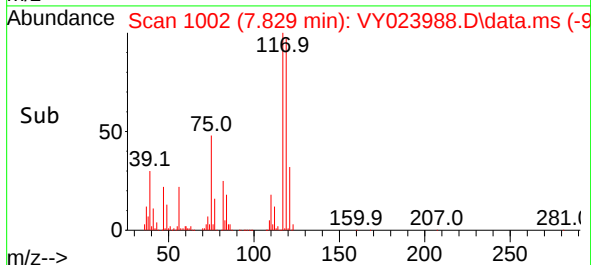
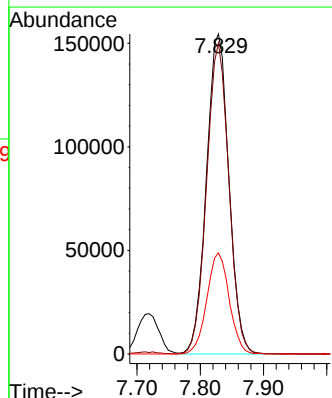
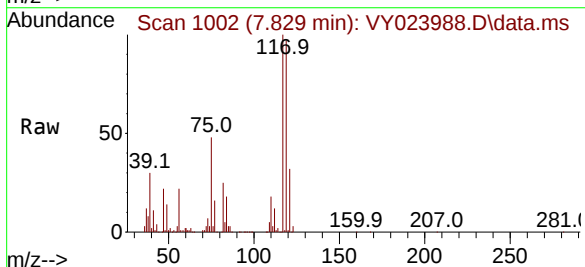
Delta R.T. 0.000 min

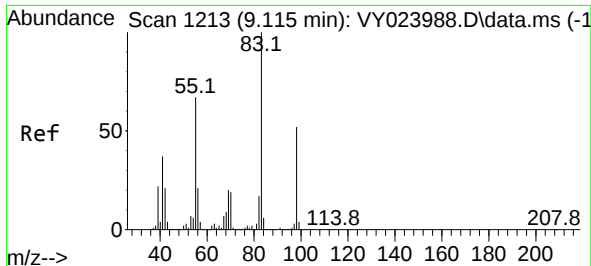
Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Tgt Ion: 117 Resp: 382251

Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.7	116.5
121	31.6	25.3	37.9

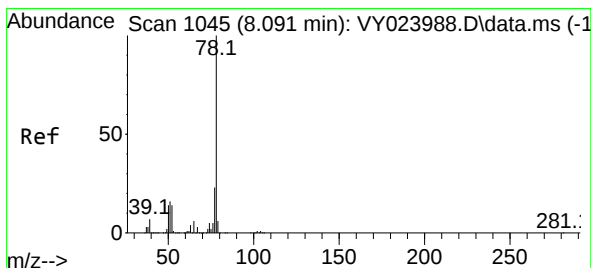
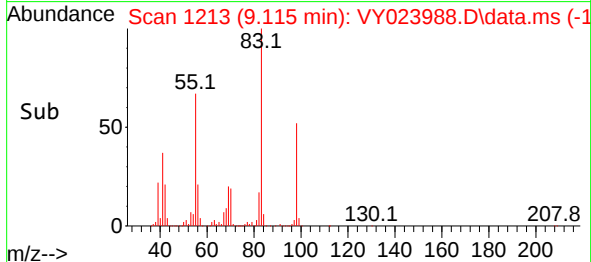
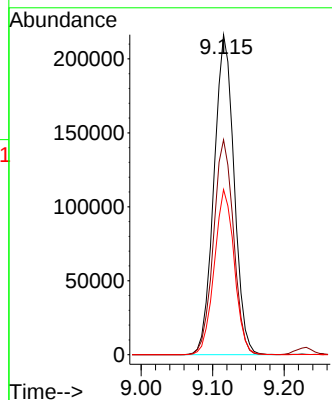
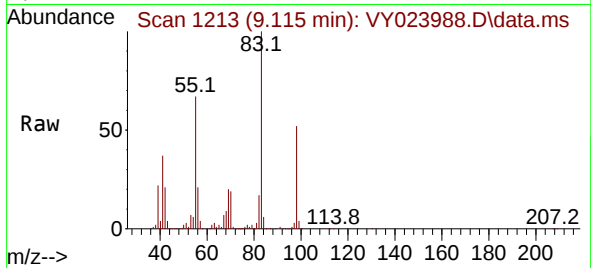




#39
Methylcyclohexane
Concen: 54.132 ug/l
RT: 9.115 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

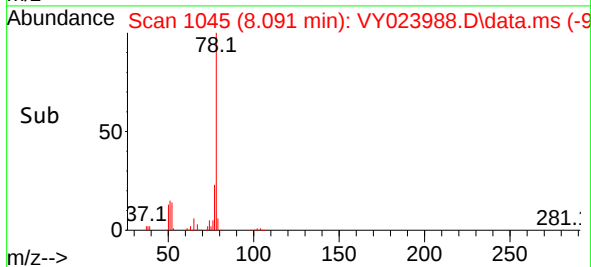
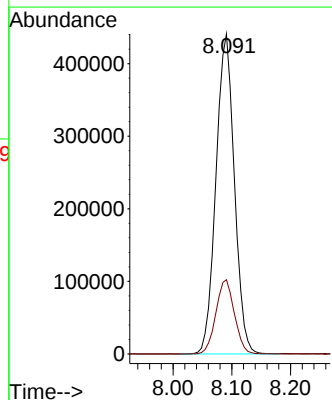
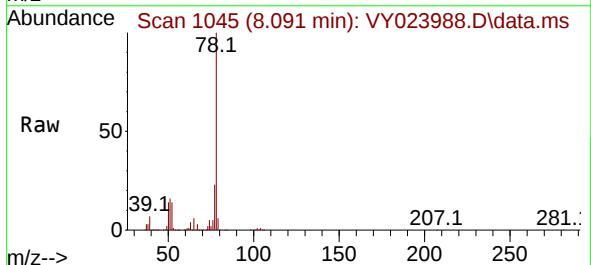
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

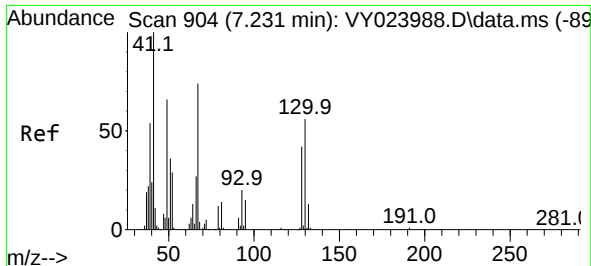
Tgt Ion: 83 Resp: 423133
Ion Ratio Lower Upper
83 100
55 67.2 53.8 80.6
98 51.6 41.3 61.9



#40
Benzene
Concen: 53.336 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 78 Resp: 958721
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8



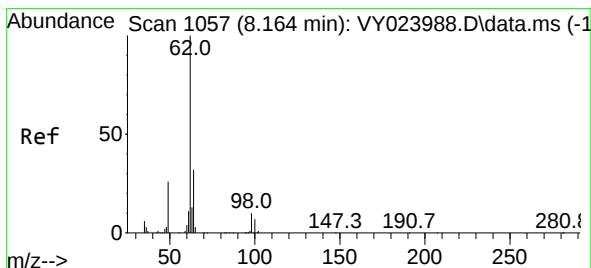
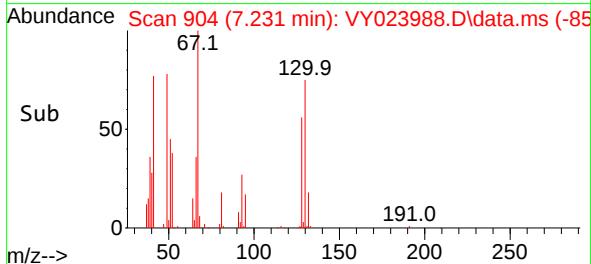
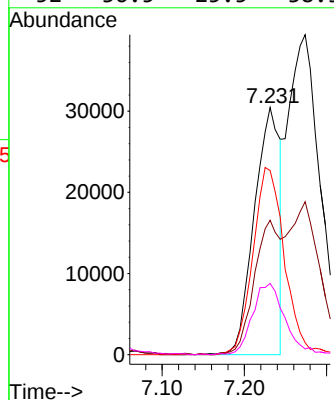
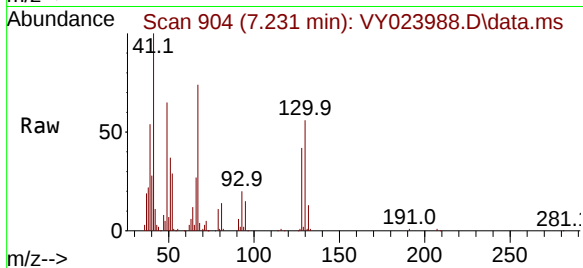


#41
Methacrylonitrile
Concen: 49.235 ug/l
RT: 7.231 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 65978

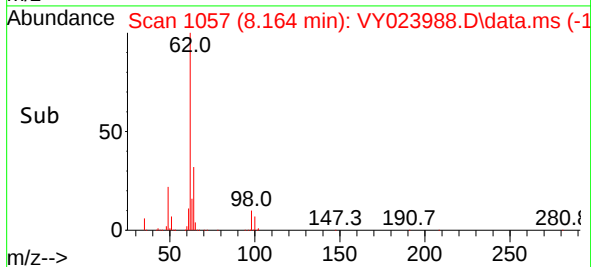
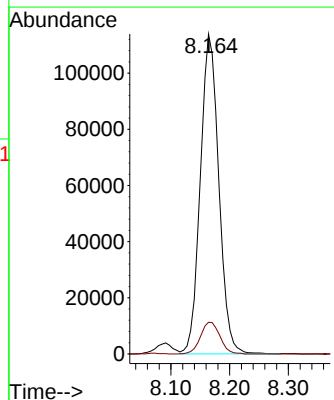
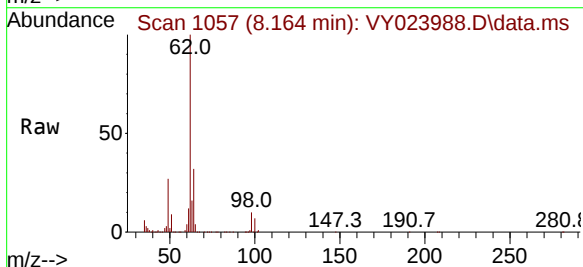
Ion	Ratio	Lower	Upper
41	100		
39	54.3	37.9	56.9
67	93.9	65.6	98.4
52	36.5	25.5	38.3

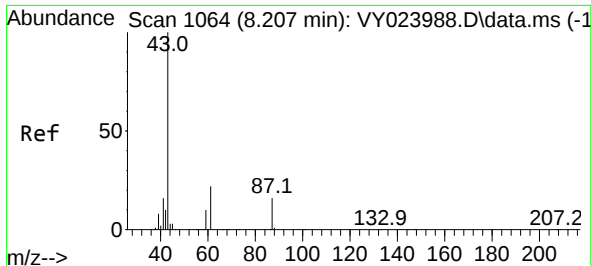


#42
1,2-Dichloroethane
Concen: 53.767 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 62 Resp: 249013

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8

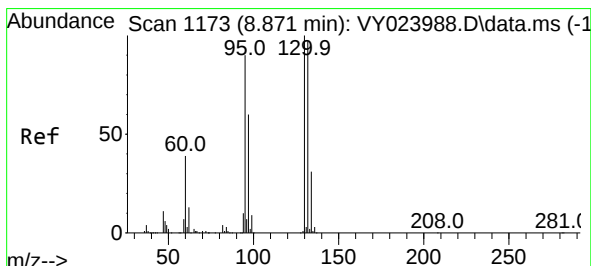
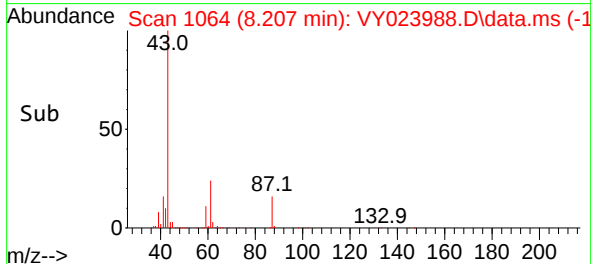
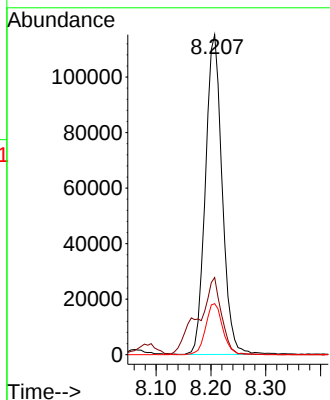
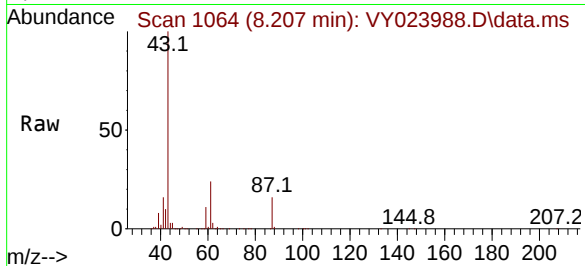




#43
Isopropyl Acetate
Concen: 56.675 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

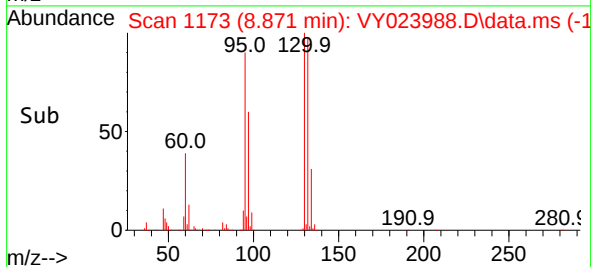
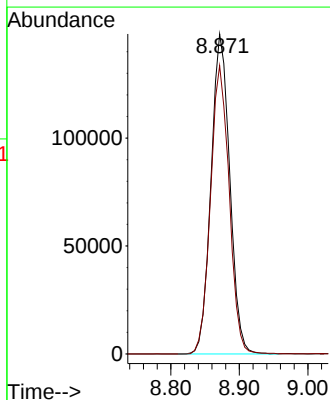
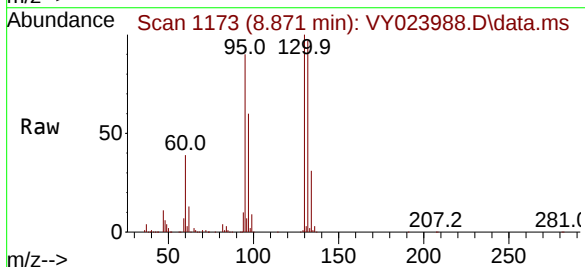
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

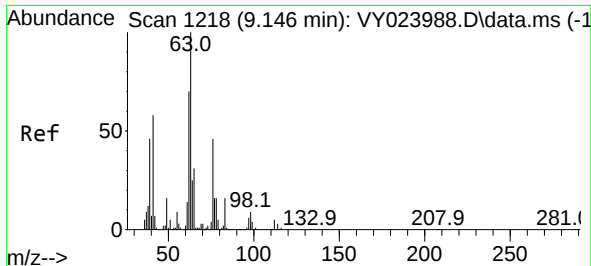
Tgt Ion: 43 Resp: 243293
Ion Ratio Lower Upper
43 100
61 33.2 26.6 39.8
87 16.4 13.1 19.7



#44
Trichloroethene
Concen: 53.087 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion:130 Resp: 281210
Ion Ratio Lower Upper
130 100
95 90.1 0.0 180.2





#45

1,2-Dichloropropane

Concen: 52.732 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

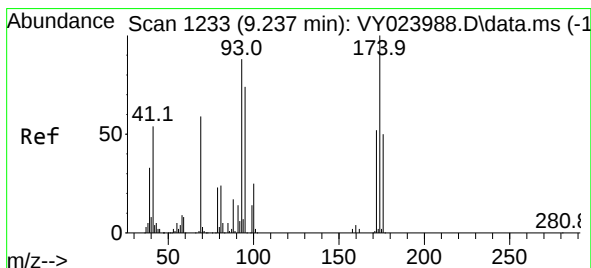
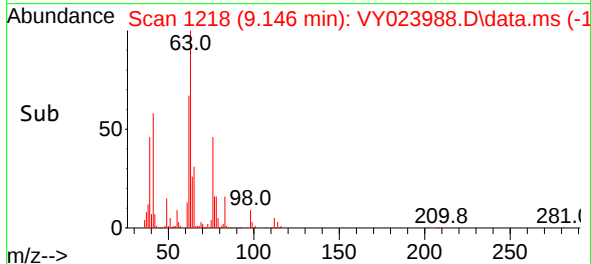
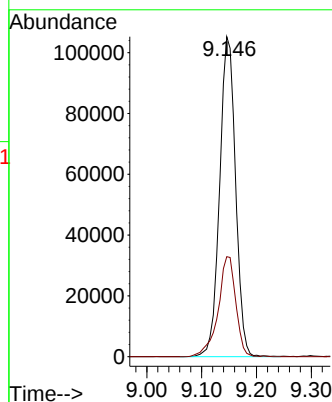
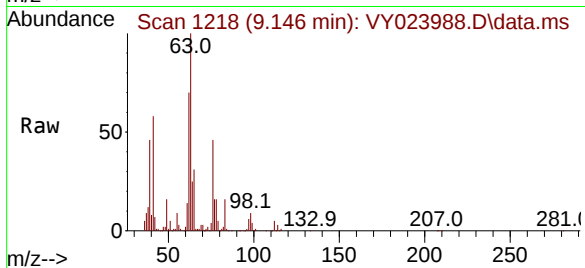
VSTDICCC050

Tgt Ion: 63 Resp: 212849

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



#46

Dibromomethane

Concen: 54.349 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

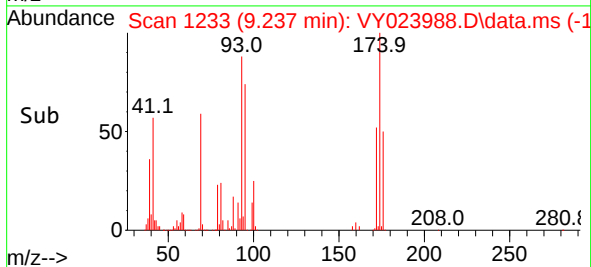
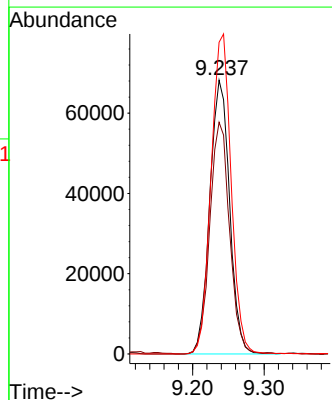
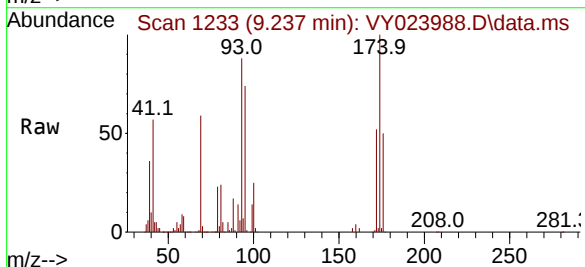
Tgt Ion: 93 Resp: 131553

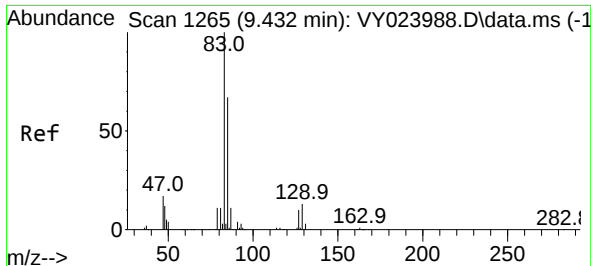
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

174 118.2 94.6 141.8

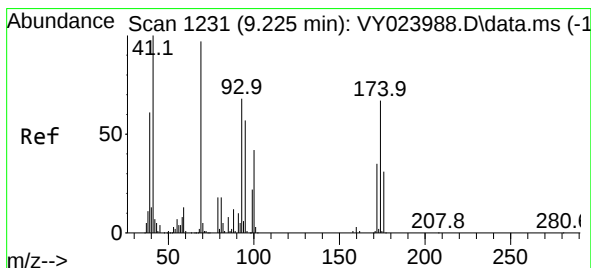
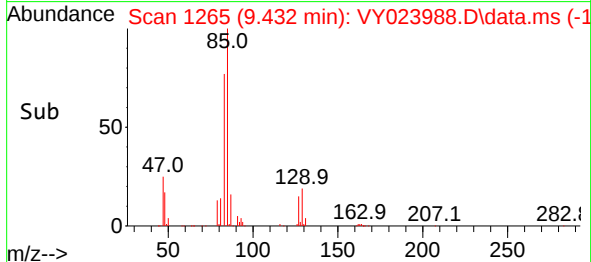
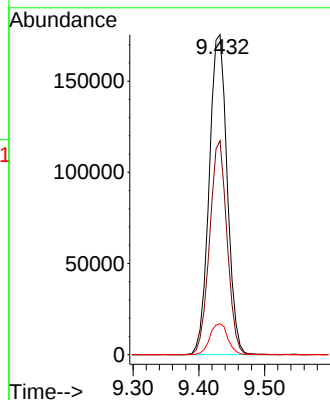
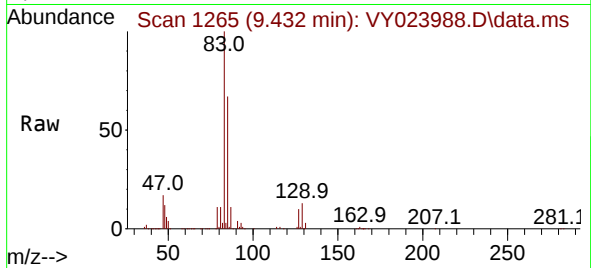




#47
Bromodichloromethane
Concen: 53.133 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

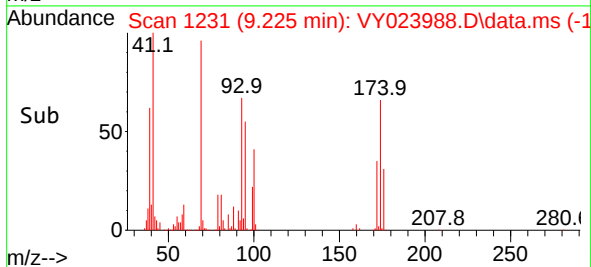
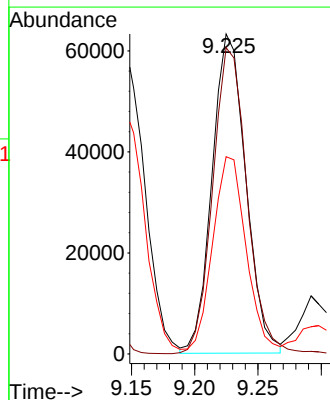
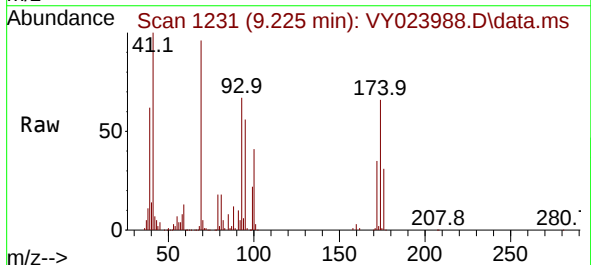
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

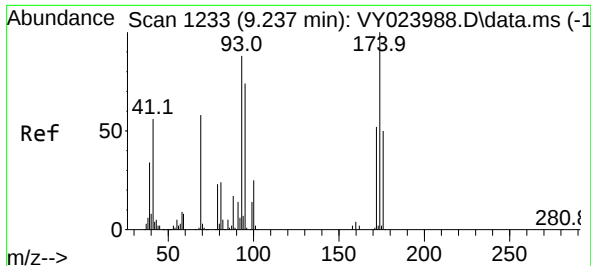
Tgt Ion: 83 Resp: 333677
Ion Ratio Lower Upper
83 100
85 66.9 53.5 80.3
127 9.7 7.8 11.6



#48
Methyl methacrylate
Concen: 56.044 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 41 Resp: 117263
Ion Ratio Lower Upper
41 100
69 97.8 78.2 117.4
39 59.0 47.2 70.8





#49

1,4-Dioxane

Concen: 1159.154 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

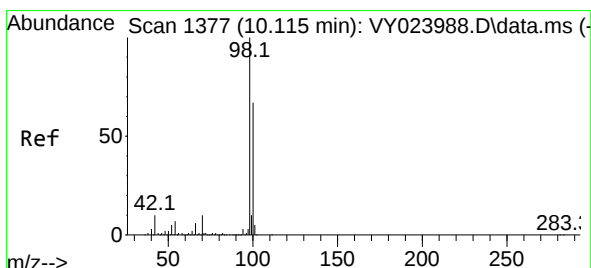
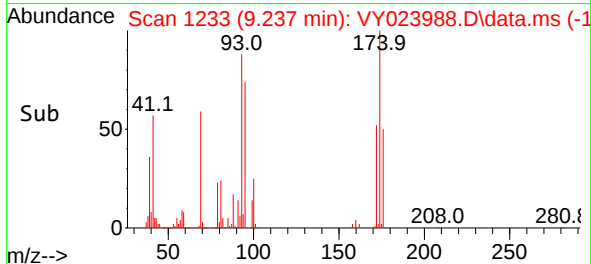
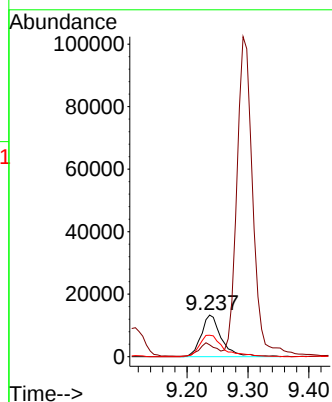
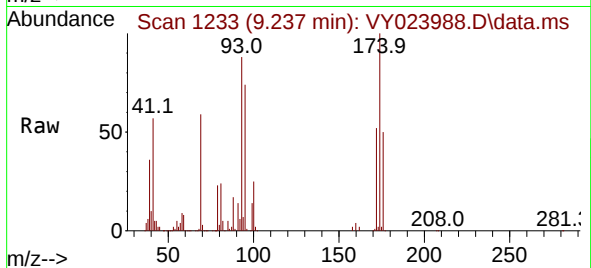
Tgt Ion: 88 Resp: 30560

Ion Ratio Lower Upper

88 100

43 26.2 21.0 31.4

58 61.1 48.9 73.3



#50

Toluene-d8

Concen: 42.909 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY023988.D

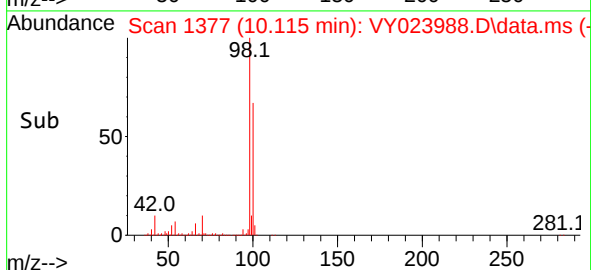
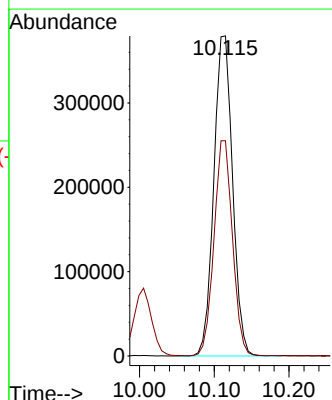
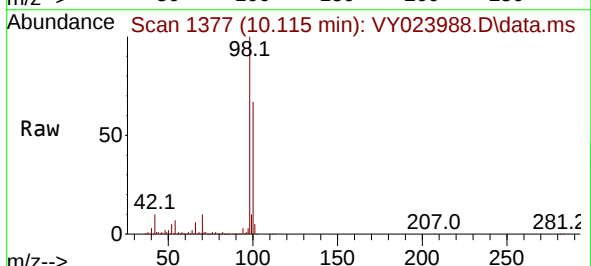
Acq: 16 Dec 2025 14:29

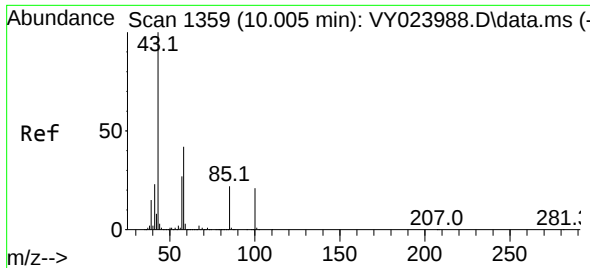
Tgt Ion: 98 Resp: 662245

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6

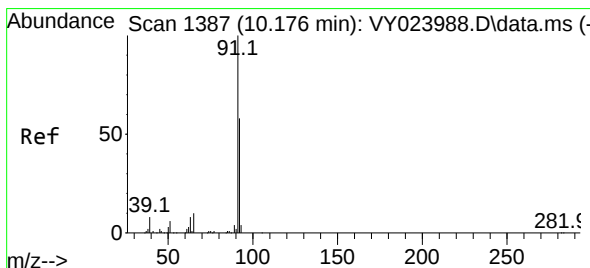
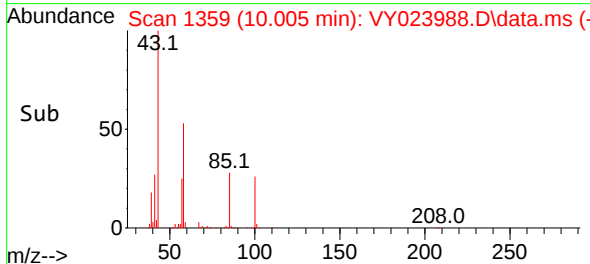
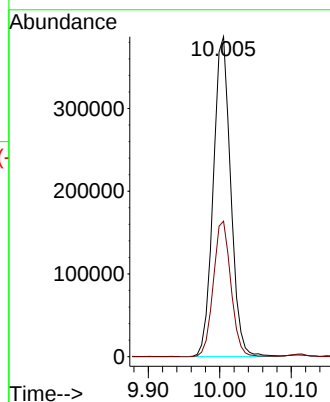
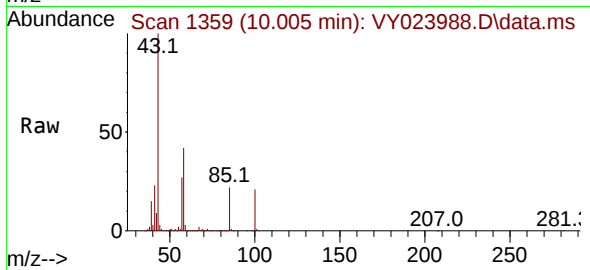




#51
4-Methyl-2-Pentanone
Concen: 291.373 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

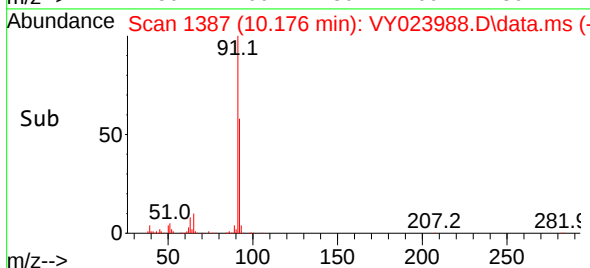
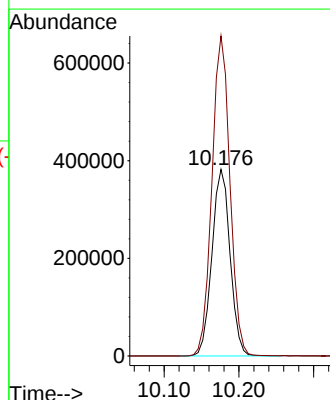
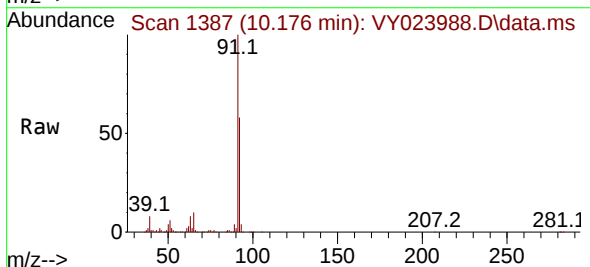
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

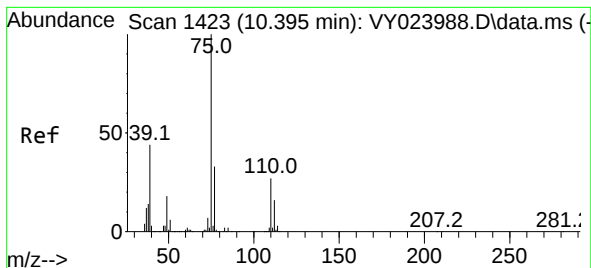
Tgt Ion: 43 Resp: 654740
Ion Ratio Lower Upper
43 100
58 42.8 34.2 51.4



#52
Toluene
Concen: 51.546 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 92 Resp: 644990
Ion Ratio Lower Upper
92 100
91 170.9 136.7 205.1

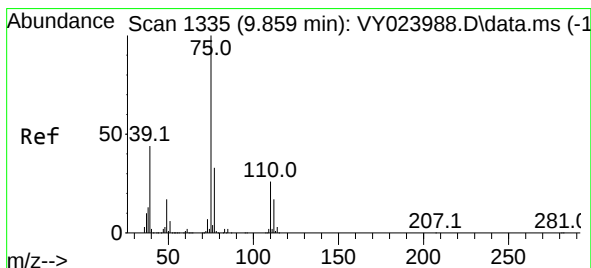
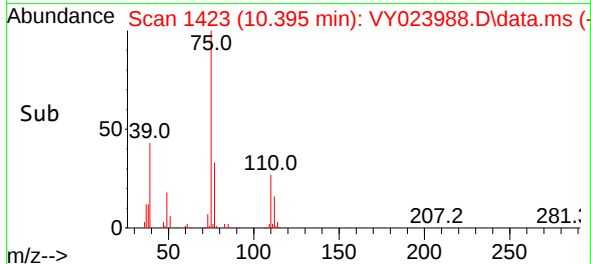
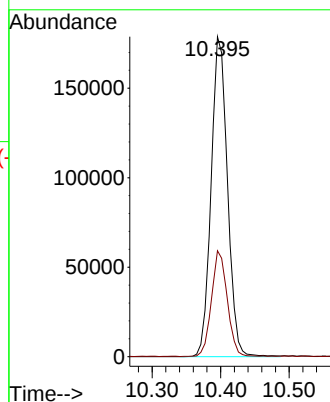
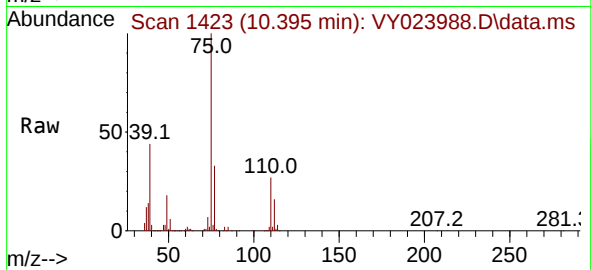




#53
 t-1,3-Dichloropropene
 Concen: 55.489 ug/l
 RT: 10.395 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023988.D
 Acq: 16 Dec 2025 14:29

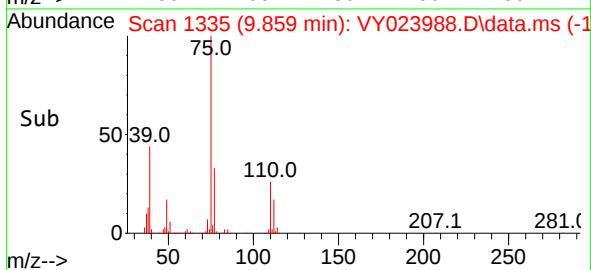
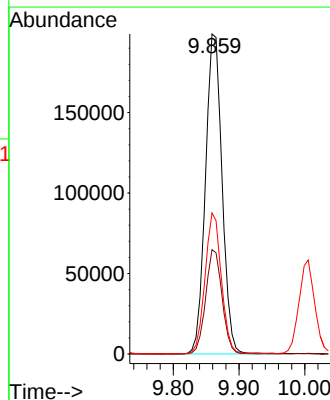
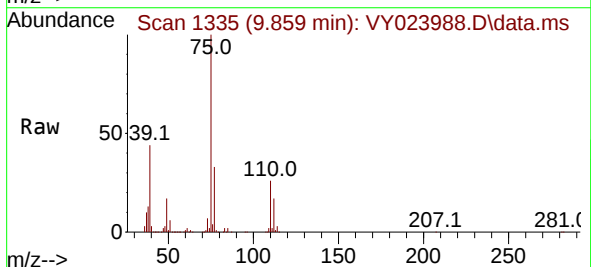
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

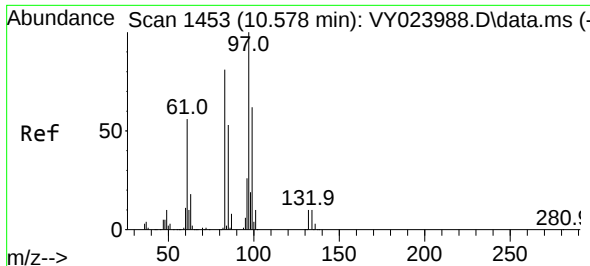
Tgt Ion: 75 Resp: 296181
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.837 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY023988.D
 Acq: 16 Dec 2025 14:29

Tgt Ion: 75 Resp: 350672
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1
 39 44.0 35.2 52.8

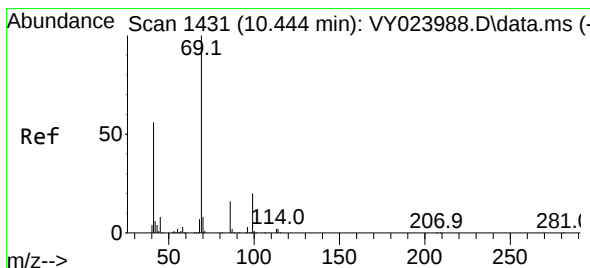
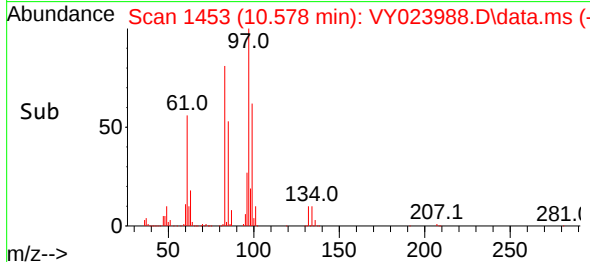
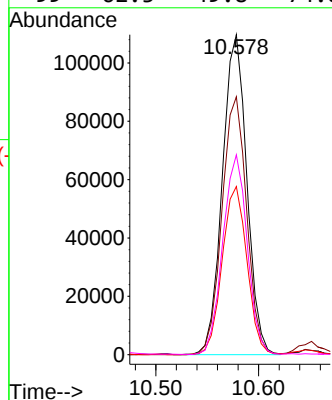
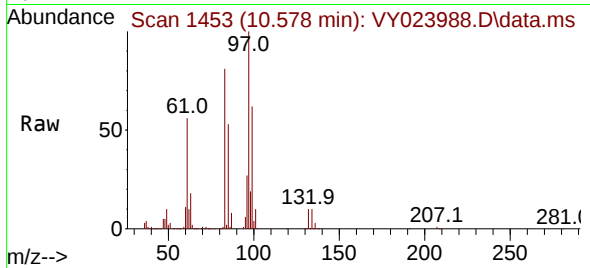




#55
1,1,2-Trichloroethane
Concen: 54.500 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

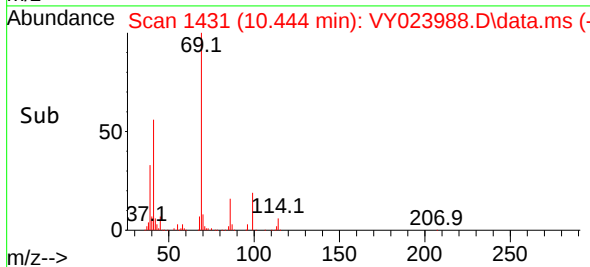
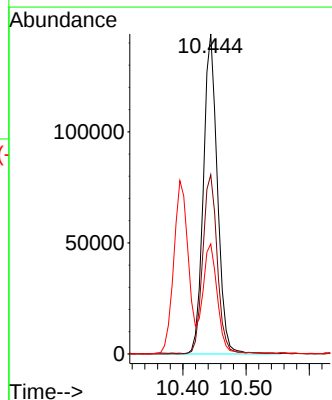
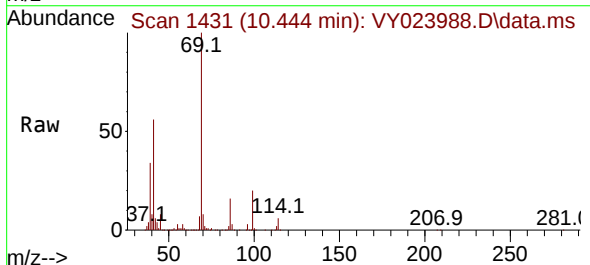
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

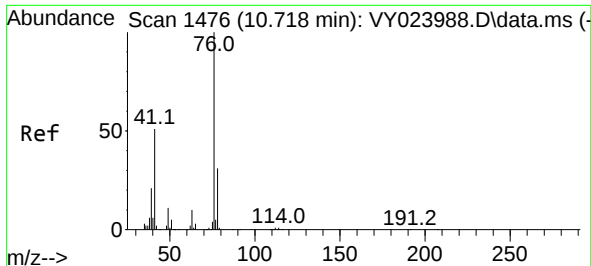
Tgt Ion:	97	Resp:	181191
Ion	Ratio	Lower	Upper
97	100		
83	80.6	64.5	96.7
85	52.5	42.0	63.0
99	62.3	49.8	74.8



#56
Ethyl methacrylate
Concen: 45.390 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion:	69	Resp:	222723
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.2	69.4
39	35.1	28.1	42.1





#57

1,3-Dichloropropane

Concen: 54.980 ug/l

RT: 10.718 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

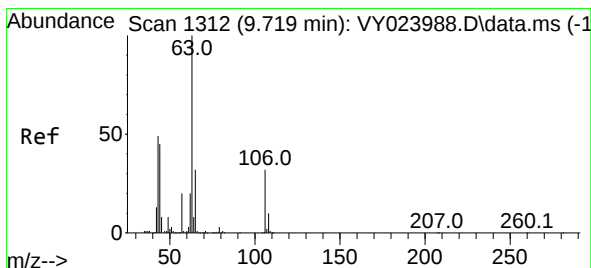
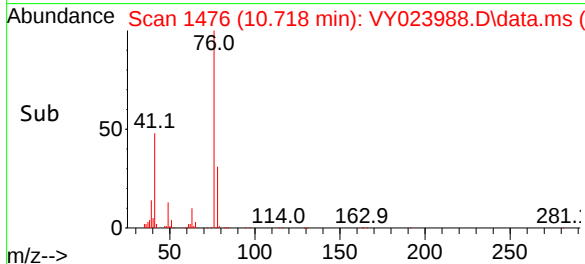
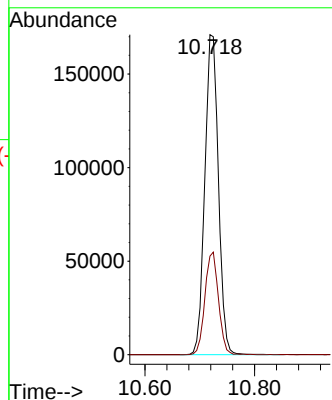
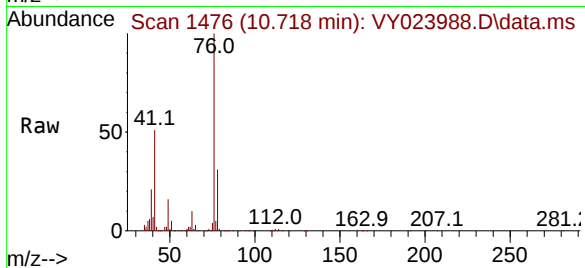
VSTDICCC050

Tgt Ion: 76 Resp: 293058

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 223.413 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY023988.D

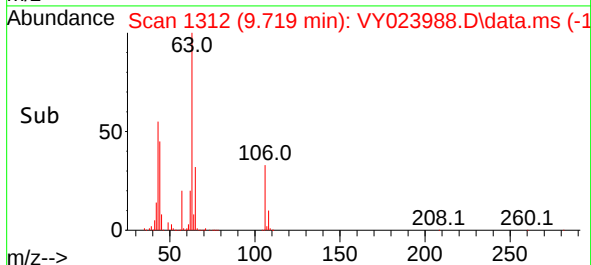
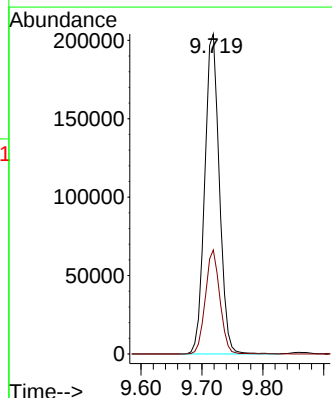
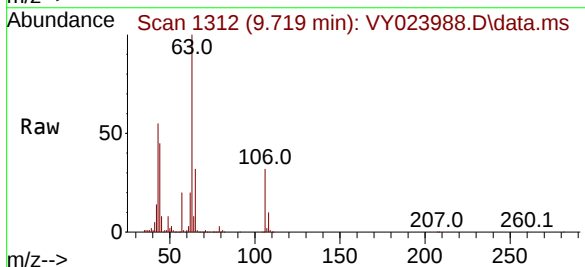
Acq: 16 Dec 2025 14:29

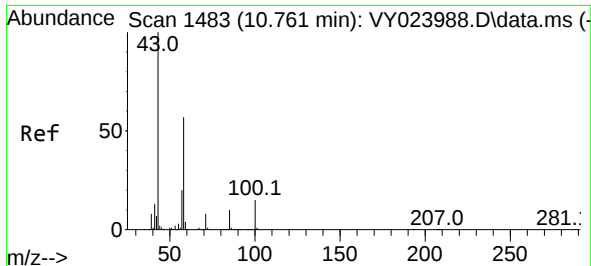
Tgt Ion: 63 Resp: 340819

Ion Ratio Lower Upper

63 100

106 32.3 25.8 38.8

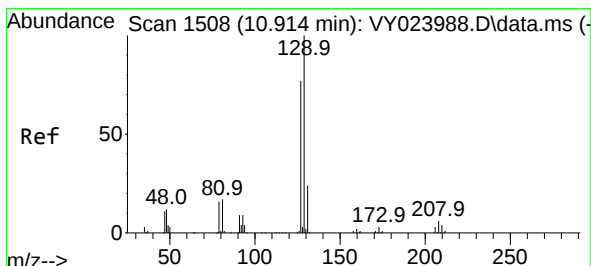
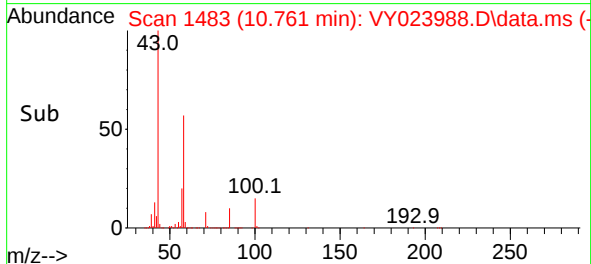
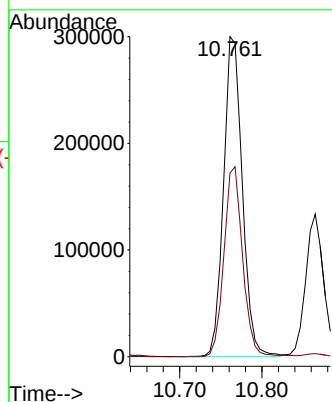
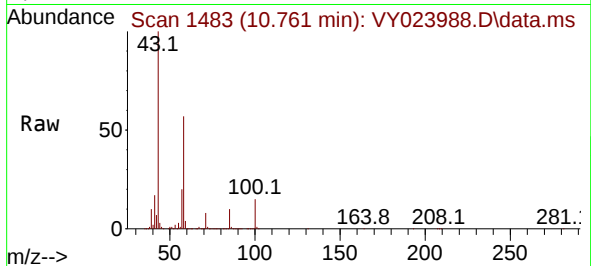




#59
2-Hexanone
Concen: 281.584 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

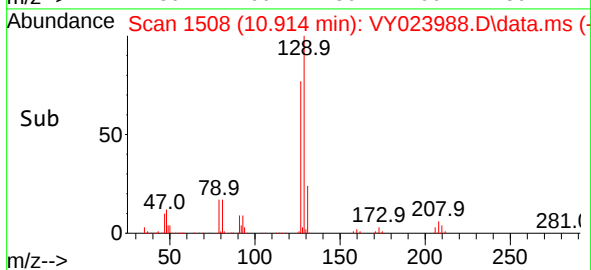
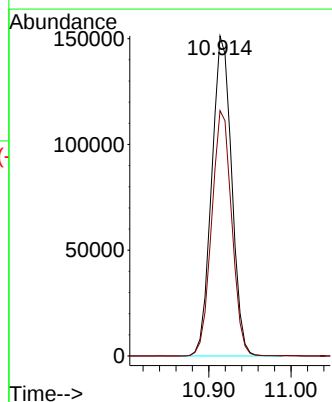
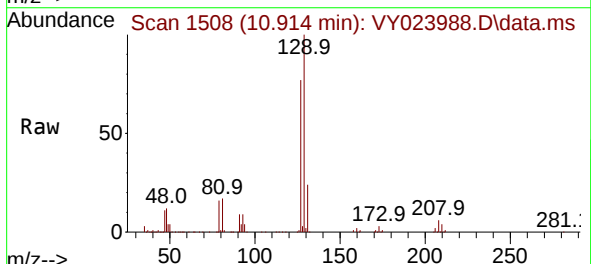
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

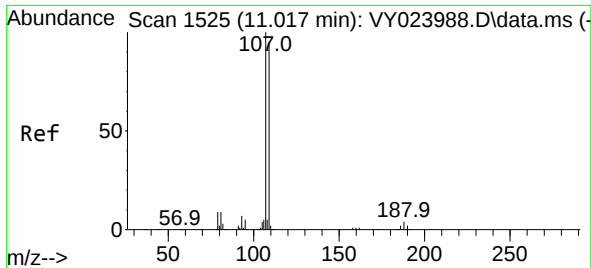
Tgt Ion: 43 Resp: 475506
Ion Ratio Lower Upper
43 100
58 59.3 29.6 88.9



#60
Dibromochloromethane
Concen: 54.634 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 129 Resp: 255441
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

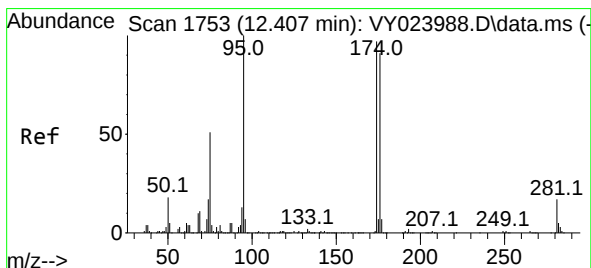
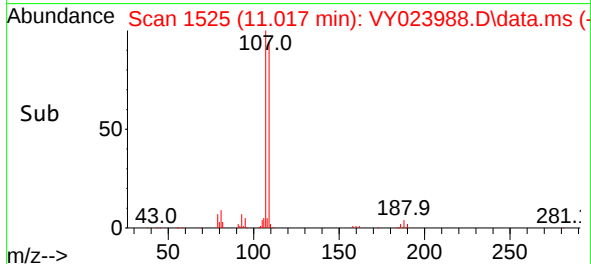
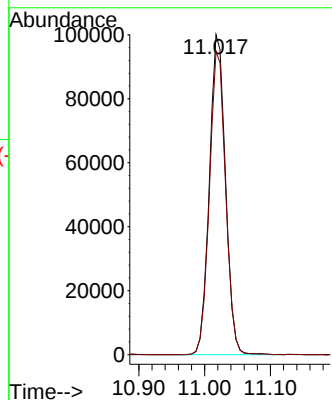
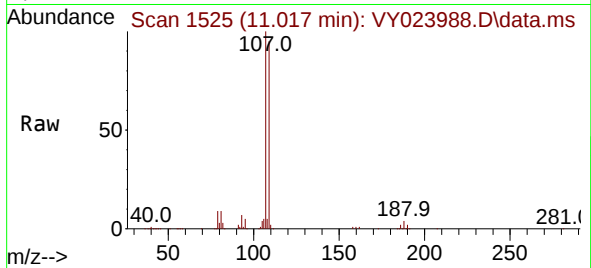




#61
1,2-Dibromoethane
Concen: 55.375 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

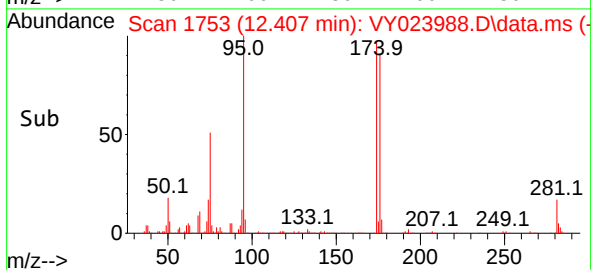
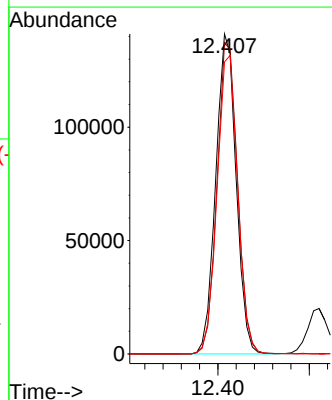
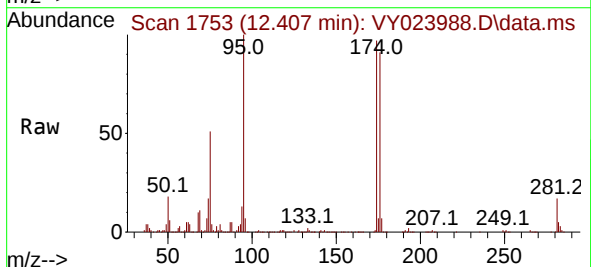
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

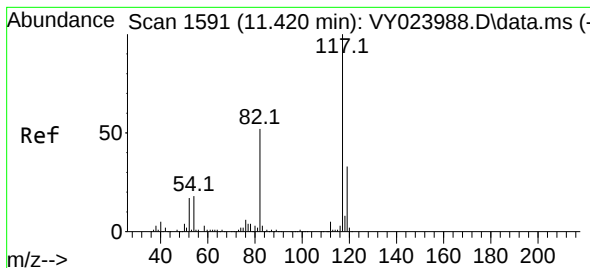
Tgt Ion:107 Resp: 170467
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 43.134 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 95 Resp: 218196
Ion Ratio Lower Upper
95 100
174 98.3 0.0 196.6
176 94.8 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

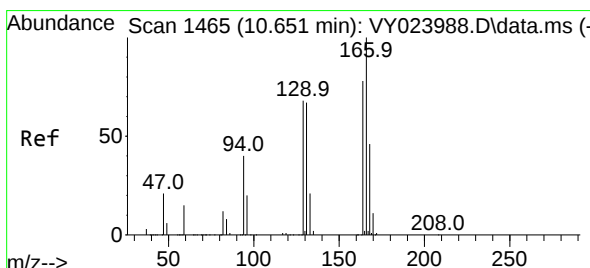
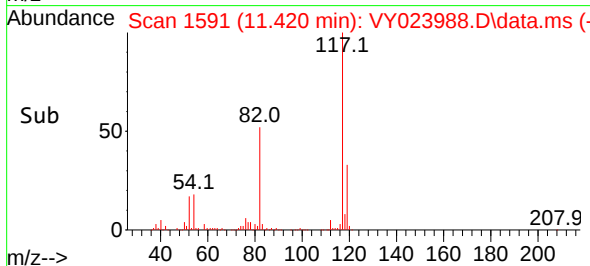
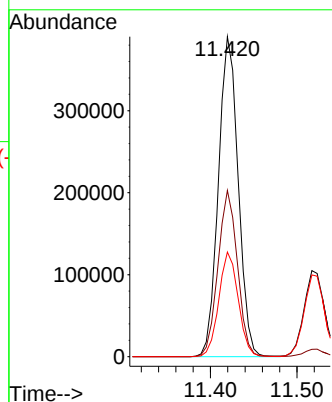
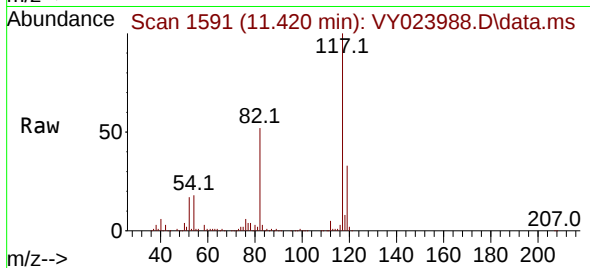
Tgt Ion:117 Resp: 619444

Ion Ratio Lower Upper

117 100

82 52.0 41.6 62.4

119 32.7 26.2 39.2



#64

Tetrachloroethene

Concen: 53.770 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Tgt Ion:164 Resp: 341743

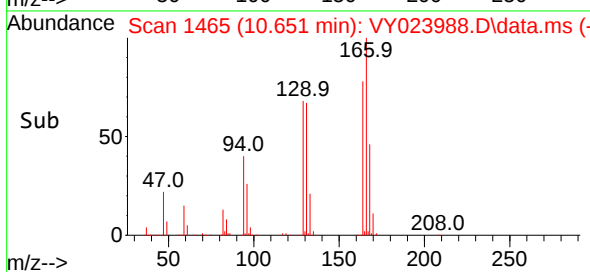
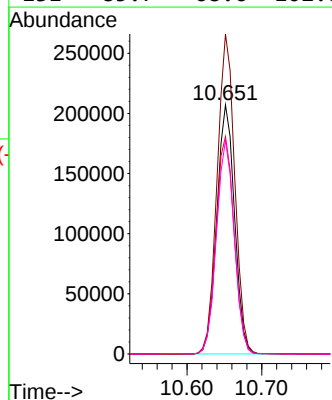
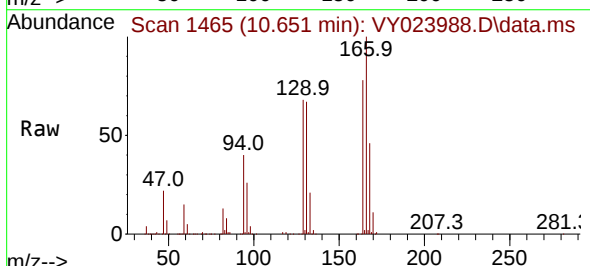
Ion Ratio Lower Upper

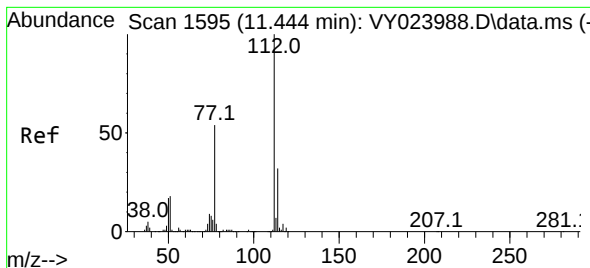
164 100

166 128.4 102.7 154.1

129 87.3 69.8 104.8

131 85.7 68.6 102.8





#65

Chlorobenzene

Concen: 52.324 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

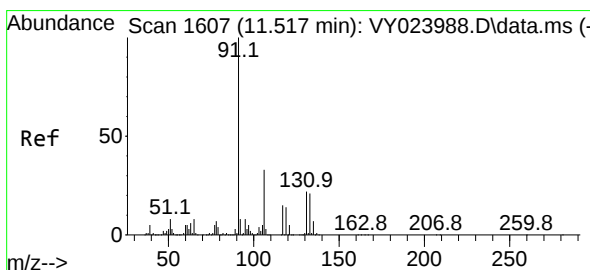
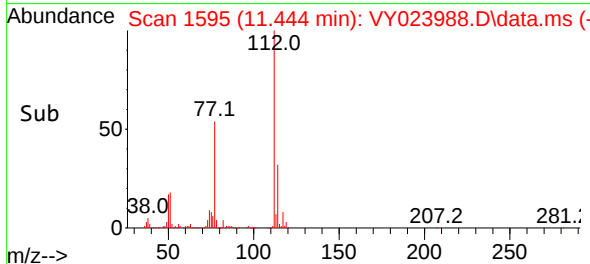
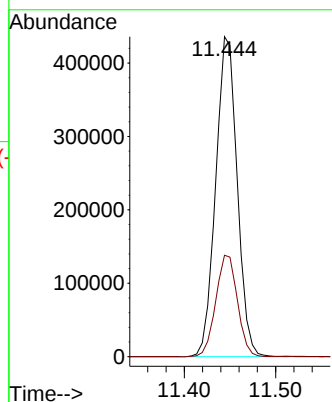
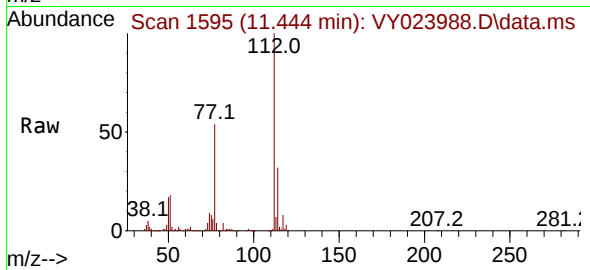
VSTDICCC050

Tgt Ion:112 Resp: 713292

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 52.303 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

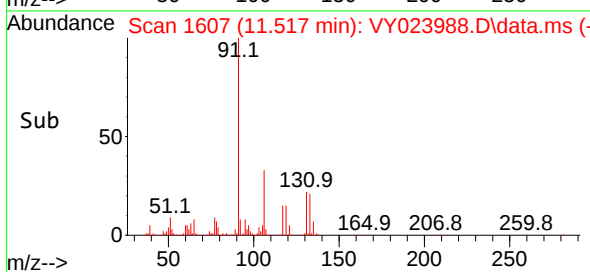
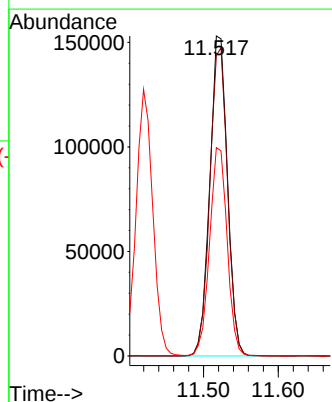
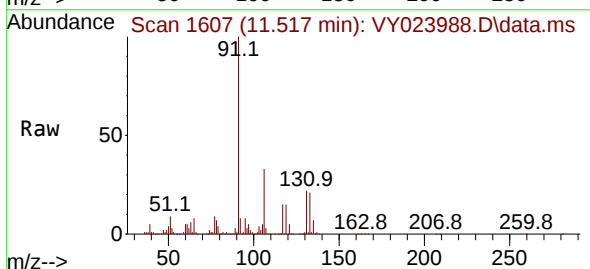
Tgt Ion:131 Resp: 251648

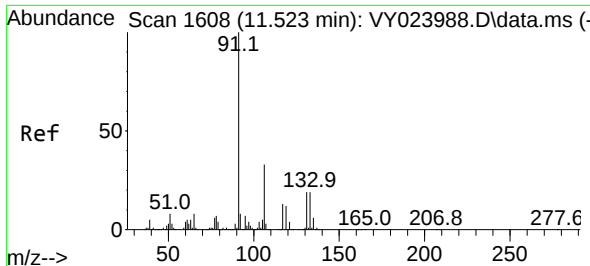
Ion Ratio Lower Upper

131 100

133 96.7 48.4 145.0

119 64.8 32.4 97.2

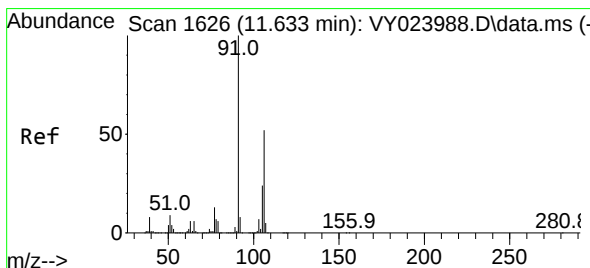
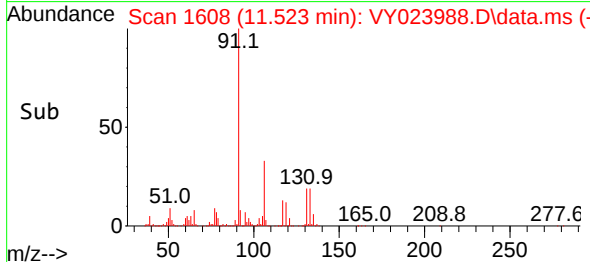
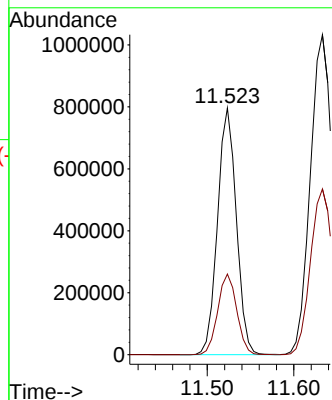
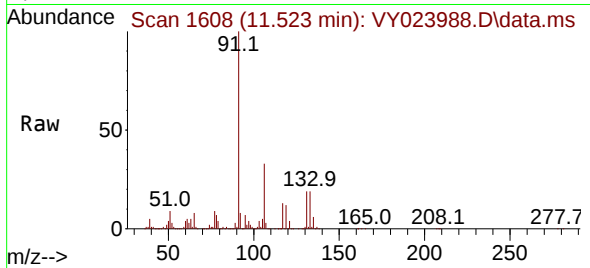




#67
Ethyl Benzene
Concen: 54.142 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

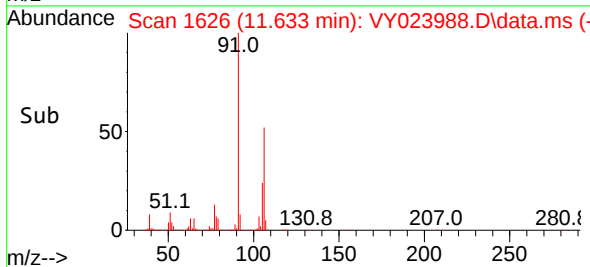
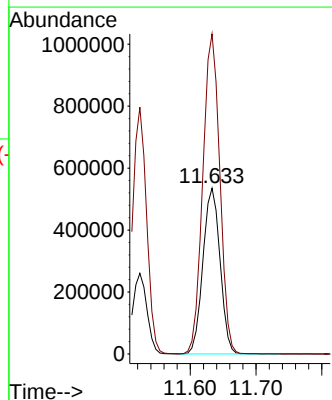
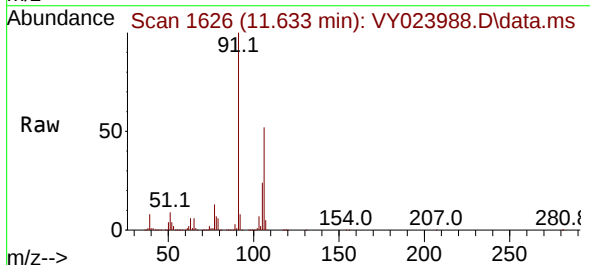
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

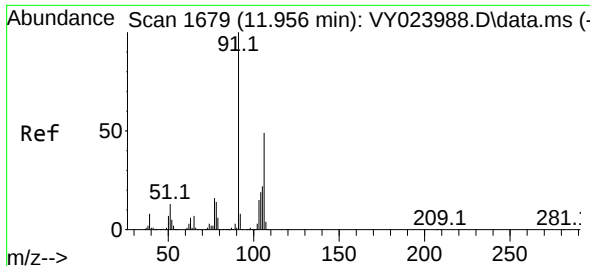
Tgt Ion: 91 Resp: 1200707
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2



#68
m/p-Xylenes
Concen: 108.505 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion:106 Resp: 966503
Ion Ratio Lower Upper
106 100
91 192.2 153.8 230.6

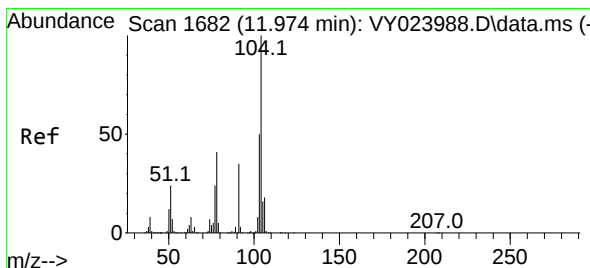
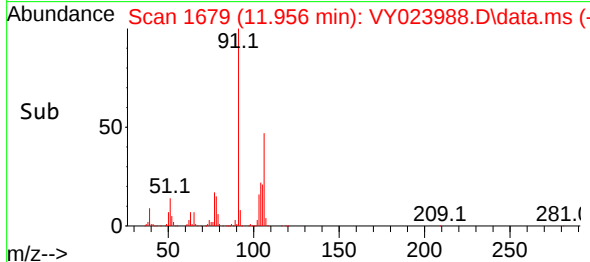
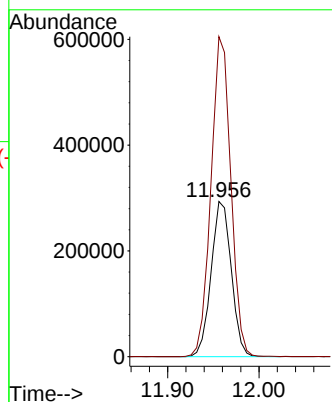
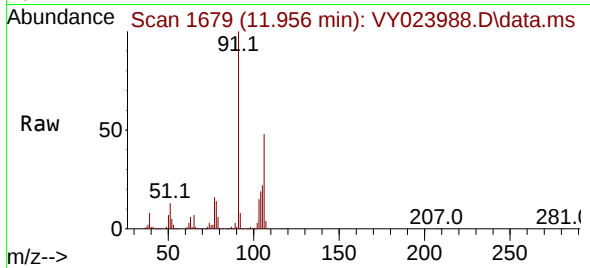




#69
o-Xylene
Concen: 54.378 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

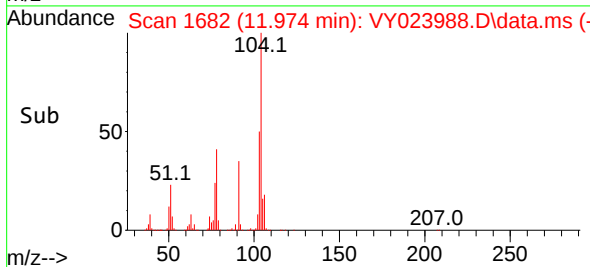
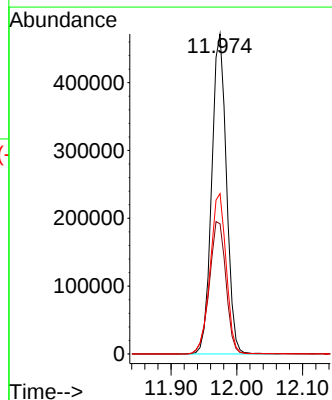
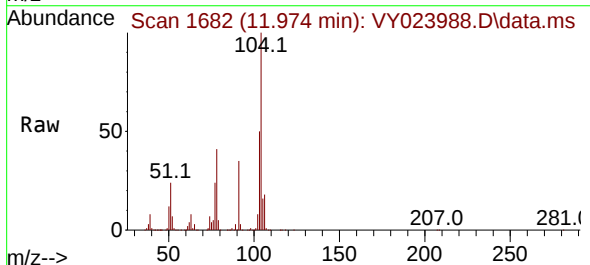
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

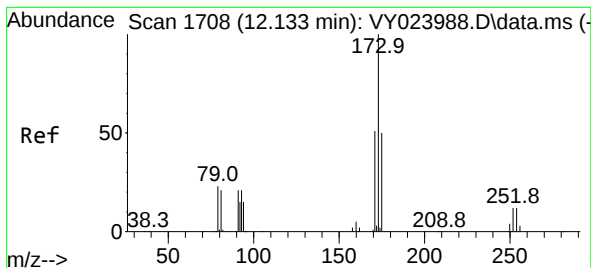
Tgt Ion:106 Resp: 450527
Ion Ratio Lower Upper
106 100
91 202.9 101.4 304.3



#70
Styrene
Concen: 55.361 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion:104 Resp: 736191
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 54.6 43.7 65.5





#71

Bromoform

Concen: 54.186 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

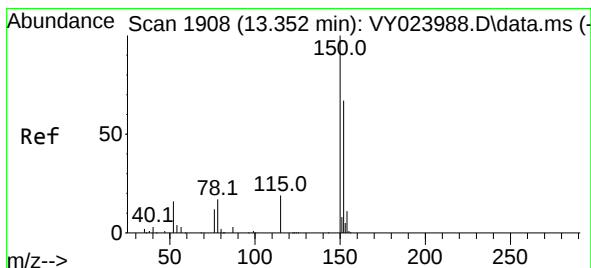
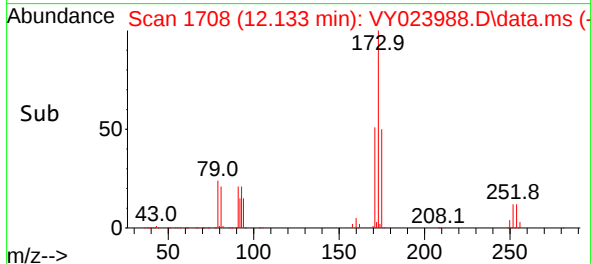
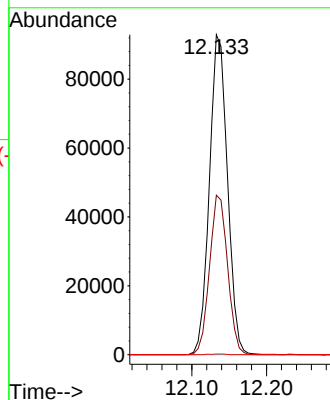
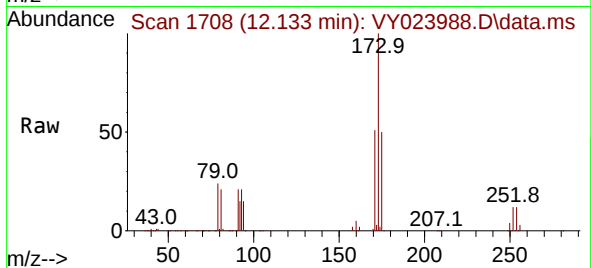
Tgt Ion:173 Resp: 155535

Ion Ratio Lower Upper

173 100

175 49.8 24.9 74.7

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

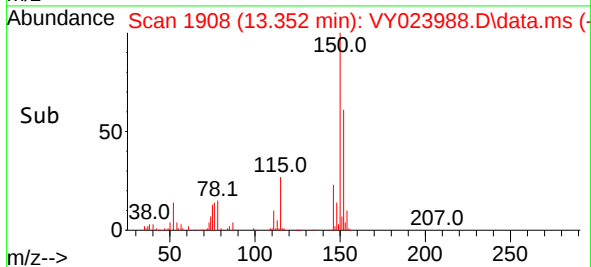
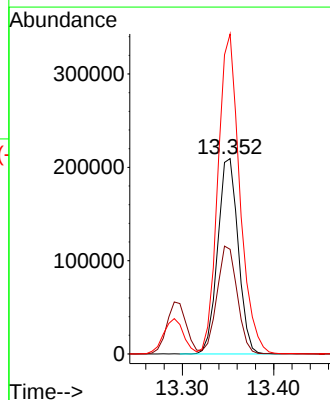
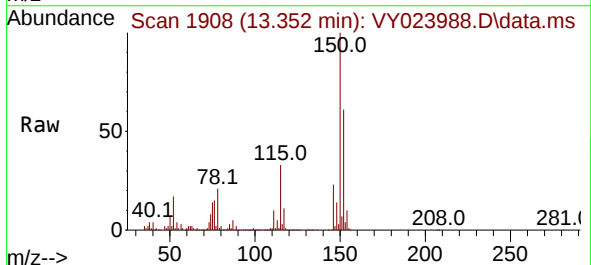
Tgt Ion:152 Resp: 326620

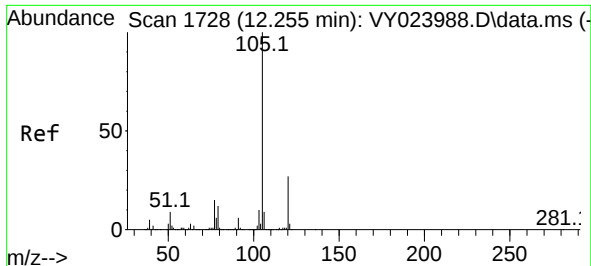
Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.5

150 174.8 0.0 349.6

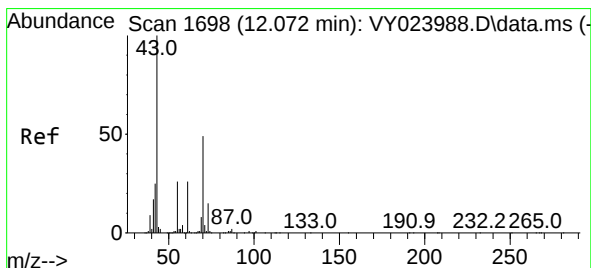
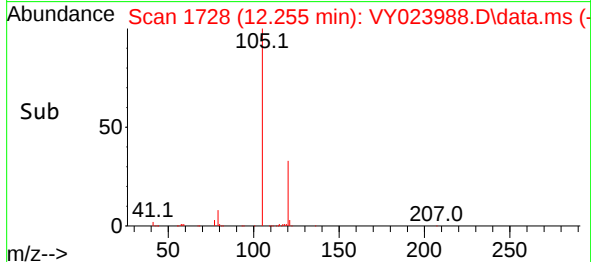
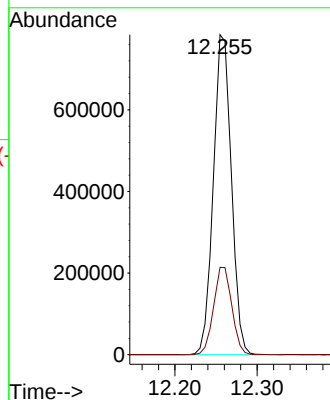
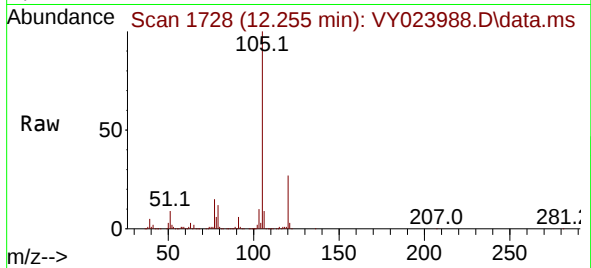




#73
Isopropylbenzene
Concen: 53.060 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

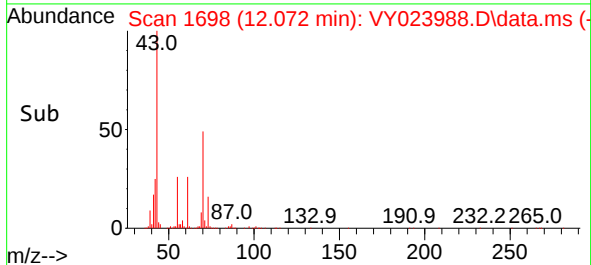
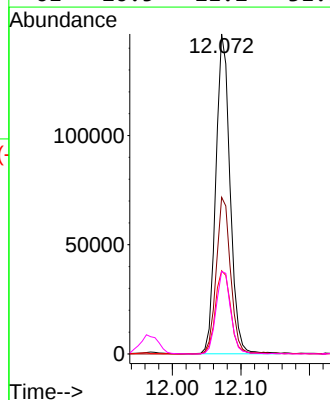
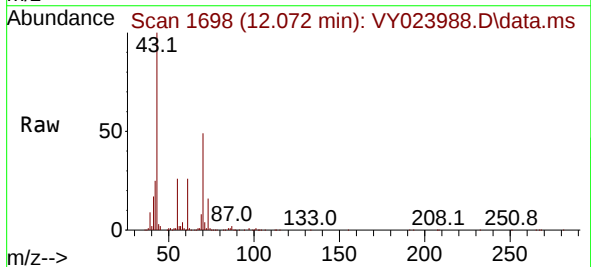
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

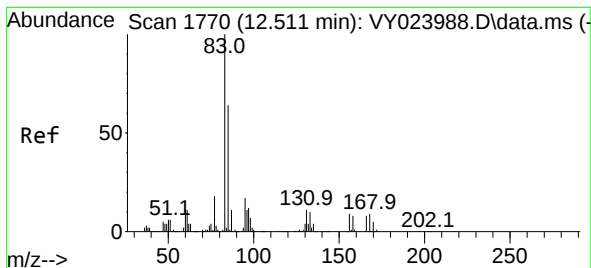
Tgt Ion:105 Resp: 1193752
Ion Ratio Lower Upper
105 100
120 27.6 13.8 41.4



#74
N-ethyl acetate
Concen: 48.393 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 43 Resp: 211019
Ion Ratio Lower Upper
43 100
70 49.1 39.3 58.9
55 28.1 22.5 33.7
61 26.5 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.759 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

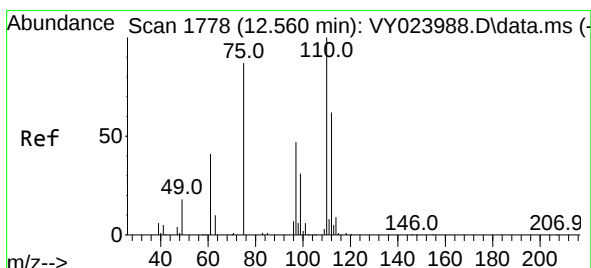
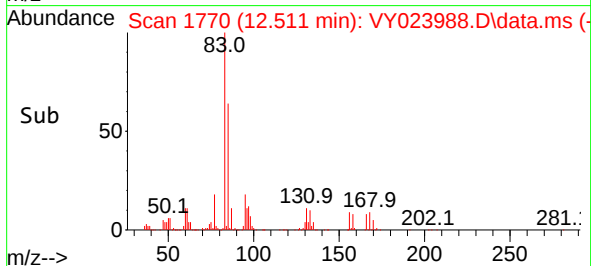
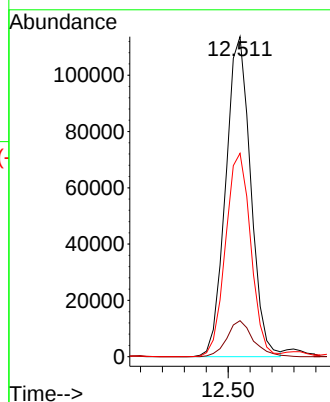
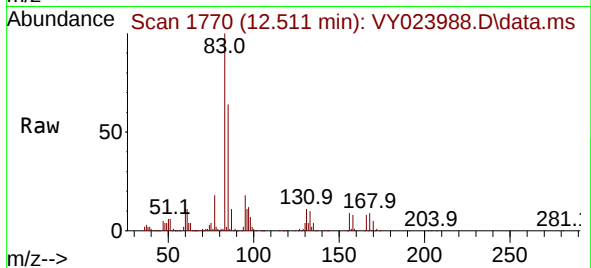
Tgt Ion: 83 Resp: 179839

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

85 64.3 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 85.760 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY023988.D

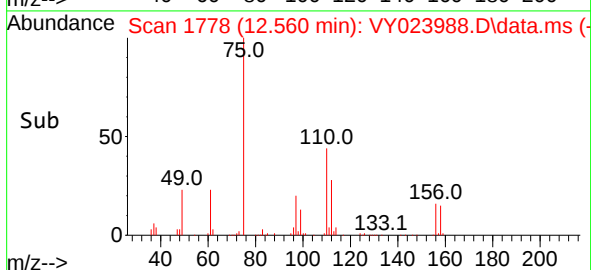
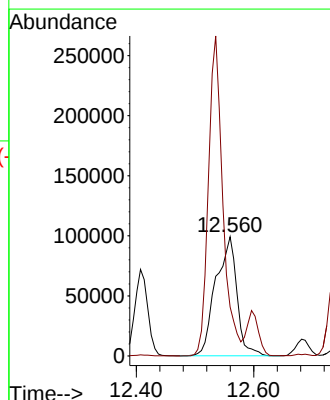
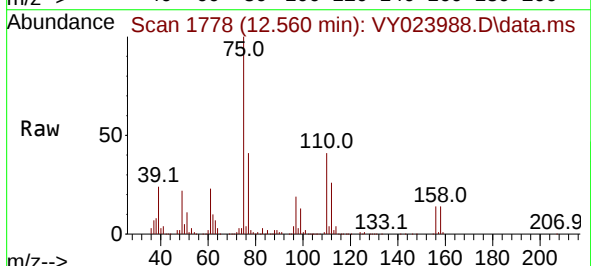
Acq: 16 Dec 2025 14:29

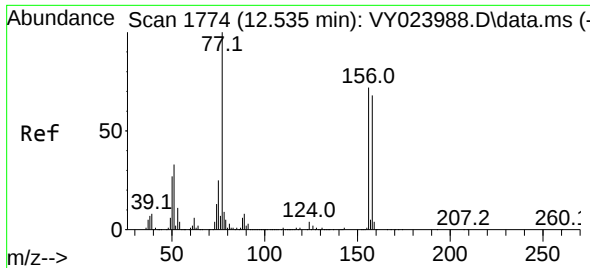
Tgt Ion: 75 Resp: 248006

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

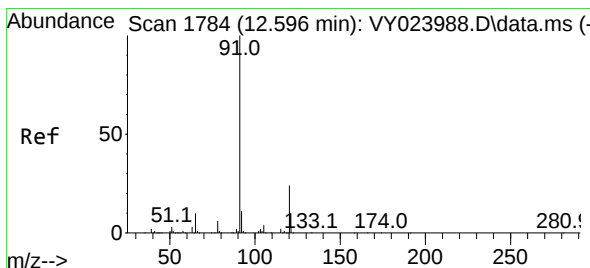
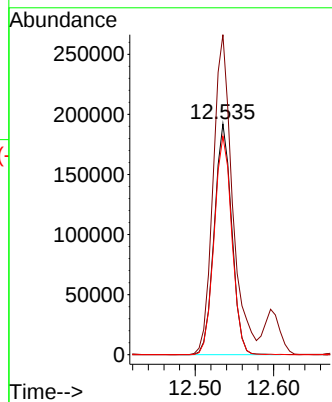
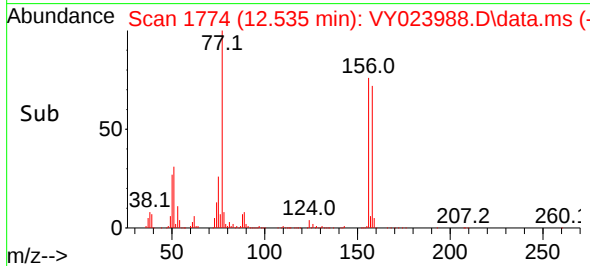
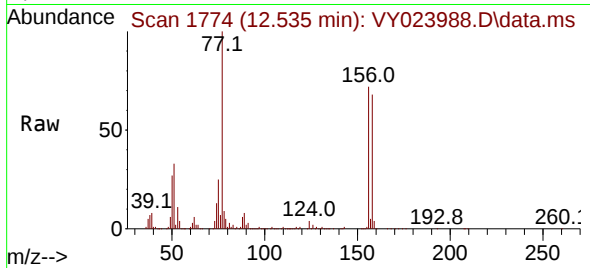




#77
Bromobenzene
Concen: 52.540 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

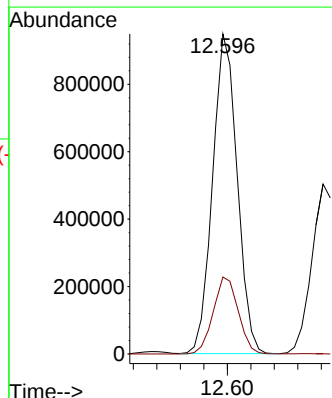
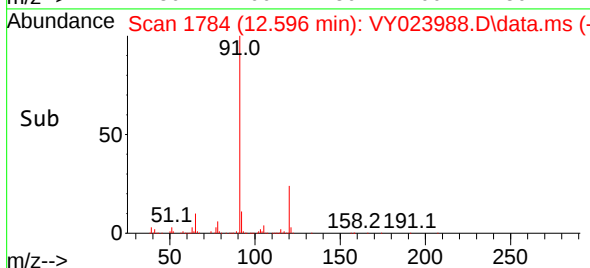
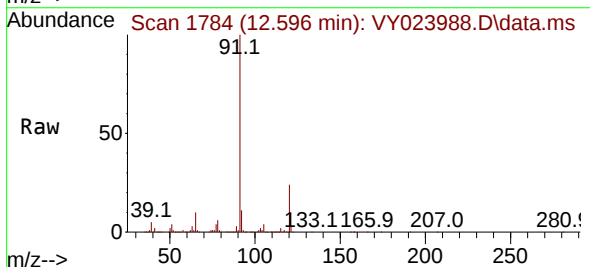
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

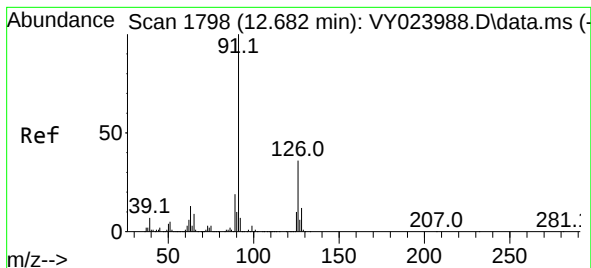
Tgt Ion:156 Resp: 297120
Ion Ratio Lower Upper
156 100
77 153.3 76.6 230.0
158 96.1 48.0 144.2



#78
n-propylbenzene
Concen: 53.441 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 91 Resp: 1377971
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8

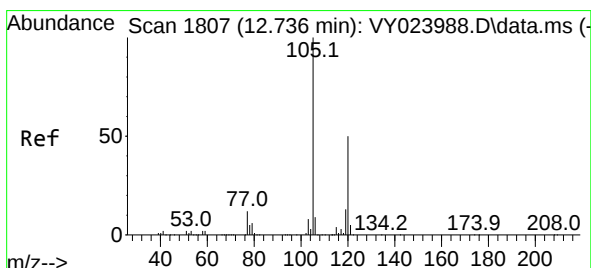
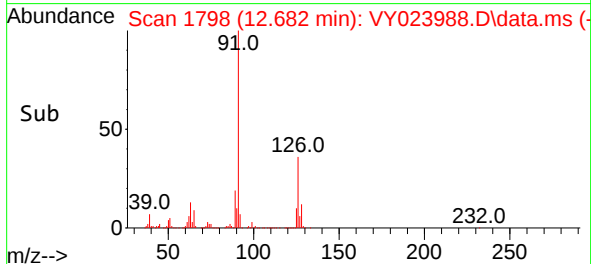
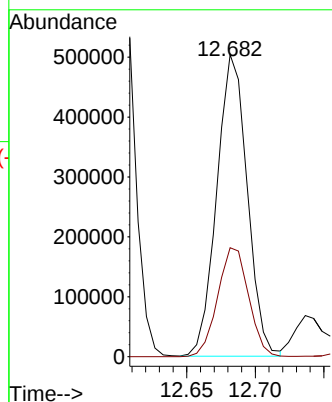
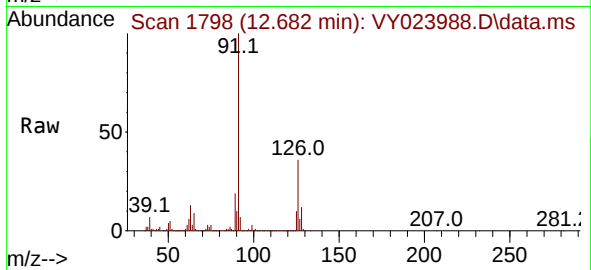




#79
2-Chlorotoluene
Concen: 52.767 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

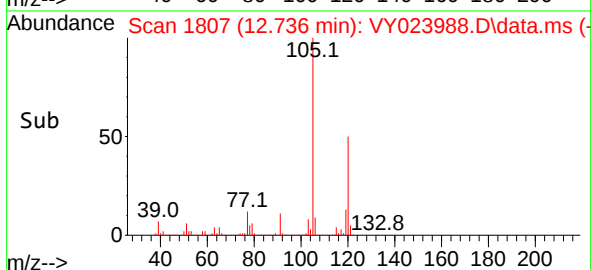
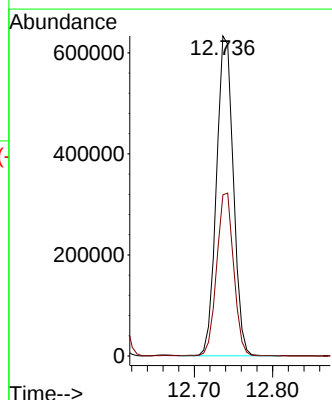
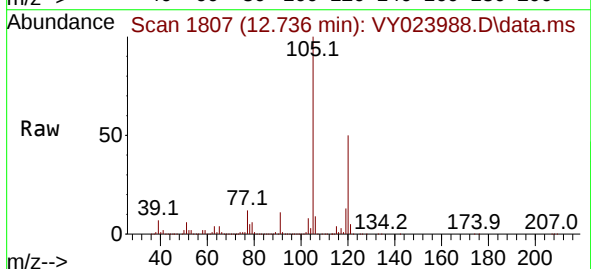
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

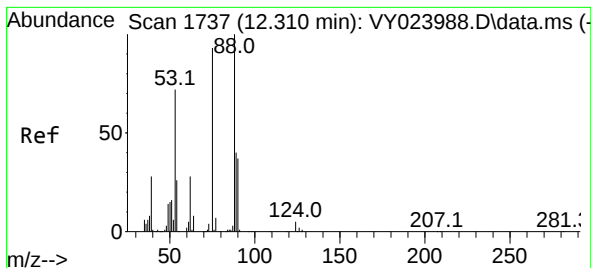
Tgt Ion: 91 Resp: 778874
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 53.680 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 105 Resp: 949638
Ion Ratio Lower Upper
105 100
120 51.1 25.6 76.6

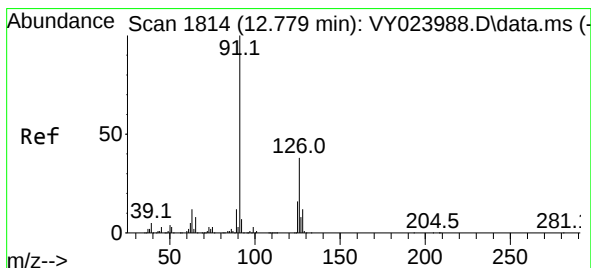
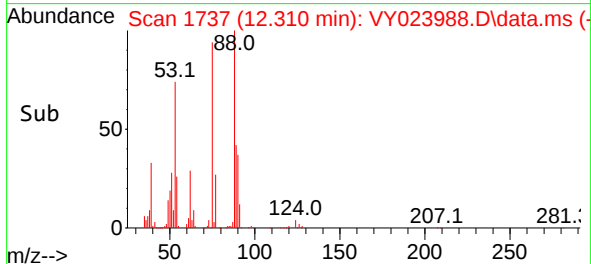
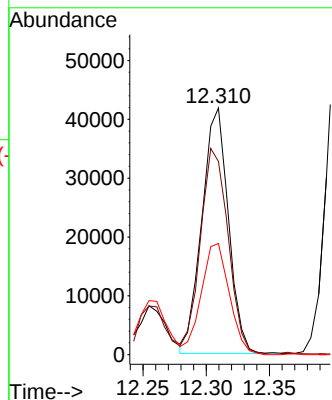
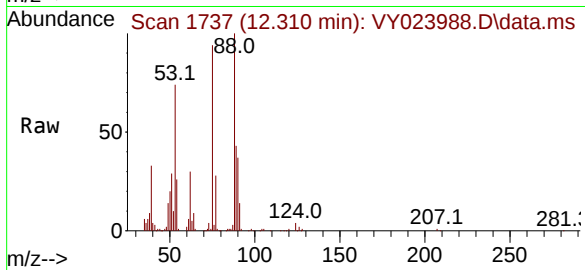




#81
trans-1,4-Dichloro-2-butene
Concen: 53.858 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

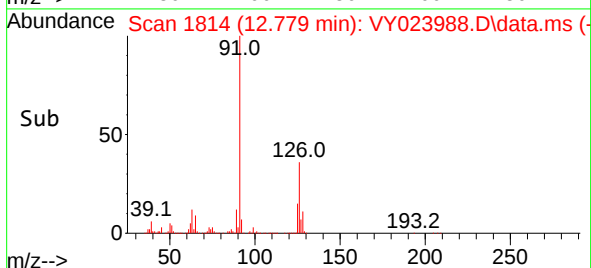
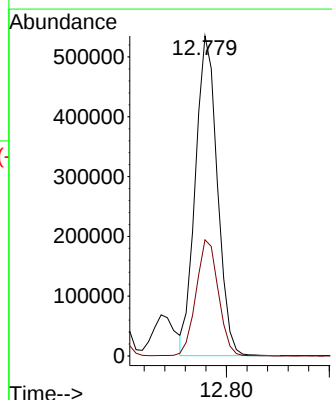
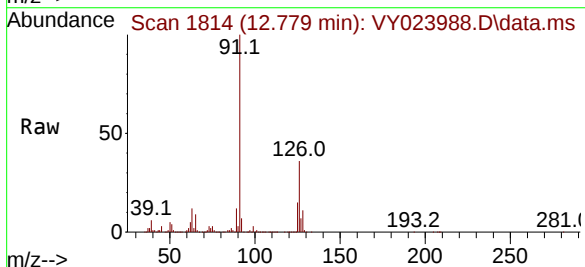
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

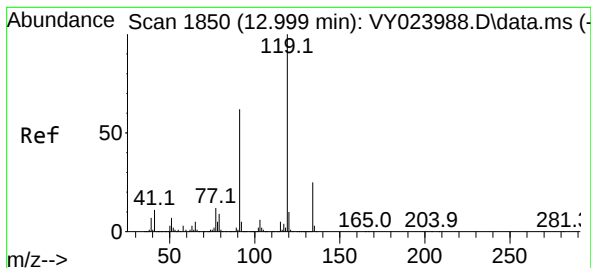
Tgt Ion: 75 Resp: 60859
Ion Ratio Lower Upper
75 100
53 87.4 69.9 104.9
89 48.2 38.6 57.8



#82
4-Chlorotoluene
Concen: 52.385 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion: 91 Resp: 793894
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5





#83

tert-Butylbenzene

Concen: 54.323 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

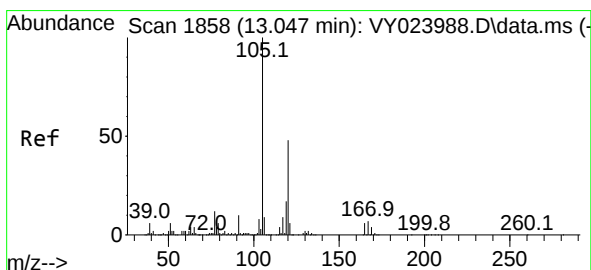
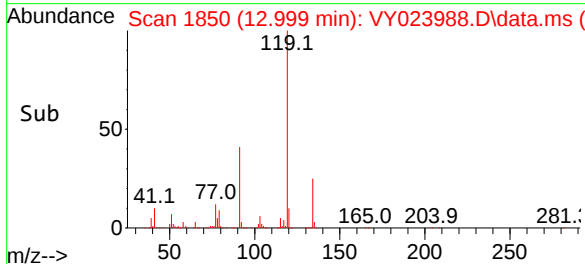
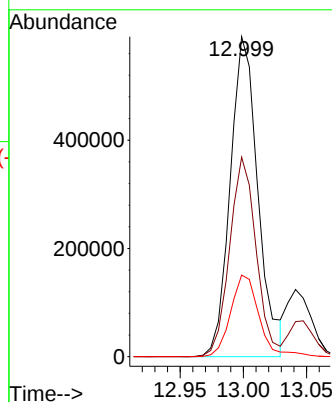
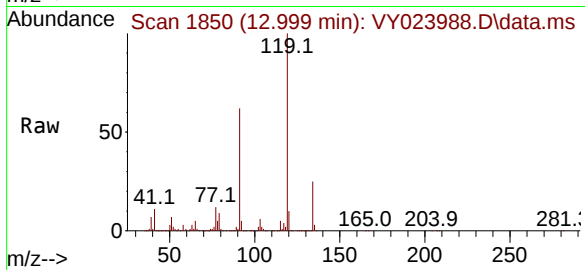
Tgt Ion:119 Resp: 902095

Ion Ratio Lower Upper

119 100

91 59.6 29.8 89.4

134 26.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 54.073 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY023988.D

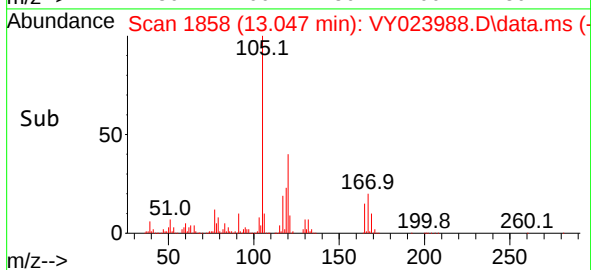
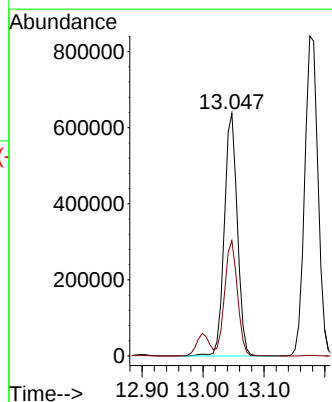
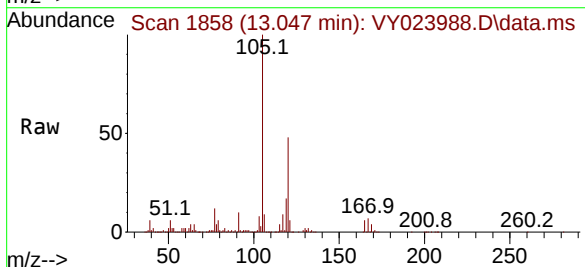
Acq: 16 Dec 2025 14:29

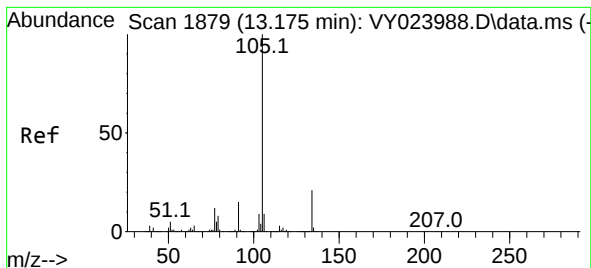
Tgt Ion:105 Resp: 945788

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 53.034 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

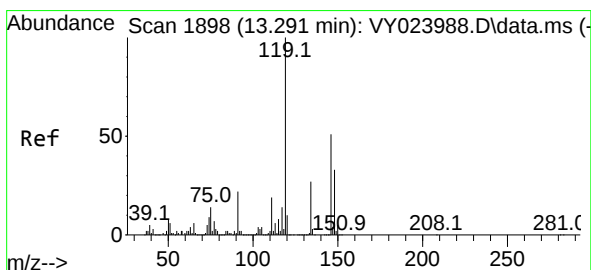
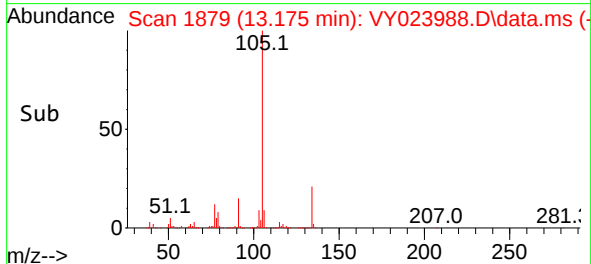
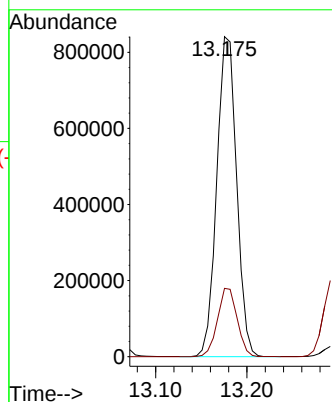
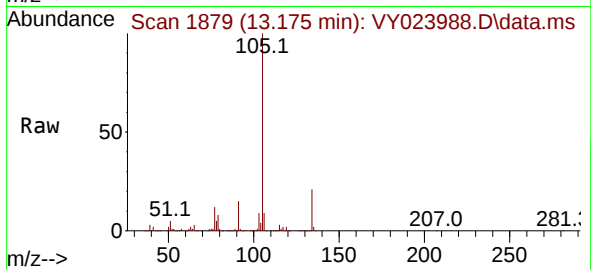
VSTDICCC050

Tgt Ion:105 Resp: 1271278

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 53.778 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

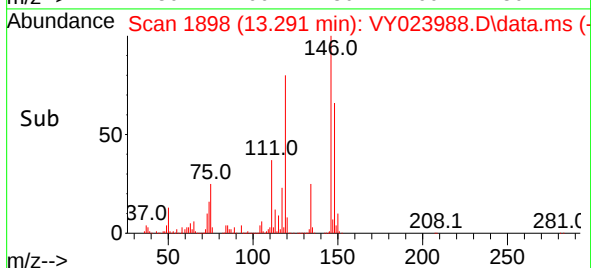
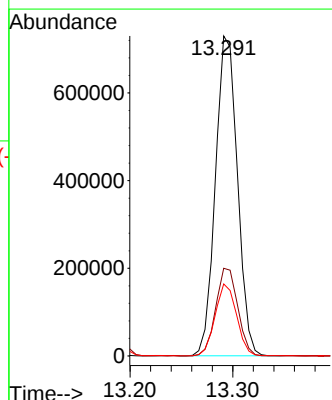
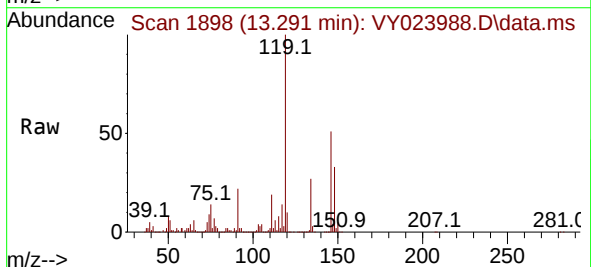
Tgt Ion:119 Resp: 1083023

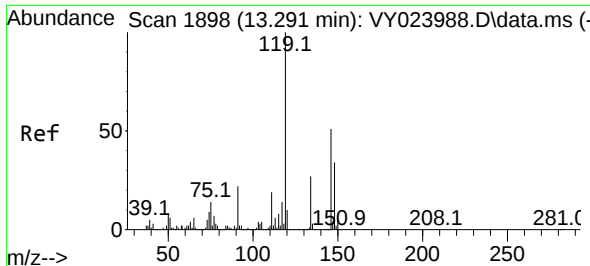
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 21.9 10.9 32.9

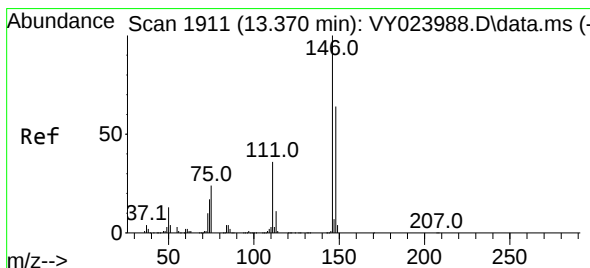
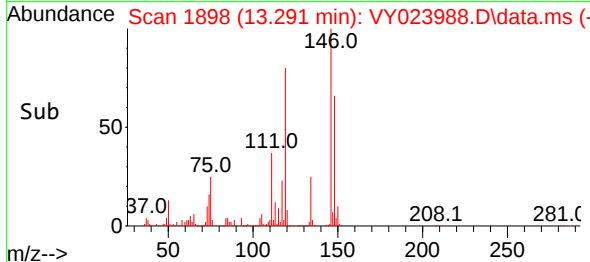
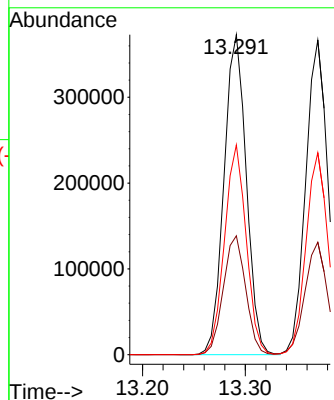
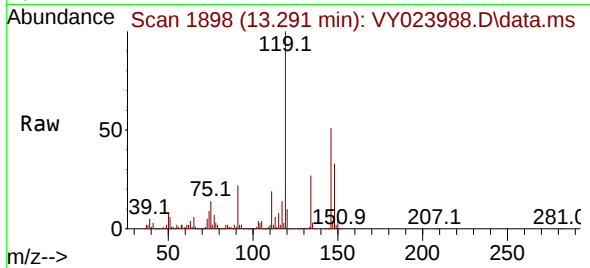




#87
1,3-Dichlorobenzene
Concen: 51.673 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

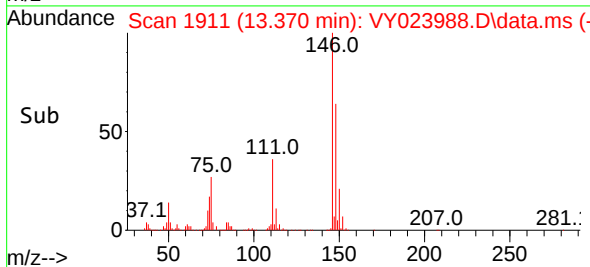
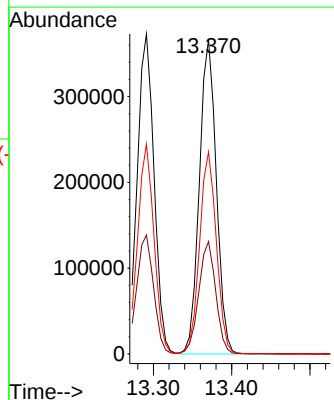
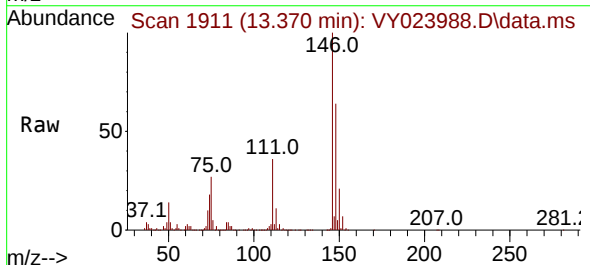
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

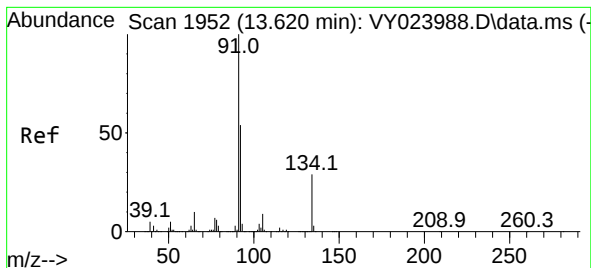
Tgt Ion:146 Resp: 562261
Ion Ratio Lower Upper
146 100
111 37.4 18.7 56.1
148 63.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 51.623 ug/l
RT: 13.370 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY023988.D
Acq: 16 Dec 2025 14:29

Tgt Ion:146 Resp: 551277
Ion Ratio Lower Upper
146 100
111 35.9 17.9 53.8
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 53.387 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

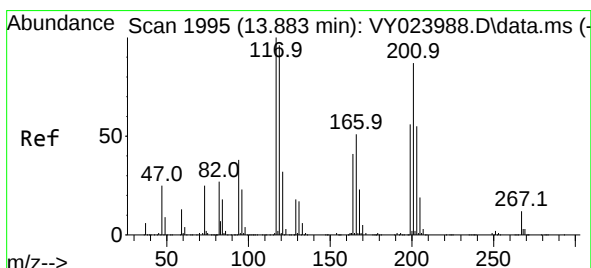
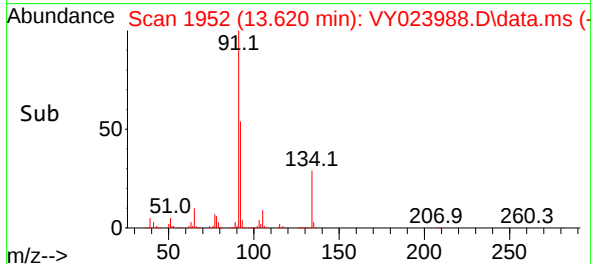
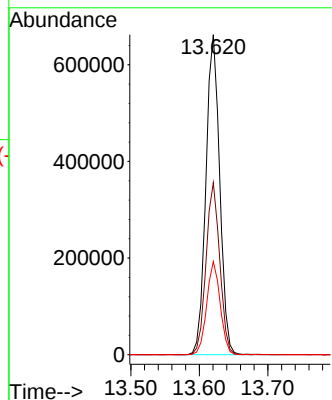
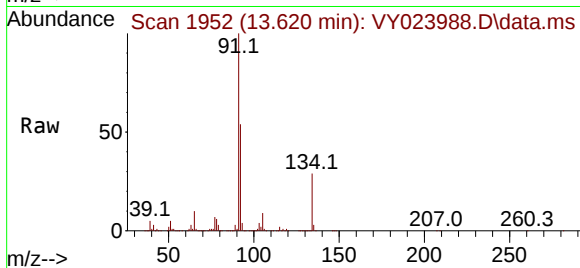
Tgt Ion: 91 Resp: 928835

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 28.4 14.2 42.6



#90

Hexachloroethane

Concen: 50.682 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY023988.D

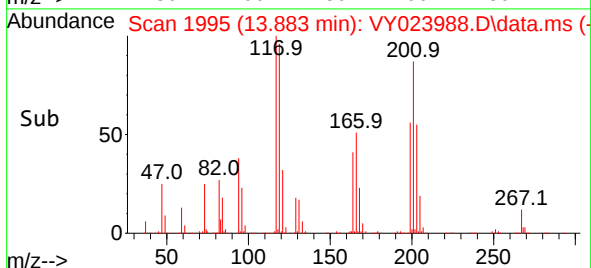
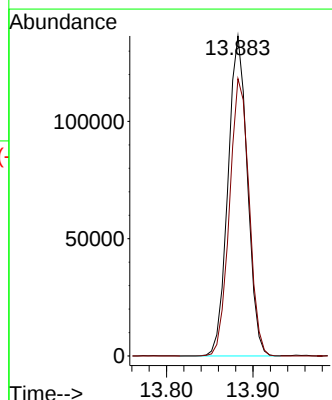
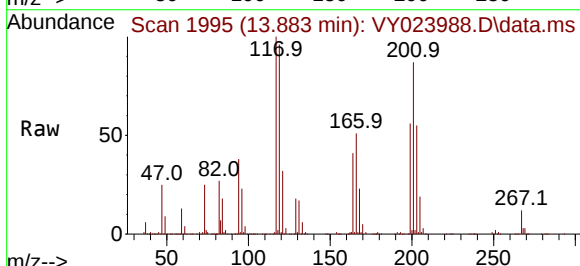
Acq: 16 Dec 2025 14:29

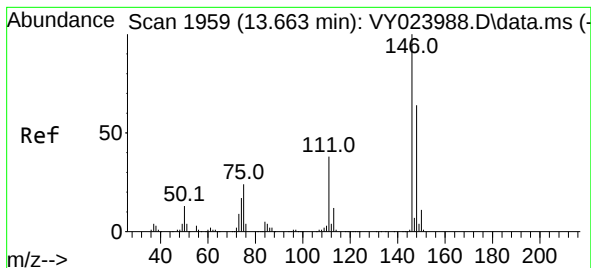
Tgt Ion: 117 Resp: 213090

Ion Ratio Lower Upper

117 100

201 87.1 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 52.173 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

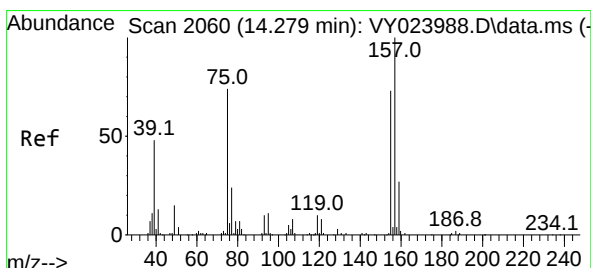
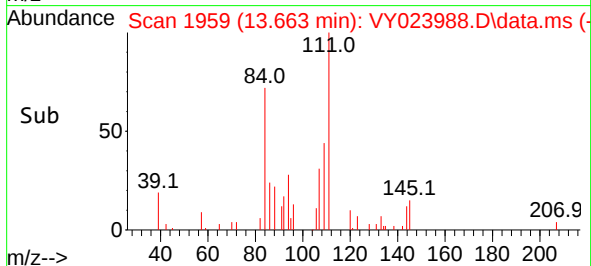
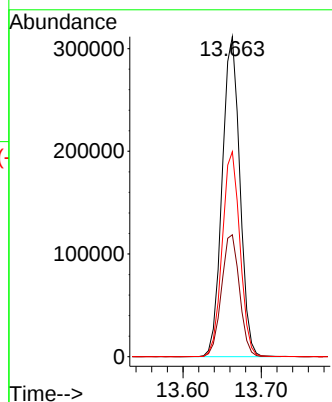
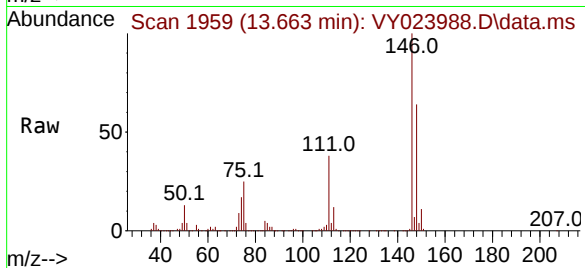
Tgt Ion:146 Resp: 489660

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.4

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.557 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

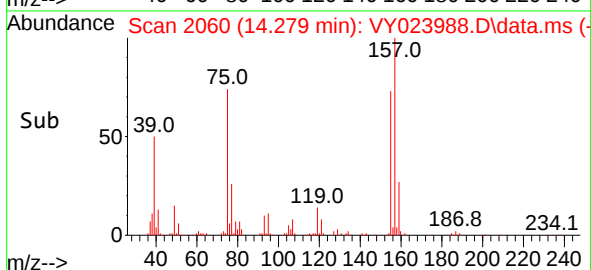
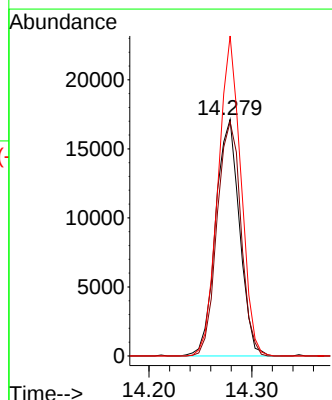
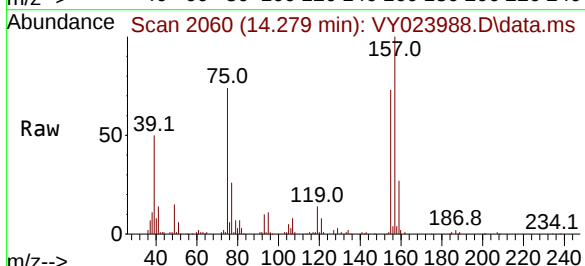
Tgt Ion: 75 Resp: 27599

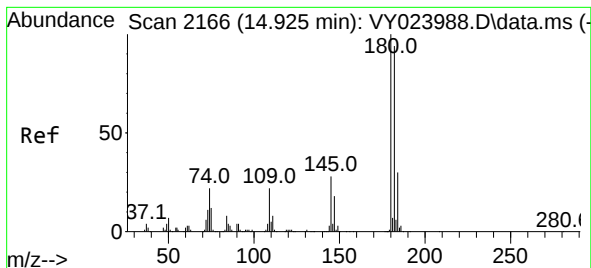
Ion Ratio Lower Upper

75 100

155 98.5 49.3 147.8

157 128.6 64.3 192.9





#93

1,2,4-Trichlorobenzene

Concen: 54.336 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

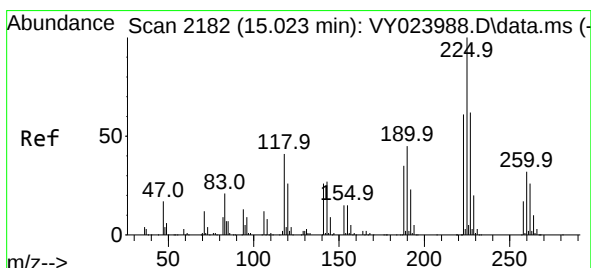
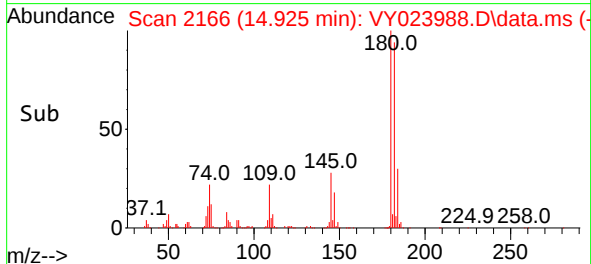
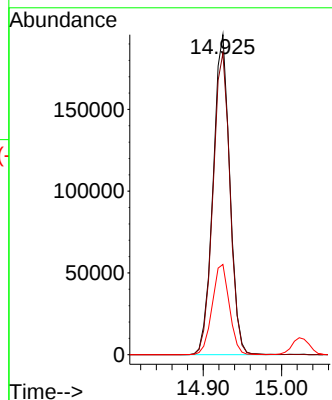
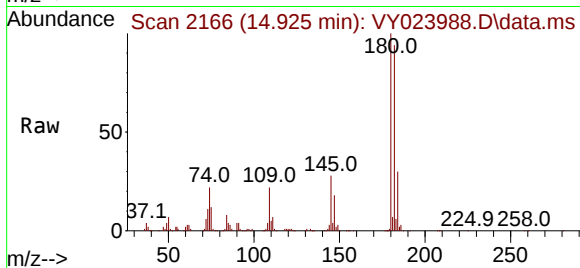
Tgt Ion:180 Resp: 290095

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 28.9 14.4 43.4



#94

Hexachlorobutadiene

Concen: 50.863 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

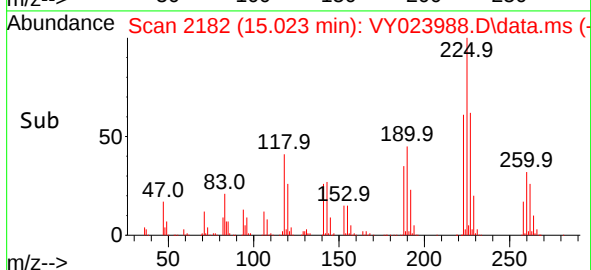
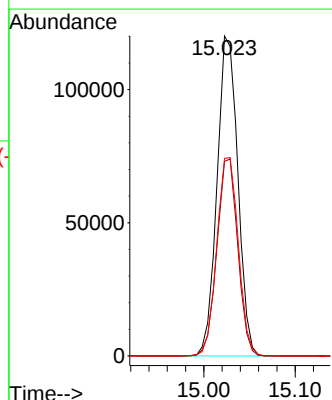
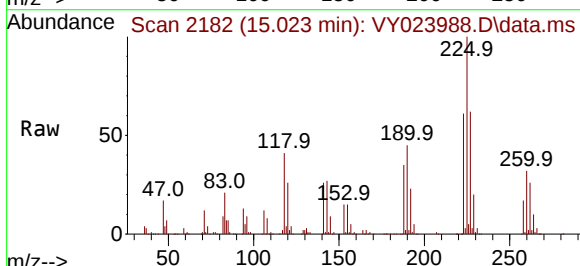
Tgt Ion:225 Resp: 190114

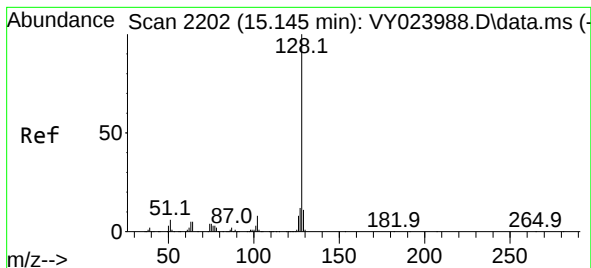
Ion Ratio Lower Upper

225 100

223 61.7 30.9 92.5

227 64.2 32.1 96.3





#95

Naphthalene

Concen: 51.029 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

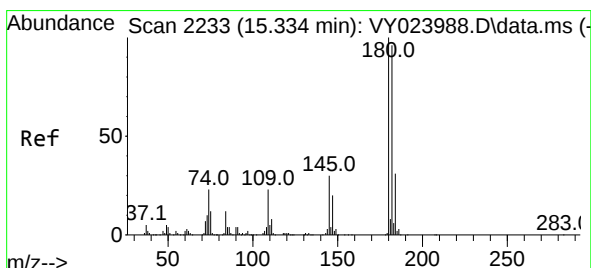
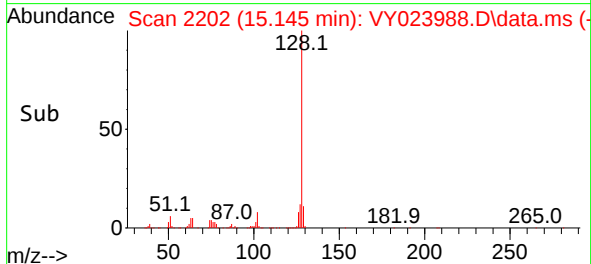
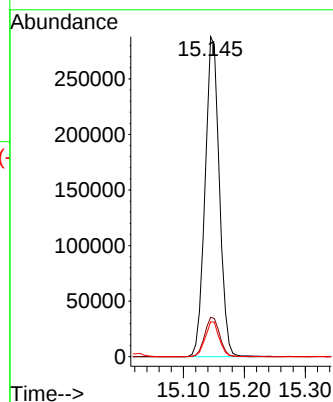
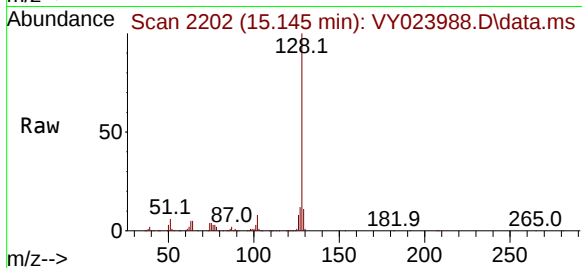
Tgt Ion:128 Resp: 469763

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.644 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023988.D

Acq: 16 Dec 2025 14:29

Tgt Ion:180 Resp: 244827

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

145 31.1 15.6 46.7

