

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023937.D
 Acq On : 10 Dec 2025 13:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY121025

Quant Time: Dec 11 04:03:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	523782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	742918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	640535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	346130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	204718	44.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.420%
35) Dibromofluoromethane	7.640	113	224316	46.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.380%
50) Toluene-d8	10.109	98	839644	46.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.407	95	283133	46.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	171872	47.318	ug/l	97
3) Chloromethane	2.074	50	237425	50.882	ug/l	98
4) Vinyl Chloride	2.208	62	299430	51.931	ug/l	95
5) Bromomethane	2.598	94	229213	46.692	ug/l	99
6) Chloroethane	2.738	64	203235	50.026	ug/l	100
7) Trichlorofluoromethane	3.062	101	423748	48.815	ug/l	99
8) Diethyl Ether	3.458	74	112136	47.022	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	238582	47.160	ug/l	99
10) Methyl Iodide	4.013	142	270789	43.407	ug/l	100
11) Tert butyl alcohol	4.866	59	59831	223.113	ug/l	99
12) 1,1-Dichloroethene	3.793	96	230979	48.594	ug/l	96
13) Acrolein	3.653	56	133875	312.140	ug/l	100
14) Allyl chloride	4.391	41	292052	48.020	ug/l	98
15) Acrylonitrile	5.061	53	220558	232.132	ug/l	100
16) Acetone	3.872	43	289787	240.905	ug/l	98
17) Carbon Disulfide	4.110	76	658676	52.182	ug/l	99
18) Methyl Acetate	4.391	43	97421	46.496	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	544044	47.863	ug/l	99
20) Methylene Chloride	4.622	84	245441	45.051	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	250193	47.948	ug/l	97
22) Diisopropyl ether	6.024	45	657430	47.471	ug/l	99
23) Vinyl Acetate	5.963	43	1847929	240.147	ug/l	99
24) 1,1-Dichloroethane	5.921	63	409630	47.454	ug/l	99
25) 2-Butanone	6.896	43	319388	223.168	ug/l	99
26) 2,2-Dichloropropane	6.890	77	381788	47.369	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	290971	48.575	ug/l	98
28) Bromochloromethane	7.250	49	153127	47.087	ug/l	95
29) Tetrahydrofuran	7.262	42	170699	233.871	ug/l	98
30) Chloroform	7.427	83	445184	47.213	ug/l	97
31) Cyclohexane	7.701	56	375657	47.300	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	413631	47.305	ug/l	99
36) 1,1-Dichloropropene	7.841	75	324482	49.078	ug/l	100
37) Ethyl Acetate	6.988	43	126189	46.871	ug/l	99
38) Carbon Tetrachloride	7.823	117	385883	48.152	ug/l	97
39) Methylcyclohexane	9.109	83	446055	50.498	ug/l	95
40) Benzene	8.085	78	969801	48.168	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	66280	44.751	ug/l	97
42) 1,2-Dichloroethane	8.158	62	247286	46.836	ug/l	99
43) Isopropyl Acetate	8.201	43	240111	47.354	ug/l	99
44) Trichloroethene	8.865	130	284227	48.687	ug/l	99
45) 1,2-Dichloropropane	9.146	63	216463	47.651	ug/l	99
46) Dibromomethane	9.231	93	129698	48.476	ug/l	98
47) Bromodichloromethane	9.426	83	335325	47.642	ug/l	99
48) Methyl methacrylate	9.225	41	117073	49.597	ug/l	98
49) 1,4-Dioxane	9.231	88	28626	959.715	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	645425	240.243	ug/l	100
52) Toluene	10.170	92	652824	49.001	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	296807	48.798	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	353876	49.373	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	176648	47.970	ug/l	98
56) Ethyl methacrylate	10.438	69	218411	50.030	ug/l	97
57) 1,3-Dichloropropane	10.719	76	285917	48.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	414351	219.118	ug/l	99
59) 2-Hexanone	10.761	43	480003	235.413	ug/l	99
60) Dibromochloromethane	10.914	129	247570	48.558	ug/l	99
61) 1,2-Dibromoethane	11.017	107	164915	48.328	ug/l	99
64) Tetrachloroethene	10.646	164	333781	48.506	ug/l	95
65) Chlorobenzene	11.444	112	723559	48.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	250578	48.138	ug/l	99
67) Ethyl Benzene	11.517	91	1223689	49.207	ug/l	98
68) m/p-Xylenes	11.627	106	984740	99.750	ug/l	99
69) o-Xylene	11.956	106	460463	49.861	ug/l	99
70) Styrene	11.968	104	756895	50.734	ug/l	99
71) Bromoform	12.133	173	146383	47.718	ug/l #	99
73) Isopropylbenzene	12.255	105	1208317	47.768	ug/l	99
74) N-amyl acetate	12.072	43	216092	48.161	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	177224	46.012	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	238858	81.580	ug/l #	100
77) Bromobenzene	12.529	156	296448	47.231	ug/l	98
78) n-propylbenzene	12.596	91	1418733	48.205	ug/l	99
79) 2-Chlorotoluene	12.682	91	798392	47.756	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	983266	48.723	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	58184	45.234	ug/l	99
82) 4-Chlorotoluene	12.779	91	823665	47.859	ug/l	100
83) tert-Butylbenzene	12.999	119	913689	49.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	977430	48.892	ug/l	100
85) sec-Butylbenzene	13.176	105	1322618	48.627	ug/l	100
86) p-Isopropyltoluene	13.291	119	1127034	48.952	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	574087	47.100	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	556411	46.310	ug/l	100
89) n-Butylbenzene	13.614	91	995266	49.411	ug/l	99
90) Hexachloroethane	13.883	117	223764	47.629	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	489242	46.327	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27126	45.486	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	305380	49.201	ug/l	100
94) Hexachlorobutadiene	15.023	225	201707	49.578	ug/l	99
95) Naphthalene	15.145	128	474710	49.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	259105	49.057	ug/l	100

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ClientSampleId :
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QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

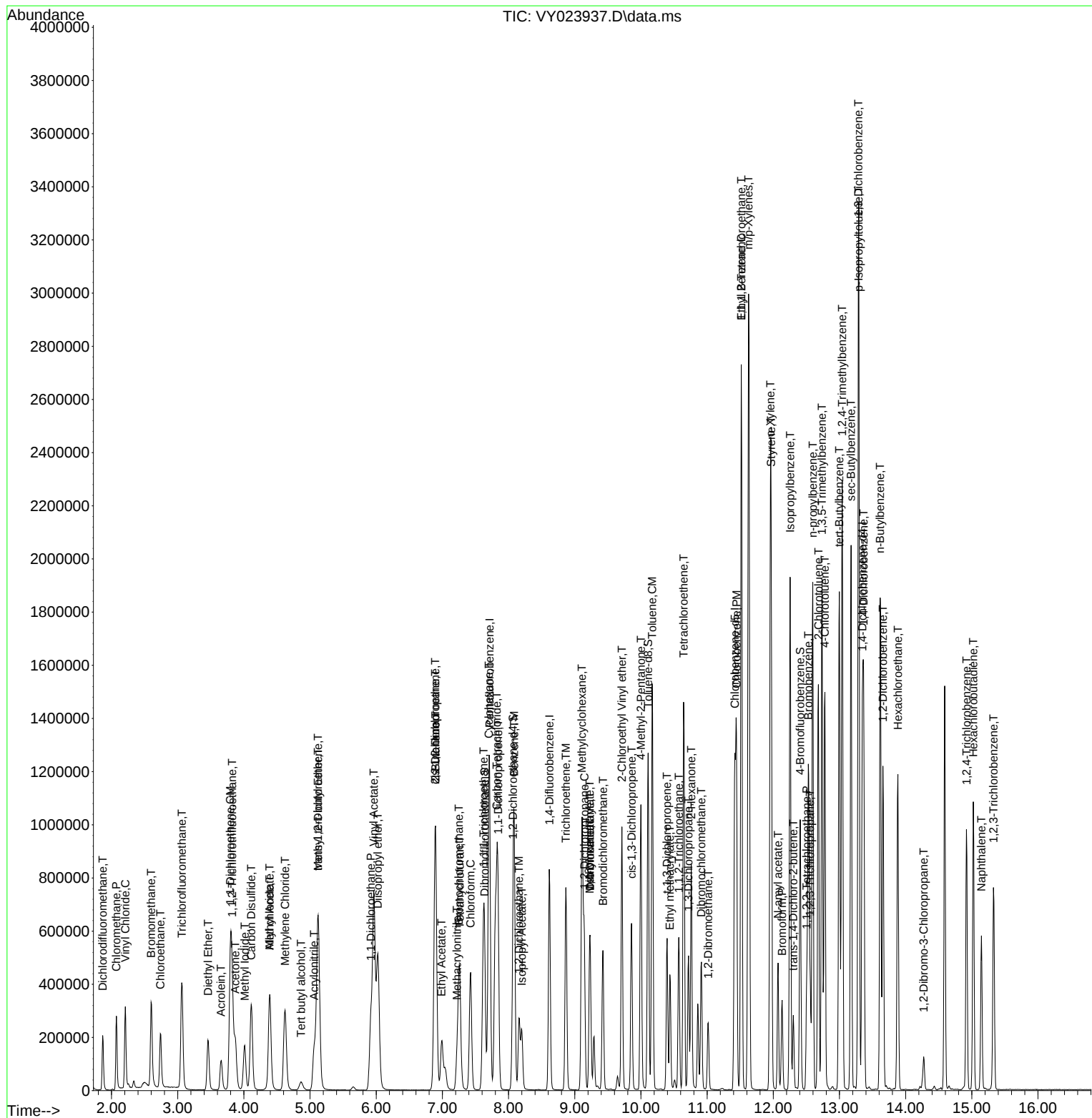
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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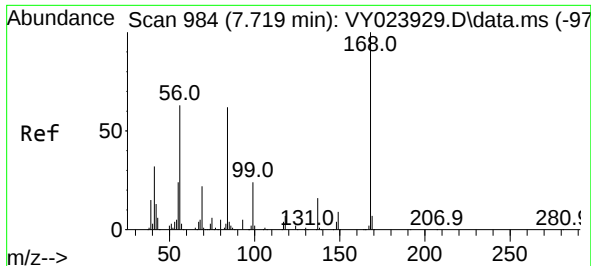
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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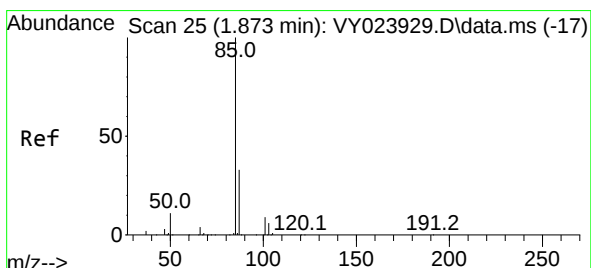
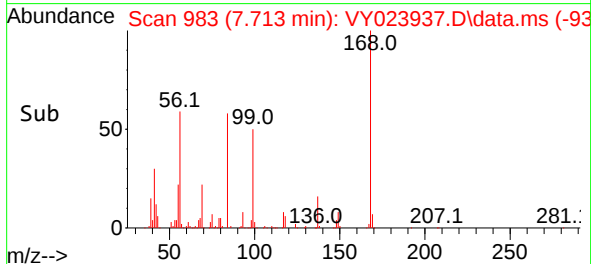
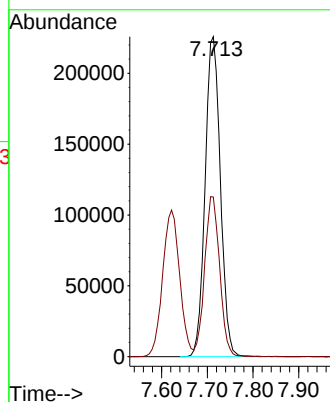
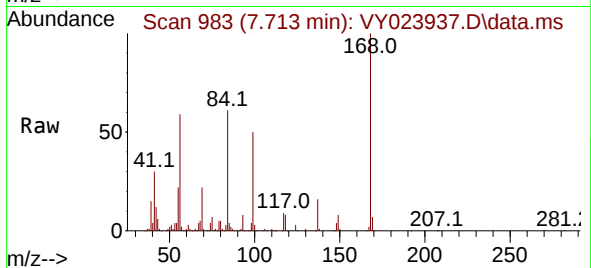




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023937.D
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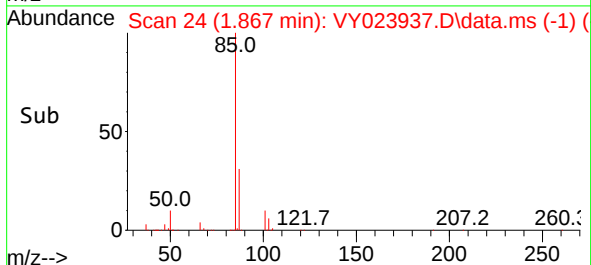
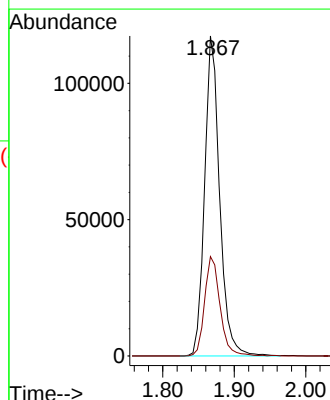
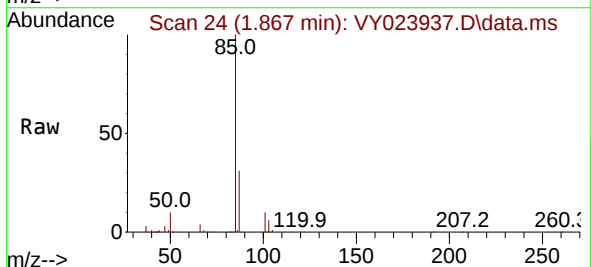
Instrument :
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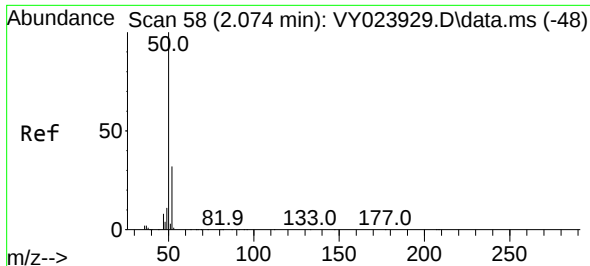
Tgt Ion:168 Resp: 523782
Ion Ratio Lower Upper
168 100
99 49.8 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 47.318 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 85 Resp: 171872
Ion Ratio Lower Upper
85 100
87 31.0 16.4 49.1

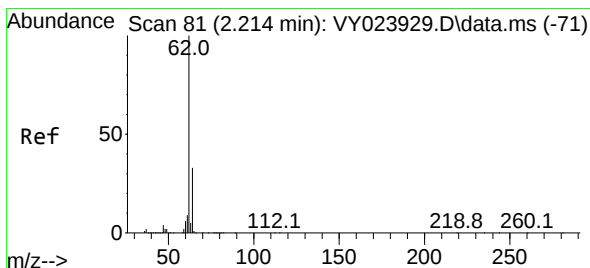
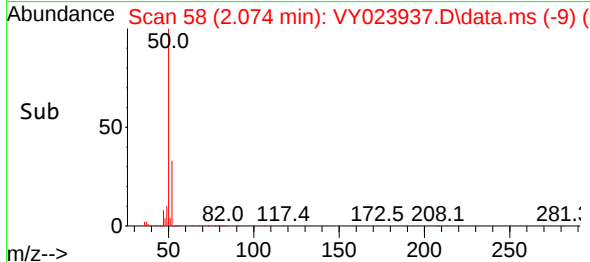
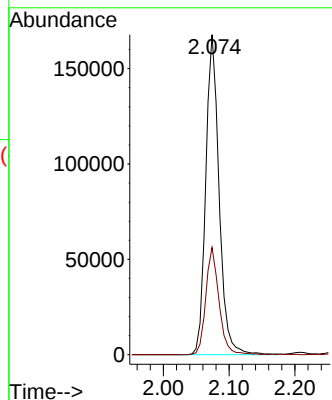
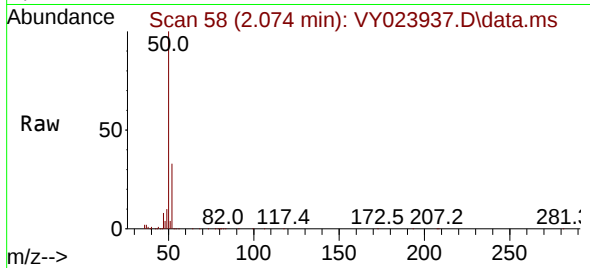




#3
Chloromethane
Concen: 50.882 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

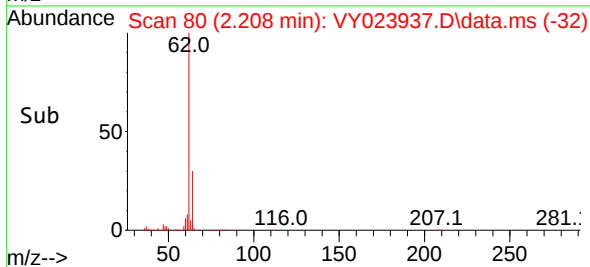
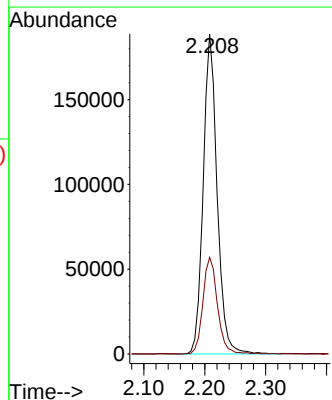
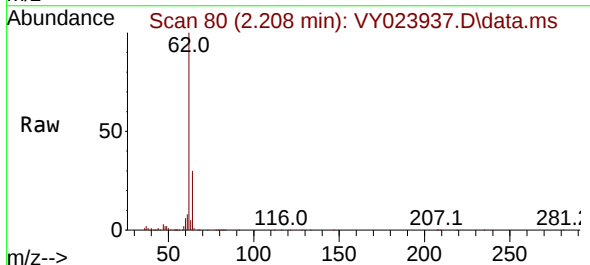
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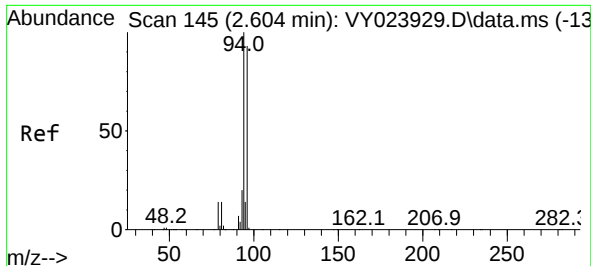
Tgt Ion: 50 Resp: 237425
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.8



#4
Vinyl Chloride
Concen: 51.931 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 62 Resp: 299430
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.4

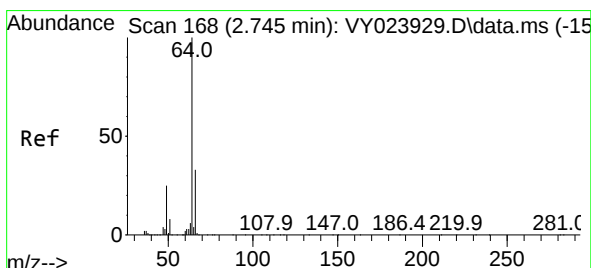
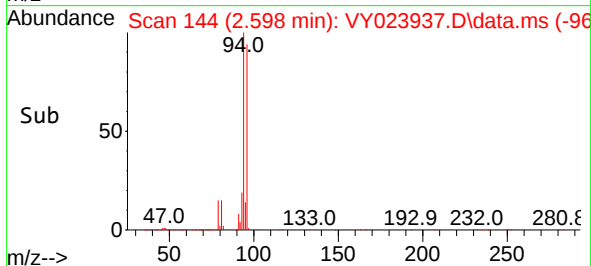
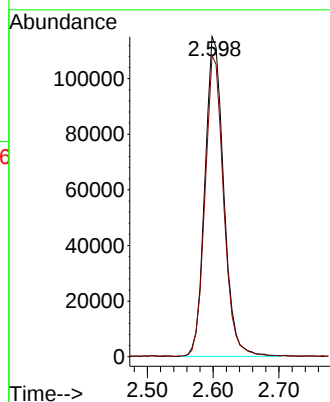
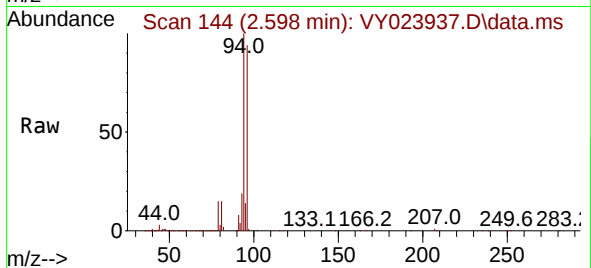




#5
Bromomethane
Concen: 46.692 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY023937.D
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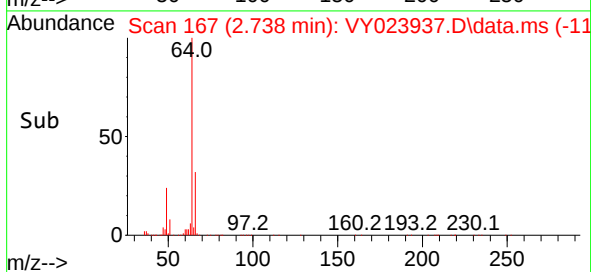
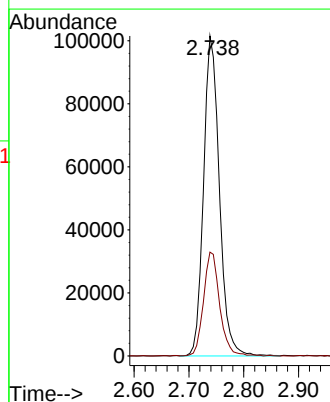
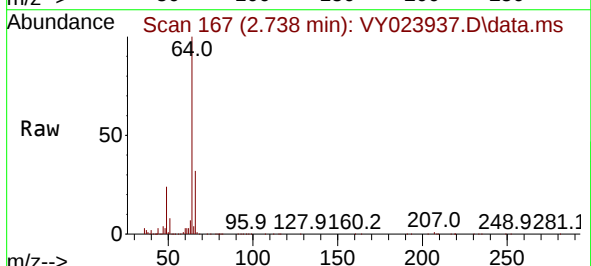
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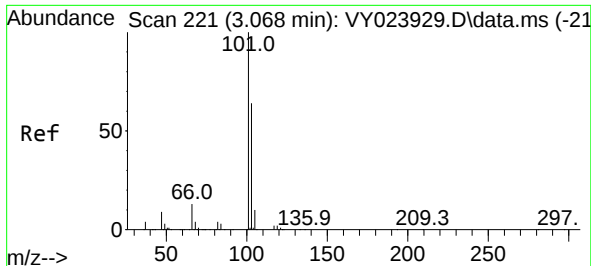
Tgt Ion: 94 Resp: 229213
Ion Ratio Lower Upper
94 100
96 94.0 74.8 112.2



#6
Chloroethane
Concen: 50.026 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY023937.D
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Tgt Ion: 64 Resp: 203235
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0

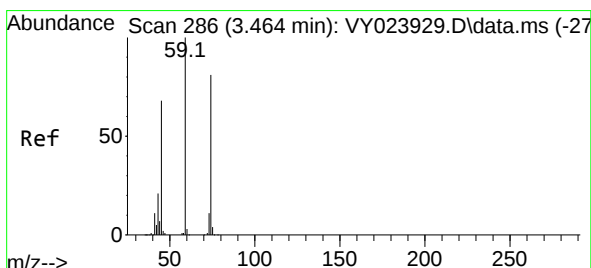
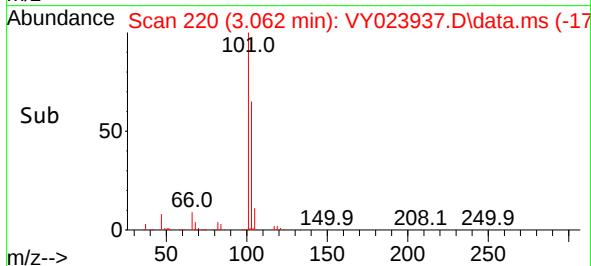
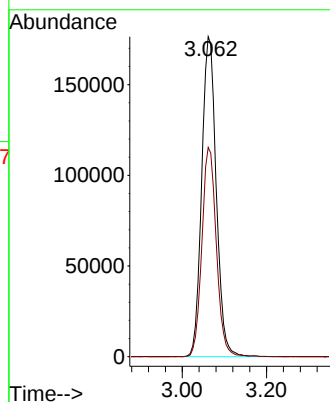
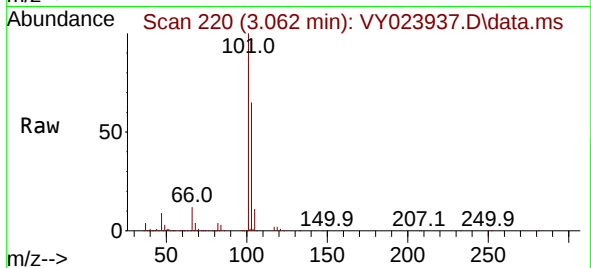




#7
Trichlorofluoromethane
Concen: 48.815 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

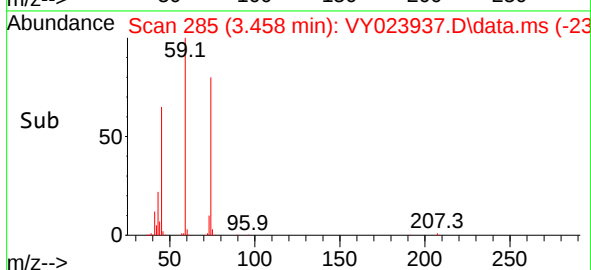
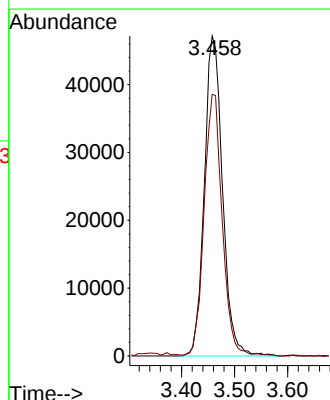
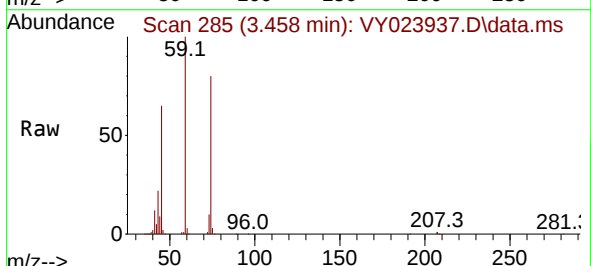
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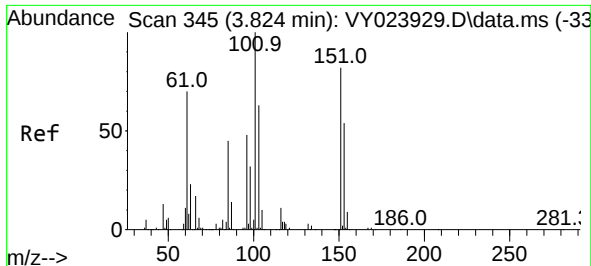
Tgt Ion:101 Resp: 423748
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2



#8
Diethyl Ether
Concen: 47.022 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY023937.D
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Tgt Ion: 74 Resp: 112136
Ion Ratio Lower Upper
74 100
45 82.0 42.0 126.1

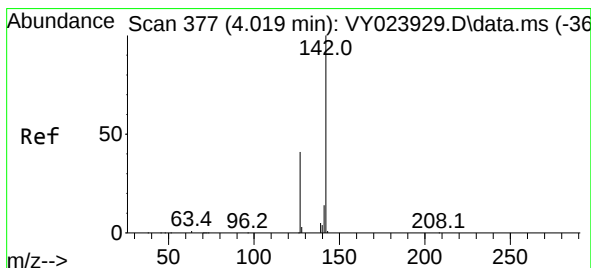
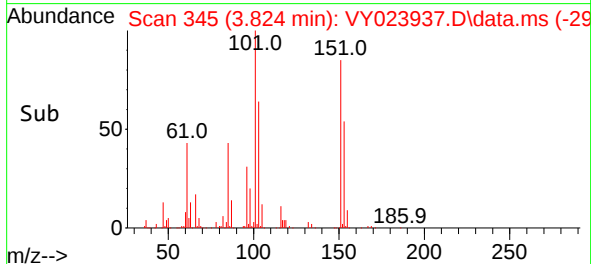
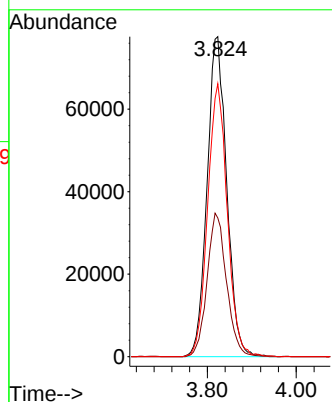
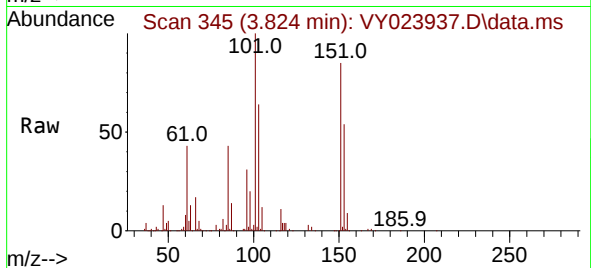




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.160 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

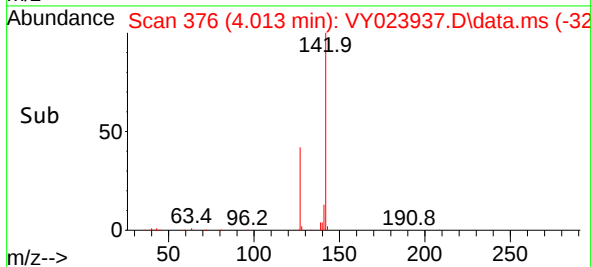
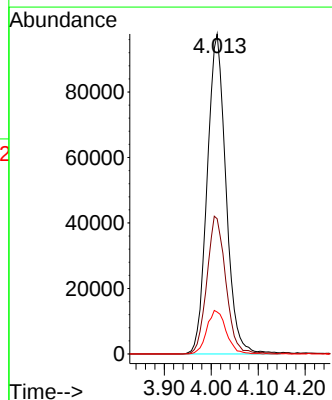
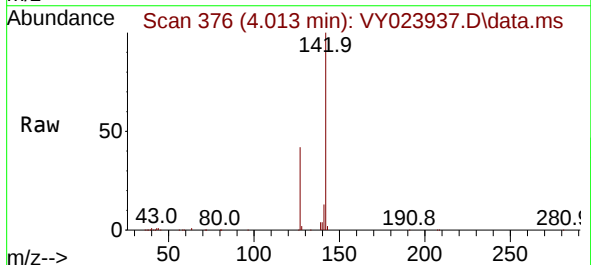
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

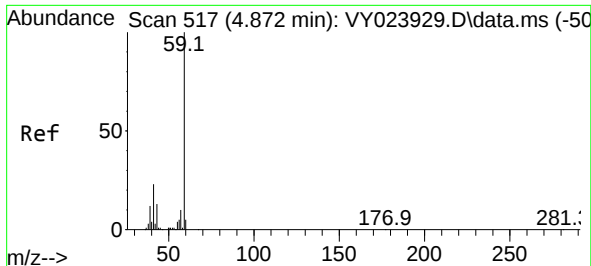
Tgt Ion:101 Resp: 238582
Ion Ratio Lower Upper
101 100
85 44.4 35.1 52.7
151 85.2 67.2 100.8



#10
Methyl Iodide
Concen: 43.407 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion:142 Resp: 270789
Ion Ratio Lower Upper
142 100
127 43.2 34.5 51.7
141 14.0 11.5 17.3

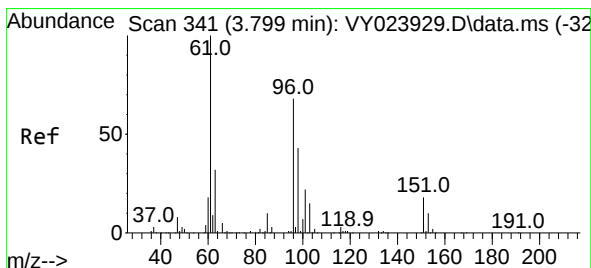
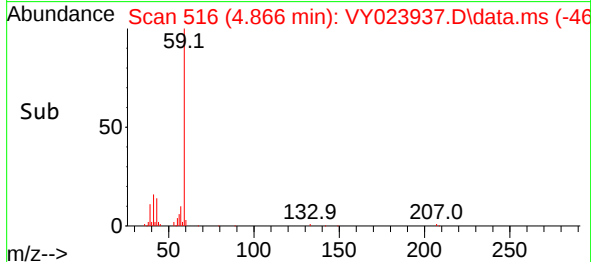
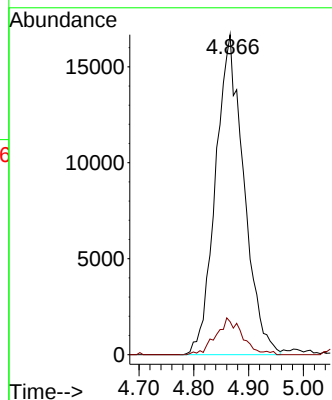
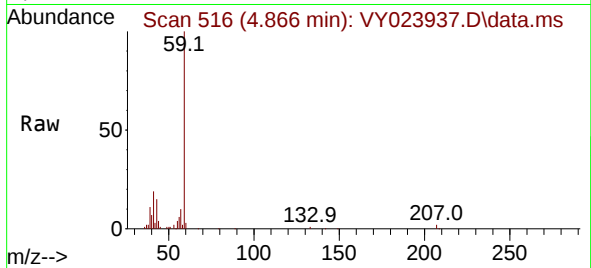




#11
Tert butyl alcohol
Concen: 223.113 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

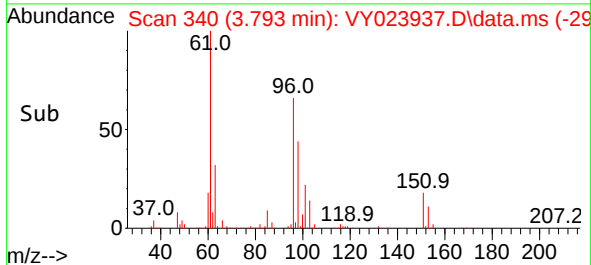
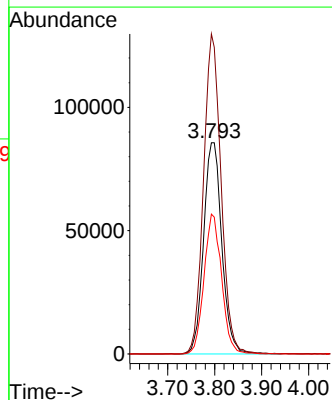
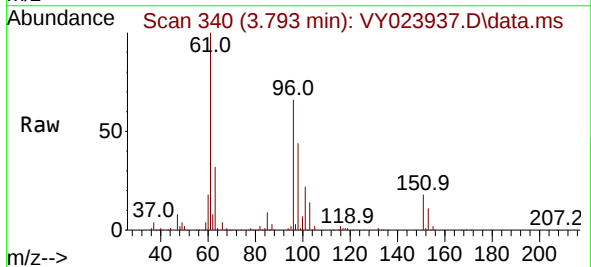
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

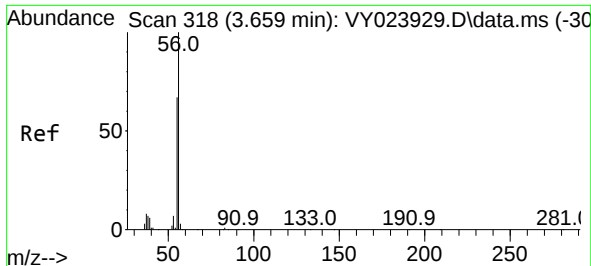
Tgt Ion: 59 Resp: 59831
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 48.594 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 96 Resp: 230979
Ion Ratio Lower Upper
96 100
61 151.5 117.0 175.6
98 66.2 50.5 75.7

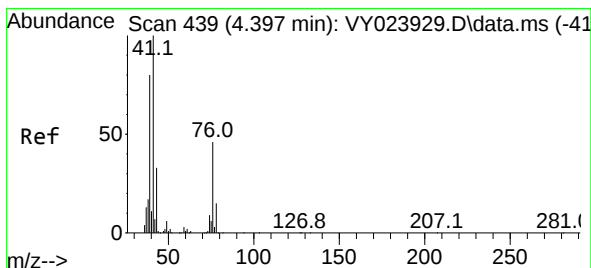
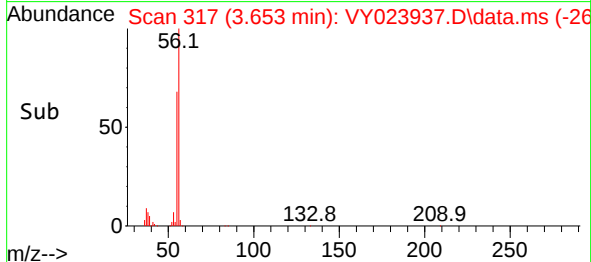
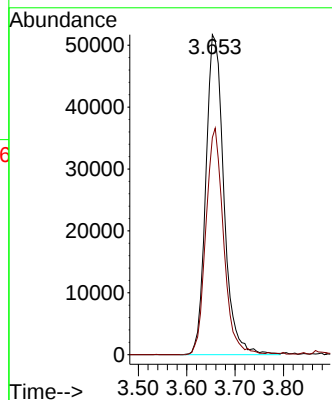
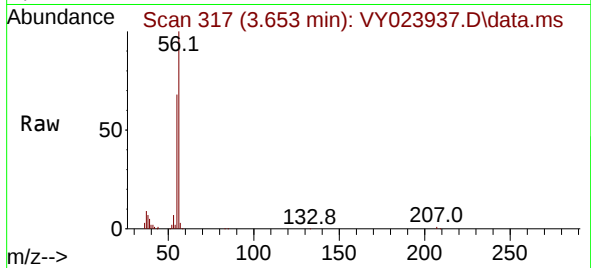




#13
Acrolein
Concen: 312.140 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

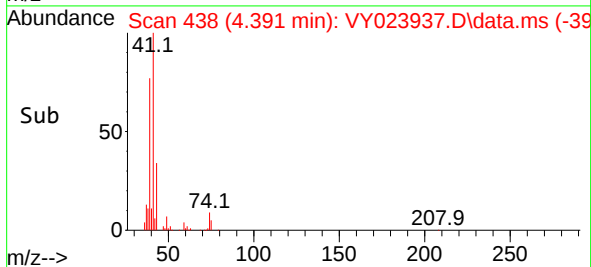
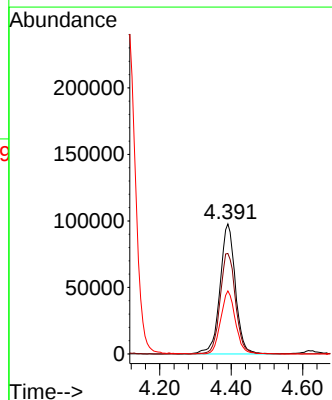
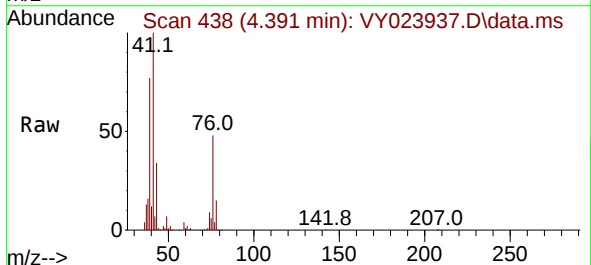
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

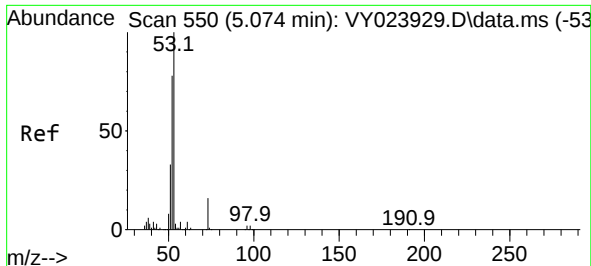
Tgt Ion: 56 Resp: 133875
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5



#14
Allyl chloride
Concen: 48.020 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 41 Resp: 292052
Ion Ratio Lower Upper
41 100
39 77.3 62.9 94.3
76 46.1 35.7 53.5

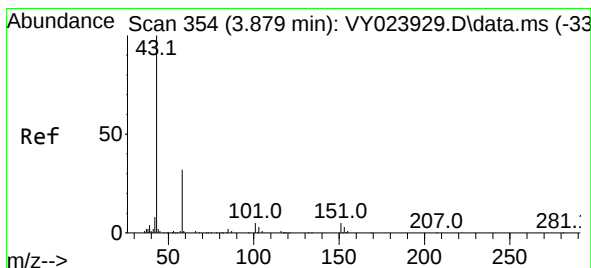
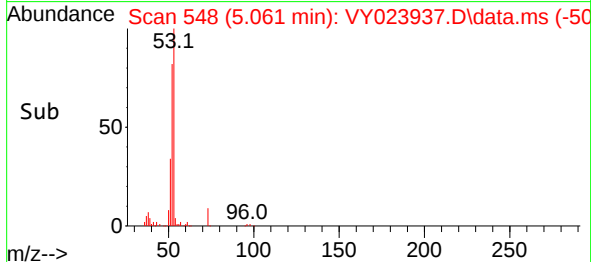
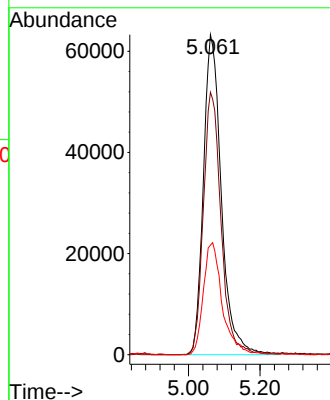
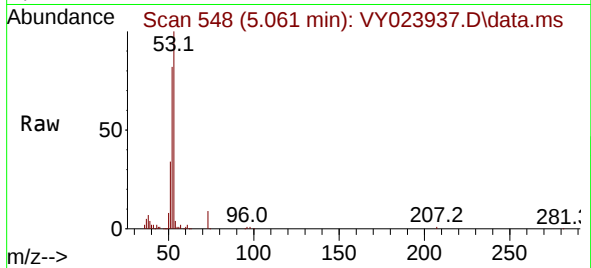




#15
Acrylonitrile
Concen: 232.132 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

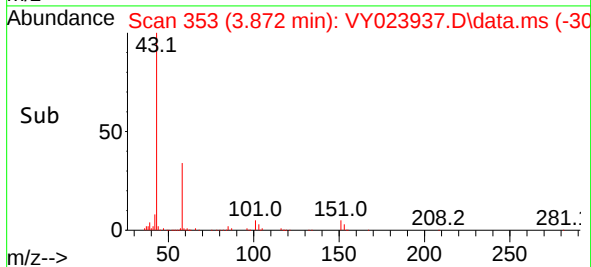
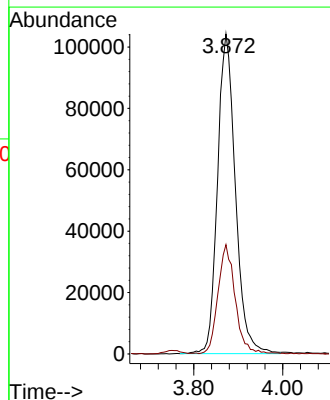
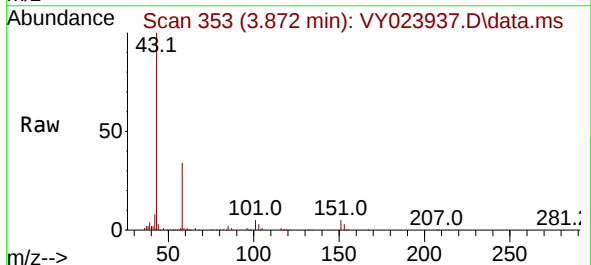
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

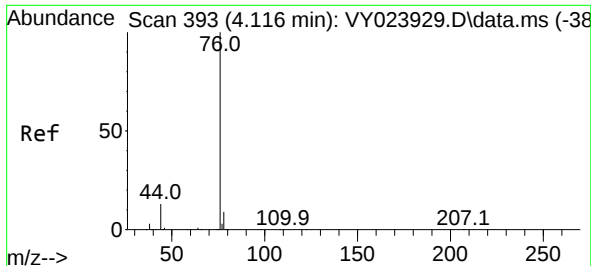
Tgt Ion: 53 Resp: 220558
Ion Ratio Lower Upper
53 100
52 80.4 64.2 96.2
51 36.7 29.3 43.9



#16
Acetone
Concen: 240.905 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 43 Resp: 289787
Ion Ratio Lower Upper
43 100
58 34.0 26.4 39.6

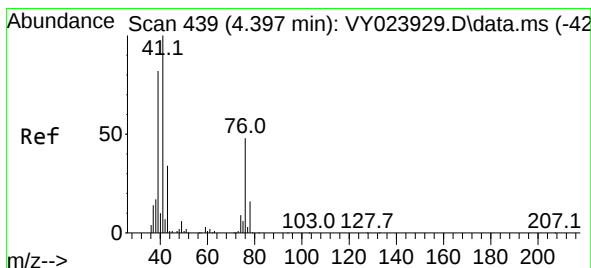
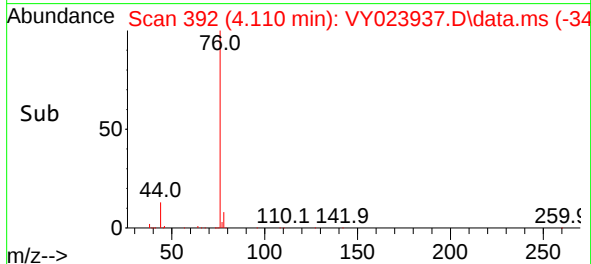
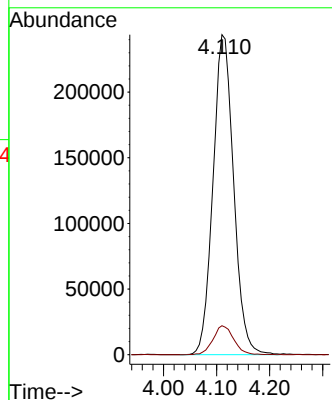
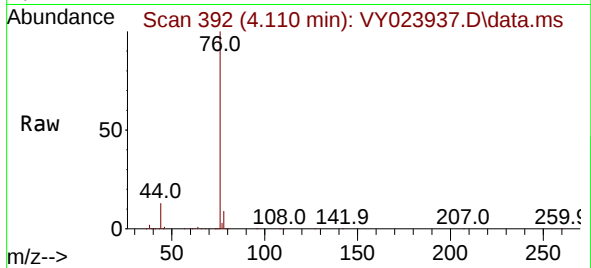




#17
Carbon Disulfide
Concen: 52.182 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

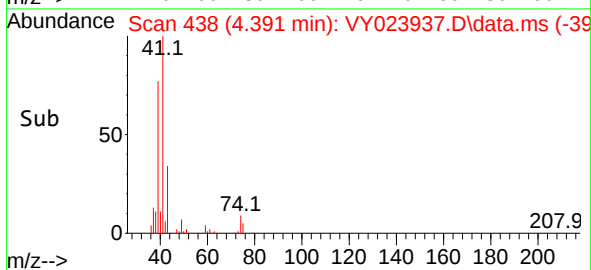
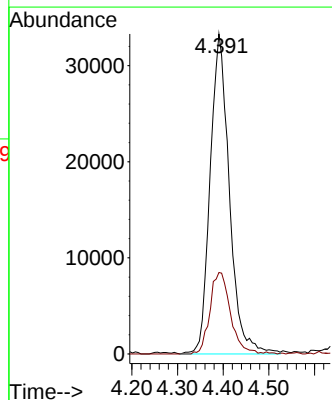
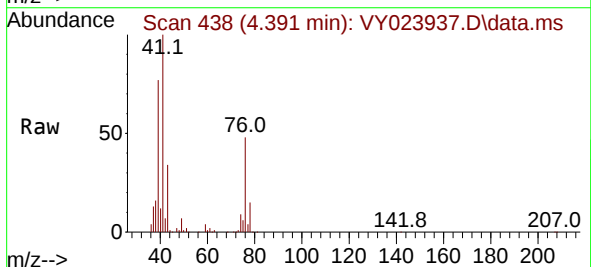
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

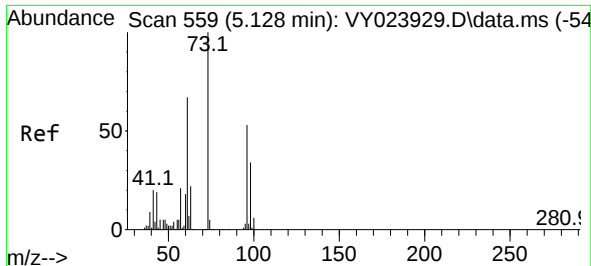
Tgt Ion: 76 Resp: 658676
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 46.496 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 43 Resp: 97421
Ion Ratio Lower Upper
43 100
74 27.1 22.6 33.8

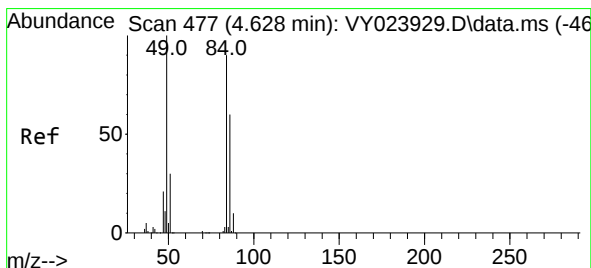
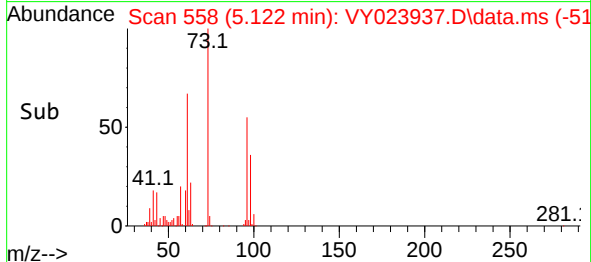
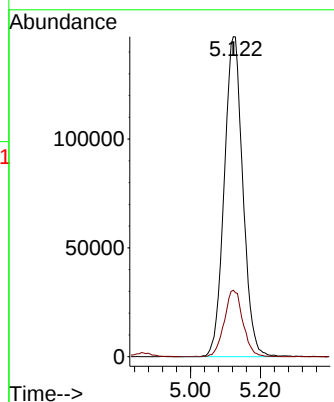
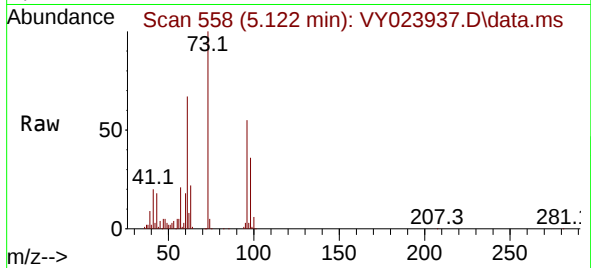




#19
Methyl tert-butyl Ether
Concen: 47.863 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

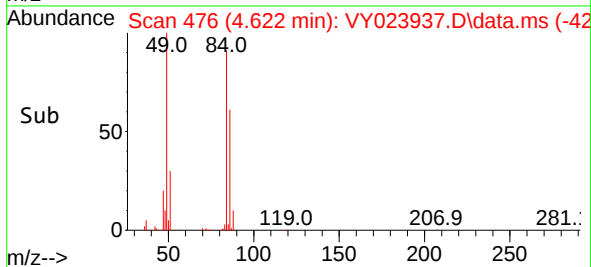
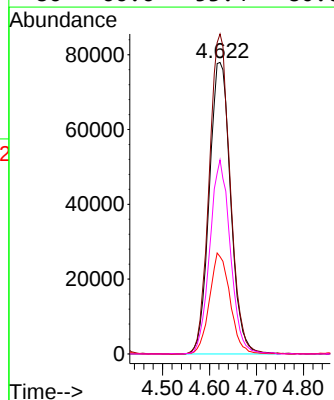
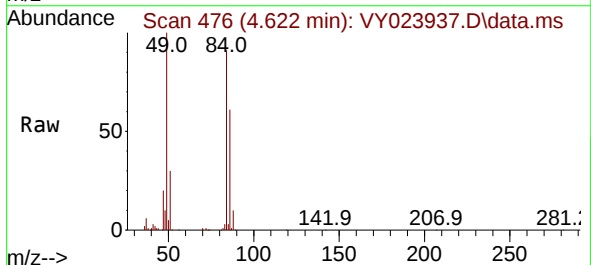
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

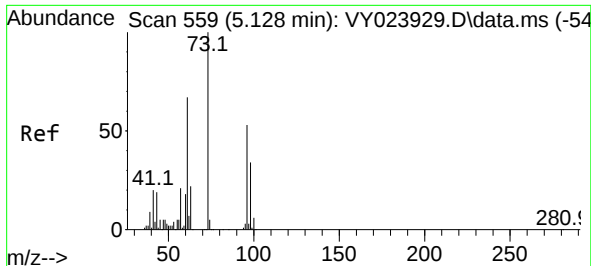
Tgt Ion: 73 Resp: 544044
Ion Ratio Lower Upper
73 100
57 20.8 17.1 25.7



#20
Methylene Chloride
Concen: 45.051 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 84 Resp: 245441
Ion Ratio Lower Upper
84 100
49 109.8 89.1 133.7
51 33.4 26.6 39.8
86 66.6 53.4 80.0

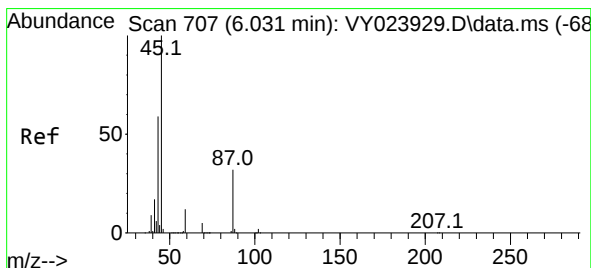
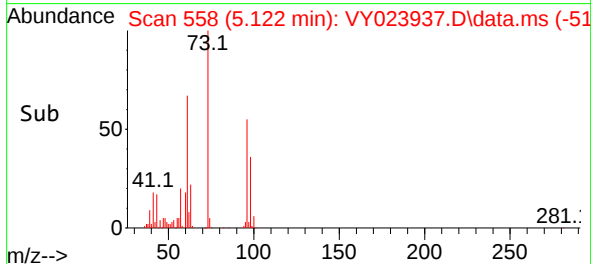
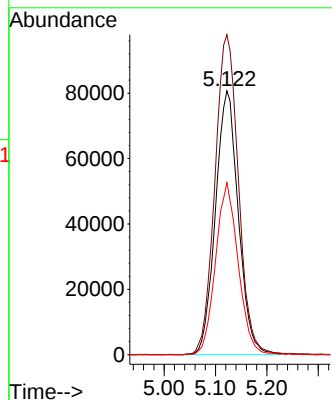
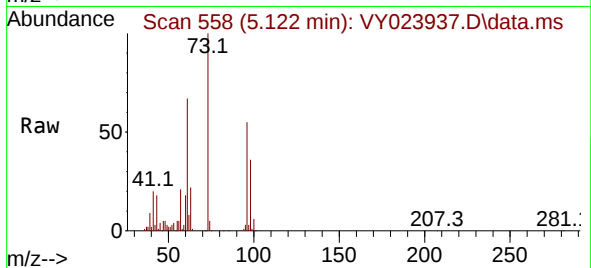




#21
trans-1,2-Dichloroethene
Concen: 47.948 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

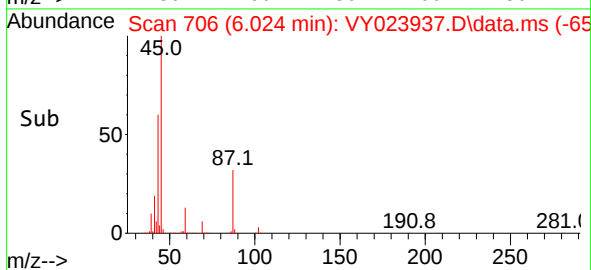
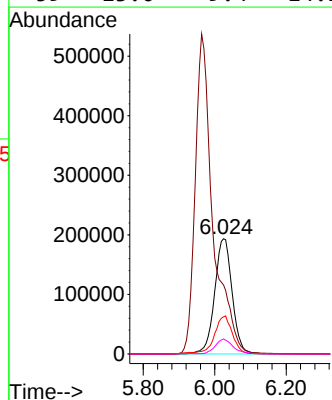
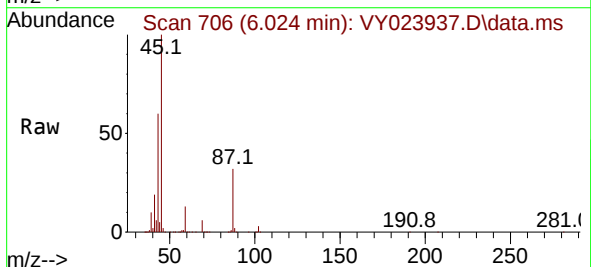
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

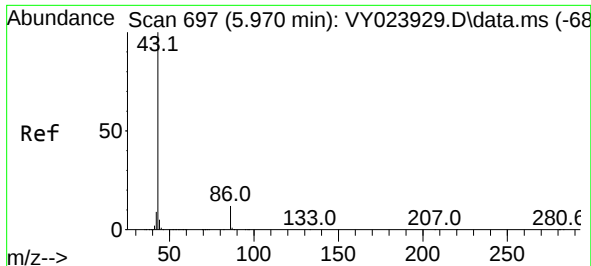
Tgt Ion: 96 Resp: 250193
Ion Ratio Lower Upper
96 100
61 121.3 101.4 152.0
98 65.2 51.7 77.5



#22
Diisopropyl ether
Concen: 47.471 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 45 Resp: 657430
Ion Ratio Lower Upper
45 100
43 59.6 47.0 70.6
87 32.2 26.0 39.0
59 13.0 9.4 14.2

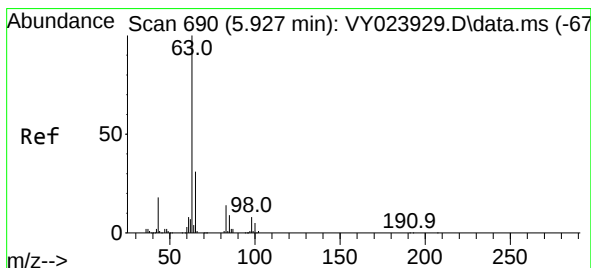
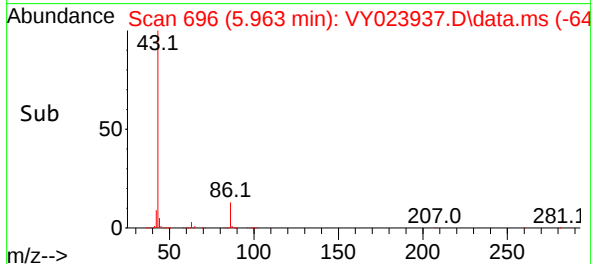
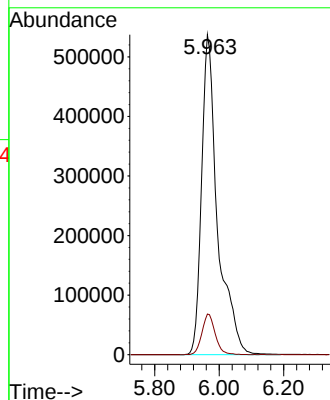
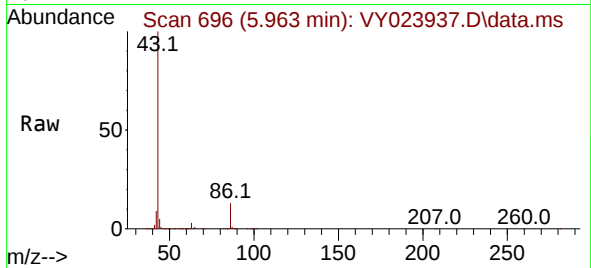




#23
 Vinyl Acetate
 Concen: 240.147 ug/l
 RT: 5.963 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY023937.D
 Acq: 10 Dec 2025 13:58

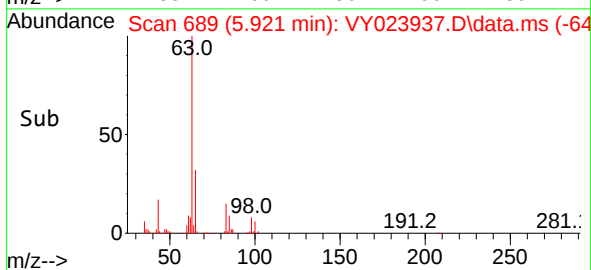
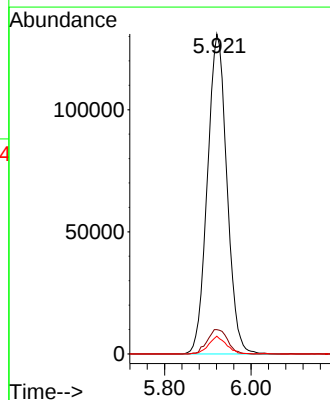
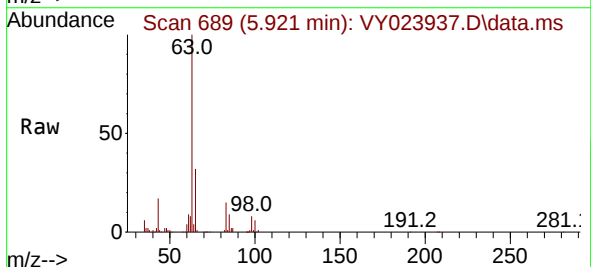
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121025

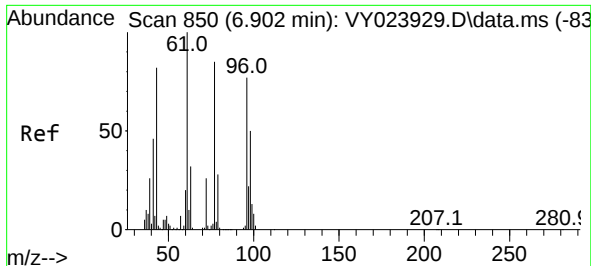
Tgt Ion: 43 Resp: 1847929
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 47.454 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY023937.D
 Acq: 10 Dec 2025 13:58

Tgt Ion: 63 Resp: 409630
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 5.5 2.3 6.9

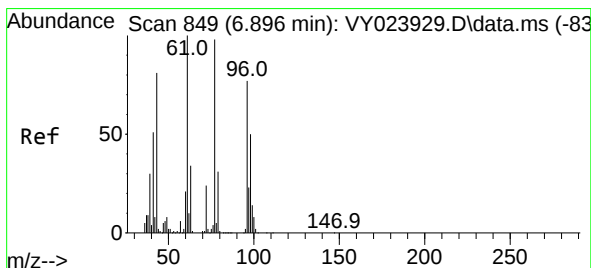
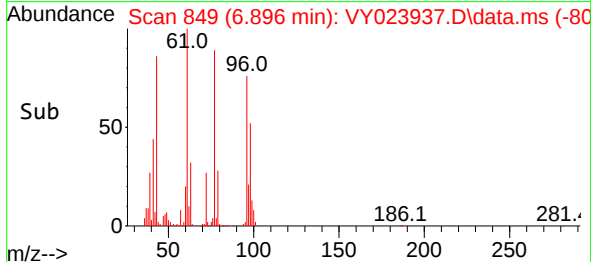
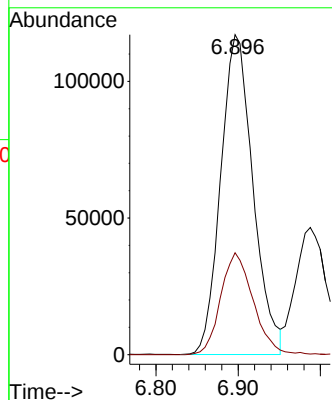
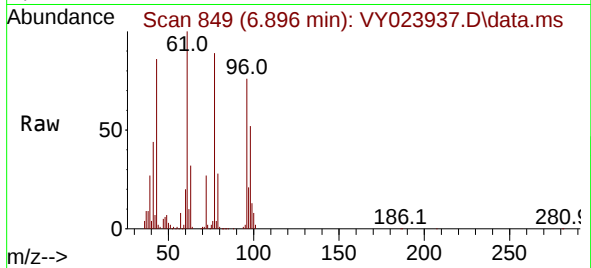




#25
2-Butanone
Concen: 223.168 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

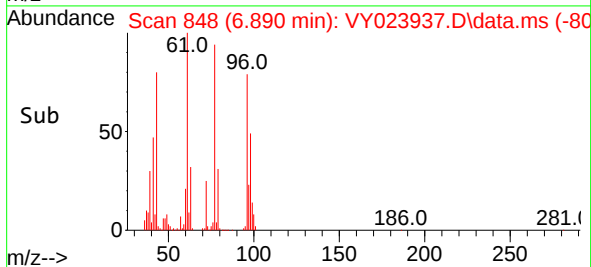
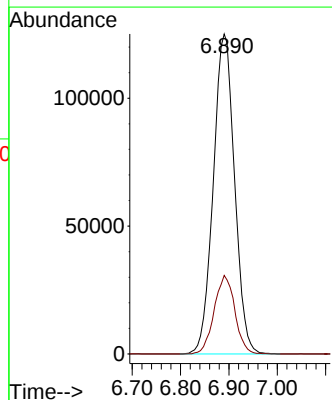
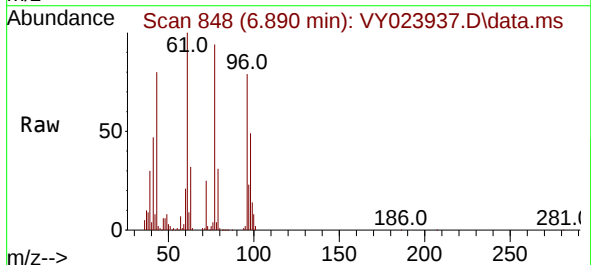
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

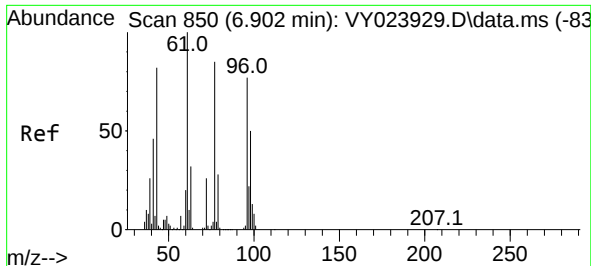
Tgt Ion: 43 Resp: 319388
Ion Ratio Lower Upper
43 100
72 31.9 25.0 37.6



#26
2,2-Dichloropropane
Concen: 47.369 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 77 Resp: 381788
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.9

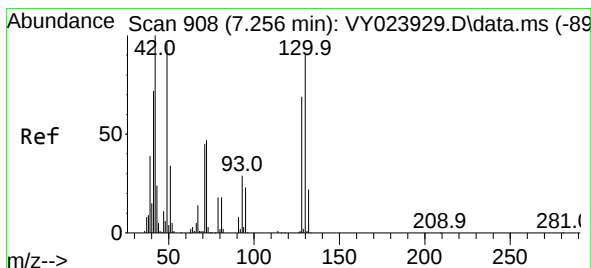
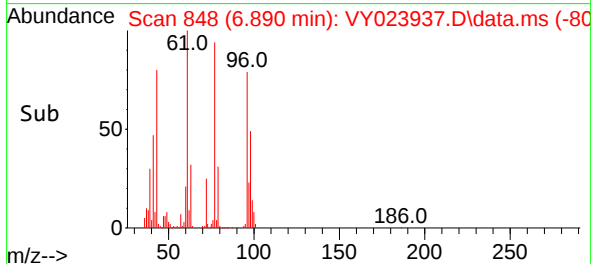
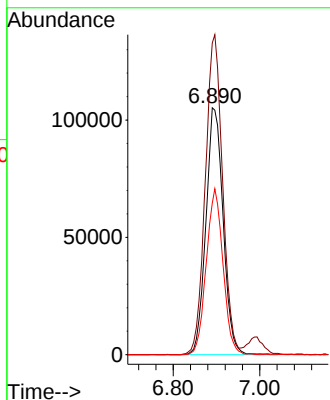
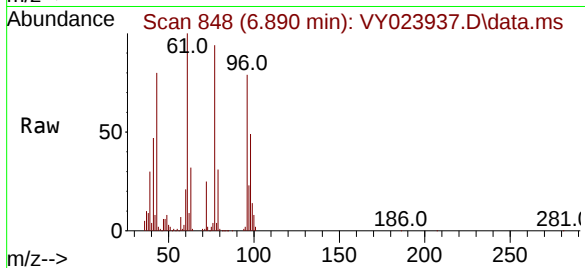




#27
 cis-1,2-Dichloroethene
 Concen: 48.575 ug/l
 RT: 6.890 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: VY023937.D
 Acq: 10 Dec 2025 13:58

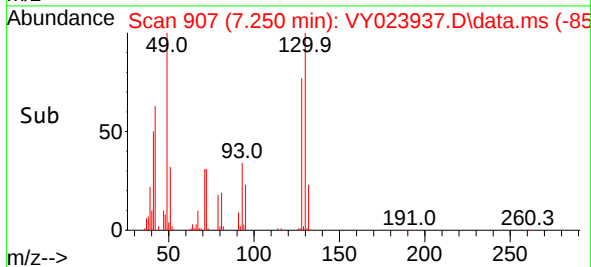
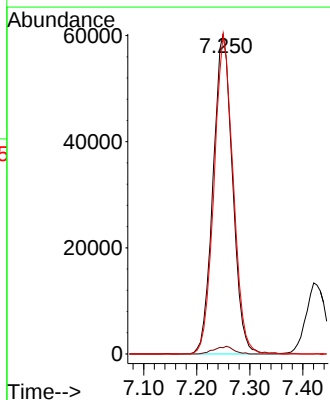
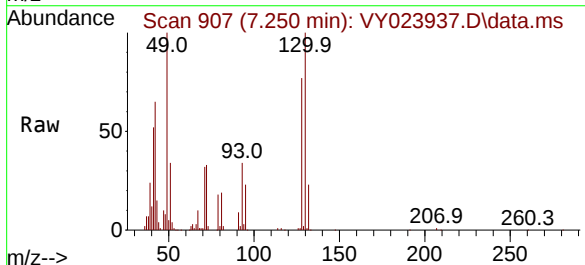
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121025

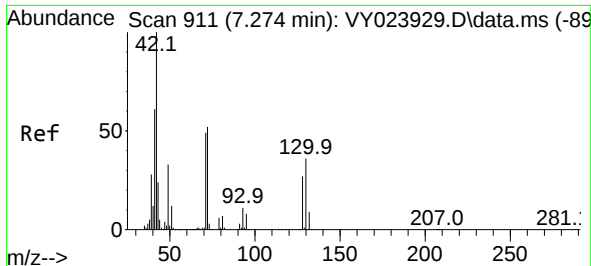
Tgt Ion: 96 Resp: 290971
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 264.6
 98 65.2 0.0 129.6



#28
 Bromochloromethane
 Concen: 47.087 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VY023937.D
 Acq: 10 Dec 2025 13:58

Tgt Ion: 49 Resp: 153127
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 98.1 74.4 111.6

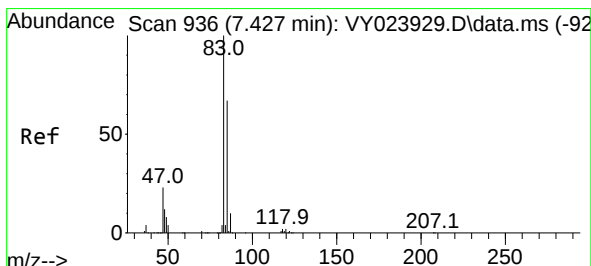
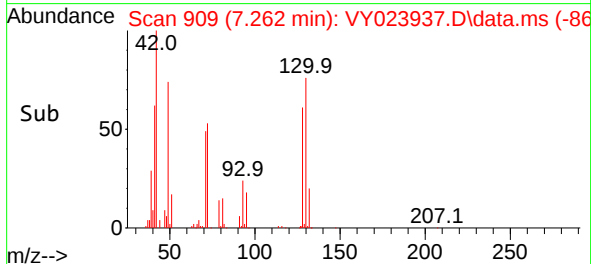
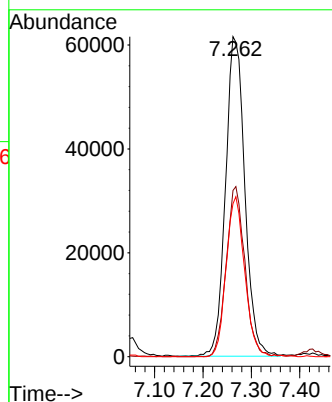
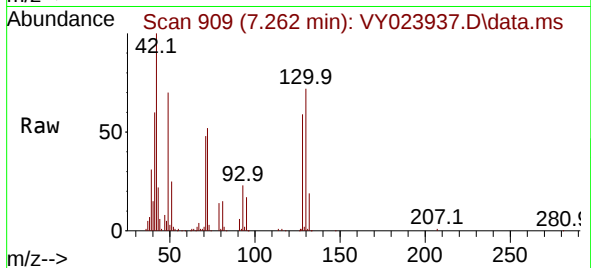




#29
Tetrahydrofuran
Concen: 233.871 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.012 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

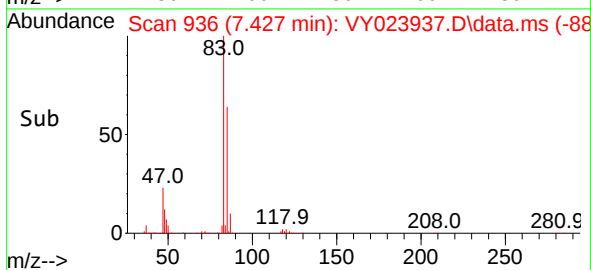
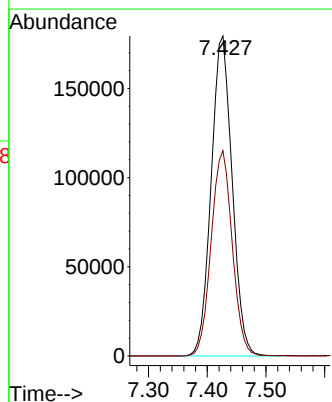
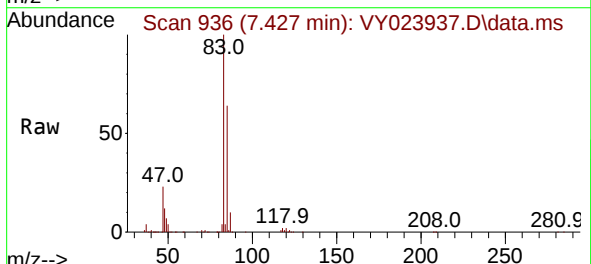
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

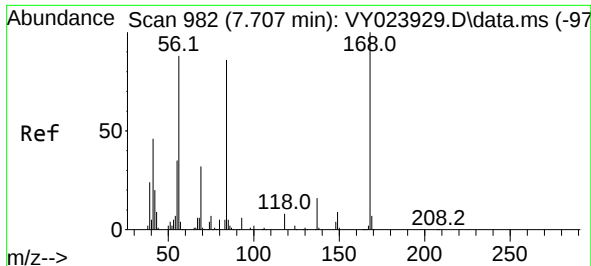
Tgt Ion: 42 Resp: 170699
Ion Ratio Lower Upper
42 100
72 51.5 40.0 60.0
71 48.0 37.7 56.5



#30
Chloroform
Concen: 47.213 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 83 Resp: 445184
Ion Ratio Lower Upper
83 100
85 64.1 53.4 80.0

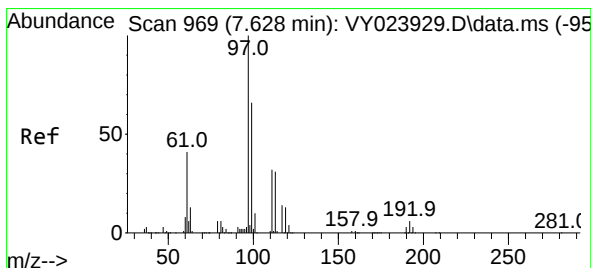
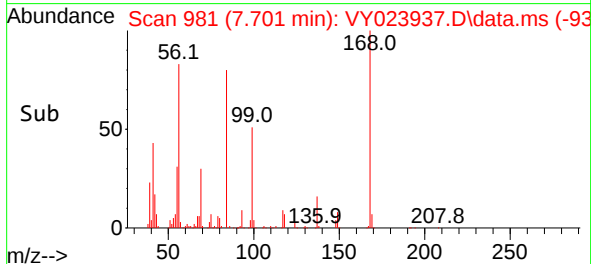
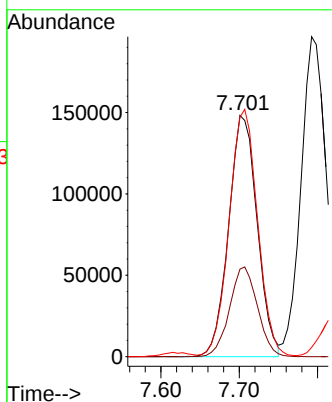
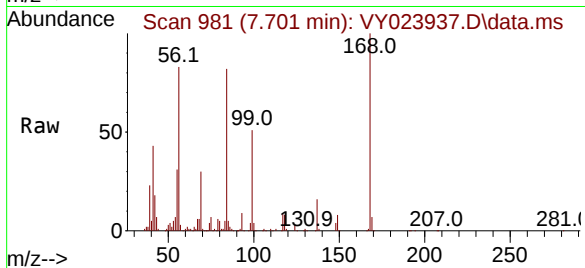




#31
Cyclohexane
Concen: 47.300 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

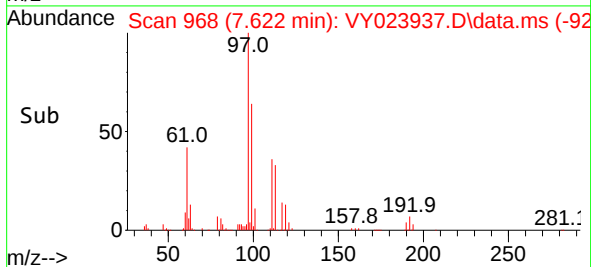
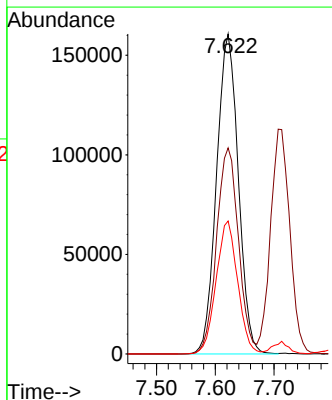
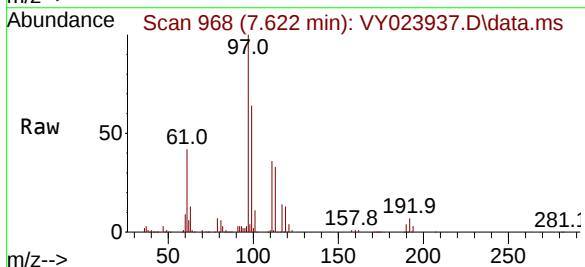
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

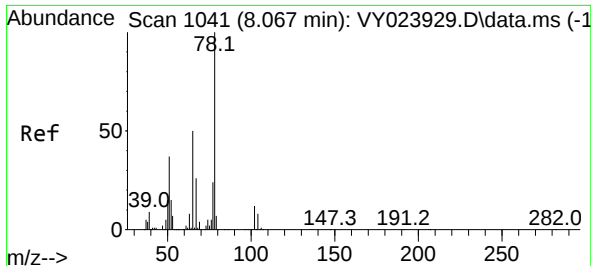
Tgt Ion: 56 Resp: 375657
Ion Ratio Lower Upper
56 100
69 36.3 29.1 43.7
84 97.8 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 47.305 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 97 Resp: 413631
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 41.2 32.8 49.2

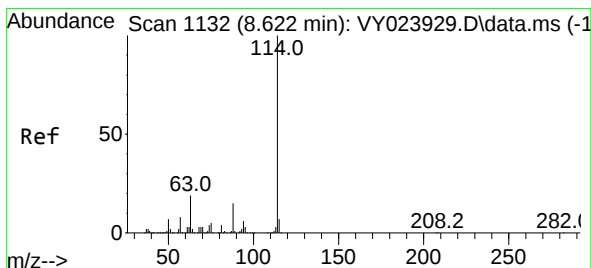
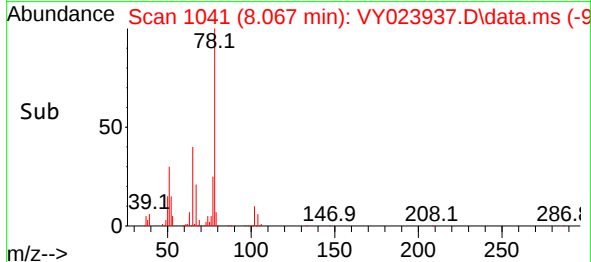
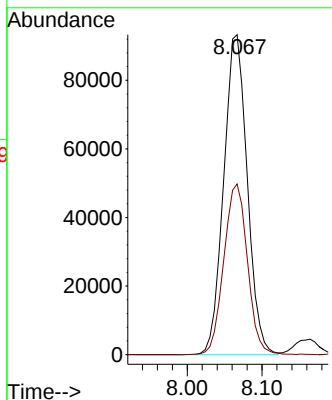
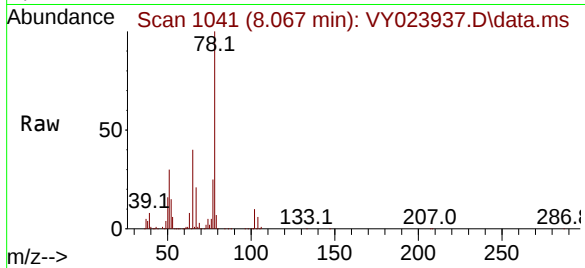




#33
1,2-Dichloroethane-d4
Concen: 44.206 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

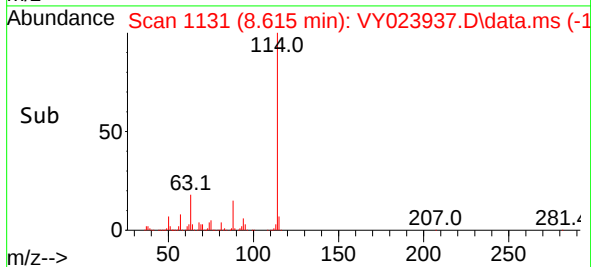
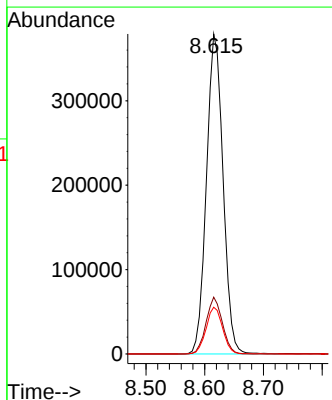
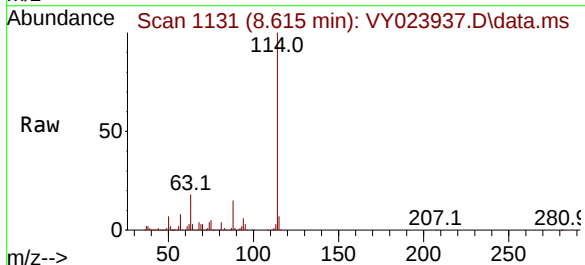
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121025

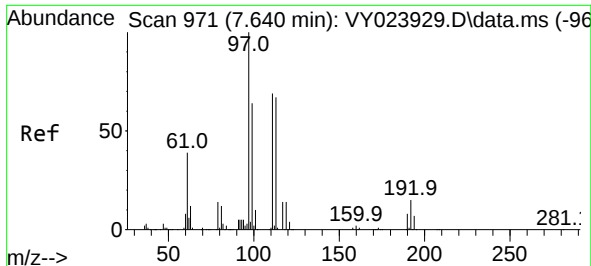
Tgt Ion: 65 Resp: 204718
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 114 Resp: 742918
Ion Ratio Lower Upper
114 100
63 17.8 0.0 37.2
88 14.6 0.0 29.4

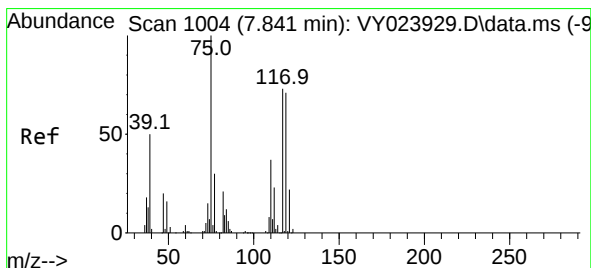
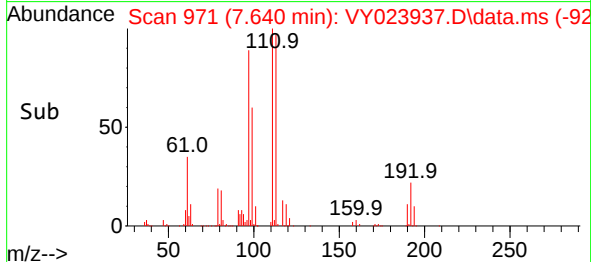
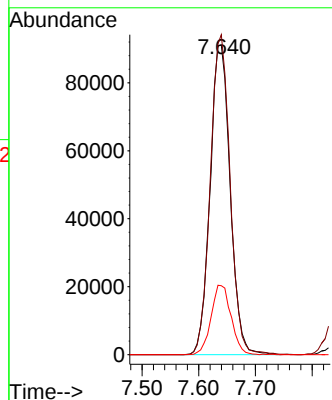
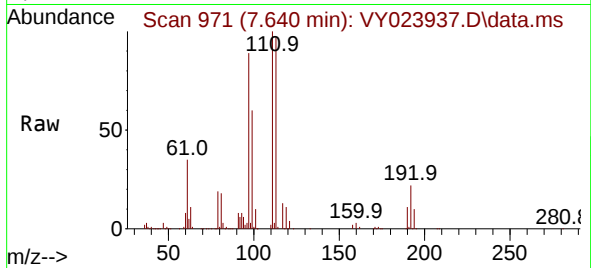




#35
Dibromofluoromethane
Concen: 46.190 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

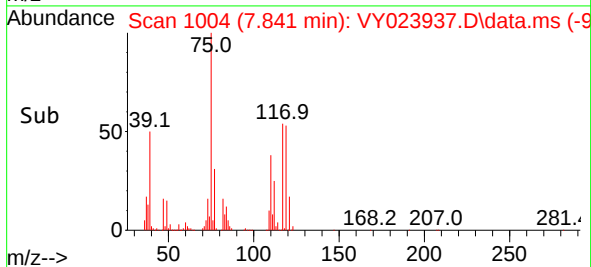
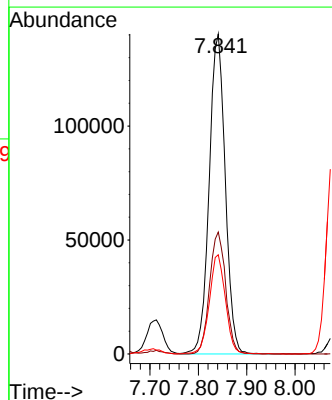
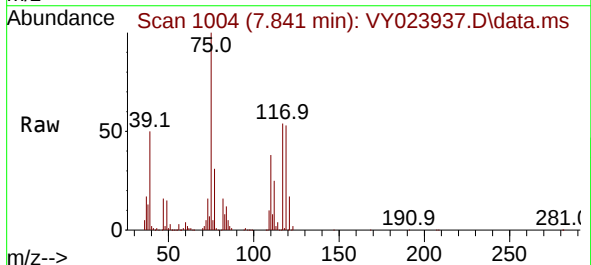
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121025

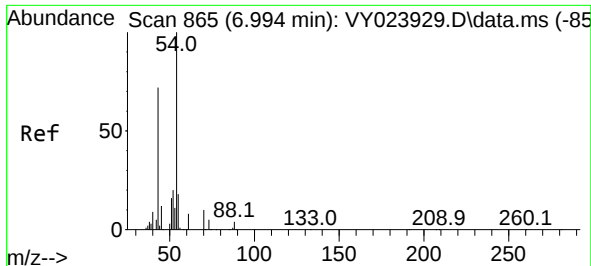
Tgt Ion:113 Resp: 224316
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 22.3 17.9 26.9



#36
1,1-Dichloropropene
Concen: 49.078 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 75 Resp: 324482
Ion Ratio Lower Upper
75 100
110 38.2 19.2 57.6
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 46.871 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121025

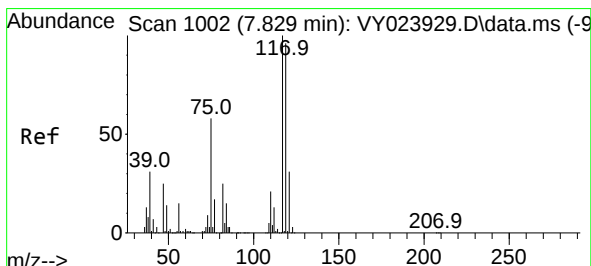
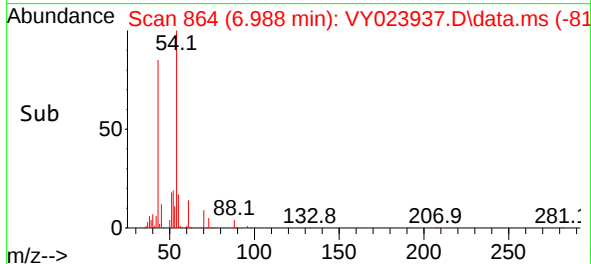
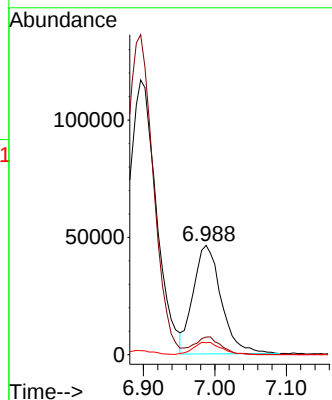
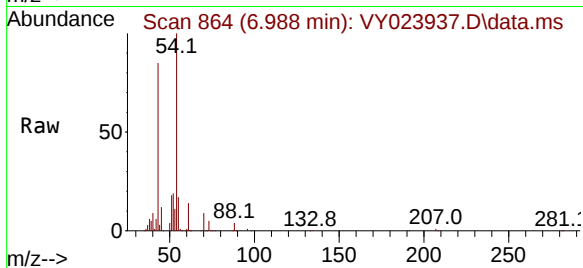
Tgt Ion: 43 Resp: 126189

Ion Ratio Lower Upper

43 100

61 15.2 11.9 17.9

70 11.4 9.2 13.8



#38

Carbon Tetrachloride

Concen: 48.152 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

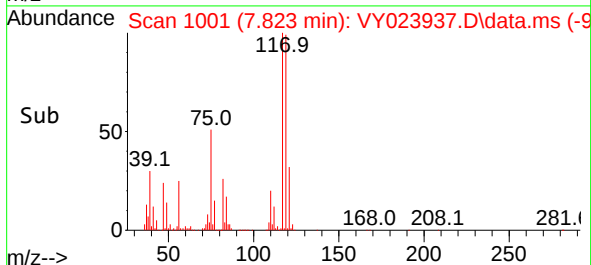
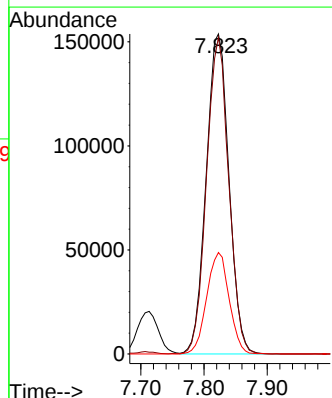
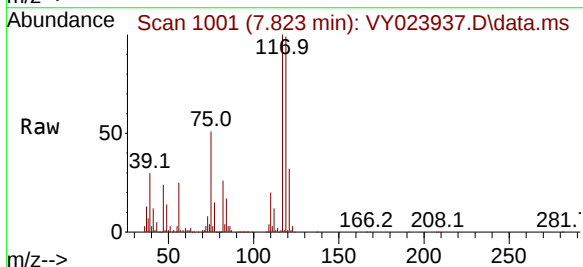
Tgt Ion: 117 Resp: 385883

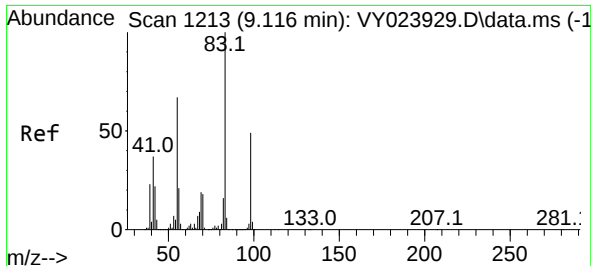
Ion Ratio Lower Upper

117 100

119 99.0 76.6 114.8

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 50.498 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121025

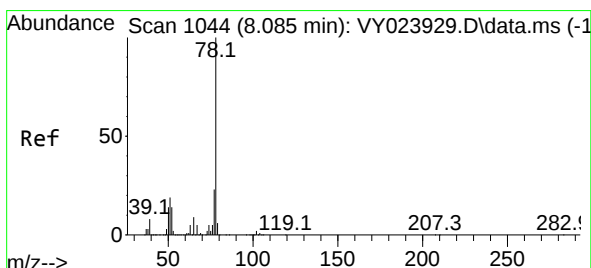
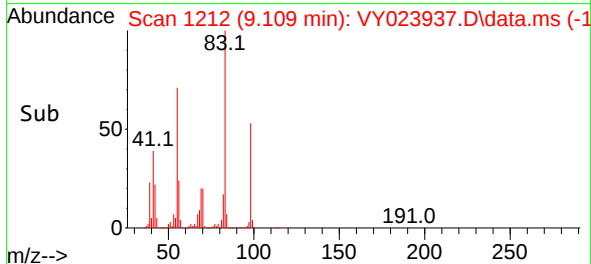
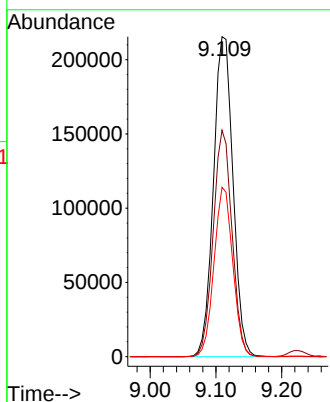
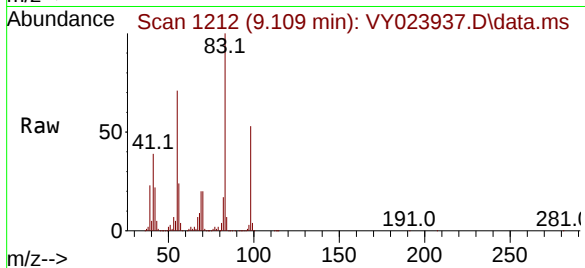
Tgt Ion: 83 Resp: 446055

Ion Ratio Lower Upper

83 100

55 70.7 53.4 80.0

98 53.0 39.2 58.8



#40

Benzene

Concen: 48.168 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023937.D

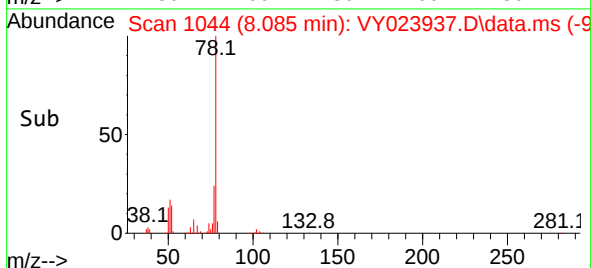
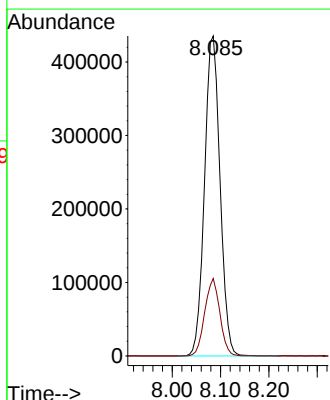
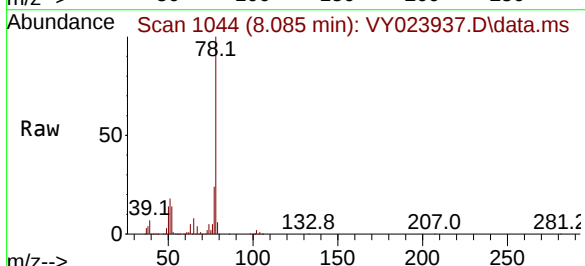
Acq: 10 Dec 2025 13:58

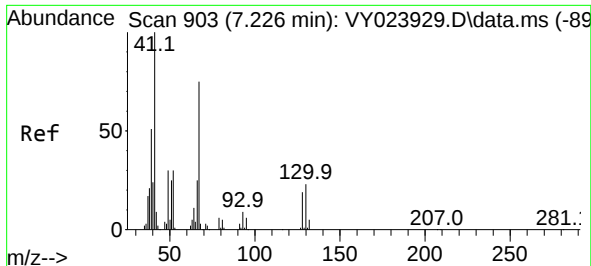
Tgt Ion: 78 Resp: 969801

Ion Ratio Lower Upper

78 100

77 24.2 18.3 27.5



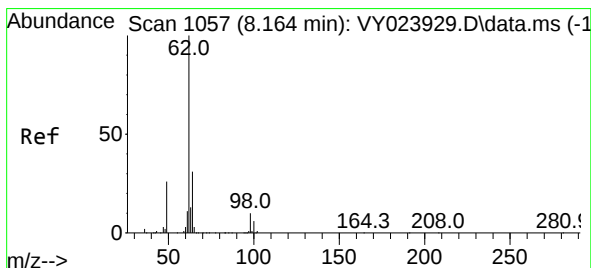
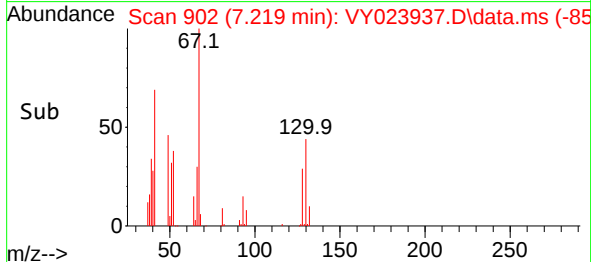
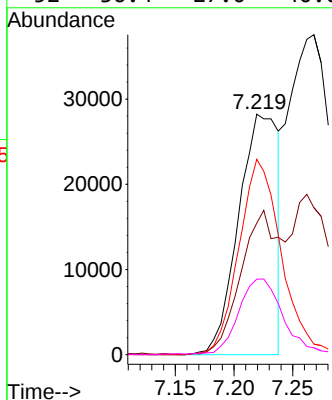
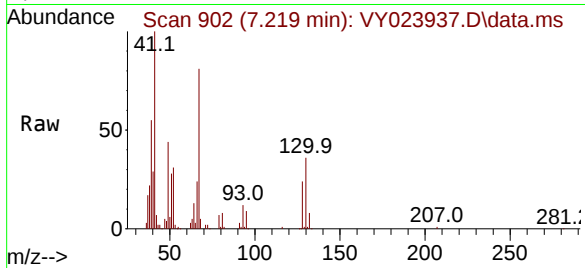


#41
Methacrylonitrile
Concen: 44.751 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

Tgt Ion: 41 Resp: 66280

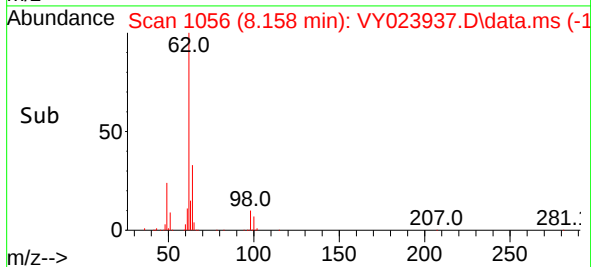
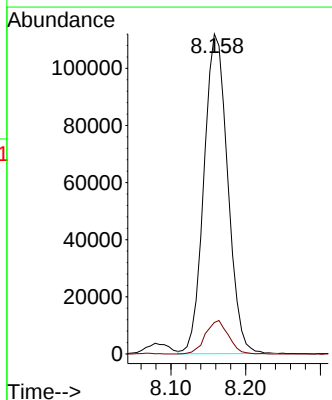
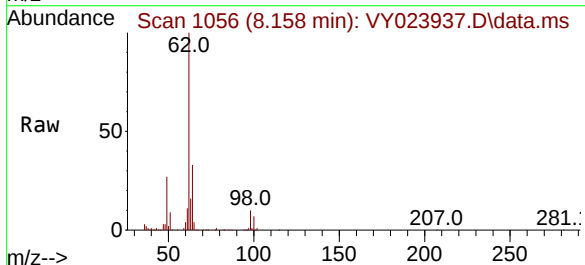
Ion	Ratio	Lower	Upper
41	100		
39	61.6	50.6	75.8
67	87.6	68.0	102.0
52	36.4	27.0	40.6

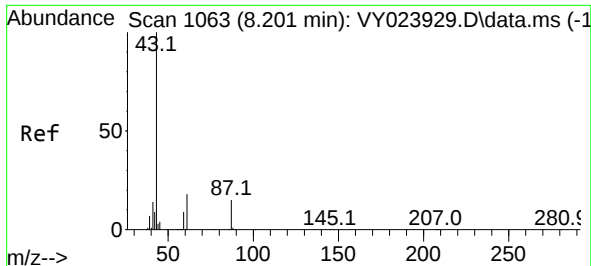


#42
1,2-Dichloroethane
Concen: 46.836 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 62 Resp: 247286

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8

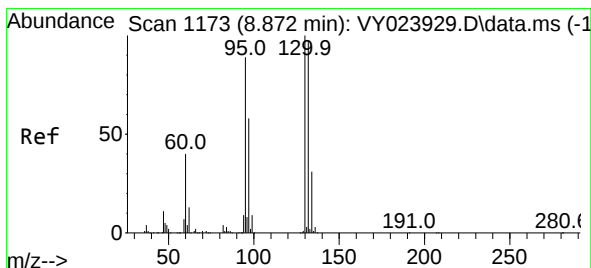
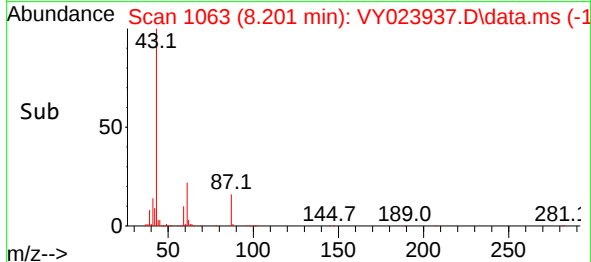
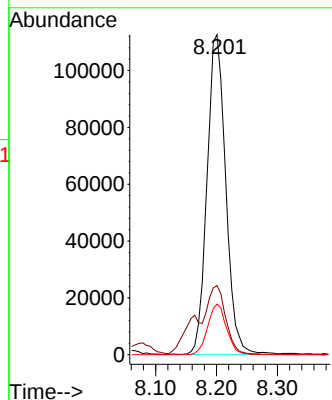
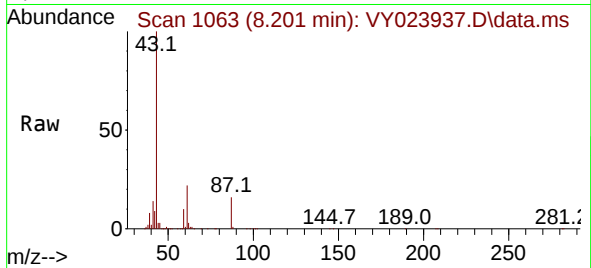




#43
Isopropyl Acetate
Concen: 47.354 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

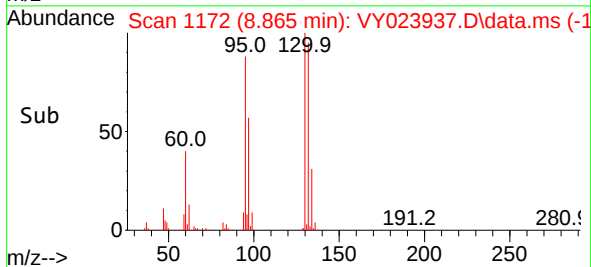
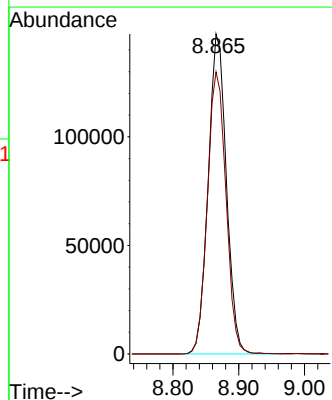
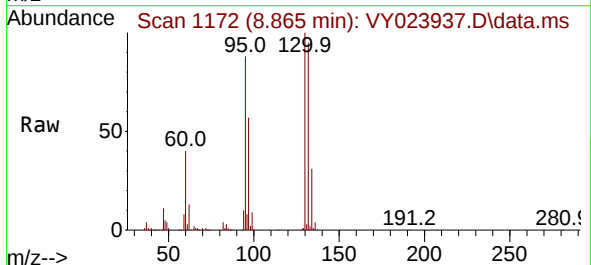
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121025

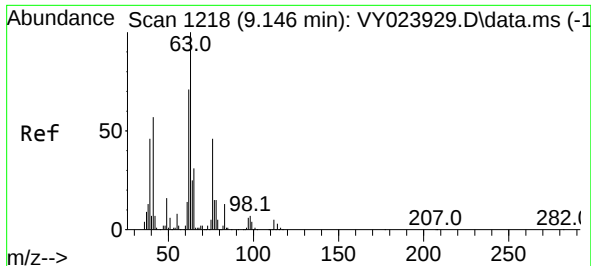
Tgt Ion: 43 Resp: 240111
Ion Ratio Lower Upper
43 100
61 21.4 17.4 26.2
87 15.9 12.3 18.5



#44
Trichloroethene
Concen: 48.687 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion:130 Resp: 284227
Ion Ratio Lower Upper
130 100
95 88.2 0.0 178.8





#45

1,2-Dichloropropane

Concen: 47.651 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

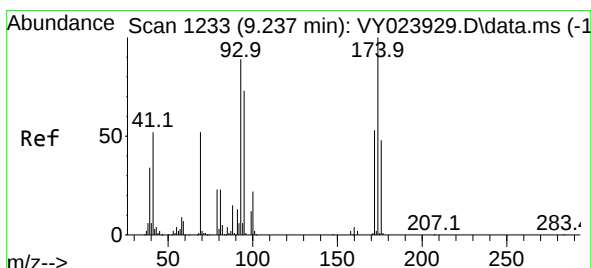
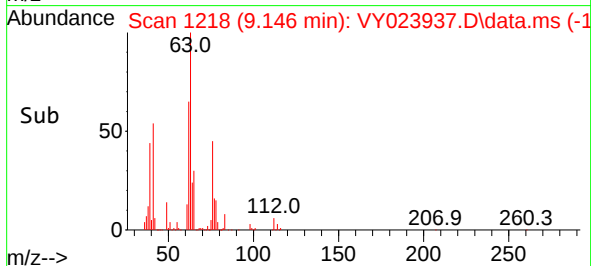
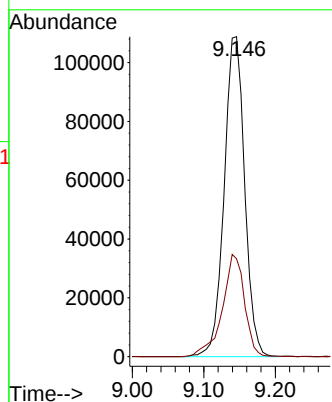
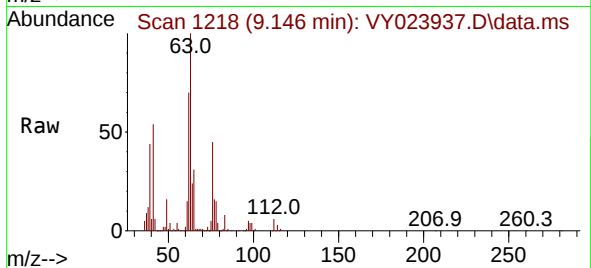
ICVY121025

Tgt Ion: 63 Resp: 216463

Ion Ratio Lower Upper

63 100

65 30.6 25.1 37.7



#46

Dibromomethane

Concen: 48.476 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

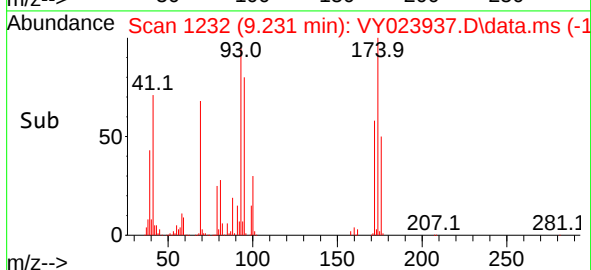
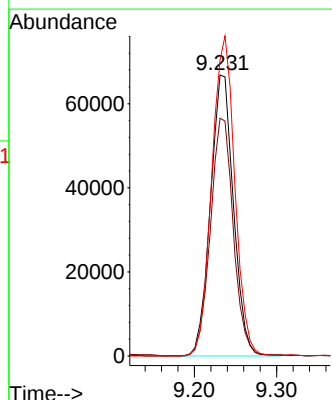
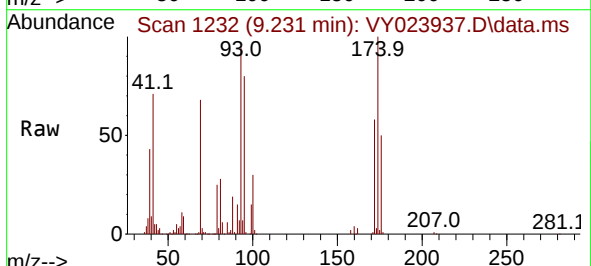
Tgt Ion: 93 Resp: 129698

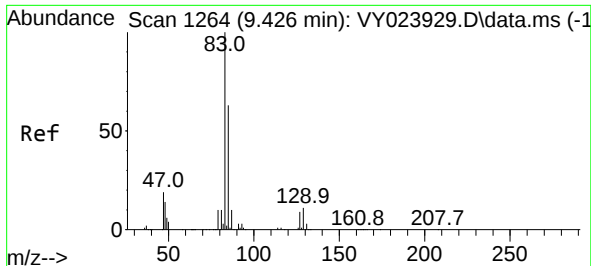
Ion Ratio Lower Upper

93 100

95 84.2 65.1 97.7

174 114.1 90.6 136.0

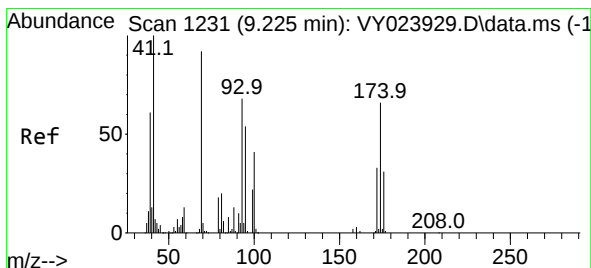
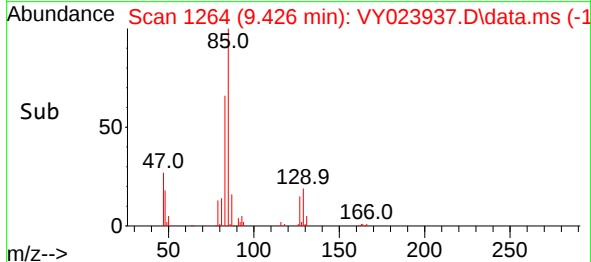
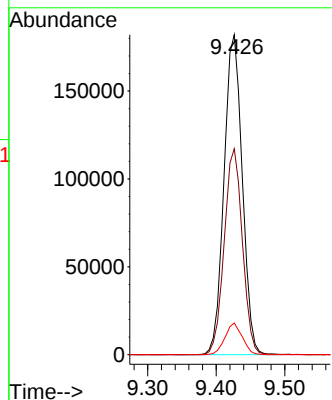
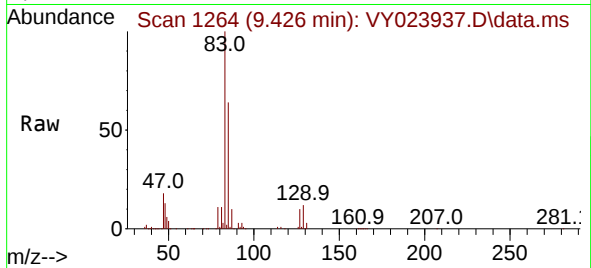




#47
Bromodichloromethane
Concen: 47.642 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

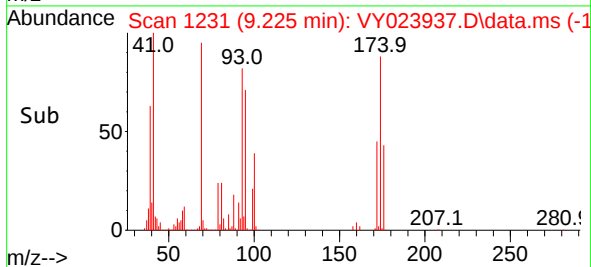
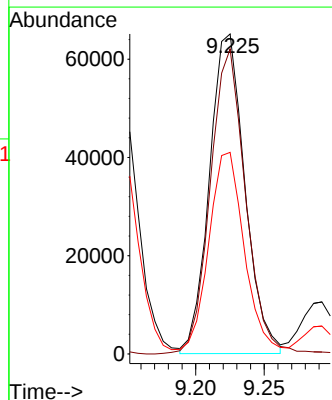
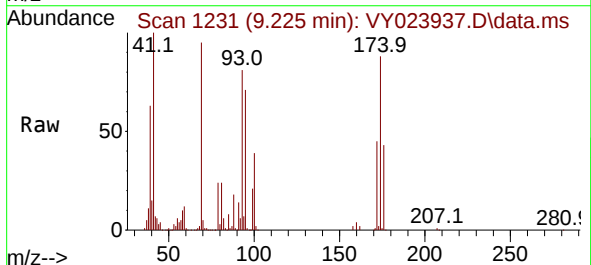
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

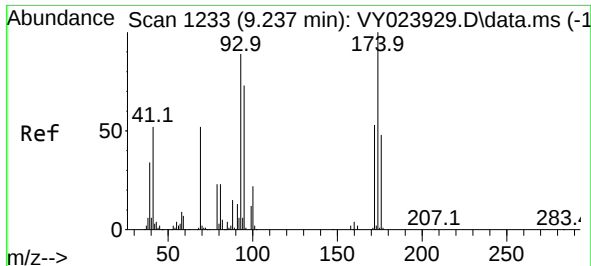
Tgt Ion: 83 Resp: 335325
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1
127 9.9 7.0 10.4



#48
Methyl methacrylate
Concen: 49.597 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 41 Resp: 117073
Ion Ratio Lower Upper
41 100
69 95.2 74.7 112.1
39 60.9 47.4 71.2





#49

1,4-Dioxane

Concen: 959.715 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121025

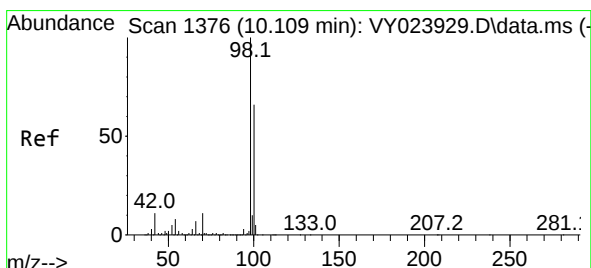
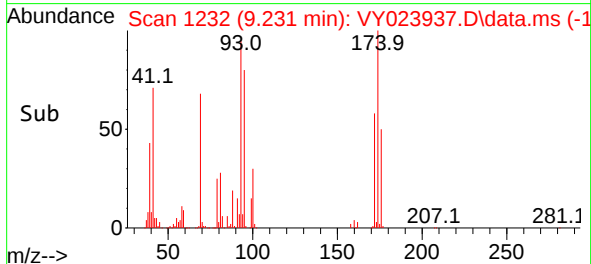
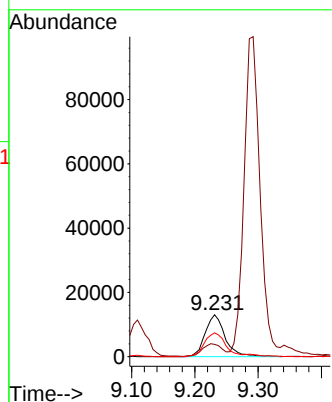
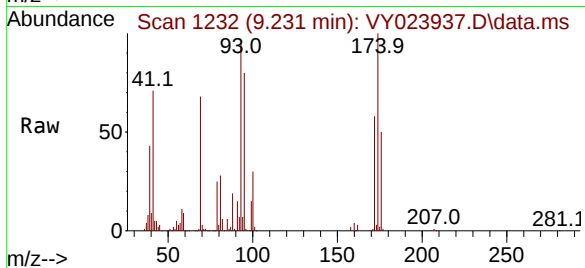
Tgt Ion: 88 Resp: 28626

Ion Ratio Lower Upper

88 100

43 29.0 22.3 33.5

58 59.5 52.3 78.5



#50

Toluene-d8

Concen: 46.438 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023937.D

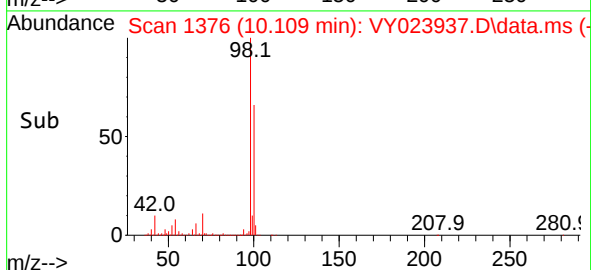
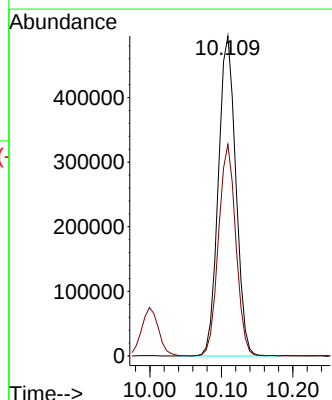
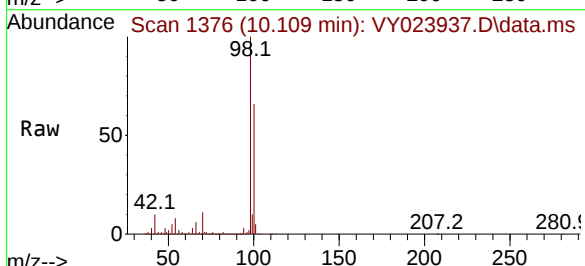
Acq: 10 Dec 2025 13:58

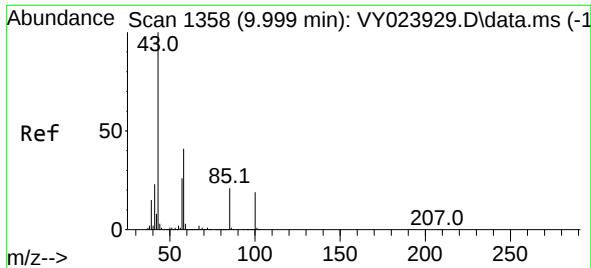
Tgt Ion: 98 Resp: 839644

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2

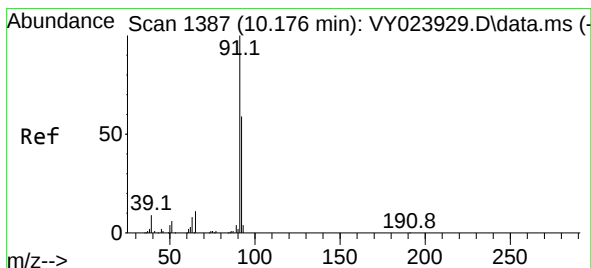
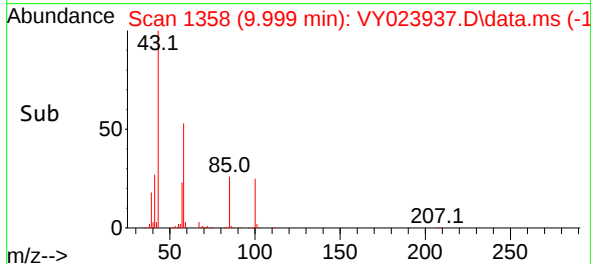
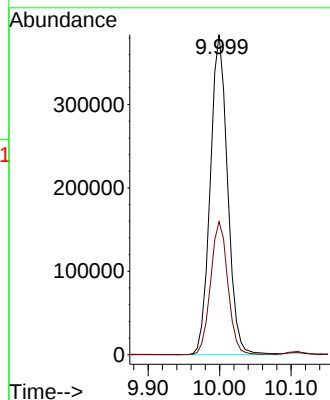
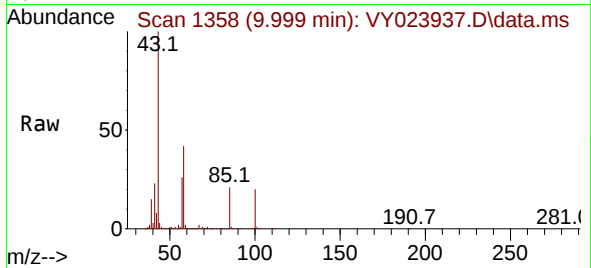




#51
4-Methyl-2-Pentanone
Concen: 240.243 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

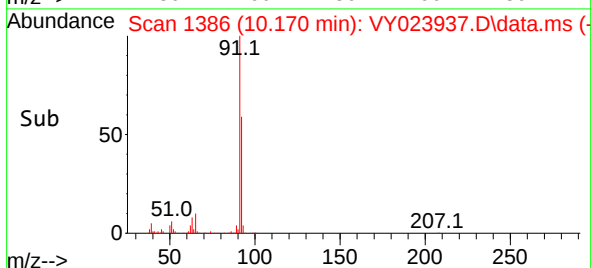
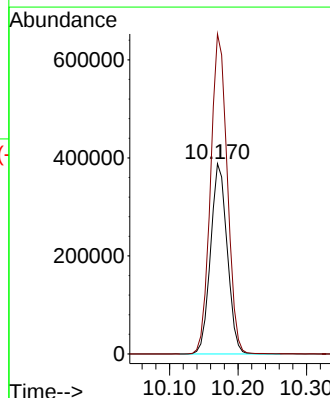
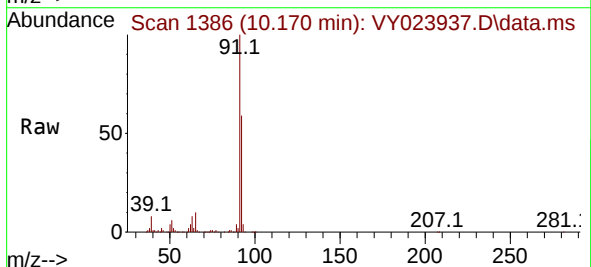
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

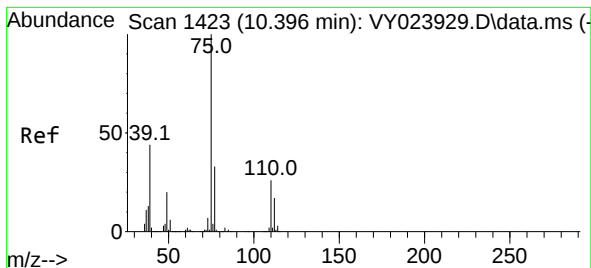
Tgt Ion: 43 Resp: 645425
Ion Ratio Lower Upper
43 100
58 41.5 33.1 49.7



#52
Toluene
Concen: 49.001 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 92 Resp: 652824
Ion Ratio Lower Upper
92 100
91 169.6 135.8 203.6

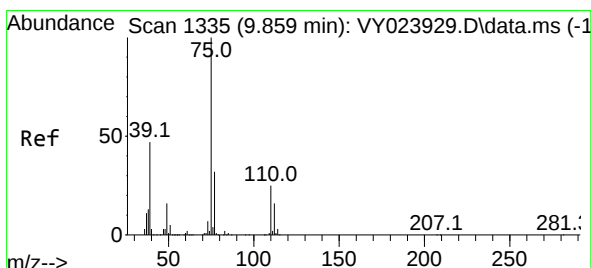
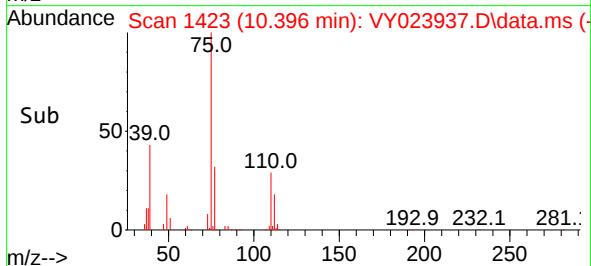
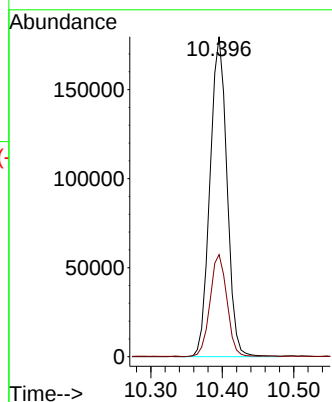
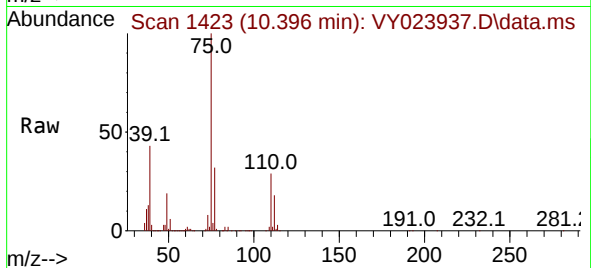




#53
t-1,3-Dichloropropene
Concen: 48.798 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

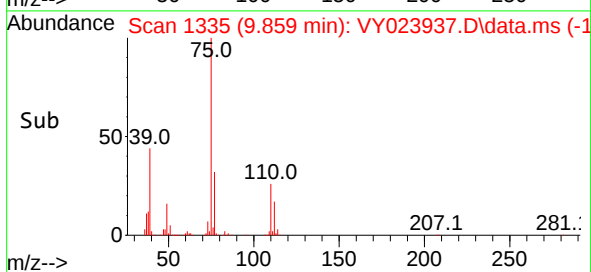
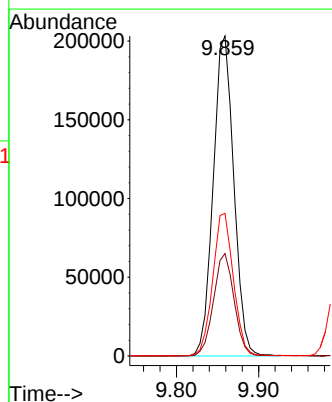
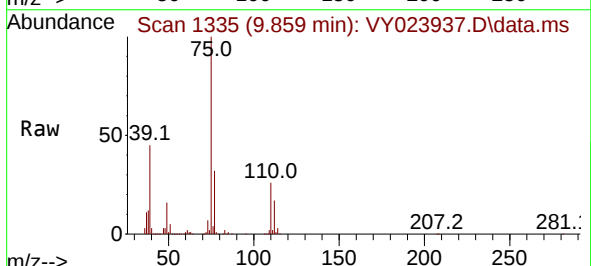
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

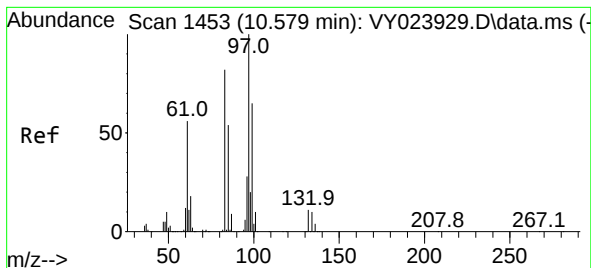
Tgt Ion: 75 Resp: 296807
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 49.373 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 75 Resp: 353876
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 44.5 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 47.970 ug/l

RT: 10.572 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121025

Tgt Ion: 97 Resp: 176648

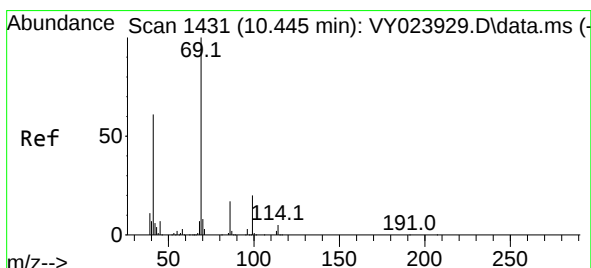
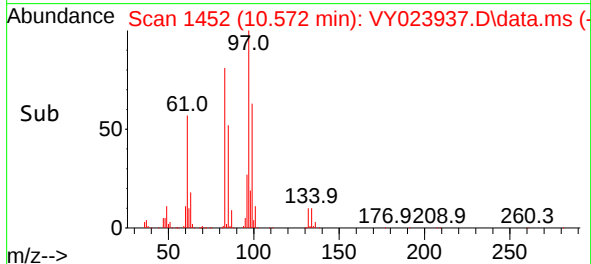
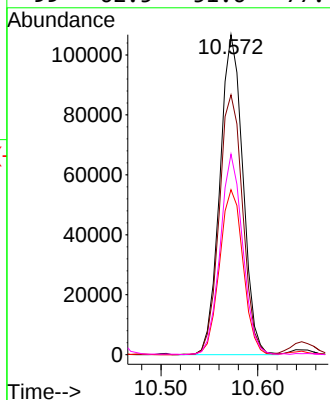
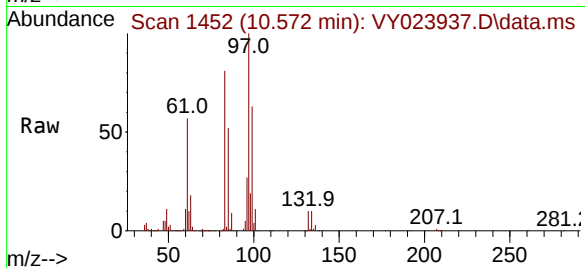
Ion Ratio Lower Upper

97 100

83 81.2 65.8 98.6

85 51.5 43.1 64.7

99 62.5 51.6 77.4



#56

Ethyl methacrylate

Concen: 50.030 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

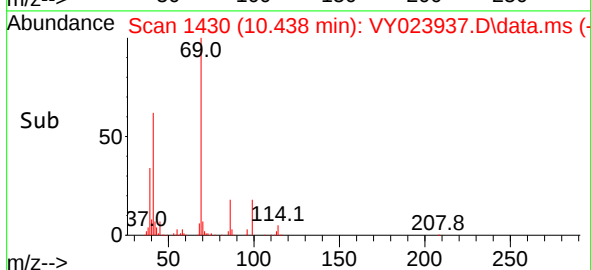
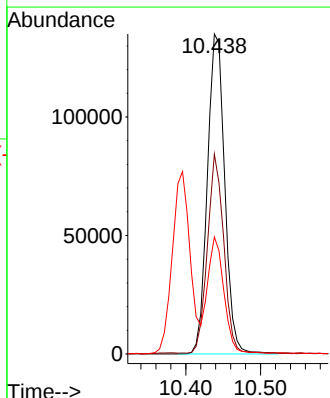
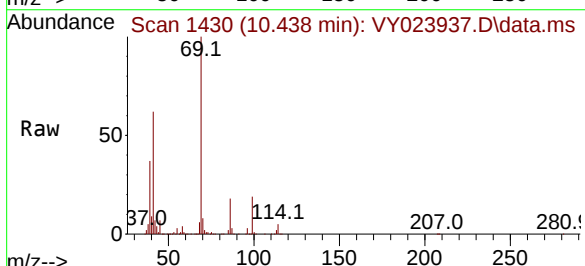
Tgt Ion: 69 Resp: 218411

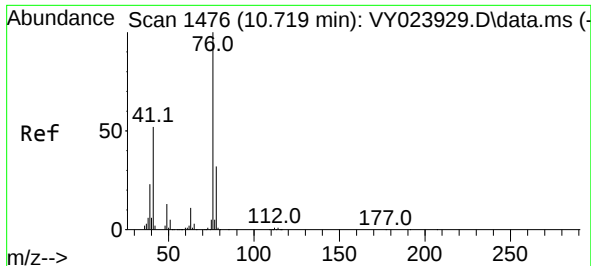
Ion Ratio Lower Upper

69 100

41 59.0 49.0 73.4

39 34.0 29.1 43.7





#57

1,3-Dichloropropane

Concen: 48.006 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

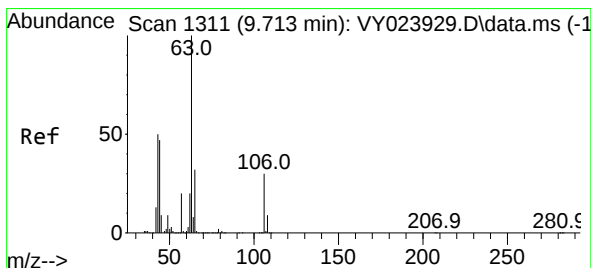
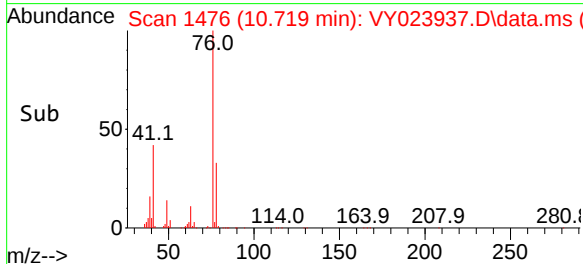
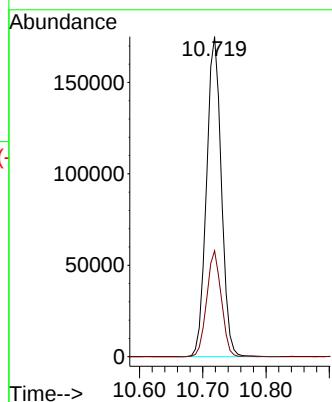
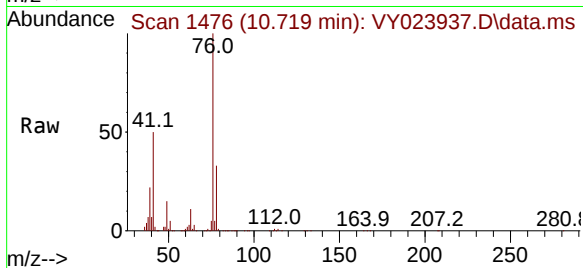
ICVY121025

Tgt Ion: 76 Resp: 285917

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 219.118 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023937.D

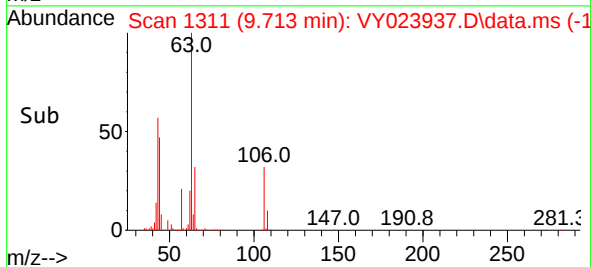
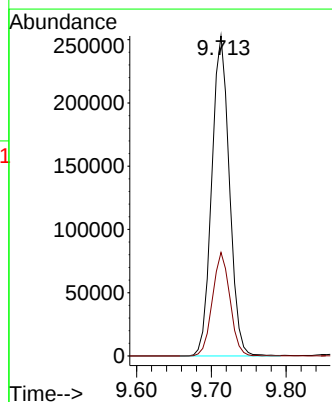
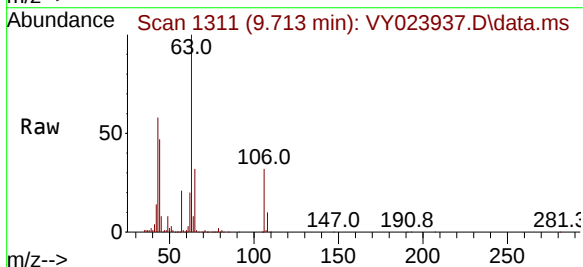
Acq: 10 Dec 2025 13:58

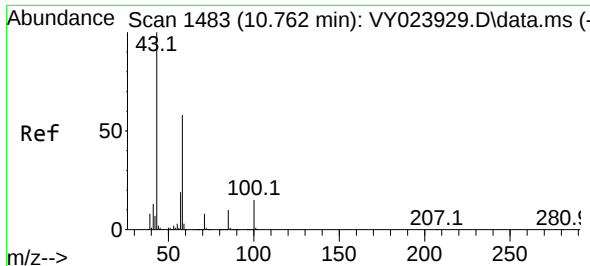
Tgt Ion: 63 Resp: 414351

Ion Ratio Lower Upper

63 100

106 32.1 25.2 37.8

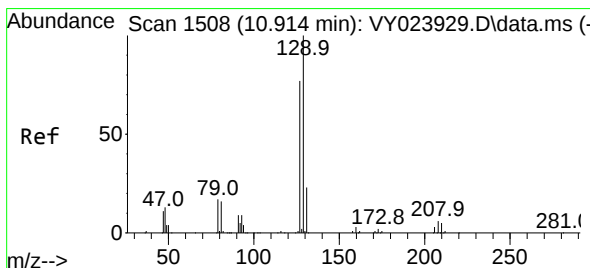
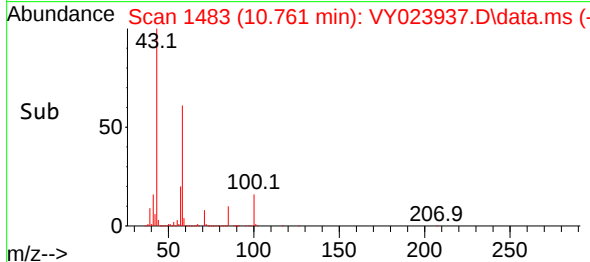
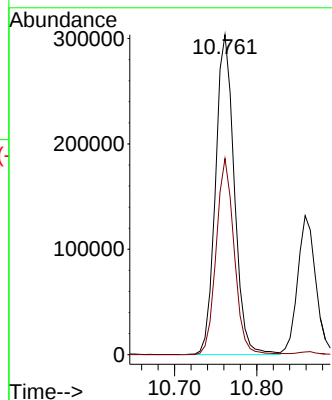
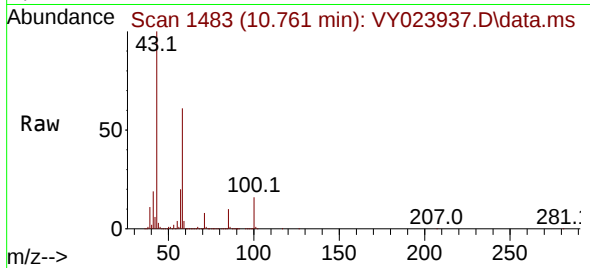




#59
2-Hexanone
Concen: 235.413 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

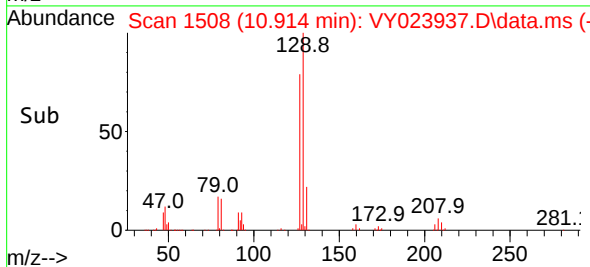
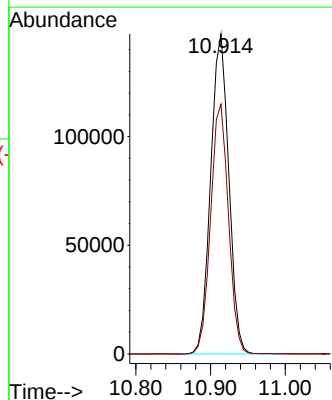
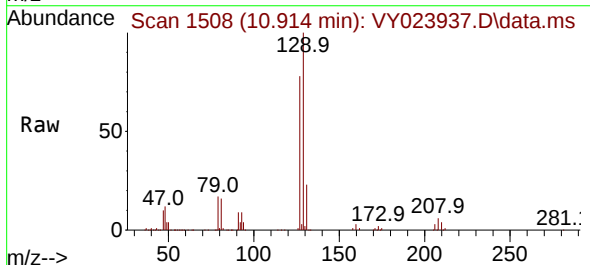
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

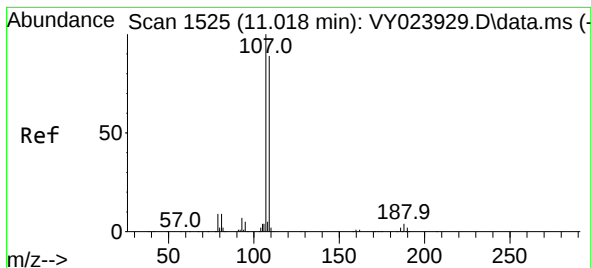
Tgt Ion: 43 Resp: 480003
Ion Ratio Lower Upper
43 100
58 58.9 29.0 87.0



#60
Dibromochloromethane
Concen: 48.558 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 129 Resp: 247570
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5

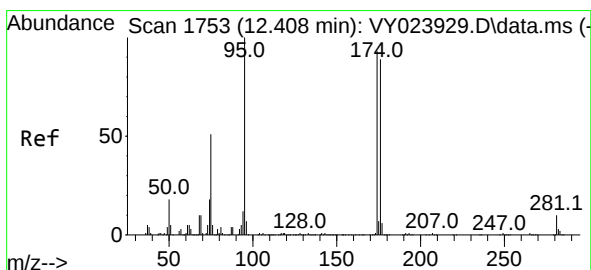
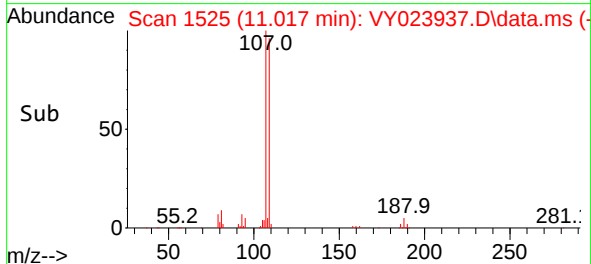
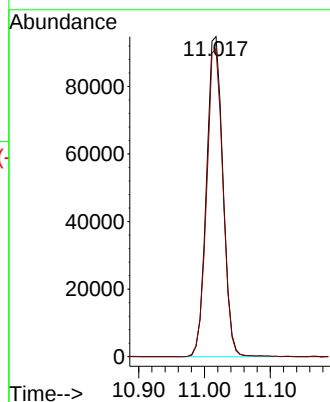
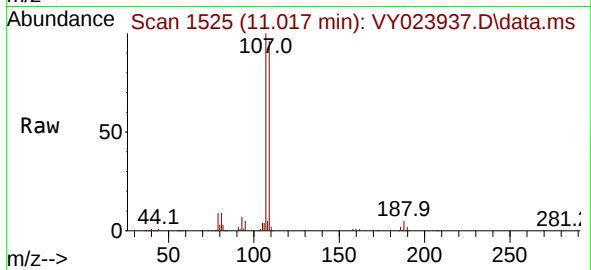




#61
1,2-Dibromoethane
Concen: 48.328 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

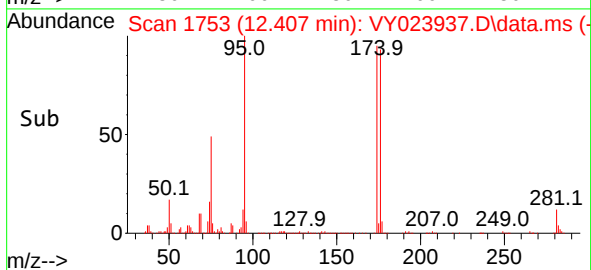
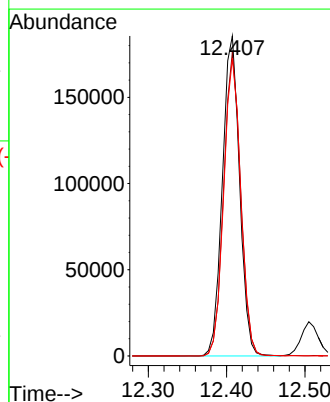
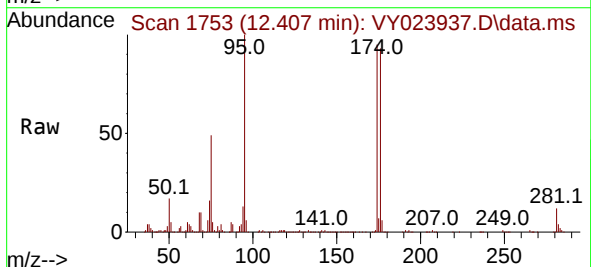
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

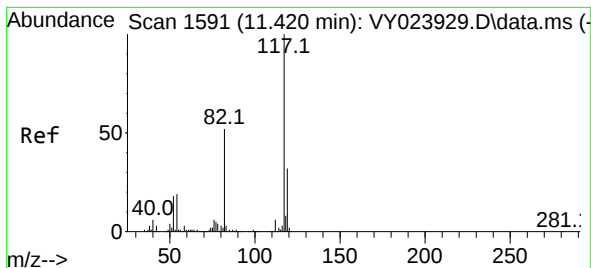
Tgt Ion:107 Resp: 164915
Ion Ratio Lower Upper
107 100
109 95.5 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 46.890 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 95 Resp: 283133
Ion Ratio Lower Upper
95 100
174 93.7 0.0 187.4
176 92.4 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121025

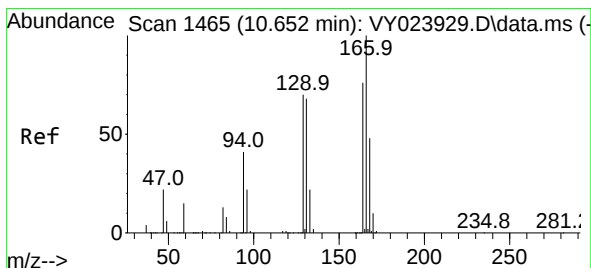
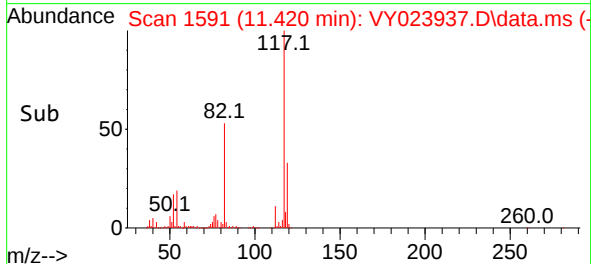
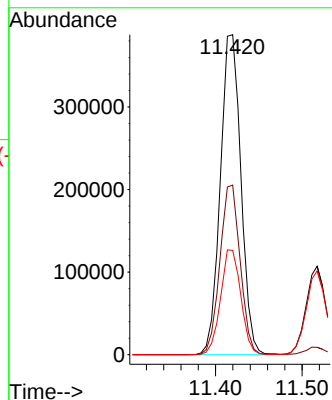
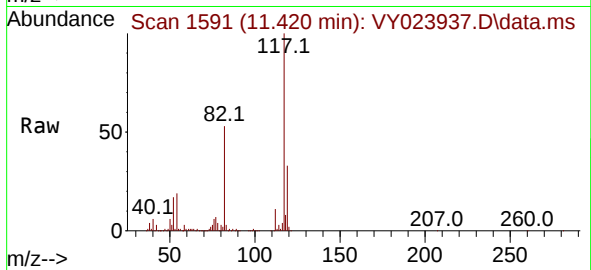
Tgt Ion:117 Resp: 640535

Ion Ratio Lower Upper

117 100

82 53.0 41.4 62.2

119 32.6 25.5 38.3



#64

Tetrachloroethene

Concen: 48.506 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Tgt Ion:164 Resp: 333781

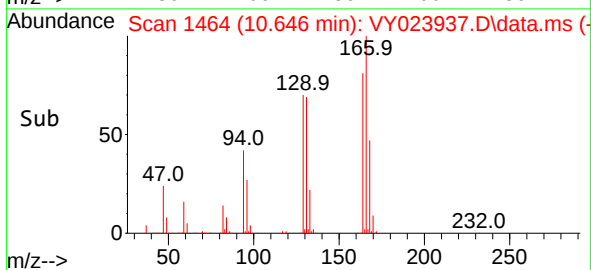
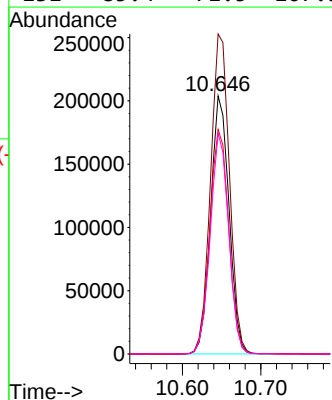
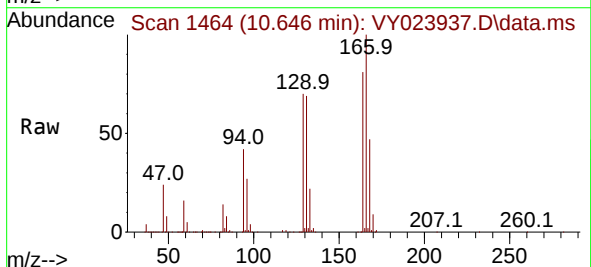
Ion Ratio Lower Upper

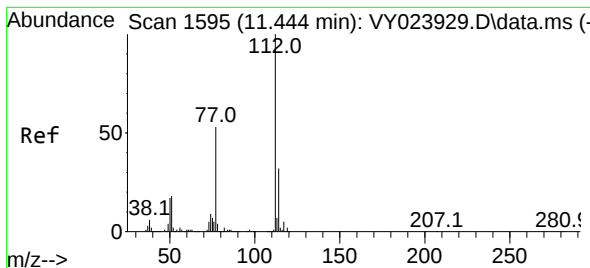
164 100

166 124.0 105.0 157.4

129 86.9 73.0 109.4

131 85.4 71.5 107.3

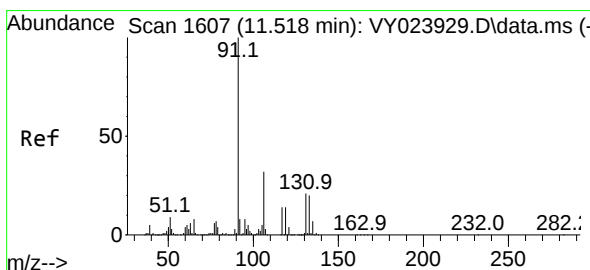
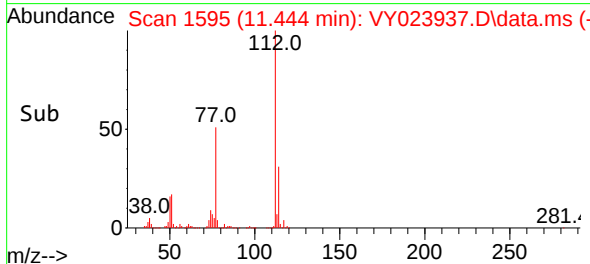
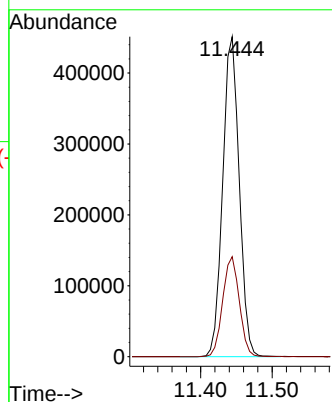
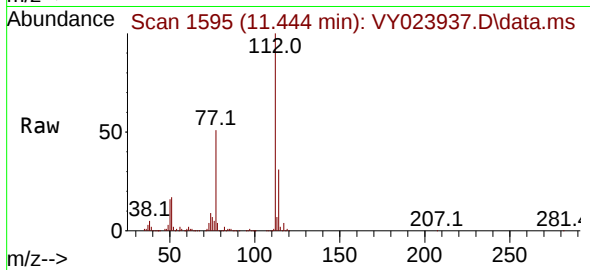




#65
Chlorobenzene
Concen: 48.750 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

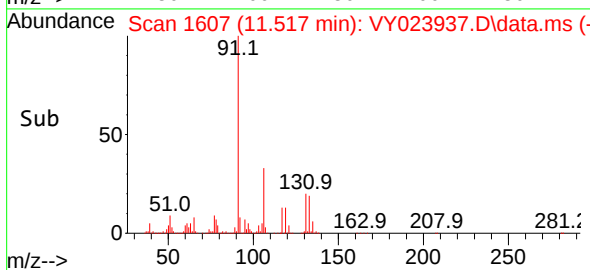
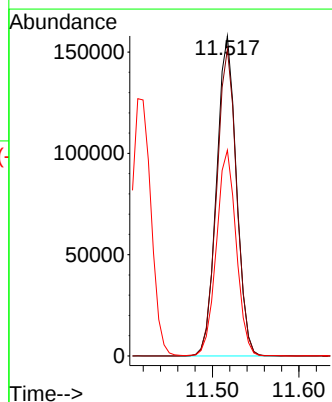
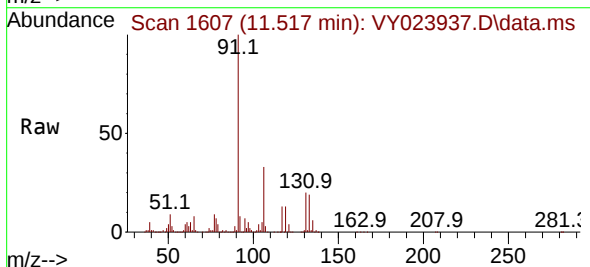
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

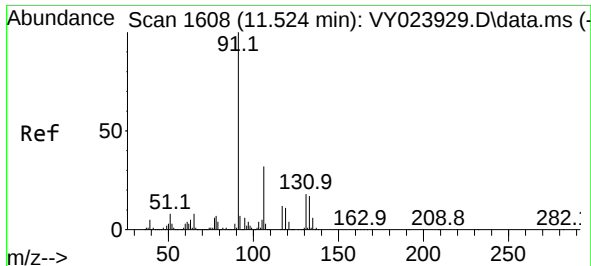
Tgt Ion:112 Resp: 723559
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.138 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion:131 Resp: 250578
Ion Ratio Lower Upper
131 100
133 96.7 48.4 145.3
119 64.2 33.1 99.2





#67

Ethyl Benzene

Concen: 49.207 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

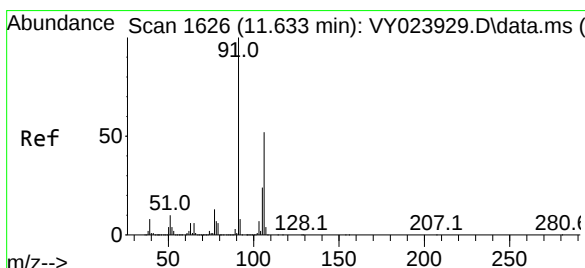
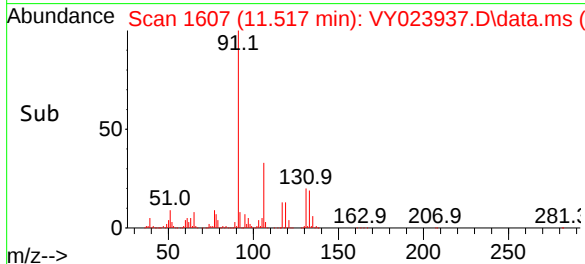
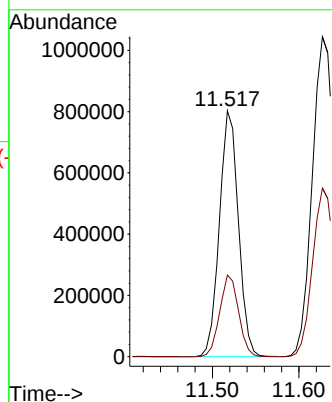
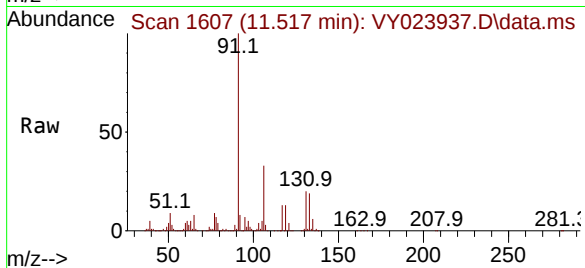
ICVY121025

Tgt Ion: 91 Resp: 1223689

Ion Ratio Lower Upper

91 100

106 33.2 25.8 38.8



#68

m/p-Xylenes

Concen: 99.750 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY023937.D

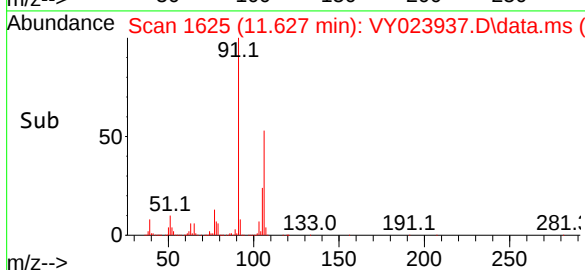
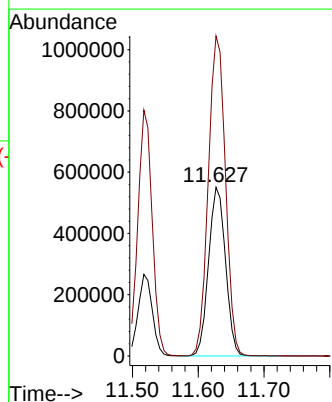
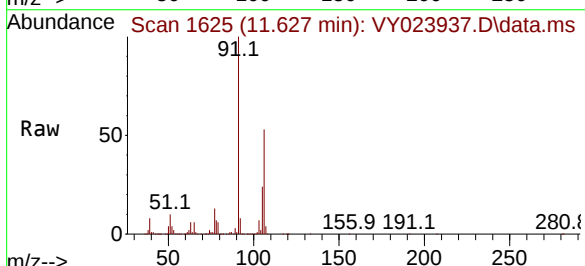
Acq: 10 Dec 2025 13:58

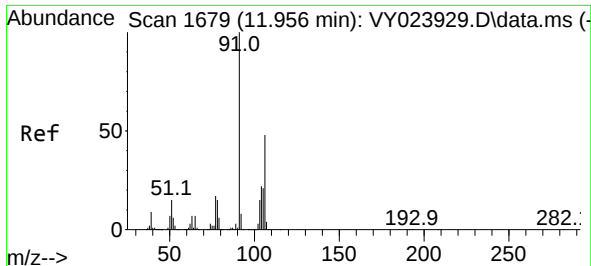
Tgt Ion:106 Resp: 984740

Ion Ratio Lower Upper

106 100

91 192.6 155.0 232.6

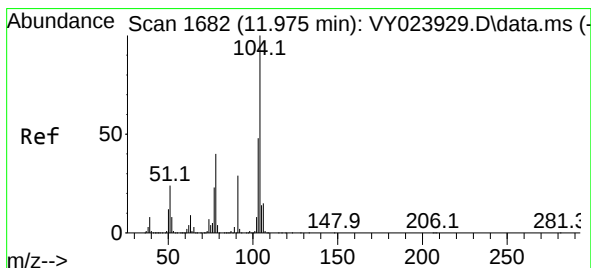
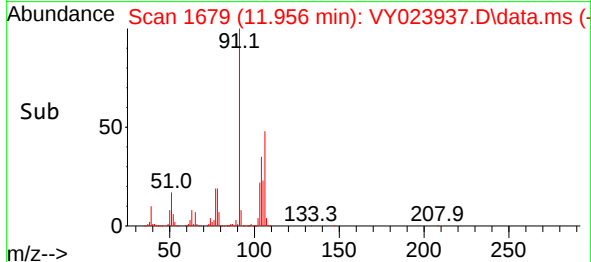
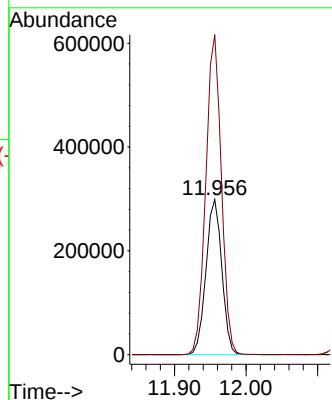
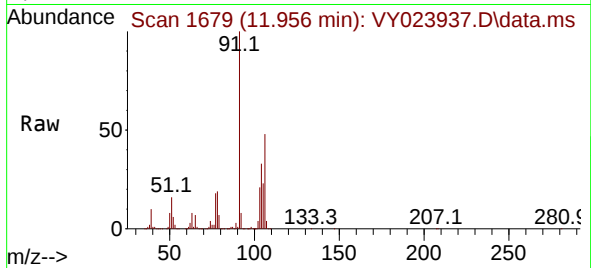




#69
o-Xylene
Concen: 49.861 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

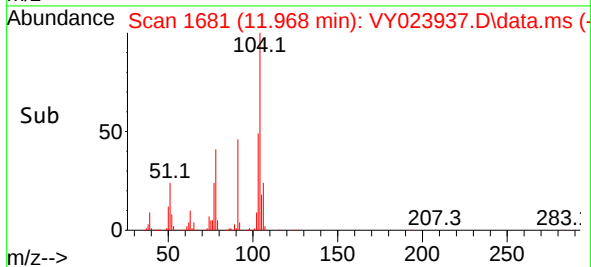
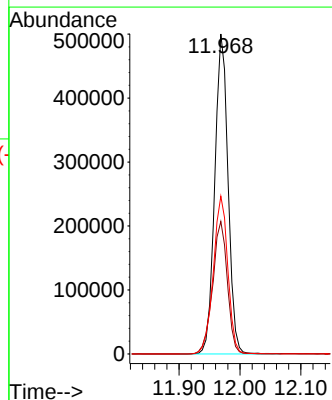
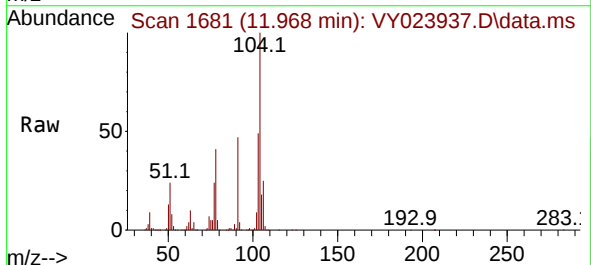
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

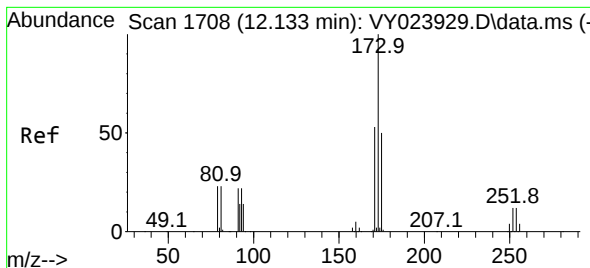
Tgt Ion:106 Resp: 460463
Ion Ratio Lower Upper
106 100
91 202.4 102.1 306.1



#70
Styrene
Concen: 50.734 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion:104 Resp: 756895
Ion Ratio Lower Upper
104 100
78 45.9 37.4 56.0
103 53.8 43.0 64.4





#71

Bromoform

Concen: 47.718 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121025

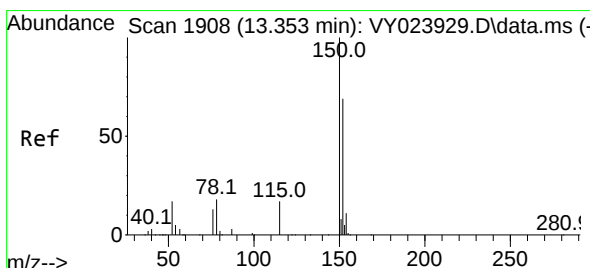
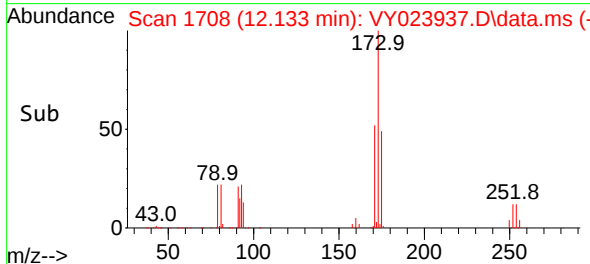
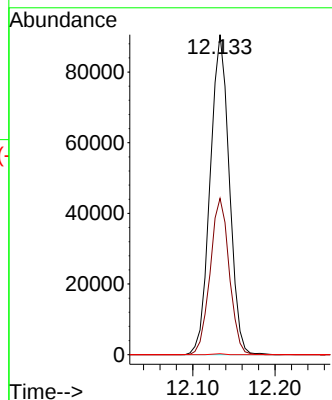
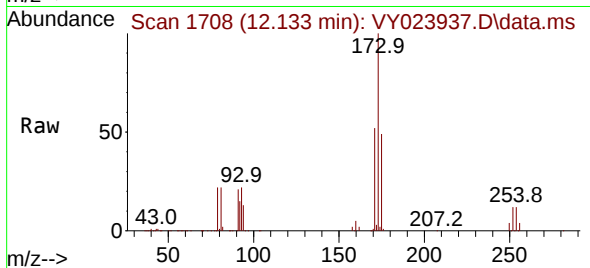
Tgt Ion:173 Resp: 146383

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.6

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

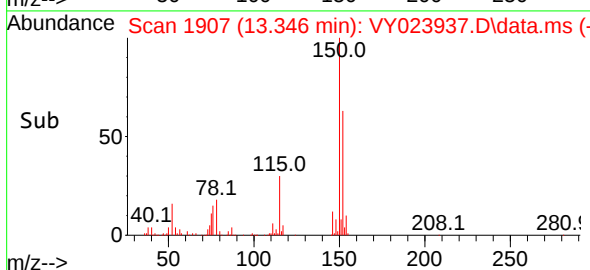
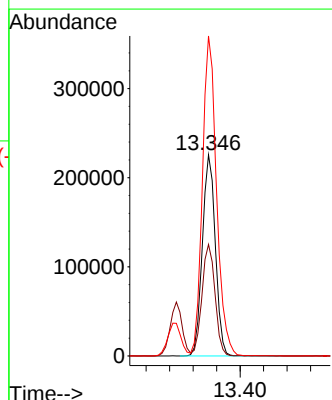
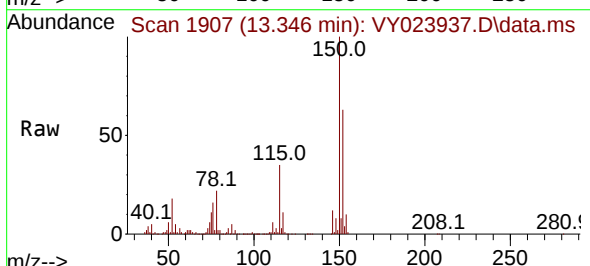
Tgt Ion:152 Resp: 346130

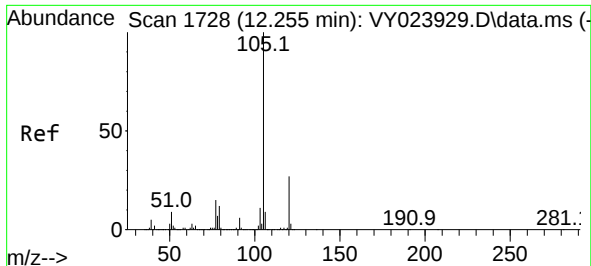
Ion Ratio Lower Upper

152 100

115 55.2 27.3 81.9

150 173.0 0.0 347.6

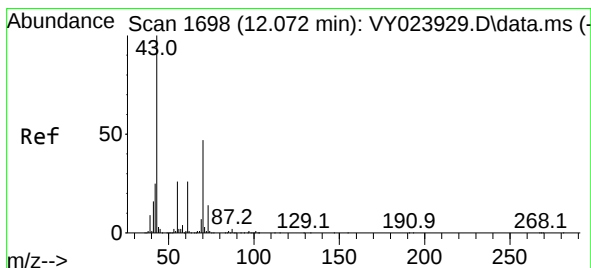
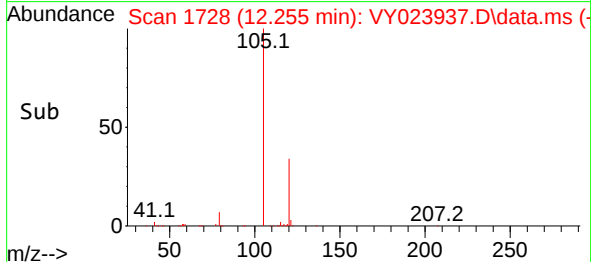
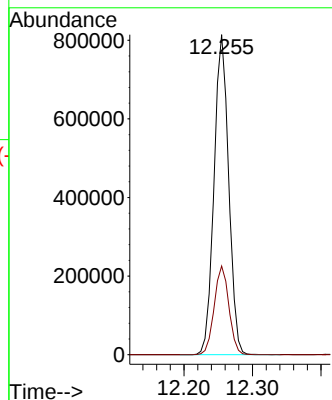
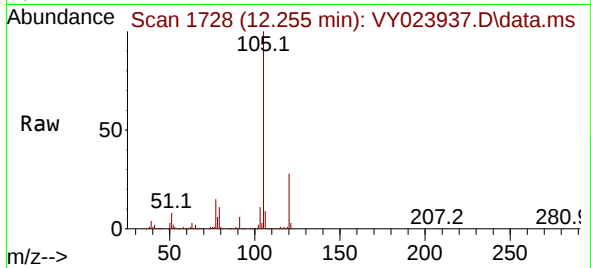




#73
Isopropylbenzene
Concen: 47.768 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

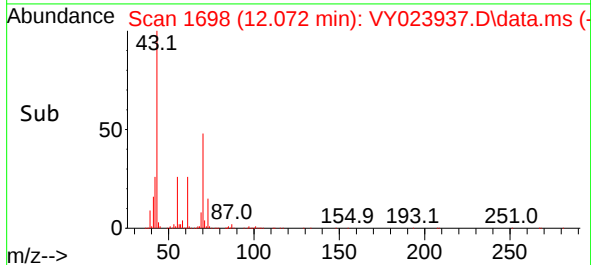
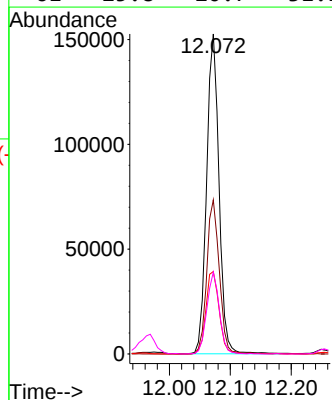
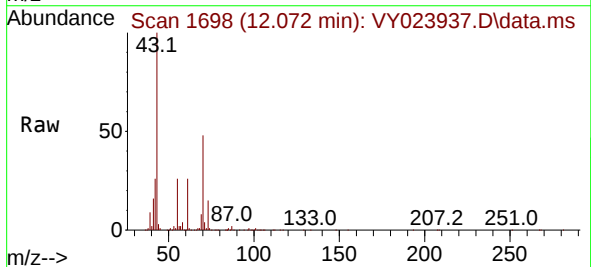
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

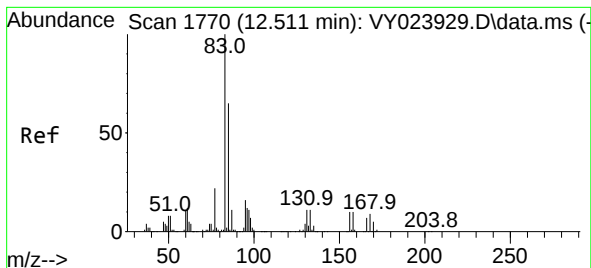
Tgt Ion:105 Resp: 1208317
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.0



#74
N-ethyl acetate
Concen: 48.161 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 43 Resp: 216092
Ion Ratio Lower Upper
43 100
70 48.5 37.4 56.0
55 27.7 21.6 32.4
61 25.8 20.7 31.1





#75

1,1,2-Tetrachloroethane

Concen: 46.012 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121025

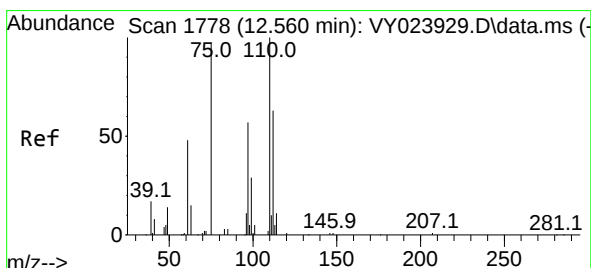
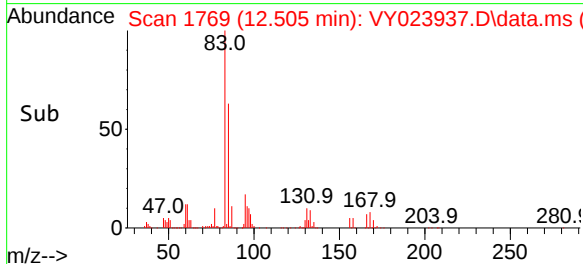
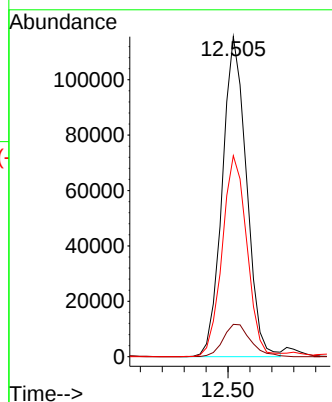
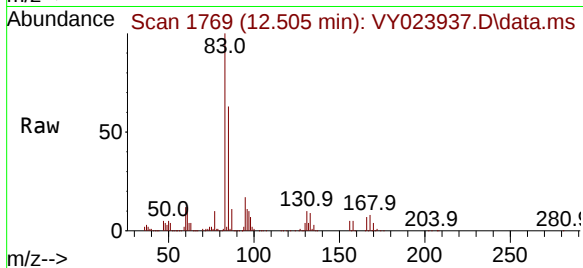
Tgt Ion: 83 Resp: 177224

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 81.580 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY023937.D

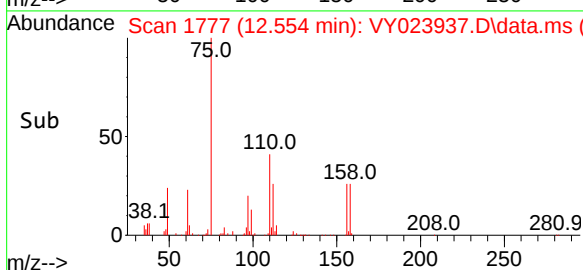
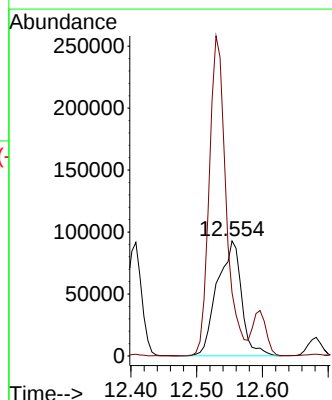
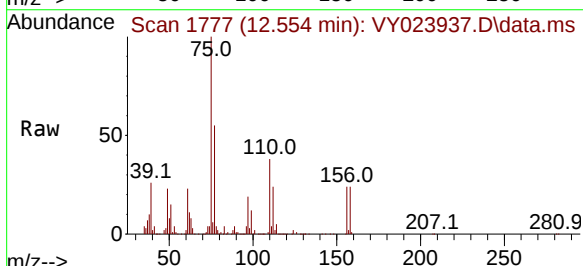
Acq: 10 Dec 2025 13:58

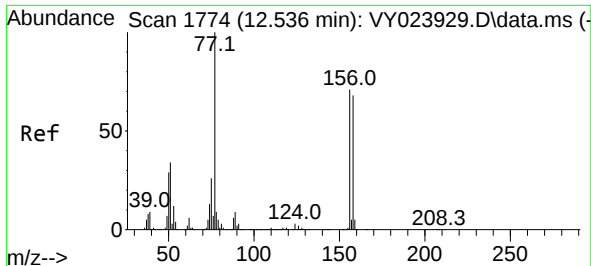
Tgt Ion: 75 Resp: 238858

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

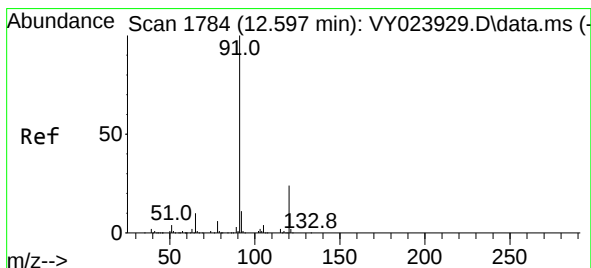
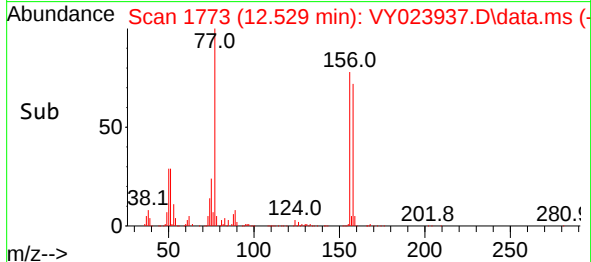
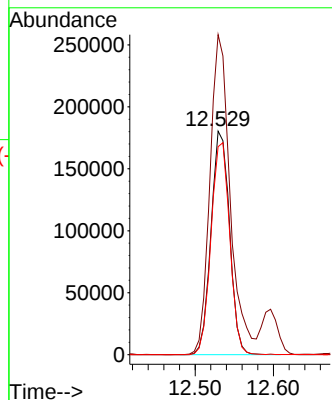
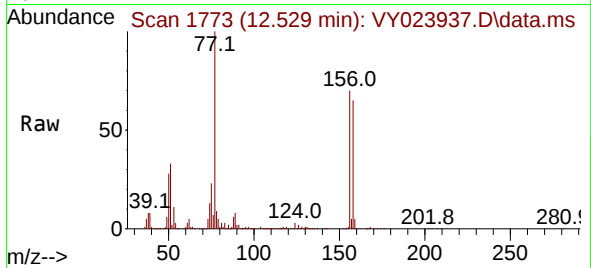




#77
Bromobenzene
Concen: 47.231 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

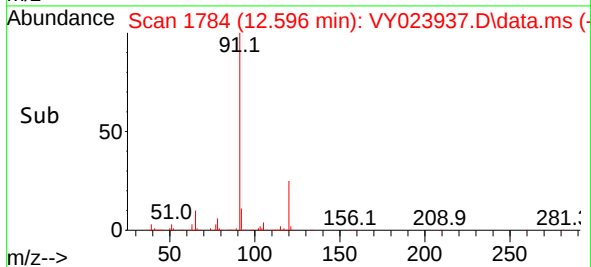
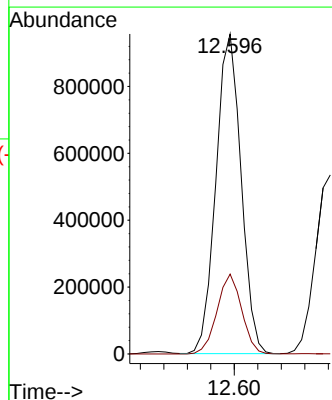
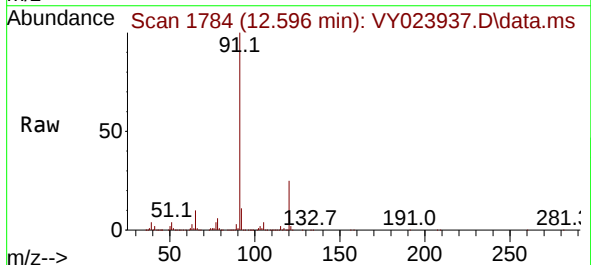
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121025

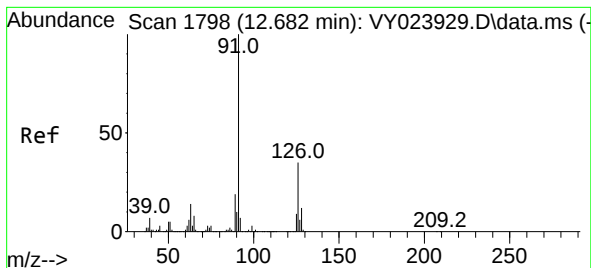
Tgt Ion:156 Resp: 296448
Ion Ratio Lower Upper
156 100
77 156.6 79.8 239.4
158 95.8 48.0 144.2



#78
n-propylbenzene
Concen: 48.205 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 91 Resp: 1418733
Ion Ratio Lower Upper
91 100
120 24.5 12.0 36.0

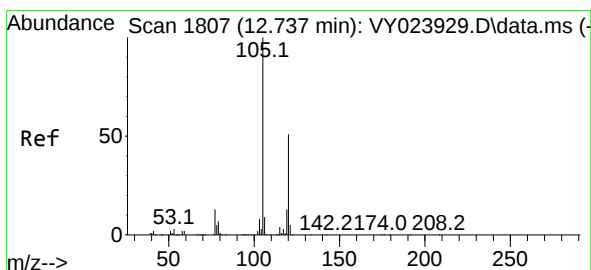
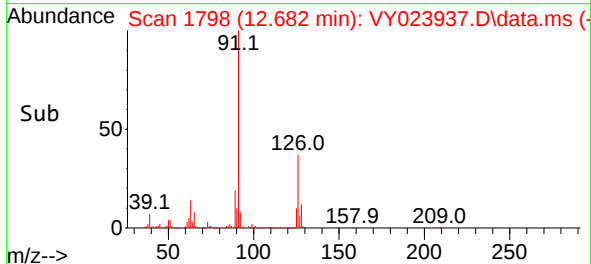
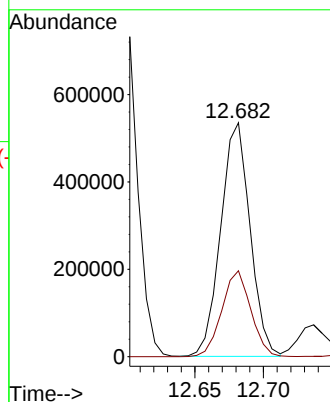
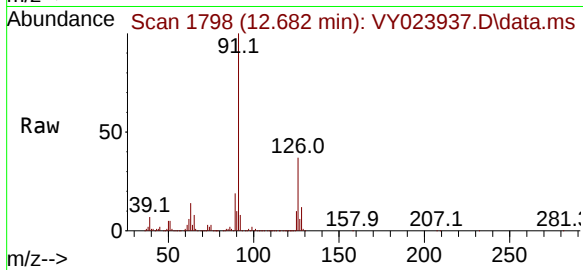




#79
2-Chlorotoluene
Concen: 47.756 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

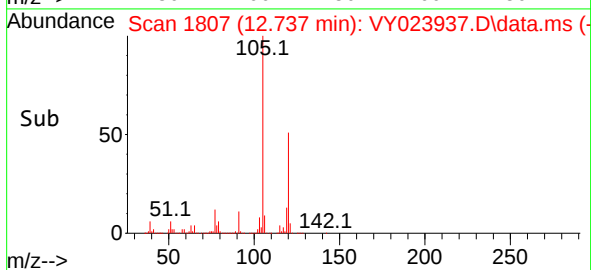
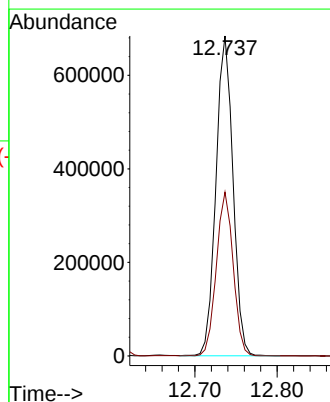
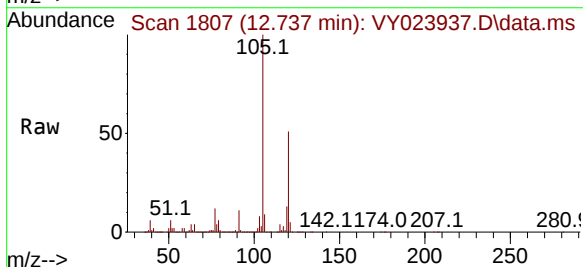
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

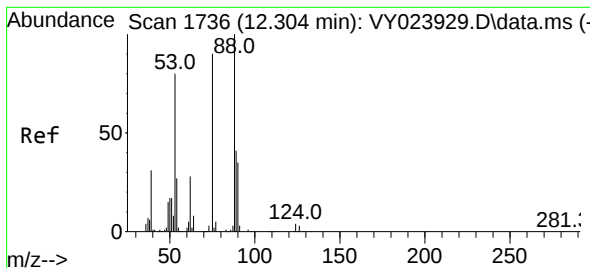
Tgt Ion: 91 Resp: 798392
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 48.723 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 105 Resp: 983266
Ion Ratio Lower Upper
105 100
120 50.7 25.7 77.1

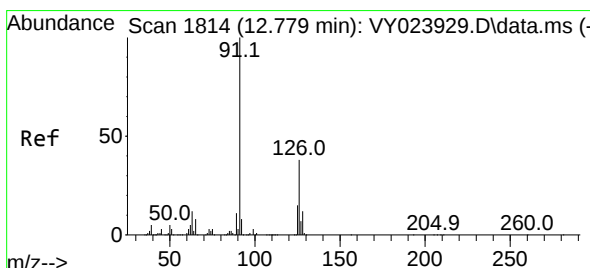
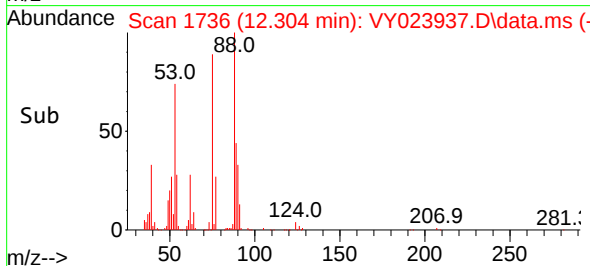
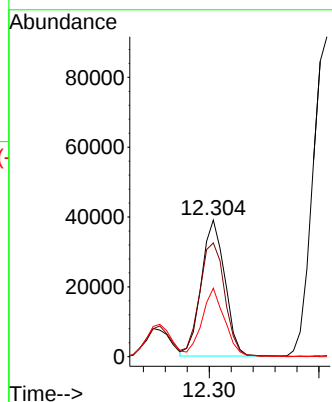
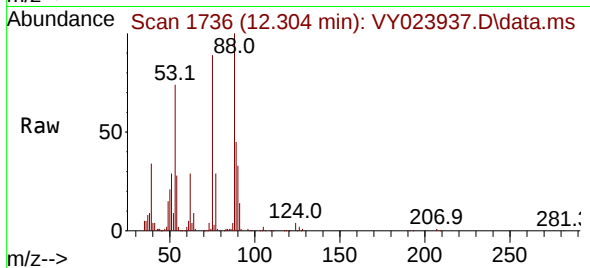




#81
trans-1,4-Dichloro-2-butene
Concen: 45.234 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

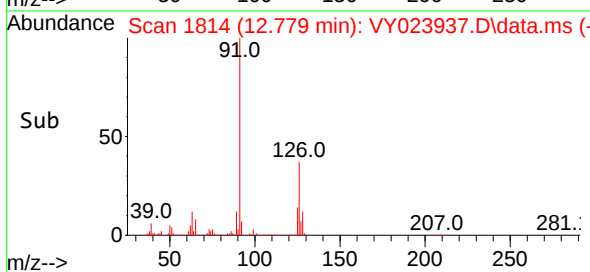
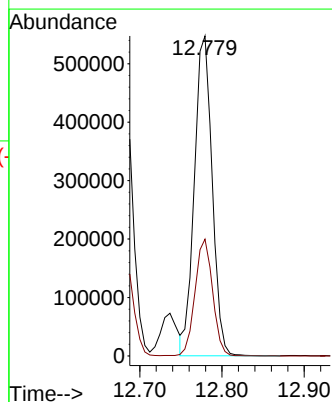
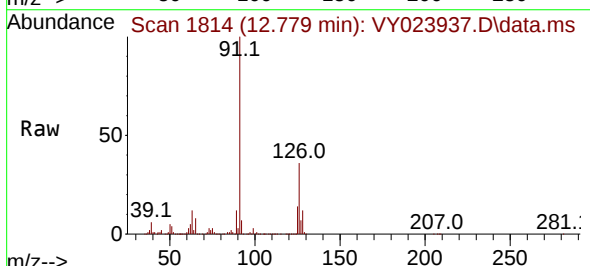
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

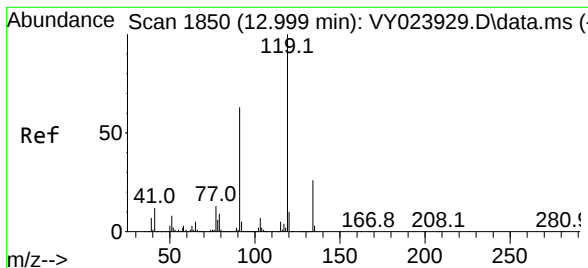
Tgt Ion: 75 Resp: 58184
Ion Ratio Lower Upper
75 100
53 89.7 73.4 110.0
89 48.4 38.9 58.3



#82
4-Chlorotoluene
Concen: 47.859 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 91 Resp: 823665
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.1

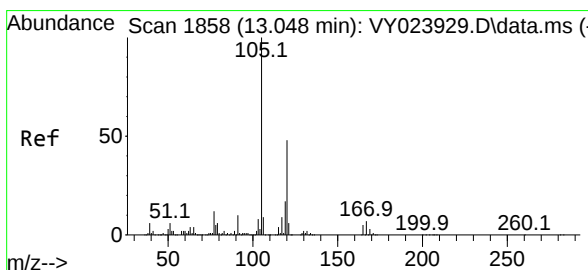
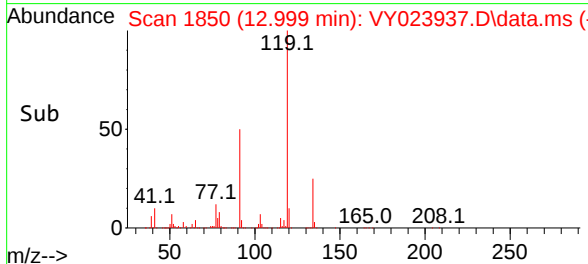
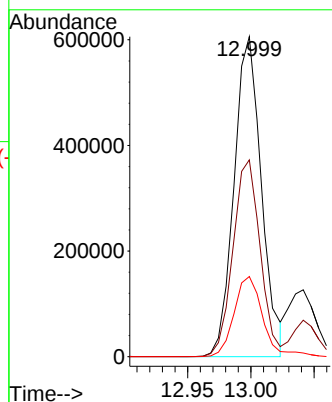
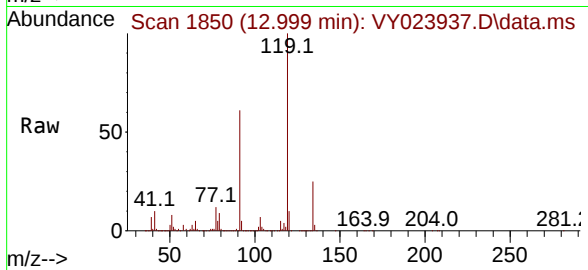




#83
tert-Butylbenzene
Concen: 49.002 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

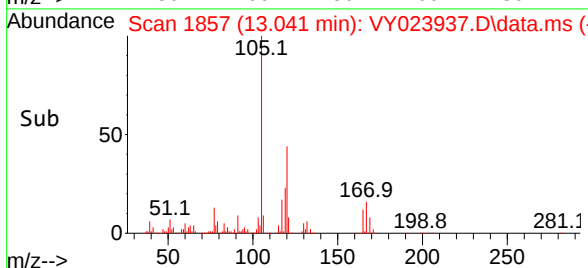
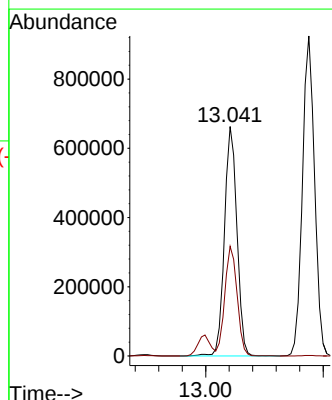
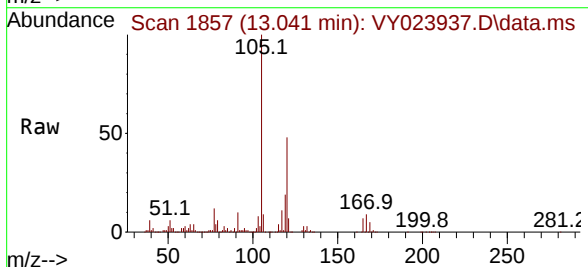
Instrument : MSVOA_Y
ClientSampleId : ICVVY121025

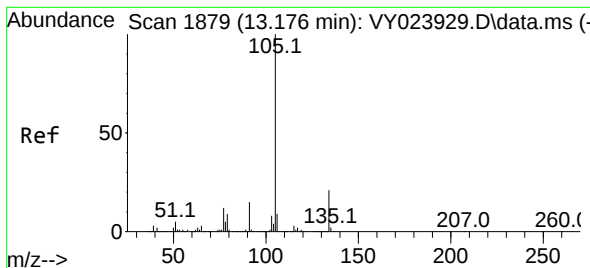
Tgt Ion:119 Resp: 913689
Ion Ratio Lower Upper
119 100
91 60.9 31.6 94.7
134 26.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 48.892 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion:105 Resp: 977430
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.3





#85

sec-Butylbenzene

Concen: 48.627 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

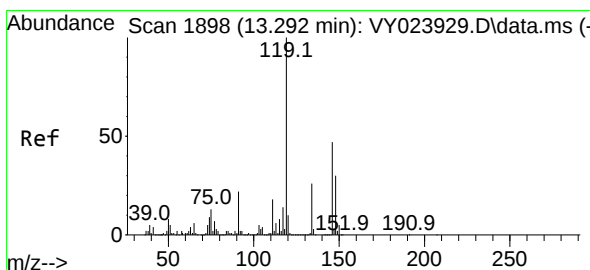
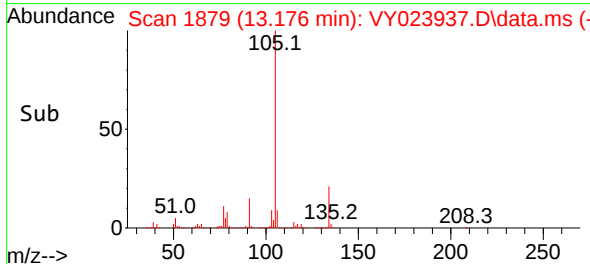
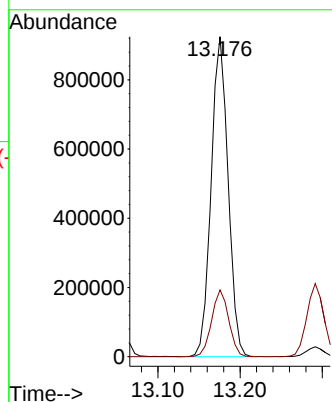
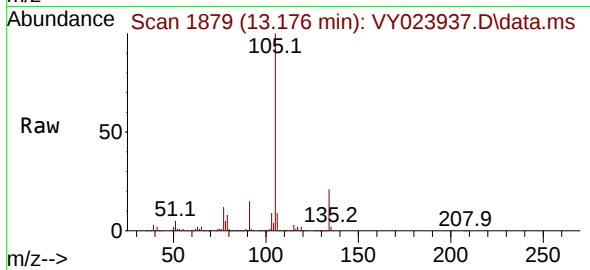
ICVY121025

Tgt Ion:105 Resp: 1322618

Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8



#86

p-Isopropyltoluene

Concen: 48.952 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

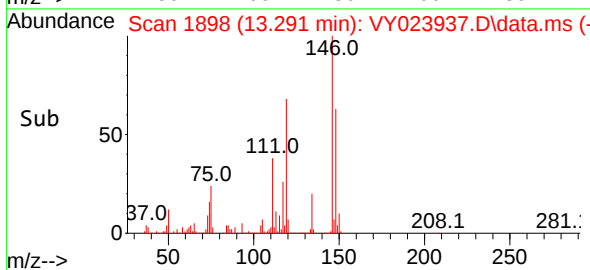
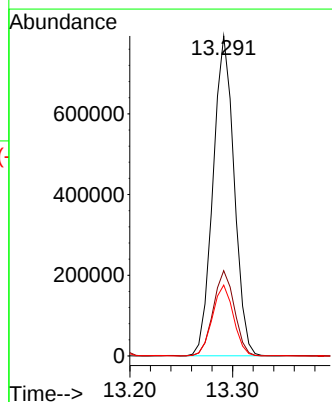
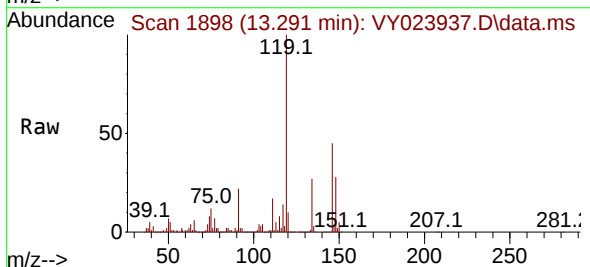
Tgt Ion:119 Resp: 1127034

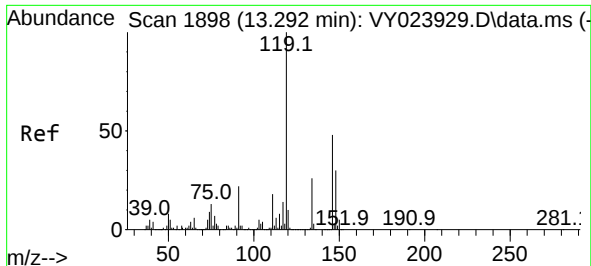
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.1 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 47.100 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121025

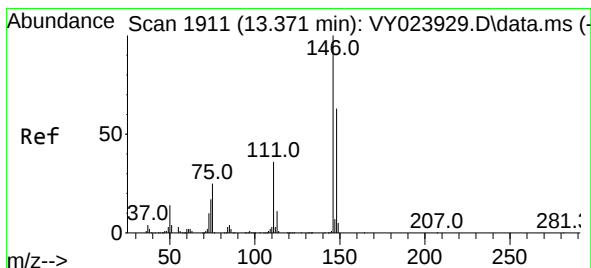
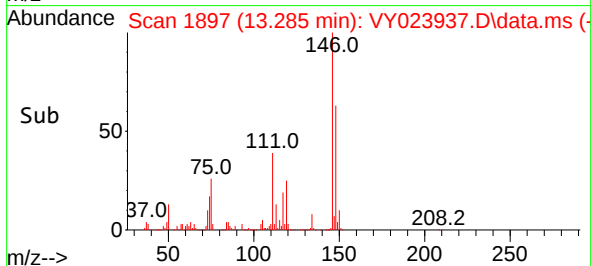
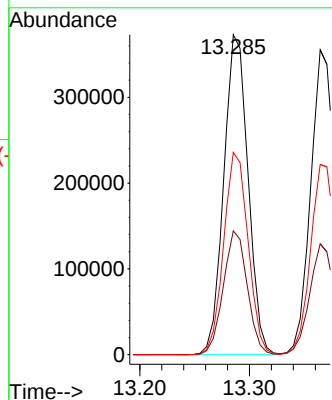
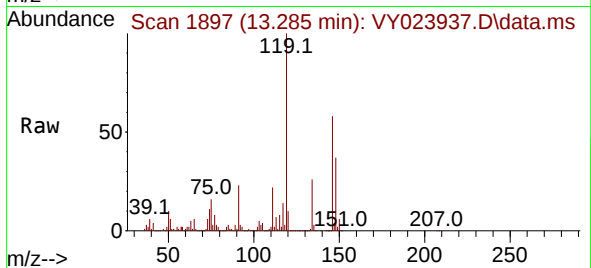
Tgt Ion:146 Resp: 574087

Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.9

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.310 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

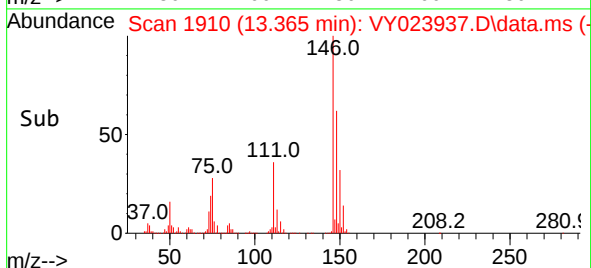
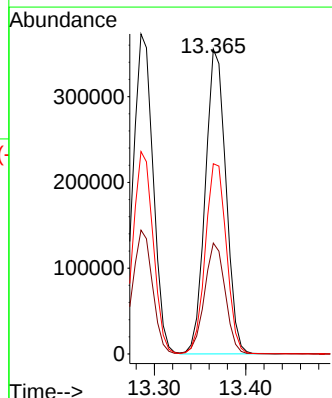
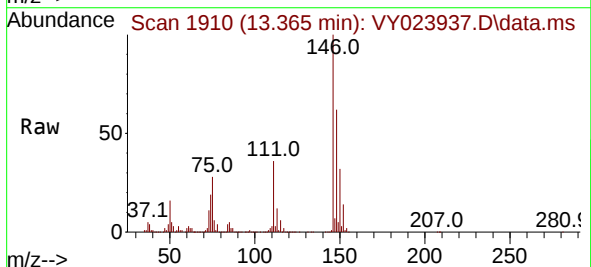
Tgt Ion:146 Resp: 556411

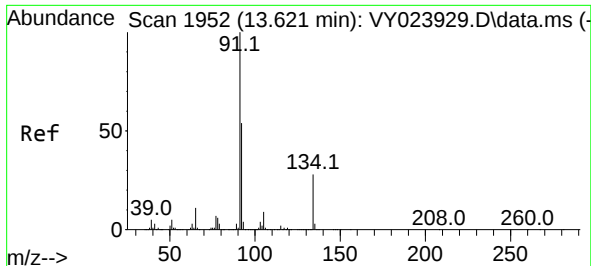
Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.0

148 64.1 31.9 95.9

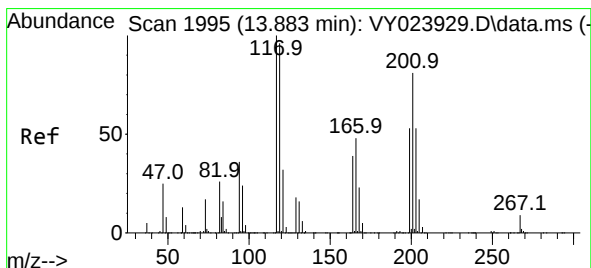
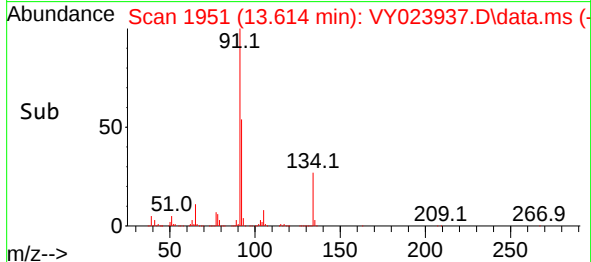
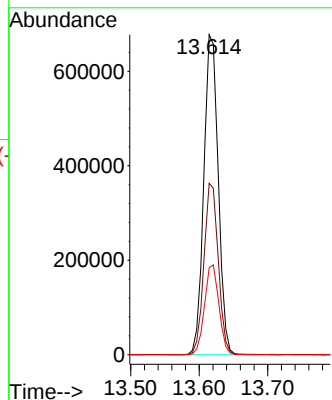
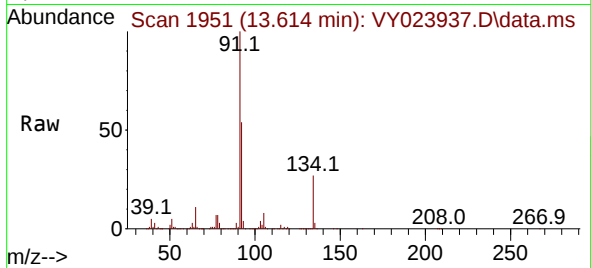




#89
n-Butylbenzene
Concen: 49.411 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

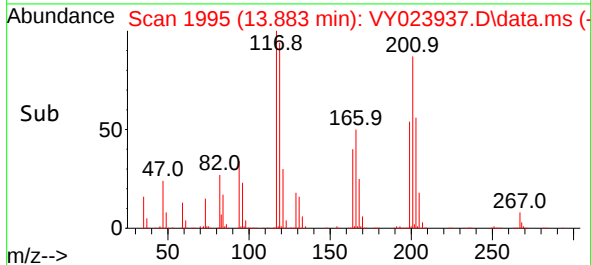
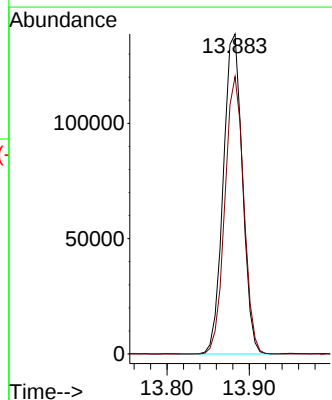
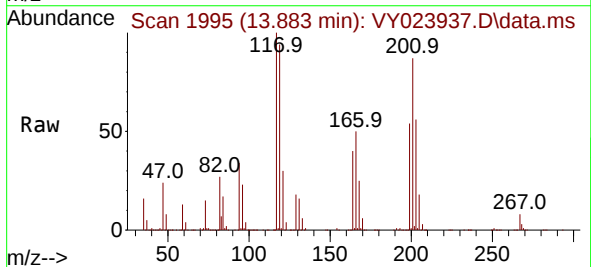
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121025

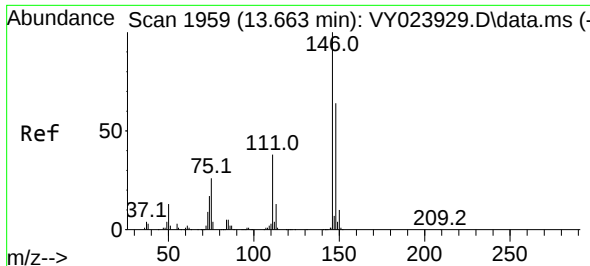
Tgt Ion: 91 Resp: 995266
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 28.0 13.9 41.6



#90
Hexachloroethane
Concen: 47.629 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY023937.D
Acq: 10 Dec 2025 13:58

Tgt Ion: 117 Resp: 223764
Ion Ratio Lower Upper
117 100
201 85.6 42.4 127.3

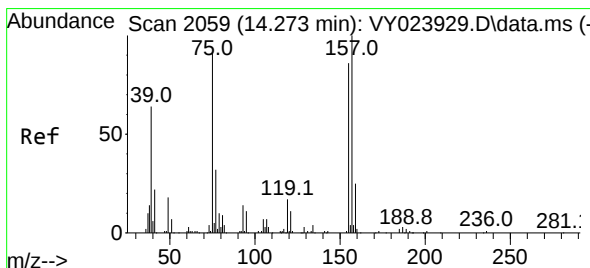
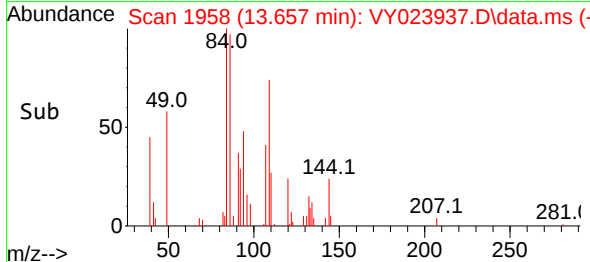
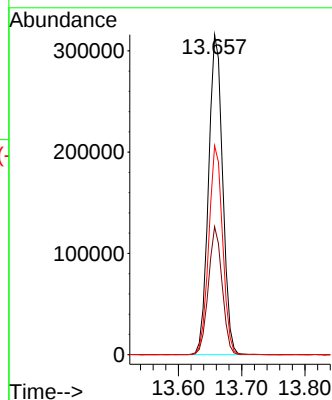
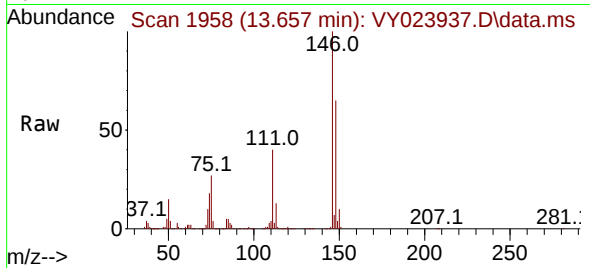




#91
 1,2-Dichlorobenzene
 Concen: 46.327 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY023937.D
 Acq: 10 Dec 2025 13:58

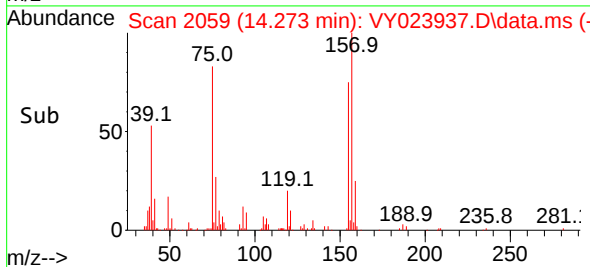
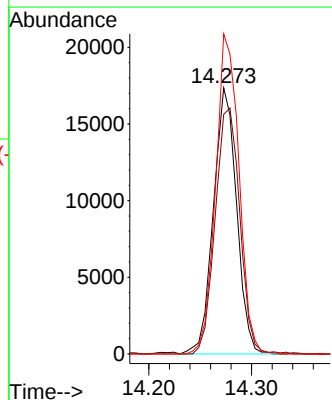
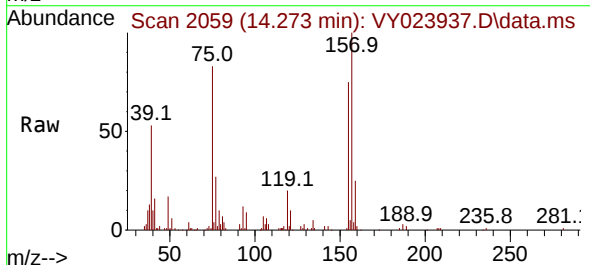
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121025

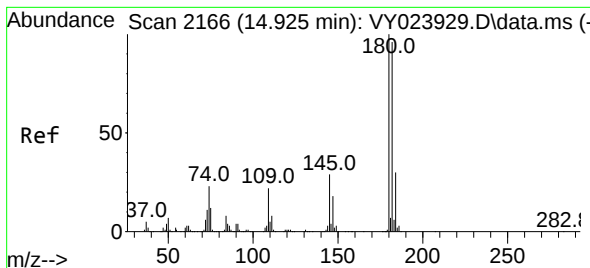
Tgt Ion:146 Resp: 489242
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.7
 148 64.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.486 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023937.D
 Acq: 10 Dec 2025 13:58

Tgt Ion: 75 Resp: 27126
 Ion Ratio Lower Upper
 75 100
 155 98.3 50.2 150.7
 157 121.1 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 49.201 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121025

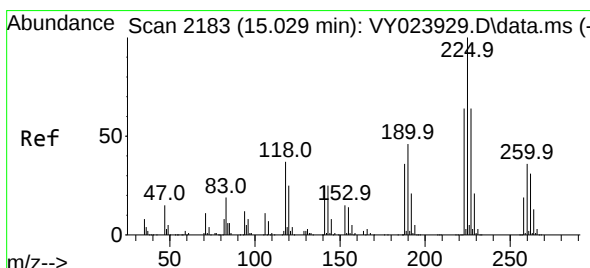
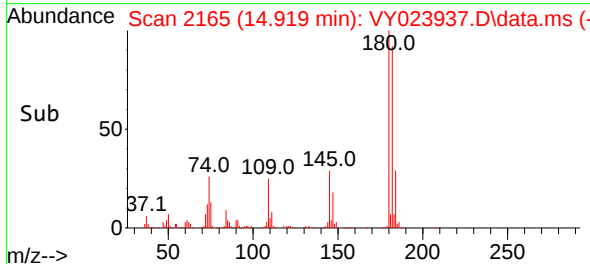
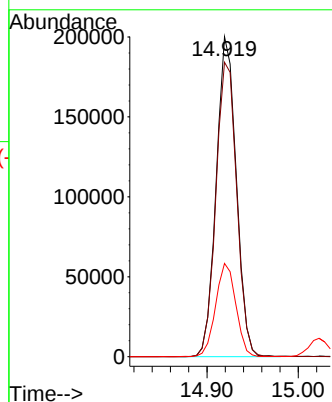
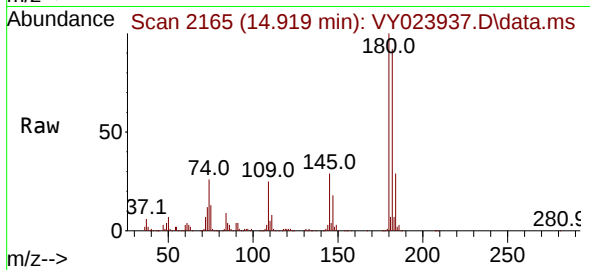
Tgt Ion:180 Resp: 305380

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 29.4 14.8 44.4



#94

Hexachlorobutadiene

Concen: 49.578 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

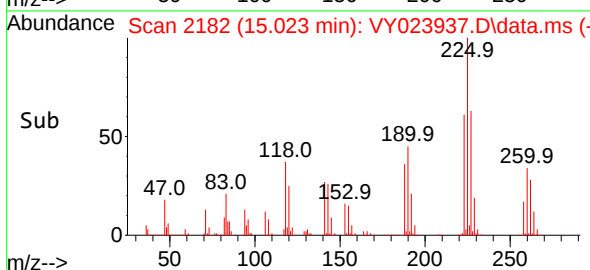
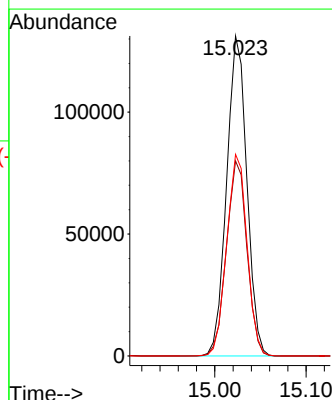
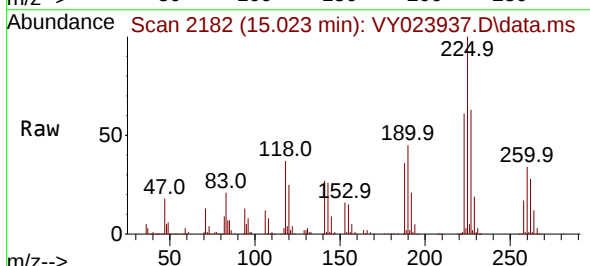
Tgt Ion:225 Resp: 201707

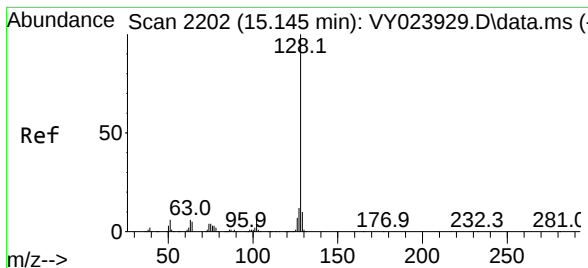
Ion Ratio Lower Upper

225 100

223 61.9 31.6 95.0

227 63.6 31.7 95.1





#95

Naphthalene

Concen: 49.463 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121025

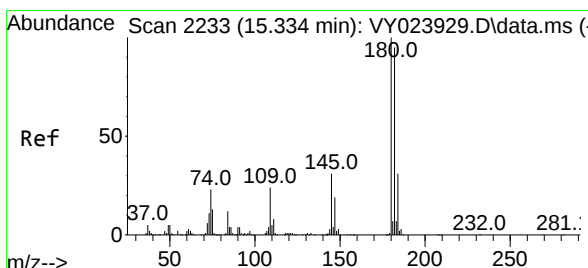
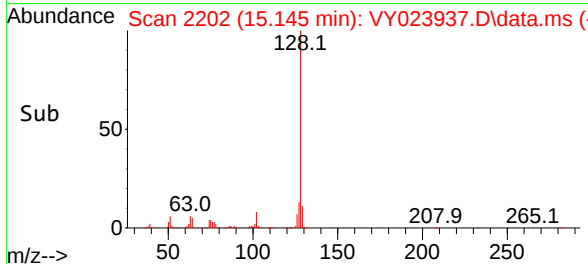
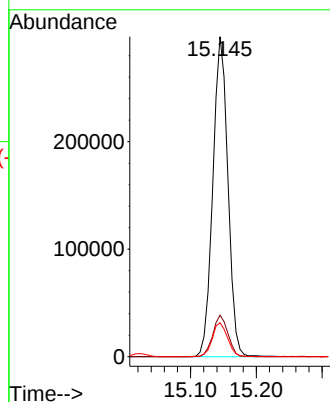
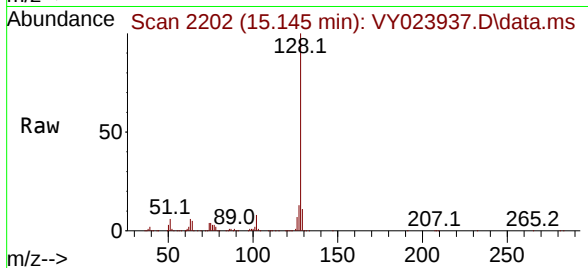
Tgt Ion:128 Resp: 474710

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.057 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY023937.D

Acq: 10 Dec 2025 13:58

Tgt Ion:180 Resp: 259105

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.4

145 30.8 15.6 46.8

