

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023615.D
 Acq On : 29 Oct 2025 11:15
 Operator : SY/MD
 Sample : Q3419-02MS
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 03:15:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	255023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	349654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	80772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99603	46.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.420%
35) Dibromofluoromethane	7.634	113	99026	46.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.180%
50) Toluene-d8	10.109	98	309005	38.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.240%
62) 4-Bromofluorobenzene	12.407	95	74498	28.202	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73799	40.204	ug/l	100
3) Chloromethane	2.074	50	88300	35.311	ug/l	99
4) Vinyl Chloride	2.208	62	124297	38.163	ug/l	98
5) Bromomethane	2.598	94	90122	32.972	ug/l	99
6) Chloroethane	2.738	64	85972	38.724	ug/l	98
7) Trichlorofluoromethane	3.062	101	190087	42.033	ug/l	97
8) Diethyl Ether	3.458	74	52443	44.379	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	99120	42.238	ug/l	99
10) Methyl Iodide	4.007	142	74563	28.541	ug/l	100
11) Tert butyl alcohol	4.860	59	50005	315.193	ug/l	99
12) 1,1-Dichloroethene	3.793	96	91637	40.282	ug/l	96
13) Acrolein	3.665	56	1945	8.676	ug/l	95
14) Allyl chloride	4.385	41	99640	35.940	ug/l	96
15) Acrylonitrile	5.061	53	155873	344.676	ug/l	99
16) Acetone	3.866	43	219042	431.448	ug/l	99
17) Carbon Disulfide	4.110	76	261566	40.173	ug/l	99
18) Methyl Acetate	4.385	43	119567	89.780	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	267628	48.949	ug/l	98
20) Methylene Chloride	4.616	84	118626	43.211	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	92604	36.974	ug/l	96
22) Diisopropyl ether	6.024	45	270802	44.158	ug/l	99
23) Vinyl Acetate	5.964	43	593476	178.791	ug/l	99
24) 1,1-Dichloroethane	5.921	63	164254	40.434	ug/l	98
25) 2-Butanone	6.896	43	217964	351.663	ug/l	97
26) 2,2-Dichloropropane	6.890	77	157485	42.250	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	110751	38.282	ug/l	98
28) Bromochloromethane	7.244	49	70554	46.525	ug/l	96
29) Tetrahydrofuran	7.262	42	114792	326.600	ug/l	99
30) Chloroform	7.421	83	180808	40.511	ug/l	100
31) Cyclohexane	7.707	56	106366	29.983	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	163371	40.279	ug/l	99
36) 1,1-Dichloropropene	7.835	75	115673	40.668	ug/l	100
37) Ethyl Acetate	6.982	43	76357	67.762	ug/l	98
38) Carbon Tetrachloride	7.823	117	133193	38.619	ug/l	100
39) Methylcyclohexane	9.109	83	87065	23.510	ug/l	95
40) Benzene	8.085	78	371961	41.293	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	111635	183.175	ug/l	# 27
42) 1,2-Dichloroethane	8.158	62	114257	49.183	ug/l	100
43) Isopropyl Acetate	8.201	43	134302	59.771	ug/l	99
44) Trichloroethene	8.865	130	99459	37.724	ug/l	99
45) 1,2-Dichloropropane	9.140	63	86339	43.395	ug/l	96
46) Dibromomethane	9.231	93	61813	49.133	ug/l	97
47) Bromodichloromethane	9.420	83	136995	43.236	ug/l	99
48) Methyl methacrylate	9.225	41	62443	59.154	ug/l	99
49) 1,4-Dioxane	9.225	88	21387	1466.213	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	398597	343.344	ug/l	99
52) Toluene	10.170	92	216049	36.940	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	109584	39.775	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	121022	37.219	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	86106	50.896	ug/l	96
56) Ethyl methacrylate	10.438	69	104290	53.440	ug/l	99
57) 1,3-Dichloropropane	10.719	76	132485	49.419	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	307797	352.078	ug/l	98
59) 2-Hexanone	10.761	43	271277	326.978	ug/l	99
60) Dibromochloromethane	10.908	129	105421	44.445	ug/l	99
61) 1,2-Dibromoethane	11.017	107	79987	49.574	ug/l	99
64) Tetrachloroethene	10.646	164	92955	37.666	ug/l	99
65) Chlorobenzene	11.444	112	210974	40.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	86485	46.687	ug/l	98
67) Ethyl Benzene	11.517	91	309393	36.769	ug/l	99
68) m/p-Xylenes	11.627	106	239841	71.064	ug/l	97
69) o-Xylene	11.956	106	114577	36.194	ug/l	98
70) Styrene	11.969	104	180176	34.611	ug/l	99
71) Bromoform	12.133	173	65625	57.112	ug/l	98
73) Isopropylbenzene	12.255	105	247766	46.547	ug/l	99
74) N-amyl acetate	12.072	43	70454	73.690	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	86561	99.426	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	107963	151.501	ug/l	# 100
77) Bromobenzene	12.529	156	76974	54.394	ug/l	89
78) n-propylbenzene	12.596	91	256570	41.652	ug/l	100
79) 2-Chlorotoluene	12.682	91	158522	43.947	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	165193	38.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	18342	63.116	ug/l	97
82) 4-Chlorotoluene	12.773	91	163969	44.138	ug/l	100
83) tert-Butylbenzene	12.993	119	151151	38.059	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	166835	38.865	ug/l	99
85) sec-Butylbenzene	13.176	105	193717	34.003	ug/l	98
86) p-Isopropyltoluene	13.291	119	151875	31.311	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	106514	38.653	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	109007	40.052	ug/l	97
89) n-Butylbenzene	13.615	91	117679	27.843	ug/l	98
90) Hexachloroethane	13.883	117	26150	25.065	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	99840	41.325	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13082	91.578	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	33068	21.955	ug/l	95
94) Hexachlorobutadiene	15.023	225	14331	15.264	ug/l	98
95) Naphthalene	15.145	128	95477	39.808	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	29207	22.388	ug/l	96

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QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

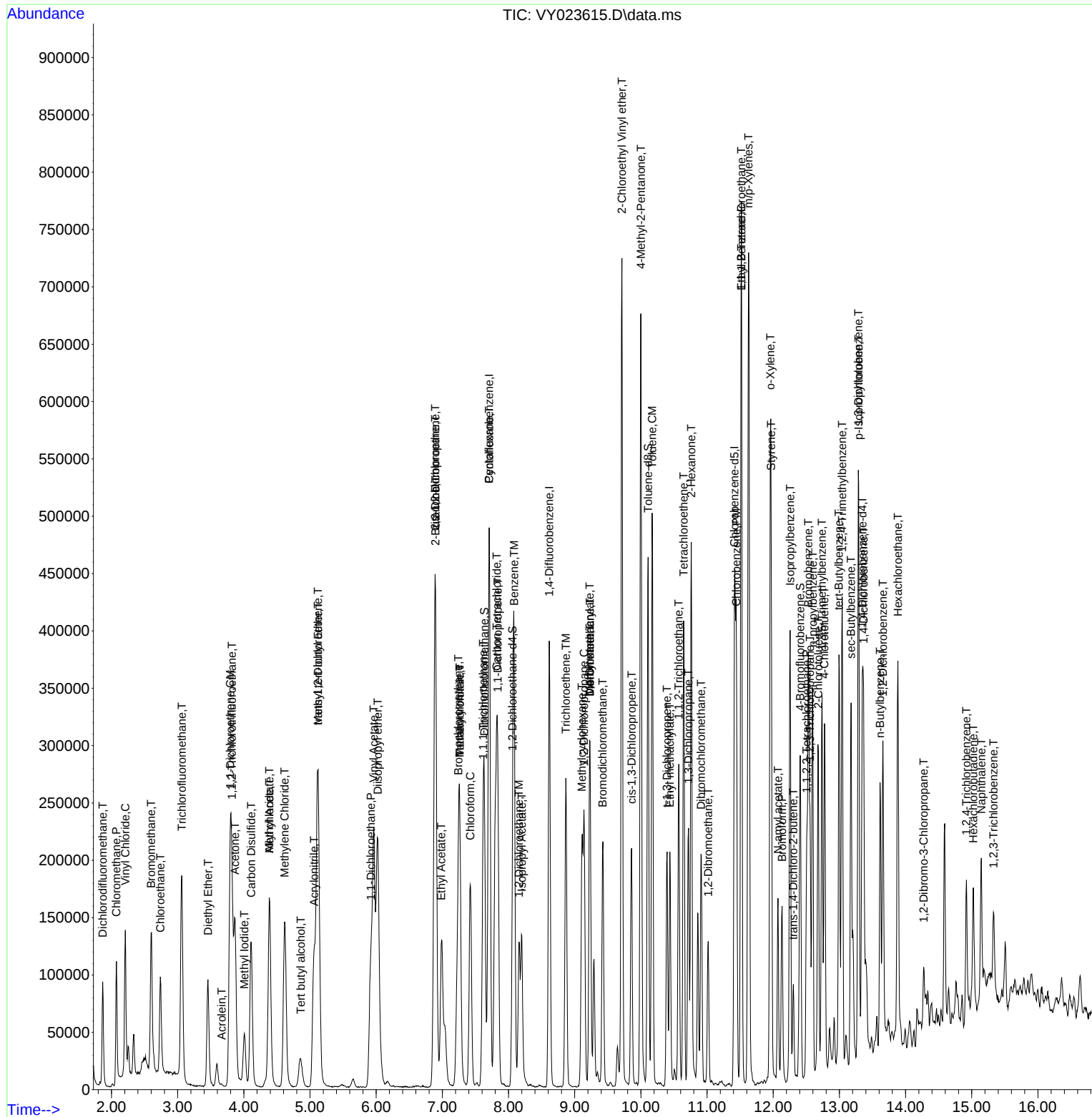
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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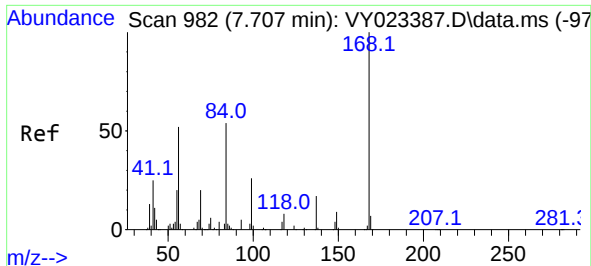
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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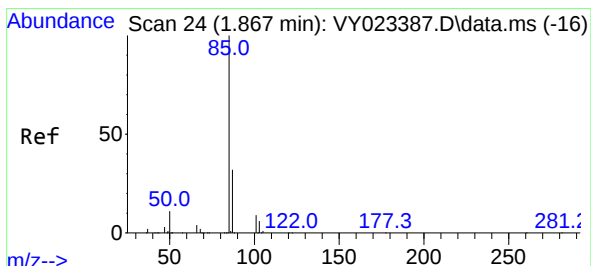
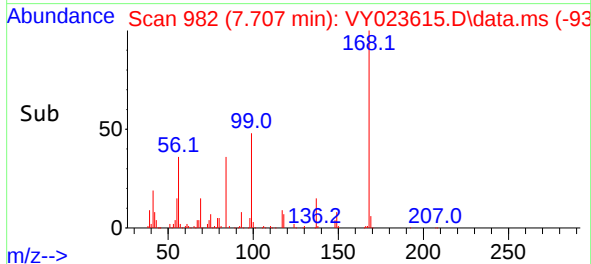
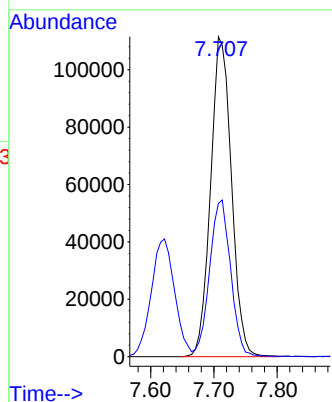
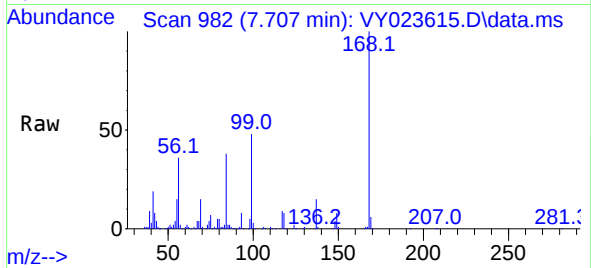




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023615.D
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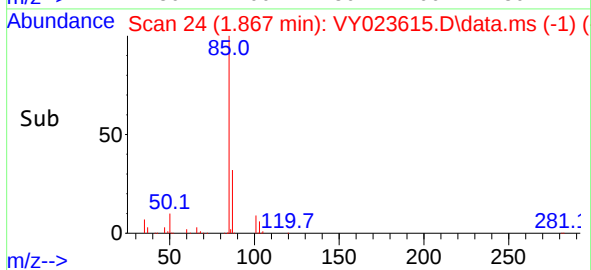
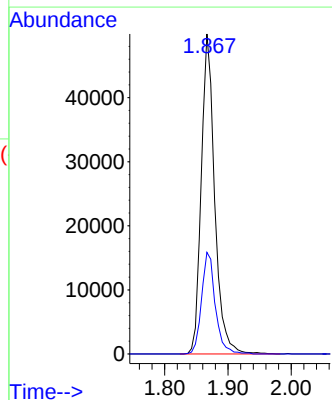
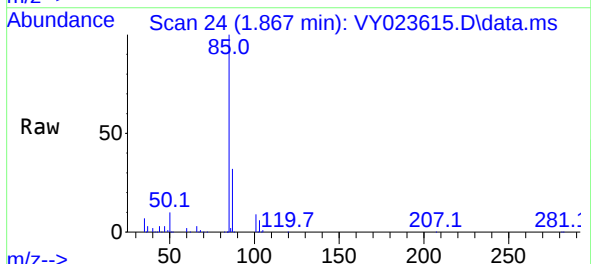
Instrument :
MSVOA_Y
ClientSampleId :

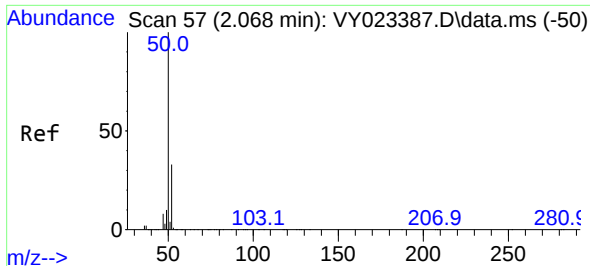
Tgt Ion:168 Resp: 255023
Ion Ratio Lower Upper
168 100
99 47.8 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 40.204 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 85 Resp: 73799
Ion Ratio Lower Upper
85 100
87 31.7 16.0 47.9

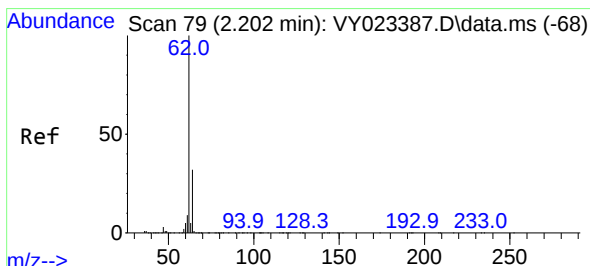
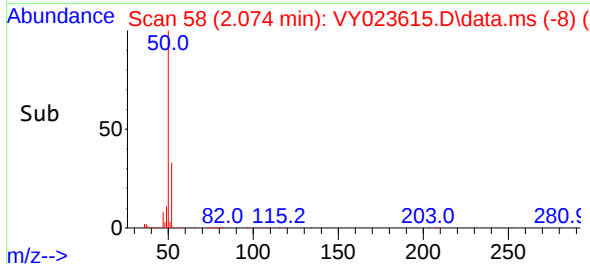
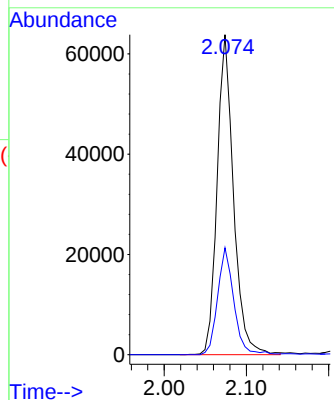
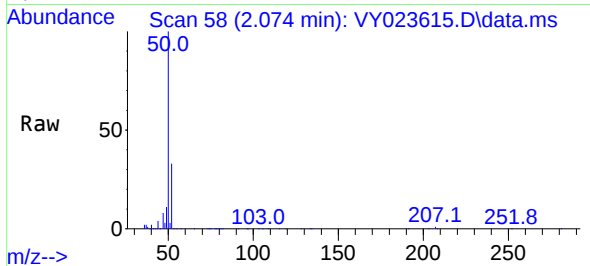




#3
Chloromethane
Concen: 35.311 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

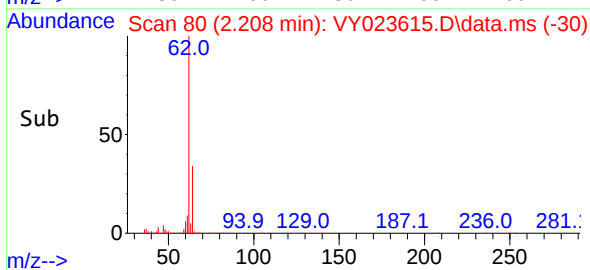
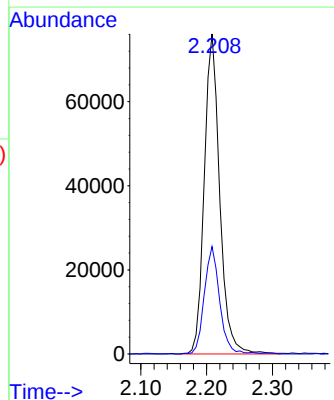
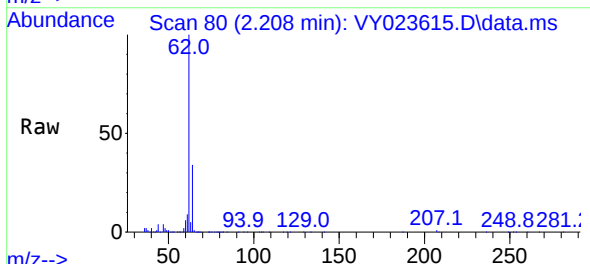
Instrument :
MSVOA_Y
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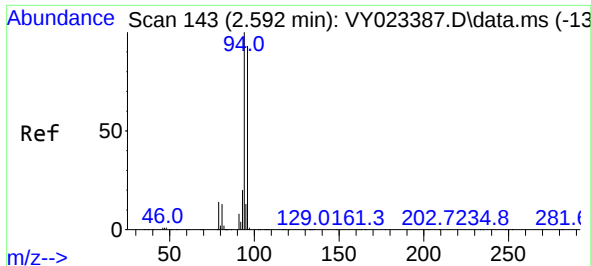
Tgt Ion: 50 Resp: 88300
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 38.163 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 62 Resp: 124297
Ion Ratio Lower Upper
62 100
64 33.6 25.8 38.8

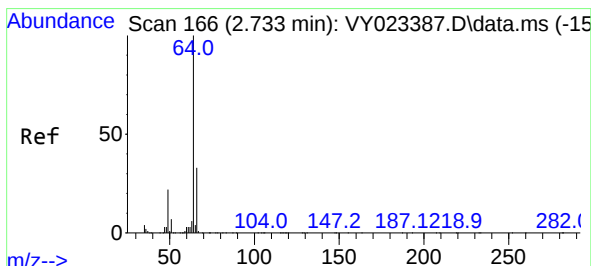
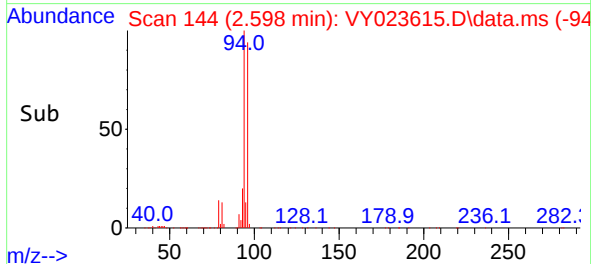
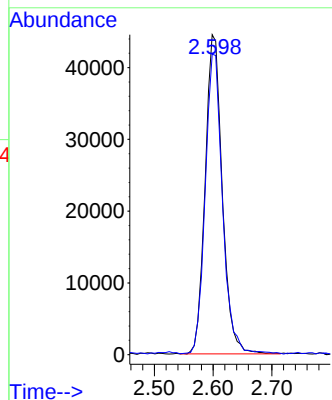
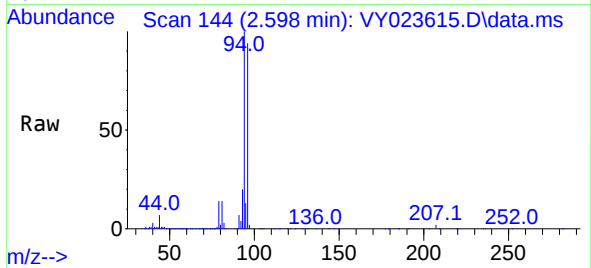




#5
Bromomethane
Concen: 32.972 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023615.D
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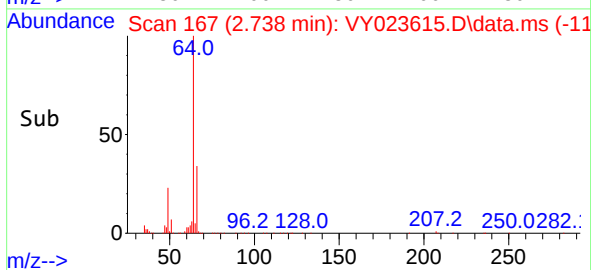
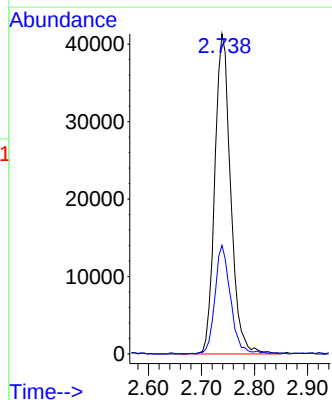
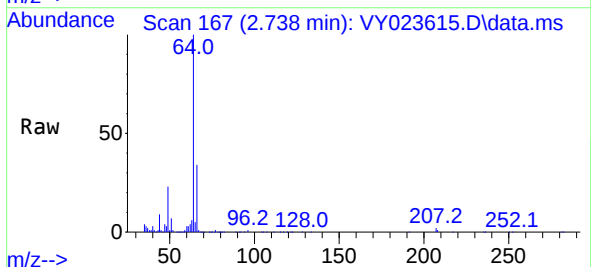
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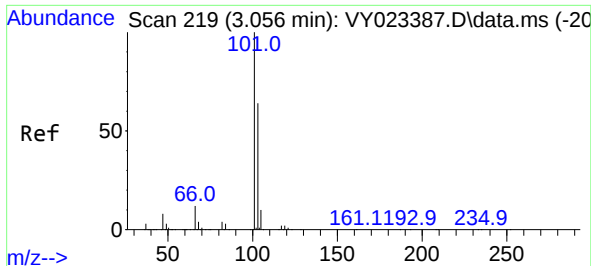
Tgt Ion: 94 Resp: 90122
Ion Ratio Lower Upper
94 100
96 93.8 74.5 111.7



#6
Chloroethane
Concen: 38.724 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 64 Resp: 85972
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4

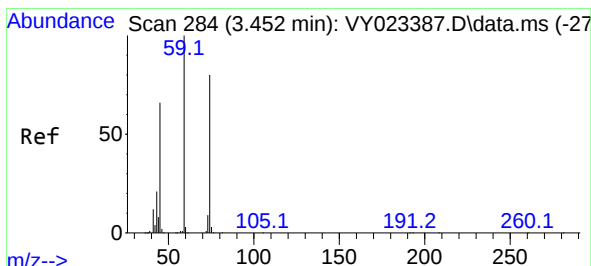
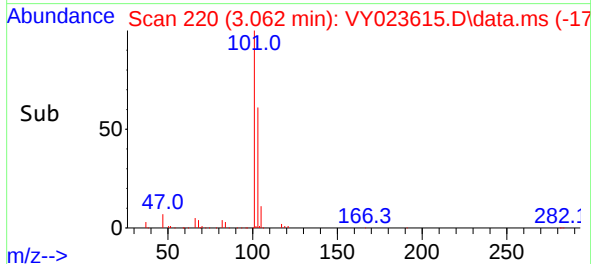
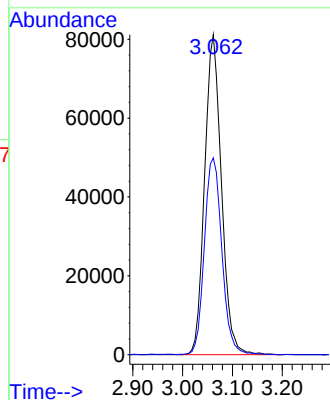
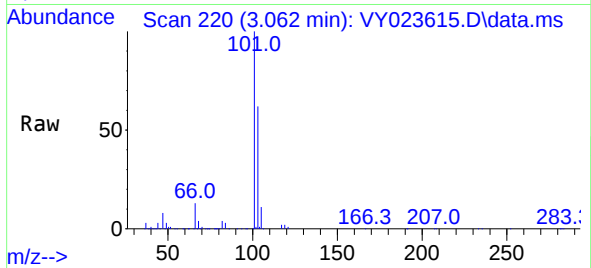




#7
Trichlorofluoromethane
Concen: 42.033 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

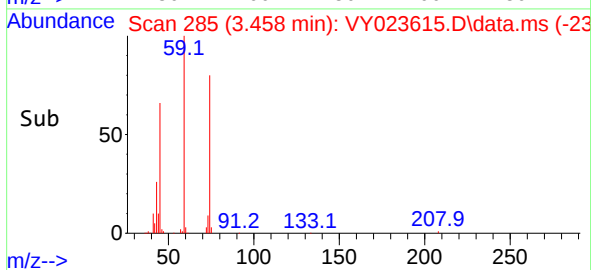
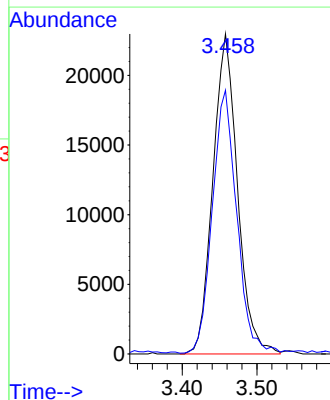
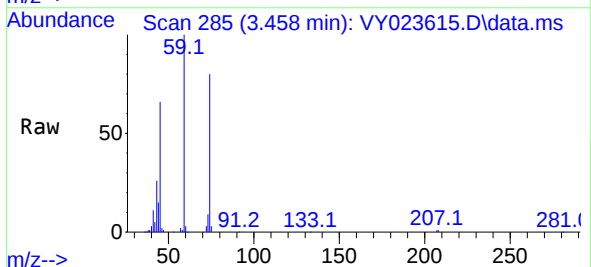
Instrument :
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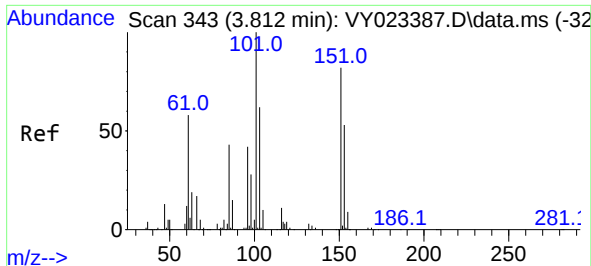
Tgt Ion:101 Resp: 190087
Ion Ratio Lower Upper
101 100
103 61.5 51.3 76.9



#8
Diethyl Ether
Concen: 44.379 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 74 Resp: 52443
Ion Ratio Lower Upper
74 100
45 81.7 39.9 119.7

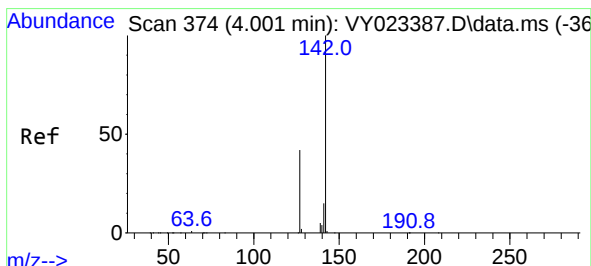
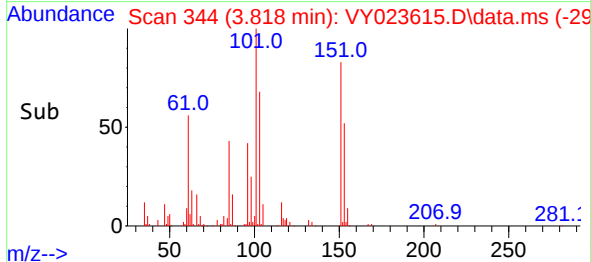
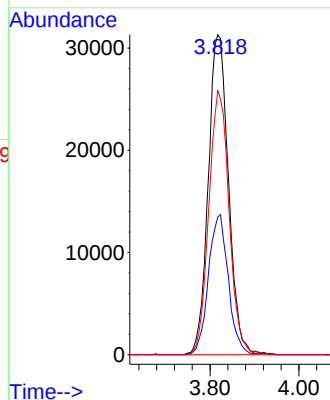
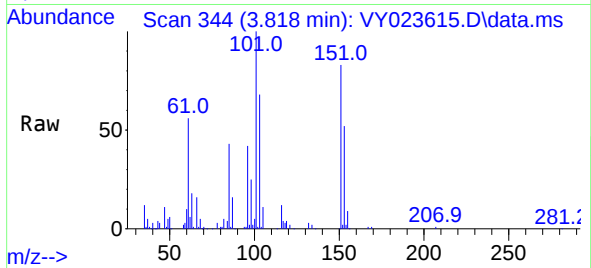




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.238 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

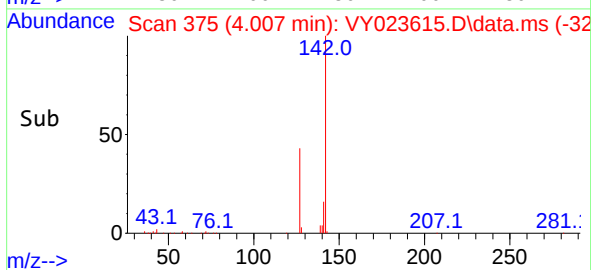
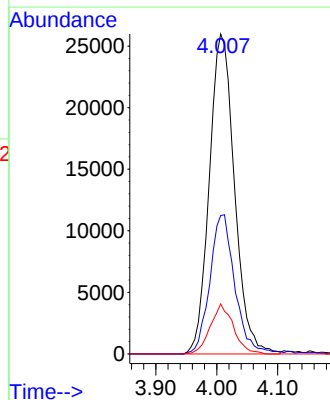
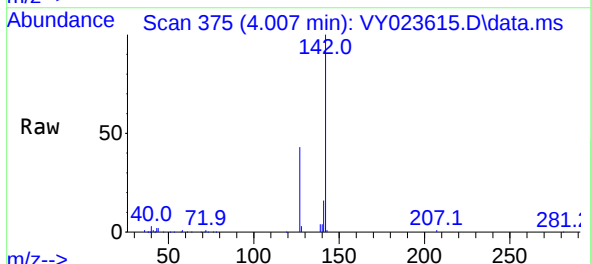
Instrument :
MSVOA_Y
ClientSampleId :

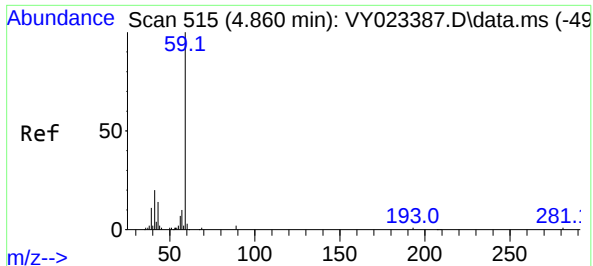
Tgt Ion:101 Resp: 99120
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 82.6 67.0 100.6



#10
Methyl Iodide
Concen: 28.541 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:142 Resp: 74563
Ion Ratio Lower Upper
142 100
127 43.2 34.8 52.2
141 14.4 11.6 17.4

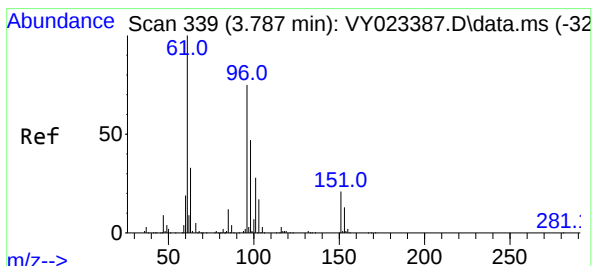
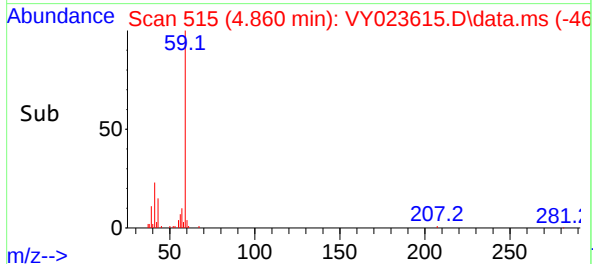
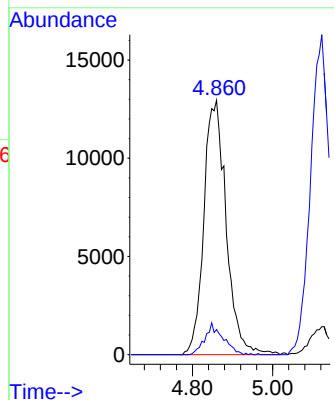
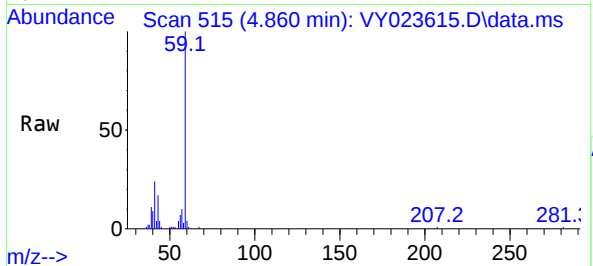




#11
Tert butyl alcohol
Concen: 315.193 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

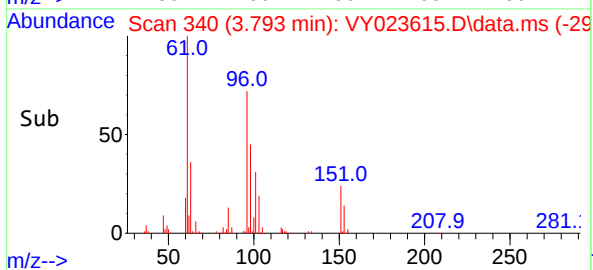
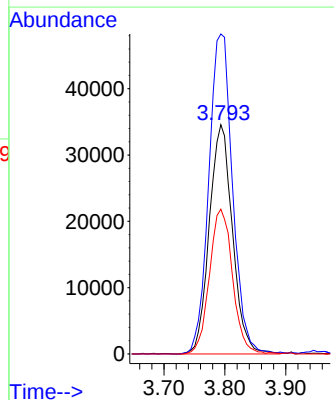
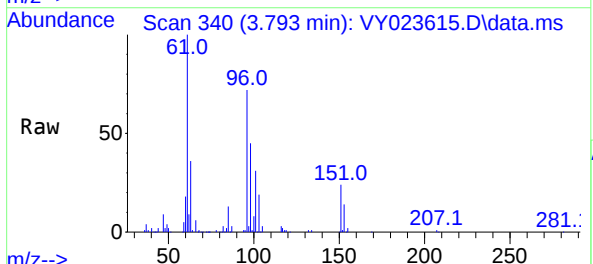
Instrument :
MSVOA_Y
ClientSampleId :

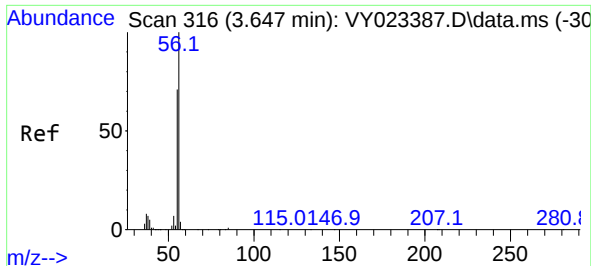
Tgt Ion: 59 Resp: 50005
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 40.282 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 96 Resp: 91637
Ion Ratio Lower Upper
96 100
61 139.6 106.7 160.1
98 63.2 50.2 75.4

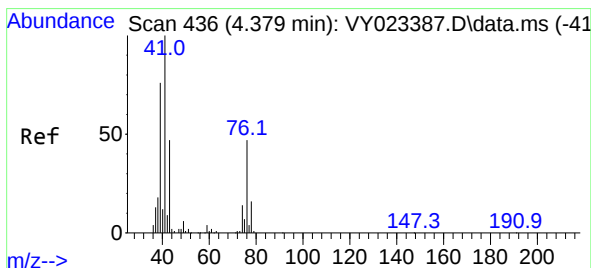
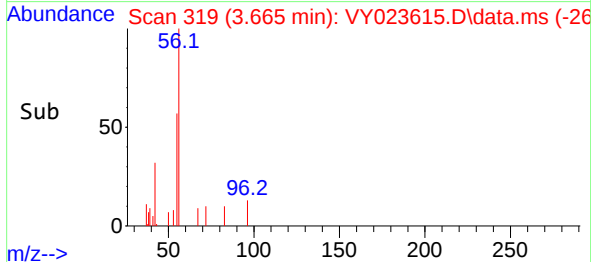
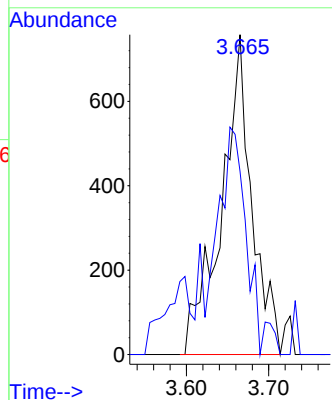
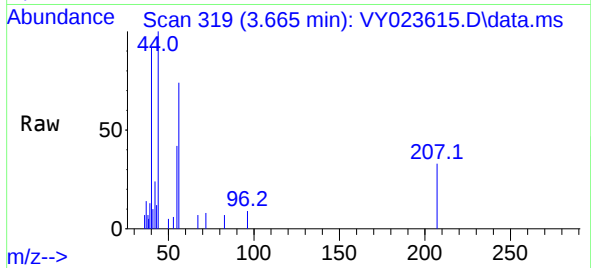




#13
Acrolein
Concen: 8.676 ug/l
RT: 3.665 min Scan# 316
Delta R.T. 0.018 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

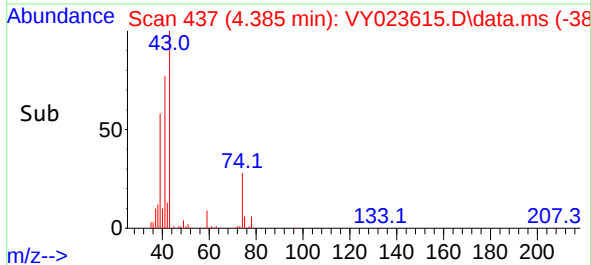
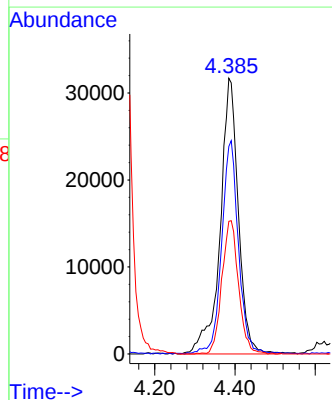
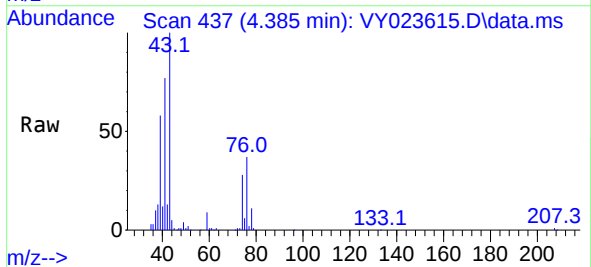
Instrument :
MSVOA_Y
ClientSampleId :

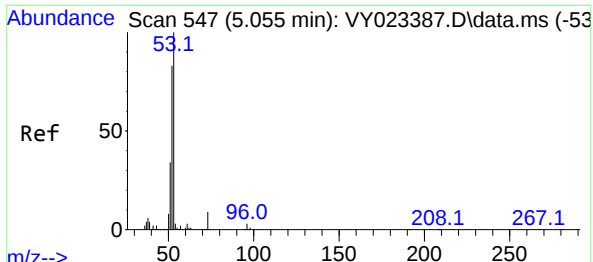
Tgt Ion: 56 Resp: 1945
Ion Ratio Lower Upper
56 100
55 66.3 56.1 84.1



#14
Allyl chloride
Concen: 35.940 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

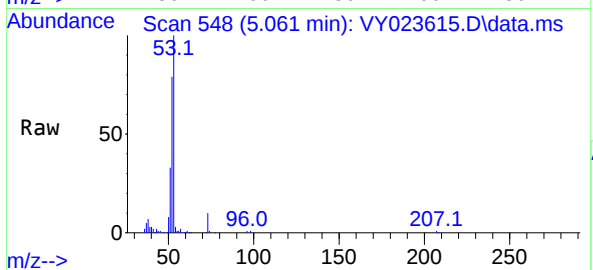
Tgt Ion: 41 Resp: 99640
Ion Ratio Lower Upper
41 100
39 71.8 59.9 89.9
76 44.3 38.0 57.0



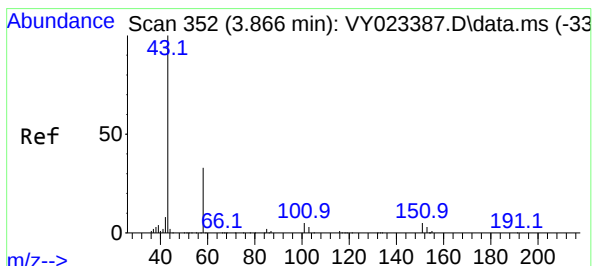
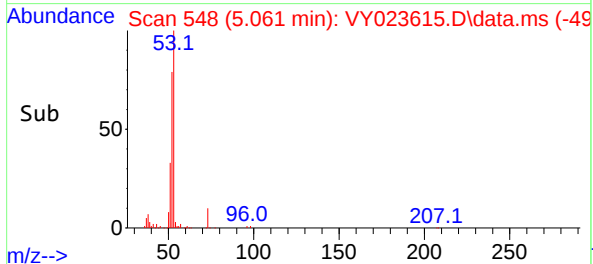
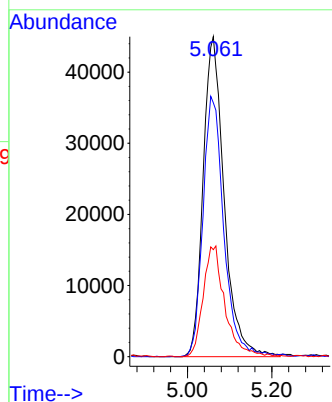


#15
Acrylonitrile
Concen: 344.676 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

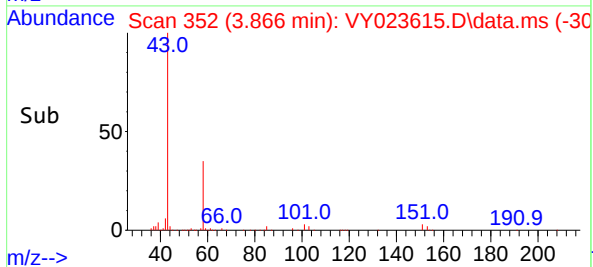
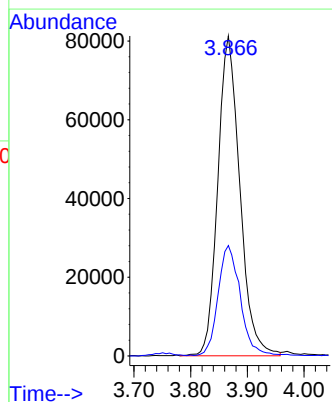
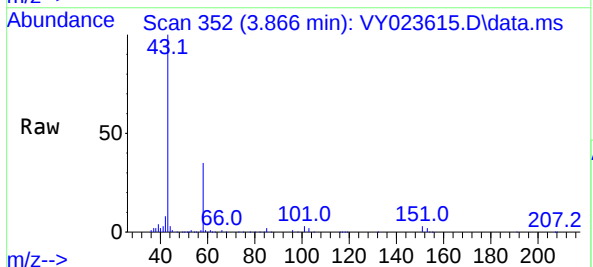


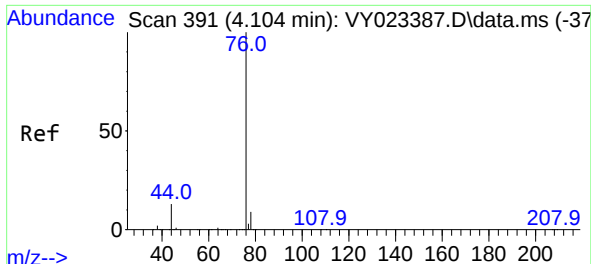
Tgt Ion: 53 Resp: 155873
Ion Ratio Lower Upper
53 100
52 80.9 64.6 97.0
51 35.6 29.5 44.3



#16
Acetone
Concen: 431.448 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 43 Resp: 219042
Ion Ratio Lower Upper
43 100
58 34.2 27.7 41.5

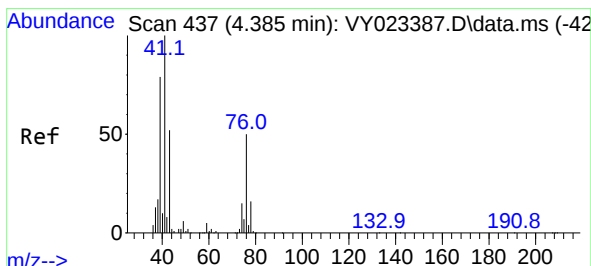
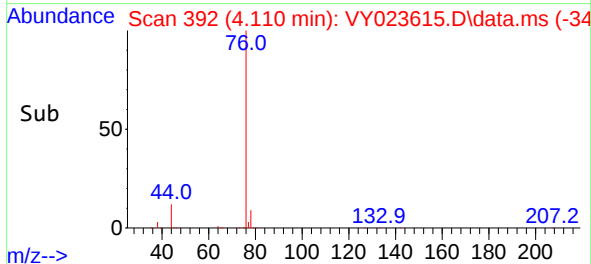
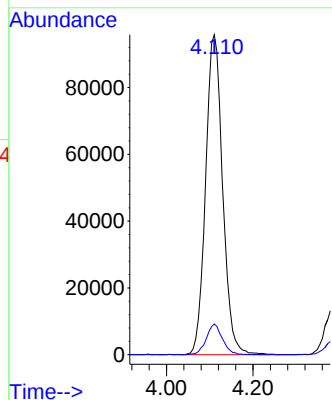
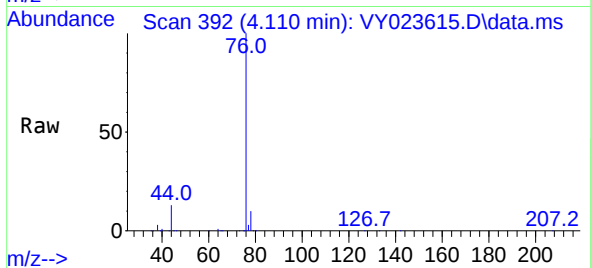




#17
Carbon Disulfide
Concen: 40.173 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

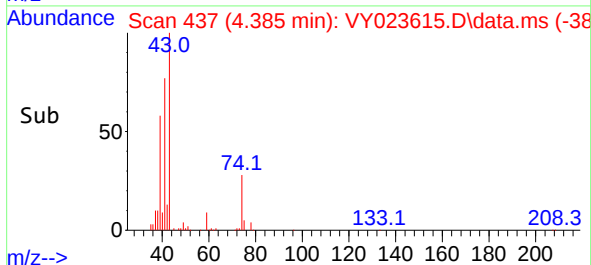
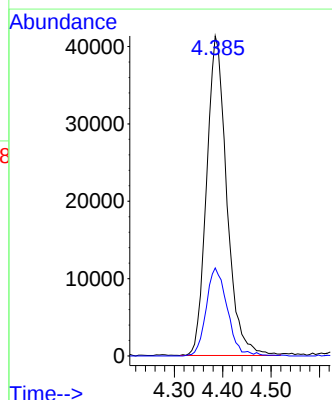
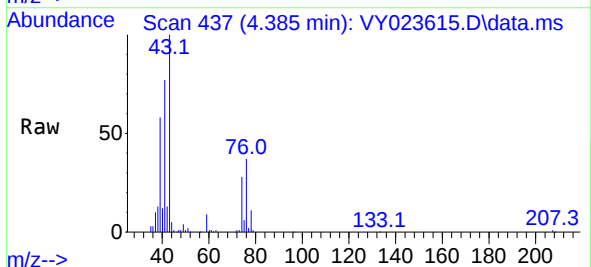
Instrument :
MSVOA_Y
ClientSampleId :

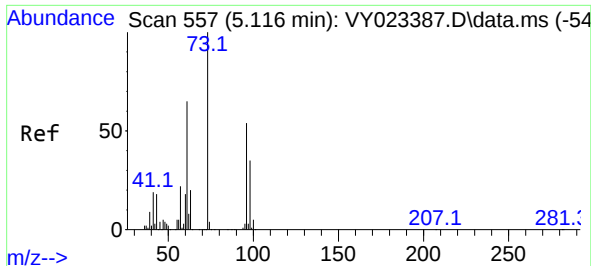
Tgt Ion: 76 Resp: 261566
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 89.780 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 43 Resp: 119567
Ion Ratio Lower Upper
43 100
74 28.9 24.2 36.4

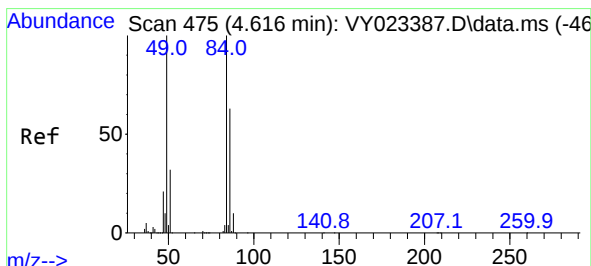
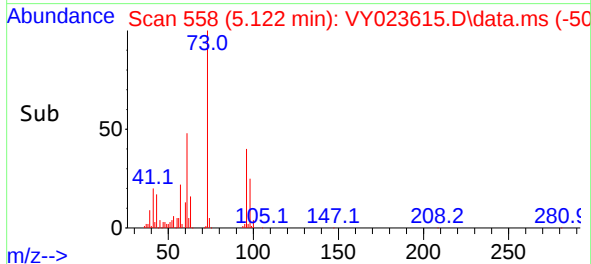
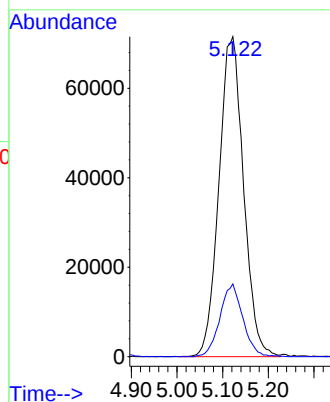
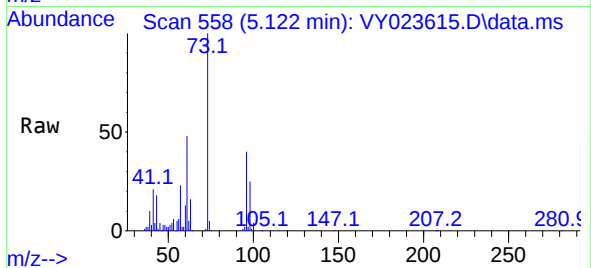




#19
Methyl tert-butyl Ether
Concen: 48.949 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

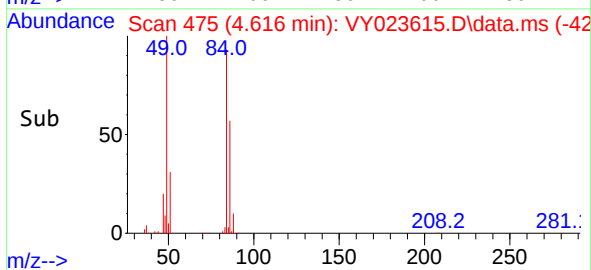
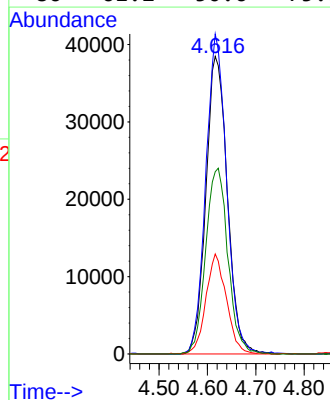
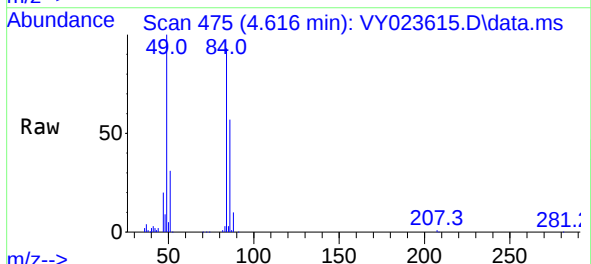
Instrument :
MSVOA_Y
ClientSampleId :

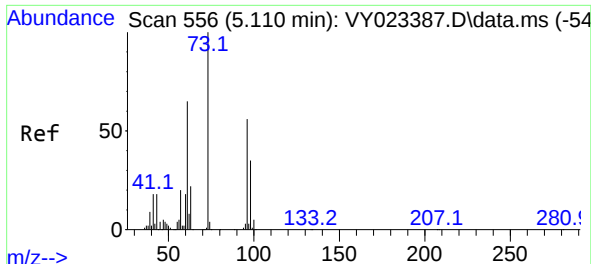
Tgt Ion: 73 Resp: 267628
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 43.211 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

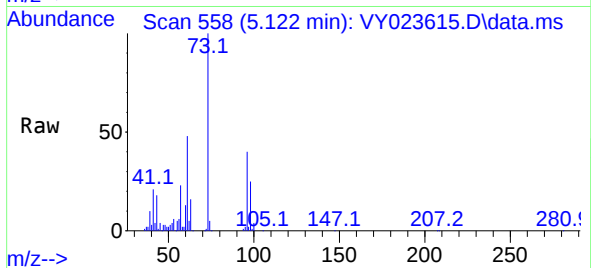
Tgt Ion: 84 Resp: 118626
Ion Ratio Lower Upper
84 100
49 107.5 80.2 120.4
51 33.4 25.9 38.9
86 61.2 50.6 75.8



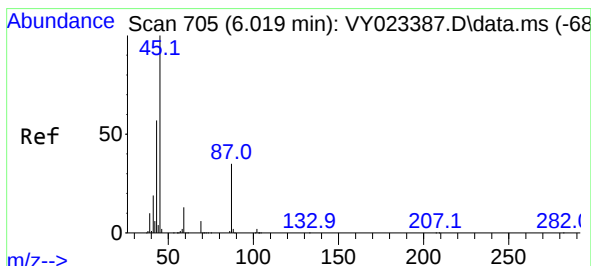
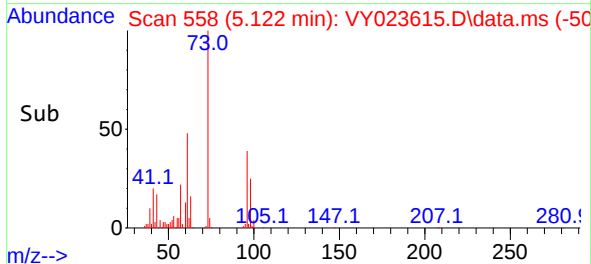
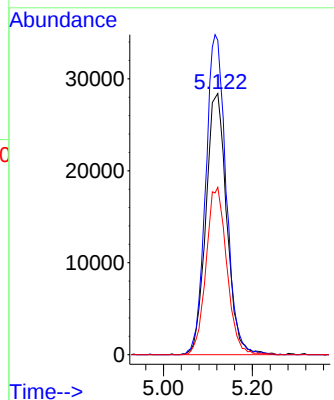


#21
trans-1,2-Dichloroethene
Concen: 36.974 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

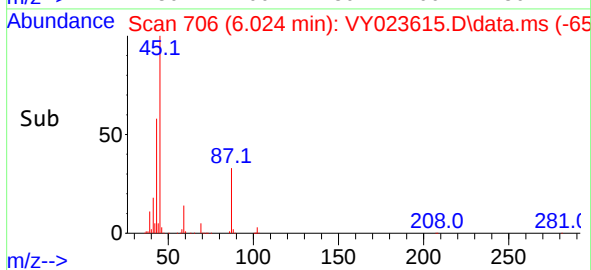
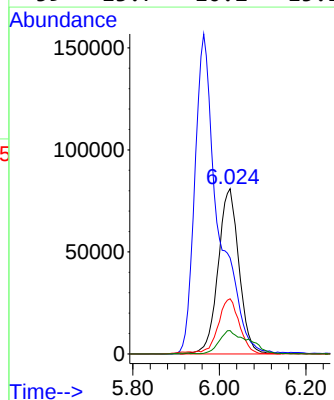
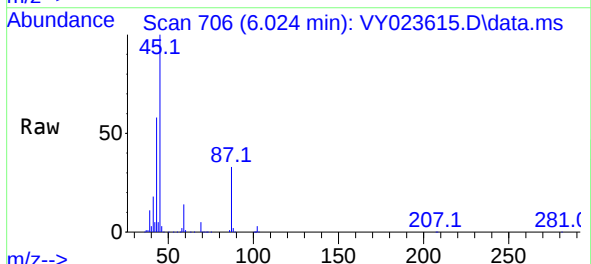


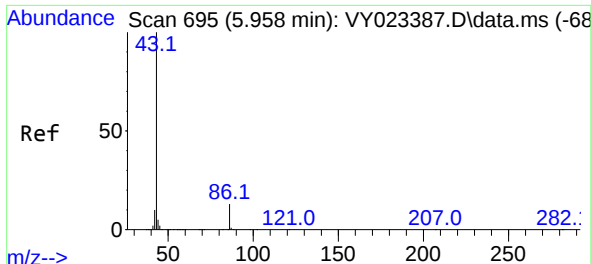
Tgt Ion: 96 Resp: 92604
Ion Ratio Lower Upper
96 100
61 120.4 92.7 139.1
98 64.1 49.7 74.5



#22
Diisopropyl ether
Concen: 44.158 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 45 Resp: 270802
Ion Ratio Lower Upper
45 100
43 57.2 45.6 68.4
87 33.4 28.1 42.1
59 13.7 10.2 15.2

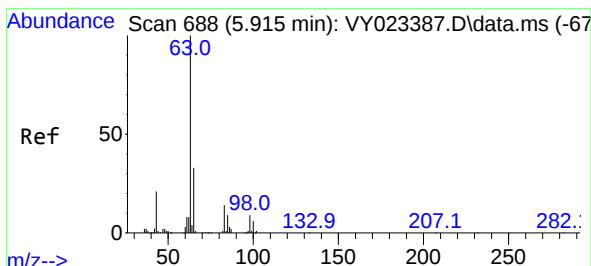
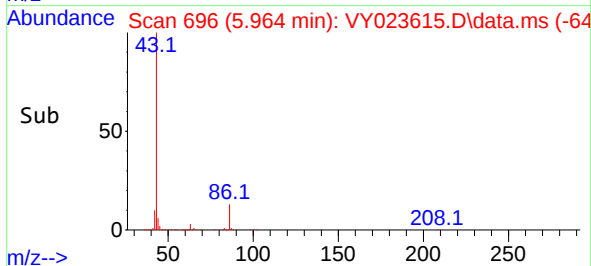
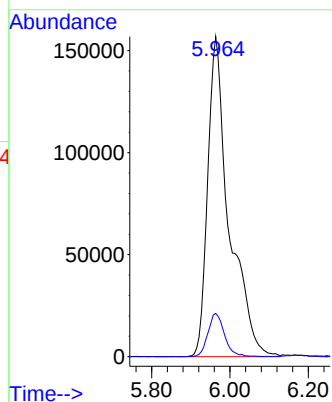
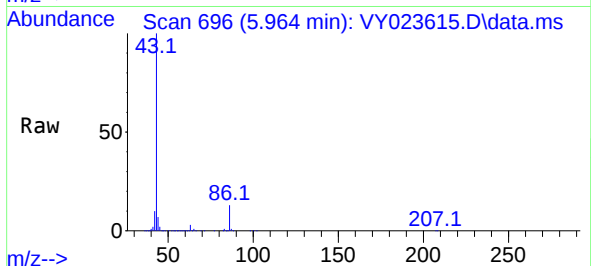




#23
 Vinyl Acetate
 Concen: 178.791 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

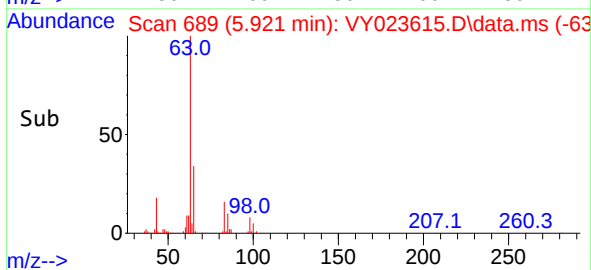
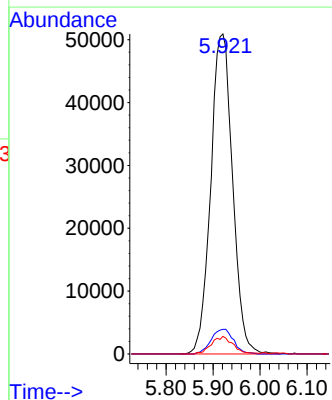
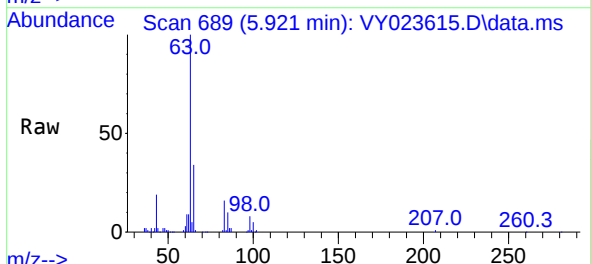
Instrument :
 MSVOA_Y
 ClientSampleId :

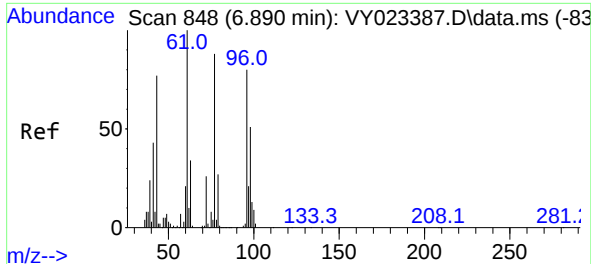
Tgt Ion: 43 Resp: 593476
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 40.434 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

Tgt Ion: 63 Resp: 164254
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 13.1
 100 5.5 2.8 8.4

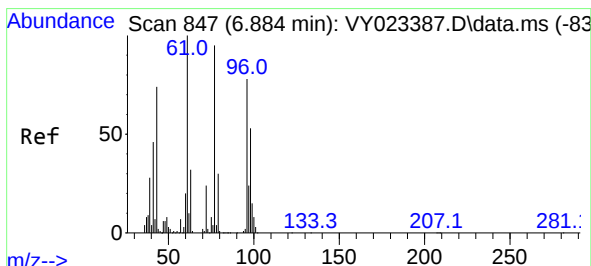
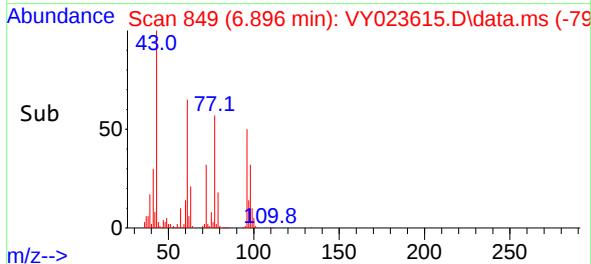
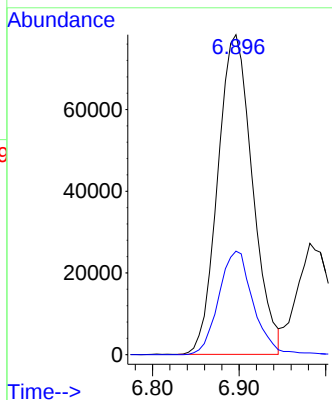
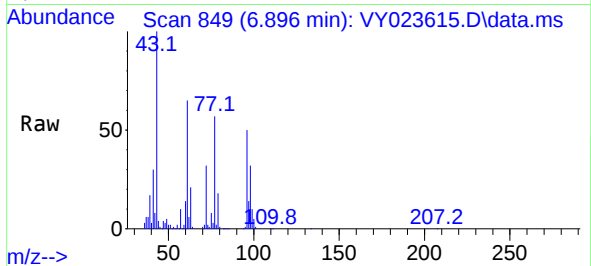




#25
2-Butanone
Concen: 351.663 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

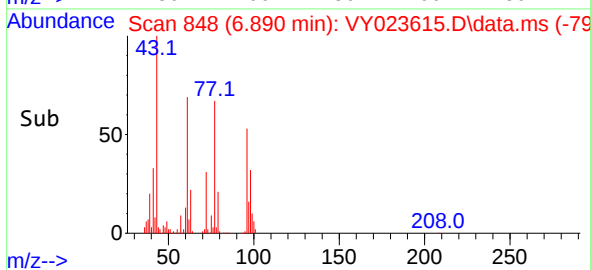
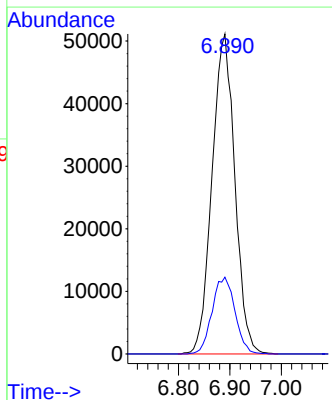
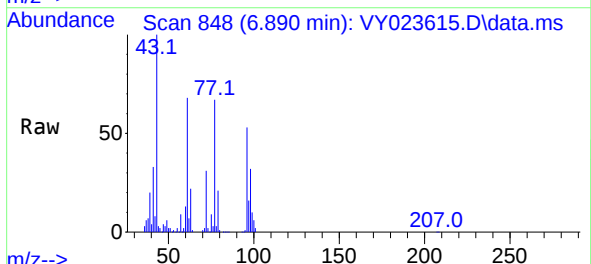
Instrument :
MSVOA_Y
ClientSampleId :

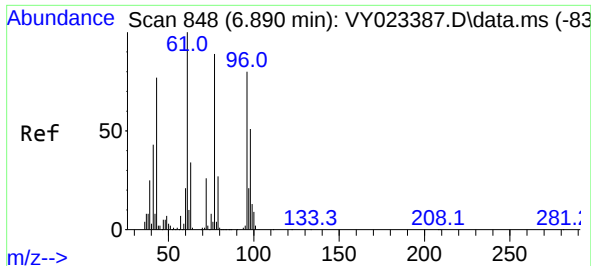
Tgt Ion: 43 Resp: 217964
Ion Ratio Lower Upper
43 100
72 32.4 27.4 41.2



#26
2,2-Dichloropropane
Concen: 42.250 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

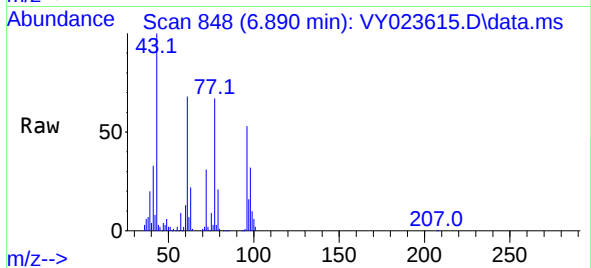
Tgt Ion: 77 Resp: 157485
Ion Ratio Lower Upper
77 100
97 24.1 12.1 36.3





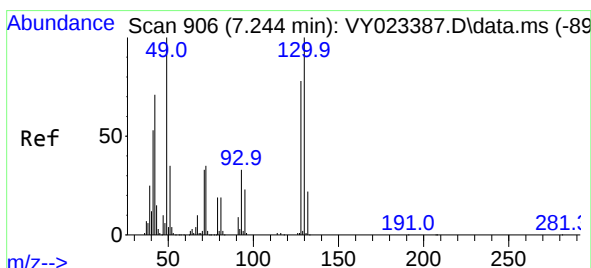
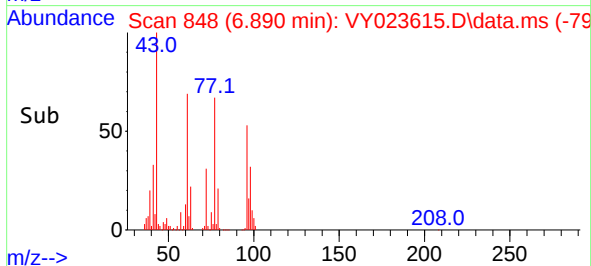
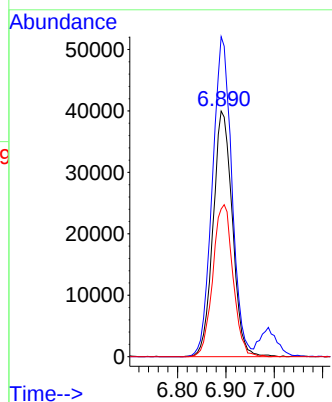
#27
 cis-1,2-Dichloroethene
 Concen: 38.282 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 110751

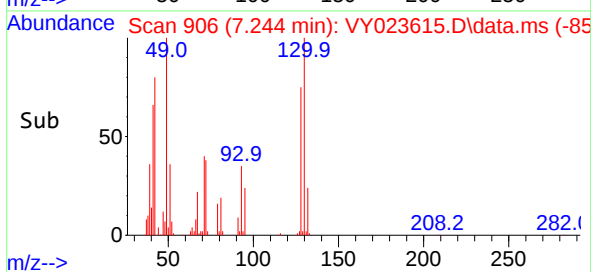
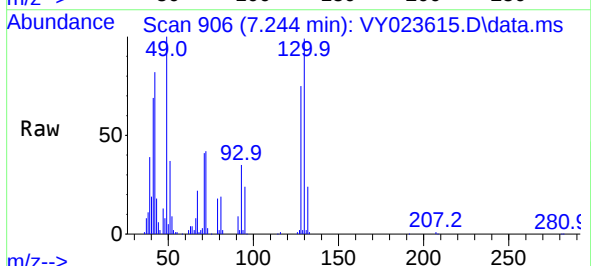
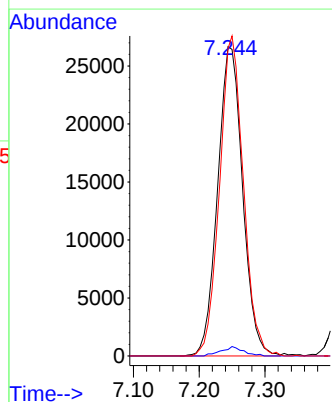
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	258.2
98	64.4	0.0	132.0

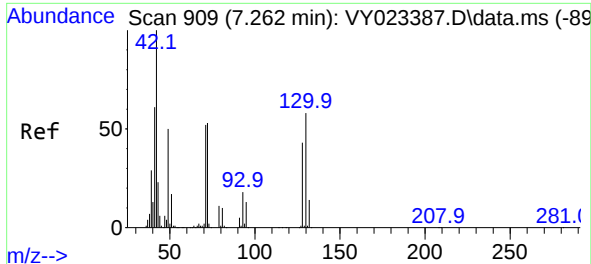


#28
 Bromochloromethane
 Concen: 46.525 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

Tgt Ion: 49 Resp: 70554

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	98.4	81.9	122.9

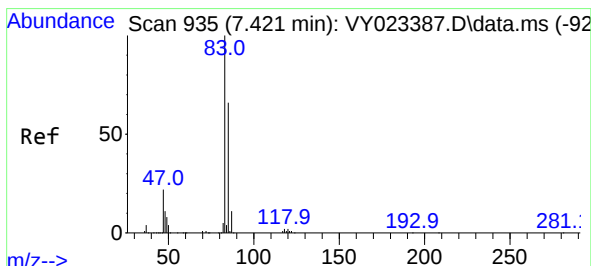
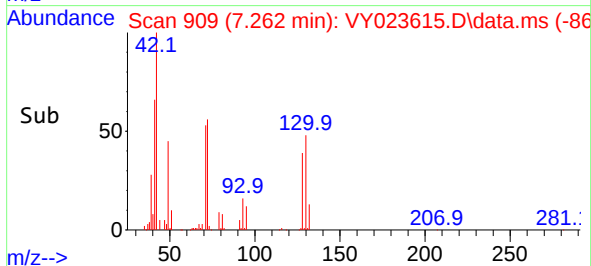
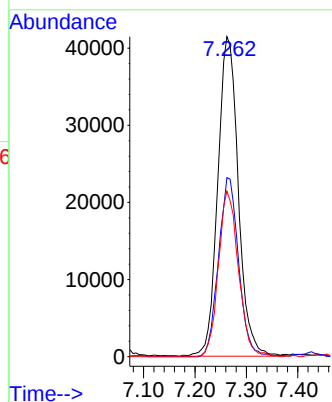
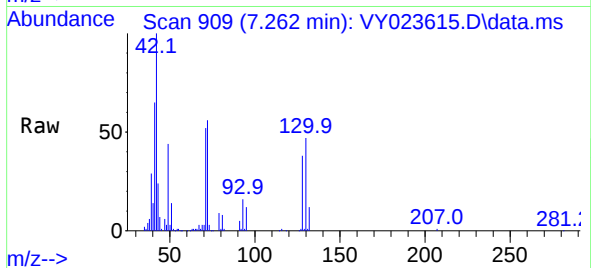




#29
Tetrahydrofuran
Concen: 326.600 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

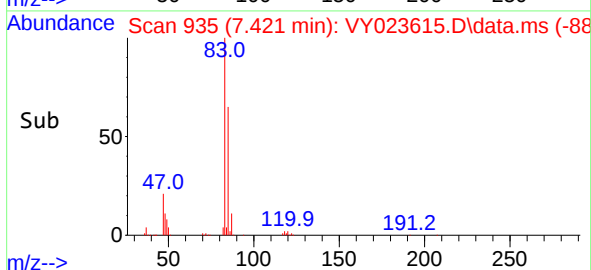
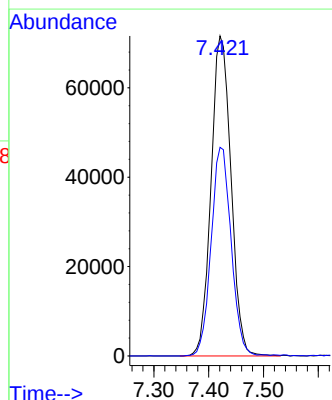
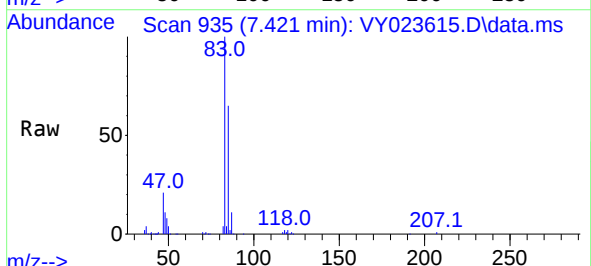
Instrument :
MSVOA_Y
ClientSampleId :

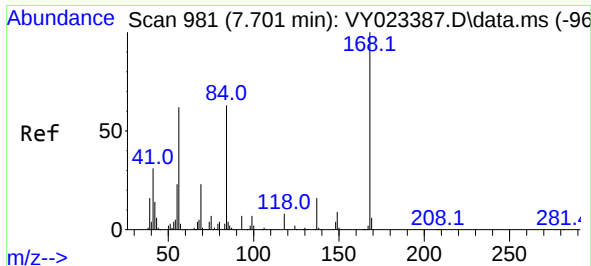
Tgt Ion: 42 Resp: 114792
Ion Ratio Lower Upper
42 100
72 54.9 43.0 64.6
71 50.5 40.1 60.1



#30
Chloroform
Concen: 40.511 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 83 Resp: 180808
Ion Ratio Lower Upper
83 100
85 65.2 52.5 78.7

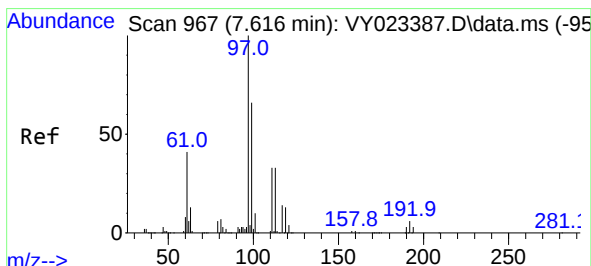
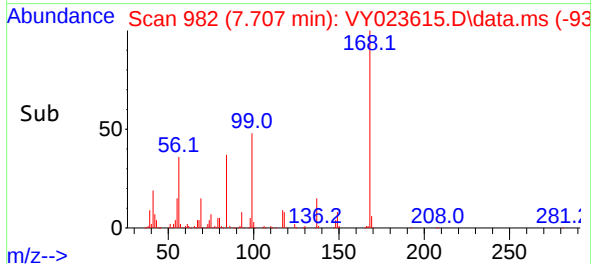
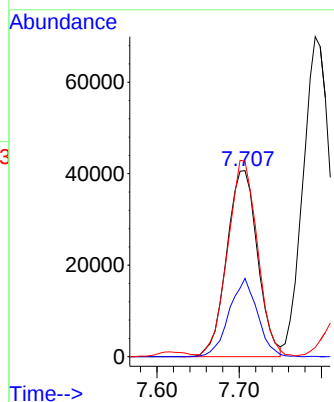
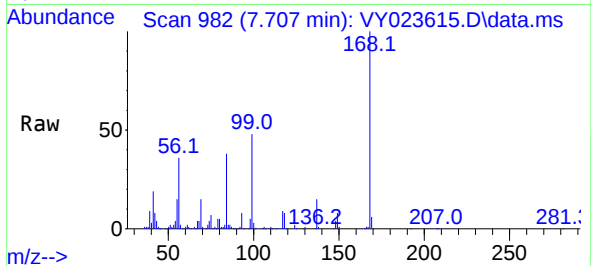




#31
Cyclohexane
Concen: 29.983 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

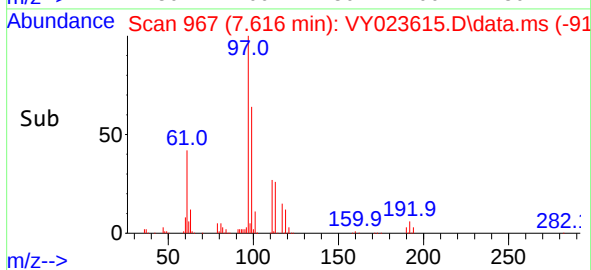
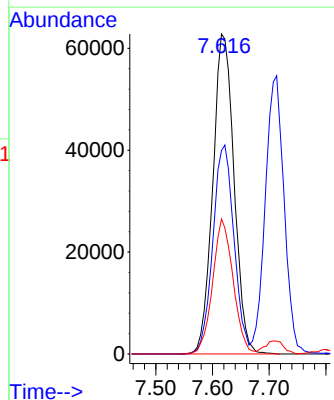
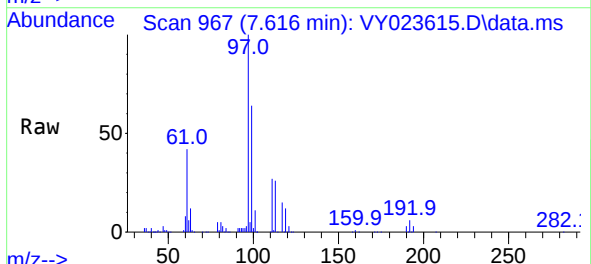
Instrument :
MSVOA_Y
ClientSampleId :

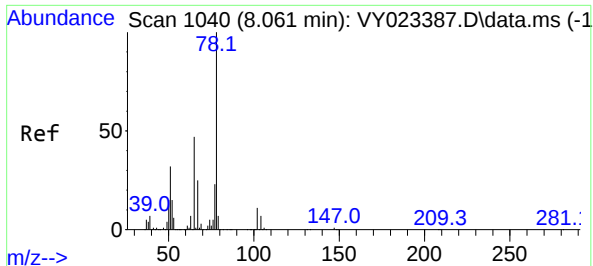
Tgt Ion: 56 Resp: 106366
Ion Ratio Lower Upper
56 100
69 42.0 30.0 45.0
84 102.9 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 40.279 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 97 Resp: 163371
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 40.8 31.9 47.9

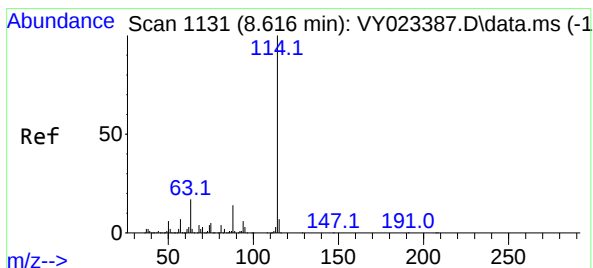
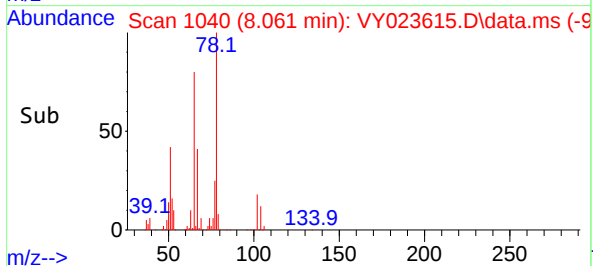
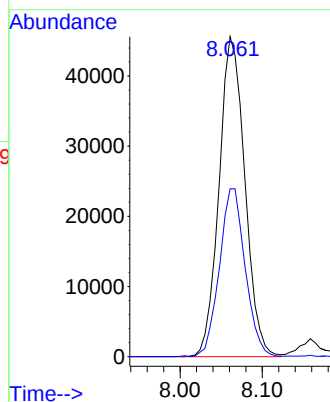
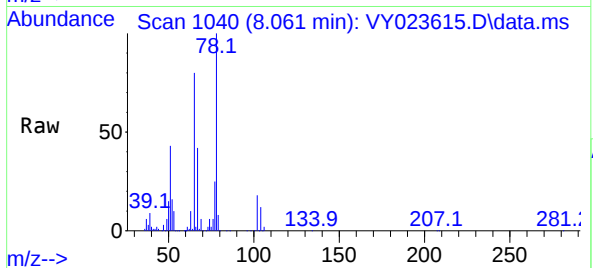




#33
1,2-Dichloroethane-d4
Concen: 46.706 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

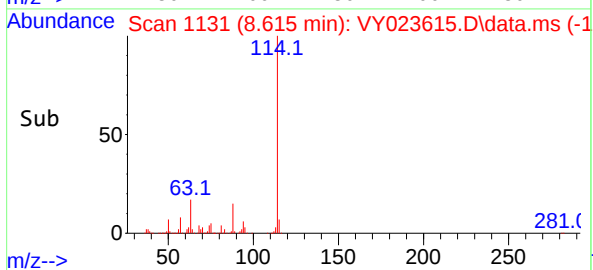
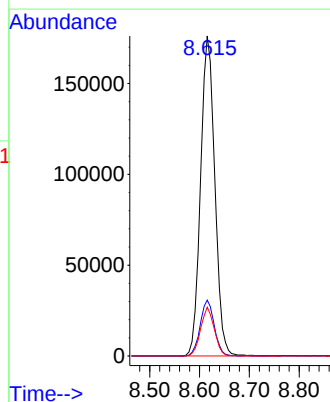
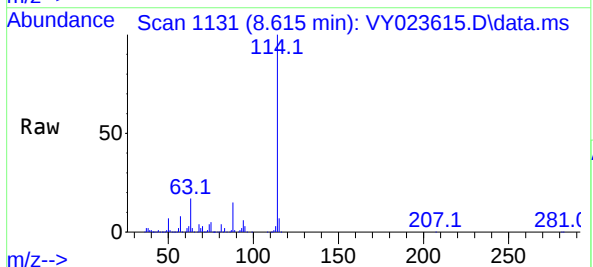
Instrument :
MSVOA_Y
ClientSampleId :

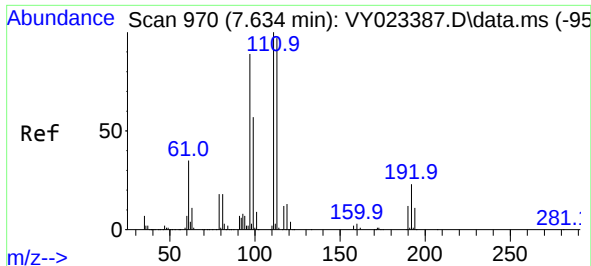
Tgt Ion: 65 Resp: 99603
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

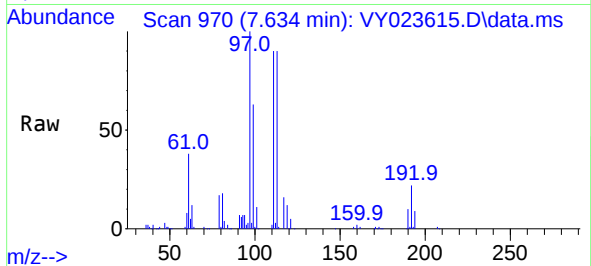
Tgt Ion:114 Resp: 349654
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.2
88 15.2 0.0 28.4



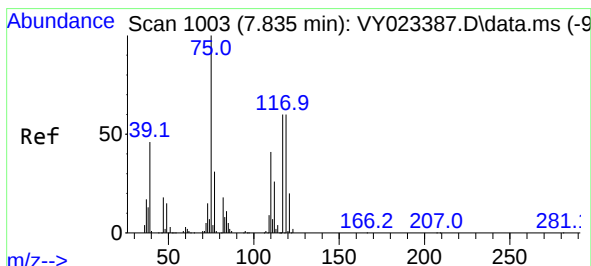
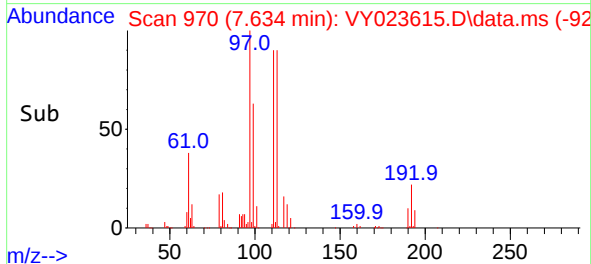
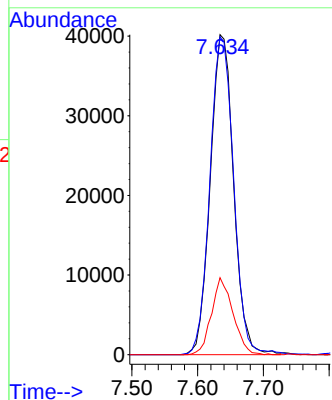


#35
Dibromofluoromethane
Concen: 46.092 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

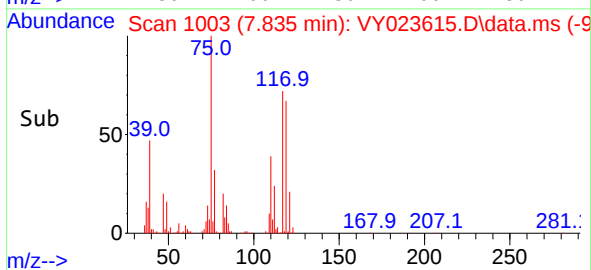
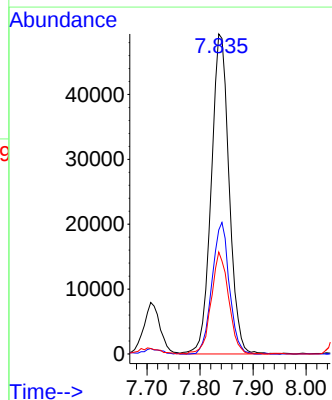
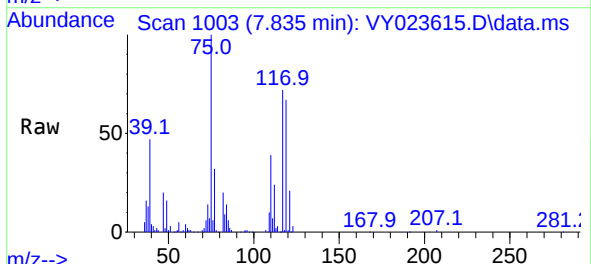


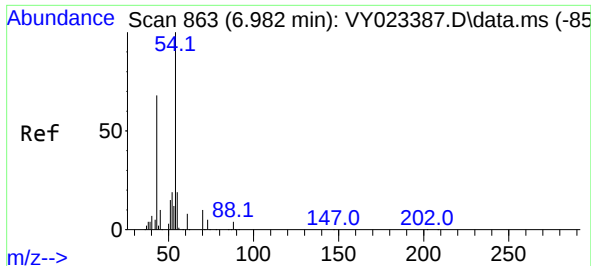
Tgt Ion:113 Resp: 99026
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 22.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 40.668 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 75 Resp: 115673
Ion Ratio Lower Upper
75 100
110 39.6 19.9 59.7
77 31.0 25.0 37.6

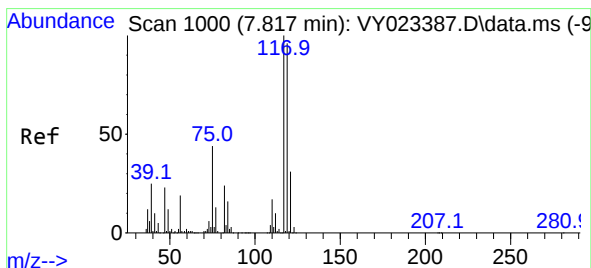
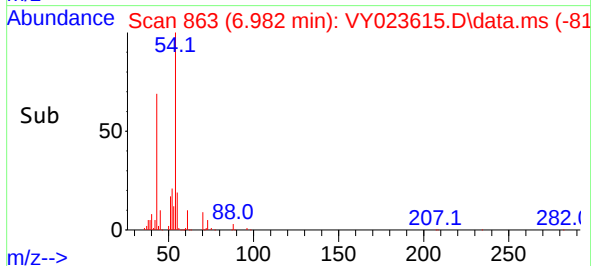
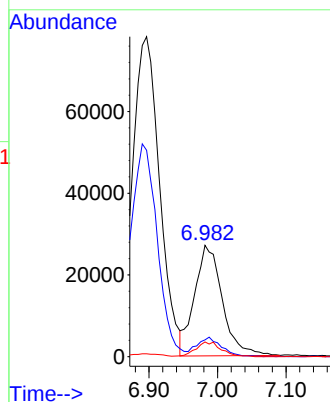
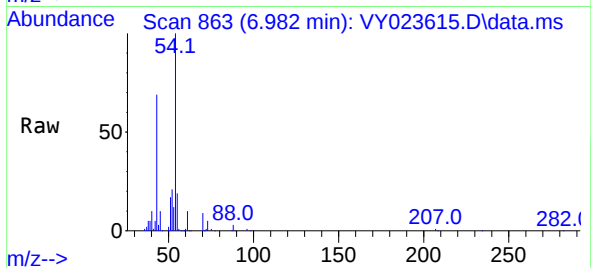




#37
Ethyl Acetate
Concen: 67.762 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

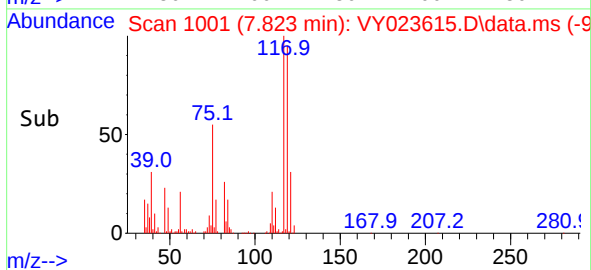
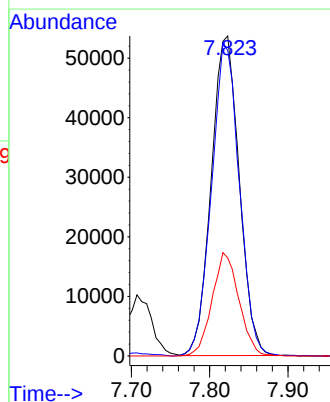
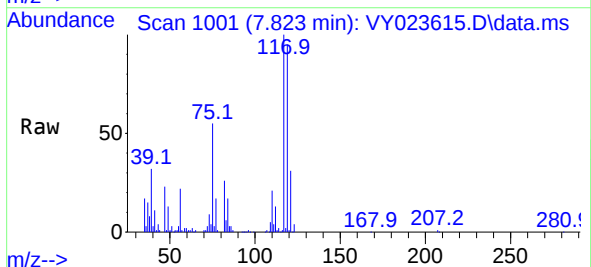
Instrument :
MSVOA_Y
ClientSampleId :

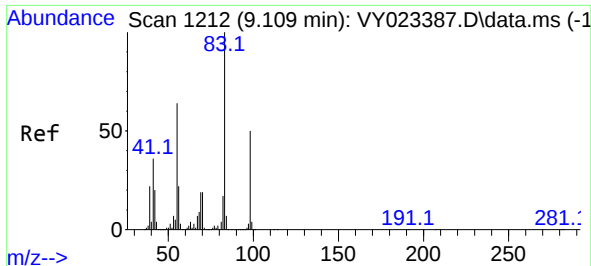
Tgt Ion: 43 Resp: 76357
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 12.3 10.5 15.7



#38
Carbon Tetrachloride
Concen: 38.619 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 117 Resp: 133193
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 23.510 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

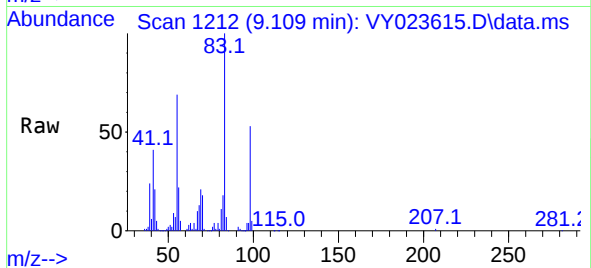
Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :



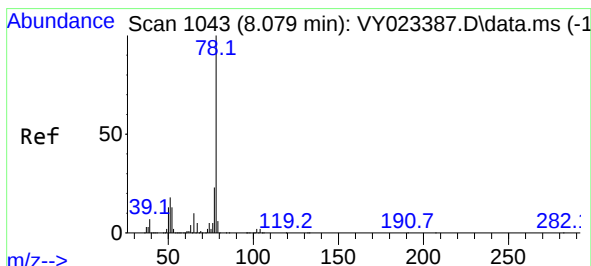
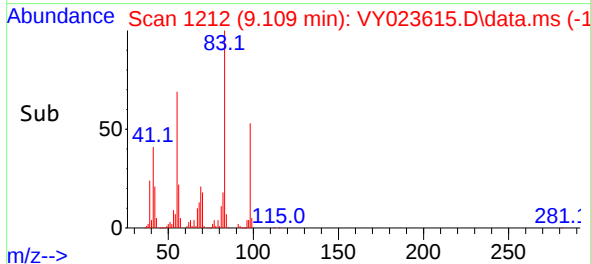
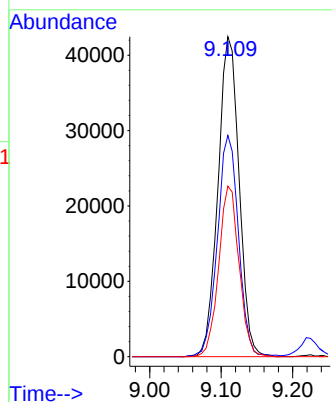
Tgt Ion: 83 Resp: 87065

Ion Ratio Lower Upper

83 100

55 69.2 51.4 77.2

98 53.3 40.4 60.6



#40

Benzene

Concen: 41.293 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023615.D

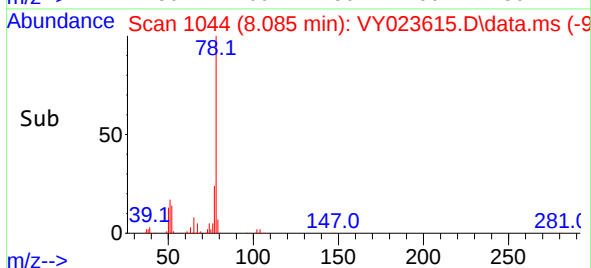
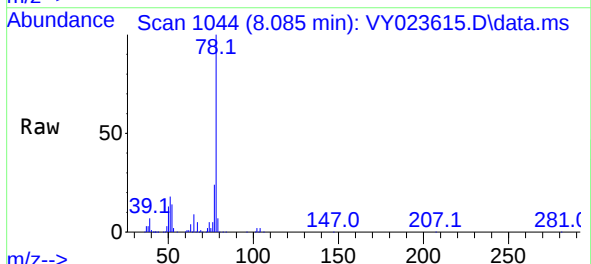
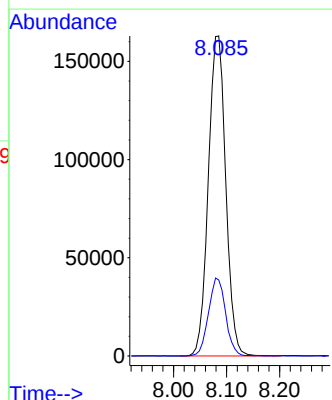
Acq: 29 Oct 2025 11:15

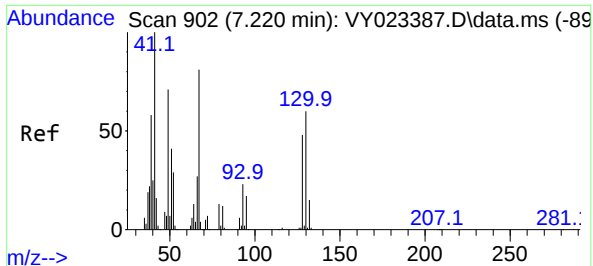
Tgt Ion: 78 Resp: 371961

Ion Ratio Lower Upper

78 100

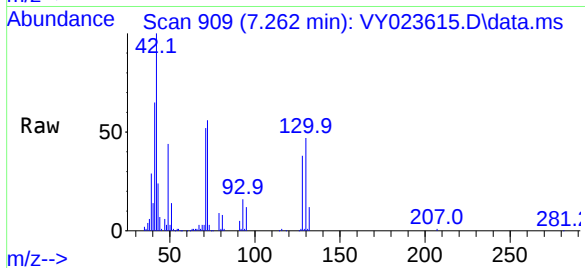
77 23.8 18.3 27.5



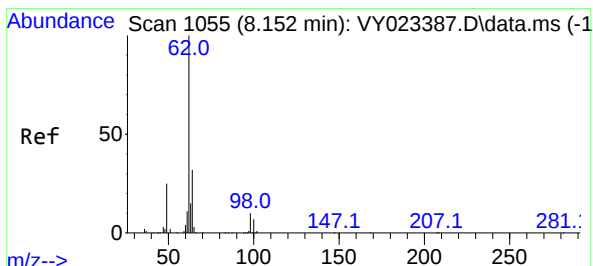
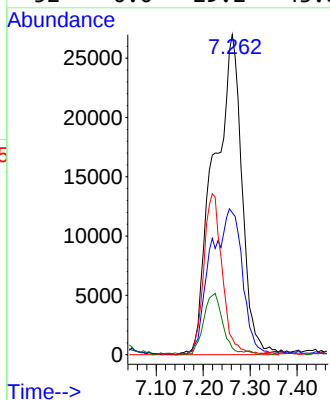
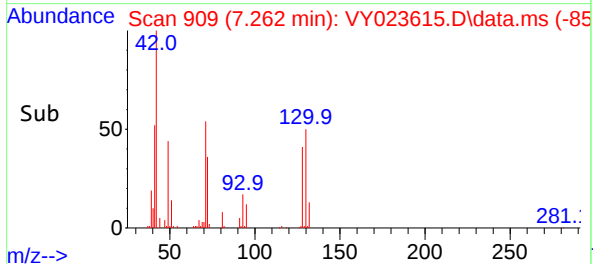


#41
Methacrylonitrile
Concen: 183.175 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

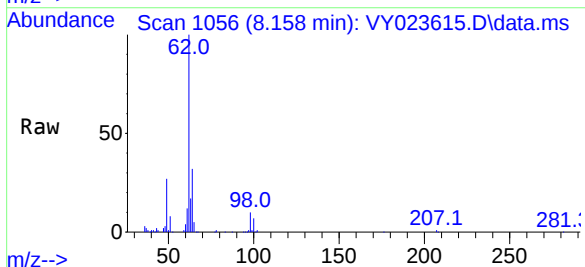
Instrument :
MSVOA_Y
ClientSampleId :



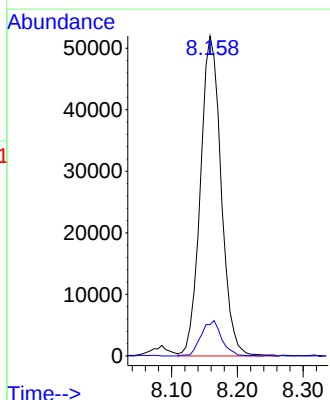
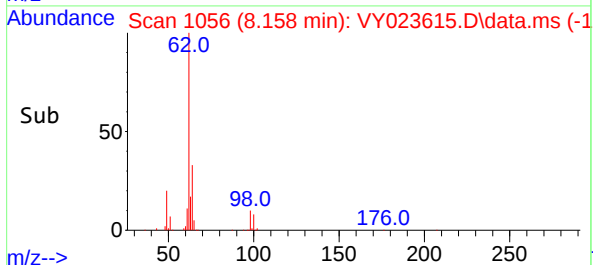
Tgt Ion: 41 Resp: 111635
Ion Ratio Lower Upper
41 100
39 29.9 52.2 78.4#
67 0.0 74.9 112.3#
52 0.0 29.2 43.8#

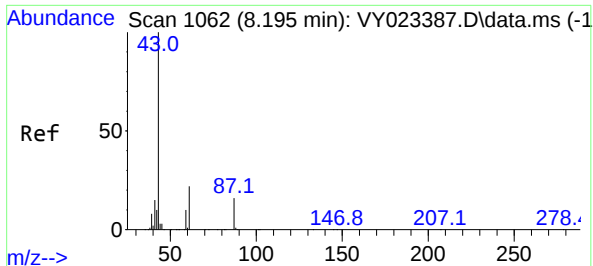


#42
1,2-Dichloroethane
Concen: 49.183 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



Tgt Ion: 62 Resp: 114257
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.6

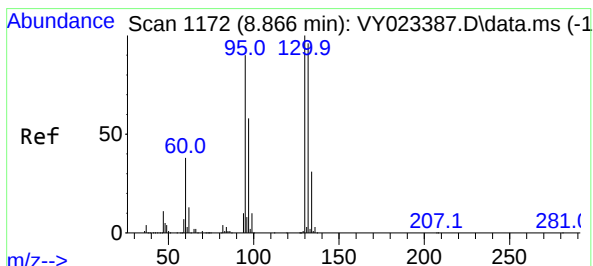
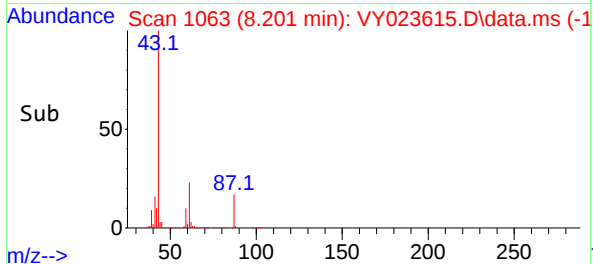
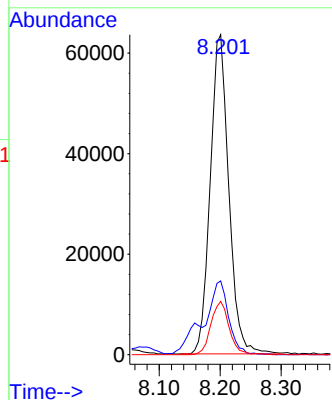
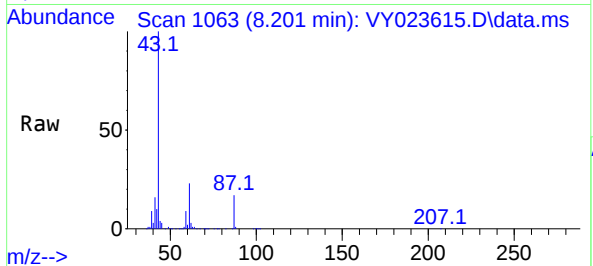




#43
Isopropyl Acetate
Concen: 59.771 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

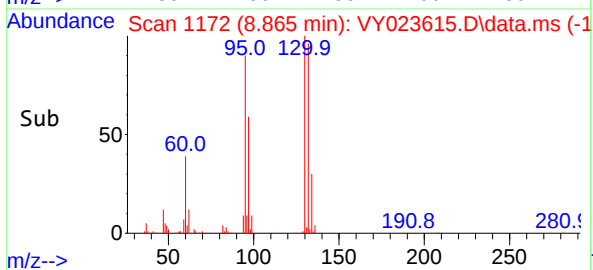
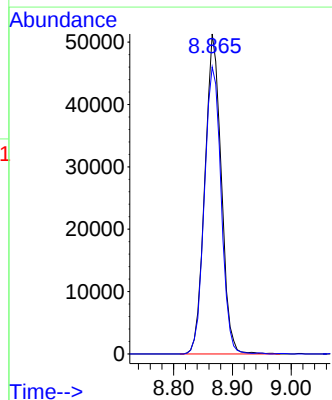
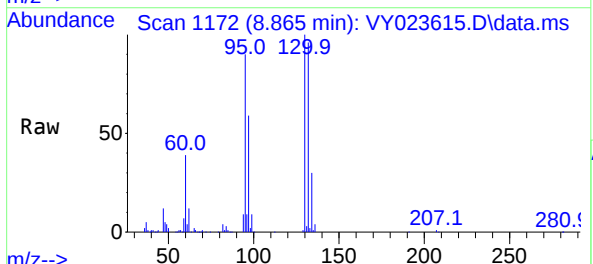
Instrument :
MSVOA_Y
ClientSampleId :

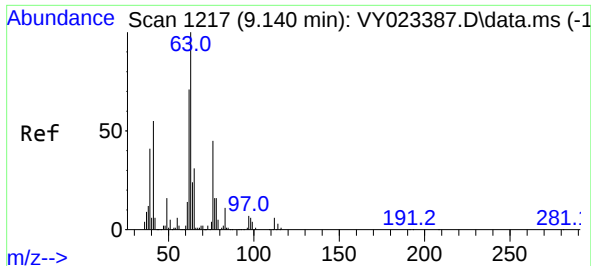
Tgt Ion: 43 Resp: 134302
Ion Ratio Lower Upper
43 100
61 23.4 18.1 27.1
87 16.4 13.5 20.3



#44
Trichloroethene
Concen: 37.724 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:130 Resp: 99459
Ion Ratio Lower Upper
130 100
95 89.7 0.0 180.6

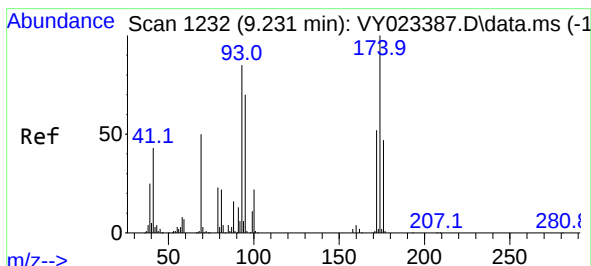
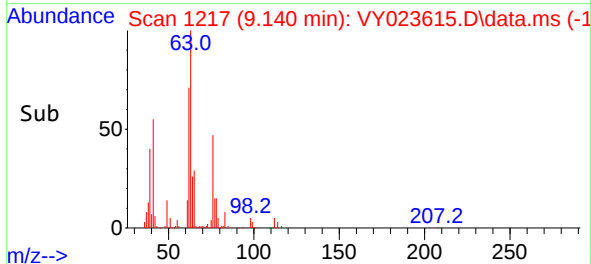
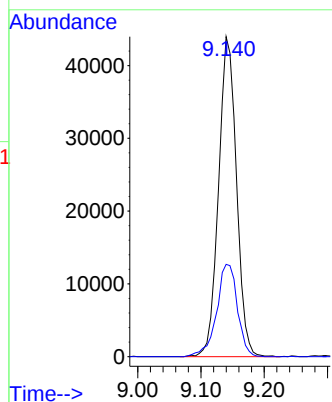
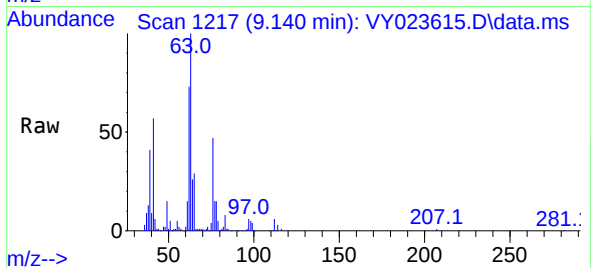




#45
1,2-Dichloropropane
Concen: 43.395 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

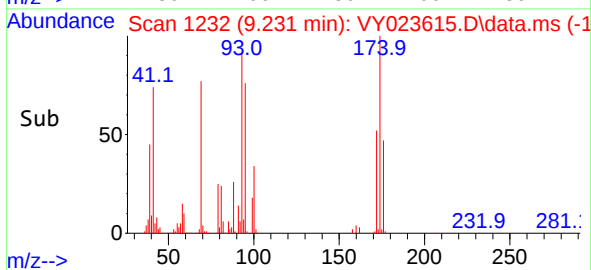
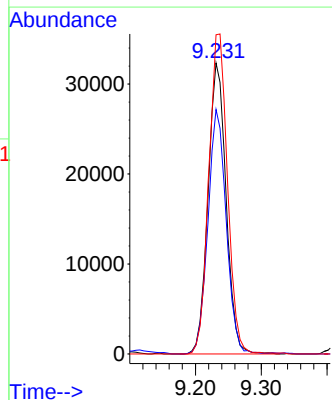
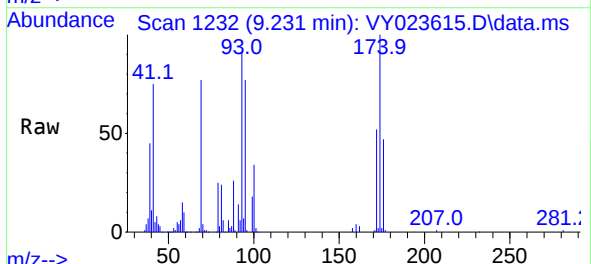
Instrument :
MSVOA_Y
ClientSampleId :

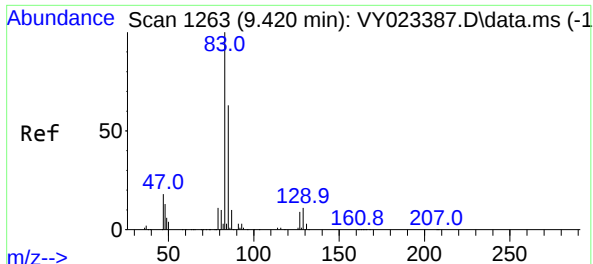
Tgt Ion: 63 Resp: 86339
Ion Ratio Lower Upper
63 100
65 28.9 24.9 37.3



#46
Dibromomethane
Concen: 49.133 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 93 Resp: 61813
Ion Ratio Lower Upper
93 100
95 85.0 65.4 98.0
174 114.0 92.9 139.3





#47

Bromodichloromethane

Concen: 43.236 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

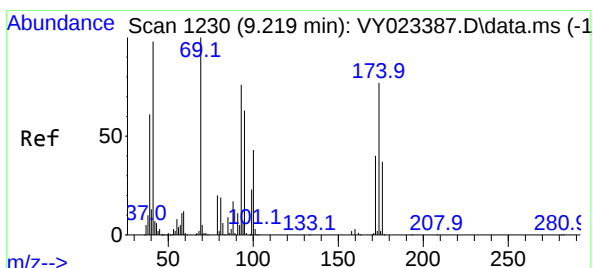
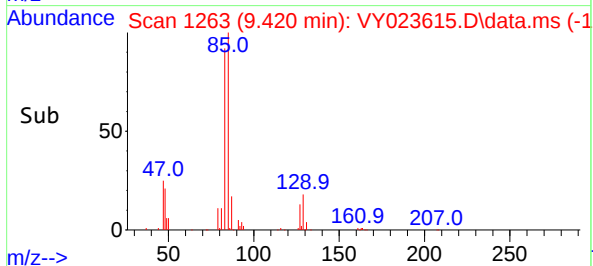
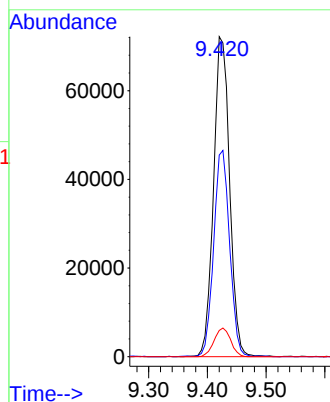
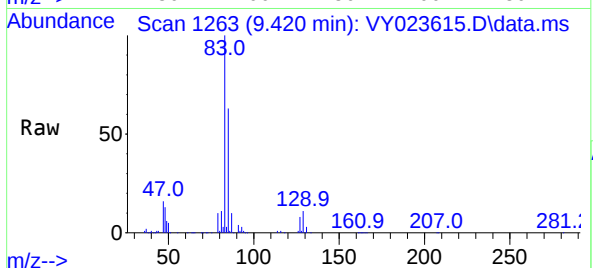
Tgt Ion: 83 Resp: 136995

Ion Ratio Lower Upper

83 100

85 63.0 50.8 76.2

127 8.2 7.4 11.2



#48

Methyl methacrylate

Concen: 59.154 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

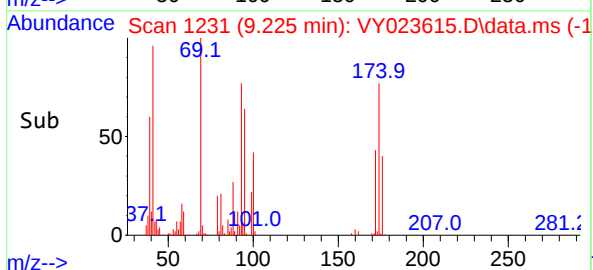
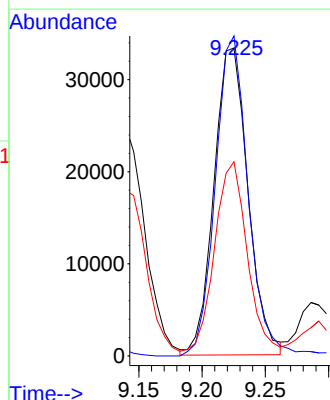
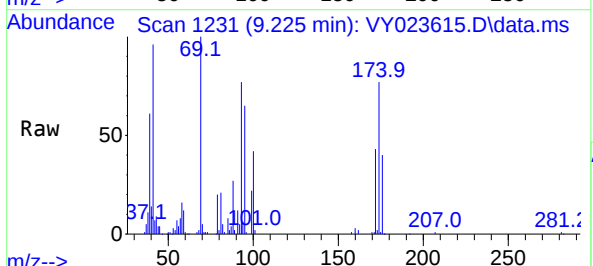
Tgt Ion: 41 Resp: 62443

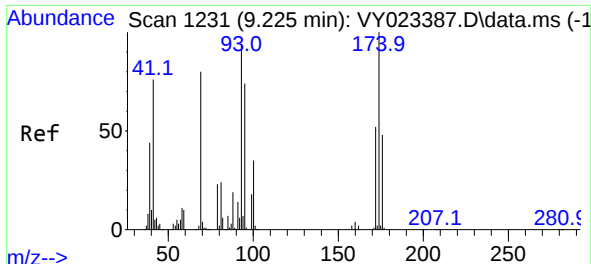
Ion Ratio Lower Upper

41 100

69 100.4 81.0 121.4

39 61.2 48.2 72.4

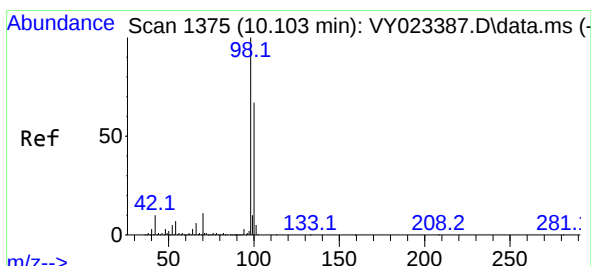
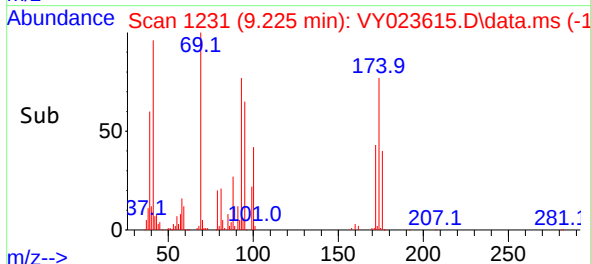
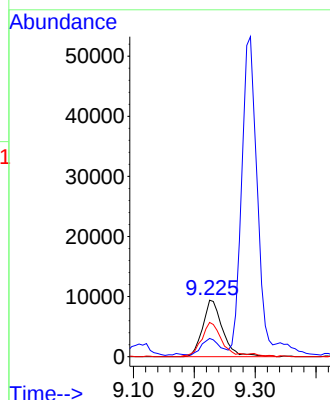
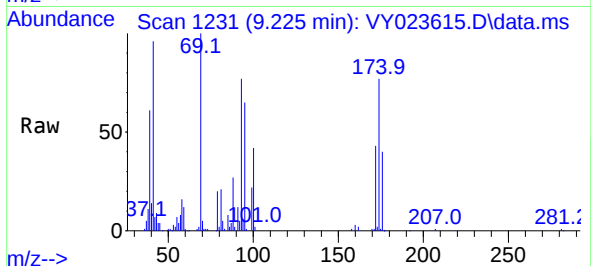




#49
1,4-Dioxane
Concen: 1466.213 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

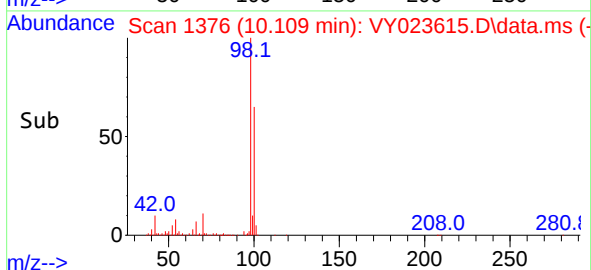
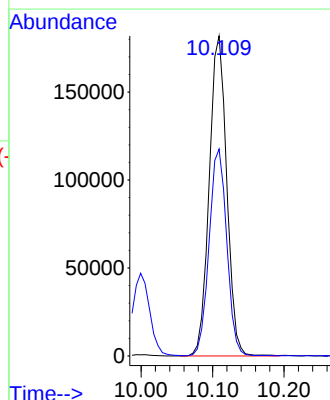
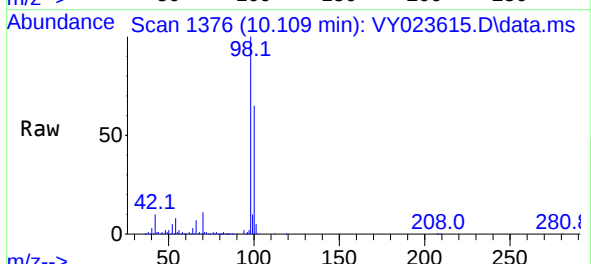
Instrument :
MSVOA_Y
ClientSampleId :

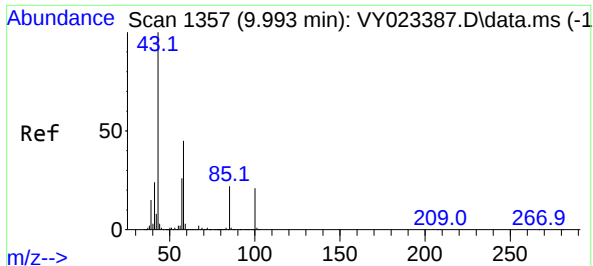
Tgt Ion: 88 Resp: 21387
Ion Ratio Lower Upper
88 100
43 26.2 21.8 32.8
58 60.9 46.8 70.2



#50
Toluene-d8
Concen: 38.620 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 98 Resp: 309005
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4

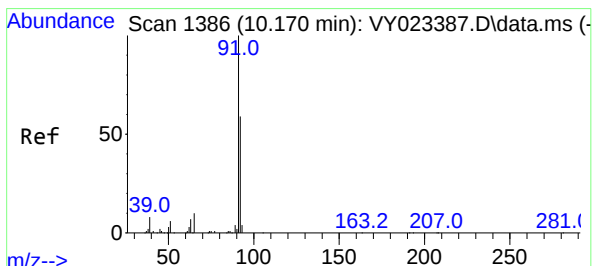
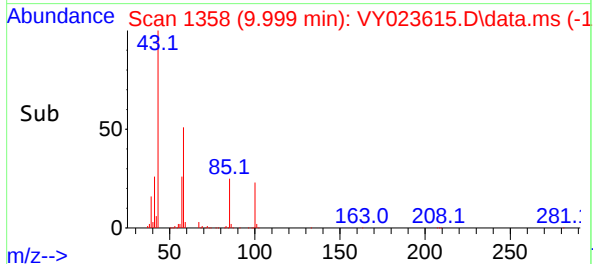
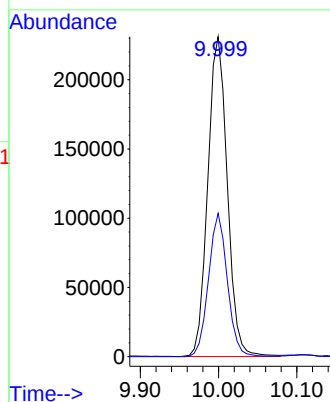
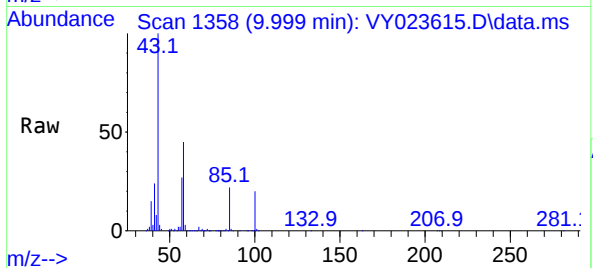




#51
4-Methyl-2-Pentanone
Concen: 343.344 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

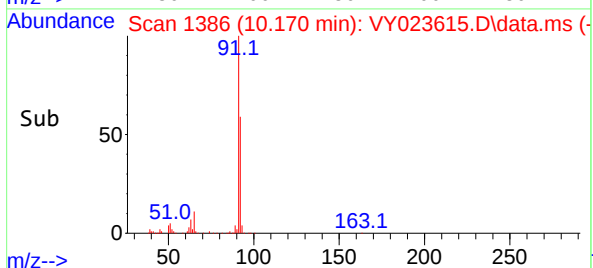
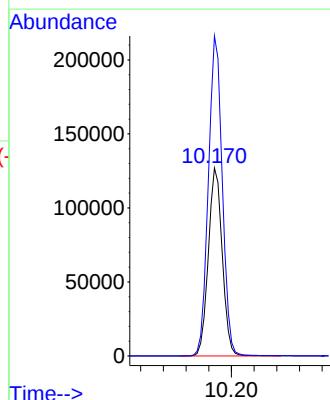
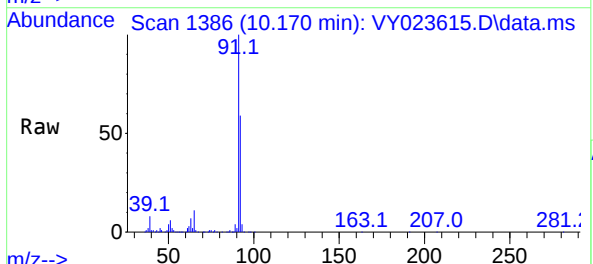
Instrument :
MSVOA_Y
ClientSampleId :

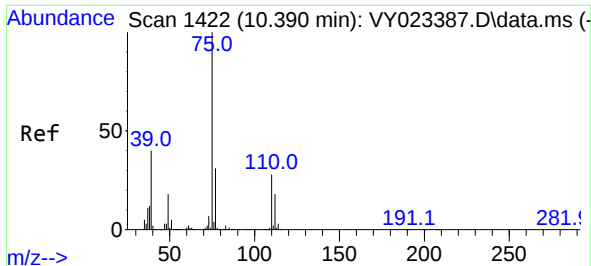
Tgt Ion: 43 Resp: 398597
Ion Ratio Lower Upper
43 100
58 43.3 35.3 52.9



#52
Toluene
Concen: 36.940 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 92 Resp: 216049
Ion Ratio Lower Upper
92 100
91 170.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 39.775 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

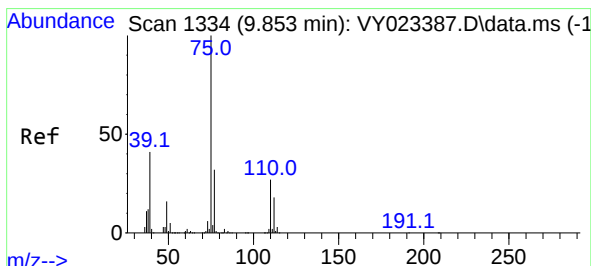
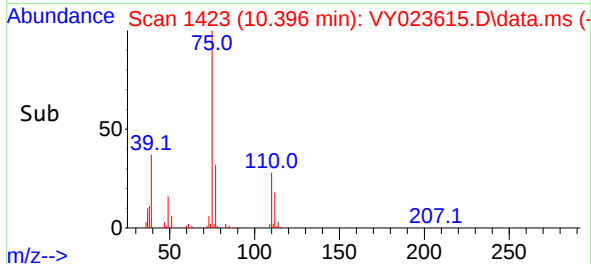
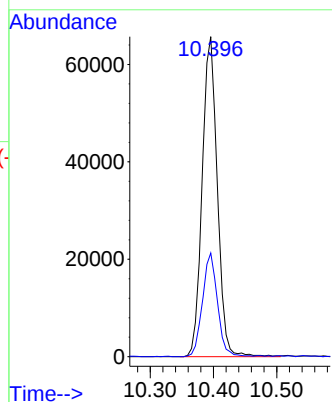
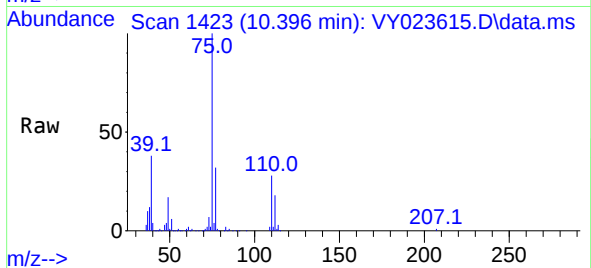
ClientSampleId :

Tgt Ion: 75 Resp: 109584

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 37.219 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

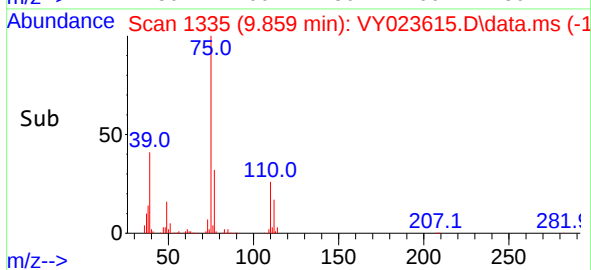
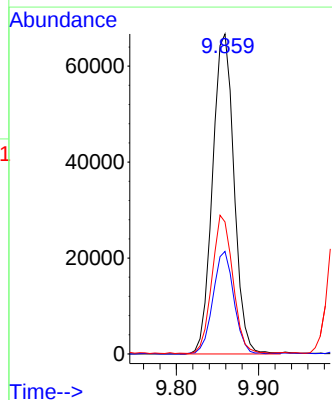
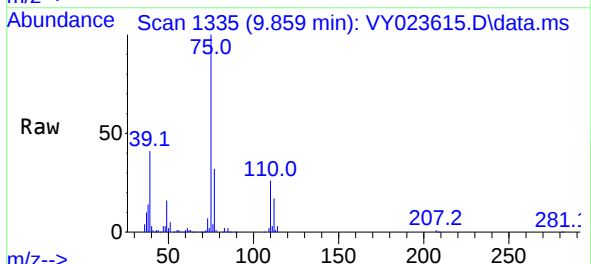
Tgt Ion: 75 Resp: 121022

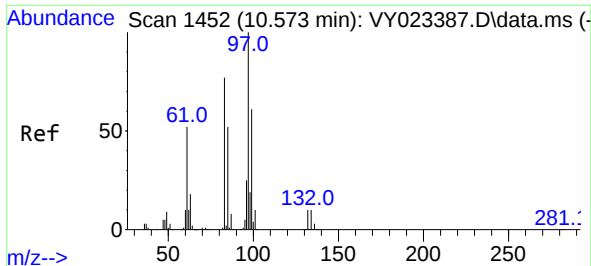
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 41.0 32.8 49.2



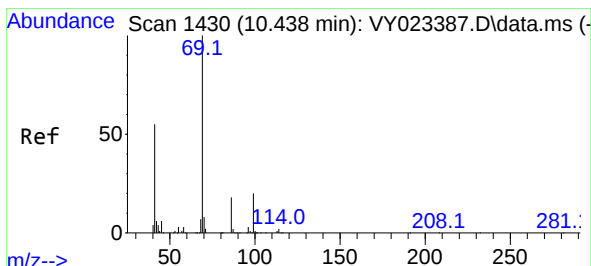
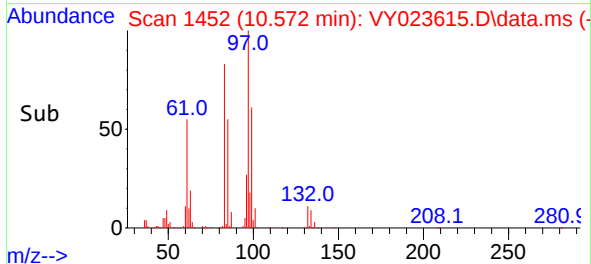
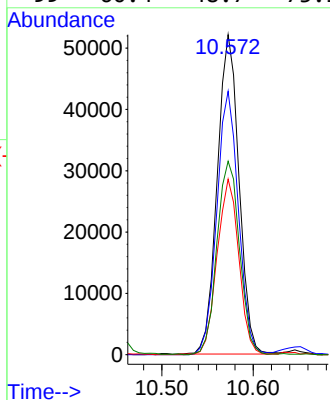
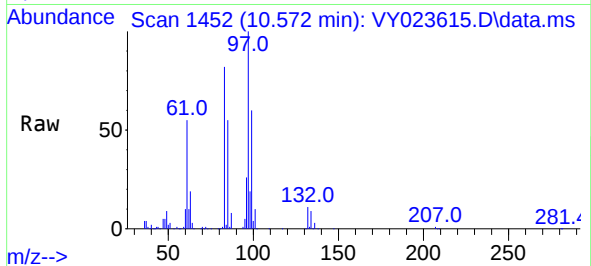


#55
1,1,2-Trichloroethane
Concen: 50.896 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 86106

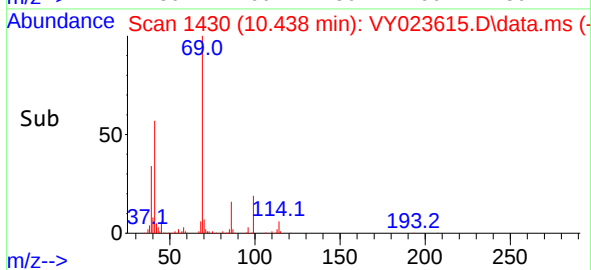
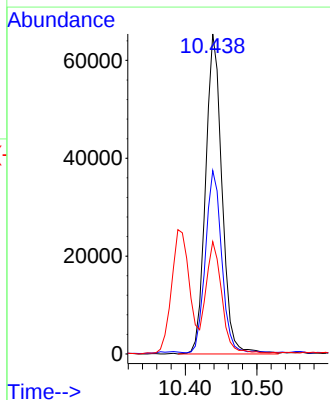
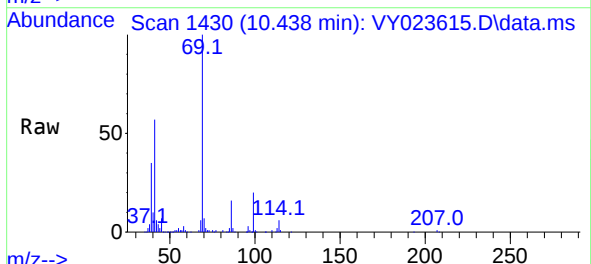
Ion	Ratio	Lower	Upper
97	100		
83	82.5	61.8	92.6
85	55.0	41.3	61.9
99	60.4	48.7	73.1

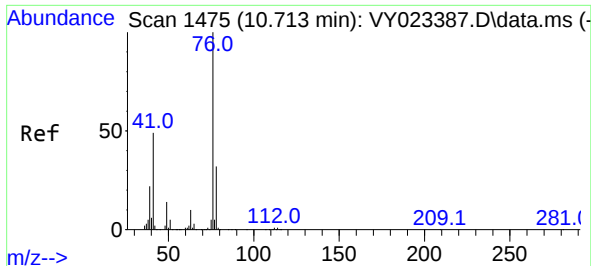


#56
Ethyl methacrylate
Concen: 53.440 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 69 Resp: 104290

Ion	Ratio	Lower	Upper
69	100		
41	56.5	44.6	67.0
39	32.8	27.0	40.4





#57

1,3-Dichloropropane

Concen: 49.419 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

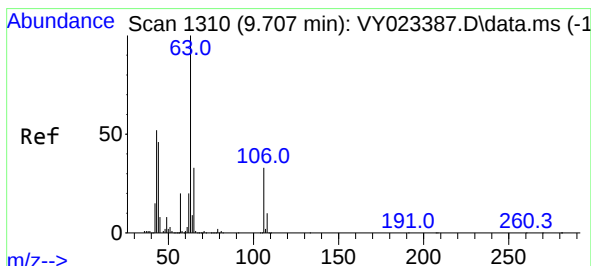
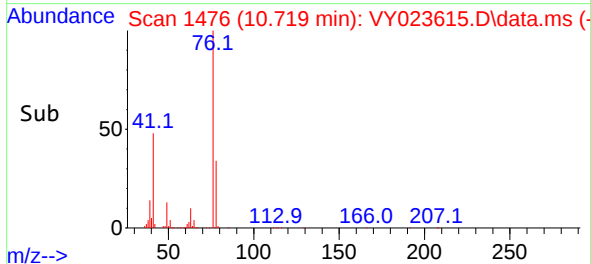
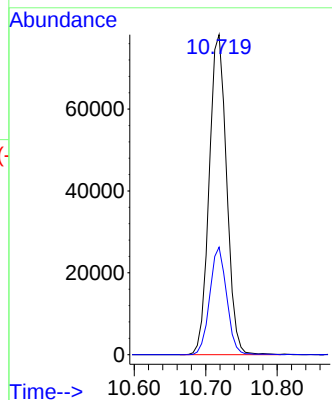
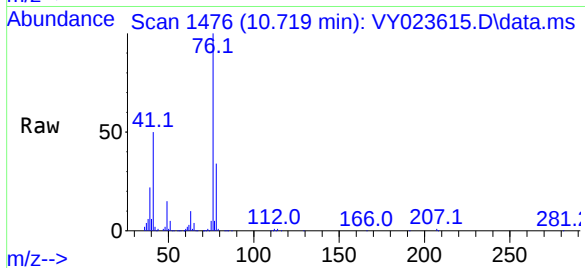
ClientSampleId :

Tgt Ion: 76 Resp: 132485

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 352.078 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023615.D

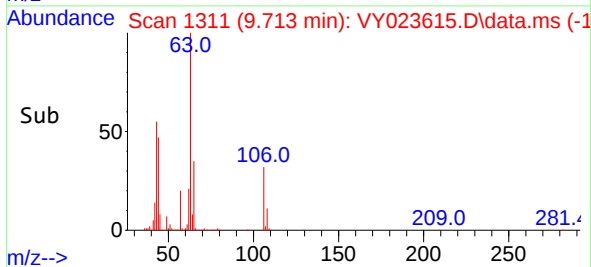
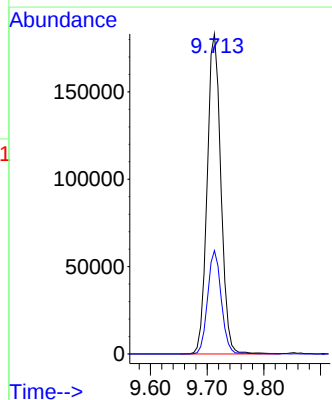
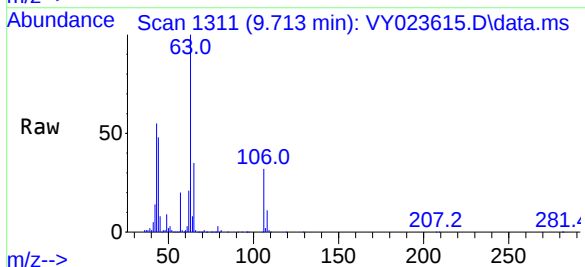
Acq: 29 Oct 2025 11:15

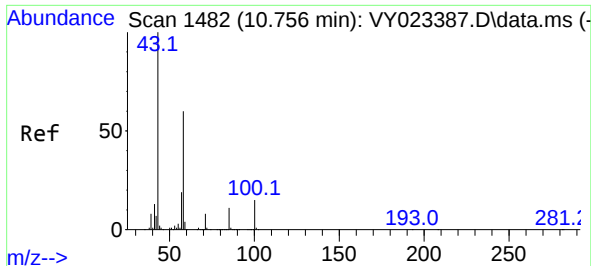
Tgt Ion: 63 Resp: 307797

Ion Ratio Lower Upper

63 100

106 32.1 26.6 39.8

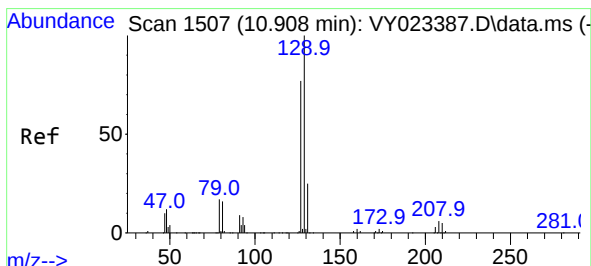
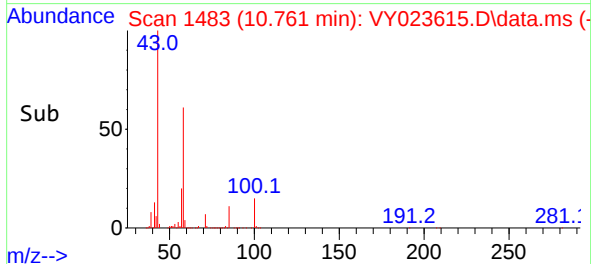
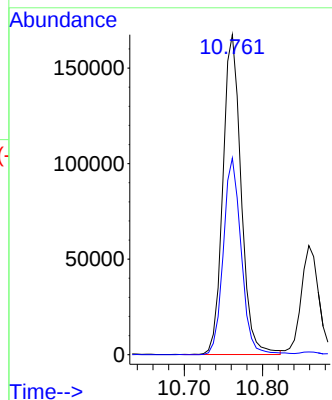
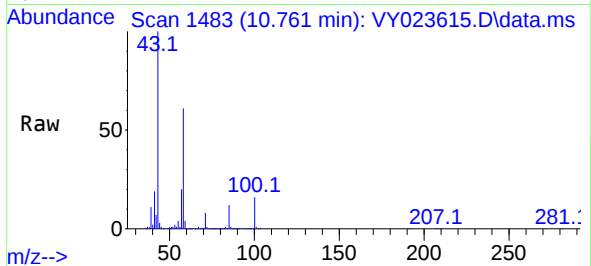




#59
2-Hexanone
Concen: 326.978 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

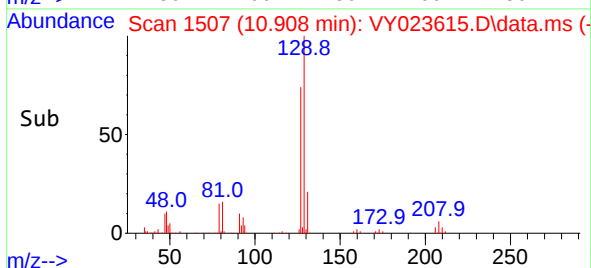
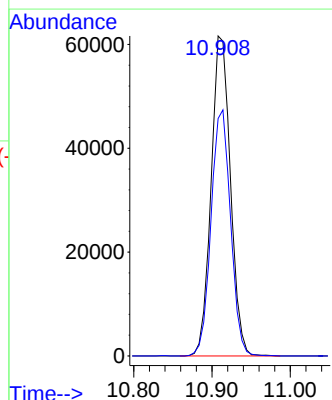
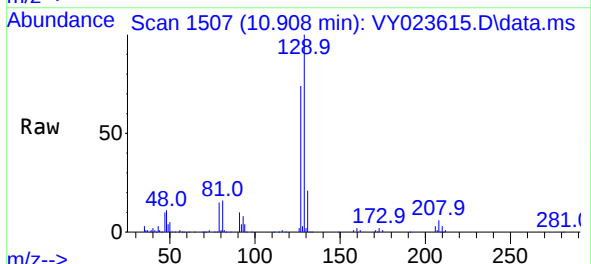
Instrument :
MSVOA_Y
ClientSampleId :

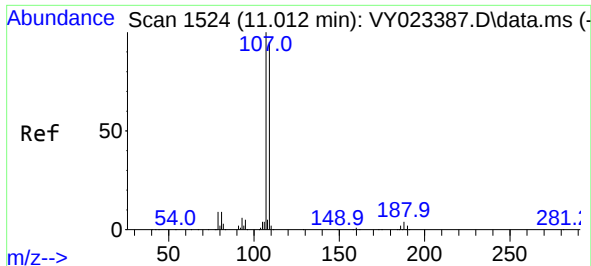
Tgt Ion: 43 Resp: 271277
Ion Ratio Lower Upper
43 100
58 60.2 30.5 91.5



#60
Dibromochloromethane
Concen: 44.445 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 129 Resp: 105421
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

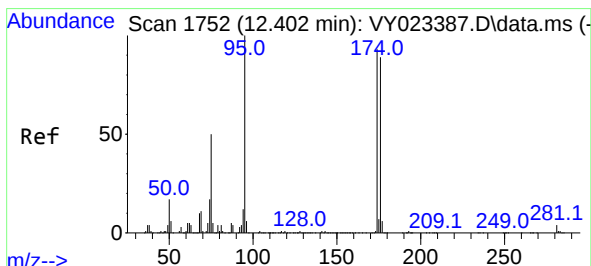
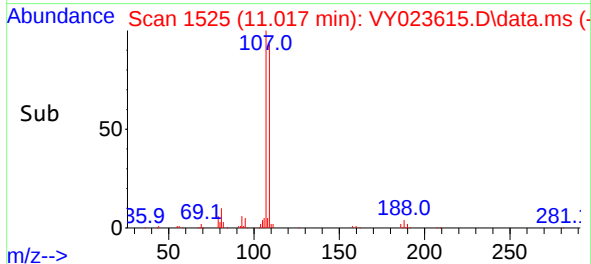
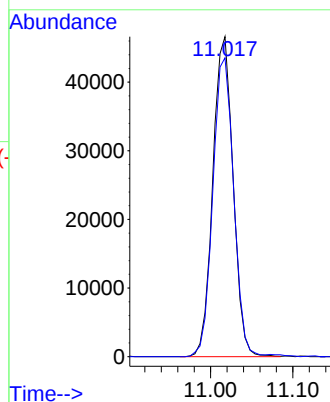
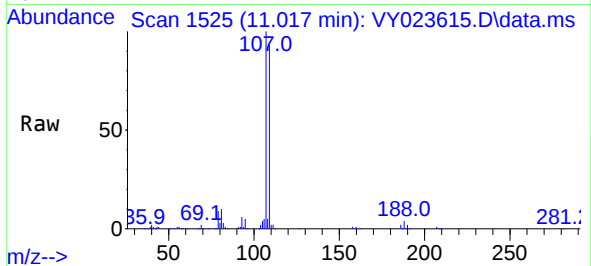




#61
1,2-Dibromoethane
Concen: 49.574 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

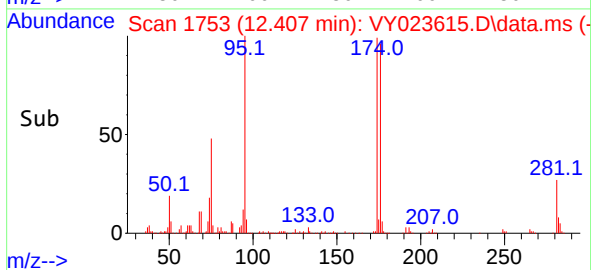
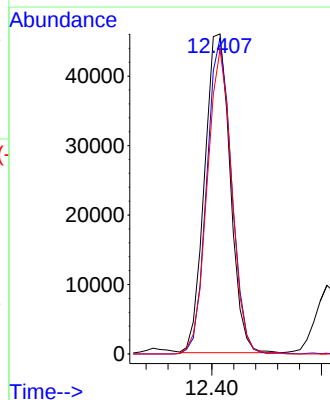
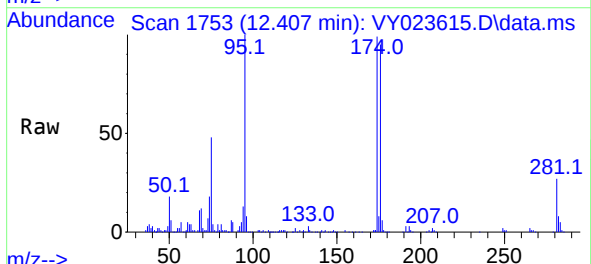
Instrument :
MSVOA_Y
ClientSampleId :

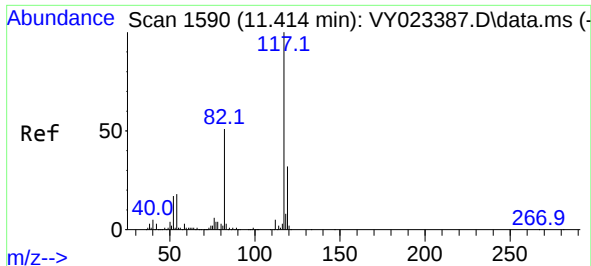
Tgt Ion:107 Resp: 79987
Ion Ratio Lower Upper
107 100
109 95.7 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 28.202 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 95 Resp: 74498
Ion Ratio Lower Upper
95 100
174 95.2 0.0 192.8
176 92.0 0.0 187.6

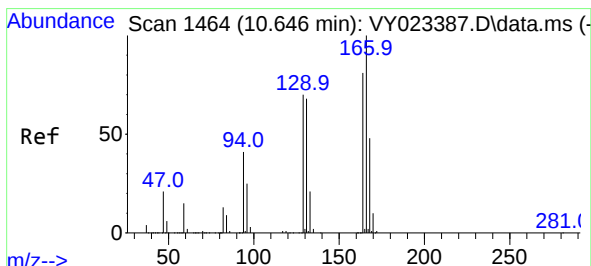
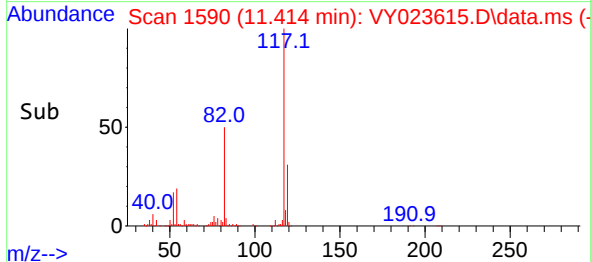
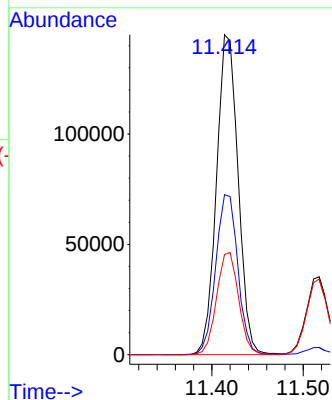
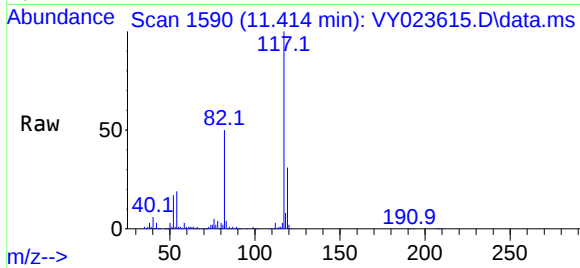




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

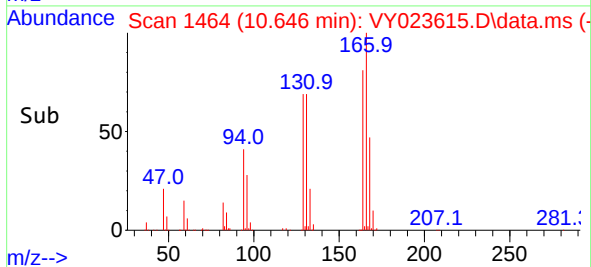
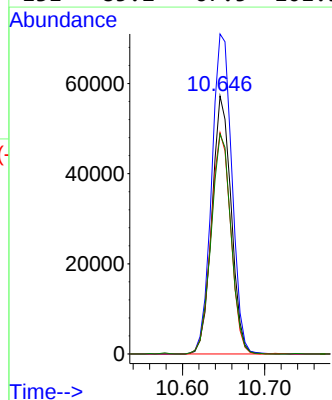
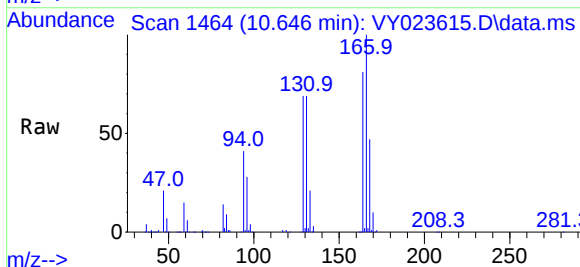
Instrument :
MSVOA_Y
ClientSampleId :

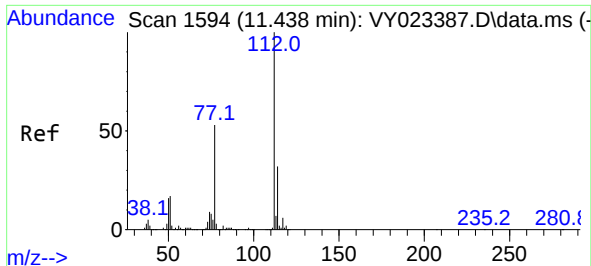
Tgt Ion:117 Resp: 239008
Ion Ratio Lower Upper
117 100
82 50.0 41.0 61.4
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 37.666 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:164 Resp: 92955
Ion Ratio Lower Upper
164 100
166 124.1 99.4 149.0
129 85.8 69.4 104.2
131 85.2 67.5 101.3





#65

Chlorobenzene

Concen: 40.585 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

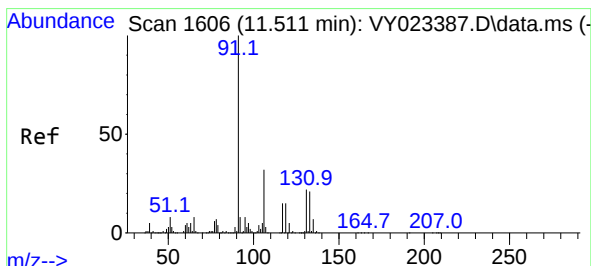
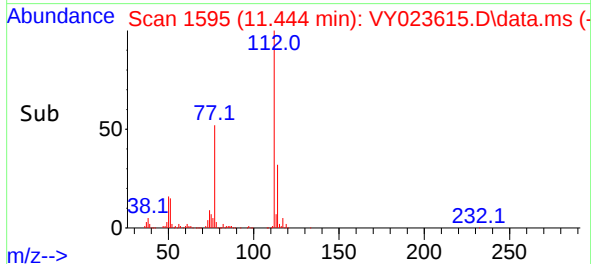
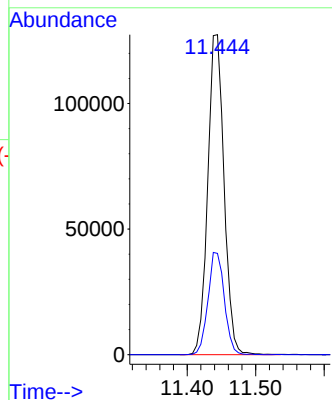
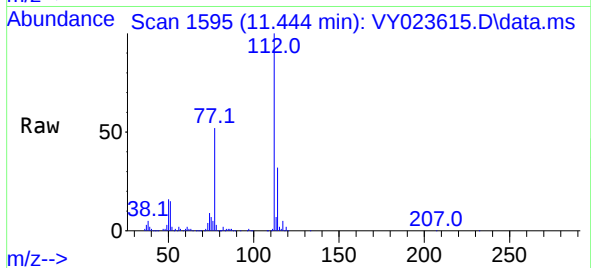
ClientSampleId :

Tgt Ion:112 Resp: 210974

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 46.687 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

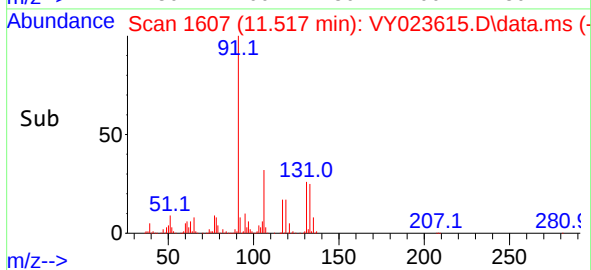
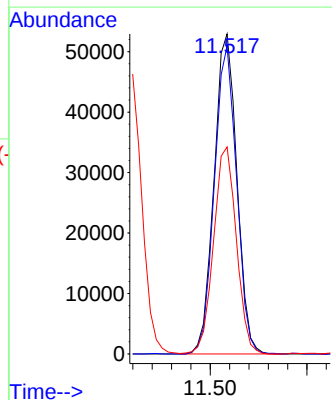
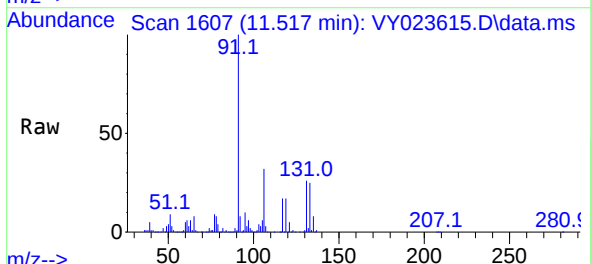
Tgt Ion:131 Resp: 86485

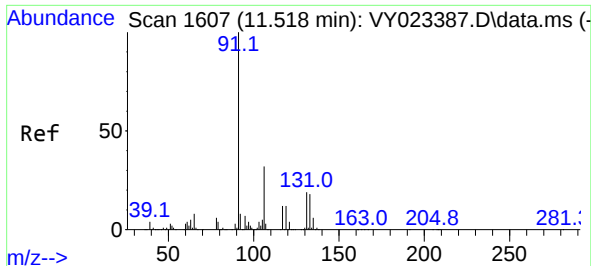
Ion Ratio Lower Upper

131 100

133 93.8 48.4 145.2

119 64.6 32.4 97.2





#67

Ethyl Benzene

Concen: 36.769 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

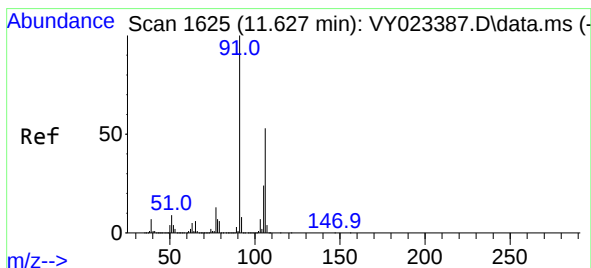
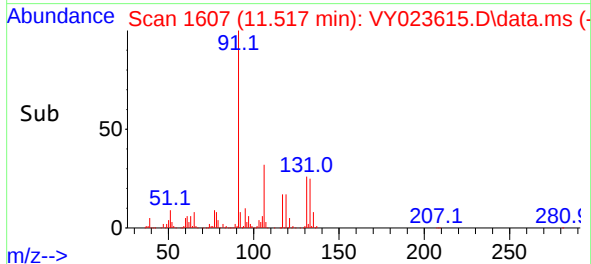
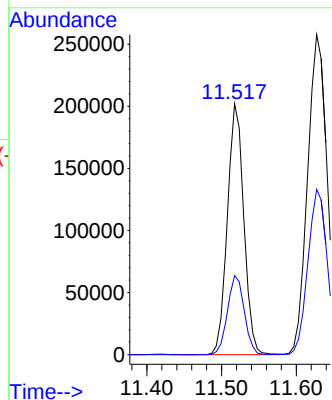
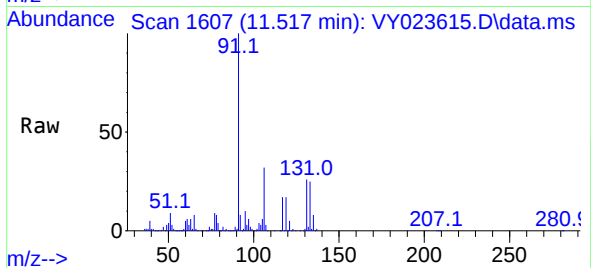
ClientSampleId :

Tgt Ion: 91 Resp: 309393

Ion Ratio Lower Upper

91 100

106 31.5 25.8 38.8



#68

m/p-Xylenes

Concen: 71.064 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023615.D

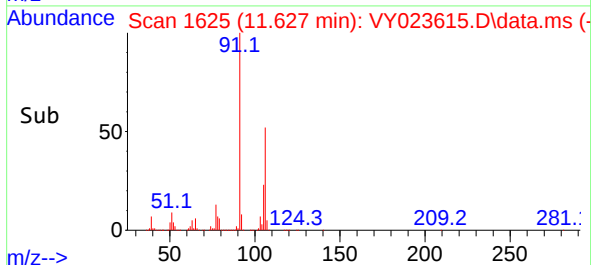
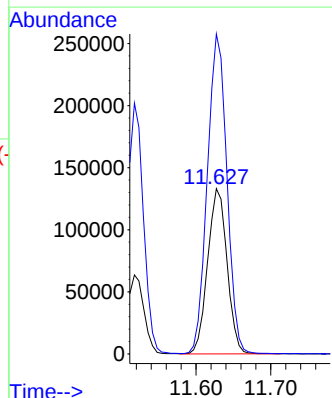
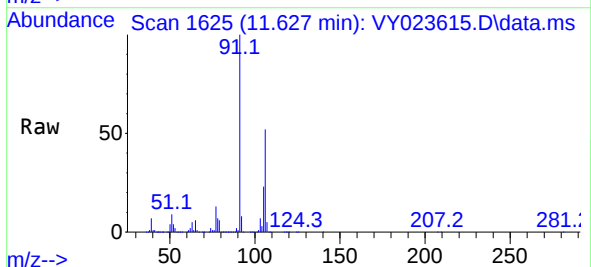
Acq: 29 Oct 2025 11:15

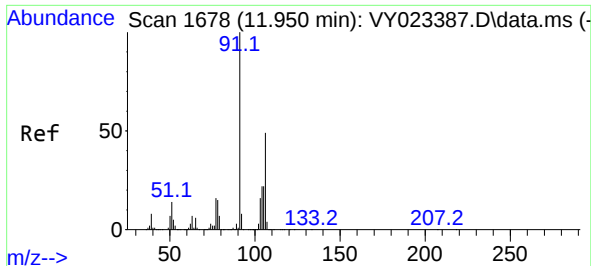
Tgt Ion:106 Resp: 239841

Ion Ratio Lower Upper

106 100

91 195.3 152.6 229.0

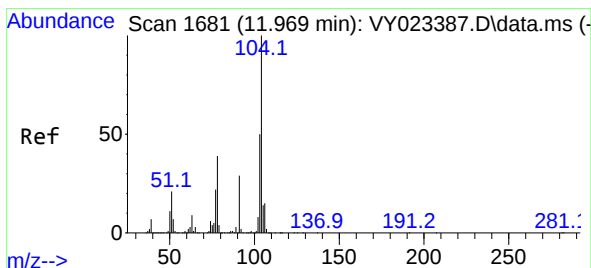
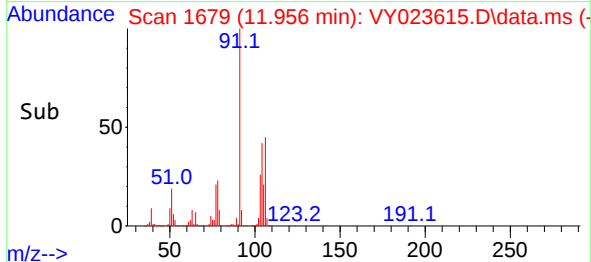
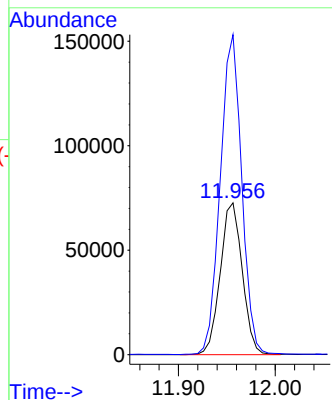
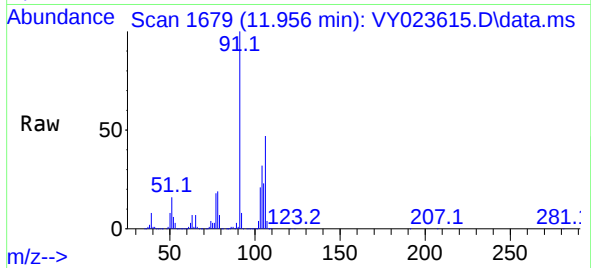




#69
o-Xylene
Concen: 36.194 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

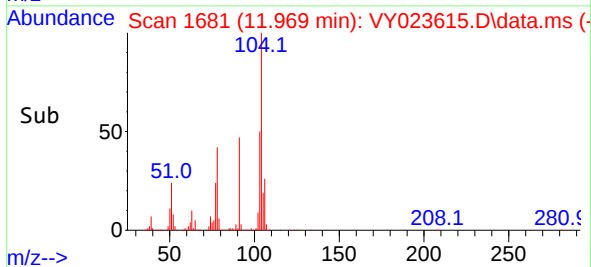
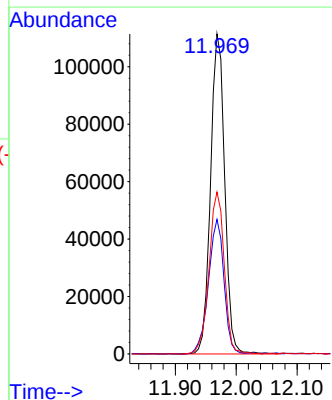
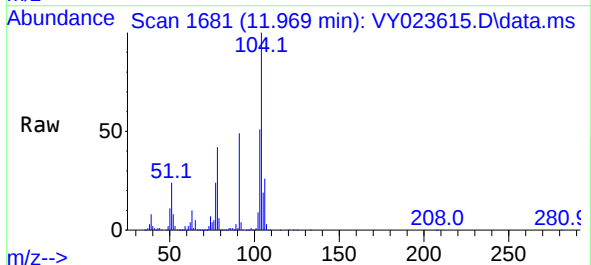
Instrument :
MSVOA_Y
ClientSampleId :

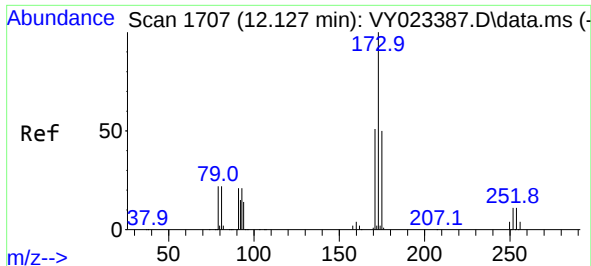
Tgt Ion:106 Resp: 114577
Ion Ratio Lower Upper
106 100
91 205.6 101.4 304.1



#70
Styrene
Concen: 34.611 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:104 Resp: 180176
Ion Ratio Lower Upper
104 100
78 46.1 36.1 54.1
103 54.2 43.2 64.8

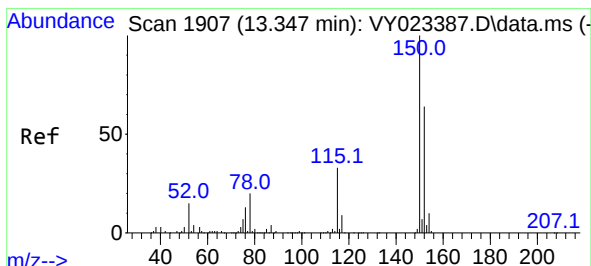
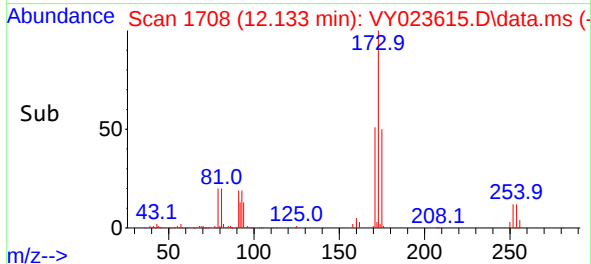
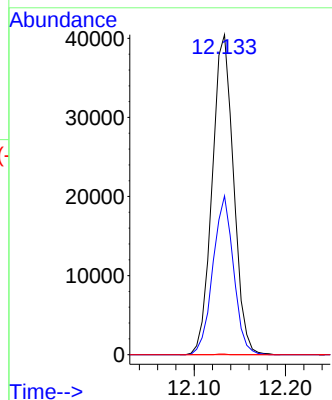
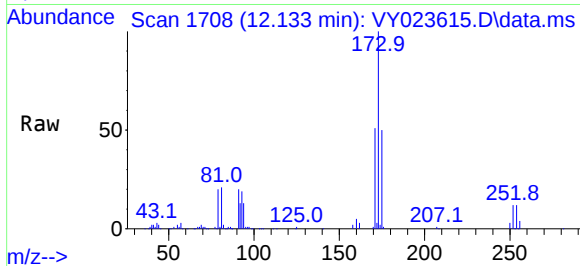




#71
Bromoform
Concen: 57.112 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

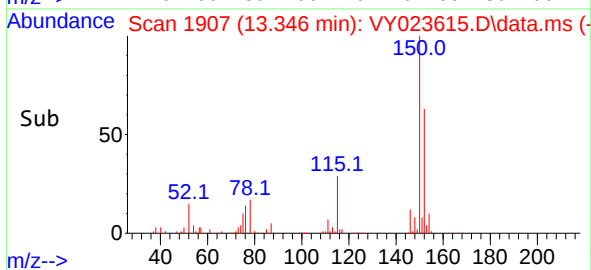
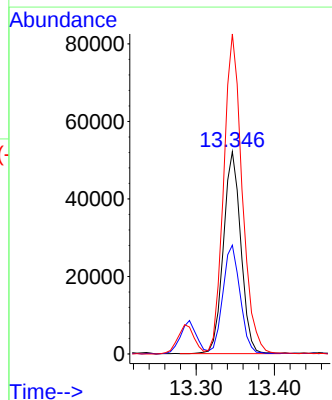
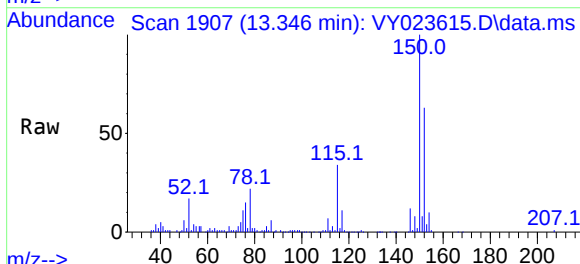
Instrument :
MSVOA_Y
ClientSampleId :

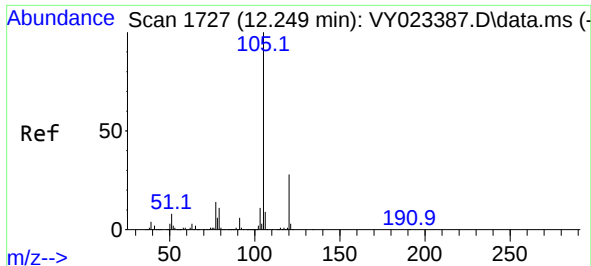
Tgt Ion:173 Resp: 65625
Ion Ratio Lower Upper
173 100
175 48.1 24.8 74.3
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:152 Resp: 80772
Ion Ratio Lower Upper
152 100
115 52.9 27.1 81.2
150 168.1 0.0 347.4

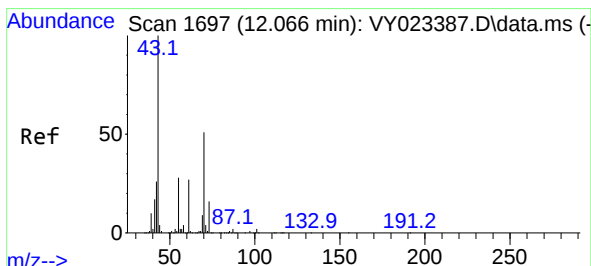
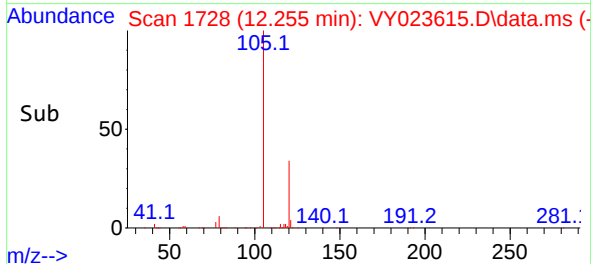
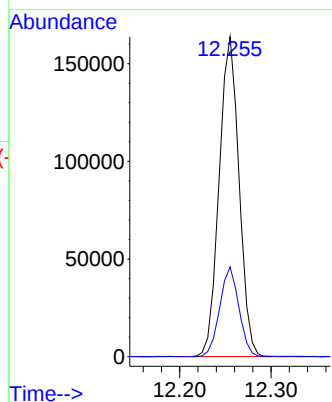
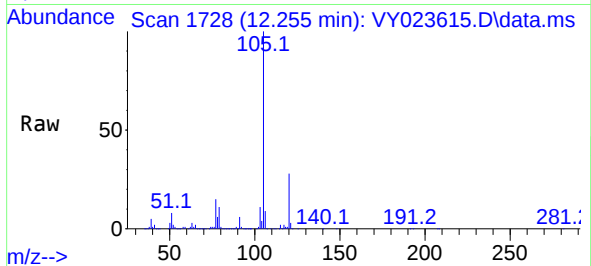




#73
Isopropylbenzene
Concen: 46.547 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

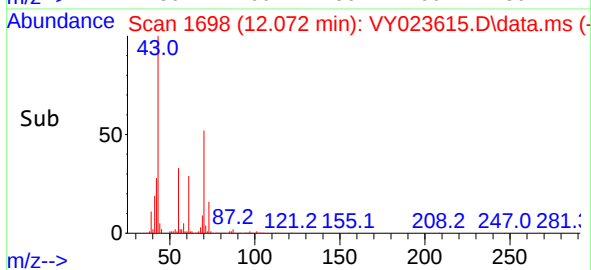
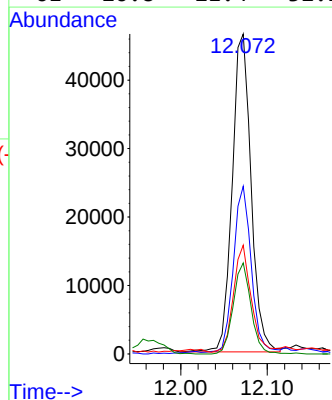
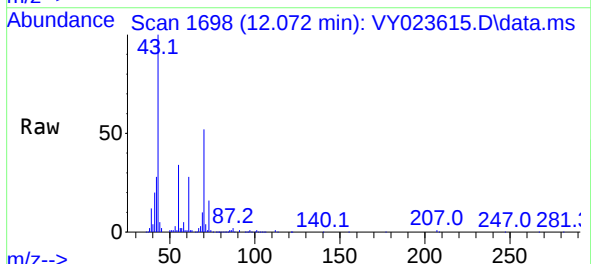
Instrument :
MSVOA_Y
ClientSampleId :

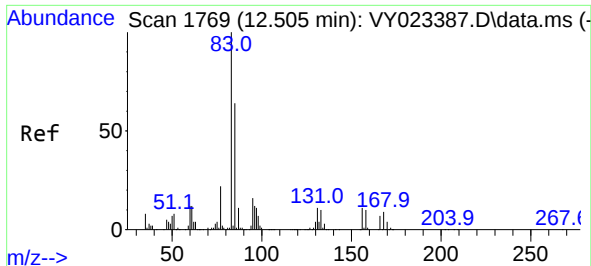
Tgt Ion:105 Resp: 247766
Ion Ratio Lower Upper
105 100
120 27.0 13.9 41.7



#74
N-ethyl acetate
Concen: 73.690 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 43 Resp: 70454
Ion Ratio Lower Upper
43 100
70 49.0 41.1 61.7
55 31.3 23.0 34.6
61 26.8 21.4 32.2

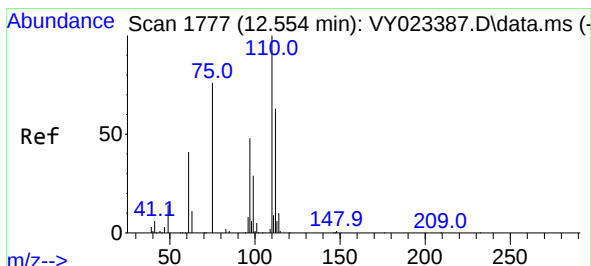
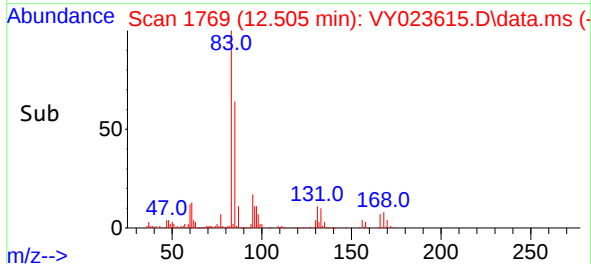
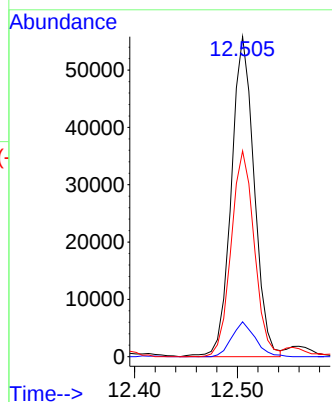
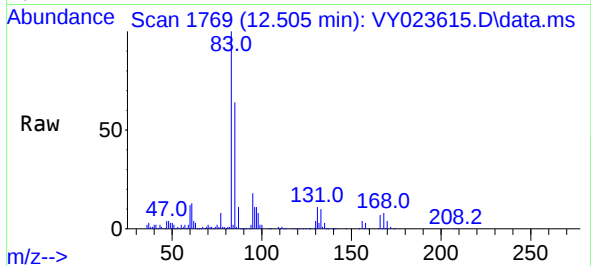




#75
1,1,2,2-Tetrachloroethane
Concen: 99.426 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

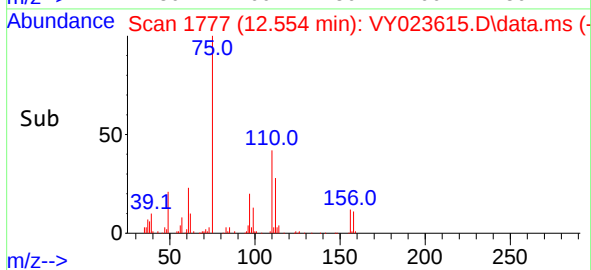
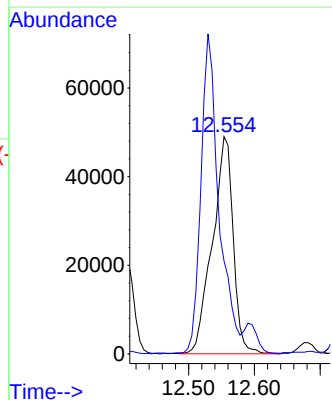
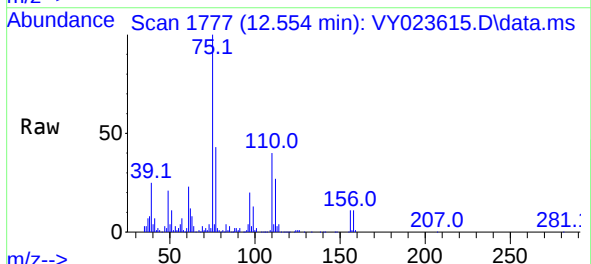
Instrument :
MSVOA_Y
ClientSampleId :

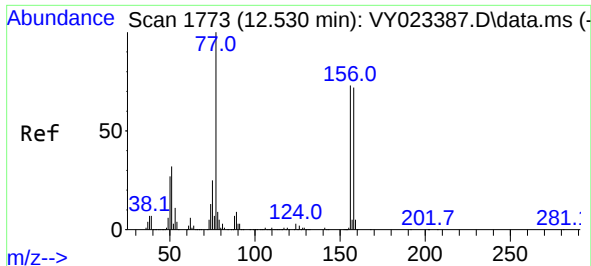
Tgt Ion: 83 Resp: 86561
Ion Ratio Lower Upper
83 100
131 11.1 5.9 17.6
85 65.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 151.501 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 75 Resp: 107963
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

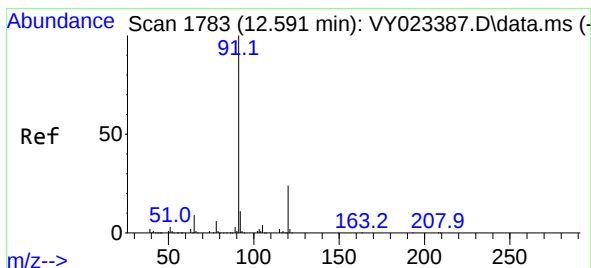
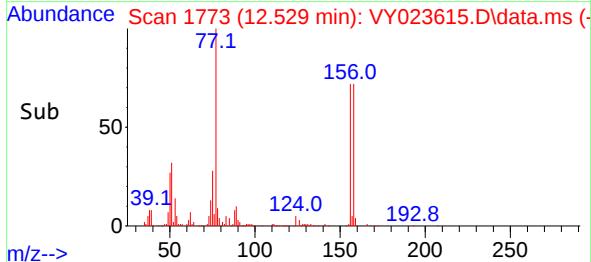
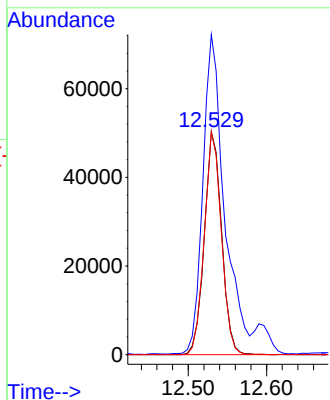
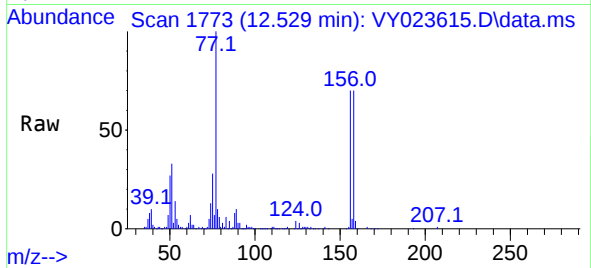




#77
Bromobenzene
Concen: 54.394 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

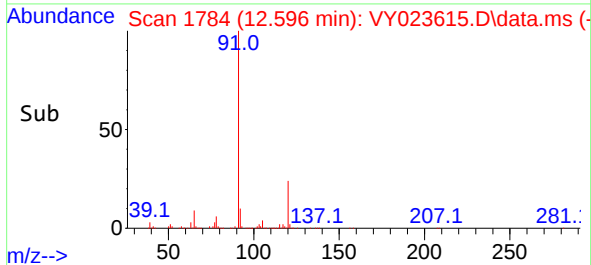
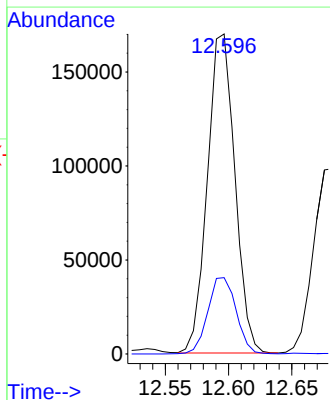
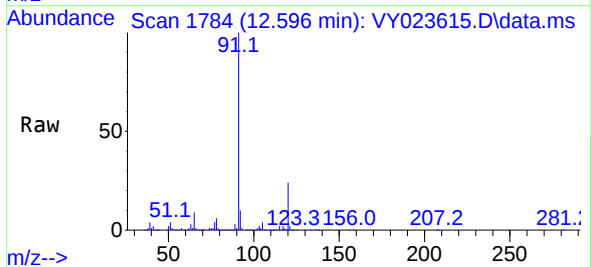
Instrument :
MSVOA_Y
ClientSampleId :

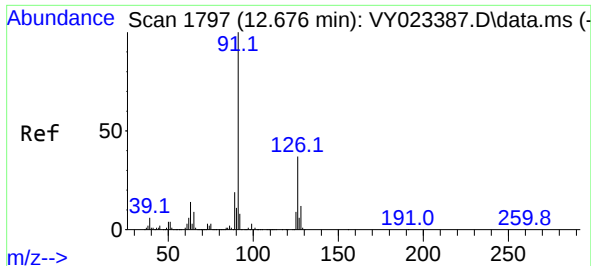
Tgt Ion:156 Resp: 76974
Ion Ratio Lower Upper
156 100
77 177.2 76.8 230.5
158 98.7 49.0 147.2



#78
n-propylbenzene
Concen: 41.652 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 91 Resp: 256570
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8

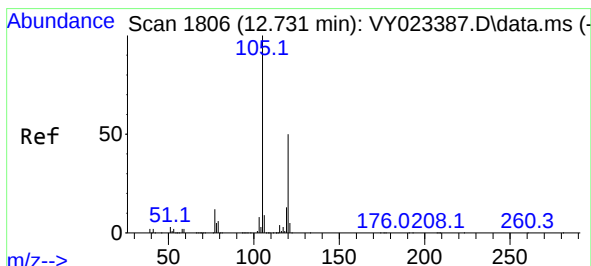
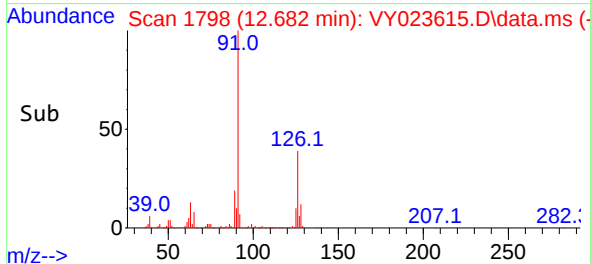
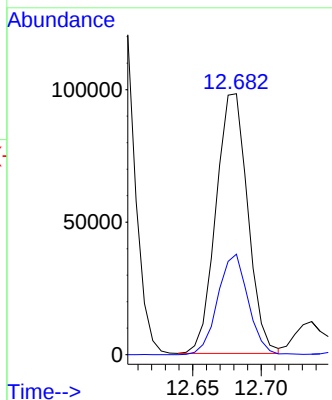
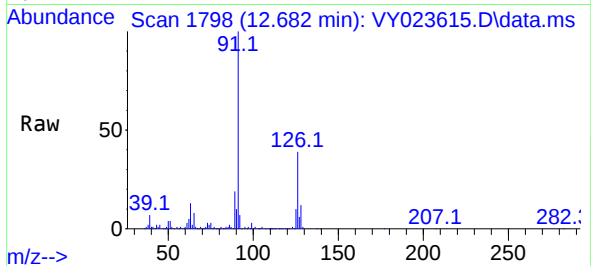




#79
2-Chlorotoluene
Concen: 43.947 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

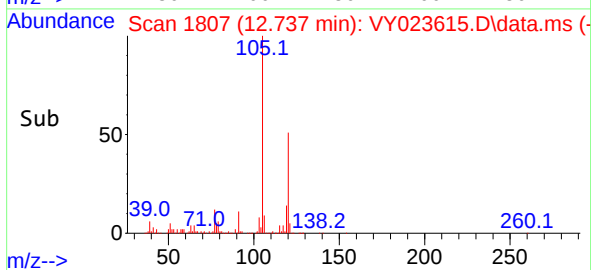
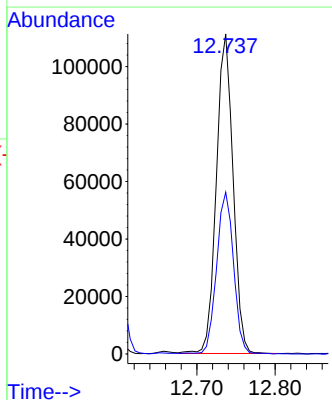
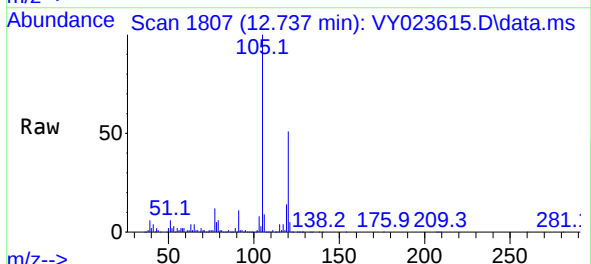
Instrument :
MSVOA_Y
ClientSampleId :

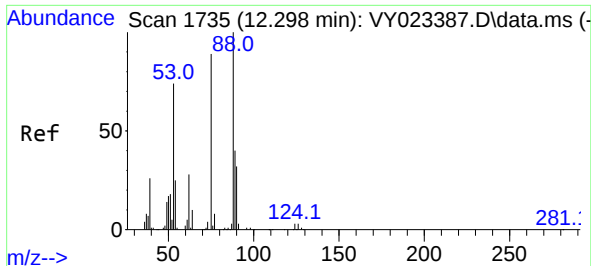
Tgt Ion: 91 Resp: 158522
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 38.405 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 105 Resp: 165193
Ion Ratio Lower Upper
105 100
120 51.4 25.4 76.4

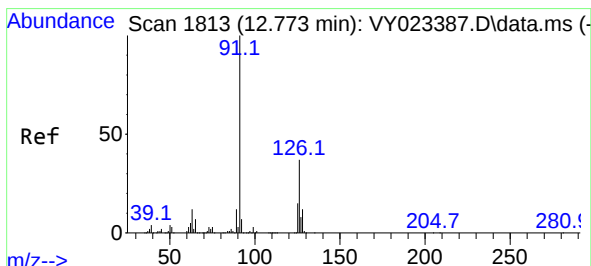
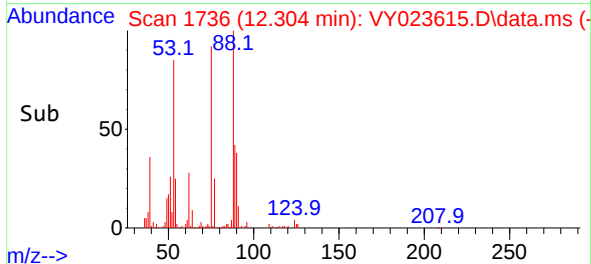
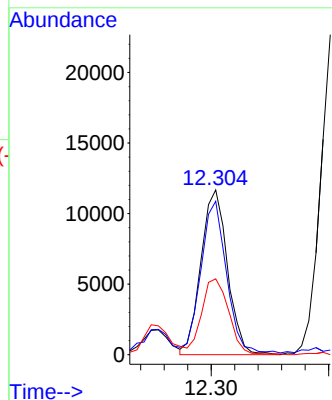
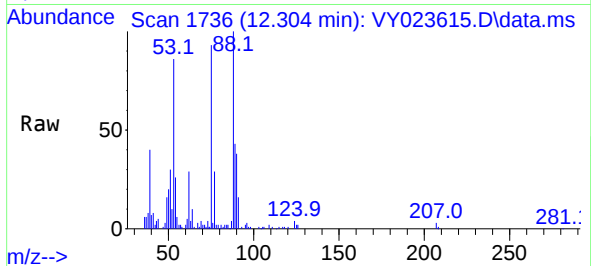




#81
trans-1,4-Dichloro-2-butene
Concen: 63.116 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

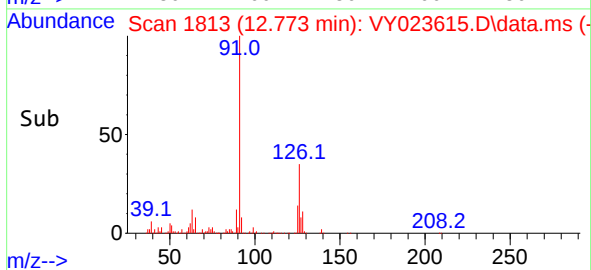
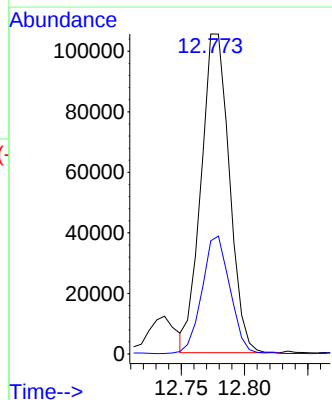
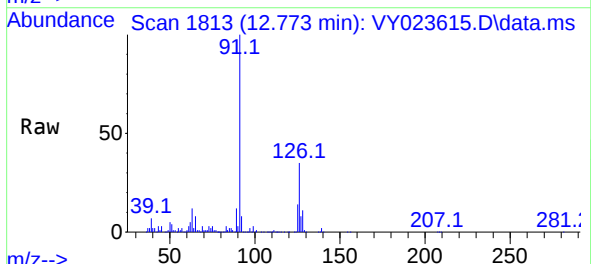
Instrument :
MSVOA_Y
ClientSampleId :

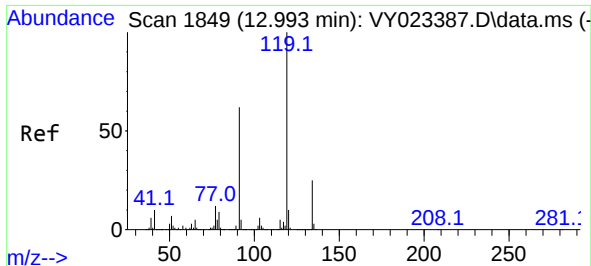
Tgt Ion: 75 Resp: 18342
Ion Ratio Lower Upper
75 100
53 88.7 68.6 102.8
89 46.7 39.0 58.4



#82
4-Chlorotoluene
Concen: 44.138 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 91 Resp: 163969
Ion Ratio Lower Upper
91 100
126 36.7 18.4 55.4

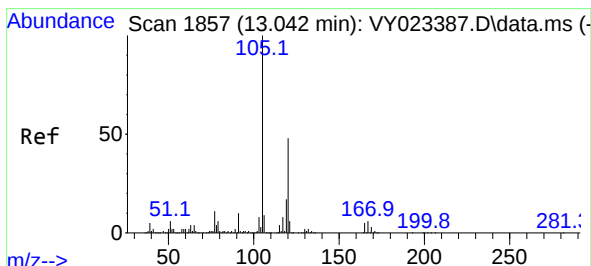
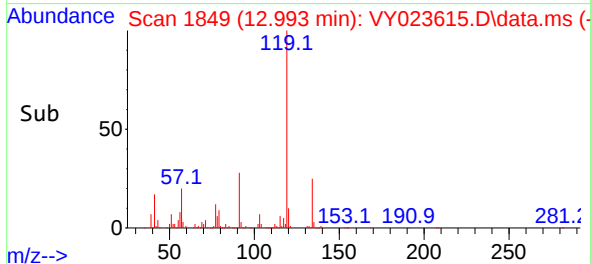
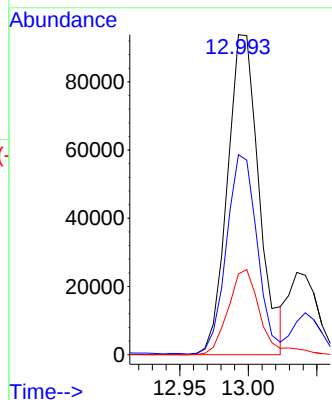
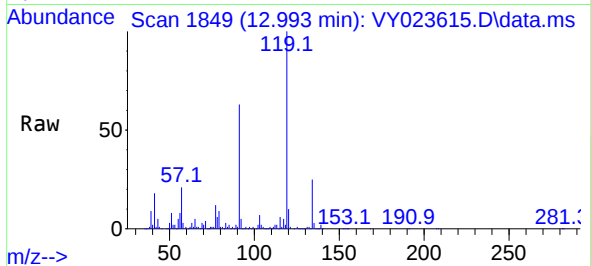




#83
tert-Butylbenzene
Concen: 38.059 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

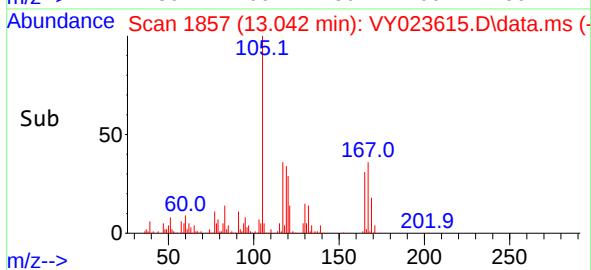
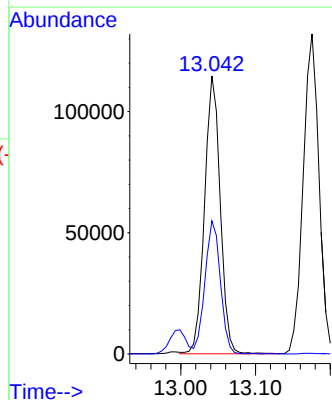
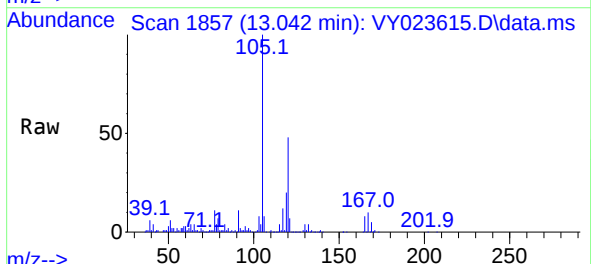
Instrument :
MSVOA_Y
ClientSampleId :

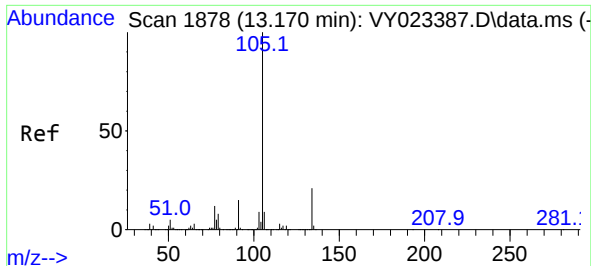
Tgt Ion:119 Resp: 151151
Ion Ratio Lower Upper
119 100
91 60.4 29.9 89.8
134 27.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 38.865 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:105 Resp: 166835
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.2

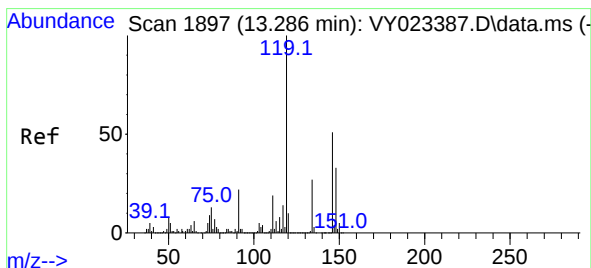
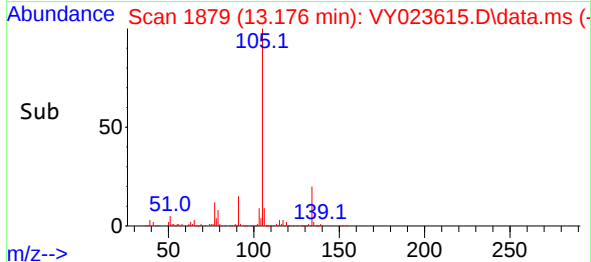
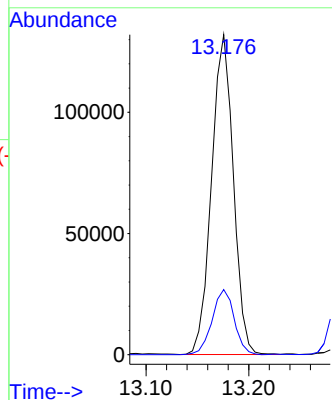
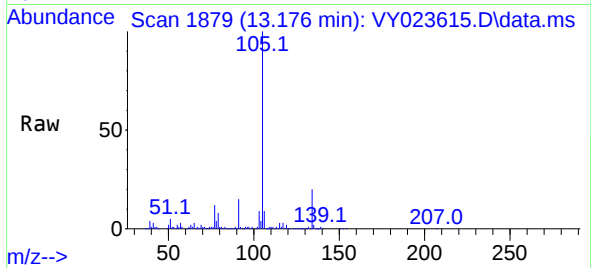




#85
sec-Butylbenzene
Concen: 34.003 ug/l
RT: 13.176 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

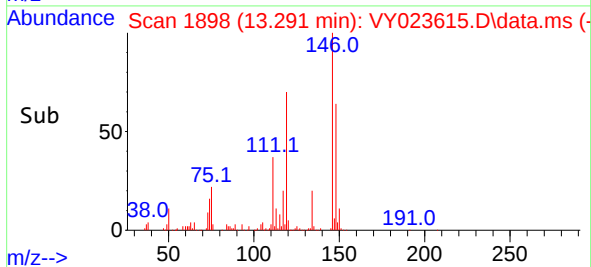
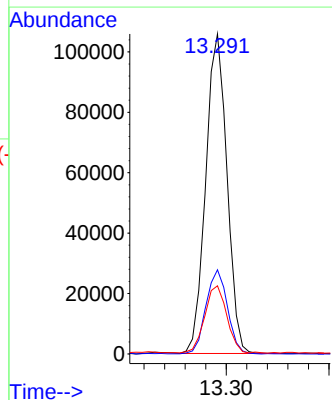
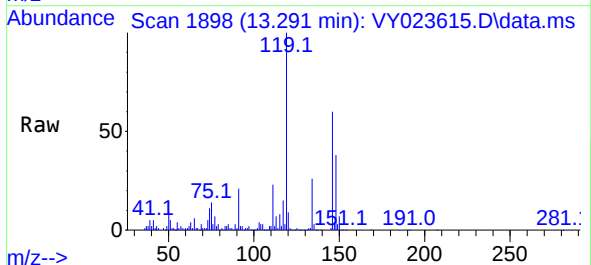
Instrument :
MSVOA_Y
ClientSampleId :

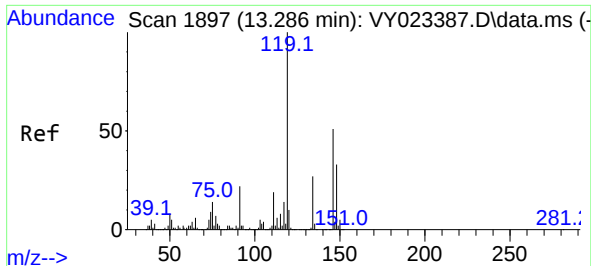
Tgt Ion:105 Resp: 193717
Ion Ratio Lower Upper
105 100
134 20.7 10.7 32.1



#86
p-Isopropyltoluene
Concen: 31.311 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:119 Resp: 151875
Ion Ratio Lower Upper
119 100
134 26.6 13.6 40.7
91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 38.653 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

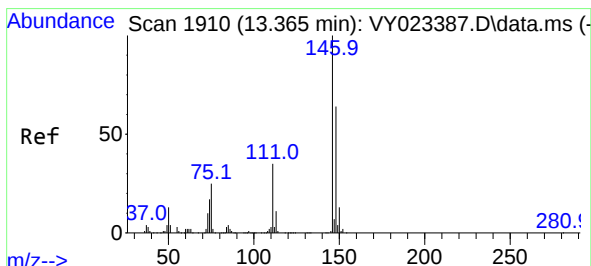
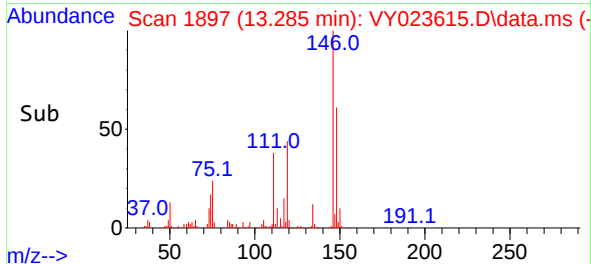
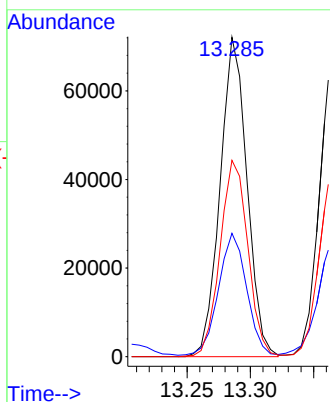
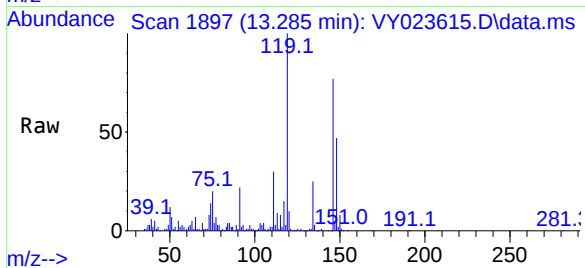
Tgt Ion:146 Resp: 106514

Ion Ratio Lower Upper

146 100

111 39.7 18.7 56.1

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 40.052 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

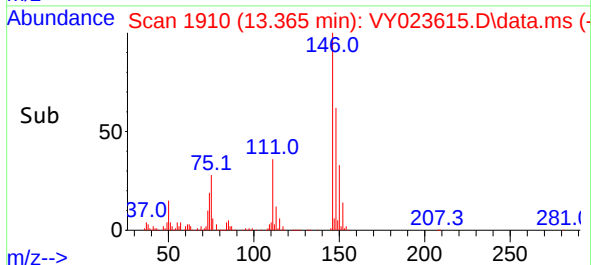
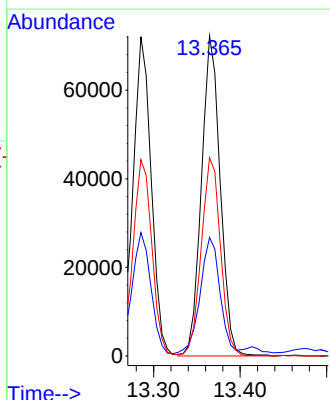
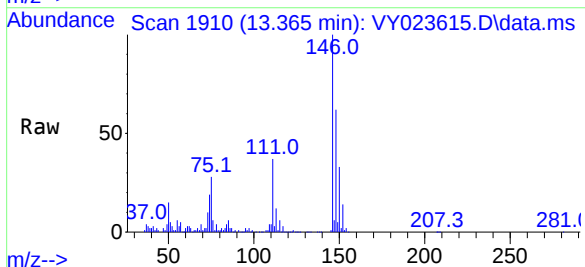
Tgt Ion:146 Resp: 109007

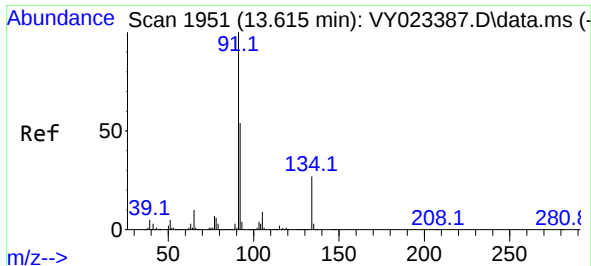
Ion Ratio Lower Upper

146 100

111 39.0 18.0 54.0

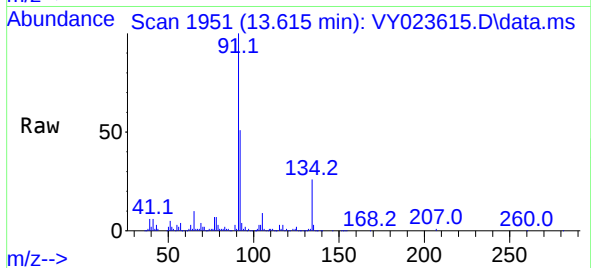
148 63.0 31.9 95.7



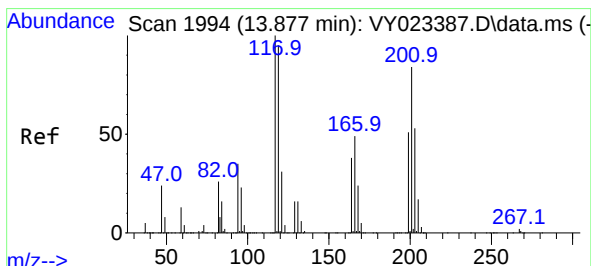
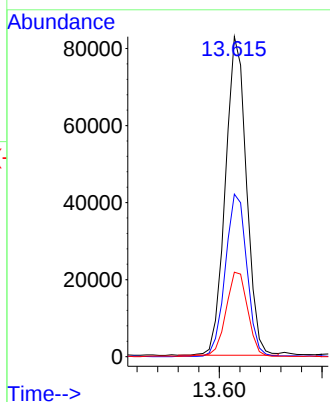
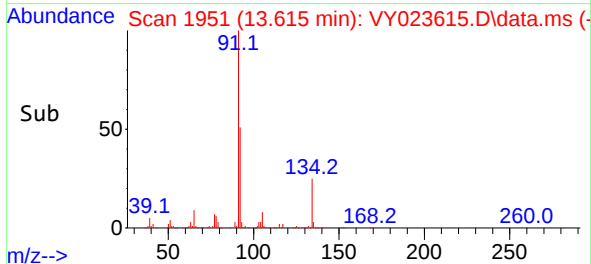


#89
n-Butylbenzene
Concen: 27.843 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

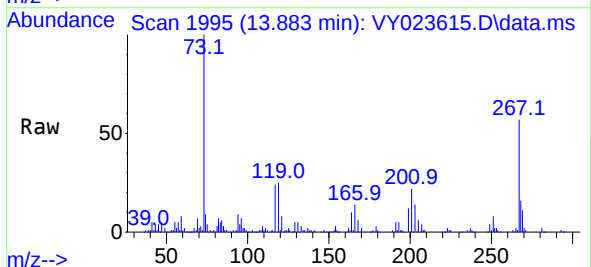
Instrument :
MSVOA_Y
ClientSampleId :



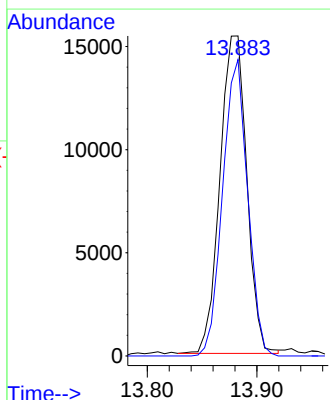
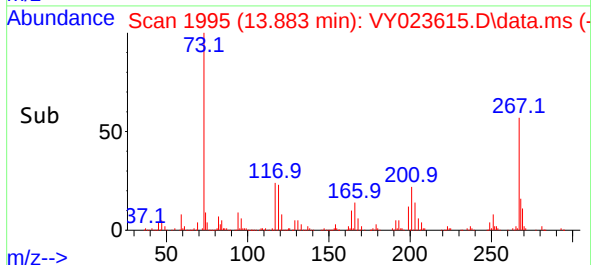
Tgt Ion: 91 Resp: 117679
Ion Ratio Lower Upper
91 100
92 52.6 27.0 80.8
134 27.5 14.1 42.2

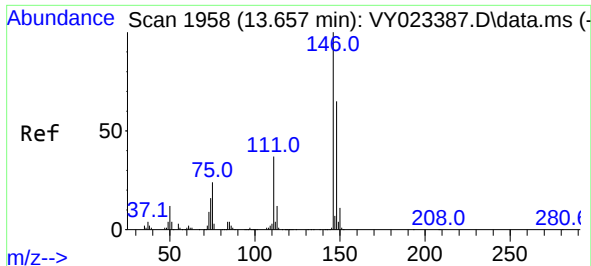


#90
Hexachloroethane
Concen: 25.065 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



Tgt Ion: 117 Resp: 26150
Ion Ratio Lower Upper
117 100
201 86.8 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 41.325 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023615.D

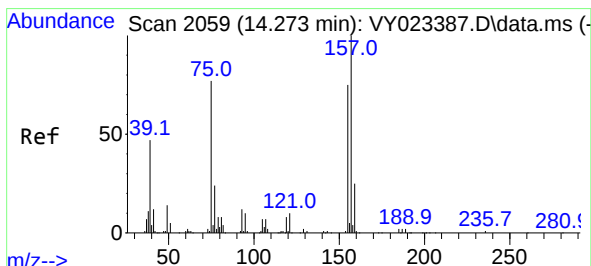
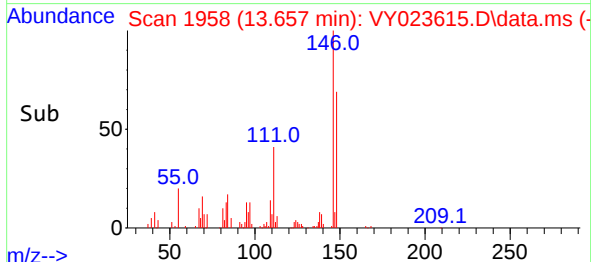
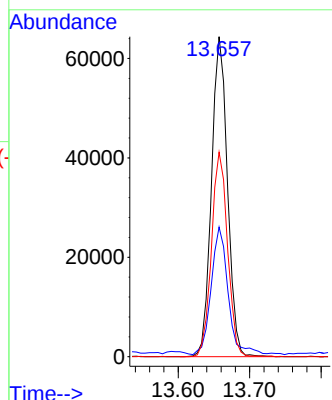
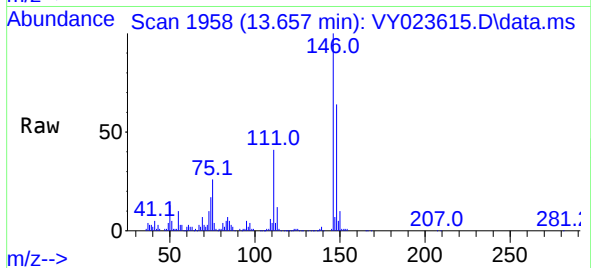
Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	99840
Ion Ratio	Lower	Upper
146	100	
111	42.0	19.0 57.0
148	64.4	32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.578 ug/l

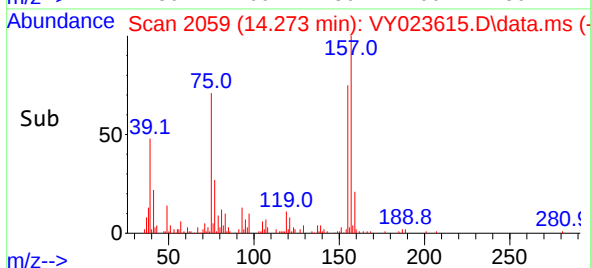
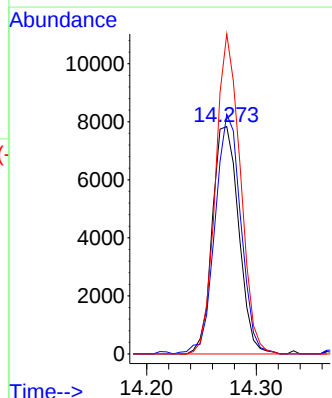
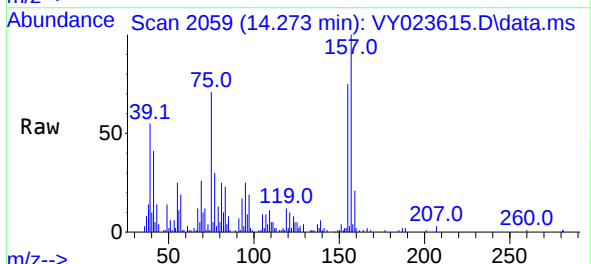
RT: 14.273 min Scan# 2059

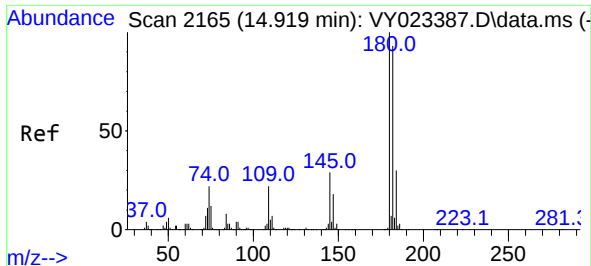
Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

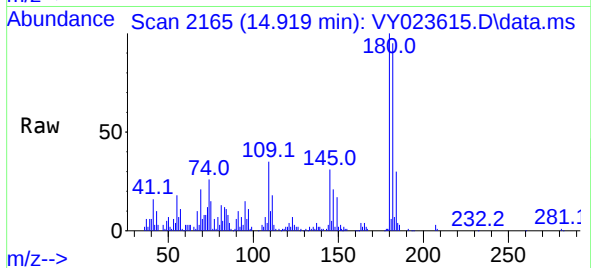
Tgt Ion: 75	Resp:	13082
Ion Ratio	Lower	Upper
75	100	
155	103.3	50.0 150.0
157	132.2	63.8 191.5





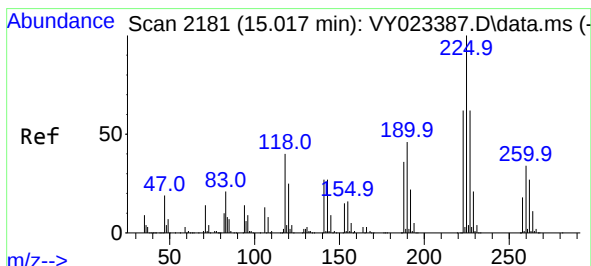
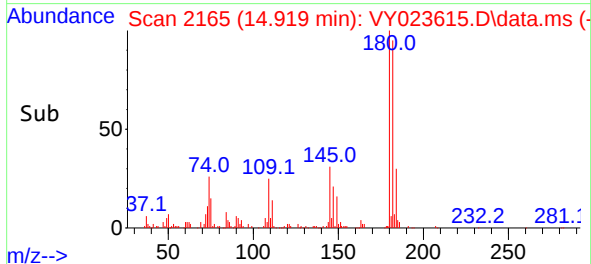
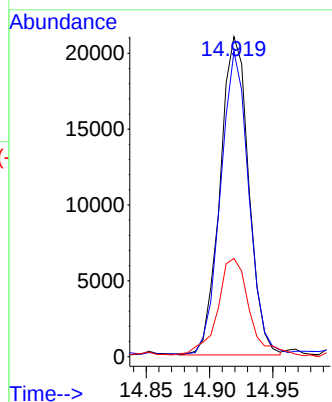
#93
 1,2,4-Trichlorobenzene
 Concen: 21.955 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 33068

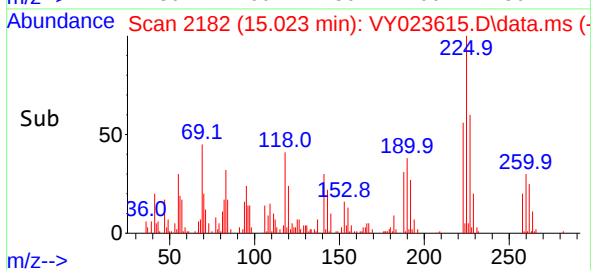
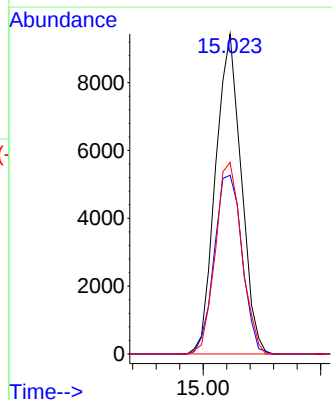
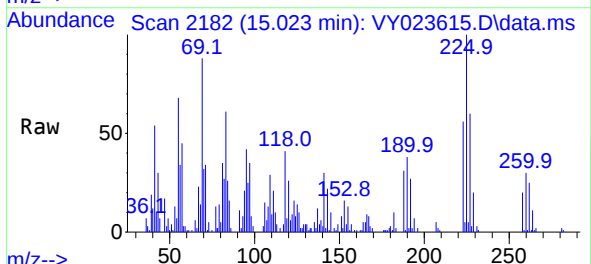
Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.9	143.6
145	35.3	14.7	44.1

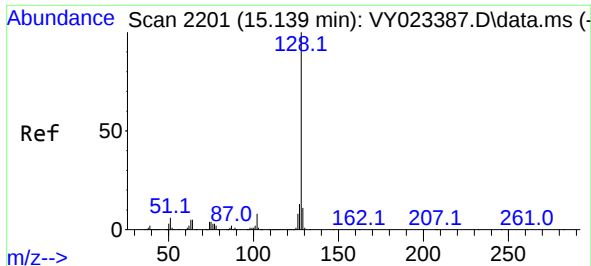


#94
 Hexachlorobutadiene
 Concen: 15.264 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

Tgt Ion:225 Resp: 14331

Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.8	92.3
227	61.2	31.9	95.7

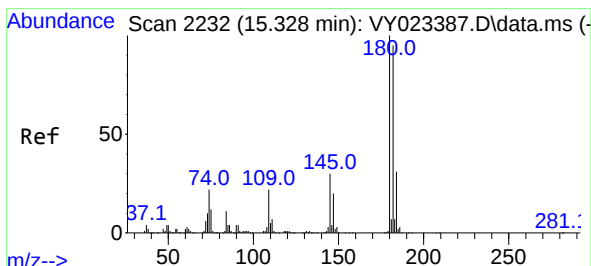
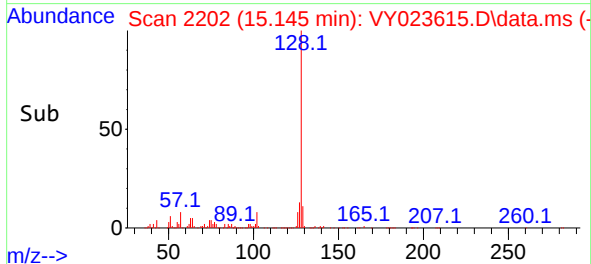
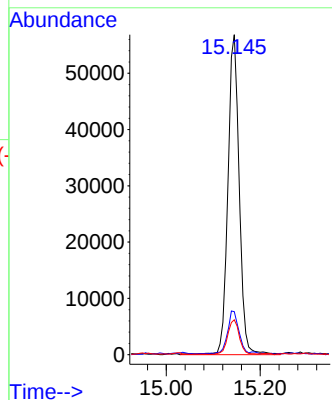
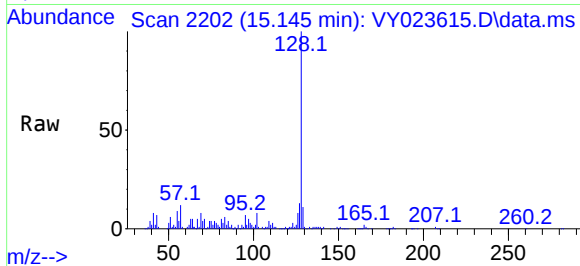




#95
Naphthalene
Concen: 39.808 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 95477
Ion Ratio Lower Upper
128 100
127 14.6 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.388 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:180 Resp: 29207
Ion Ratio Lower Upper
180 100
182 92.8 47.9 143.8
145 34.6 15.3 45.9

