

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023618.D
 Acq On : 29 Oct 2025 14:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 03:16:49 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	7.713	168	476970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	703352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	615765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	329887	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	193566	48.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.060%
35) Dibromofluoromethane	7.634	113	219054	50.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.380%
50) Toluene-d8	10.109	98	795589	49.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.407	95	269000	50.624	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.240%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	141793	41.301	ug/l	99
3) Chloromethane	2.074	50	199139	42.579	ug/l	100
4) Vinyl Chloride	2.208	62	272149	44.676	ug/l	100
5) Bromomethane	2.604	94	221216	43.274	ug/l	98
6) Chloroethane	2.738	64	200932	48.390	ug/l	98
7) Trichlorofluoromethane	3.062	101	394119	46.597	ug/l	97
8) Diethyl Ether	3.458	74	108451	49.070	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	224707	51.197	ug/l	100
10) Methyl Iodide	4.013	142	289459	59.241	ug/l	99
11) Tert butyl alcohol	4.854	59	58645	197.644	ug/l	100
12) 1,1-Dichloroethene	3.799	96	213999	50.297	ug/l	93
13) Acrolein	3.659	56	21699	51.754	ug/l	100
14) Allyl chloride	4.391	41	276523	53.329	ug/l	99
15) Acrylonitrile	5.061	53	212406	251.128	ug/l	99
16) Acetone	3.866	43	206520	217.496	ug/l	96
17) Carbon Disulfide	4.110	76	557110	45.750	ug/l	100
18) Methyl Acetate	4.391	43	148122	59.467	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	539072	52.717	ug/l	98
20) Methylene Chloride	4.622	84	249295	48.553	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	243969	52.082	ug/l	93
22) Diisopropyl ether	6.018	45	642860	56.049	ug/l	97
23) Vinyl Acetate	5.963	43	1582604	254.919	ug/l	99
24) 1,1-Dichloroethane	5.921	63	411638	54.180	ug/l	98
25) 2-Butanone	6.896	43	271384	234.107	ug/l	98
26) 2,2-Dichloropropane	6.890	77	386352	55.419	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	298868	55.234	ug/l	98
28) Bromochloromethane	7.244	49	138736	48.915	ug/l	96
29) Tetrahydrofuran	7.262	42	162848	247.728	ug/l	99
30) Chloroform	7.427	83	462037	55.351	ug/l	97
31) Cyclohexane	7.707	56	317795	47.897	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	407489	53.717	ug/l	99
36) 1,1-Dichloropropene	7.835	75	304531	53.225	ug/l	98
37) Ethyl Acetate	6.988	43	114840	50.663	ug/l	98
38) Carbon Tetrachloride	7.823	117	365938	52.746	ug/l	98
39) Methylcyclohexane	9.109	83	381493	51.210	ug/l	97
40) Benzene	8.085	78	979797	54.073	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	54284	44.280	ug/l	90
42) 1,2-Dichloroethane	8.158	62	244832	52.392	ug/l	100
43) Isopropyl Acetate	8.201	43	225179	49.820	ug/l	99
44) Trichloroethene	8.865	130	276915	52.214	ug/l	98
45) 1,2-Dichloropropane	9.146	63	221229	55.277	ug/l	98
46) Dibromomethane	9.231	93	133596	52.790	ug/l	97
47) Bromodichloromethane	9.426	83	351335	55.122	ug/l	99
48) Methyl methacrylate	9.219	41	111828	52.664	ug/l	99
49) 1,4-Dioxane	9.231	88	27802	947.521	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	604422	258.822	ug/l	100
52) Toluene	10.170	92	638729	54.291	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	295823	53.378	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	356492	54.502	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	182072	53.501	ug/l	98
56) Ethyl methacrylate	10.444	69	208090	53.008	ug/l	99
57) 1,3-Dichloropropane	10.719	76	289927	53.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	485065	275.829	ug/l	98
59) 2-Hexanone	10.761	43	419590	251.418	ug/l	99
60) Dibromochloromethane	10.914	129	253682	53.168	ug/l	99
61) 1,2-Dibromoethane	11.017	107	167293	51.545	ug/l	100
64) Tetrachloroethene	10.646	164	325898	51.258	ug/l	96
65) Chlorobenzene	11.444	112	713000	53.238	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	260944	54.677	ug/l	98
67) Ethyl Benzene	11.517	91	1199527	55.332	ug/l	99
68) m/p-Xylenes	11.627	106	967872	111.311	ug/l	99
69) o-Xylene	11.956	106	452479	55.479	ug/l	98
70) Styrene	11.968	104	752970	56.142	ug/l	99
71) Bromoform	12.133	173	152886	51.645	ug/l #	98
73) Isopropylbenzene	12.255	105	1185167	54.516	ug/l	99
74) N-amyl acetate	12.072	43	187801	48.095	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	177958	50.048	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	240826	82.744	ug/l #	100
77) Bromobenzene	12.529	156	296117	51.235	ug/l	99
78) n-propylbenzene	12.596	91	1377812	54.767	ug/l	100
79) 2-Chlorotoluene	12.682	91	797129	54.108	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	967845	55.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	58727	49.480	ug/l	98
82) 4-Chlorotoluene	12.779	91	817766	53.898	ug/l	100
83) tert-Butylbenzene	12.999	119	879773	54.239	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	966218	55.111	ug/l	99
85) sec-Butylbenzene	13.176	105	1274124	54.759	ug/l	99
86) p-Isopropyltoluene	13.291	119	1090816	55.062	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	582945	51.796	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	564949	50.825	ug/l	100
89) n-Butylbenzene	13.615	91	938550	54.372	ug/l	99
90) Hexachloroethane	13.877	117	217614	51.072	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	502043	50.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26441	45.320	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	297494	48.362	ug/l	99
94) Hexachlorobutadiene	15.023	225	188178	49.074	ug/l	99
95) Naphthalene	15.145	128	449203	45.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	249518	46.829	ug/l	99

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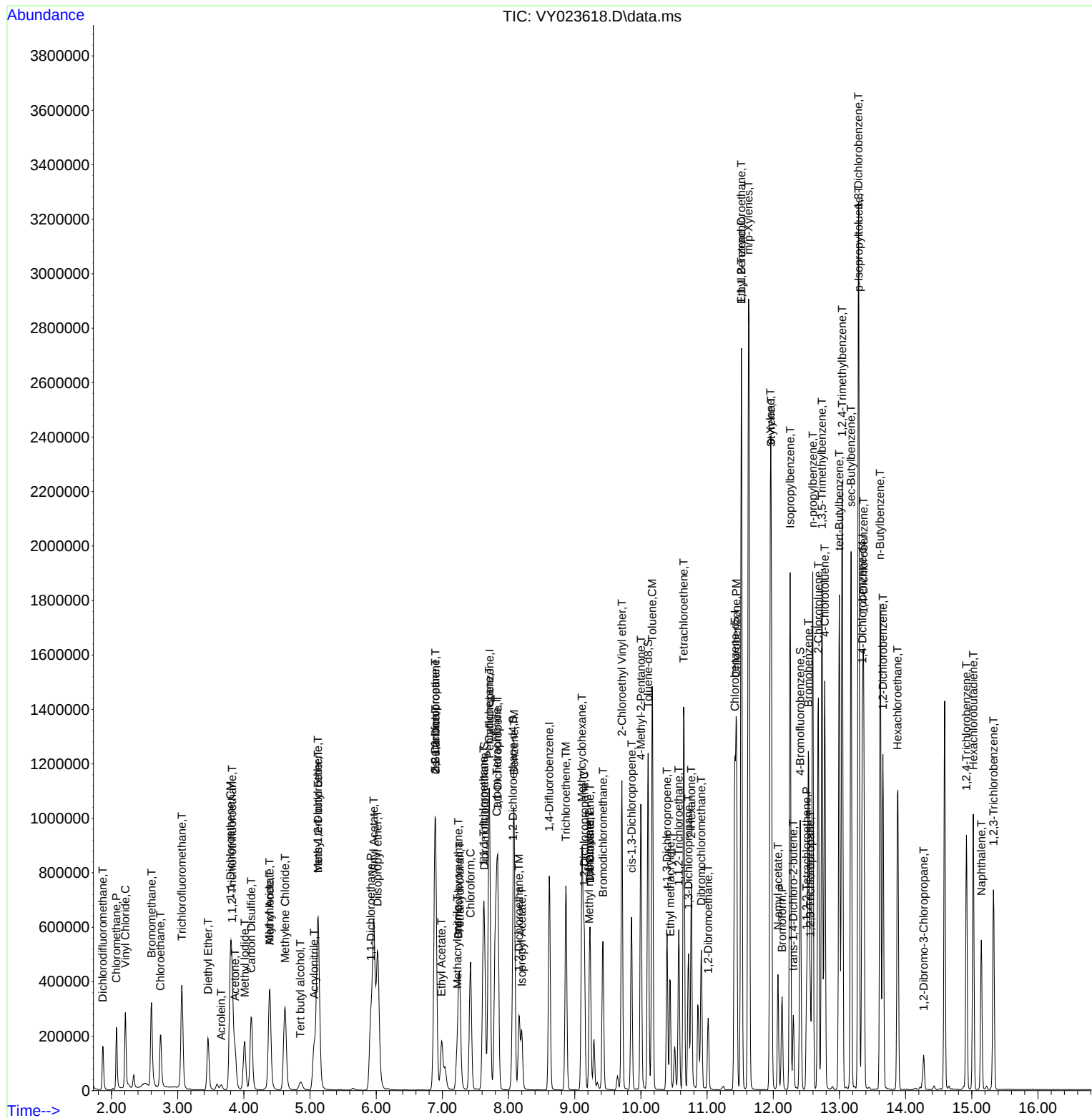
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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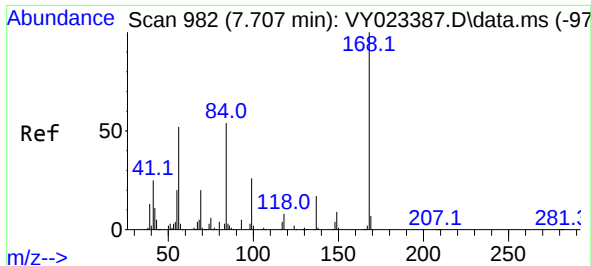
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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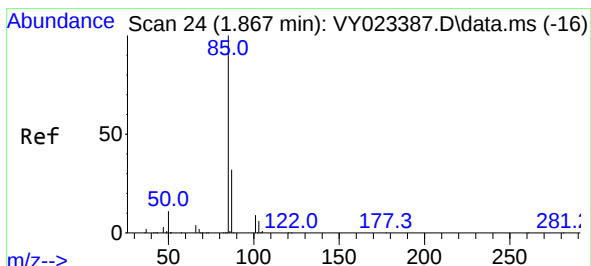
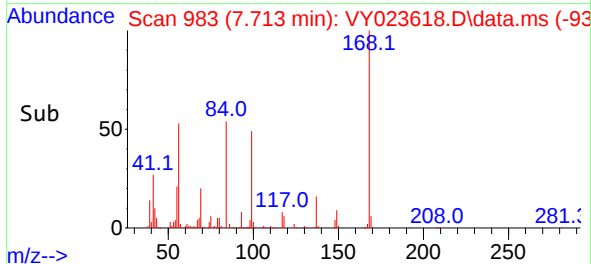
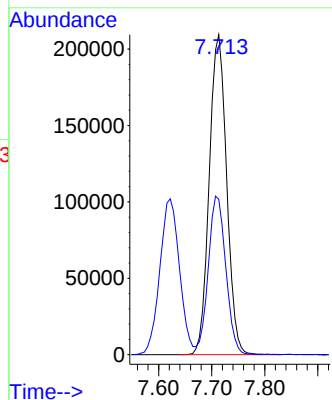
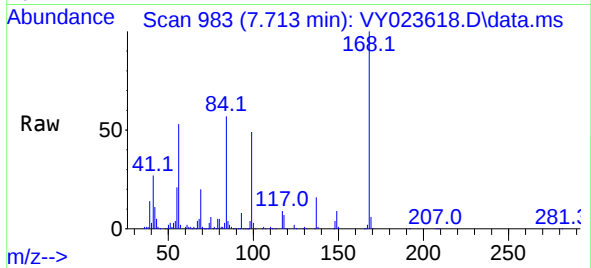




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023618.D
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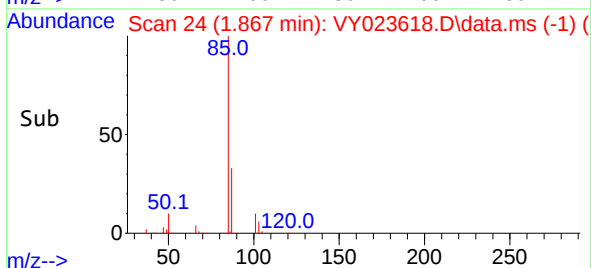
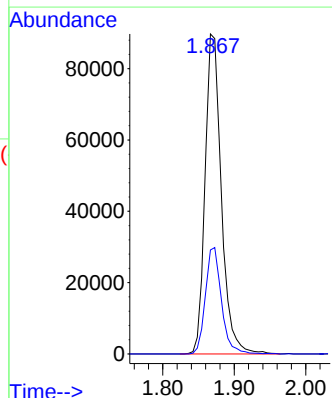
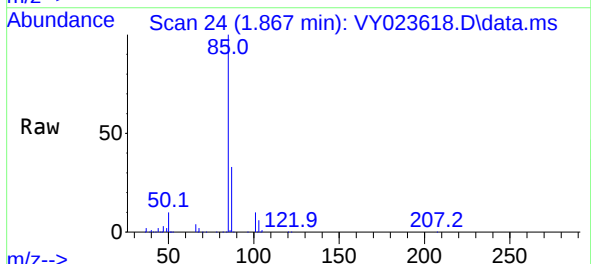
Instrument :
MSVOA_Y
ClientSampleId :

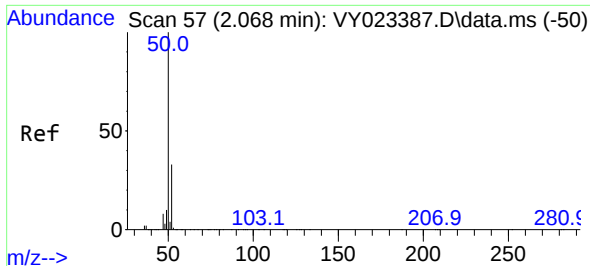
Tgt Ion:168 Resp: 476970
Ion Ratio Lower Upper
168 100
99 48.5 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 41.301 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 85 Resp: 141793
Ion Ratio Lower Upper
85 100
87 32.5 16.0 47.9

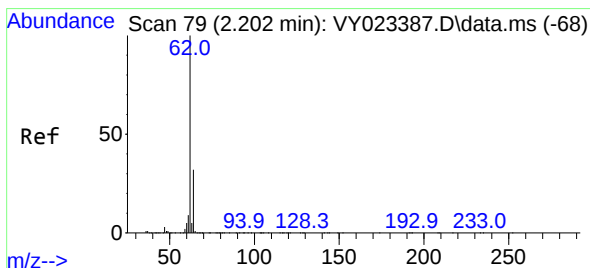
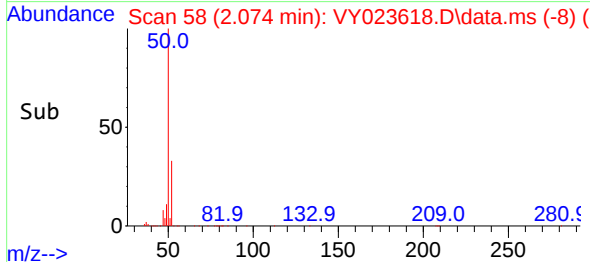
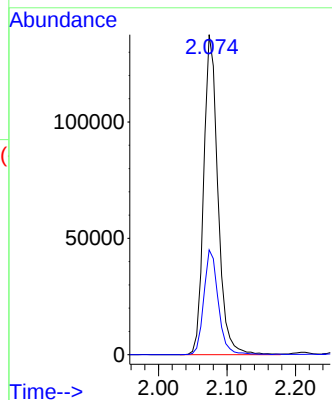
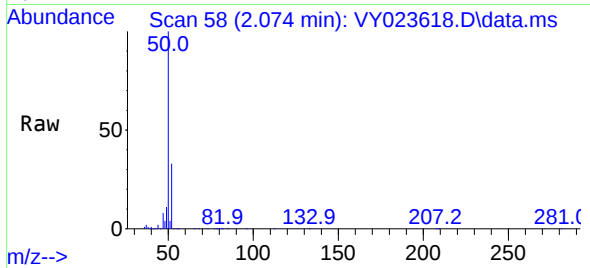




#3
Chloromethane
Concen: 42.579 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

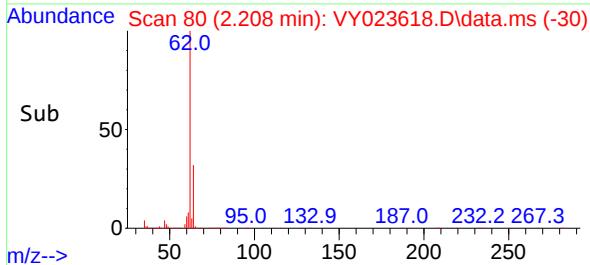
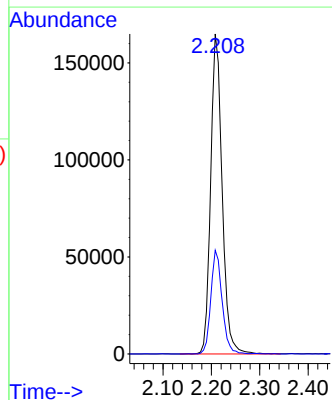
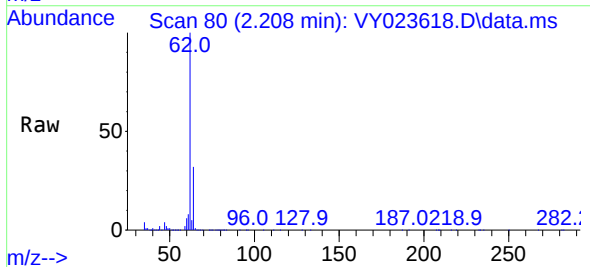
Instrument :
MSVOA_Y
ClientSampleId :

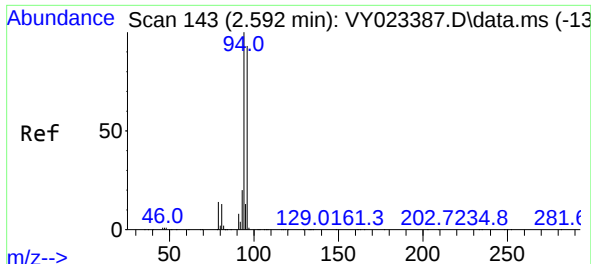
Tgt Ion: 50 Resp: 199139
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 44.676 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

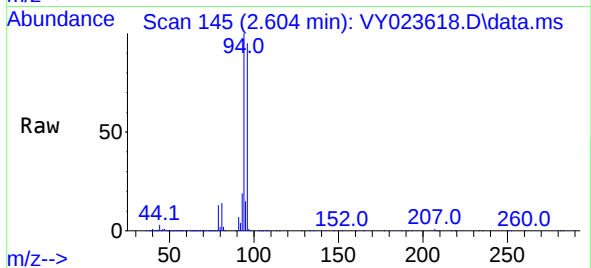
Tgt Ion: 62 Resp: 272149
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.8



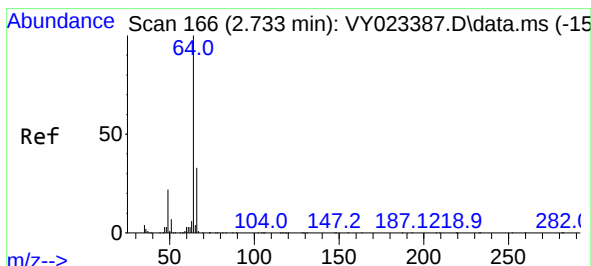
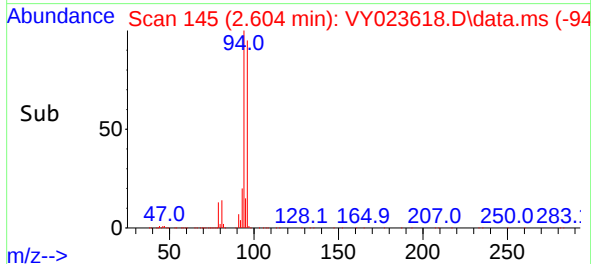
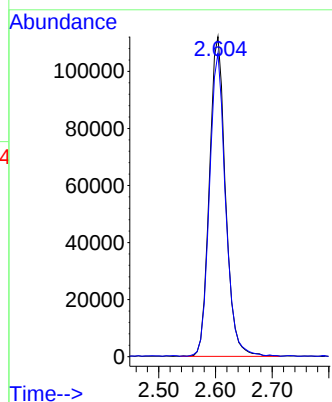


#5
Bromomethane
Concen: 43.274 ug/l
RT: 2.604 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY023618.D
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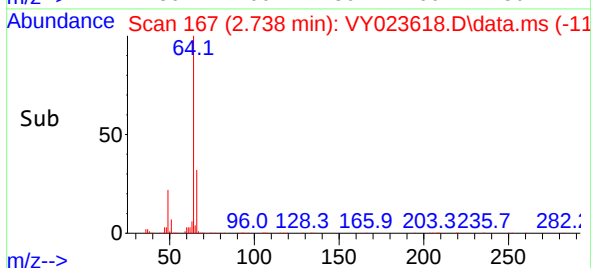
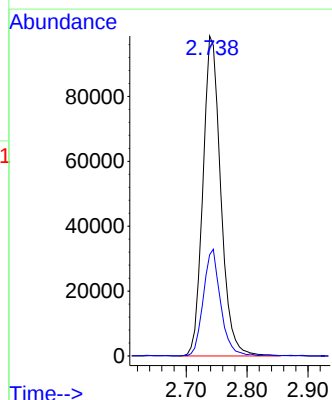
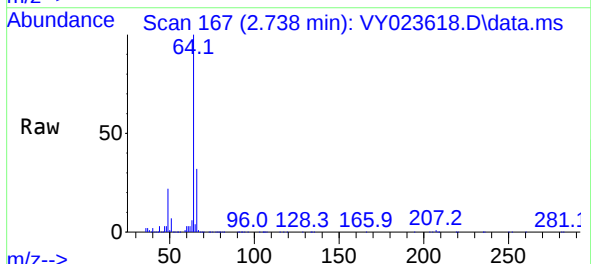


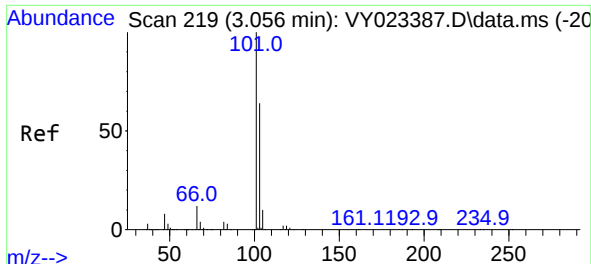
Tgt Ion: 94 Resp: 221216
Ion Ratio Lower Upper
94 100
96 94.8 74.5 111.7



#6
Chloroethane
Concen: 48.390 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 64 Resp: 200932
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4

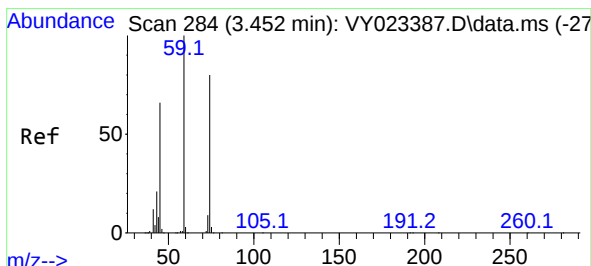
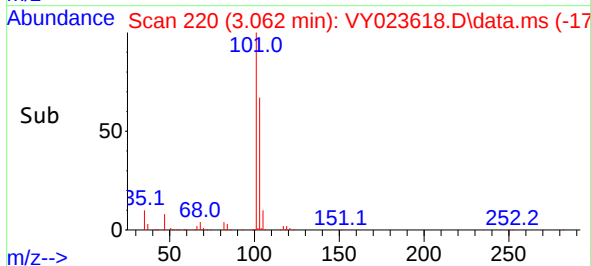
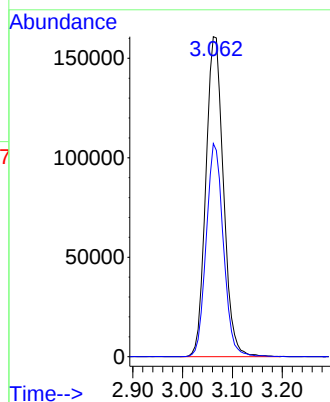
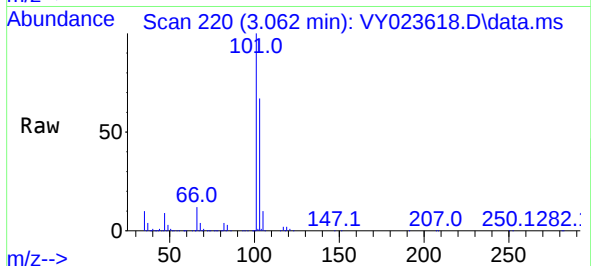




#7
 Trichlorofluoromethane
 Concen: 46.597 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

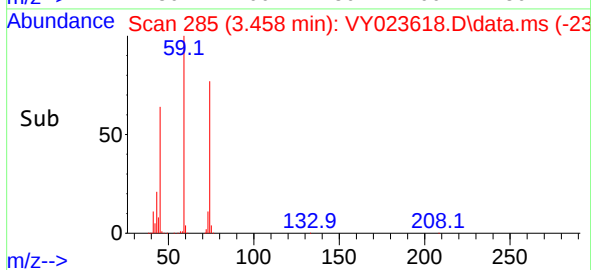
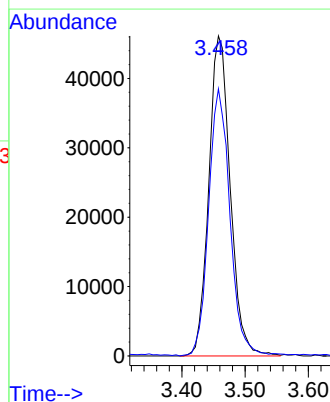
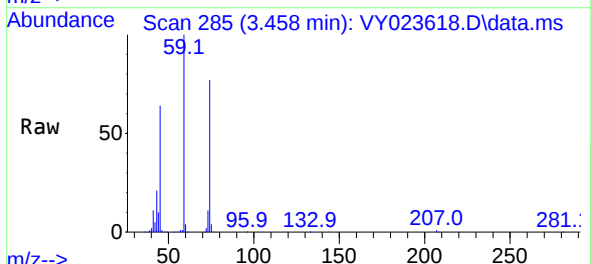
Instrument :
 MSVOA_Y
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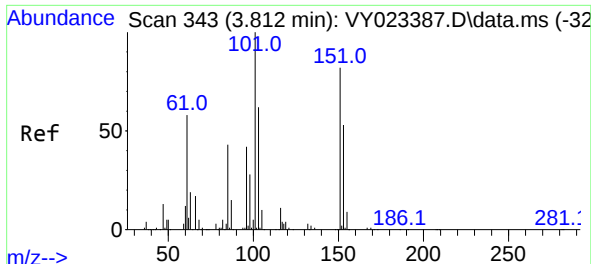
Tgt Ion:101 Resp: 394119
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.3 76.9



#8
 Diethyl Ether
 Concen: 49.070 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

Tgt Ion: 74 Resp: 108451
 Ion Ratio Lower Upper
 74 100
 45 83.6 39.9 119.7

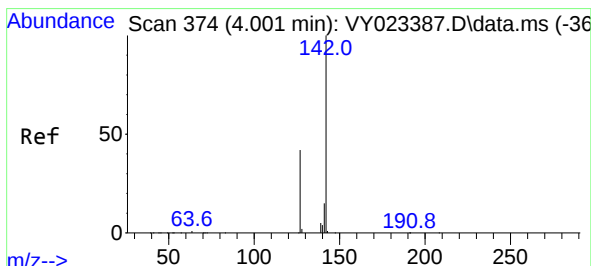
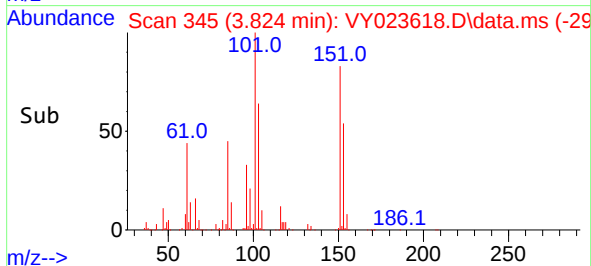
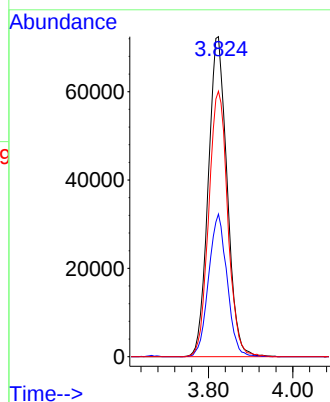
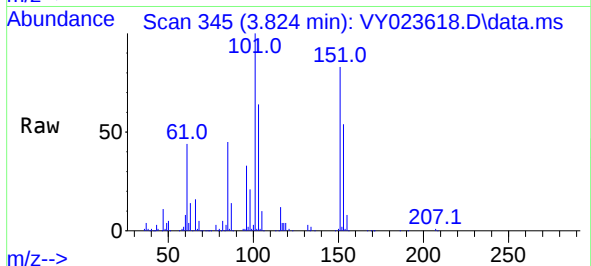




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.197 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

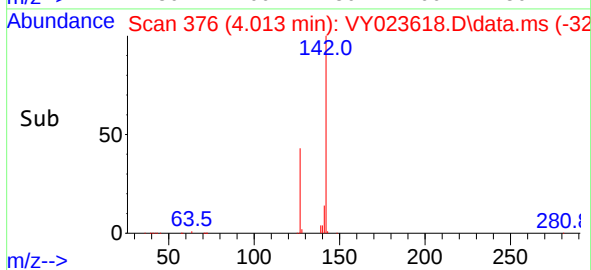
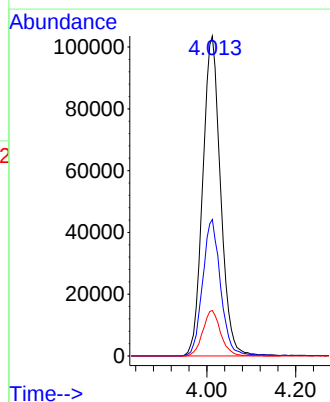
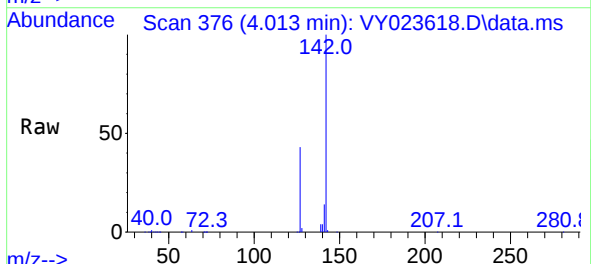
Instrument :
MSVOA_Y
ClientSampleId :

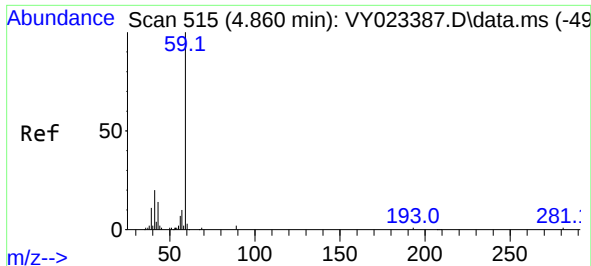
Tgt Ion:101 Resp: 224707
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 83.7 67.0 100.6



#10
Methyl Iodide
Concen: 59.241 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:142 Resp: 289459
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.2 11.6 17.4

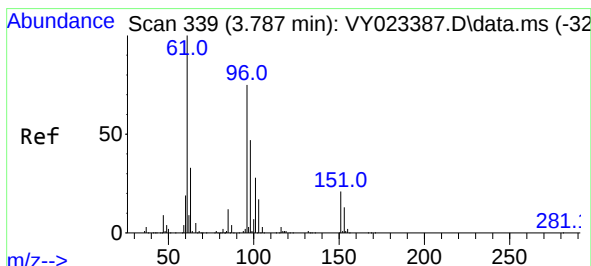
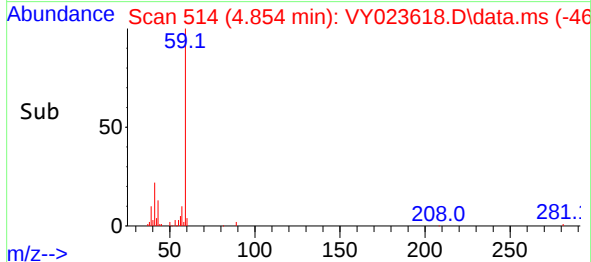
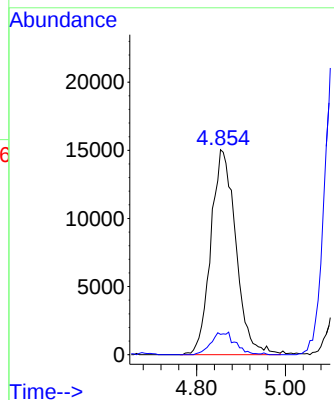
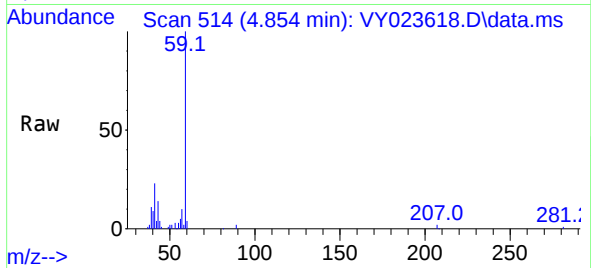




#11
Tert butyl alcohol
Concen: 197.644 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

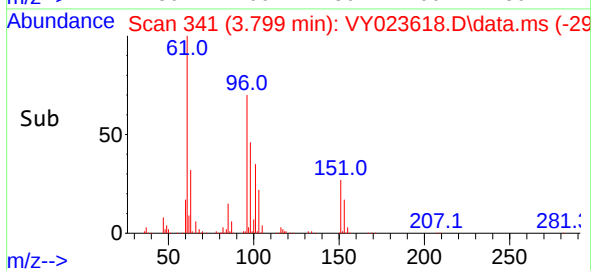
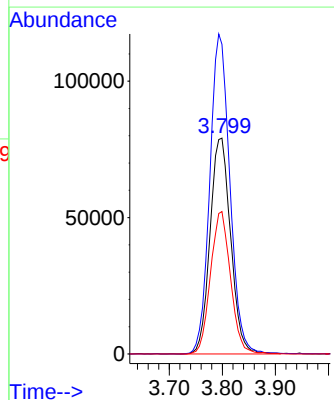
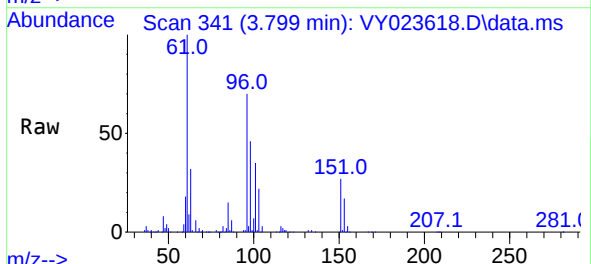
Instrument :
MSVOA_Y
ClientSampleId :

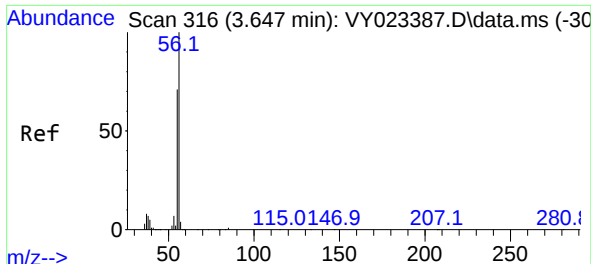
Tgt Ion: 59 Resp: 58645
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.297 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 96 Resp: 213999
Ion Ratio Lower Upper
96 100
61 143.4 106.7 160.1
98 66.0 50.2 75.4

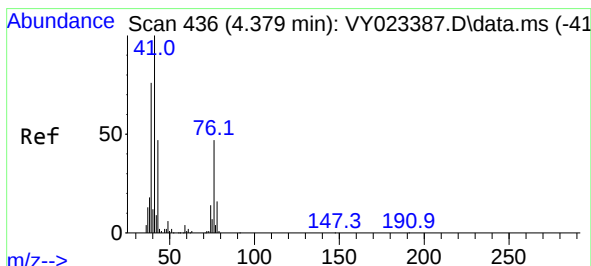
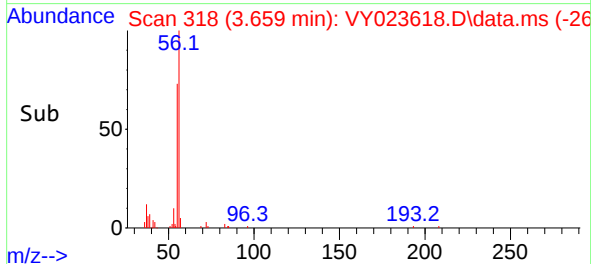
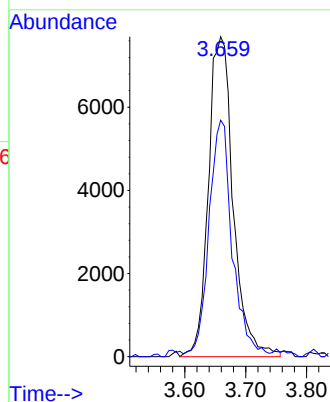
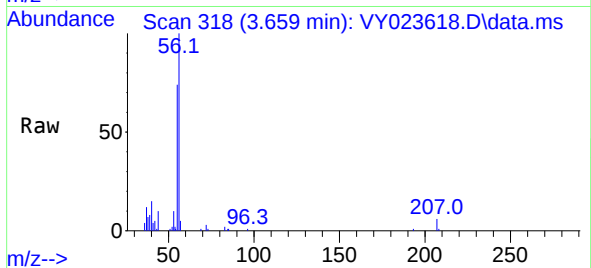




#13
Acrolein
Concen: 51.754 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

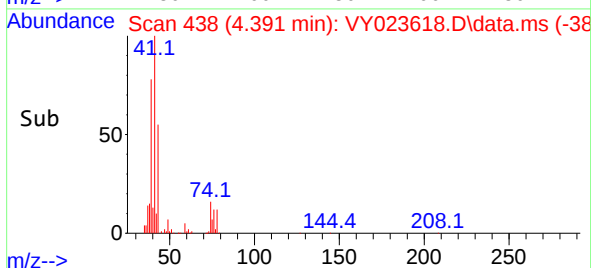
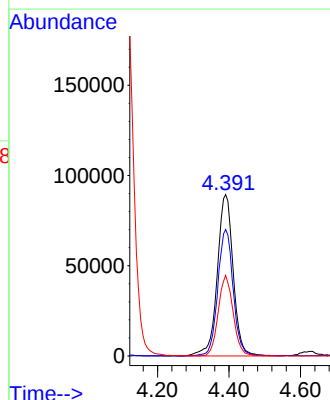
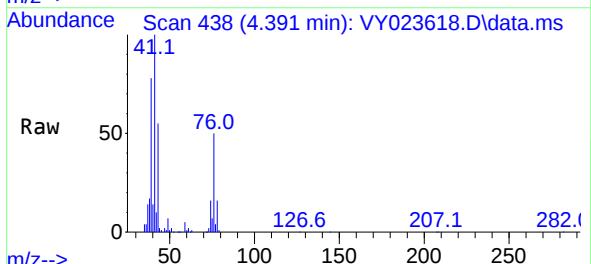
Instrument :
MSVOA_Y
ClientSampleId :

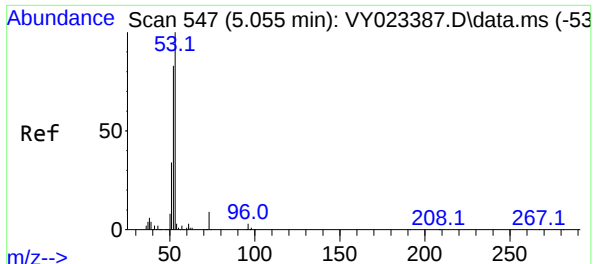
Tgt Ion: 56 Resp: 21699
Ion Ratio Lower Upper
56 100
55 69.7 56.1 84.1



#14
Allyl chloride
Concen: 53.329 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 41 Resp: 276523
Ion Ratio Lower Upper
41 100
39 76.0 59.9 89.9
76 46.6 38.0 57.0





#15

Acrylonitrile

Concen: 251.128 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

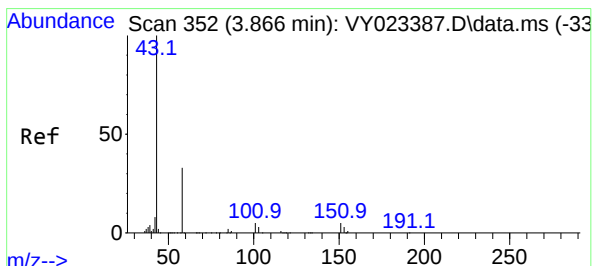
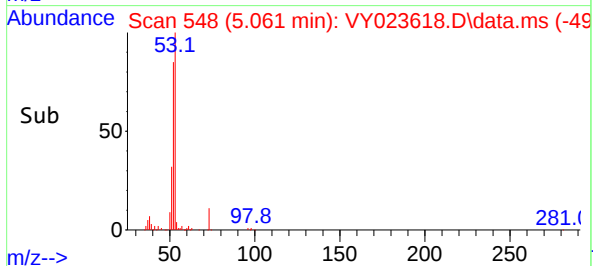
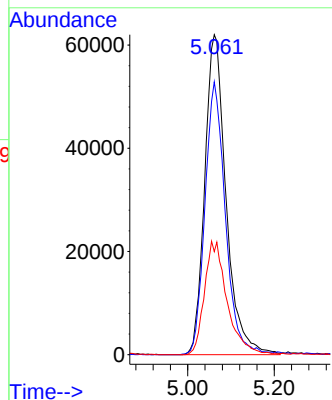
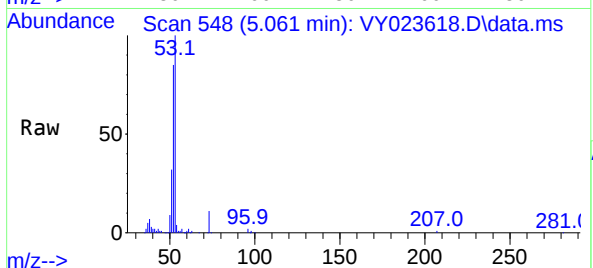
Tgt Ion: 53 Resp: 212406

Ion Ratio Lower Upper

53 100

52 81.7 64.6 97.0

51 37.7 29.5 44.3



#16

Acetone

Concen: 217.496 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.000 min

Lab File: VY023618.D

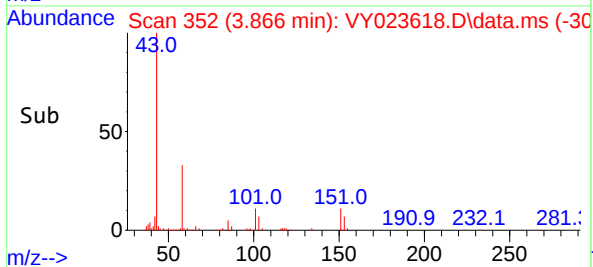
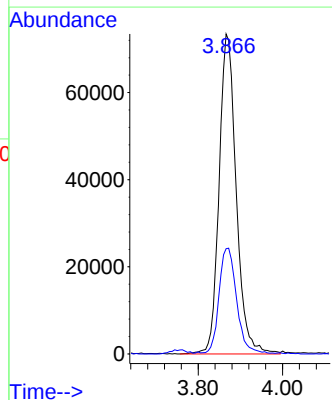
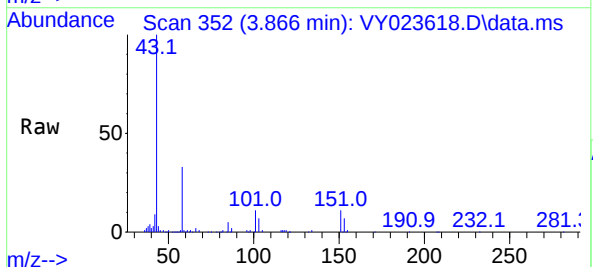
Acq: 29 Oct 2025 14:42

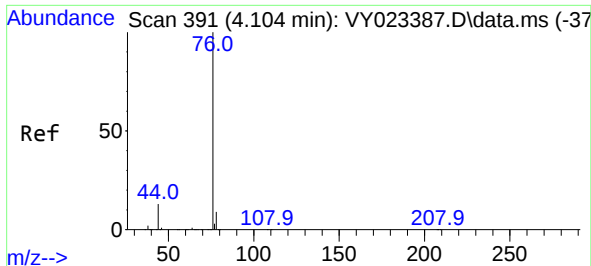
Tgt Ion: 43 Resp: 206520

Ion Ratio Lower Upper

43 100

58 32.5 27.7 41.5

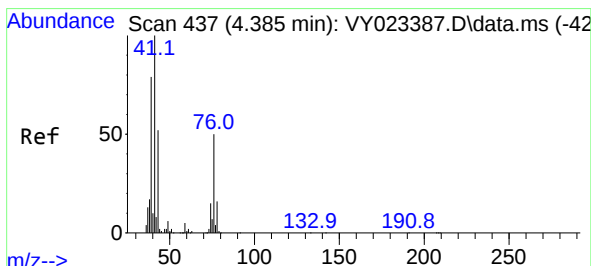
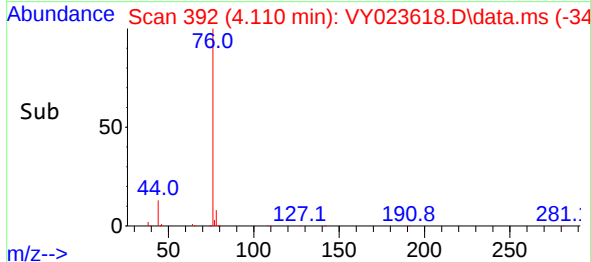
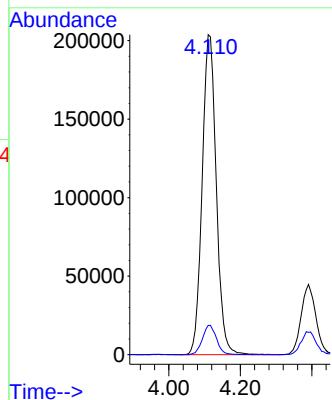
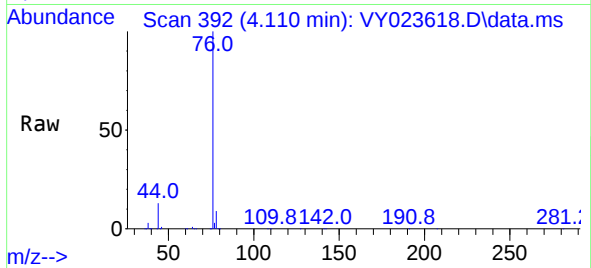




#17
Carbon Disulfide
Concen: 45.750 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

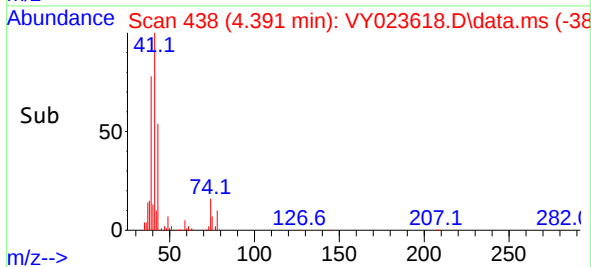
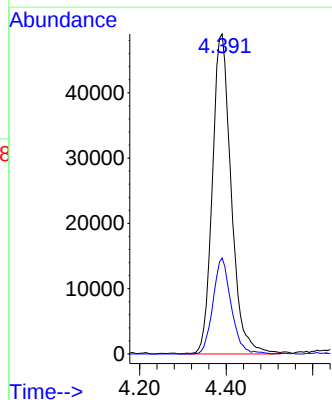
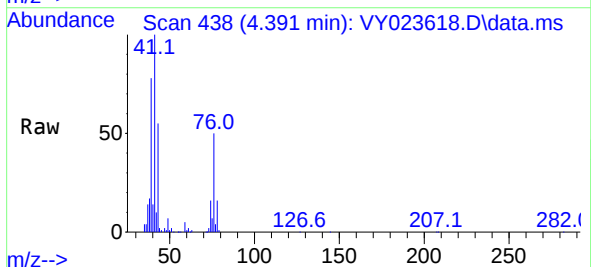
Instrument :
MSVOA_Y
ClientSampleId :

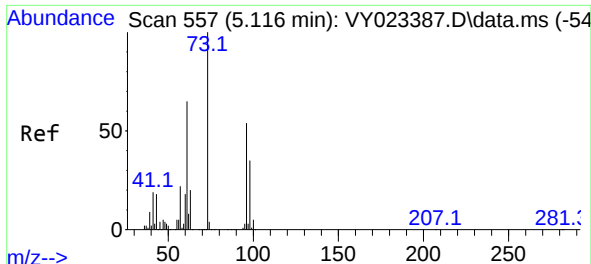
Tgt Ion: 76 Resp: 557110
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 59.467 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 43 Resp: 148122
Ion Ratio Lower Upper
43 100
74 28.9 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 52.717 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Instrument :

MSVOA_Y

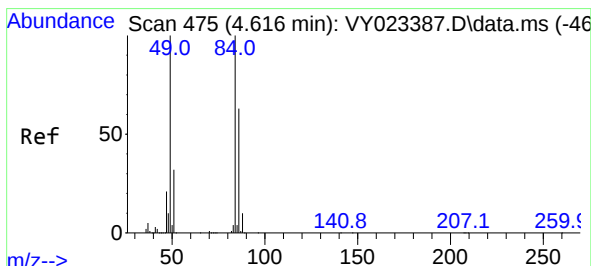
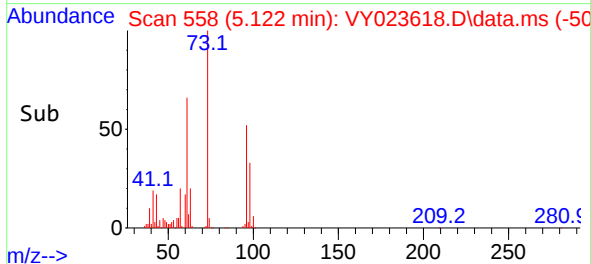
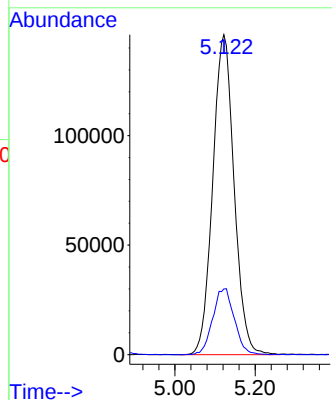
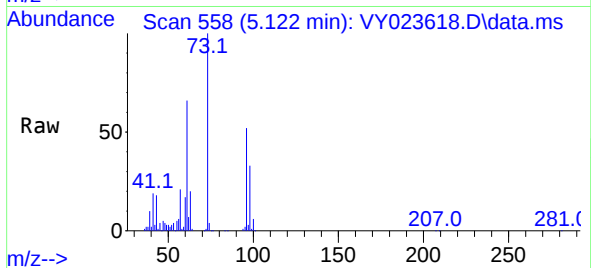
ClientSampleId :

Tgt Ion: 73 Resp: 539072

Ion Ratio Lower Upper

73 100

57 20.5 17.4 26.0



#20

Methylene Chloride

Concen: 48.553 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Tgt Ion: 84 Resp: 249295

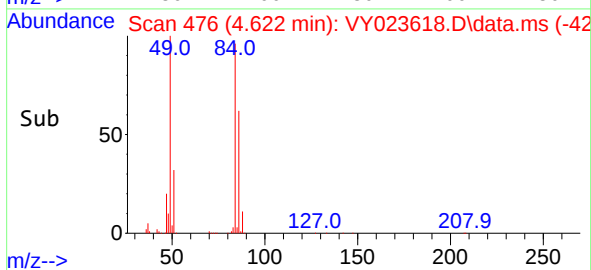
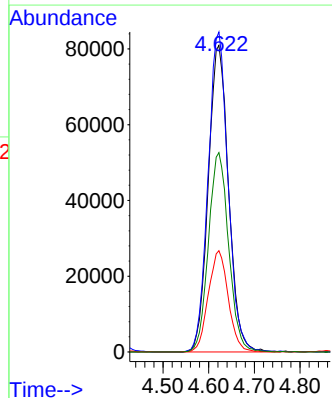
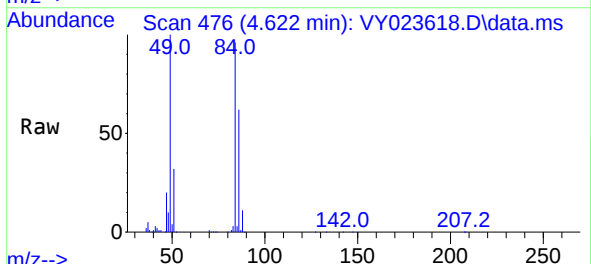
Ion Ratio Lower Upper

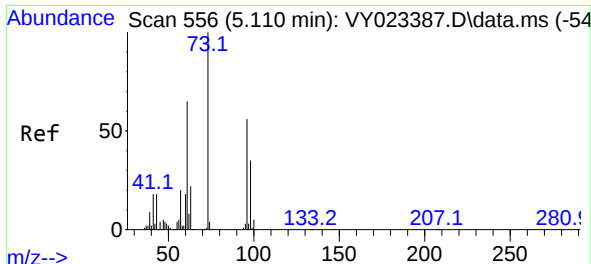
84 100

49 104.4 80.2 120.4

51 33.0 25.9 38.9

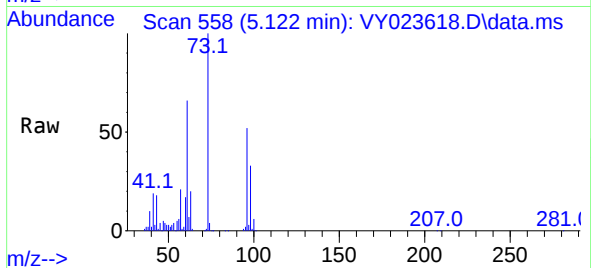
86 65.0 50.6 75.8



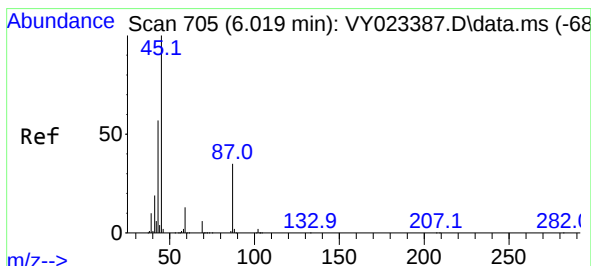
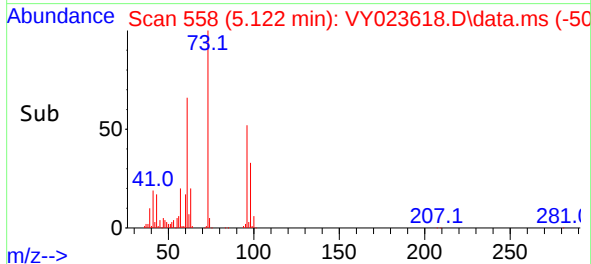
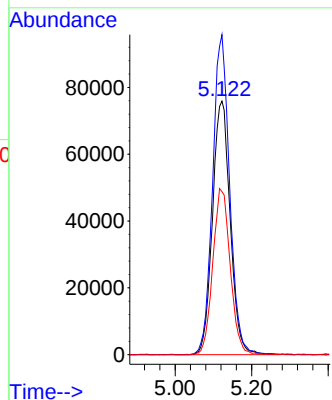


#21
trans-1,2-Dichloroethene
Concen: 52.082 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :

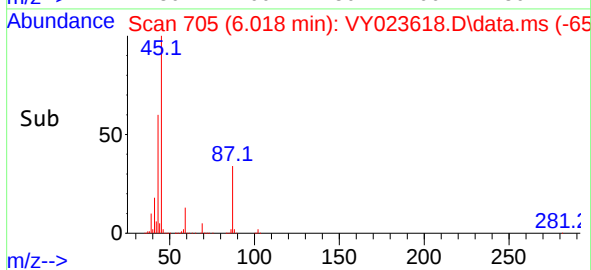
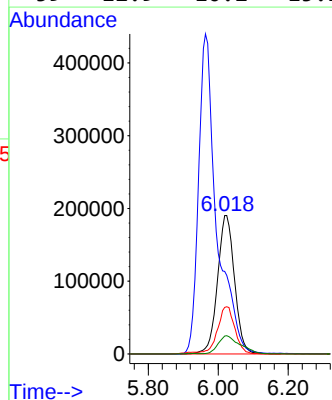
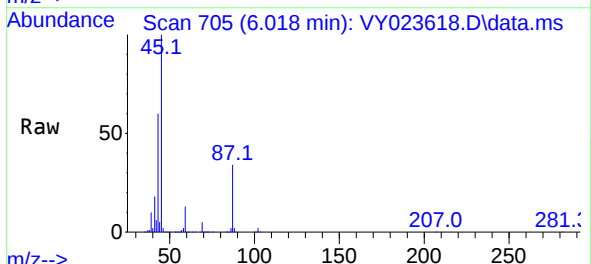


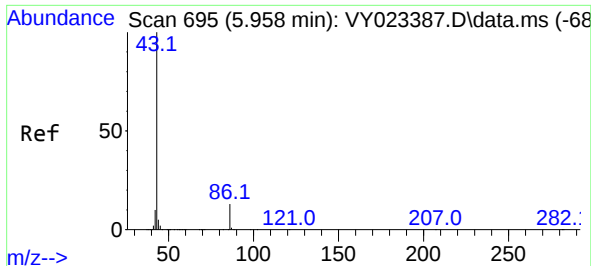
Tgt Ion: 96 Resp: 243969
Ion Ratio Lower Upper
96 100
61 126.2 92.7 139.1
98 64.3 49.7 74.5



#22
Diisopropyl ether
Concen: 56.049 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 45 Resp: 642860
Ion Ratio Lower Upper
45 100
43 59.6 45.6 68.4
87 33.5 28.1 42.1
59 12.9 10.2 15.2

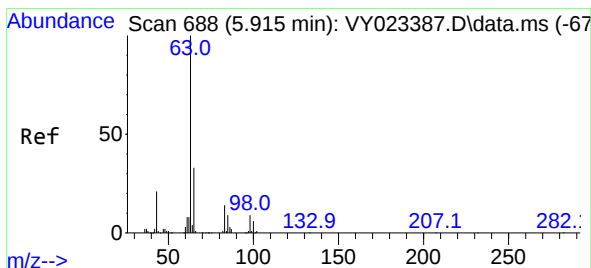
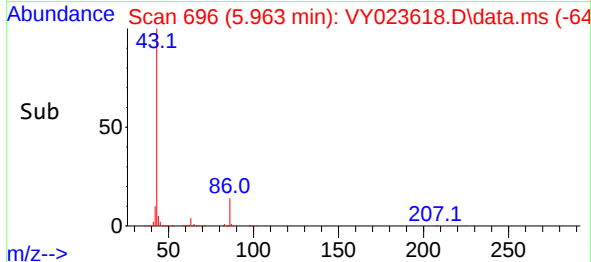
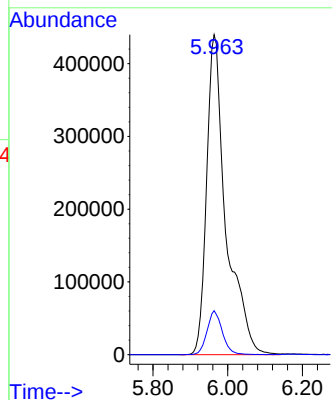
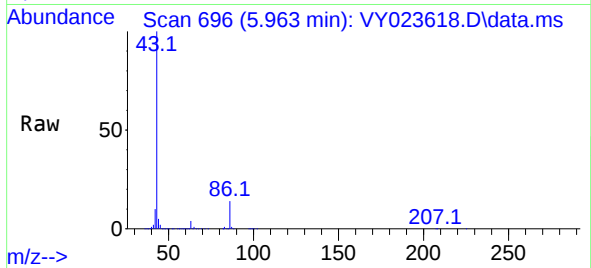




#23
 Vinyl Acetate
 Concen: 254.919 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

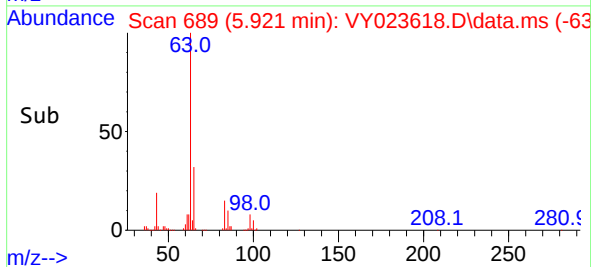
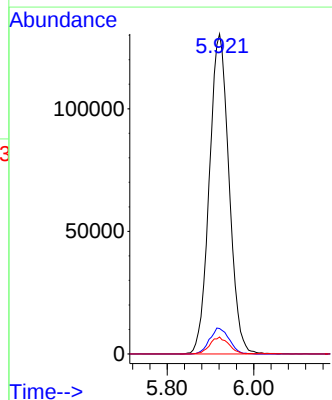
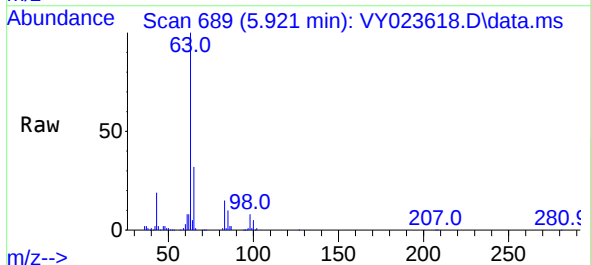
Instrument :
 MSVOA_Y
 ClientSampleId :

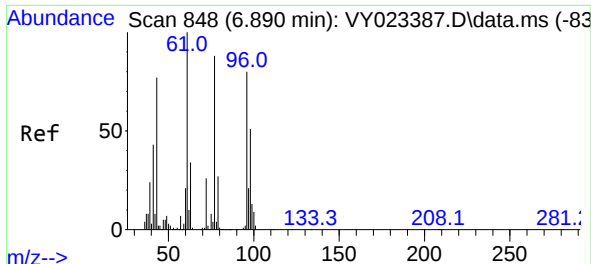
Tgt Ion: 43 Resp: 1582604
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 54.180 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

Tgt Ion: 63 Resp: 411638
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.3 13.1
 100 5.3 2.8 8.4

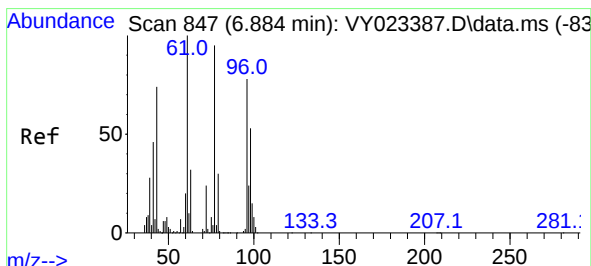
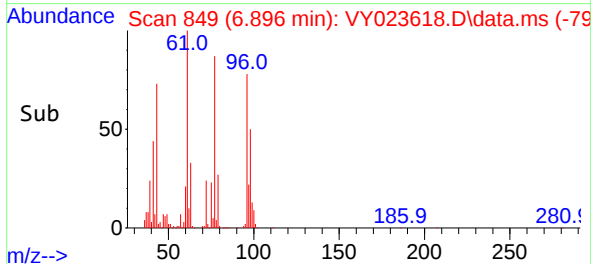
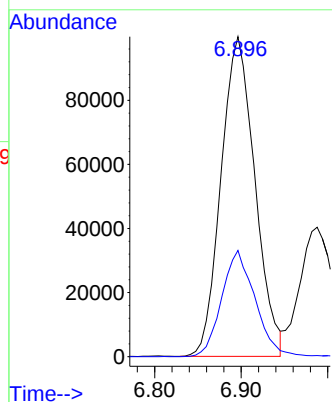
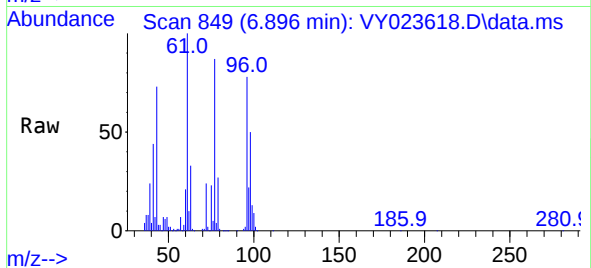




#25
2-Butanone
Concen: 234.107 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

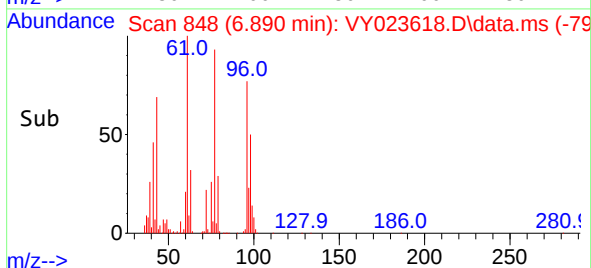
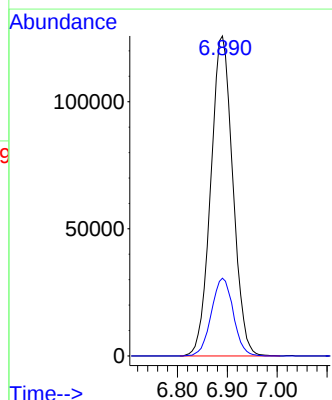
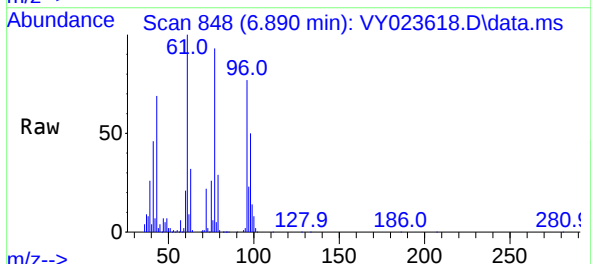
Instrument :
MSVOA_Y
ClientSampleId :

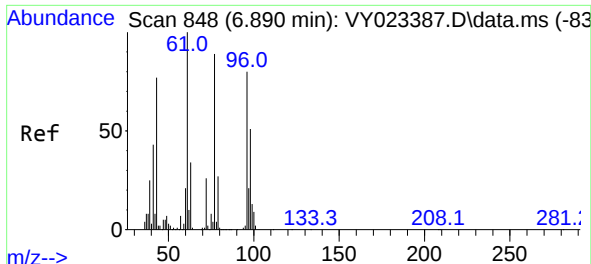
Tgt Ion: 43 Resp: 271384
Ion Ratio Lower Upper
43 100
72 33.2 27.4 41.2



#26
2,2-Dichloropropane
Concen: 55.419 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

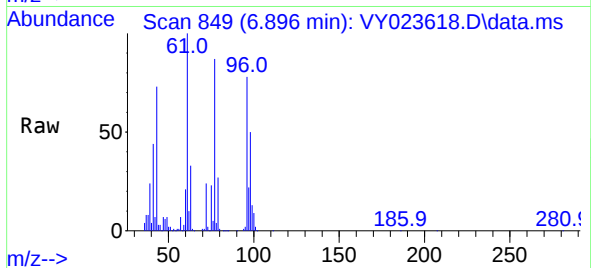
Tgt Ion: 77 Resp: 386352
Ion Ratio Lower Upper
77 100
97 24.2 12.1 36.3



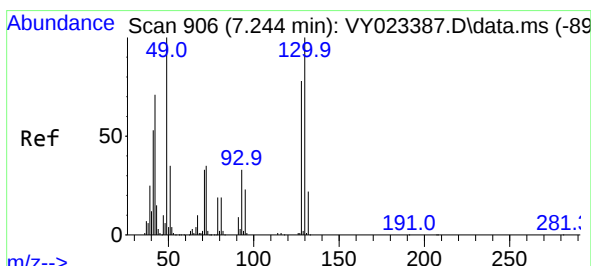
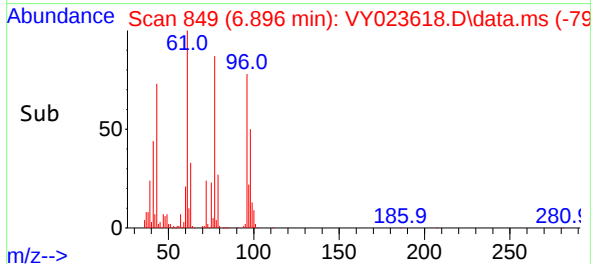
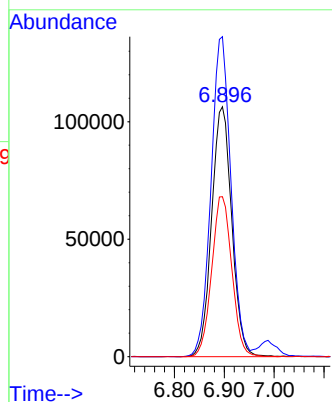


#27
 cis-1,2-Dichloroethene
 Concen: 55.234 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :

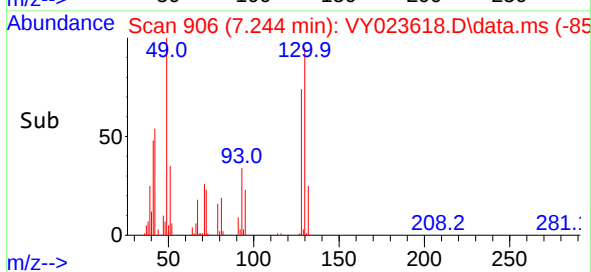
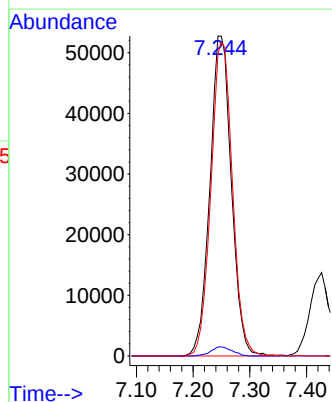
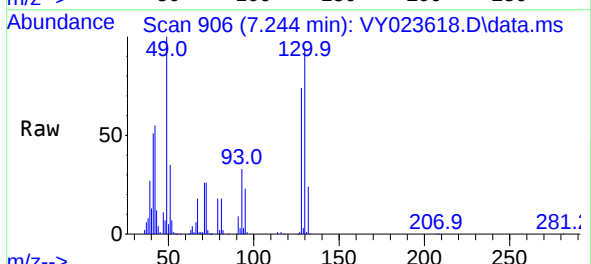


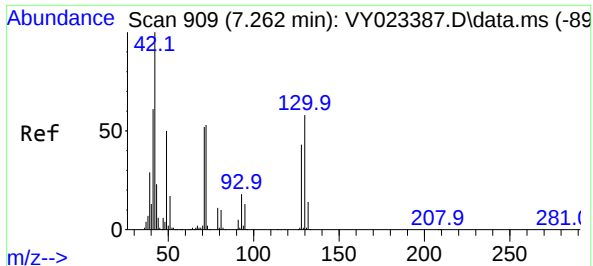
Tgt Ion: 96 Resp: 298868
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 258.2
 98 64.0 0.0 132.0



#28
 Bromochloromethane
 Concen: 48.915 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

Tgt Ion: 49 Resp: 138736
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.6
 130 98.0 81.9 122.9

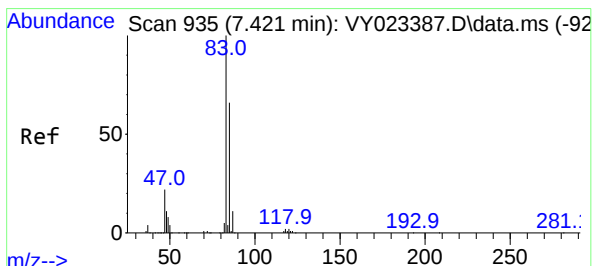
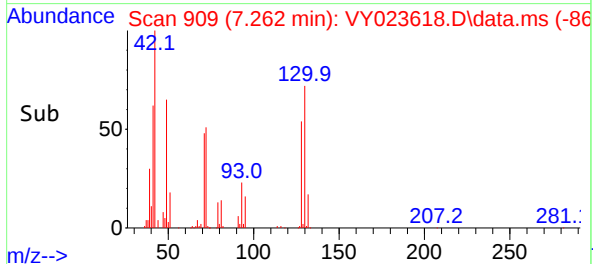
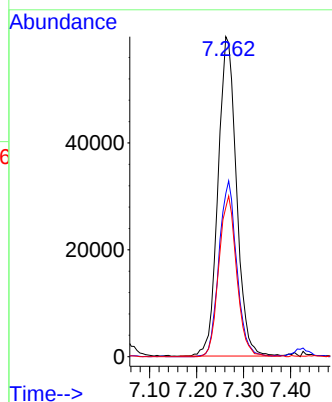
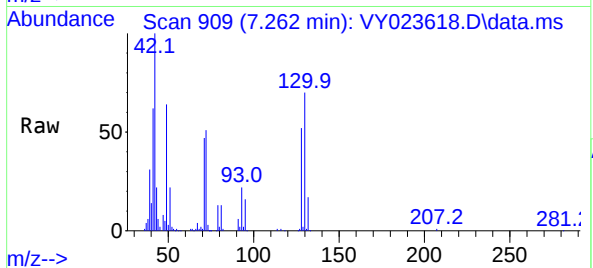




#29
Tetrahydrofuran
Concen: 247.728 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

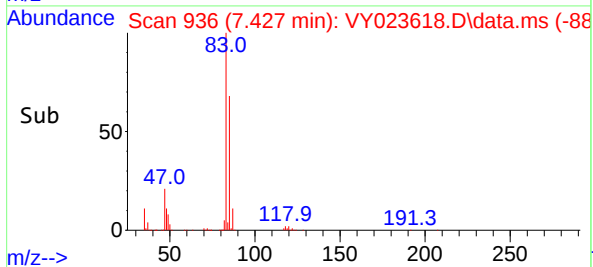
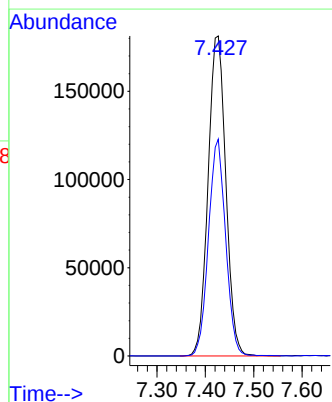
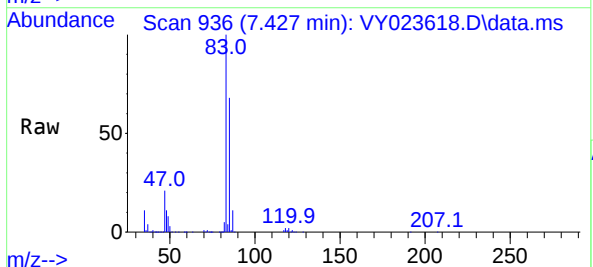
Instrument :
MSVOA_Y
ClientSampleId :

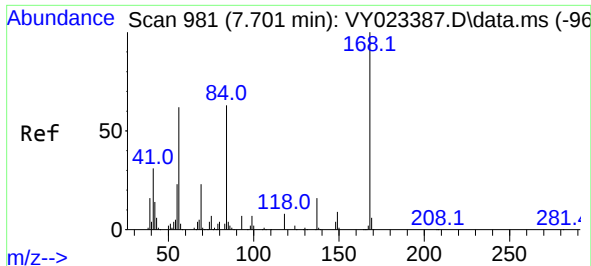
Tgt Ion: 42 Resp: 162848
Ion Ratio Lower Upper
42 100
72 53.2 43.0 64.6
71 48.7 40.1 60.1



#30
Chloroform
Concen: 55.351 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

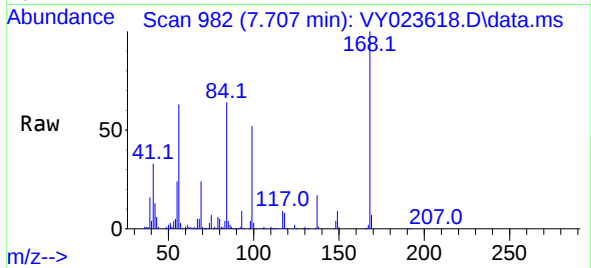
Tgt Ion: 83 Resp: 462037
Ion Ratio Lower Upper
83 100
85 67.8 52.5 78.7



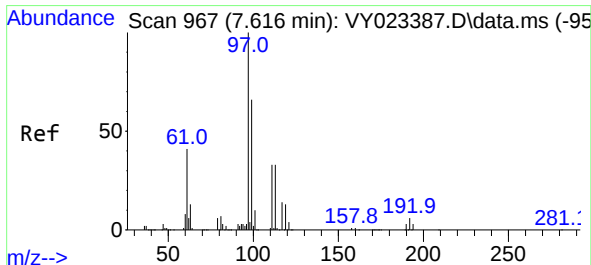
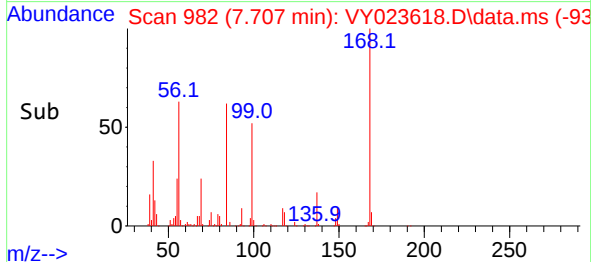
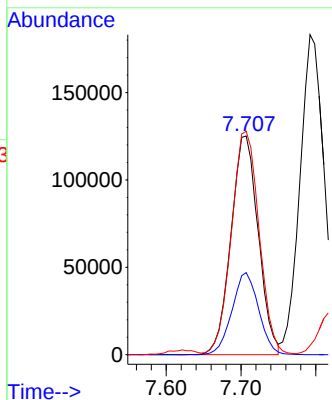


#31
Cyclohexane
Concen: 47.897 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :

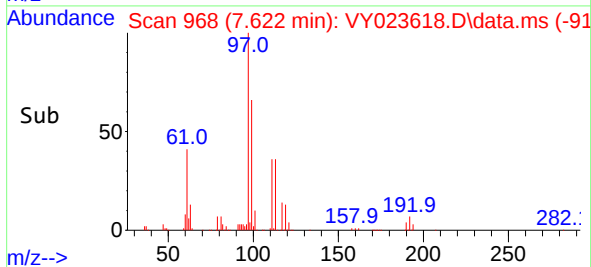
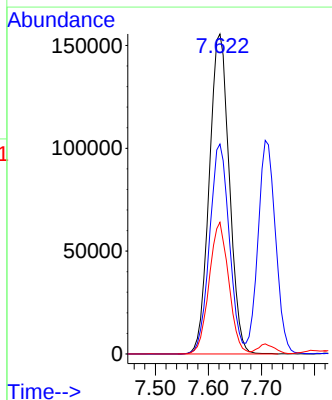
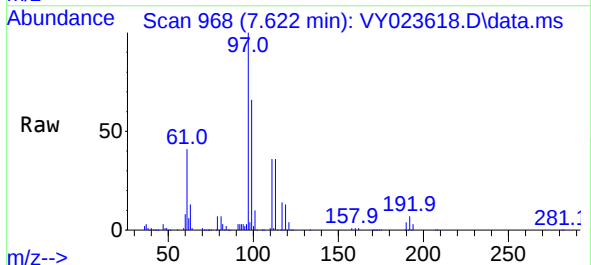


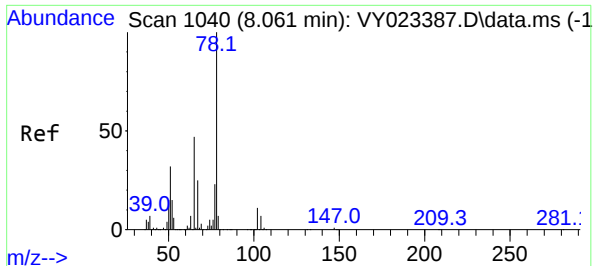
Tgt Ion: 56 Resp: 317795
Ion Ratio Lower Upper
56 100
69 37.5 30.0 45.0
84 100.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 53.717 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 97 Resp: 407489
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 40.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.531 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Instrument :

MSVOA_Y

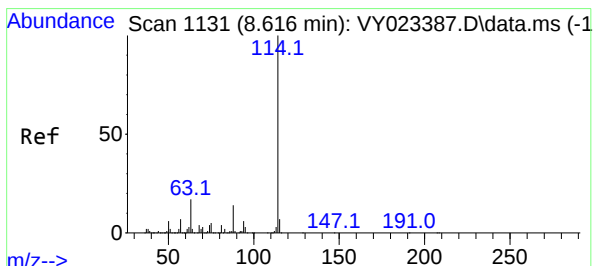
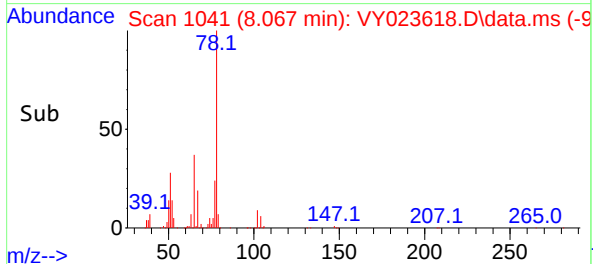
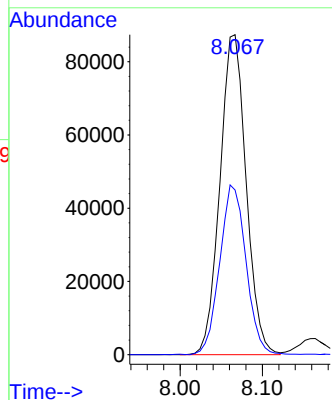
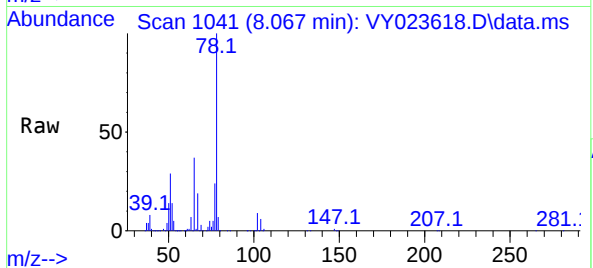
ClientSampleId :

Tgt Ion: 65 Resp: 193566

Ion Ratio Lower Upper

65 100

67 53.2 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: VY023618.D

Acq: 29 Oct 2025 14:42

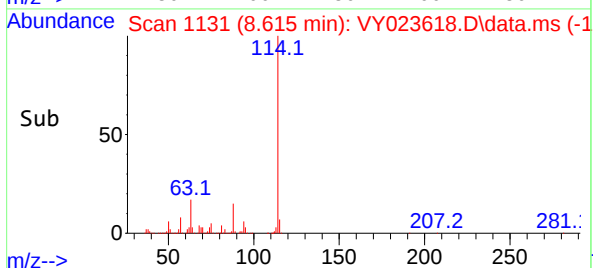
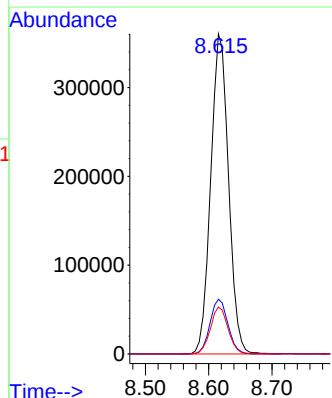
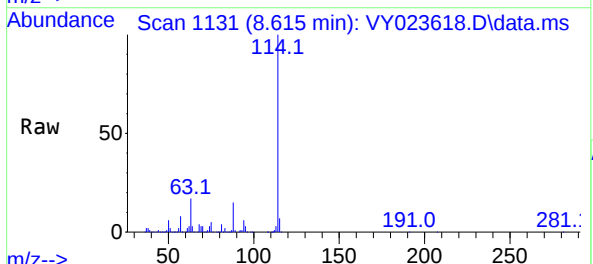
Tgt Ion: 114 Resp: 703352

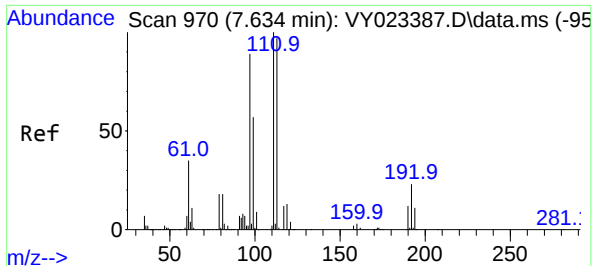
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

88 14.6 0.0 28.4

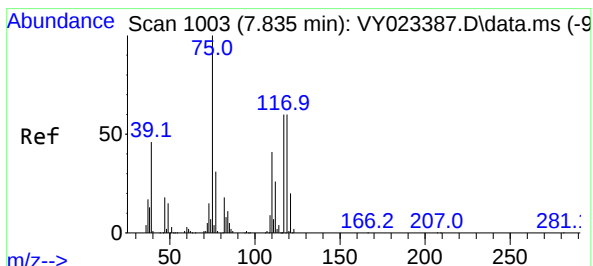
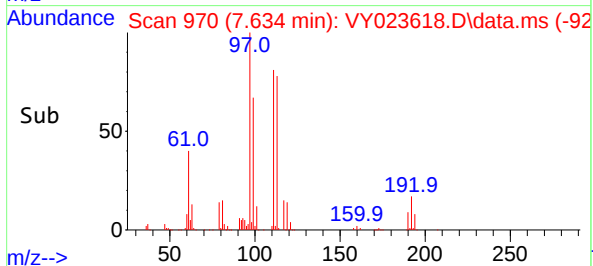
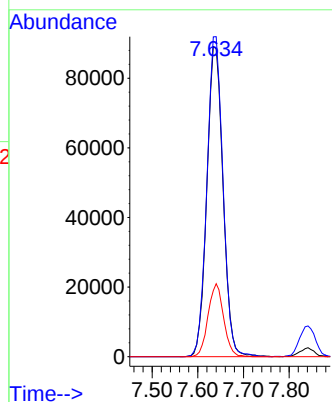
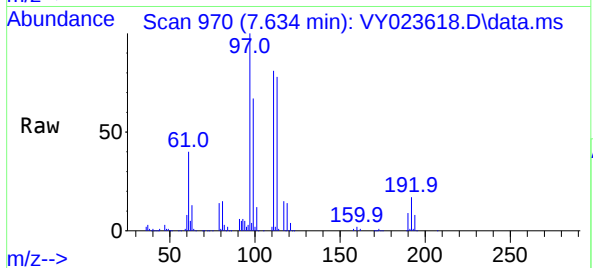




#35
Dibromofluoromethane
Concen: 50.686 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

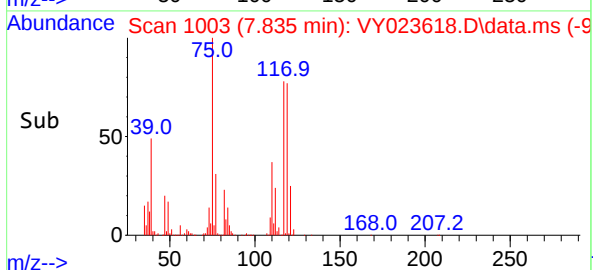
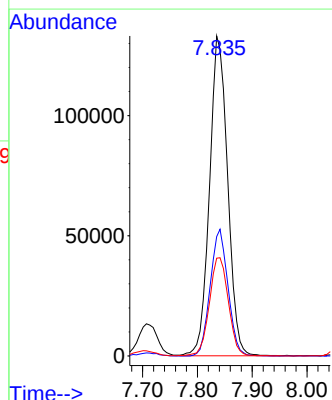
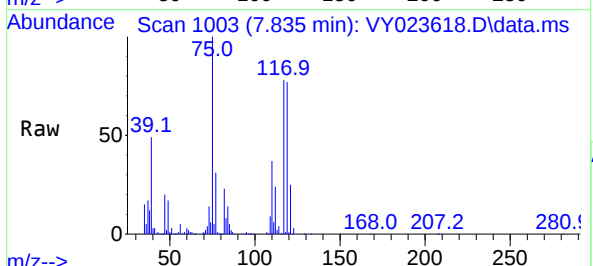
Instrument :
MSVOA_Y
ClientSampleId :

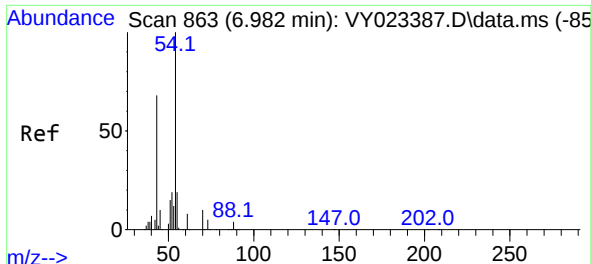
Tgt Ion:113 Resp: 219054
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 22.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 53.225 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 75 Resp: 304531
Ion Ratio Lower Upper
75 100
110 38.8 19.9 59.7
77 32.3 25.0 37.6

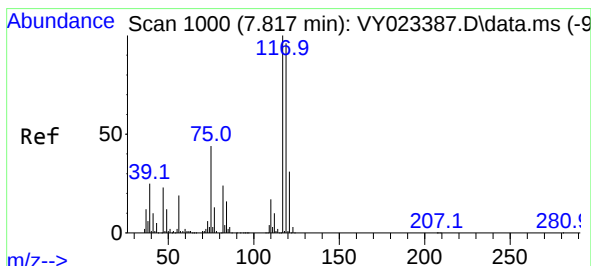
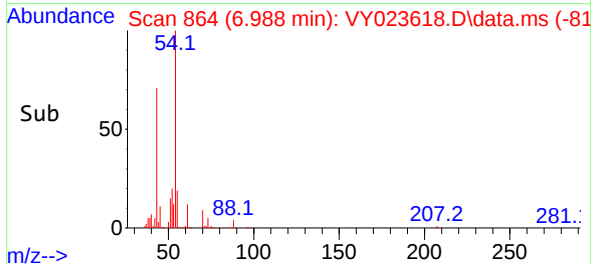
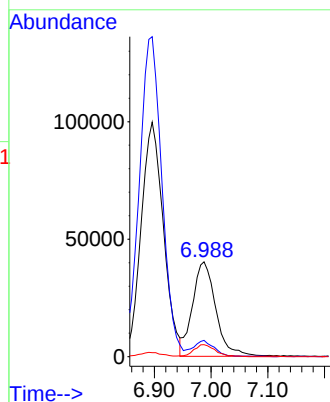
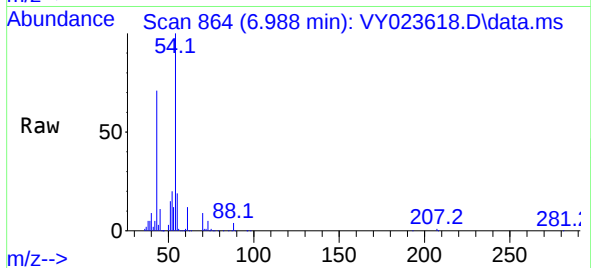




#37
Ethyl Acetate
Concen: 50.663 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

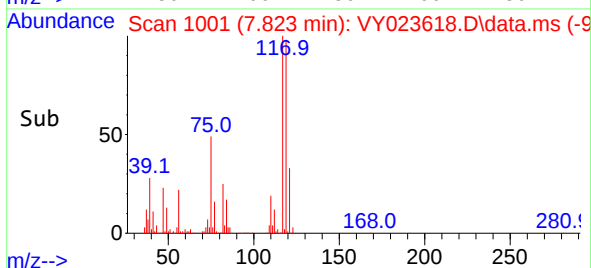
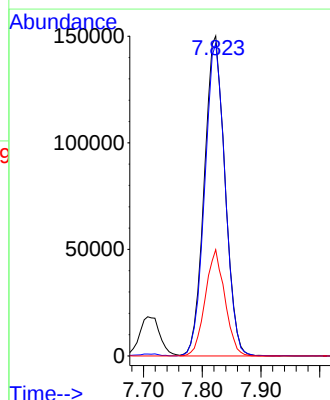
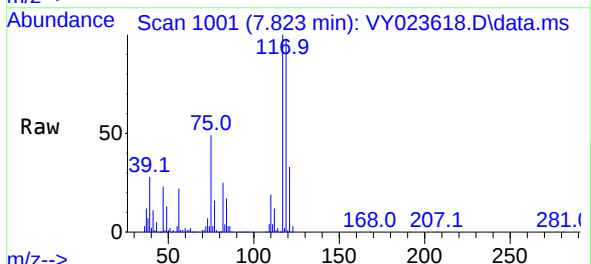
Instrument :
MSVOA_Y
ClientSampleId :

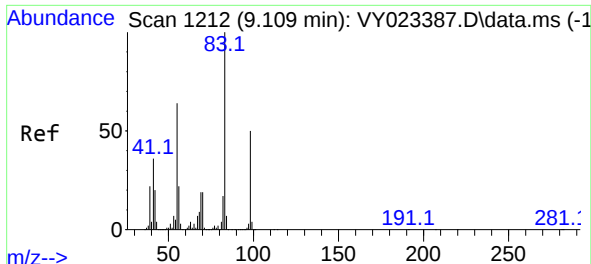
Tgt Ion: 43 Resp: 114840
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.8
70 11.8 10.5 15.7



#38
Carbon Tetrachloride
Concen: 52.746 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 117 Resp: 365938
Ion Ratio Lower Upper
117 100
119 97.6 76.8 115.2
121 33.2 24.5 36.7

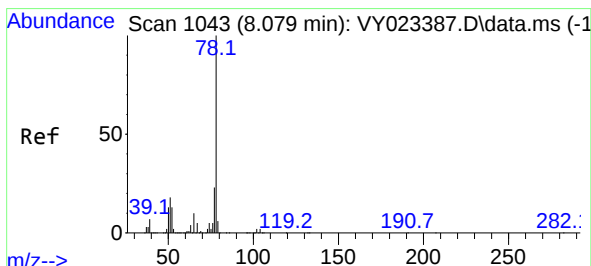
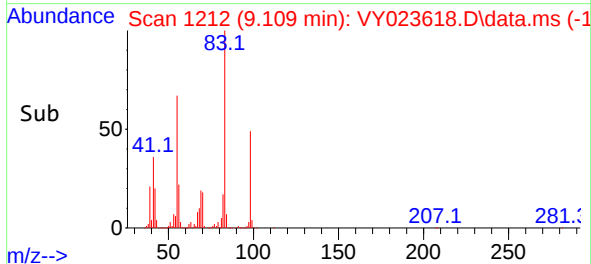
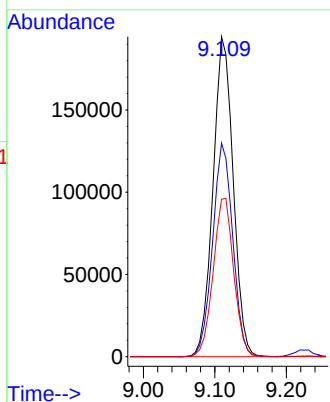
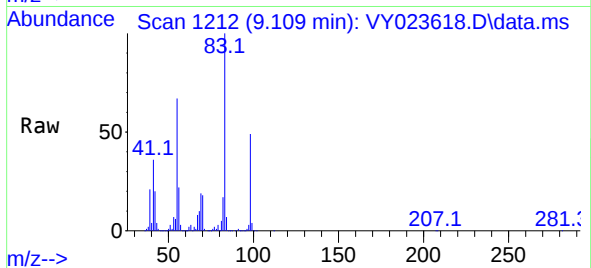




#39
Methylcyclohexane
Concen: 51.210 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

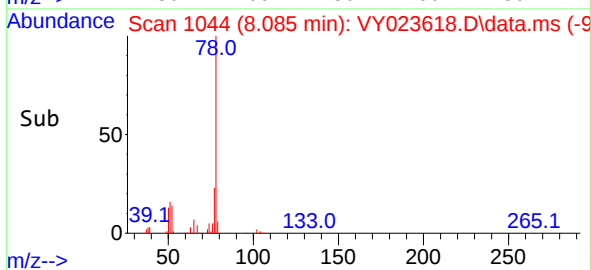
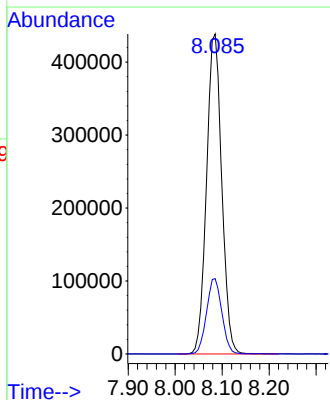
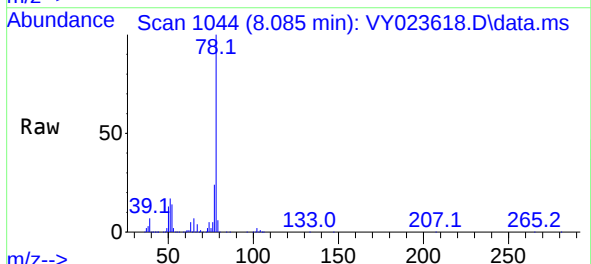
Instrument :
MSVOA_Y
ClientSampleId :

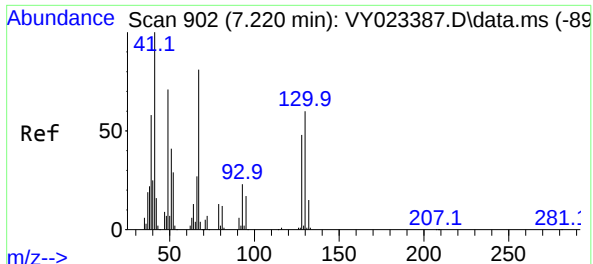
Tgt Ion: 83 Resp: 381493
Ion Ratio Lower Upper
83 100
55 66.7 51.4 77.2
98 49.2 40.4 60.6



#40
Benzene
Concen: 54.073 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

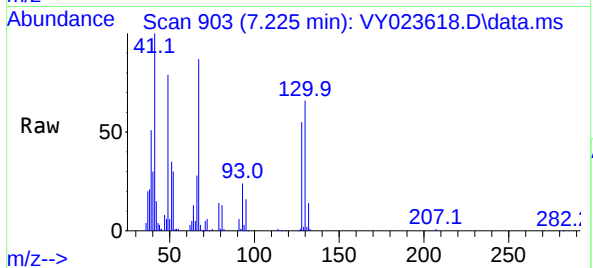
Tgt Ion: 78 Resp: 979797
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5





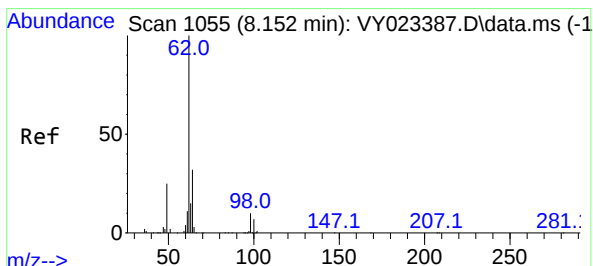
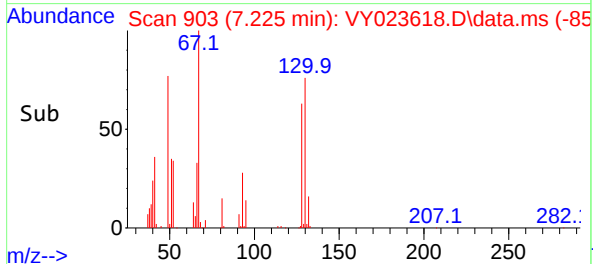
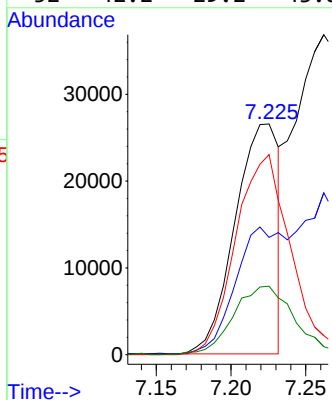
#41
Methacrylonitrile
Concen: 44.280 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 54284

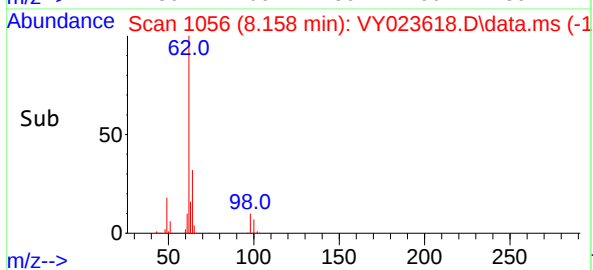
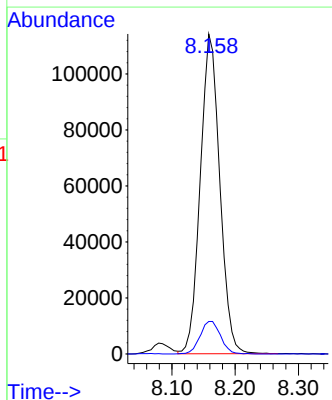
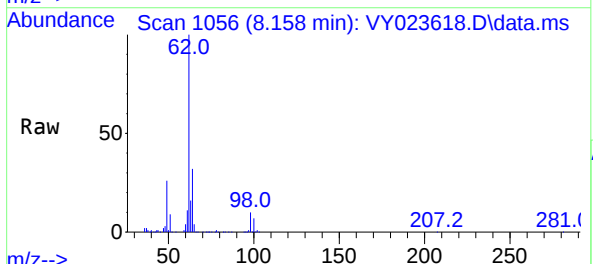
Ion	Ratio	Lower	Upper
41	100		
39	63.7	52.2	78.4
67	109.4	74.9	112.3
52	42.2	29.2	43.8

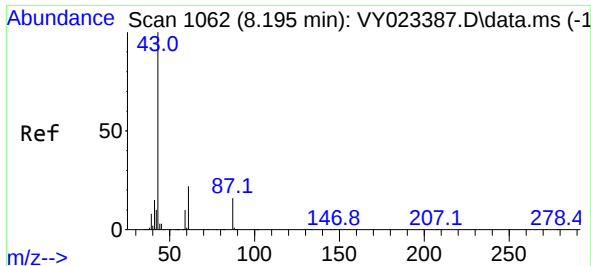


#42
1,2-Dichloroethane
Concen: 52.392 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 62 Resp: 244832

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.6

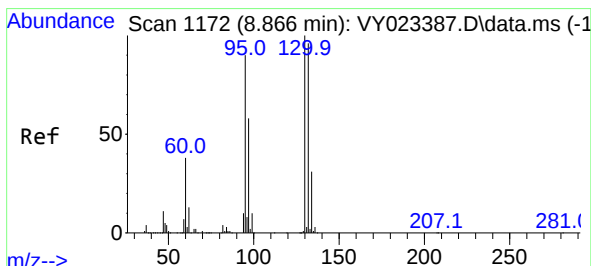
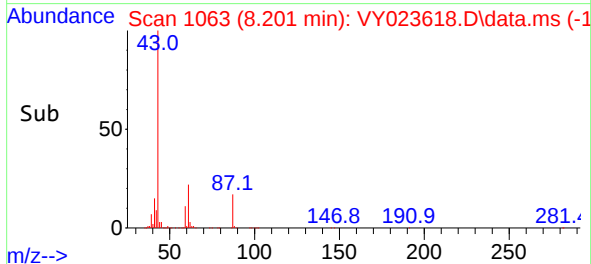
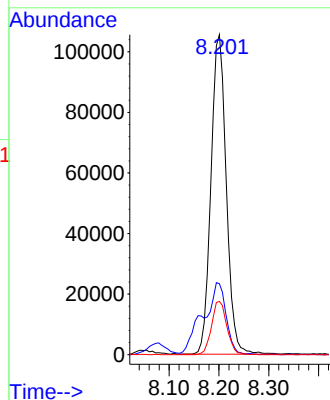
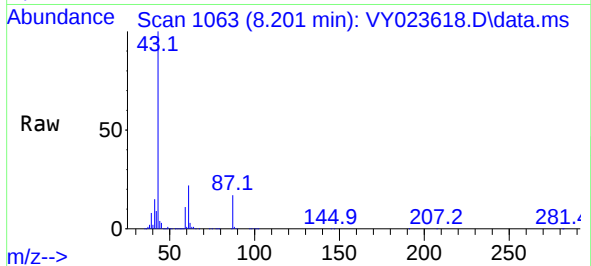




#43
Isopropyl Acetate
Concen: 49.820 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

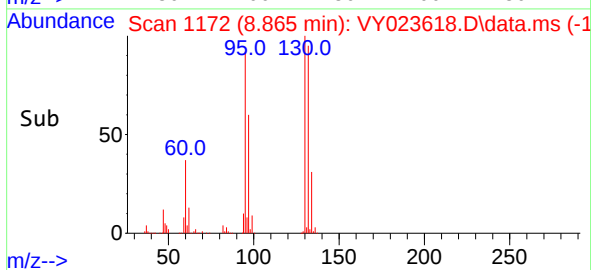
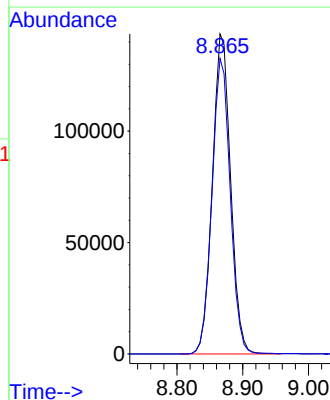
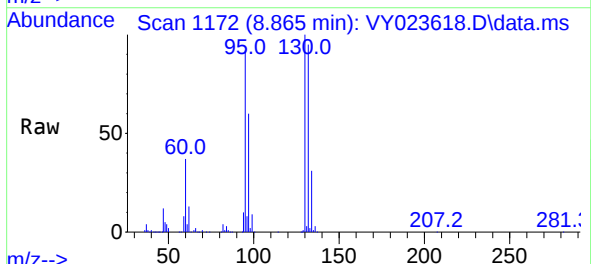
Instrument :
MSVOA_Y
ClientSampleId :

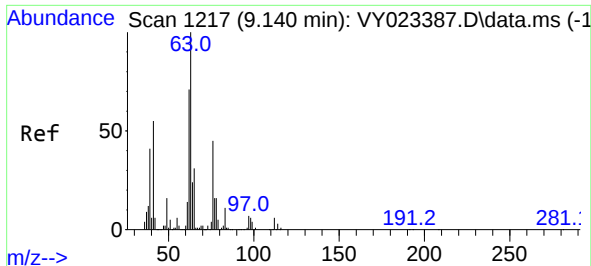
Tgt Ion: 43 Resp: 225179
Ion Ratio Lower Upper
43 100
61 23.6 18.1 27.1
87 16.7 13.5 20.3



#44
Trichloroethene
Concen: 52.214 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:130 Resp: 276915
Ion Ratio Lower Upper
130 100
95 92.3 0.0 180.6





#45

1,2-Dichloropropane

Concen: 55.277 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Instrument :

MSVOA_Y

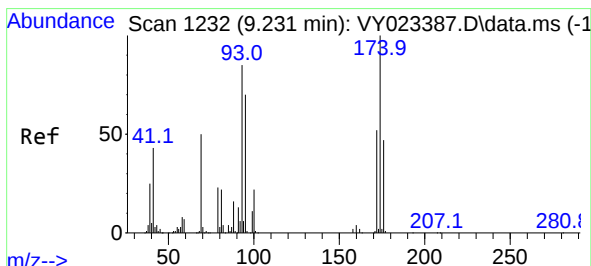
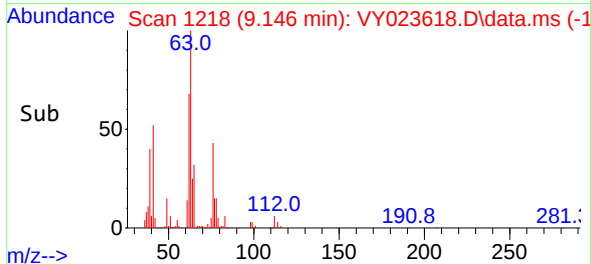
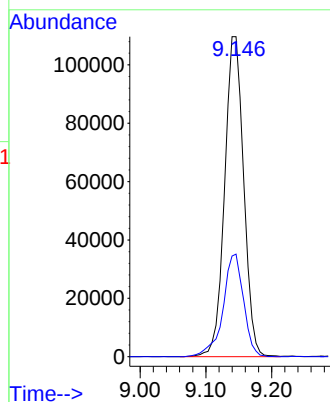
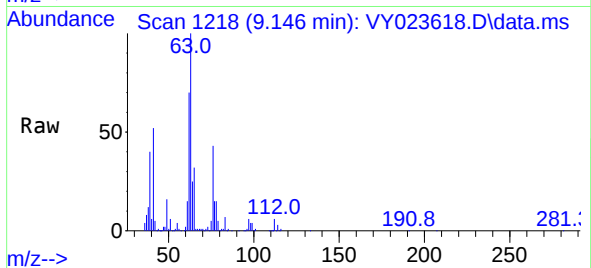
ClientSampleId :

Tgt Ion: 63 Resp: 221229

Ion Ratio Lower Upper

63 100

65 32.0 24.9 37.3



#46

Dibromomethane

Concen: 52.790 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

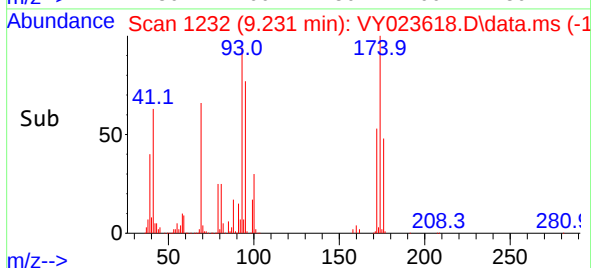
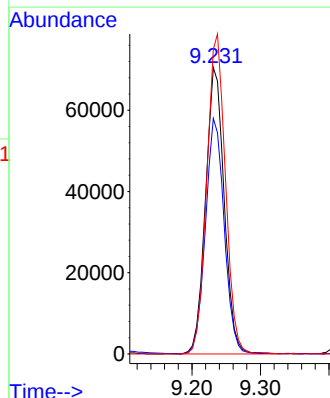
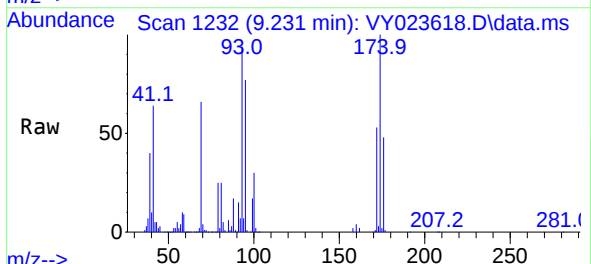
Tgt Ion: 93 Resp: 133596

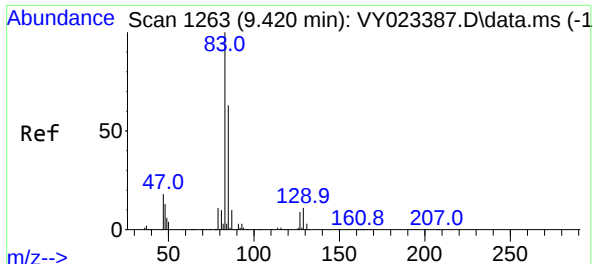
Ion Ratio Lower Upper

93 100

95 82.6 65.4 98.0

174 111.3 92.9 139.3





#47

Bromodichloromethane

Concen: 55.122 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

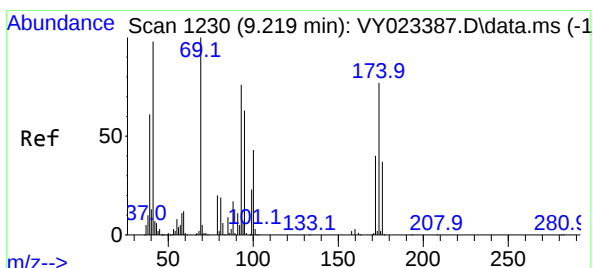
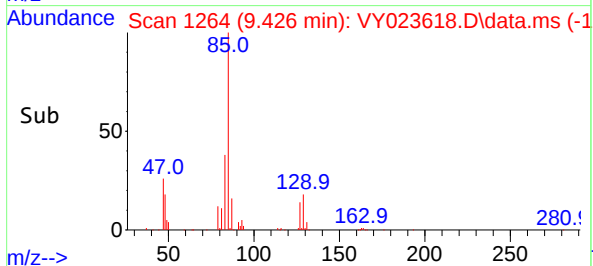
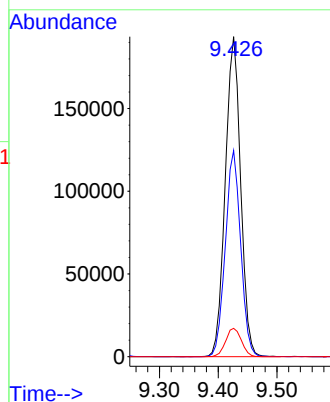
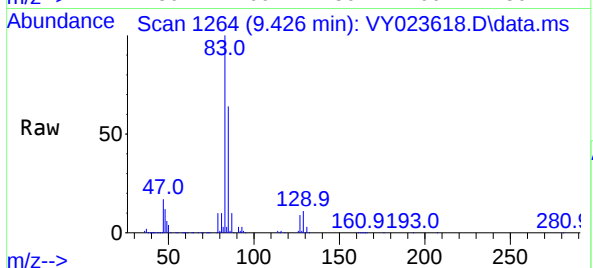
Tgt Ion: 83 Resp: 351335

Ion Ratio Lower Upper

83 100

85 64.4 50.8 76.2

127 8.9 7.4 11.2



#48

Methyl methacrylate

Concen: 52.664 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

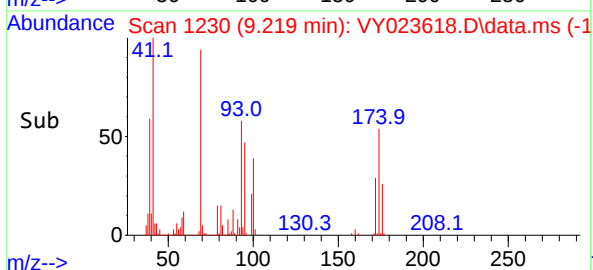
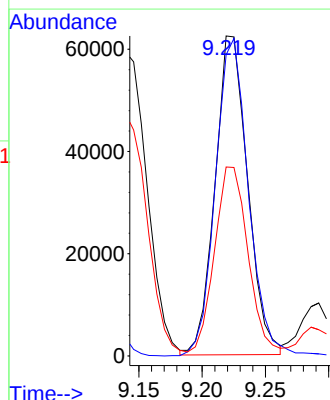
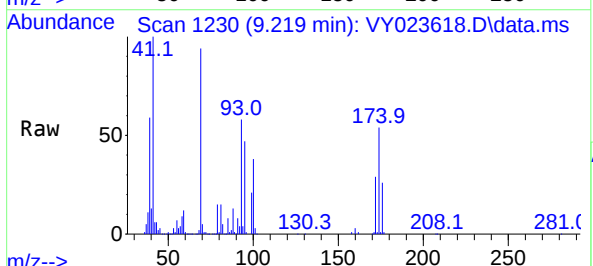
Tgt Ion: 41 Resp: 111828

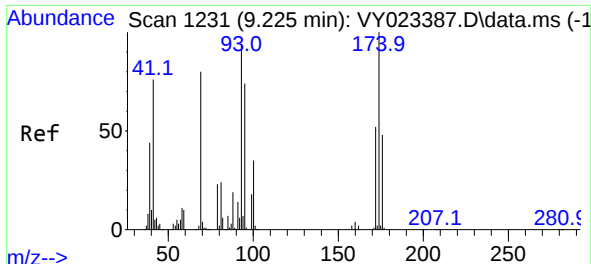
Ion Ratio Lower Upper

41 100

69 101.5 81.0 121.4

39 59.0 48.2 72.4

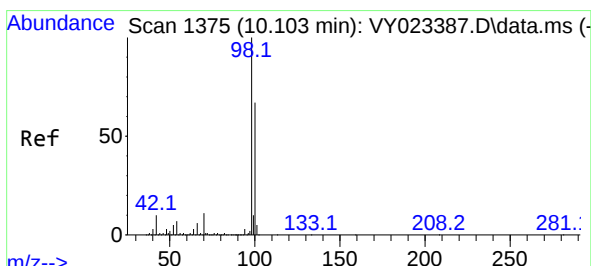
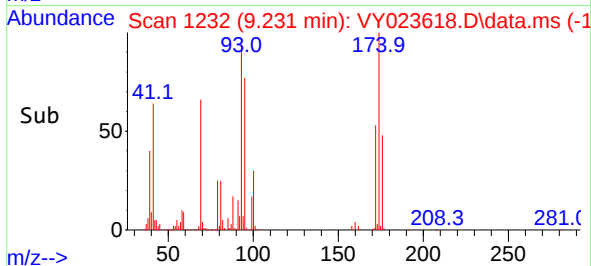
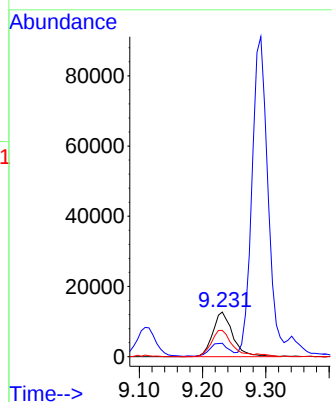
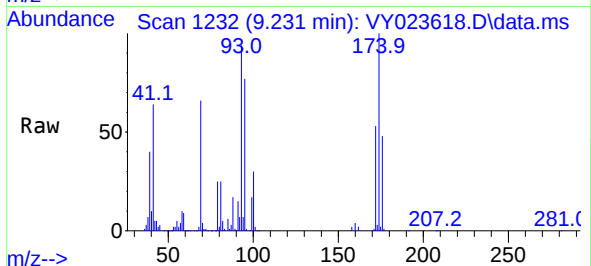




#49
1,4-Dioxane
Concen: 947.521 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

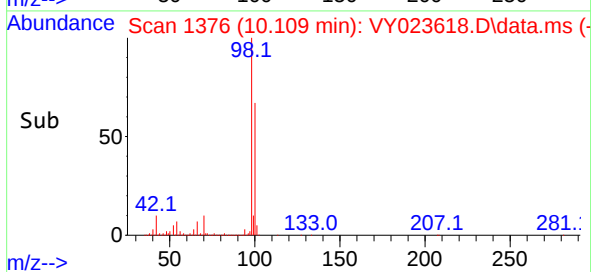
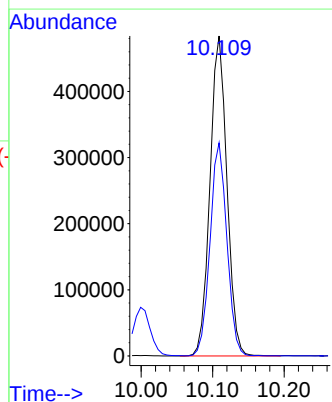
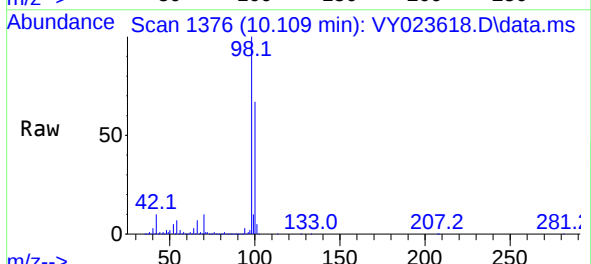
Instrument :
MSVOA_Y
ClientSampleId :

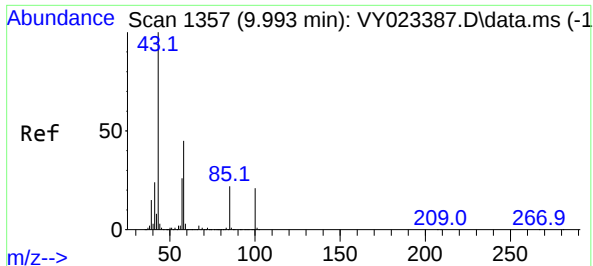
Tgt Ion: 88 Resp: 27802
Ion Ratio Lower Upper
88 100
43 27.4 21.8 32.8
58 61.1 46.8 70.2



#50
Toluene-d8
Concen: 49.432 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 98 Resp: 795589
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

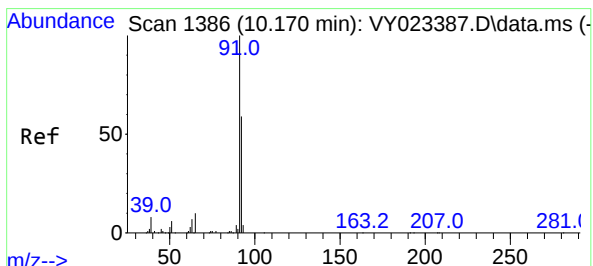
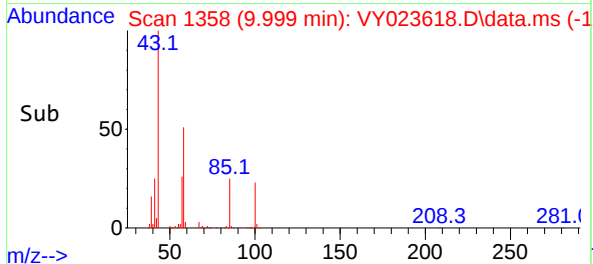
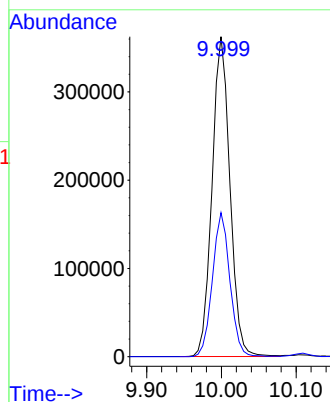
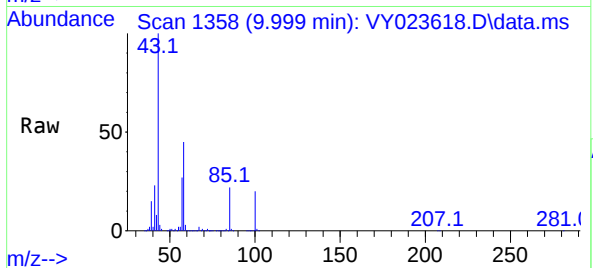




#51
4-Methyl-2-Pentanone
Concen: 258.822 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

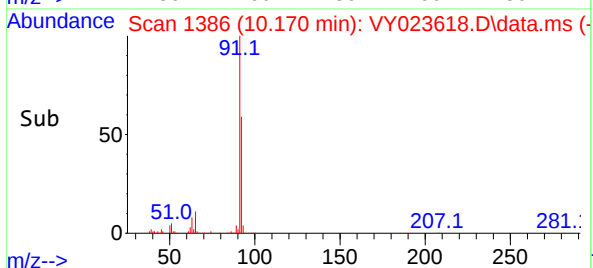
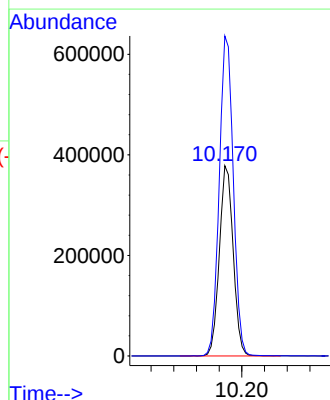
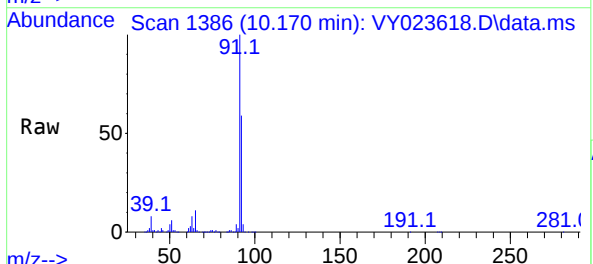
Instrument :
MSVOA_Y
ClientSampleId :

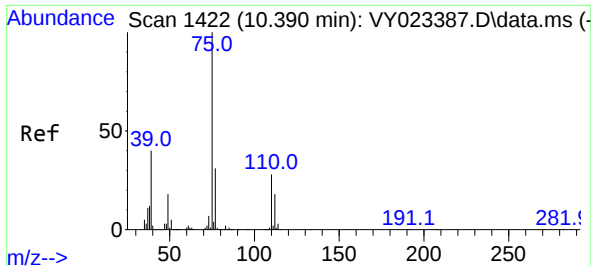
Tgt Ion: 43 Resp: 604422
Ion Ratio Lower Upper
43 100
58 44.1 35.3 52.9



#52
Toluene
Concen: 54.291 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 92 Resp: 638729
Ion Ratio Lower Upper
92 100
91 170.8 136.4 204.6

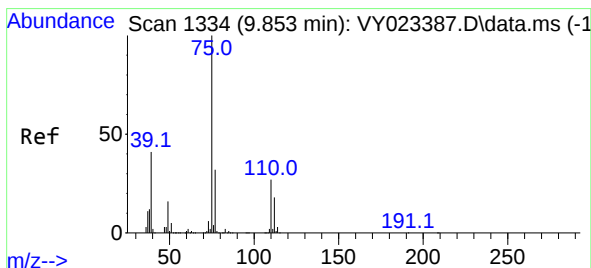
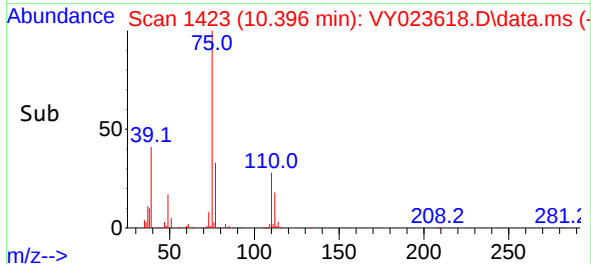
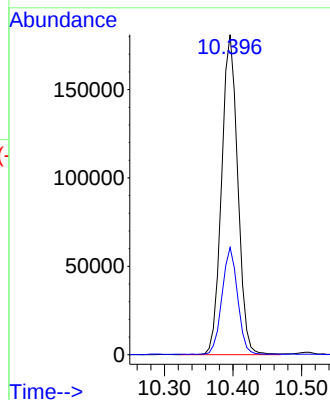
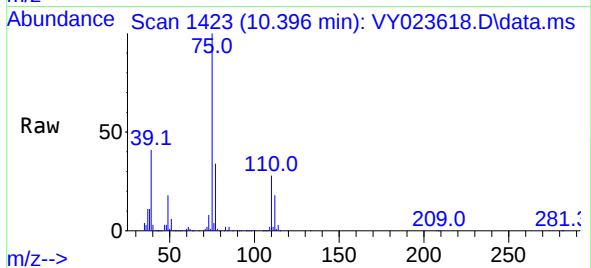




#53
t-1,3-Dichloropropene
Concen: 53.378 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

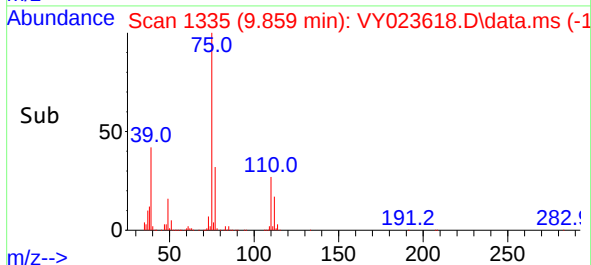
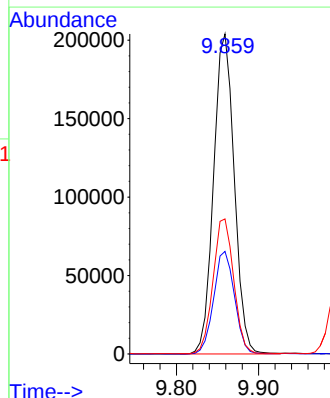
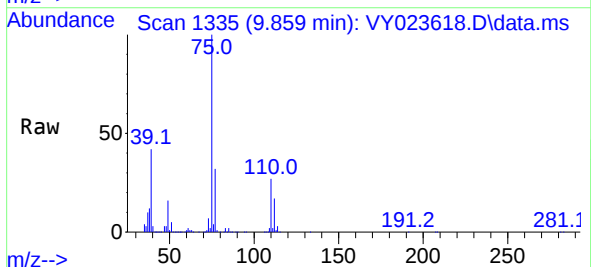
Instrument :
MSVOA_Y
ClientSampleId :

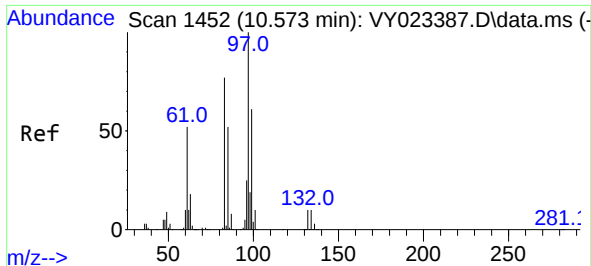
Tgt Ion: 75 Resp: 295823
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 54.502 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 75 Resp: 356492
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 42.1 32.8 49.2



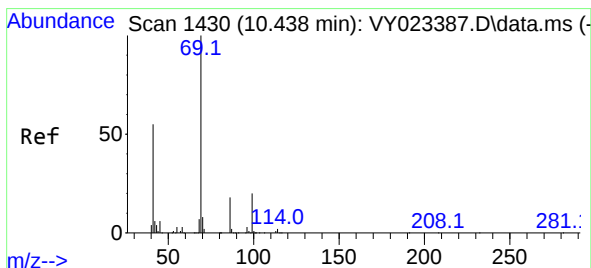
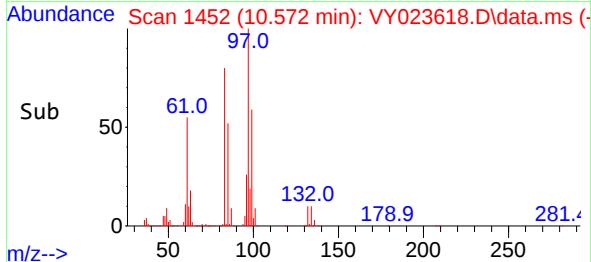
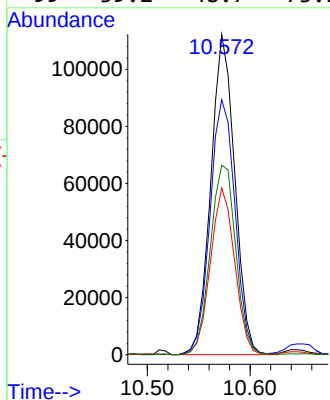
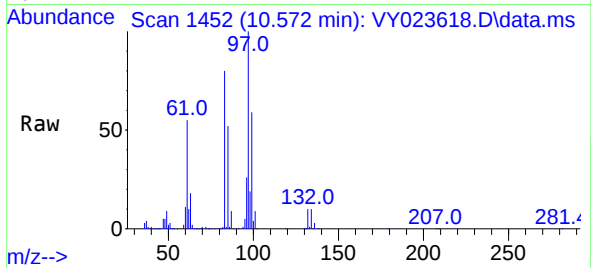


#55
1,1,2-Trichloroethane
Concen: 53.501 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 182072

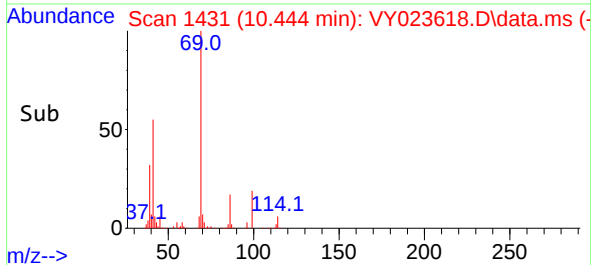
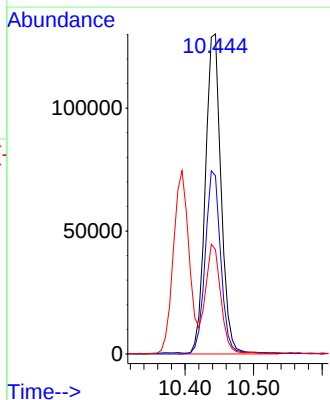
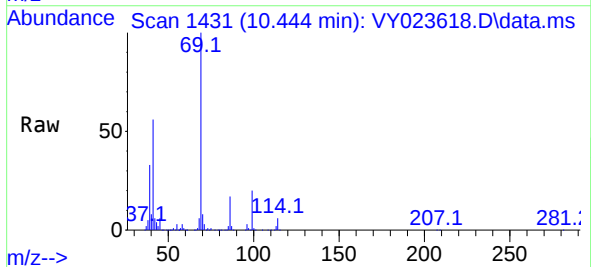
Ion	Ratio	Lower	Upper
97	100		
83	79.6	61.8	92.6
85	52.1	41.3	61.9
99	59.2	48.7	73.1

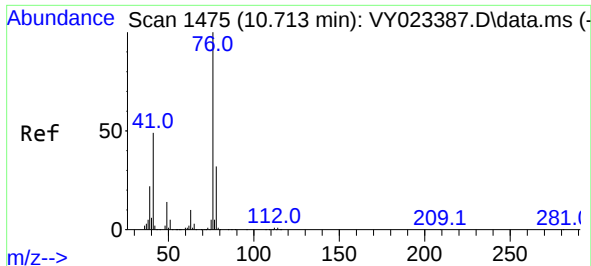


#56
Ethyl methacrylate
Concen: 53.008 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 69 Resp: 208090

Ion	Ratio	Lower	Upper
69	100		
41	55.6	44.6	67.0
39	31.9	27.0	40.4





#57

1,3-Dichloropropane

Concen: 53.763 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Instrument :

MSVOA_Y

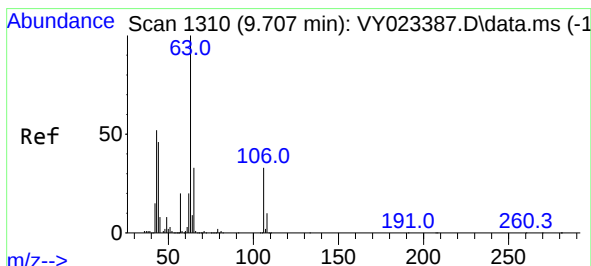
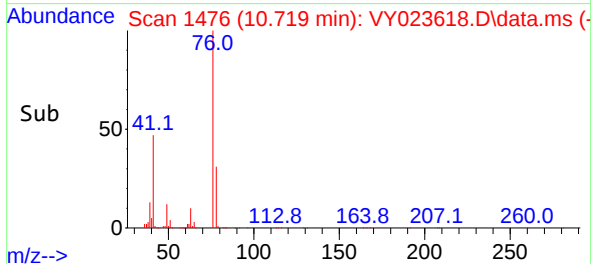
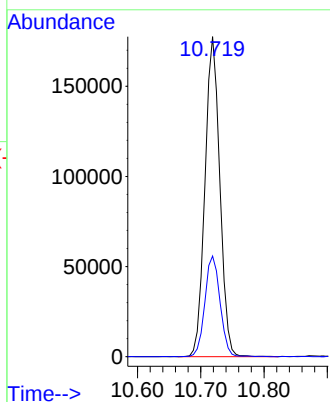
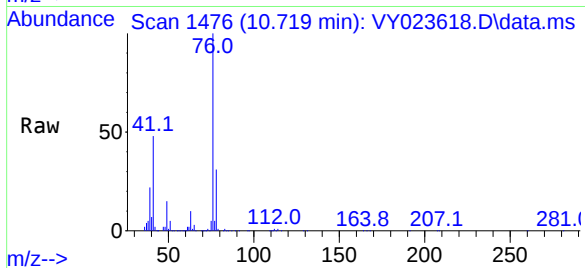
ClientSampleId :

Tgt Ion: 76 Resp: 289927

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 275.829 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023618.D

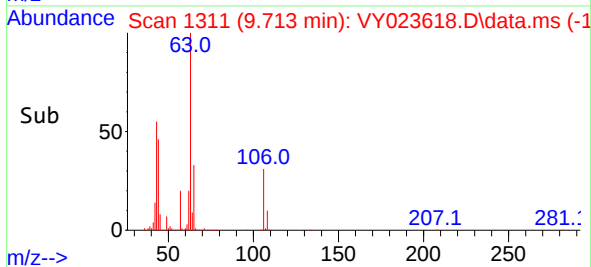
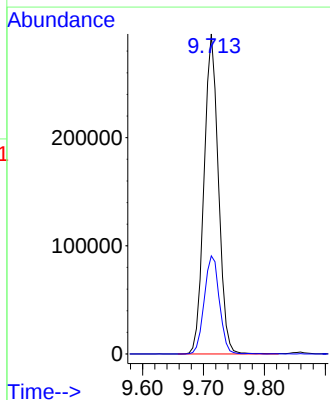
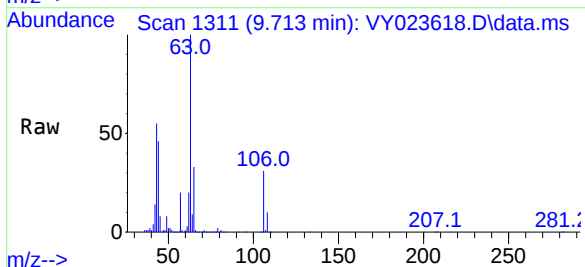
Acq: 29 Oct 2025 14:42

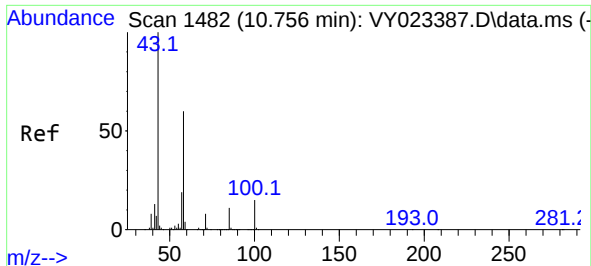
Tgt Ion: 63 Resp: 485065

Ion Ratio Lower Upper

63 100

106 32.3 26.6 39.8

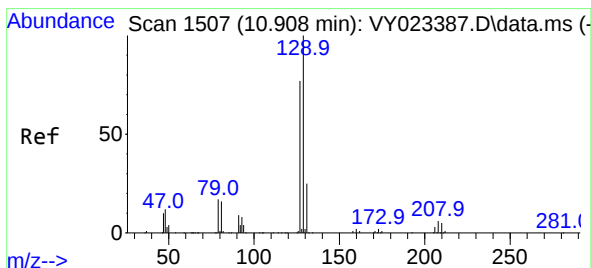
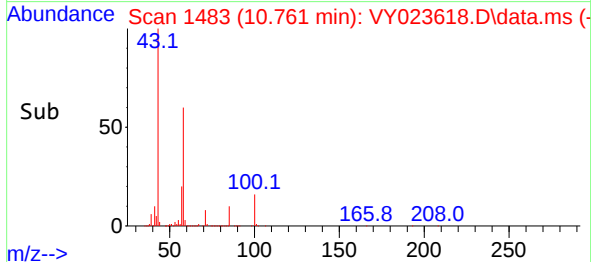
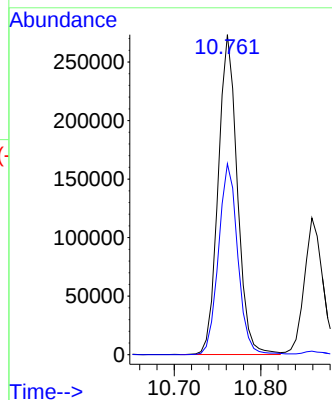
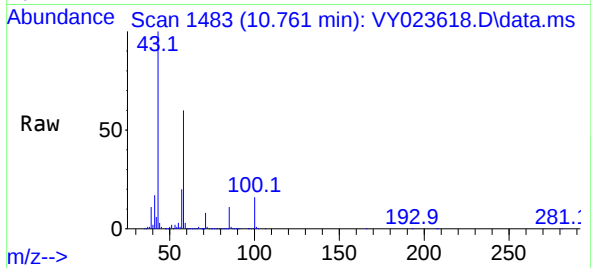




#59
2-Hexanone
Concen: 251.418 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

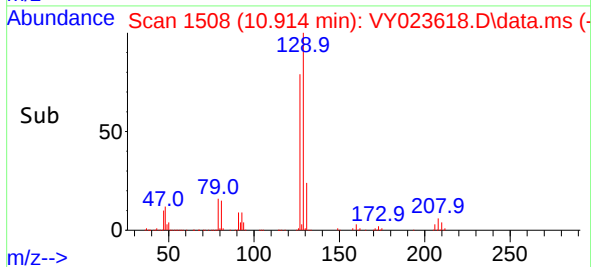
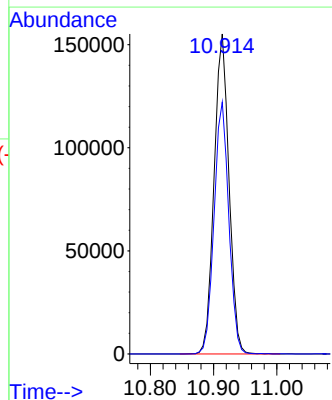
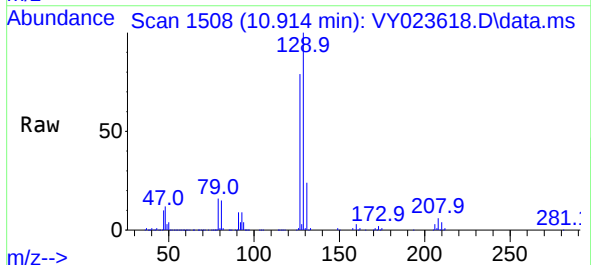
Instrument :
MSVOA_Y
ClientSampleId :

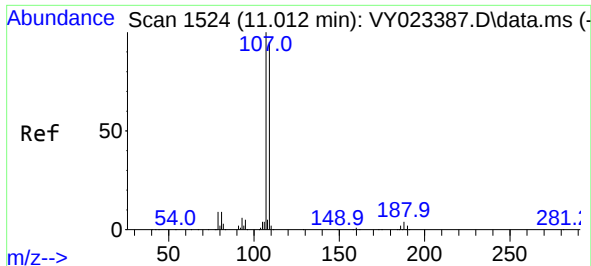
Tgt Ion: 43 Resp: 419590
Ion Ratio Lower Upper
43 100
58 60.1 30.5 91.5



#60
Dibromochloromethane
Concen: 53.168 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:129 Resp: 253682
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

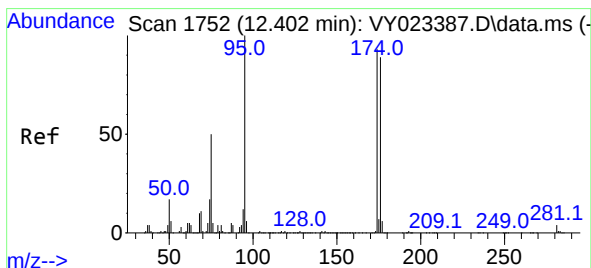
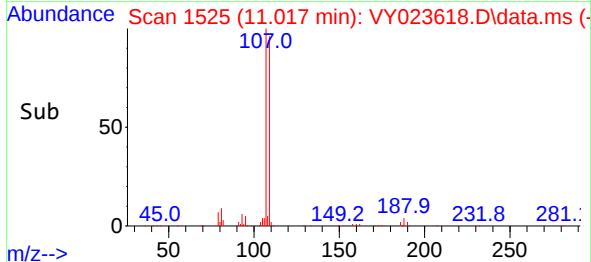
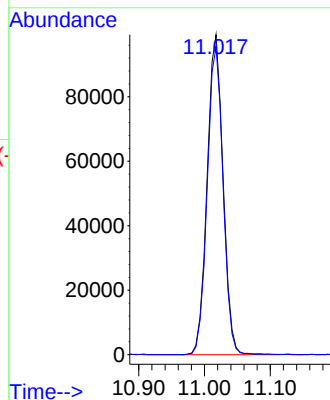
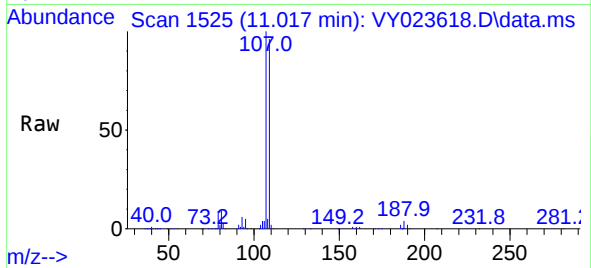




#61
1,2-Dibromoethane
Concen: 51.545 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

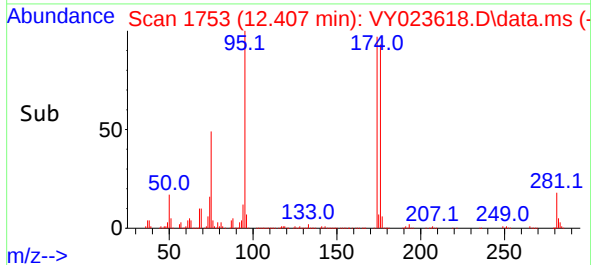
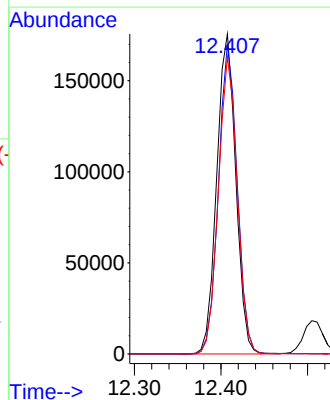
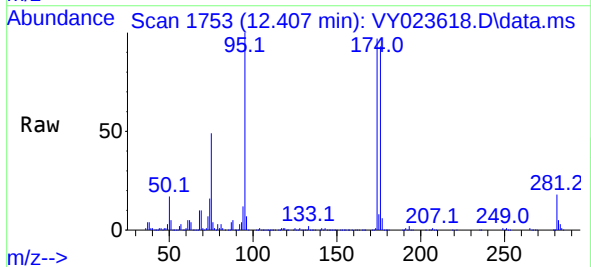
Instrument :
MSVOA_Y
ClientSampleId :

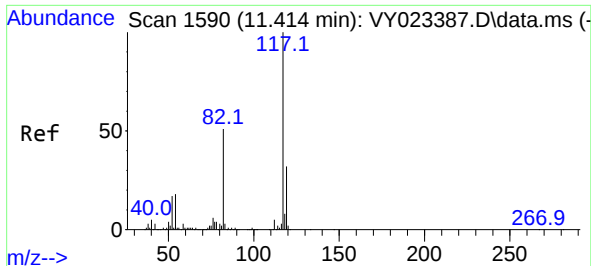
Tgt Ion:107 Resp: 167293
Ion Ratio Lower Upper
107 100
109 95.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 50.624 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 95 Resp: 269000
Ion Ratio Lower Upper
95 100
174 94.9 0.0 192.8
176 91.9 0.0 187.6

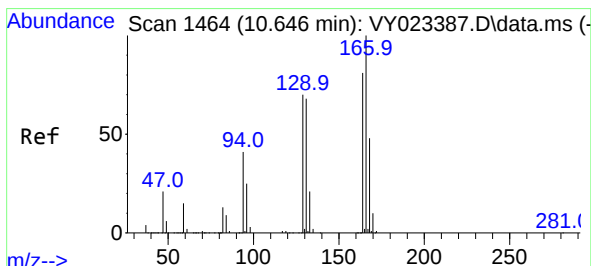
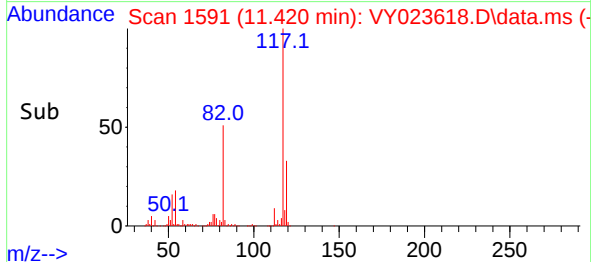
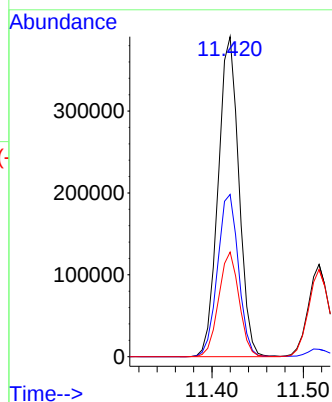
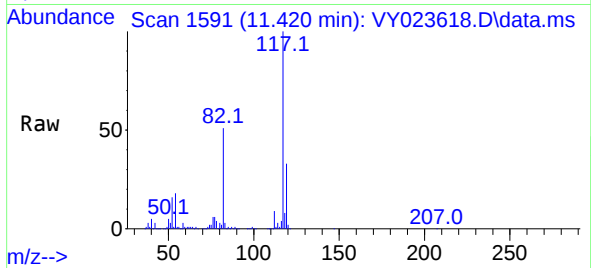




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

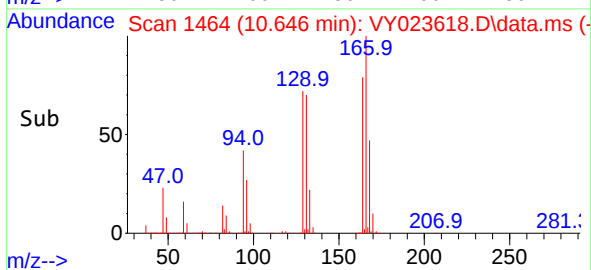
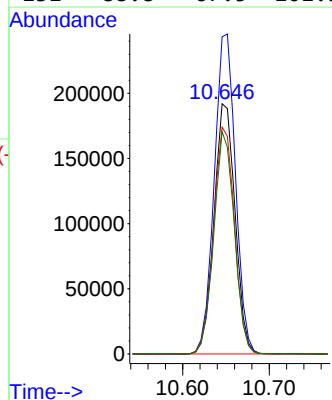
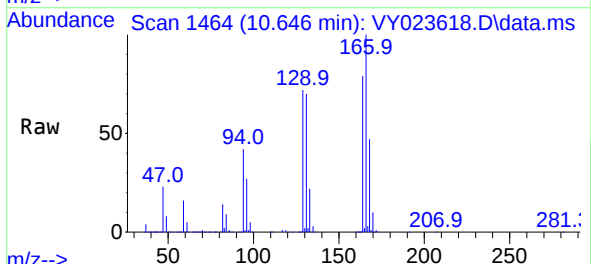
Instrument :
MSVOA_Y
ClientSampleId :

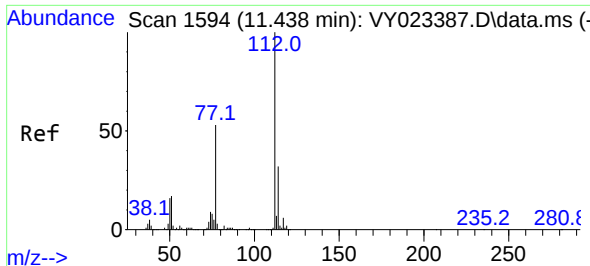
Tgt Ion:117 Resp: 615765
Ion Ratio Lower Upper
117 100
82 50.7 41.0 61.4
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 51.258 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:164 Resp: 325898
Ion Ratio Lower Upper
164 100
166 126.8 99.4 149.0
129 90.7 69.4 104.2
131 88.8 67.5 101.3

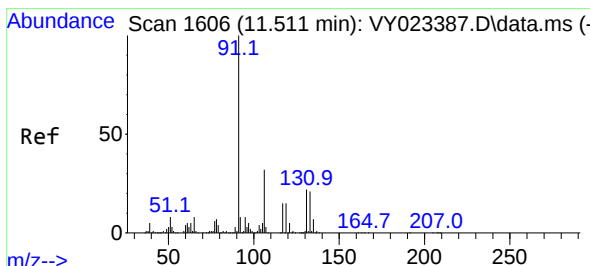
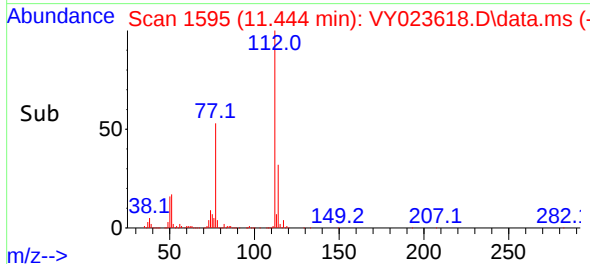
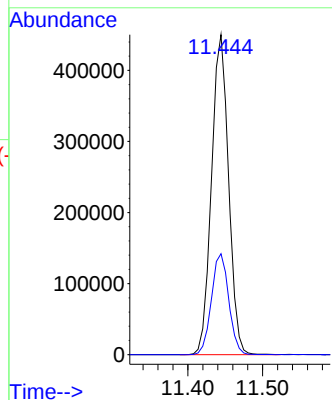
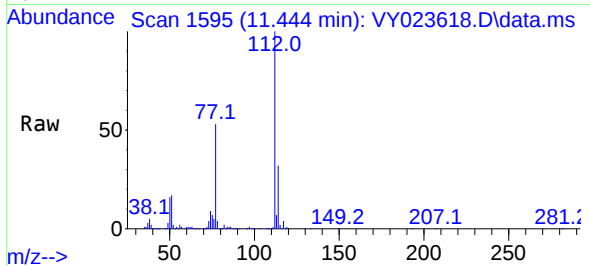




#65
Chlorobenzene
Concen: 53.238 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

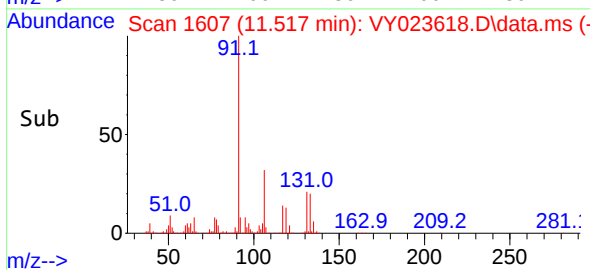
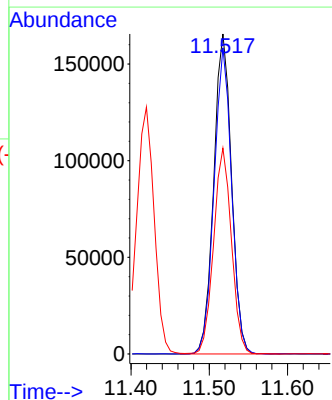
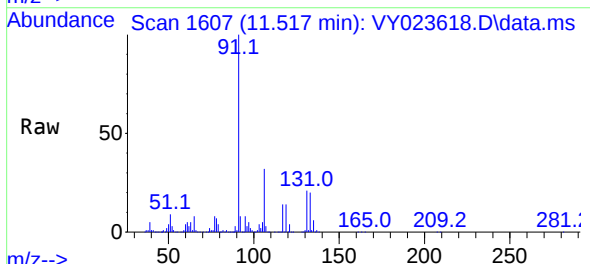
Instrument :
MSVOA_Y
ClientSampleId :

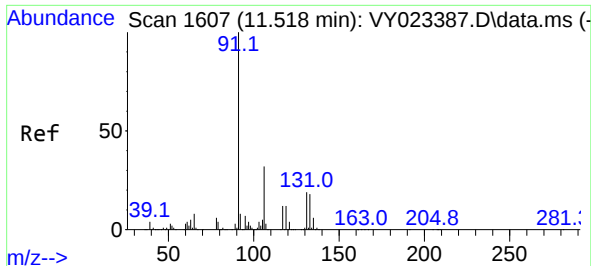
Tgt Ion:112 Resp: 713000
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.677 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:131 Resp: 260944
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.2
119 64.5 32.4 97.2





#67

Ethyl Benzene

Concen: 55.332 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Instrument :

MSVOA_Y

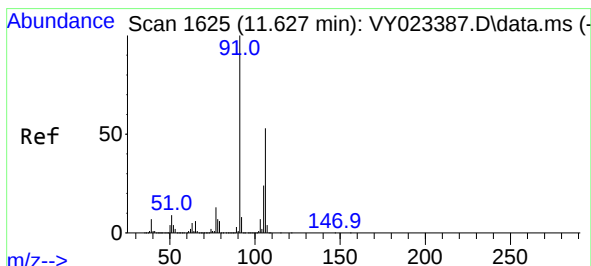
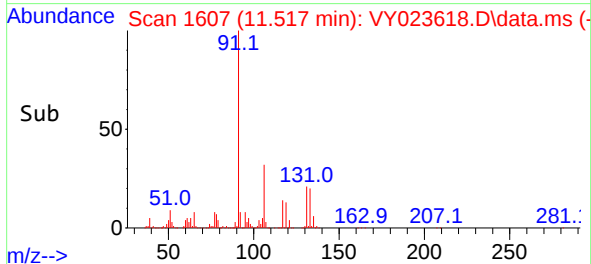
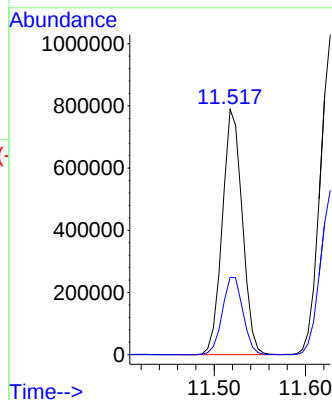
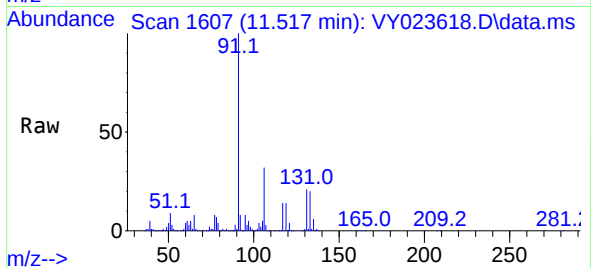
ClientSampleId :

Tgt Ion: 91 Resp: 1199527

Ion Ratio Lower Upper

91 100

106 31.5 25.8 38.8



#68

m/p-Xylenes

Concen: 111.311 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023618.D

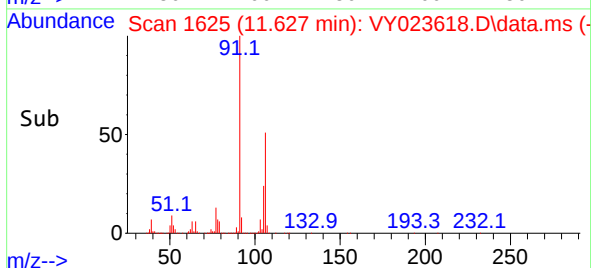
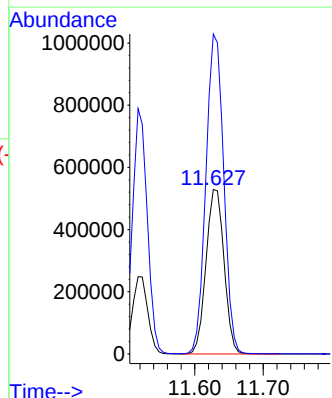
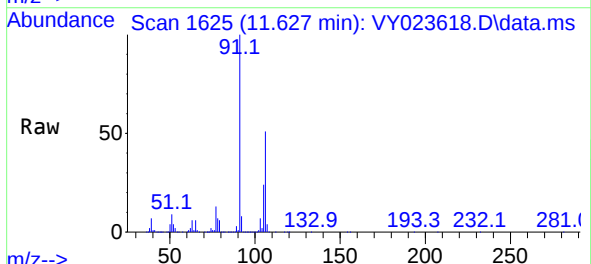
Acq: 29 Oct 2025 14:42

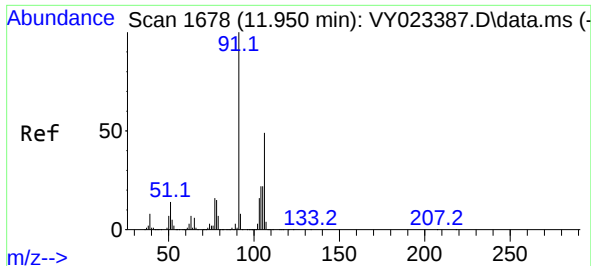
Tgt Ion:106 Resp: 967872

Ion Ratio Lower Upper

106 100

91 192.2 152.6 229.0

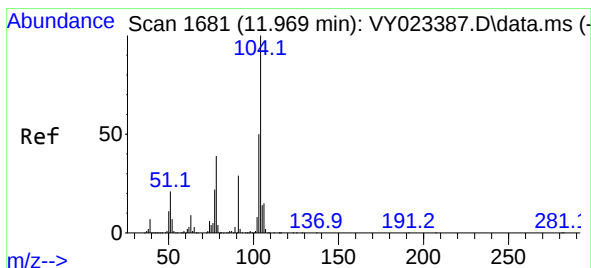
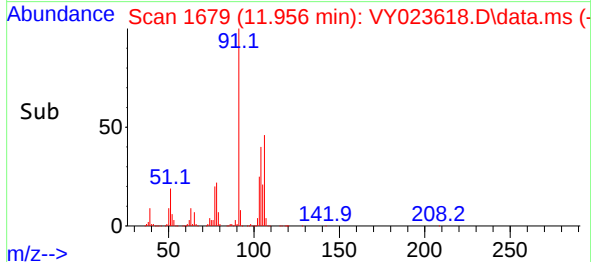
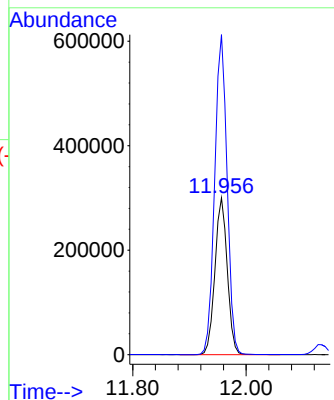
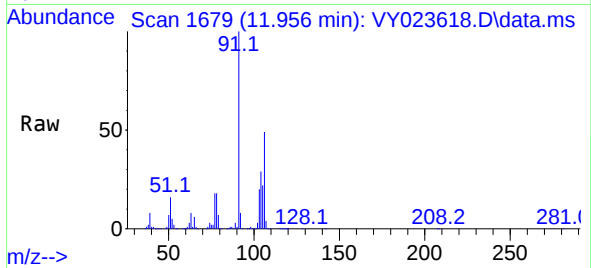




#69
o-Xylene
Concen: 55.479 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

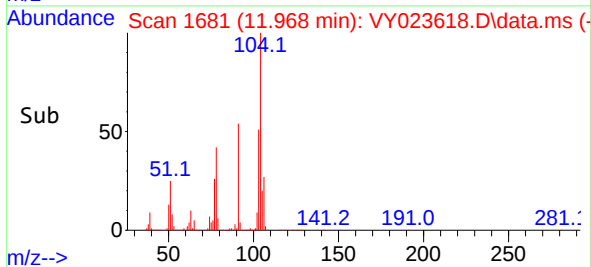
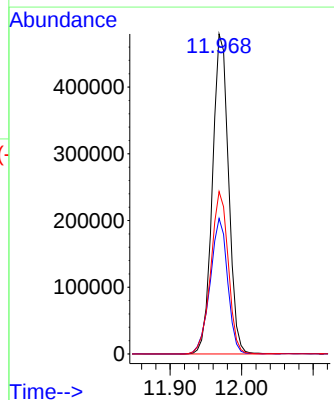
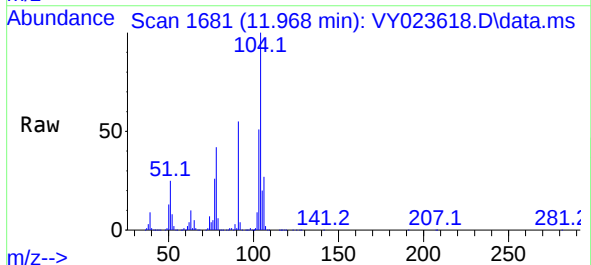
Instrument :
MSVOA_Y
ClientSampleId :

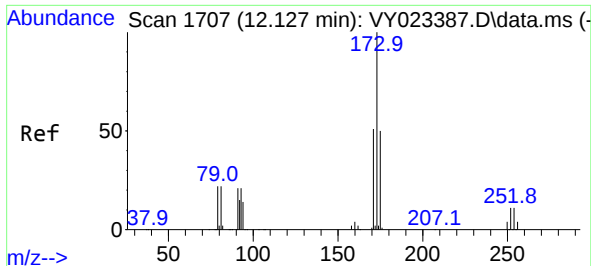
Tgt Ion:106 Resp: 452479
Ion Ratio Lower Upper
106 100
91 205.0 101.4 304.1



#70
Styrene
Concen: 56.142 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:104 Resp: 752970
Ion Ratio Lower Upper
104 100
78 45.7 36.1 54.1
103 54.8 43.2 64.8

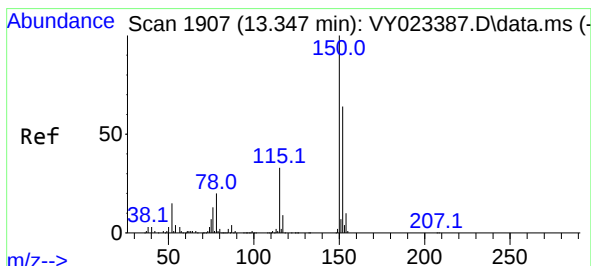
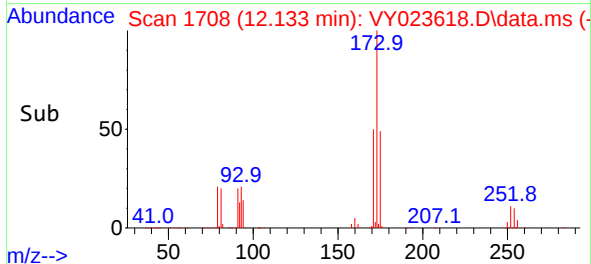
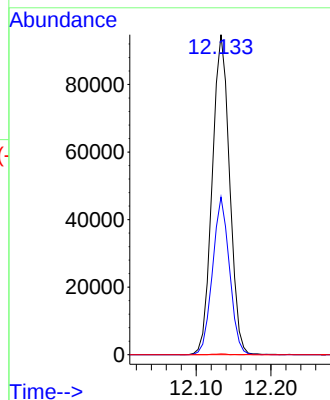
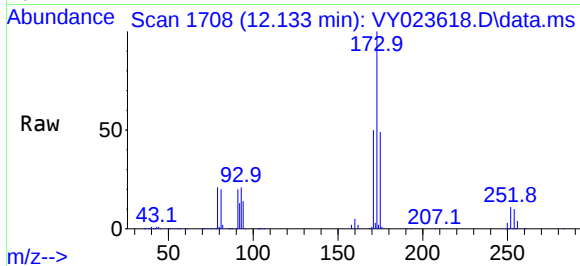




#71
Bromoform
Concen: 51.645 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

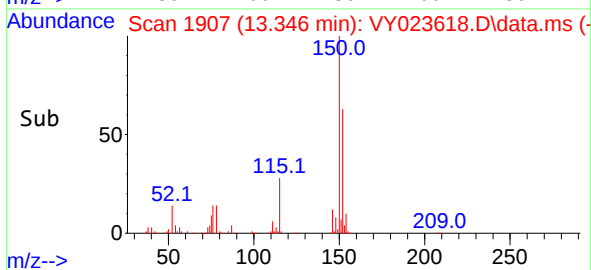
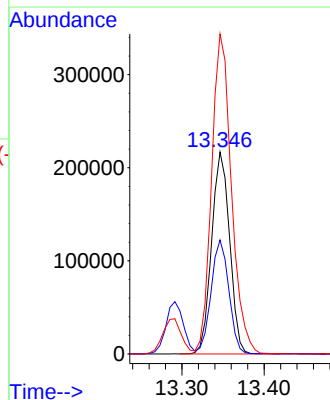
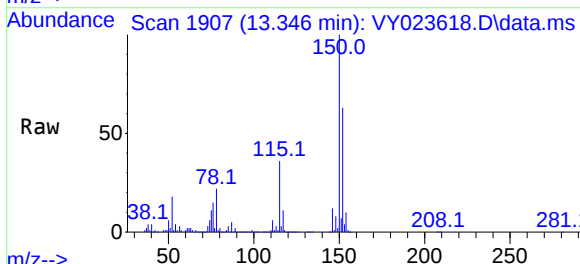
Instrument :
MSVOA_Y
ClientSampleId :

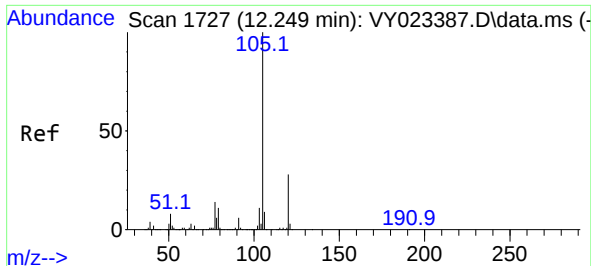
Tgt Ion:173 Resp: 152886
Ion Ratio Lower Upper
173 100
175 47.9 24.8 74.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:152 Resp: 329887
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.2
150 174.7 0.0 347.4

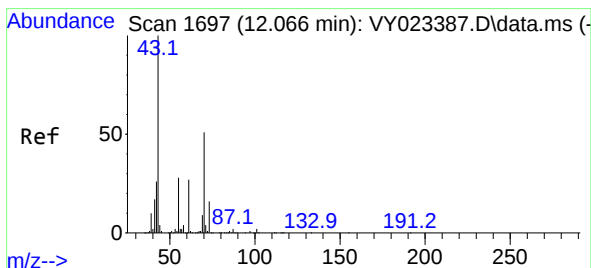
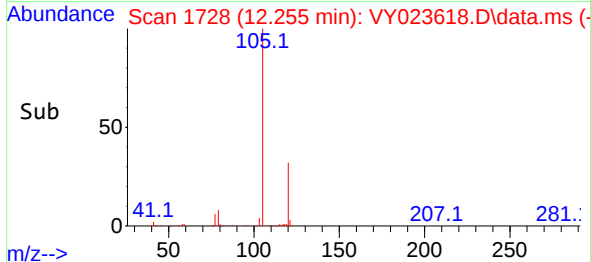
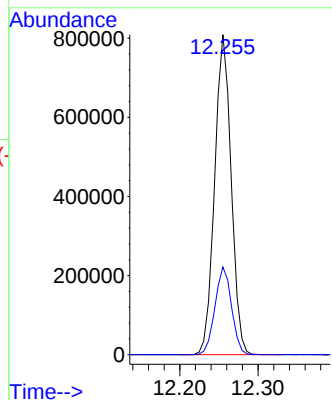
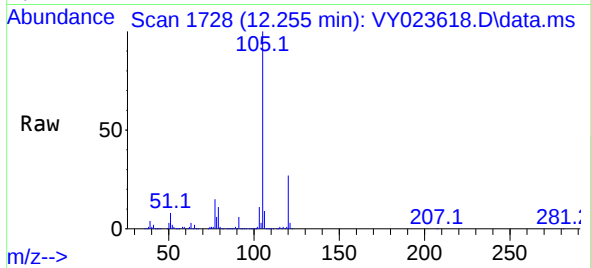




#73
Isopropylbenzene
Concen: 54.516 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

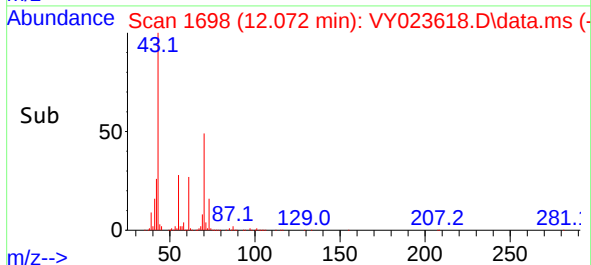
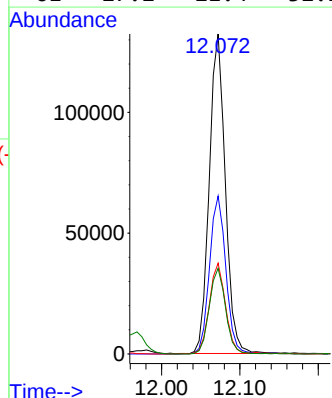
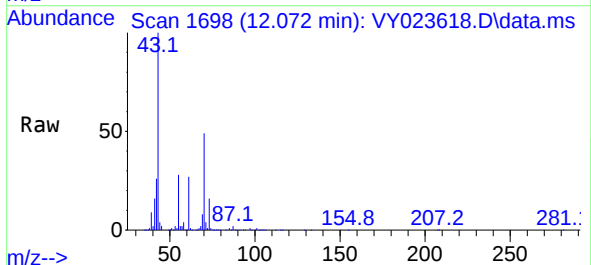
Instrument :
MSVOA_Y
ClientSampleId :

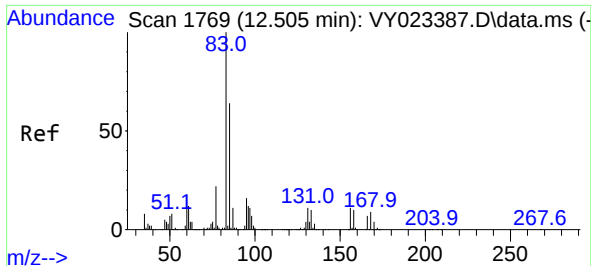
Tgt Ion:105 Resp: 1185167
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.7



#74
N-ethyl acetate
Concen: 48.095 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 43 Resp: 187801
Ion Ratio Lower Upper
43 100
70 50.6 41.1 61.7
55 29.2 23.0 34.6
61 27.2 21.4 32.2

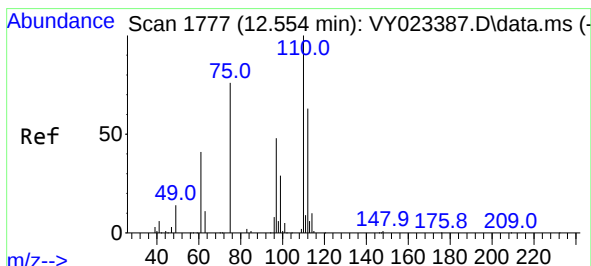
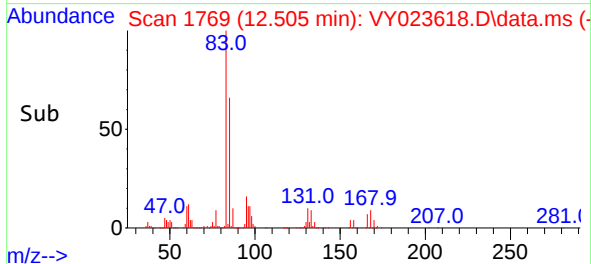
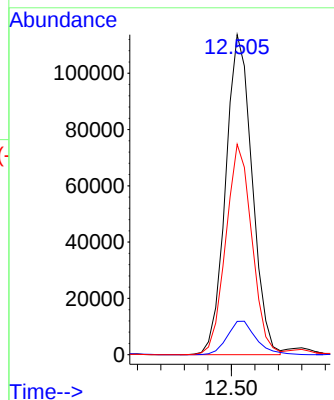
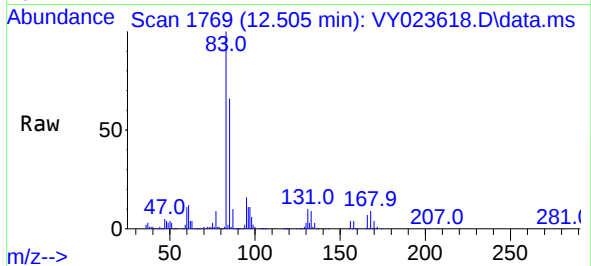




#75
1,1,2,2-Tetrachloroethane
Concen: 50.048 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

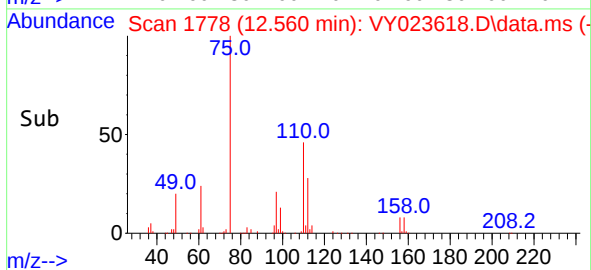
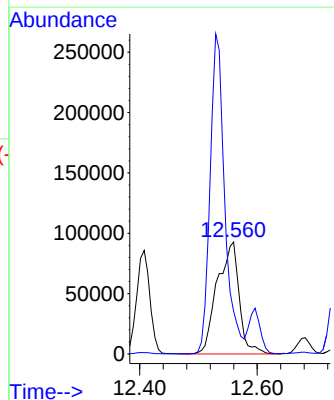
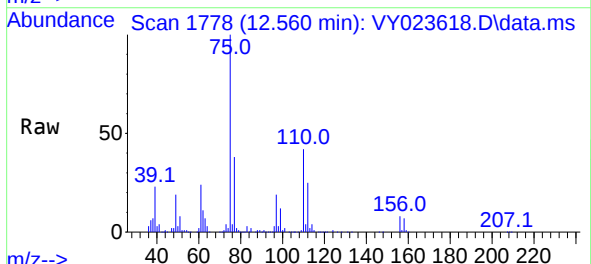
Instrument :
MSVOA_Y
ClientSampleId :

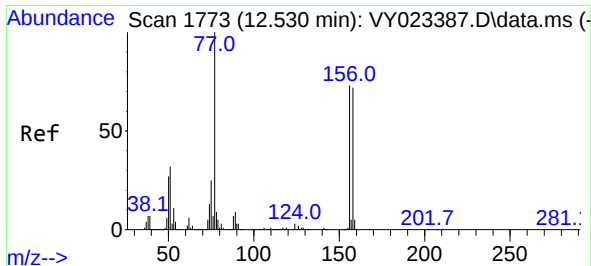
Tgt Ion: 83 Resp: 177958
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 65.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 82.744 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 75 Resp: 240826
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

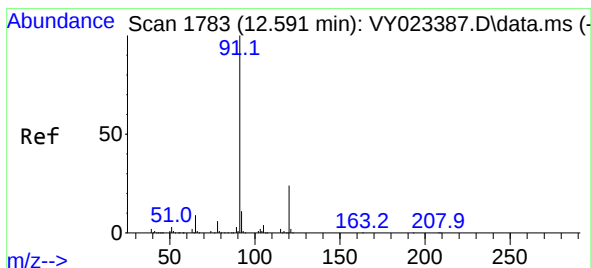
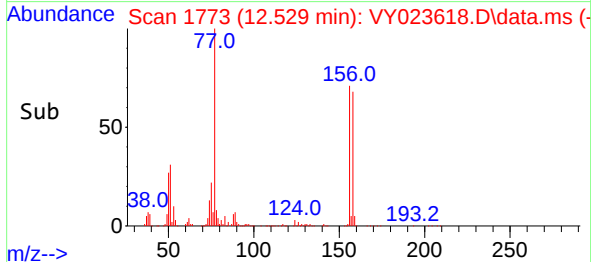
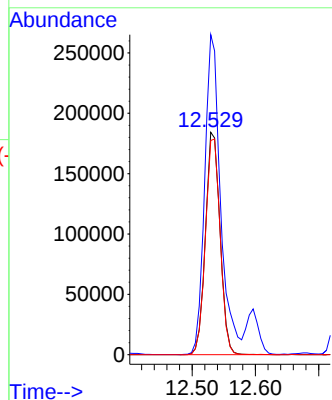
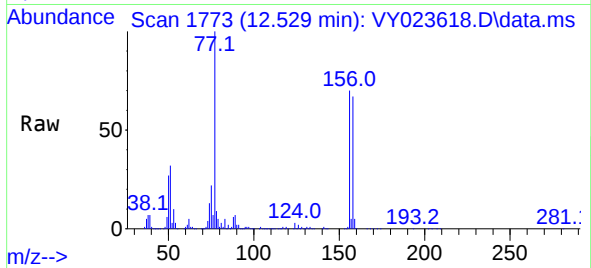




#77
Bromobenzene
Concen: 51.235 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

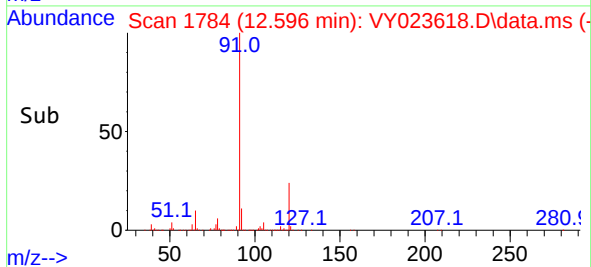
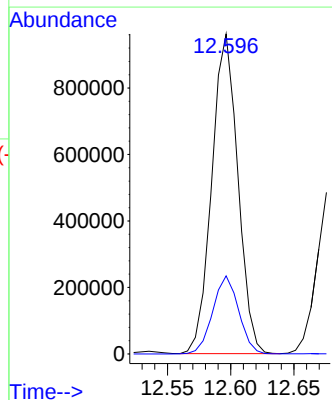
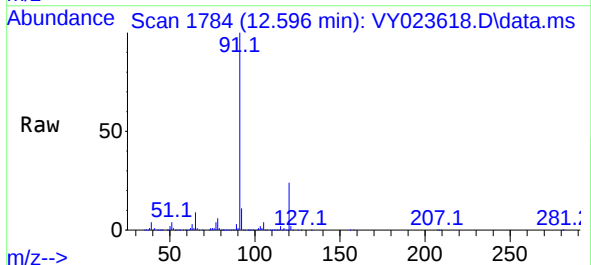
Instrument :
MSVOA_Y
ClientSampleId :

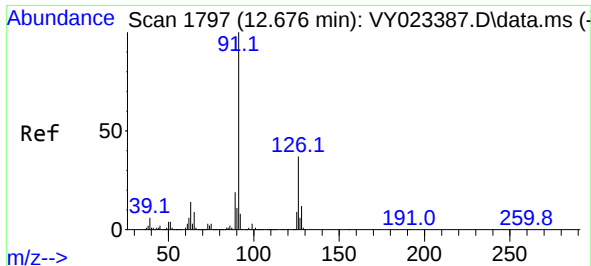
Tgt Ion:156 Resp: 296117
Ion Ratio Lower Upper
156 100
77 156.3 76.8 230.5
158 97.9 49.0 147.2



#78
n-propylbenzene
Concen: 54.767 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 91 Resp: 1377812
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 54.108 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Instrument :

MSVOA_Y

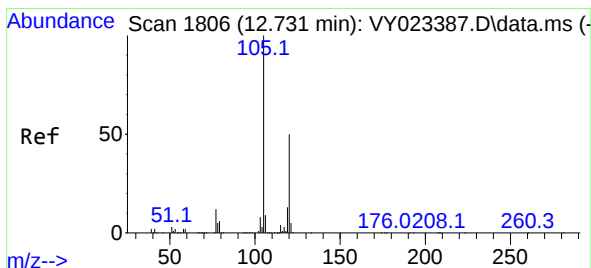
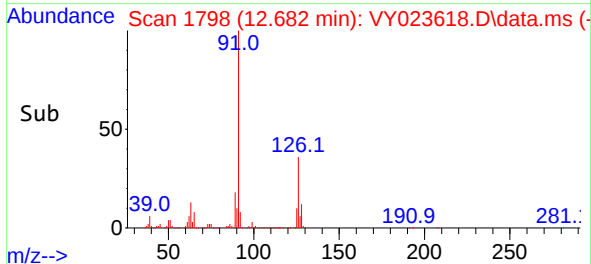
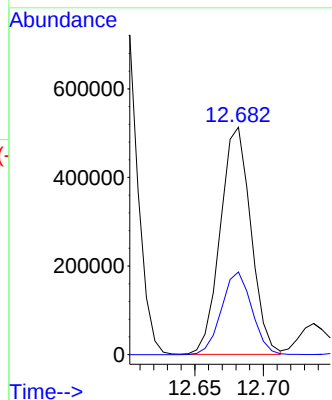
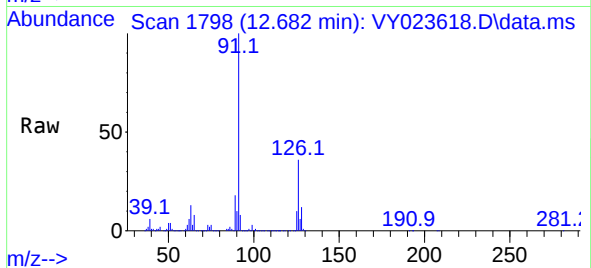
ClientSampleId :

Tgt Ion: 91 Resp: 797129

Ion Ratio Lower Upper

91 100

126 36.2 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 55.093 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023618.D

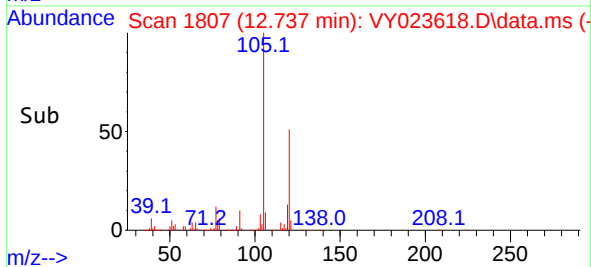
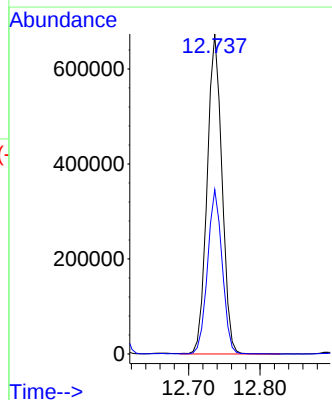
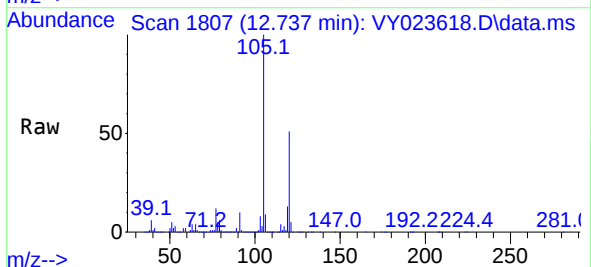
Acq: 29 Oct 2025 14:42

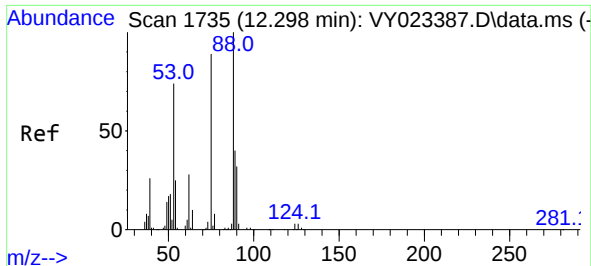
Tgt Ion: 105 Resp: 967845

Ion Ratio Lower Upper

105 100

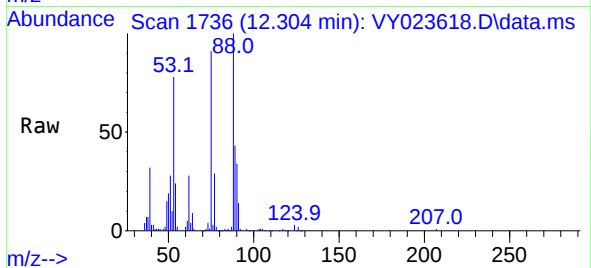
120 50.8 25.4 76.4



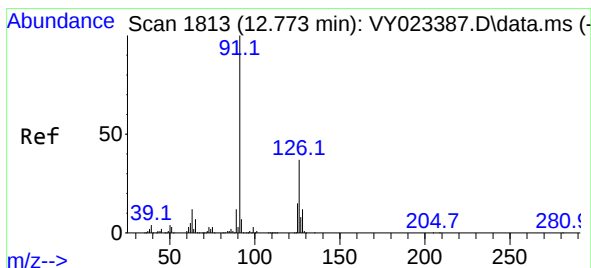
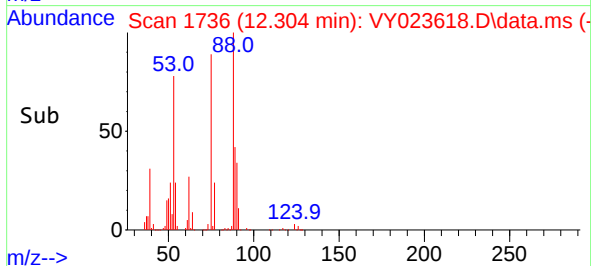
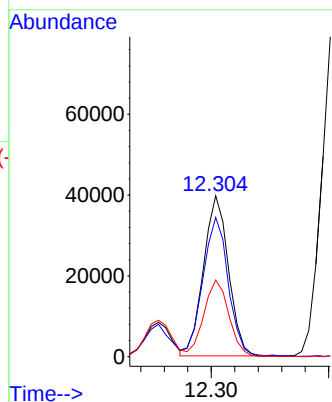


#81
trans-1,4-Dichloro-2-butene
Concen: 49.480 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :

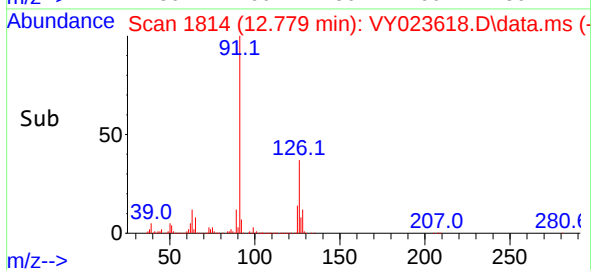
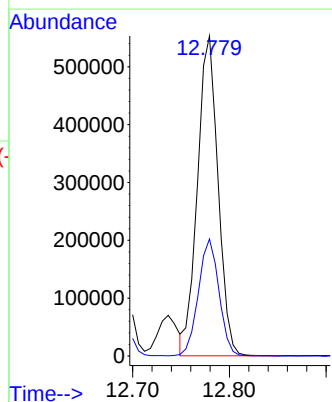
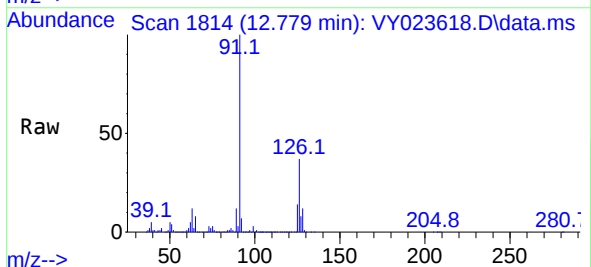


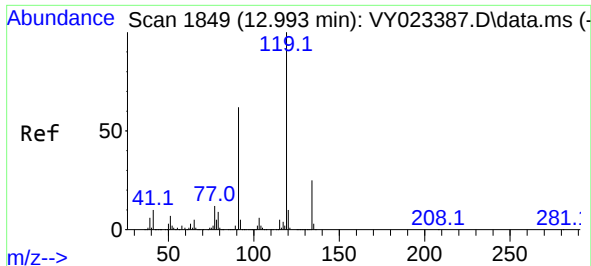
Tgt Ion: 75 Resp: 58727
Ion Ratio Lower Upper
75 100
53 87.5 68.6 102.8
89 47.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 53.898 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion: 91 Resp: 817766
Ion Ratio Lower Upper
91 100
126 36.7 18.4 55.4

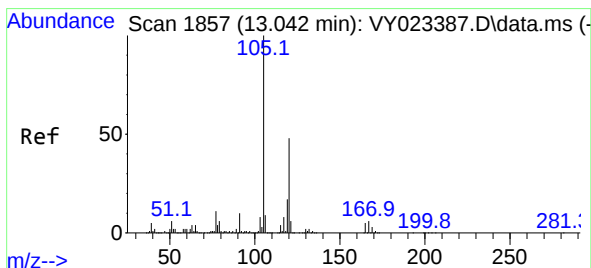
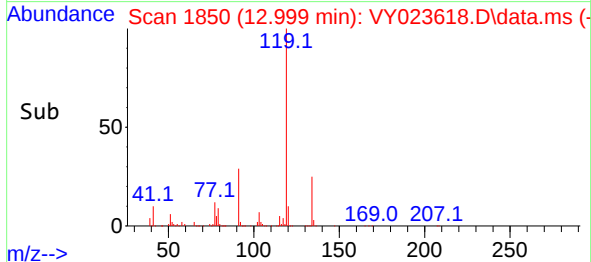
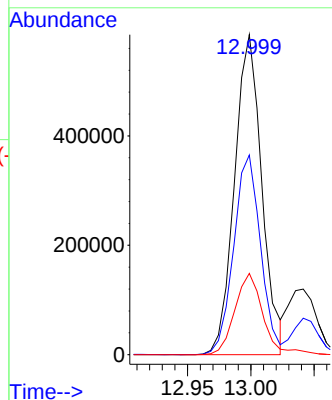
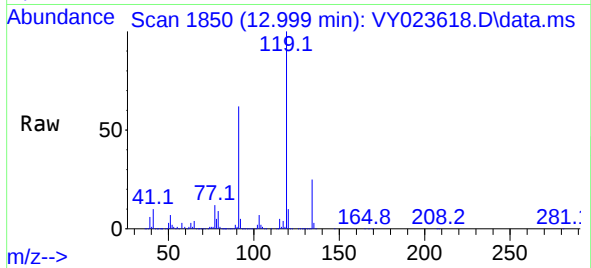




#83
tert-Butylbenzene
Concen: 54.239 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

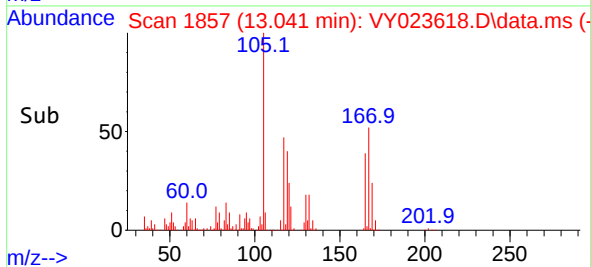
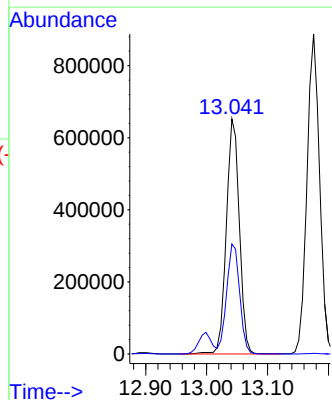
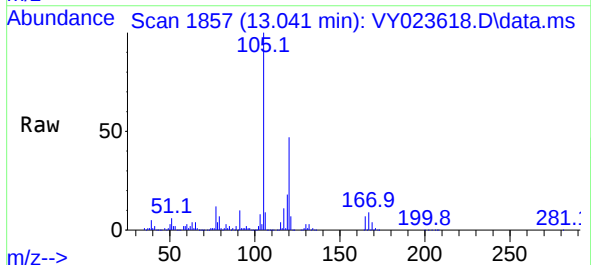
Instrument :
MSVOA_Y
ClientSampleId :

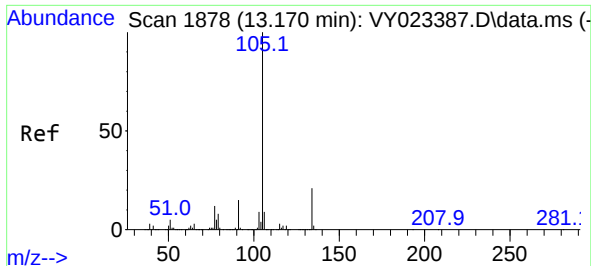
Tgt Ion:119 Resp: 879773
Ion Ratio Lower Upper
119 100
91 61.3 29.9 89.8
134 26.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 55.111 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:105 Resp: 966218
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.2

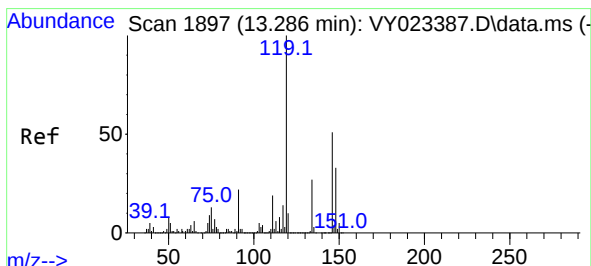
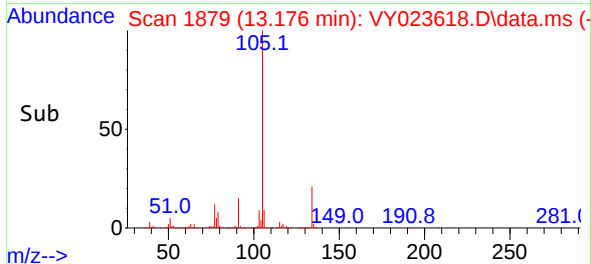
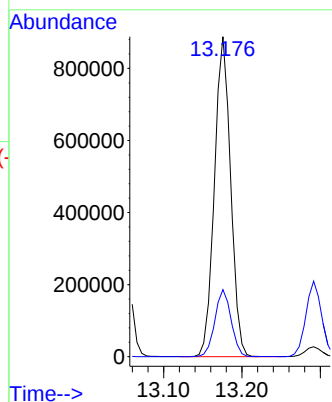
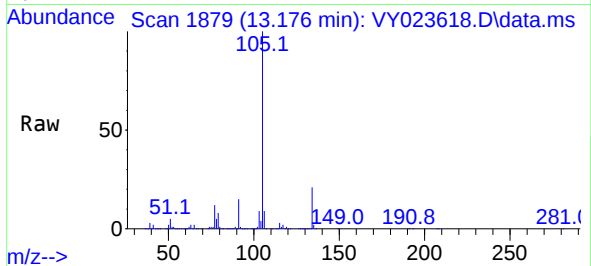




#85
 sec-Butylbenzene
 Concen: 54.759 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

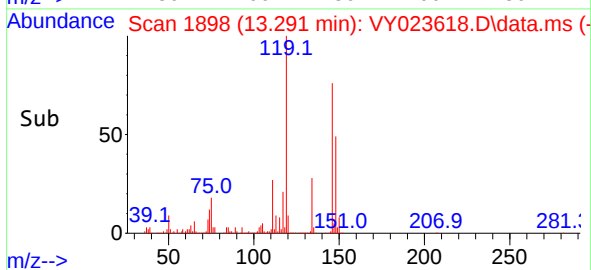
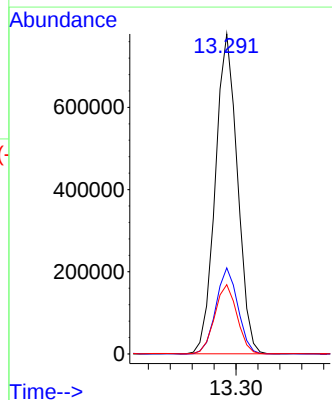
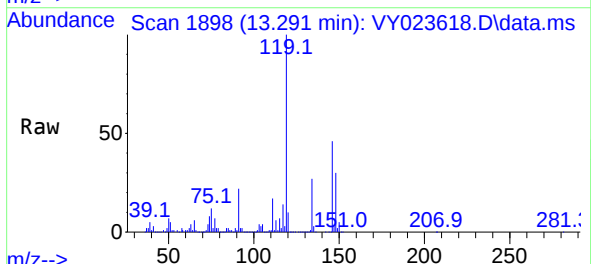
Instrument :
 MSVOA_Y
 ClientSampleId :

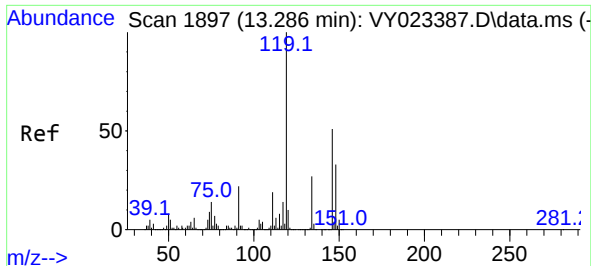
Tgt Ion:105 Resp: 1274124
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 55.062 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

Tgt Ion:119 Resp: 1090816
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 21.8 10.9 32.9

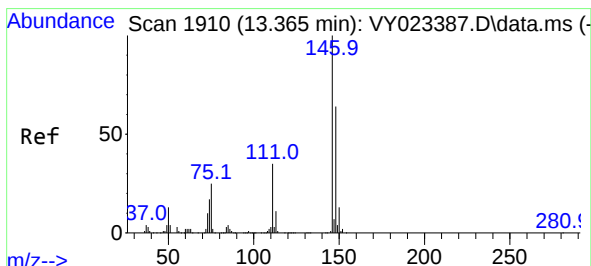
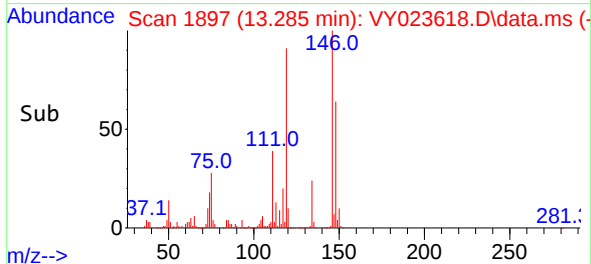
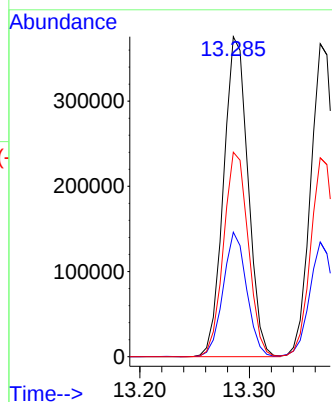
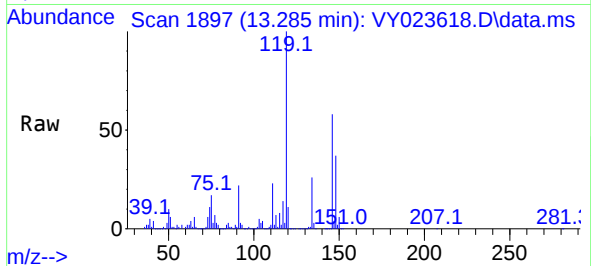




#87
1,3-Dichlorobenzene
Concen: 51.796 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

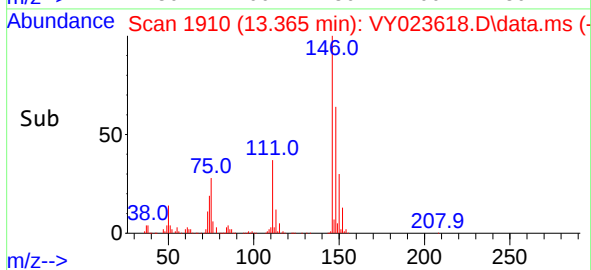
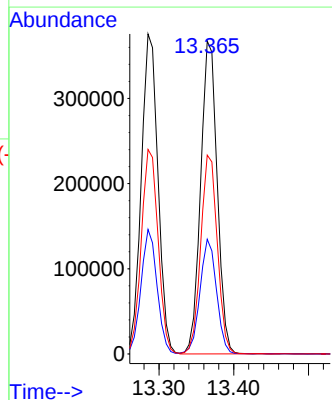
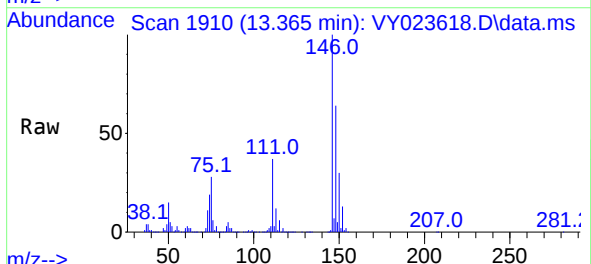
Instrument :
MSVOA_Y
ClientSampleId :

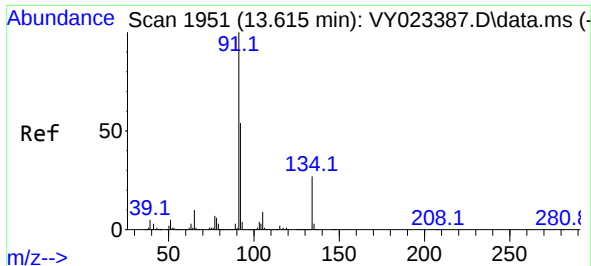
Tgt Ion:146 Resp: 582945
Ion Ratio Lower Upper
146 100
111 37.4 18.7 56.1
148 64.4 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 50.825 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:146 Resp: 564949
Ion Ratio Lower Upper
146 100
111 36.6 18.0 54.0
148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 54.372 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

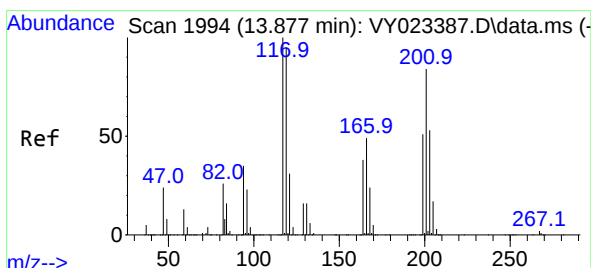
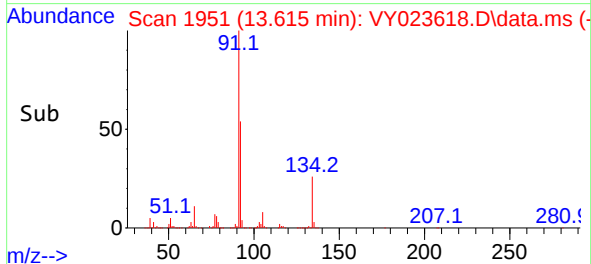
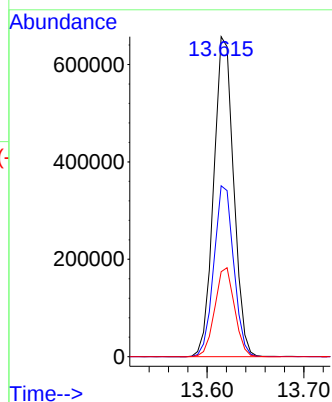
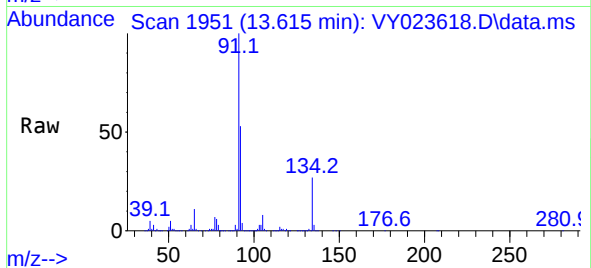
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 938550

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	27.6	14.1	42.2



#90

Hexachloroethane

Concen: 51.072 ug/l

RT: 13.877 min Scan# 1994

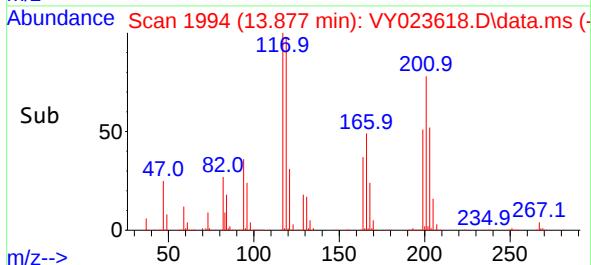
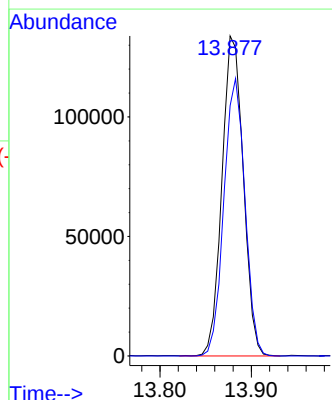
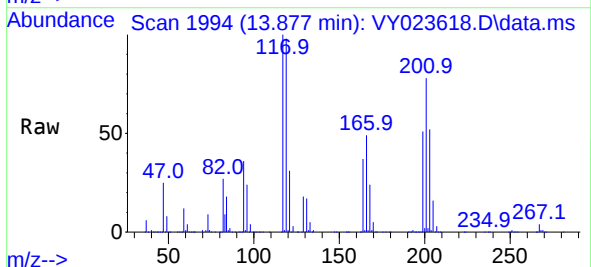
Delta R.T. -0.000 min

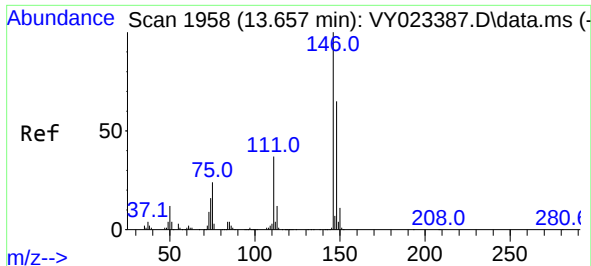
Lab File: VY023618.D

Acq: 29 Oct 2025 14:42

Tgt Ion: 117 Resp: 217614

Ion	Ratio	Lower	Upper
117	100		
201	85.5	43.8	131.4



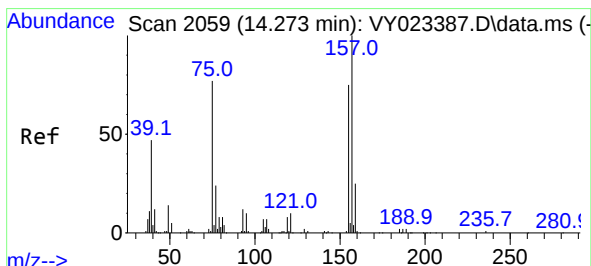
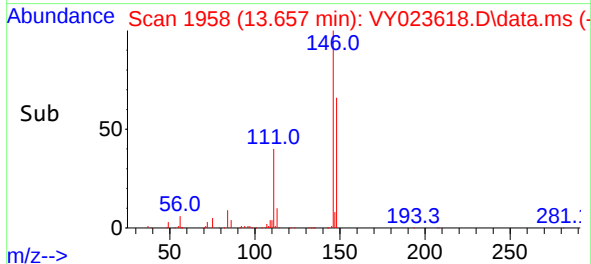
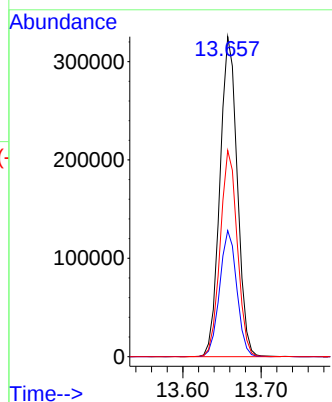
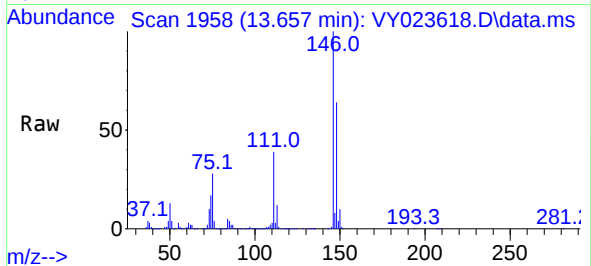


#91
 1,2-Dichlorobenzene
 Concen: 50.880 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:146 Resp: 502043

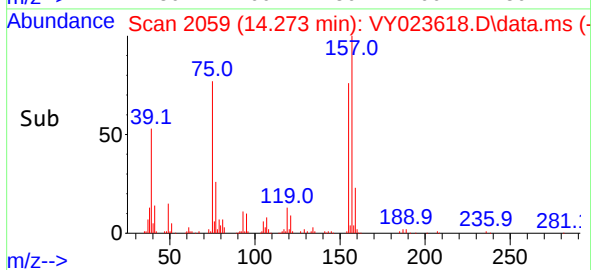
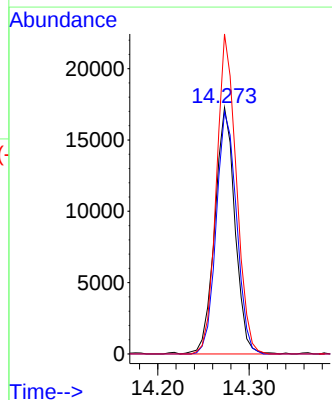
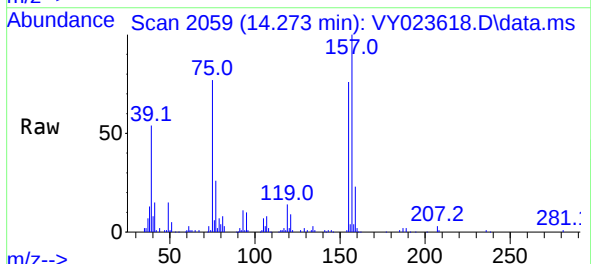
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.0	57.0
148	63.7	32.1	96.3

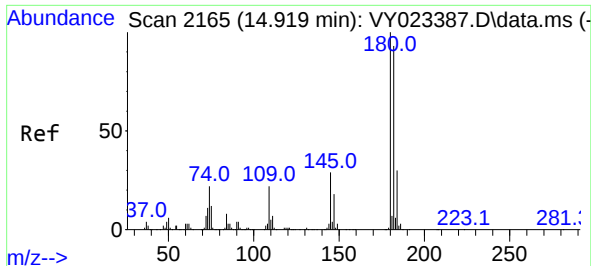


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.320 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023618.D
 Acq: 29 Oct 2025 14:42

Tgt Ion: 75 Resp: 26441

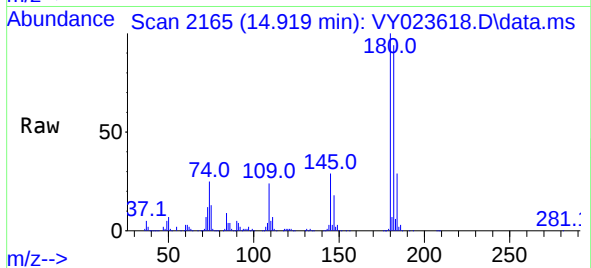
Ion	Ratio	Lower	Upper
75	100		
155	98.8	50.0	150.0
157	127.8	63.8	191.5



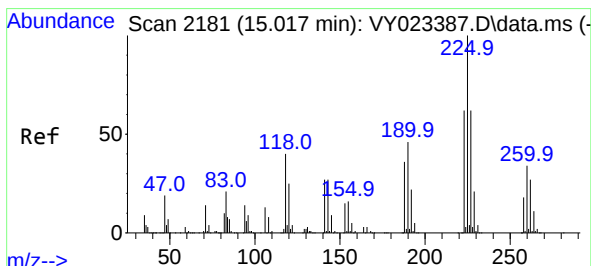
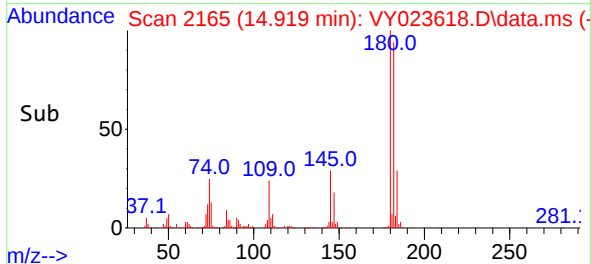
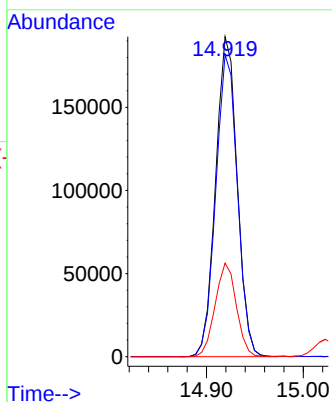


#93
1,2,4-Trichlorobenzene
Concen: 48.362 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :

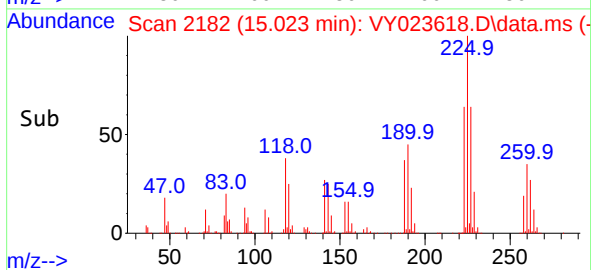
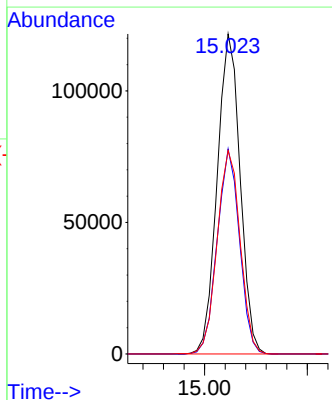
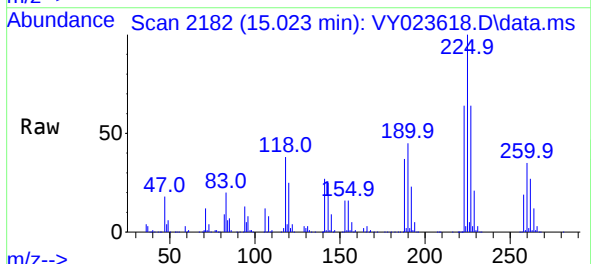


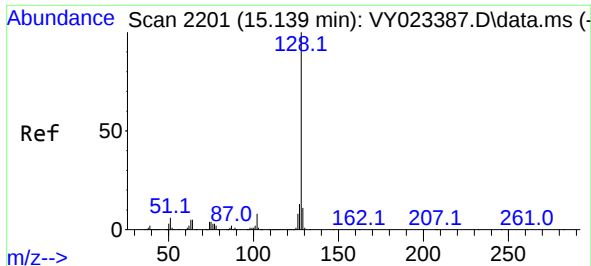
Tgt Ion:180 Resp: 297494
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 28.7 14.7 44.1



#94
Hexachlorobutadiene
Concen: 49.074 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:225 Resp: 188178
Ion Ratio Lower Upper
225 100
223 62.2 30.8 92.3
227 64.0 31.9 95.7

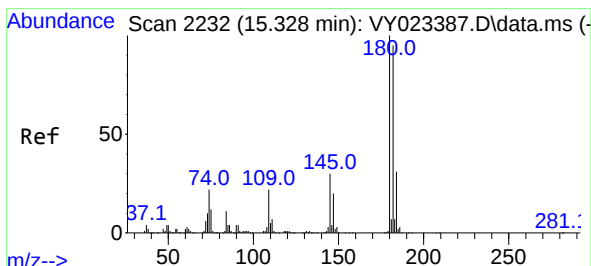
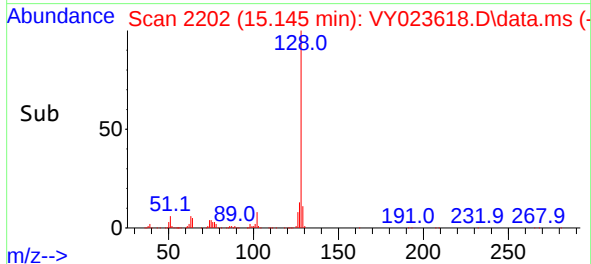
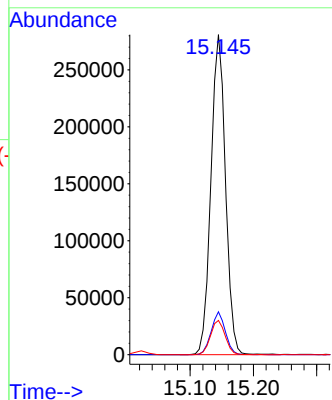
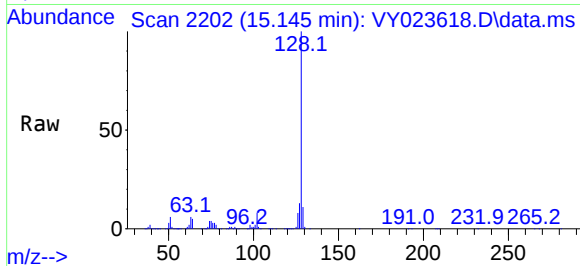




#95
Naphthalene
Concen: 45.858 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 449203
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 46.829 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023618.D
Acq: 29 Oct 2025 14:42

Tgt Ion:180 Resp: 249518
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.8
145 30.9 15.3 45.9

