

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023382.D
 Acq On : 25 Sep 2025 18:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:28:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	533611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	813307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	736444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	398160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	216216	46.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.634	113	235696	47.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.109	98	901437	48.019	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.401	95	299466	50.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	171687	40.104	ug/l	99
3) Chloromethane	2.068	50	278808	45.513	ug/l	99
4) Vinyl Chloride	2.202	62	351399	45.534	ug/l	99
5) Bromomethane	2.598	94	286343	45.441	ug/l	96
6) Chloroethane	2.738	64	246216	47.145	ug/l	100
7) Trichlorofluoromethane	3.055	101	437380	44.903	ug/l	98
8) Diethyl Ether	3.458	74	126447	49.062	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.817	101	230696	44.040	ug/l	95
10) Methyl Iodide	4.006	142	282445	46.222	ug/l	100
11) Tert butyl alcohol	4.860	59	80212	296.059	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	229334	45.510	ug/l	89
13) Acrolein	3.653	56	27706	60.489	ug/l	98
14) Allyl chloride	4.384	41	290701	45.667	ug/l	97
15) Acrylonitrile	5.061	53	241405	237.932	ug/l	100
16) Acetone	3.872	43	177941	166.603	ug/l	98
17) Carbon Disulfide	4.104	76	674084	42.251	ug/l	100
18) Methyl Acetate	4.384	43	185076	70.641	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	603846	50.963	ug/l	98
20) Methylene Chloride	4.616	84	289973	50.746	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	264273	46.937	ug/l	93
22) Diisopropyl ether	6.018	45	672614	47.445	ug/l	96
23) Vinyl Acetate	5.963	43	1656335	211.337	ug/l	96
24) 1,1-Dichloroethane	5.915	63	431249	46.508	ug/l	99
25) 2-Butanone	6.896	43	286855	218.218	ug/l	94
26) 2,2-Dichloropropane	6.884	77	342041	41.777	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	311223	48.812	ug/l	92
28) Bromochloromethane	7.244	49	150538	41.259	ug/l	84
29) Tetrahydrofuran	7.262	42	191897	246.114	ug/l	93
30) Chloroform	7.420	83	474329	47.609	ug/l	95
31) Cyclohexane	7.701	56	348335	42.452	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	414764	46.596	ug/l	98
36) 1,1-Dichloropropene	7.835	75	320977	45.331	ug/l	98
37) Ethyl Acetate	6.988	43	124289	44.126	ug/l	96
38) Carbon Tetrachloride	7.823	117	374515	45.967	ug/l	99
39) Methylcyclohexane	9.109	83	418027	46.148	ug/l	95
40) Benzene	8.079	78	1030768	46.834	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	74259	50.910	ug/l	94
42) 1,2-Dichloroethane	8.158	62	264492	47.201	ug/l	98
43) Isopropyl Acetate	8.201	43	254773	46.505	ug/l #	81
44) Trichloroethene	8.865	130	287636	46.921	ug/l	97
45) 1,2-Dichloropropane	9.140	63	234012	47.079	ug/l	99
46) Dibromomethane	9.231	93	145430	48.043	ug/l	95
47) Bromodichloromethane	9.420	83	364361	47.846	ug/l	97
48) Methyl methacrylate	9.219	41	126230	49.433	ug/l	91
49) 1,4-Dioxane	9.231	88	33371	1086.025	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	706702	252.143	ug/l	97
52) Toluene	10.170	92	675842	48.388	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	316513	48.275	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	376586	48.068	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	196638	48.835	ug/l	97
56) Ethyl methacrylate	10.438	69	244601	52.432	ug/l	95
57) 1,3-Dichloropropane	10.719	76	319379	48.857	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	570791	280.730	ug/l	93
59) 2-Hexanone	10.761	43	467059	241.055	ug/l	97
60) Dibromochloromethane	10.908	129	272903	49.951	ug/l	100
61) 1,2-Dibromoethane	11.011	107	189002	50.091	ug/l	100
64) Tetrachloroethene	10.645	164	340346	46.369	ug/l	97
65) Chlorobenzene	11.438	112	766405	47.504	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	271182	47.888	ug/l	99
67) Ethyl Benzene	11.517	91	1268274	48.118	ug/l	98
68) m/p-Xylenes	11.627	106	1017410	96.399	ug/l	96
69) o-Xylene	11.950	106	484396	49.579	ug/l	97
70) Styrene	11.968	104	812805	50.196	ug/l	98
71) Bromoform	12.127	173	164637	48.820	ug/l #	97
73) Isopropylbenzene	12.255	105	1239056	46.199	ug/l	98
74) N-amyl acetate	12.066	43	216870	42.779	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	207489	46.096	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	268842	66.675	ug/l #	100
77) Bromobenzene	12.529	156	322030	46.998	ug/l	91
78) n-propylbenzene	12.590	91	1443119	45.653	ug/l	97
79) 2-Chlorotoluene	12.676	91	837726	46.011	ug/l	97
80) 1,3,5-Trimethylbenzene	12.730	105	1017882	46.663	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	63468	42.926	ug/l	98
82) 4-Chlorotoluene	12.773	91	863223	45.312	ug/l	97
83) tert-Butylbenzene	12.993	119	934571	47.305	ug/l	97
84) 1,2,4-Trimethylbenzene	13.041	105	1022072	47.363	ug/l	98
85) sec-Butylbenzene	13.169	105	1324103	46.064	ug/l	98
86) p-Isopropyltoluene	13.285	119	1136577	46.809	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	619749	45.708	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	603514	44.938	ug/l	98
89) n-Butylbenzene	13.614	91	990069	45.977	ug/l	99
90) Hexachloroethane	13.877	117	234736	44.592	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	542946	45.927	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34086	48.261	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	339933	49.295	ug/l	98
94) Hexachlorobutadiene	15.023	225	194572	45.635	ug/l	97
95) Naphthalene	15.139	128	577559	52.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	296529	49.514	ug/l	99

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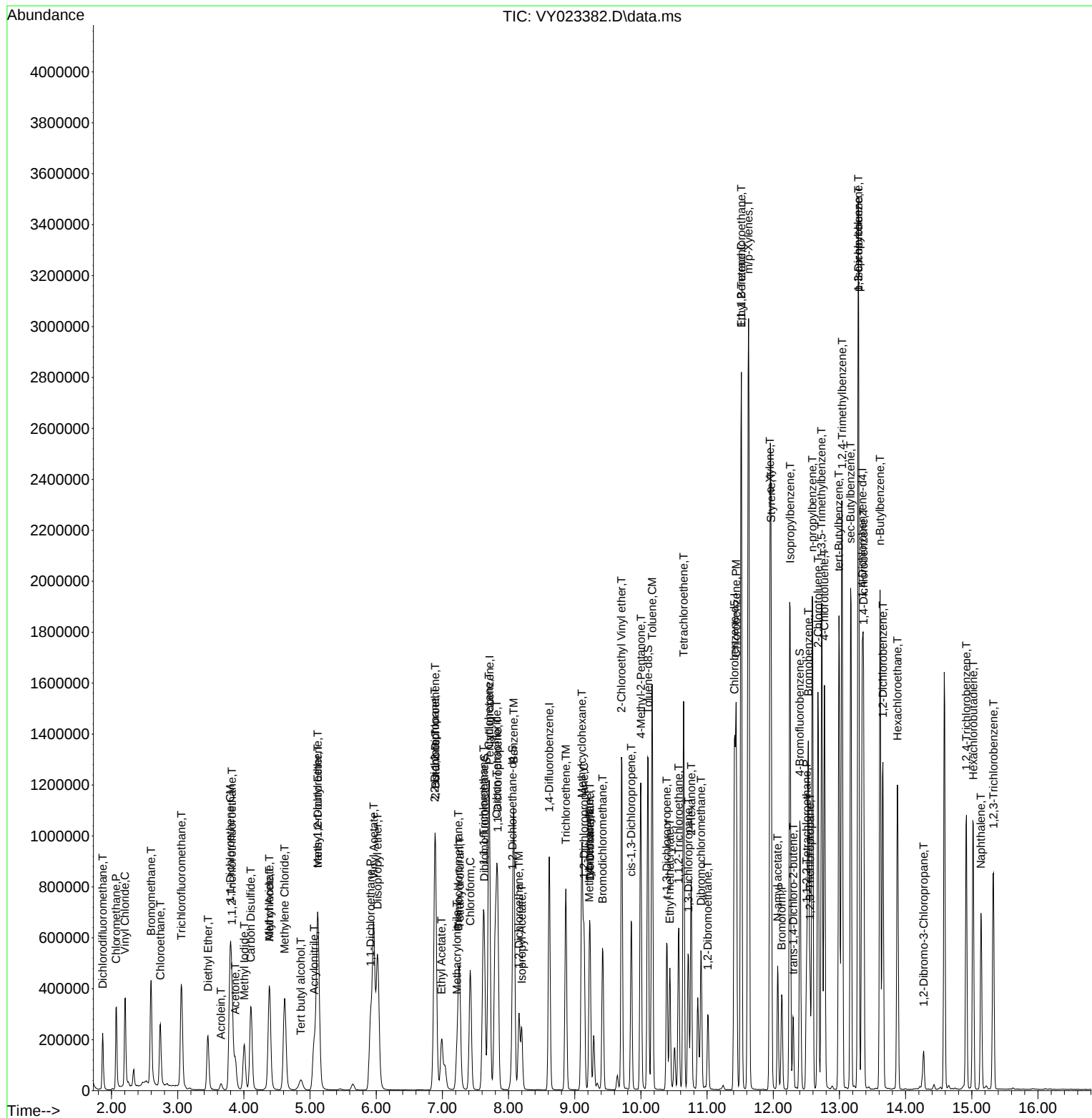
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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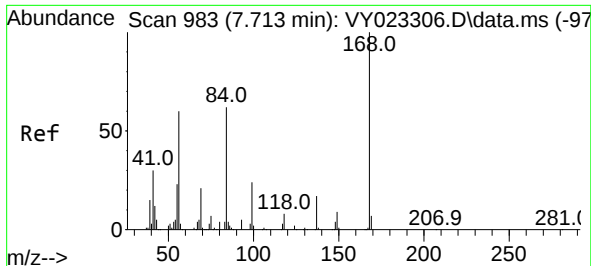
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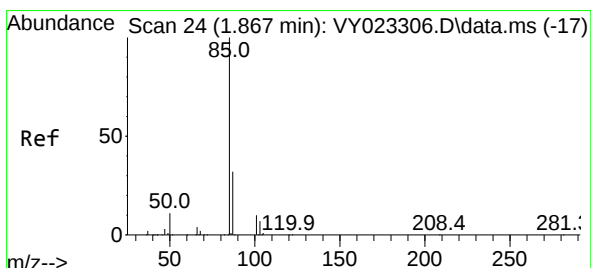
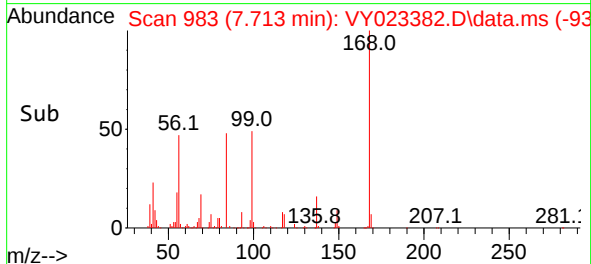
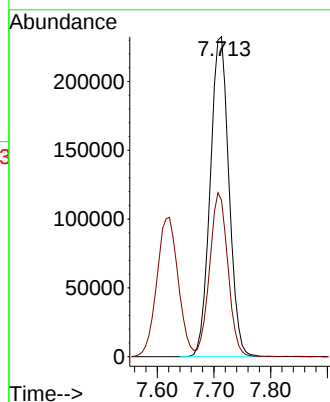
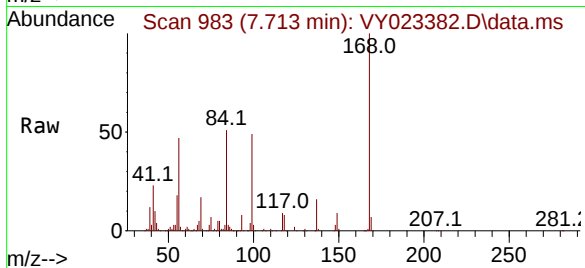




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023382.D
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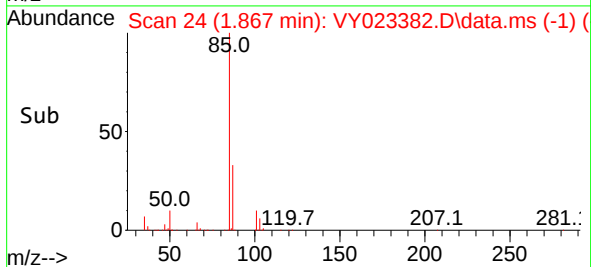
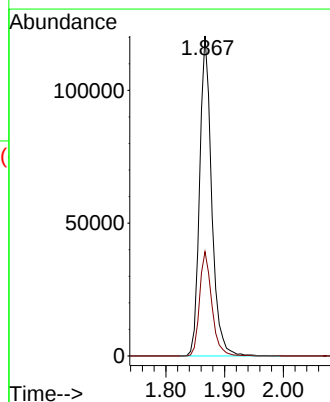
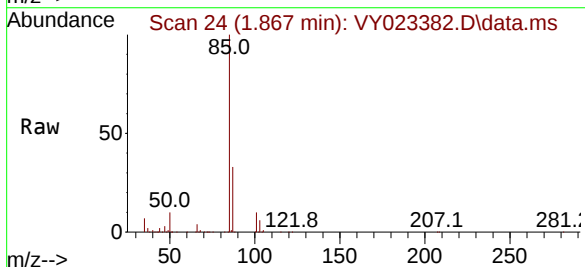
Instrument :
MSVOA_Y
ClientSampleId :

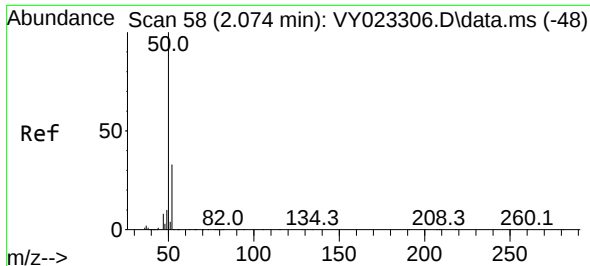
Tgt Ion:168 Resp: 533611
Ion Ratio Lower Upper
168 100
99 48.8 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 40.104 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 85 Resp: 171687
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8

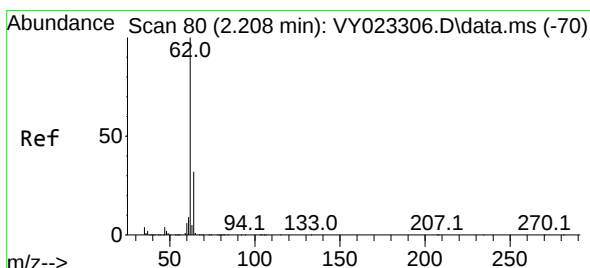
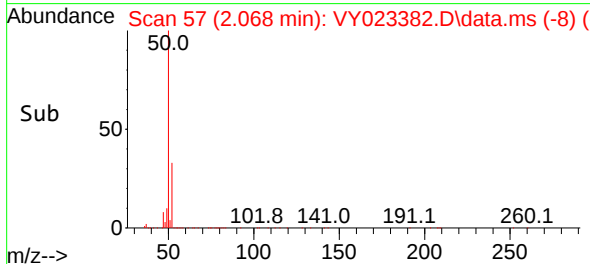
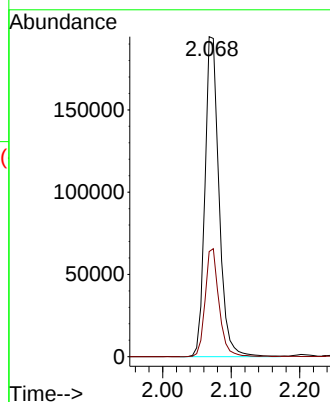
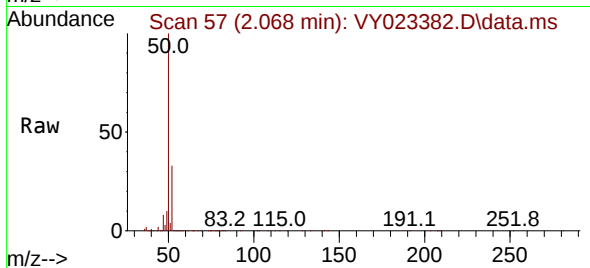




#3
Chloromethane
Concen: 45.513 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

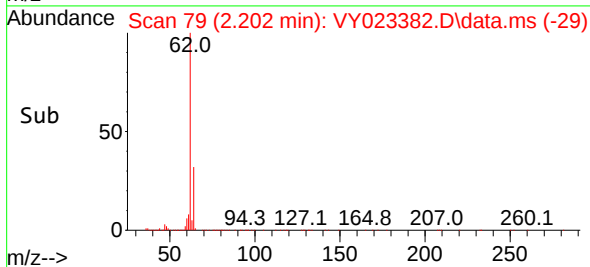
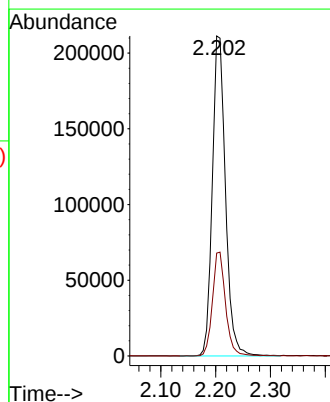
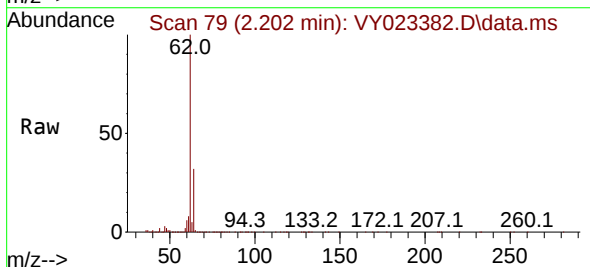
Instrument :
MSVOA_Y
ClientSampleId :

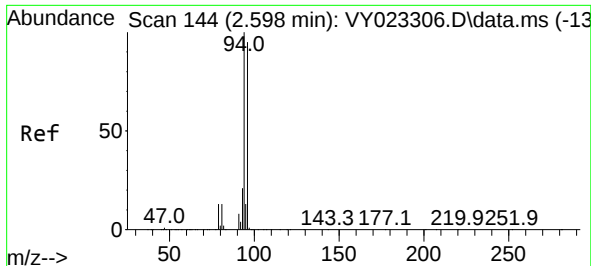
Tgt Ion: 50 Resp: 278808
Ion Ratio Lower Upper
50 100
52 32.8 26.7 40.1



#4
Vinyl Chloride
Concen: 45.534 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 62 Resp: 351399
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

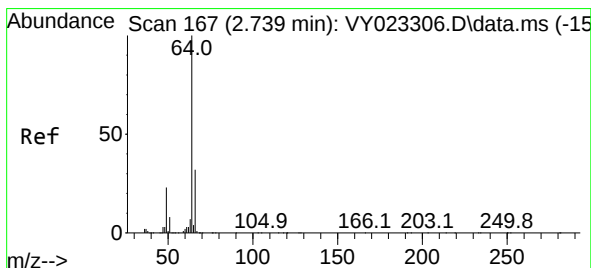
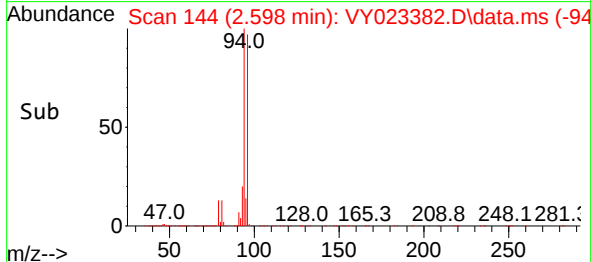
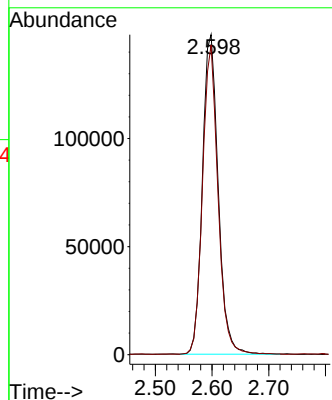
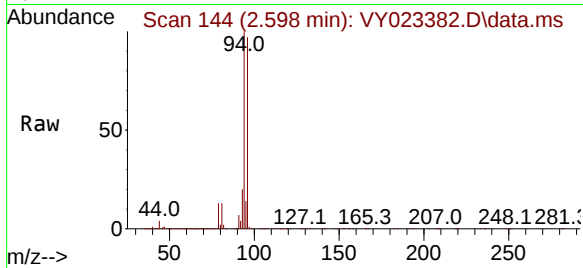




#5
Bromomethane
Concen: 45.441 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023382.D
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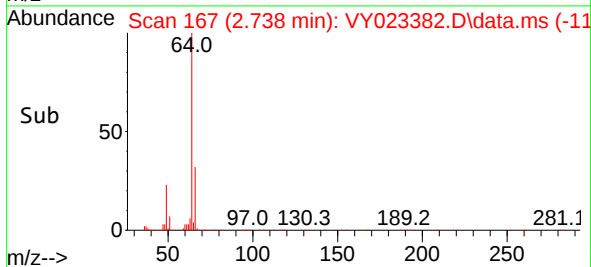
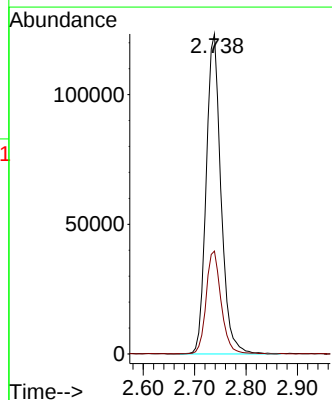
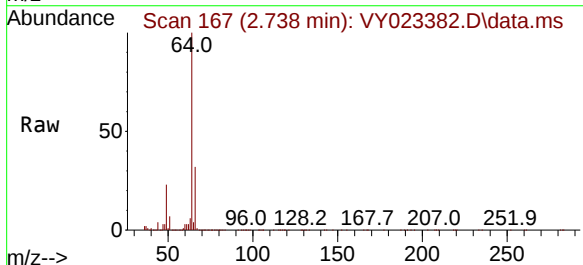
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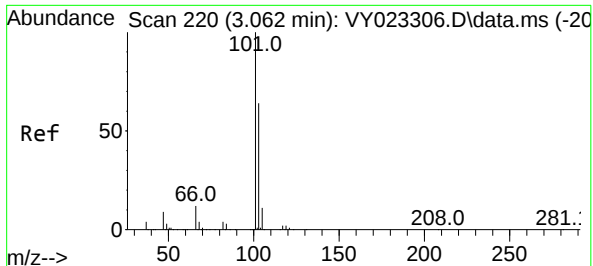
Tgt Ion: 94 Resp: 286343
Ion Ratio Lower Upper
94 100
96 96.8 74.6 112.0



#6
Chloroethane
Concen: 47.145 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023382.D
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Tgt Ion: 64 Resp: 246216
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.6

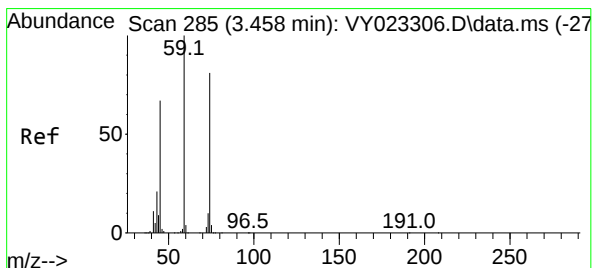
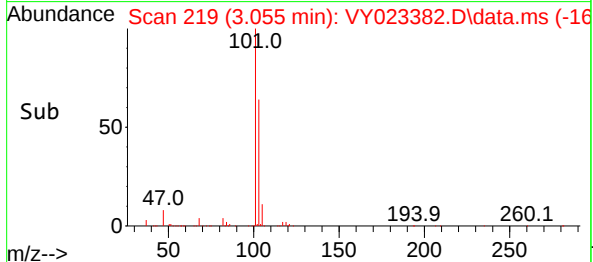
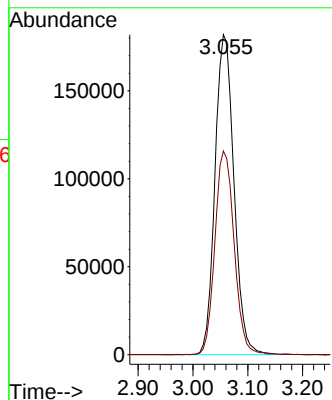
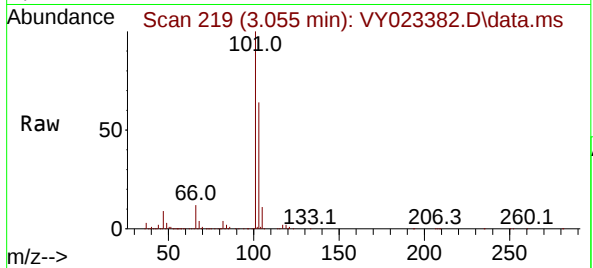




#7
Trichlorofluoromethane
Concen: 44.903 ug/l
RT: 3.055 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023382.D
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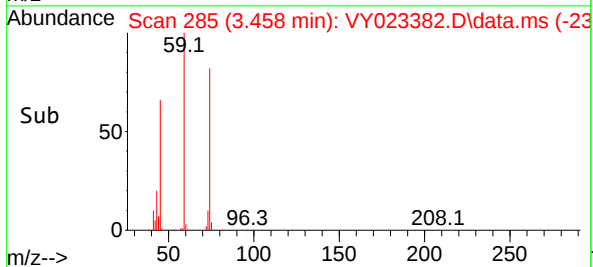
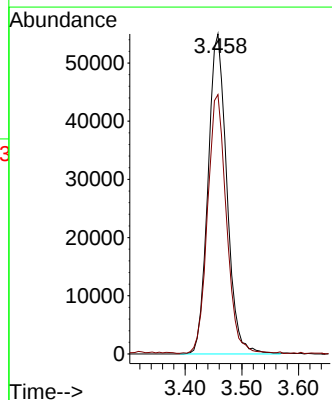
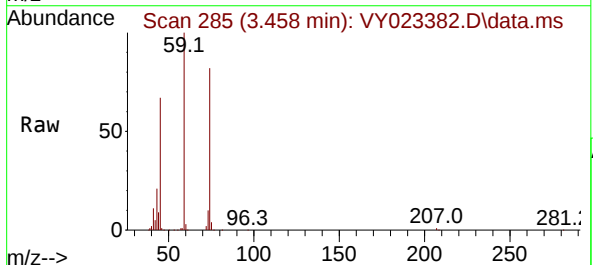
Instrument :
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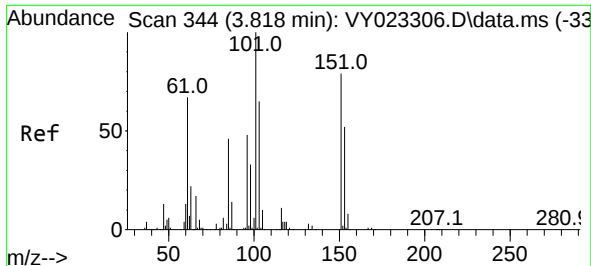
Tgt Ion:101 Resp: 437380
Ion Ratio Lower Upper
101 100
103 63.6 51.9 77.9



#8
Diethyl Ether
Concen: 49.062 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023382.D
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Tgt Ion: 74 Resp: 126447
Ion Ratio Lower Upper
74 100
45 81.2 44.4 133.2

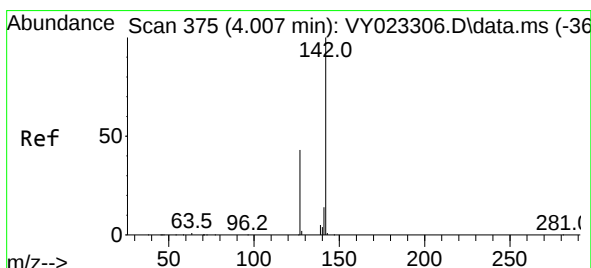
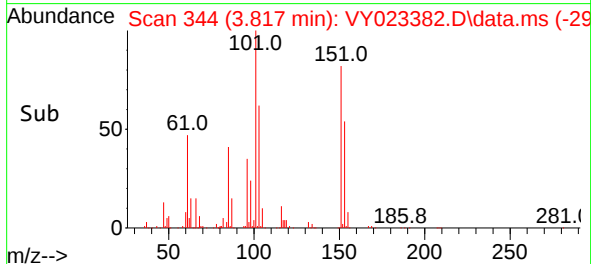
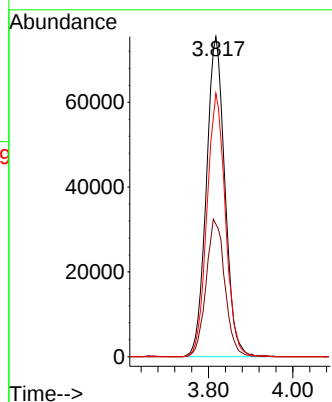
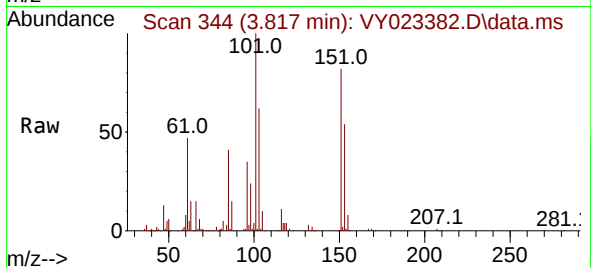




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.040 ug/l
RT: 3.817 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

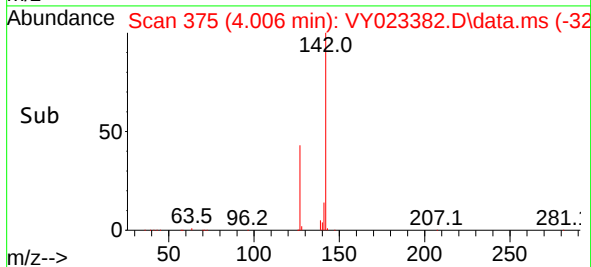
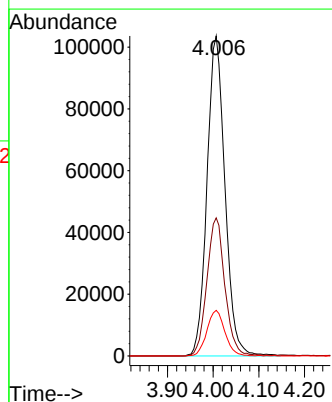
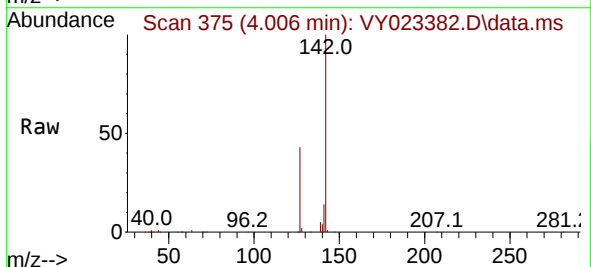
Instrument :
MSVOA_Y
ClientSampleId :

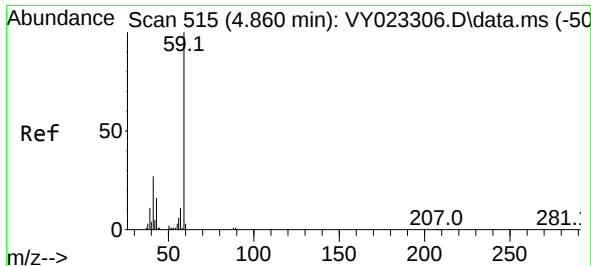
Tgt Ion:101 Resp: 230696
Ion Ratio Lower Upper
101 100
85 43.5 36.3 54.5
151 82.0 61.5 92.3



#10
Methyl Iodide
Concen: 46.222 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion:142 Resp: 282445
Ion Ratio Lower Upper
142 100
127 43.4 34.9 52.3
141 14.3 11.3 16.9

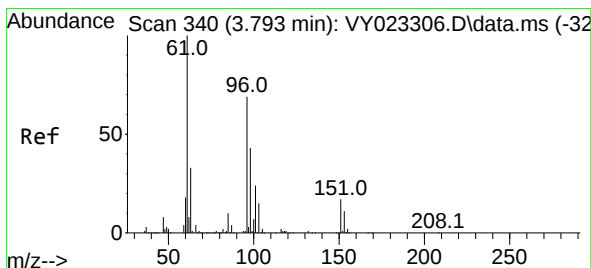
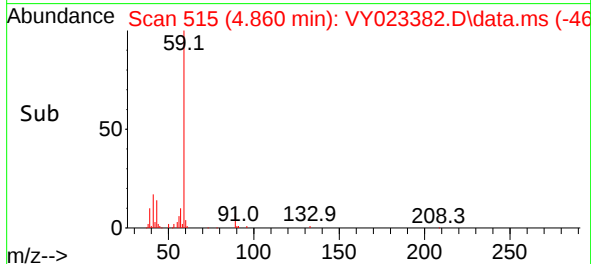
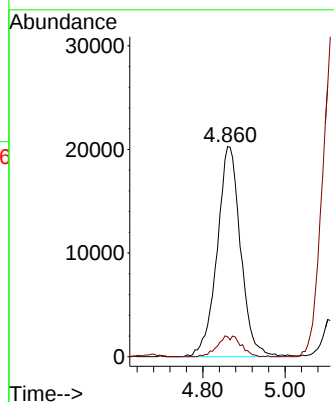
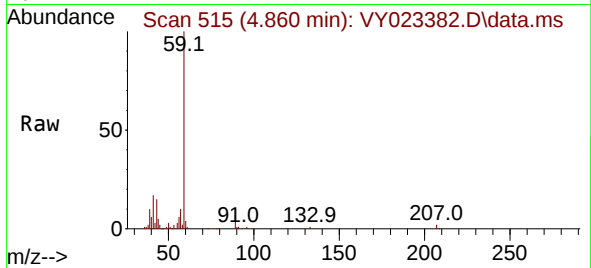




#11
Tert butyl alcohol
Concen: 296.059 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

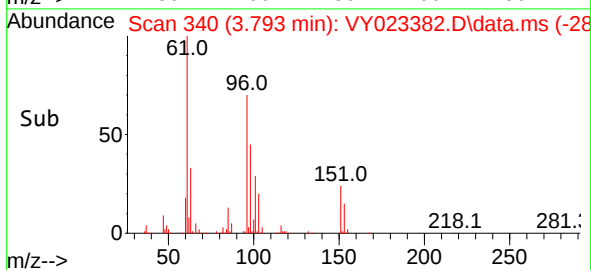
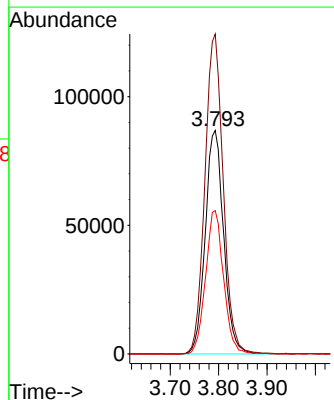
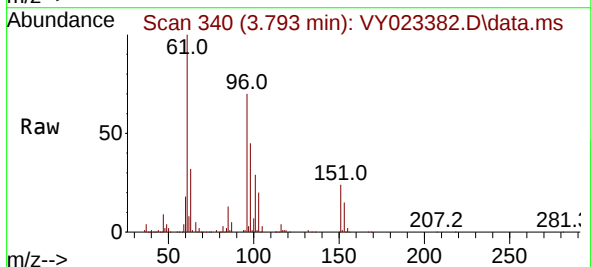
Instrument :
MSVOA_Y
ClientSampleId :

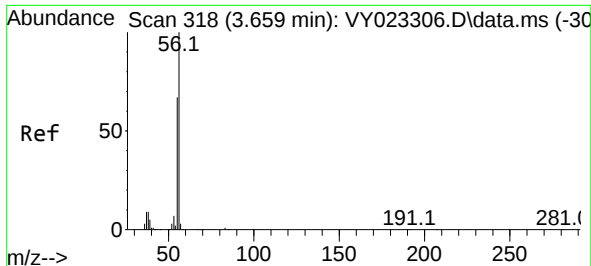
Tgt Ion: 59 Resp: 80212
Ion Ratio Lower Upper
59 100
57 5.6 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 45.510 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

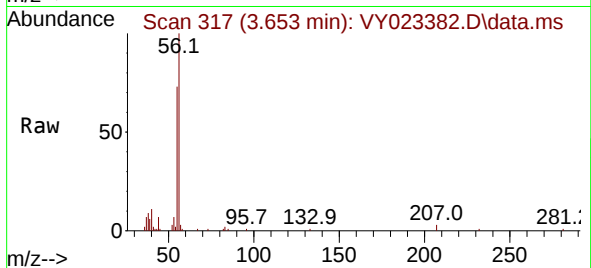
Tgt Ion: 96 Resp: 229334
Ion Ratio Lower Upper
96 100
61 143.2 129.4 194.2
98 64.1 52.8 79.2



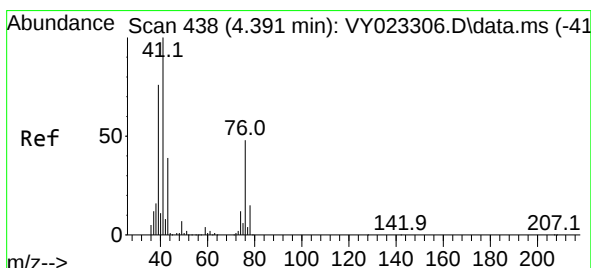
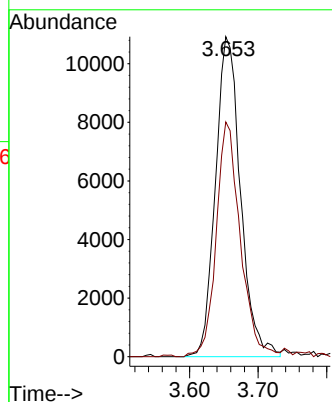
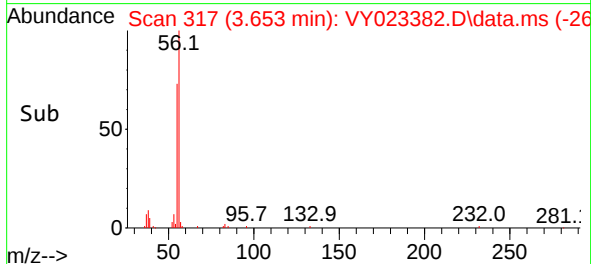


#13
Acrolein
Concen: 60.489 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

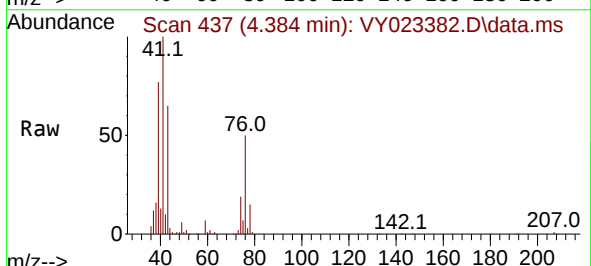
Instrument :
MSVOA_Y
ClientSampleId :



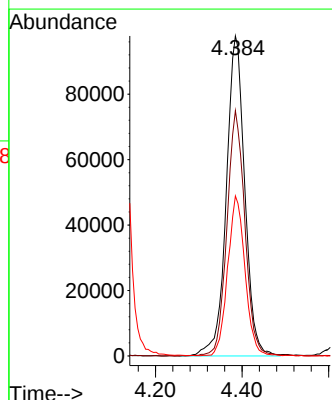
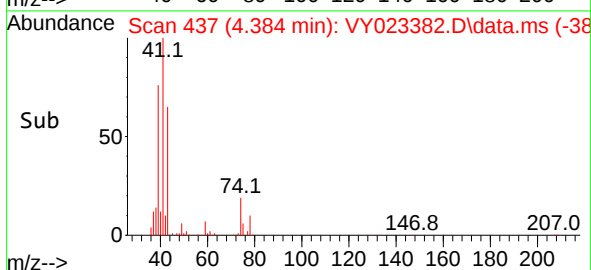
Tgt Ion: 56 Resp: 27706
Ion Ratio Lower Upper
56 100
55 70.3 55.2 82.8

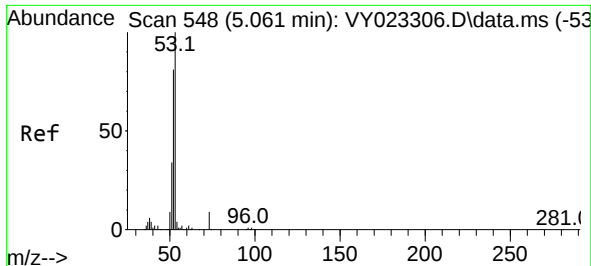


#14
Allyl chloride
Concen: 45.667 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26



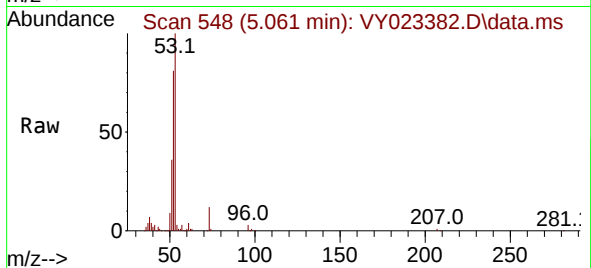
Tgt Ion: 41 Resp: 290701
Ion Ratio Lower Upper
41 100
39 74.7 59.8 89.6
76 46.7 33.7 50.5



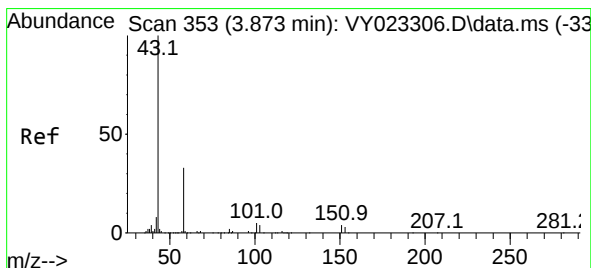
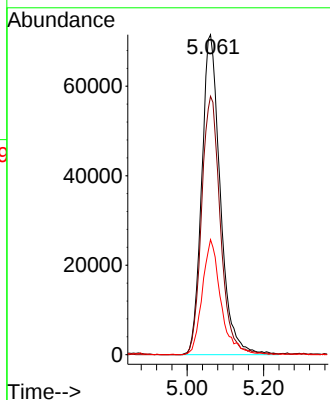
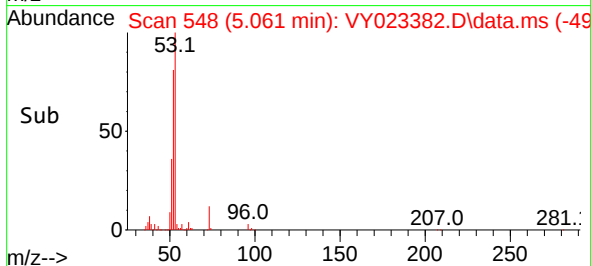


#15
Acrylonitrile
Concen: 237.932 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :

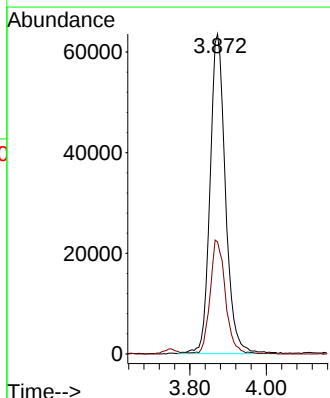
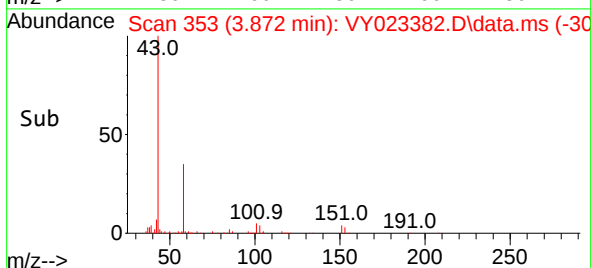
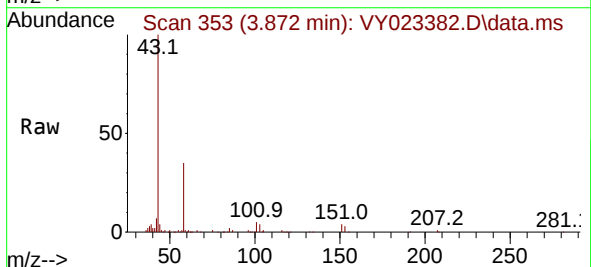


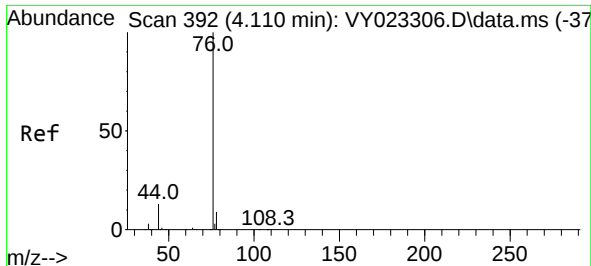
Tgt Ion: 53 Resp: 241405
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.2 29.5 44.3



#16
Acetone
Concen: 166.603 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 43 Resp: 177941
Ion Ratio Lower Upper
43 100
58 35.0 27.1 40.7

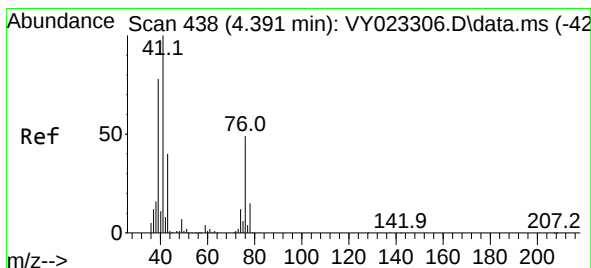
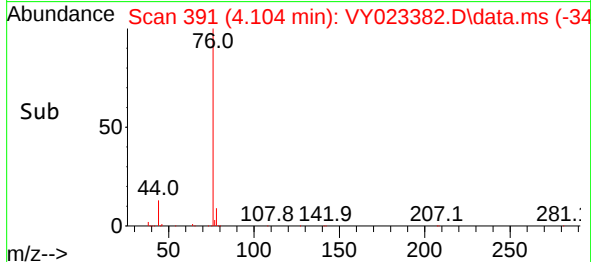
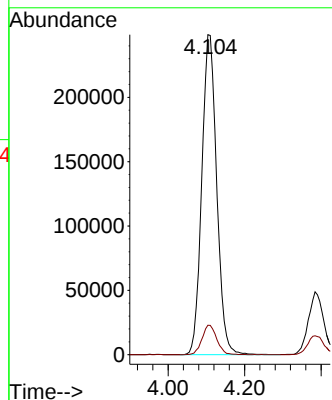
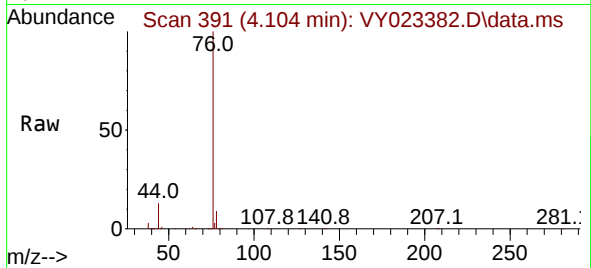




#17
Carbon Disulfide
Concen: 42.251 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

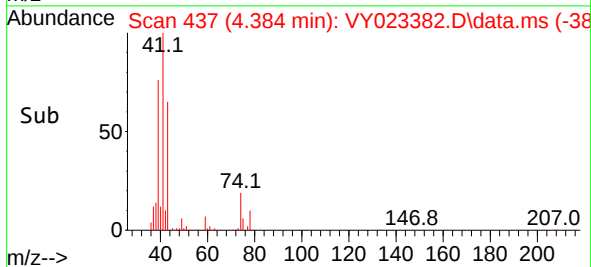
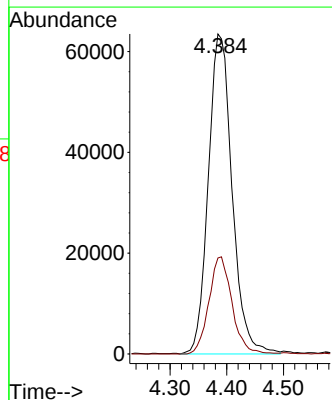
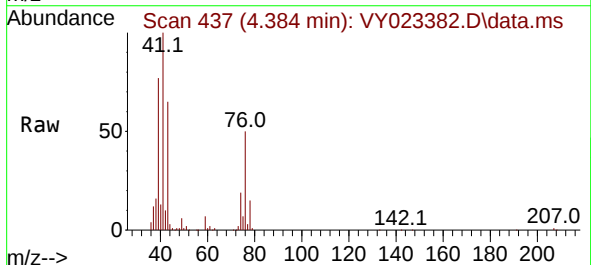
Instrument :
MSVOA_Y
ClientSampleId :

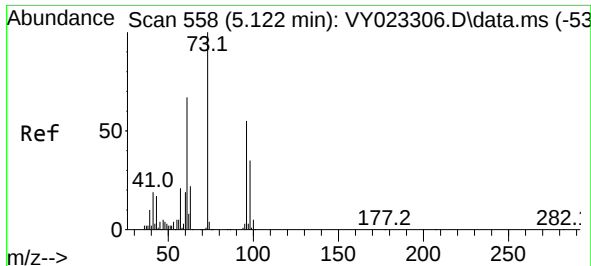
Tgt Ion: 76 Resp: 674084
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 70.641 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 43 Resp: 185076
Ion Ratio Lower Upper
43 100
74 29.5 21.2 31.8

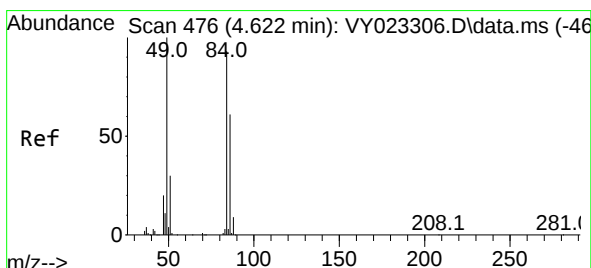
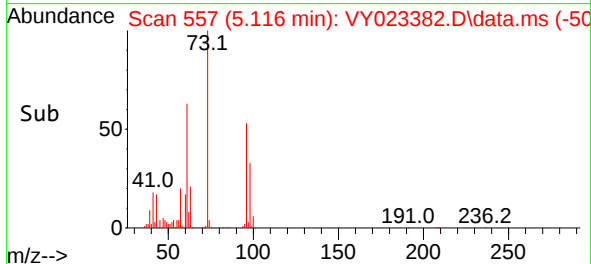
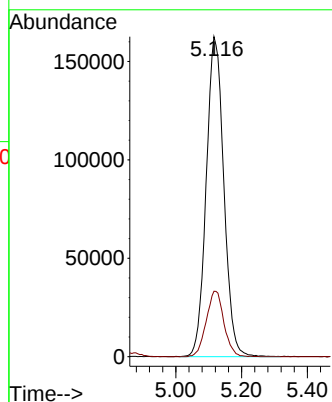
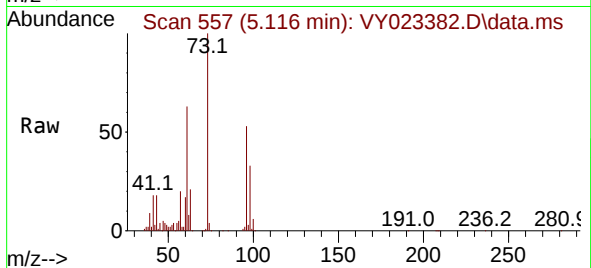




#19
Methyl tert-butyl Ether
Concen: 50.963 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

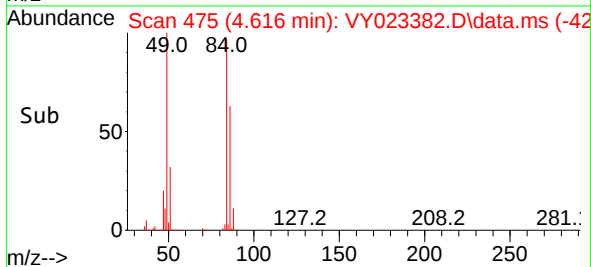
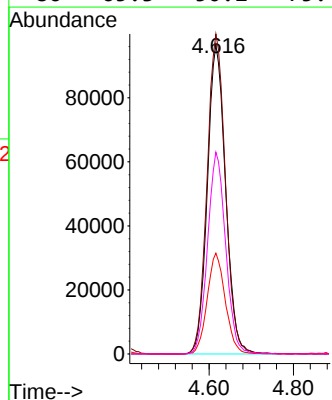
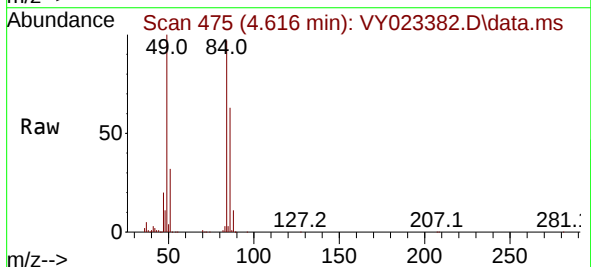
Instrument :
MSVOA_Y
ClientSampleId :

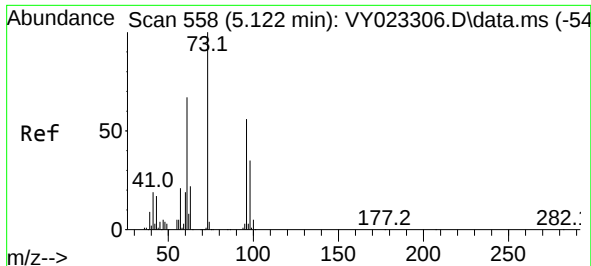
Tgt Ion: 73 Resp: 603846
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7



#20
Methylene Chloride
Concen: 50.746 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

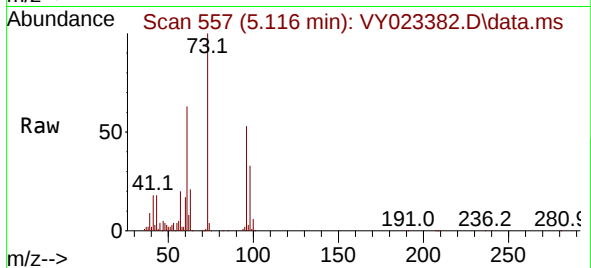
Tgt Ion: 84 Resp: 289973
Ion Ratio Lower Upper
84 100
49 103.5 93.0 139.6
51 32.6 29.0 43.4
86 65.3 50.2 75.4



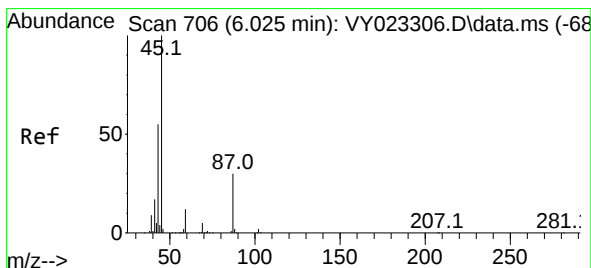
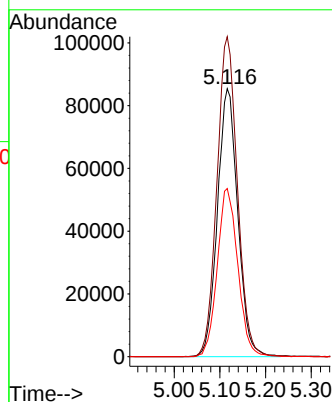
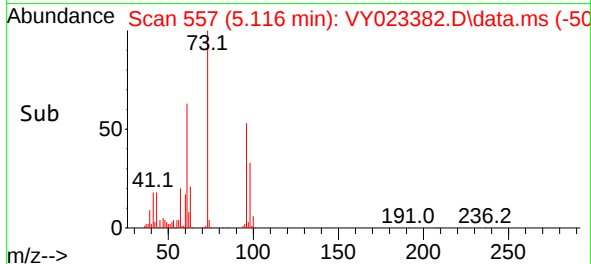


#21
trans-1,2-Dichloroethene
Concen: 46.937 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

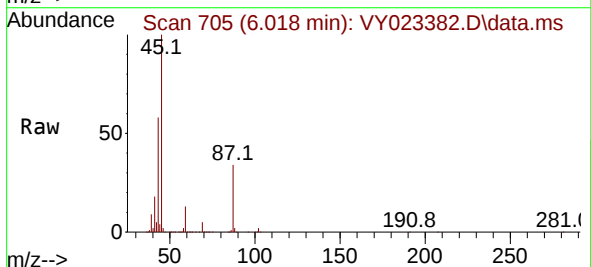
Instrument :
MSVOA_Y
ClientSampleId :



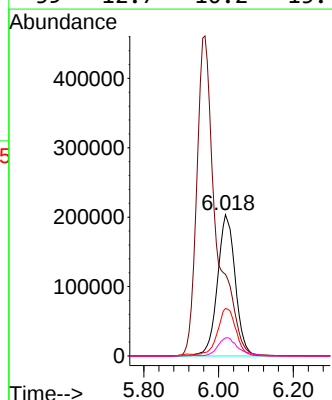
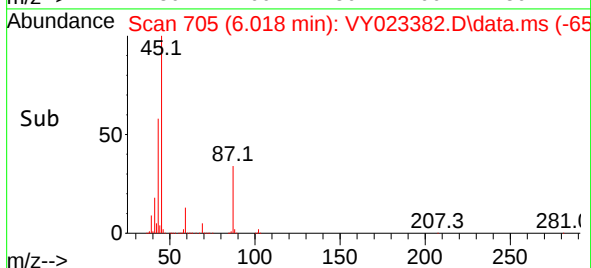
Tgt Ion: 96 Resp: 264273
Ion Ratio Lower Upper
96 100
61 119.4 104.8 157.2
98 62.8 50.1 75.1

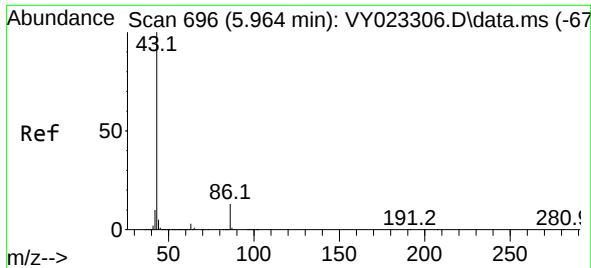


#22
Diisopropyl ether
Concen: 47.445 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26



Tgt Ion: 45 Resp: 672614
Ion Ratio Lower Upper
45 100
43 57.5 43.4 65.0
87 33.7 24.4 36.6
59 12.7 10.2 15.4

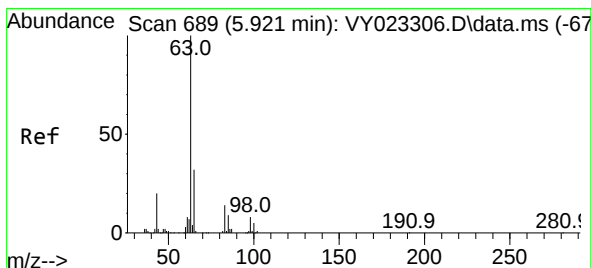
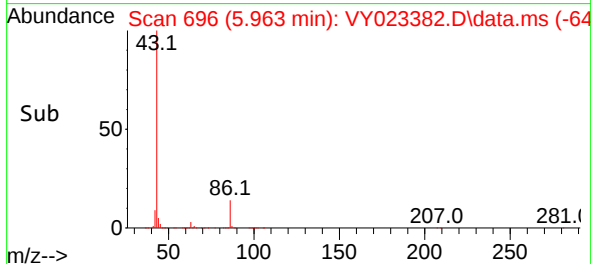
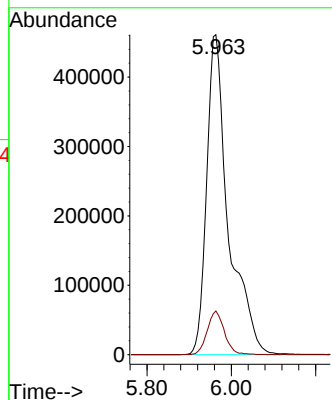
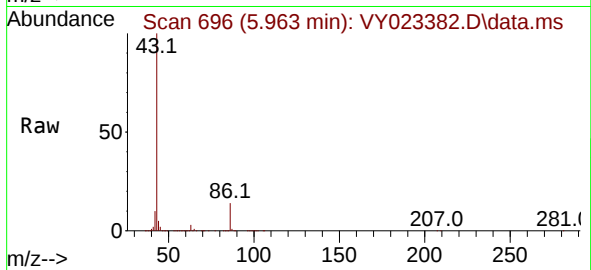




#23
 Vinyl Acetate
 Concen: 211.337 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

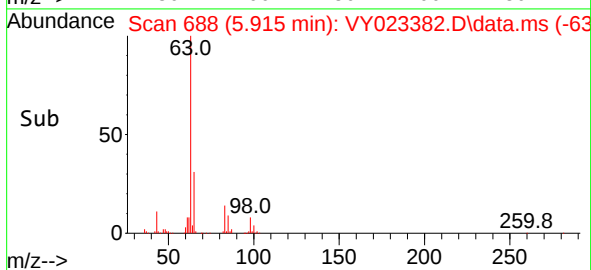
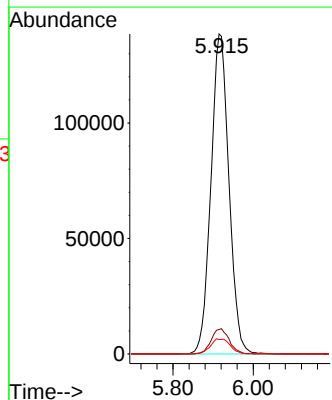
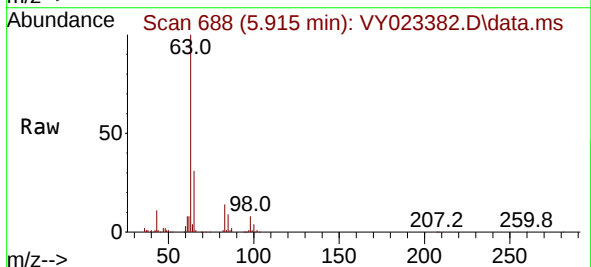
Instrument :
 MSVOA_Y
 ClientSampleId :

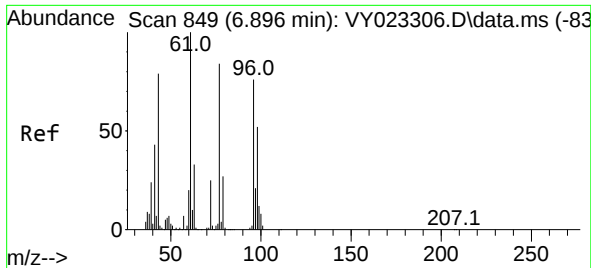
Tgt Ion: 43 Resp: 1656335
 Ion Ratio Lower Upper
 43 100
 86 13.7 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 46.508 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

Tgt Ion: 63 Resp: 431249
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.5 2.4 7.1

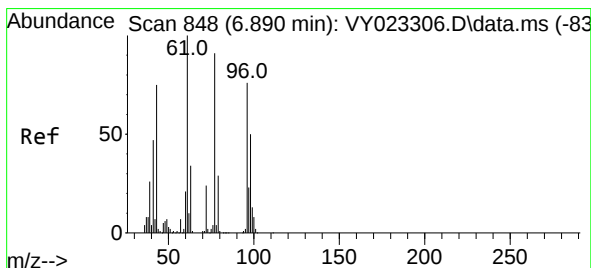
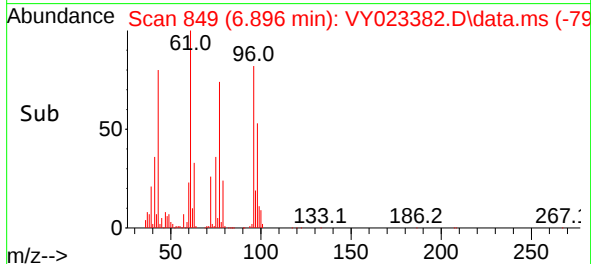
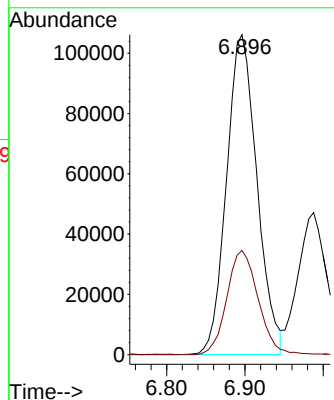
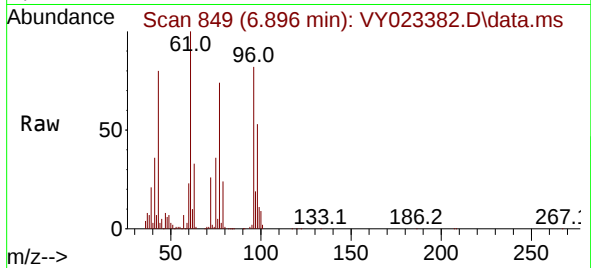




#25
2-Butanone
Concen: 218.218 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

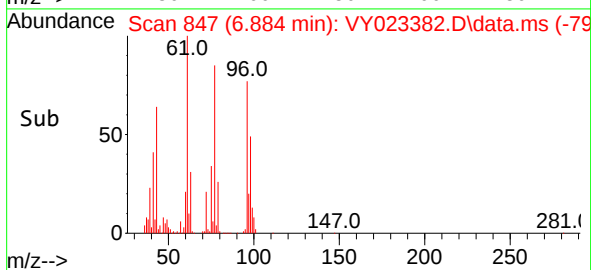
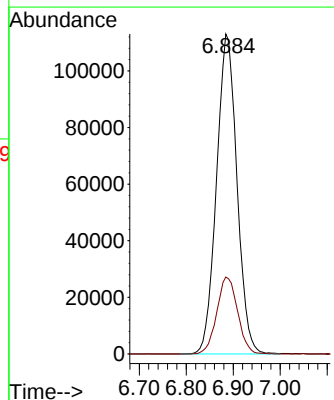
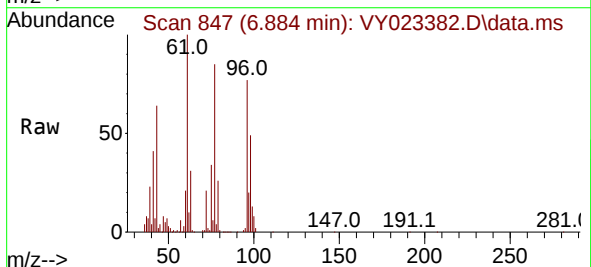
Instrument :
MSVOA_Y
ClientSampleId :

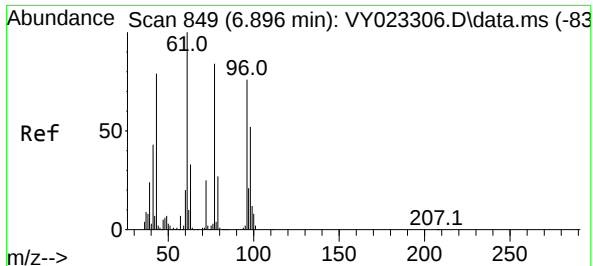
Tgt Ion: 43 Resp: 286855
Ion Ratio Lower Upper
43 100
72 32.6 23.5 35.3



#26
2,2-Dichloropropane
Concen: 41.777 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 77 Resp: 342041
Ion Ratio Lower Upper
77 100
97 24.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.812 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

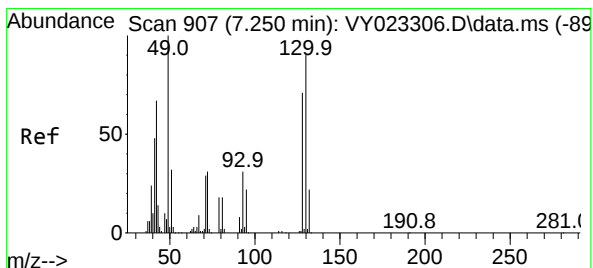
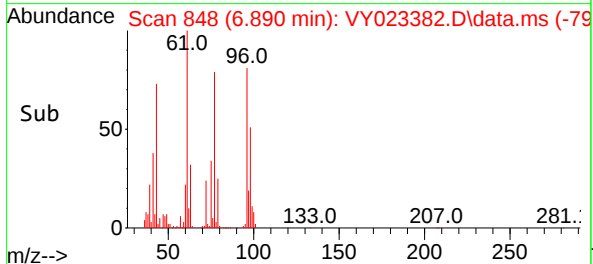
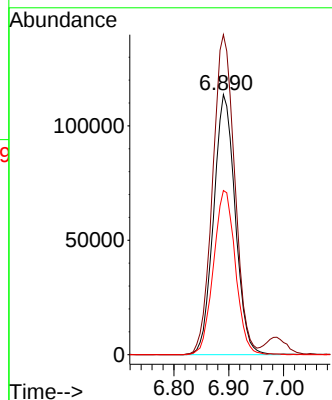
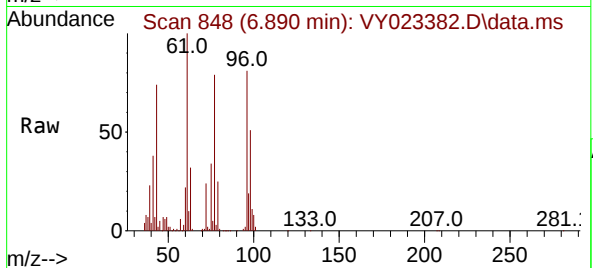
Tgt Ion: 96 Resp: 311223

Ion Ratio Lower Upper

96 100

61 125.6 0.0 278.6

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 41.259 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

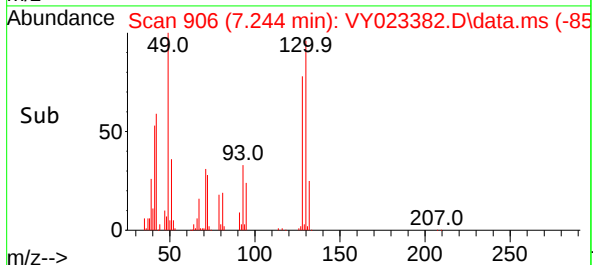
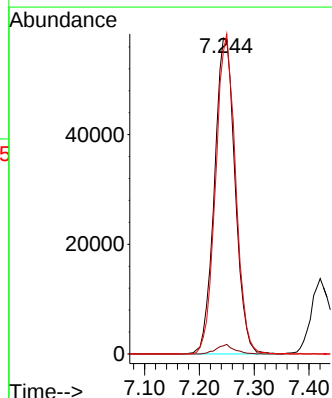
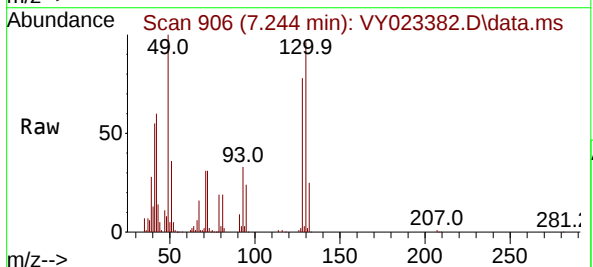
Tgt Ion: 49 Resp: 150538

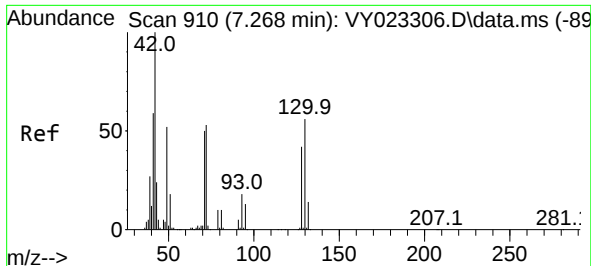
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 97.8 66.4 99.6

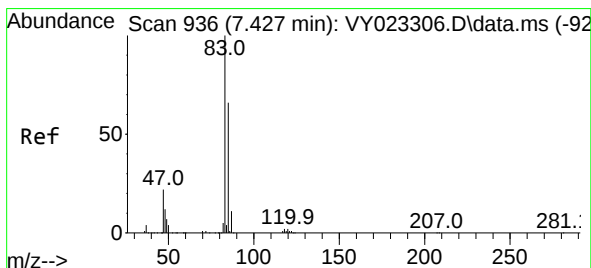
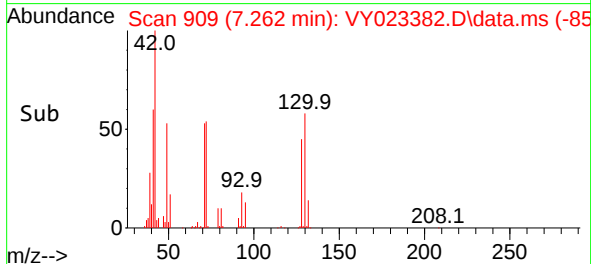
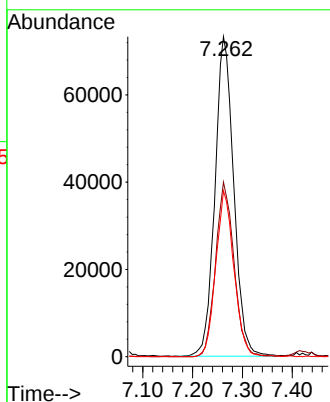
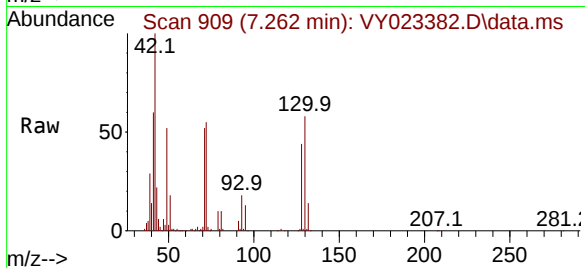




#29
Tetrahydrofuran
Concen: 246.114 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

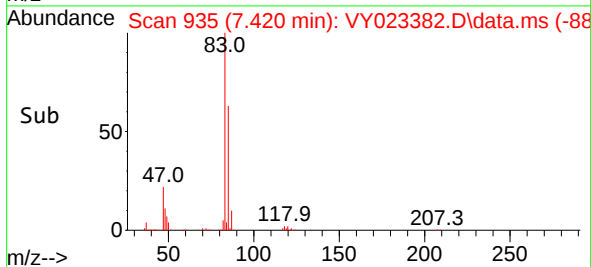
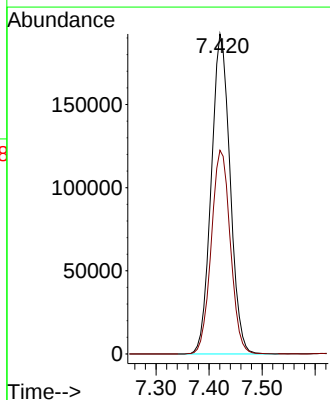
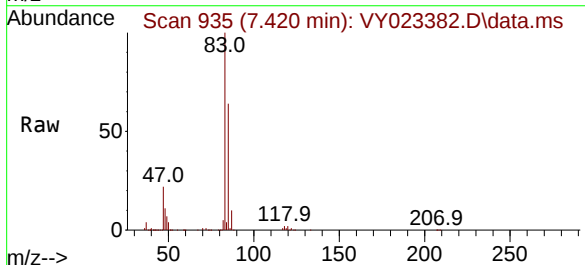
Instrument :
MSVOA_Y
ClientSampleId :

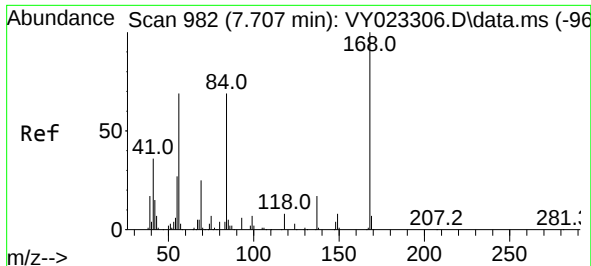
Tgt Ion: 42 Resp: 191897
Ion Ratio Lower Upper
42 100
72 53.5 39.4 59.2
71 50.2 36.5 54.7



#30
Chloroform
Concen: 47.609 ug/l
RT: 7.420 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

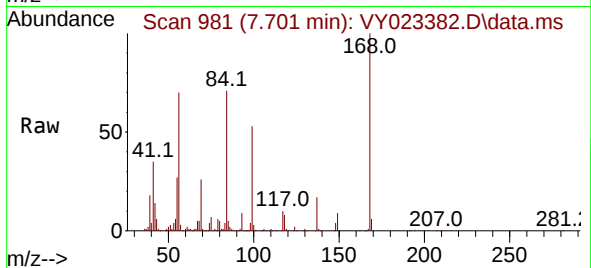
Tgt Ion: 83 Resp: 474329
Ion Ratio Lower Upper
83 100
85 63.6 53.8 80.8



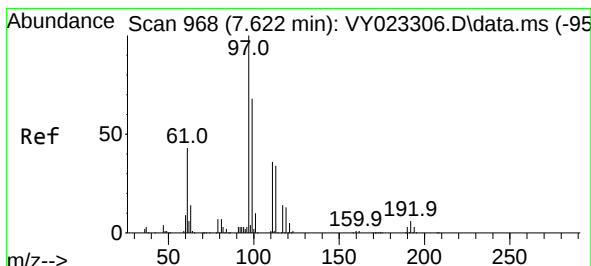
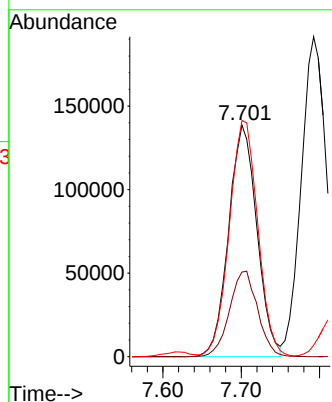
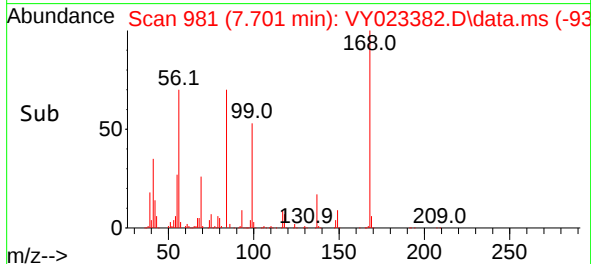


#31
Cyclohexane
Concen: 42.452 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :

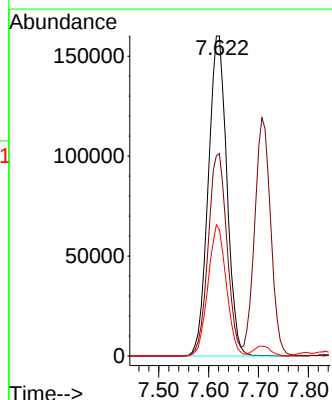
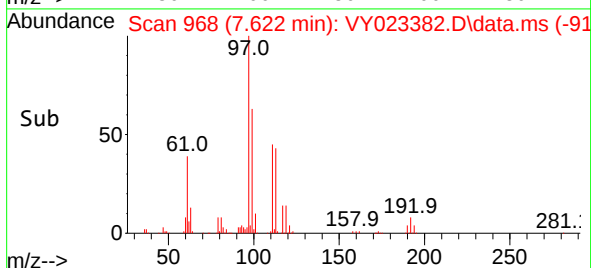
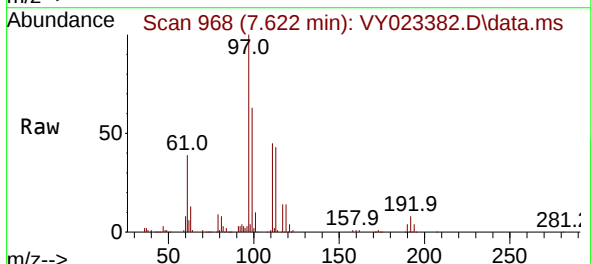


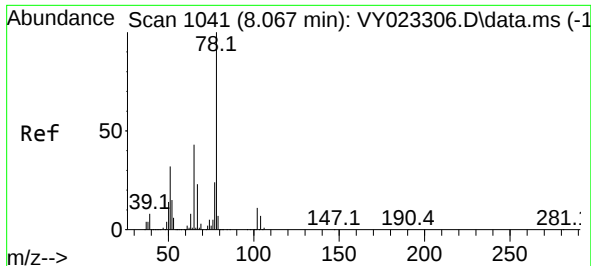
Tgt Ion: 56 Resp: 348335
Ion Ratio Lower Upper
56 100
69 36.6 28.2 42.2
84 100.0 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 46.596 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 97 Resp: 414764
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 40.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 46.112 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

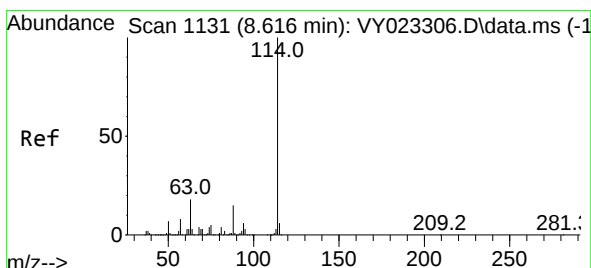
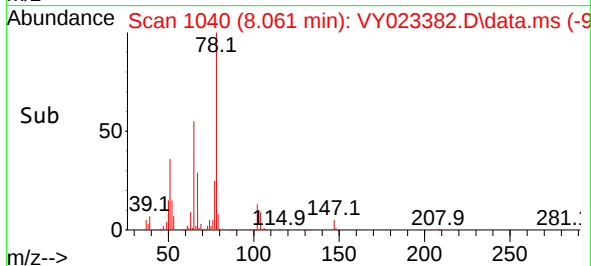
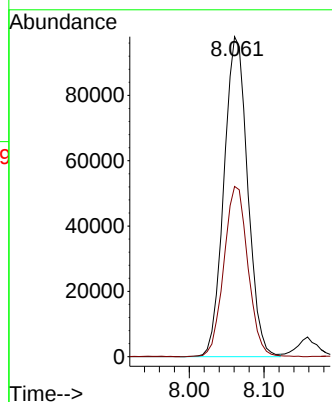
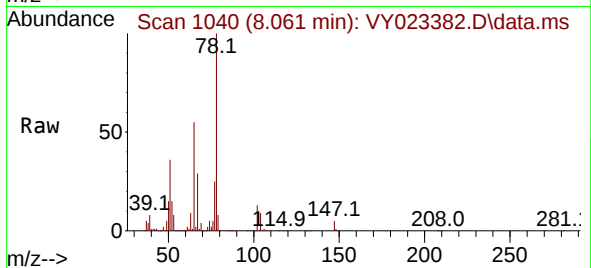
ClientSampleId :

Tgt Ion: 65 Resp: 216216

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

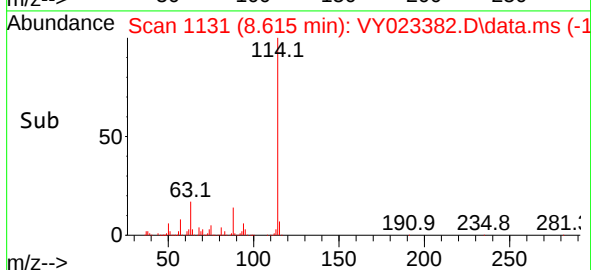
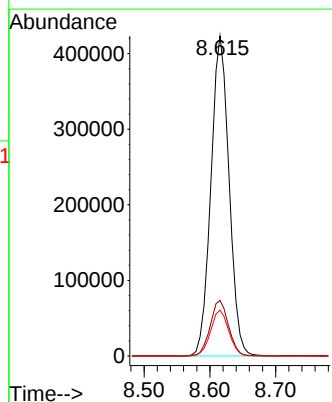
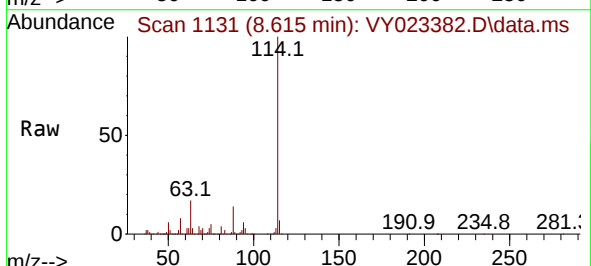
Tgt Ion: 114 Resp: 813307

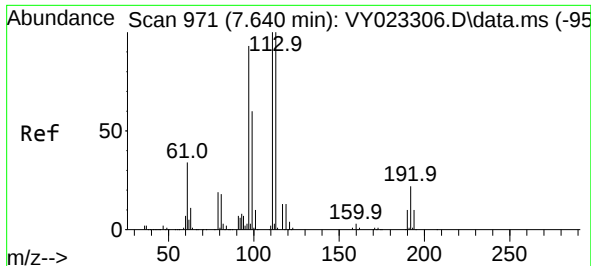
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 14.3 0.0 30.0

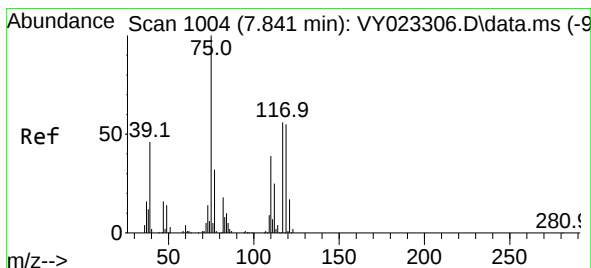
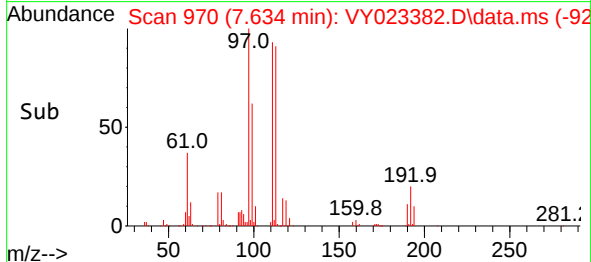
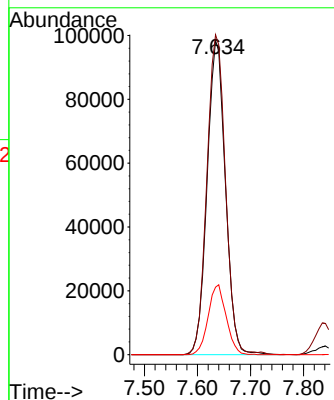
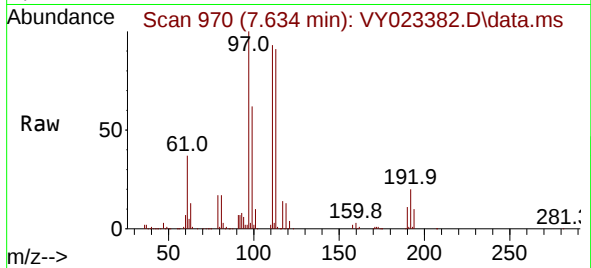




#35
Dibromofluoromethane
Concen: 47.410 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

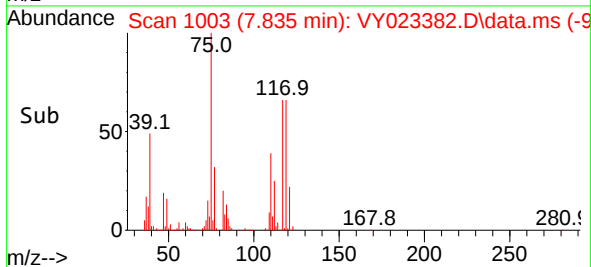
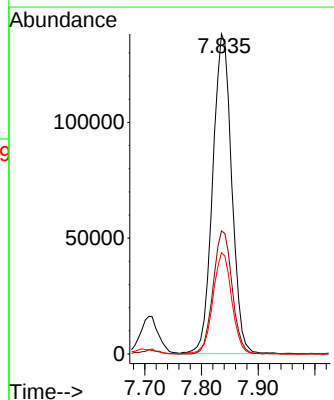
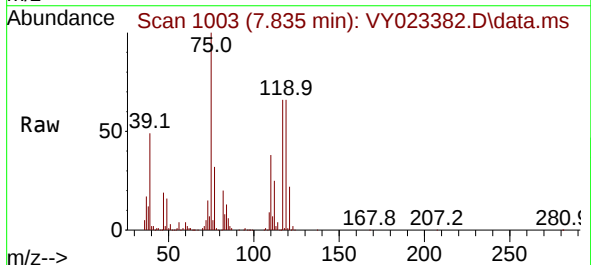
Instrument :
MSVOA_Y
ClientSampleId :

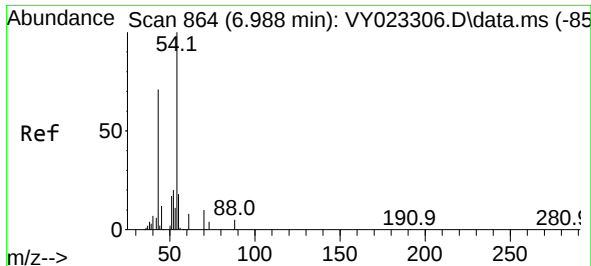
Tgt Ion:113 Resp: 235696
Ion Ratio Lower Upper
113 100
111 103.8 81.1 121.7
192 21.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 45.331 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 75 Resp: 320977
Ion Ratio Lower Upper
75 100
110 38.4 18.1 54.4
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 44.126 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.006 min

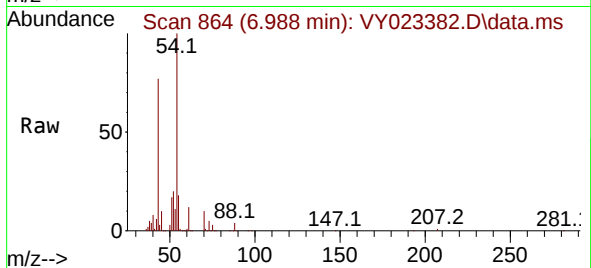
Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :



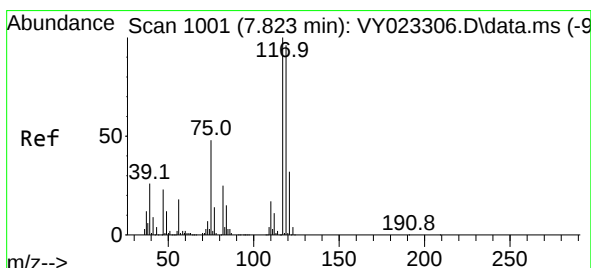
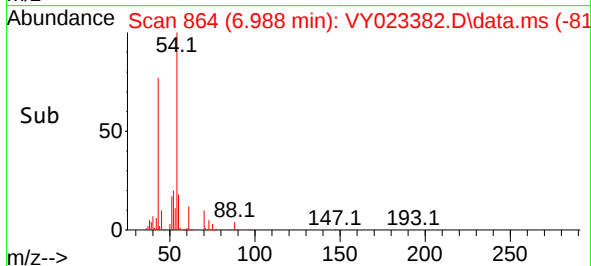
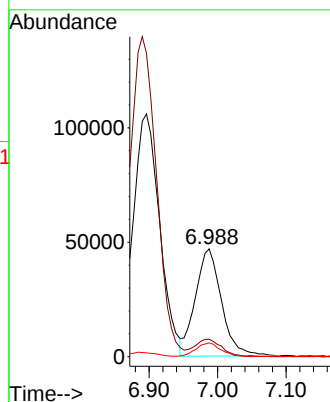
Tgt Ion: 43 Resp: 124289

Ion Ratio Lower Upper

43 100

61 16.9 11.9 17.9

70 12.2 8.8 13.2



#38

Carbon Tetrachloride

Concen: 45.967 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

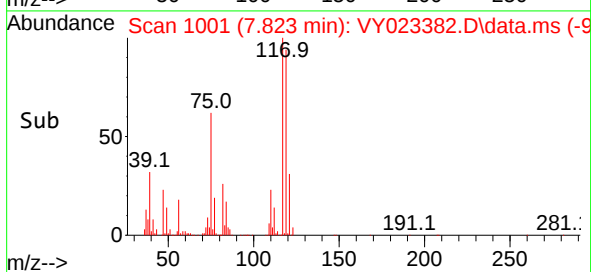
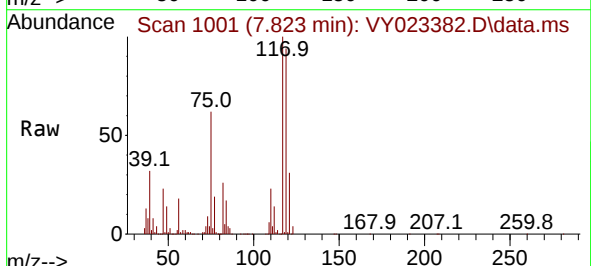
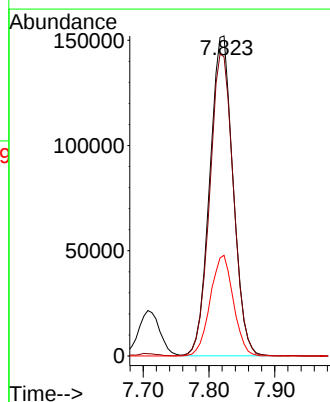
Tgt Ion: 117 Resp: 374515

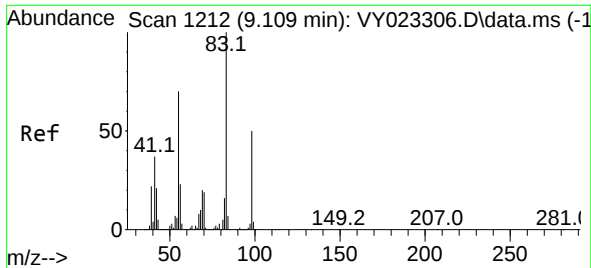
Ion Ratio Lower Upper

117 100

119 93.5 75.6 113.4

121 31.4 25.8 38.8

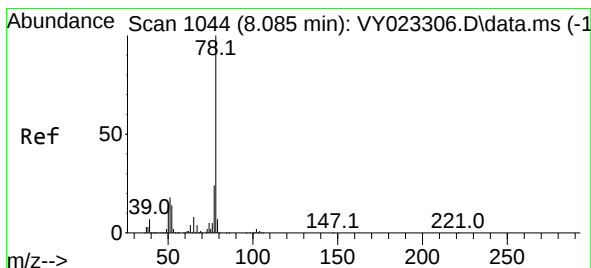
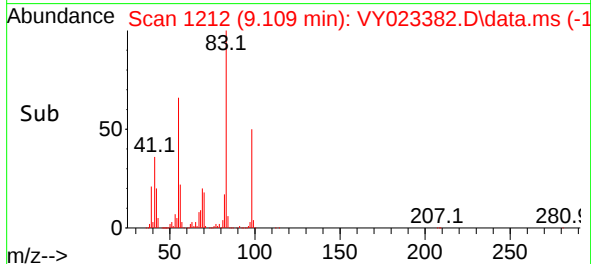
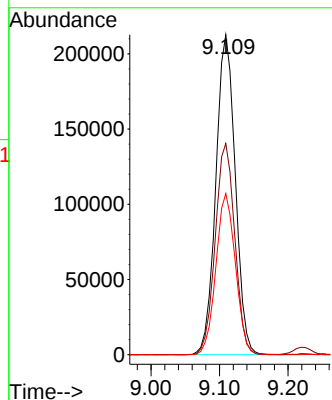
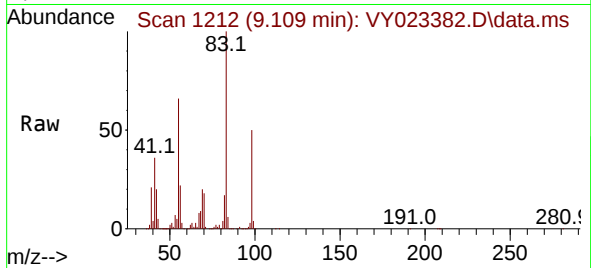




#39
Methylcyclohexane
Concen: 46.148 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

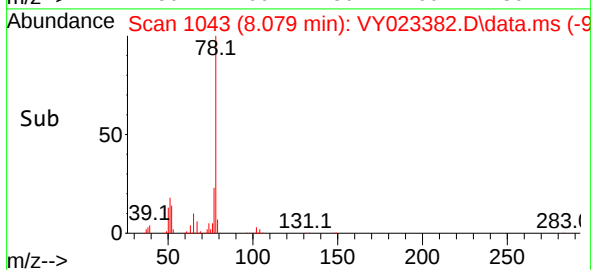
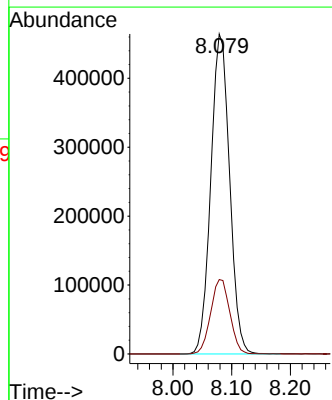
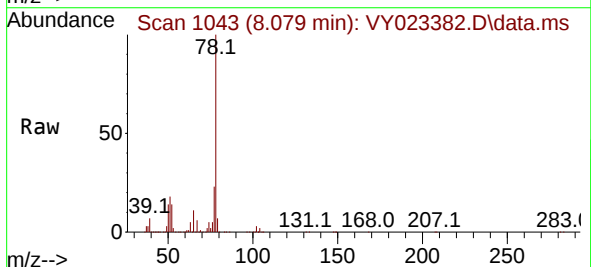
Instrument :
MSVOA_Y
ClientSampleId :

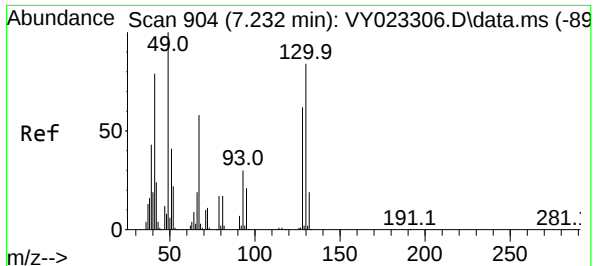
Tgt Ion: 83 Resp: 418027
Ion Ratio Lower Upper
83 100
55 66.0 57.6 86.4
98 50.3 39.2 58.8



#40
Benzene
Concen: 46.834 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

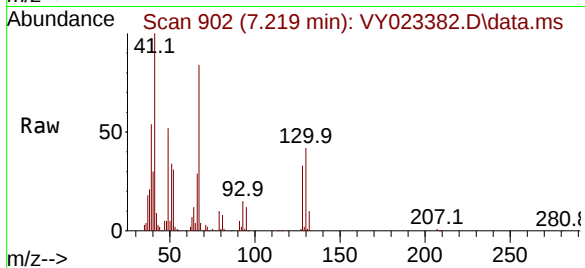
Tgt Ion: 78 Resp: 1030768
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0



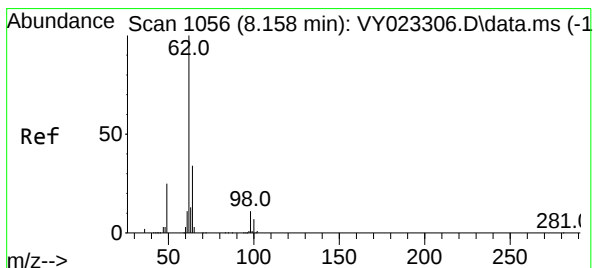
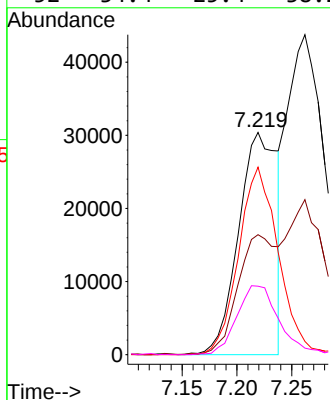
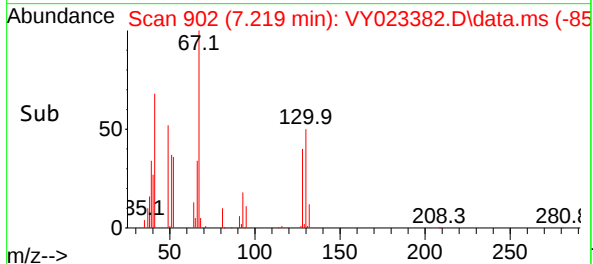


#41
Methacrylonitrile
Concen: 50.910 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

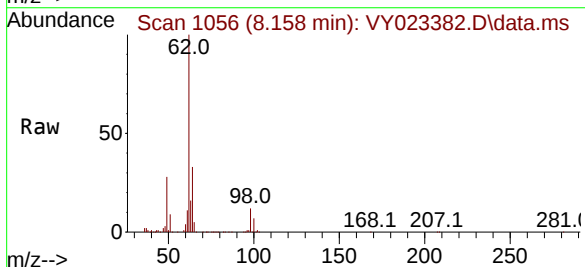
Instrument :
MSVOA_Y
ClientSampleId :



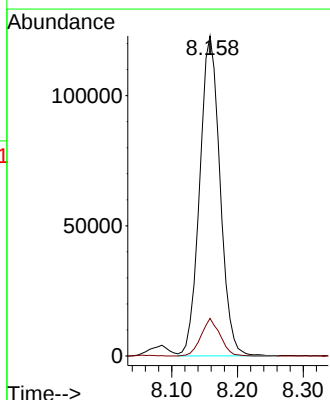
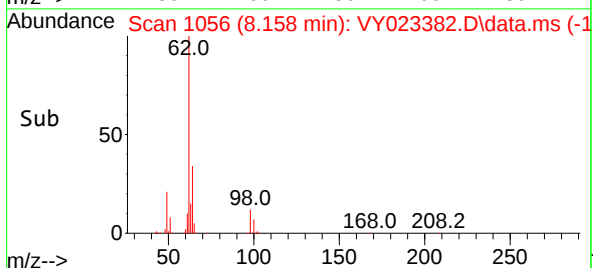
Tgt Ion: 41	Resp: 74259
Ion Ratio	Lower Upper
41 100	
39 54.5	43.4 65.2
67 88.2	63.6 95.4
52 34.4	25.4 38.2

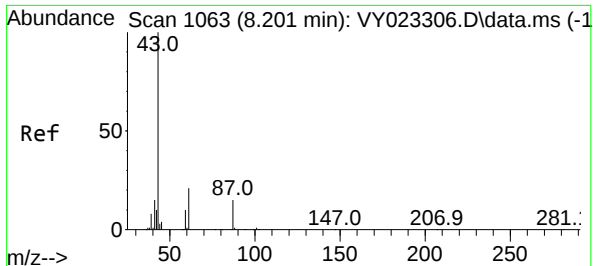


#42
1,2-Dichloroethane
Concen: 47.201 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26



Tgt Ion: 62	Resp: 264492
Ion Ratio	Lower Upper
62 100	
98 11.0	0.0 20.6

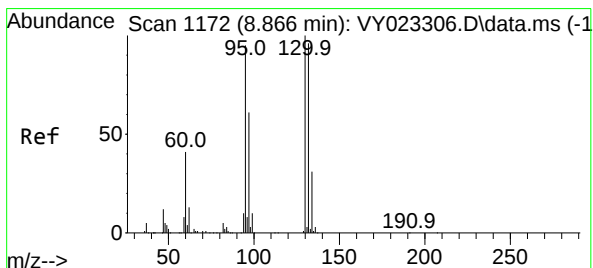
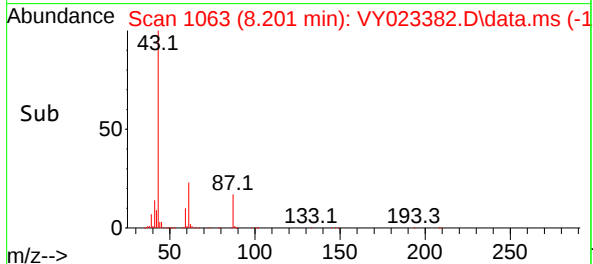
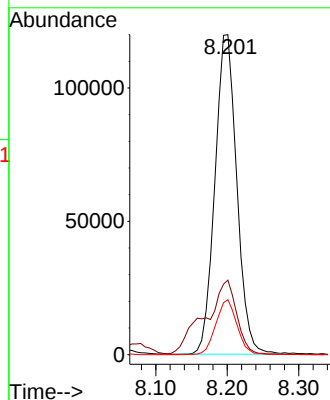
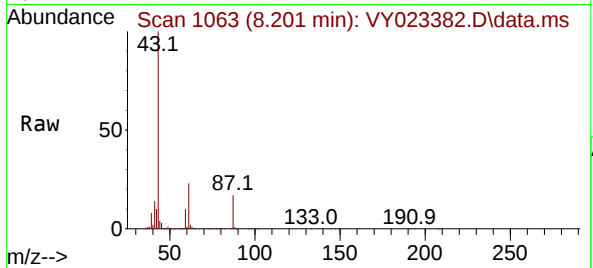




#43
Isopropyl Acetate
Concen: 46.505 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

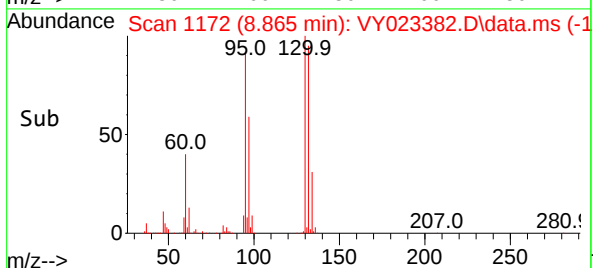
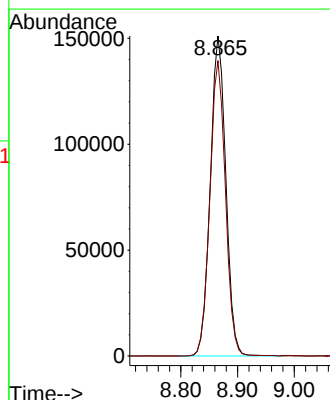
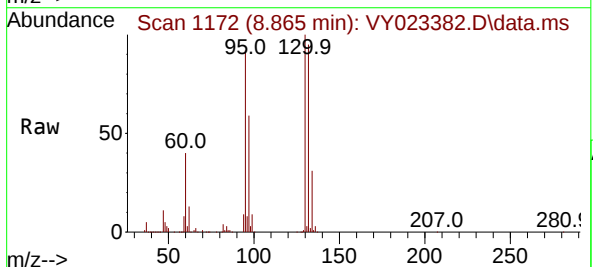
Instrument :
MSVOA_Y
ClientSampleId :

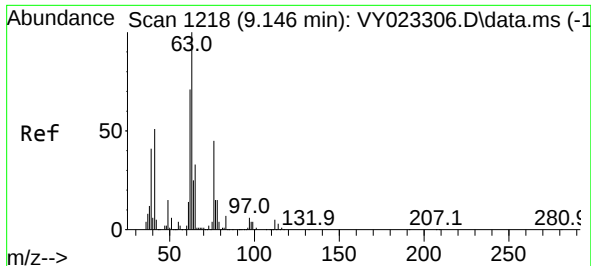
Tgt Ion: 43 Resp: 254773
Ion Ratio Lower Upper
43 100
61 34.0 16.4 24.6#
87 16.7 11.8 17.6



#44
Trichloroethene
Concen: 46.921 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion:130 Resp: 287636
Ion Ratio Lower Upper
130 100
95 92.3 0.0 190.2





#45

1,2-Dichloropropane

Concen: 47.079 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

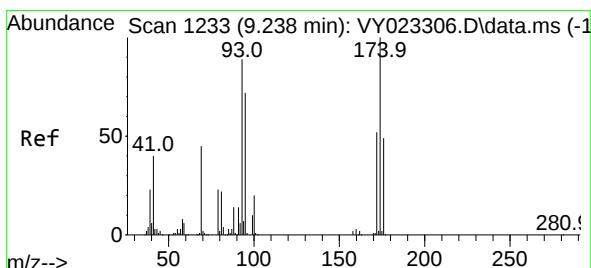
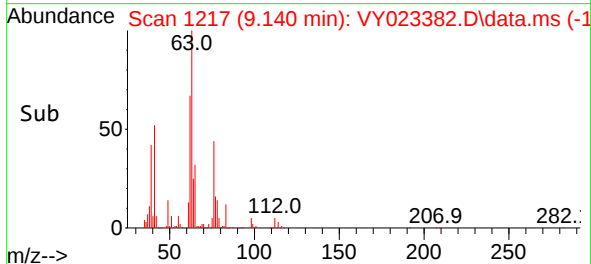
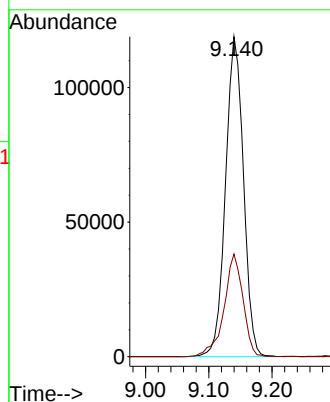
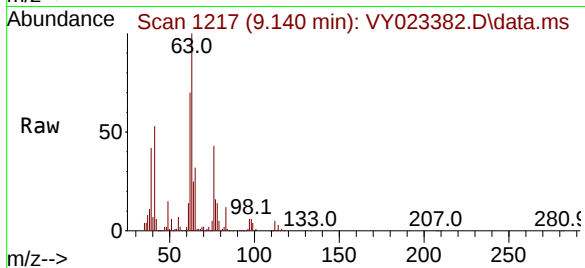
ClientSampleId :

Tgt Ion: 63 Resp: 234012

Ion Ratio Lower Upper

63 100

65 32.1 25.3 37.9



#46

Dibromomethane

Concen: 48.043 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

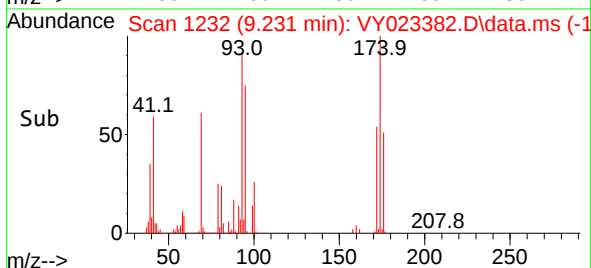
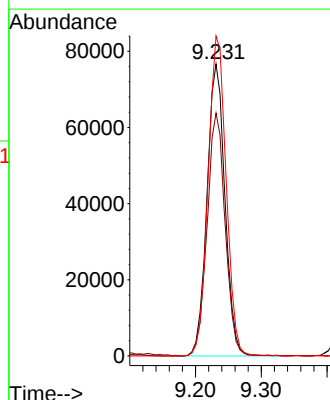
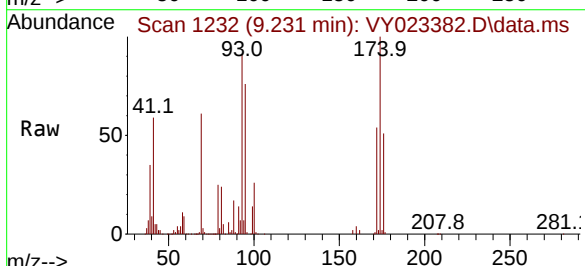
Tgt Ion: 93 Resp: 145430

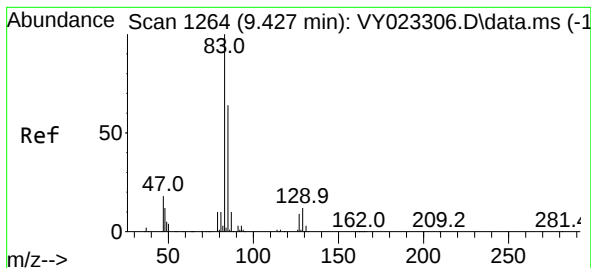
Ion Ratio Lower Upper

93 100

95 83.7 66.5 99.7

174 110.5 81.8 122.8





#47

Bromodichloromethane

Concen: 47.846 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

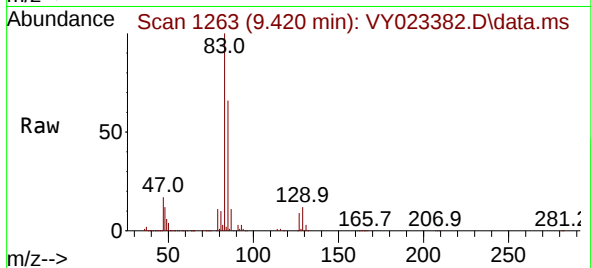
Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :



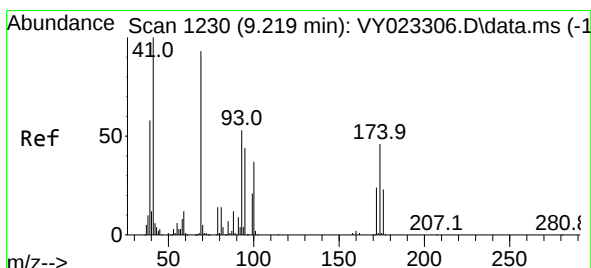
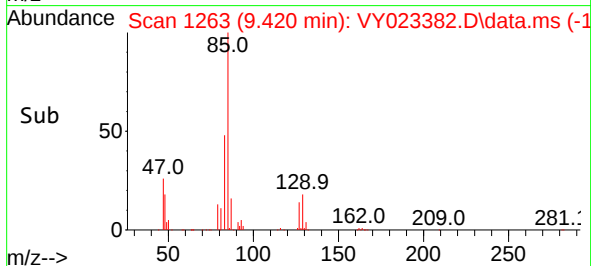
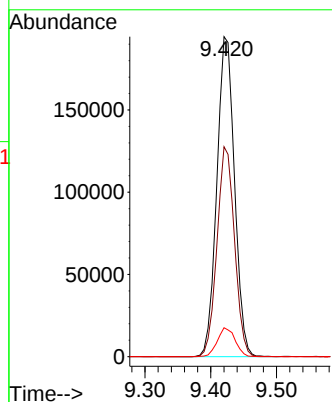
Tgt Ion: 83 Resp: 364361

Ion Ratio Lower Upper

83 100

85 65.6 50.2 75.4

127 9.1 6.6 10.0



#48

Methyl methacrylate

Concen: 49.433 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

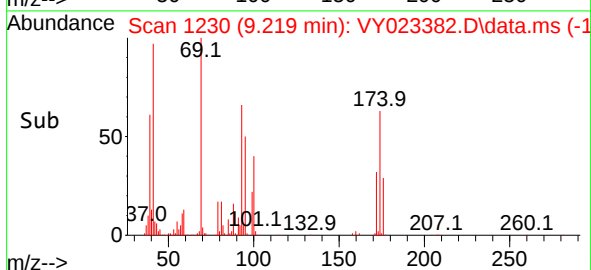
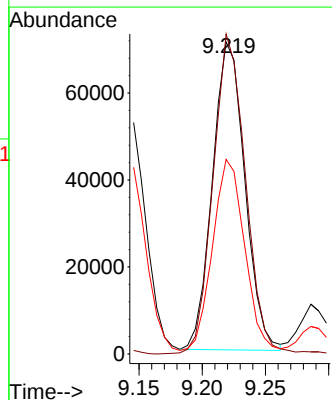
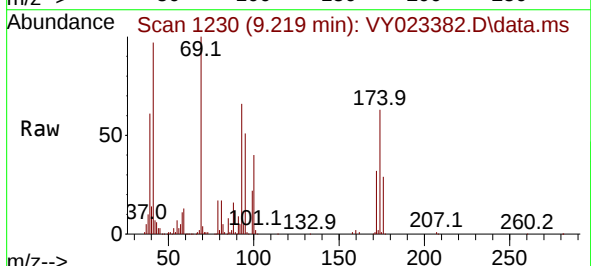
Tgt Ion: 41 Resp: 126230

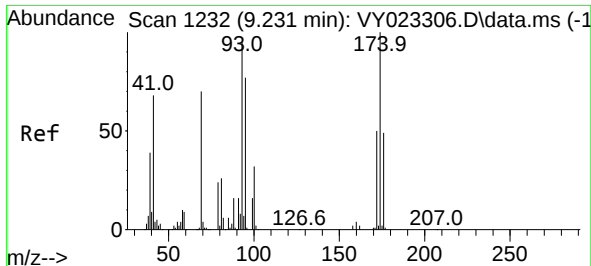
Ion Ratio Lower Upper

41 100

69 104.0 73.2 109.8

39 61.2 47.0 70.4





#49

1,4-Dioxane

Concen: 1086.025 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

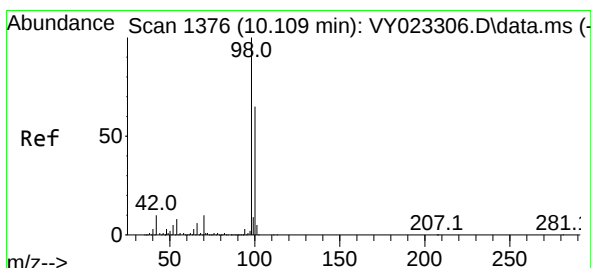
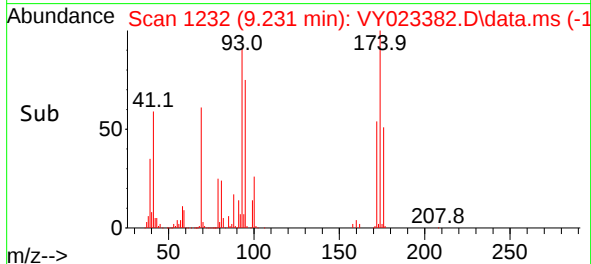
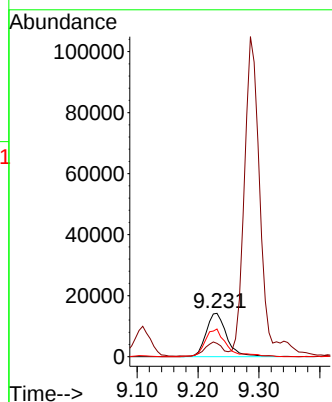
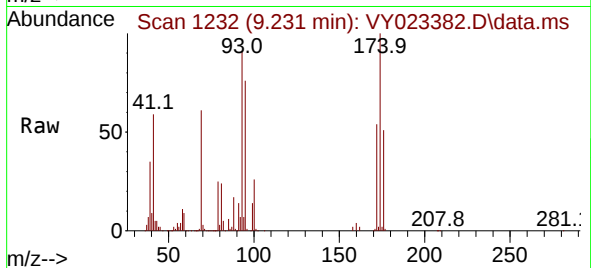
Tgt Ion: 88 Resp: 33371

Ion Ratio Lower Upper

88 100

43 27.8 24.3 36.5

58 66.8 55.4 83.0



#50

Toluene-d8

Concen: 48.019 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023382.D

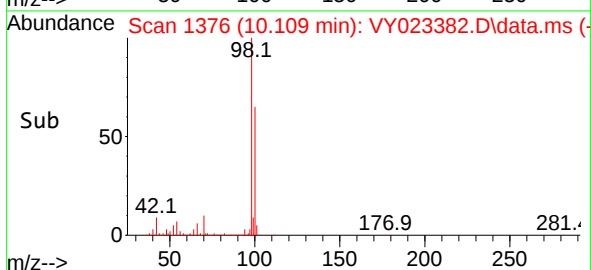
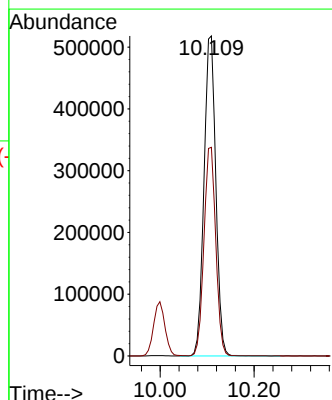
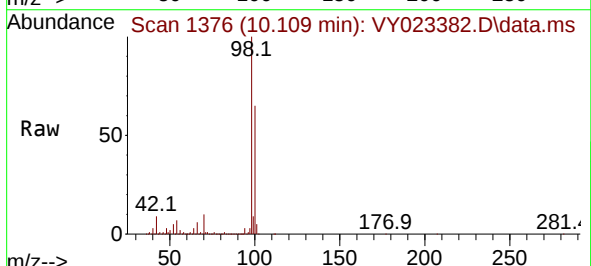
Acq: 25 Sep 2025 18:26

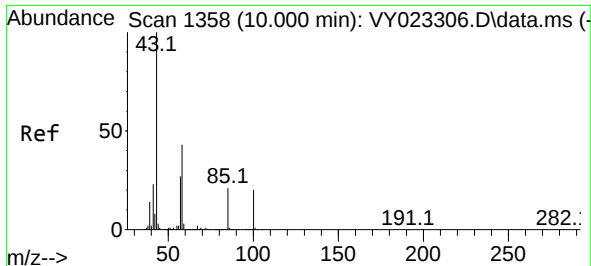
Tgt Ion: 98 Resp: 901437

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

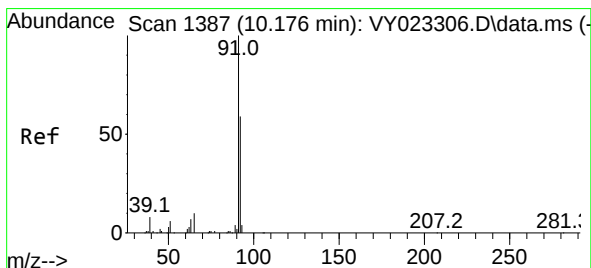
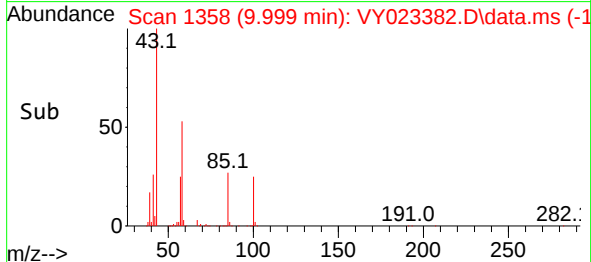
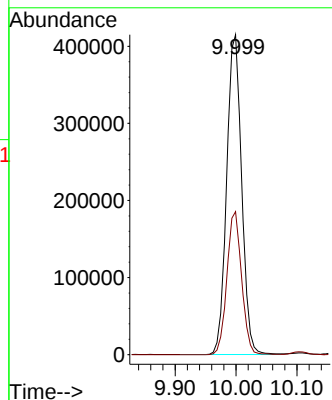
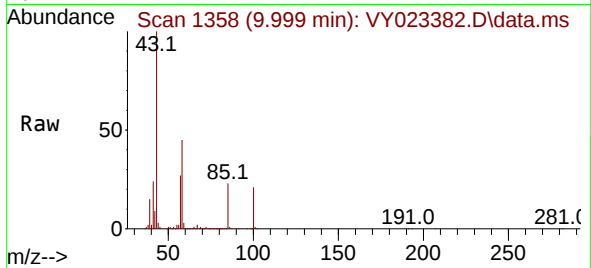




#51
4-Methyl-2-Pentanone
Concen: 252.143 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

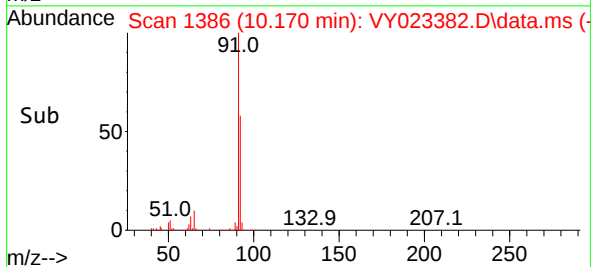
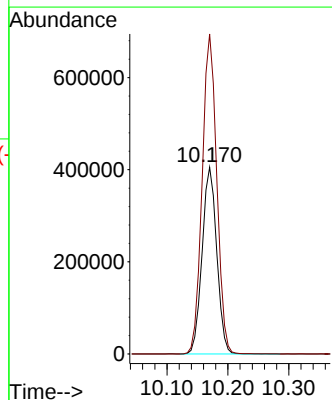
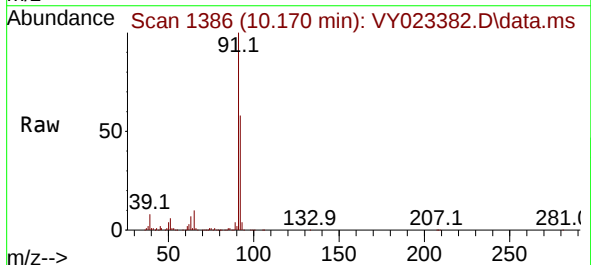
Instrument :
MSVOA_Y
ClientSampleId :

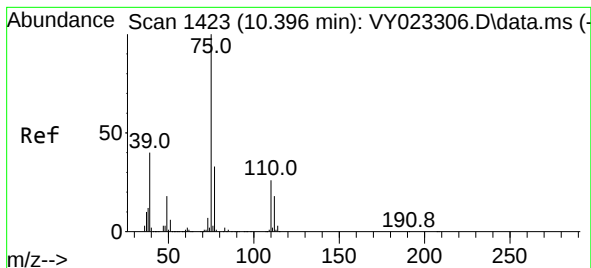
Tgt Ion: 43 Resp: 706702
Ion Ratio Lower Upper
43 100
58 43.9 33.5 50.3



#52
Toluene
Concen: 48.388 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 92 Resp: 675842
Ion Ratio Lower Upper
92 100
91 171.3 136.4 204.6

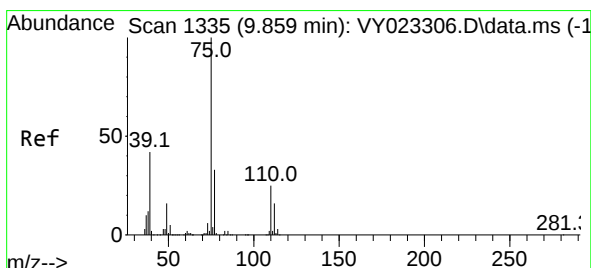
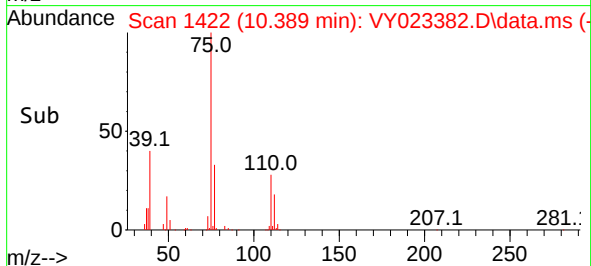
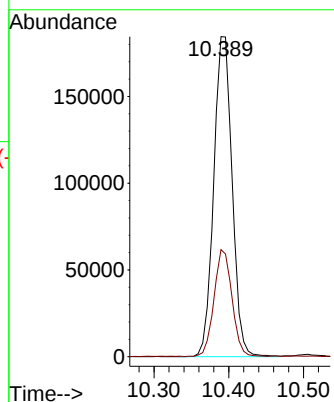
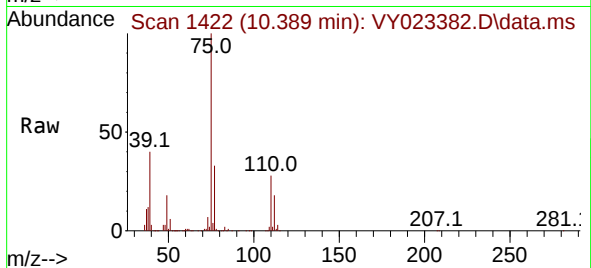




#53
t-1,3-Dichloropropene
Concen: 48.275 ug/l
RT: 10.389 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

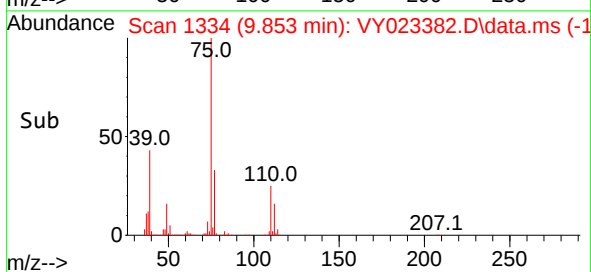
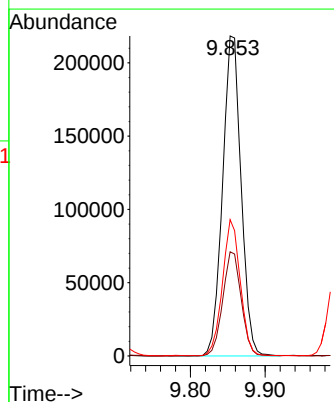
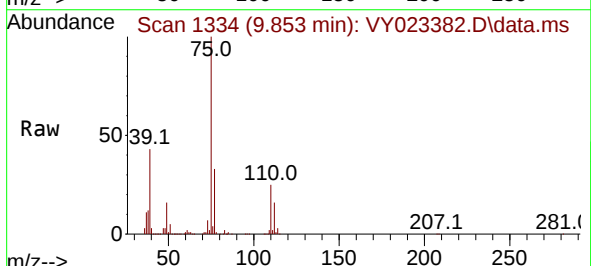
Instrument :
MSVOA_Y
ClientSampleId :

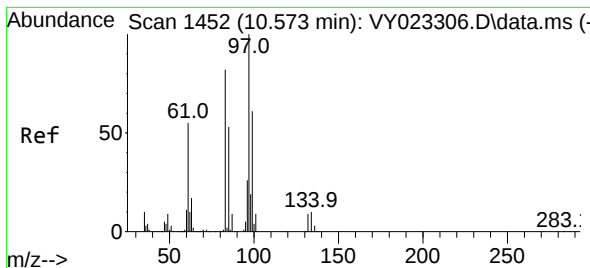
Tgt Ion: 75 Resp: 316513
Ion Ratio Lower Upper
75 100
77 33.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 48.068 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 75 Resp: 376586
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 42.4 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 48.835 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.006 min

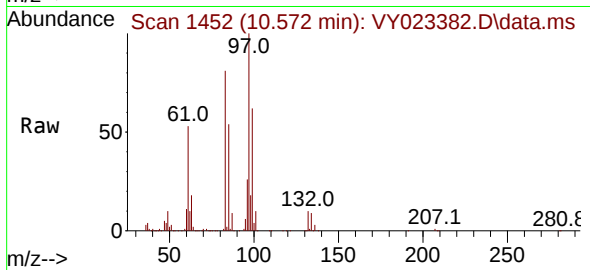
Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 196638

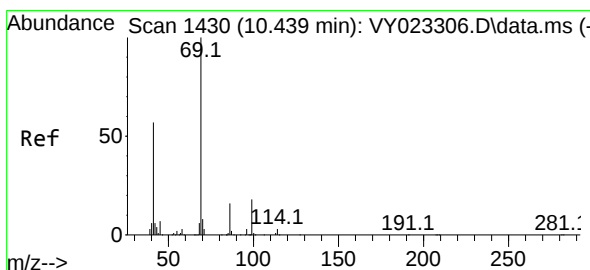
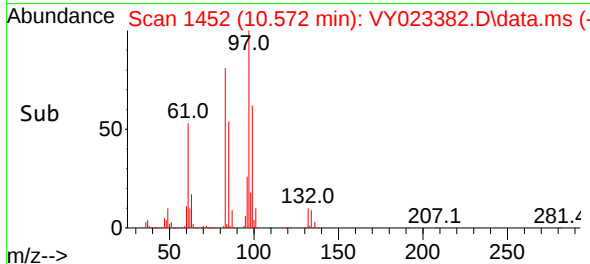
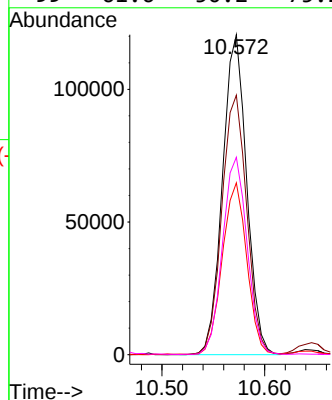
Ion Ratio Lower Upper

97 100

83 81.1 67.7 101.5

85 53.6 44.5 66.7

99 61.6 50.2 75.2



#56

Ethyl methacrylate

Concen: 52.432 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

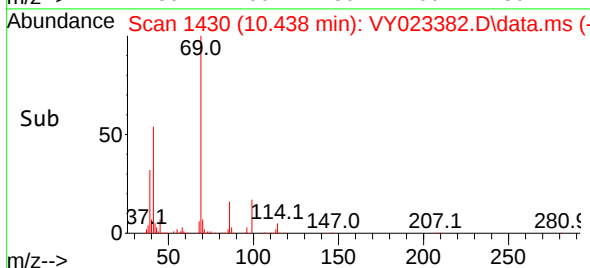
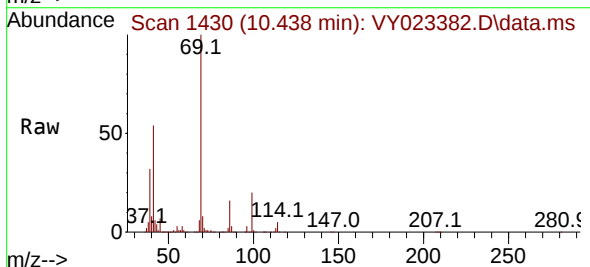
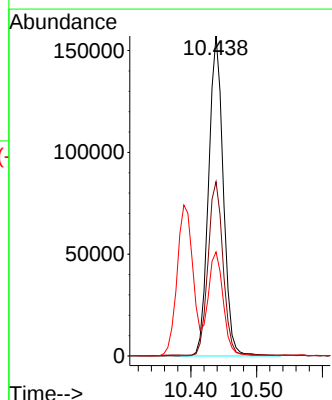
Tgt Ion: 69 Resp: 244601

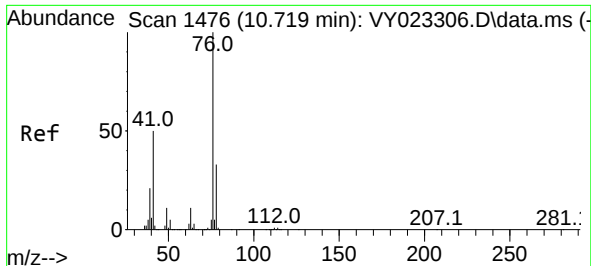
Ion Ratio Lower Upper

69 100

41 55.0 48.6 72.8

39 33.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 48.857 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

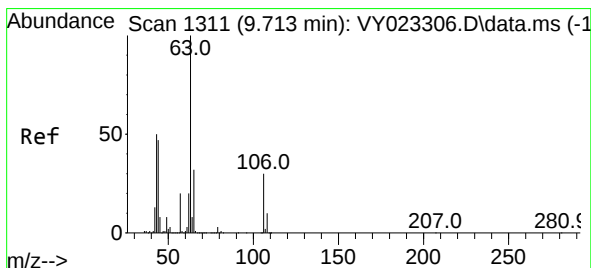
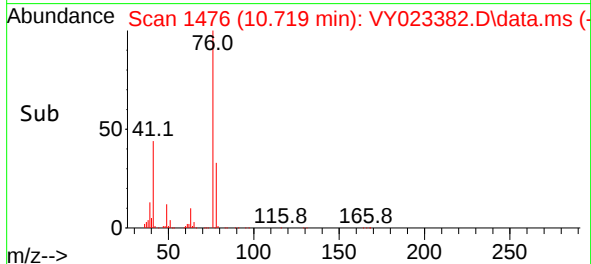
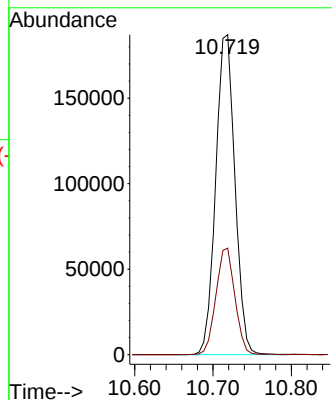
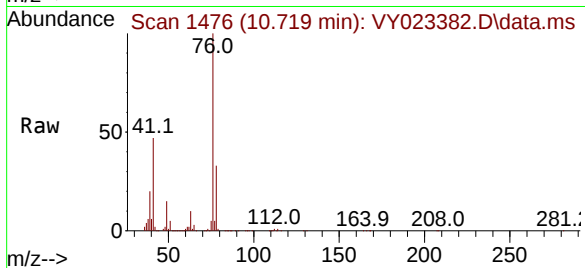
ClientSampleId :

Tgt Ion: 76 Resp: 319379

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 280.730 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023382.D

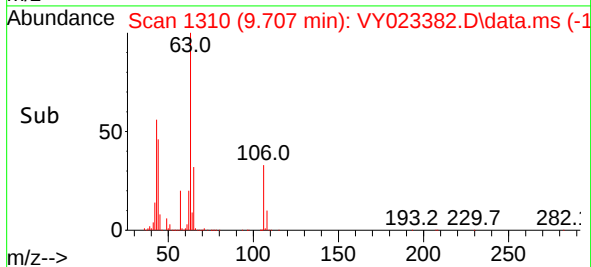
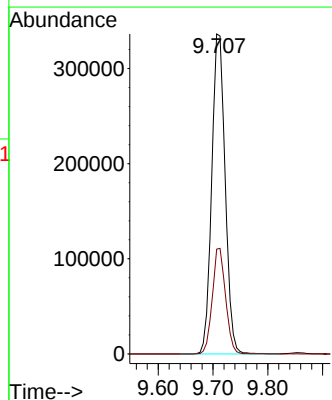
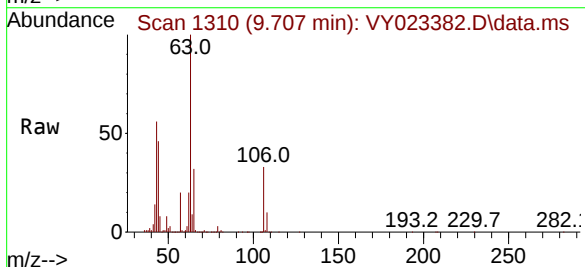
Acq: 25 Sep 2025 18:26

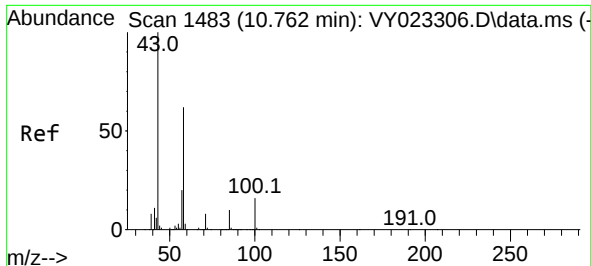
Tgt Ion: 63 Resp: 570791

Ion Ratio Lower Upper

63 100

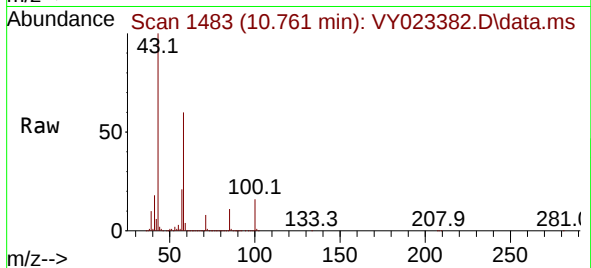
106 32.5 23.2 34.8



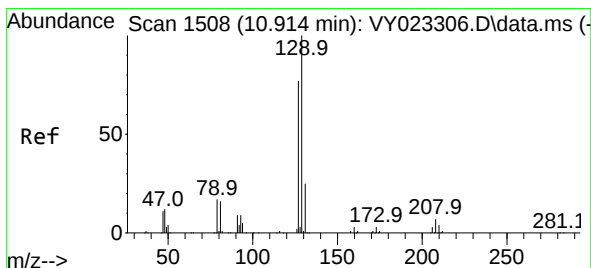
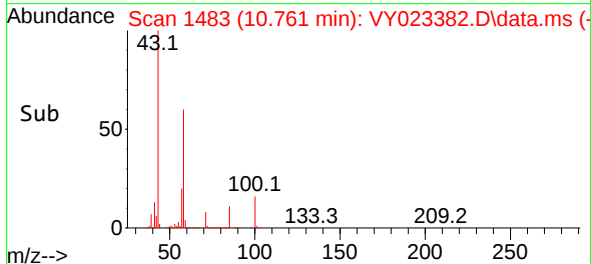
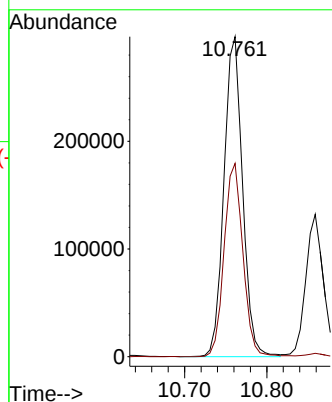


#59
2-Hexanone
Concen: 241.055 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :

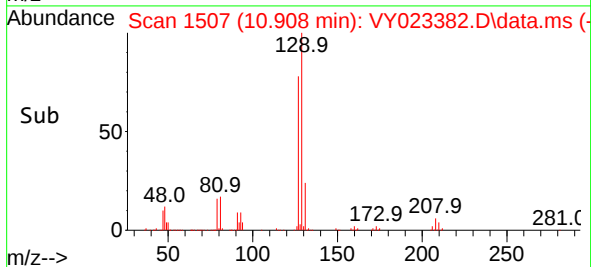
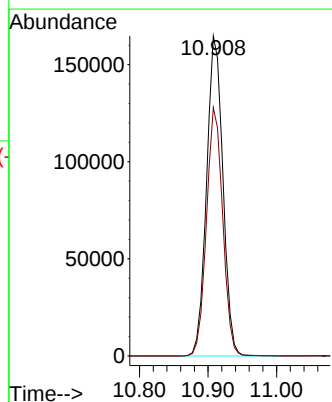
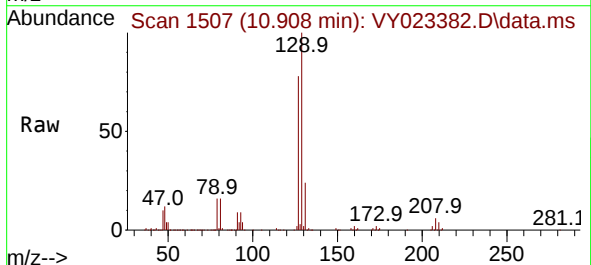


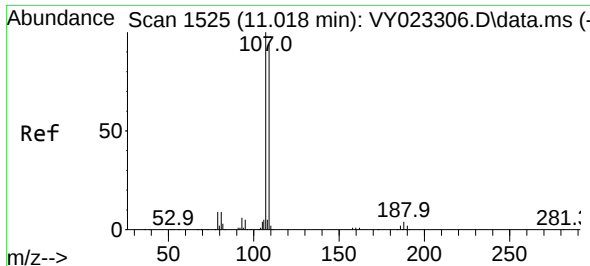
Tgt Ion: 43 Resp: 467059
Ion Ratio Lower Upper
43 100
58 61.1 29.5 88.5



#60
Dibromochloromethane
Concen: 49.951 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 129 Resp: 272903
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

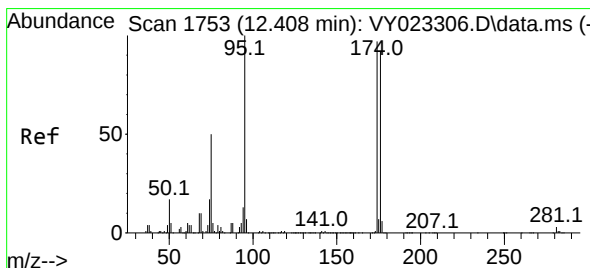
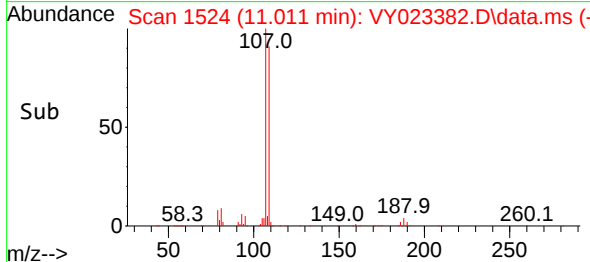
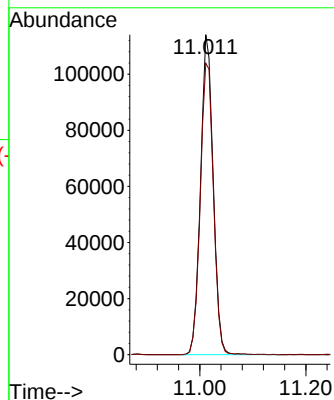
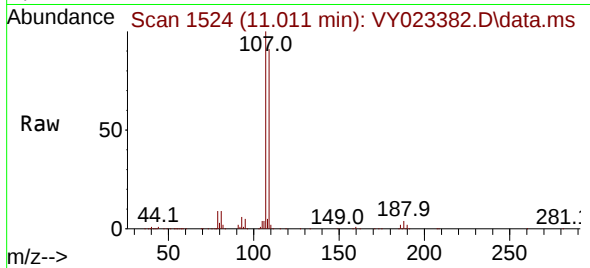




#61
1,2-Dibromoethane
Concen: 50.091 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

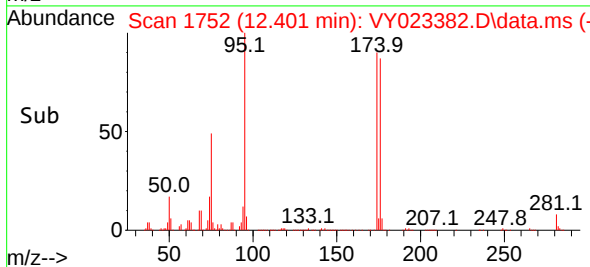
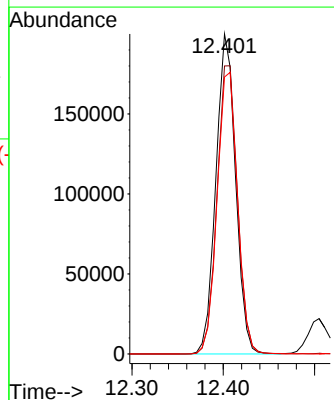
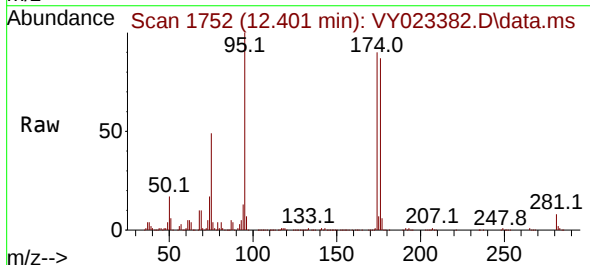
Instrument :
MSVOA_Y
ClientSampleId :

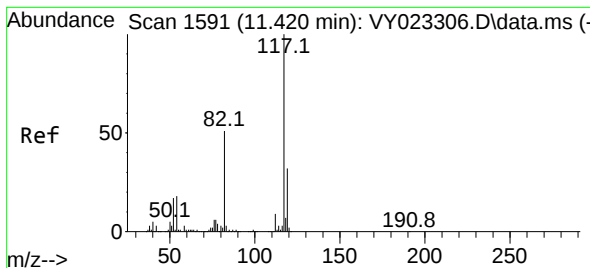
Tgt Ion:107 Resp: 189002
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.691 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 95 Resp: 299466
Ion Ratio Lower Upper
95 100
174 93.7 0.0 171.6
176 91.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

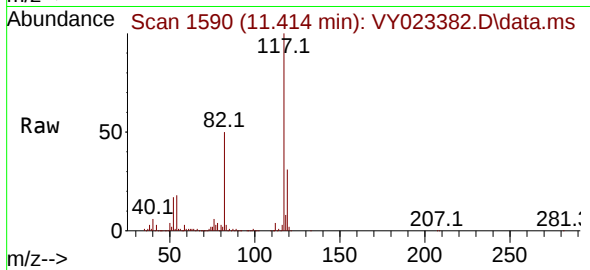
Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :



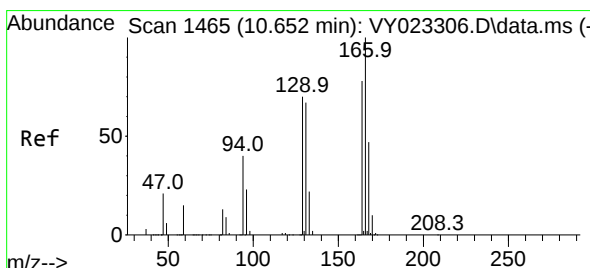
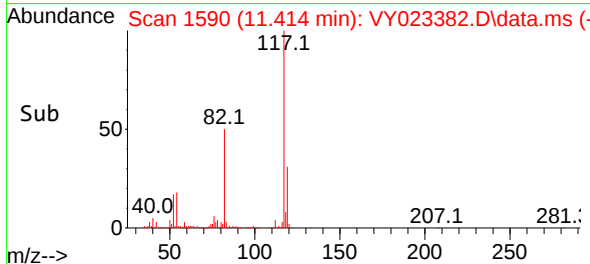
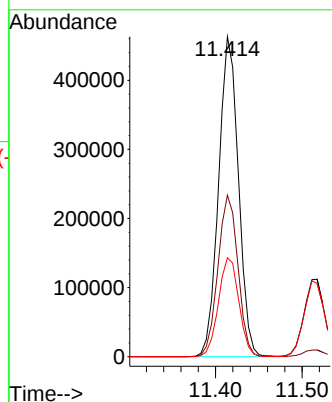
Tgt Ion:117 Resp: 736444

Ion Ratio Lower Upper

117 100

82 50.5 43.4 65.0

119 30.9 25.6 38.4



#64

Tetrachloroethene

Concen: 46.369 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Tgt Ion:164 Resp: 340346

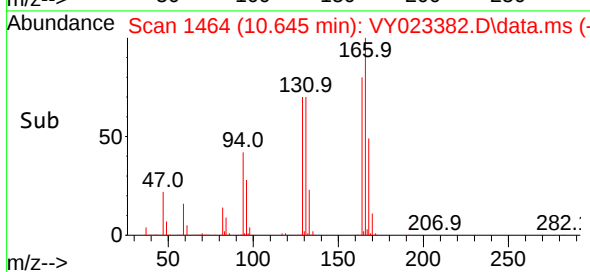
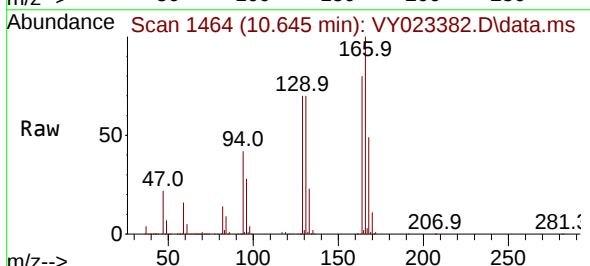
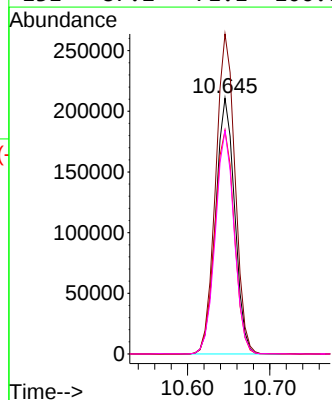
Ion Ratio Lower Upper

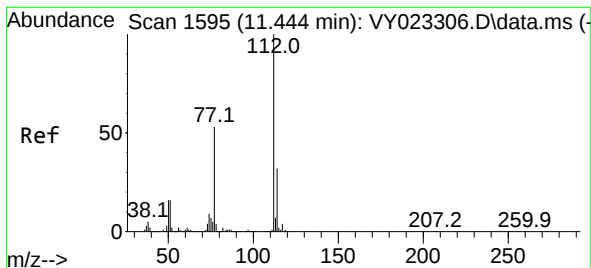
164 100

166 125.1 101.1 151.7

129 87.4 74.0 111.0

131 87.2 71.1 106.7

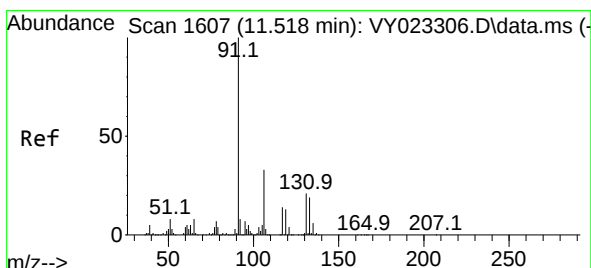
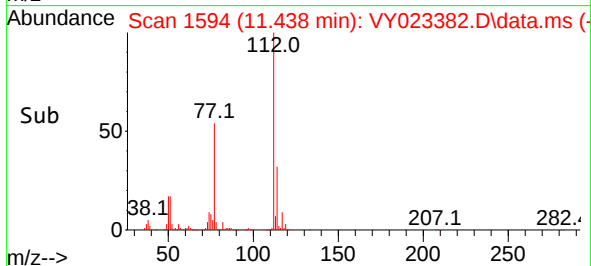
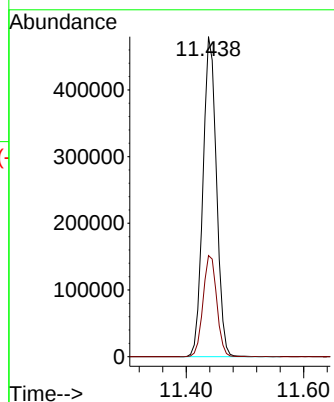
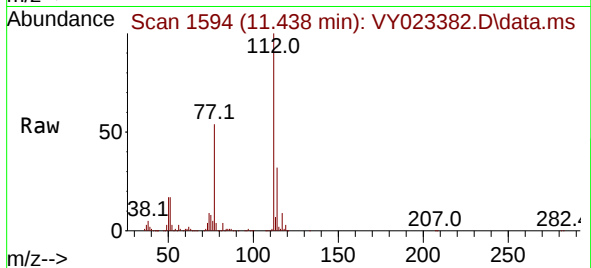




#65
Chlorobenzene
Concen: 47.504 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

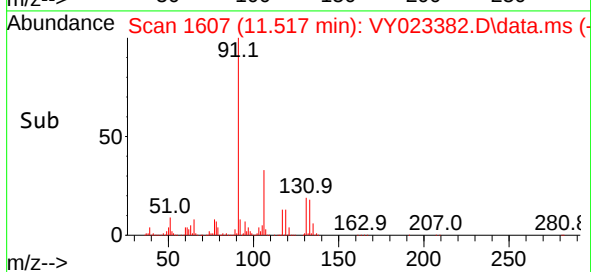
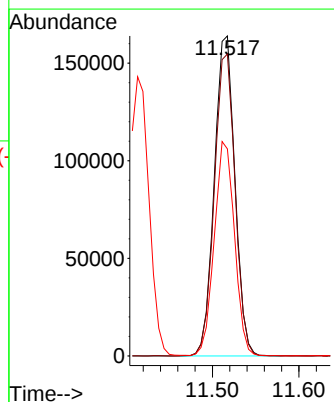
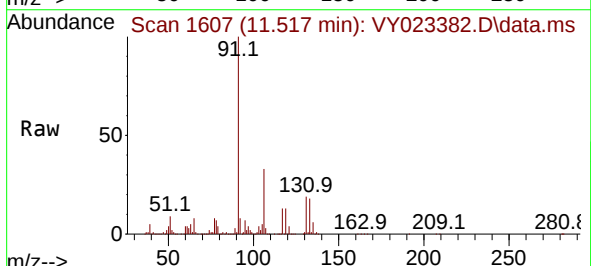
Instrument :
MSVOA_Y
ClientSampleId :

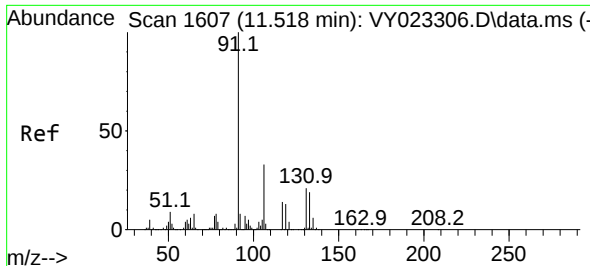
Tgt Ion:112 Resp: 766405
Ion Ratio Lower Upper
112 100
114 31.6 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.888 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion:131 Resp: 271182
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.6
119 65.9 33.2 99.6





#67

Ethyl Benzene

Concen: 48.118 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

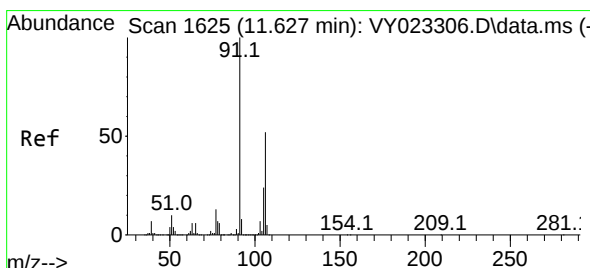
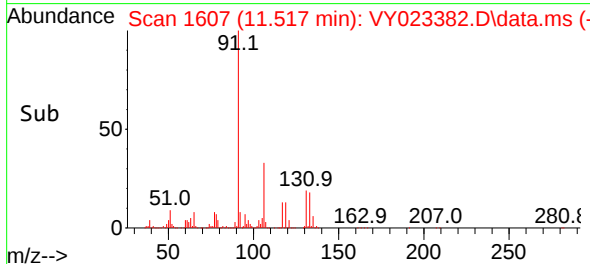
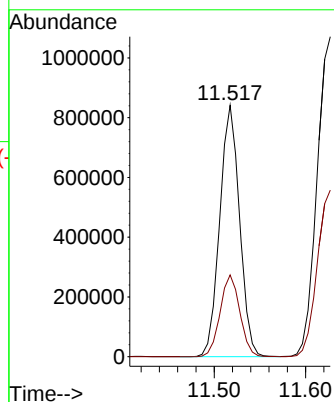
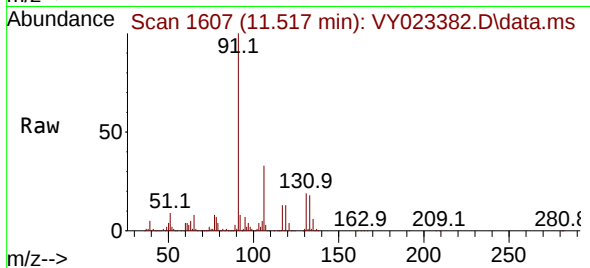
ClientSampleId :

Tgt Ion: 91 Resp: 1268274

Ion Ratio Lower Upper

91 100

106 32.6 25.0 37.4



#68

m/p-Xylenes

Concen: 96.399 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023382.D

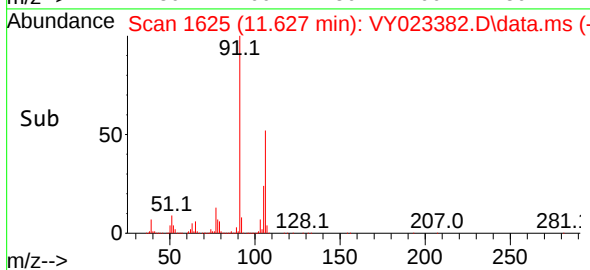
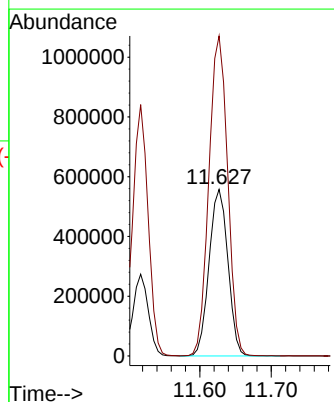
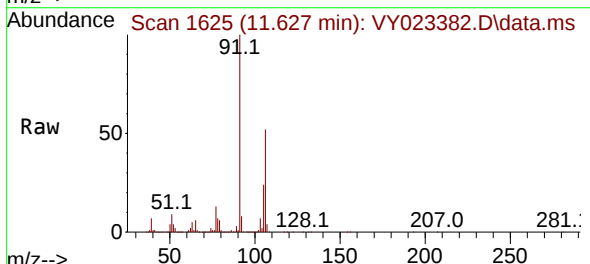
Acq: 25 Sep 2025 18:26

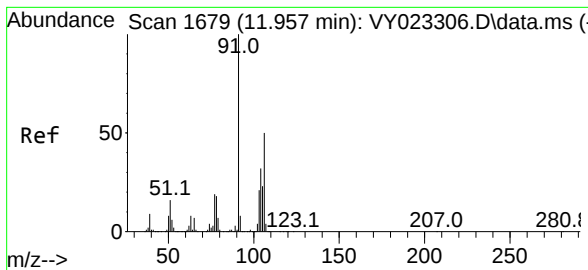
Tgt Ion:106 Resp: 1017410

Ion Ratio Lower Upper

106 100

91 192.0 158.6 238.0

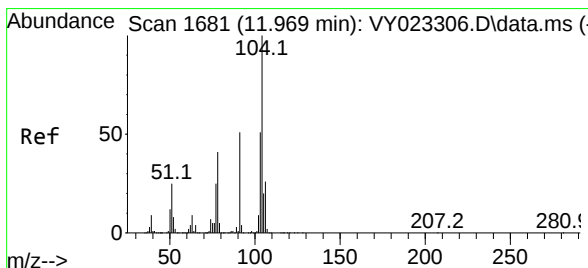
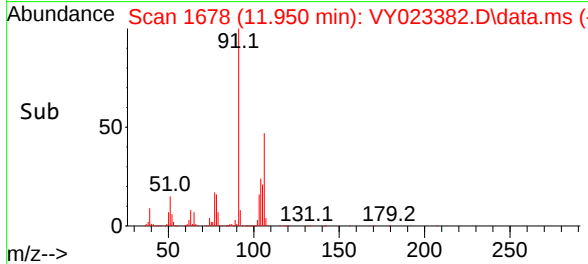
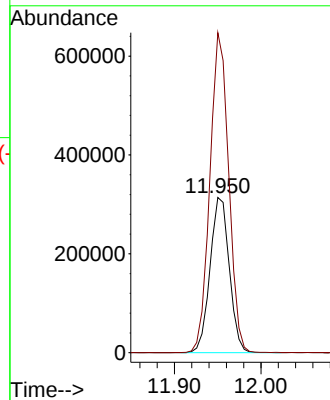
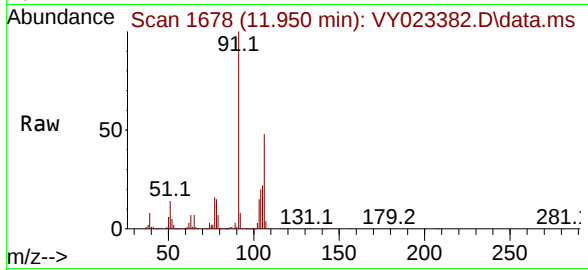




#69
o-Xylene
Concen: 49.579 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

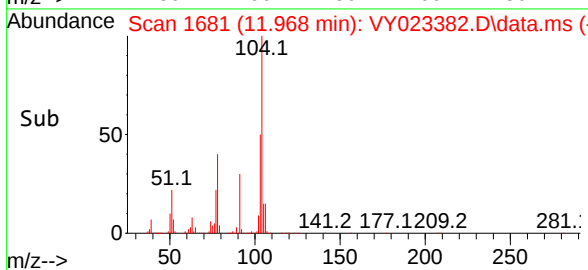
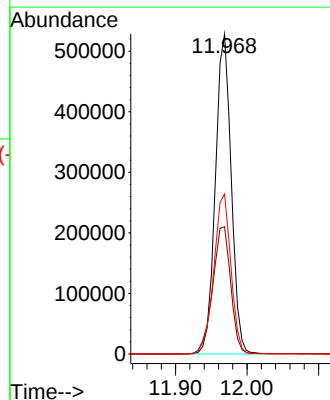
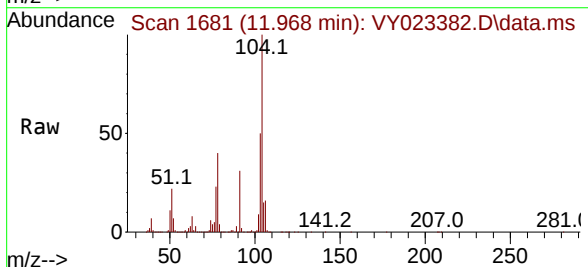
Instrument :
MSVOA_Y
ClientSampleId :

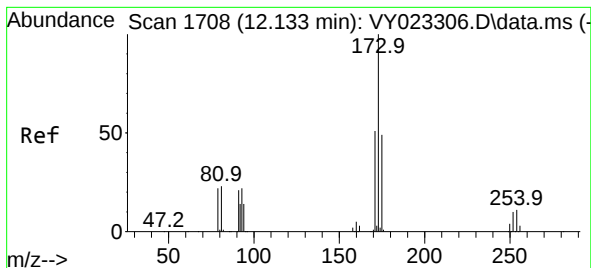
Tgt Ion:106 Resp: 484396
Ion Ratio Lower Upper
106 100
91 201.6 103.2 309.4



#70
Styrene
Concen: 50.196 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion:104 Resp: 812805
Ion Ratio Lower Upper
104 100
78 45.3 38.5 57.7
103 54.1 43.7 65.5





#71

Bromoform

Concen: 48.820 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

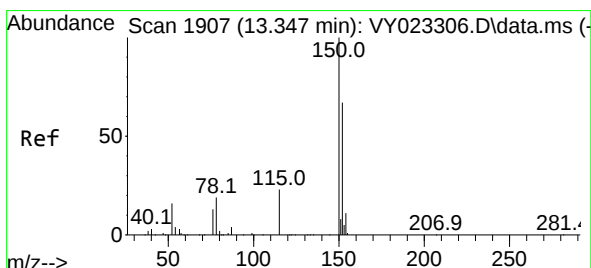
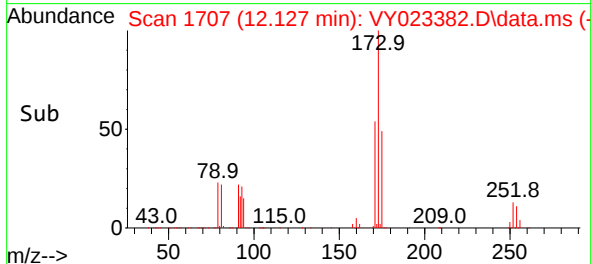
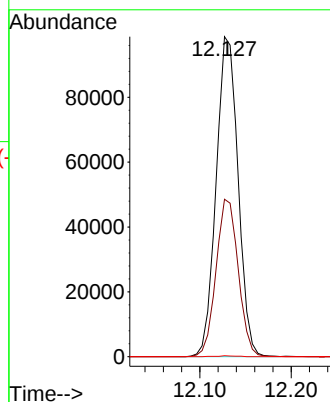
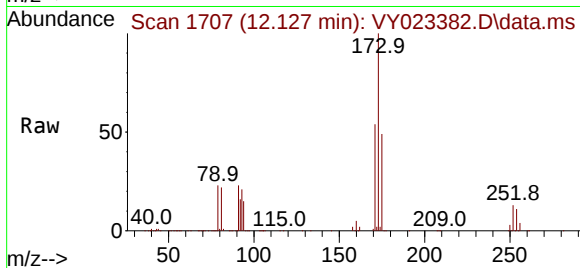
Tgt Ion:173 Resp: 164637

Ion Ratio Lower Upper

173 100

175 49.8 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

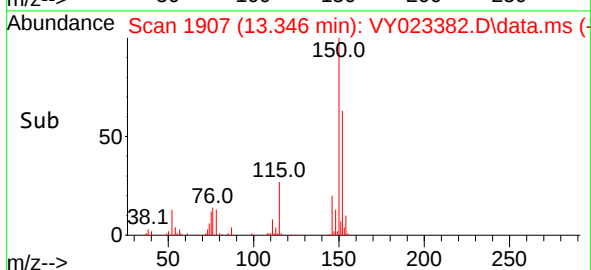
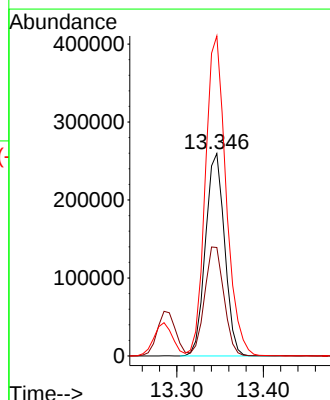
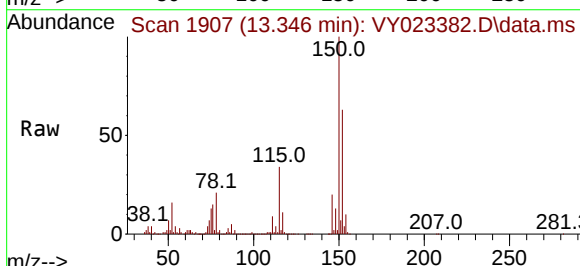
Tgt Ion:152 Resp: 398160

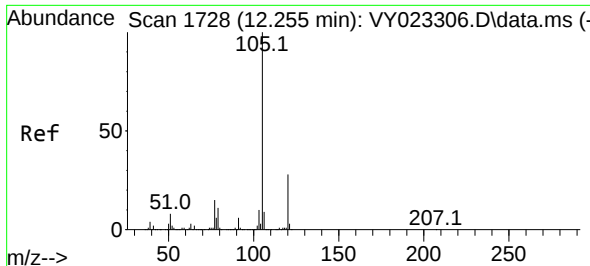
Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.6

150 170.9 0.0 348.0

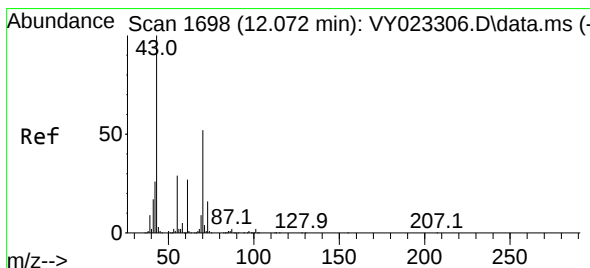
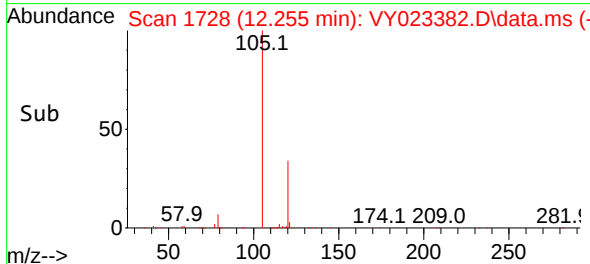
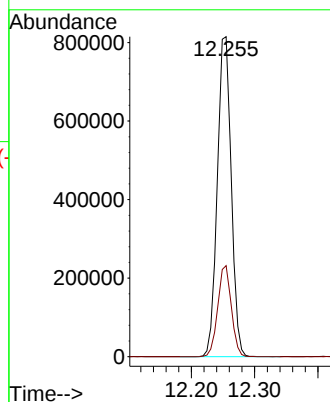
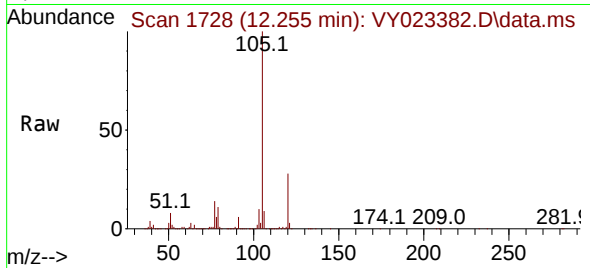




#73
Isopropylbenzene
Concen: 46.199 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

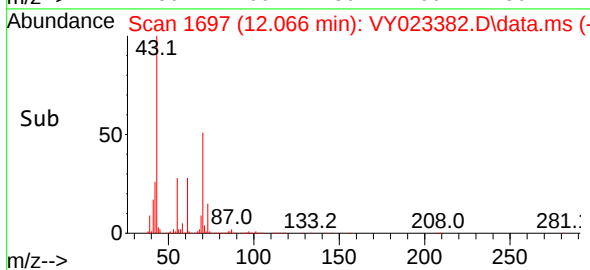
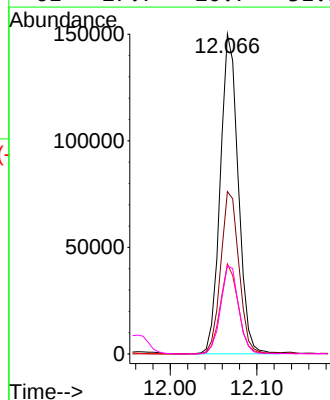
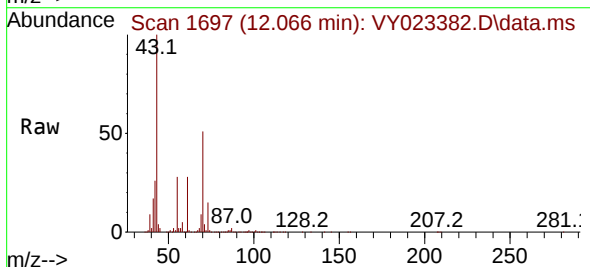
Instrument :
MSVOA_Y
ClientSampleId :

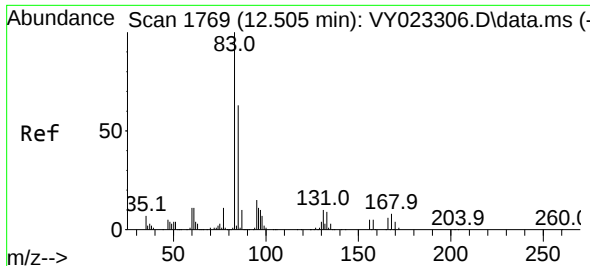
Tgt Ion:105 Resp: 1239056
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 42.779 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 43 Resp: 216870
Ion Ratio Lower Upper
43 100
70 51.6 37.5 56.3
55 28.2 20.7 31.1
61 27.7 20.7 31.1

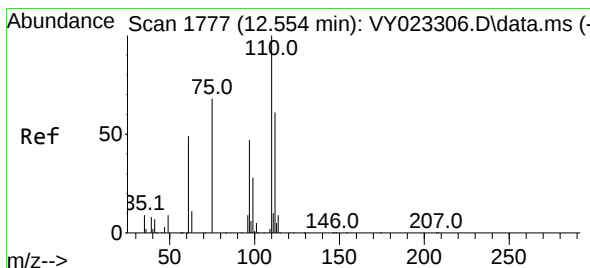
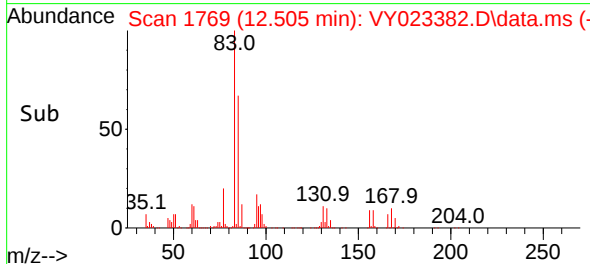
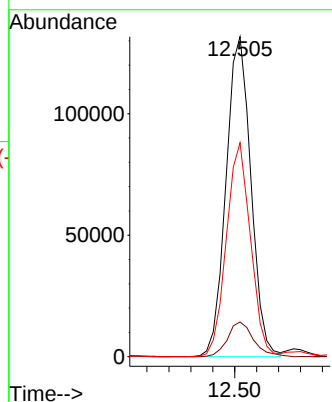
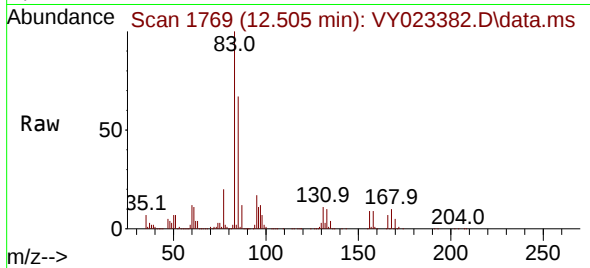




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.096 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

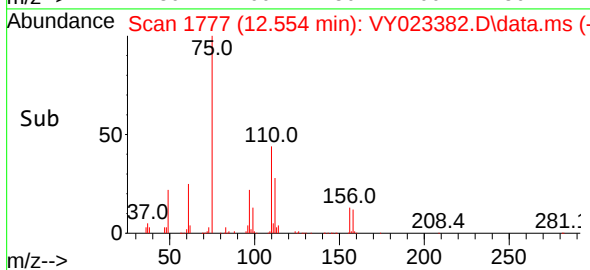
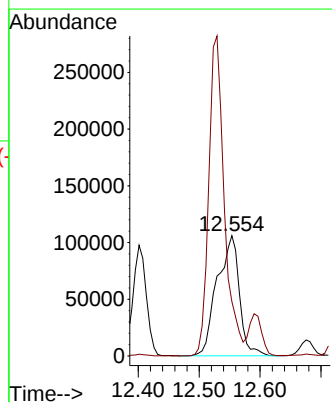
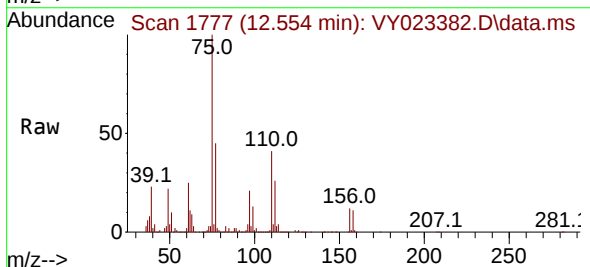
Instrument :
 MSVOA_Y
 ClientSampleId :

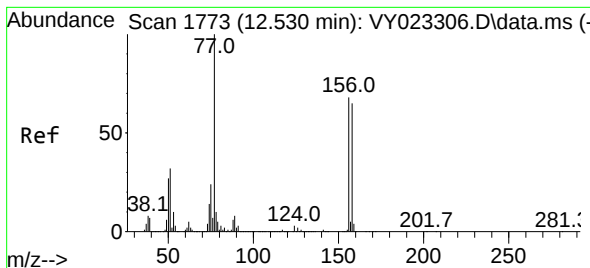
Tgt Ion: 83 Resp: 207489
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.1 15.3
 85 65.0 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 66.675 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

Tgt Ion: 75 Resp: 268842
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.998 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

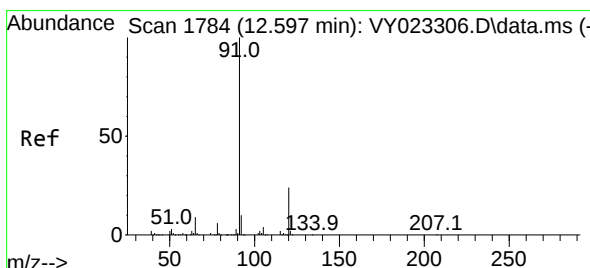
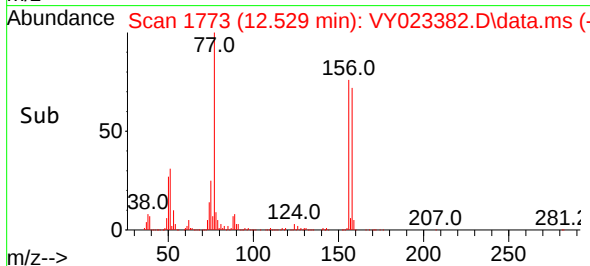
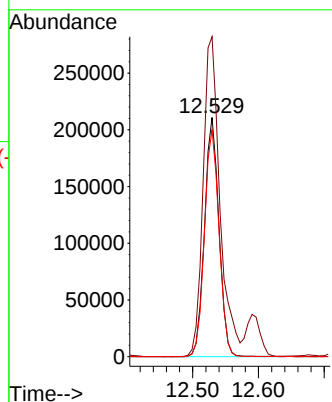
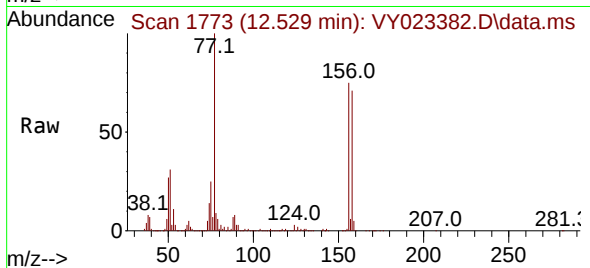
Tgt Ion:156 Resp: 322030

Ion Ratio Lower Upper

156 100

77 156.0 88.1 264.4

158 95.8 48.0 144.0



#78

n-propylbenzene

Concen: 45.653 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023382.D

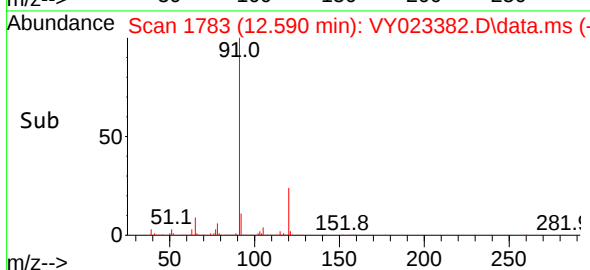
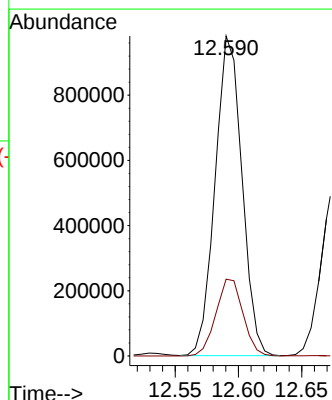
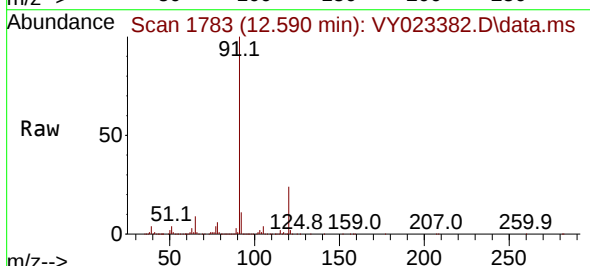
Acq: 25 Sep 2025 18:26

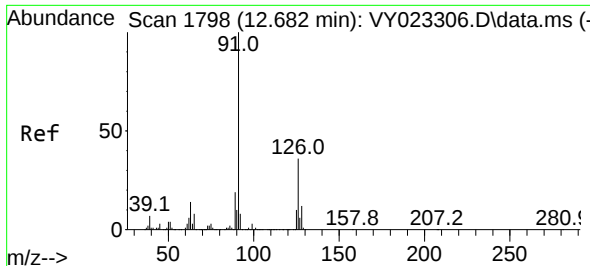
Tgt Ion: 91 Resp: 1443119

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.5

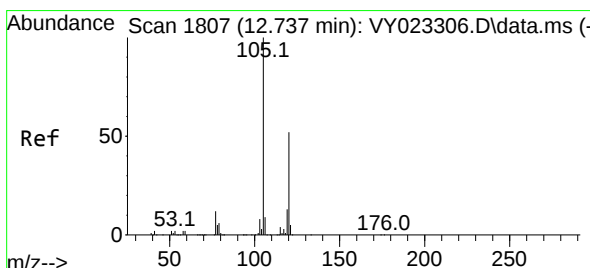
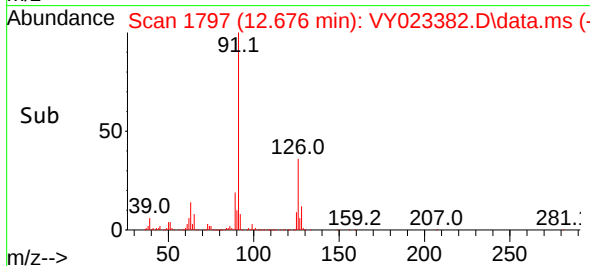
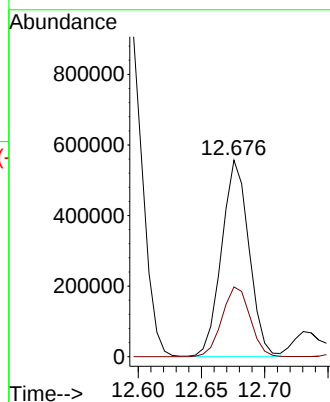
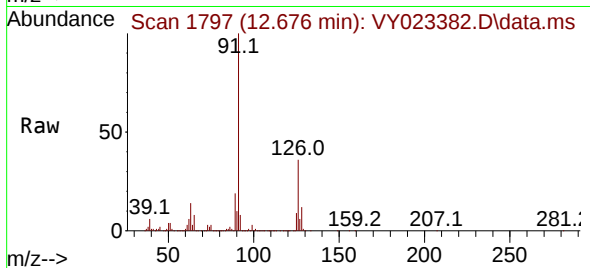




#79
2-Chlorotoluene
Concen: 46.011 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

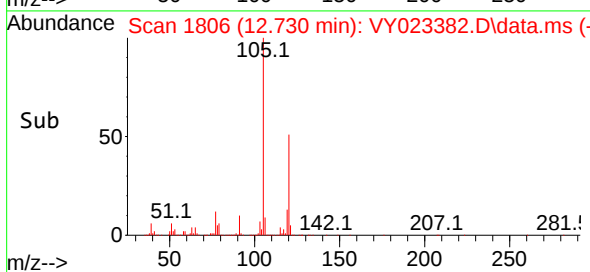
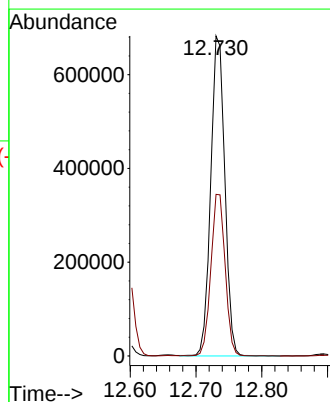
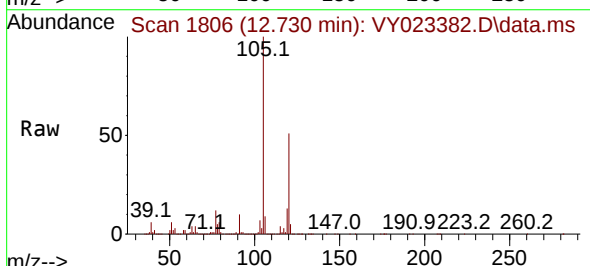
Instrument :
MSVOA_Y
ClientSampleId :

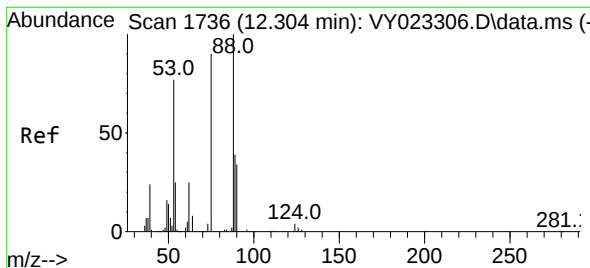
Tgt Ion: 91 Resp: 837726
Ion Ratio Lower Upper
91 100
126 36.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 46.663 ug/l
RT: 12.730 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion:105 Resp: 1017882
Ion Ratio Lower Upper
105 100
120 51.1 24.8 74.4

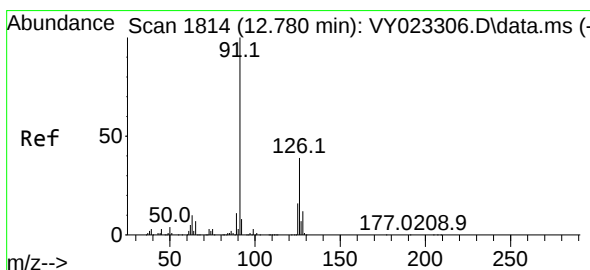
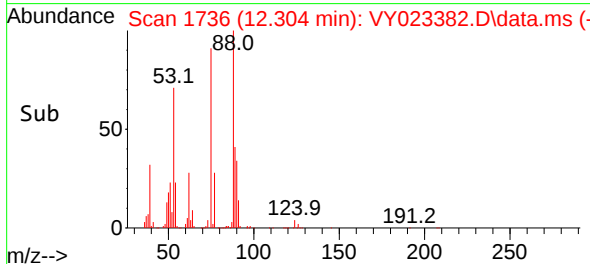
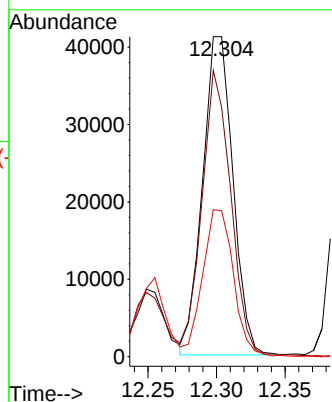
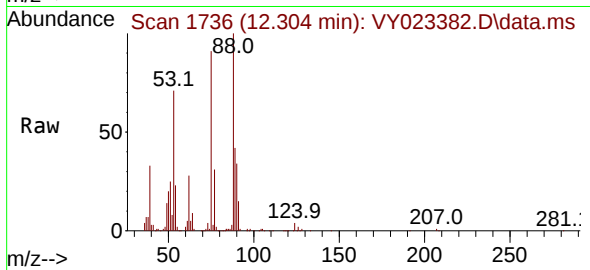




#81
trans-1,4-Dichloro-2-butene
Concen: 42.926 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

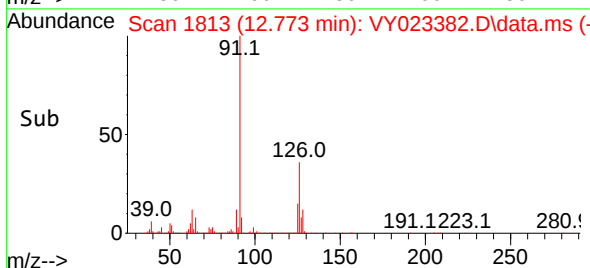
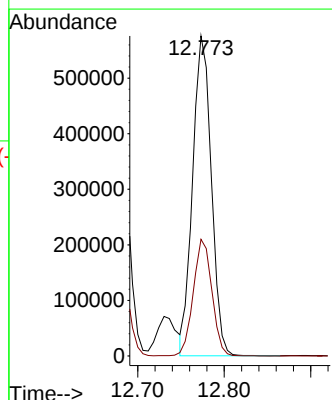
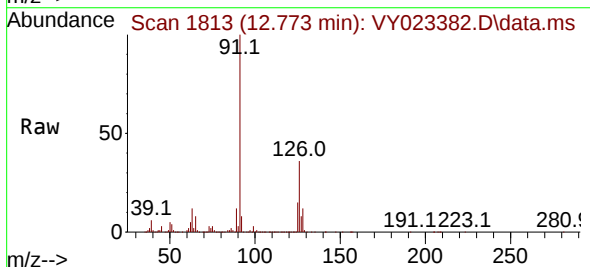
Instrument :
MSVOA_Y
ClientSampleId :

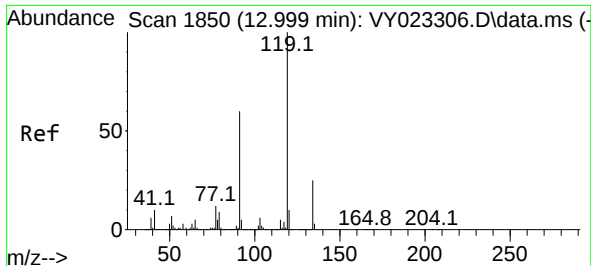
Tgt Ion: 75 Resp: 63468
Ion Ratio Lower Upper
75 100
53 85.7 70.8 106.2
89 47.1 38.1 57.1



#82
4-Chlorotoluene
Concen: 45.312 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 91 Resp: 863223
Ion Ratio Lower Upper
91 100
126 36.5 17.3 52.0

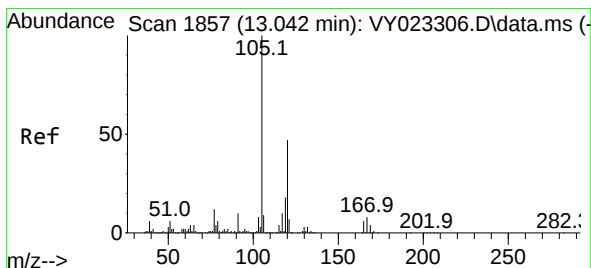
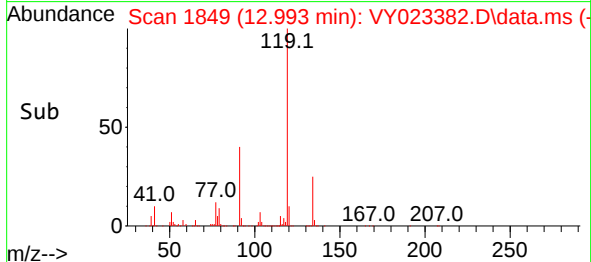
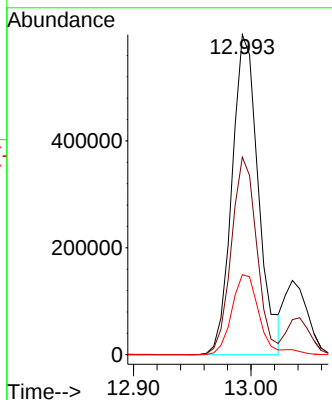
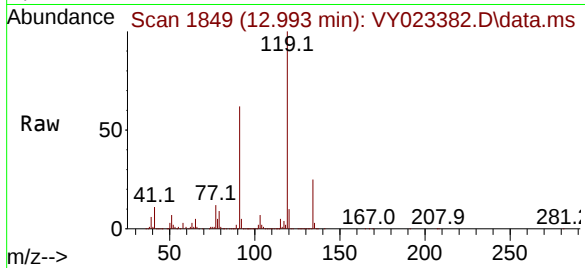




#83
 tert-Butylbenzene
 Concen: 47.305 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

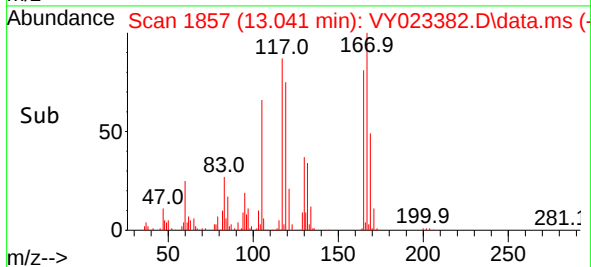
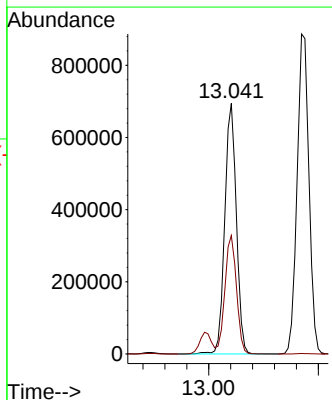
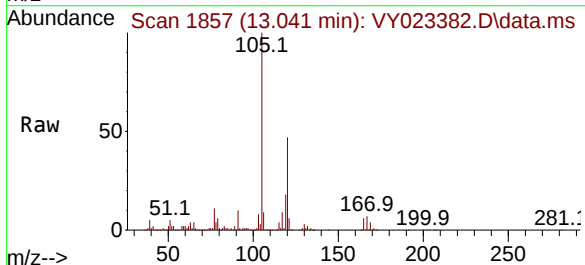
Instrument :
 MSVOA_Y
 ClientSampleId :

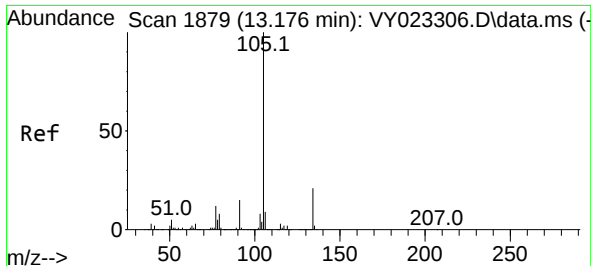
Tgt Ion:119 Resp: 934571
 Ion Ratio Lower Upper
 119 100
 91 59.6 31.6 94.8
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 47.363 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

Tgt Ion:105 Resp: 1022072
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.0 69.0

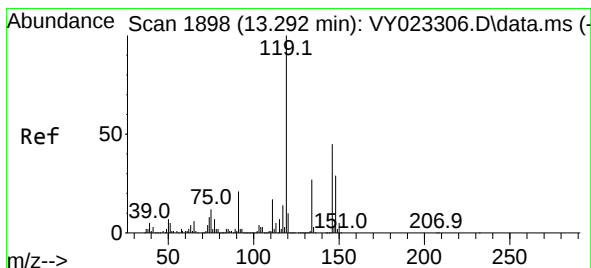
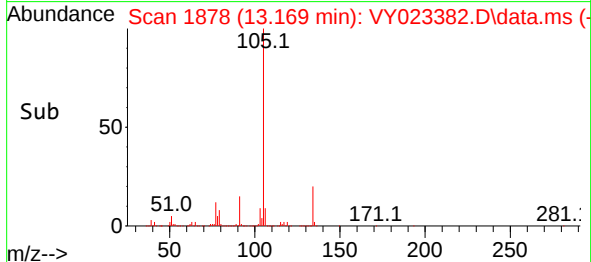
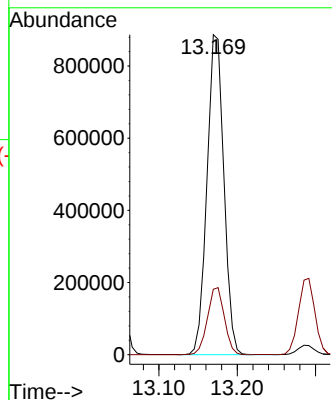
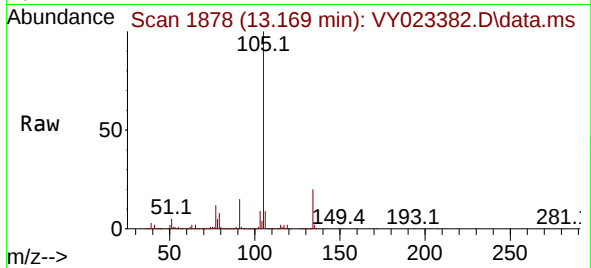




#85
 sec-Butylbenzene
 Concen: 46.064 ug/l
 RT: 13.169 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

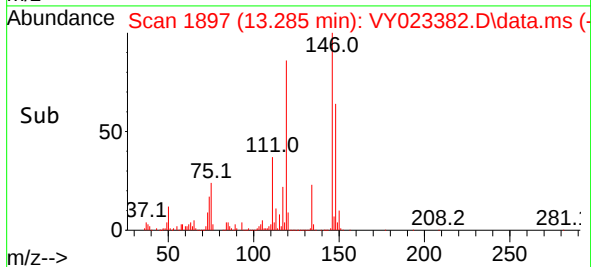
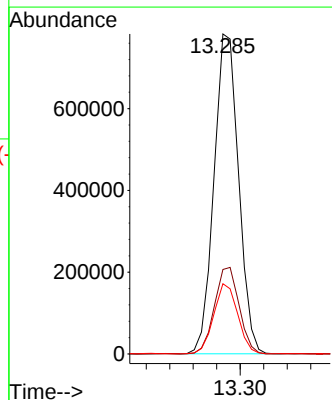
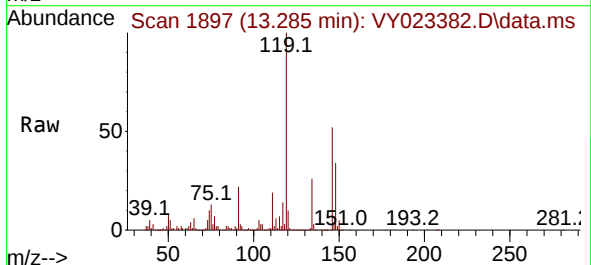
Instrument :
 MSVOA_Y
 ClientSampleId :

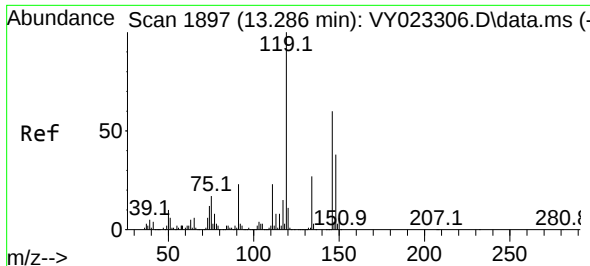
Tgt Ion:105 Resp: 1324103
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 46.809 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

Tgt Ion:119 Resp: 1136577
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.6
 91 21.4 11.3 33.8

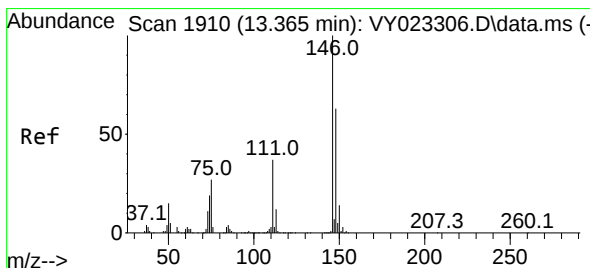
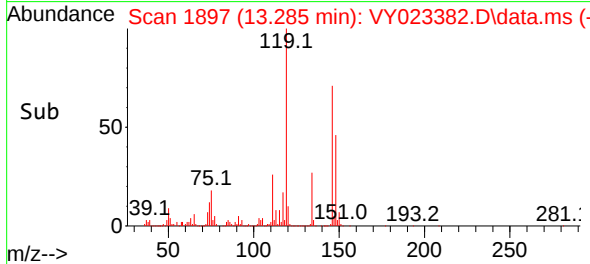
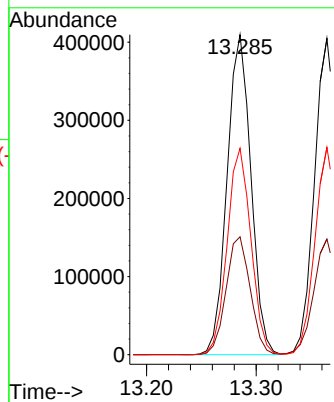
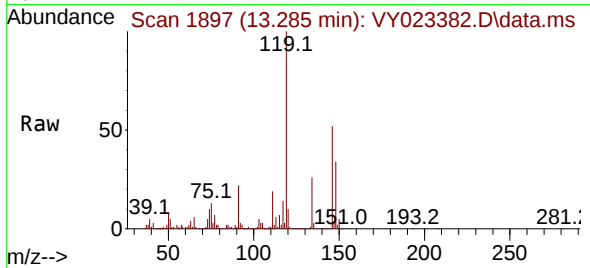




#87
 1,3-Dichlorobenzene
 Concen: 45.708 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

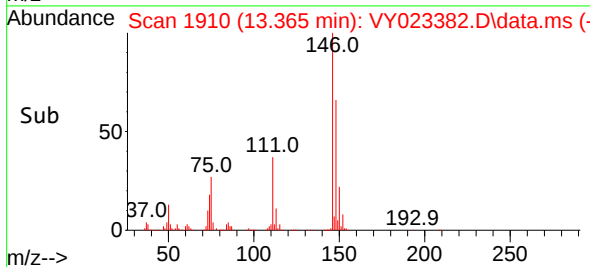
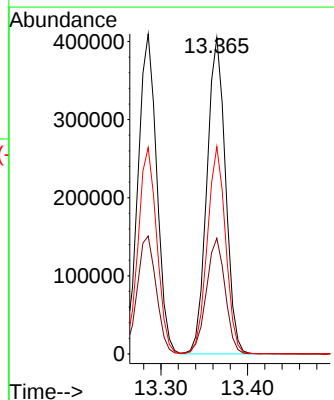
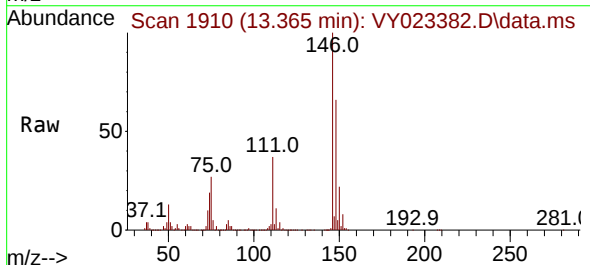
Instrument :
 MSVOA_Y
 ClientSampleId :

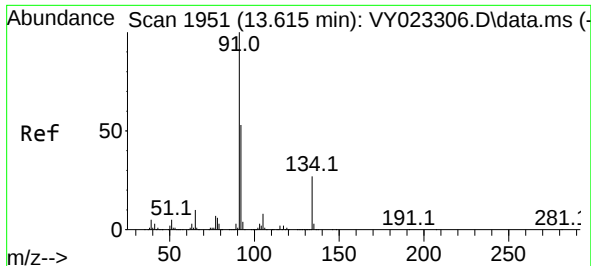
Tgt Ion:146 Resp: 619749
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.6 58.7
 148 64.3 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 44.938 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023382.D
 Acq: 25 Sep 2025 18:26

Tgt Ion:146 Resp: 603514
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.1 57.1
 148 64.7 31.6 94.7

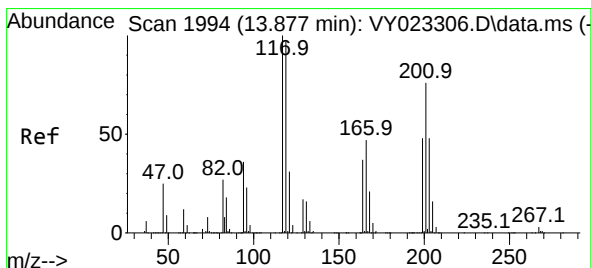
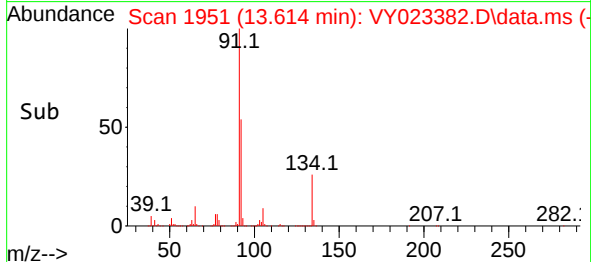
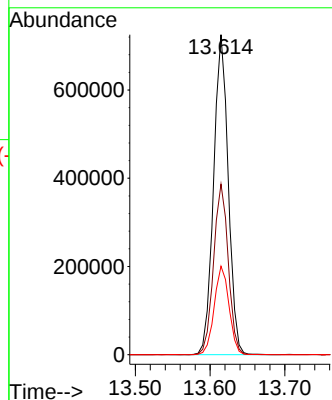
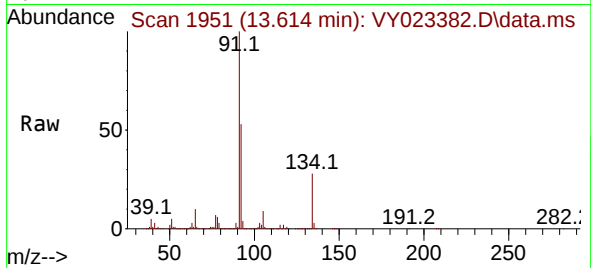




#89
n-Butylbenzene
Concen: 45.977 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

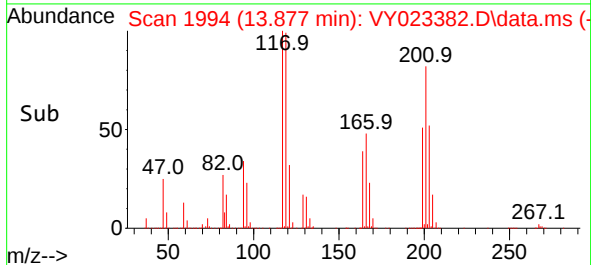
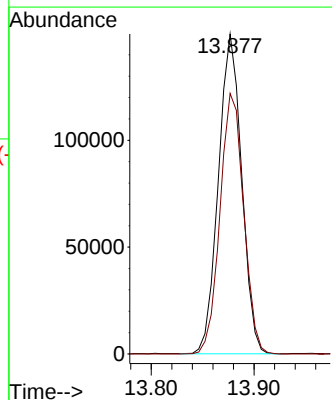
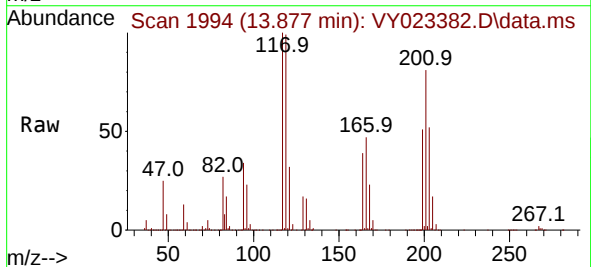
Instrument :
MSVOA_Y
ClientSampleId :

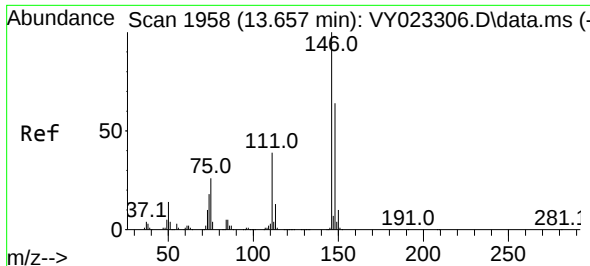
Tgt Ion: 91 Resp: 990069
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 28.0 13.2 39.5



#90
Hexachloroethane
Concen: 44.592 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 117 Resp: 234736
Ion Ratio Lower Upper
117 100
201 82.8 38.4 115.1

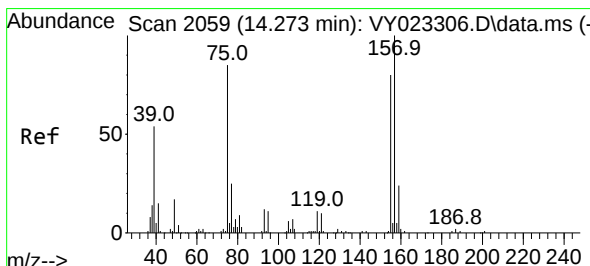
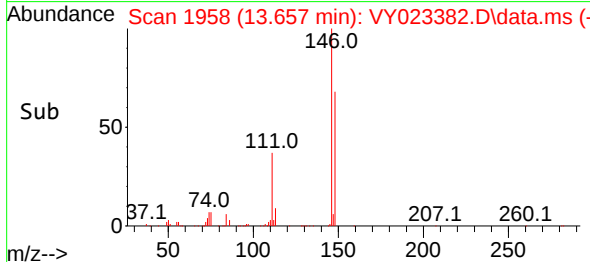
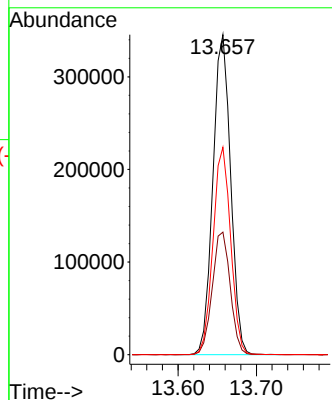
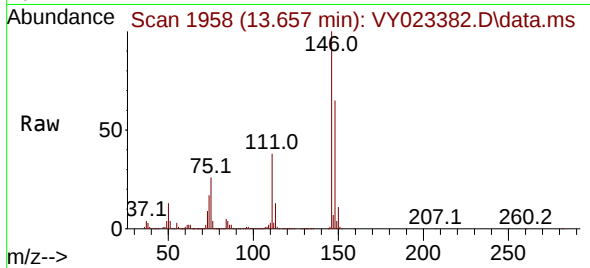




#91
1,2-Dichlorobenzene
Concen: 45.927 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

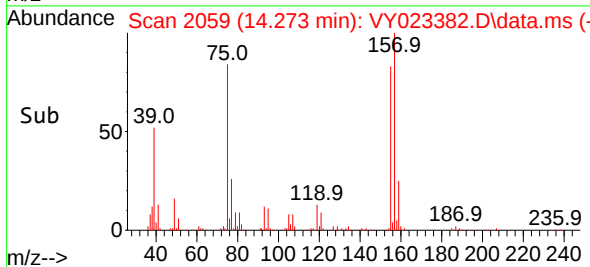
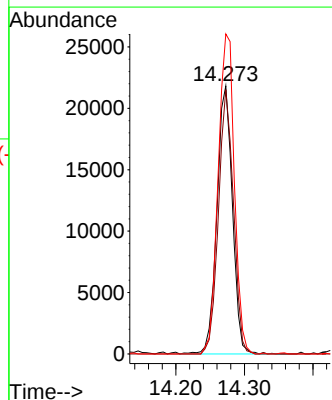
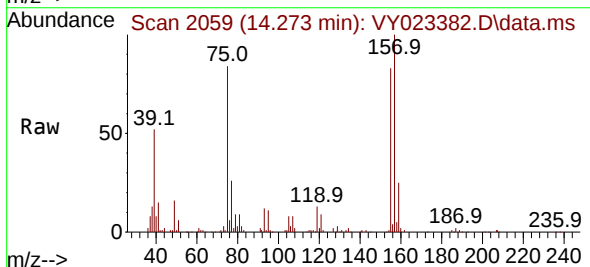
Instrument :
MSVOA_Y
ClientSampleId :

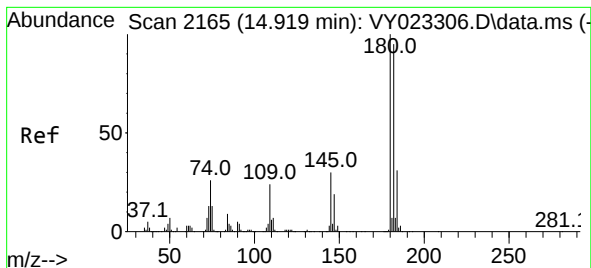
Tgt Ion:146 Resp: 542946
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.8
148 64.5 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.261 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023382.D
Acq: 25 Sep 2025 18:26

Tgt Ion: 75 Resp: 34086
Ion Ratio Lower Upper
75 100
155 95.3 43.9 131.6
157 125.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 49.295 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

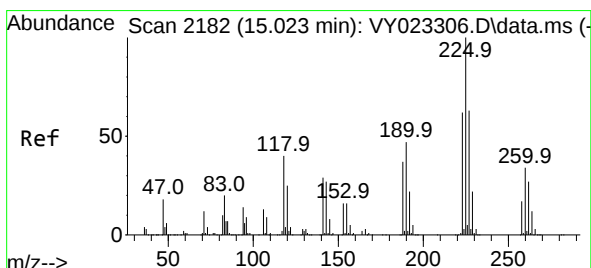
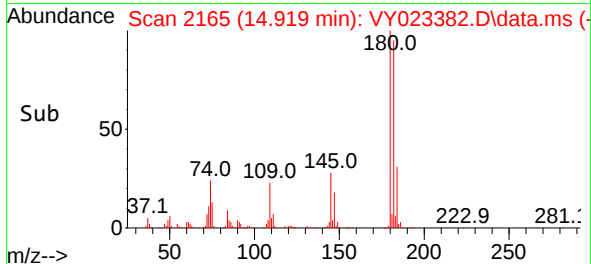
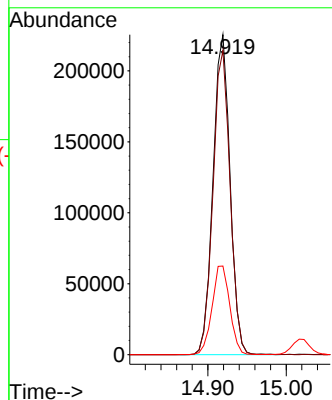
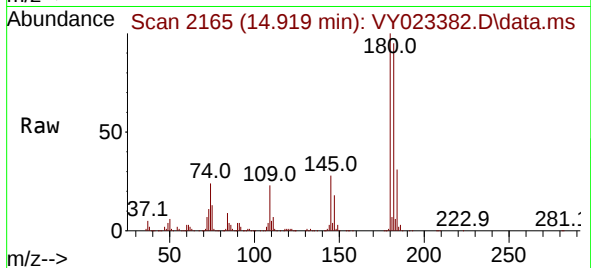
Tgt Ion:180 Resp: 339933

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 45.635 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

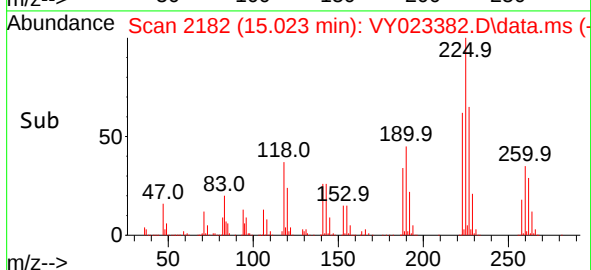
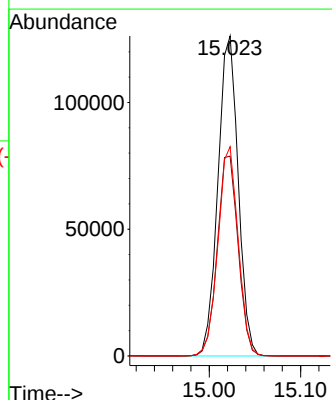
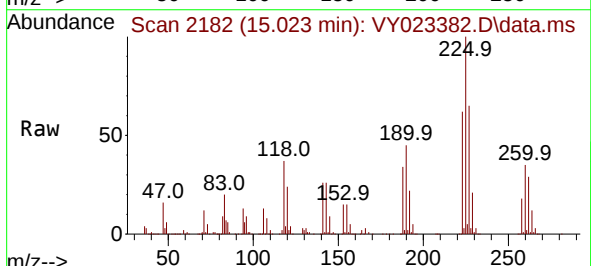
Tgt Ion:225 Resp: 194572

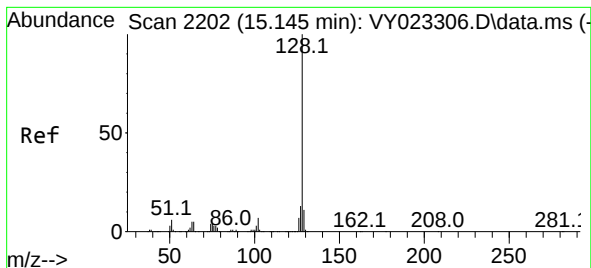
Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.8

227 65.4 31.5 94.5





#95

Naphthalene

Concen: 52.109 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

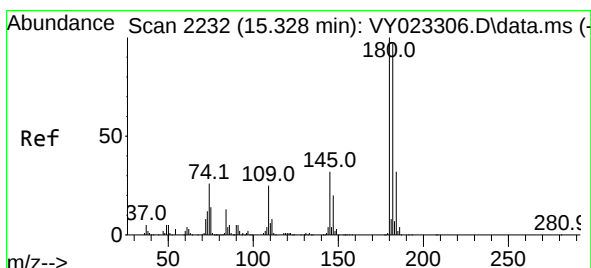
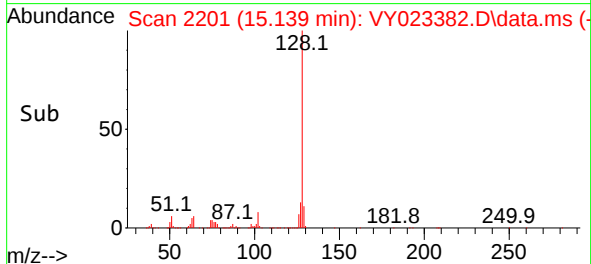
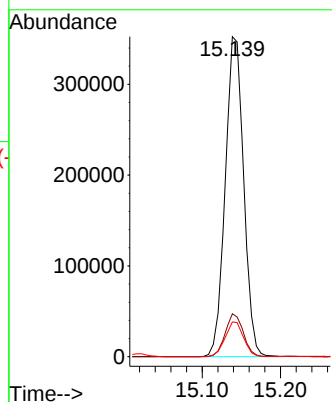
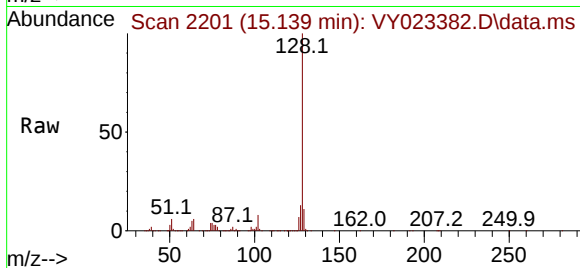
Tgt Ion:128 Resp: 577559

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 49.514 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023382.D

Acq: 25 Sep 2025 18:26

Tgt Ion:180 Resp: 296529

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 30.8 15.9 47.7

