

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023694.D
 Acq On : 06 Nov 2025 09:44
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Quant Time: Nov 07 04:12:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	546965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	822052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	728273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	370507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	242468	51.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.940%	
35) Dibromofluoromethane	7.634	113	259210	50.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.109	98	985886	51.518	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.408	95	319171	51.574	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78967	21.994	ug/l	99
3) Chloromethane	2.074	50	107661	21.428	ug/l	97
4) Vinyl Chloride	2.208	62	134392	20.556	ug/l	97
5) Bromomethane	2.592	94	117581	21.380	ug/l	95
6) Chloroethane	2.739	64	91753	20.305	ug/l	98
7) Trichlorofluoromethane	3.062	101	189562	20.587	ug/l	99
8) Diethyl Ether	3.452	74	50370	20.399	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	104966	20.691	ug/l	99
10) Methyl Iodide	4.007	142	108530	18.117	ug/l	99
11) Tert butyl alcohol	4.866	59	38479	127.903	ug/l	99
12) 1,1-Dichloroethene	3.793	96	99690	20.399	ug/l	99
13) Acrolein	3.653	56	41937	108.454	ug/l	100
14) Allyl chloride	4.385	41	123982	20.843	ug/l	99
15) Acrylonitrile	5.061	53	101471	107.532	ug/l	100
16) Acetone	3.867	43	134180	115.698	ug/l	95
17) Carbon Disulfide	4.110	76	315546	21.038	ug/l	98
18) Methyl Acetate	4.385	43	54558	21.328	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	231620	20.440	ug/l	100
20) Methylene Chloride	4.616	84	123256	22.015	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	115227	20.912	ug/l	98
22) Diisopropyl ether	6.019	45	284548	21.468	ug/l	95
23) Vinyl Acetate	5.964	43	754551	106.680	ug/l	98
24) 1,1-Dichloroethane	5.915	63	184976	20.949	ug/l	99
25) 2-Butanone	6.896	43	153816	114.713	ug/l	98
26) 2,2-Dichloropropane	6.890	77	170334	20.971	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	127356	20.238	ug/l	97
28) Bromochloromethane	7.250	49	72254	21.371	ug/l	96
29) Tetrahydrofuran	7.262	42	75848	106.214	ug/l	98
30) Chloroform	7.421	83	203045	20.610	ug/l	100
31) Cyclohexane	7.707	56	160093	20.819	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	179418	20.376	ug/l	99
36) 1,1-Dichloropropene	7.835	75	140152	20.416	ug/l	98
37) Ethyl Acetate	6.988	43	56444	21.240	ug/l	100
38) Carbon Tetrachloride	7.817	117	165543	20.467	ug/l	98
39) Methylcyclohexane	9.109	83	172882	19.710	ug/l	94
40) Benzene	8.079	78	444410	20.538	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	24395	16.817	ug/l #	70
42) 1,2-Dichloroethane	8.158	62	113361	20.708	ug/l	100
43) Isopropyl Acetate	8.201	43	102806	20.589	ug/l	99
44) Trichloroethene	8.866	130	124443	20.023	ug/l	99
45) 1,2-Dichloropropane	9.140	63	99224	20.778	ug/l	98
46) Dibromomethane	9.231	93	61277	20.709	ug/l	96
47) Bromodichloromethane	9.420	83	154311	20.684	ug/l	97
48) Methyl methacrylate	9.219	41	48437	20.532	ug/l	99
49) 1,4-Dioxane	9.225	88	12521	413.484	ug/l #	96
51) 4-Methyl-2-Pentanone	10.000	43	281999	106.199	ug/l	98
52) Toluene	10.170	92	286343	20.728	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	128491	20.355	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	155449	20.554	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	82212	20.790	ug/l	97
56) Ethyl methacrylate	10.438	69	84068	19.296	ug/l	98
57) 1,3-Dichloropropane	10.719	76	129138	20.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	197363	98.718	ug/l	97
59) 2-Hexanone	10.762	43	210576	108.695	ug/l	99
60) Dibromochloromethane	10.914	129	109268	20.111	ug/l	100
61) 1,2-Dibromoethane	11.018	107	77104	20.777	ug/l	98
64) Tetrachloroethene	10.646	164	150279	19.825	ug/l	97
65) Chlorobenzene	11.444	112	315324	19.889	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	110820	19.767	ug/l	99
67) Ethyl Benzene	11.518	91	510207	19.883	ug/l	95
68) m/p-Xylenes	11.627	106	411539	40.142	ug/l	99
69) o-Xylene	11.957	106	185778	19.603	ug/l	97
70) Styrene	11.969	104	309544	19.796	ug/l	100
71) Bromoform	12.133	173	65110	19.885	ug/l #	99
73) Isopropylbenzene	12.255	105	486116	19.617	ug/l	100
74) N-amyl acetate	12.072	43	80659	19.225	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	80993	20.465	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	109087	36.380	ug/l #	100
77) Bromobenzene	12.536	156	124256	19.331	ug/l	95
78) n-propylbenzene	12.597	91	587824	20.167	ug/l	98
79) 2-Chlorotoluene	12.676	91	336096	19.871	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	406541	20.192	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25406	19.148	ug/l	94
82) 4-Chlorotoluene	12.780	91	356437	20.434	ug/l	98
83) tert-Butylbenzene	12.999	119	357699	19.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	400981	20.108	ug/l	100
85) sec-Butylbenzene	13.176	105	527410	19.941	ug/l	100
86) p-Isopropyltoluene	13.292	119	441370	19.713	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	246260	19.465	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	241645	19.444	ug/l	98
89) n-Butylbenzene	13.615	91	380306	19.533	ug/l	99
90) Hexachloroethane	13.877	117	92548	19.234	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	214611	19.684	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12163	19.960	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	117937	18.912	ug/l	99
94) Hexachlorobutadiene	15.023	225	77357	18.932	ug/l	98
95) Naphthalene	15.145	128	170346	19.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	101868	19.551	ug/l	99

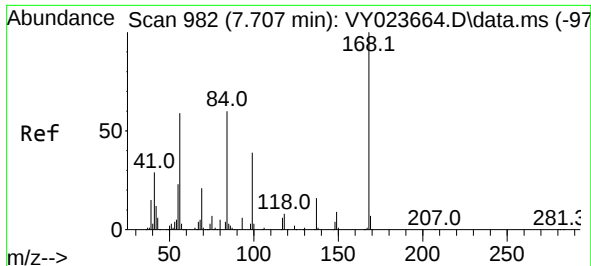
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Response via : Initial Calibration

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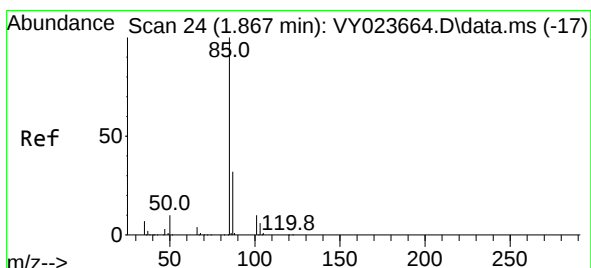
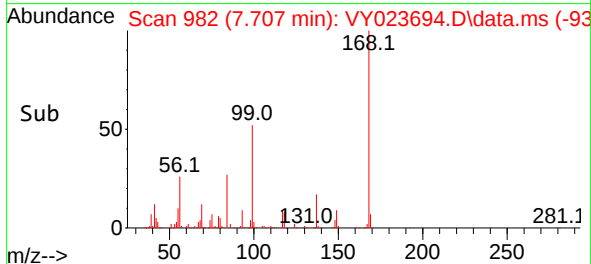
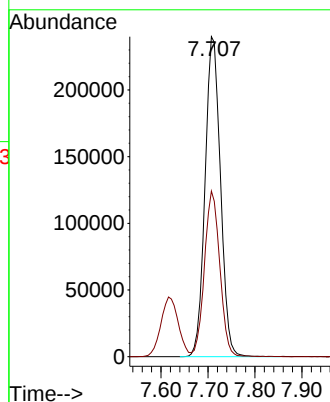
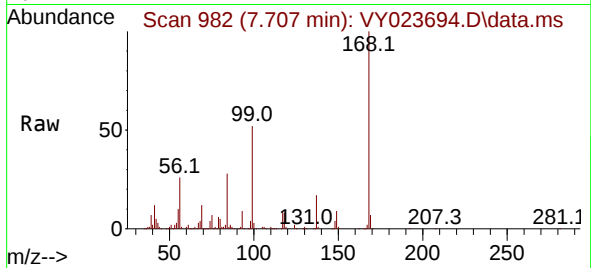
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

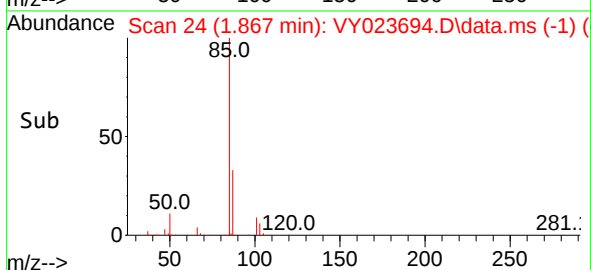
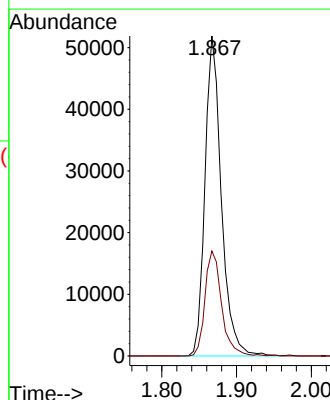
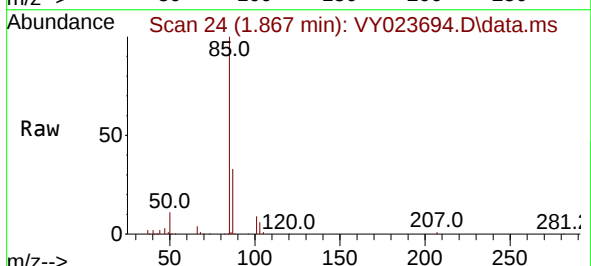
Instrument :
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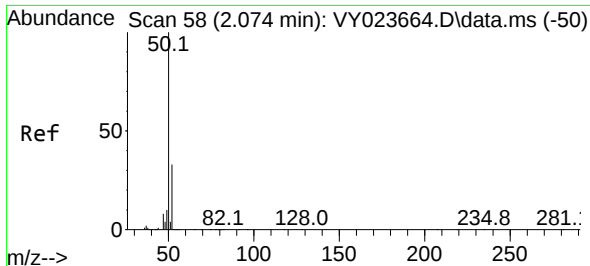
Tgt Ion:168 Resp: 546965
Ion Ratio Lower Upper
168 100
99 51.7 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 21.994 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 85 Resp: 78967
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6

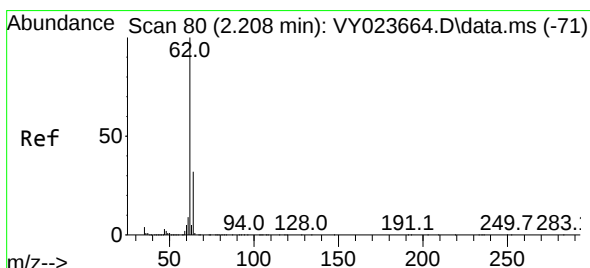
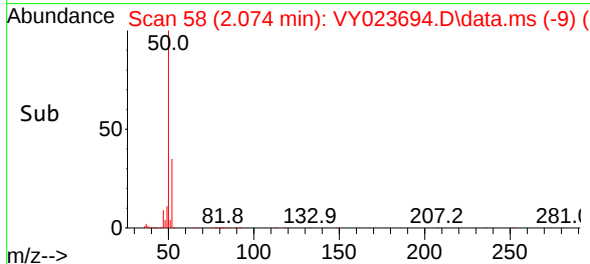
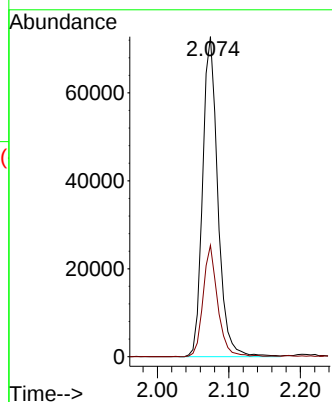
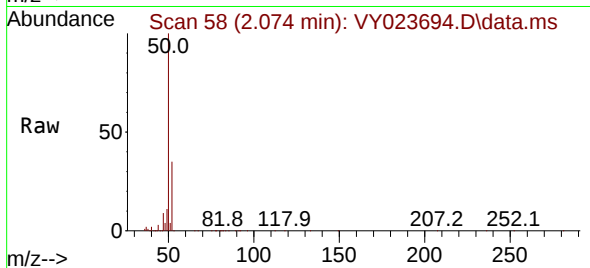




#3
Chloromethane
Concen: 21.428 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

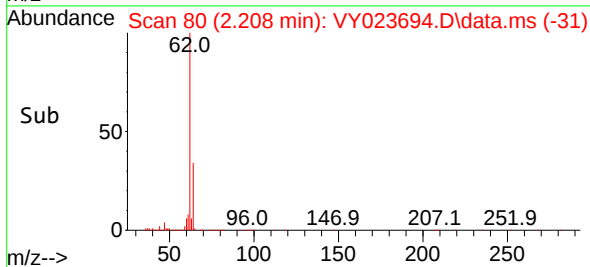
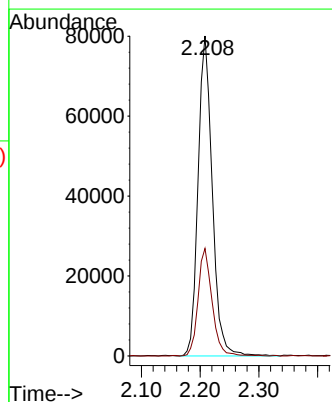
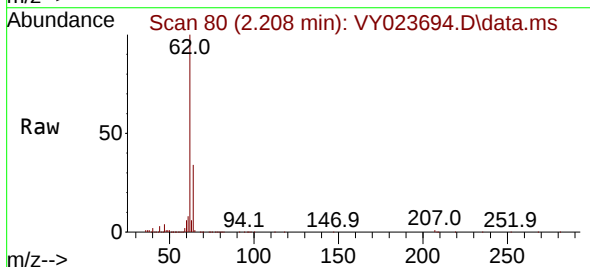
Instrument :
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ClientSampleId :
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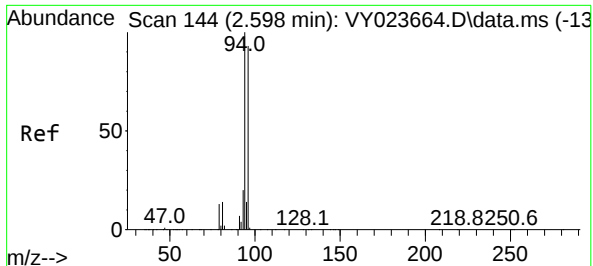
Tgt Ion: 50 Resp: 107661
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7



#4
Vinyl Chloride
Concen: 20.556 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 62 Resp: 134392
Ion Ratio Lower Upper
62 100
64 33.6 25.7 38.5

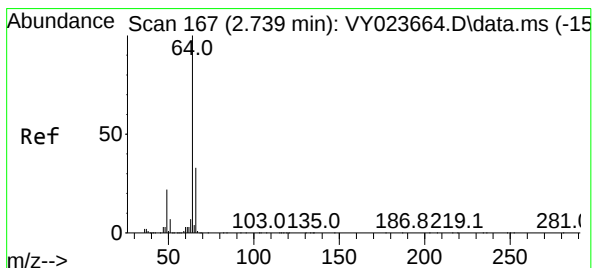
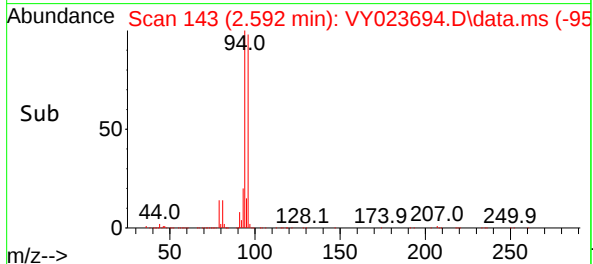
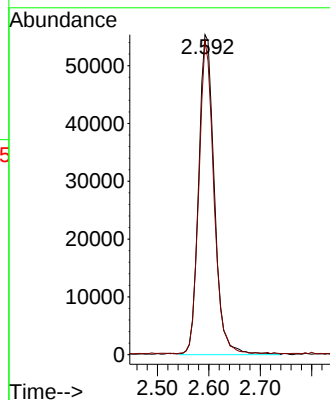
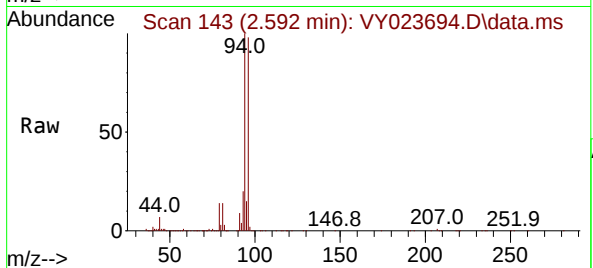




#5
Bromomethane
Concen: 21.380 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

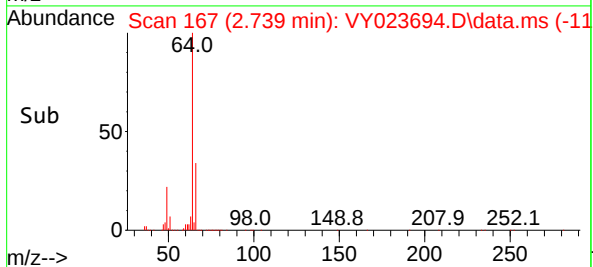
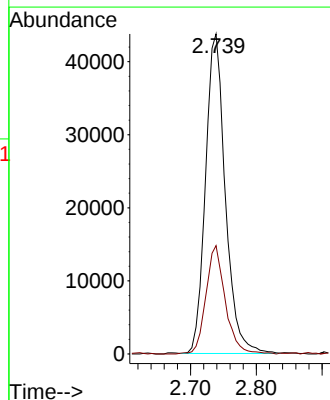
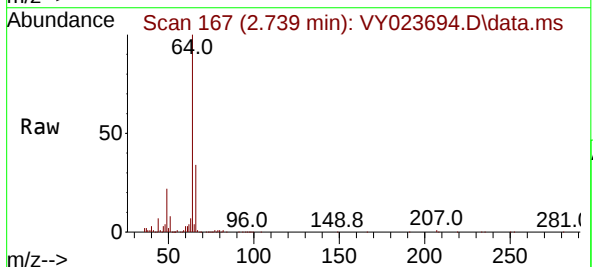
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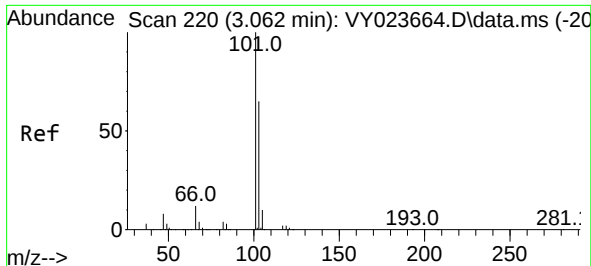
Tgt Ion: 94 Resp: 117581
Ion Ratio Lower Upper
94 100
96 97.7 74.4 111.6



#6
Chloroethane
Concen: 20.305 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 64 Resp: 91753
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4

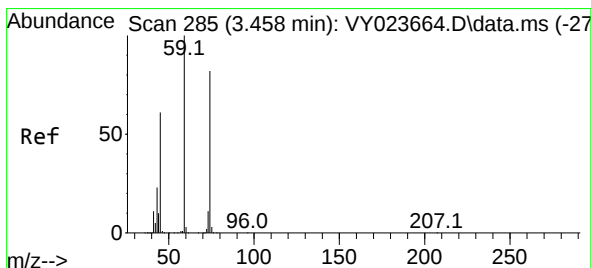
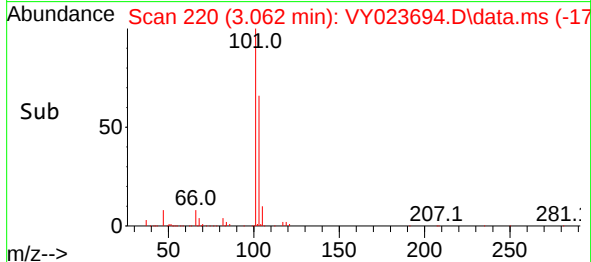
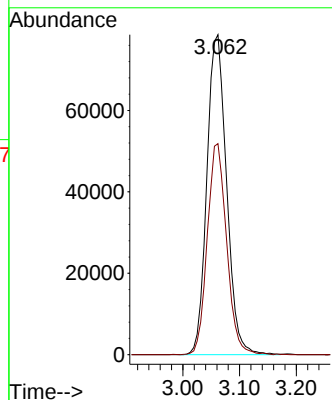
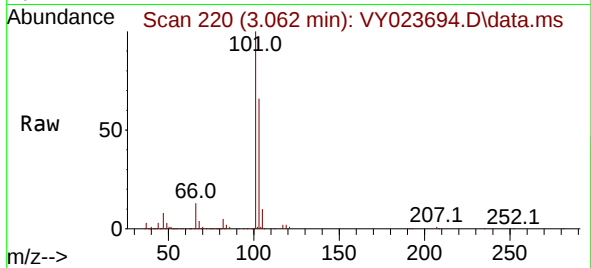




#7
Trichlorofluoromethane
Concen: 20.587 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

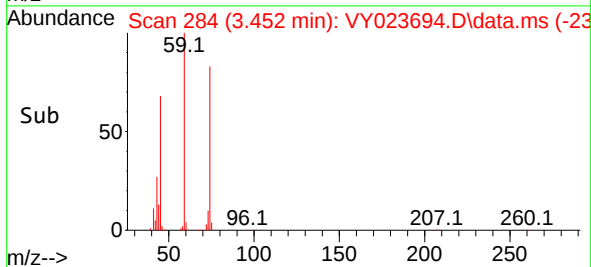
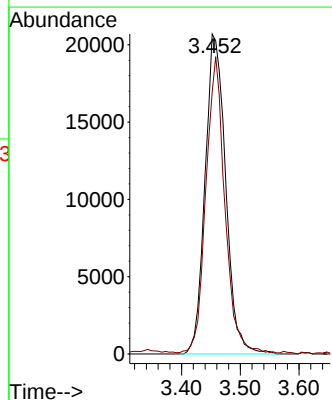
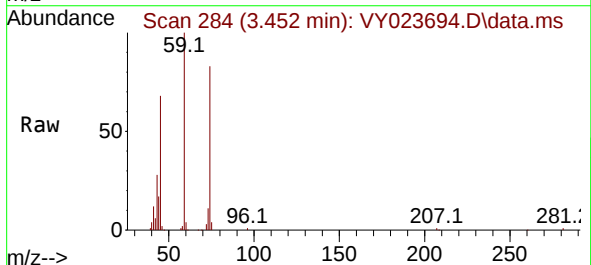
Instrument :
MSVOA_Y
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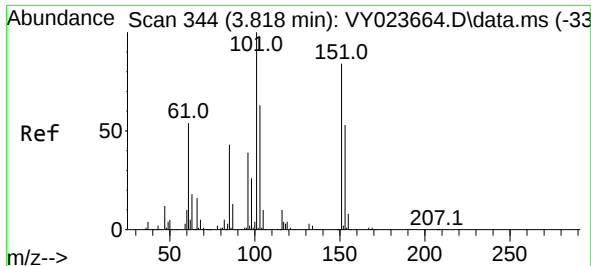
Tgt Ion:101 Resp: 189562
Ion Ratio Lower Upper
101 100
103 65.9 52.1 78.1



#8
Diethyl Ether
Concen: 20.399 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 74 Resp: 50370
Ion Ratio Lower Upper
74 100
45 84.9 40.6 121.7

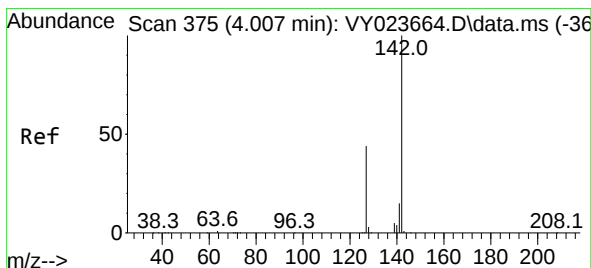
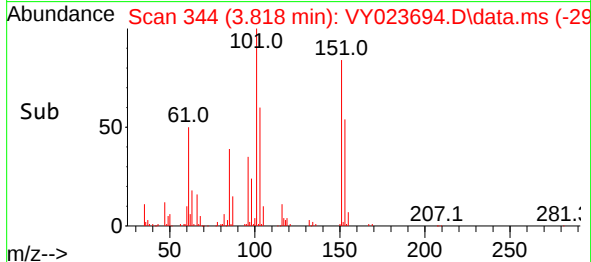
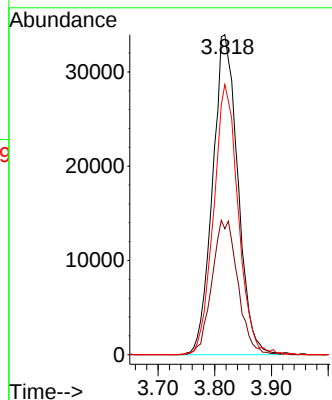
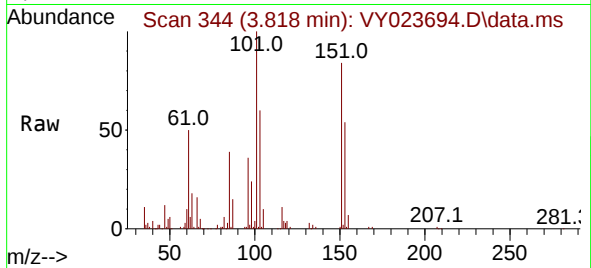




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.691 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023694.D
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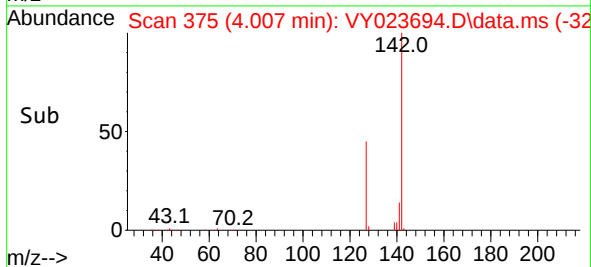
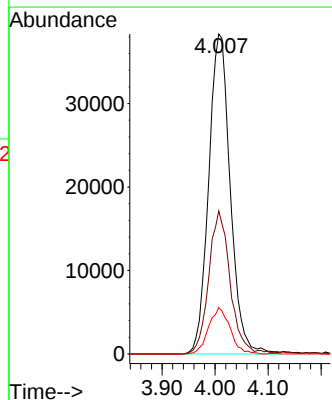
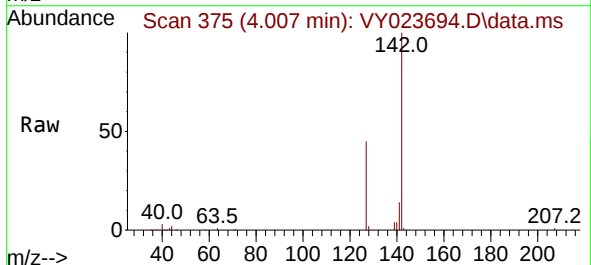
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

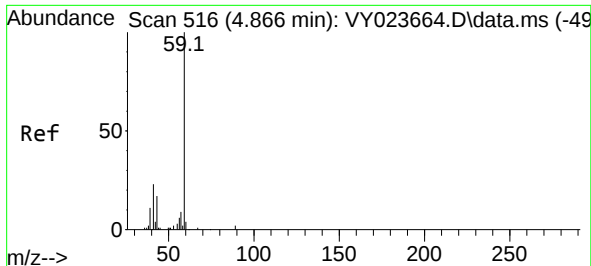
Tgt Ion:101 Resp: 104966
Ion Ratio Lower Upper
101 100
85 43.2 34.4 51.6
151 82.6 65.6 98.4



#10
Methyl Iodide
Concen: 18.117 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion:142 Resp: 108530
Ion Ratio Lower Upper
142 100
127 44.3 34.6 51.8
141 14.4 11.6 17.4

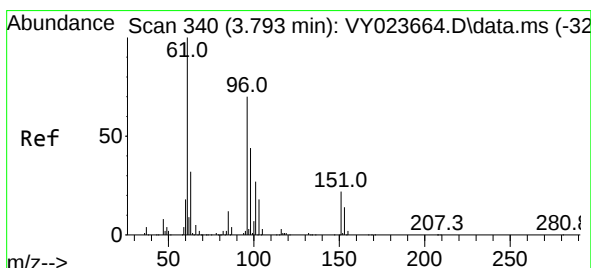
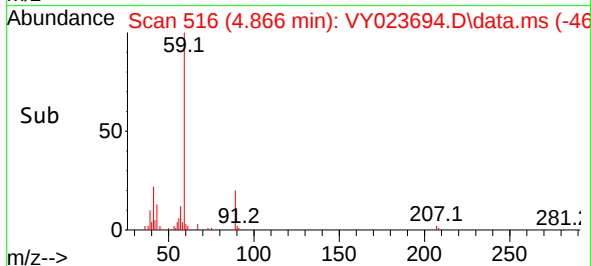
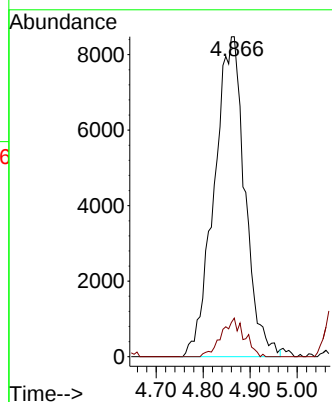
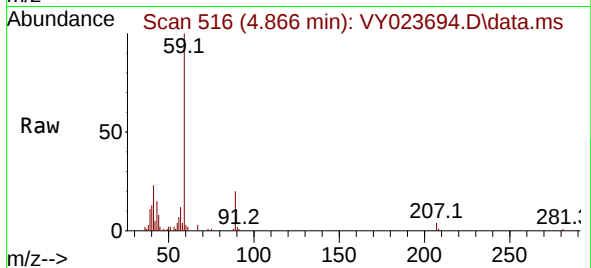




#11
Tert butyl alcohol
Concen: 127.903 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

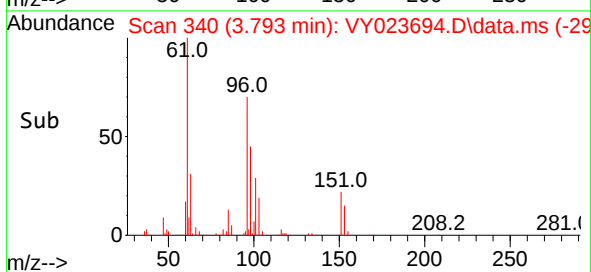
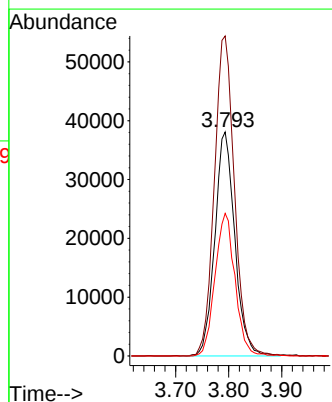
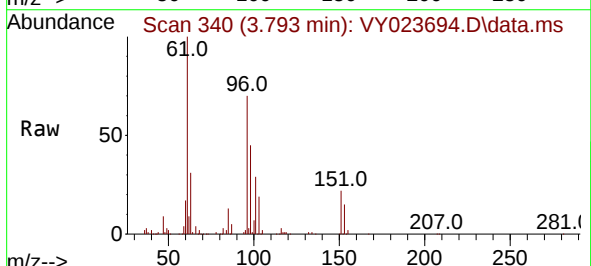
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

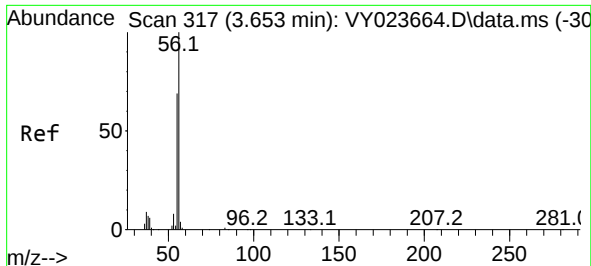
Tgt Ion: 59 Resp: 38479
Ion Ratio Lower Upper
59 100
57 9.0 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.399 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 96 Resp: 99690
Ion Ratio Lower Upper
96 100
61 142.8 114.0 171.0
98 63.6 50.2 75.2

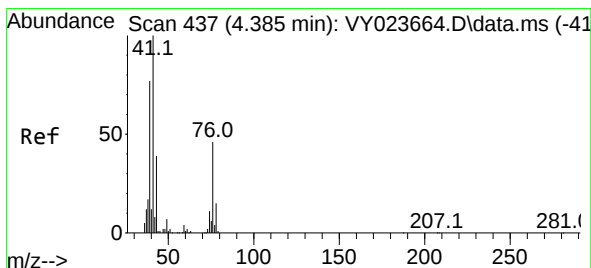
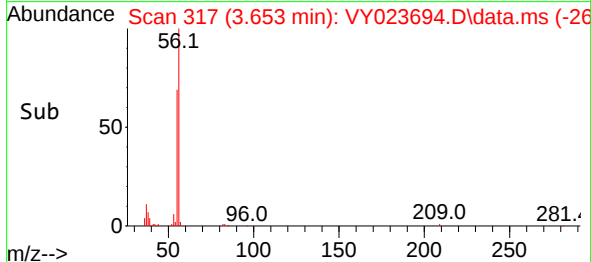
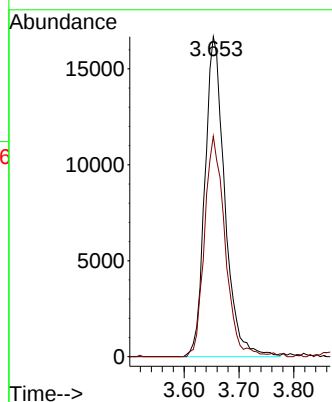
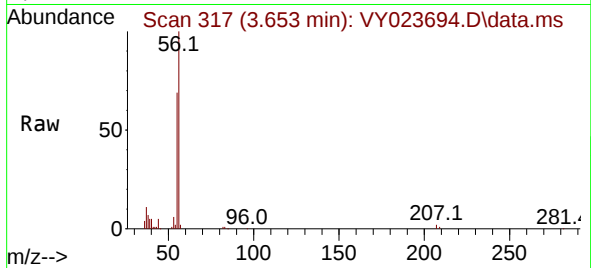




#13
Acrolein
Concen: 108.454 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

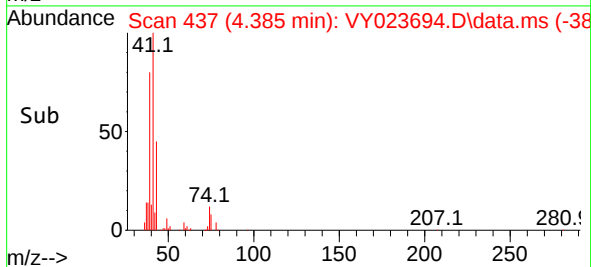
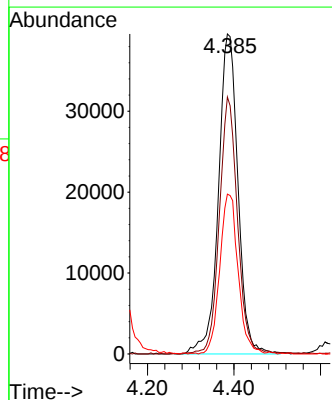
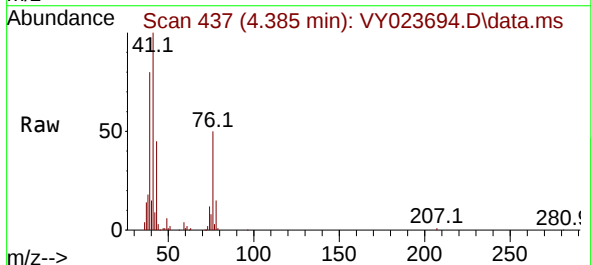
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

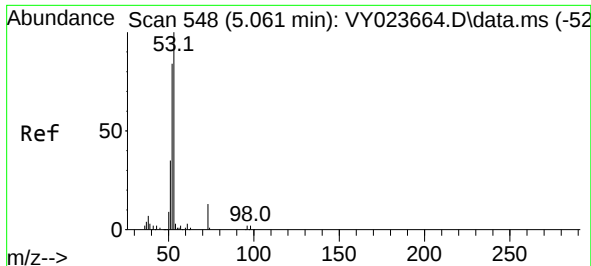
Tgt Ion: 56 Resp: 41937
Ion Ratio Lower Upper
56 100
55 70.9 56.6 84.8



#14
Allyl chloride
Concen: 20.843 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 41 Resp: 123982
Ion Ratio Lower Upper
41 100
39 75.0 60.4 90.6
76 46.9 38.0 57.0

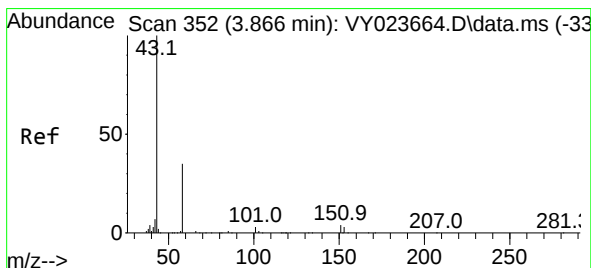
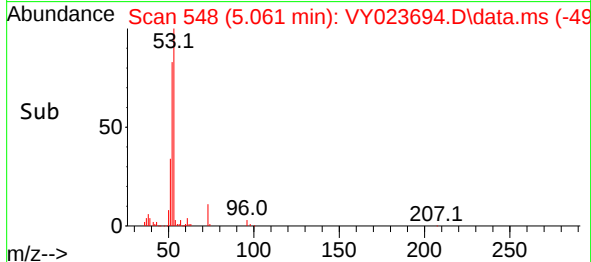
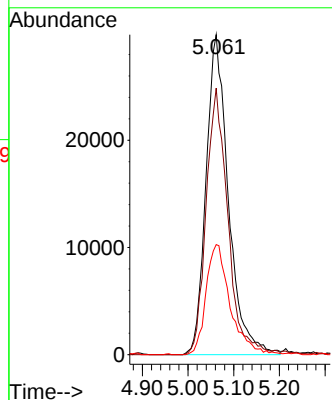
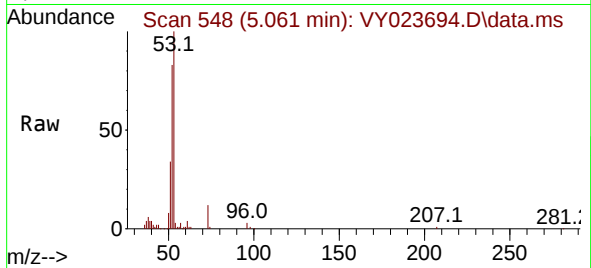




#15
Acrylonitrile
Concen: 107.532 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

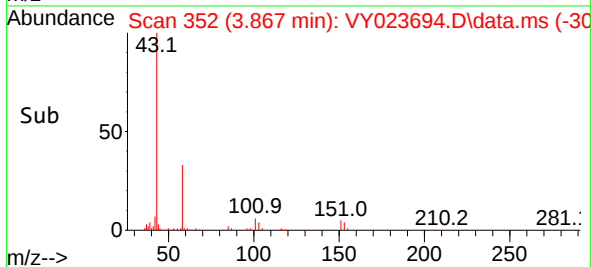
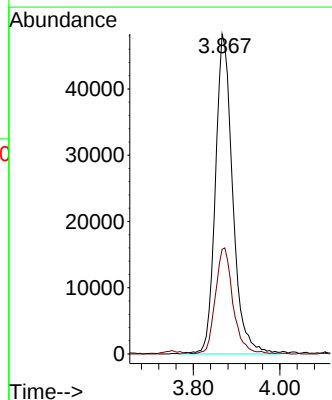
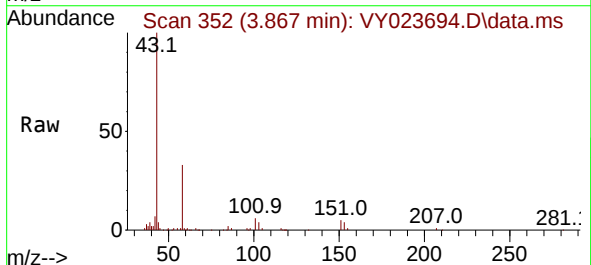
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

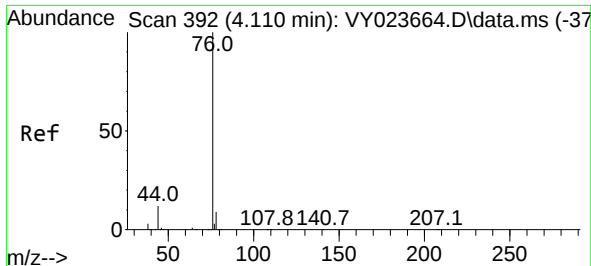
Tgt Ion: 53 Resp: 101471
Ion Ratio Lower Upper
53 100
52 81.0 64.9 97.3
51 37.2 29.4 44.0



#16
Acetone
Concen: 115.698 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 43 Resp: 134180
Ion Ratio Lower Upper
43 100
58 32.4 28.2 42.4

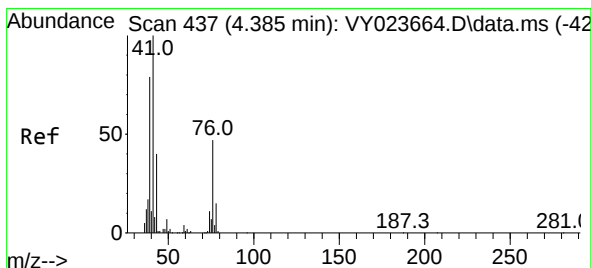
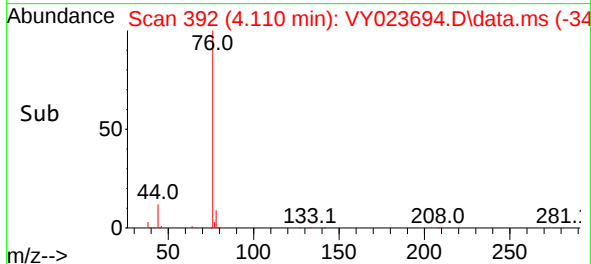
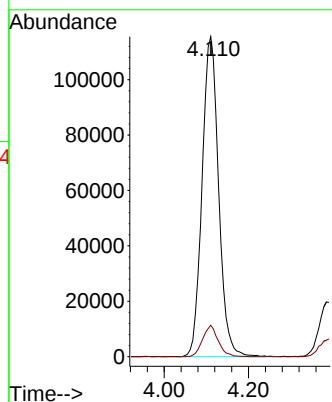
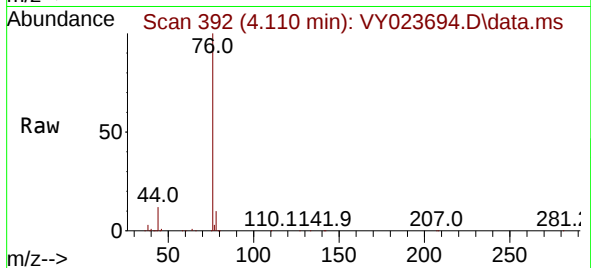




#17
Carbon Disulfide
Concen: 21.038 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

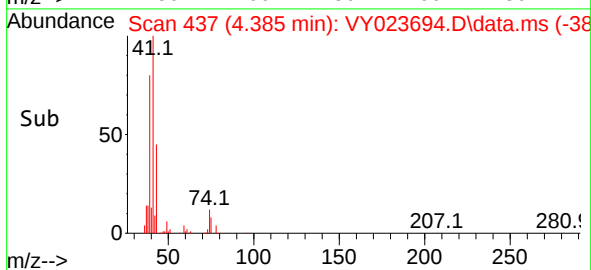
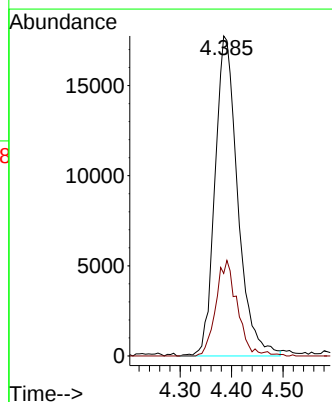
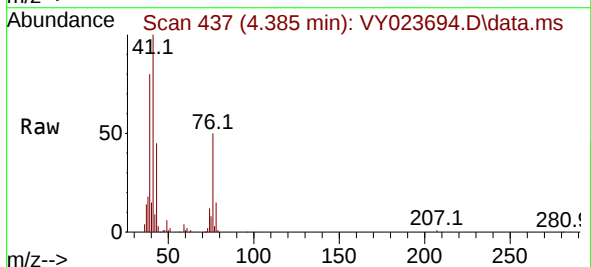
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 76 Resp: 315546
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7



#18
Methyl Acetate
Concen: 21.328 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 43 Resp: 54558
Ion Ratio Lower Upper
43 100
74 27.7 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 20.440 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

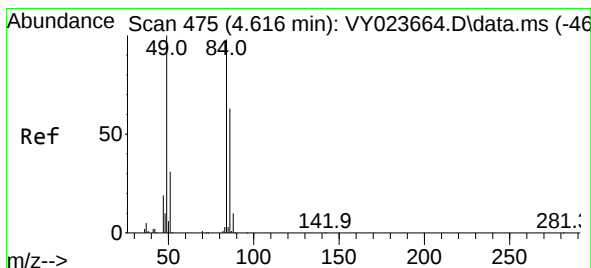
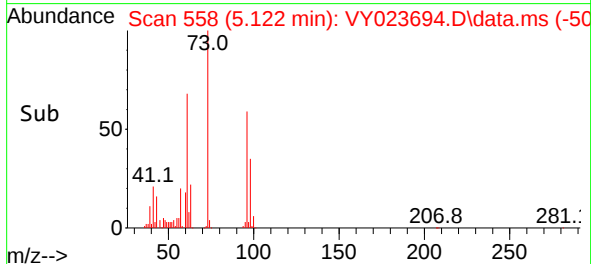
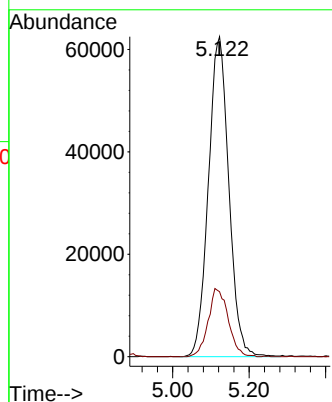
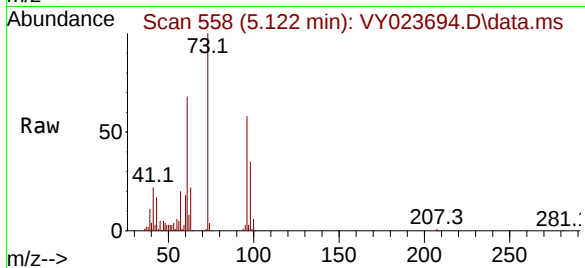
VY1106SBS01

Tgt Ion: 73 Resp: 231620

Ion Ratio Lower Upper

73 100

57 20.3 16.1 24.1



#20

Methylene Chloride

Concen: 22.015 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Tgt Ion: 84 Resp: 123256

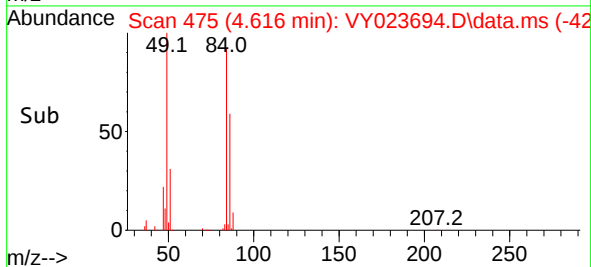
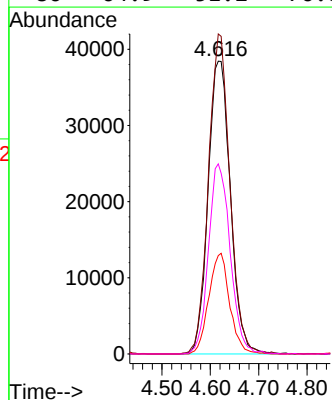
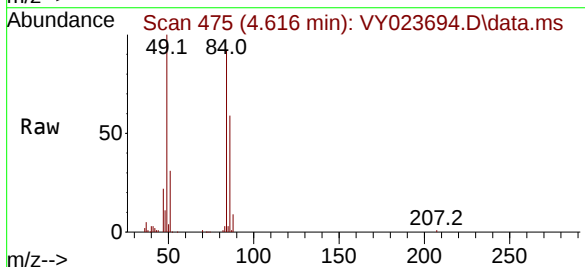
Ion Ratio Lower Upper

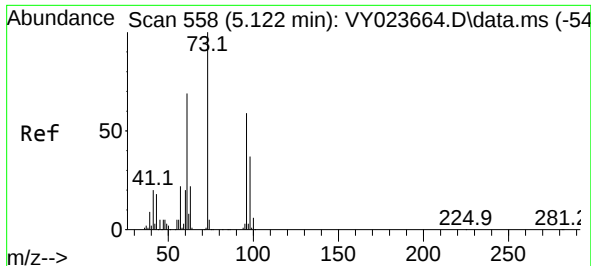
84 100

49 109.3 81.5 122.3

51 33.6 25.5 38.3

86 64.9 51.2 76.8

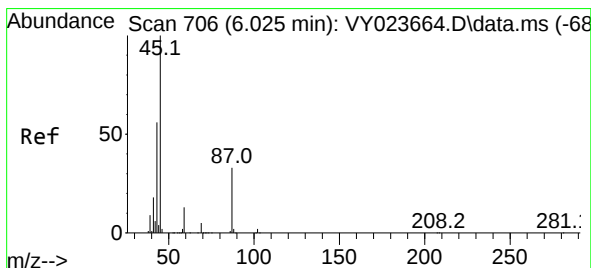
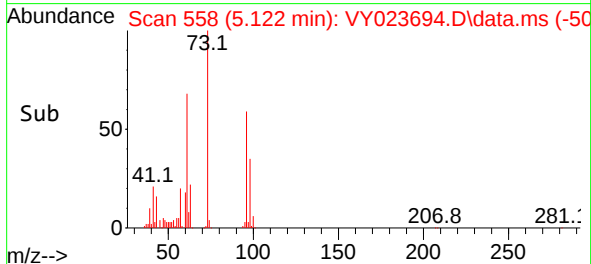
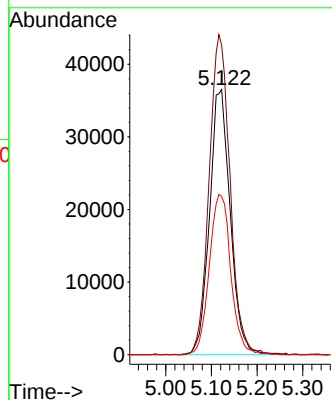
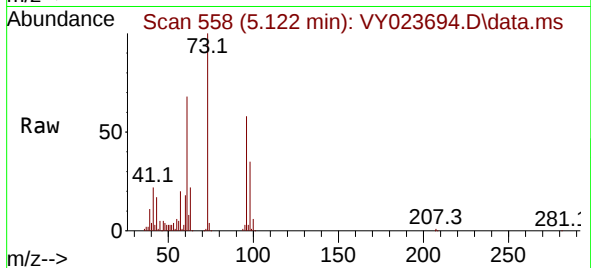




#21
trans-1,2-Dichloroethene
Concen: 20.912 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

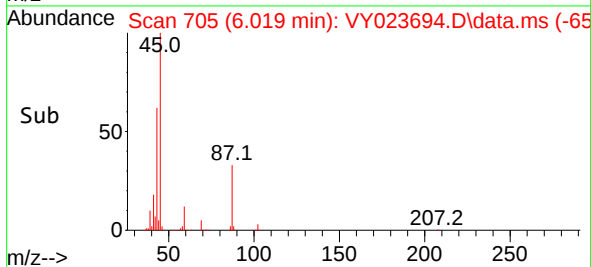
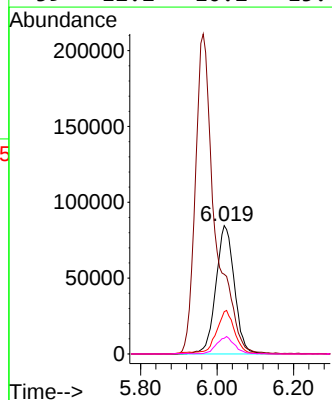
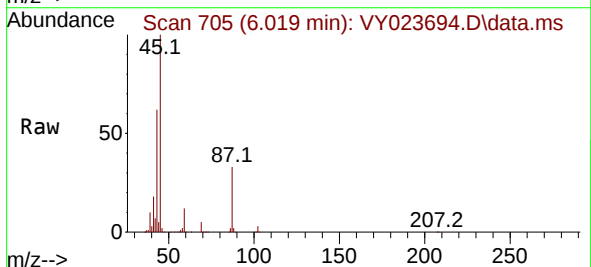
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

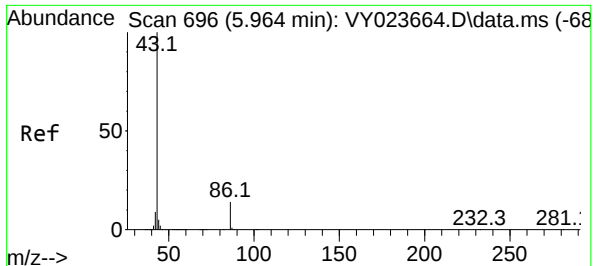
Tgt Ion: 96 Resp: 115227
Ion Ratio Lower Upper
96 100
61 116.7 93.3 139.9
98 59.6 50.6 75.8



#22
Diisopropyl ether
Concen: 21.468 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 45 Resp: 284548
Ion Ratio Lower Upper
45 100
43 61.8 44.7 67.1
87 32.8 27.2 40.8
59 12.2 10.2 15.4

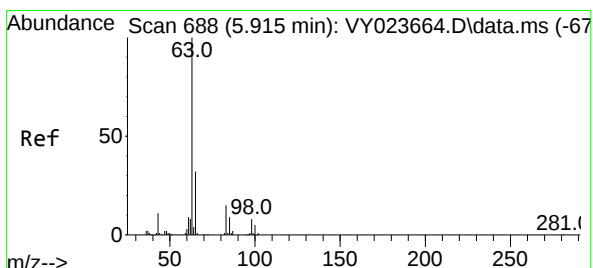
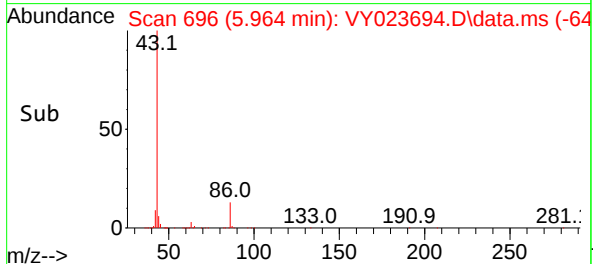
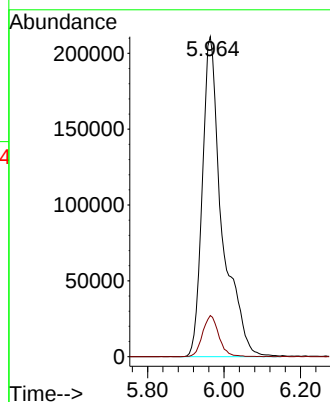
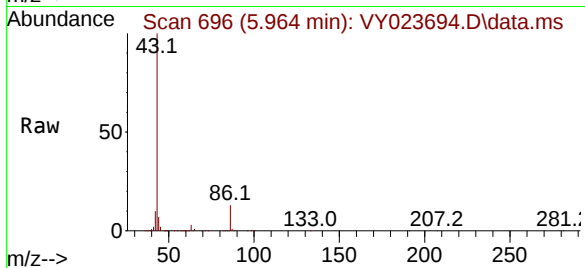




#23
 Vinyl Acetate
 Concen: 106.680 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

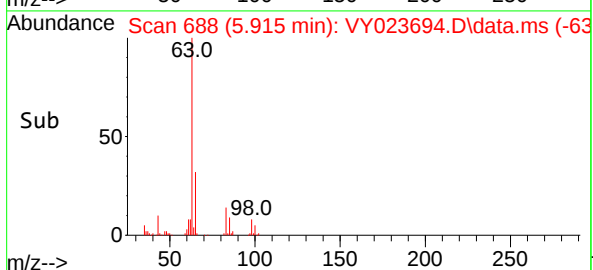
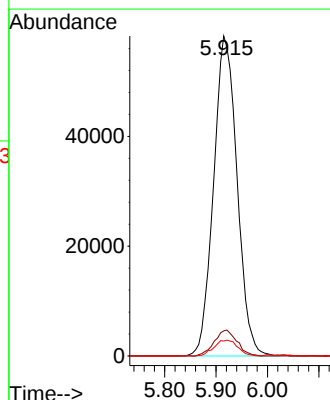
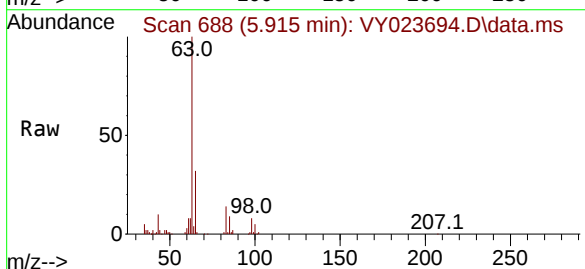
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

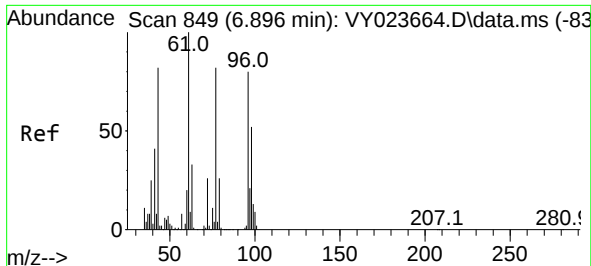
Tgt Ion: 43 Resp: 754551
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 20.949 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

Tgt Ion: 63 Resp: 184976
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 4.7 2.6 7.8





#25

2-Butanone

Concen: 114.713 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

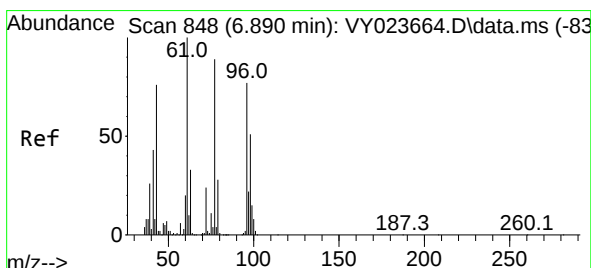
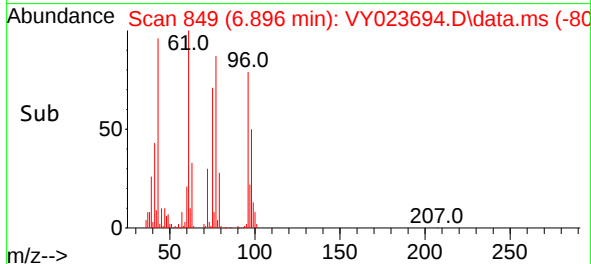
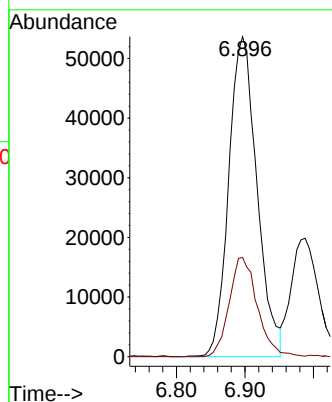
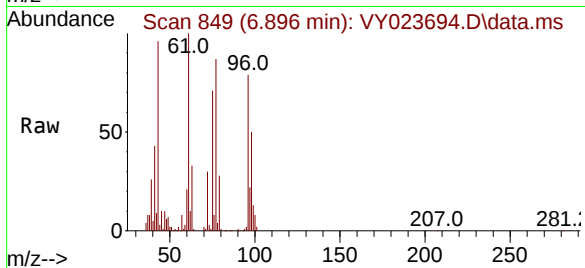
VY1106SBS01

Tgt Ion: 43 Resp: 153816

Ion Ratio Lower Upper

43 100

72 31.0 25.7 38.5



#26

2,2-Dichloropropane

Concen: 20.971 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023694.D

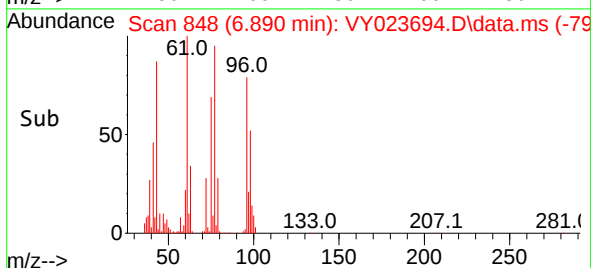
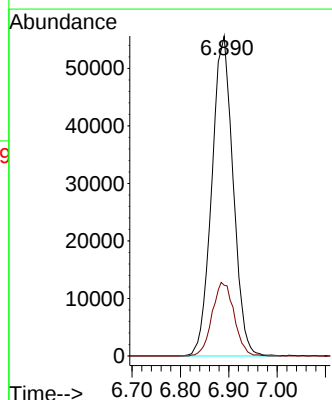
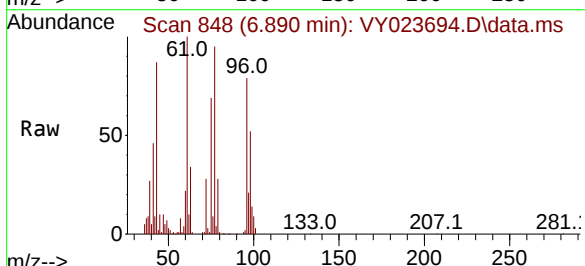
Acq: 06 Nov 2025 09:44

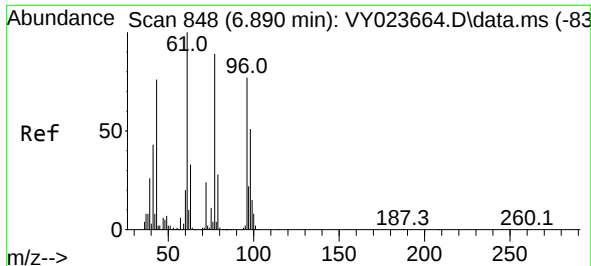
Tgt Ion: 77 Resp: 170334

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.238 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

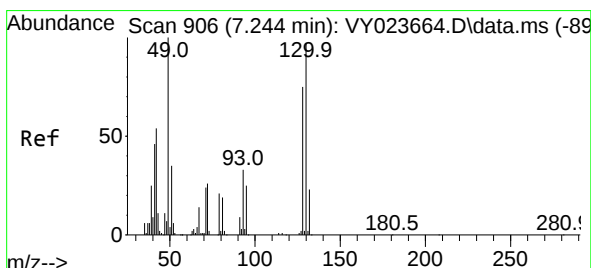
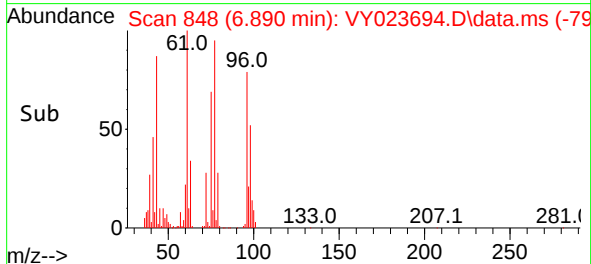
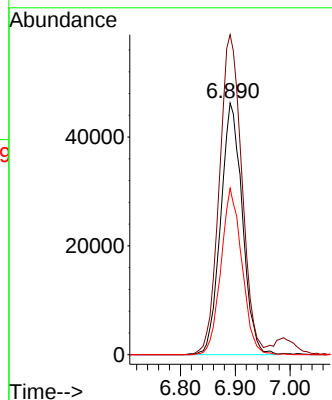
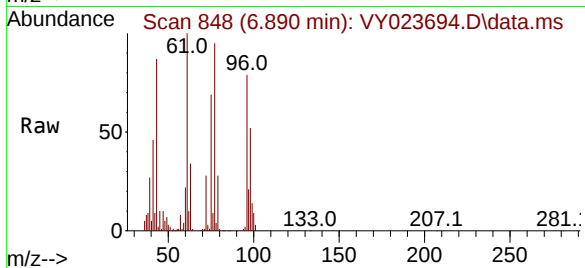
Tgt Ion: 96 Resp: 127356

Ion Ratio Lower Upper

96 100

61 132.3 0.0 255.0

98 63.9 0.0 129.8



#28

Bromochloromethane

Concen: 21.371 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

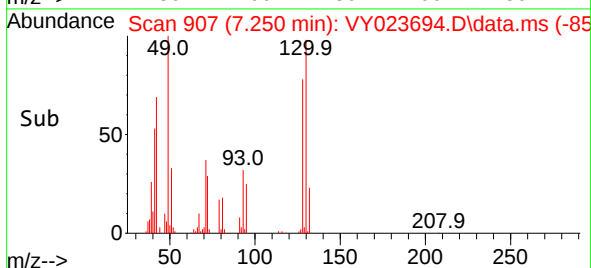
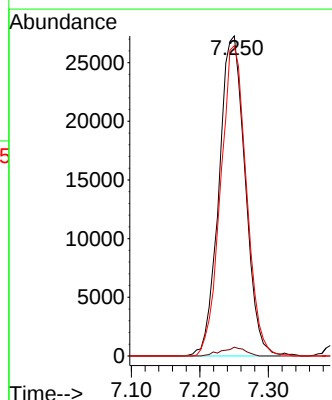
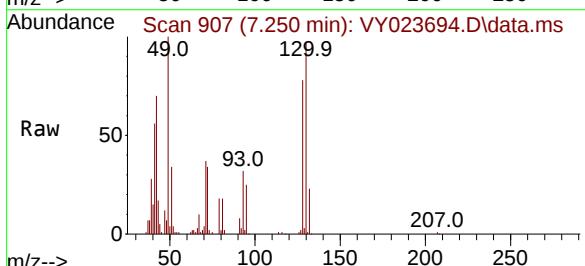
Tgt Ion: 49 Resp: 72254

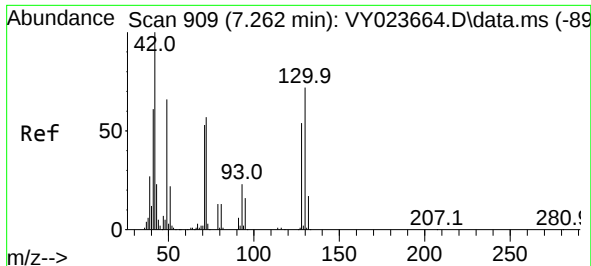
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 95.6 80.1 120.1

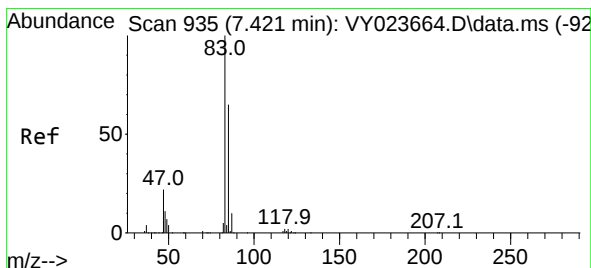
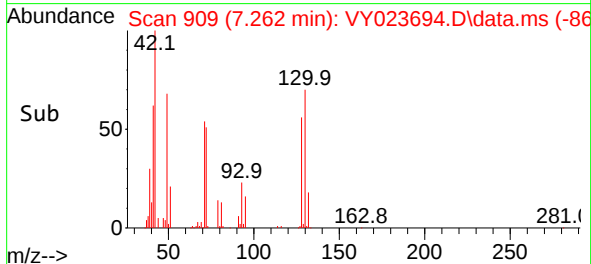
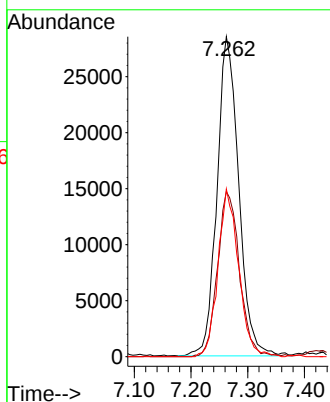
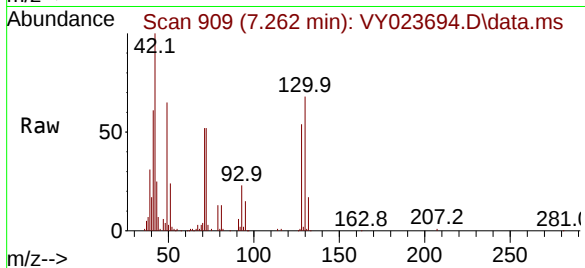




#29
Tetrahydrofuran
Concen: 106.214 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

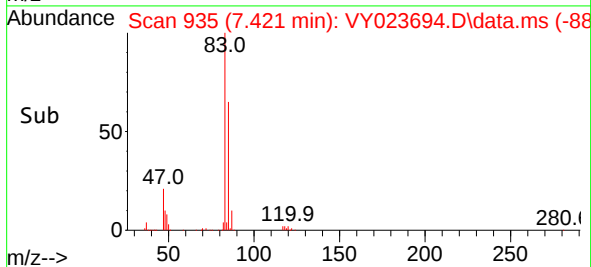
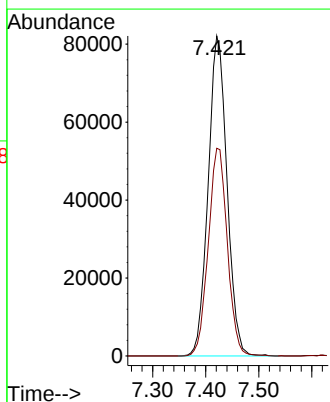
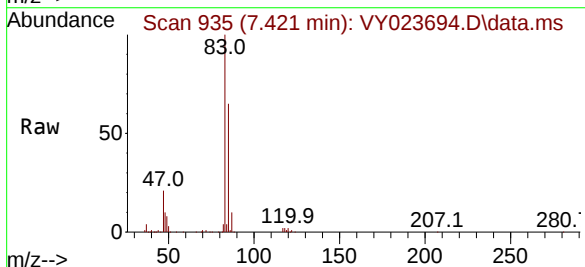
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

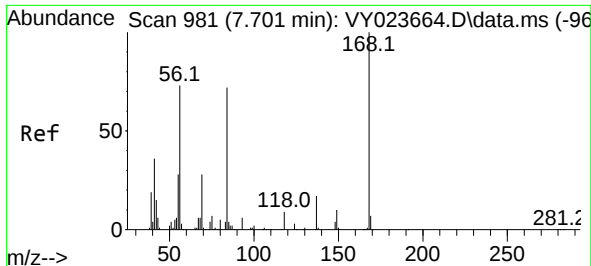
Tgt Ion: 42 Resp: 75848
Ion Ratio Lower Upper
42 100
72 52.4 43.4 65.2
71 50.0 40.7 61.1



#30
Chloroform
Concen: 20.610 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 83 Resp: 203045
Ion Ratio Lower Upper
83 100
85 64.9 52.1 78.1

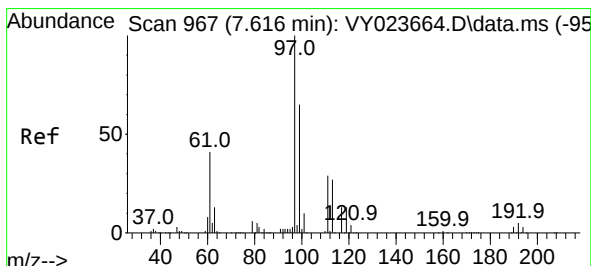
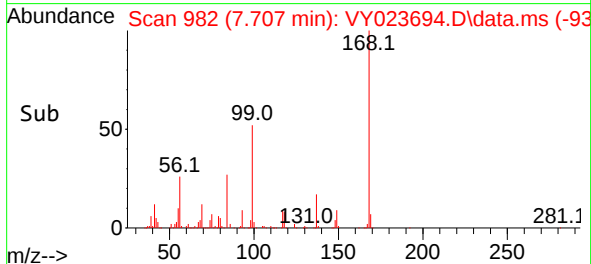
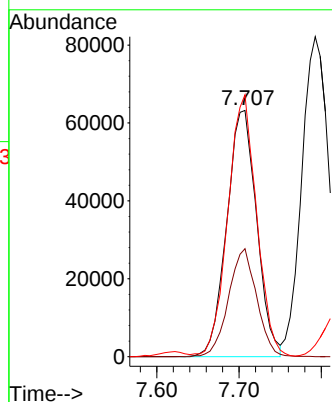
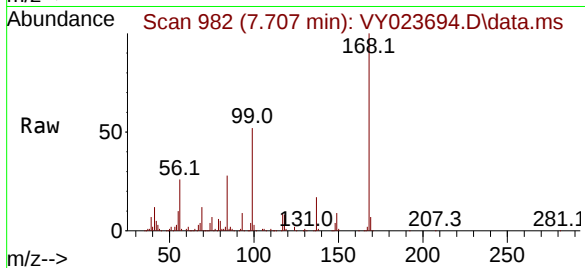




#31
Cyclohexane
Concen: 20.819 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

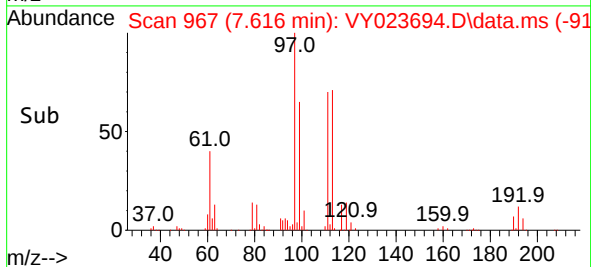
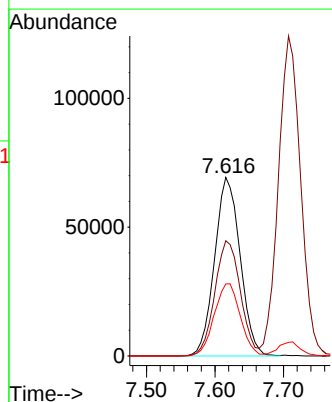
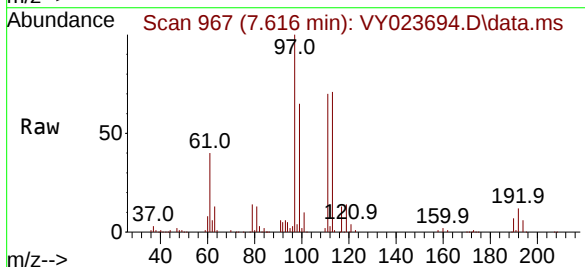
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

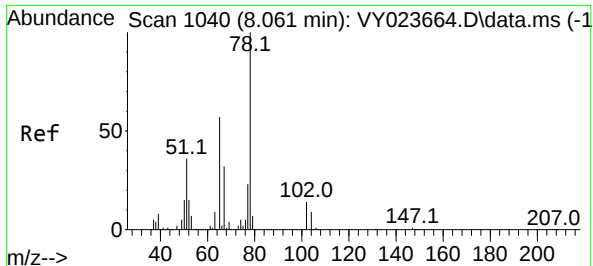
Tgt Ion: 56 Resp: 160093
Ion Ratio Lower Upper
56 100
69 43.8 30.5 45.7
84 104.6 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 20.376 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 97 Resp: 179418
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 41.3 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 51.968 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

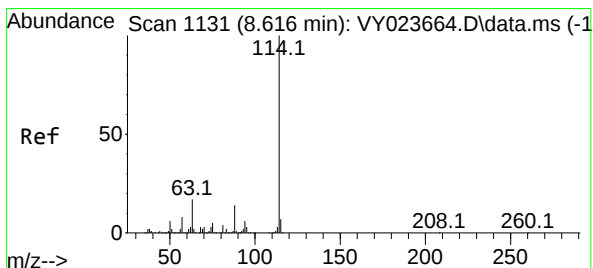
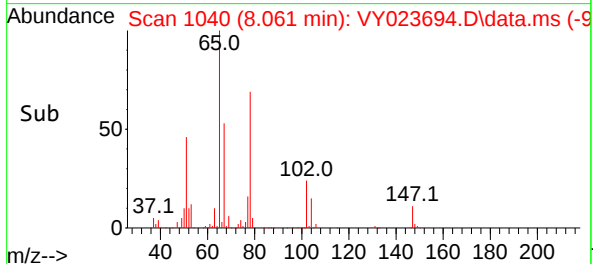
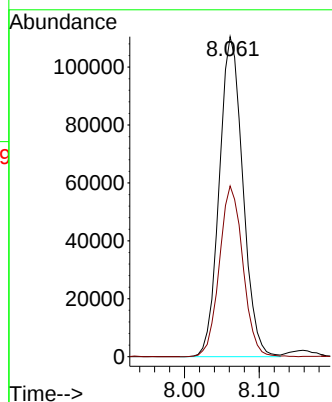
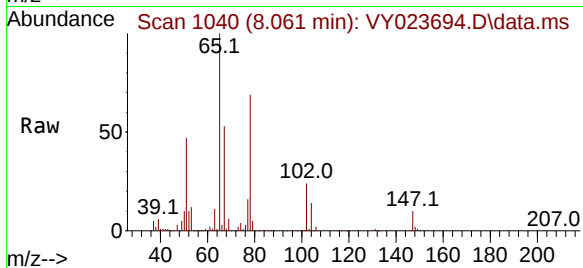
VY1106SBS01

Tgt Ion: 65 Resp: 242468

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

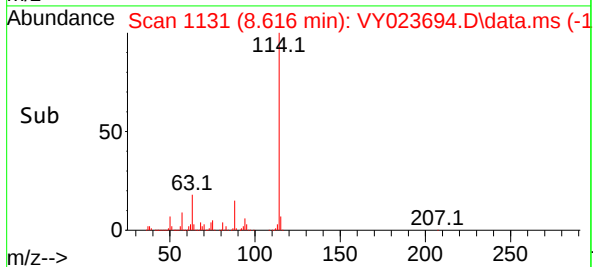
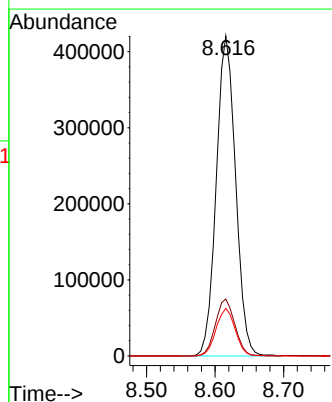
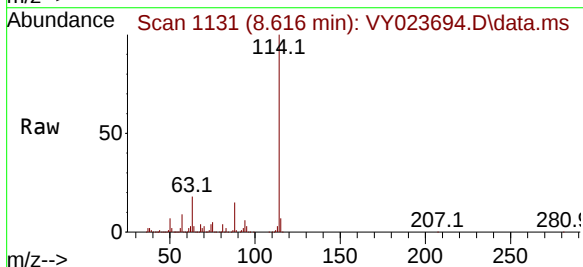
Tgt Ion: 114 Resp: 822052

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

88 14.9 0.0 29.0

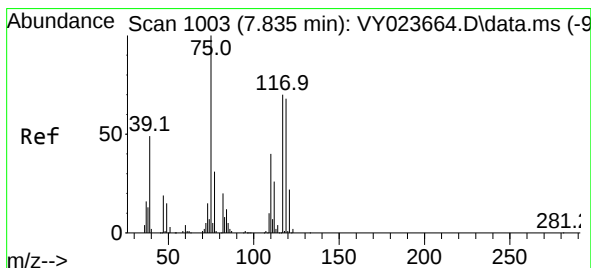
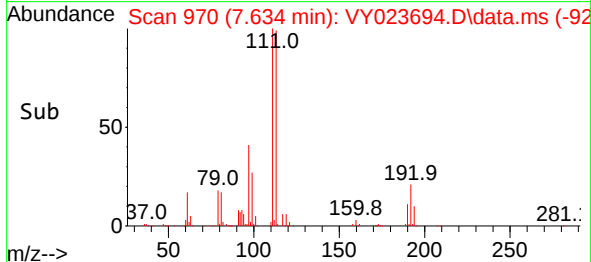
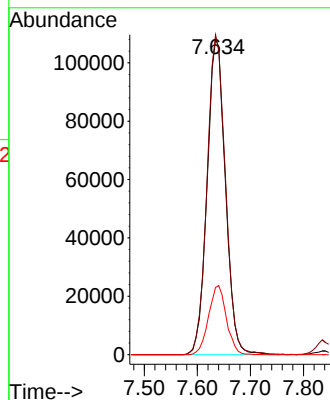
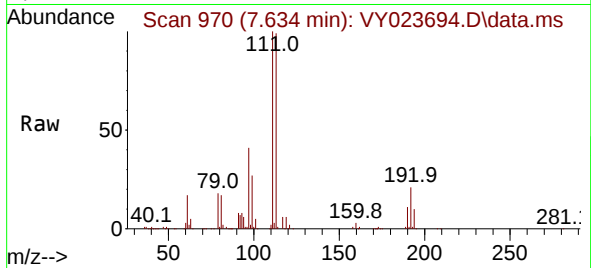




#35
Dibromofluoromethane
Concen: 50.457 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

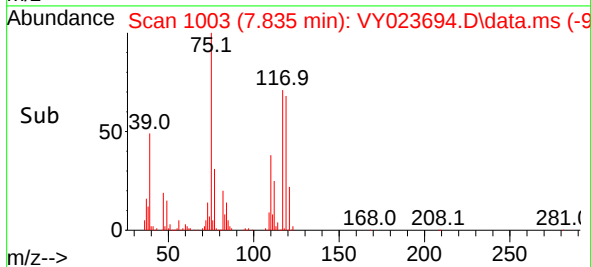
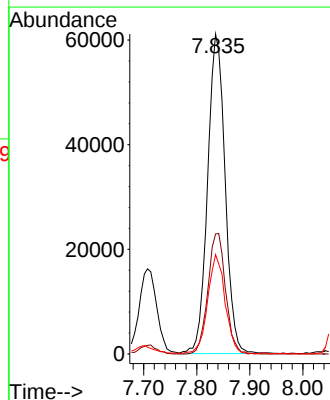
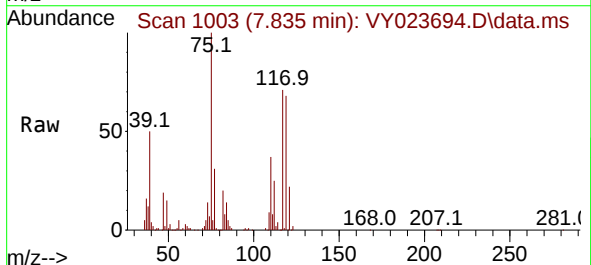
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion:113 Resp: 259210
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 21.3 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.416 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 75 Resp: 140152
Ion Ratio Lower Upper
75 100
110 38.1 19.7 59.0
77 31.0 25.2 37.8

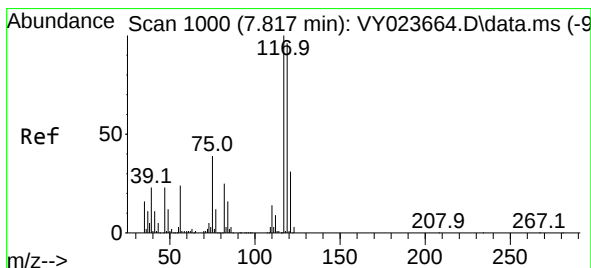
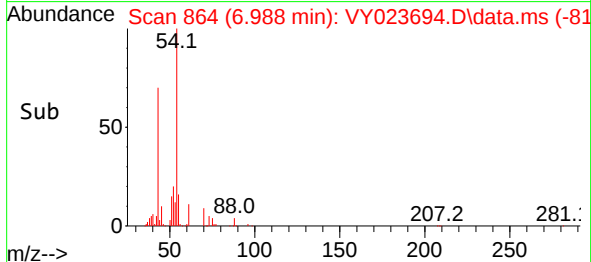
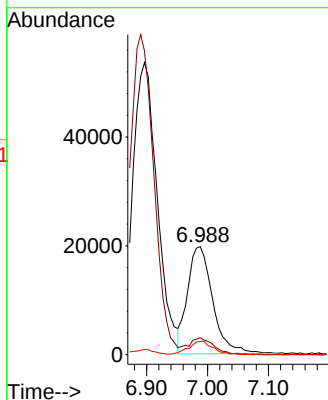
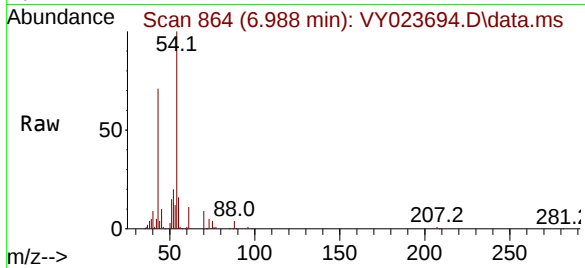




#37
Ethyl Acetate
Concen: 21.240 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

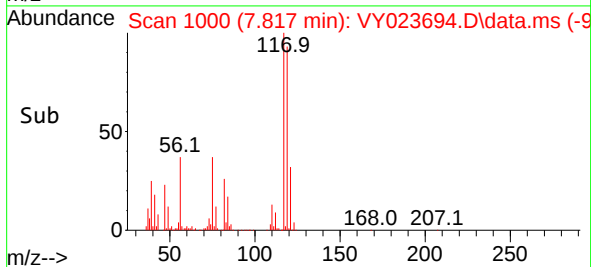
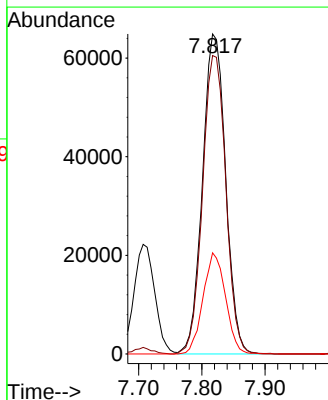
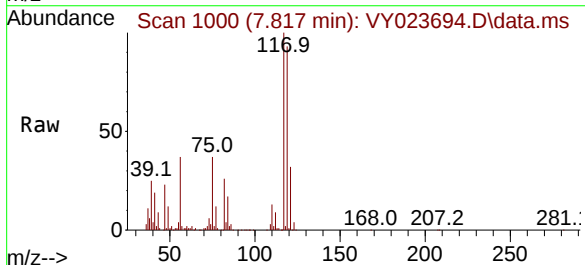
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

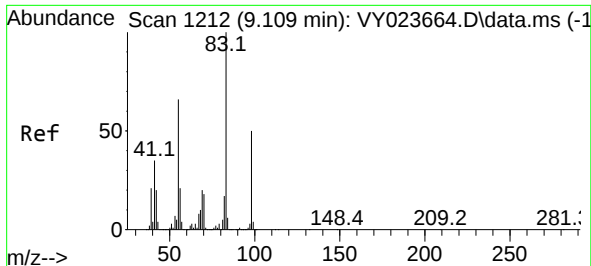
Tgt Ion: 43 Resp: 56444
Ion Ratio Lower Upper
43 100
61 15.6 12.4 18.6
70 12.1 9.8 14.8



#38
Carbon Tetrachloride
Concen: 20.467 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 117 Resp: 165543
Ion Ratio Lower Upper
117 100
119 93.2 76.3 114.5
121 31.6 24.8 37.2





#39

Methylcyclohexane

Concen: 19.710 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

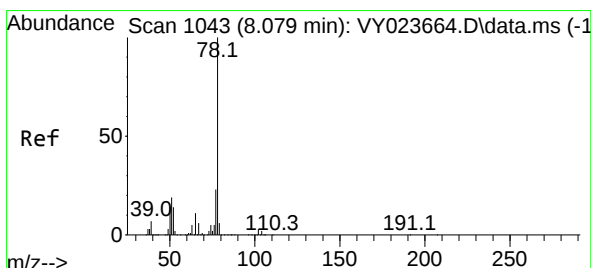
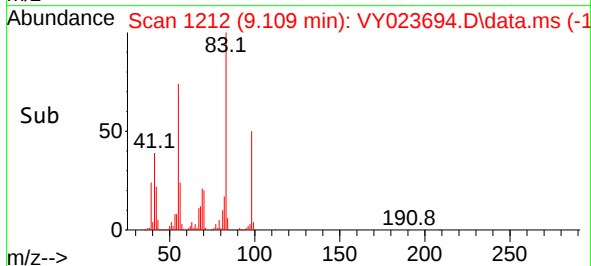
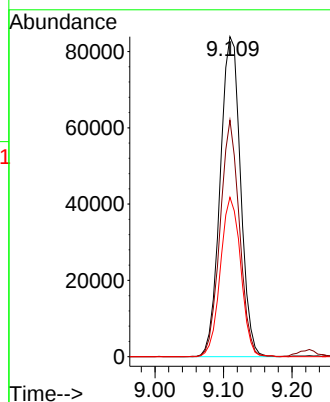
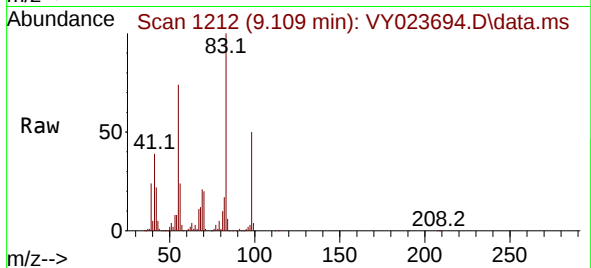
Tgt Ion: 83 Resp: 172882

Ion Ratio Lower Upper

83 100

55 73.9 52.6 78.8

98 49.8 39.7 59.5



#40

Benzene

Concen: 20.538 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023694.D

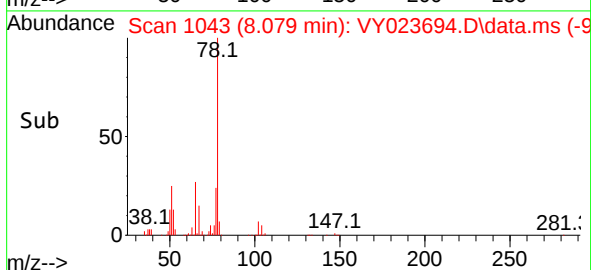
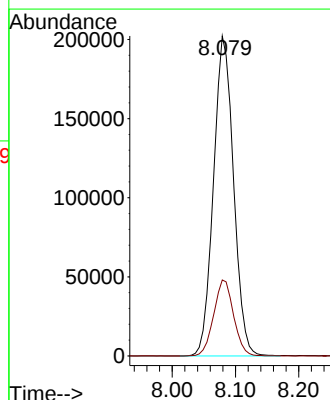
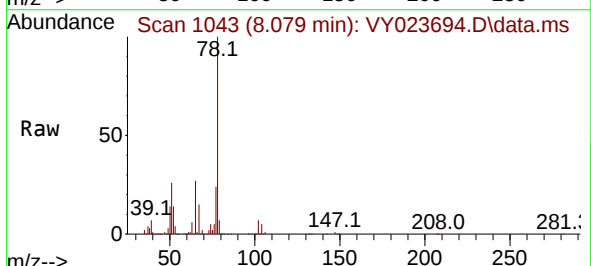
Acq: 06 Nov 2025 09:44

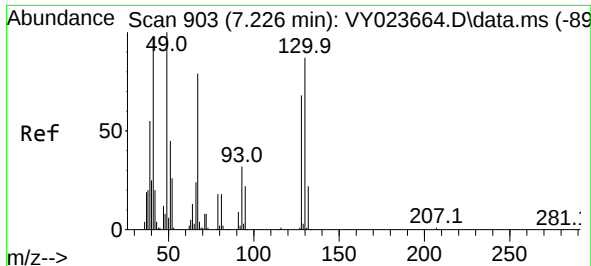
Tgt Ion: 78 Resp: 444410

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

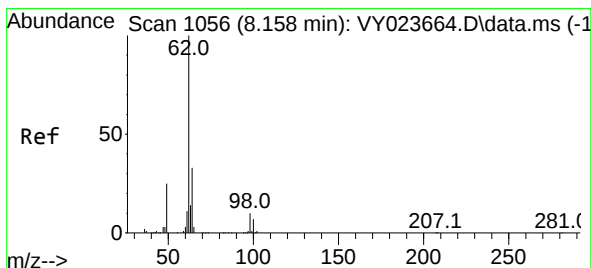
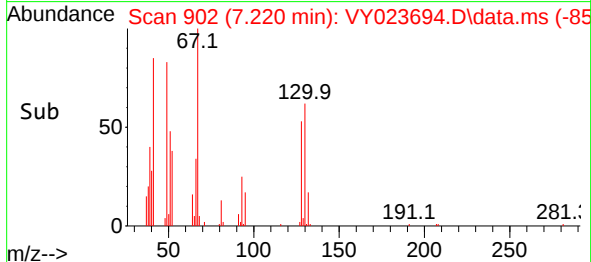
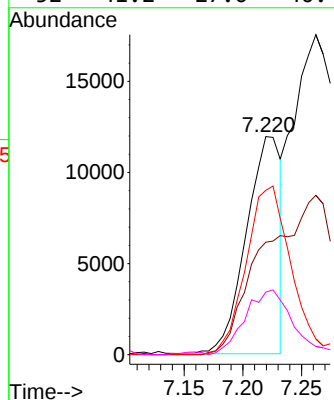
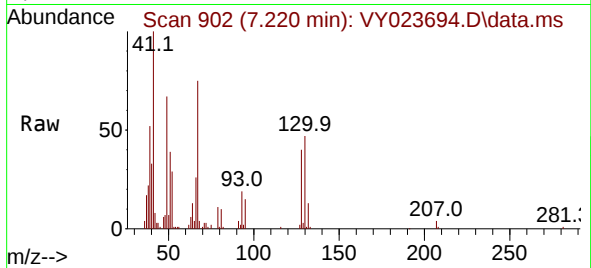




#41
Methacrylonitrile
Concen: 16.817 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

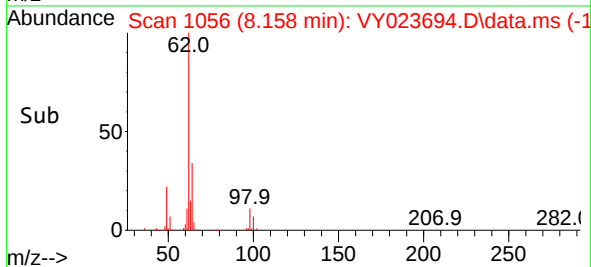
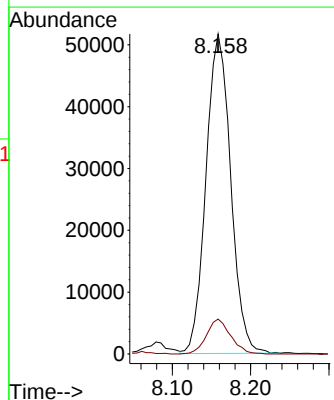
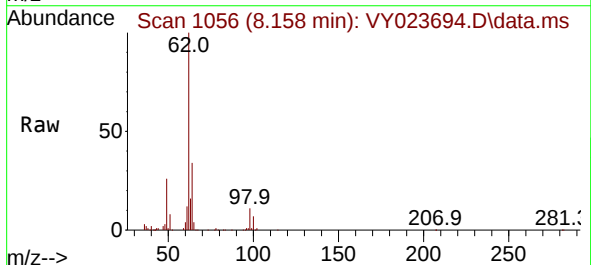
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

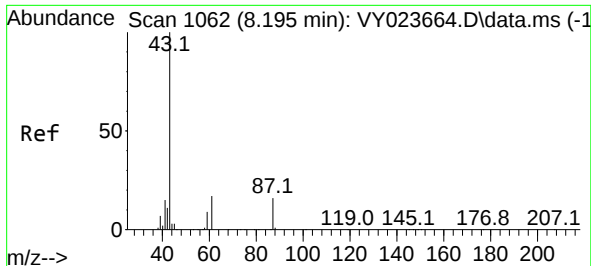
Tgt Ion: 41 Resp: 24395
Ion Ratio Lower Upper
41 100
39 0.0 38.6 57.8#
67 102.0 71.3 106.9
52 41.2 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 20.708 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 62 Resp: 113361
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.0

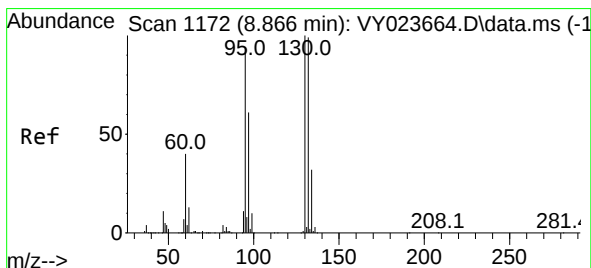
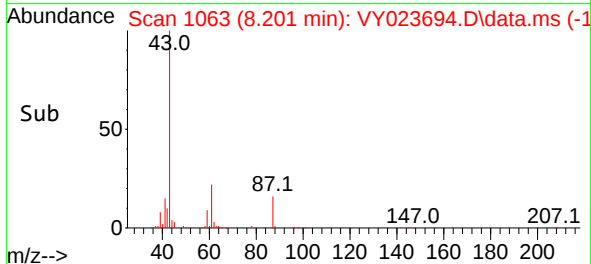
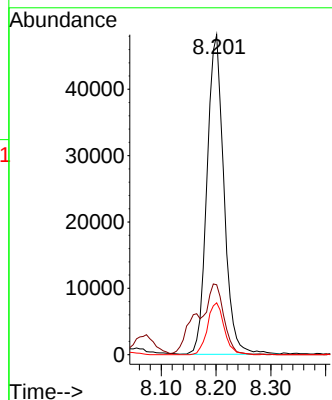
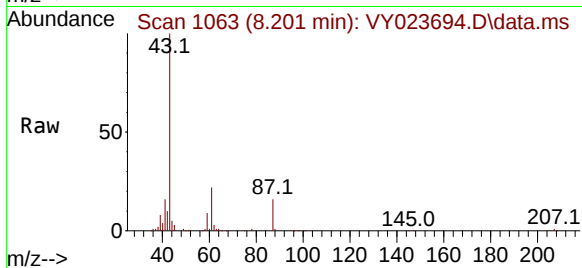




#43
Isopropyl Acetate
Concen: 20.589 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

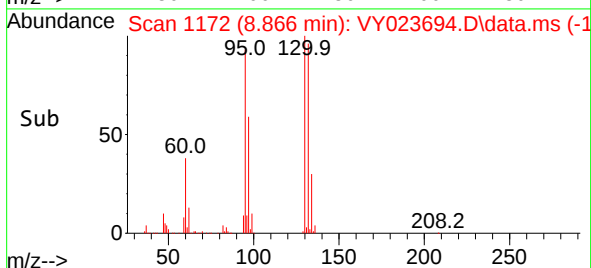
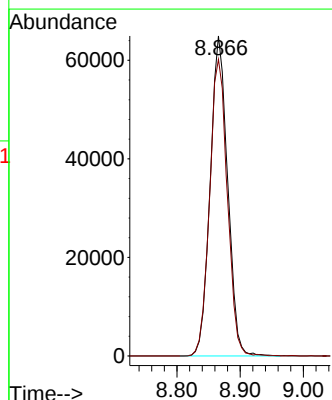
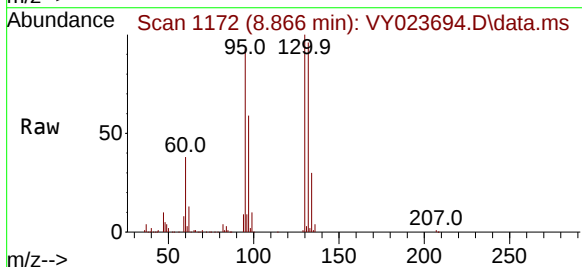
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

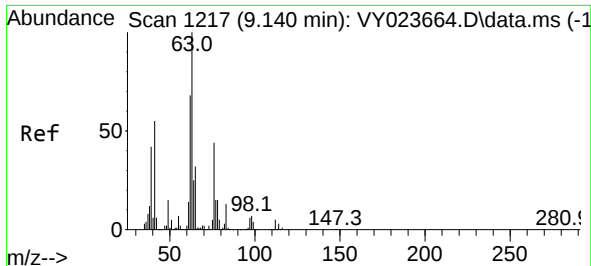
Tgt Ion: 43 Resp: 102806
Ion Ratio Lower Upper
43 100
61 23.1 18.2 27.2
87 16.2 13.3 19.9



#44
Trichloroethene
Concen: 20.023 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 130 Resp: 124443
Ion Ratio Lower Upper
130 100
95 92.7 0.0 187.0





#45

1,2-Dichloropropane

Concen: 20.778 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

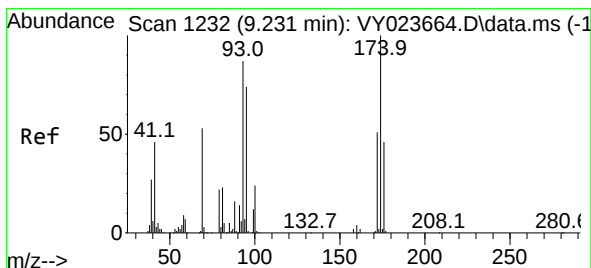
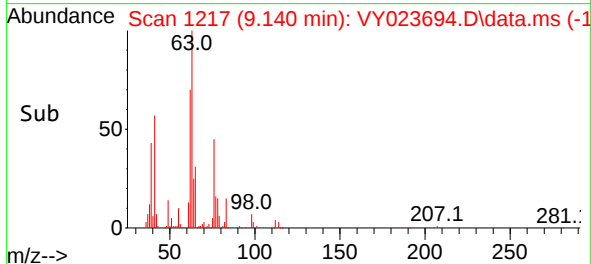
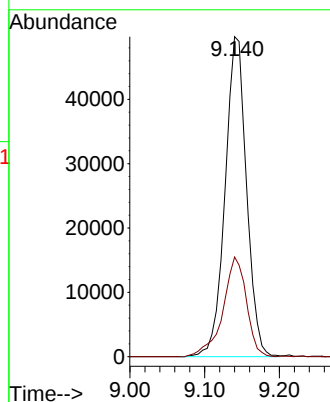
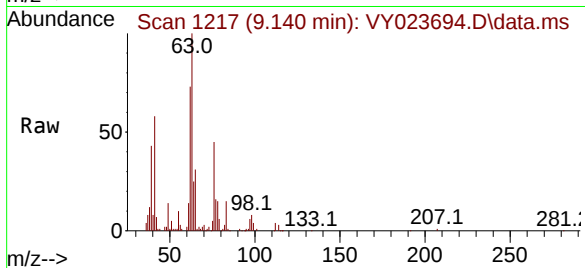
VY1106SBS01

Tgt Ion: 63 Resp: 99224

Ion Ratio Lower Upper

63 100

65 31.1 25.6 38.4



#46

Dibromomethane

Concen: 20.709 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

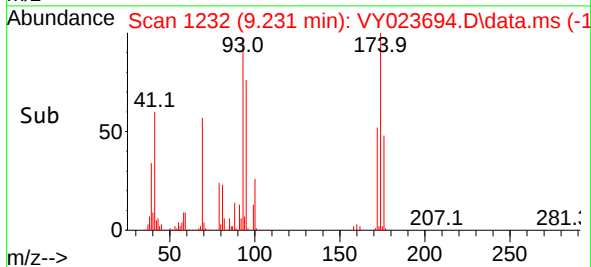
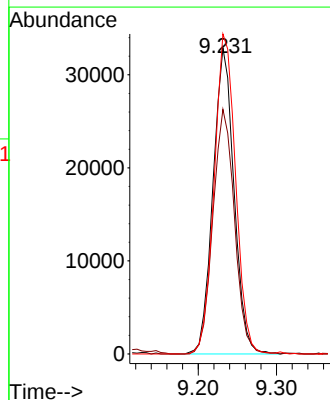
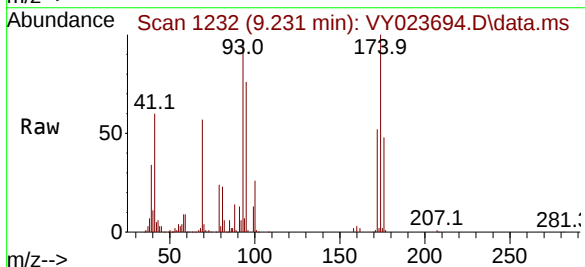
Tgt Ion: 93 Resp: 61277

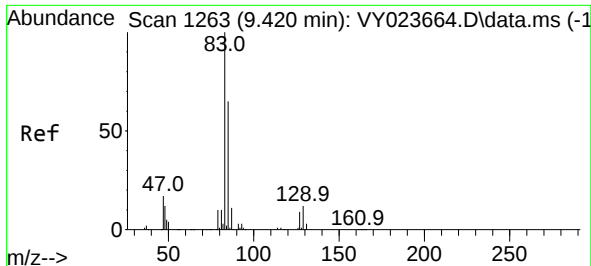
Ion Ratio Lower Upper

93 100

95 82.2 67.4 101.2

174 106.8 89.4 134.0

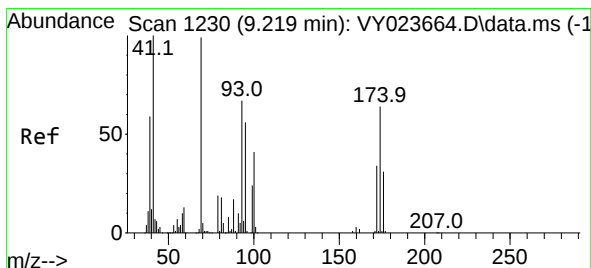
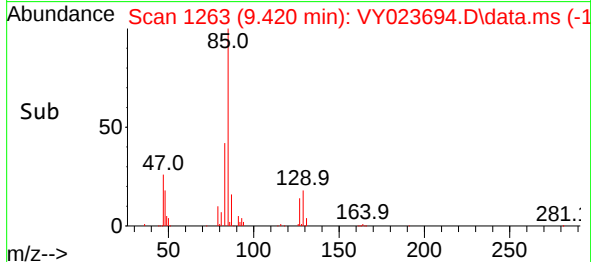
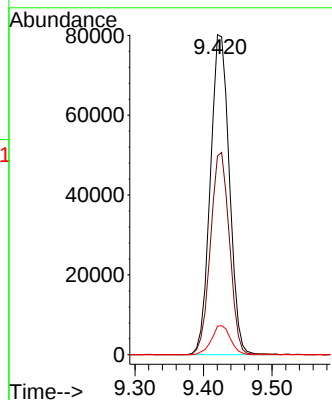
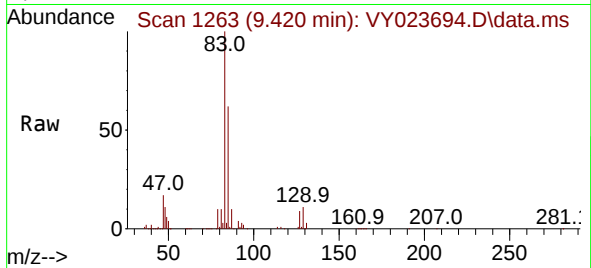




#47
Bromodichloromethane
Concen: 20.684 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

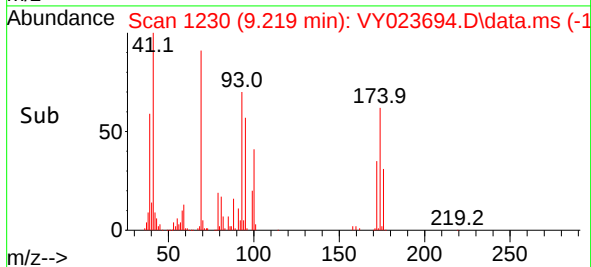
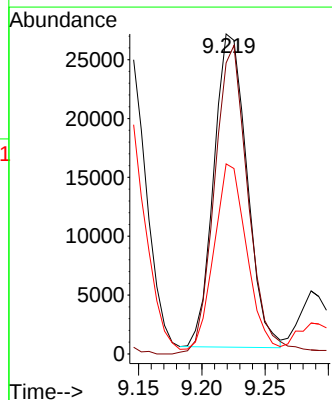
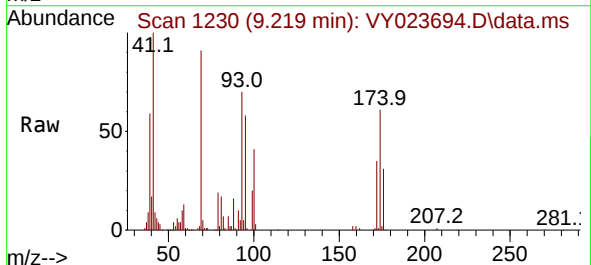
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

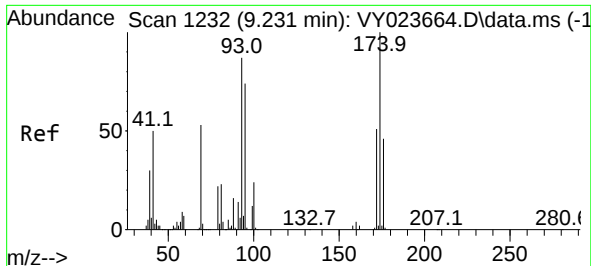
Tgt Ion: 83 Resp: 154311
Ion Ratio Lower Upper
83 100
85 62.1 52.1 78.1
127 8.9 7.5 11.3



#48
Methyl methacrylate
Concen: 20.532 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 41 Resp: 48437
Ion Ratio Lower Upper
41 100
69 101.0 80.2 120.2
39 58.1 47.4 71.0





#49

1,4-Dioxane

Concen: 413.484 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

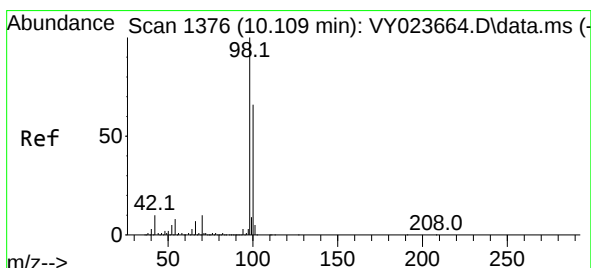
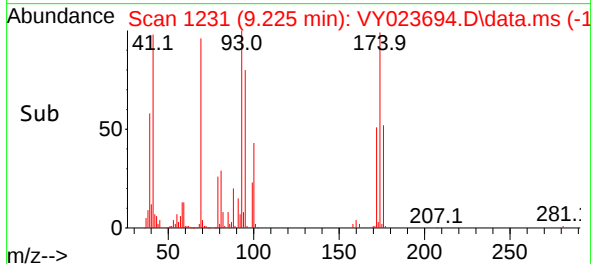
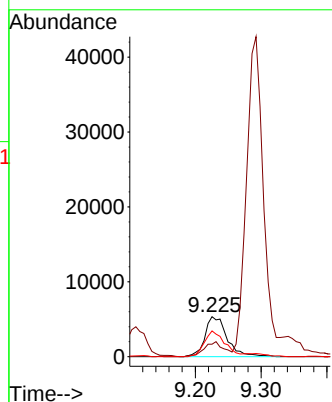
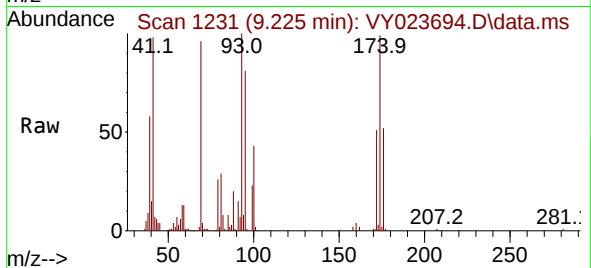
Tgt Ion: 88 Resp: 12521

Ion Ratio Lower Upper

88 100

43 33.4 22.0 33.0#

58 60.5 47.8 71.8



#50

Toluene-d8

Concen: 51.518 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023694.D

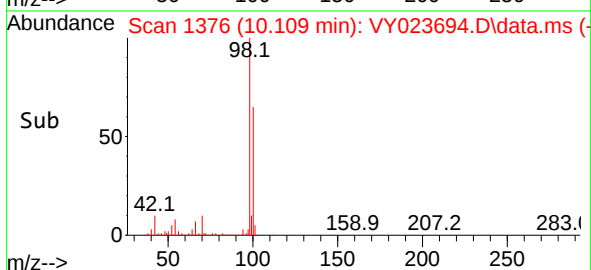
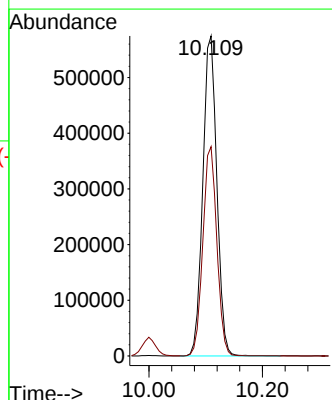
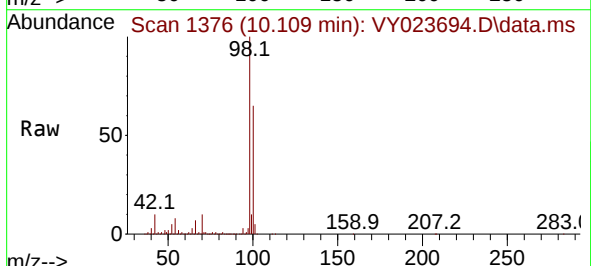
Acq: 06 Nov 2025 09:44

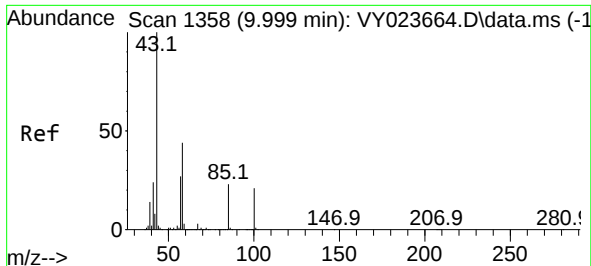
Tgt Ion: 98 Resp: 985886

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 106.199 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

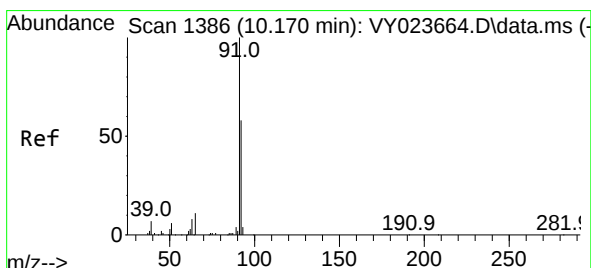
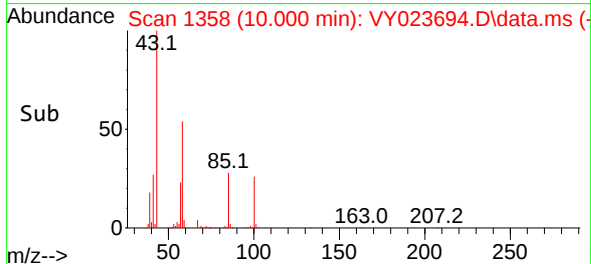
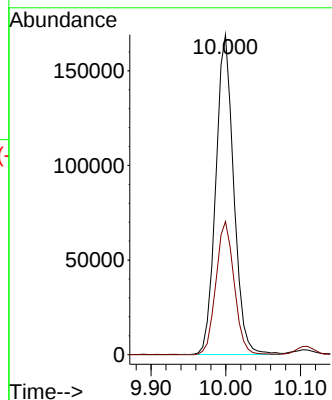
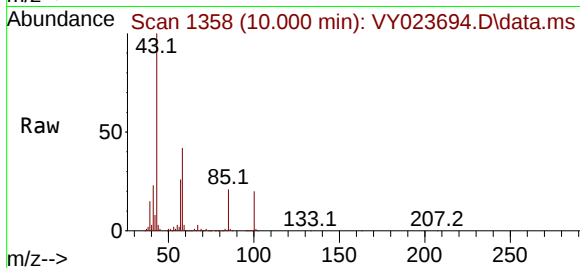
VY1106SBS01

Tgt Ion: 43 Resp: 281999

Ion Ratio Lower Upper

43 100

58 42.3 34.8 52.2



#52

Toluene

Concen: 20.728 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023694.D

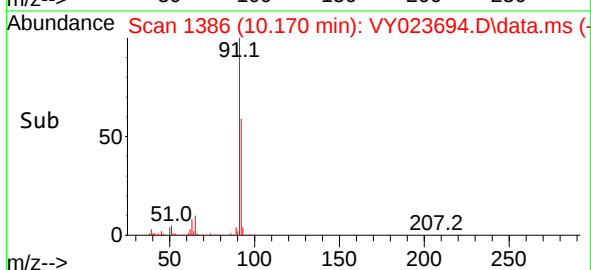
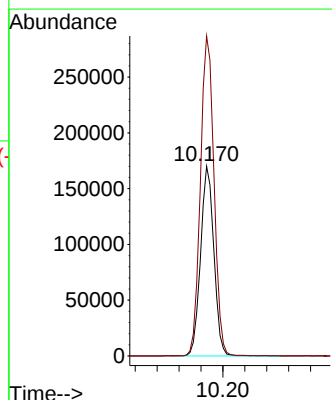
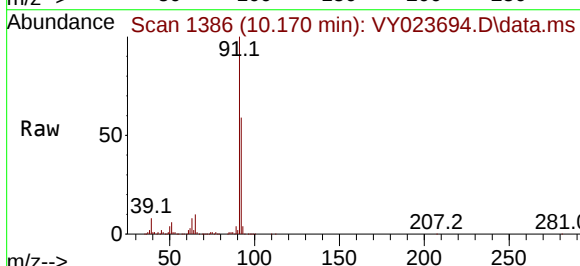
Acq: 06 Nov 2025 09:44

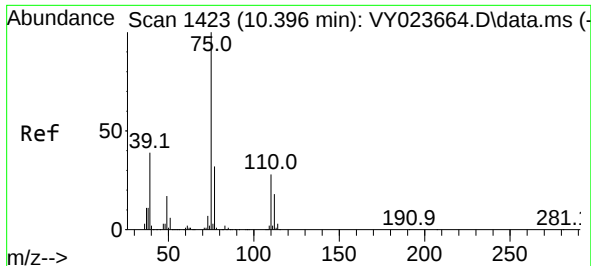
Tgt Ion: 92 Resp: 286343

Ion Ratio Lower Upper

92 100

91 172.6 137.8 206.8

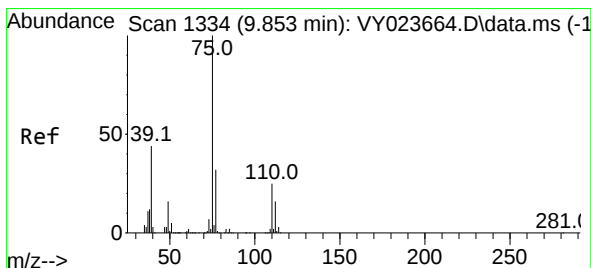
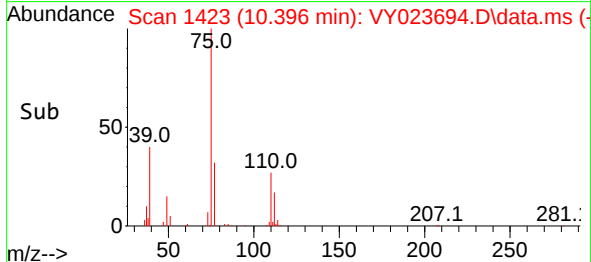
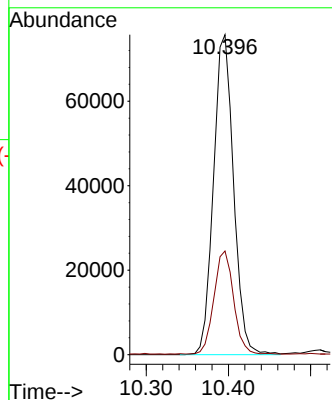
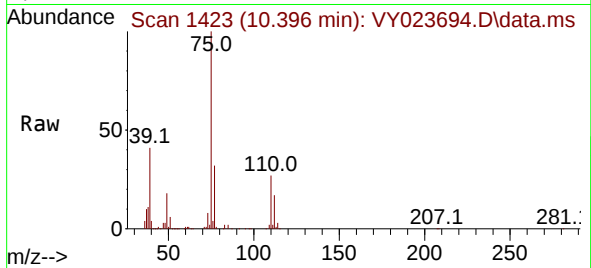




#53
 t-1,3-Dichloropropene
 Concen: 20.355 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

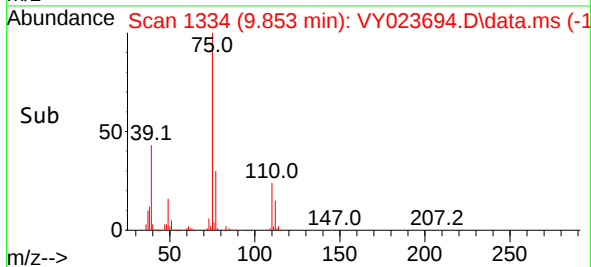
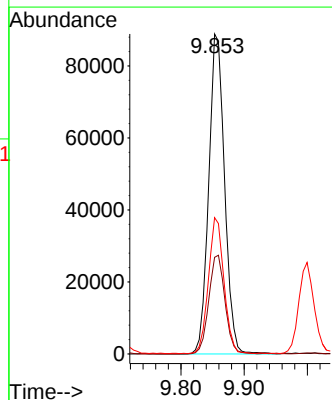
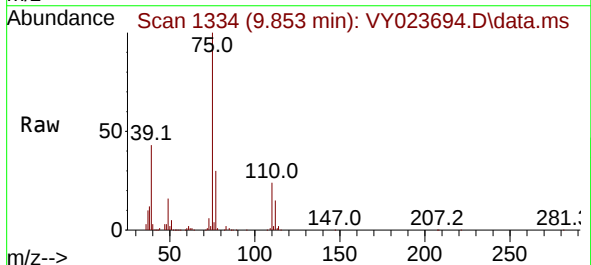
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

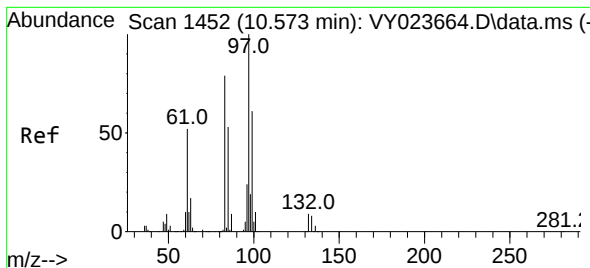
Tgt Ion: 75 Resp: 128491
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.554 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

Tgt Ion: 75 Resp: 155449
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.7 38.5
 39 42.5 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 20.790 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 97 Resp: 82212

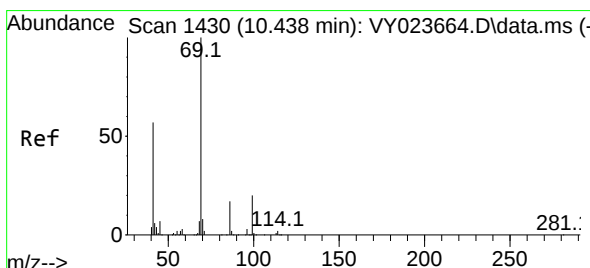
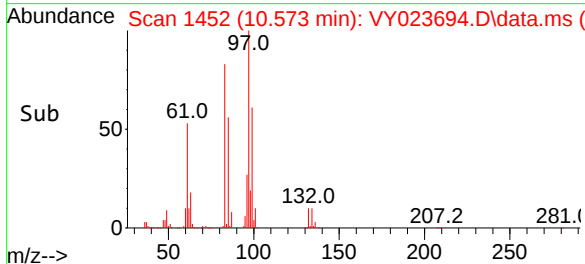
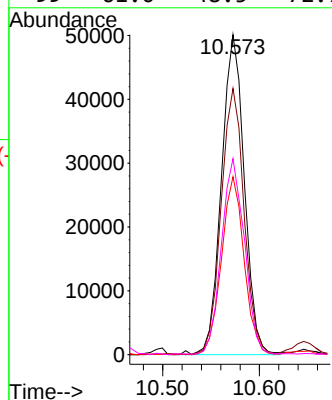
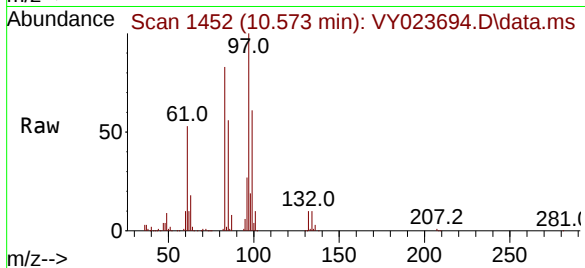
Ion Ratio Lower Upper

97 100

83 83.0 63.3 94.9

85 55.4 42.4 63.6

99 61.0 48.5 72.7



#56

Ethyl methacrylate

Concen: 19.296 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

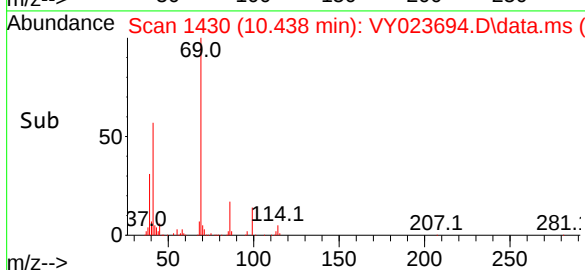
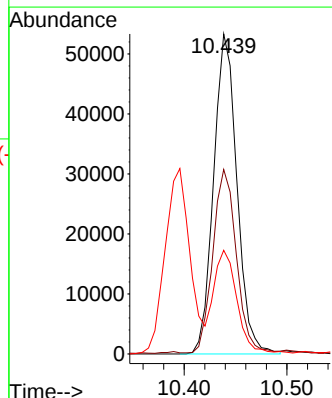
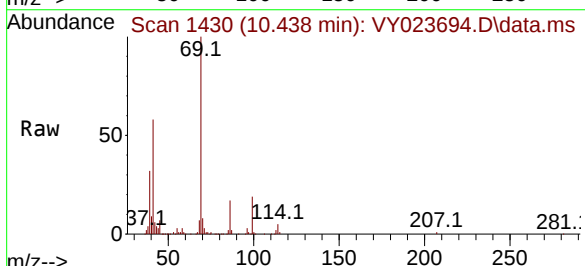
Tgt Ion: 69 Resp: 84068

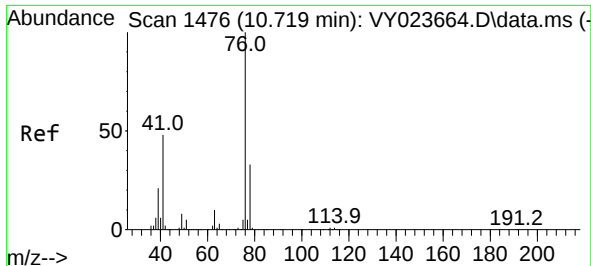
Ion Ratio Lower Upper

69 100

41 57.7 45.0 67.4

39 31.8 25.1 37.7





#57

1,3-Dichloropropane

Concen: 20.589 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

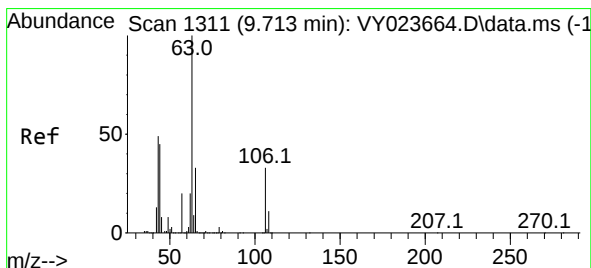
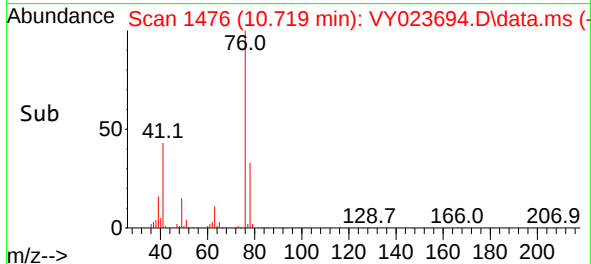
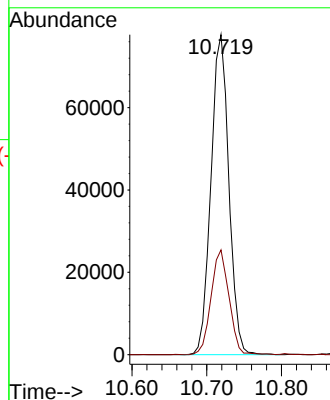
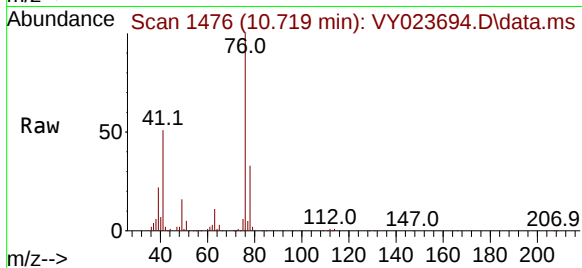
VY1106SBS01

Tgt Ion: 76 Resp: 129138

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.718 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023694.D

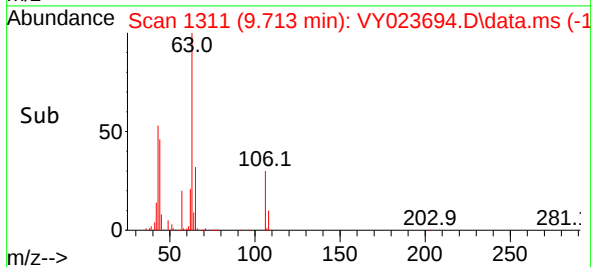
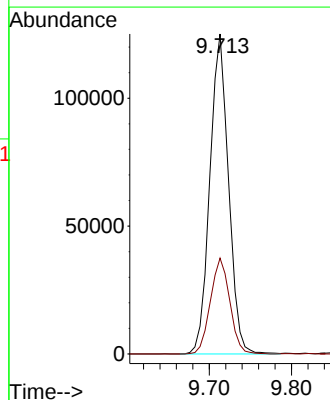
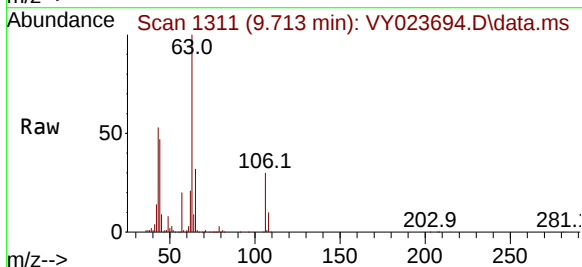
Acq: 06 Nov 2025 09:44

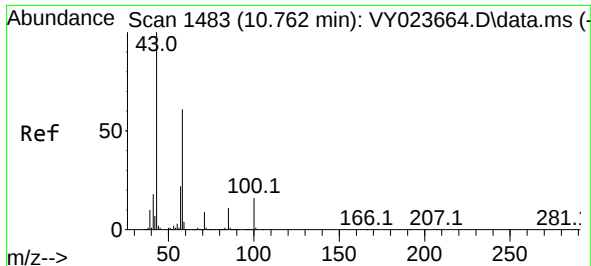
Tgt Ion: 63 Resp: 197363

Ion Ratio Lower Upper

63 100

106 31.0 26.2 39.2

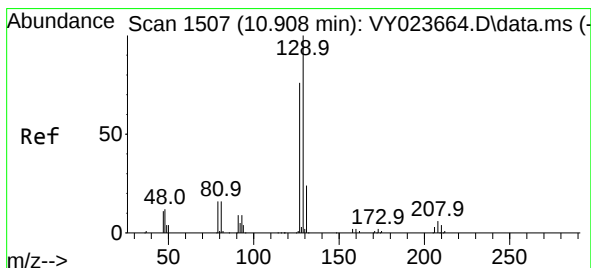
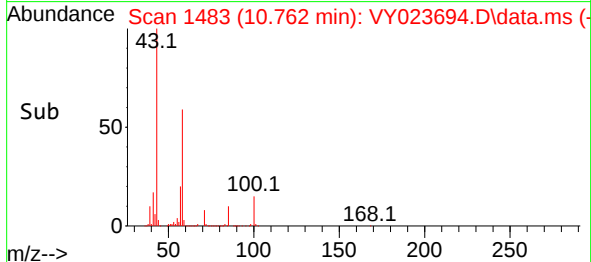
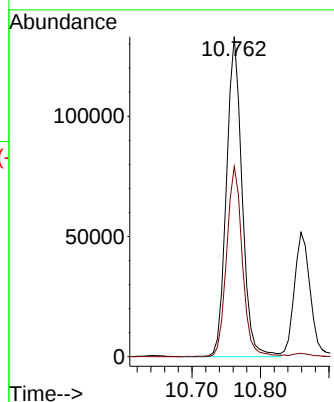
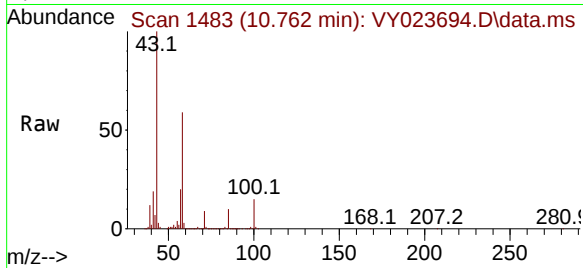




#59
2-Hexanone
Concen: 108.695 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

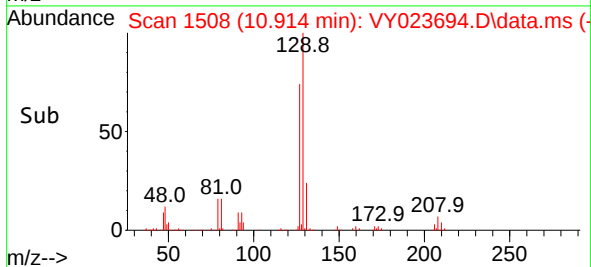
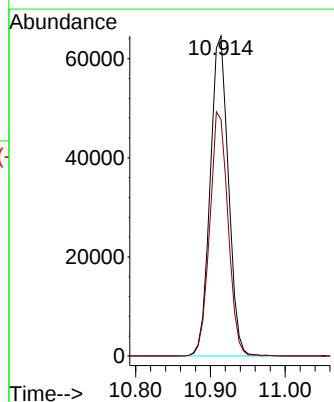
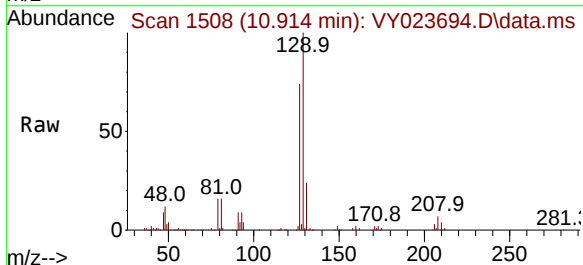
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

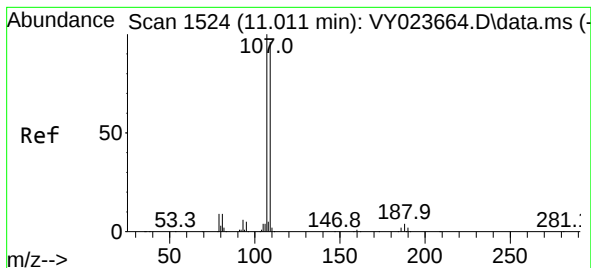
Tgt Ion: 43 Resp: 210576
Ion Ratio Lower Upper
43 100
58 59.4 30.2 90.6



#60
Dibromochloromethane
Concen: 20.111 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 129 Resp: 109268
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2

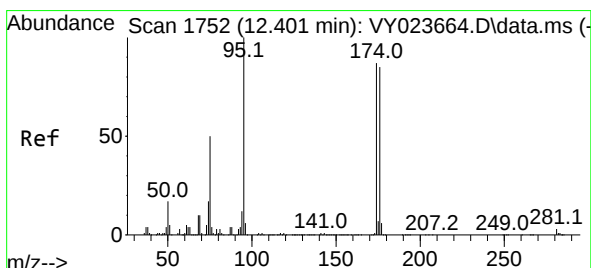
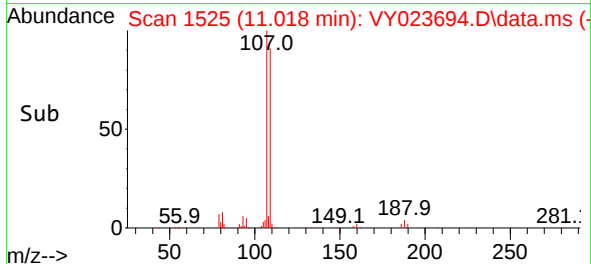
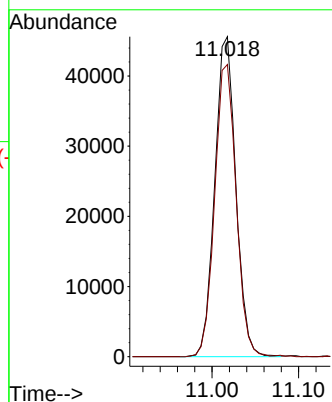
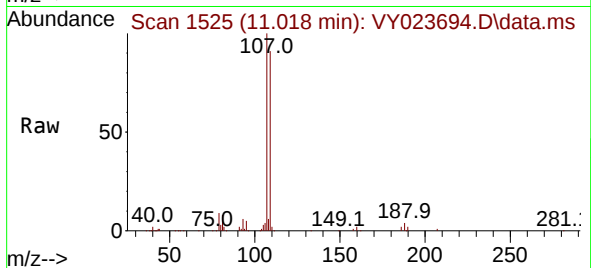




#61
1,2-Dibromoethane
Concen: 20.777 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

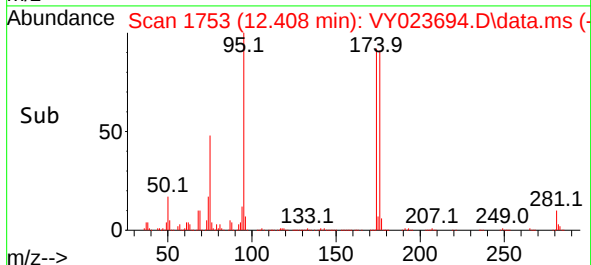
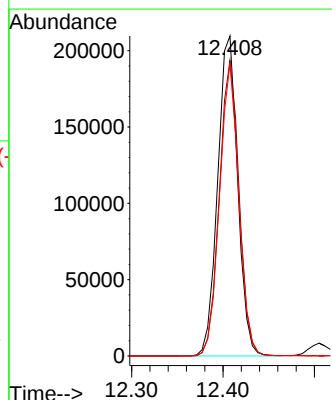
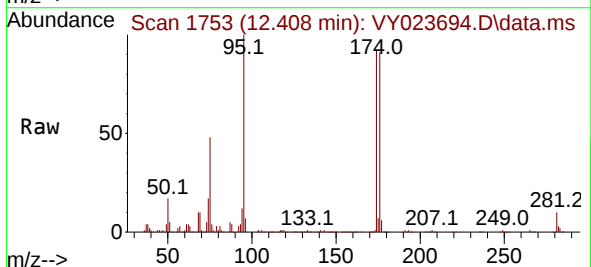
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

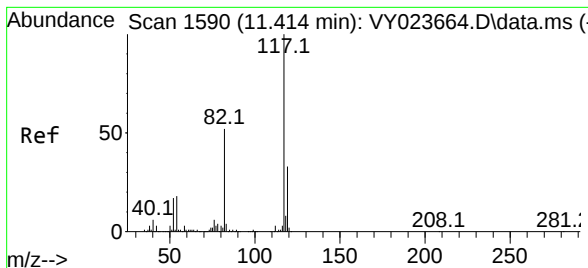
Tgt Ion:107 Resp: 77104
Ion Ratio Lower Upper
107 100
109 92.9 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 51.574 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 95 Resp: 319171
Ion Ratio Lower Upper
95 100
174 91.2 0.0 184.8
176 88.0 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

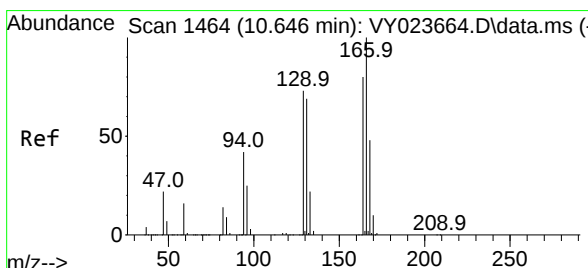
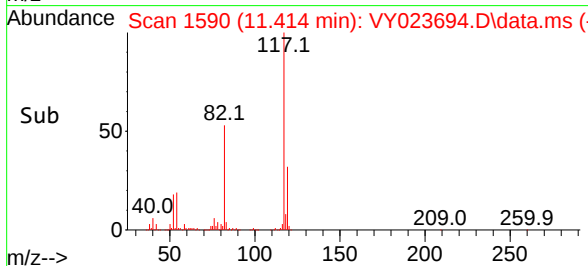
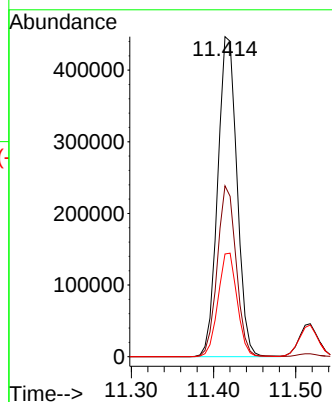
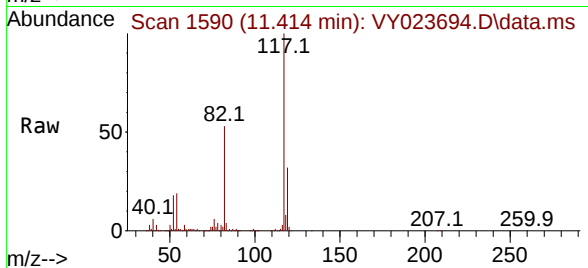
Tgt Ion:117 Resp: 728273

Ion Ratio Lower Upper

117 100

82 53.4 41.2 61.8

119 32.1 26.2 39.2



#64

Tetrachloroethene

Concen: 19.825 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Tgt Ion:164 Resp: 150279

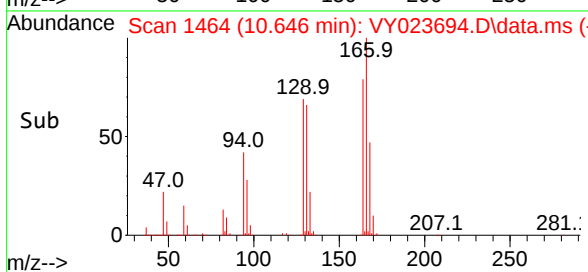
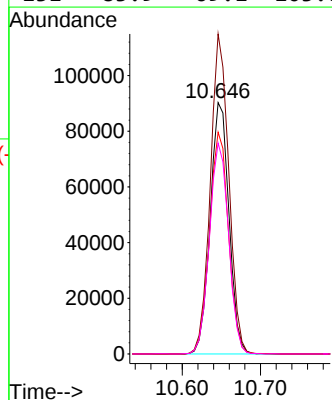
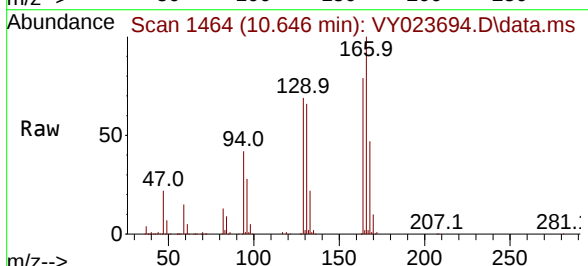
Ion Ratio Lower Upper

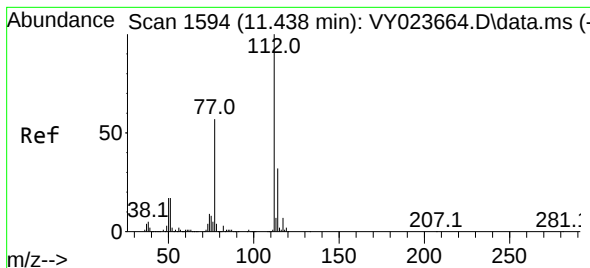
164 100

166 127.3 99.5 149.3

129 88.2 72.3 108.5

131 83.9 69.1 103.7





#65

Chlorobenzene

Concen: 19.889 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

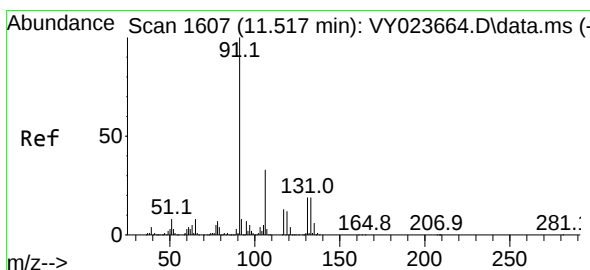
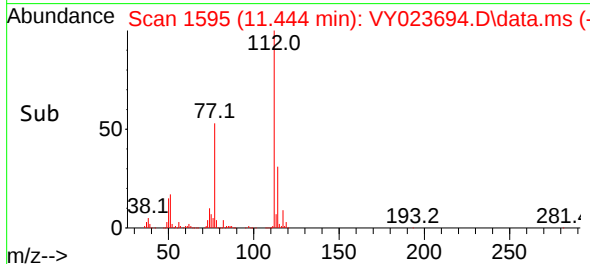
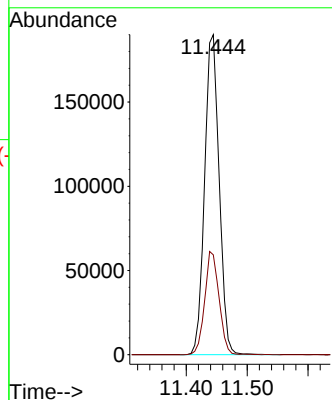
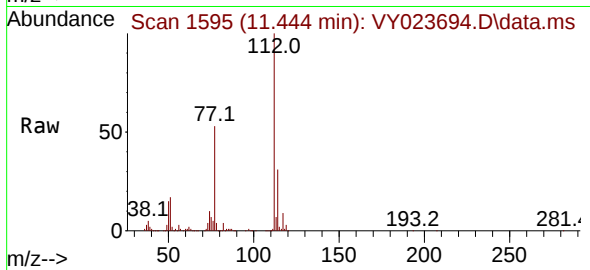
VY1106SBS01

Tgt Ion:112 Resp: 315324

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.767 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

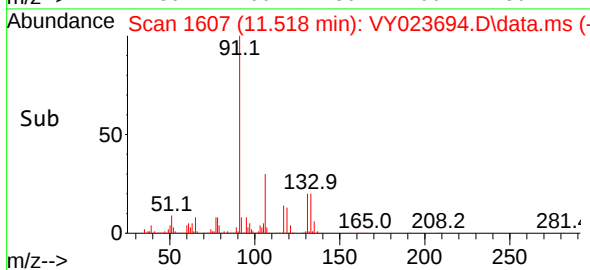
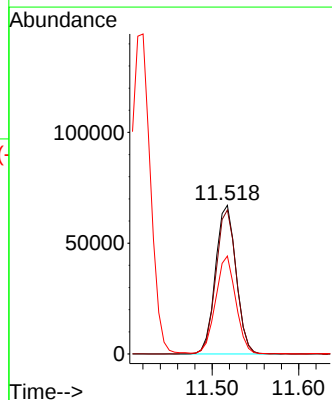
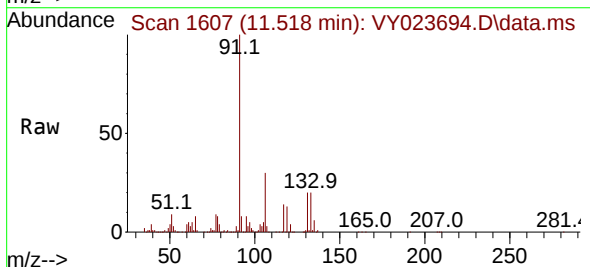
Tgt Ion:131 Resp: 110820

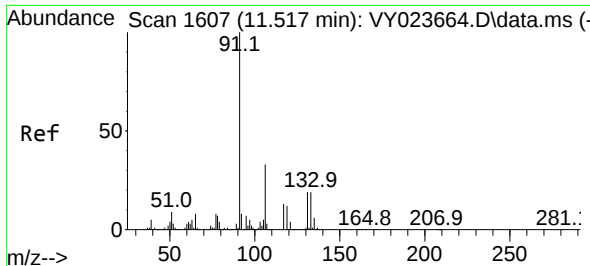
Ion Ratio Lower Upper

131 100

133 96.3 47.3 141.8

119 64.8 32.5 97.4





#67

Ethyl Benzene

Concen: 19.883 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

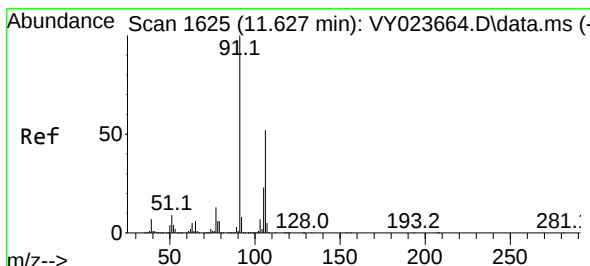
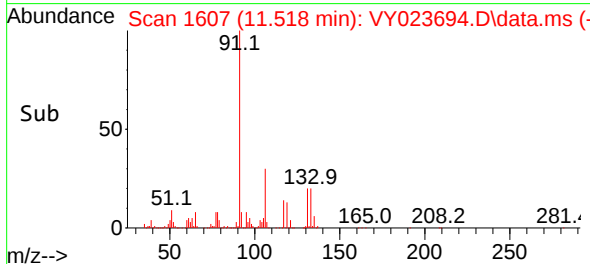
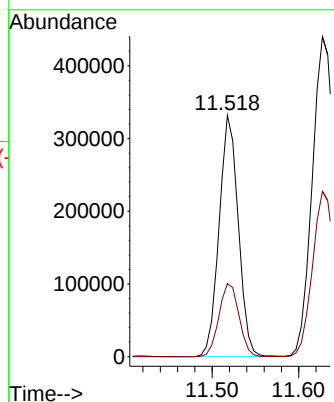
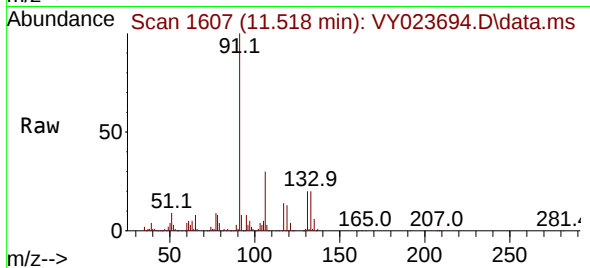
VY1106SBS01

Tgt Ion: 91 Resp: 510207

Ion Ratio Lower Upper

91 100

106 30.3 26.6 40.0



#68

m/p-Xylenes

Concen: 40.142 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023694.D

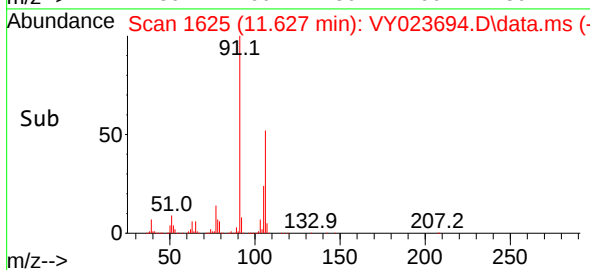
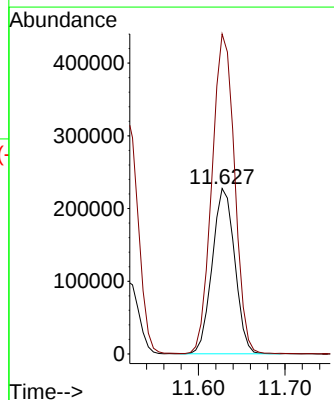
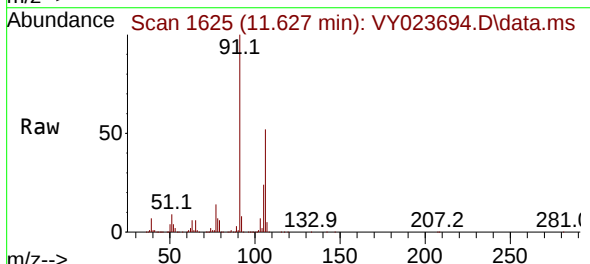
Acq: 06 Nov 2025 09:44

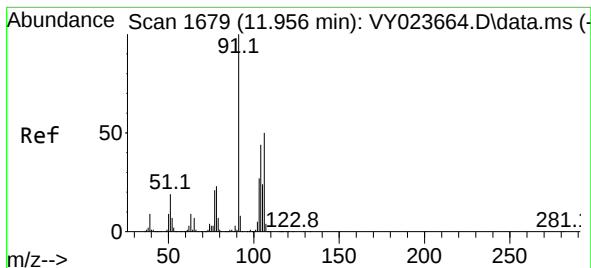
Tgt Ion: 106 Resp: 411539

Ion Ratio Lower Upper

106 100

91 194.5 154.3 231.5

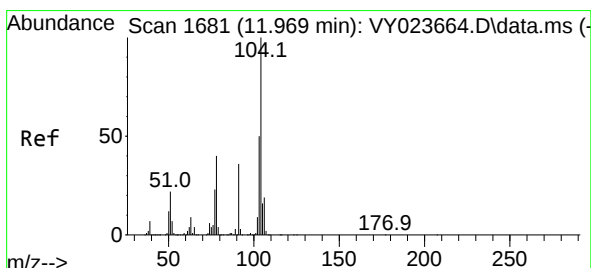
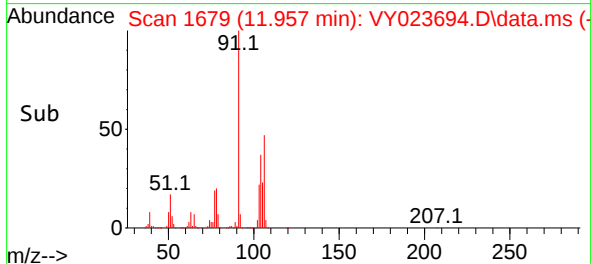
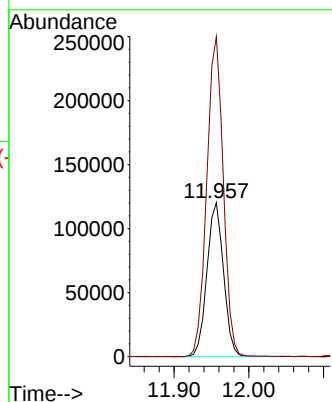
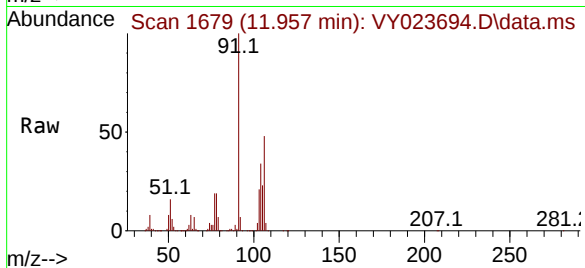




#69
o-Xylene
Concen: 19.603 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

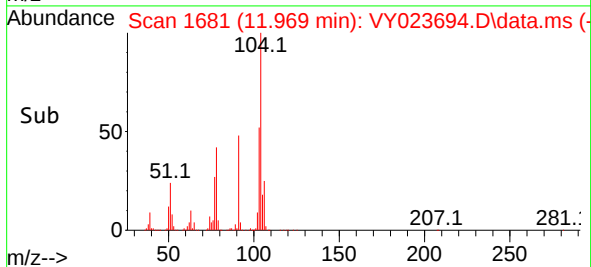
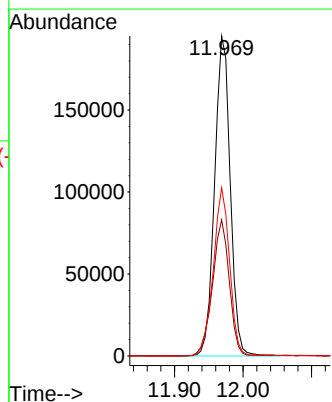
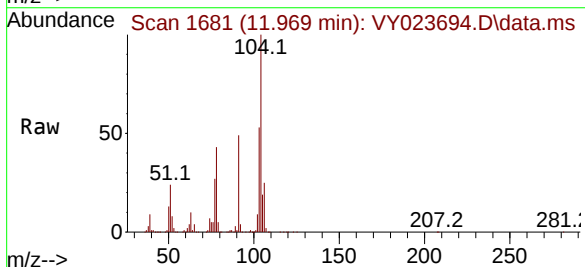
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

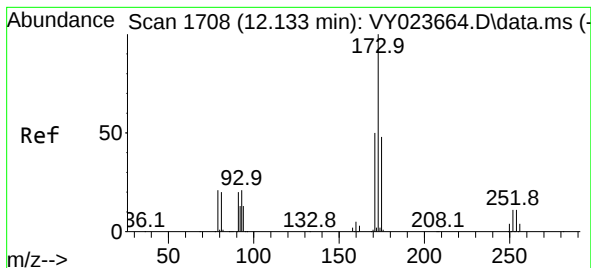
Tgt Ion:106 Resp: 185778
Ion Ratio Lower Upper
106 100
91 207.2 101.6 304.6



#70
Styrene
Concen: 19.796 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion:104 Resp: 309544
Ion Ratio Lower Upper
104 100
78 45.9 36.5 54.7
103 55.0 43.7 65.5





#71

Bromoform

Concen: 19.885 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

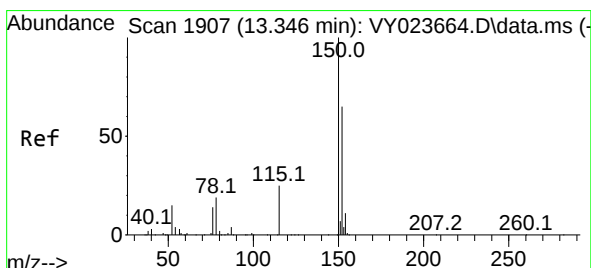
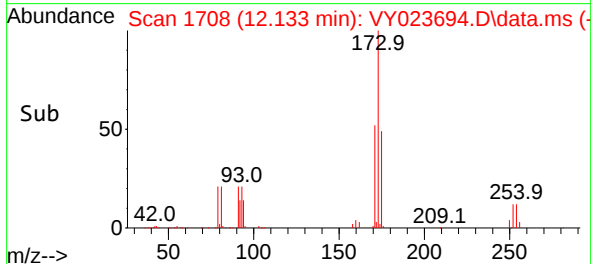
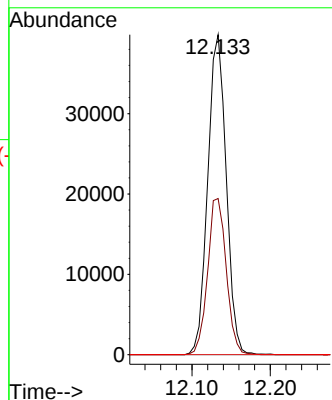
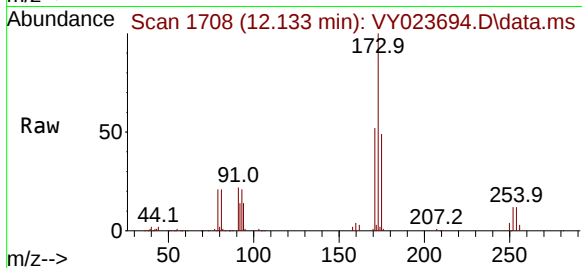
Tgt Ion:173 Resp: 65110

Ion Ratio Lower Upper

173 100

175 49.3 24.2 72.6

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

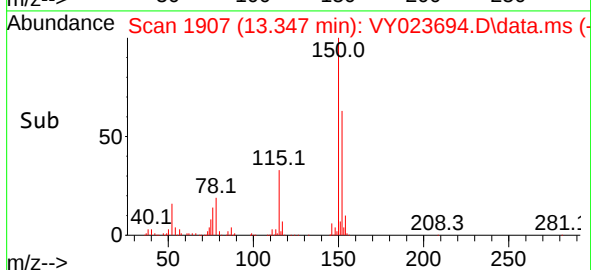
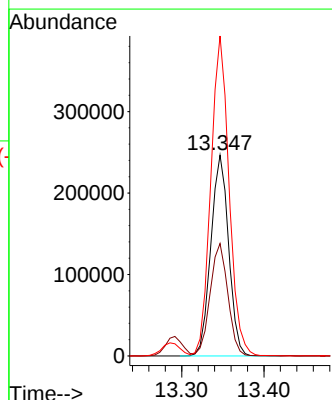
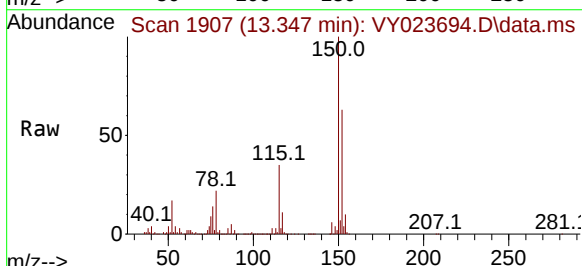
Tgt Ion:152 Resp: 370507

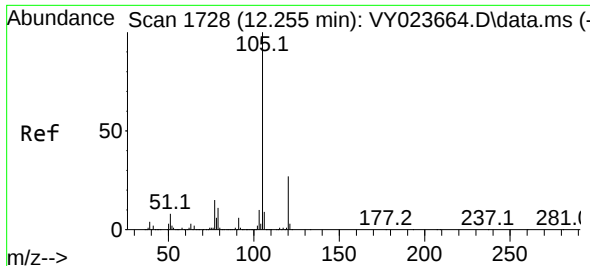
Ion Ratio Lower Upper

152 100

115 55.5 27.5 82.5

150 163.4 0.0 349.0

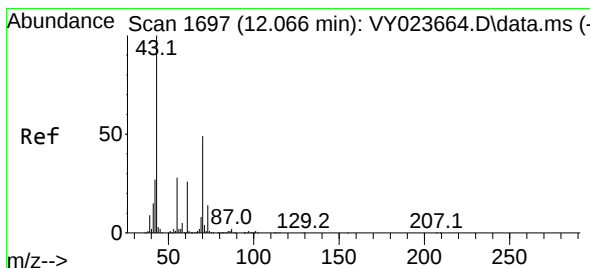
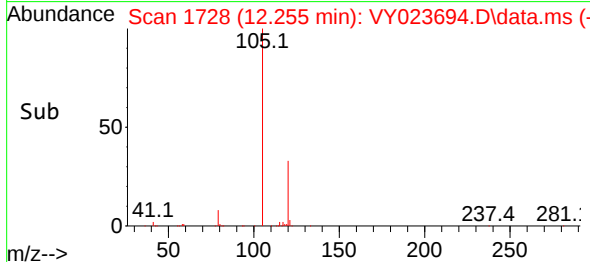
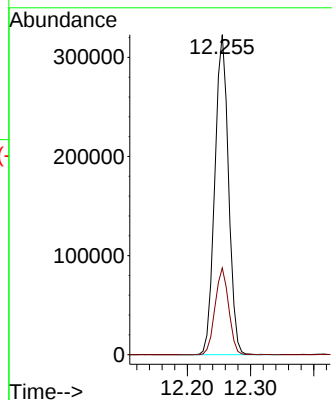
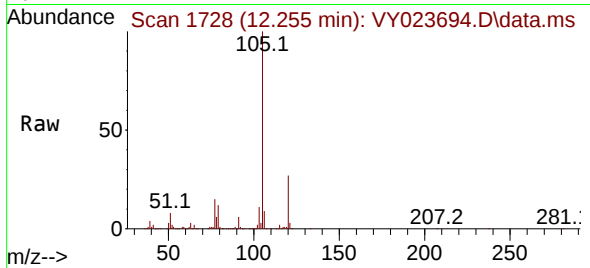




#73
Isopropylbenzene
Concen: 19.617 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

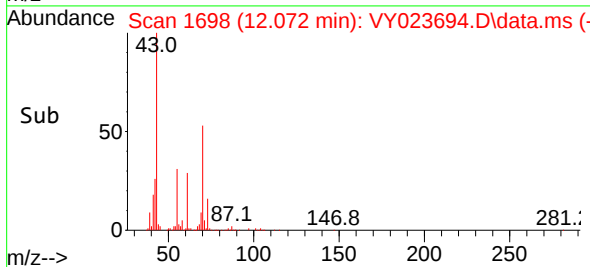
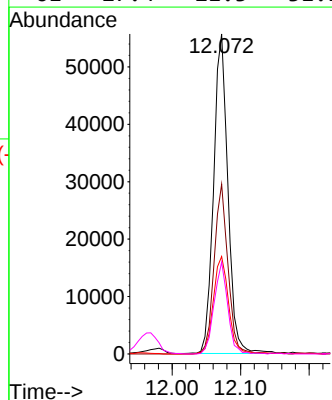
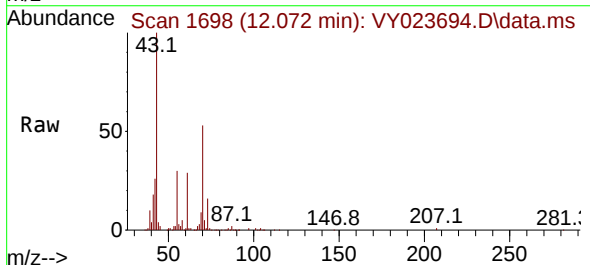
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

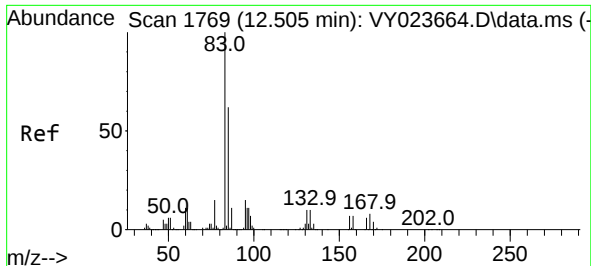
Tgt Ion:105 Resp: 486116
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7



#74
N-ethyl acetate
Concen: 19.225 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 43 Resp: 80659
Ion Ratio Lower Upper
43 100
70 51.4 40.1 60.1
55 32.6 23.0 34.6
61 27.4 21.3 31.9

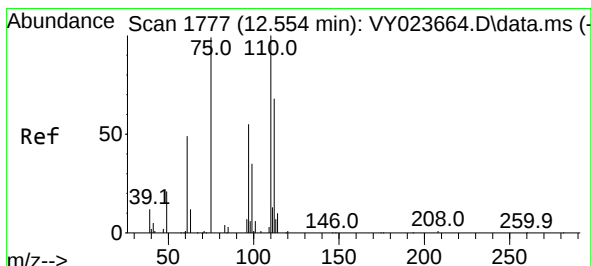
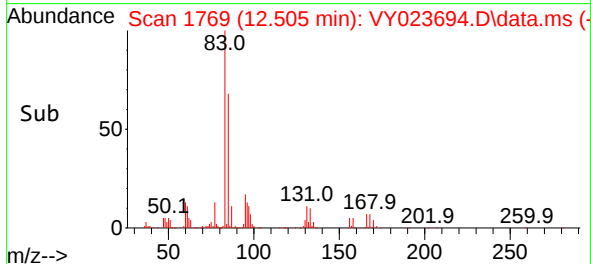
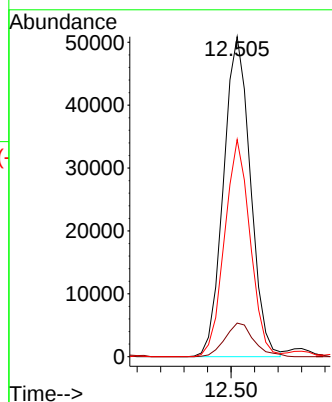
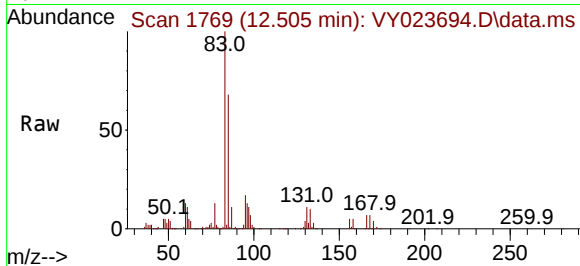




#75
1,1,2,2-Tetrachloroethane
Concen: 20.465 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

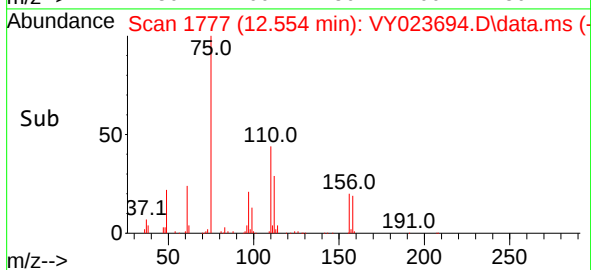
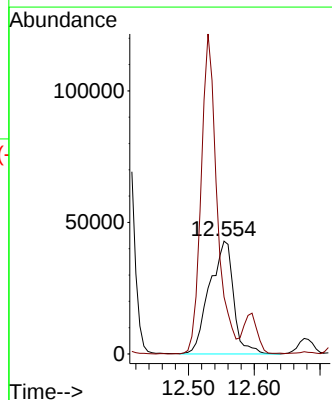
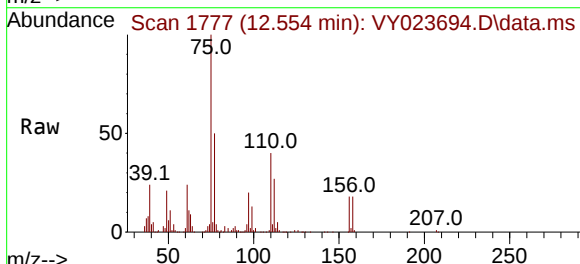
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

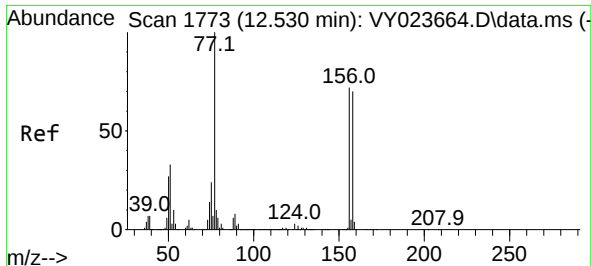
Tgt Ion: 83 Resp: 80993
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.0
85 64.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 36.380 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 75 Resp: 109087
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

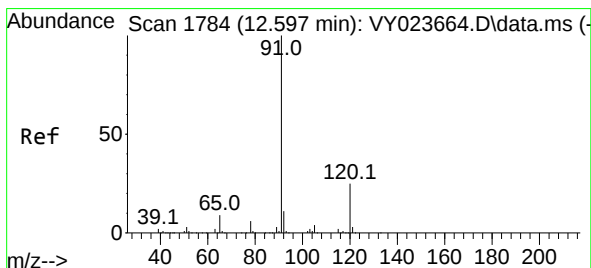
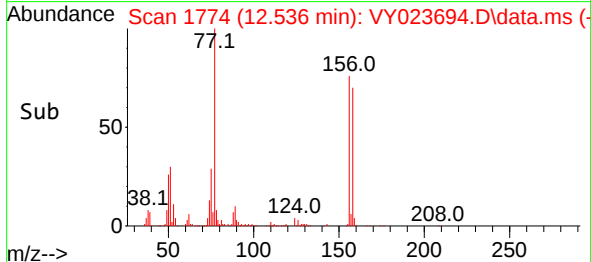
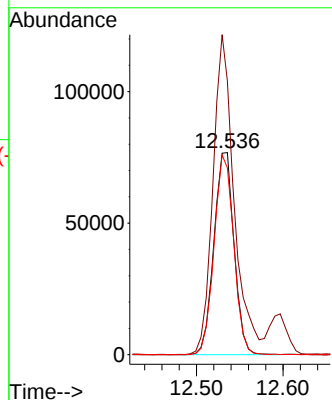
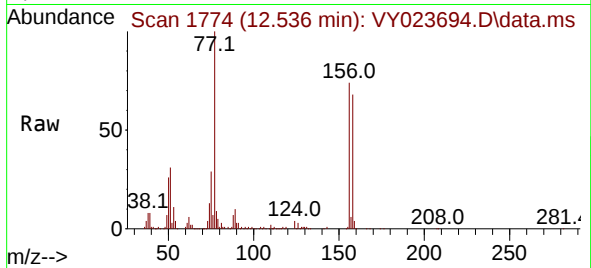




#77
Bromobenzene
Concen: 19.331 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

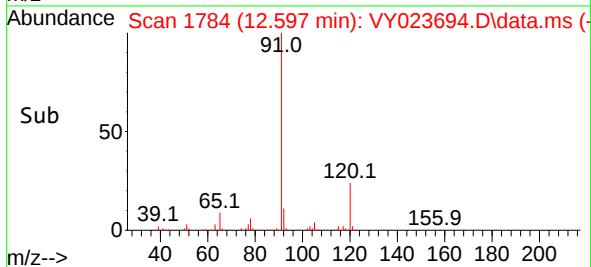
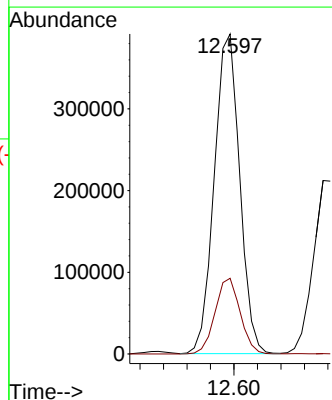
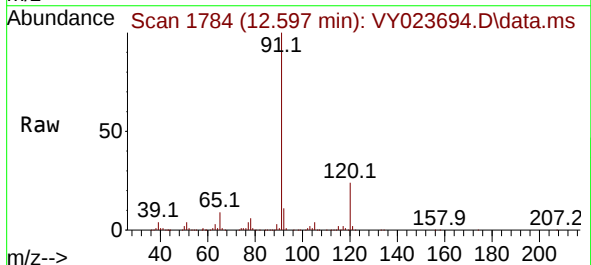
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

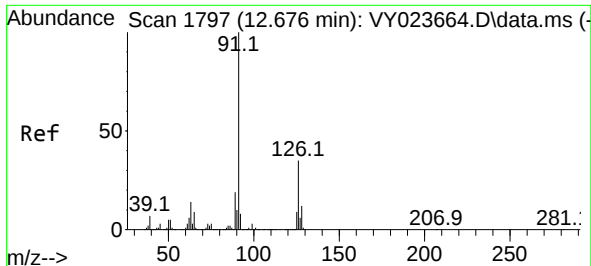
Tgt Ion:156 Resp: 124256
Ion Ratio Lower Upper
156 100
77 165.1 77.9 233.7
158 96.2 48.5 145.5



#78
n-propylbenzene
Concen: 20.167 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 91 Resp: 587824
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.1





#79

2-Chlorotoluene

Concen: 19.871 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

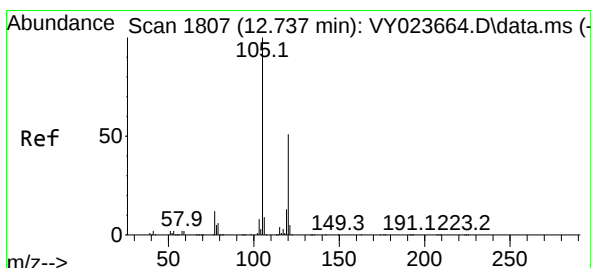
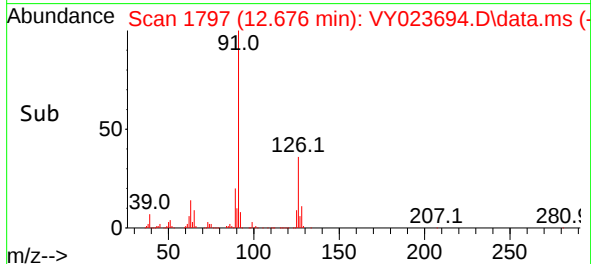
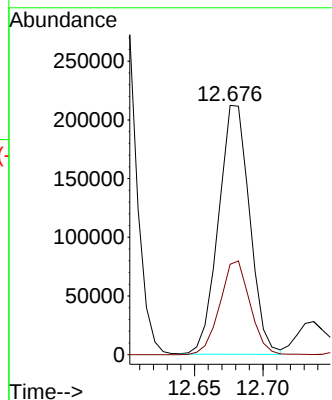
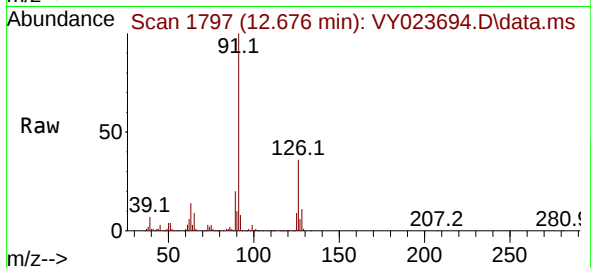
VY1106SBS01

Tgt Ion: 91 Resp: 336096

Ion Ratio Lower Upper

91 100

126 36.5 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 20.192 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY023694.D

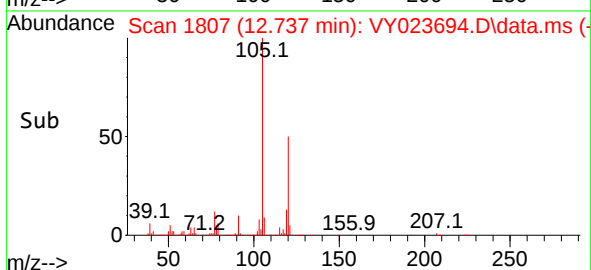
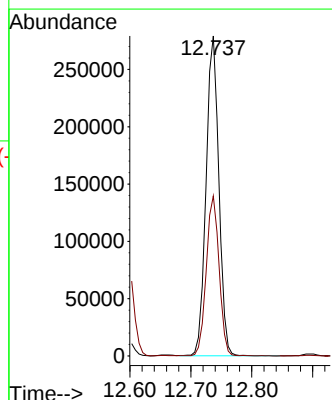
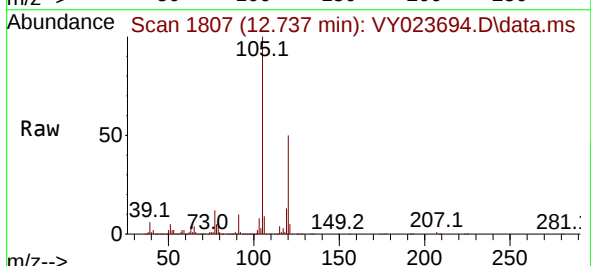
Acq: 06 Nov 2025 09:44

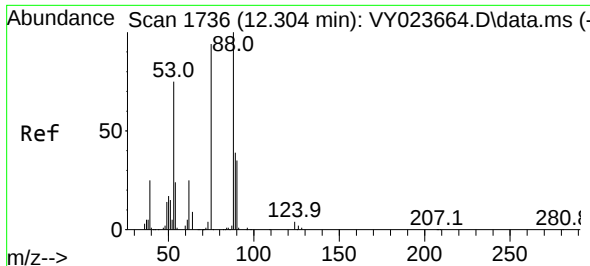
Tgt Ion: 105 Resp: 406541

Ion Ratio Lower Upper

105 100

120 50.0 25.4 76.2

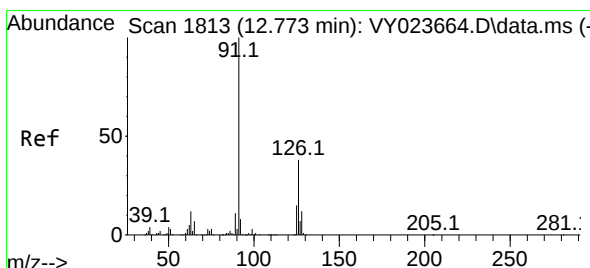
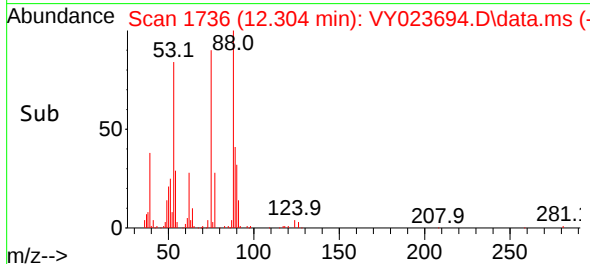
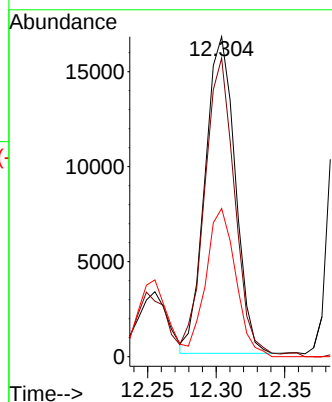
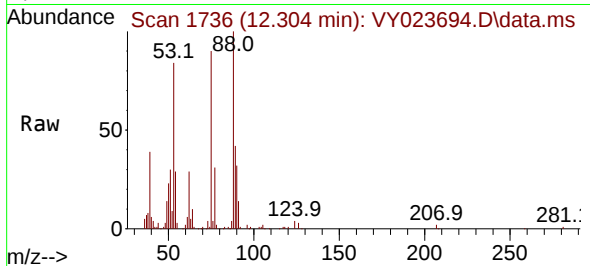




#81
trans-1,4-Dichloro-2-butene
Concen: 19.148 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

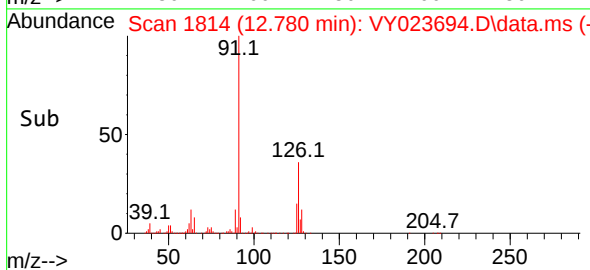
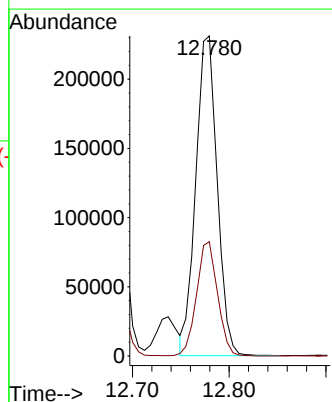
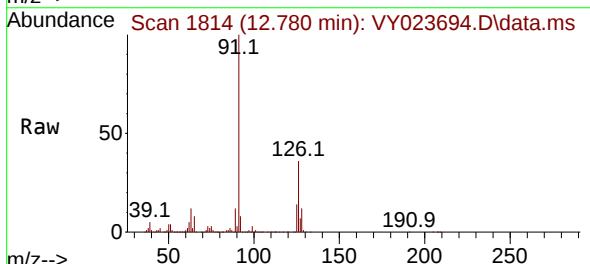
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

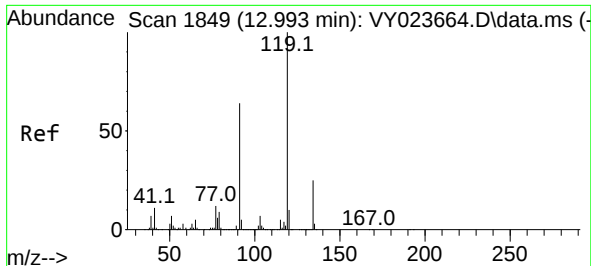
Tgt Ion: 75 Resp: 25406
Ion Ratio Lower Upper
75 100
53 94.9 69.6 104.4
89 46.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.434 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion: 91 Resp: 356437
Ion Ratio Lower Upper
91 100
126 35.1 18.1 54.4

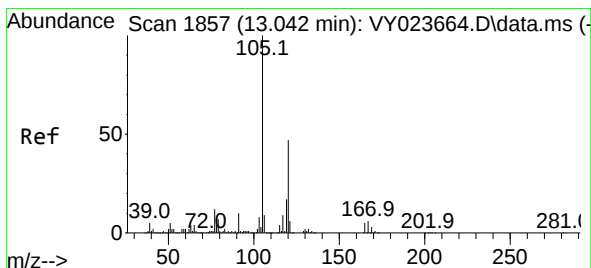
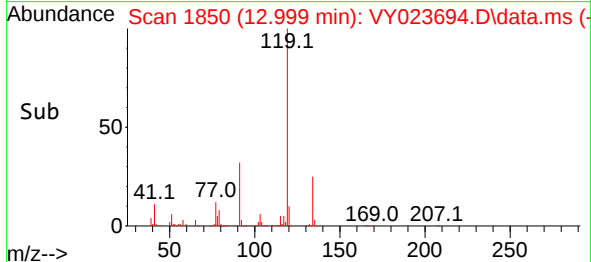
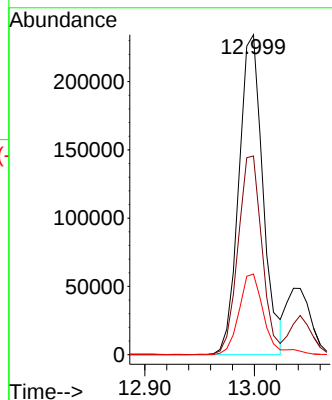
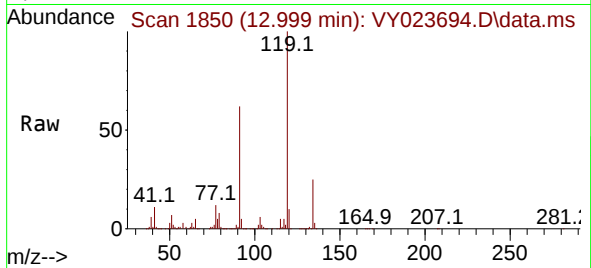




#83
tert-Butylbenzene
Concen: 19.507 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

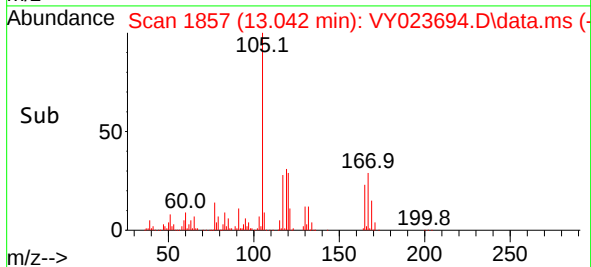
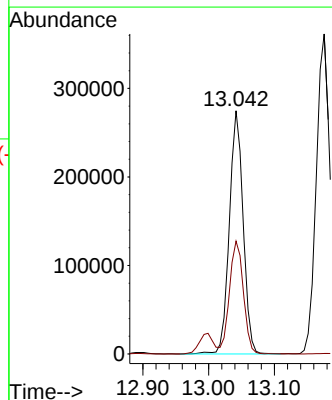
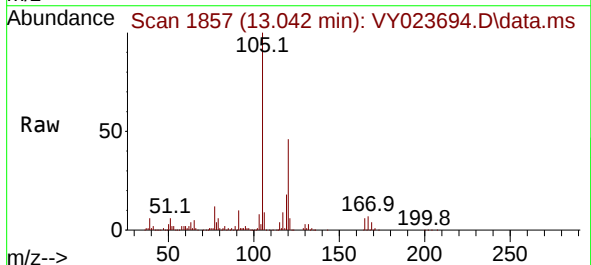
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

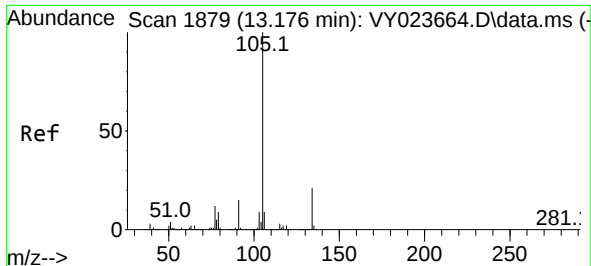
Tgt Ion:119 Resp: 357699
Ion Ratio Lower Upper
119 100
91 61.8 30.7 92.1
134 26.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 20.108 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023694.D
Acq: 06 Nov 2025 09:44

Tgt Ion:105 Resp: 400981
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

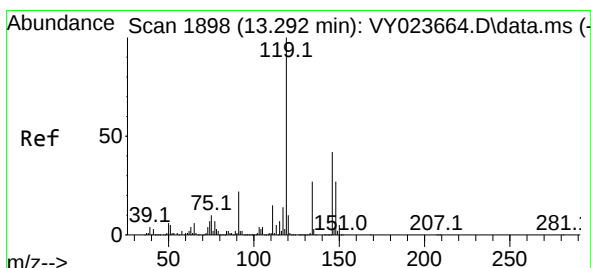
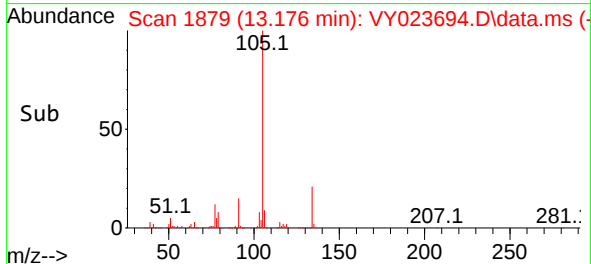
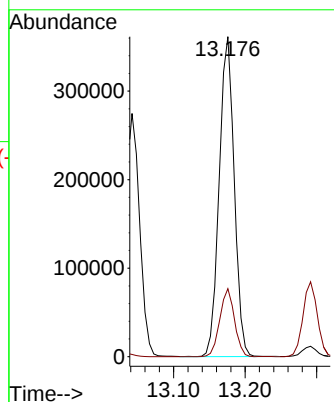
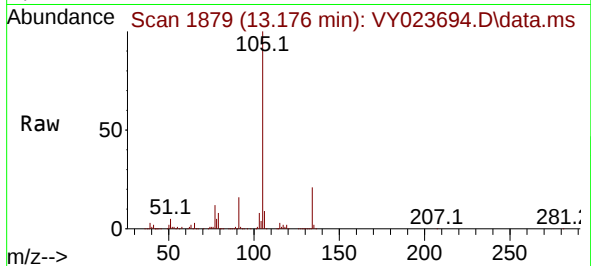




#85
 sec-Butylbenzene
 Concen: 19.941 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

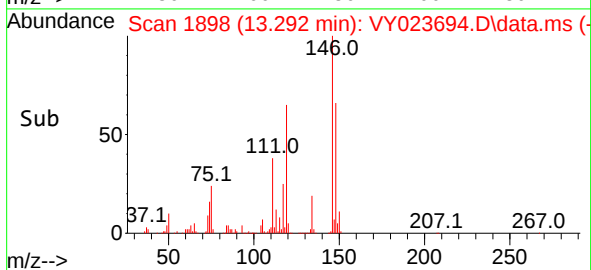
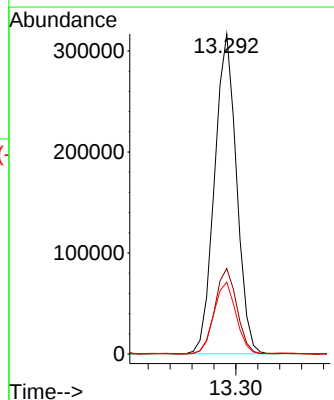
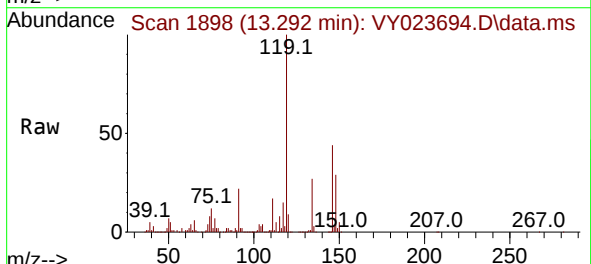
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

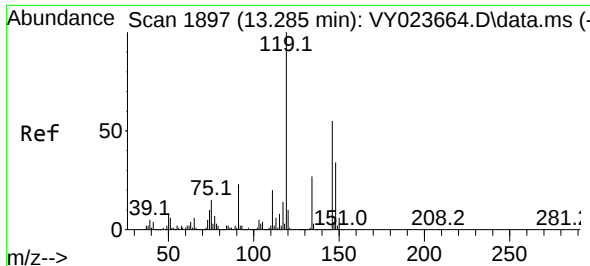
Tgt Ion:105 Resp: 527410
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.713 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

Tgt Ion:119 Resp: 441370
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.5 11.1 33.1

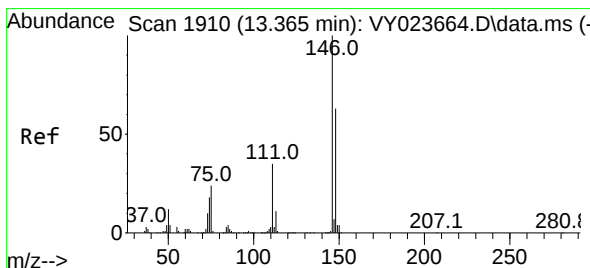
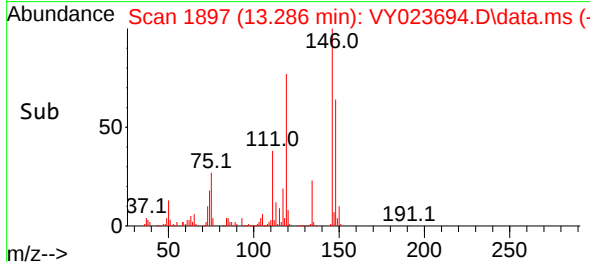
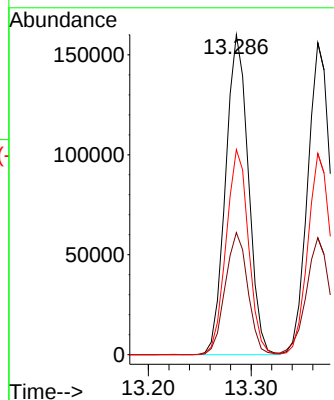
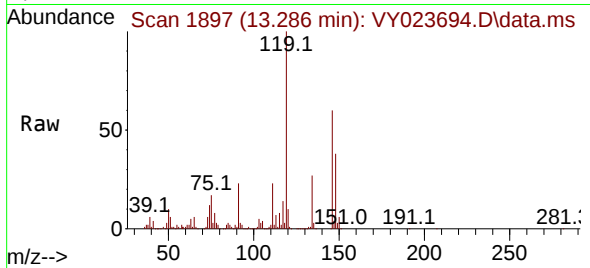




#87
 1,3-Dichlorobenzene
 Concen: 19.465 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

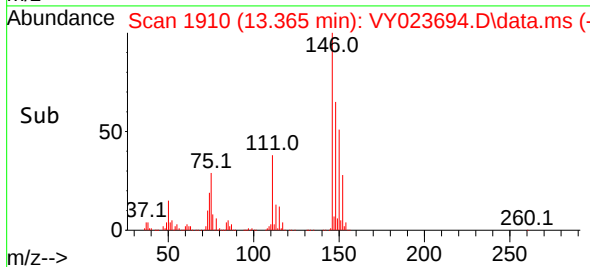
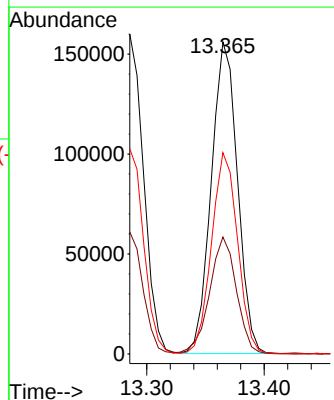
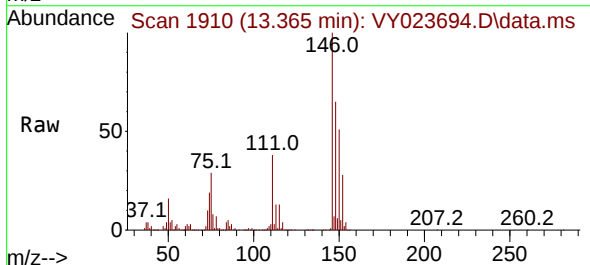
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

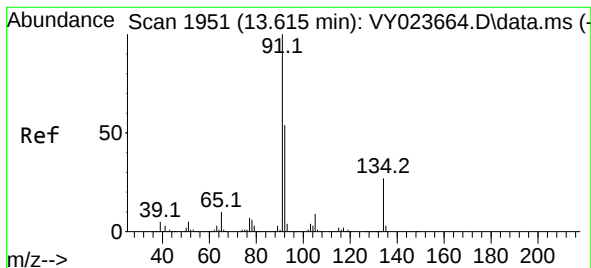
Tgt Ion:146 Resp: 246260
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.8 56.3
 148 63.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.444 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

Tgt Ion:146 Resp: 241645
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.3 54.8
 148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 19.533 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

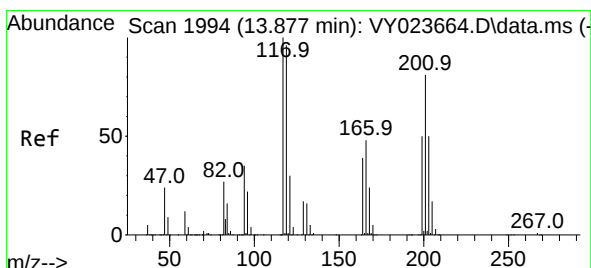
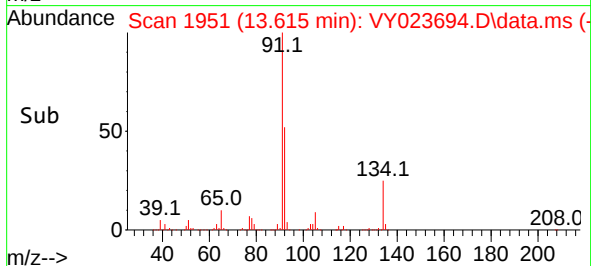
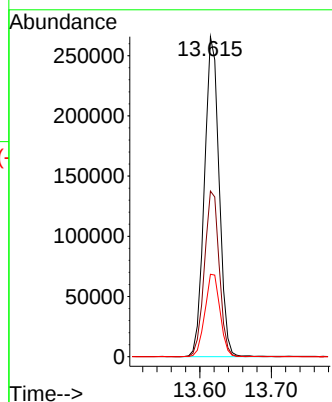
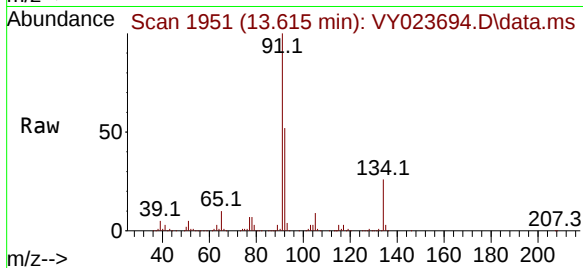
Tgt Ion: 91 Resp: 380306

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.4

134 26.5 13.7 41.1



#90

Hexachloroethane

Concen: 19.234 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023694.D

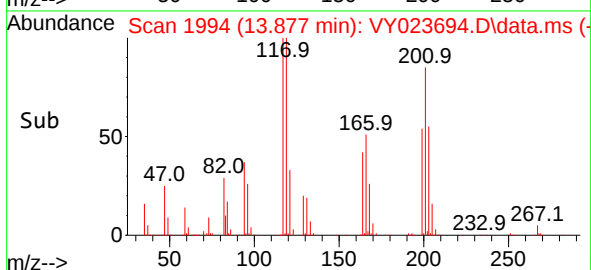
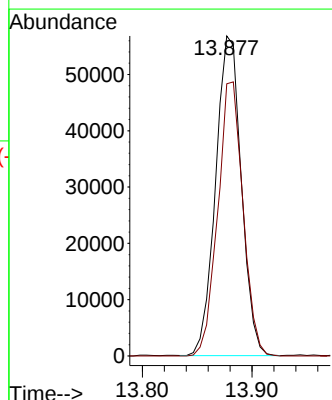
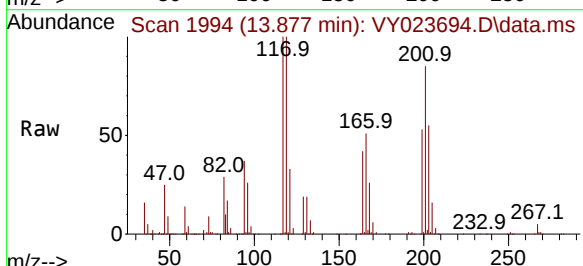
Acq: 06 Nov 2025 09:44

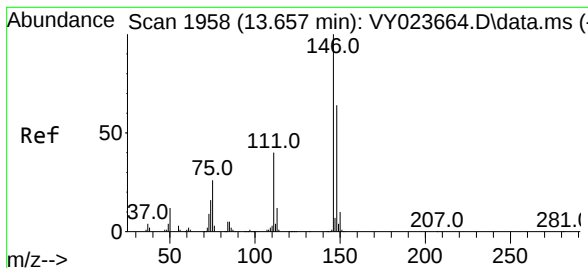
Tgt Ion: 117 Resp: 92548

Ion Ratio Lower Upper

117 100

201 84.1 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 19.684 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

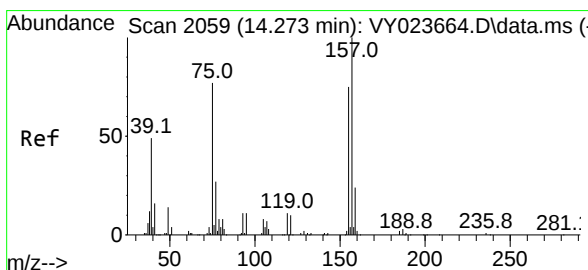
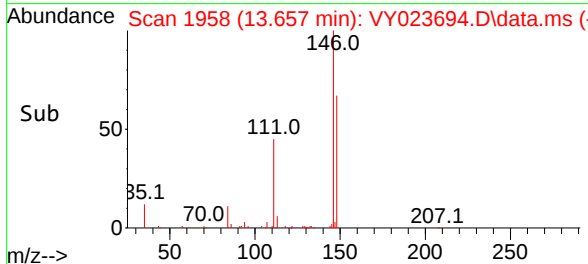
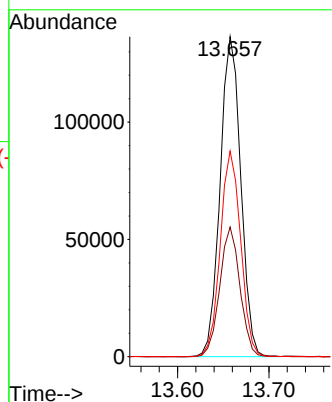
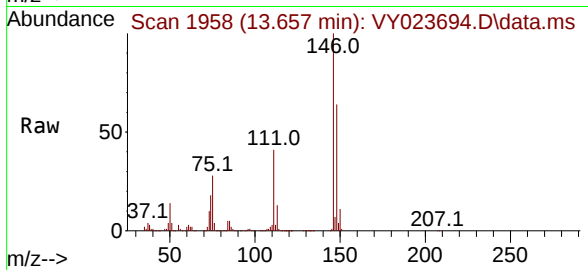
Tgt Ion:146 Resp: 214611

Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

148 63.4 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.960 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

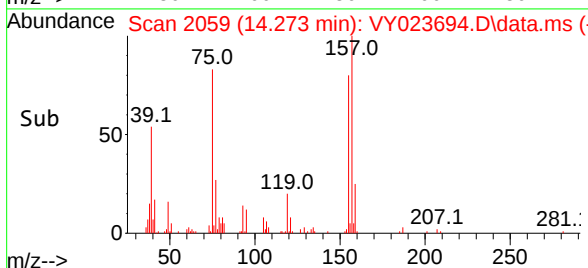
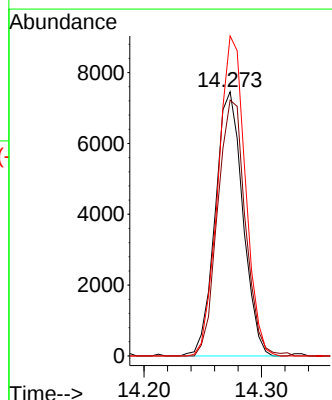
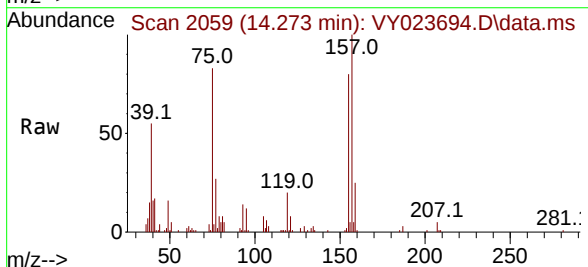
Tgt Ion: 75 Resp: 12163

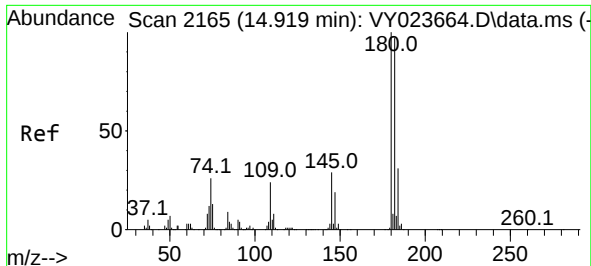
Ion Ratio Lower Upper

75 100

155 97.4 49.4 148.2

157 119.0 63.2 189.8

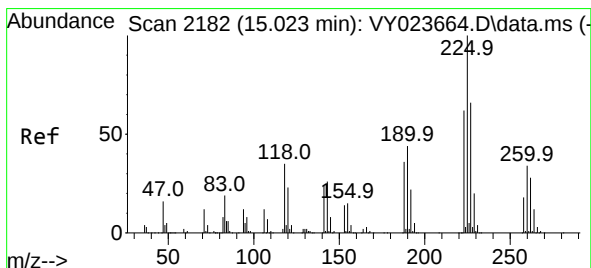
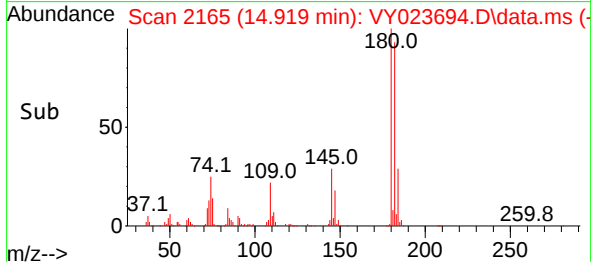
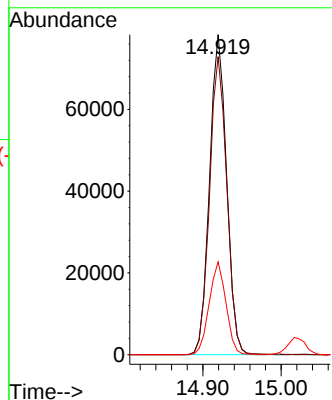
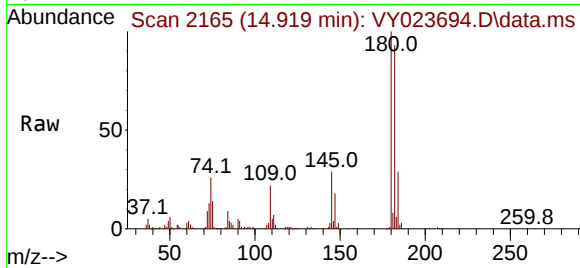




#93
 1,2,4-Trichlorobenzene
 Concen: 18.912 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

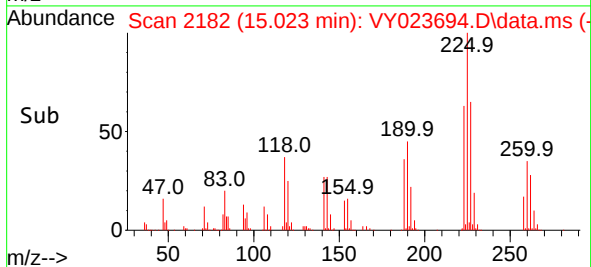
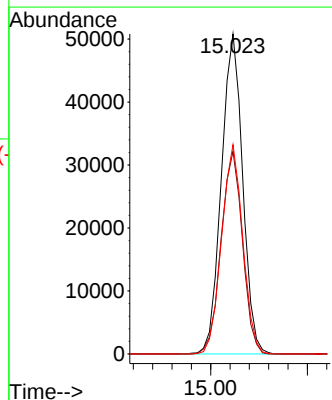
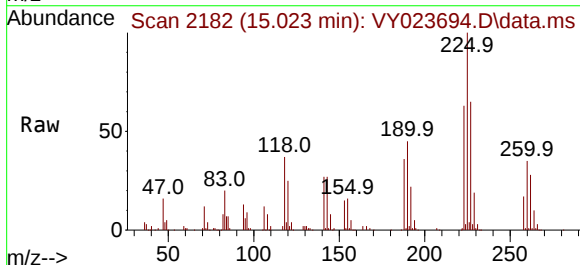
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

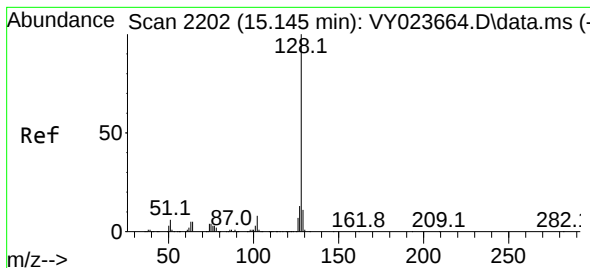
Tgt Ion:180 Resp: 117937
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.6
 145 28.6 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 18.932 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY023694.D
 Acq: 06 Nov 2025 09:44

Tgt Ion:225 Resp: 77357
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.8 92.3
 227 65.0 32.0 96.2





#95

Naphthalene

Concen: 19.242 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

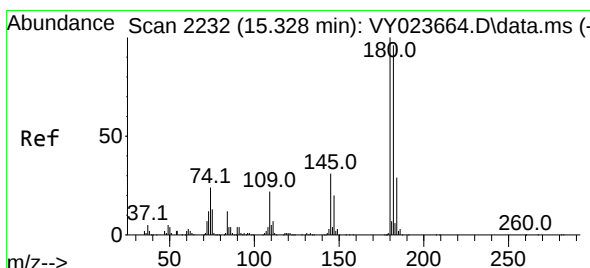
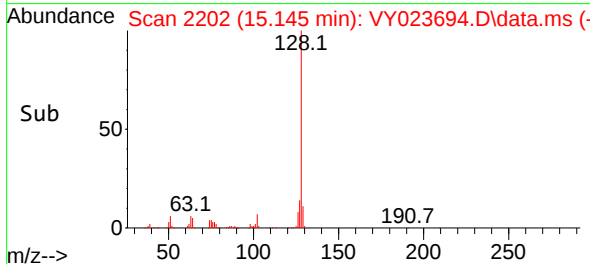
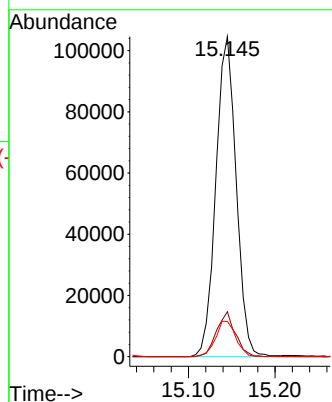
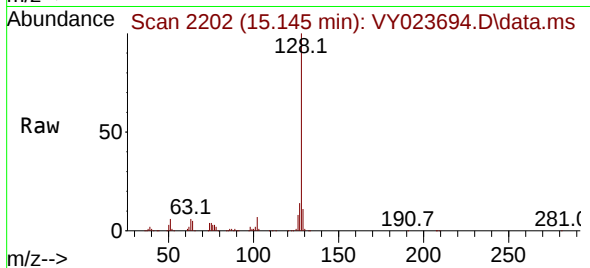
Tgt Ion:128 Resp: 170346

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.551 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023694.D

Acq: 06 Nov 2025 09:44

Tgt Ion:180 Resp: 101868

Ion Ratio Lower Upper

180 100

182 93.9 47.5 142.6

145 31.1 15.5 46.5

