

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023681.D
 Acq On : 05 Nov 2025 10:27
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Quant Time: Nov 06 03:26:11 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	549402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	815577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	711939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	362731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	236173	50.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.634	113	255886	50.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.420%	
50) Toluene-d8	10.109	98	983394	51.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.407	95	316262	51.509	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.020%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	77357	21.450	ug/l	100
3) Chloromethane	2.074	50	107933	21.387	ug/l	99
4) Vinyl Chloride	2.208	62	133661	20.353	ug/l	99
5) Bromomethane	2.592	94	117095	21.198	ug/l	98
6) Chloroethane	2.738	64	92972	20.484	ug/l	98
7) Trichlorofluoromethane	3.055	101	190082	20.552	ug/l	99
8) Diethyl Ether	3.452	74	48496	19.553	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	105760	20.755	ug/l	99
10) Methyl Iodide	4.007	142	106040	17.622	ug/l	99
11) Tert butyl alcohol	4.854	59	39585	130.996	ug/l	99
12) 1,1-Dichloroethene	3.793	96	98296	20.025	ug/l	98
13) Acrolein	3.653	56	40917	105.346	ug/l	99
14) Allyl chloride	4.385	41	121652	20.361	ug/l	99
15) Acrylonitrile	5.061	53	96116	101.406	ug/l	97
16) Acetone	3.872	43	125223	107.496	ug/l	98
17) Carbon Disulfide	4.110	76	311893	20.702	ug/l	99
18) Methyl Acetate	4.385	43	48174	18.749	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	226044	19.859	ug/l	96
20) Methylene Chloride	4.616	84	117278	20.855	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	113785	20.559	ug/l	97
22) Diisopropyl ether	6.018	45	278093	20.888	ug/l	96
23) Vinyl Acetate	5.964	43	727385	102.383	ug/l	100
24) 1,1-Dichloroethane	5.915	63	179911	20.285	ug/l	98
25) 2-Butanone	6.896	43	140533	104.342	ug/l	100
26) 2,2-Dichloropropane	6.884	77	170977	20.957	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	125484	19.852	ug/l	96
28) Bromochloromethane	7.244	49	69828	20.562	ug/l	95
29) Tetrahydrofuran	7.268	42	68984	96.173	ug/l	98
30) Chloroform	7.421	83	199947	20.205	ug/l	97
31) Cyclohexane	7.707	56	156864	20.309	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	180320	20.388	ug/l	100
36) 1,1-Dichloropropene	7.841	75	139037	20.415	ug/l	99
37) Ethyl Acetate	6.988	43	51597	19.570	ug/l	99
38) Carbon Tetrachloride	7.817	117	164725	20.528	ug/l	97
39) Methylcyclohexane	9.109	83	172959	19.875	ug/l	98
40) Benzene	8.079	78	444791	20.719	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	70546	49.019	ug/l #	31
42) 1,2-Dichloroethane	8.158	62	110115	20.274	ug/l	99
43) Isopropyl Acetate	8.201	43	98865	19.957	ug/l	99
44) Trichloroethene	8.865	130	122824	19.920	ug/l	96
45) 1,2-Dichloropropane	9.140	63	95258	20.105	ug/l	96
46) Dibromomethane	9.231	93	58881	20.057	ug/l	99
47) Bromodichloromethane	9.426	83	149347	20.178	ug/l	99
48) Methyl methacrylate	9.219	41	45204	19.314	ug/l	99
49) 1,4-Dioxane	9.231	88	12188	405.683	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	261601	99.299	ug/l	100
52) Toluene	10.170	92	284696	20.772	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	123037	19.646	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	151848	20.237	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	79773	20.334	ug/l	94
56) Ethyl methacrylate	10.438	69	82311	19.042	ug/l	100
57) 1,3-Dichloropropane	10.719	76	124412	19.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	189252	95.413	ug/l	100
59) 2-Hexanone	10.761	43	196007	101.978	ug/l	98
60) Dibromochloromethane	10.914	129	106694	19.793	ug/l	100
61) 1,2-Dibromoethane	11.017	107	73733	20.026	ug/l	98
64) Tetrachloroethene	10.646	164	147519	19.908	ug/l	98
65) Chlorobenzene	11.444	112	314880	20.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	107849	19.679	ug/l	97
67) Ethyl Benzene	11.517	91	508281	20.263	ug/l	97
68) m/p-Xylenes	11.627	106	408721	40.782	ug/l	98
69) o-Xylene	11.956	106	182822	19.734	ug/l	96
70) Styrene	11.969	104	309154	20.225	ug/l	99
71) Bromoform	12.133	173	63326	19.784	ug/l #	99
73) Isopropylbenzene	12.255	105	484187	19.958	ug/l	100
74) N-amyl acetate	12.072	43	76109	18.530	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	76032	19.623	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	103208	35.157	ug/l #	100
77) Bromobenzene	12.536	156	125138	19.886	ug/l	97
78) n-propylbenzene	12.596	91	583608	20.452	ug/l	99
79) 2-Chlorotoluene	12.682	91	334508	20.201	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	402719	20.431	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	24549	18.899	ug/l	97
82) 4-Chlorotoluene	12.779	91	349743	20.480	ug/l	99
83) tert-Butylbenzene	12.999	119	355623	19.809	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	399396	20.458	ug/l	100
85) sec-Butylbenzene	13.176	105	527047	20.354	ug/l	100
86) p-Isopropyltoluene	13.291	119	440628	20.102	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	244964	19.778	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	239016	19.645	ug/l	98
89) n-Butylbenzene	13.615	91	379118	19.890	ug/l	99
90) Hexachloroethane	13.877	117	91984	19.527	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	211063	19.774	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11300	18.941	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	111597	18.279	ug/l	99
94) Hexachlorobutadiene	15.023	225	77450	19.361	ug/l	97
95) Naphthalene	15.145	128	155447	18.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	93740	18.377	ug/l	99

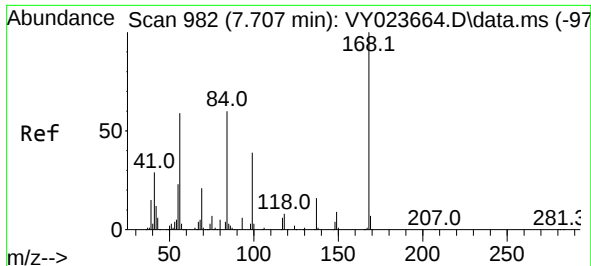
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Response via : Initial Calibration

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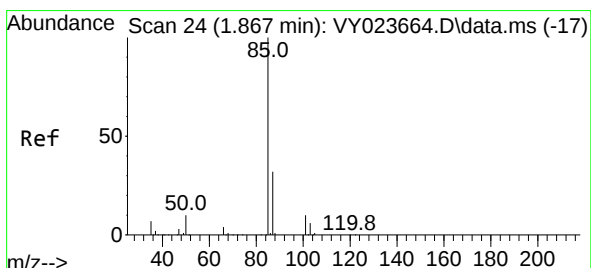
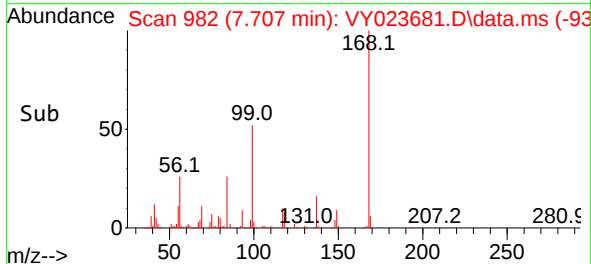
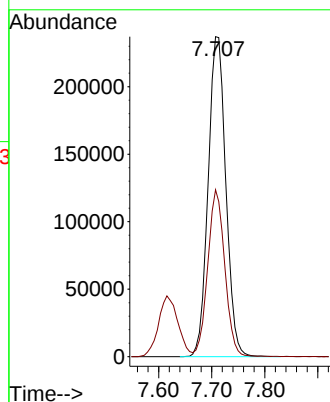
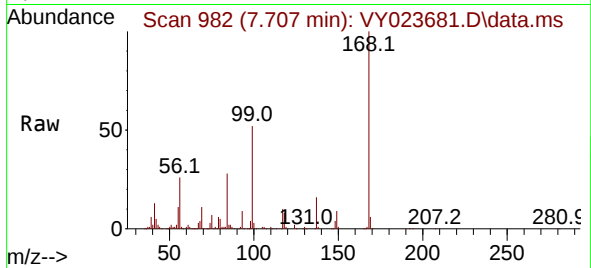
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

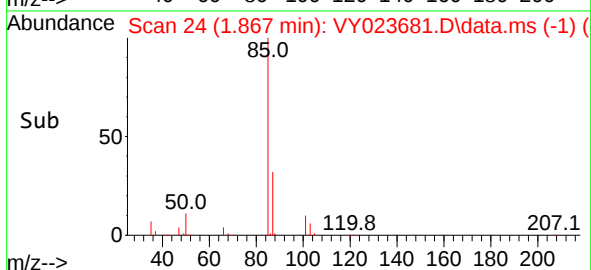
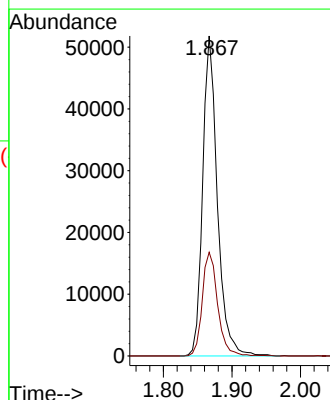
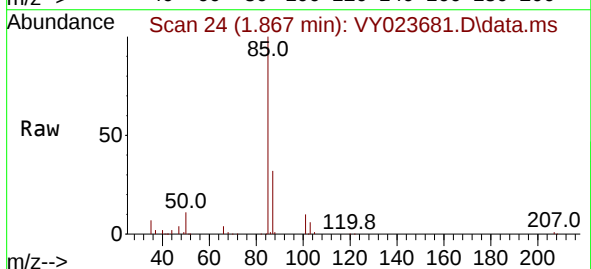
Instrument :
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ClientSampleId :
VY1105SBS01

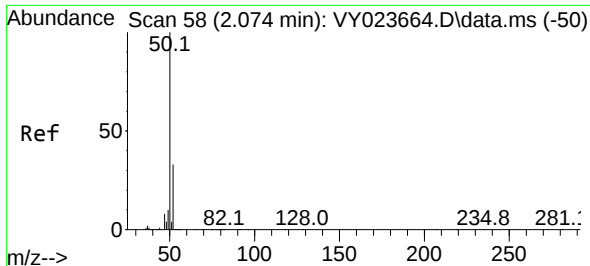
Tgt Ion:168 Resp: 549402
Ion Ratio Lower Upper
168 100
99 52.1 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 21.450 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 85 Resp: 77357
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

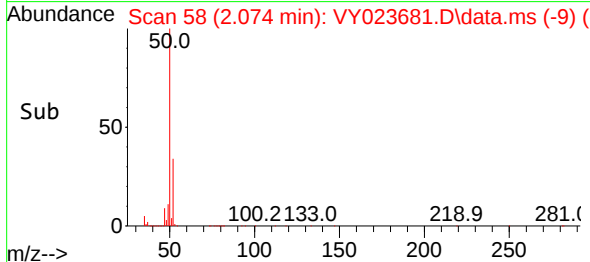
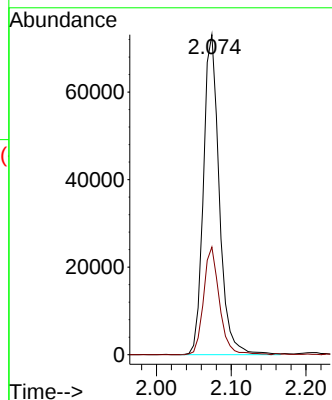
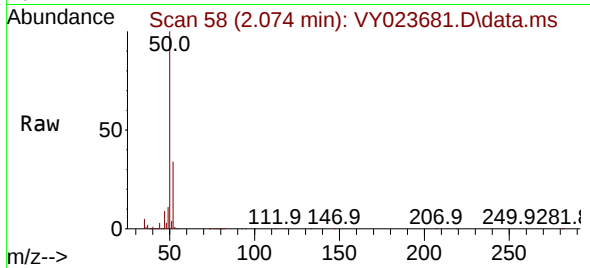




#3
Chloromethane
Concen: 21.387 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

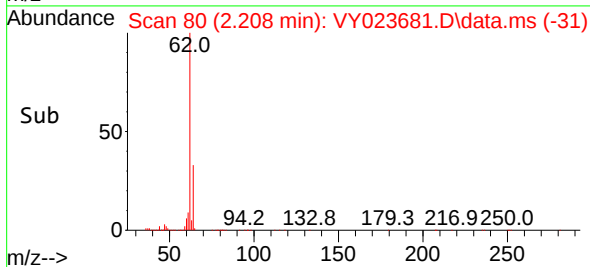
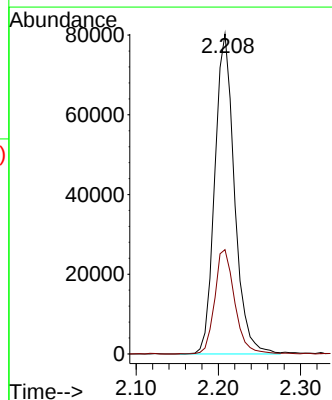
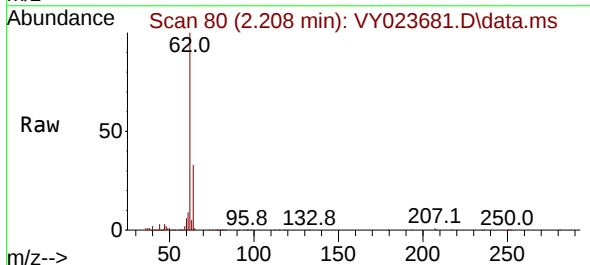
Instrument :
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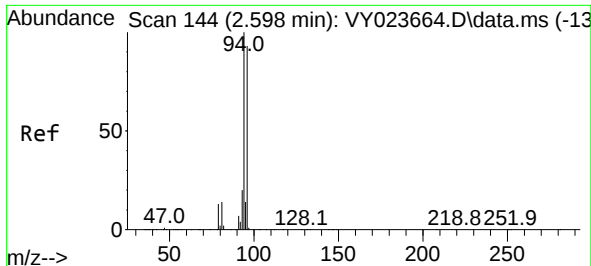
Tgt Ion: 50 Resp: 107933
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 20.353 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 62 Resp: 133661
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5

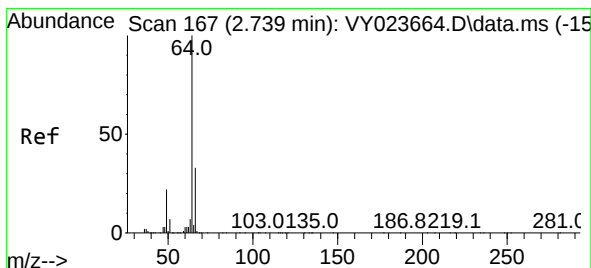
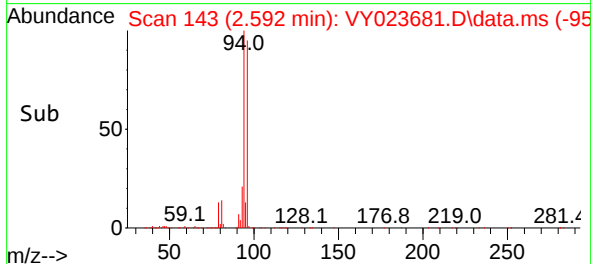
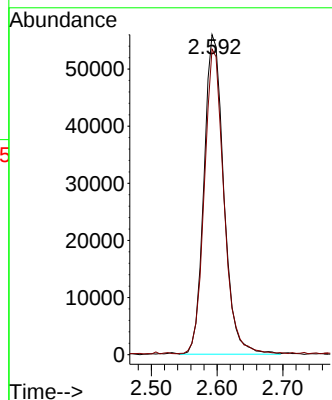
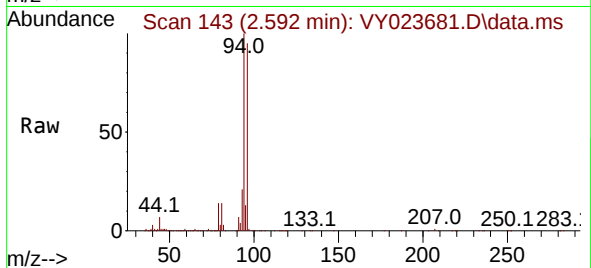




#5
Bromomethane
Concen: 21.198 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

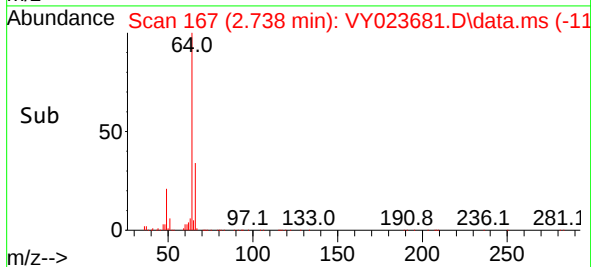
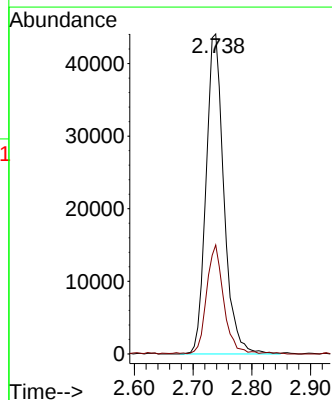
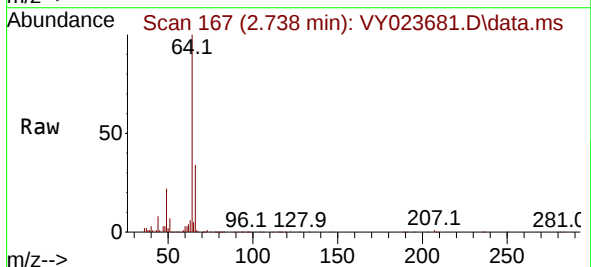
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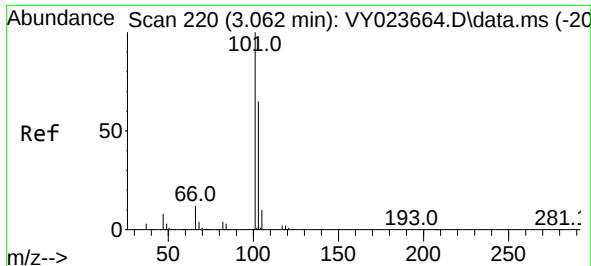
Tgt Ion: 94 Resp: 117095
Ion Ratio Lower Upper
94 100
96 95.2 74.4 111.6



#6
Chloroethane
Concen: 20.484 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 64 Resp: 92972
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4

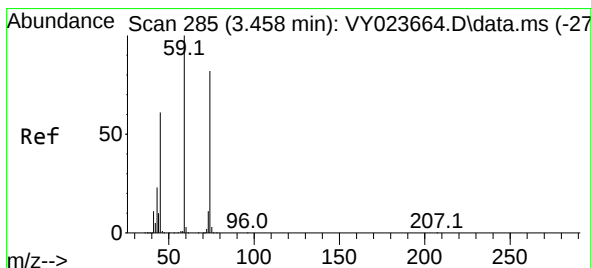
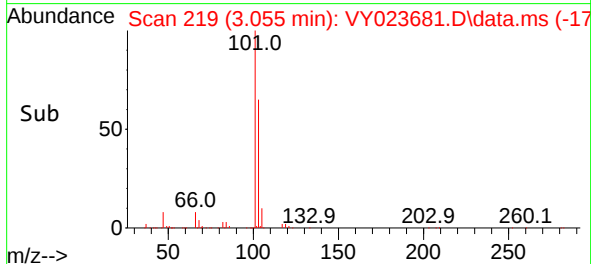
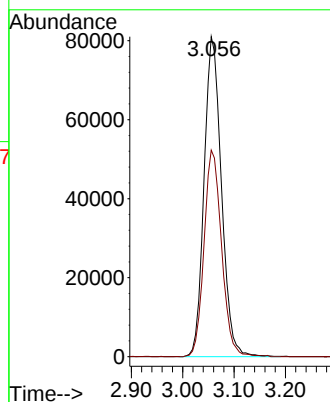
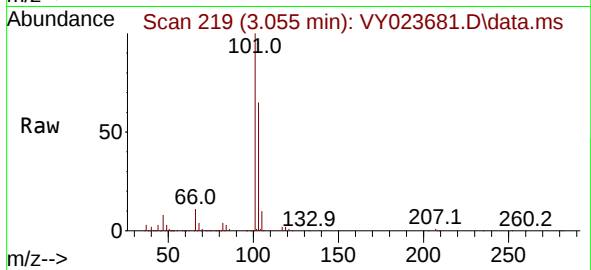




#7
Trichlorofluoromethane
Concen: 20.552 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023681.D
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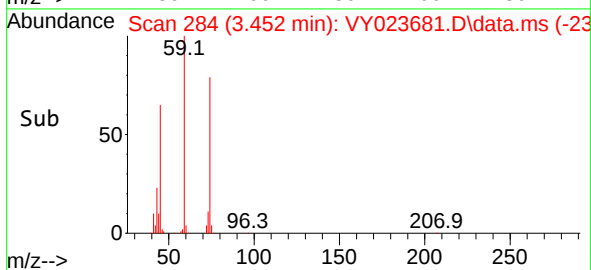
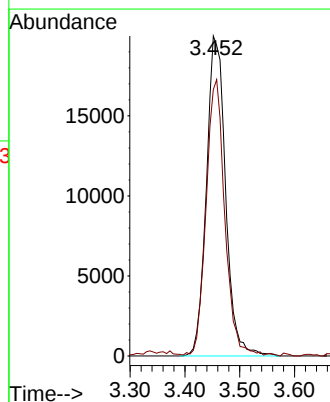
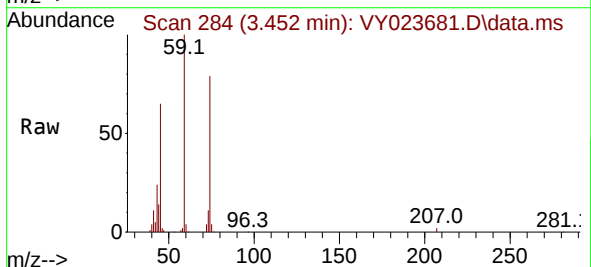
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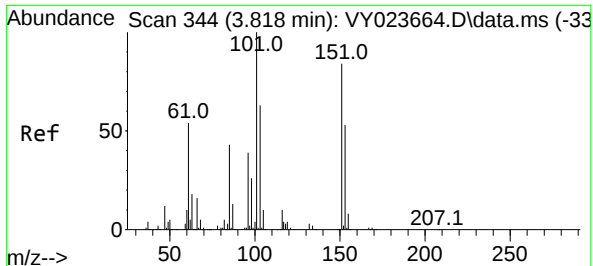
Tgt Ion:101 Resp: 190082
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1



#8
Diethyl Ether
Concen: 19.553 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 74 Resp: 48496
Ion Ratio Lower Upper
74 100
45 83.2 40.6 121.7

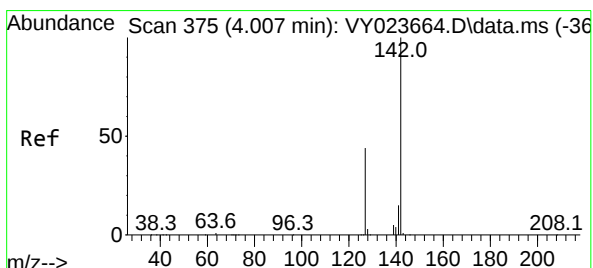
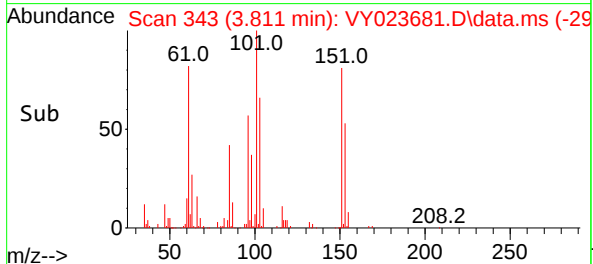
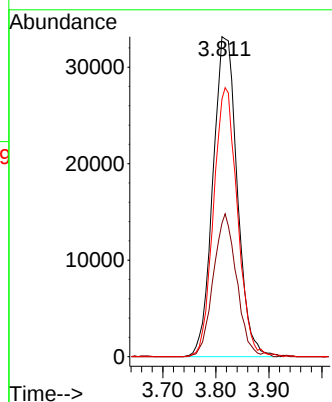
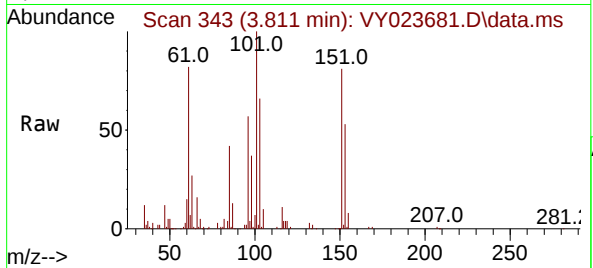




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.755 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
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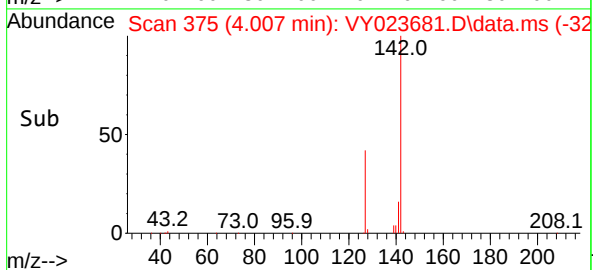
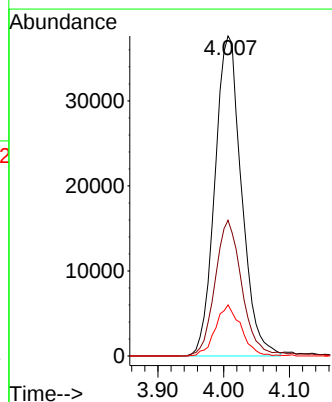
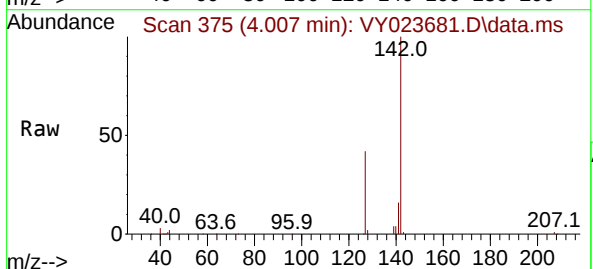
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ClientSampleId :
VY1105SBS01

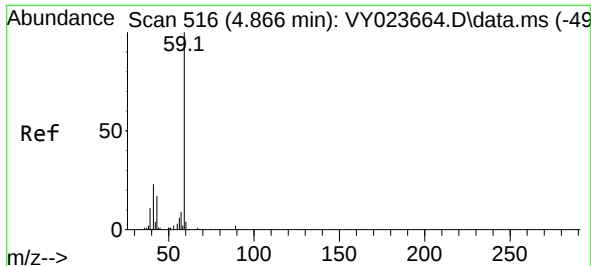
Tgt Ion:101 Resp: 105760
Ion Ratio Lower Upper
101 100
85 42.6 34.4 51.6
151 82.5 65.6 98.4



#10
Methyl Iodide
Concen: 17.622 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion:142 Resp: 106040
Ion Ratio Lower Upper
142 100
127 43.5 34.6 51.8
141 15.4 11.6 17.4

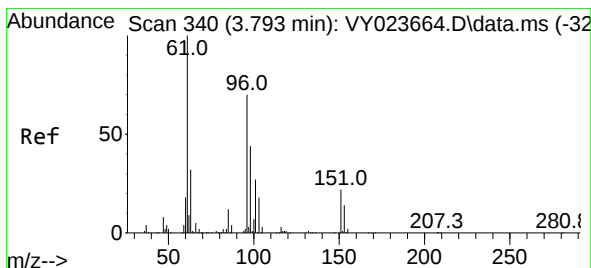
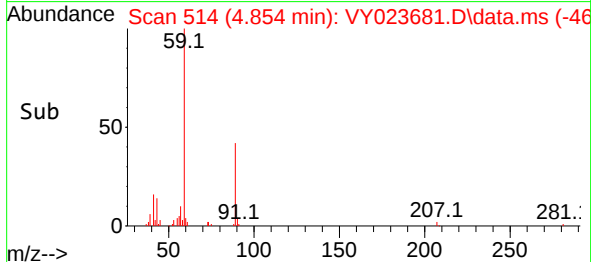
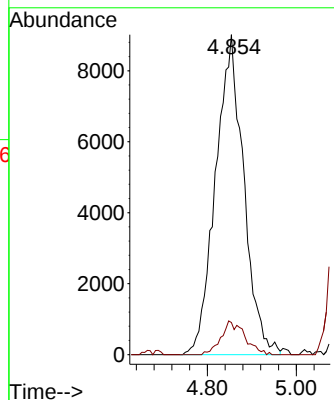
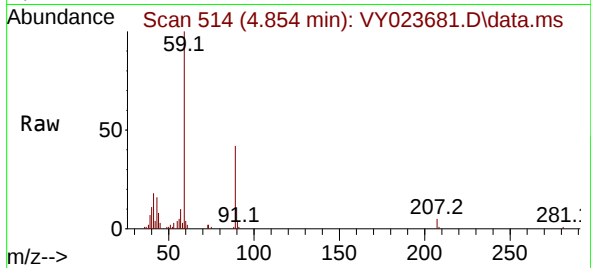




#11
Tert butyl alcohol
Concen: 130.996 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

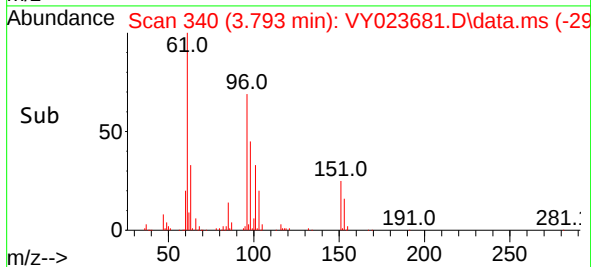
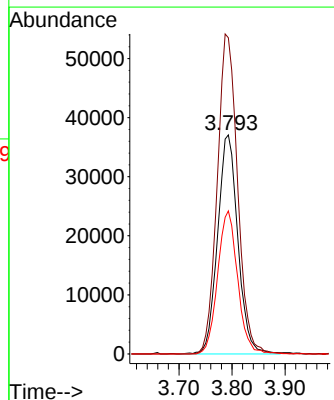
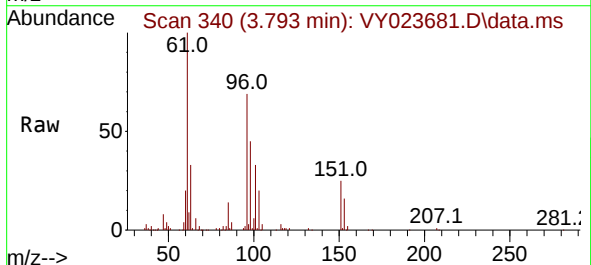
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

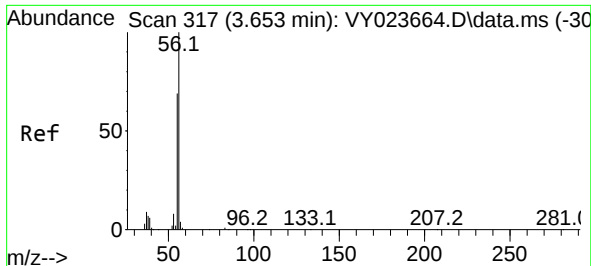
Tgt Ion: 59 Resp: 39585
Ion Ratio Lower Upper
59 100
57 8.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.025 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 96 Resp: 98296
Ion Ratio Lower Upper
96 100
61 144.4 114.0 171.0
98 65.3 50.2 75.2

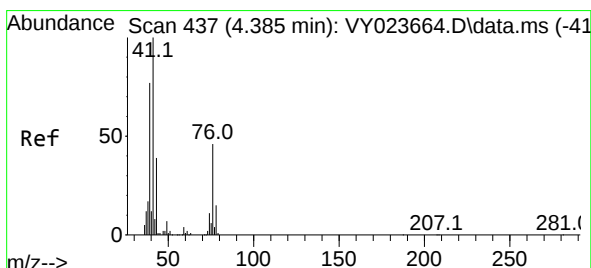
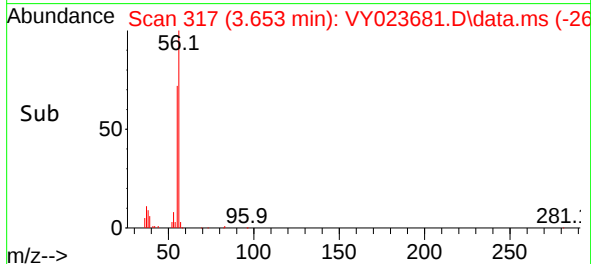
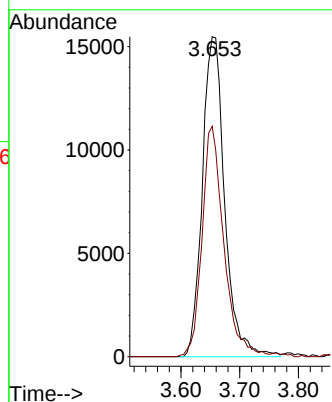
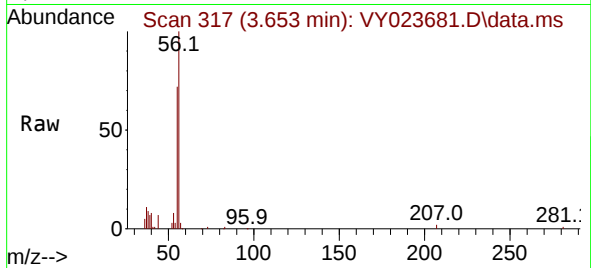




#13
Acrolein
Concen: 105.346 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

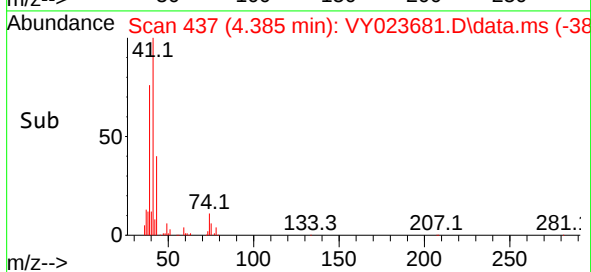
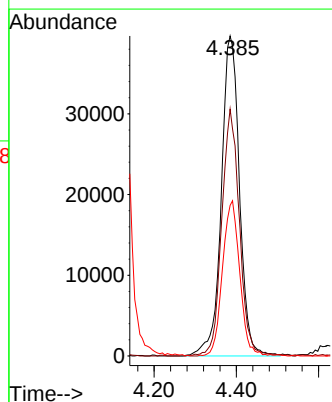
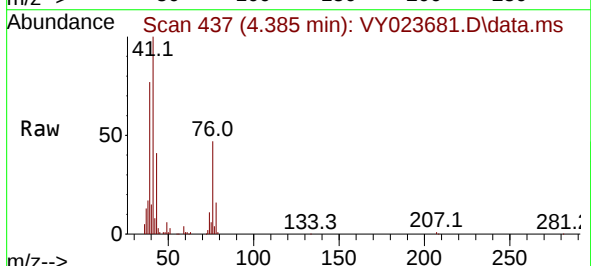
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

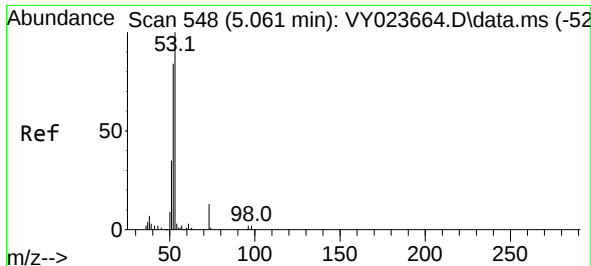
Tgt Ion: 56 Resp: 40917
Ion Ratio Lower Upper
56 100
55 70.0 56.6 84.8



#14
Allyl chloride
Concen: 20.361 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 41 Resp: 121652
Ion Ratio Lower Upper
41 100
39 75.3 60.4 90.6
76 46.1 38.0 57.0

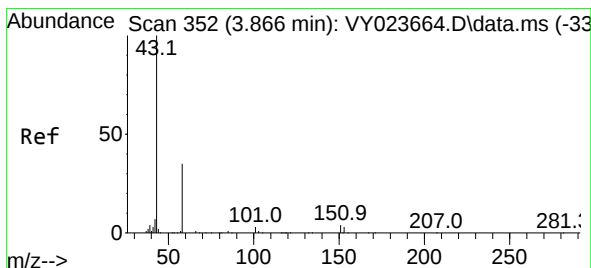
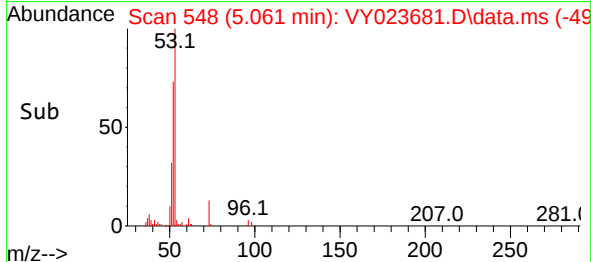
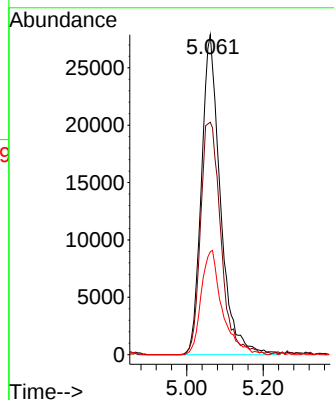
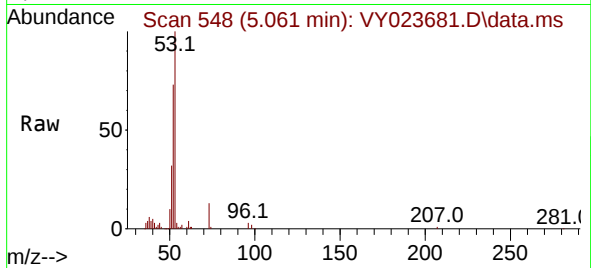




#15
Acrylonitrile
Concen: 101.406 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

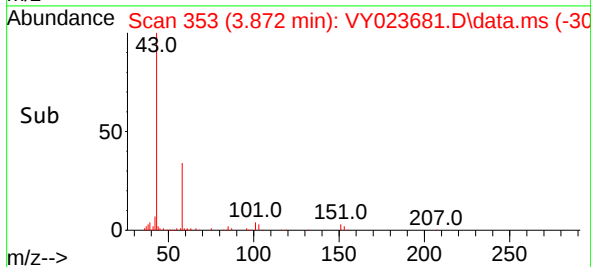
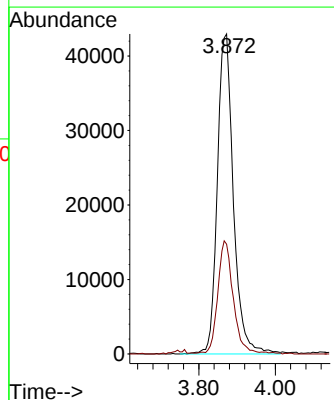
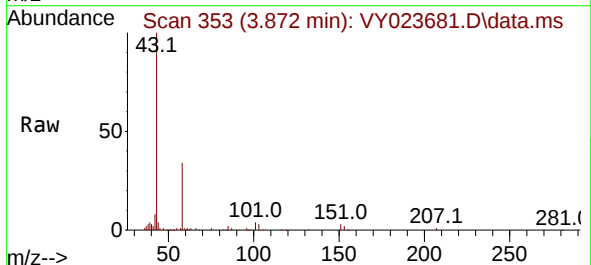
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

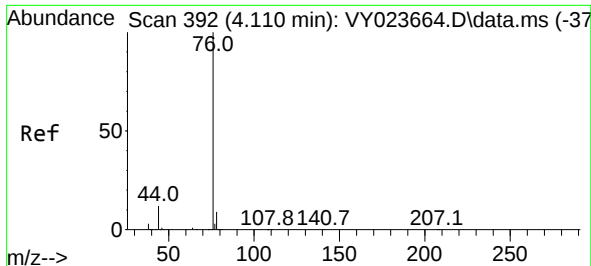
Tgt Ion: 53 Resp: 96116
Ion Ratio Lower Upper
53 100
52 78.2 64.9 97.3
51 36.1 29.4 44.0



#16
Acetone
Concen: 107.496 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 43 Resp: 125223
Ion Ratio Lower Upper
43 100
58 34.0 28.2 42.4

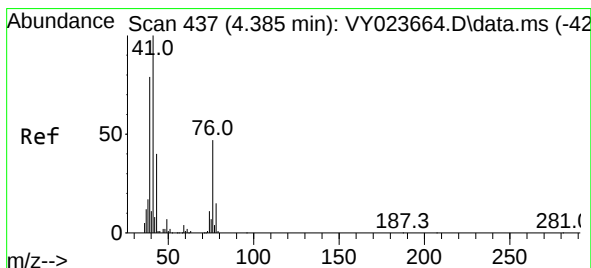
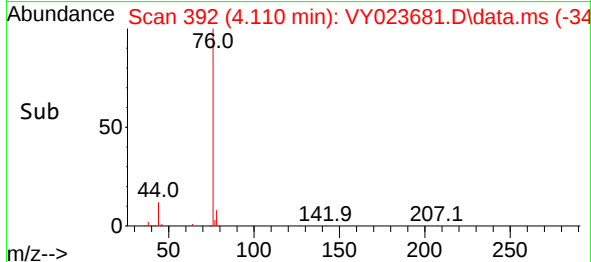
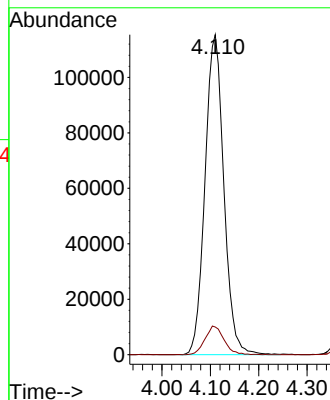
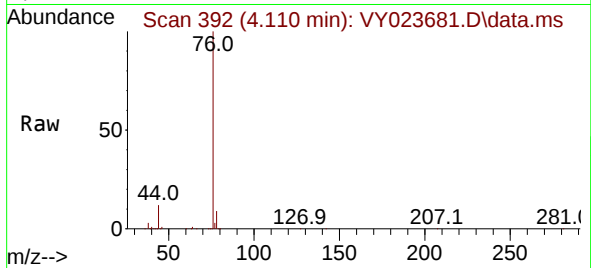




#17
Carbon Disulfide
Concen: 20.702 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

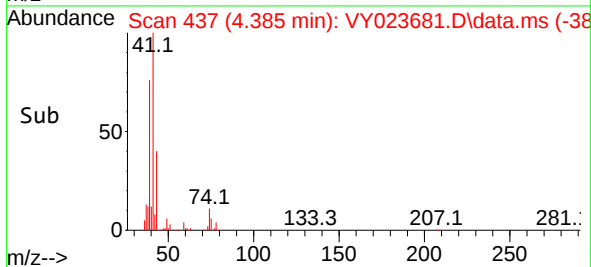
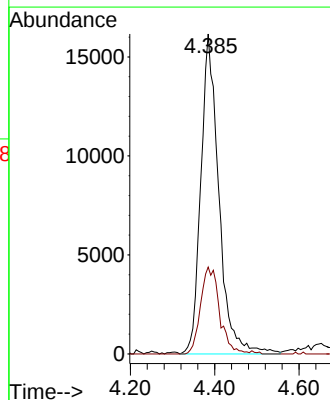
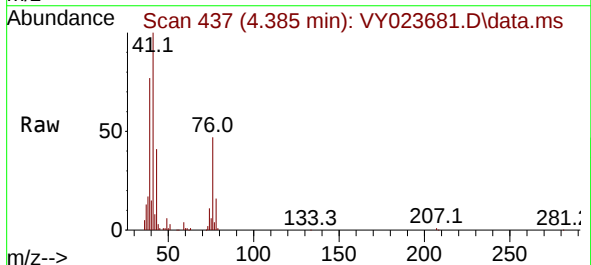
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

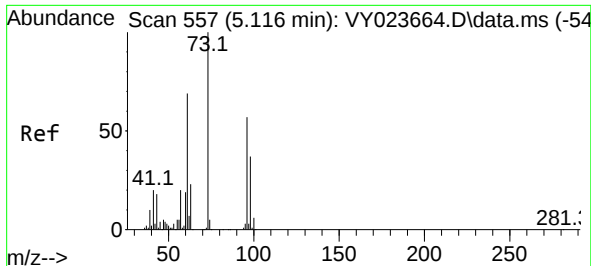
Tgt Ion: 76 Resp: 311893
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 18.749 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 43 Resp: 48174
Ion Ratio Lower Upper
43 100
74 28.5 22.5 33.7

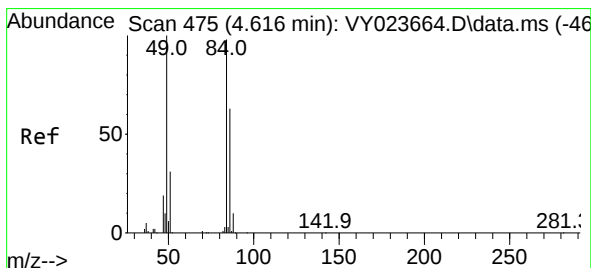
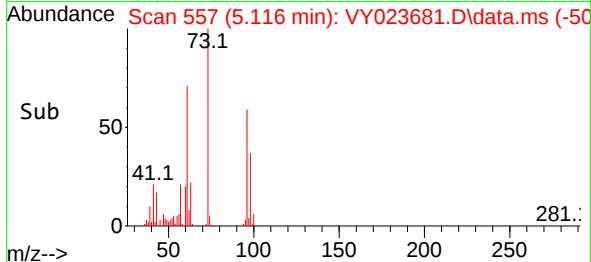
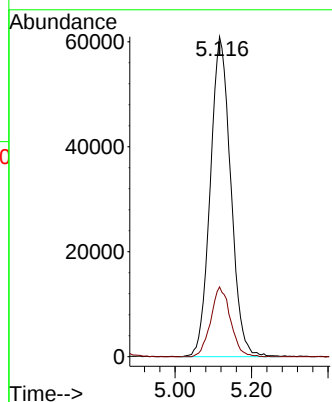
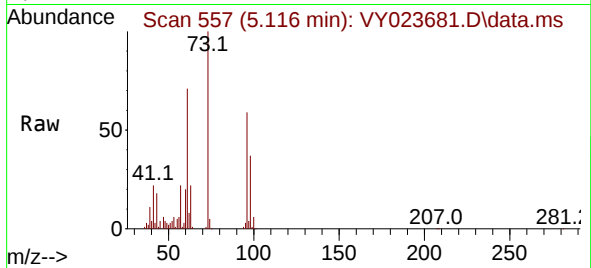




#19
Methyl tert-butyl Ether
Concen: 19.859 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

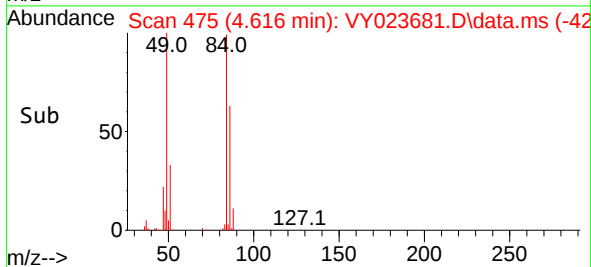
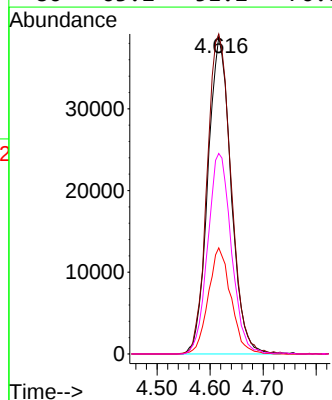
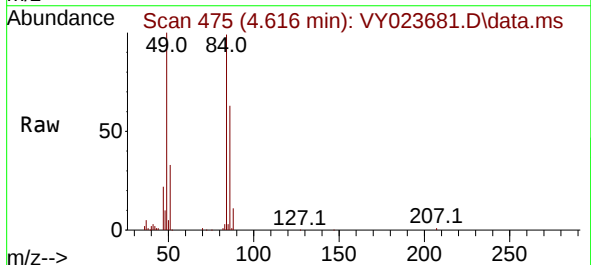
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

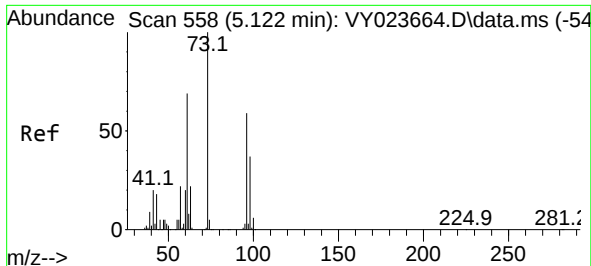
Tgt Ion: 73 Resp: 226044
Ion Ratio Lower Upper
73 100
57 21.8 16.1 24.1



#20
Methylene Chloride
Concen: 20.855 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 84 Resp: 117278
Ion Ratio Lower Upper
84 100
49 100.8 81.5 122.3
51 33.5 25.5 38.3
86 63.2 51.2 76.8

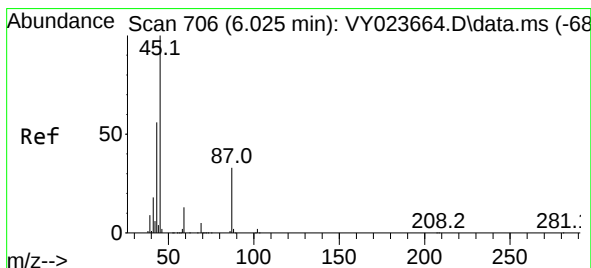
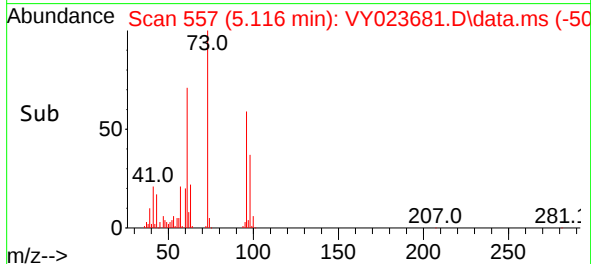
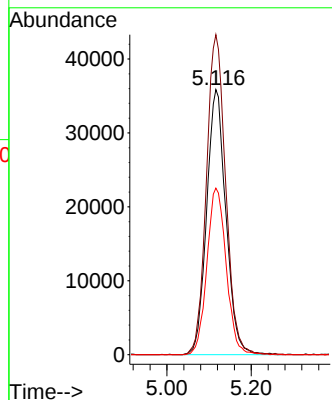
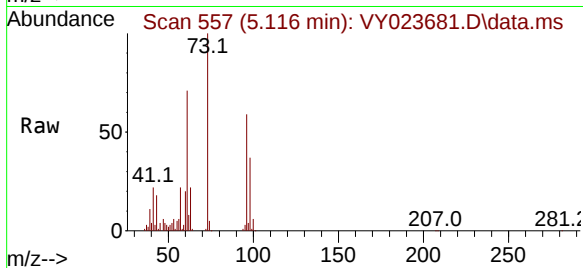




#21
trans-1,2-Dichloroethene
Concen: 20.559 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

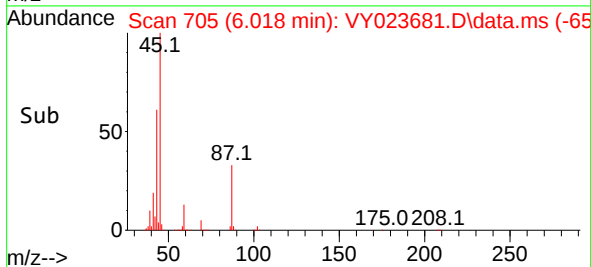
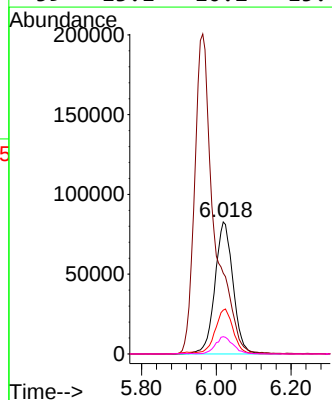
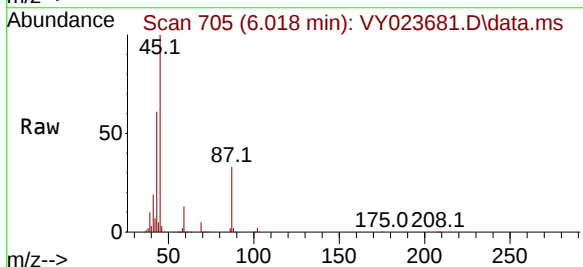
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

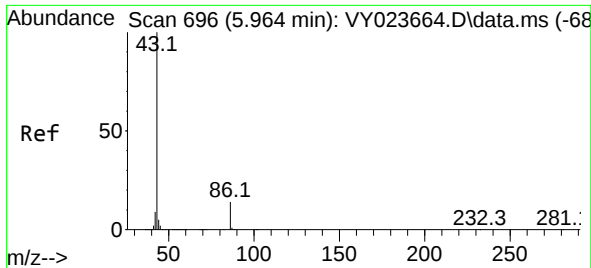
Tgt Ion: 96 Resp: 113785
Ion Ratio Lower Upper
96 100
61 120.7 93.3 139.9
98 62.8 50.6 75.8



#22
Diisopropyl ether
Concen: 20.888 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 45 Resp: 278093
Ion Ratio Lower Upper
45 100
43 60.8 44.7 67.1
87 33.2 27.2 40.8
59 13.1 10.2 15.4

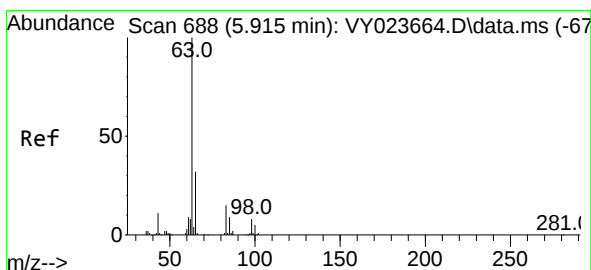
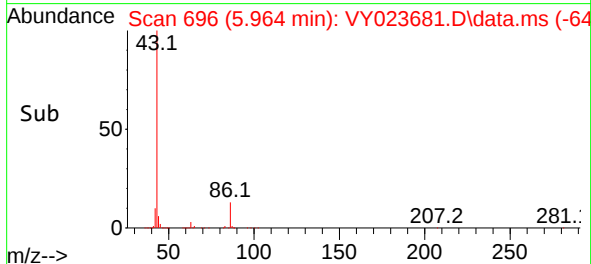
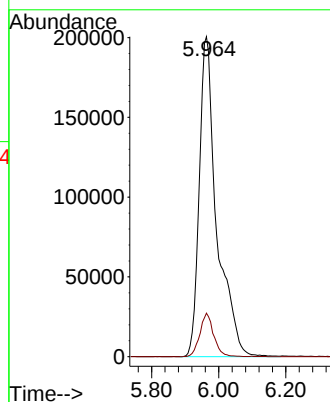
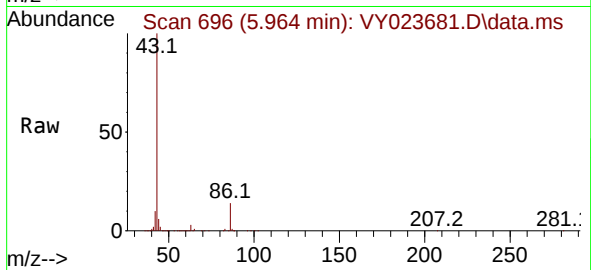




#23
 Vinyl Acetate
 Concen: 102.383 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023681.D
 Acq: 05 Nov 2025 10:27

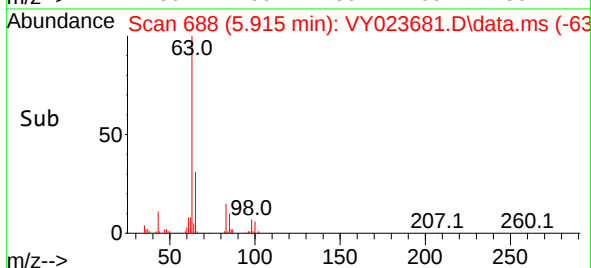
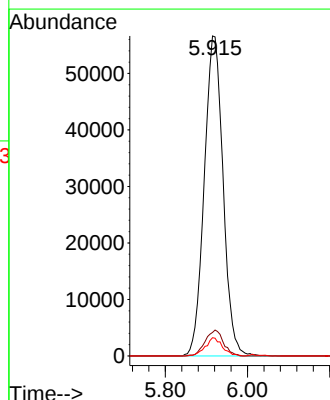
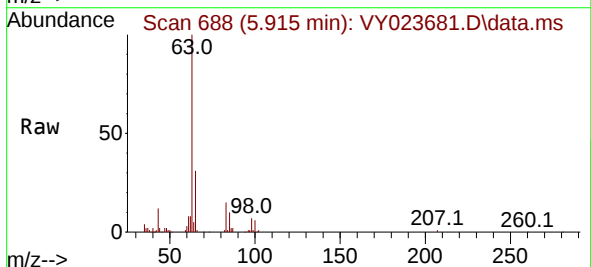
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

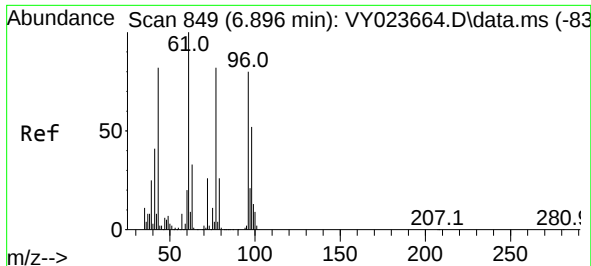
Tgt Ion: 43 Resp: 727385
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 20.285 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023681.D
 Acq: 05 Nov 2025 10:27

Tgt Ion: 63 Resp: 179911
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 11.9
 100 5.7 2.6 7.8

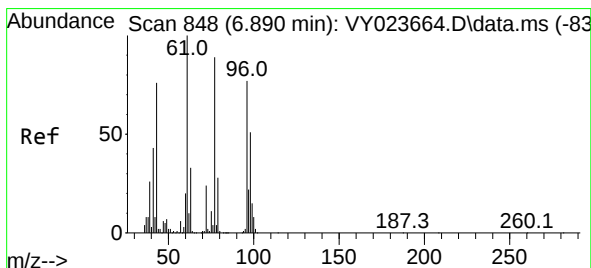
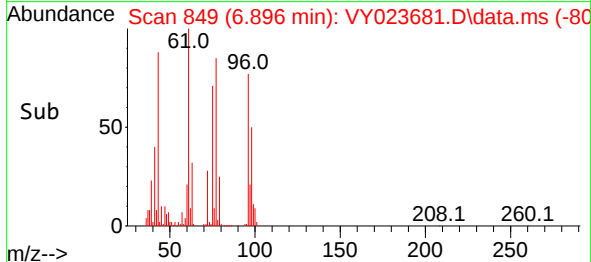
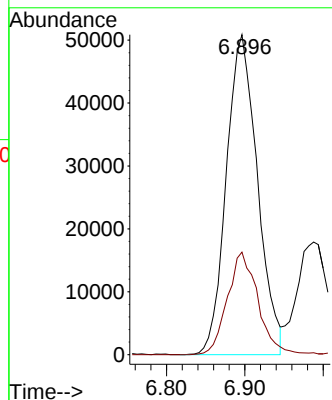
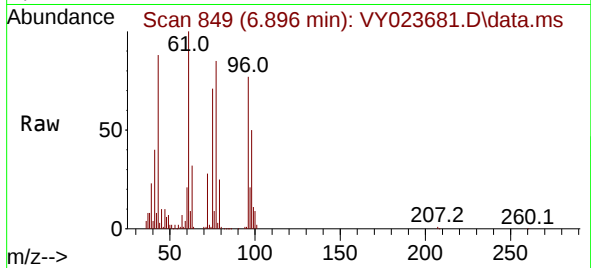




#25
2-Butanone
Concen: 104.342 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

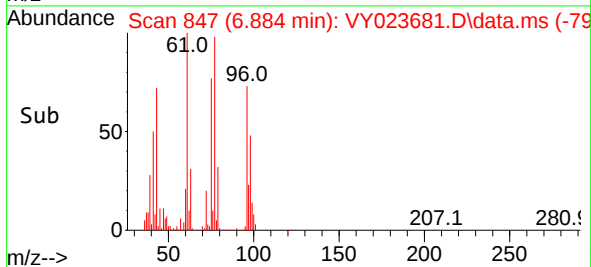
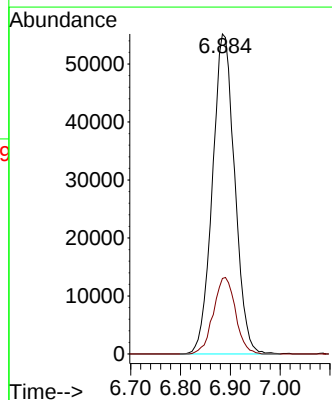
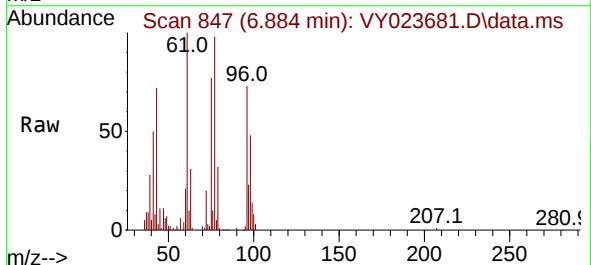
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

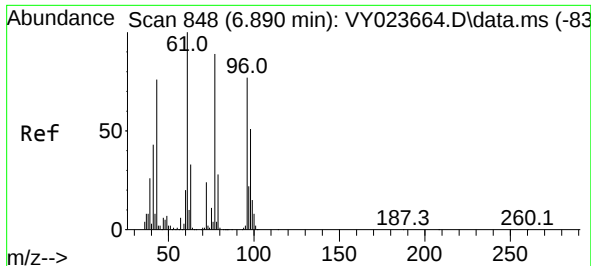
Tgt Ion: 43 Resp: 140533
Ion Ratio Lower Upper
43 100
72 32.1 25.7 38.5



#26
2,2-Dichloropropane
Concen: 20.957 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 77 Resp: 170977
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.852 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

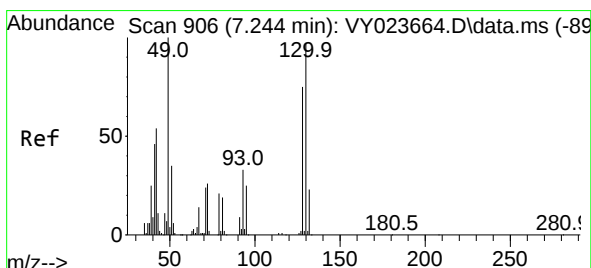
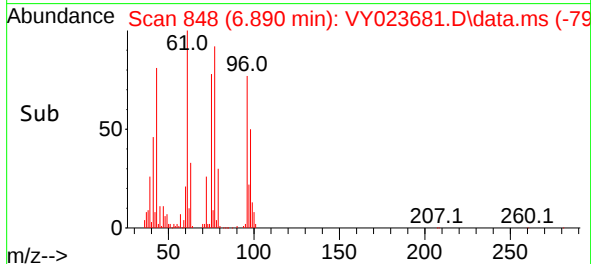
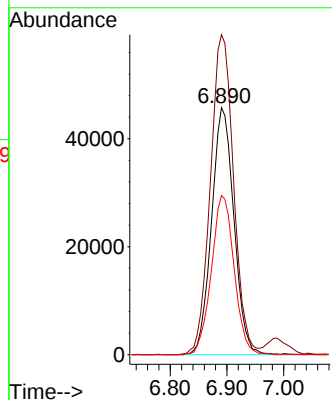
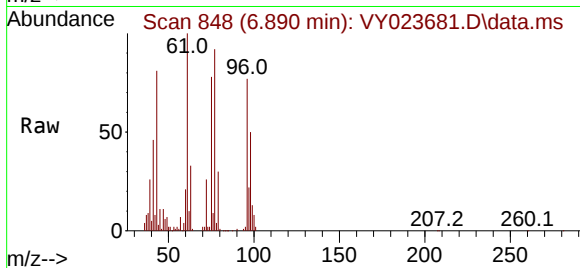
Tgt Ion: 96 Resp: 125484

Ion Ratio Lower Upper

96 100

61 134.1 0.0 255.0

98 65.5 0.0 129.8



#28

Bromochloromethane

Concen: 20.562 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

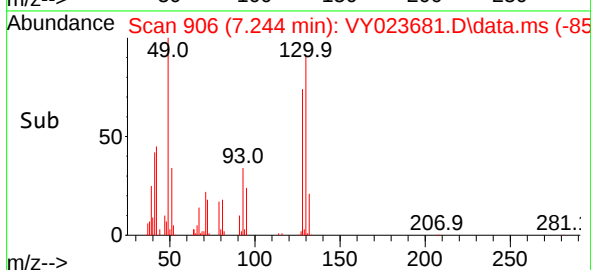
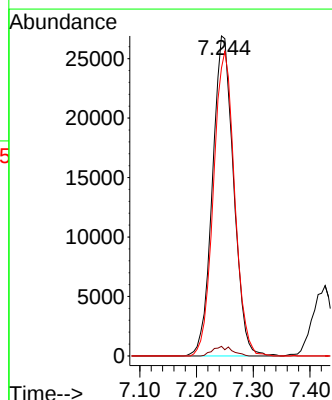
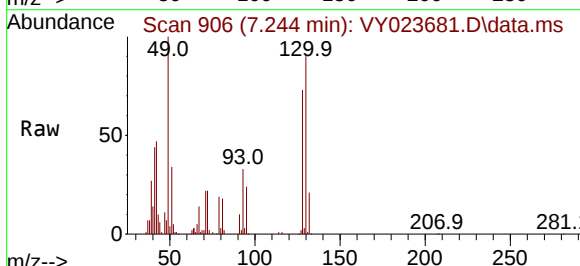
Tgt Ion: 49 Resp: 69828

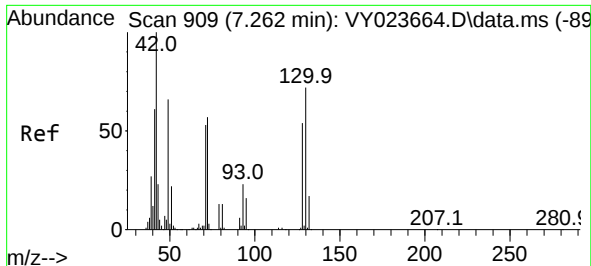
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 94.9 80.1 120.1





#29

Tetrahydrofuran

Concen: 96.173 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

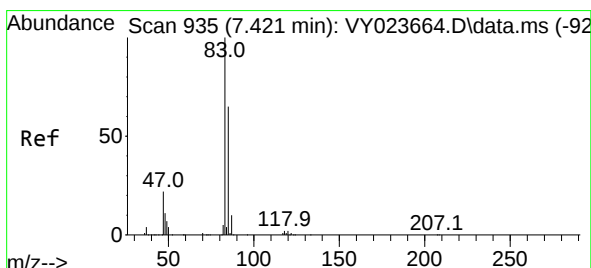
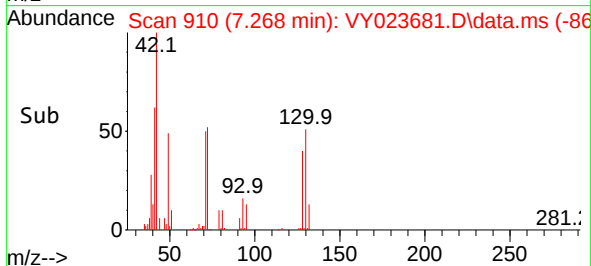
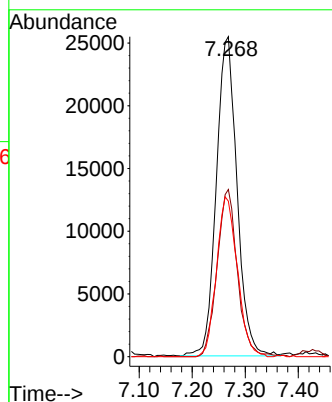
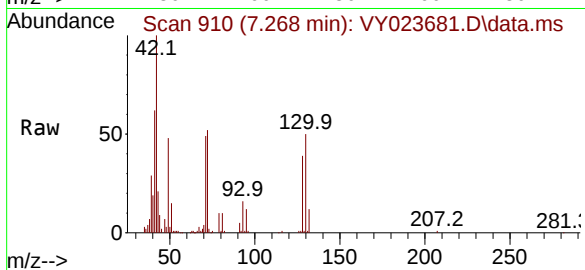
Tgt Ion: 42 Resp: 68984

Ion Ratio Lower Upper

42 100

72 51.4 43.4 65.2

71 50.5 40.7 61.1



#30

Chloroform

Concen: 20.205 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023681.D

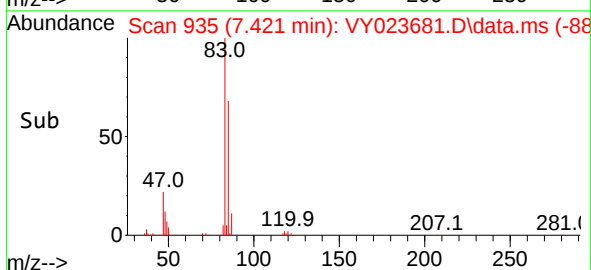
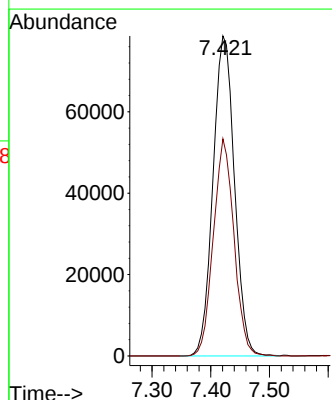
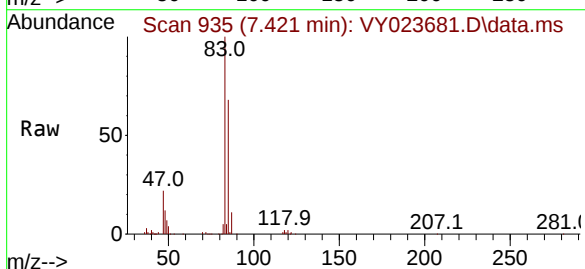
Acq: 05 Nov 2025 10:27

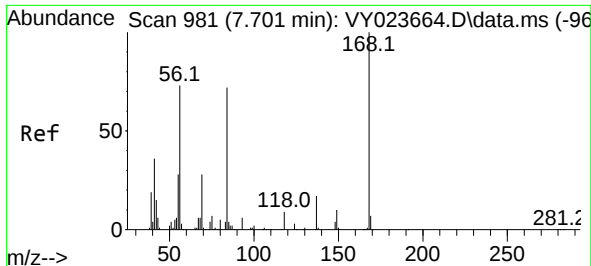
Tgt Ion: 83 Resp: 199947

Ion Ratio Lower Upper

83 100

85 67.8 52.1 78.1

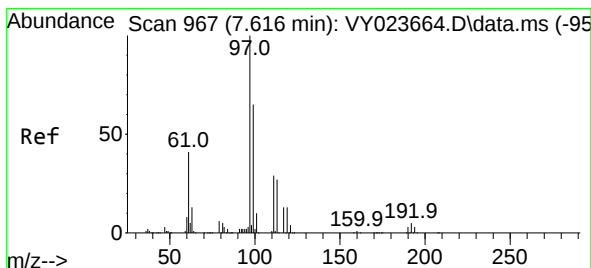
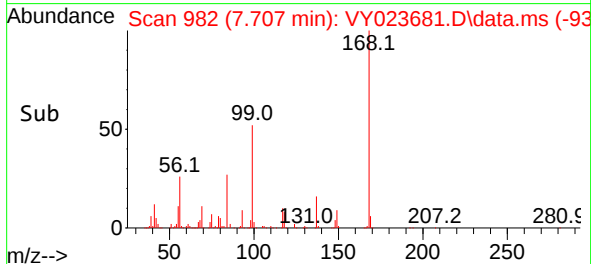
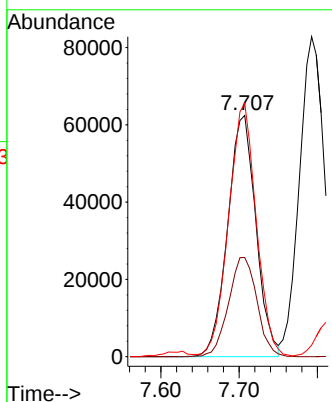
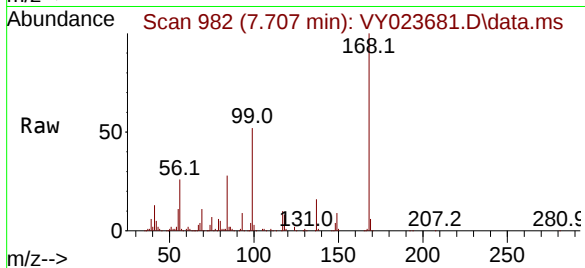




#31
Cyclohexane
Concen: 20.309 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

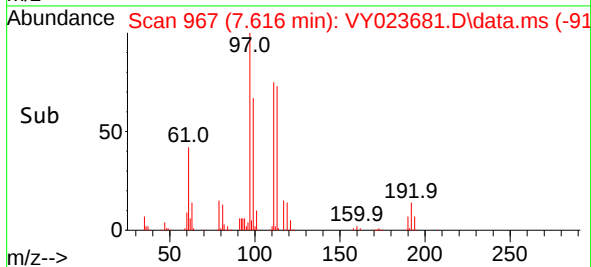
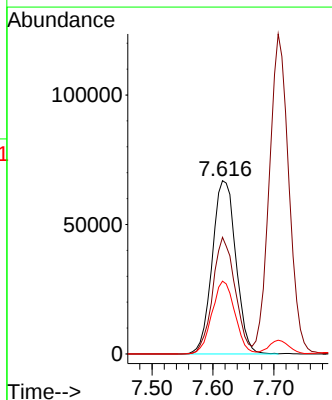
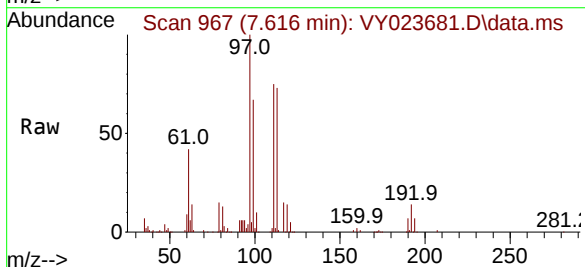
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

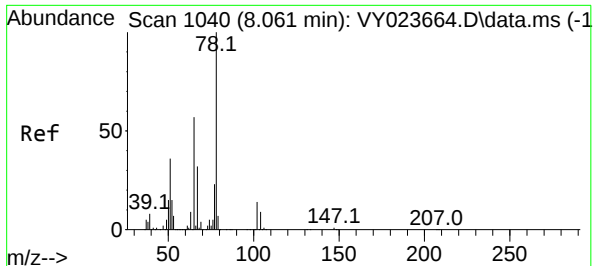
Tgt Ion: 56 Resp: 156864
Ion Ratio Lower Upper
56 100
69 41.1 30.5 45.7
84 103.0 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 20.388 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 97 Resp: 180320
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 40.8 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.395 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

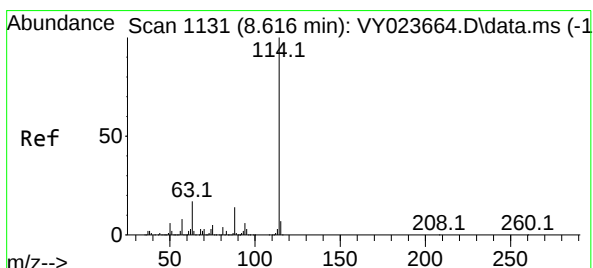
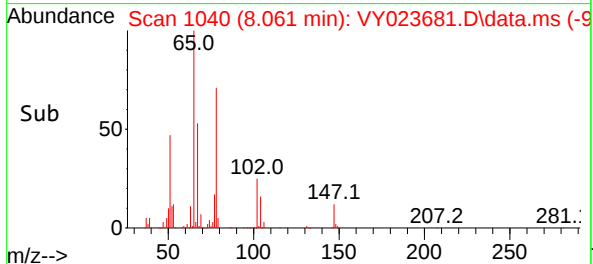
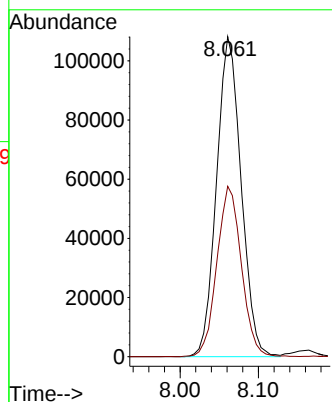
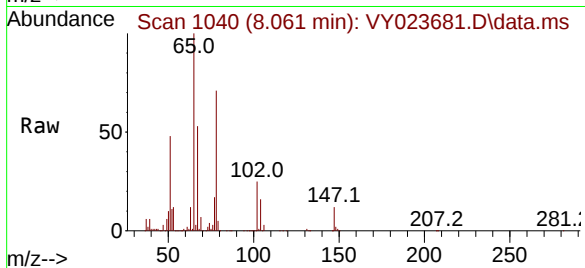
VY1105SBS01

Tgt Ion: 65 Resp: 236173

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

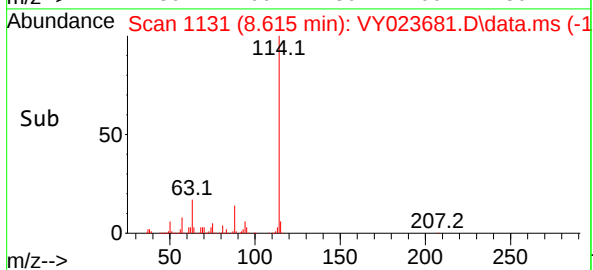
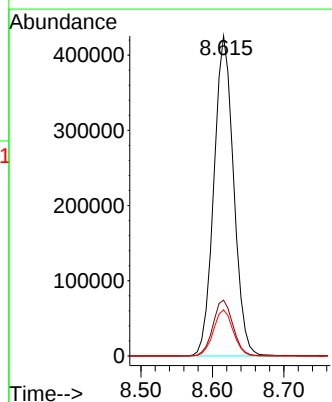
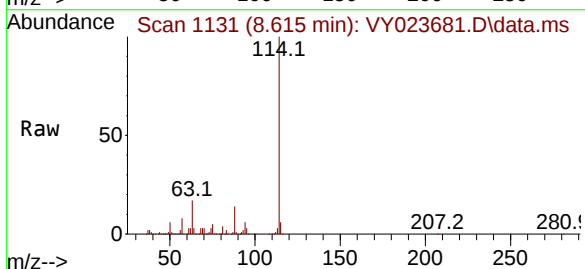
Tgt Ion: 114 Resp: 815577

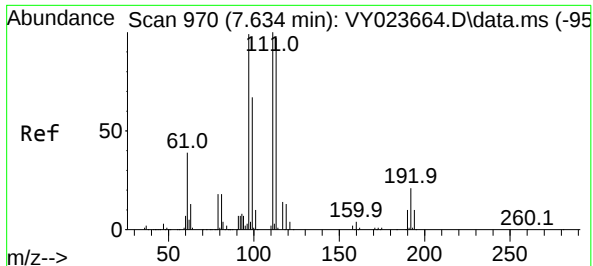
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 14.4 0.0 29.0

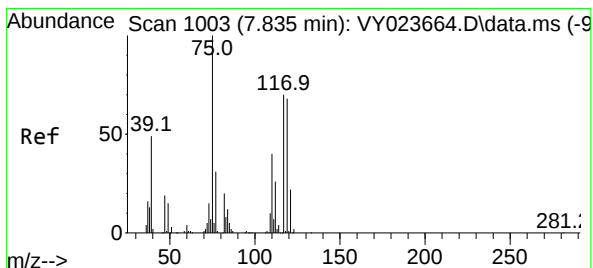
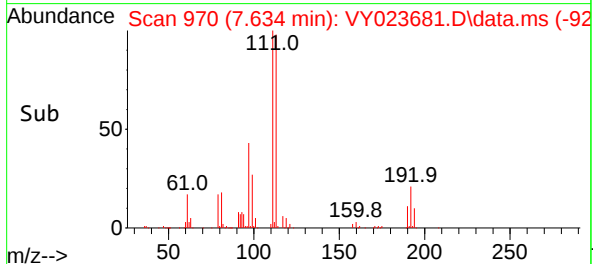
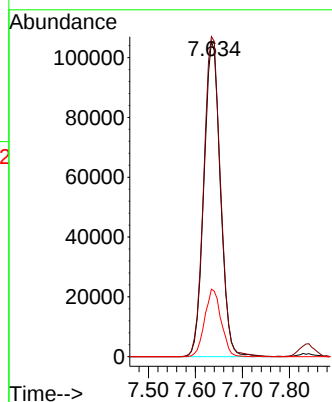
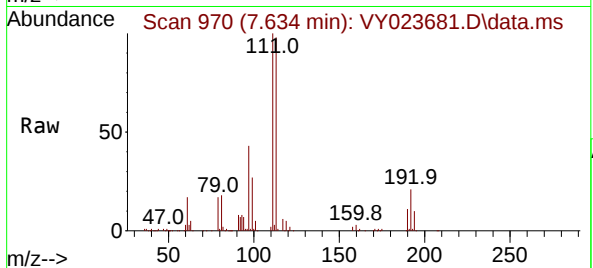




#35
Dibromofluoromethane
Concen: 50.205 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

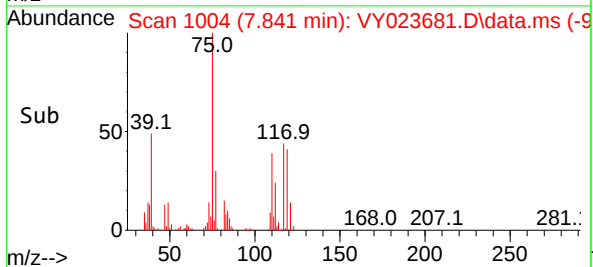
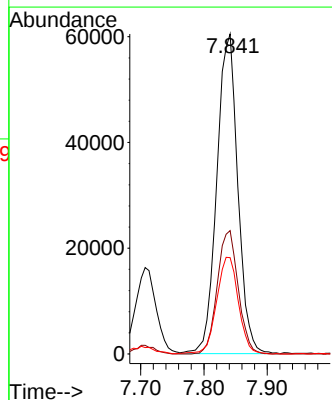
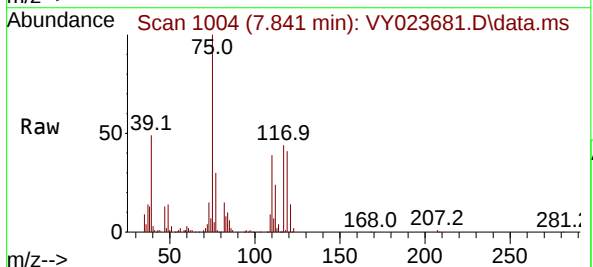
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tgt Ion:113 Resp: 255886
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 21.4 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.415 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 75 Resp: 139037
Ion Ratio Lower Upper
75 100
110 38.5 19.7 59.0
77 31.4 25.2 37.8





#37

Ethyl Acetate

Concen: 19.570 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

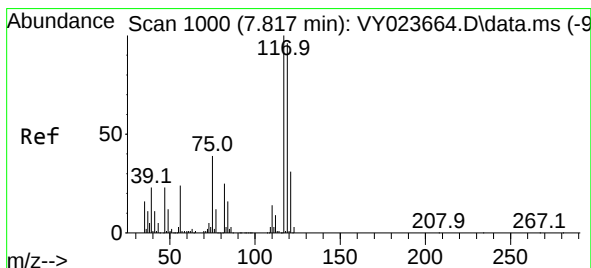
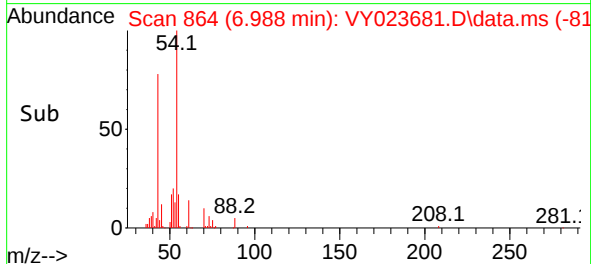
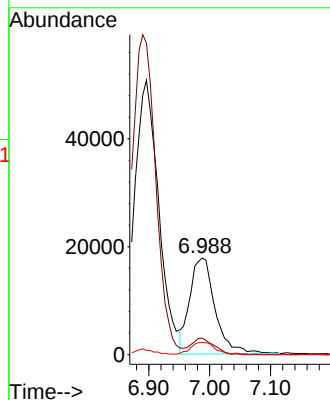
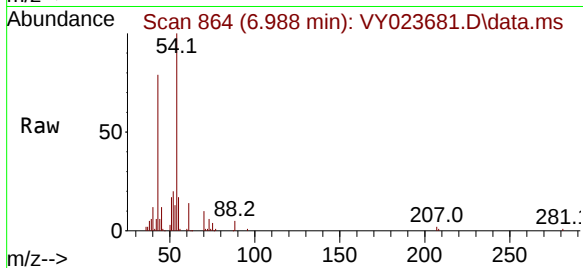
Tgt Ion: 43 Resp: 51597

Ion Ratio Lower Upper

43 100

61 15.7 12.4 18.6

70 11.5 9.8 14.8



#38

Carbon Tetrachloride

Concen: 20.528 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

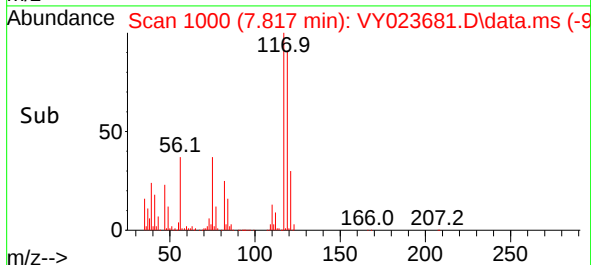
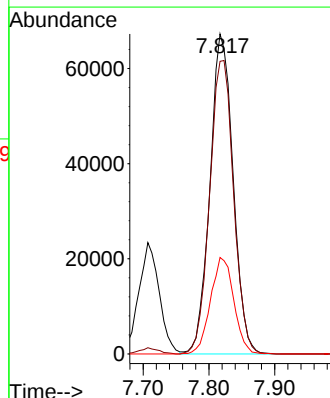
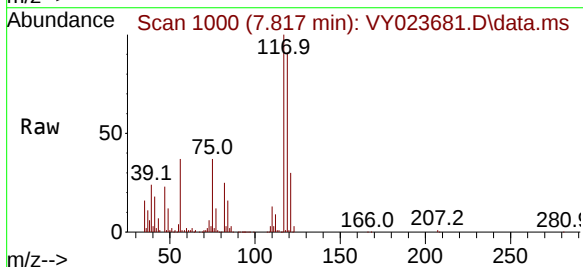
Tgt Ion: 117 Resp: 164725

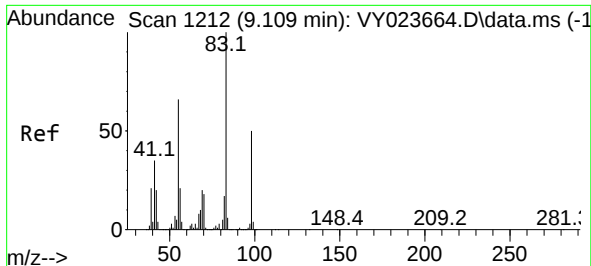
Ion Ratio Lower Upper

117 100

119 91.4 76.3 114.5

121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 19.875 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

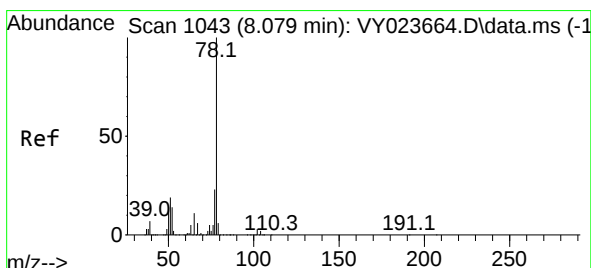
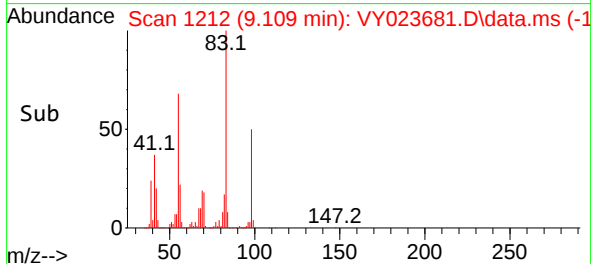
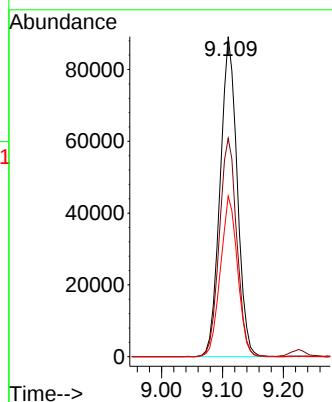
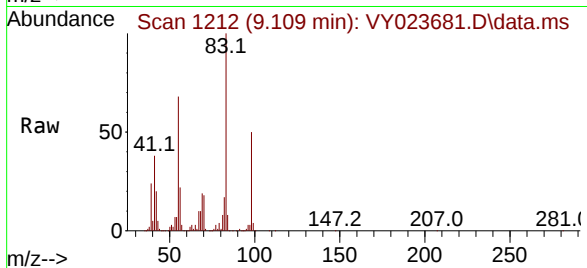
Tgt Ion: 83 Resp: 172959

Ion Ratio Lower Upper

83 100

55 68.3 52.6 78.8

98 50.2 39.7 59.5



#40

Benzene

Concen: 20.719 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023681.D

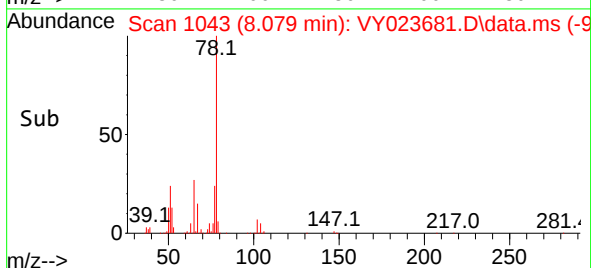
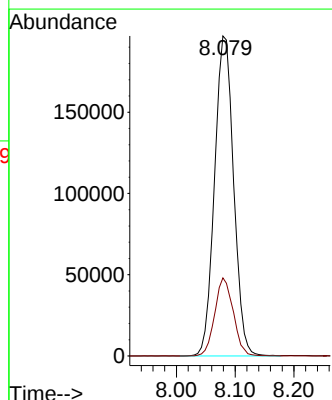
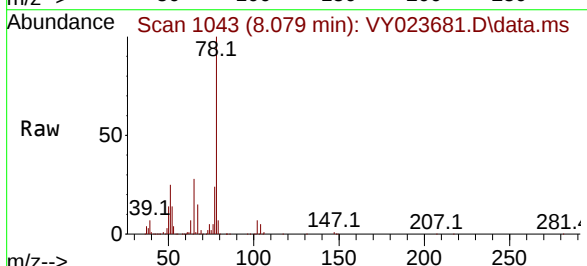
Acq: 05 Nov 2025 10:27

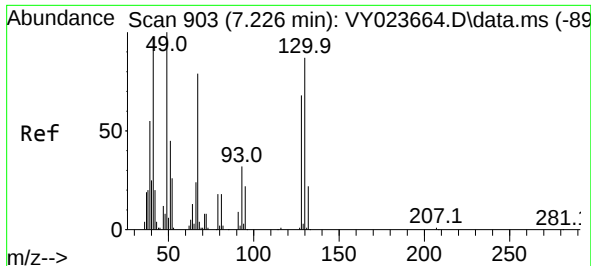
Tgt Ion: 78 Resp: 444791

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2

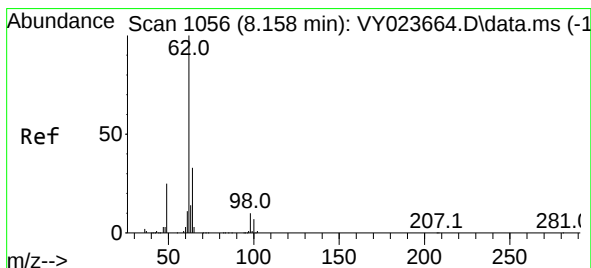
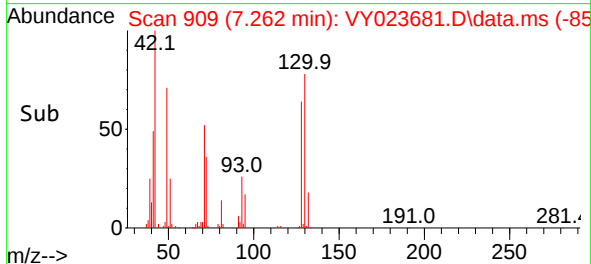
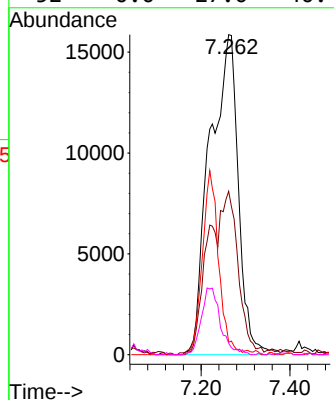
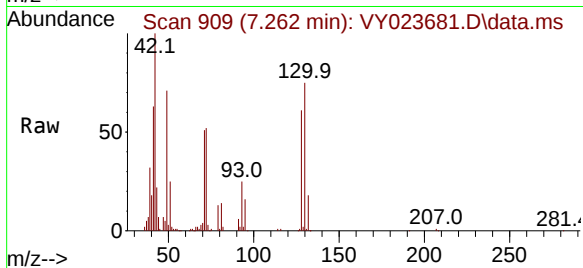




#41
Methacrylonitrile
Concen: 49.019 ug/l
RT: 7.262 min Scan# 903
Delta R.T. 0.037 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

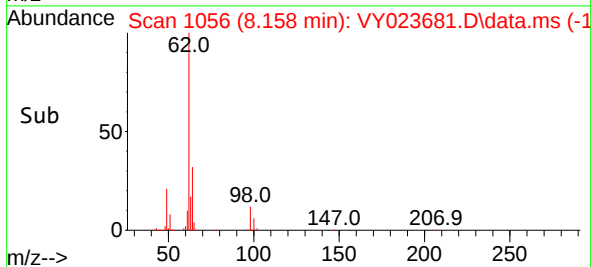
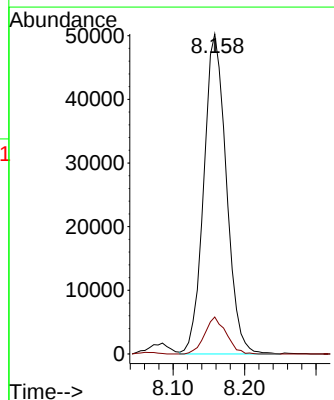
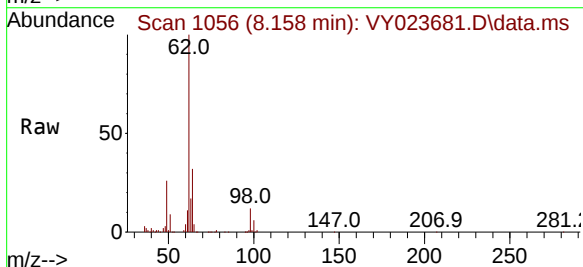
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

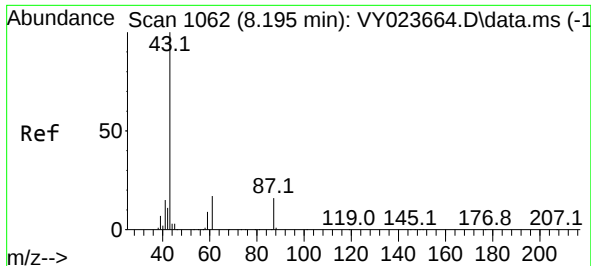
Tgt Ion: 41 Resp: 70546
Ion Ratio Lower Upper
41 100
39 29.9 38.6 57.8#
67 0.0 71.3 106.9#
52 0.0 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 20.274 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 62 Resp: 110115
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.0

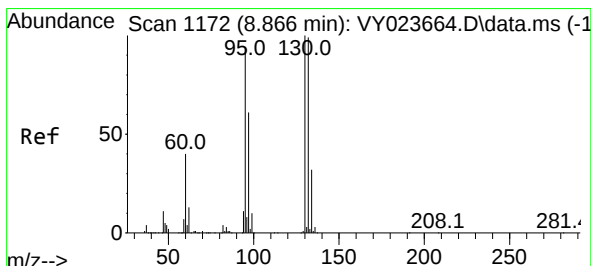
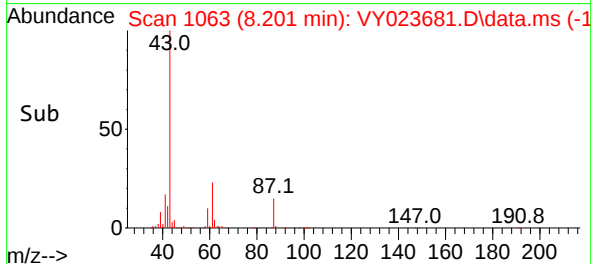
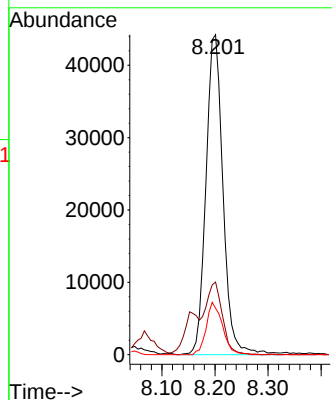
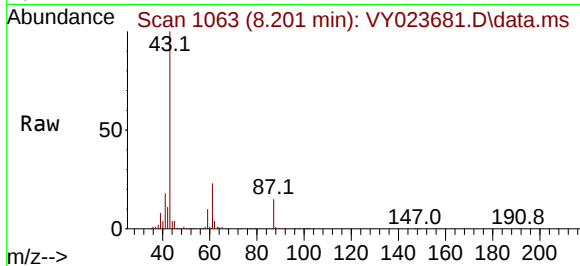




#43
Isopropyl Acetate
Concen: 19.957 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

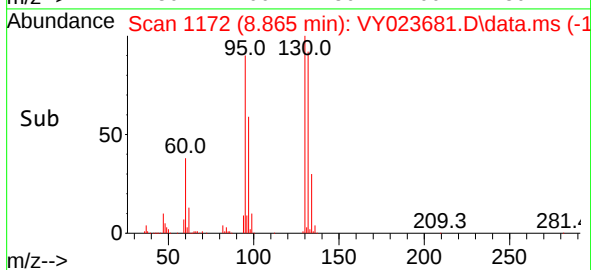
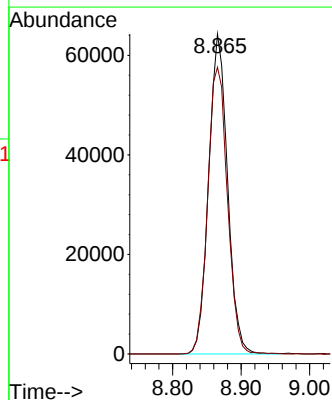
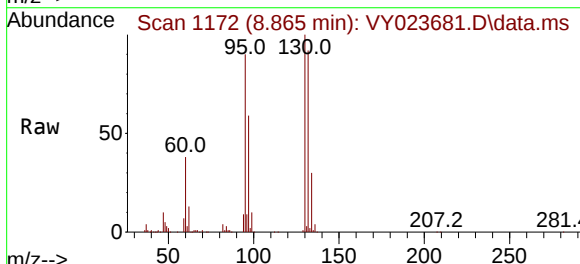
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

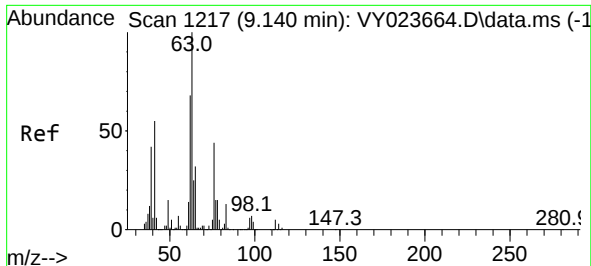
Tgt Ion:	43	Resp:	98865
Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.5	13.3	19.9



#44
Trichloroethene
Concen: 19.920 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion:	130	Resp:	122824
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.105 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

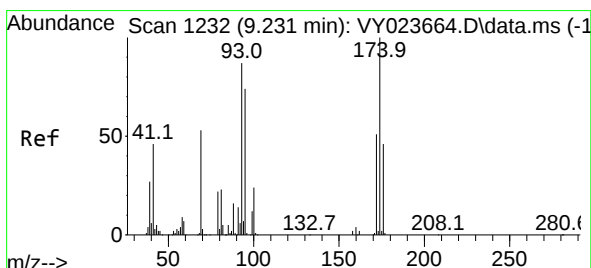
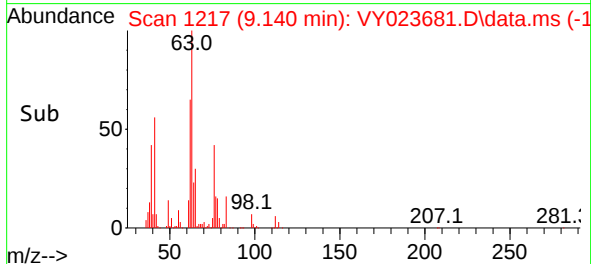
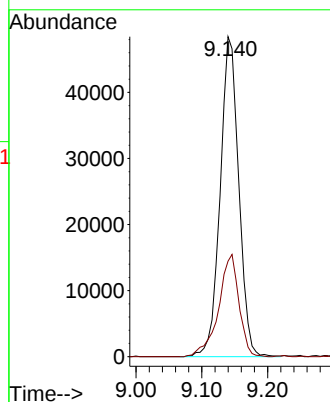
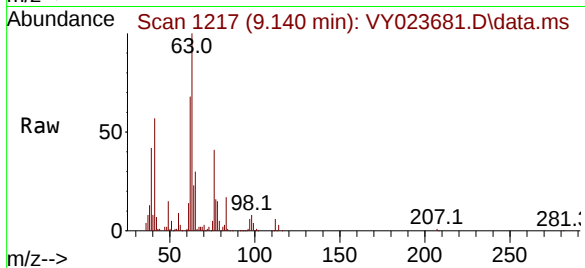
VY1105SBS01

Tgt Ion: 63 Resp: 95258

Ion Ratio Lower Upper

63 100

65 29.9 25.6 38.4



#46

Dibromomethane

Concen: 20.057 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

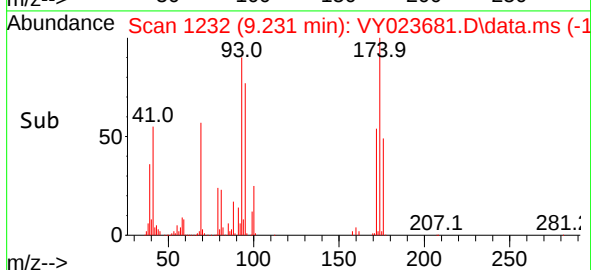
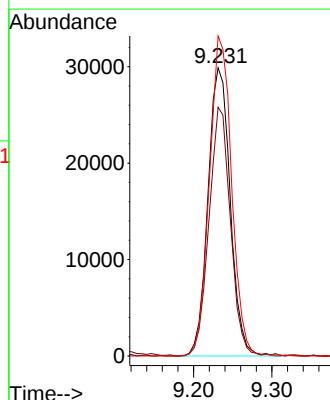
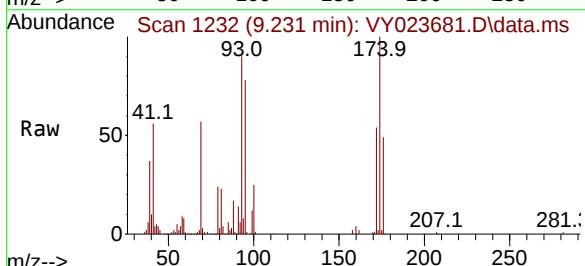
Tgt Ion: 93 Resp: 58881

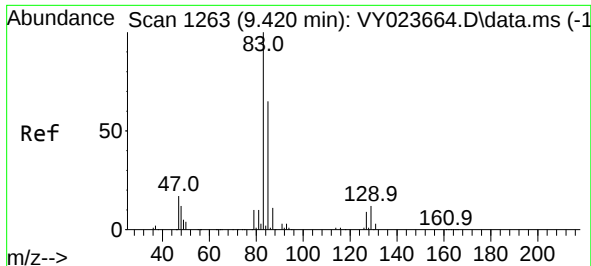
Ion Ratio Lower Upper

93 100

95 83.3 67.4 101.2

174 111.1 89.4 134.0

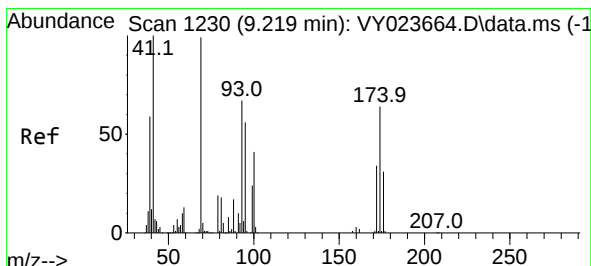
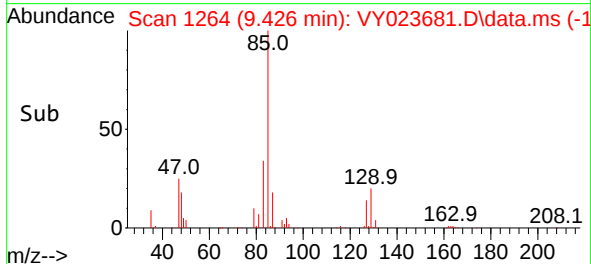
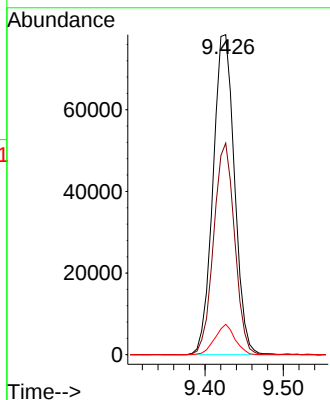
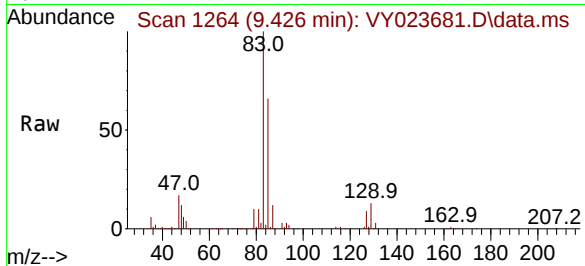




#47
Bromodichloromethane
Concen: 20.178 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

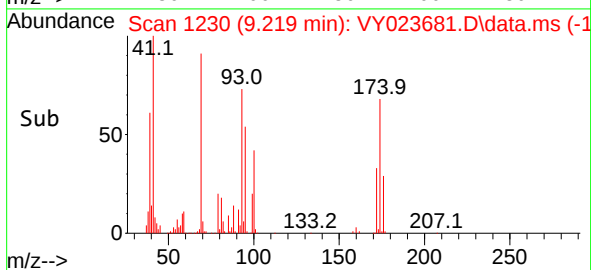
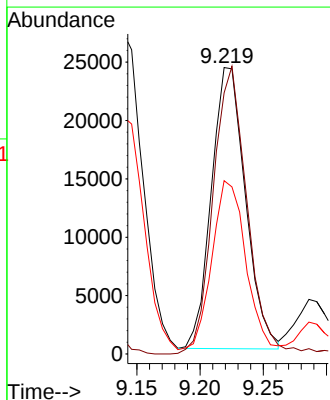
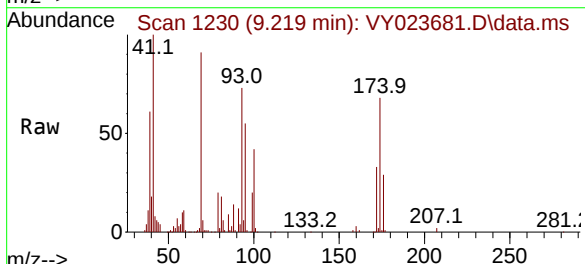
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

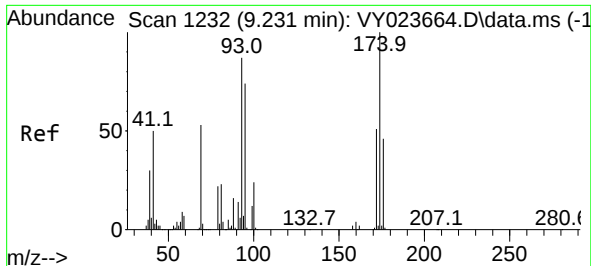
Tgt Ion: 83 Resp: 149347
Ion Ratio Lower Upper
83 100
85 66.1 52.1 78.1
127 9.5 7.5 11.3



#48
Methyl methacrylate
Concen: 19.314 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 41 Resp: 45204
Ion Ratio Lower Upper
41 100
69 102.1 80.2 120.2
39 59.2 47.4 71.0





#49

1,4-Dioxane

Concen: 405.683 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

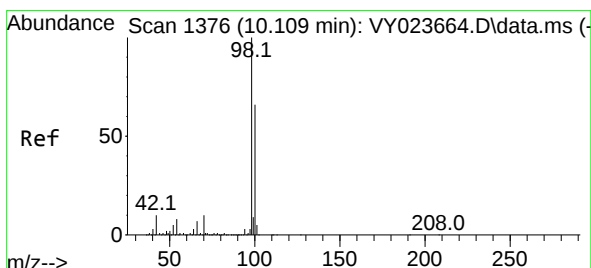
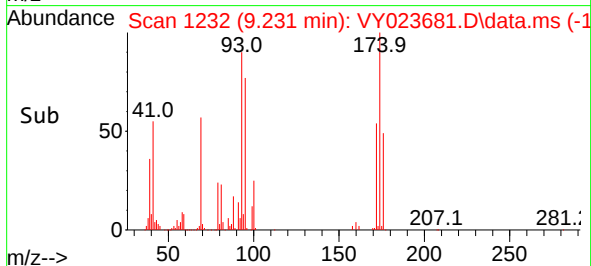
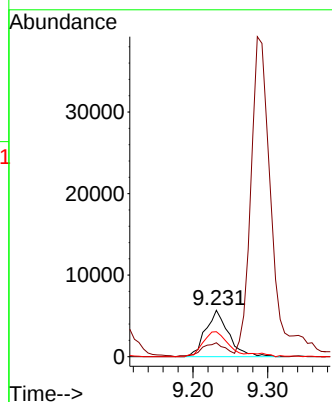
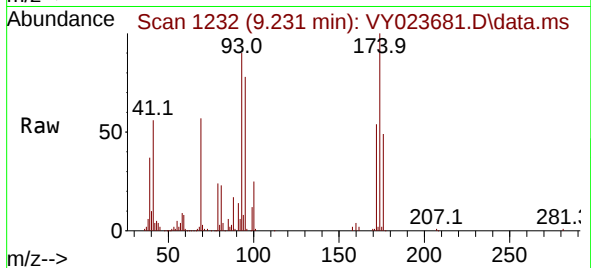
Tgt Ion: 88 Resp: 12188

Ion Ratio Lower Upper

88 100

43 31.1 22.0 33.0

58 59.7 47.8 71.8



#50

Toluene-d8

Concen: 51.796 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023681.D

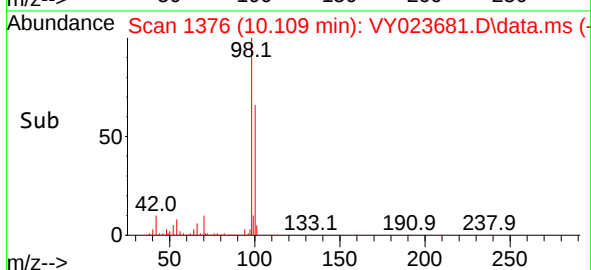
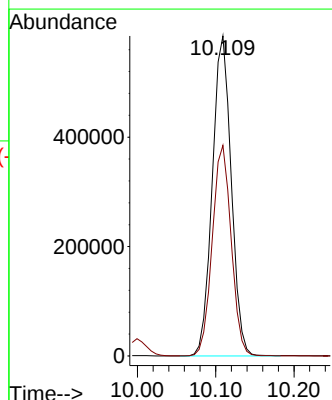
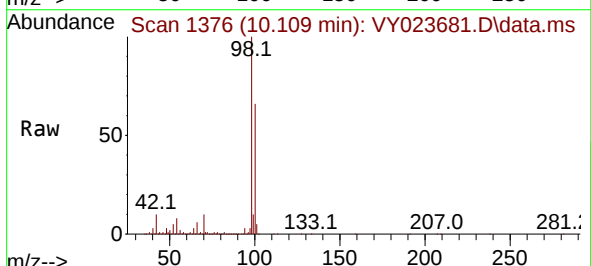
Acq: 05 Nov 2025 10:27

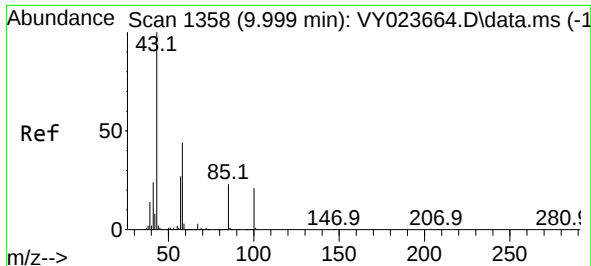
Tgt Ion: 98 Resp: 983394

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 99.299 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

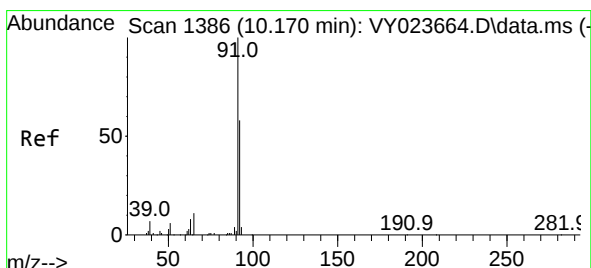
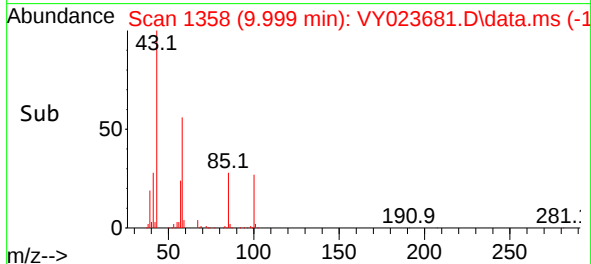
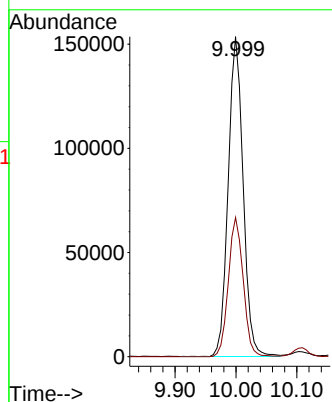
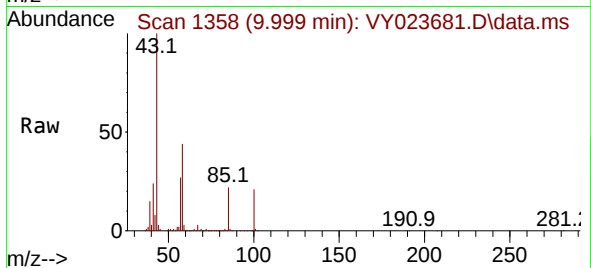
VY1105SBS01

Tgt Ion: 43 Resp: 261601

Ion Ratio Lower Upper

43 100

58 43.2 34.8 52.2



#52

Toluene

Concen: 20.772 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023681.D

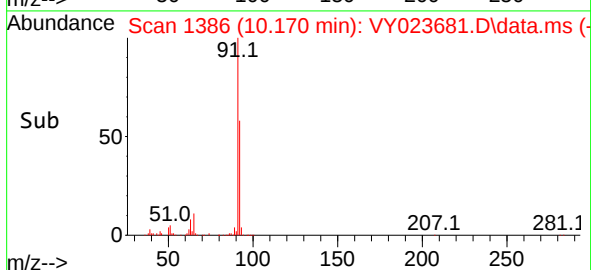
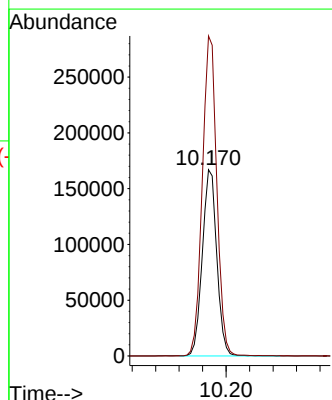
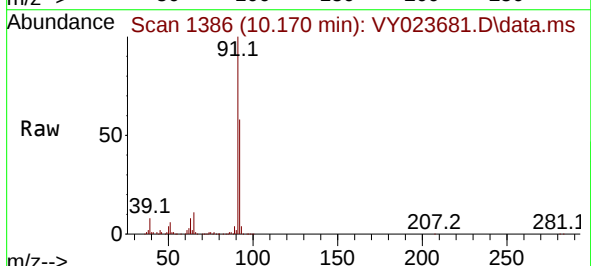
Acq: 05 Nov 2025 10:27

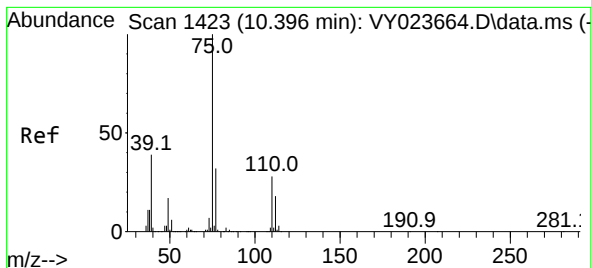
Tgt Ion: 92 Resp: 284696

Ion Ratio Lower Upper

92 100

91 172.1 137.8 206.8

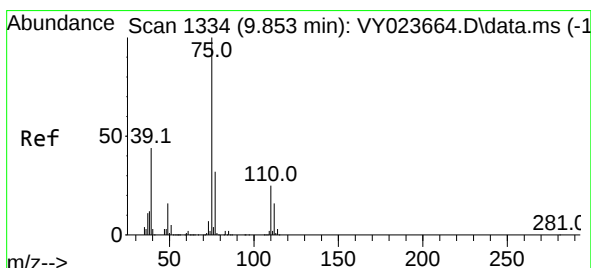
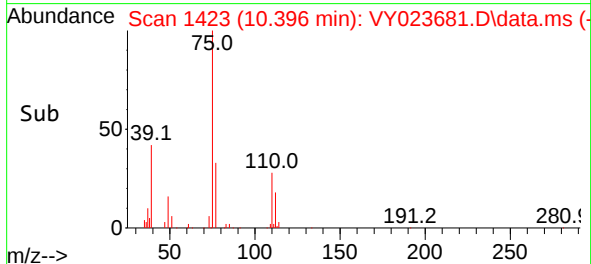
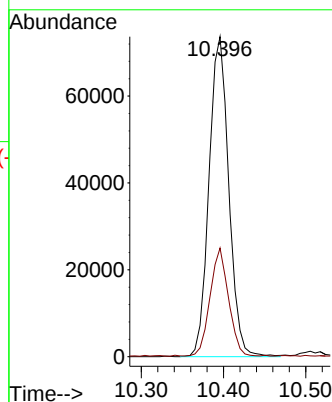
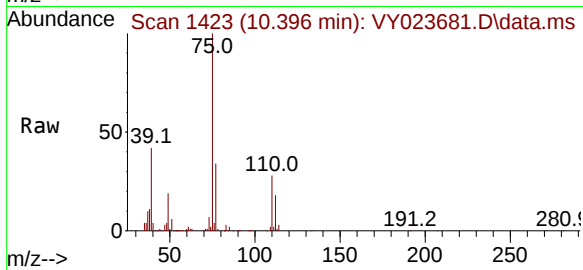




#53
 t-1,3-Dichloropropene
 Concen: 19.646 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY023681.D
 Acq: 05 Nov 2025 10:27

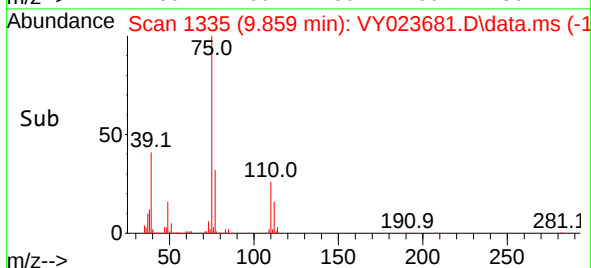
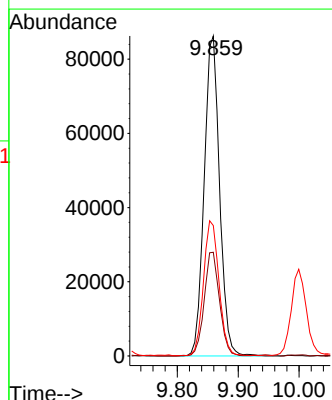
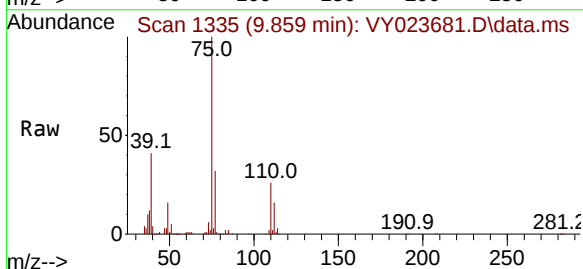
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

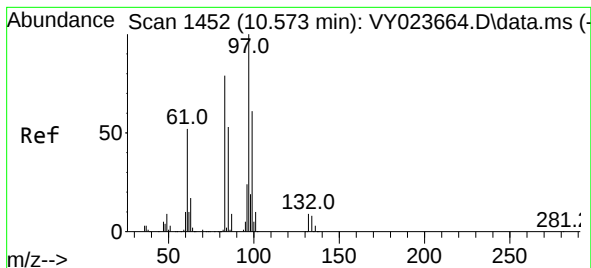
Tgt Ion: 75 Resp: 123037
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.237 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023681.D
 Acq: 05 Nov 2025 10:27

Tgt Ion: 75 Resp: 151848
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5
 39 40.7 34.9 52.3

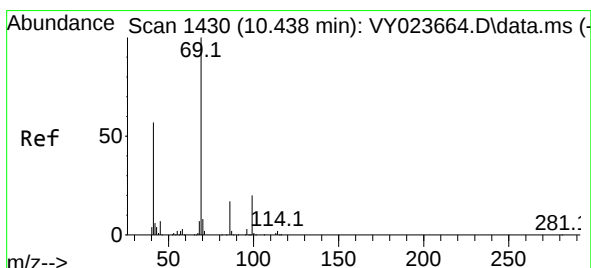
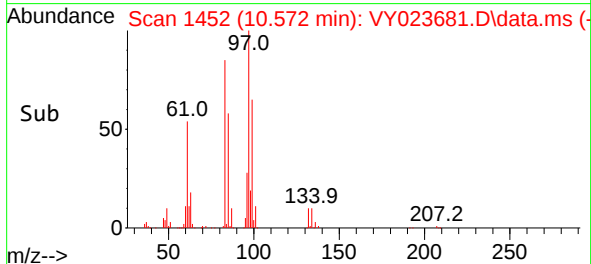
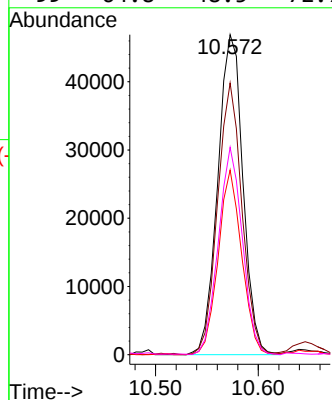
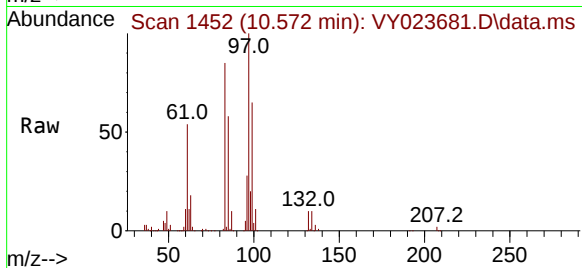




#55
1,1,2-Trichloroethane
Concen: 20.334 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

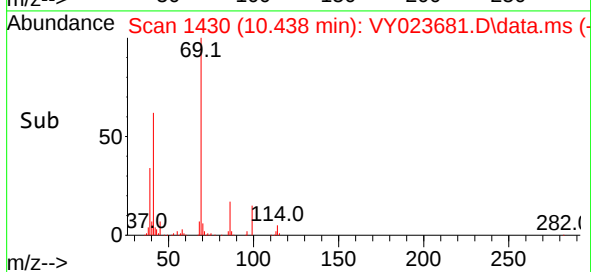
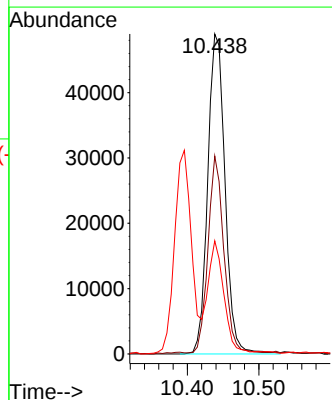
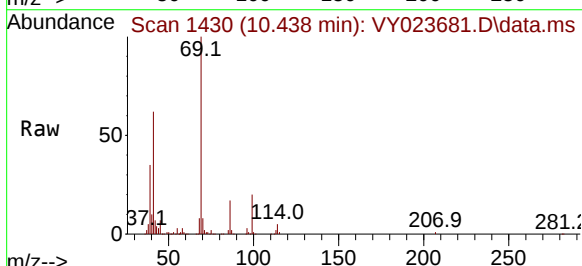
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

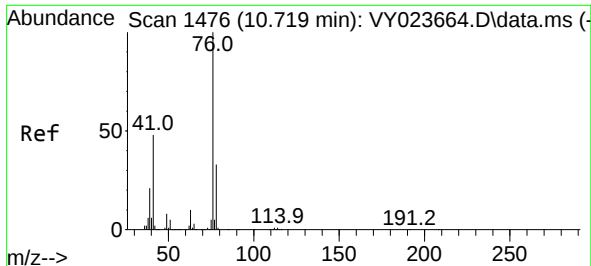
Tgt Ion:	97	Resp:	79773
Ion	Ratio	Lower	Upper
97	100		
83	84.8	63.3	94.9
85	57.7	42.4	63.6
99	64.8	48.5	72.7



#56
Ethyl methacrylate
Concen: 19.042 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion:	69	Resp:	82311
Ion	Ratio	Lower	Upper
69	100		
41	56.1	45.0	67.4
39	31.1	25.1	37.7





#57

1,3-Dichloropropane

Concen: 19.993 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

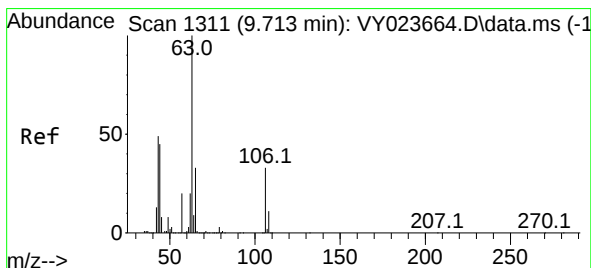
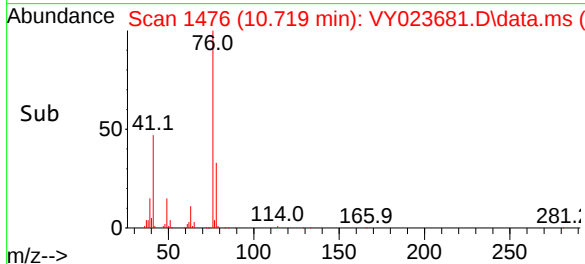
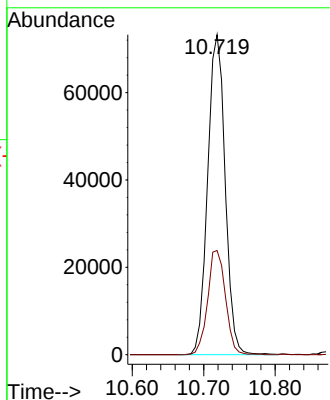
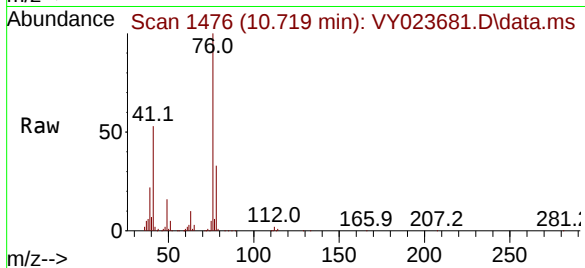
VY1105SBS01

Tgt Ion: 76 Resp: 124412

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 95.413 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023681.D

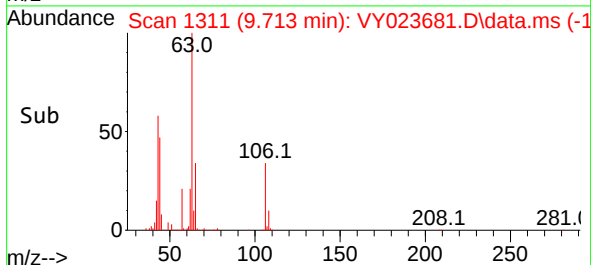
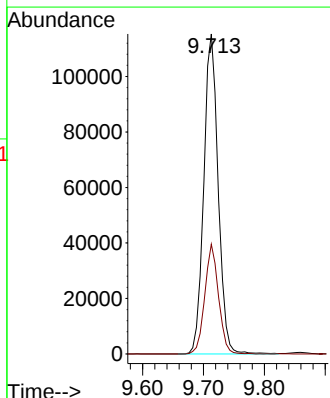
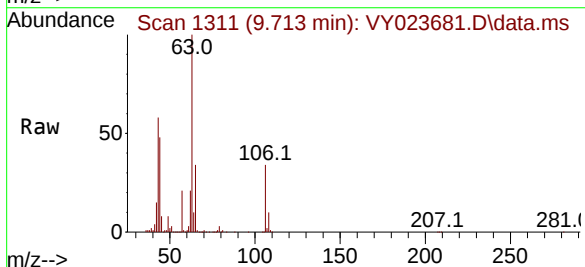
Acq: 05 Nov 2025 10:27

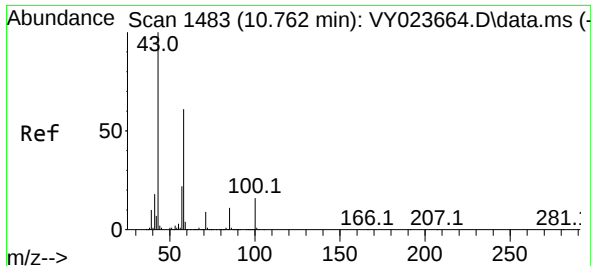
Tgt Ion: 63 Resp: 189252

Ion Ratio Lower Upper

63 100

106 32.7 26.2 39.2





#59

2-Hexanone

Concen: 101.978 ug/l

RT: 10.761 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

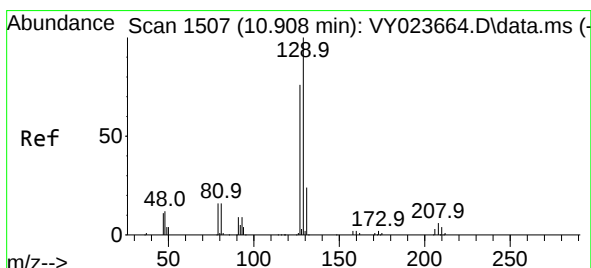
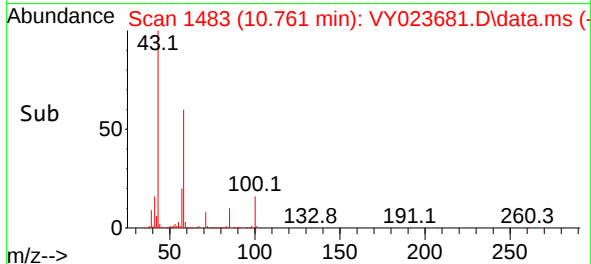
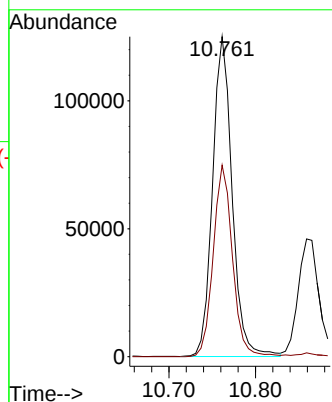
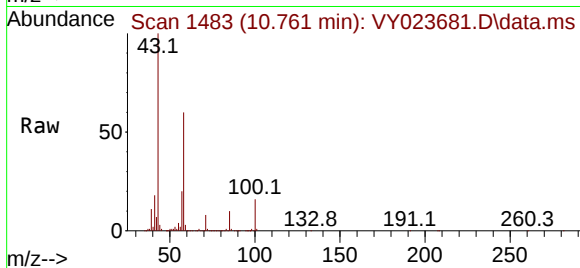
VY1105SBS01

Tgt Ion: 43 Resp: 196007

Ion Ratio Lower Upper

43 100

58 59.0 30.2 90.6



#60

Dibromochloromethane

Concen: 19.793 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023681.D

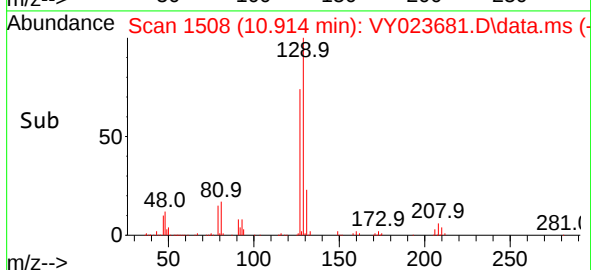
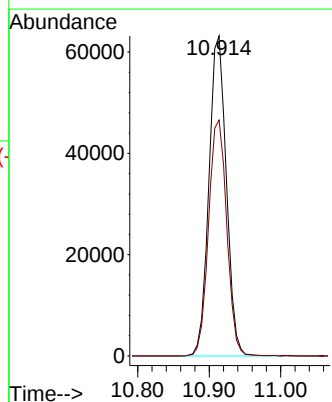
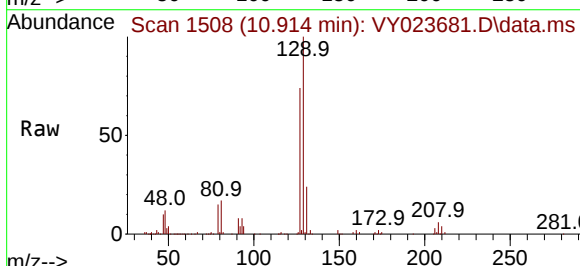
Acq: 05 Nov 2025 10:27

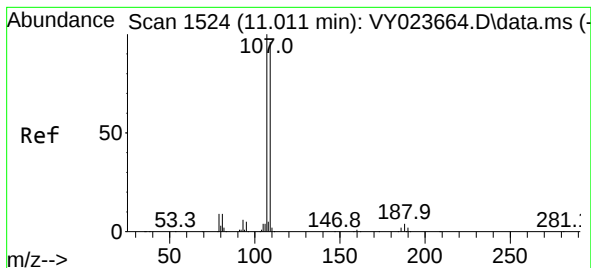
Tgt Ion:129 Resp: 106694

Ion Ratio Lower Upper

129 100

127 77.0 38.4 115.2

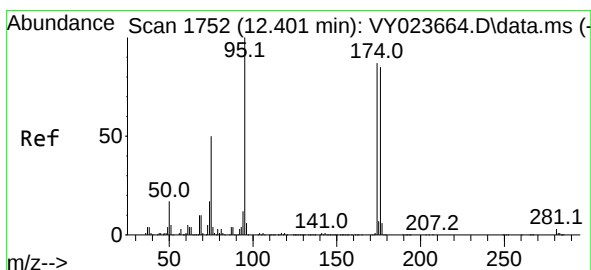
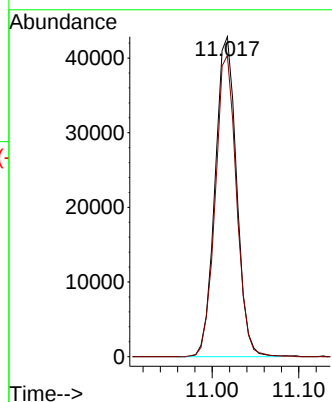
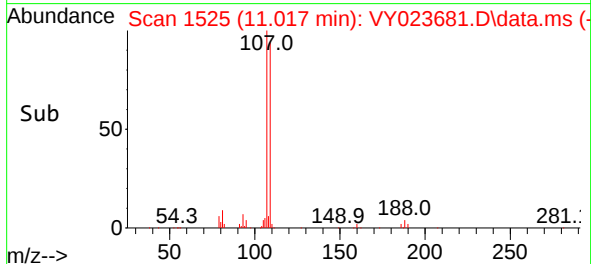
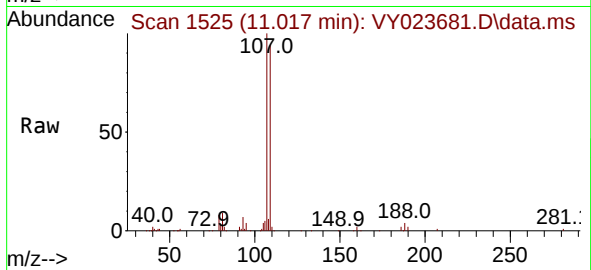




#61
1,2-Dibromoethane
Concen: 20.026 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

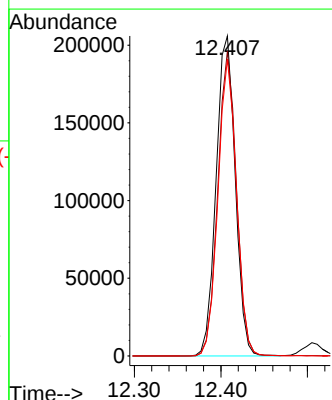
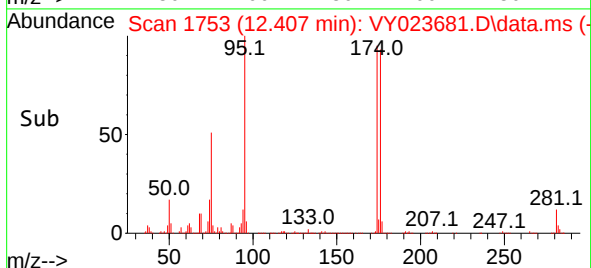
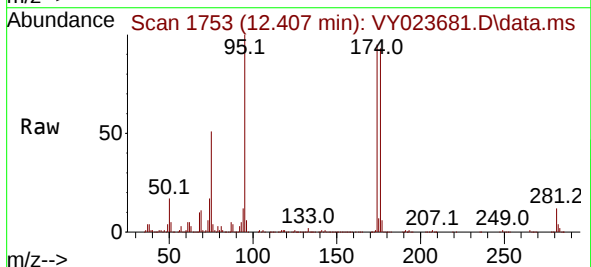
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

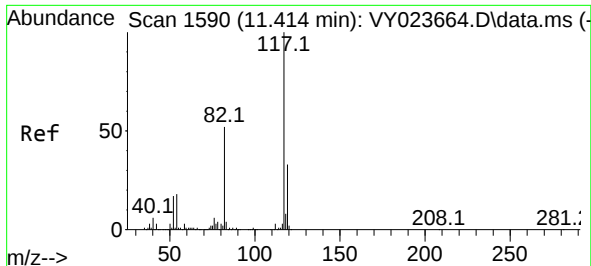
Tgt Ion:107 Resp: 73733
Ion Ratio Lower Upper
107 100
109 93.2 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 51.509 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 95 Resp: 316262
Ion Ratio Lower Upper
95 100
174 92.8 0.0 184.8
176 89.9 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

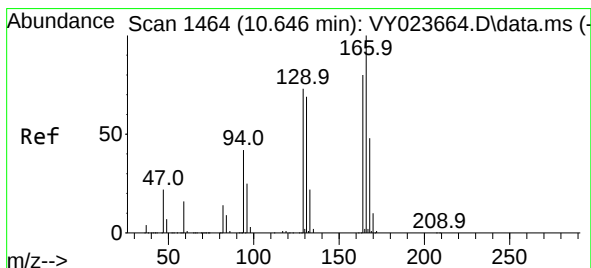
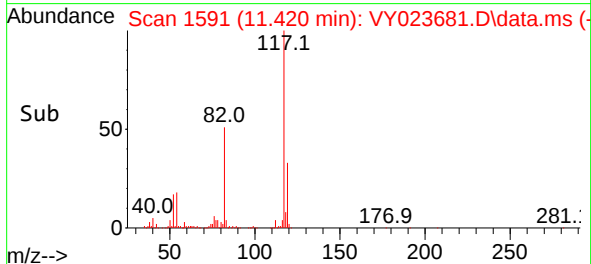
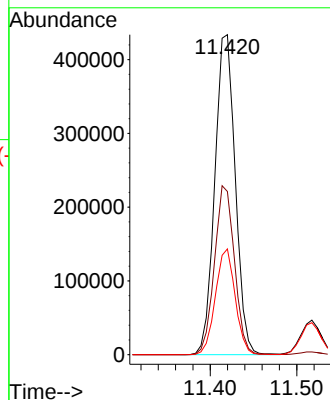
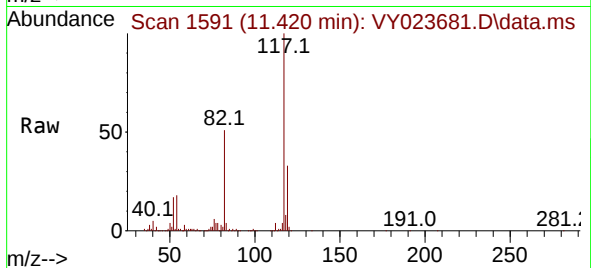
Tgt Ion:117 Resp: 711939

Ion Ratio Lower Upper

117 100

82 51.0 41.2 61.8

119 33.1 26.2 39.2



#64

Tetrachloroethene

Concen: 19.908 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Tgt Ion:164 Resp: 147519

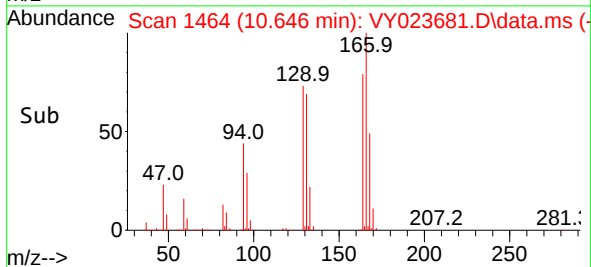
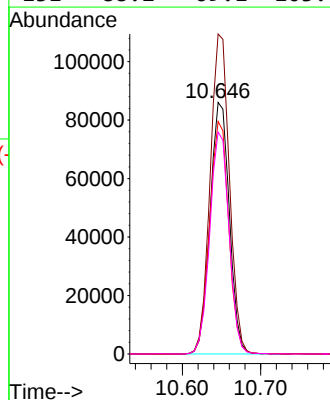
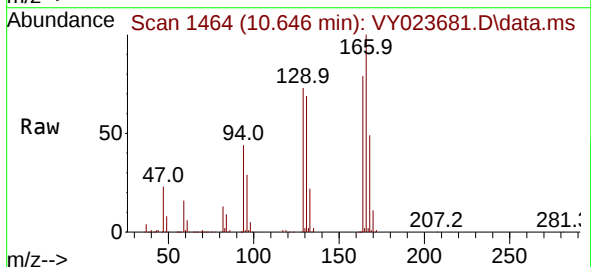
Ion Ratio Lower Upper

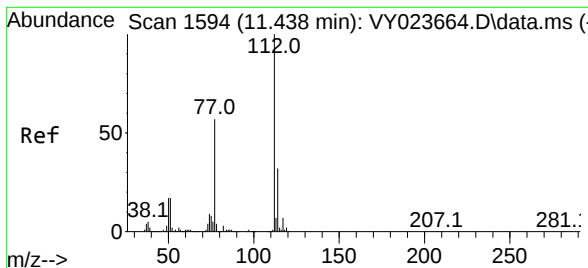
164 100

166 127.2 99.5 149.3

129 92.5 72.3 108.5

131 88.2 69.1 103.7





#65

Chlorobenzene

Concen: 20.316 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

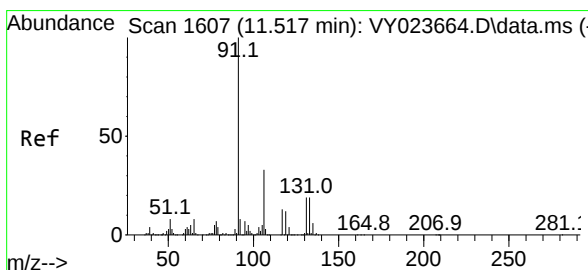
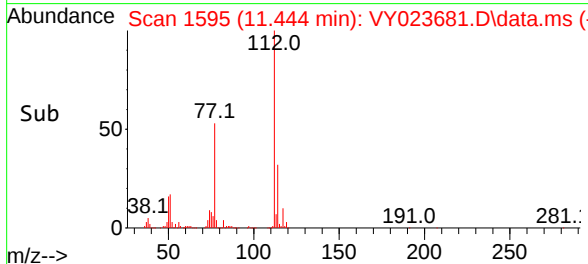
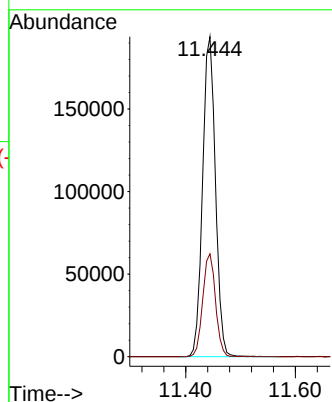
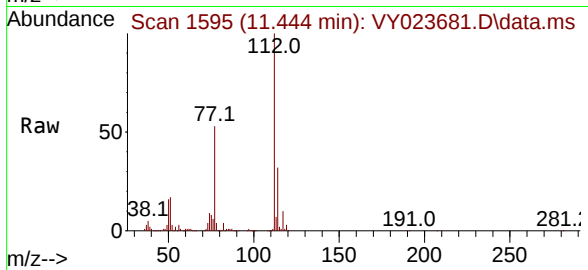
VY1105SBS01

Tgt Ion:112 Resp: 314880

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.679 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

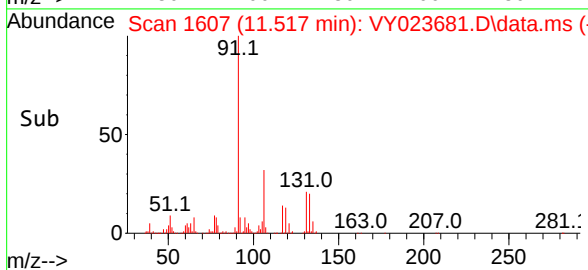
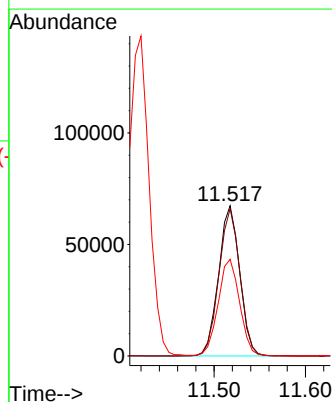
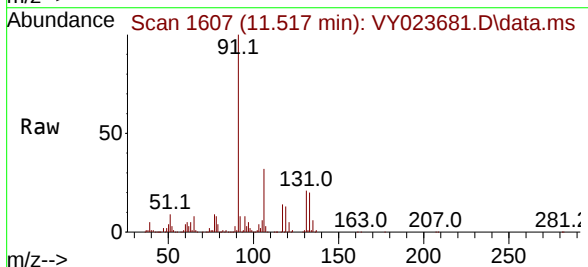
Tgt Ion:131 Resp: 107849

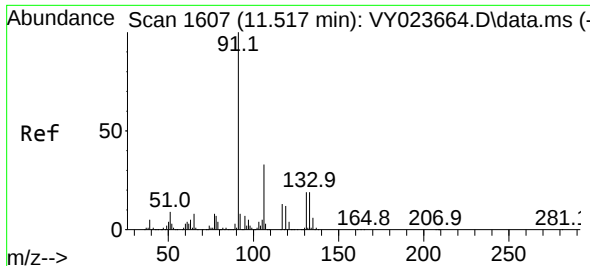
Ion Ratio Lower Upper

131 100

133 98.2 47.3 141.8

119 65.8 32.5 97.4

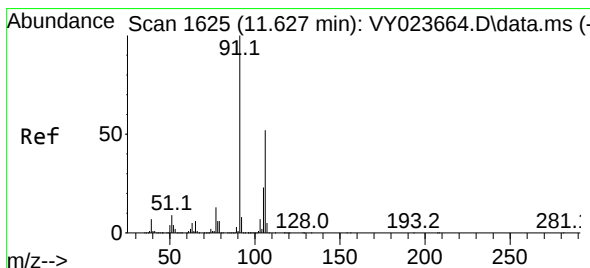
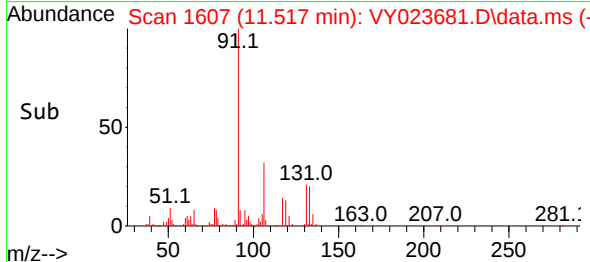
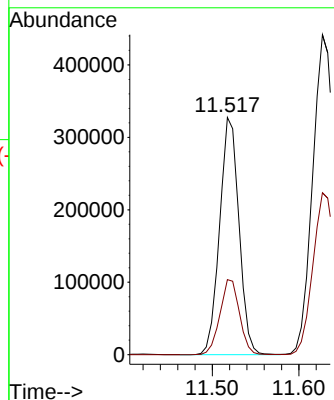
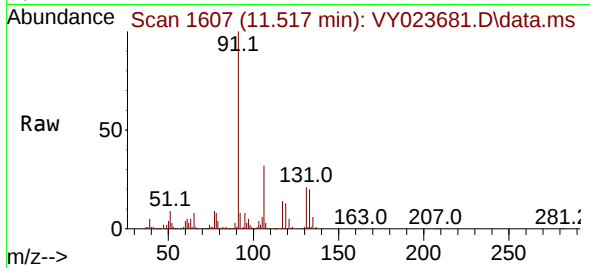




#67
Ethyl Benzene
Concen: 20.263 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

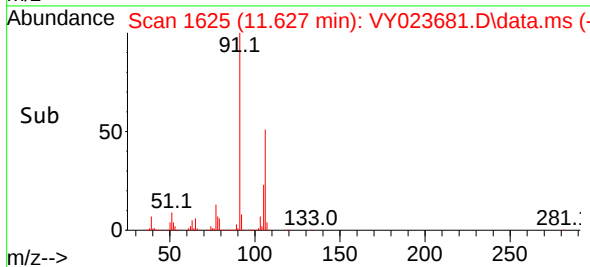
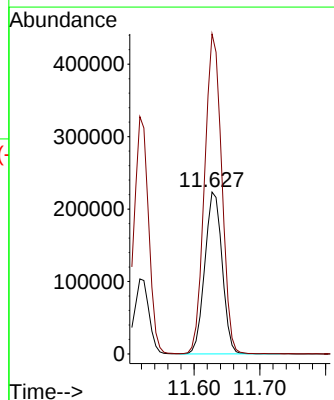
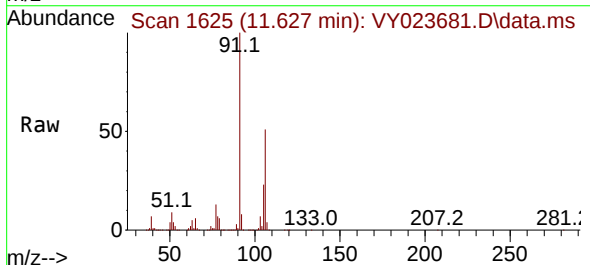
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

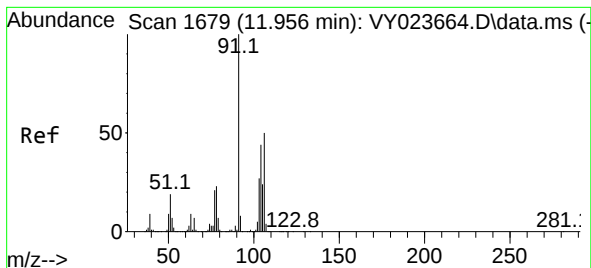
Tgt Ion: 91 Resp: 508281
Ion Ratio Lower Upper
91 100
106 31.6 26.6 40.0



#68
m/p-Xylenes
Concen: 40.782 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion:106 Resp: 408721
Ion Ratio Lower Upper
106 100
91 195.8 154.3 231.5

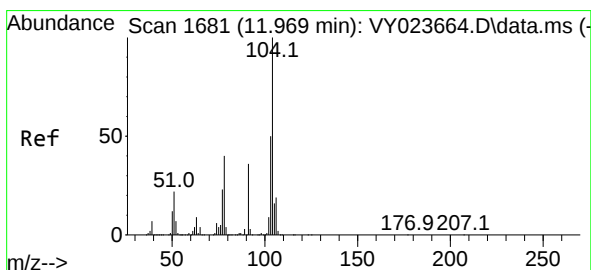
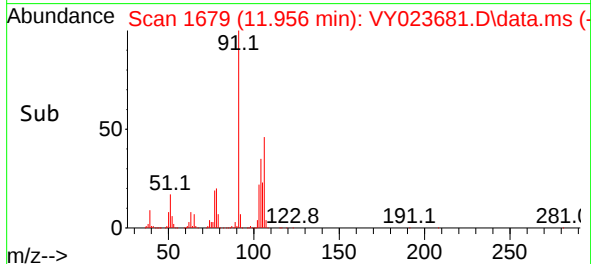
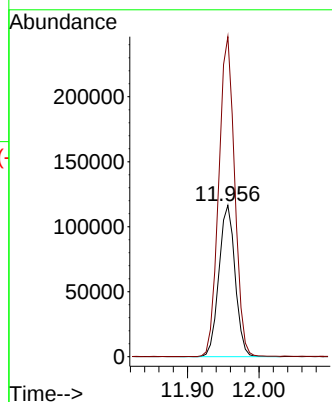
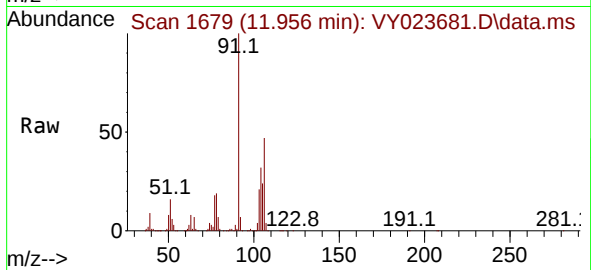




#69
o-Xylene
Concen: 19.734 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

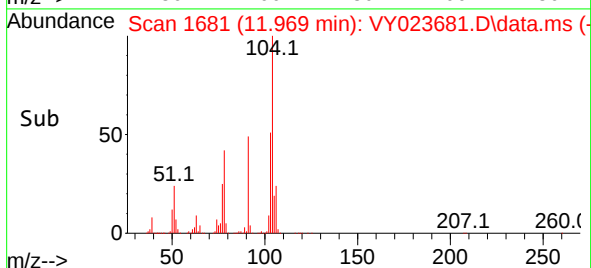
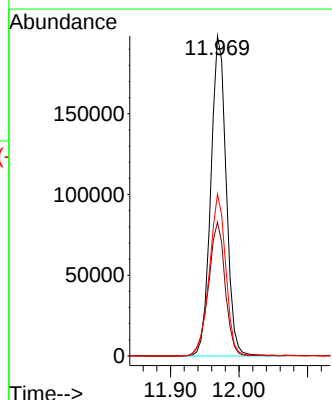
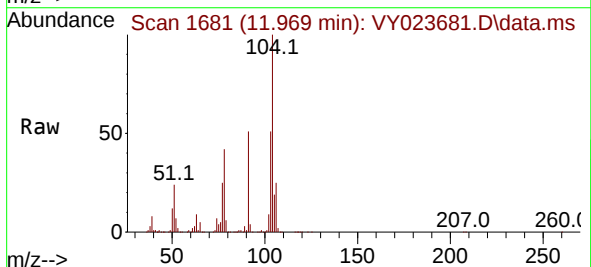
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

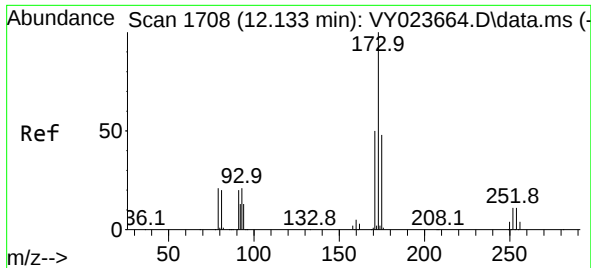
Tgt Ion:106 Resp: 182822
Ion Ratio Lower Upper
106 100
91 208.6 101.6 304.6



#70
Styrene
Concen: 20.225 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion:104 Resp: 309154
Ion Ratio Lower Upper
104 100
78 45.5 36.5 54.7
103 54.0 43.7 65.5

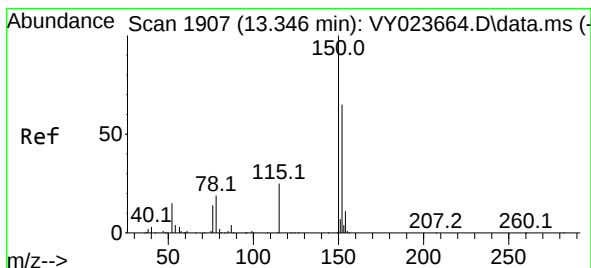
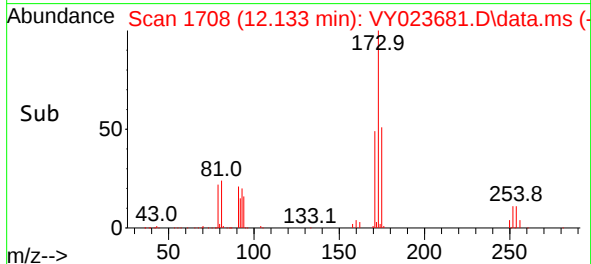
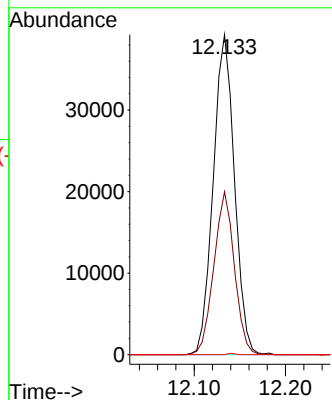
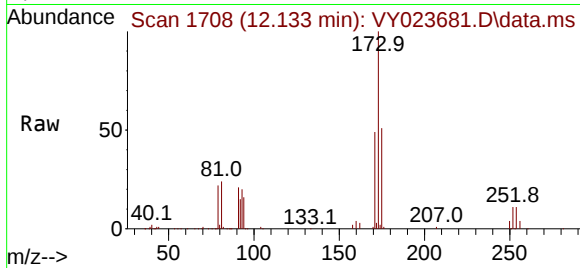




#71
Bromoform
Concen: 19.784 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

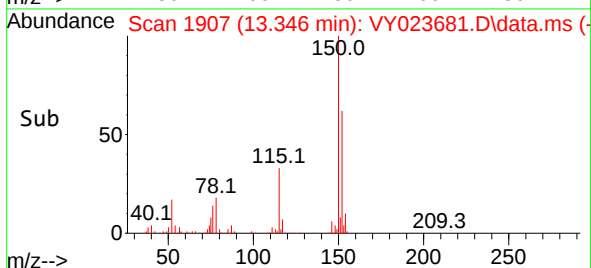
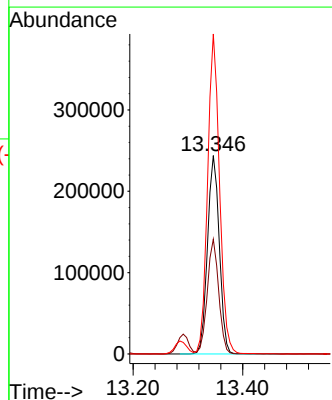
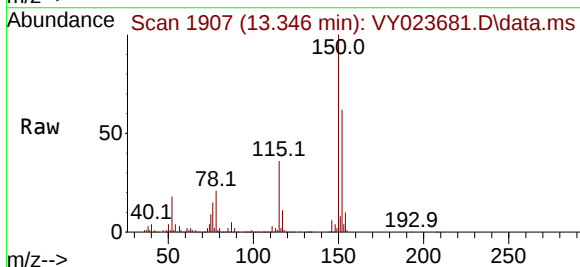
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

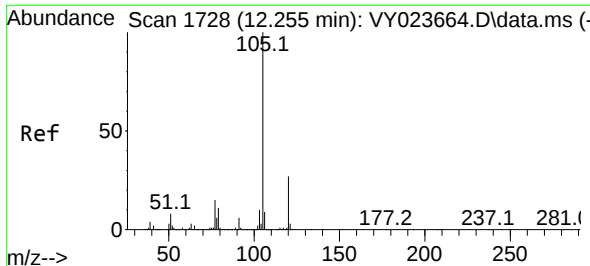
Tgt Ion:173 Resp: 63326
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion:152 Resp: 362731
Ion Ratio Lower Upper
152 100
115 55.8 27.5 82.5
150 163.0 0.0 349.0

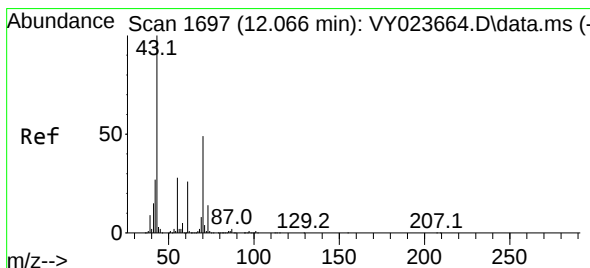
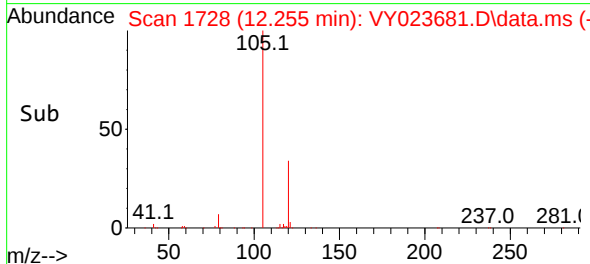
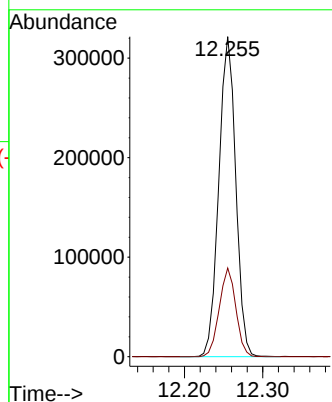
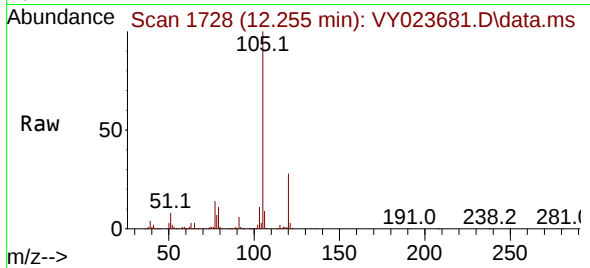




#73
Isopropylbenzene
Concen: 19.958 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

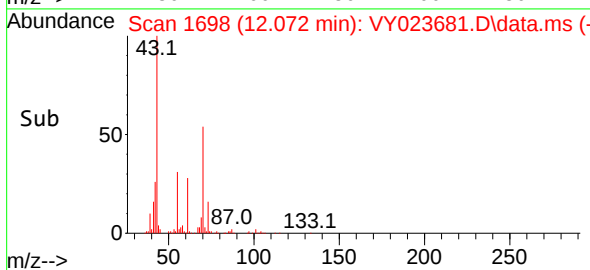
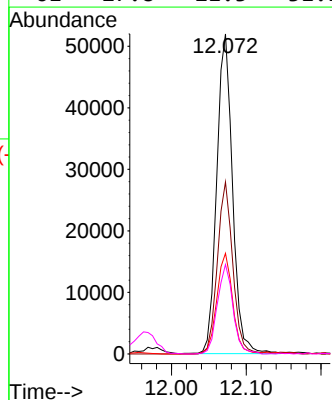
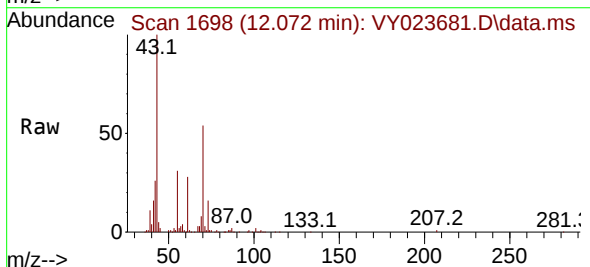
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

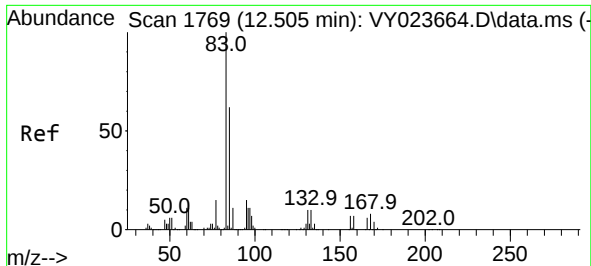
Tgt Ion:105 Resp: 484187
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 18.530 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 43 Resp: 76109
Ion Ratio Lower Upper
43 100
70 52.5 40.1 60.1
55 31.9 23.0 34.6
61 27.8 21.3 31.9

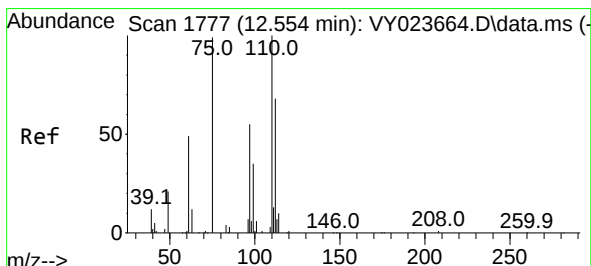
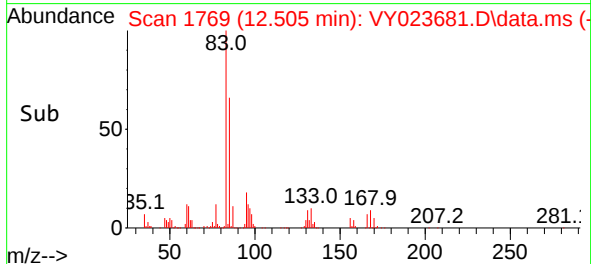
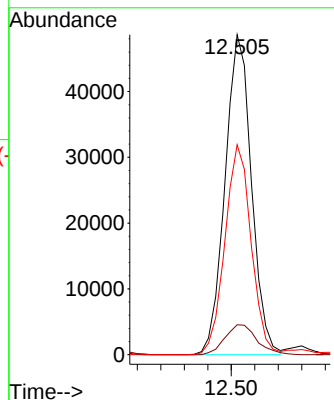
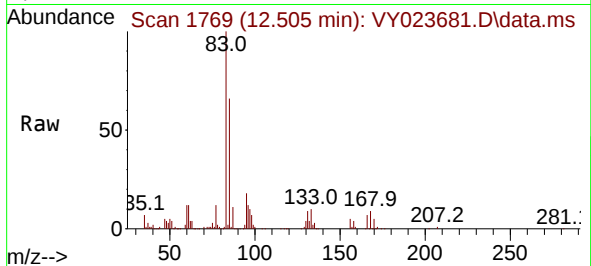




#75
1,1,2,2-Tetrachloroethane
Concen: 19.623 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

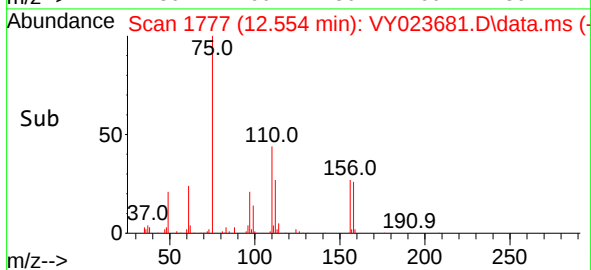
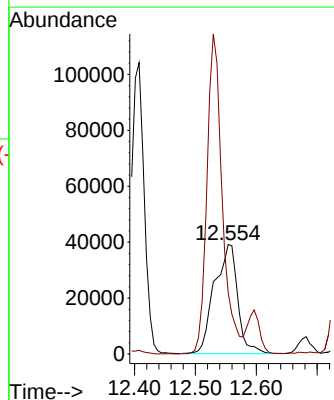
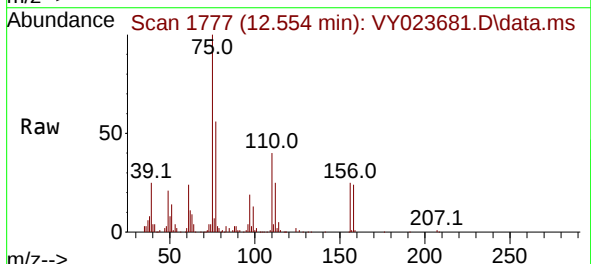
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

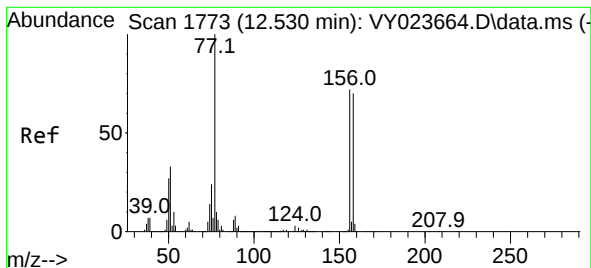
Tgt Ion: 83 Resp: 76032
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.0
85 65.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 35.157 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 75 Resp: 103208
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.886 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

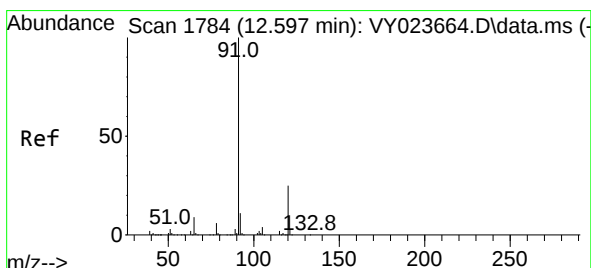
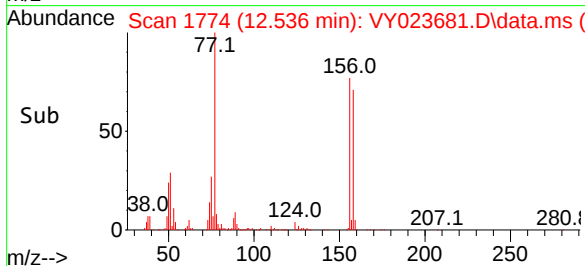
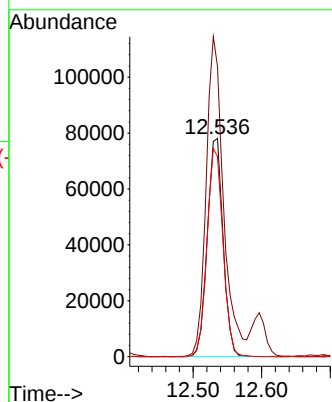
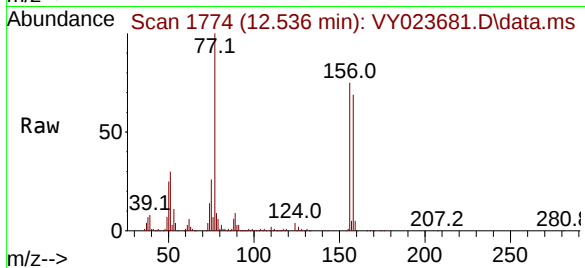
Tgt Ion:156 Resp: 125138

Ion Ratio Lower Upper

156 100

77 161.4 77.9 233.7

158 96.0 48.5 145.5



#78

n-propylbenzene

Concen: 20.452 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023681.D

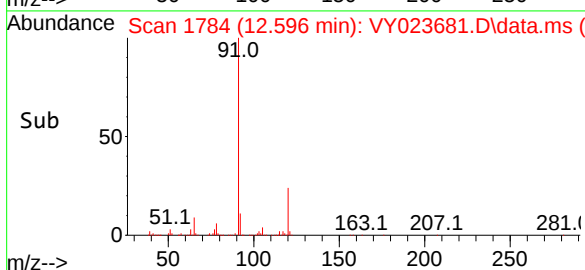
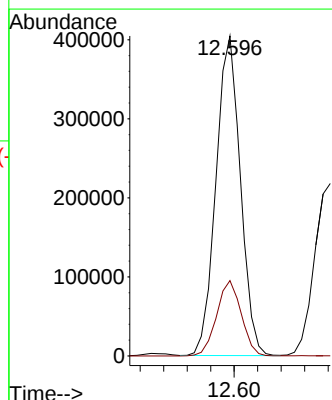
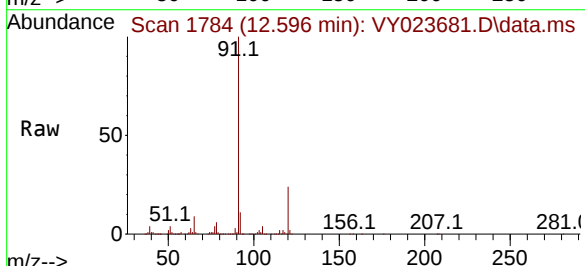
Acq: 05 Nov 2025 10:27

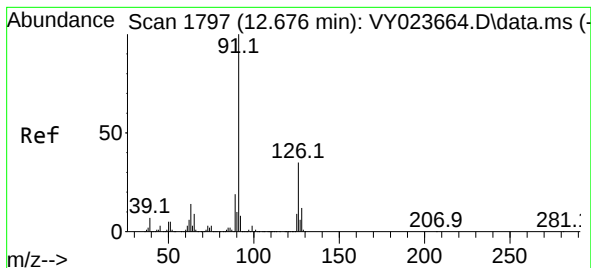
Tgt Ion: 91 Resp: 583608

Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.1

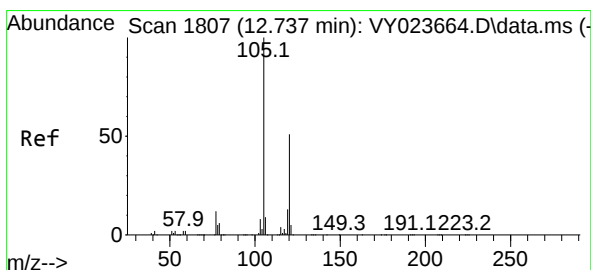
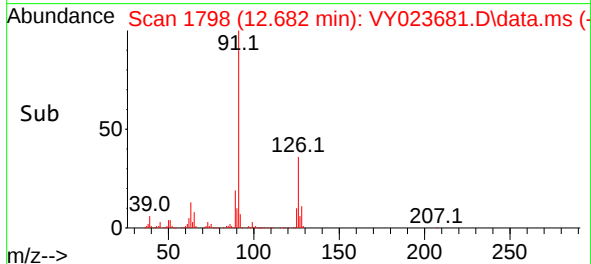
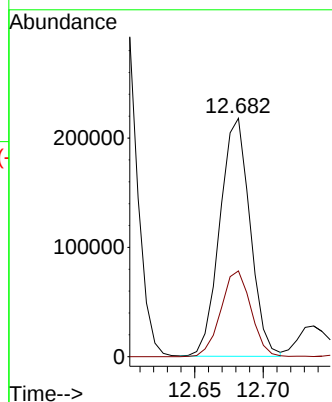
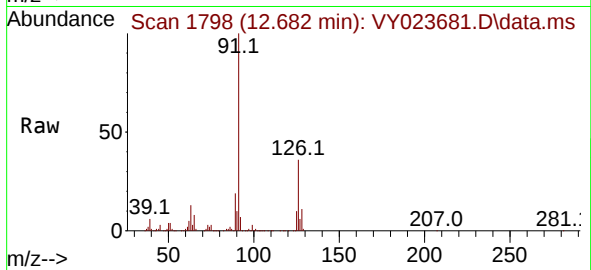




#79
2-Chlorotoluene
Concen: 20.201 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

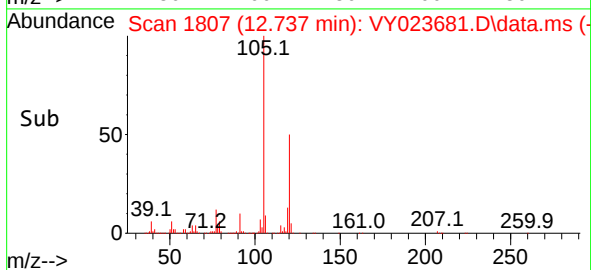
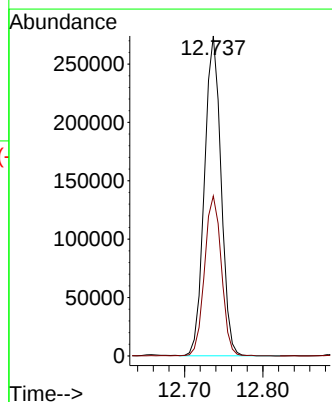
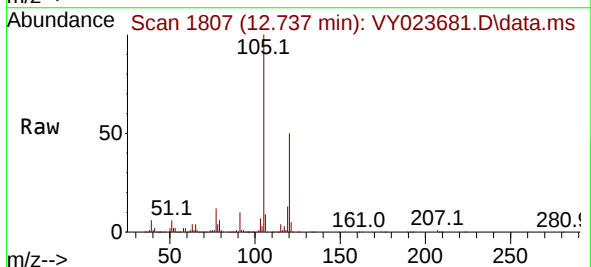
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

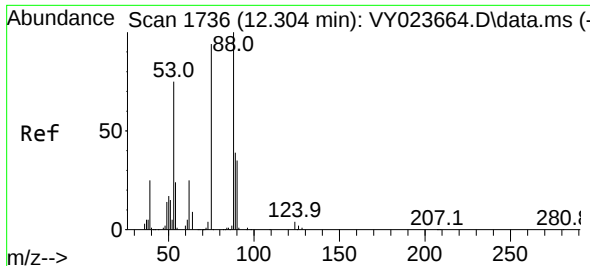
Tgt Ion: 91 Resp: 334508
Ion Ratio Lower Upper
91 100
126 36.0 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.431 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 105 Resp: 402719
Ion Ratio Lower Upper
105 100
120 50.7 25.4 76.2

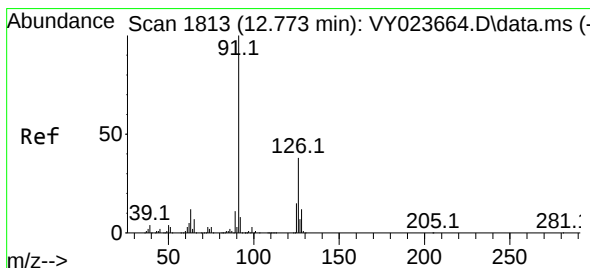
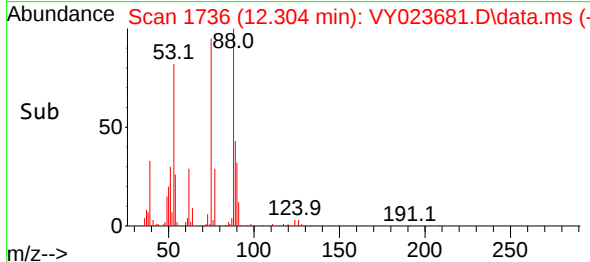
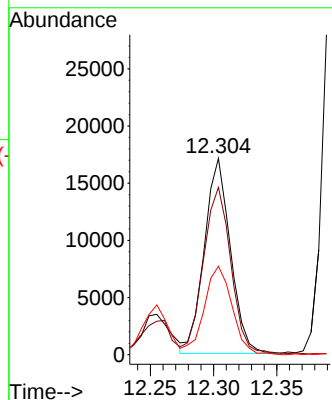
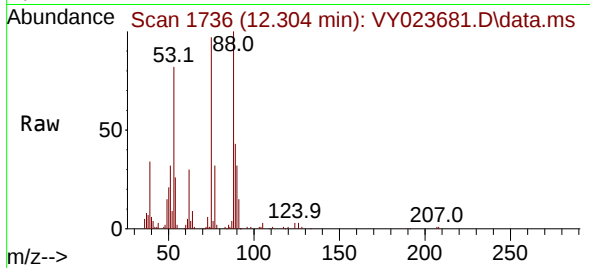




#81
trans-1,4-Dichloro-2-butene
Concen: 18.899 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

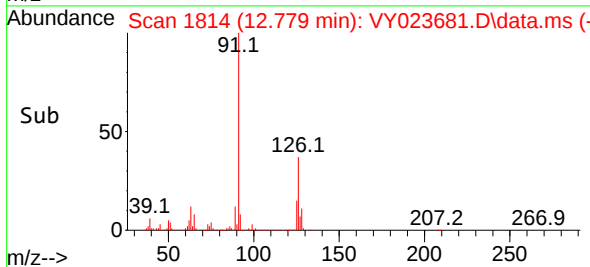
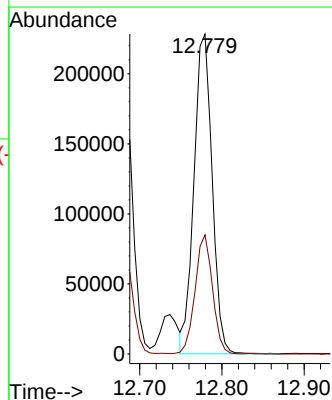
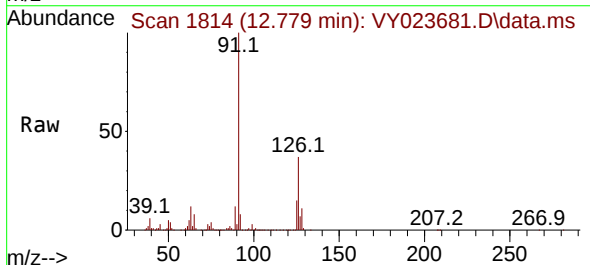
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

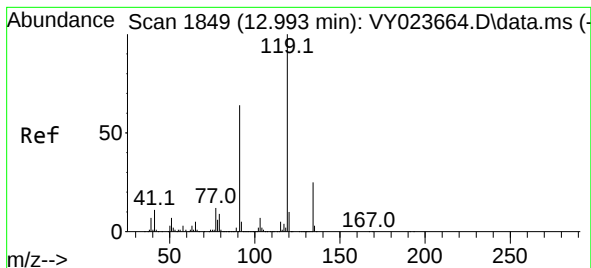
Tgt Ion: 75 Resp: 24549
Ion Ratio Lower Upper
75 100
53 90.5 69.6 104.4
89 48.3 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.480 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 91 Resp: 349743
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.4





#83

tert-Butylbenzene

Concen: 19.809 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

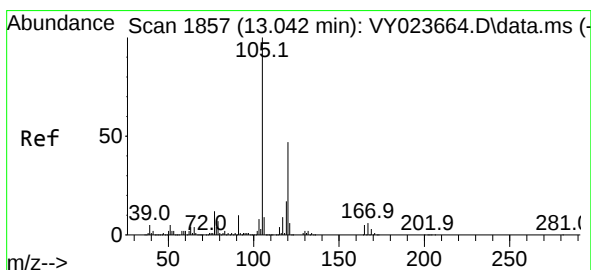
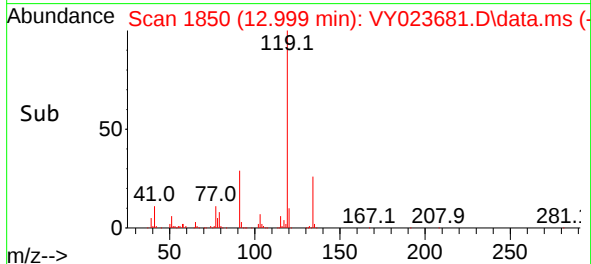
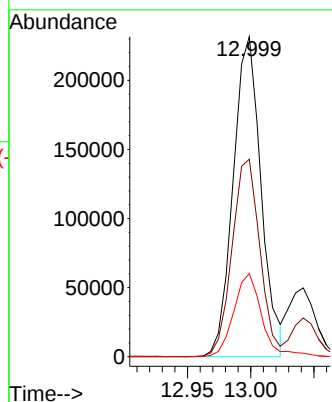
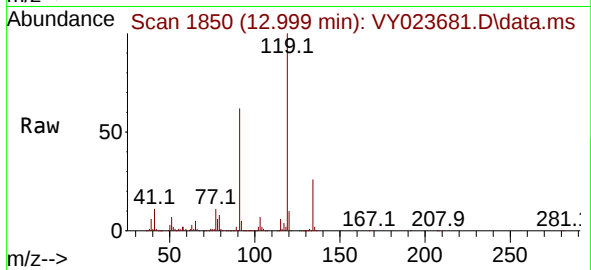
Tgt Ion:119 Resp: 355623

Ion Ratio Lower Upper

119 100

91 61.5 30.7 92.1

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.458 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023681.D

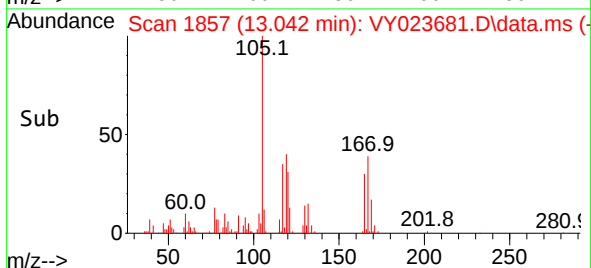
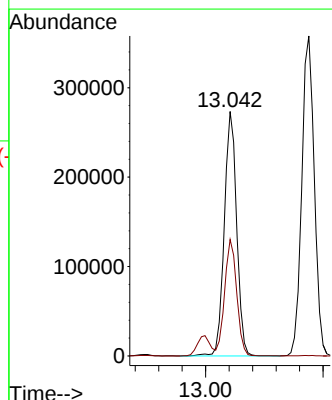
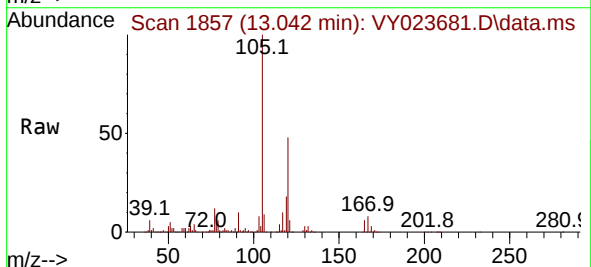
Acq: 05 Nov 2025 10:27

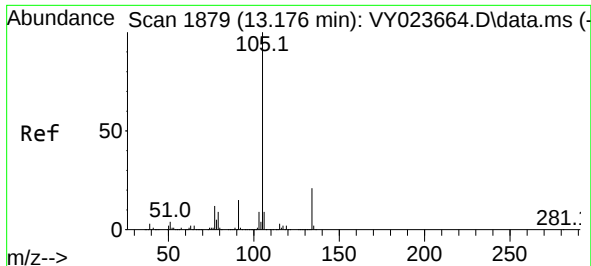
Tgt Ion:105 Resp: 399396

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6

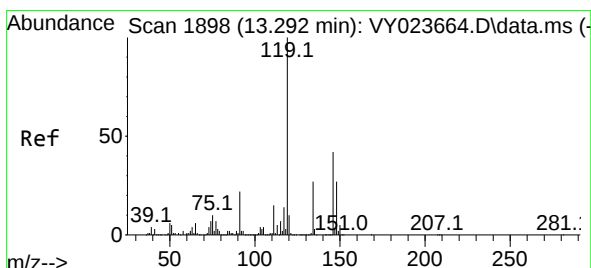
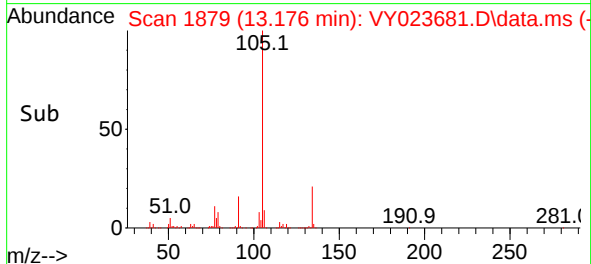
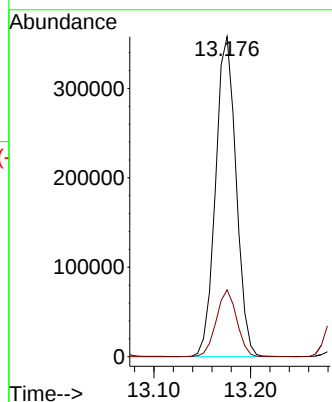
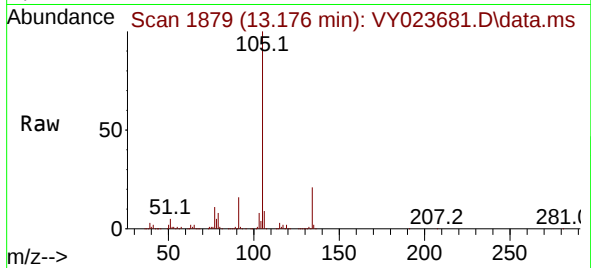




#85
 sec-Butylbenzene
 Concen: 20.354 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023681.D
 Acq: 05 Nov 2025 10:27

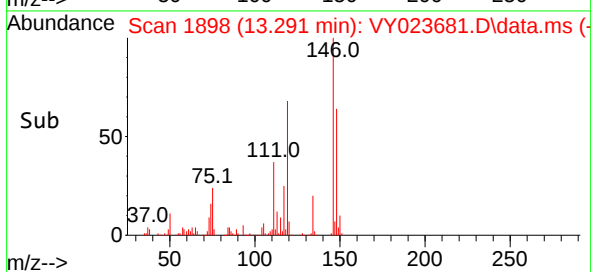
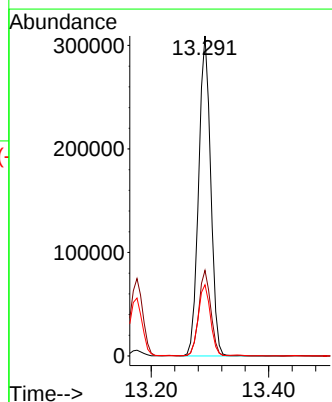
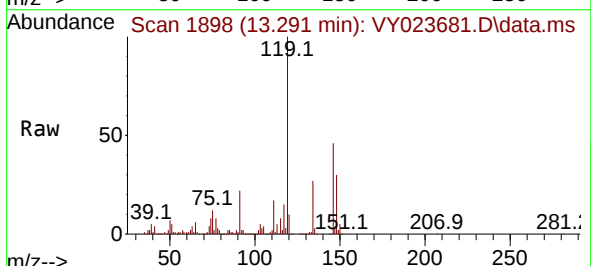
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

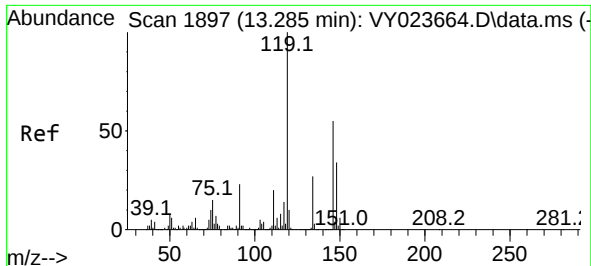
Tgt Ion:105 Resp: 527047
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.102 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023681.D
 Acq: 05 Nov 2025 10:27

Tgt Ion:119 Resp: 440628
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 22.3 11.1 33.1

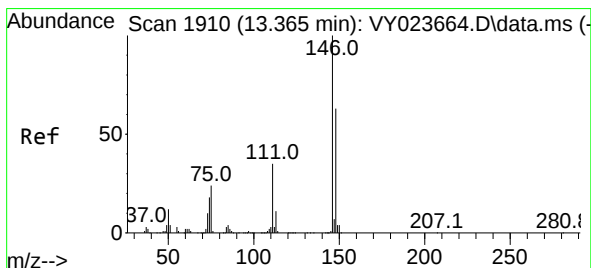
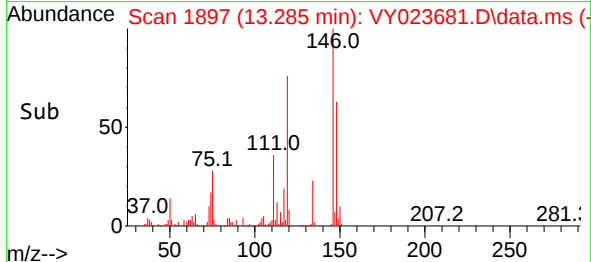
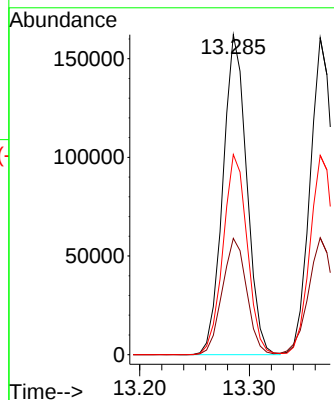
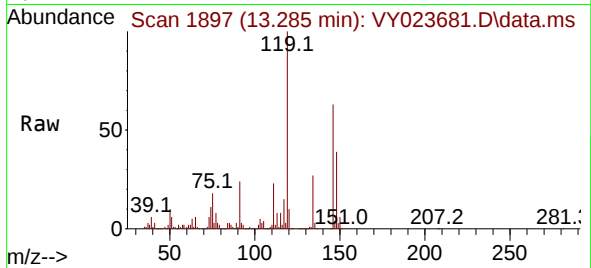




#87
 1,3-Dichlorobenzene
 Concen: 19.778 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023681.D
 Acq: 05 Nov 2025 10:27

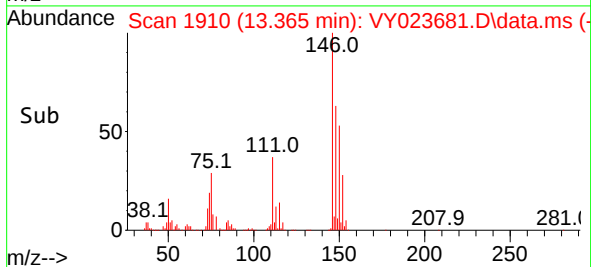
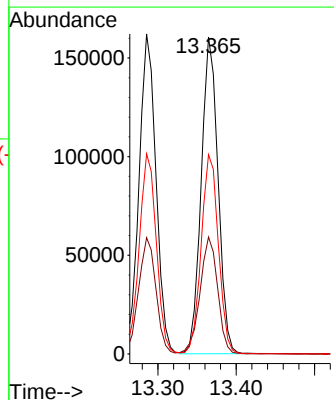
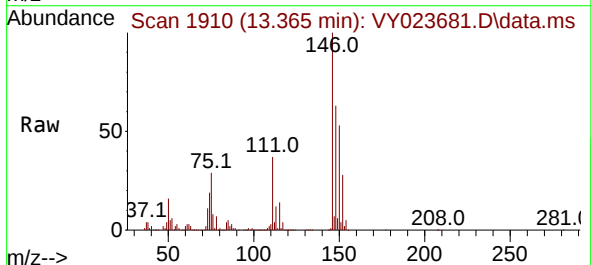
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

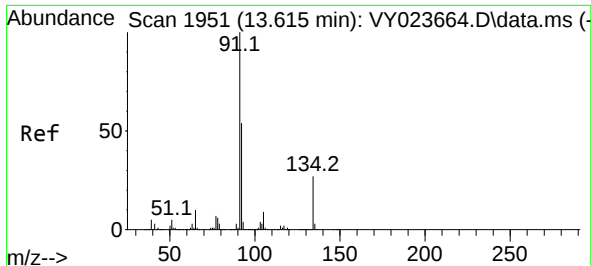
Tgt Ion:146 Resp: 244964
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.8 56.3
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.645 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023681.D
 Acq: 05 Nov 2025 10:27

Tgt Ion:146 Resp: 239016
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.3 54.8
 148 64.5 31.8 95.3

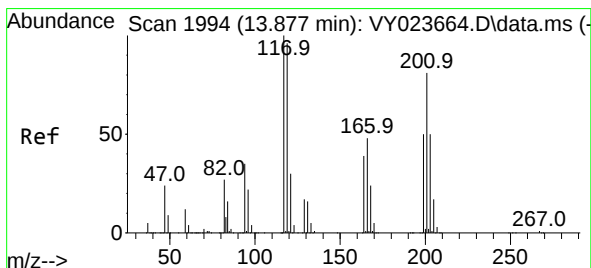
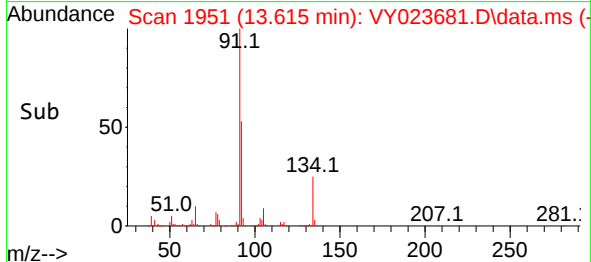
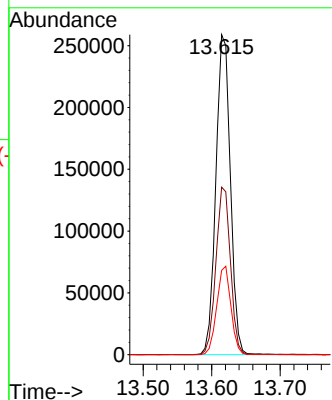
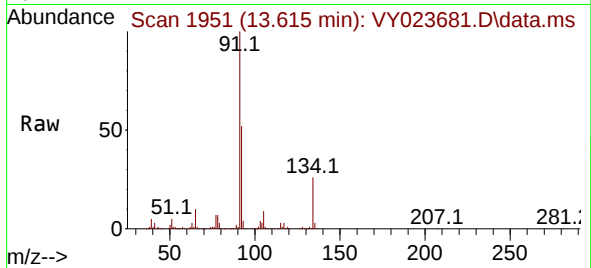




#89
n-Butylbenzene
Concen: 19.890 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

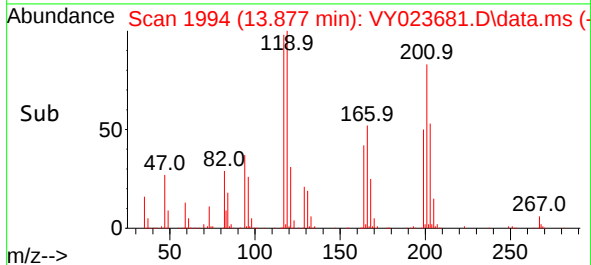
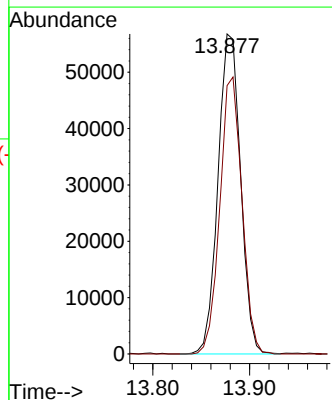
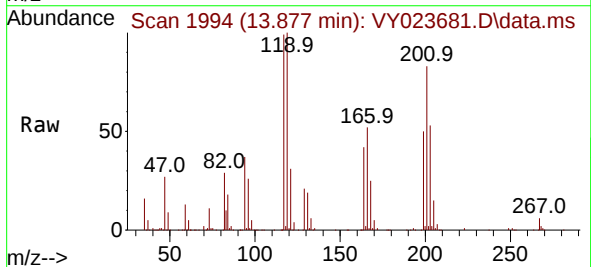
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

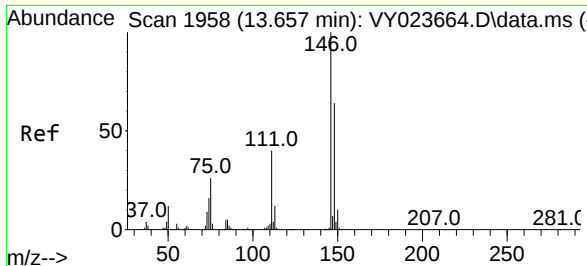
Tgt Ion: 91 Resp: 379118
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.4
134 27.0 13.7 41.1



#90
Hexachloroethane
Concen: 19.527 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 117 Resp: 91984
Ion Ratio Lower Upper
117 100
201 84.7 42.3 126.8

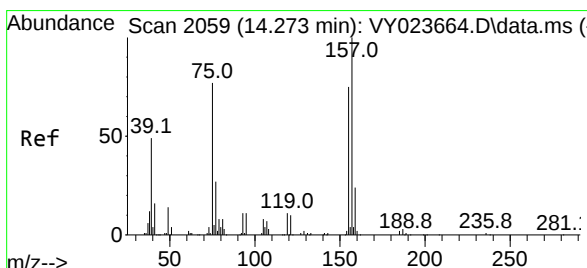
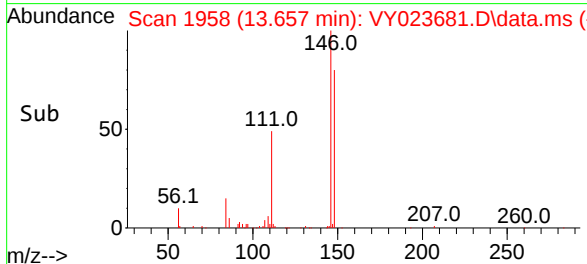
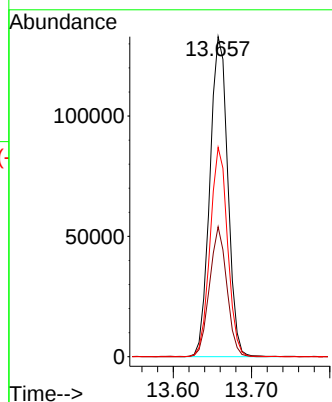
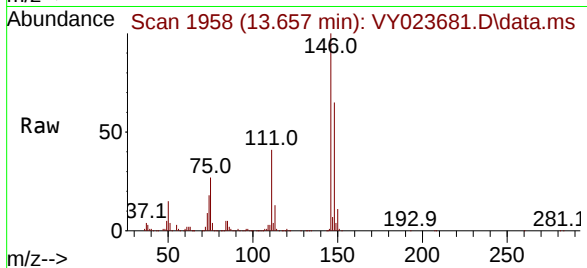




#91
1,2-Dichlorobenzene
Concen: 19.774 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

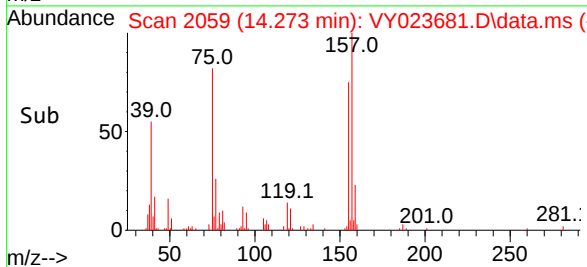
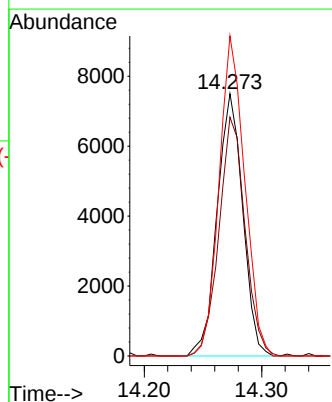
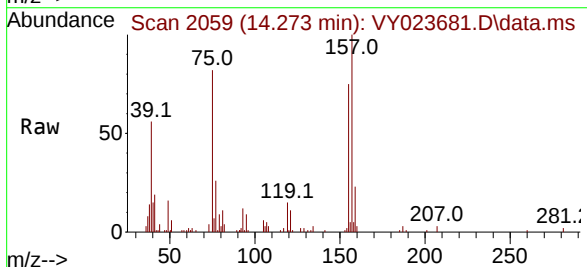
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

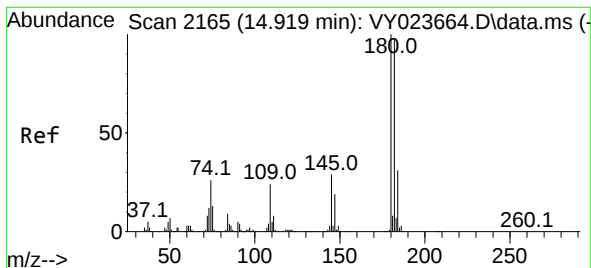
Tgt Ion:146 Resp: 211063
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.0 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.941 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion: 75 Resp: 11300
Ion Ratio Lower Upper
75 100
155 92.9 49.4 148.2
157 122.7 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 18.279 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

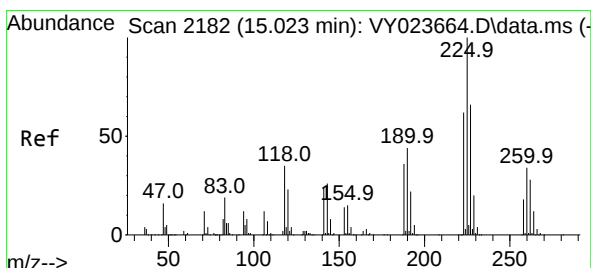
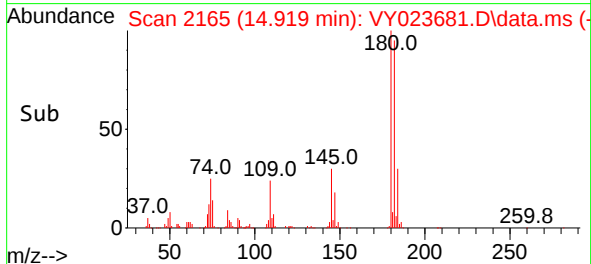
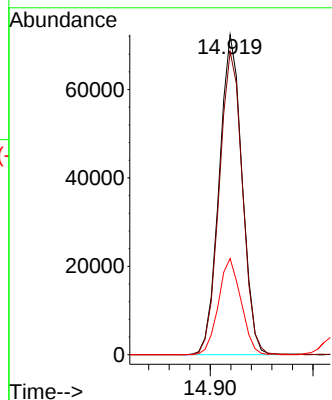
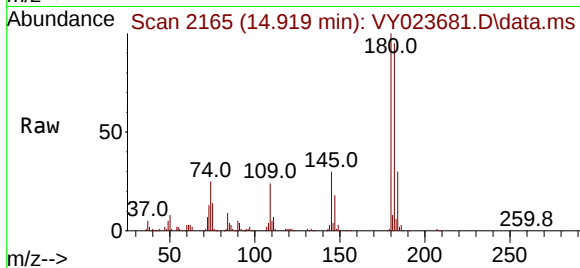
Tgt Ion:180 Resp: 111597

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.6

145 29.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 19.361 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023681.D

Acq: 05 Nov 2025 10:27

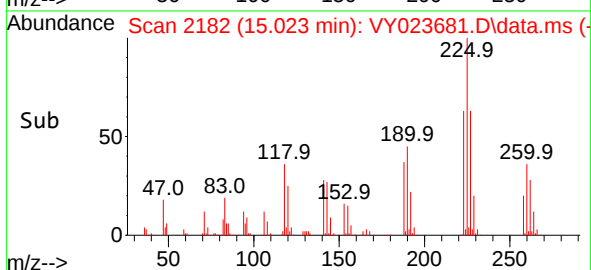
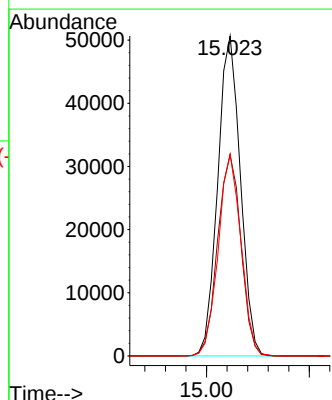
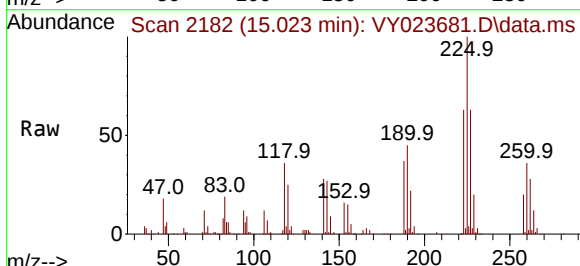
Tgt Ion:225 Resp: 77450

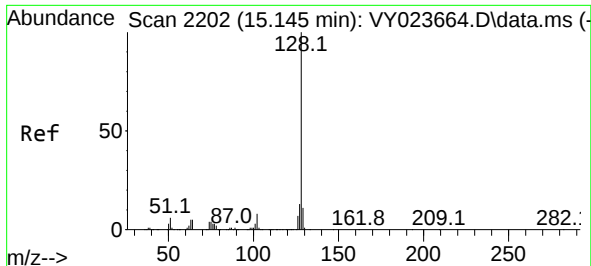
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 63.1 32.0 96.2

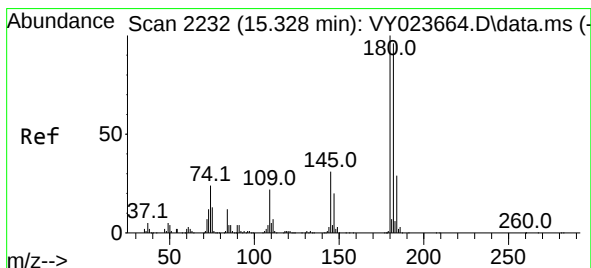
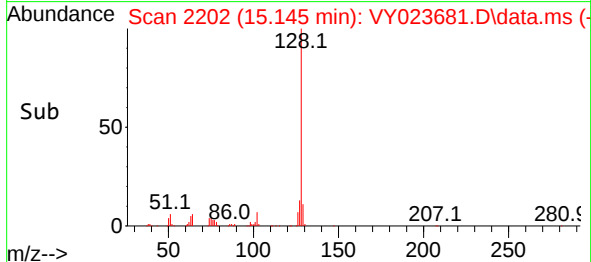
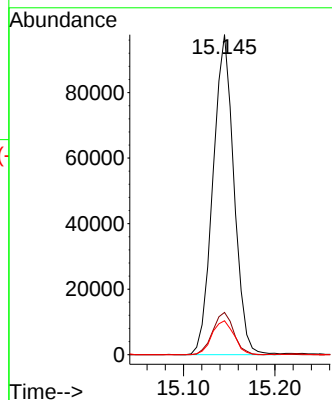
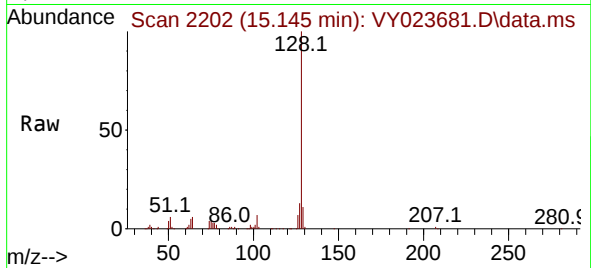




#95
Naphthalene
Concen: 18.293 ug/l
RT: 15.145 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tgt Ion:128 Resp: 155447
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.377 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023681.D
Acq: 05 Nov 2025 10:27

Tgt Ion:180 Resp: 93740
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.6
145 31.5 15.5 46.5

