

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023732.D
 Acq On : 11 Nov 2025 11:53
 Operator : SY/MD
 Sample : VY1111SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBSD01

Quant Time: Nov 12 03:33:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	584802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	861663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	746154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	364250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	244489	49.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.000%	
35) Dibromofluoromethane	7.640	113	267750	50.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.140%	
50) Toluene-d8	10.109	98	1006553	51.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.407	95	325147	49.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	74585	17.719	ug/l	98
3) Chloromethane	2.074	50	99351	17.326	ug/l	99
4) Vinyl Chloride	2.208	62	124105	16.616	ug/l	100
5) Bromomethane	2.598	94	108187	17.261	ug/l	95
6) Chloroethane	2.738	64	85128	16.721	ug/l	98
7) Trichlorofluoromethane	3.068	101	186452	17.980	ug/l	96
8) Diethyl Ether	3.458	74	53458	19.728	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	108719	20.203	ug/l	98
10) Methyl Iodide	4.013	142	118428	19.768	ug/l	99
11) Tert butyl alcohol	4.866	59	30016	82.506	ug/l	100
12) 1,1-Dichloroethene	3.799	96	103444	19.830	ug/l	96
13) Acrolein	3.659	56	37934	73.793	ug/l	99
14) Allyl chloride	4.391	41	130877	20.586	ug/l	98
15) Acrylonitrile	5.073	53	100093	96.519	ug/l	99
16) Acetone	3.866	43	133600	114.757	ug/l	98
17) Carbon Disulfide	4.110	76	312579	20.936	ug/l	100
18) Methyl Acetate	4.391	43	45196	14.799	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	248957	19.857	ug/l	96
20) Methylene Chloride	4.622	84	117492	18.663	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	116582	20.299	ug/l	98
22) Diisopropyl ether	6.024	45	293783	20.891	ug/l	96
23) Vinyl Acetate	5.963	43	795672	104.531	ug/l	98
24) 1,1-Dichloroethane	5.921	63	188282	20.212	ug/l	98
25) 2-Butanone	6.902	43	151588	106.654	ug/l	91
26) 2,2-Dichloropropane	6.890	77	174486	20.414	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	132358	19.951	ug/l	99
28) Bromochloromethane	7.250	49	75726	21.776	ug/l	94
29) Tetrahydrofuran	7.268	42	74118	91.960	ug/l	99
30) Chloroform	7.427	83	208915	20.413	ug/l	98
31) Cyclohexane	7.707	56	164576	20.231	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	186916	20.097	ug/l	100
36) 1,1-Dichloropropene	7.841	75	141924	20.248	ug/l	99
37) Ethyl Acetate	6.994	43	58494	21.064	ug/l	99
38) Carbon Tetrachloride	7.823	117	168849	19.866	ug/l	100
39) Methylcyclohexane	9.109	83	179404	19.658	ug/l	96
40) Benzene	8.085	78	452196	20.371	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	22682	15.102	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	115908	20.246	ug/l	100
43) Isopropyl Acetate	8.201	43	106329	19.203	ug/l	98
44) Trichloroethene	8.871	130	125692	19.346	ug/l	97
45) 1,2-Dichloropropane	9.146	63	101152	20.630	ug/l	99
46) Dibromomethane	9.231	93	61024	19.683	ug/l	97
47) Bromodichloromethane	9.426	83	156454	20.037	ug/l	100
48) Methyl methacrylate	9.225	41	49765	19.130	ug/l	98
49) 1,4-Dioxane	9.237	88	12131	337.477	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	283377	99.052	ug/l	98
52) Toluene	10.170	92	289669	20.098	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	133466	19.658	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	160934	20.084	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	81811	19.623	ug/l	96
56) Ethyl methacrylate	10.438	69	92131	19.157	ug/l	99
57) 1,3-Dichloropropane	10.719	76	130526	19.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	201952	93.740	ug/l	98
59) 2-Hexanone	10.761	43	212619	103.994	ug/l	98
60) Dibromochloromethane	10.914	129	111927	19.148	ug/l	99
61) 1,2-Dibromoethane	11.017	107	75778	19.058	ug/l	99
64) Tetrachloroethene	10.652	164	148307	19.250	ug/l	98
65) Chlorobenzene	11.444	112	320200	19.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	112422	19.440	ug/l	100
67) Ethyl Benzene	11.517	91	523191	19.917	ug/l	99
68) m/p-Xylenes	11.627	106	411798	39.083	ug/l	95
69) o-Xylene	11.956	106	193071	19.536	ug/l	97
70) Styrene	11.969	104	316366	19.466	ug/l	98
71) Bromoform	12.133	173	66246	18.467	ug/l #	100
73) Isopropylbenzene	12.255	105	502081	20.916	ug/l	98
74) N-amyl acetate	12.072	43	85116	19.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	82289	20.959	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	106866	33.254	ug/l #	100
77) Bromobenzene	12.529	156	127702	20.011	ug/l	95
78) n-propylbenzene	12.596	91	589724	21.230	ug/l	98
79) 2-Chlorotoluene	12.682	91	346705	21.314	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	406568	20.960	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25574	19.514	ug/l	92
82) 4-Chlorotoluene	12.779	91	356039	21.252	ug/l	99
83) tert-Butylbenzene	12.999	119	362869	20.261	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	402954	20.815	ug/l	99
85) sec-Butylbenzene	13.176	105	521774	20.309	ug/l	99
86) p-Isopropyltoluene	13.291	119	439192	20.078	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	245716	19.773	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	241834	19.704	ug/l	98
89) n-Butylbenzene	13.615	91	376531	19.755	ug/l	98
90) Hexachloroethane	13.883	117	91712	19.493	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	211805	19.440	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12104	18.789	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	118415	17.434	ug/l	99
94) Hexachlorobutadiene	15.023	225	73376	17.330	ug/l	98
95) Naphthalene	15.145	128	175633	16.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	97955	16.650	ug/l	99

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

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Quant Title : SW846 8260
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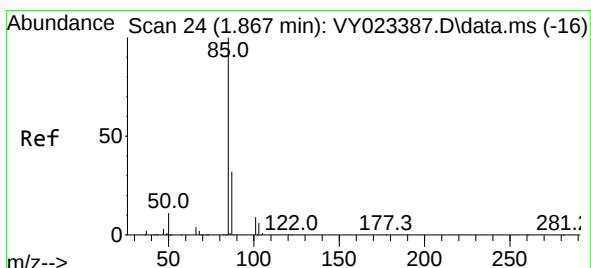
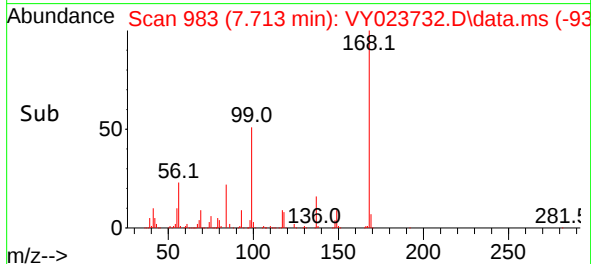
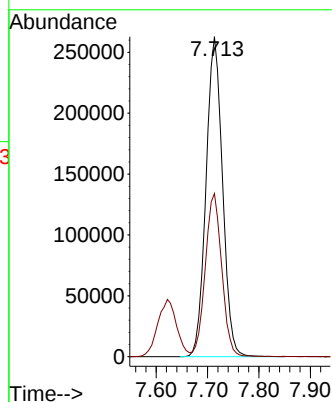
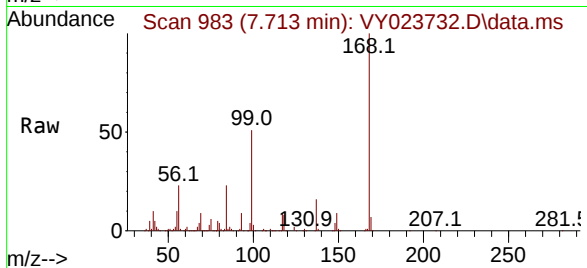




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

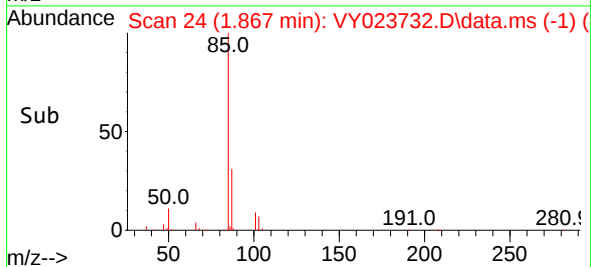
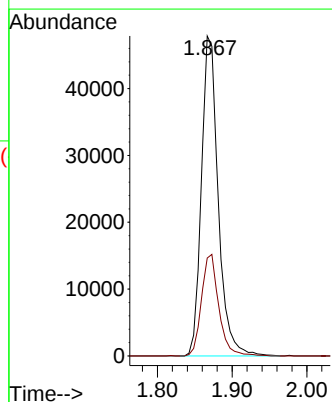
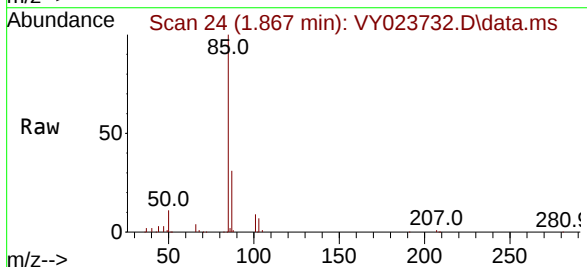
Instrument :
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ClientSampleId :
VY1111SBSD01

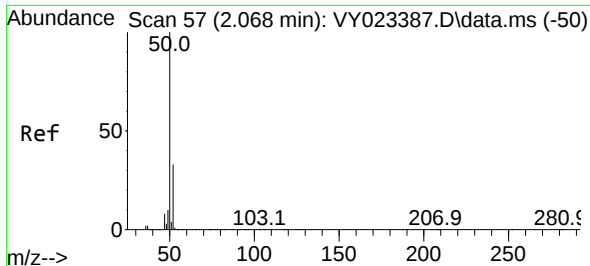
Tgt Ion:168 Resp: 584802
Ion Ratio Lower Upper
168 100
99 50.9 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 17.719 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 85 Resp: 74585
Ion Ratio Lower Upper
85 100
87 30.6 16.0 47.9

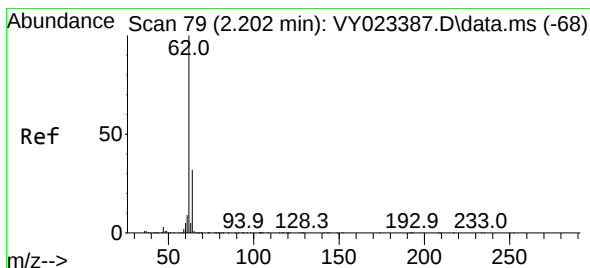
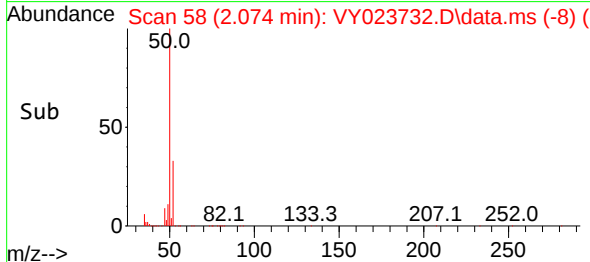
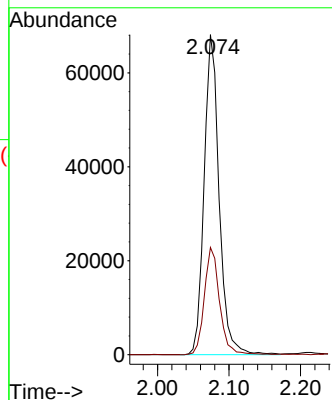
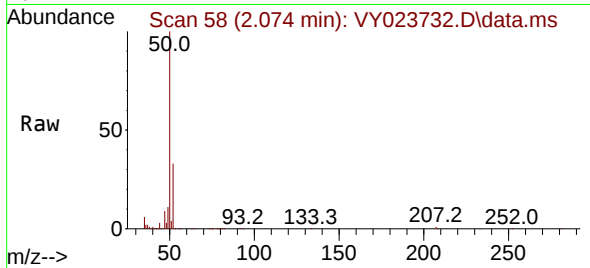




#3
Chloromethane
Concen: 17.326 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

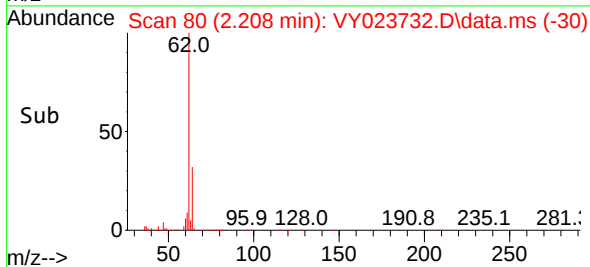
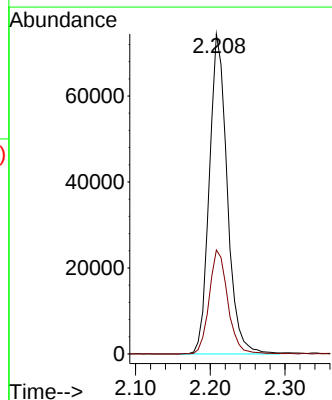
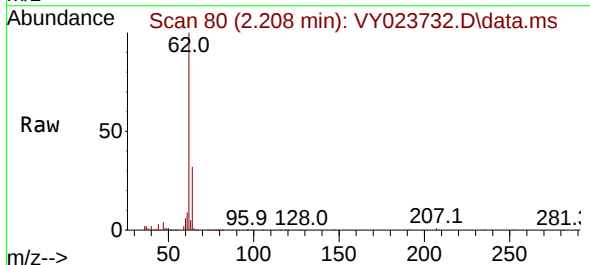
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

Tgt Ion: 50 Resp: 99351
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 16.616 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 62 Resp: 124105
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.8

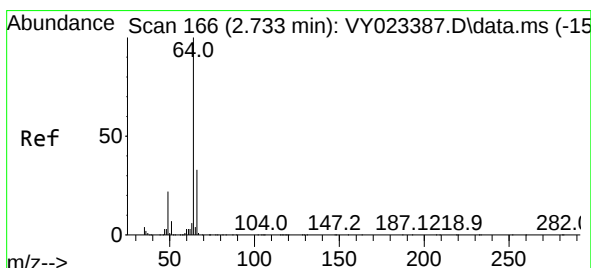
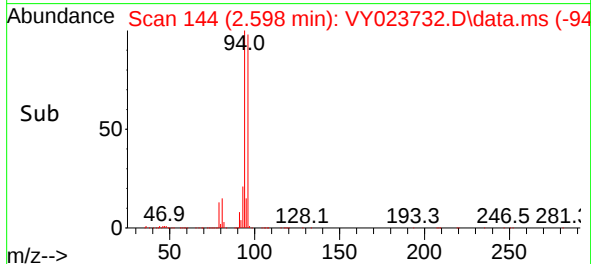
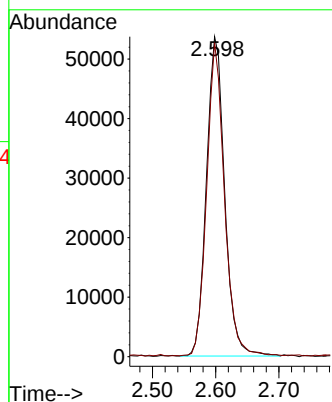
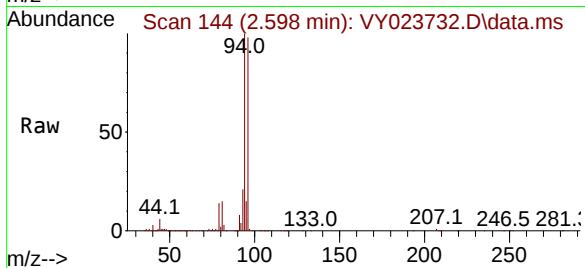




#5
Bromomethane
Concen: 17.261 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

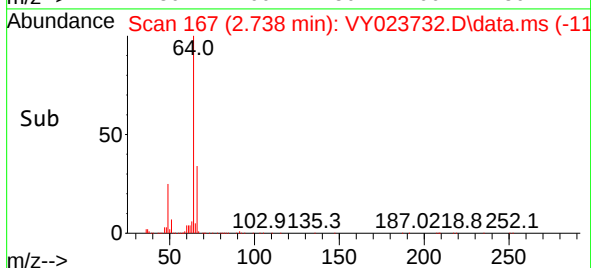
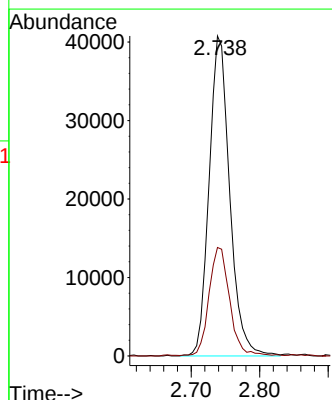
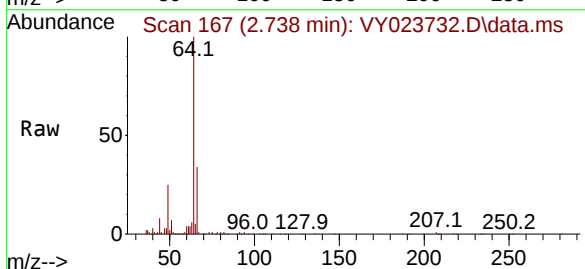
Instrument :
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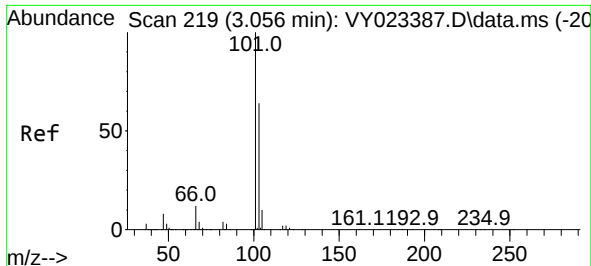
Tgt Ion: 94 Resp: 108187
Ion Ratio Lower Upper
94 100
96 98.0 74.5 111.7



#6
Chloroethane
Concen: 16.721 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 64 Resp: 85128
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4

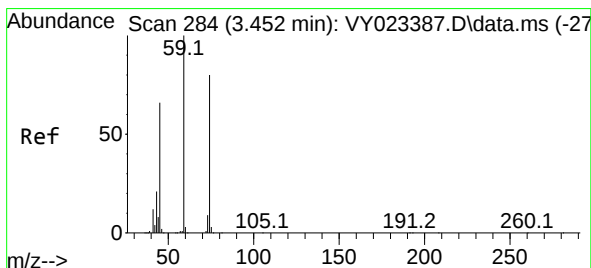
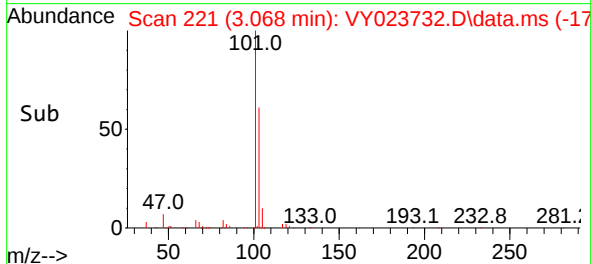
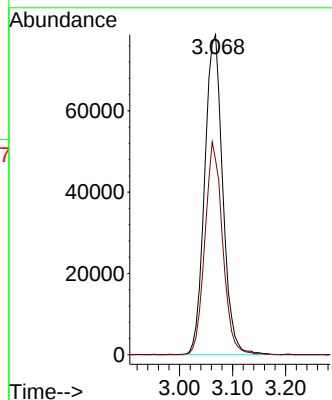
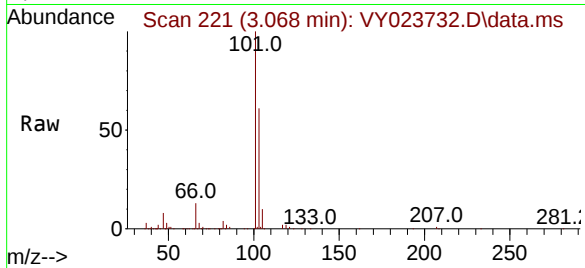




#7
Trichlorofluoromethane
Concen: 17.980 ug/l
RT: 3.068 min Scan# 219
Delta R.T. 0.012 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

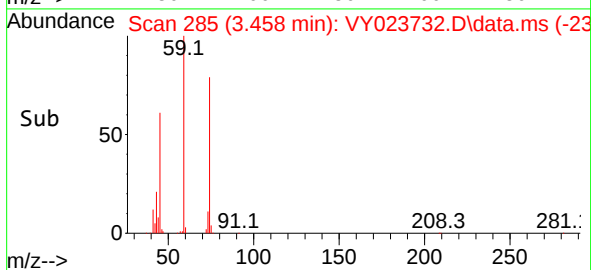
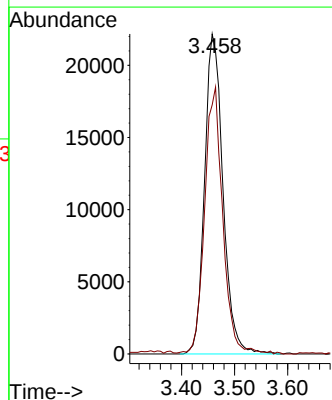
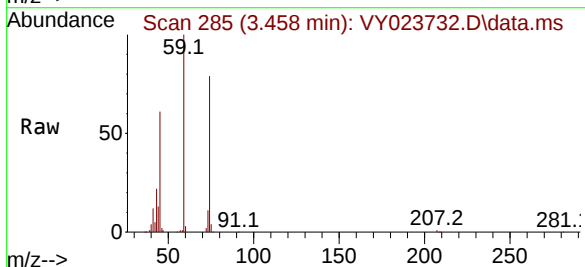
Instrument :
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Tgt Ion:101 Resp: 186452
Ion Ratio Lower Upper
101 100
103 60.9 51.3 76.9



#8
Diethyl Ether
Concen: 19.728 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 74 Resp: 53458
Ion Ratio Lower Upper
74 100
45 82.5 39.9 119.7

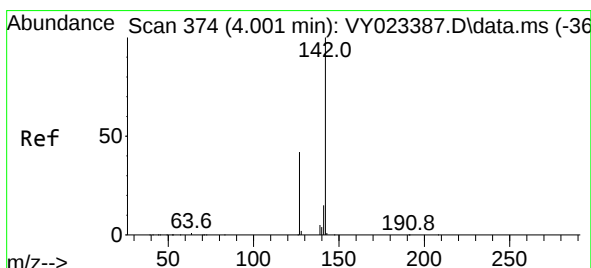
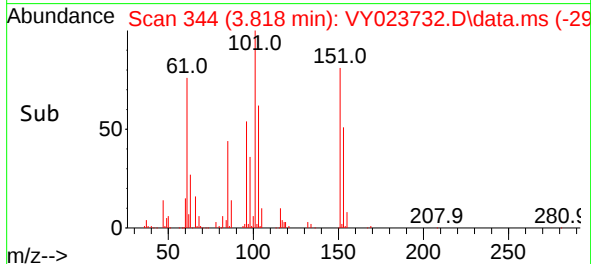
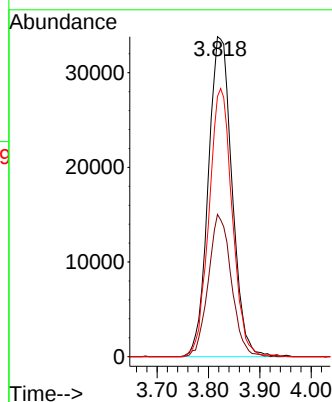
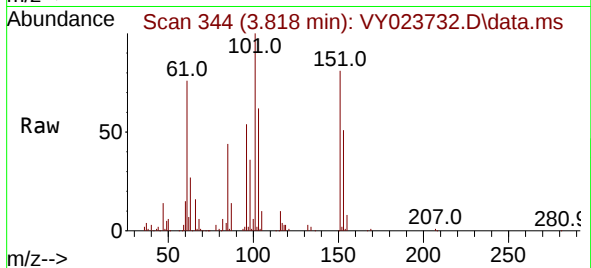




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.203 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023732.D
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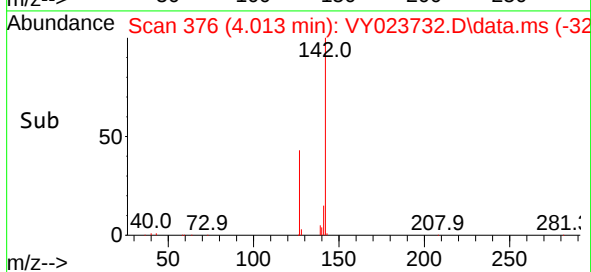
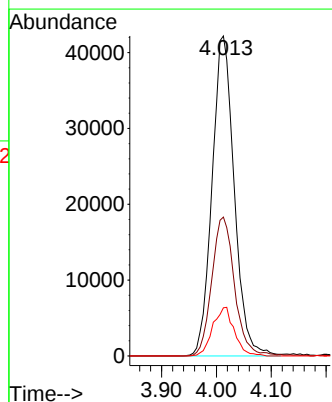
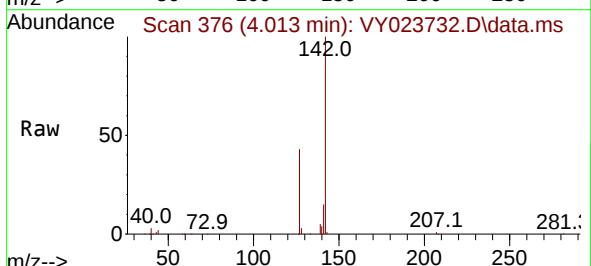
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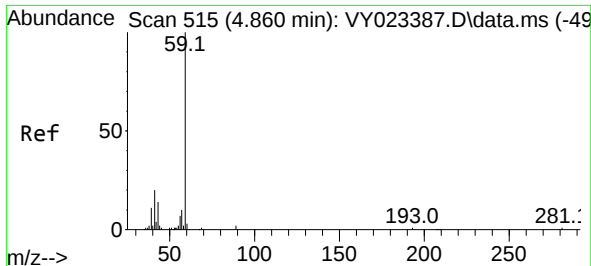
Tgt Ion:101 Resp: 108719
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 81.9 67.0 100.6



#10
Methyl Iodide
Concen: 19.768 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion:142 Resp: 118428
Ion Ratio Lower Upper
142 100
127 44.6 34.8 52.2
141 14.8 11.6 17.4

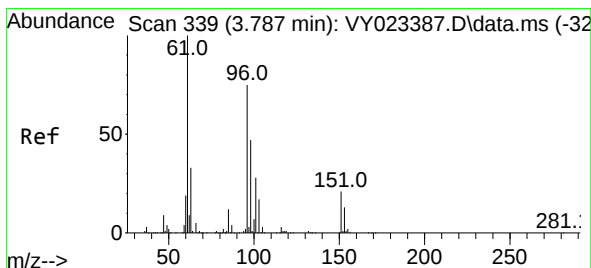
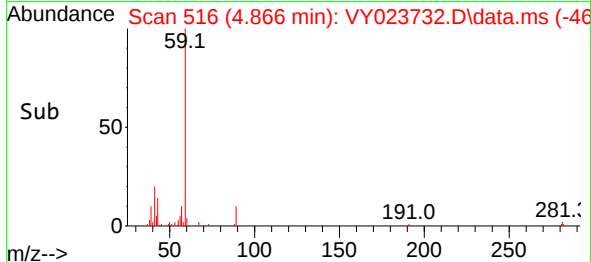
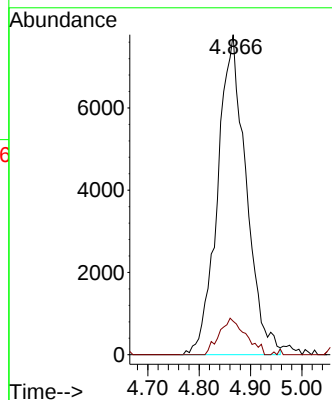
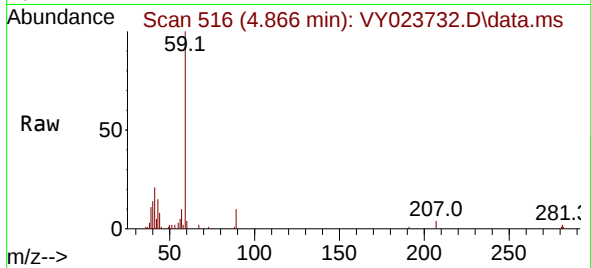




#11
Tert butyl alcohol
Concen: 82.506 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

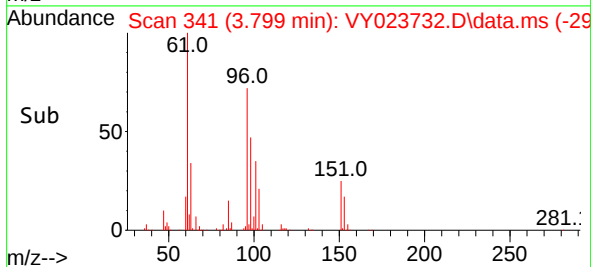
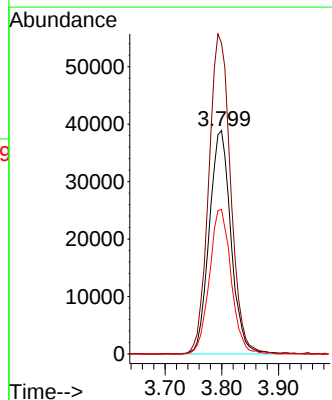
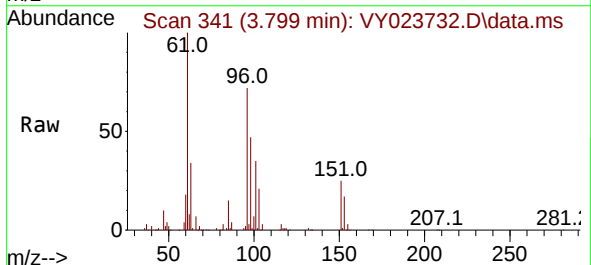
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

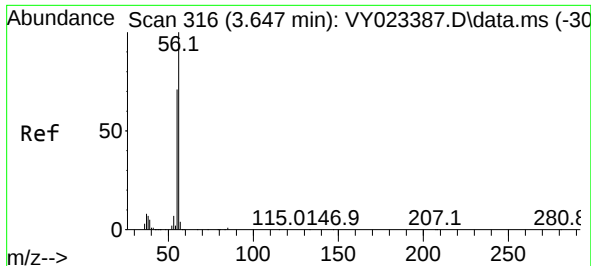
Tgt Ion: 59 Resp: 30016
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.830 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 96 Resp: 103444
Ion Ratio Lower Upper
96 100
61 139.1 106.7 160.1
98 64.7 50.2 75.4

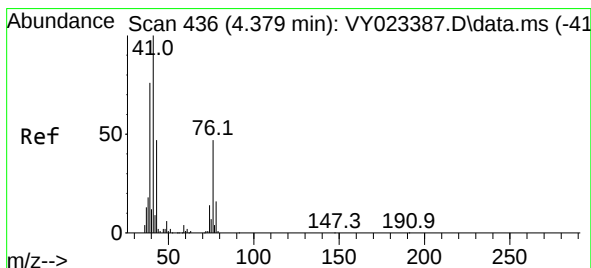
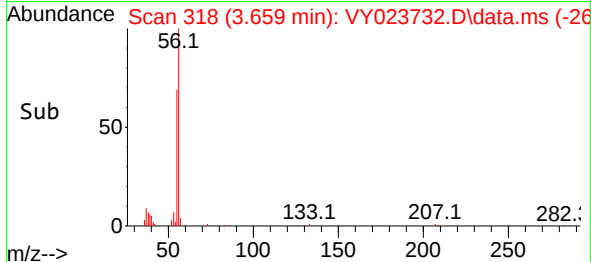
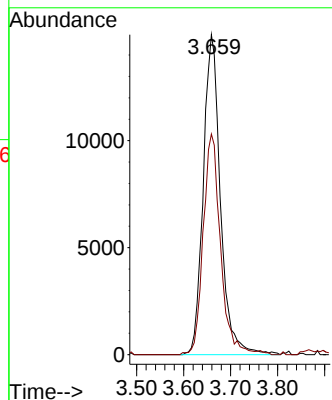
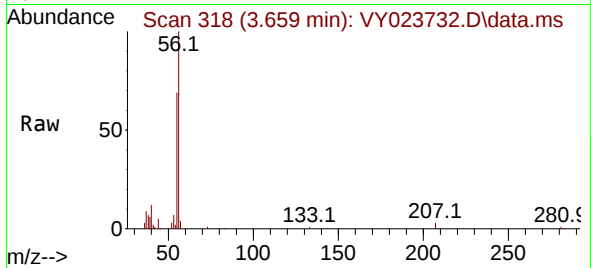




#13
Acrolein
Concen: 73.793 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

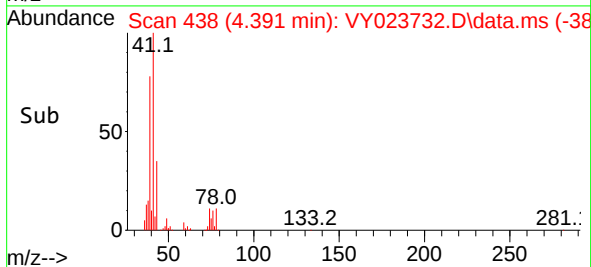
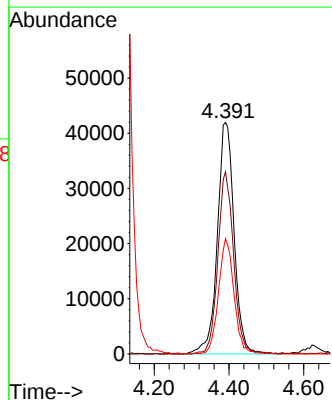
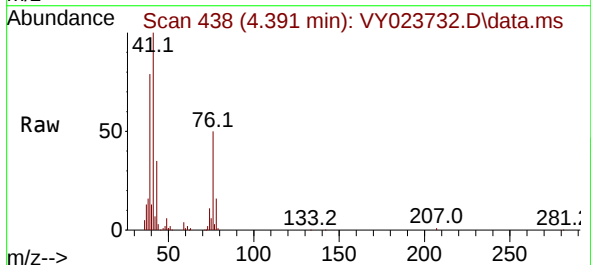
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

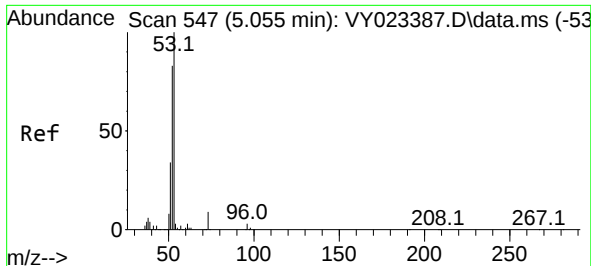
Tgt Ion: 56 Resp: 37934
Ion Ratio Lower Upper
56 100
55 69.1 56.1 84.1



#14
Allyl chloride
Concen: 20.586 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 41 Resp: 130877
Ion Ratio Lower Upper
41 100
39 74.0 59.9 89.9
76 45.9 38.0 57.0

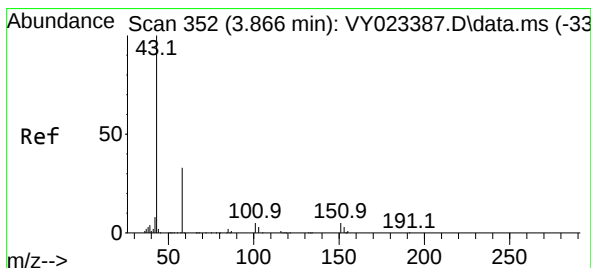
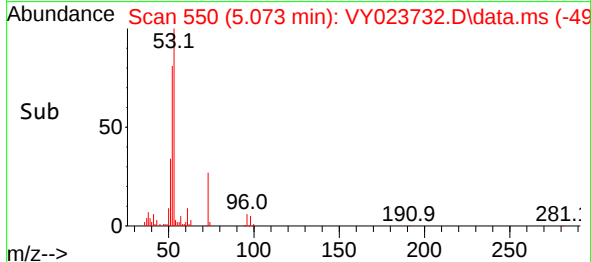
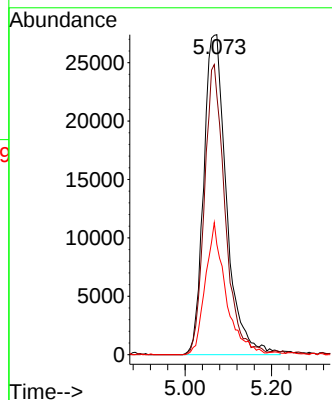
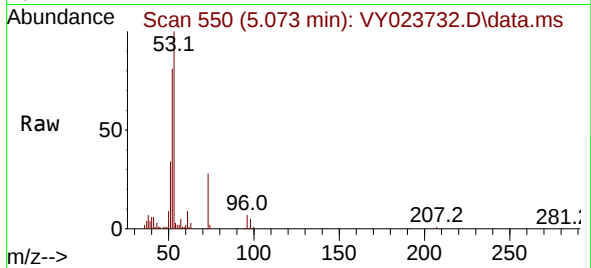




#15
Acrylonitrile
Concen: 96.519 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

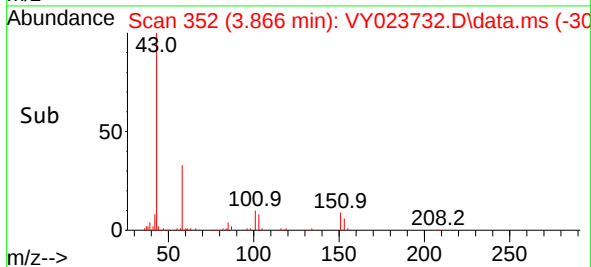
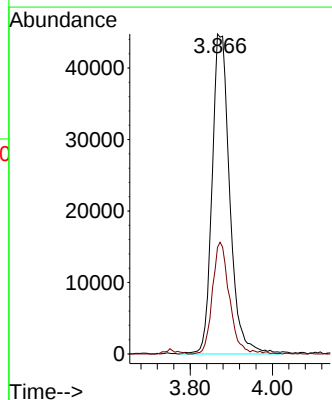
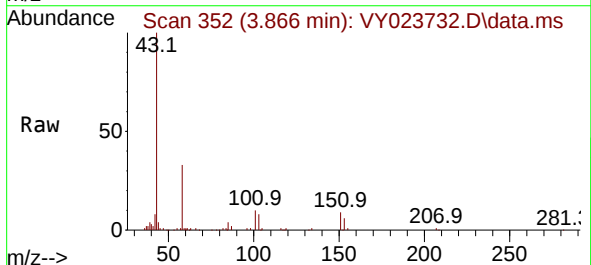
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

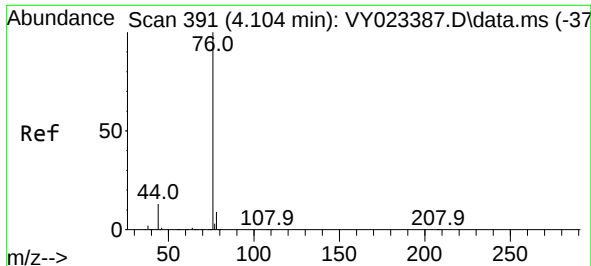
Tgt Ion: 53 Resp: 100093
Ion Ratio Lower Upper
53 100
52 82.0 64.6 97.0
51 37.4 29.5 44.3



#16
Acetone
Concen: 114.757 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 43 Resp: 133600
Ion Ratio Lower Upper
43 100
58 33.2 27.7 41.5

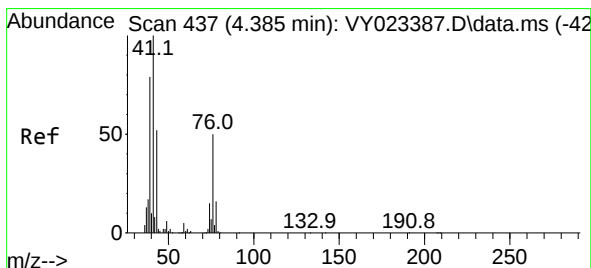
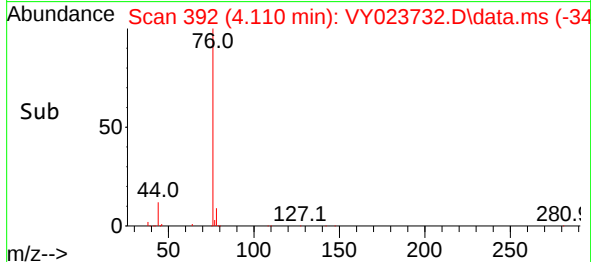
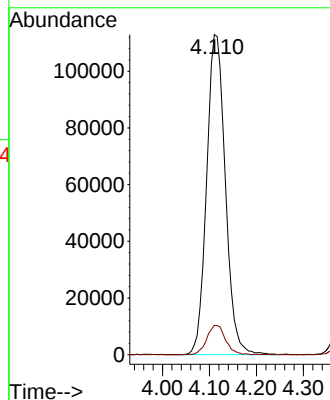
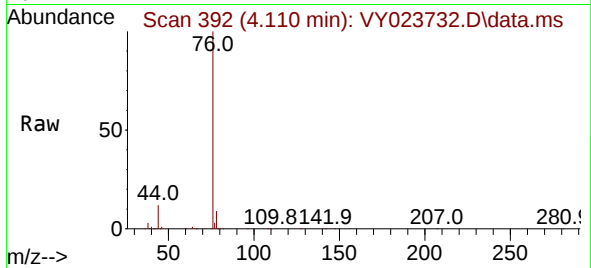




#17
Carbon Disulfide
Concen: 20.936 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

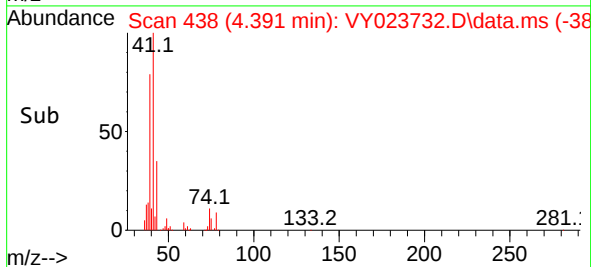
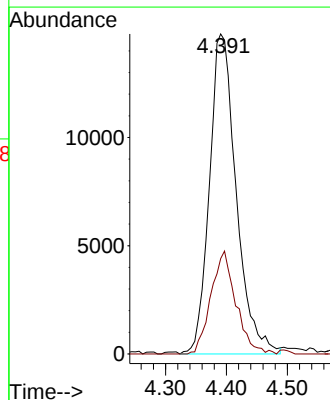
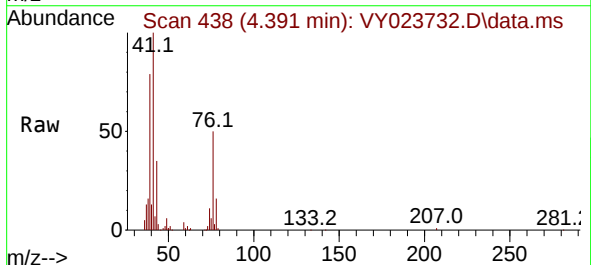
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

Tgt Ion: 76 Resp: 312579
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 14.799 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 43 Resp: 45196
Ion Ratio Lower Upper
43 100
74 30.0 24.2 36.4

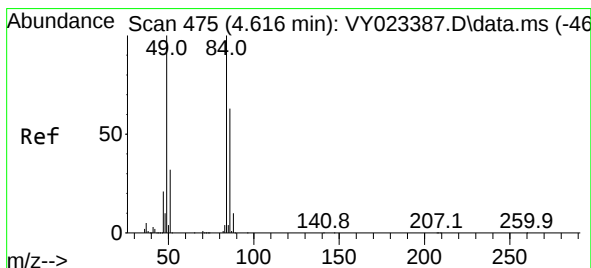
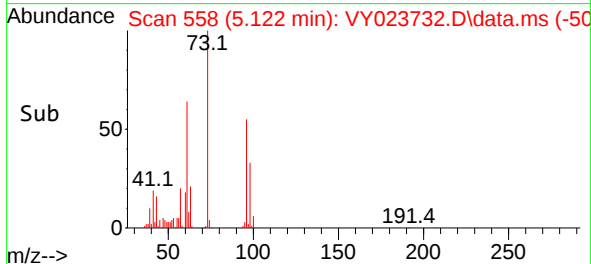
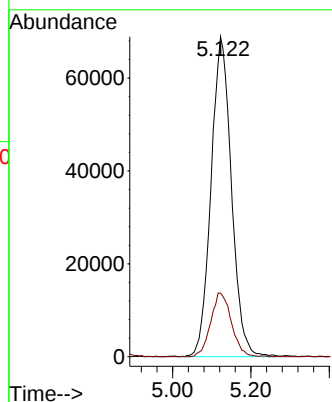
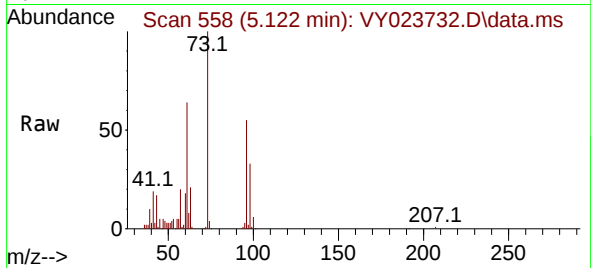




#19
Methyl tert-butyl Ether
Concen: 19.857 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

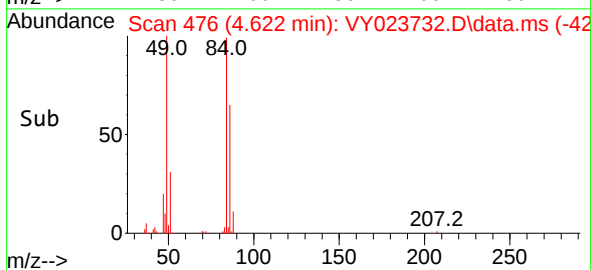
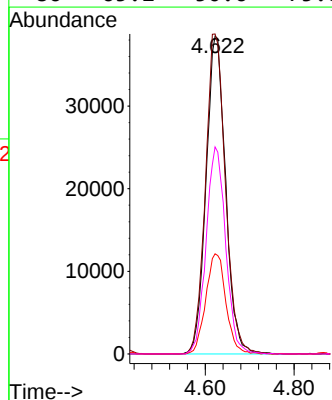
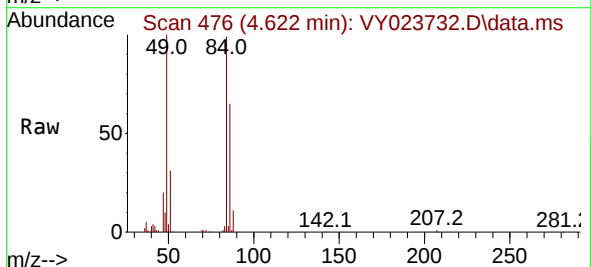
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

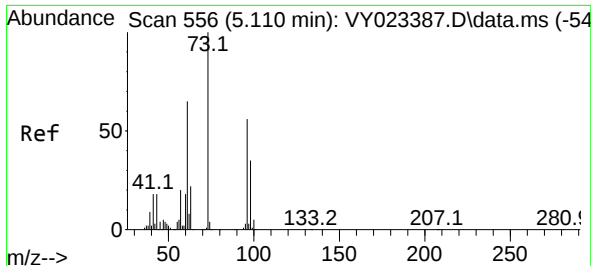
Tgt Ion: 73 Resp: 248957
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0



#20
Methylene Chloride
Concen: 18.663 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 84 Resp: 117492
Ion Ratio Lower Upper
84 100
49 100.7 80.2 120.4
51 31.5 25.9 38.9
86 65.2 50.6 75.8

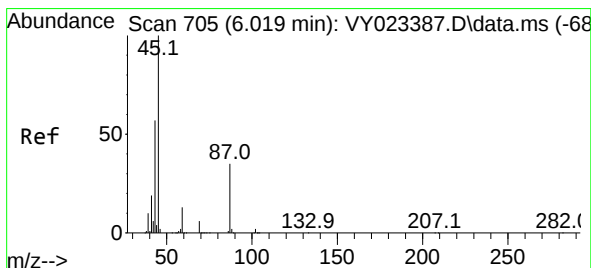
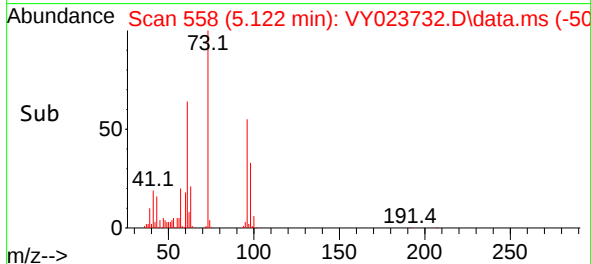
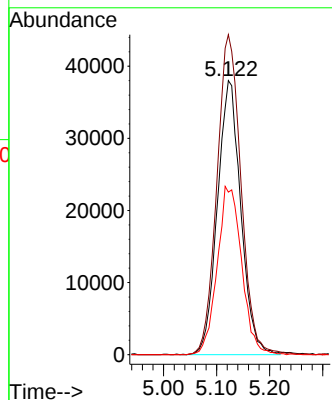
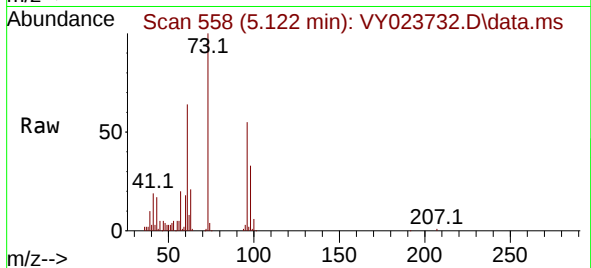




#21
trans-1,2-Dichloroethene
Concen: 20.299 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

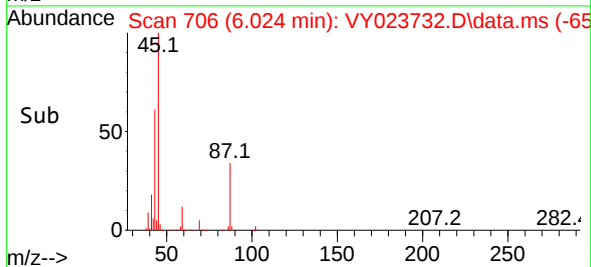
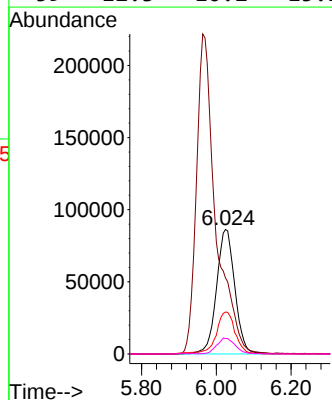
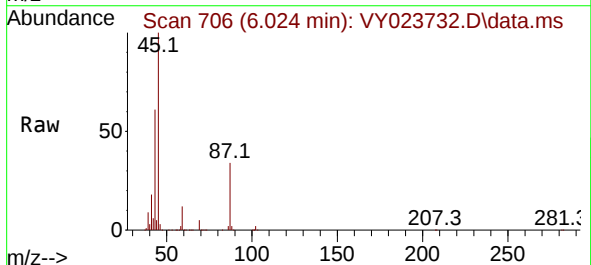
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

Tgt Ion: 96 Resp: 116582
Ion Ratio Lower Upper
96 100
61 116.8 92.7 139.1
98 59.3 49.7 74.5



#22
Diisopropyl ether
Concen: 20.891 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 45 Resp: 293783
Ion Ratio Lower Upper
45 100
43 60.8 45.6 68.4
87 33.6 28.1 42.1
59 12.3 10.2 15.2

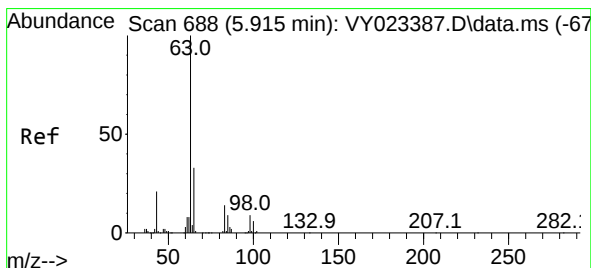
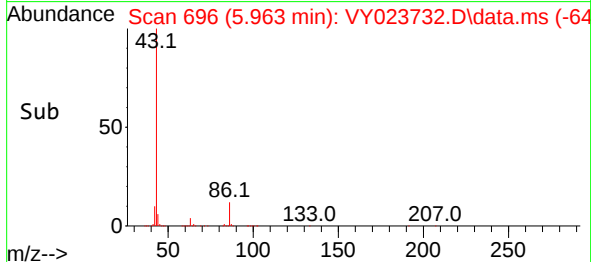
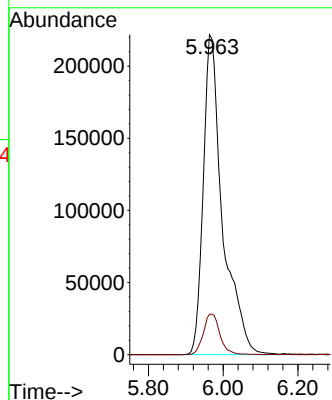
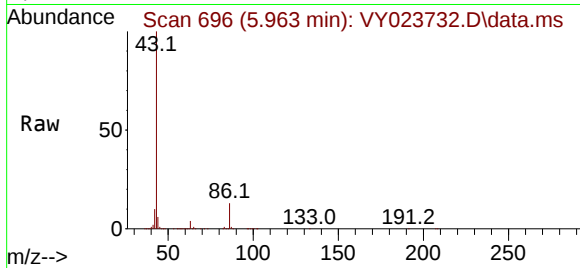




#23
 Vinyl Acetate
 Concen: 104.531 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023732.D
 Acq: 11 Nov 2025 11:53

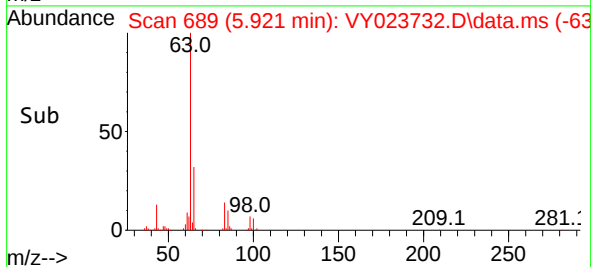
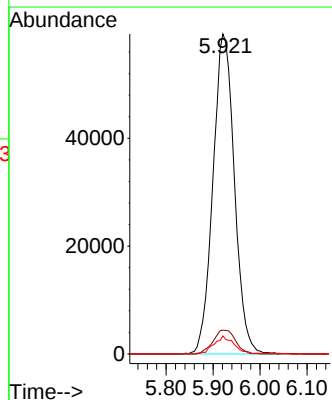
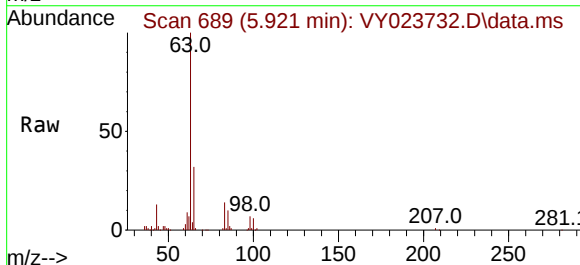
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBSD01

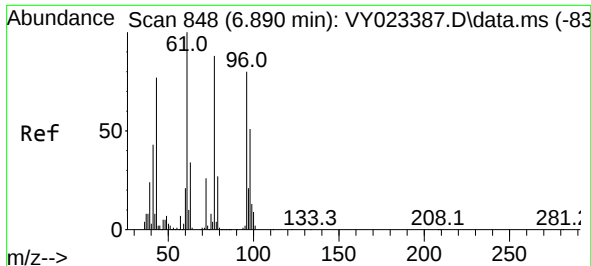
Tgt Ion: 43 Resp: 795672
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.212 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023732.D
 Acq: 11 Nov 2025 11:53

Tgt Ion: 63 Resp: 188282
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.3 13.1
 100 5.7 2.8 8.4





#25

2-Butanone

Concen: 106.654 ug/l

RT: 6.902 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

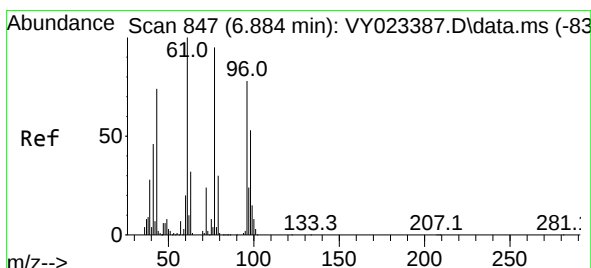
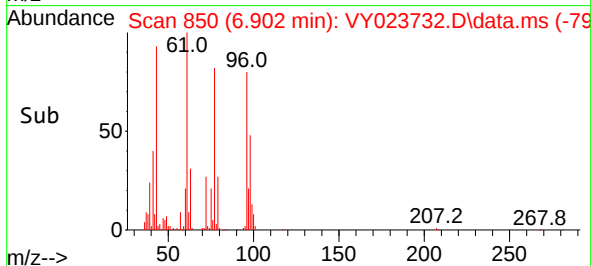
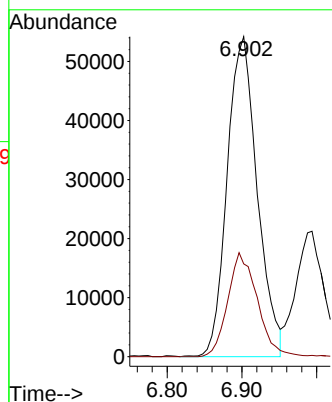
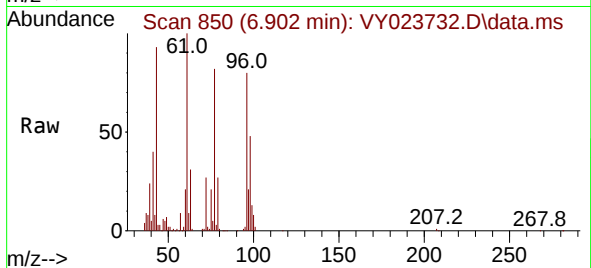
VY1111SBSD01

Tgt Ion: 43 Resp: 151588

Ion Ratio Lower Upper

43 100

72 29.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.414 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023732.D

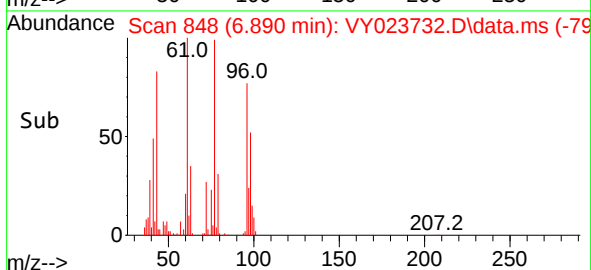
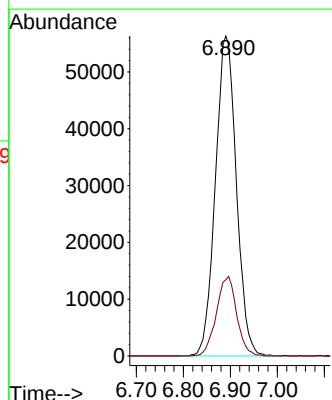
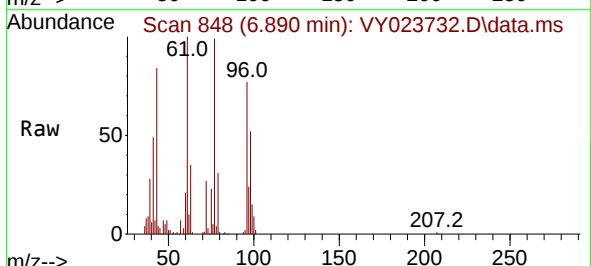
Acq: 11 Nov 2025 11:53

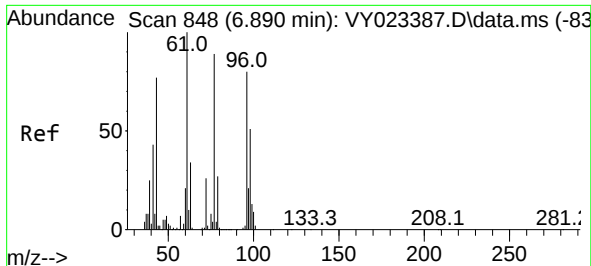
Tgt Ion: 77 Resp: 174486

Ion Ratio Lower Upper

77 100

97 24.1 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 19.951 ug/l

RT: 6.902 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

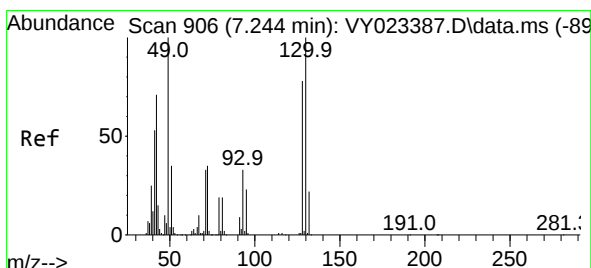
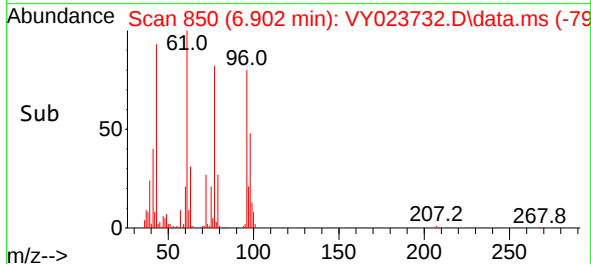
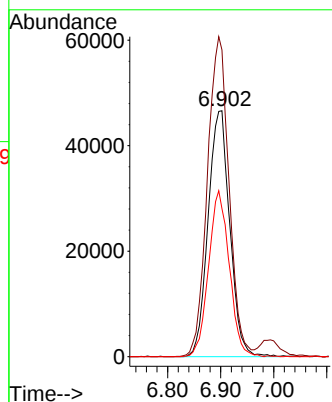
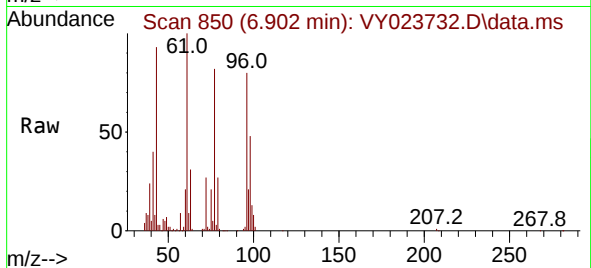
Tgt Ion: 96 Resp: 132358

Ion Ratio Lower Upper

96 100

61 129.8 0.0 258.2

98 64.5 0.0 132.0



#28

Bromochloromethane

Concen: 21.776 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

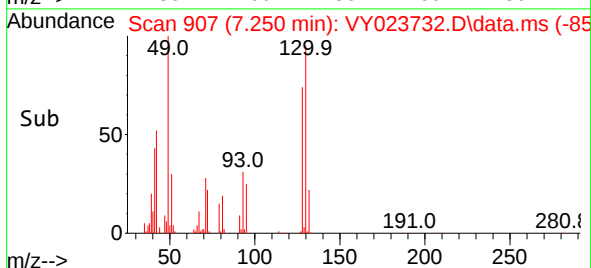
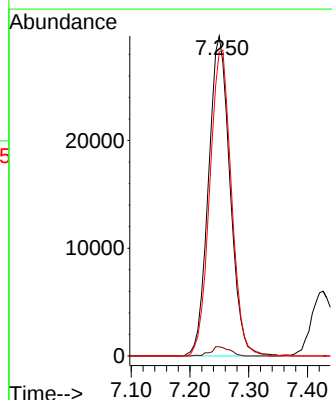
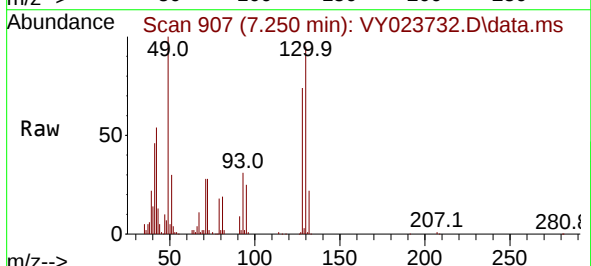
Tgt Ion: 49 Resp: 75726

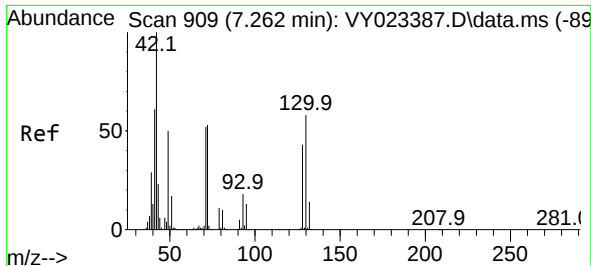
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.6

130 95.9 81.9 122.9





#29

Tetrahydrofuran

Concen: 91.960 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

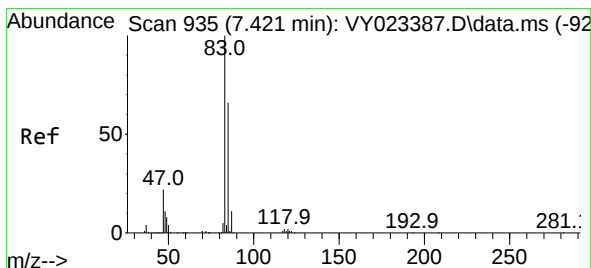
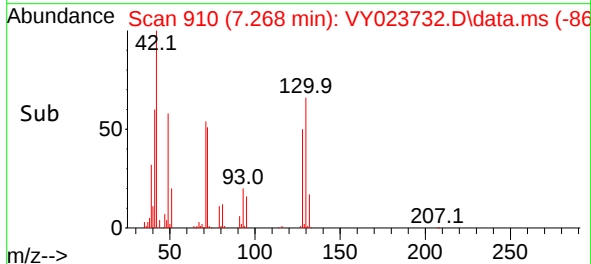
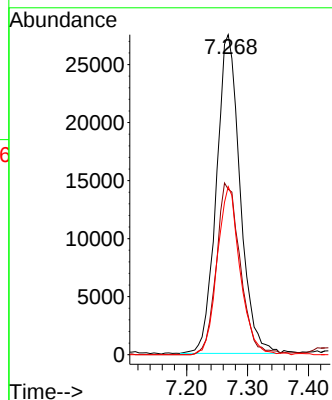
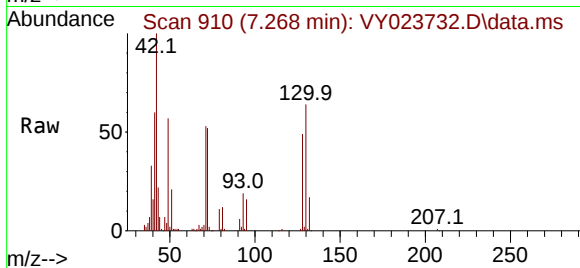
Tgt Ion: 42 Resp: 74118

Ion Ratio Lower Upper

42 100

72 54.4 43.0 64.6

71 51.0 40.1 60.1



#30

Chloroform

Concen: 20.413 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023732.D

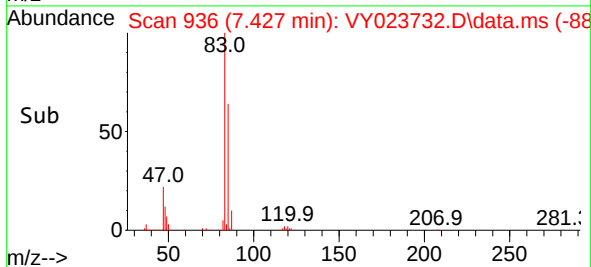
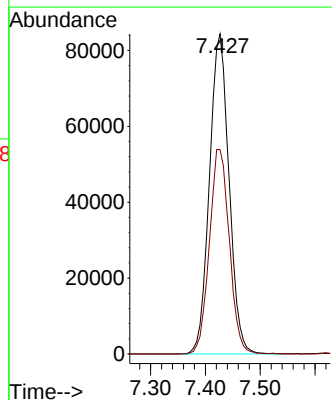
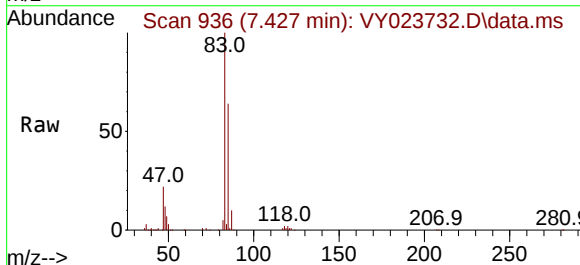
Acq: 11 Nov 2025 11:53

Tgt Ion: 83 Resp: 208915

Ion Ratio Lower Upper

83 100

85 63.9 52.5 78.7

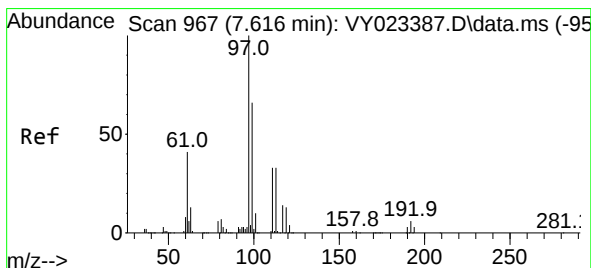
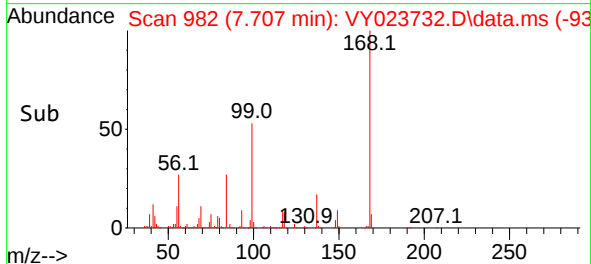
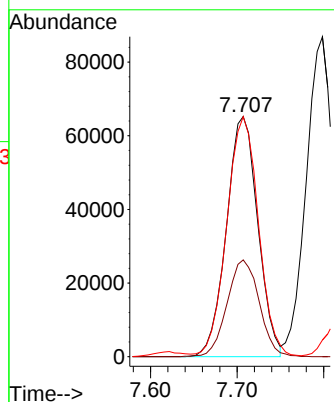
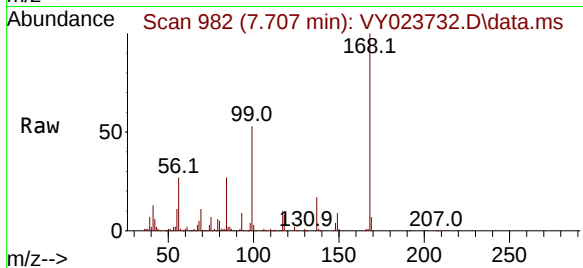




#31
Cyclohexane
Concen: 20.231 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

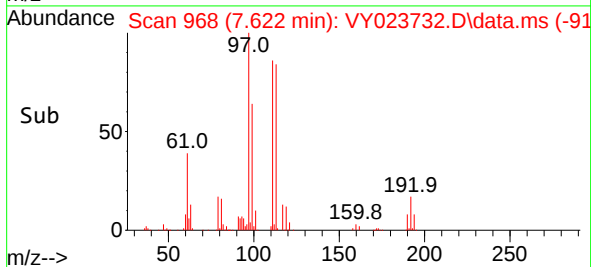
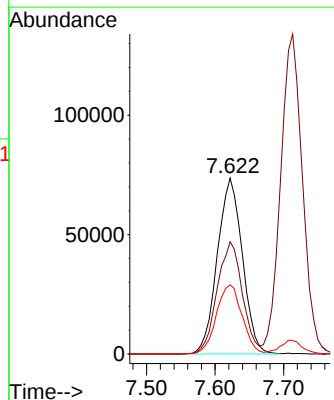
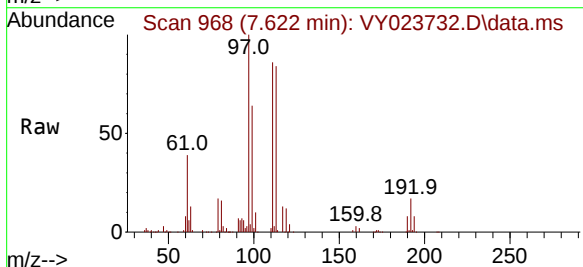
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

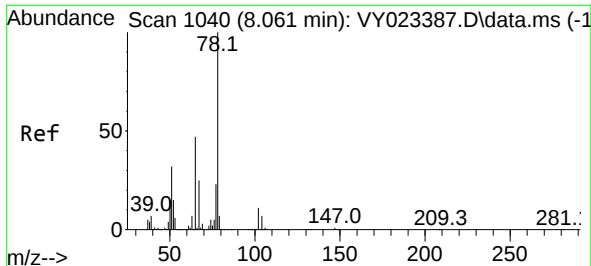
Tgt Ion: 56 Resp: 164576
Ion Ratio Lower Upper
56 100
69 40.3 30.0 45.0
84 98.5 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.097 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 97 Resp: 186916
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 40.2 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 49.996 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

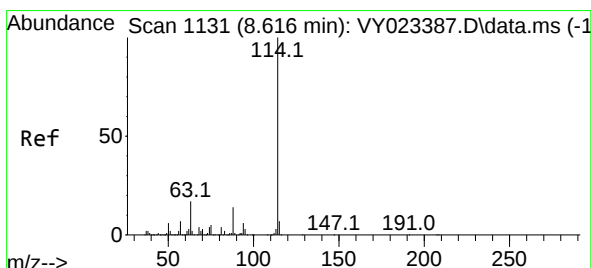
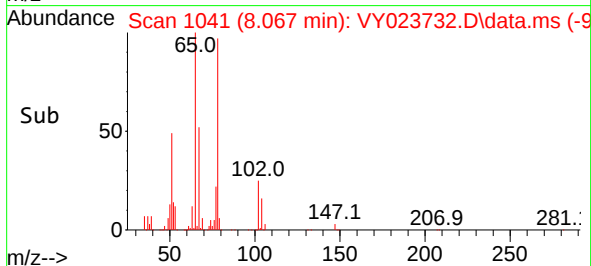
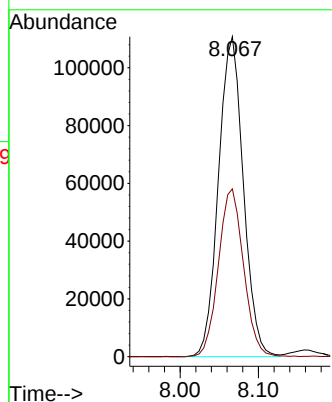
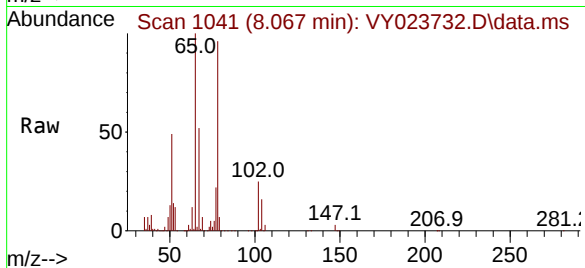
VY1111SBSD01

Tgt Ion: 65 Resp: 244489

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

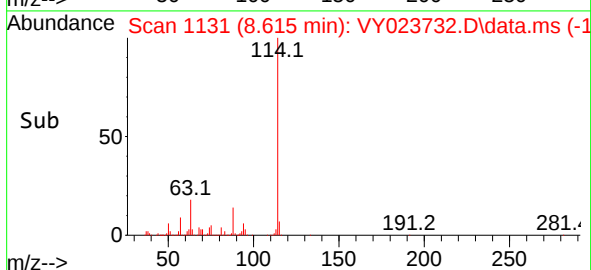
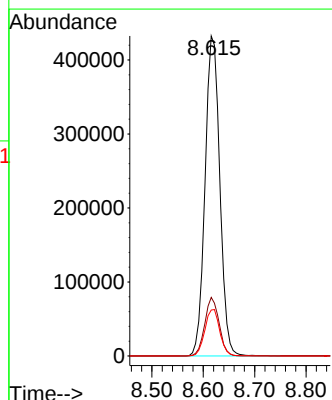
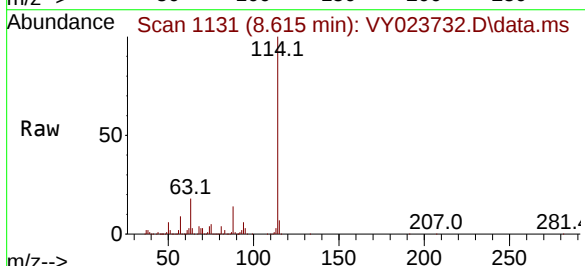
Tgt Ion: 114 Resp: 861663

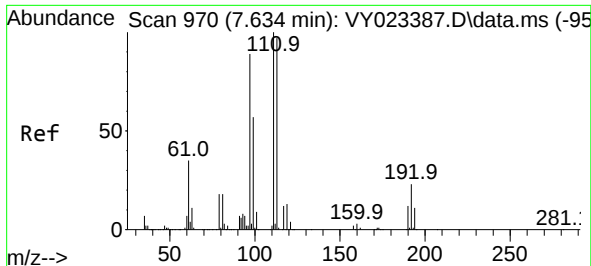
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.2

88 14.3 0.0 28.4

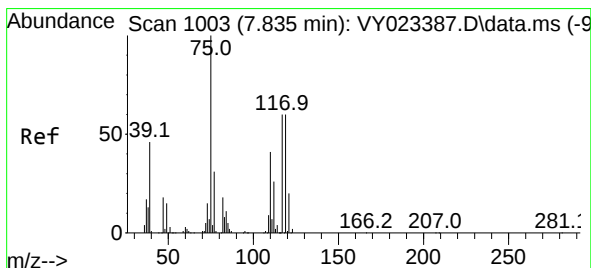
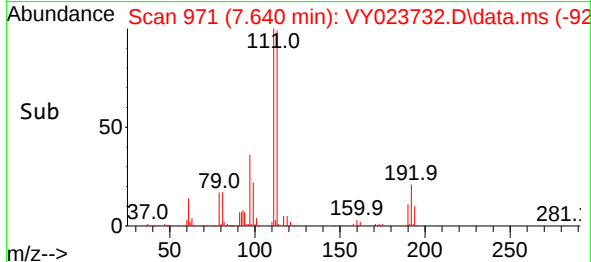
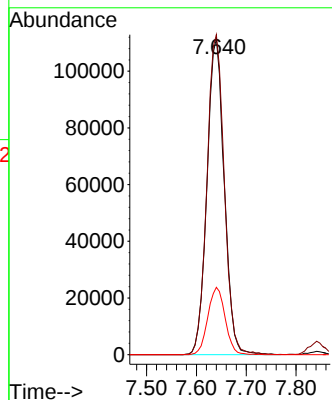
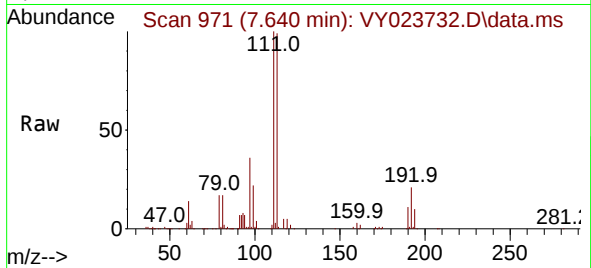




#35
Dibromofluoromethane
Concen: 50.571 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

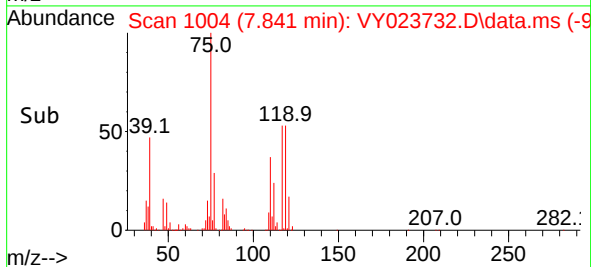
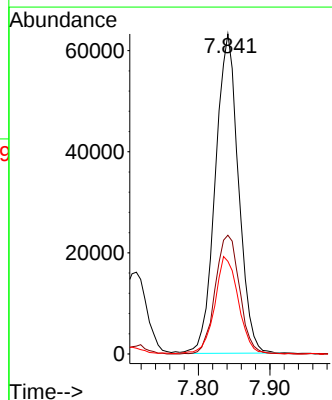
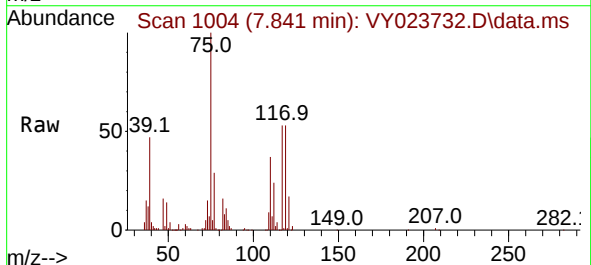
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

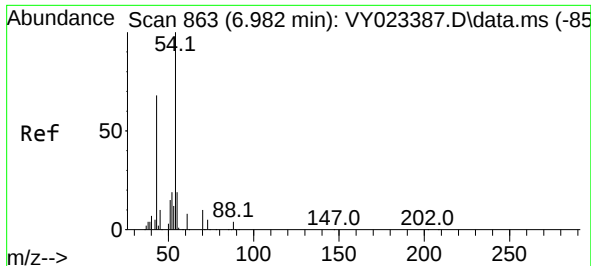
Tgt Ion:113 Resp: 267750
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 21.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.248 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 75 Resp: 141924
Ion Ratio Lower Upper
75 100
110 39.1 19.9 59.7
77 31.3 25.0 37.6





#37

Ethyl Acetate

Concen: 21.064 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

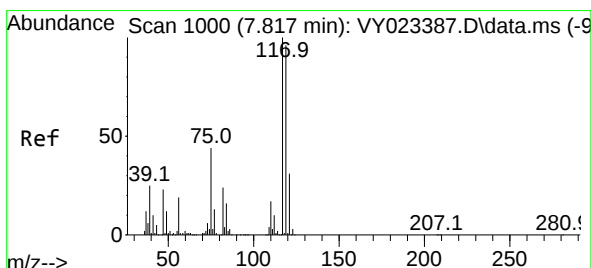
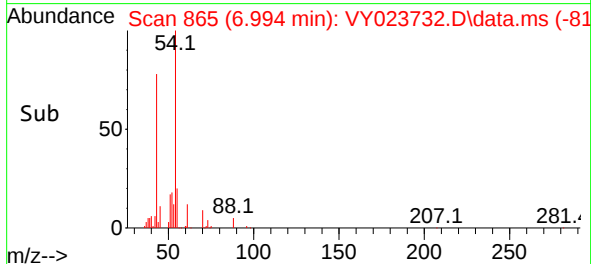
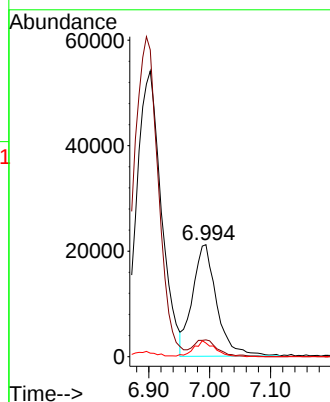
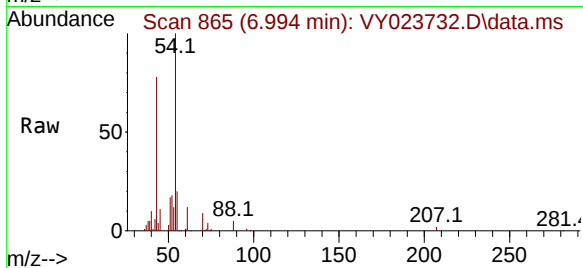
Tgt Ion: 43 Resp: 58494

Ion Ratio Lower Upper

43 100

61 15.2 11.8 17.8

70 12.3 10.5 15.7



#38

Carbon Tetrachloride

Concen: 19.866 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

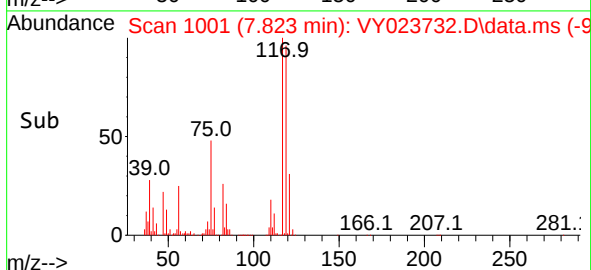
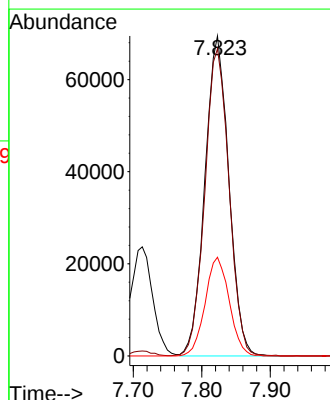
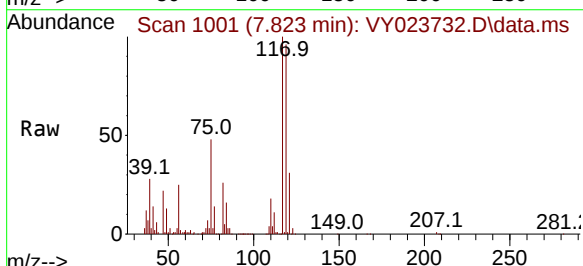
Tgt Ion: 117 Resp: 168849

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 19.658 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

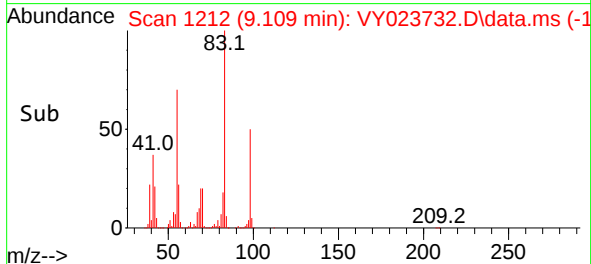
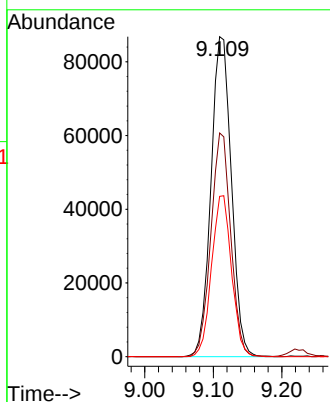
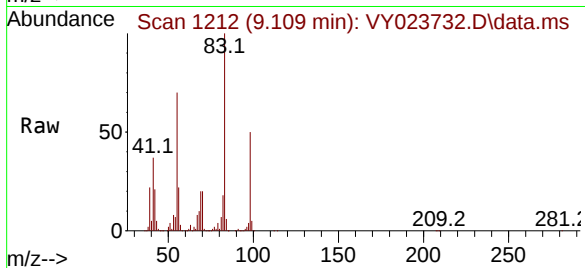
Tgt Ion: 83 Resp: 179404

Ion Ratio Lower Upper

83 100

55 69.9 51.4 77.2

98 50.1 40.4 60.6



#40

Benzene

Concen: 20.371 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023732.D

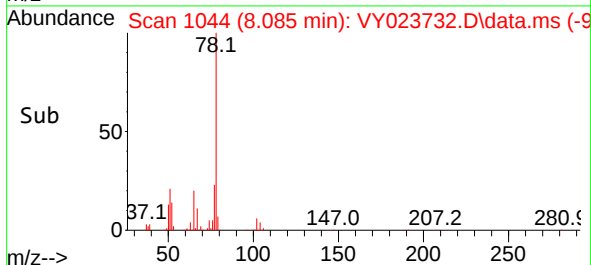
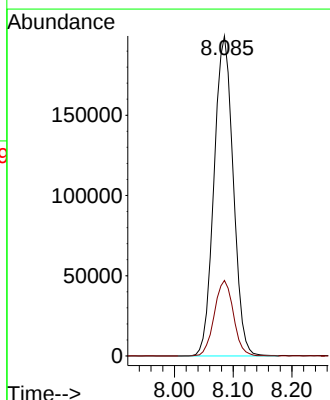
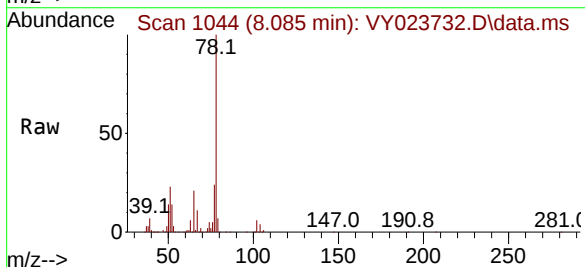
Acq: 11 Nov 2025 11:53

Tgt Ion: 78 Resp: 452196

Ion Ratio Lower Upper

78 100

77 23.6 18.3 27.5

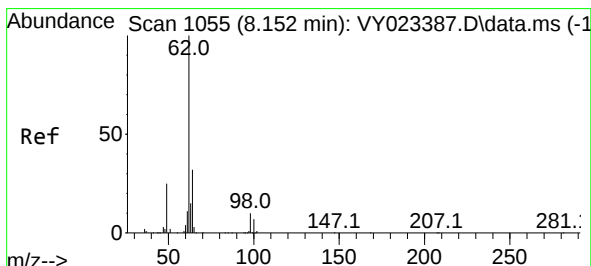
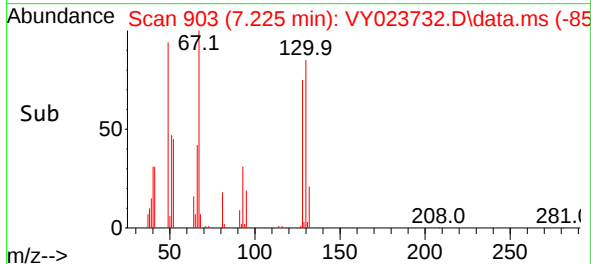
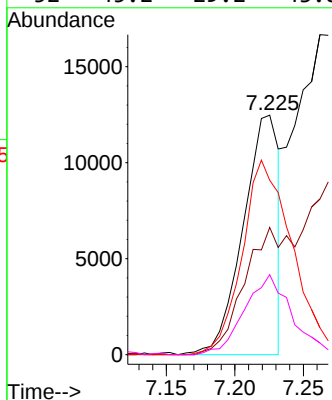
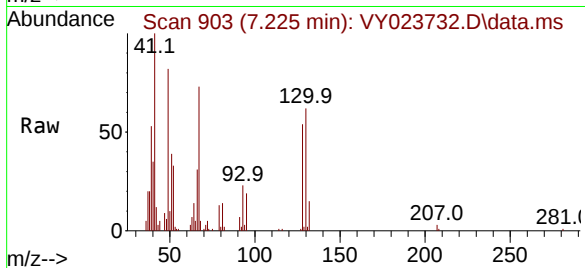




#41
Methacrylonitrile
Concen: 15.102 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

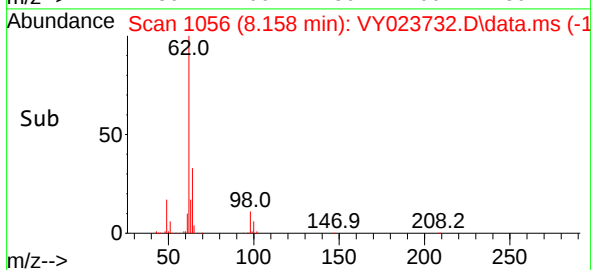
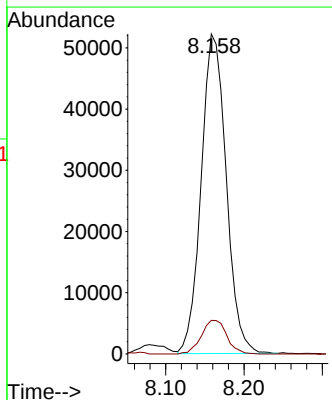
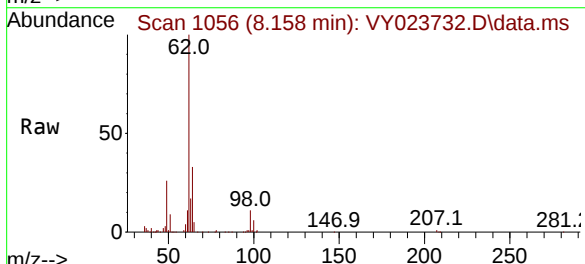
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

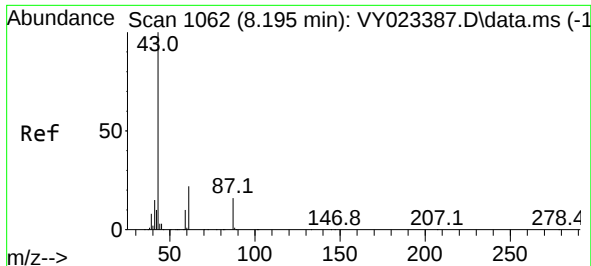
Tgt Ion: 41	Resp: 22682
Ion Ratio	Lower Upper
41 100	
39 52.1	52.2 78.4#
67 115.9	74.9 112.3#
52 45.2	29.2 43.8#



#42
1,2-Dichloroethane
Concen: 20.246 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 62	Resp: 115908
Ion Ratio	Lower Upper
62 100	
98 10.7	0.0 21.6

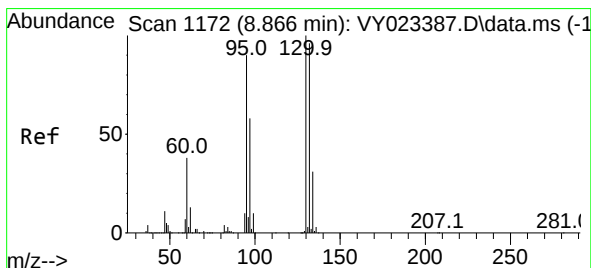
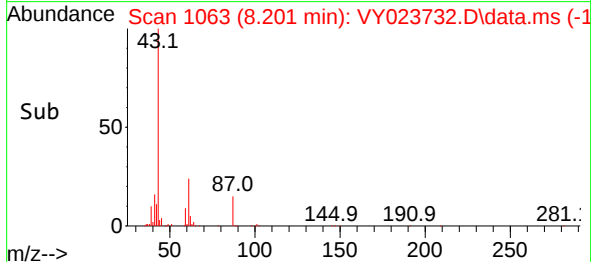
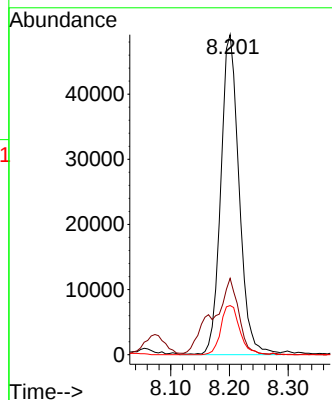
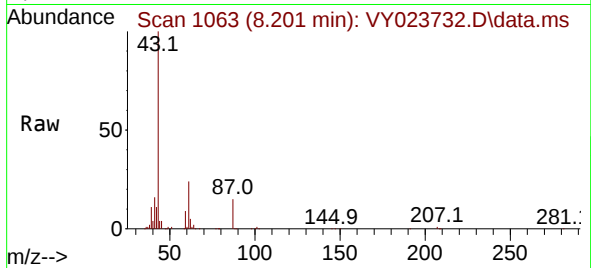




#43
Isopropyl Acetate
Concen: 19.203 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

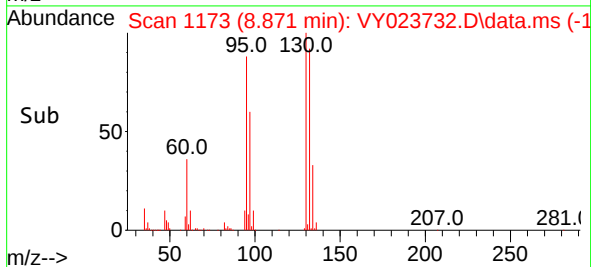
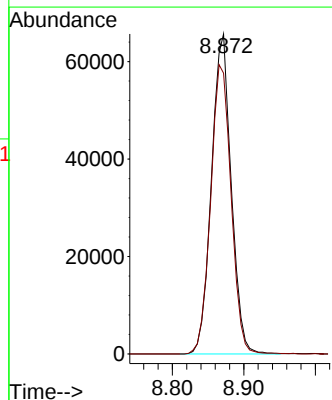
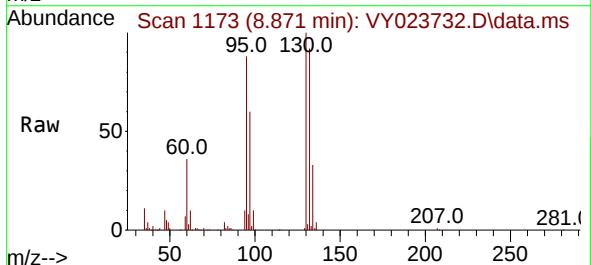
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

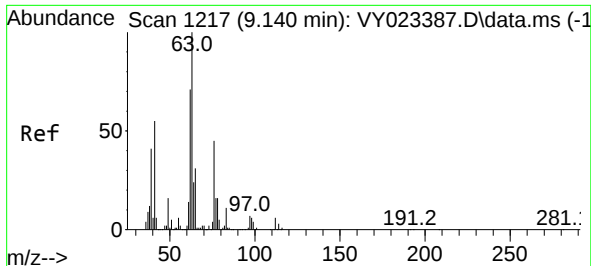
Tgt Ion: 43 Resp: 106329
Ion Ratio Lower Upper
43 100
61 21.6 18.1 27.1
87 15.8 13.5 20.3



#44
Trichloroethene
Concen: 19.346 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion:130 Resp: 125692
Ion Ratio Lower Upper
130 100
95 87.8 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.630 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

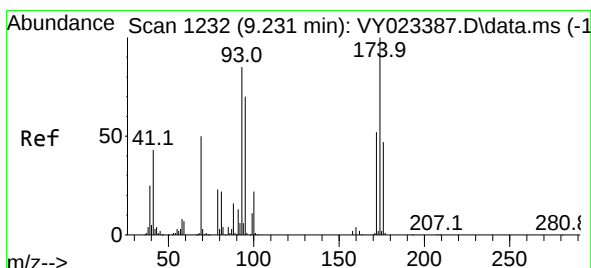
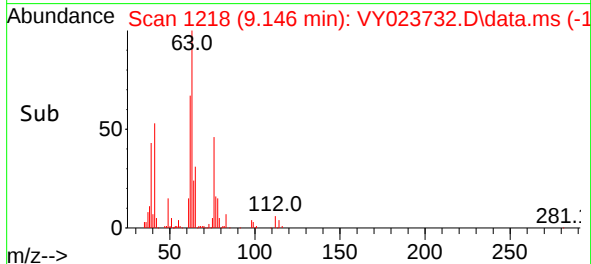
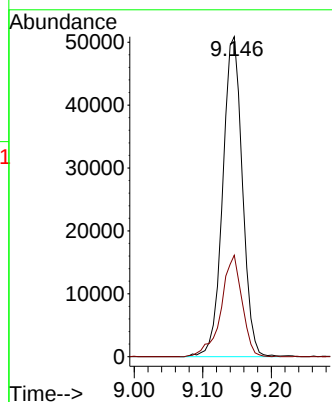
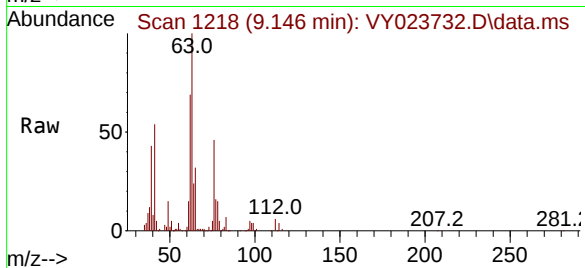
VY1111SBS01

Tgt Ion: 63 Resp: 101152

Ion Ratio Lower Upper

63 100

65 31.7 24.9 37.3



#46

Dibromomethane

Concen: 19.683 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

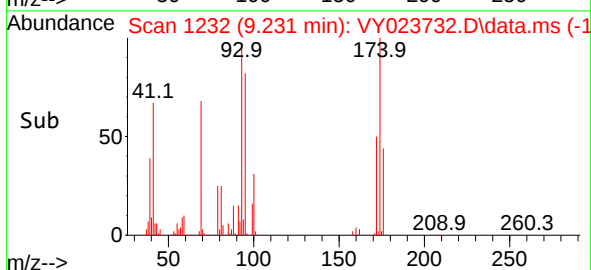
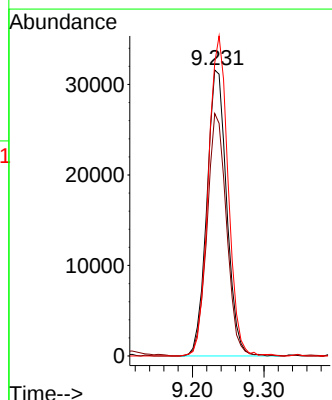
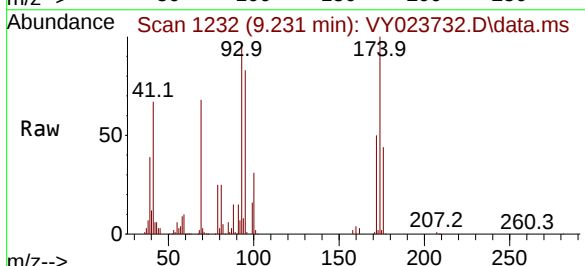
Tgt Ion: 93 Resp: 61024

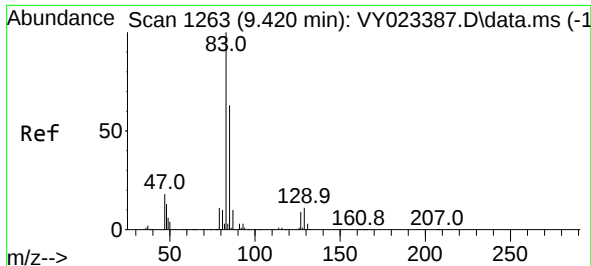
Ion Ratio Lower Upper

93 100

95 83.1 65.4 98.0

174 110.9 92.9 139.3

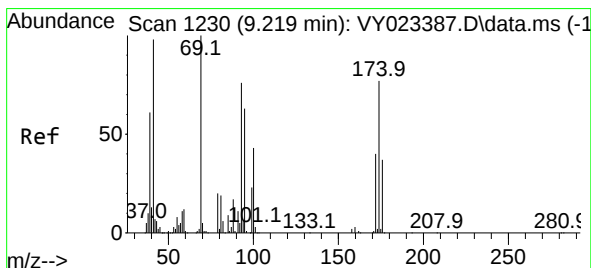
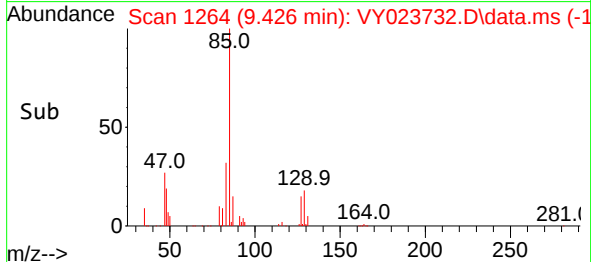
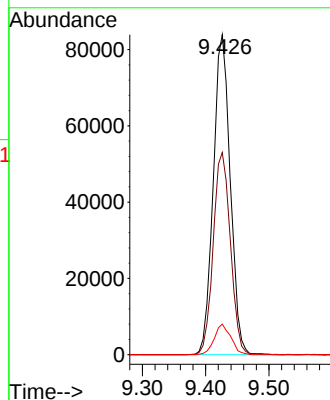
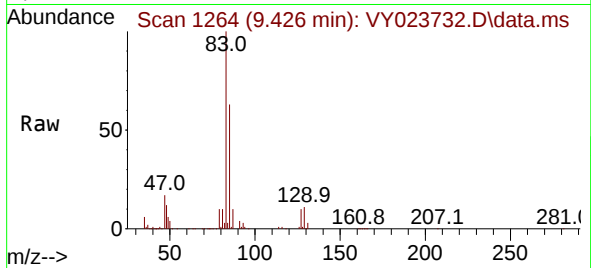




#47
Bromodichloromethane
Concen: 20.037 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

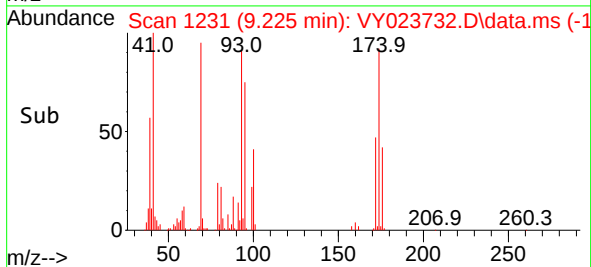
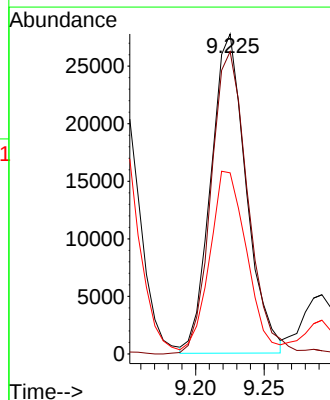
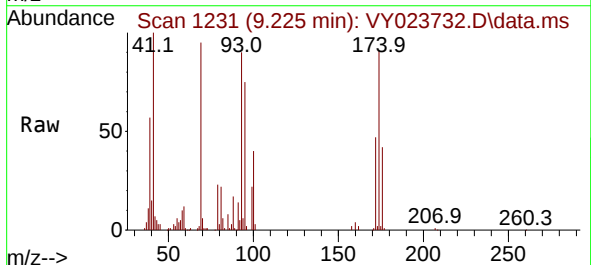
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

Tgt Ion: 83 Resp: 156454
Ion Ratio Lower Upper
83 100
85 63.2 50.8 76.2
127 9.5 7.4 11.2



#48
Methyl methacrylate
Concen: 19.130 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 41 Resp: 49765
Ion Ratio Lower Upper
41 100
69 99.3 81.0 121.4
39 59.0 48.2 72.4





#49

1,4-Dioxane

Concen: 337.477 ug/l

RT: 9.237 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

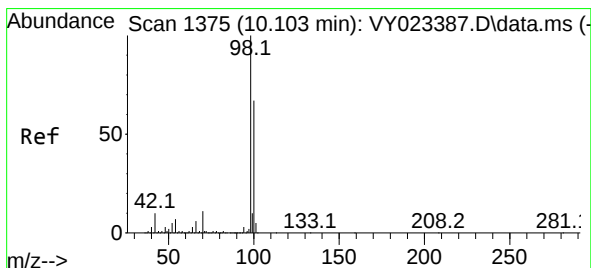
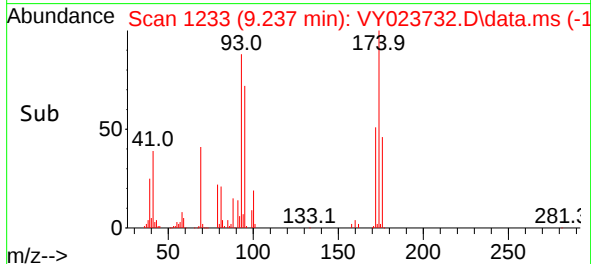
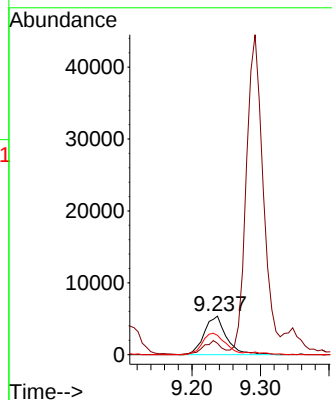
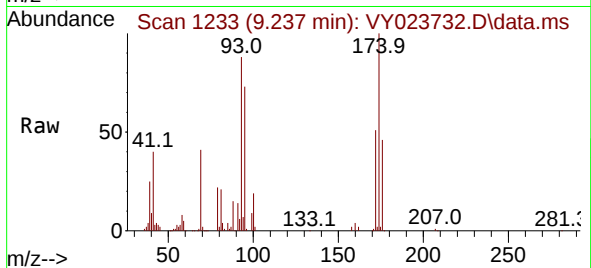
Tgt Ion: 88 Resp: 12131

Ion Ratio Lower Upper

88 100

43 28.9 21.8 32.8

58 57.4 46.8 70.2



#50

Toluene-d8

Concen: 51.049 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023732.D

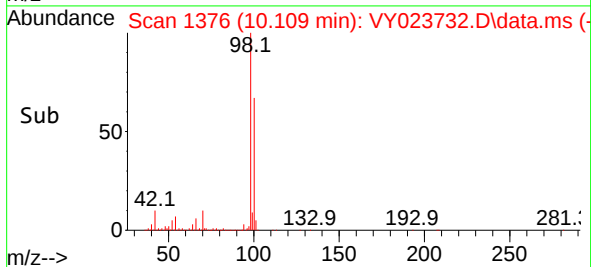
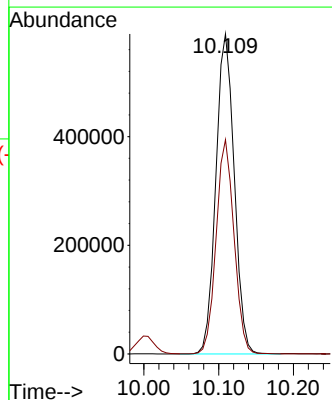
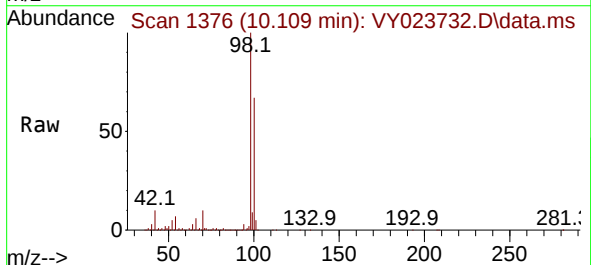
Acq: 11 Nov 2025 11:53

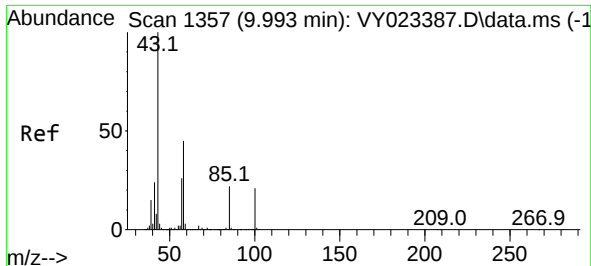
Tgt Ion: 98 Resp: 1006553

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4

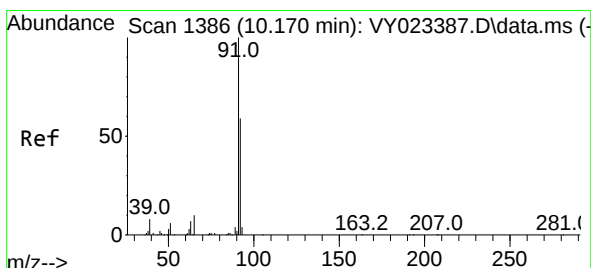
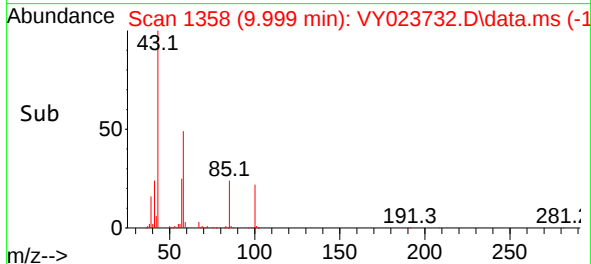
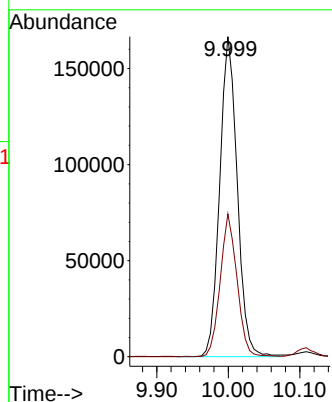
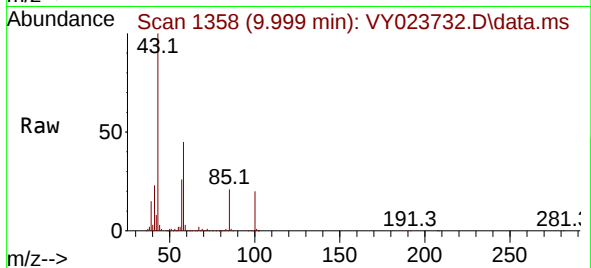




#51
4-Methyl-2-Pentanone
Concen: 99.052 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

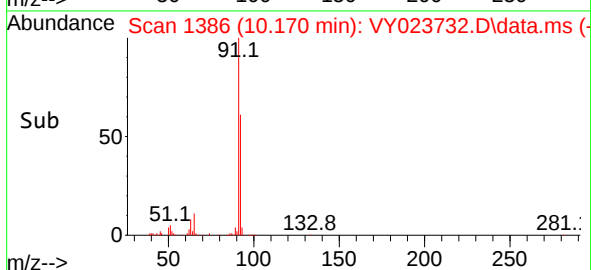
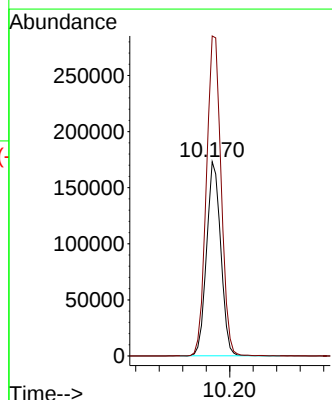
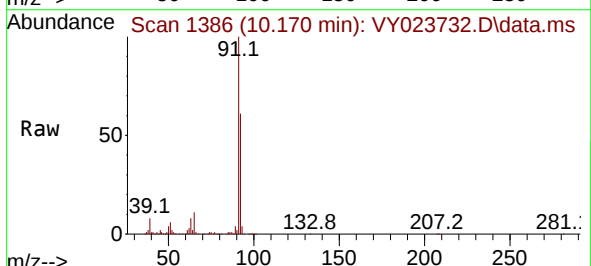
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

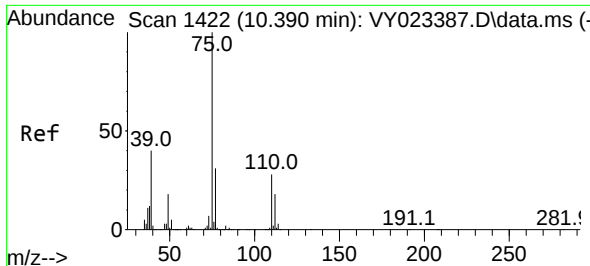
Tgt Ion: 43 Resp: 283377
Ion Ratio Lower Upper
43 100
58 42.7 35.3 52.9



#52
Toluene
Concen: 20.098 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 92 Resp: 289669
Ion Ratio Lower Upper
92 100
91 171.5 136.4 204.6

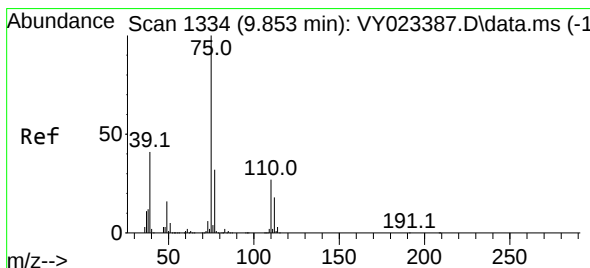
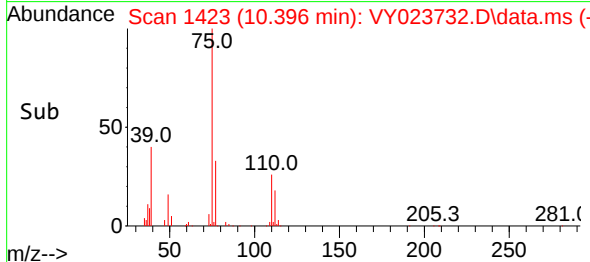
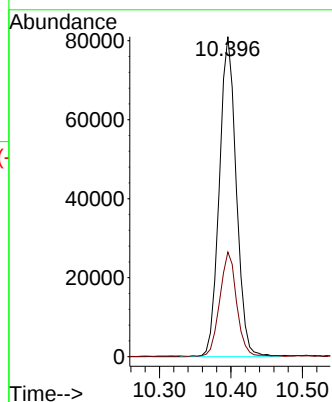
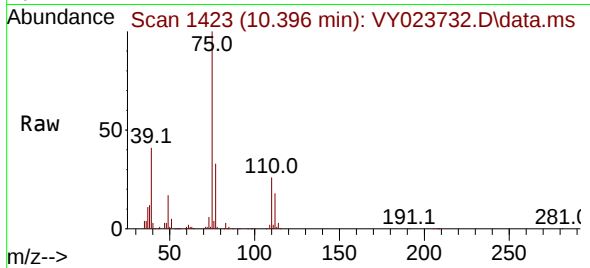




#53
 t-1,3-Dichloropropene
 Concen: 19.658 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023732.D
 Acq: 11 Nov 2025 11:53

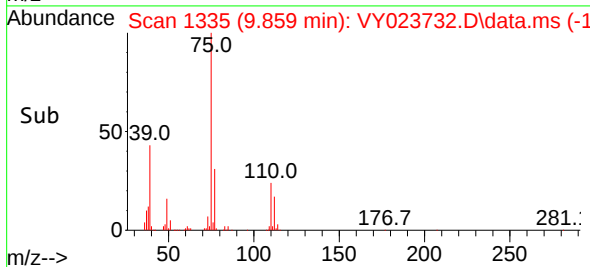
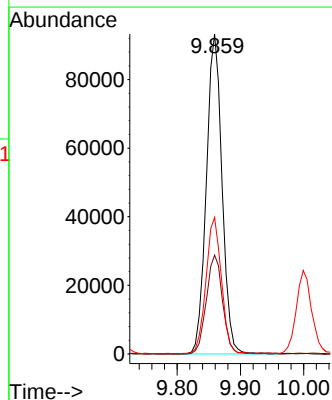
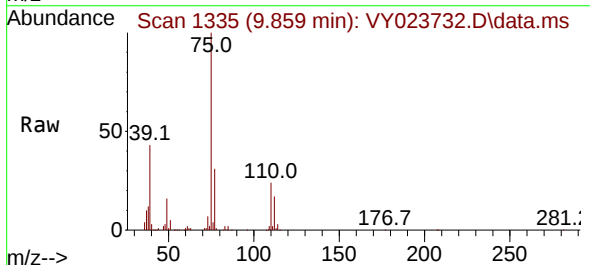
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBSD01

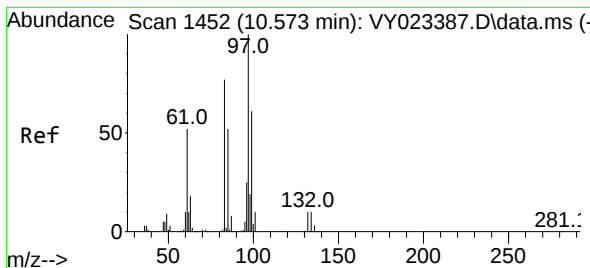
Tgt Ion: 75 Resp: 133466
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.084 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023732.D
 Acq: 11 Nov 2025 11:53

Tgt Ion: 75 Resp: 160934
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 42.6 32.8 49.2

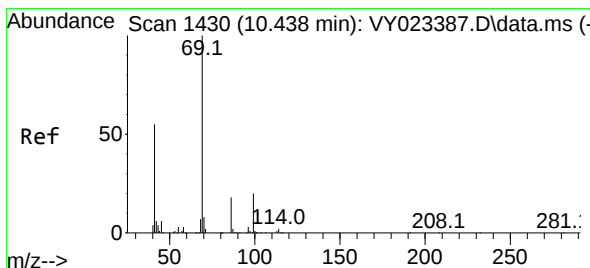
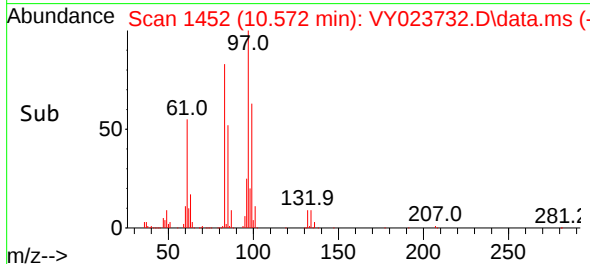
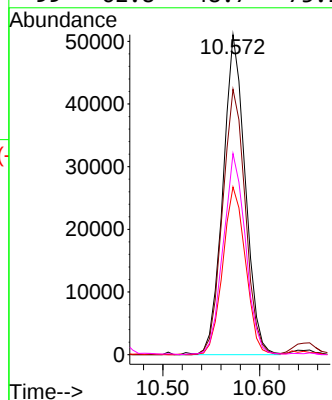
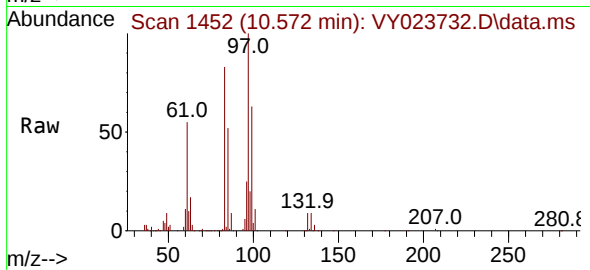




#55
1,1,2-Trichloroethane
Concen: 19.623 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

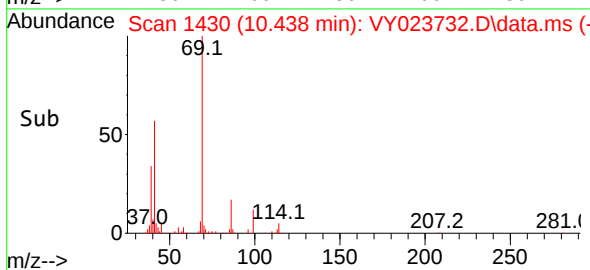
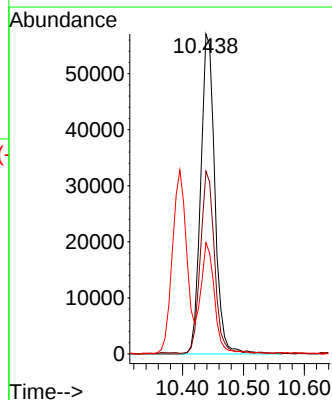
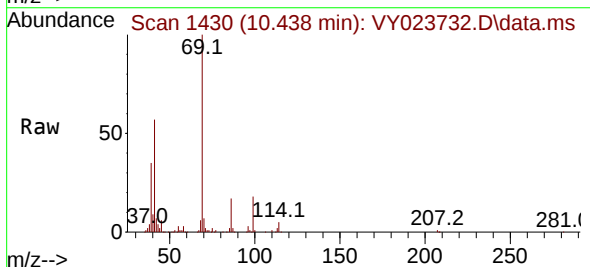
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

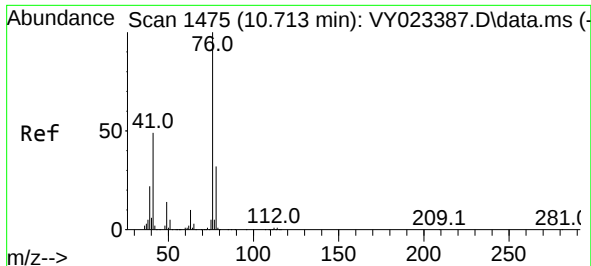
Tgt Ion:	97	Resp:	81811
Ion	Ratio	Lower	Upper
97	100		
83	82.9	61.8	92.6
85	52.2	41.3	61.9
99	62.8	48.7	73.1



#56
Ethyl methacrylate
Concen: 19.157 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion:	69	Resp:	92131
Ion	Ratio	Lower	Upper
69	100		
41	56.8	44.6	67.0
39	33.2	27.0	40.4





#57

1,3-Dichloropropane

Concen: 19.757 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

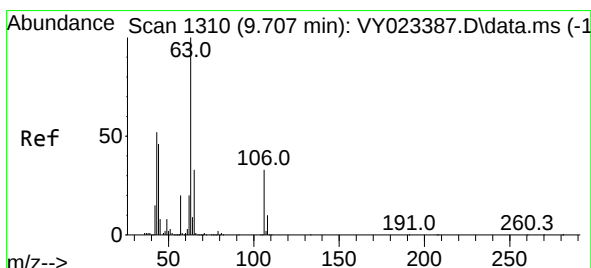
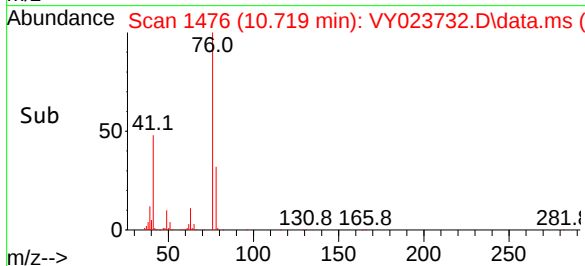
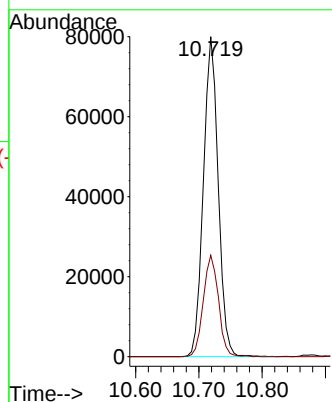
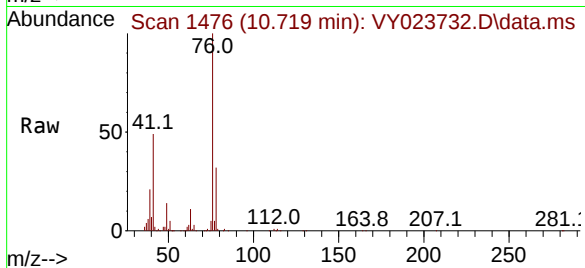
VY1111SBSD01

Tgt Ion: 76 Resp: 130526

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 93.740 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023732.D

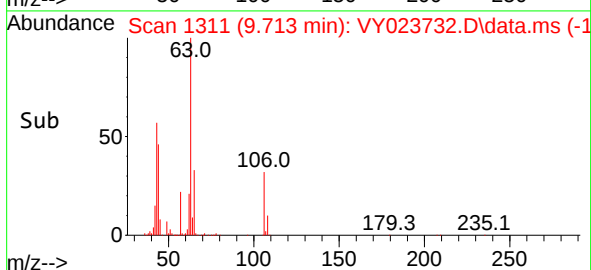
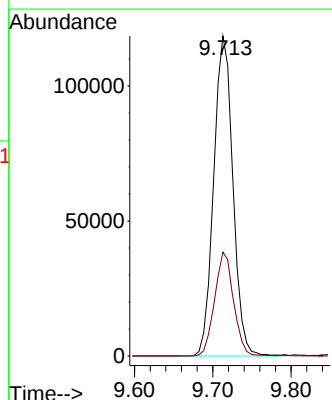
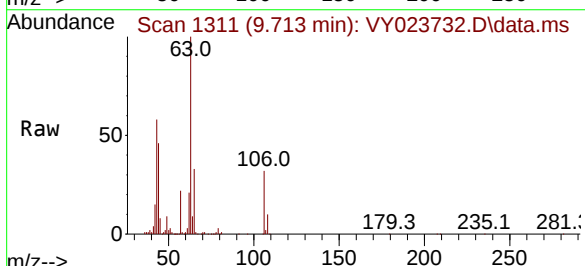
Acq: 11 Nov 2025 11:53

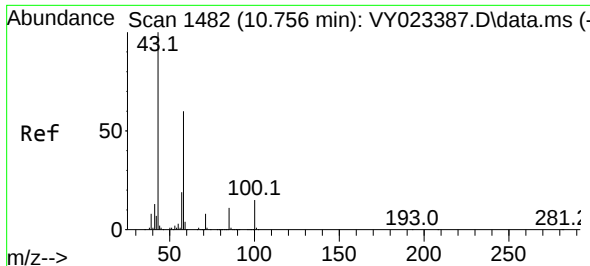
Tgt Ion: 63 Resp: 201952

Ion Ratio Lower Upper

63 100

106 32.1 26.6 39.8

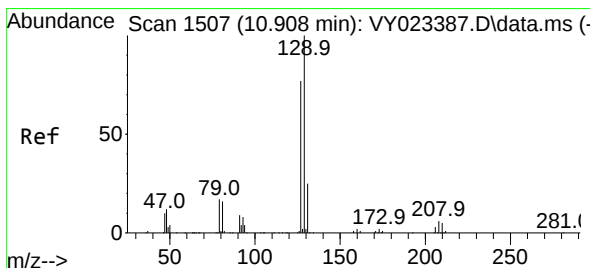
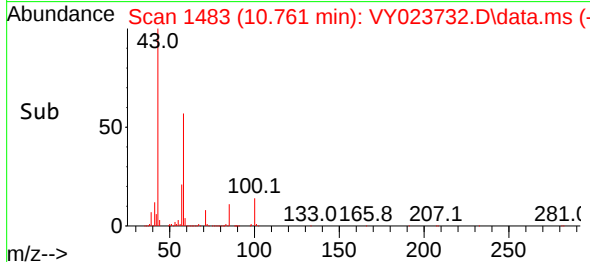
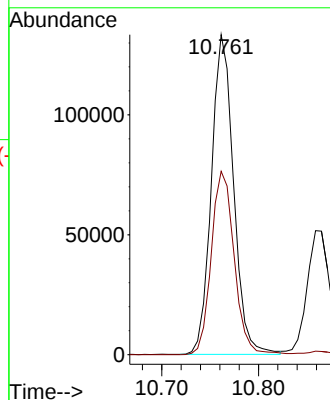
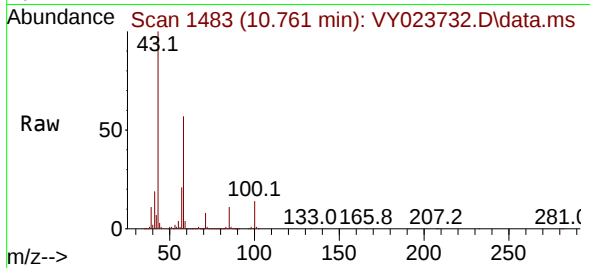




#59
2-Hexanone
Concen: 103.994 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

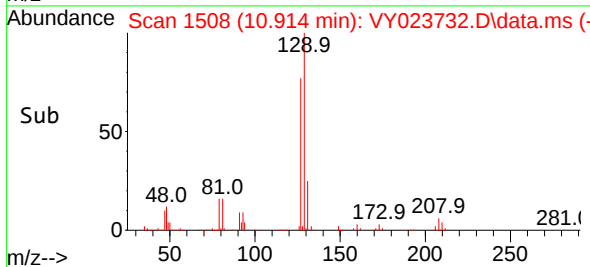
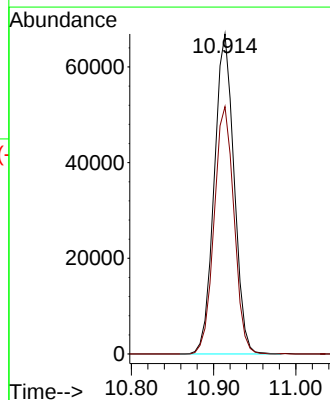
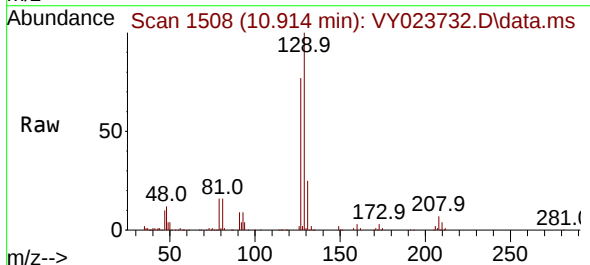
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

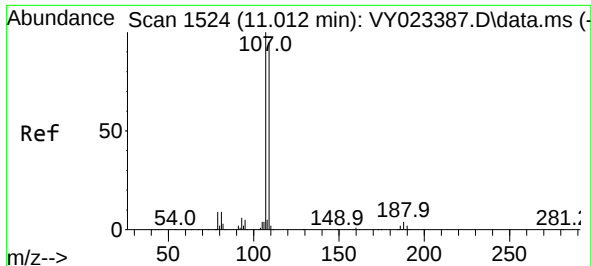
Tgt Ion: 43 Resp: 212619
Ion Ratio Lower Upper
43 100
58 59.3 30.5 91.5



#60
Dibromochloromethane
Concen: 19.148 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 129 Resp: 111927
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7

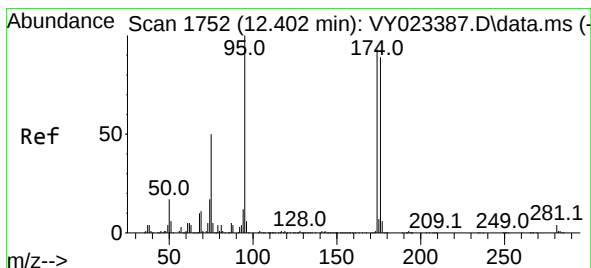
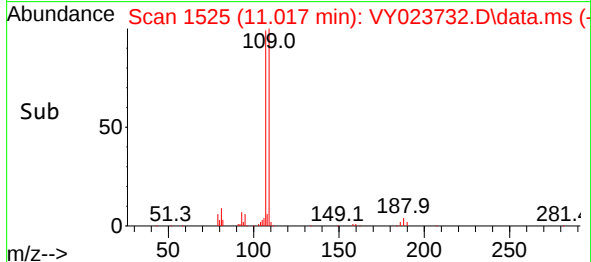
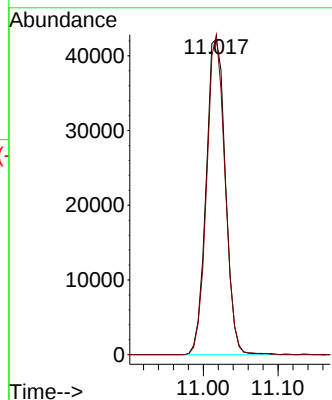
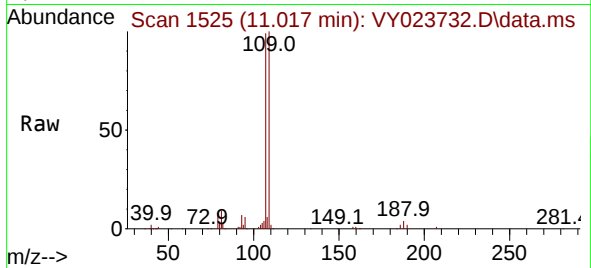




#61
1,2-Dibromoethane
Concen: 19.058 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

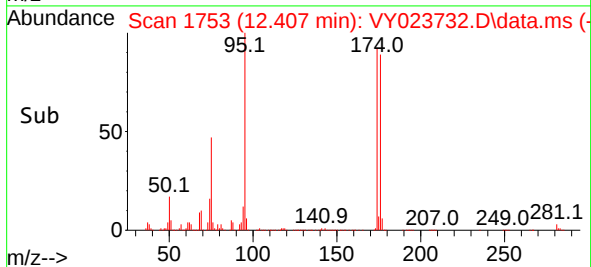
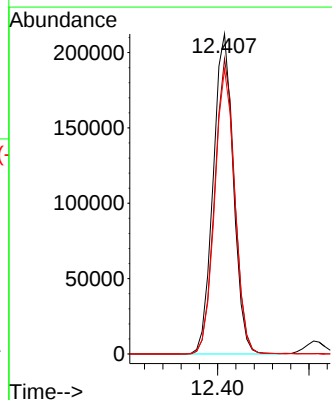
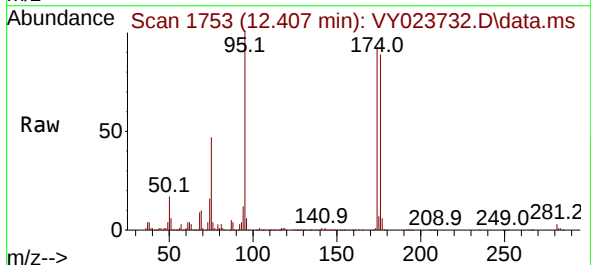
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

Tgt Ion:107 Resp: 75778
Ion Ratio Lower Upper
107 100
109 96.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.948 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 95 Resp: 325147
Ion Ratio Lower Upper
95 100
174 92.0 0.0 192.8
176 89.0 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

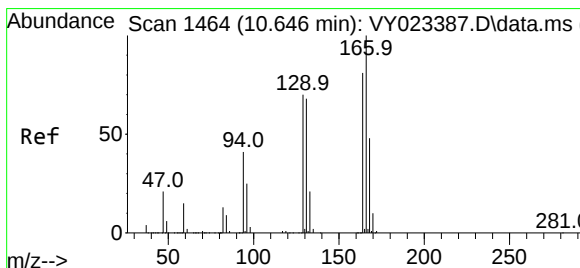
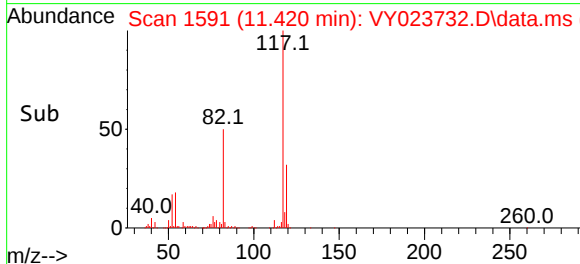
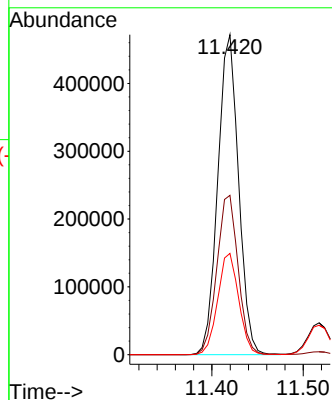
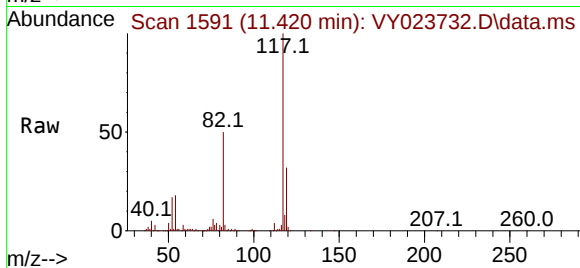
Tgt Ion:117 Resp: 746154

Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.4

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 19.250 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Tgt Ion:164 Resp: 148307

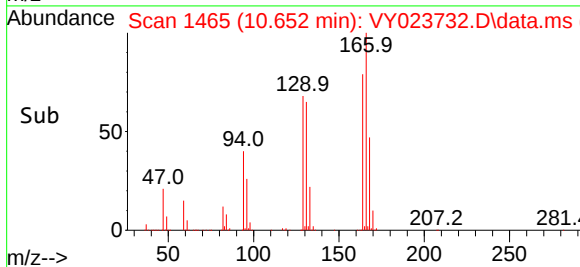
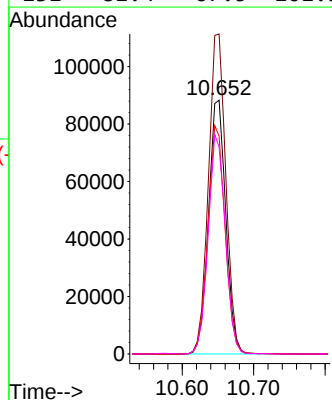
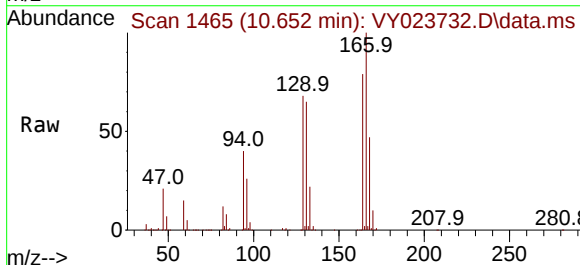
Ion Ratio Lower Upper

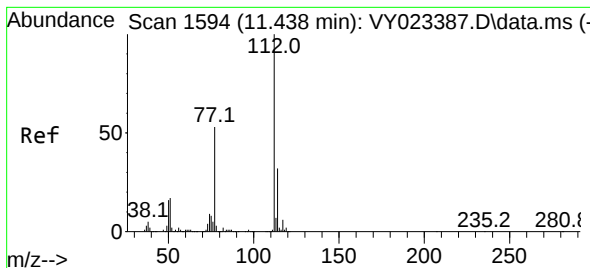
164 100

166 126.1 99.4 149.0

129 85.8 69.4 104.2

131 81.4 67.5 101.3





#65

Chlorobenzene

Concen: 19.731 ug/l

RT: 11.444 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

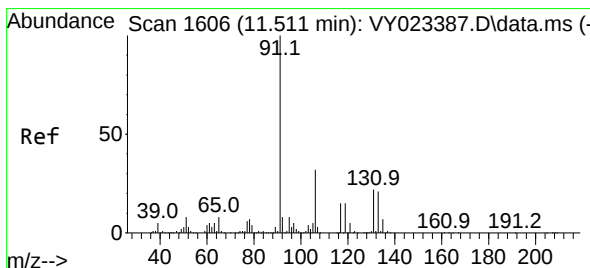
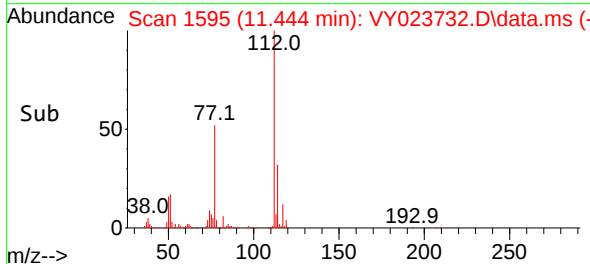
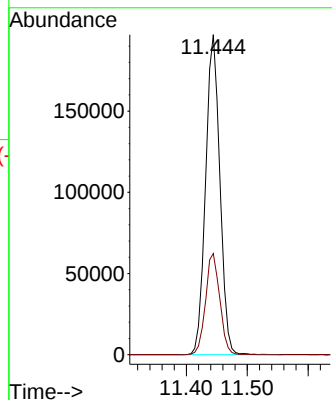
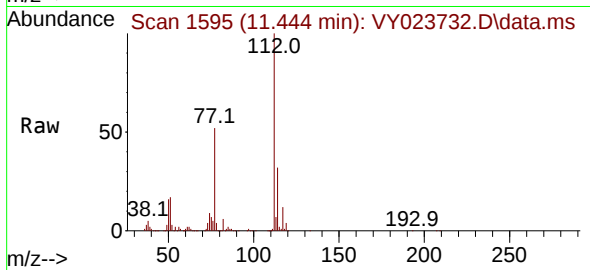
VY1111SBSD01

Tgt Ion:112 Resp: 320200

Ion Ratio Lower Upper

112 100

114 31.6 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.440 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

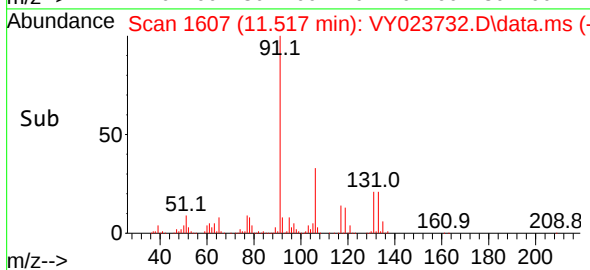
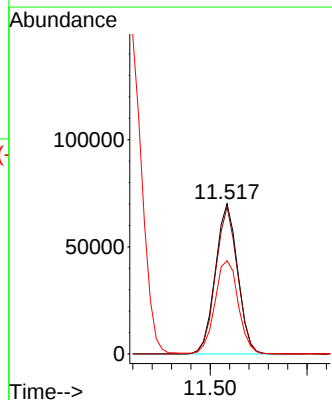
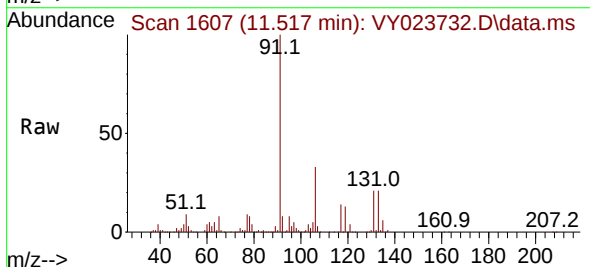
Tgt Ion:131 Resp: 112422

Ion Ratio Lower Upper

131 100

133 96.4 48.4 145.2

119 65.2 32.4 97.2





#67

Ethyl Benzene

Concen: 19.917 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

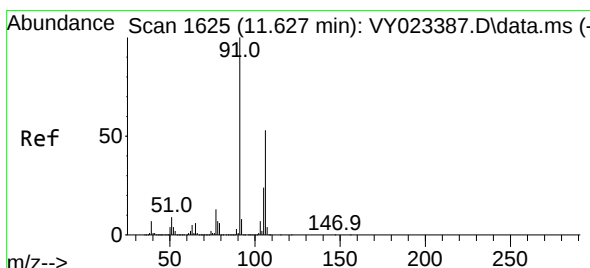
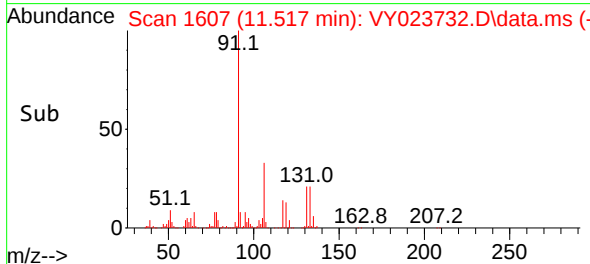
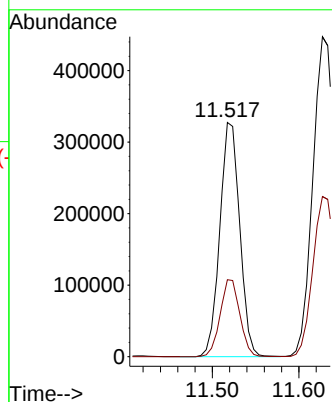
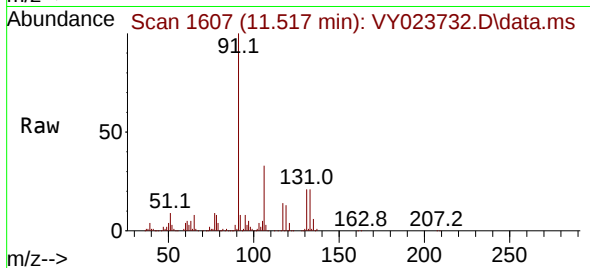
VY1111SBSD01

Tgt Ion: 91 Resp: 523191

Ion Ratio Lower Upper

91 100

106 32.8 25.8 38.8



#68

m/p-Xylenes

Concen: 39.083 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023732.D

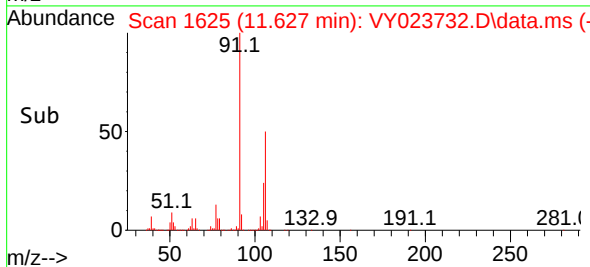
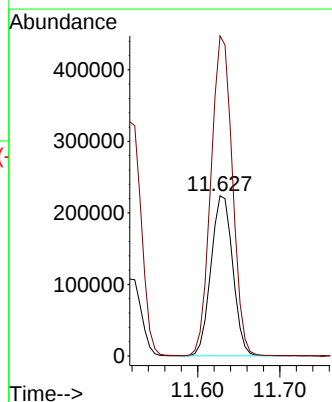
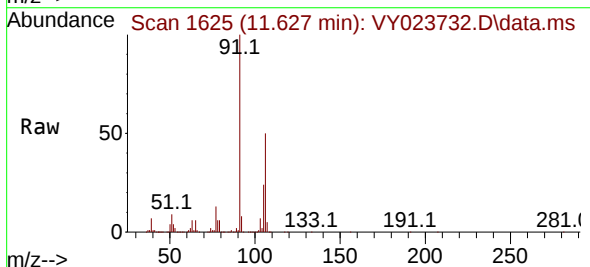
Acq: 11 Nov 2025 11:53

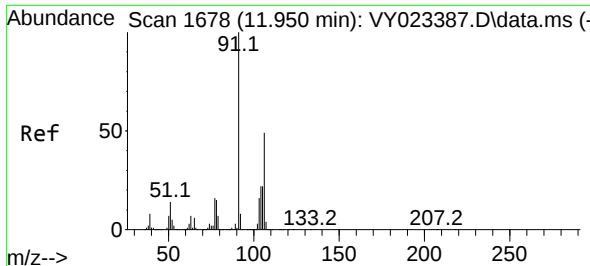
Tgt Ion:106 Resp: 411798

Ion Ratio Lower Upper

106 100

91 197.6 152.6 229.0

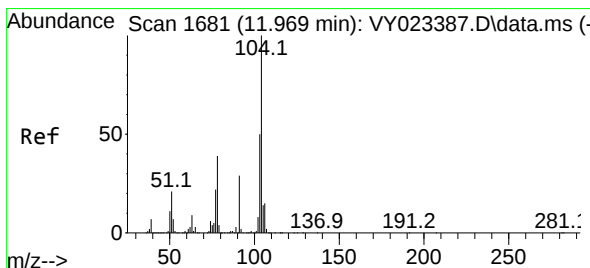
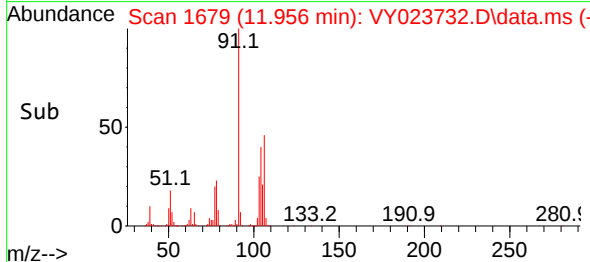
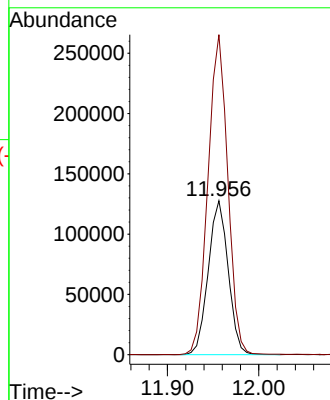
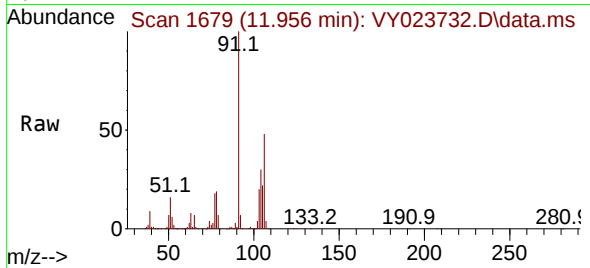




#69
o-Xylene
Concen: 19.536 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

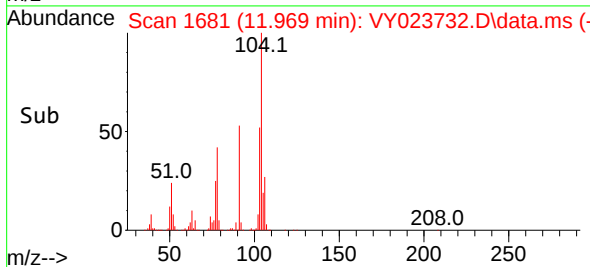
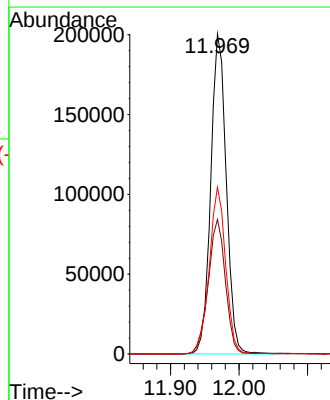
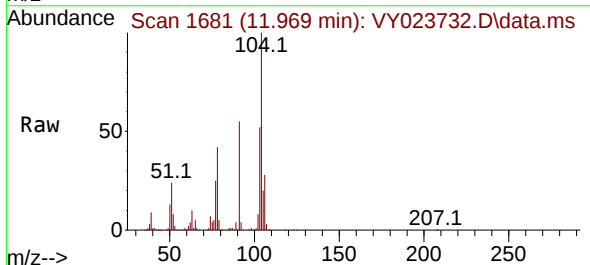
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

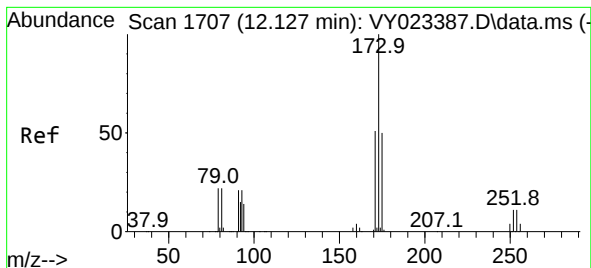
Tgt Ion:106 Resp: 193071
Ion Ratio Lower Upper
106 100
91 207.0 101.4 304.1



#70
Styrene
Concen: 19.466 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion:104 Resp: 316366
Ion Ratio Lower Upper
104 100
78 46.4 36.1 54.1
103 55.1 43.2 64.8





#71

Bromoform

Concen: 18.467 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

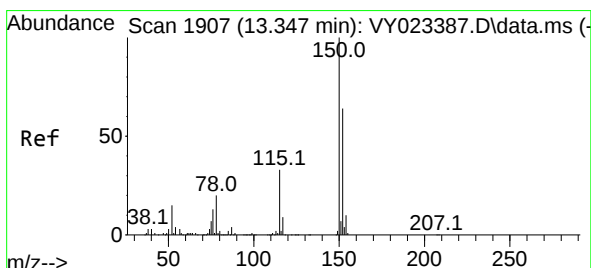
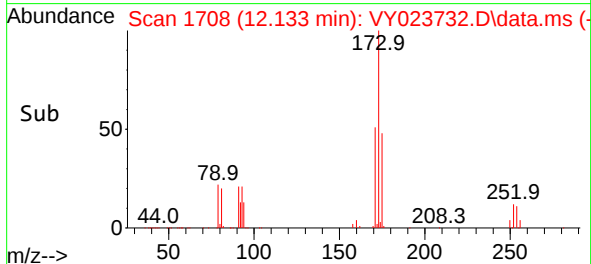
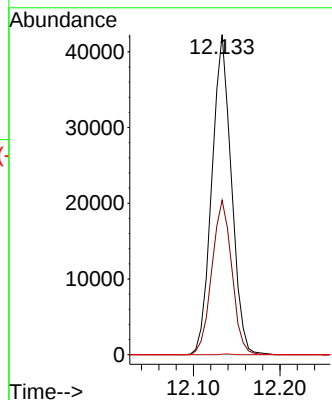
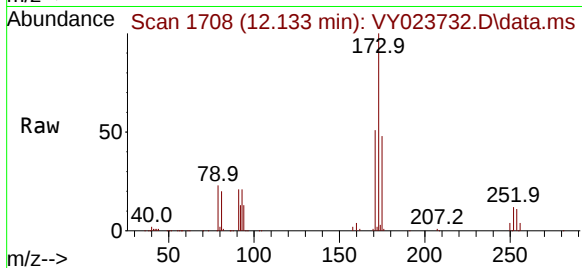
Tgt Ion:173 Resp: 66246

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

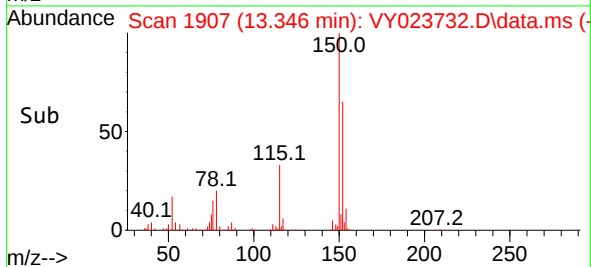
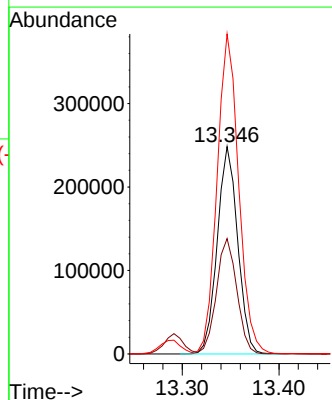
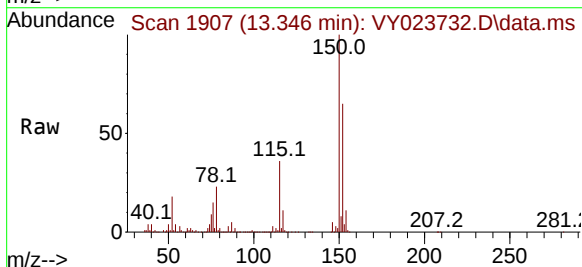
Tgt Ion:152 Resp: 364250

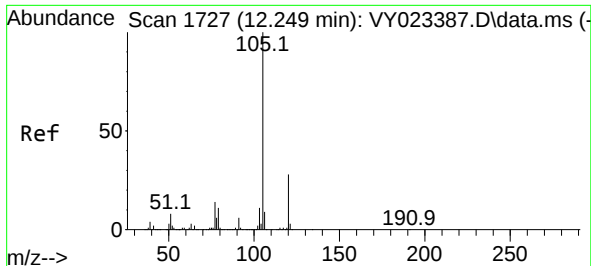
Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.2

150 163.2 0.0 347.4

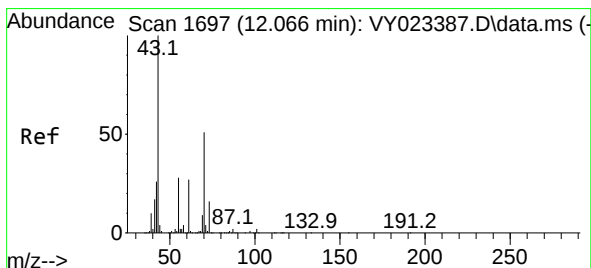
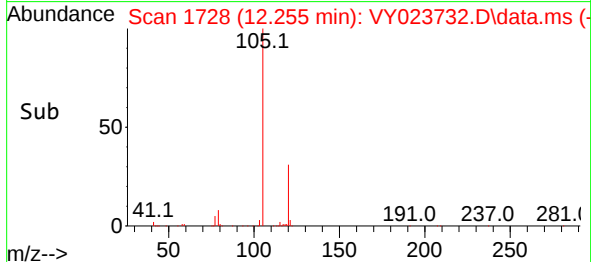
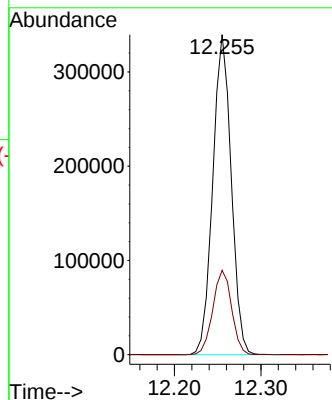
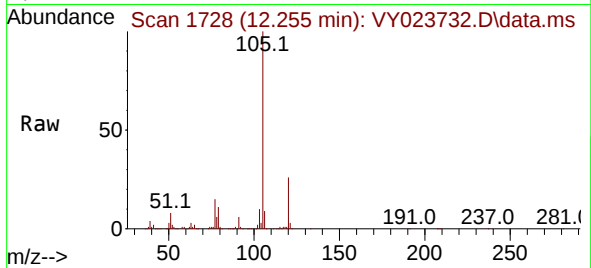




#73
Isopropylbenzene
Concen: 20.916 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

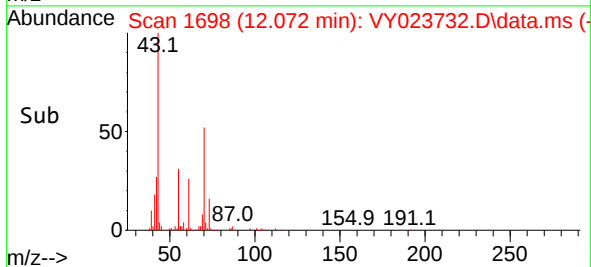
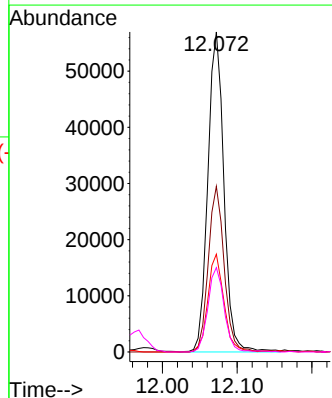
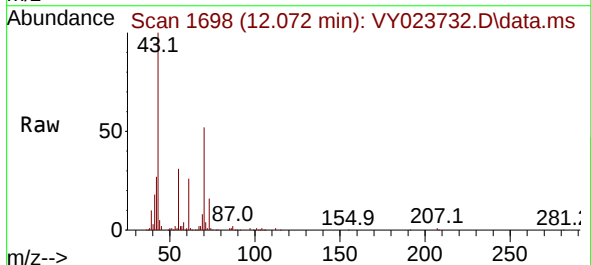
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

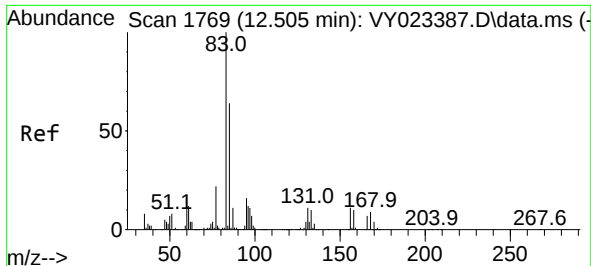
Tgt Ion:105 Resp: 502081
Ion Ratio Lower Upper
105 100
120 26.9 13.9 41.7



#74
N-ethyl acetate
Concen: 19.741 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 43 Resp: 85116
Ion Ratio Lower Upper
43 100
70 51.3 41.1 61.7
55 30.4 23.0 34.6
61 26.5 21.4 32.2

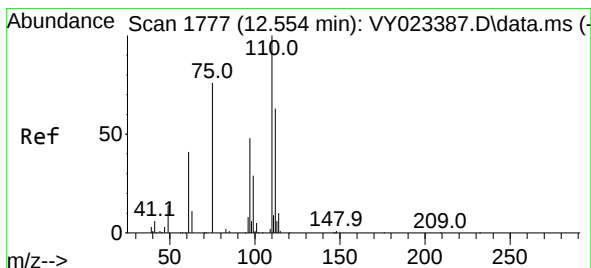
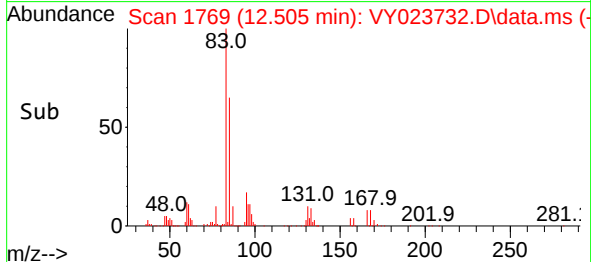
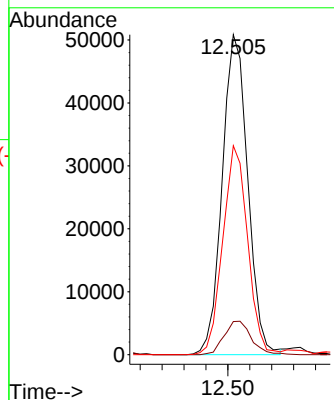
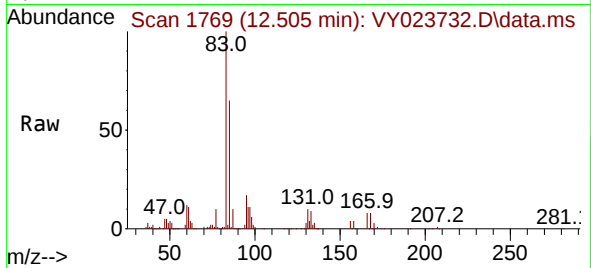




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.959 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023732.D
 Acq: 11 Nov 2025 11:53

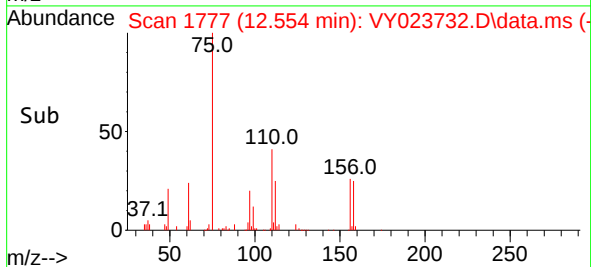
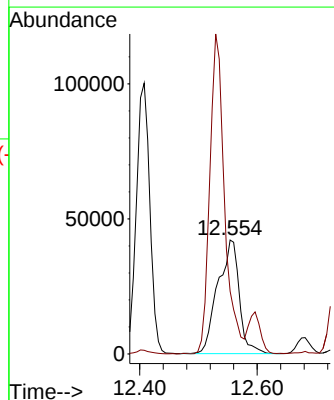
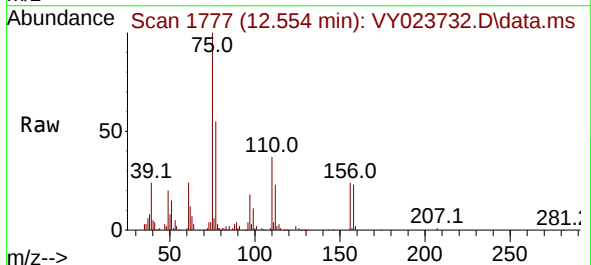
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBSD01

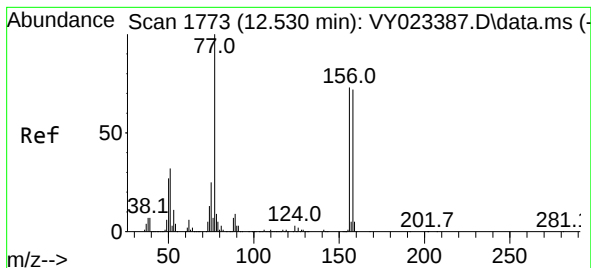
Tgt Ion: 83 Resp: 82289
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.9 17.6
 85 63.5 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 33.254 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023732.D
 Acq: 11 Nov 2025 11:53

Tgt Ion: 75 Resp: 106866
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.011 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

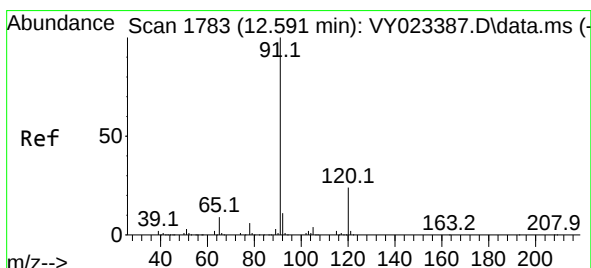
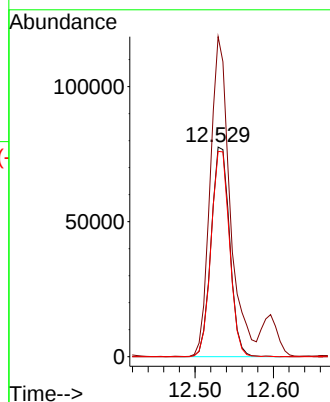
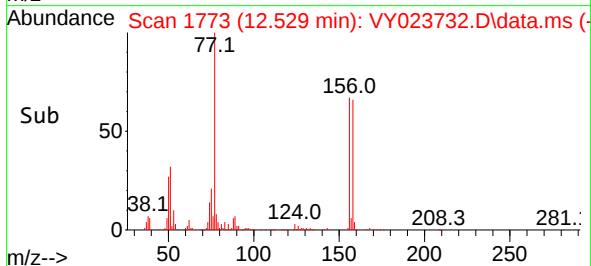
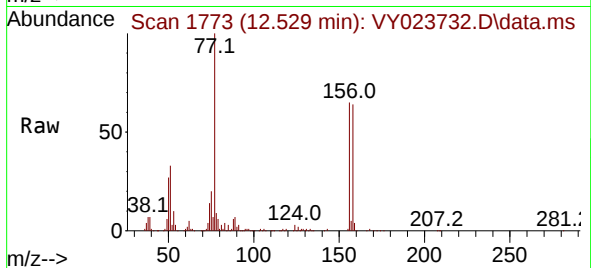
Tgt Ion:156 Resp: 127702

Ion Ratio Lower Upper

156 100

77 162.9 76.8 230.5

158 97.5 49.0 147.2



#78

n-propylbenzene

Concen: 21.230 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023732.D

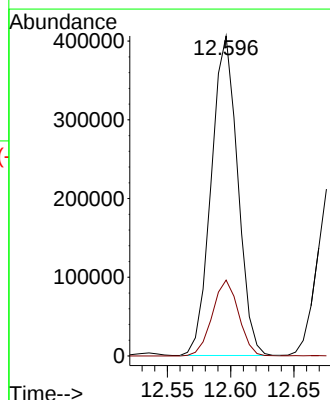
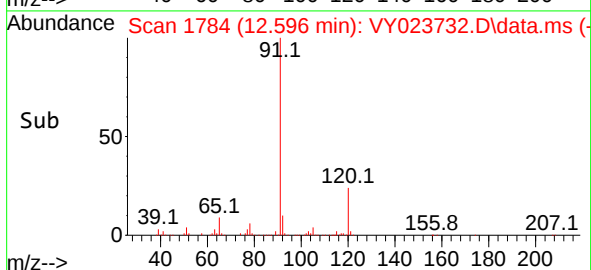
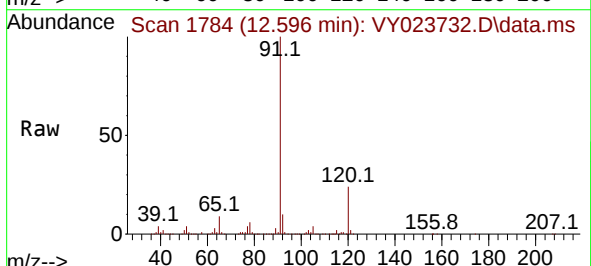
Acq: 11 Nov 2025 11:53

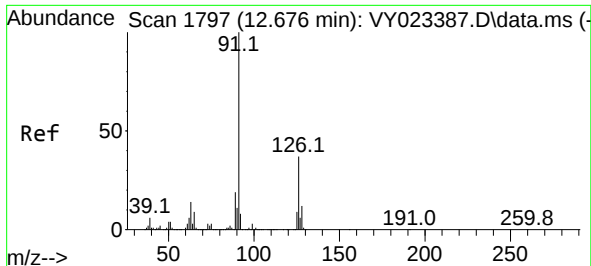
Tgt Ion: 91 Resp: 589724

Ion Ratio Lower Upper

91 100

120 23.6 12.3 36.8

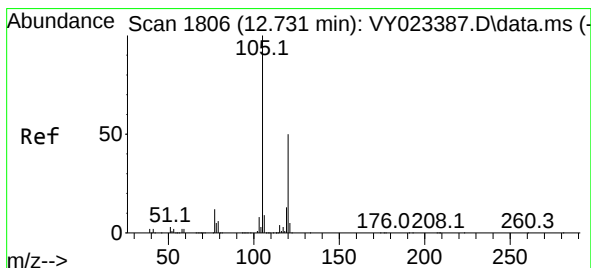
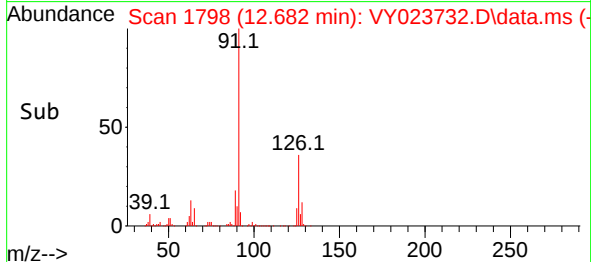
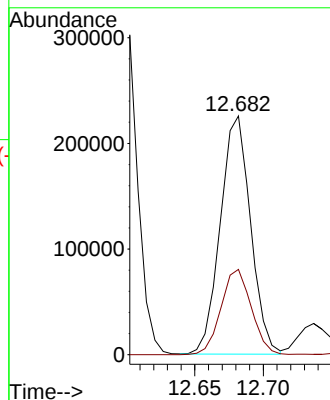
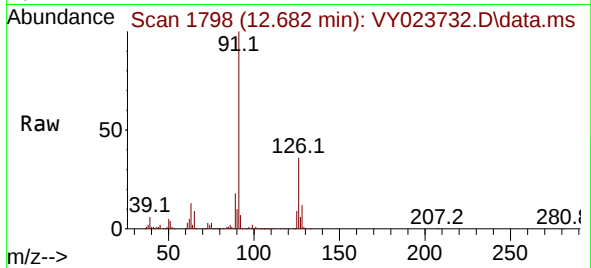




#79
2-Chlorotoluene
Concen: 21.314 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

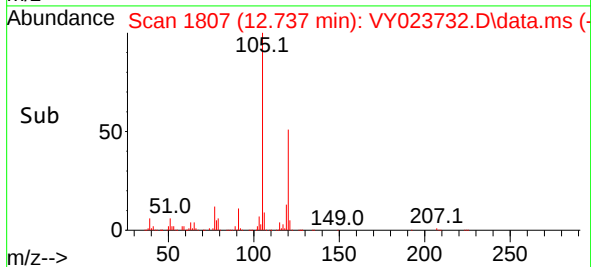
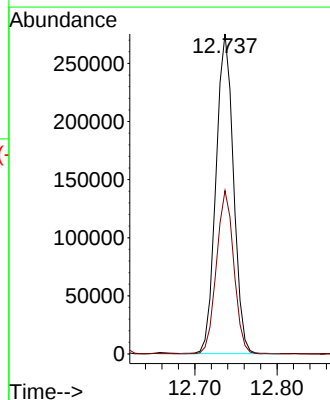
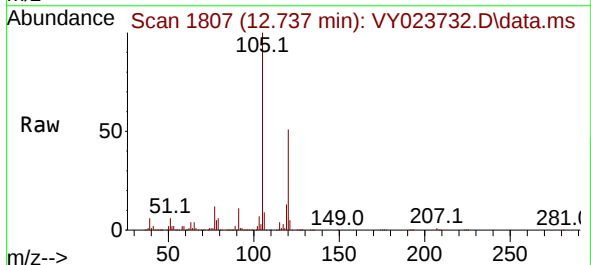
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

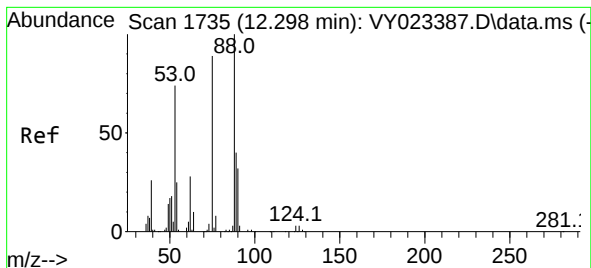
Tgt Ion: 91 Resp: 346705
Ion Ratio Lower Upper
91 100
126 36.0 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 20.960 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 105 Resp: 406568
Ion Ratio Lower Upper
105 100
120 50.7 25.4 76.4

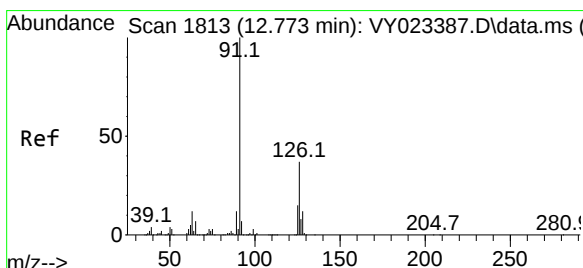
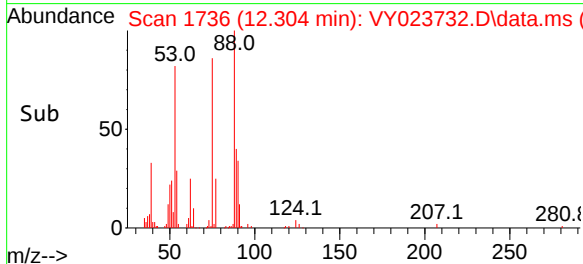
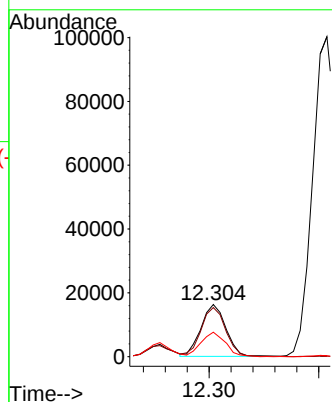
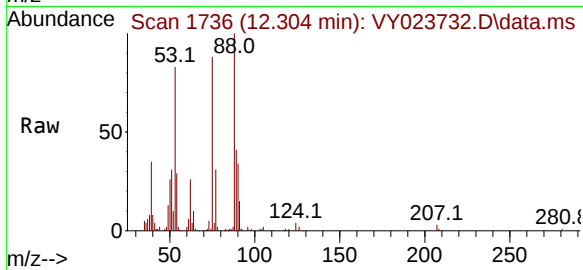




#81
trans-1,4-Dichloro-2-butene
Concen: 19.514 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

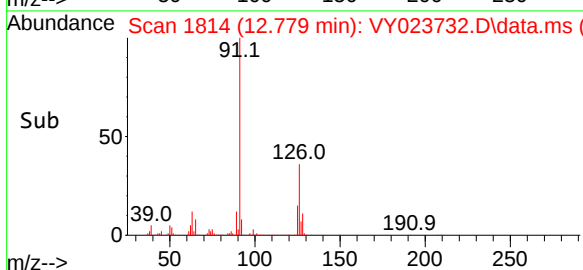
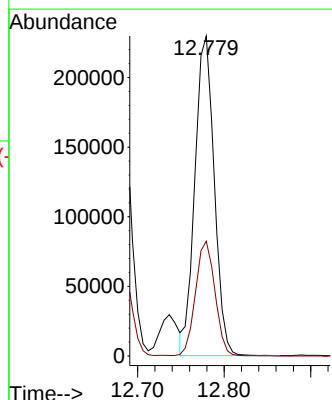
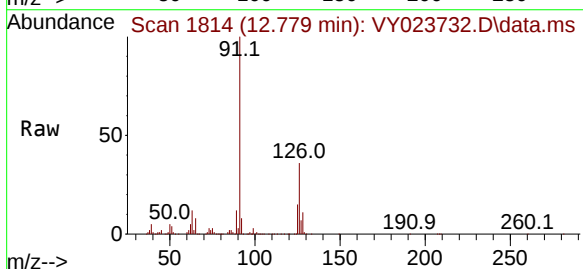
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

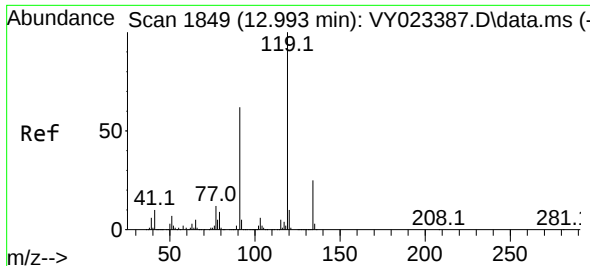
Tgt Ion: 75 Resp: 25574
Ion Ratio Lower Upper
75 100
53 95.4 68.6 102.8
89 46.3 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.252 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion: 91 Resp: 356039
Ion Ratio Lower Upper
91 100
126 36.2 18.4 55.4

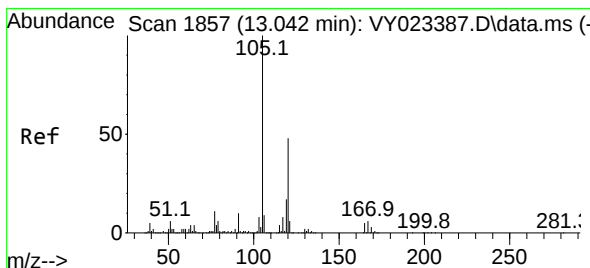
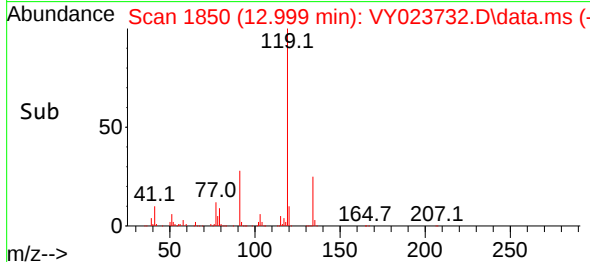
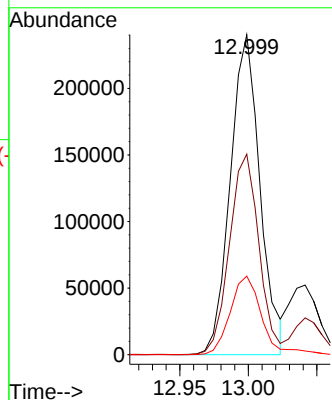
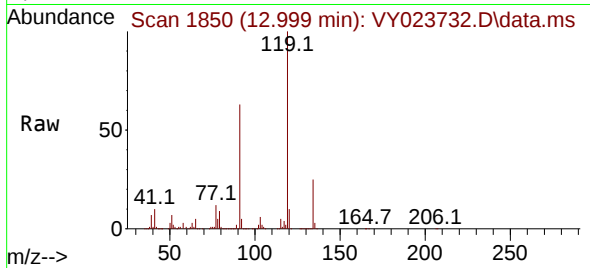




#83
tert-Butylbenzene
Concen: 20.261 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

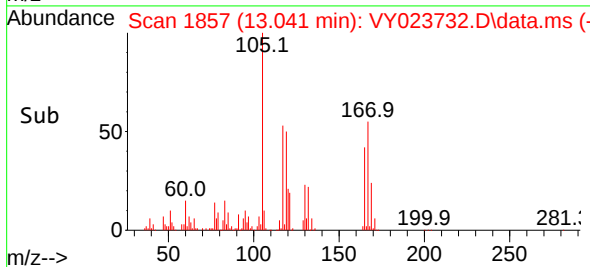
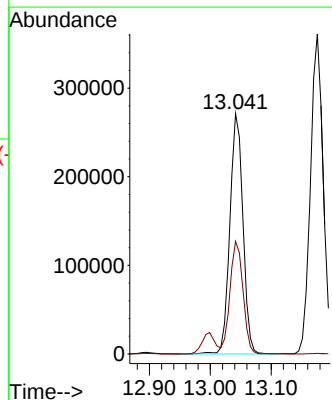
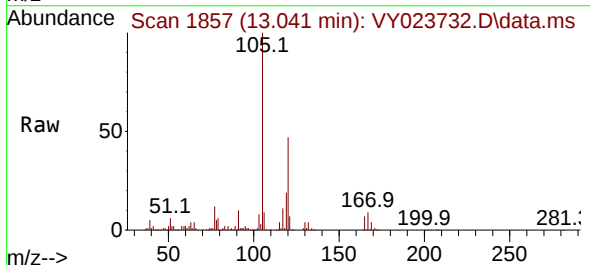
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

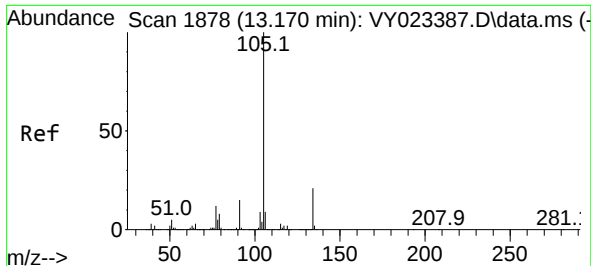
Tgt Ion:119 Resp: 362869
Ion Ratio Lower Upper
119 100
91 62.2 29.9 89.8
134 26.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.815 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023732.D
Acq: 11 Nov 2025 11:53

Tgt Ion:105 Resp: 402954
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.2

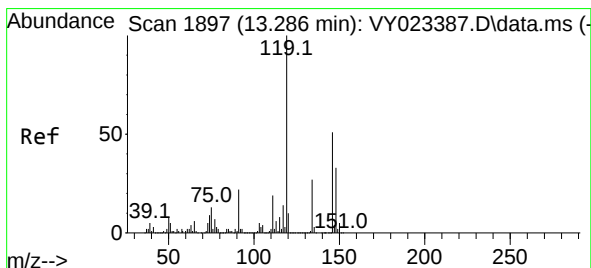
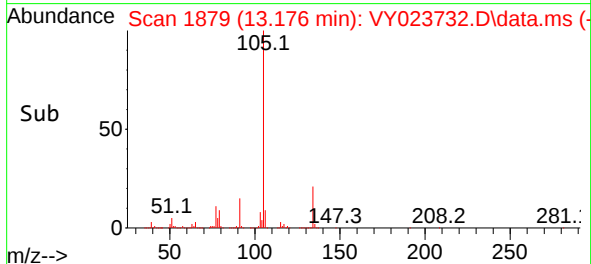
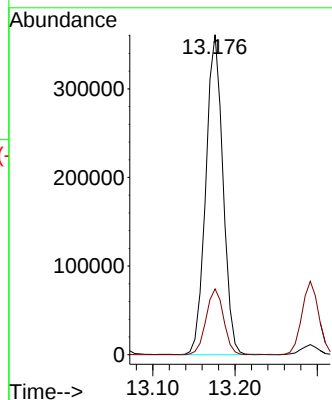
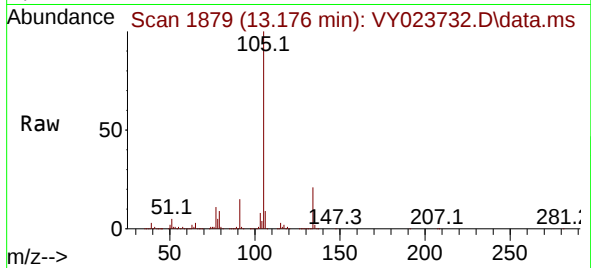




#85
 sec-Butylbenzene
 Concen: 20.309 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023732.D
 Acq: 11 Nov 2025 11:53

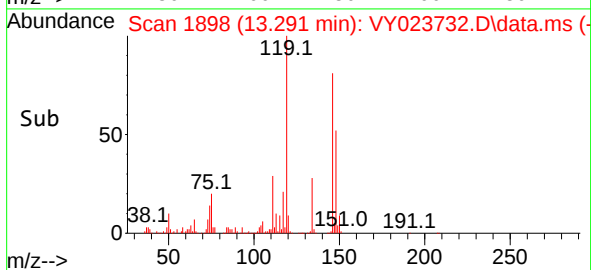
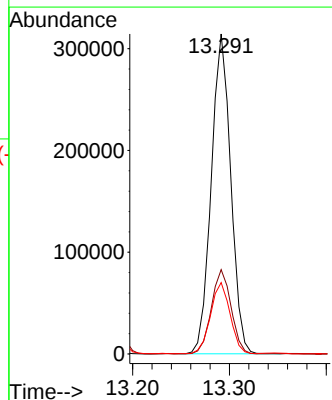
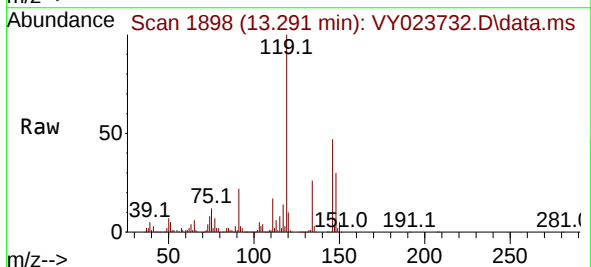
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBSD01

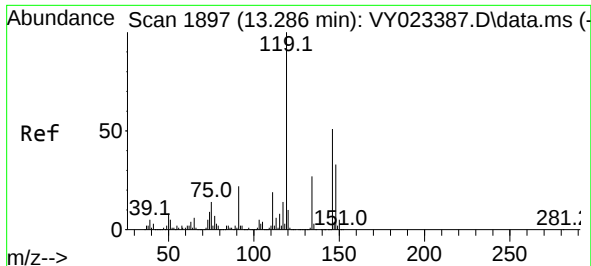
Tgt Ion:105 Resp: 521774
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 20.078 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023732.D
 Acq: 11 Nov 2025 11:53

Tgt Ion:119 Resp: 439192
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 22.3 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 19.773 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

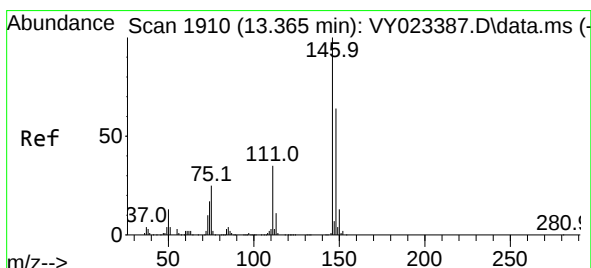
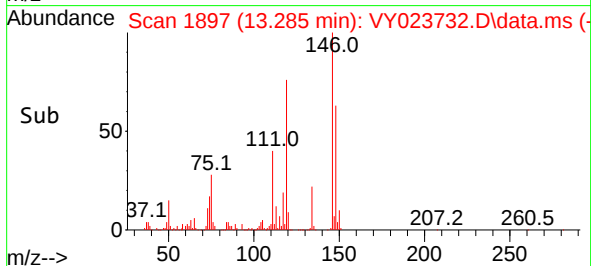
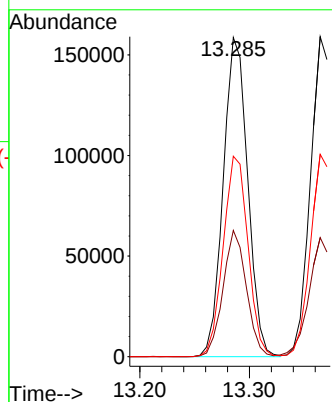
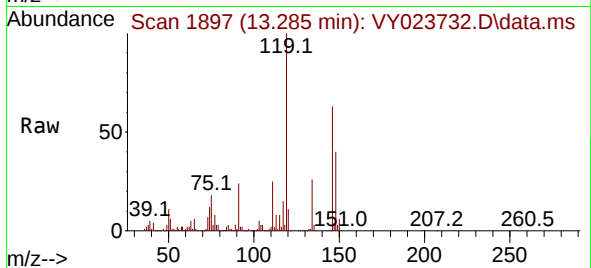
Tgt Ion:146 Resp: 245716

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.704 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

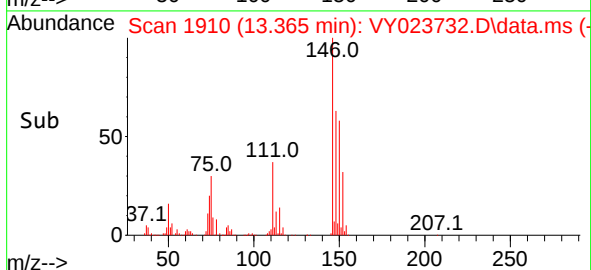
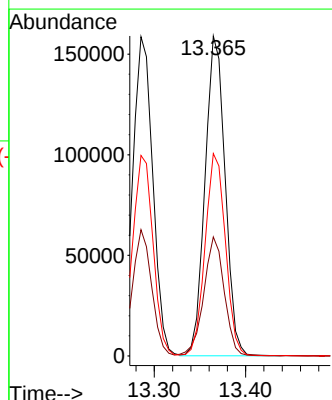
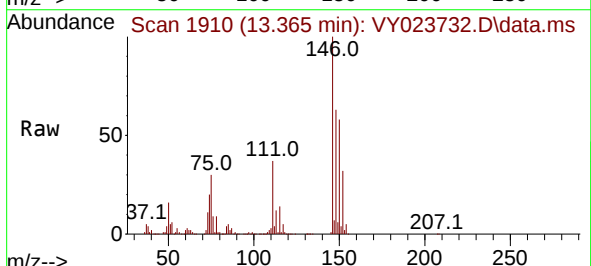
Tgt Ion:146 Resp: 241834

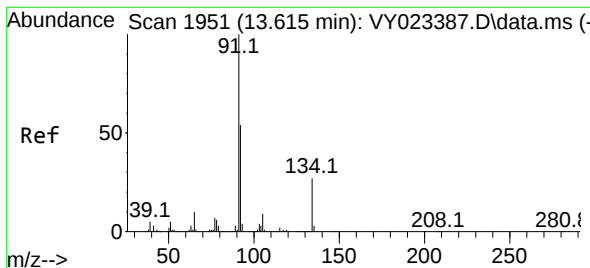
Ion Ratio Lower Upper

146 100

111 38.0 18.0 54.0

148 64.3 31.9 95.7





#89

n-Butylbenzene

Concen: 19.755 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

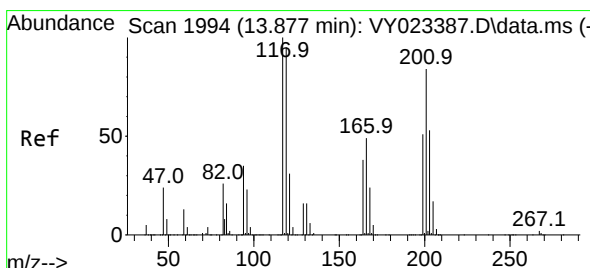
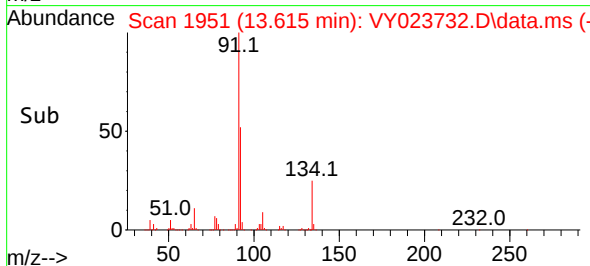
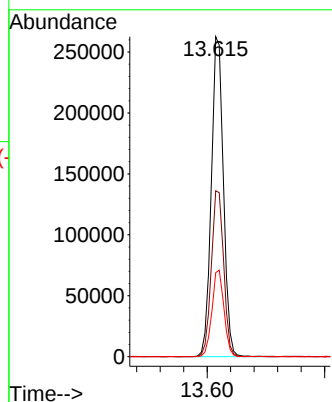
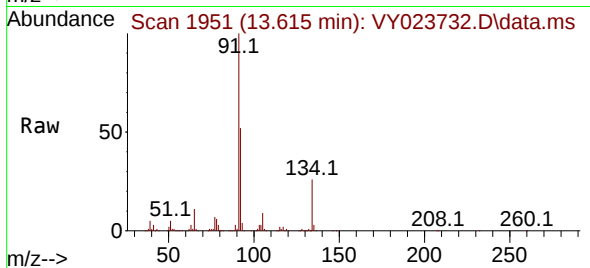
Tgt Ion: 91 Resp: 376531

Ion Ratio Lower Upper

91 100

92 52.8 27.0 80.8

134 26.8 14.1 42.2



#90

Hexachloroethane

Concen: 19.493 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023732.D

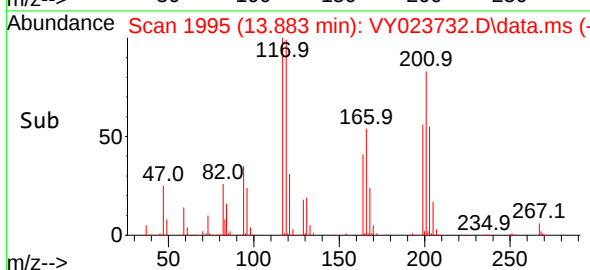
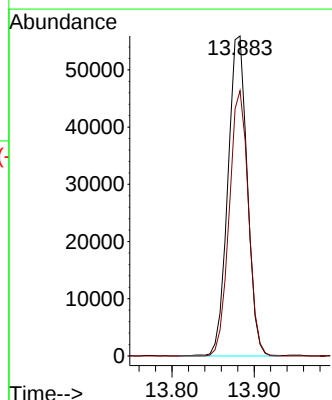
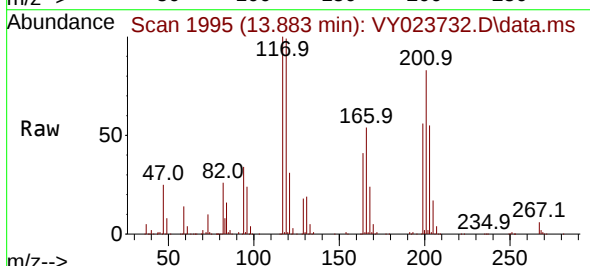
Acq: 11 Nov 2025 11:53

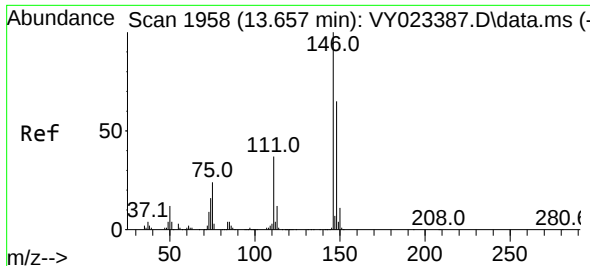
Tgt Ion: 117 Resp: 91712

Ion Ratio Lower Upper

117 100

201 81.8 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 19.440 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

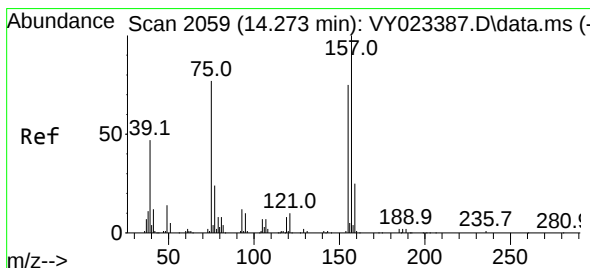
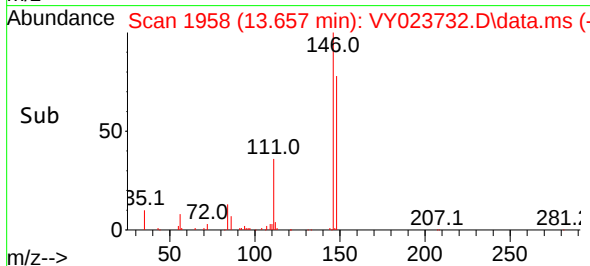
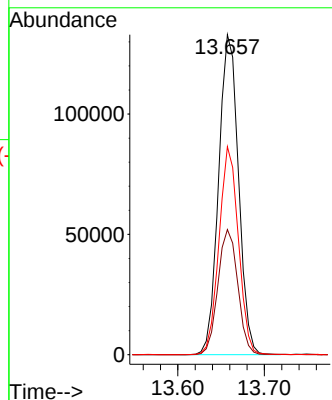
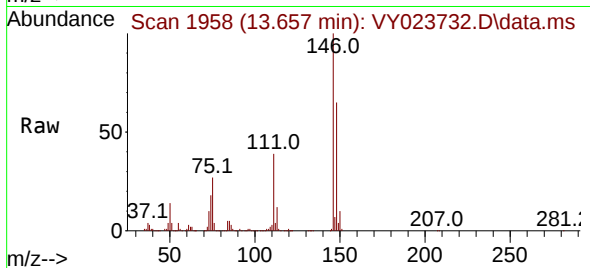
Tgt Ion:146 Resp: 211805

Ion Ratio Lower Upper

146 100

111 39.1 19.0 57.0

148 63.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.789 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

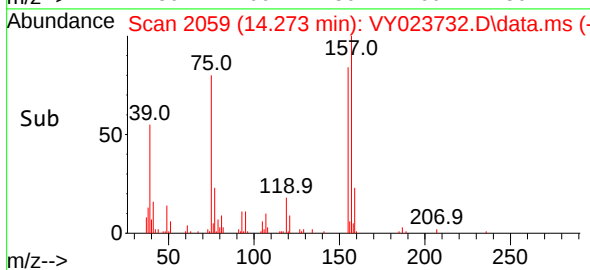
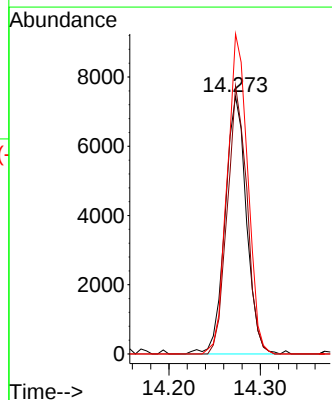
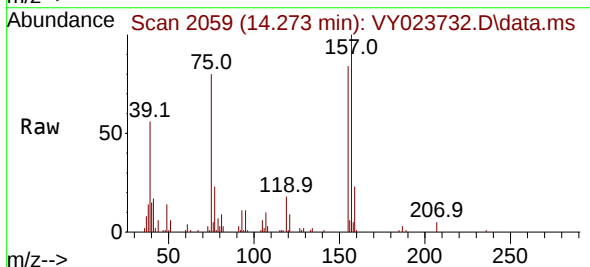
Tgt Ion: 75 Resp: 12104

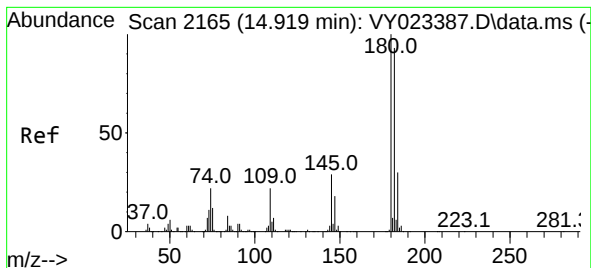
Ion Ratio Lower Upper

75 100

155 95.7 50.0 150.0

157 119.2 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 17.434 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

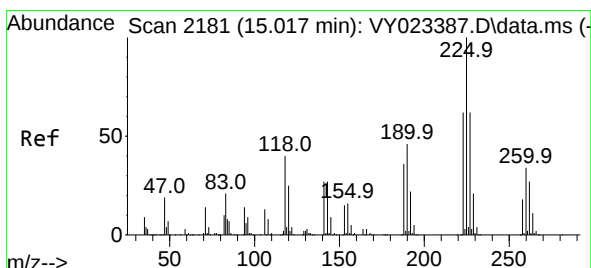
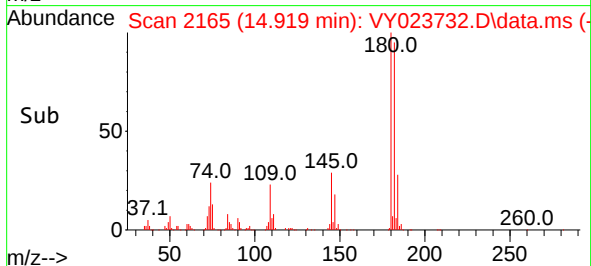
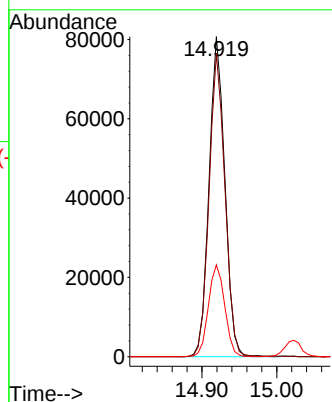
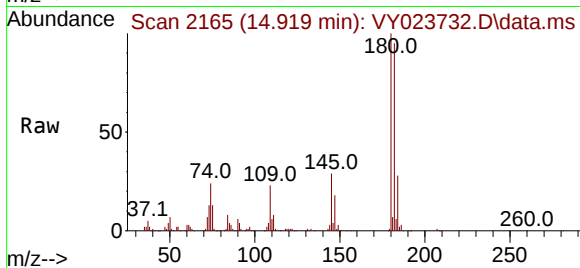
Tgt Ion:180 Resp: 118415

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 29.6 14.7 44.1



#94

Hexachlorobutadiene

Concen: 17.330 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

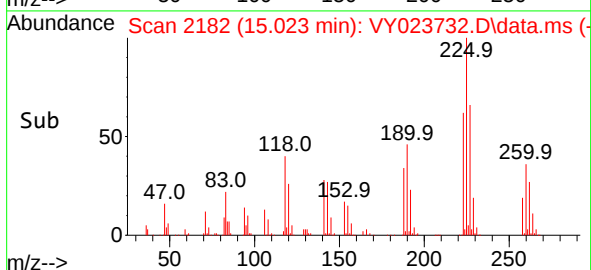
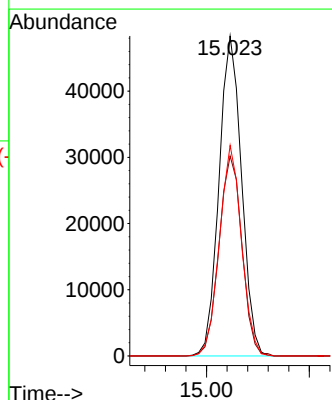
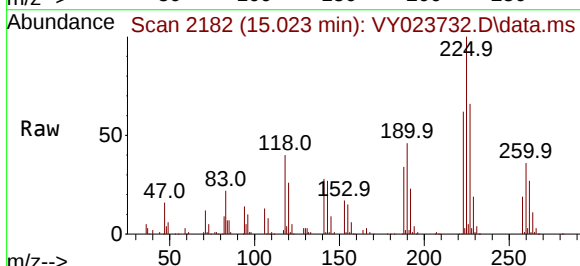
Tgt Ion:225 Resp: 73376

Ion Ratio Lower Upper

225 100

223 63.5 30.8 92.3

227 64.5 31.9 95.7





#95

Naphthalene

Concen: 16.238 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBSD01

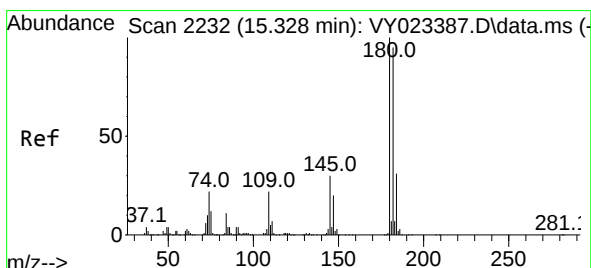
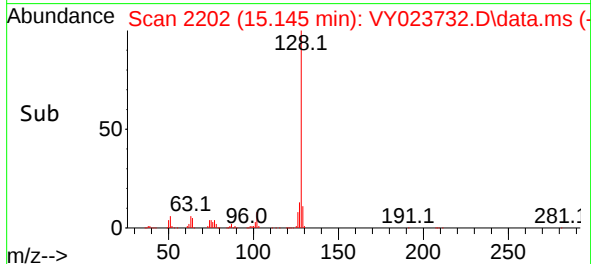
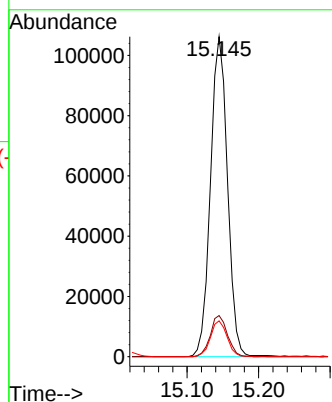
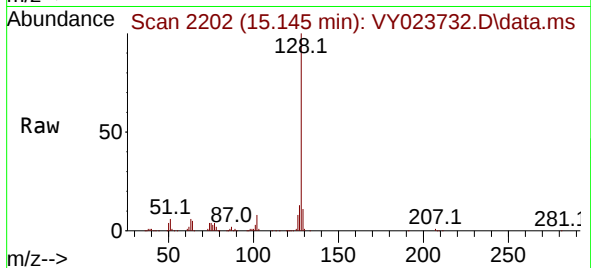
Tgt Ion:128 Resp: 175633

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 16.650 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023732.D

Acq: 11 Nov 2025 11:53

Tgt Ion:180 Resp: 97955

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 30.1 15.3 45.9

