

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023754.D
 Acq On : 12 Nov 2025 11:04
 Operator : SY/MD
 Sample : VY1112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Quant Time: Nov 14 03:35:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	546007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	796865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	695921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	358224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	230153	49.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.634	113	251781	50.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.120%
50) Toluene-d8	10.109	98	950745	51.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.408	95	310594	51.774	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75861	21.166	ug/l	96
3) Chloromethane	2.074	50	95473	19.035	ug/l	98
4) Vinyl Chloride	2.208	62	125898	19.291	ug/l	99
5) Bromomethane	2.592	94	110591	20.145	ug/l	98
6) Chloroethane	2.739	64	86569	19.192	ug/l	99
7) Trichlorofluoromethane	3.062	101	193065	21.004	ug/l	99
8) Diethyl Ether	3.458	74	51199	20.771	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	103910	20.518	ug/l	99
10) Methyl Iodide	4.007	142	104268	17.436	ug/l	100
11) Tert butyl alcohol	4.854	59	32054	106.733	ug/l	98
12) 1,1-Dichloroethene	3.793	96	96315	19.743	ug/l	94
13) Acrolein	3.659	56	32635	84.546	ug/l	95
14) Allyl chloride	4.385	41	116750	19.662	ug/l	99
15) Acrylonitrile	5.061	53	95226	101.091	ug/l	98
16) Acetone	3.866	43	131027	113.177	ug/l	96
17) Carbon Disulfide	4.110	76	295046	19.705	ug/l	100
18) Methyl Acetate	4.391	43	39801	15.586	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	223019	19.715	ug/l	99
20) Methylene Chloride	4.622	84	112698	20.165	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	108183	19.668	ug/l	98
22) Diisopropyl ether	6.018	45	268058	20.260	ug/l	92
23) Vinyl Acetate	5.964	43	743253	105.267	ug/l	99
24) 1,1-Dichloroethane	5.915	63	175299	19.888	ug/l	99
25) 2-Butanone	6.896	43	143833	107.456	ug/l	99
26) 2,2-Dichloropropane	6.890	77	160319	19.773	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	123095	19.595	ug/l	100
28) Bromochloromethane	7.250	49	68160	20.196	ug/l	99
29) Tetrahydrofuran	7.262	42	70757	99.258	ug/l	100
30) Chloroform	7.427	83	192666	19.591	ug/l	99
31) Cyclohexane	7.701	56	152164	19.823	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	176895	20.125	ug/l	100
36) 1,1-Dichloropropene	7.835	75	136108	20.454	ug/l	99
37) Ethyl Acetate	6.988	43	55113	21.394	ug/l	96
38) Carbon Tetrachloride	7.823	117	160196	20.432	ug/l	98
39) Methylcyclohexane	9.109	83	170328	20.032	ug/l	98
40) Benzene	8.079	78	422366	20.136	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	26488	18.837	ug/l	93
42) 1,2-Dichloroethane	8.158	62	107624	20.281	ug/l	98
43) Isopropyl Acetate	8.195	43	98243	20.297	ug/l	98
44) Trichloroethene	8.866	130	121333	20.140	ug/l	100
45) 1,2-Dichloropropane	9.140	63	91399	19.744	ug/l	100
46) Dibromomethane	9.231	93	56733	19.779	ug/l	99
47) Bromodichloromethane	9.426	83	146486	20.256	ug/l	98
48) Methyl methacrylate	9.225	41	42932	18.774	ug/l	93
49) 1,4-Dioxane	9.231	88	11767	400.867	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	266672	103.601	ug/l	99
52) Toluene	10.170	92	275871	20.601	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	121908	19.923	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	146970	20.047	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	75882	19.796	ug/l	98
56) Ethyl methacrylate	10.438	69	85323	20.203	ug/l	99
57) 1,3-Dichloropropane	10.719	76	123192	20.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	192429	99.292	ug/l	100
59) 2-Hexanone	10.762	43	202789	107.985	ug/l	99
60) Dibromochloromethane	10.914	129	105980	20.122	ug/l	100
61) 1,2-Dibromoethane	11.018	107	72340	20.109	ug/l	99
64) Tetrachloroethene	10.646	164	144882	20.002	ug/l	95
65) Chlorobenzene	11.444	112	300999	19.868	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	105628	19.717	ug/l	98
67) Ethyl Benzene	11.518	91	495224	20.197	ug/l	97
68) m/p-Xylenes	11.627	106	401550	40.988	ug/l	100
69) o-Xylene	11.956	106	179658	19.839	ug/l	99
70) Styrene	11.969	104	300983	20.144	ug/l	100
71) Bromoform	12.133	173	63763	20.379	ug/l #	99
73) Isopropylbenzene	12.255	105	475092	19.830	ug/l	100
74) N-amyl acetate	12.072	43	78890	19.449	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	75530	19.739	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	103008	35.530	ug/l #	100
77) Bromobenzene	12.536	156	121816	19.601	ug/l	98
78) n-propylbenzene	12.597	91	562853	19.972	ug/l	99
79) 2-Chlorotoluene	12.682	91	322130	19.698	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	392909	20.184	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25027	19.509	ug/l	99
82) 4-Chlorotoluene	12.779	91	338093	20.047	ug/l	100
83) tert-Butylbenzene	12.999	119	342262	19.305	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	390413	20.249	ug/l	100
85) sec-Butylbenzene	13.176	105	516942	20.215	ug/l	100
86) p-Isopropyltoluene	13.292	119	432225	19.966	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	236767	19.357	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	235098	19.566	ug/l	99
89) n-Butylbenzene	13.621	91	370888	19.703	ug/l	100
90) Hexachloroethane	13.883	117	90499	19.454	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	206816	19.620	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10802	18.334	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	112897	18.724	ug/l	100
94) Hexachlorobutadiene	15.023	225	74687	18.905	ug/l	98
95) Naphthalene	15.145	128	164618	19.235	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	95857	19.028	ug/l	99

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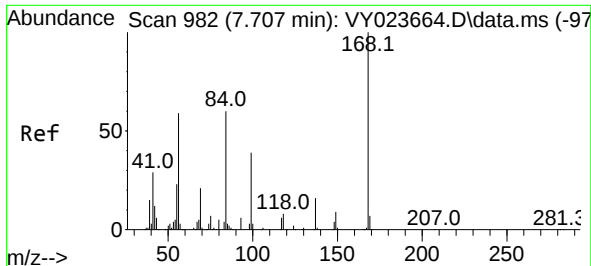
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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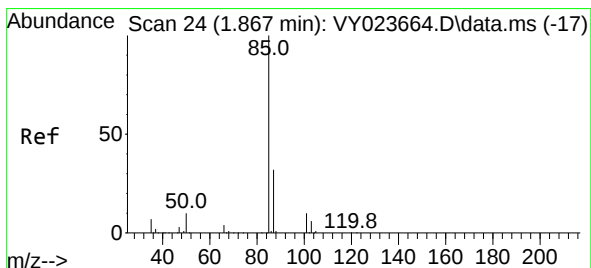
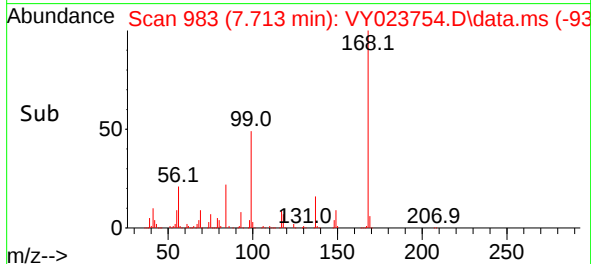
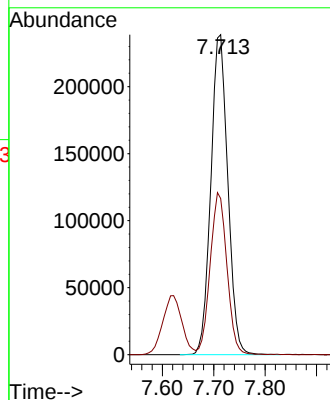
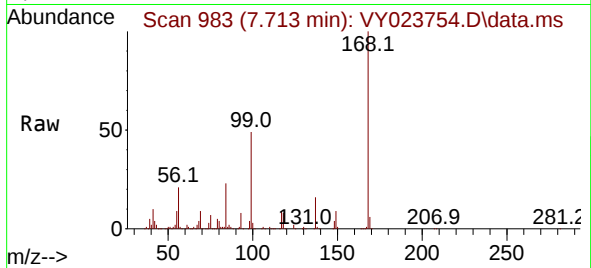




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023754.D
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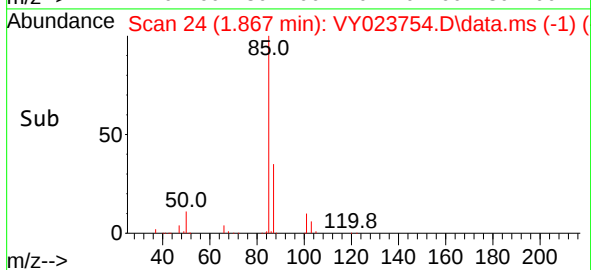
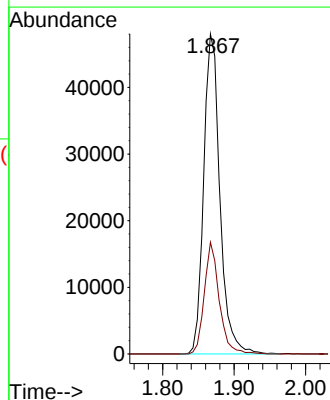
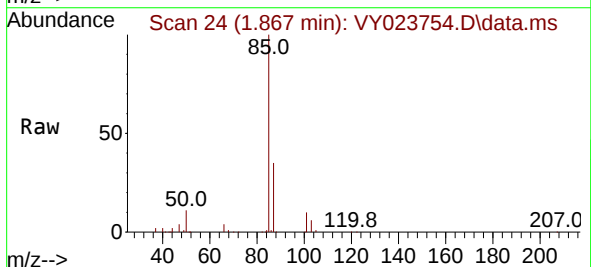
Instrument :
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ClientSampleId :
VY1112SBS01

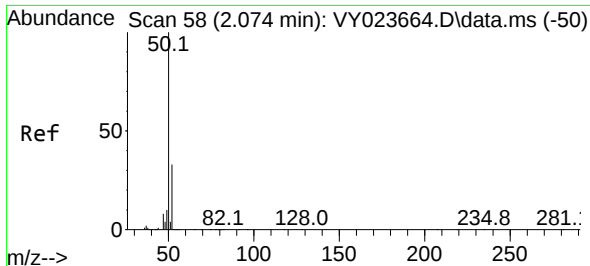
Tgt Ion:168 Resp: 546007
Ion Ratio Lower Upper
168 100
99 48.8 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 21.166 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 85 Resp: 75861
Ion Ratio Lower Upper
85 100
87 34.9 16.2 48.6

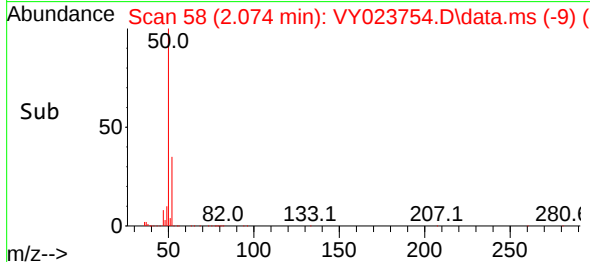
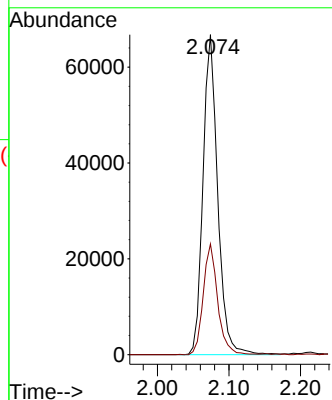
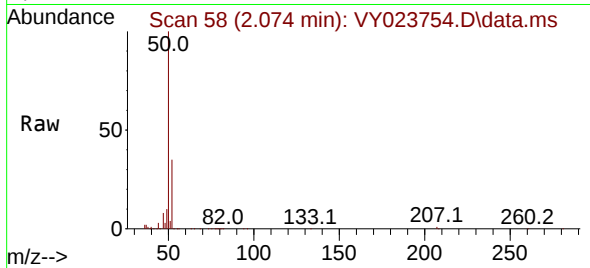




#3
Chloromethane
Concen: 19.035 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

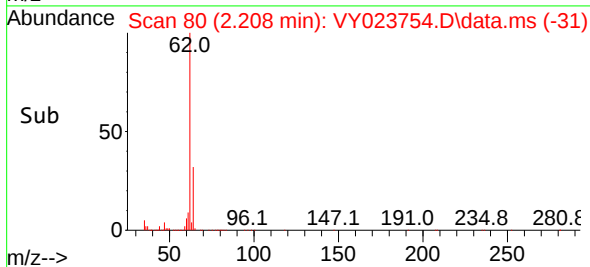
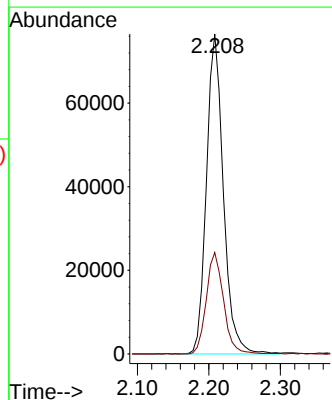
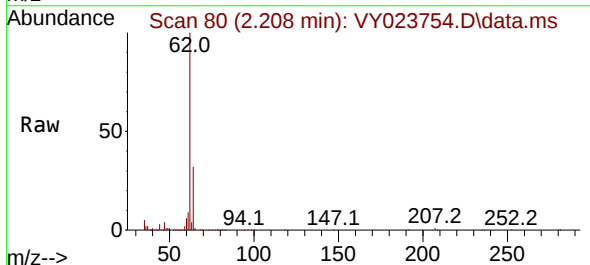
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ClientSampleId :
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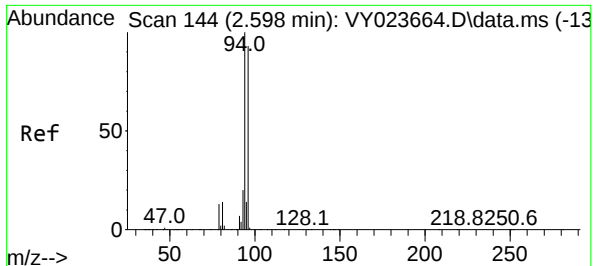
Tgt Ion: 50 Resp: 95473
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7



#4
Vinyl Chloride
Concen: 19.291 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 62 Resp: 125898
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5

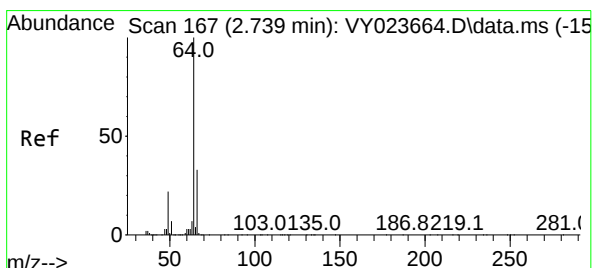
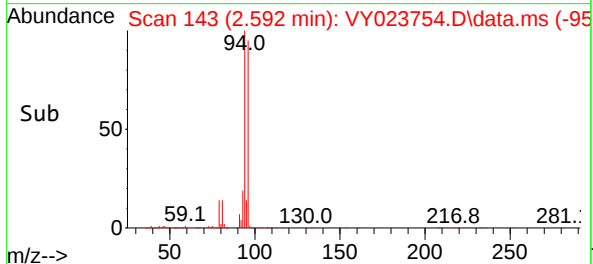
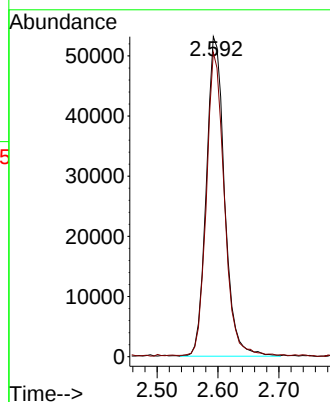
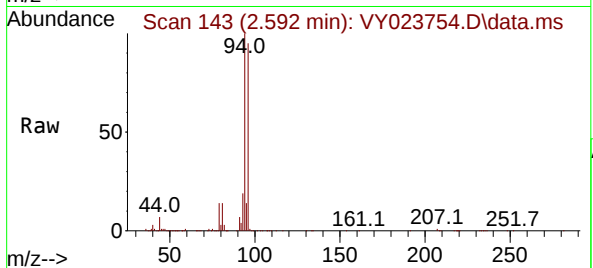




#5
Bromomethane
Concen: 20.145 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

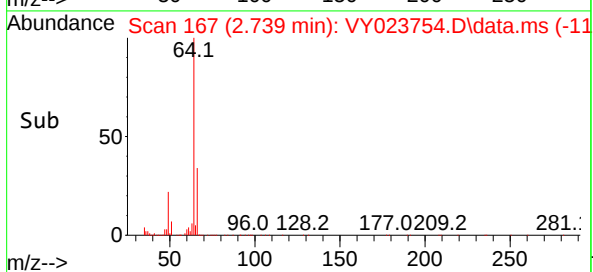
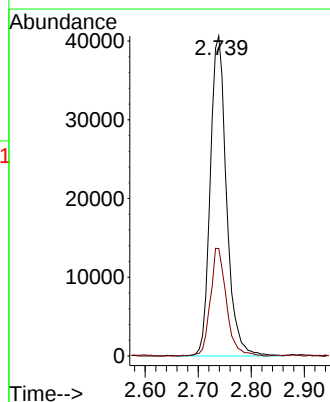
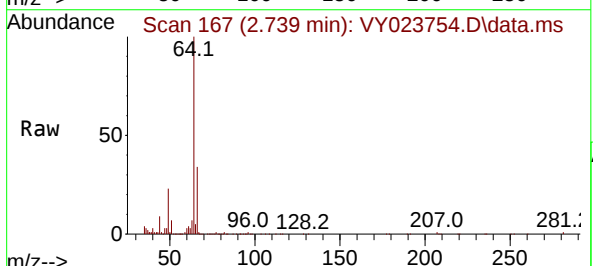
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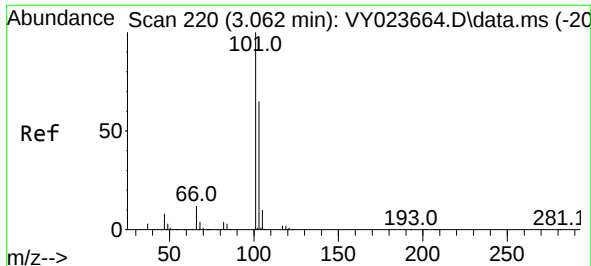
Tgt Ion: 94 Resp: 110591
Ion Ratio Lower Upper
94 100
96 94.8 74.4 111.6



#6
Chloroethane
Concen: 19.192 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 64 Resp: 86569
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4

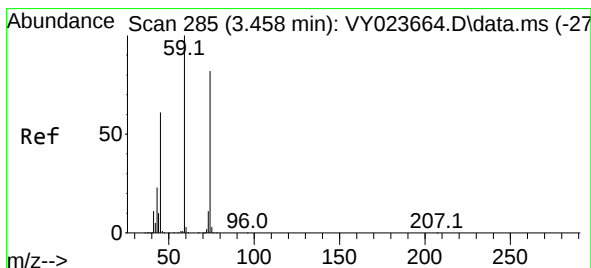
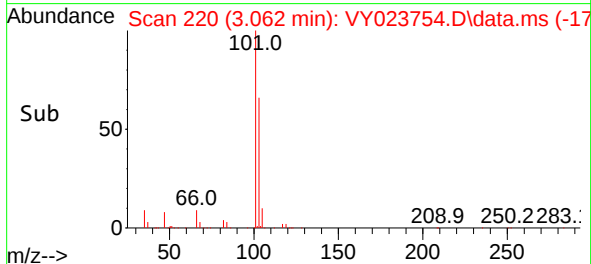
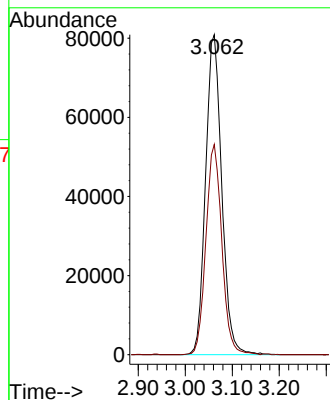
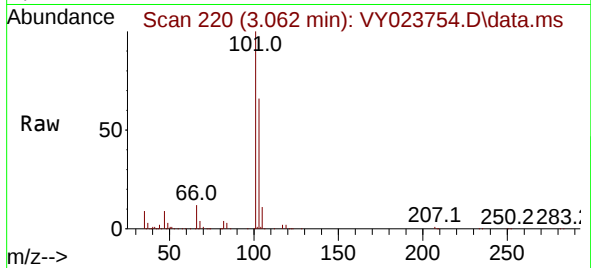




#7
Trichlorofluoromethane
Concen: 21.004 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

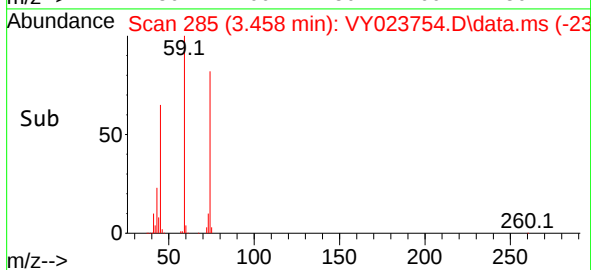
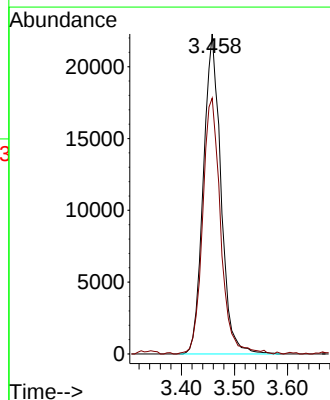
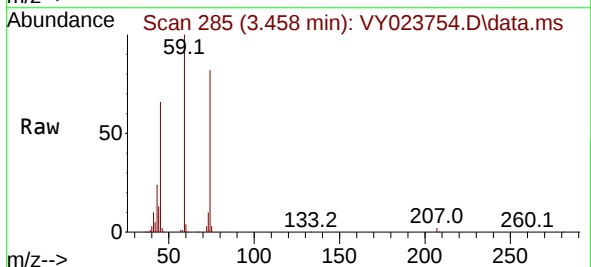
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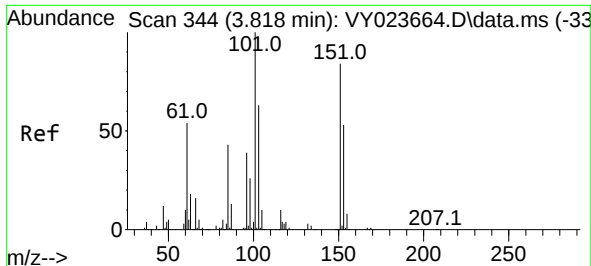
Tgt Ion:101 Resp: 193065
Ion Ratio Lower Upper
101 100
103 65.7 52.1 78.1



#8
Diethyl Ether
Concen: 20.771 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 74 Resp: 51199
Ion Ratio Lower Upper
74 100
45 81.9 40.6 121.7

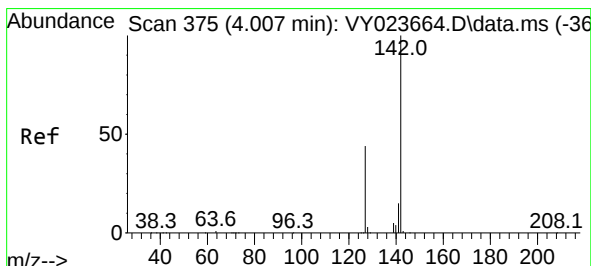
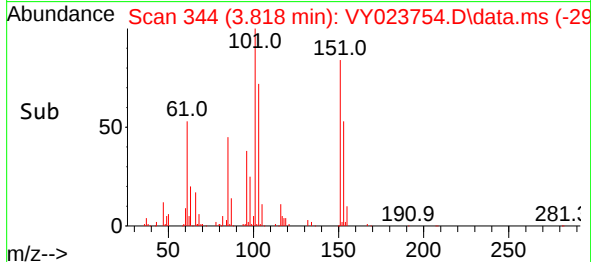
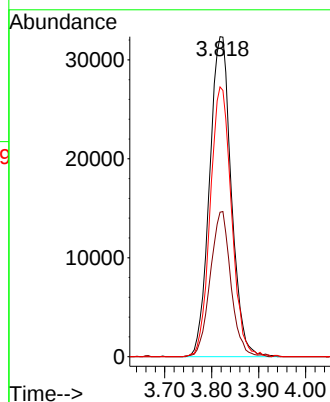
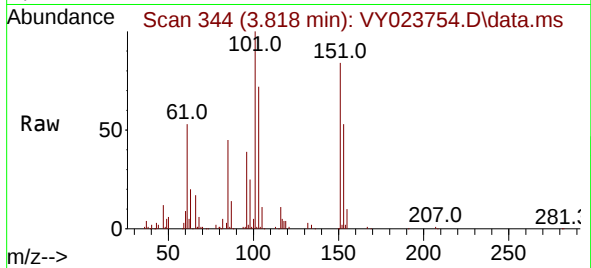




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.518 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023754.D
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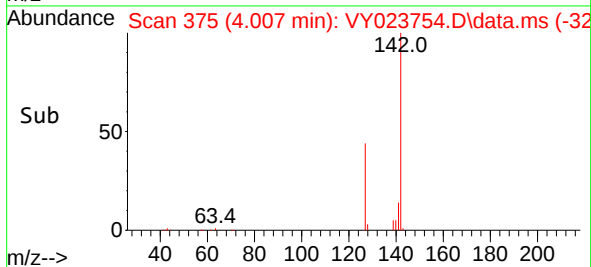
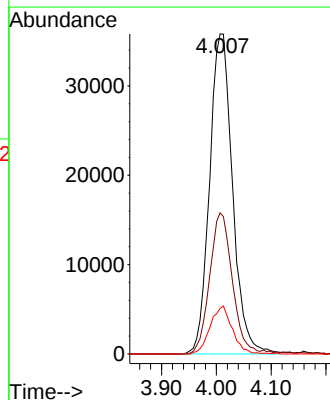
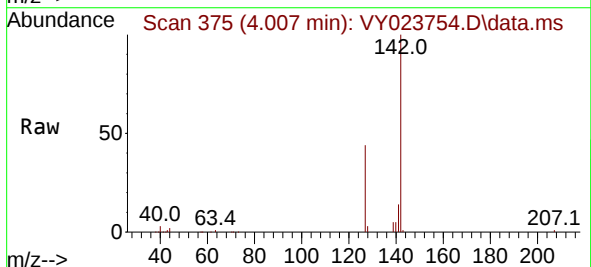
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

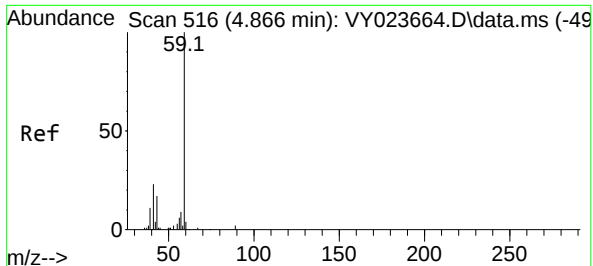
Tgt Ion:101 Resp: 103910
Ion Ratio Lower Upper
101 100
85 43.1 34.4 51.6
151 82.6 65.6 98.4



#10
Methyl Iodide
Concen: 17.436 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:142 Resp: 104268
Ion Ratio Lower Upper
142 100
127 43.2 34.6 51.8
141 14.5 11.6 17.4

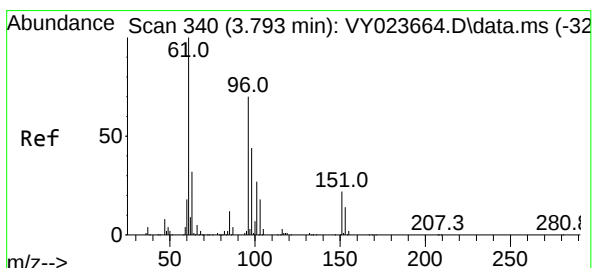
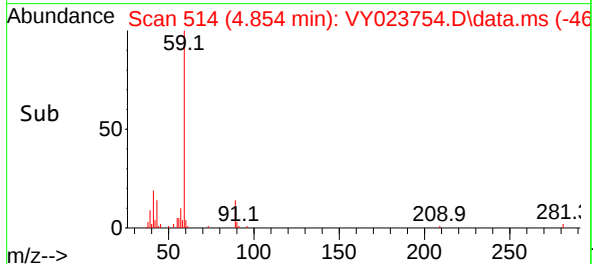
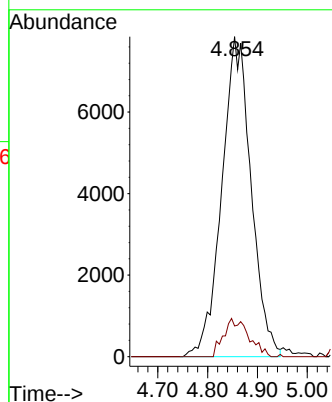
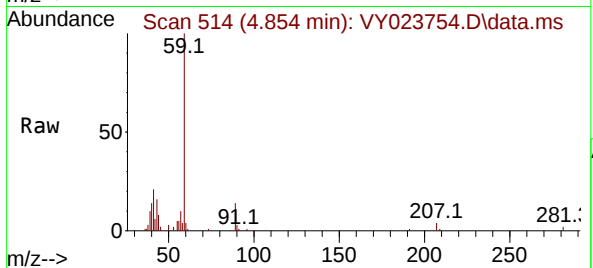




#11
Tert butyl alcohol
Concen: 106.733 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

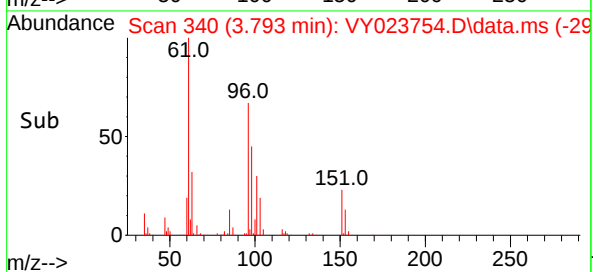
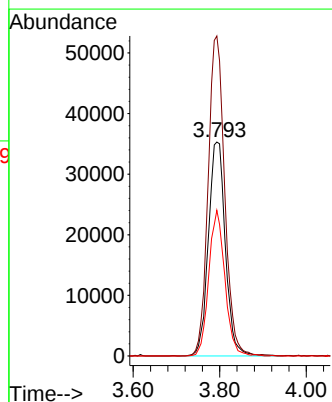
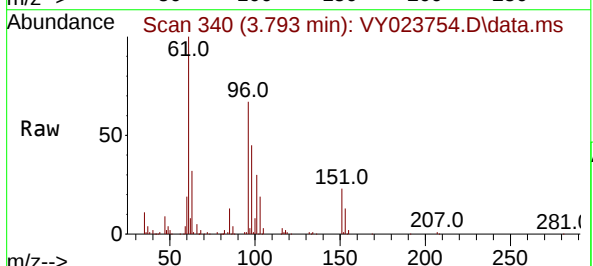
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

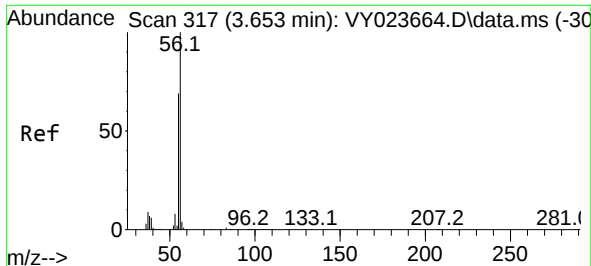
Tgt Ion: 59 Resp: 32054
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.2



#12
1,1-Dichloroethene
Concen: 19.743 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 96 Resp: 96315
Ion Ratio Lower Upper
96 100
61 149.6 114.0 171.0
98 68.0 50.2 75.2

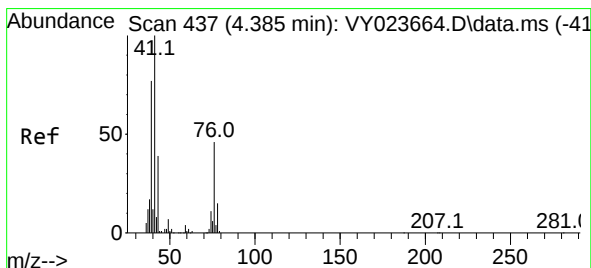
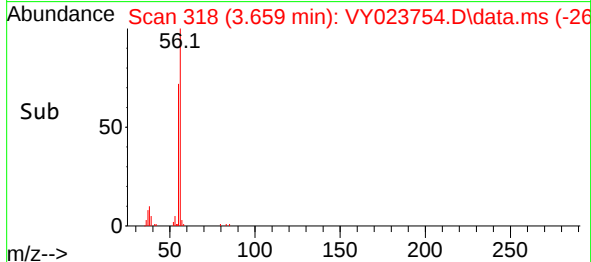
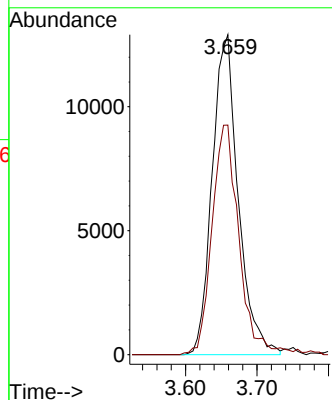
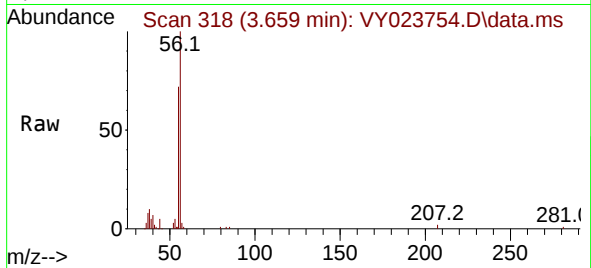




#13
Acrolein
Concen: 84.546 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

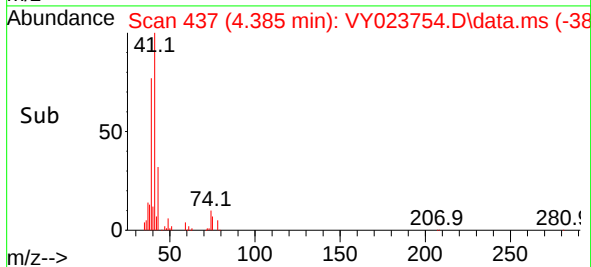
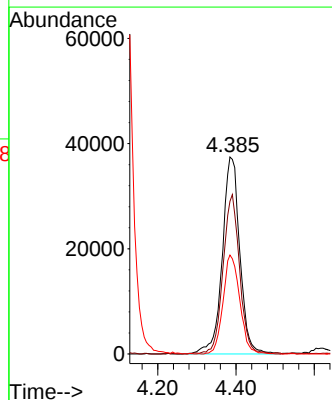
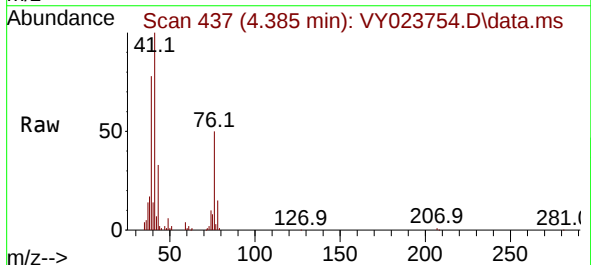
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

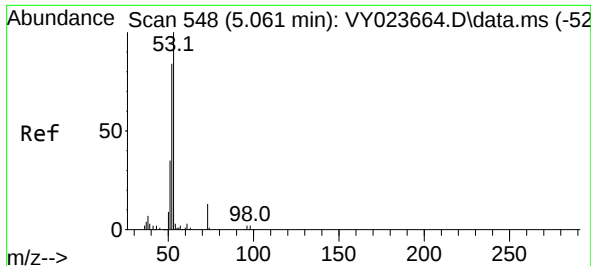
Tgt Ion: 56 Resp: 32635
Ion Ratio Lower Upper
56 100
55 74.6 56.6 84.8



#14
Allyl chloride
Concen: 19.662 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 41 Resp: 116750
Ion Ratio Lower Upper
41 100
39 76.4 60.4 90.6
76 47.7 38.0 57.0

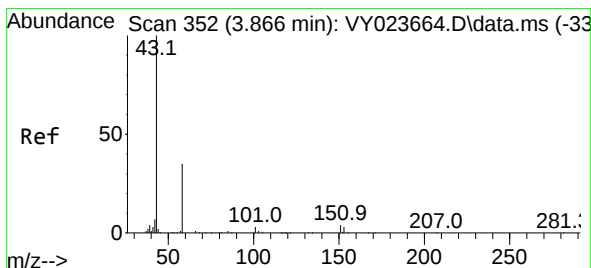
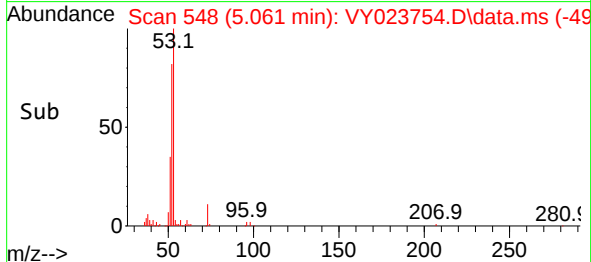
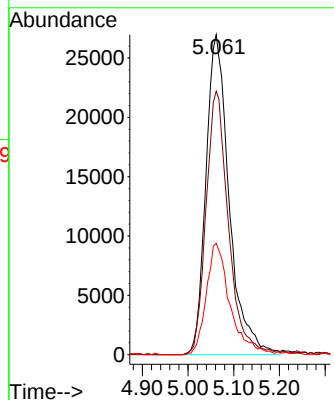
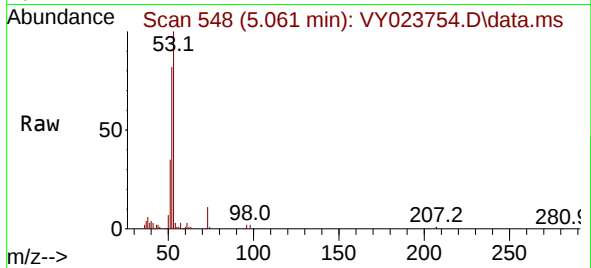




#15
Acrylonitrile
Concen: 101.091 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

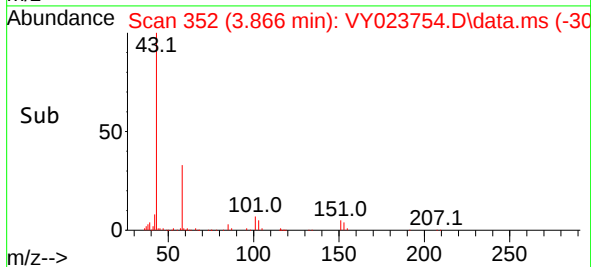
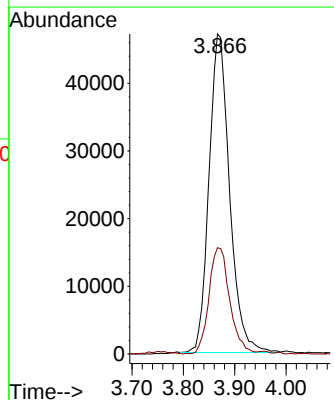
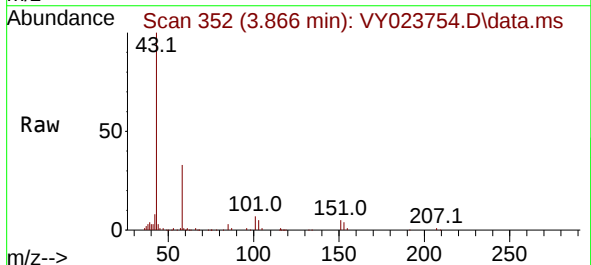
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

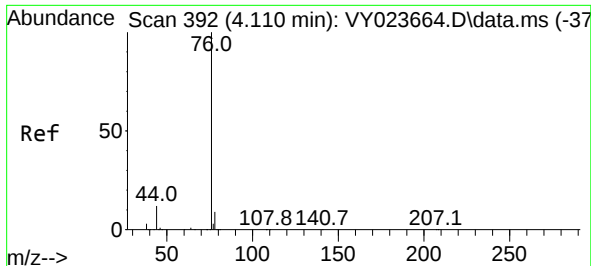
Tgt Ion:	53	Resp:	95226
Ion	Ratio	Lower	Upper
53	100		
52	79.8	64.9	97.3
51	35.5	29.4	44.0



#16
Acetone
Concen: 113.177 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:	43	Resp:	131027
Ion	Ratio	Lower	Upper
43	100		
58	33.2	28.2	42.4

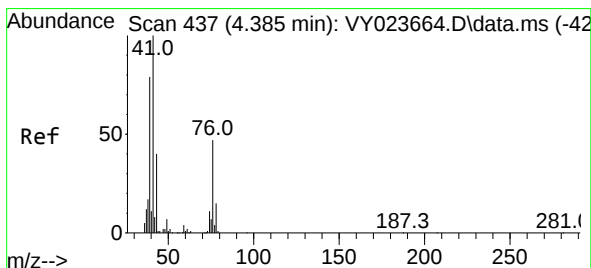
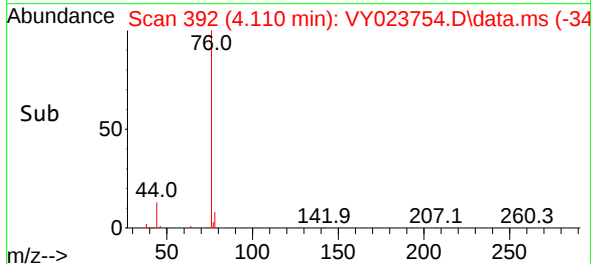
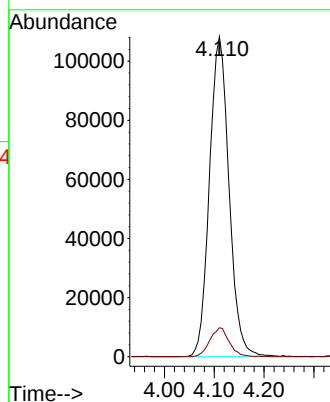
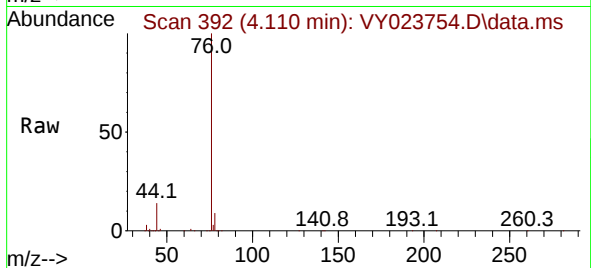




#17
Carbon Disulfide
Concen: 19.705 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

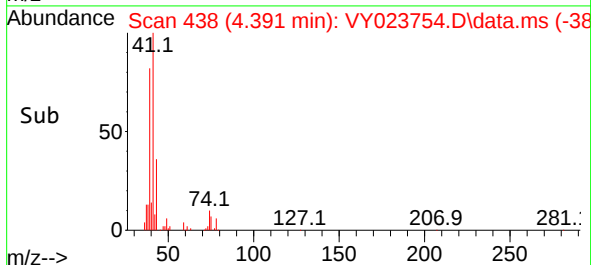
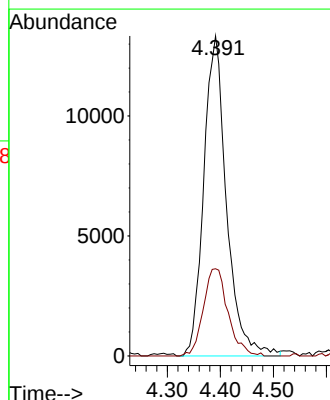
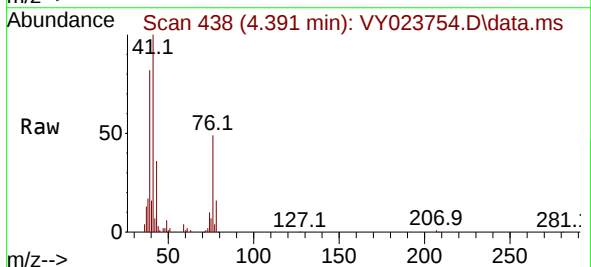
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tgt Ion: 76 Resp: 295046
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 15.586 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 43 Resp: 39801
Ion Ratio Lower Upper
43 100
74 29.5 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 19.715 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

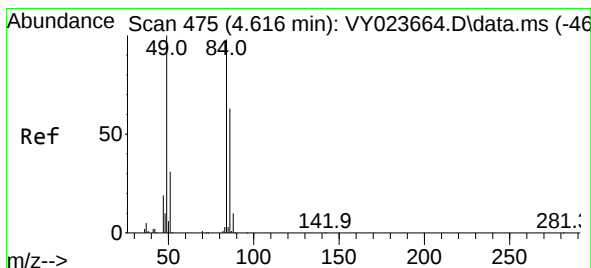
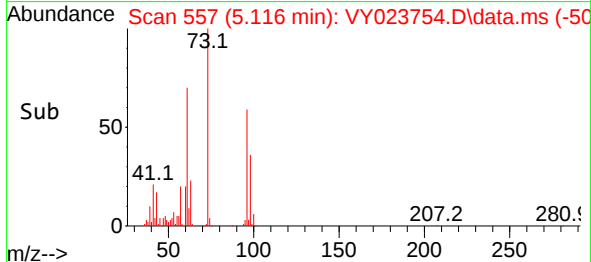
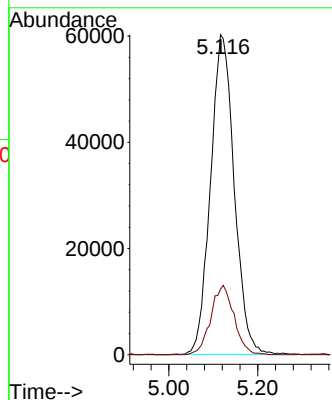
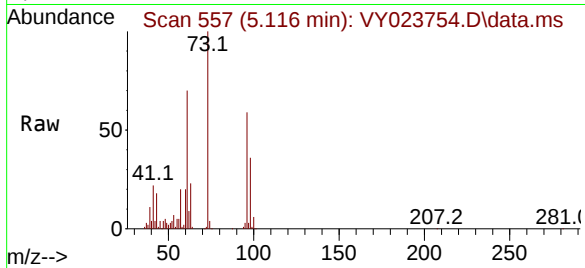
VY1112SBS01

Tgt Ion: 73 Resp: 223019

Ion Ratio Lower Upper

73 100

57 20.5 16.1 24.1



#20

Methylene Chloride

Concen: 20.165 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Tgt Ion: 84 Resp: 112698

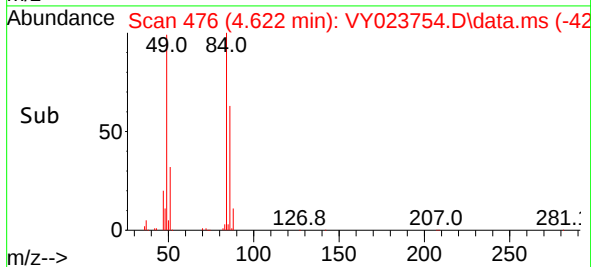
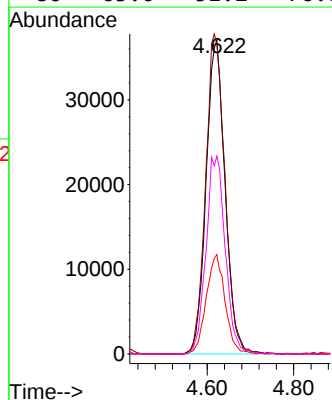
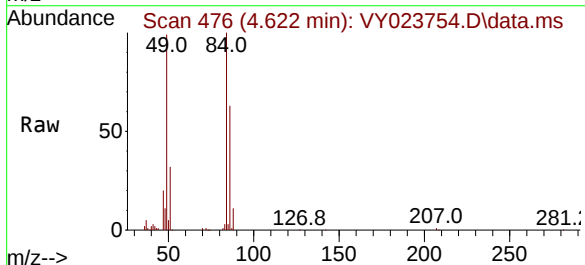
Ion Ratio Lower Upper

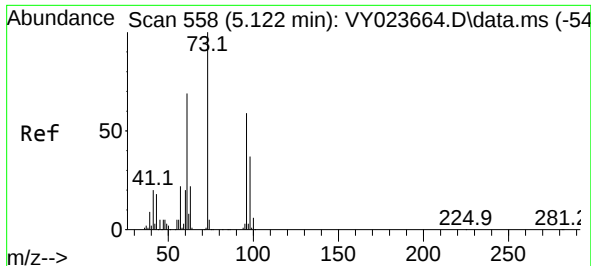
84 100

49 98.7 81.5 122.3

51 31.7 25.5 38.3

86 63.0 51.2 76.8

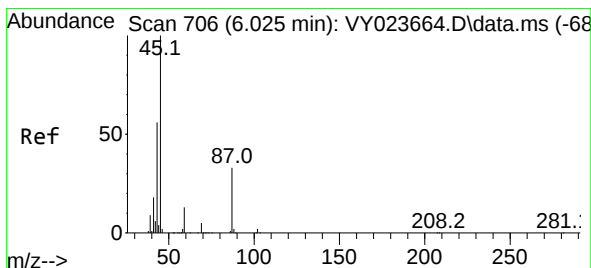
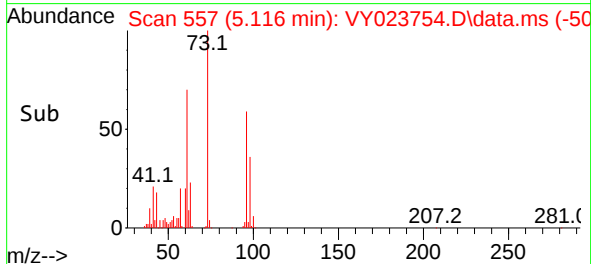
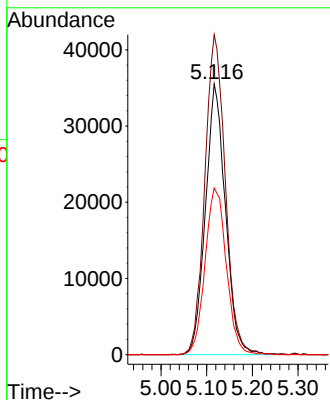
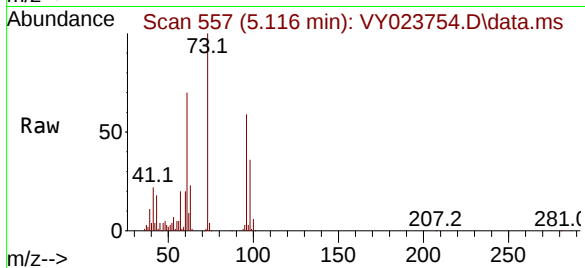




#21
trans-1,2-Dichloroethene
Concen: 19.668 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

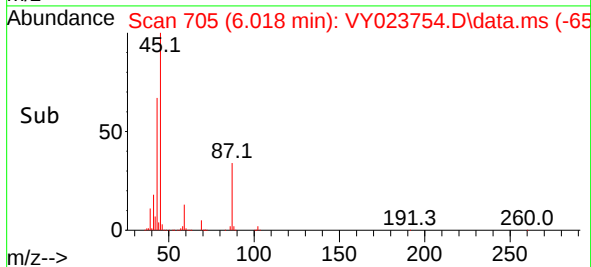
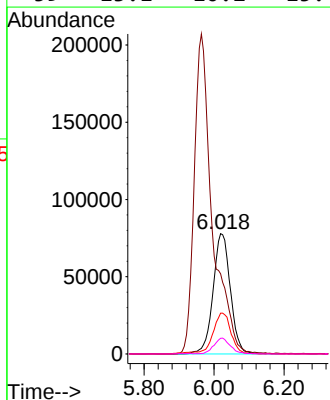
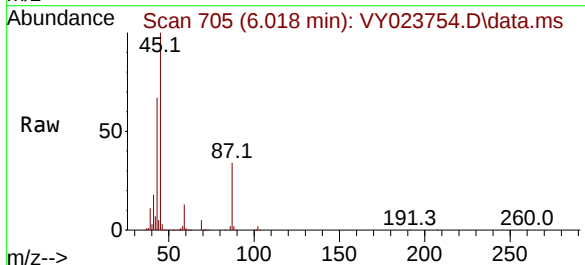
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

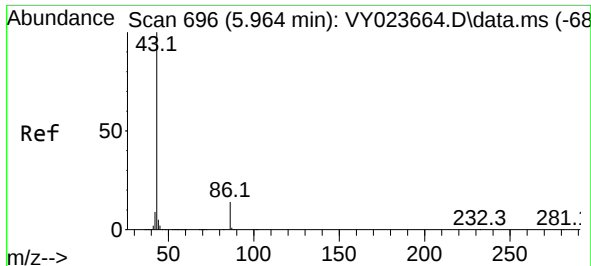
Tgt Ion: 96 Resp: 108183
Ion Ratio Lower Upper
96 100
61 118.2 93.3 139.9
98 61.6 50.6 75.8



#22
Diisopropyl ether
Concen: 20.260 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 45 Resp: 268058
Ion Ratio Lower Upper
45 100
43 66.4 44.7 67.1
87 34.0 27.2 40.8
59 13.1 10.2 15.4

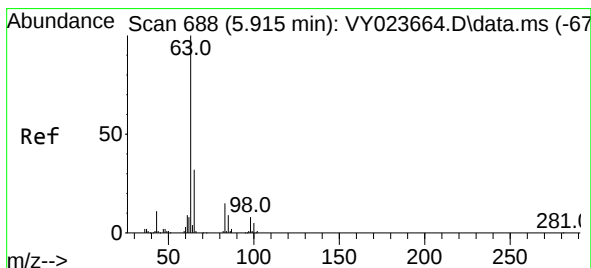
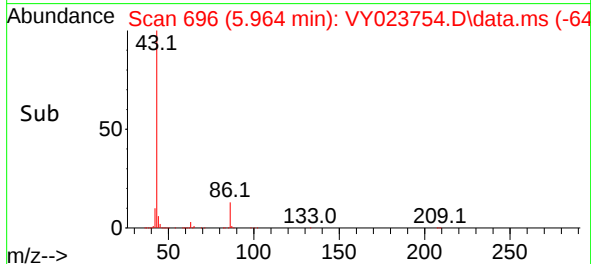
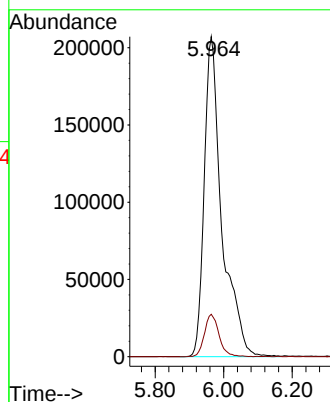
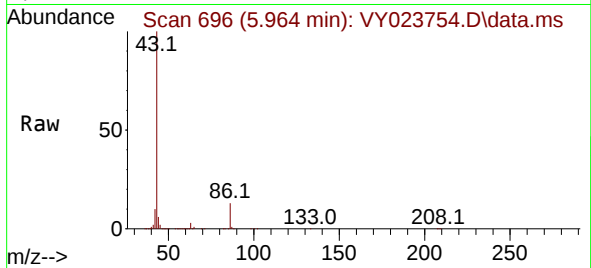




#23
 Vinyl Acetate
 Concen: 105.267 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023754.D
 Acq: 12 Nov 2025 11:04

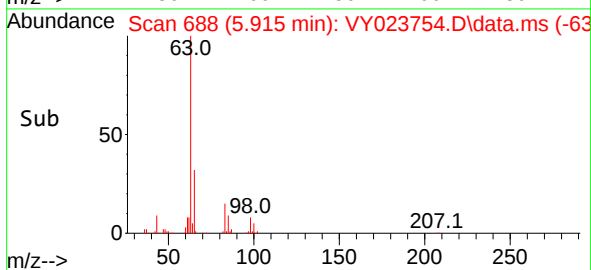
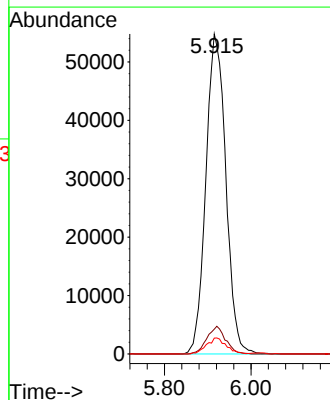
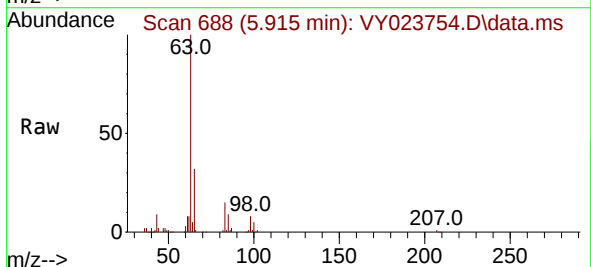
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

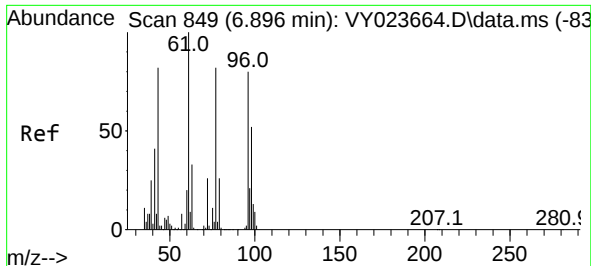
Tgt Ion: 43 Resp: 743253
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 19.888 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023754.D
 Acq: 12 Nov 2025 11:04

Tgt Ion: 63 Resp: 175299
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 4.9 2.6 7.8





#25

2-Butanone

Concen: 107.456 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

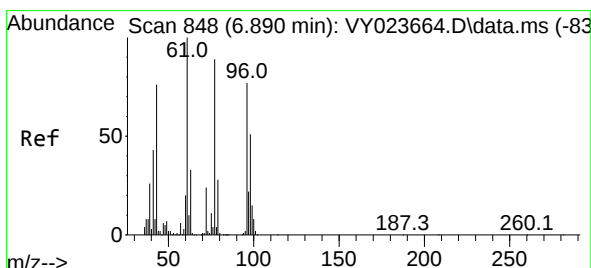
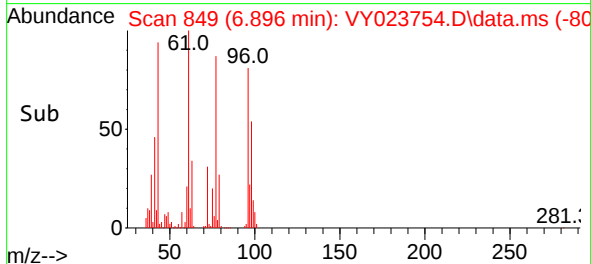
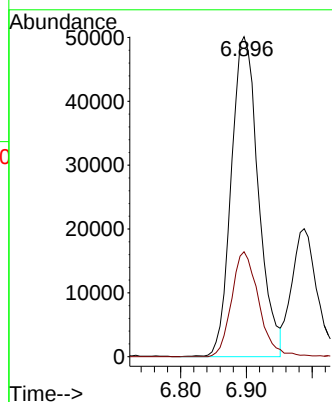
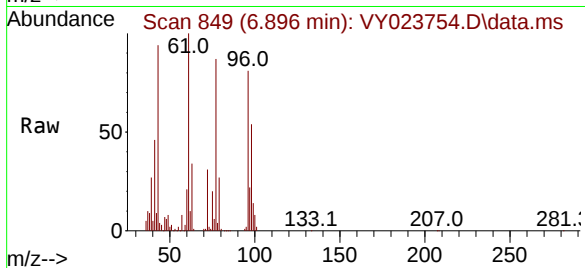
VY1112SBS01

Tgt Ion: 43 Resp: 143833

Ion Ratio Lower Upper

43 100

72 32.8 25.7 38.5



#26

2,2-Dichloropropane

Concen: 19.773 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023754.D

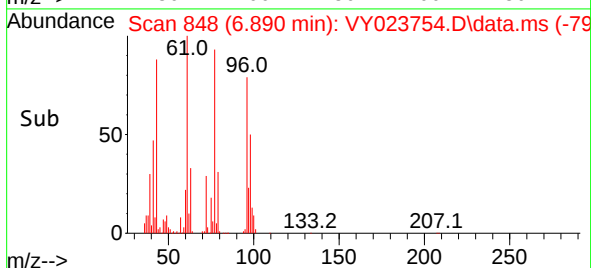
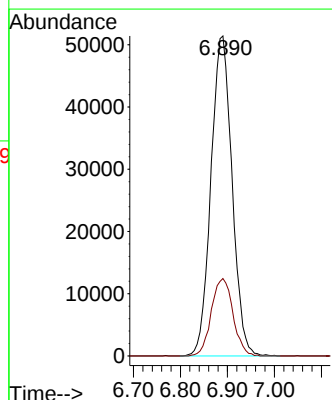
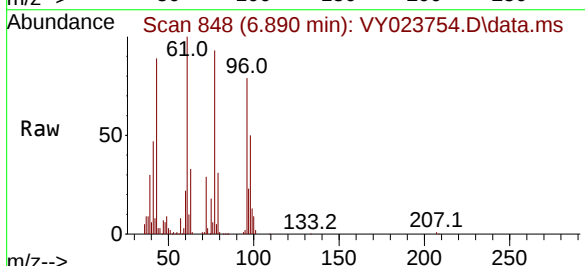
Acq: 12 Nov 2025 11:04

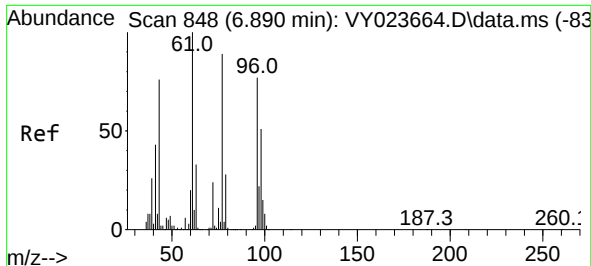
Tgt Ion: 77 Resp: 160319

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.595 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

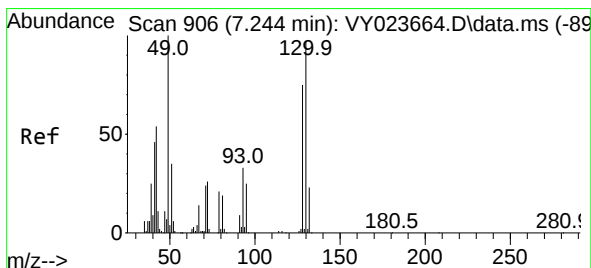
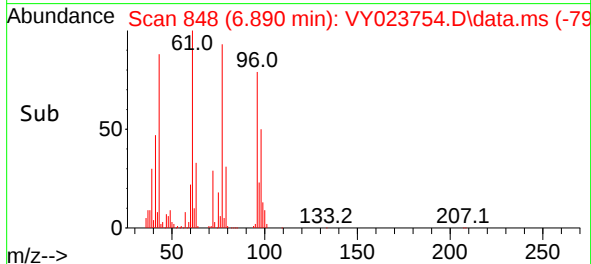
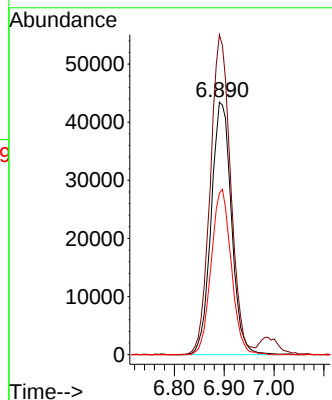
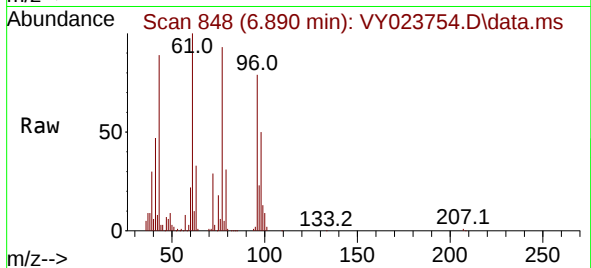
Tgt Ion: 96 Resp: 123095

Ion Ratio Lower Upper

96 100

61 127.3 0.0 255.0

98 64.5 0.0 129.8



#28

Bromochloromethane

Concen: 20.196 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

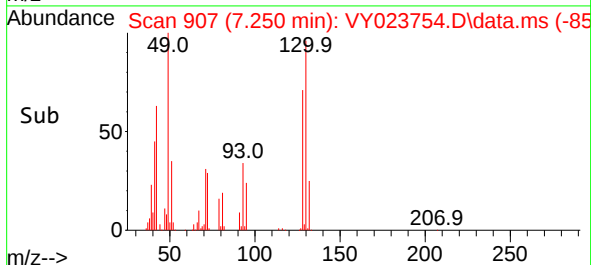
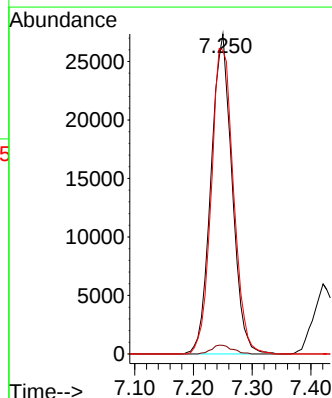
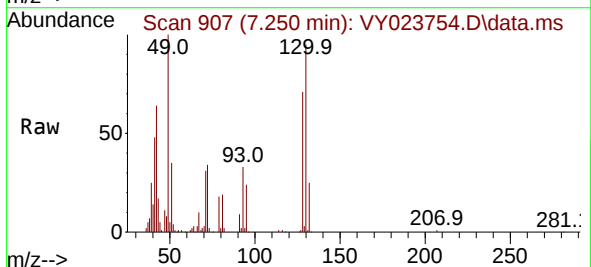
Tgt Ion: 49 Resp: 68160

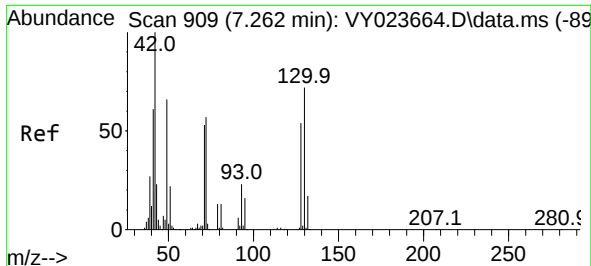
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 100.8 80.1 120.1





#29

Tetrahydrofuran

Concen: 99.258 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

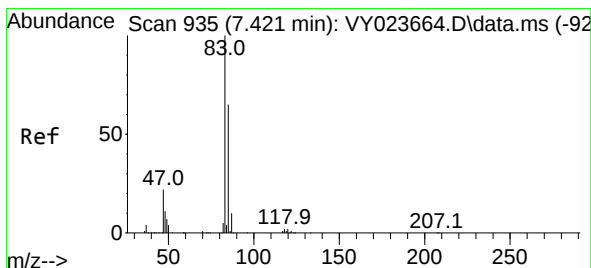
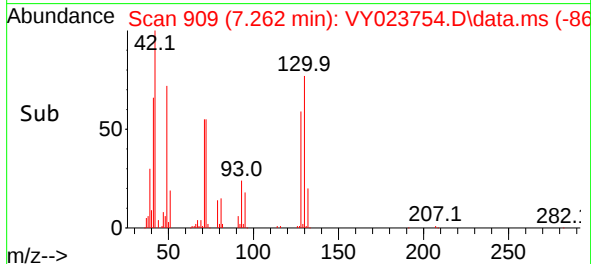
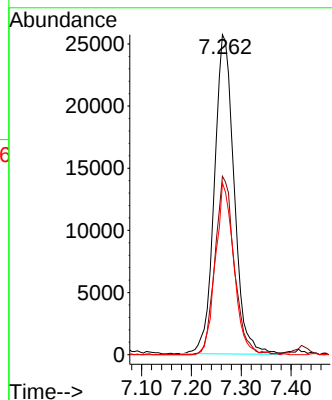
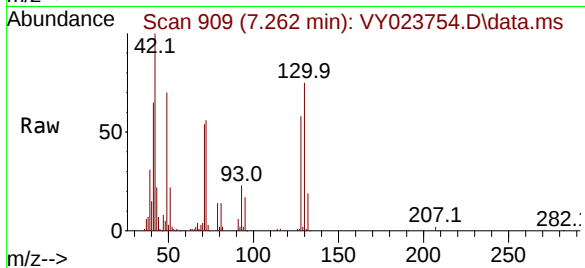
Tgt Ion: 42 Resp: 70757

Ion Ratio Lower Upper

42 100

72 54.1 43.4 65.2

71 50.5 40.7 61.1



#30

Chloroform

Concen: 19.591 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023754.D

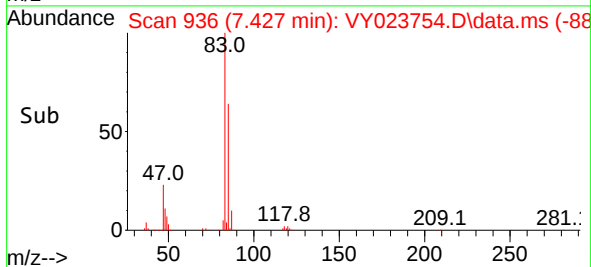
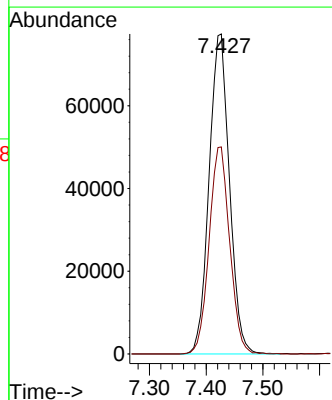
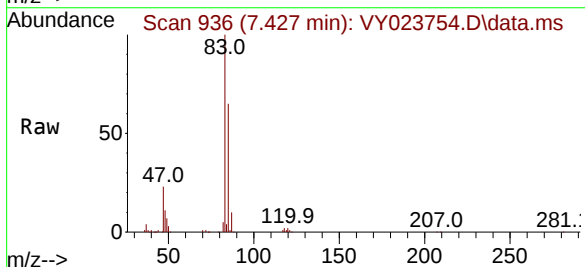
Acq: 12 Nov 2025 11:04

Tgt Ion: 83 Resp: 192666

Ion Ratio Lower Upper

83 100

85 64.7 52.1 78.1

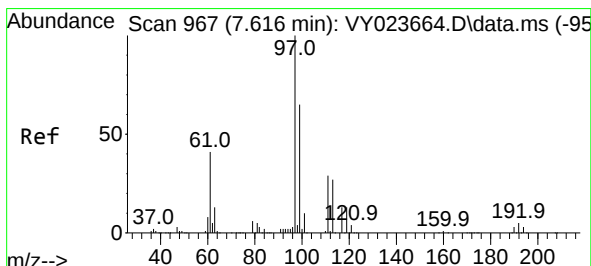
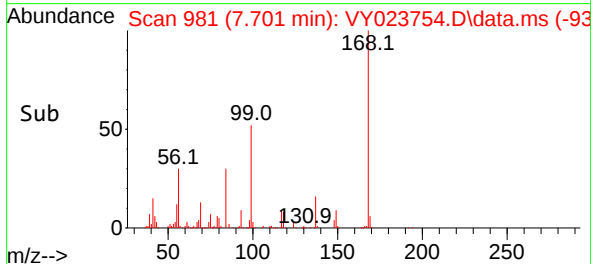
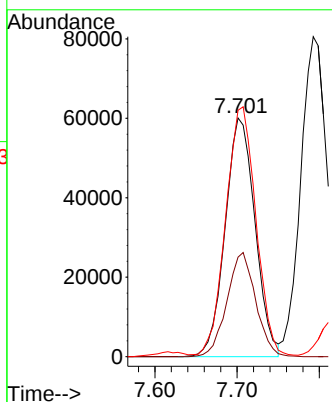
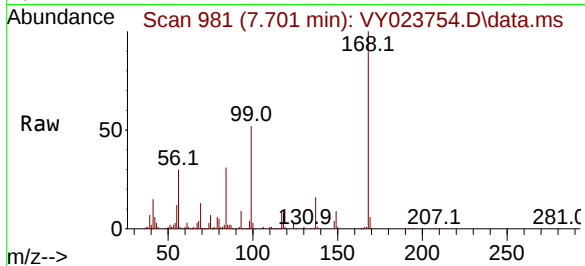




#31
Cyclohexane
Concen: 19.823 ug/l
RT: 7.701 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

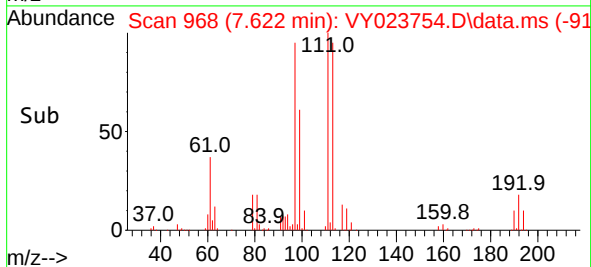
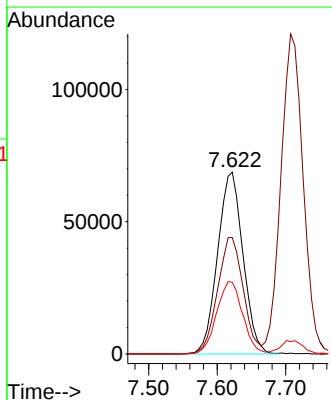
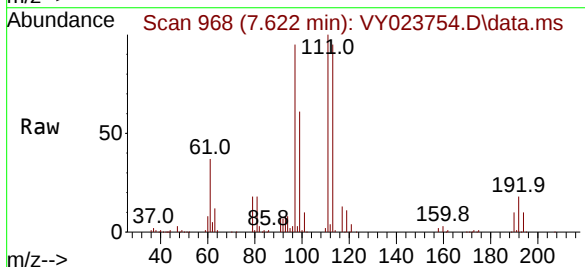
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

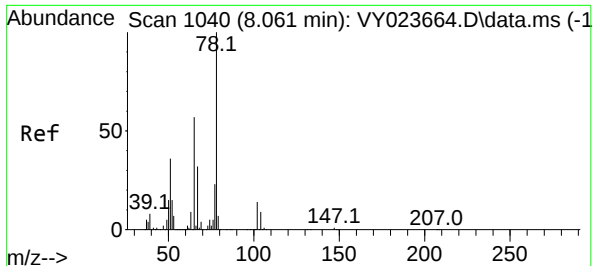
Tgt Ion: 56 Resp: 152164
Ion Ratio Lower Upper
56 100
69 41.7 30.5 45.7
84 101.4 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 20.125 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 97 Resp: 176895
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 40.7 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 49.416 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

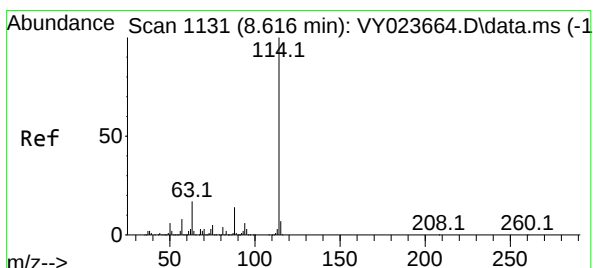
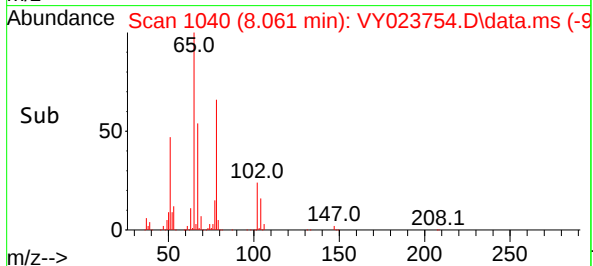
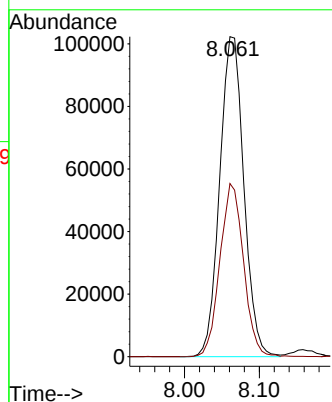
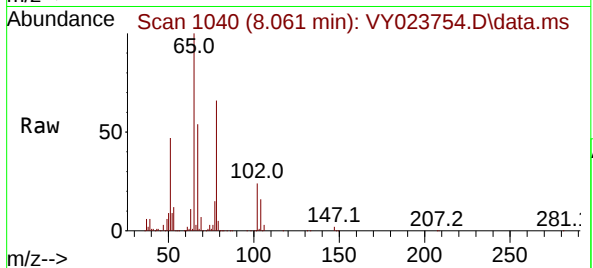
VY1112SBS01

Tgt Ion: 65 Resp: 230153

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

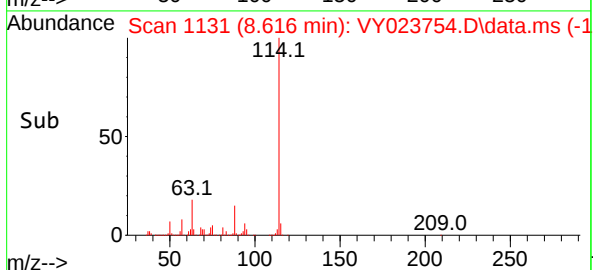
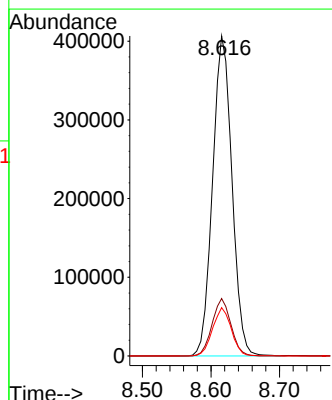
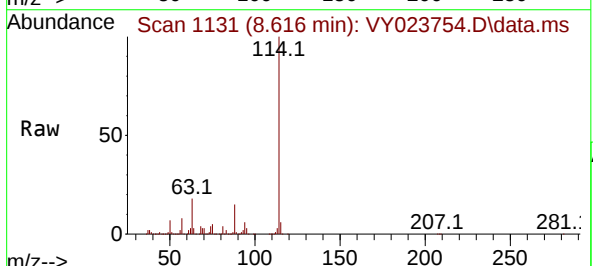
Tgt Ion:114 Resp: 796865

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 15.1 0.0 29.0

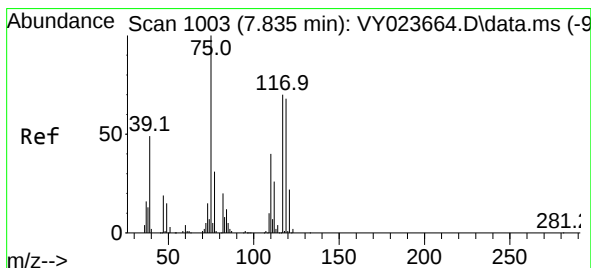
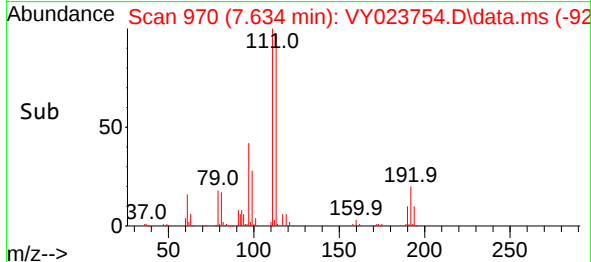
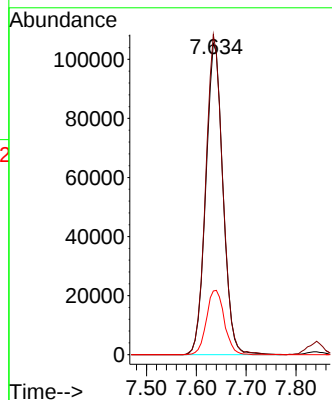
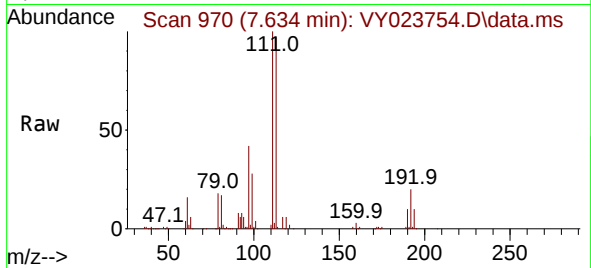




#35
Dibromofluoromethane
Concen: 50.560 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

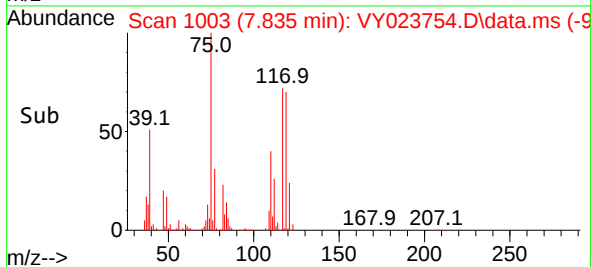
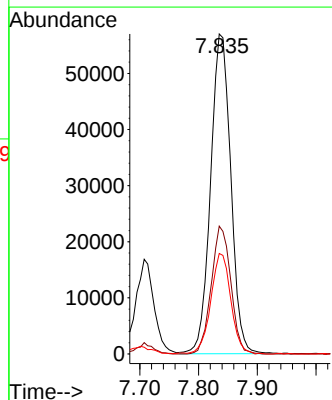
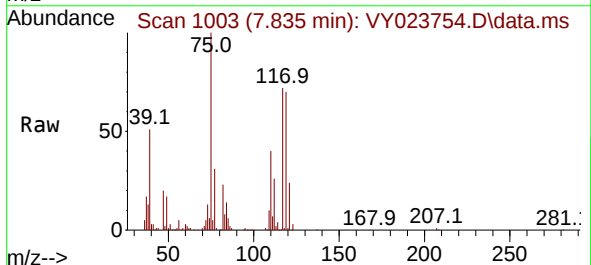
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tgt Ion:113 Resp: 251781
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.5 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.454 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 75 Resp: 136108
Ion Ratio Lower Upper
75 100
110 38.6 19.7 59.0
77 31.3 25.2 37.8





#37

Ethyl Acetate

Concen: 21.394 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

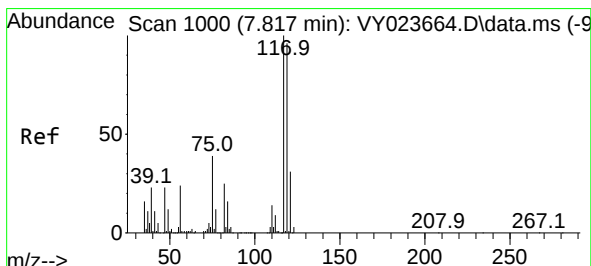
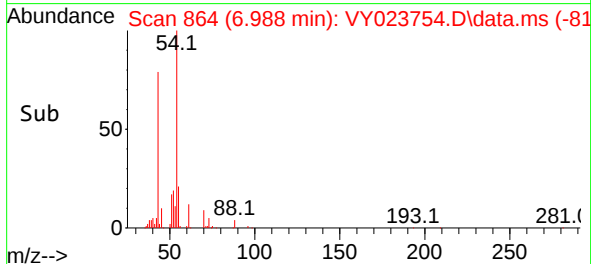
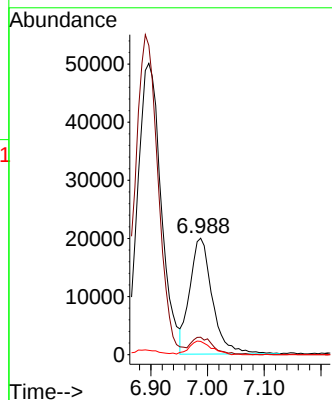
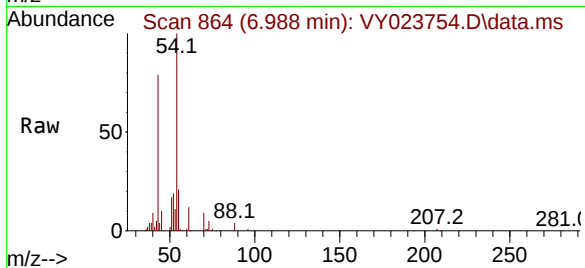
Tgt Ion: 43 Resp: 55113

Ion Ratio Lower Upper

43 100

61 13.3 12.4 18.6

70 11.5 9.8 14.8



#38

Carbon Tetrachloride

Concen: 20.432 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

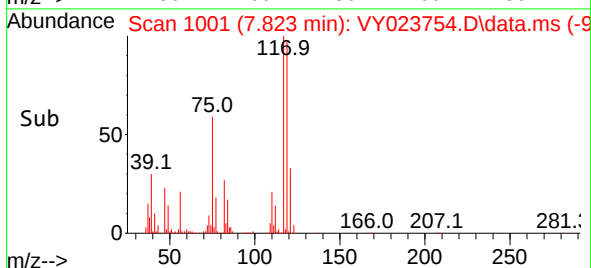
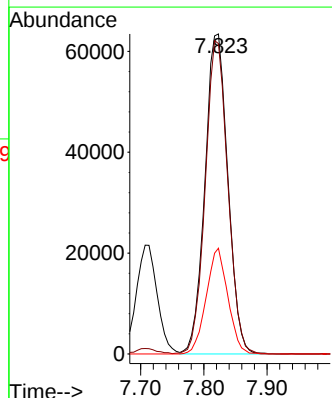
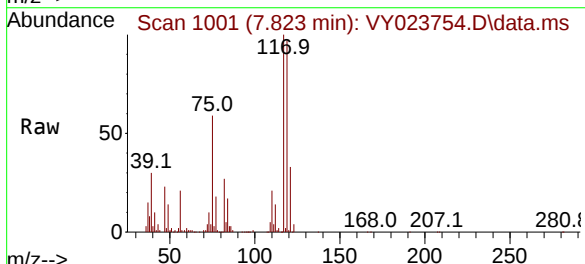
Tgt Ion: 117 Resp: 160196

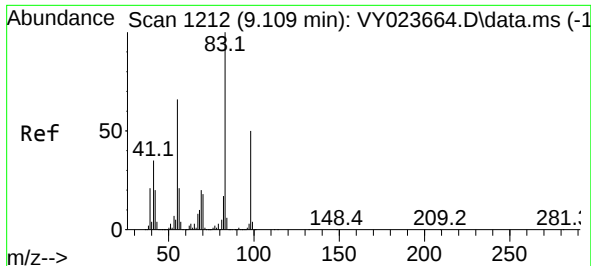
Ion Ratio Lower Upper

117 100

119 97.0 76.3 114.5

121 33.0 24.8 37.2





#39

Methylcyclohexane

Concen: 20.032 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

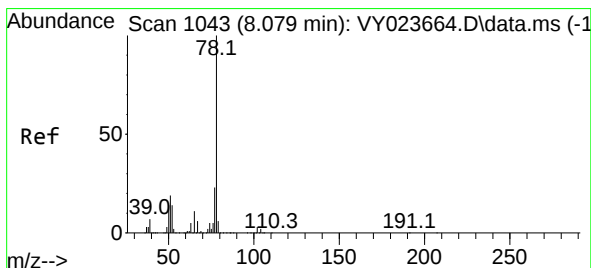
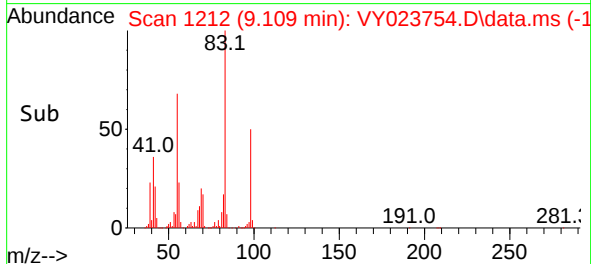
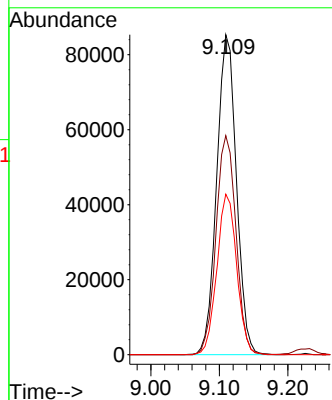
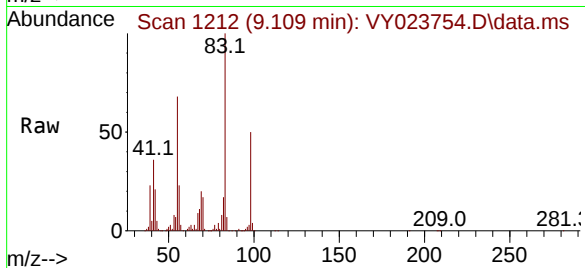
Tgt Ion: 83 Resp: 170328

Ion Ratio Lower Upper

83 100

55 68.5 52.6 78.8

98 50.1 39.7 59.5



#40

Benzene

Concen: 20.136 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023754.D

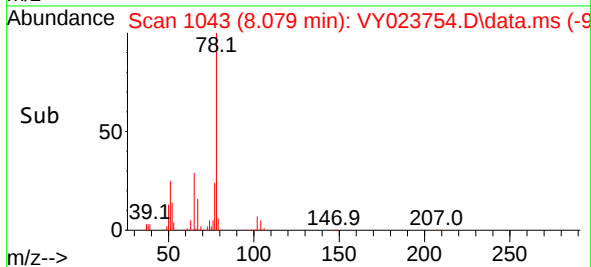
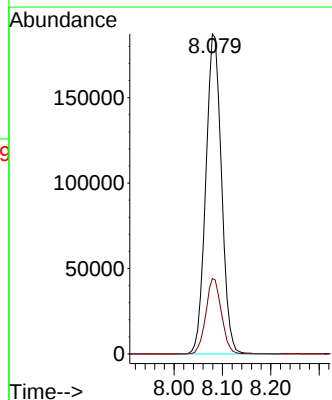
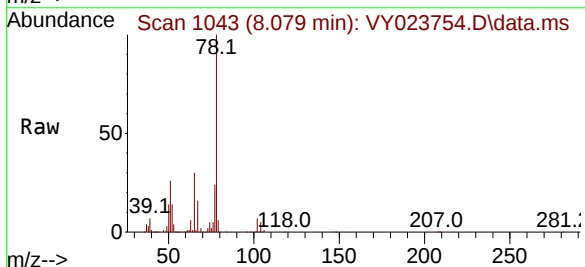
Acq: 12 Nov 2025 11:04

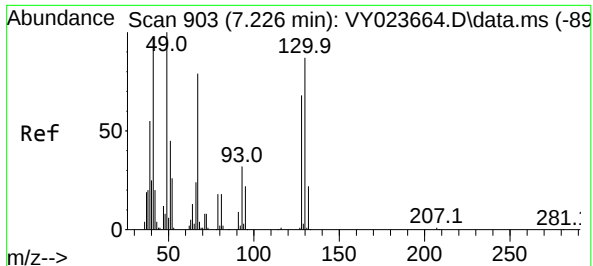
Tgt Ion: 78 Resp: 422366

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2



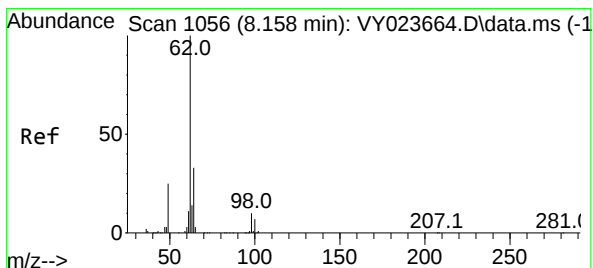
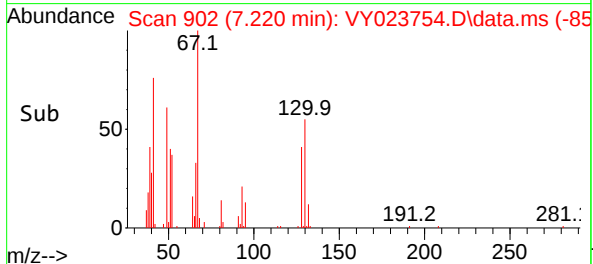
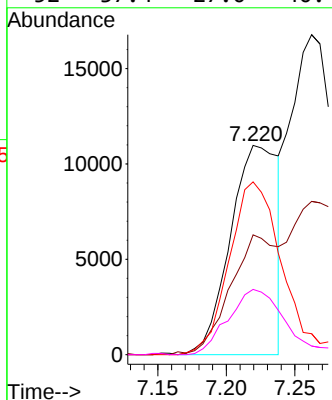
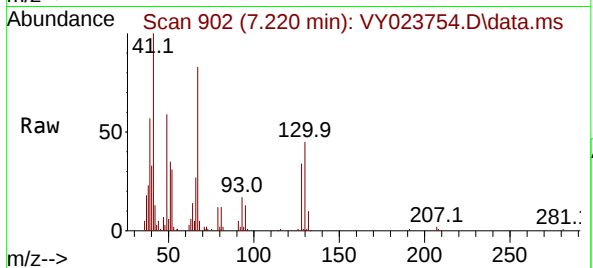


#41
Methacrylonitrile
Concen: 18.837 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tgt Ion: 41 Resp: 26488

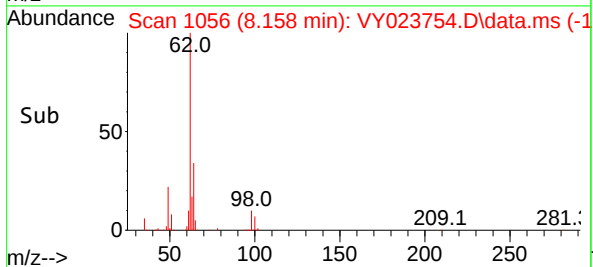
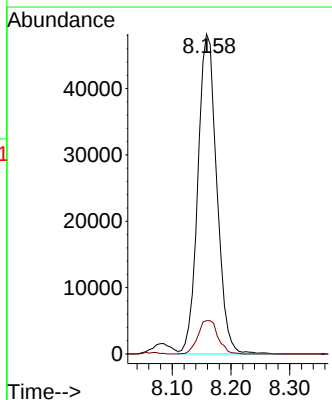
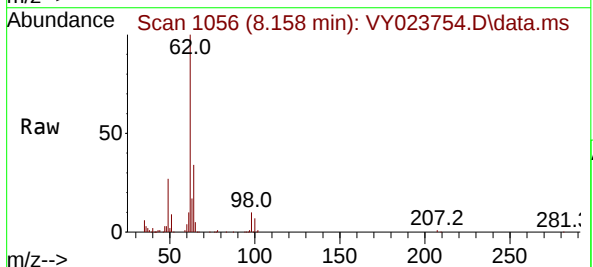
Ion	Ratio	Lower	Upper
41	100		
39	56.3	38.6	57.8
67	93.0	71.3	106.9
52	37.4	27.0	40.4

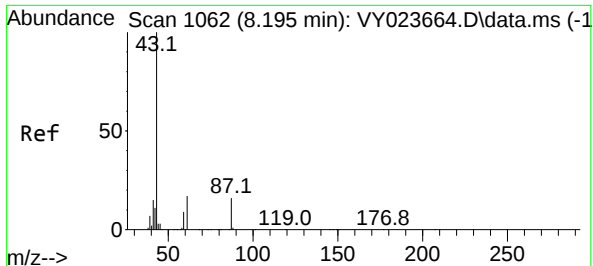


#42
1,2-Dichloroethane
Concen: 20.281 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 62 Resp: 107624

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0

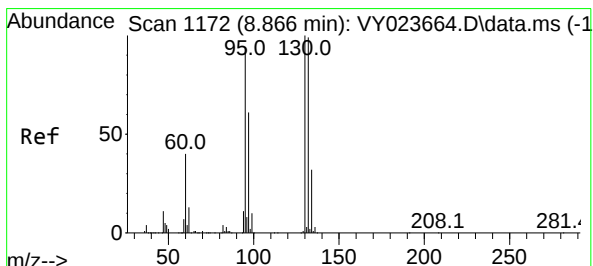
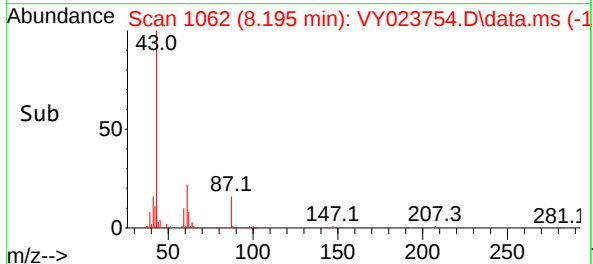
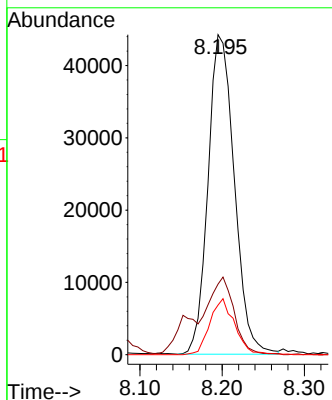
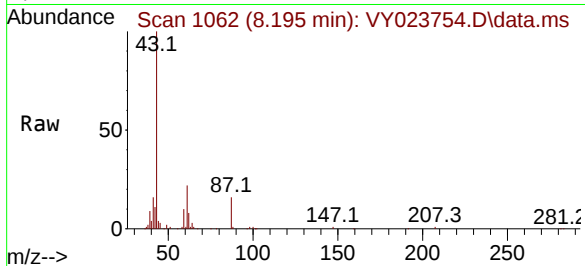




#43
Isopropyl Acetate
Concen: 20.297 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

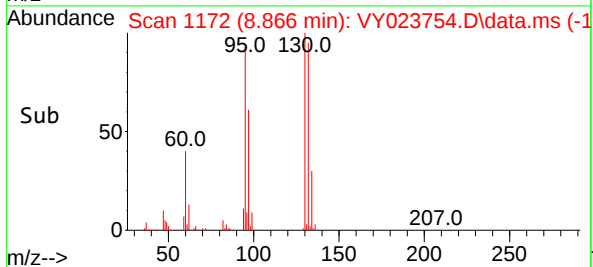
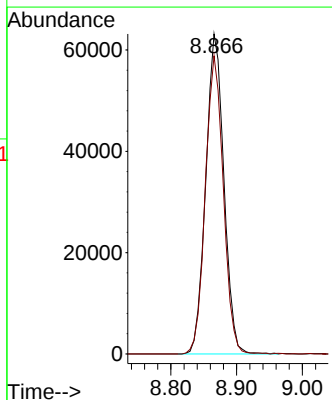
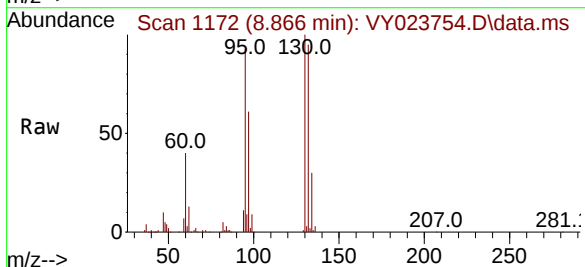
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

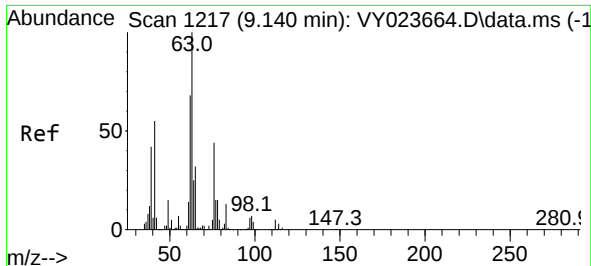
Tgt Ion: 43 Resp: 98243
Ion Ratio Lower Upper
43 100
61 24.2 18.2 27.2
87 16.6 13.3 19.9



#44
Trichloroethene
Concen: 20.140 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:130 Resp: 121333
Ion Ratio Lower Upper
130 100
95 93.1 0.0 187.0





#45

1,2-Dichloropropane

Concen: 19.744 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

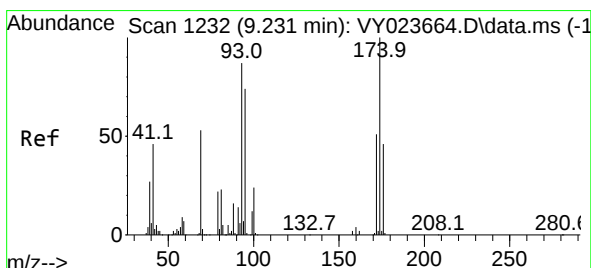
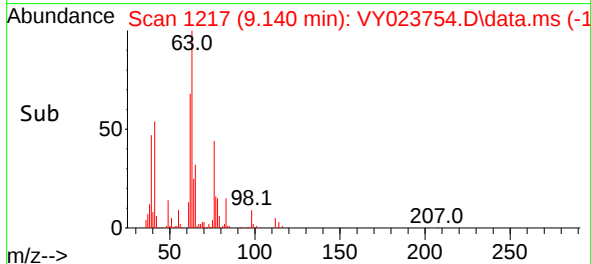
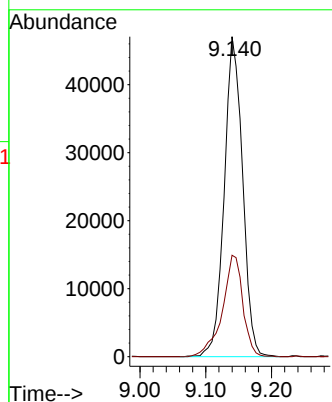
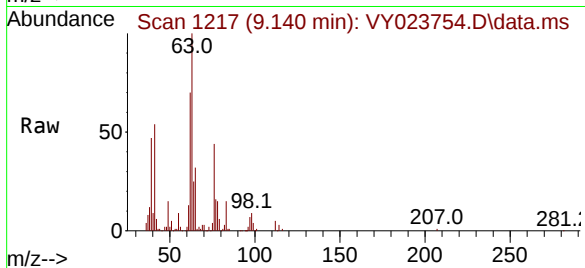
VY1112SBS01

Tgt Ion: 63 Resp: 91399

Ion Ratio Lower Upper

63 100

65 31.7 25.6 38.4



#46

Dibromomethane

Concen: 19.779 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

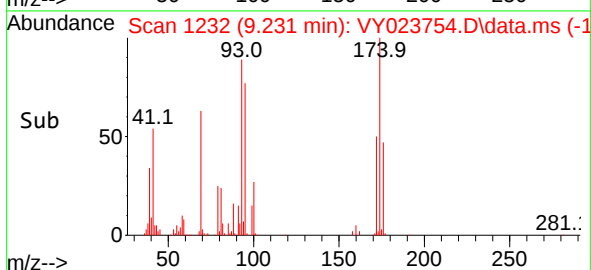
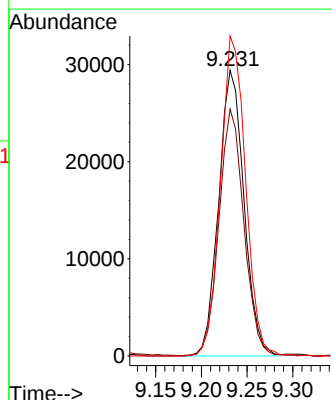
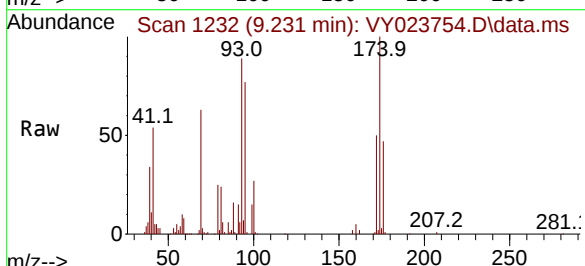
Tgt Ion: 93 Resp: 56733

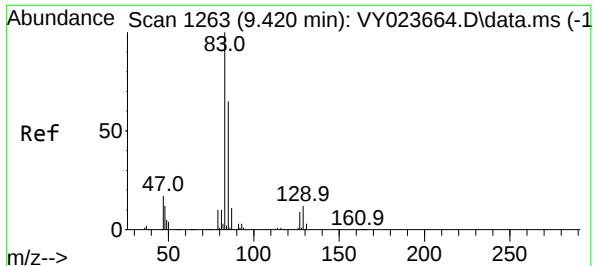
Ion Ratio Lower Upper

93 100

95 85.1 67.4 101.2

174 111.0 89.4 134.0

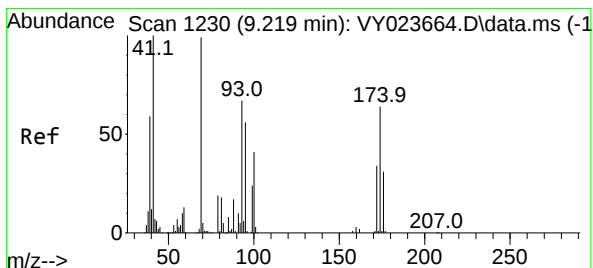
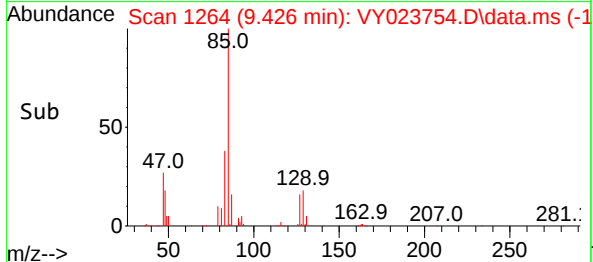
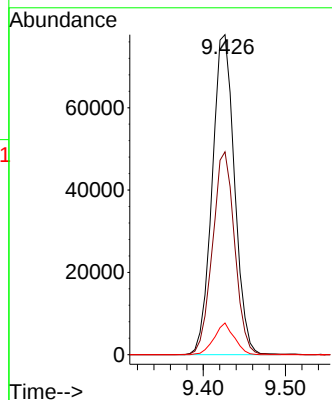
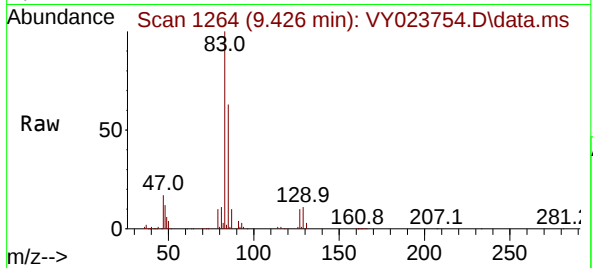




#47
Bromodichloromethane
Concen: 20.256 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

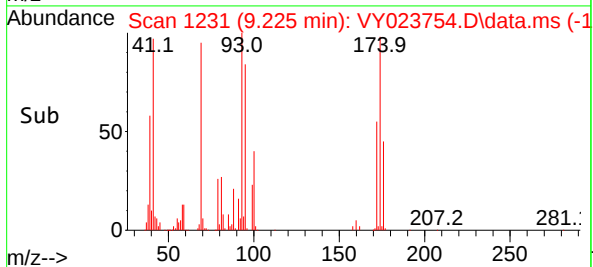
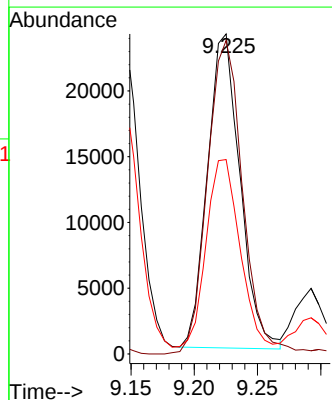
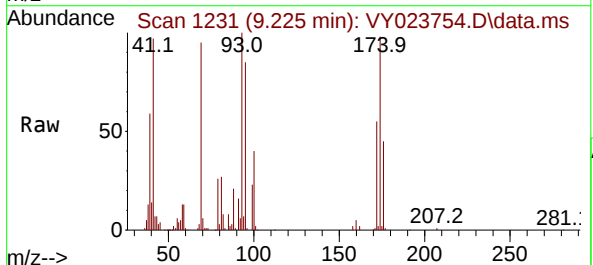
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

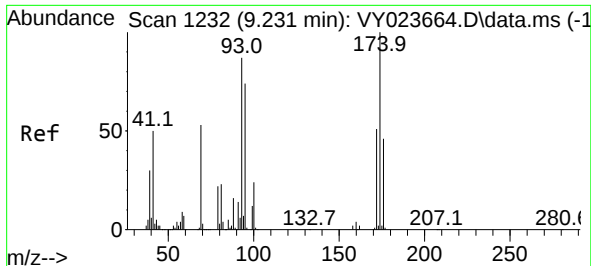
Tgt Ion: 83 Resp: 146486
Ion Ratio Lower Upper
83 100
85 63.3 52.1 78.1
127 9.9 7.5 11.3



#48
Methyl methacrylate
Concen: 18.774 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 41 Resp: 42932
Ion Ratio Lower Upper
41 100
69 108.6 80.2 120.2
39 61.6 47.4 71.0

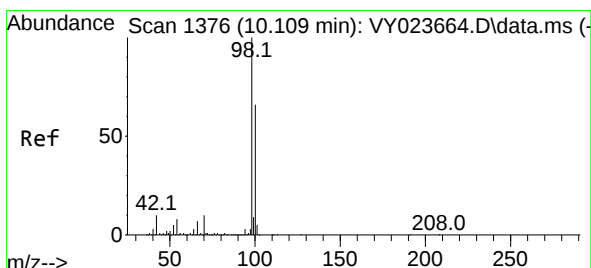
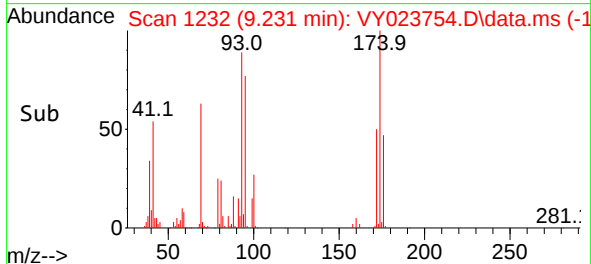
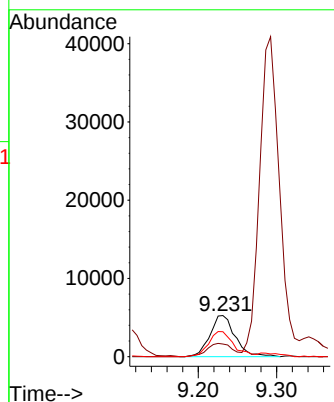
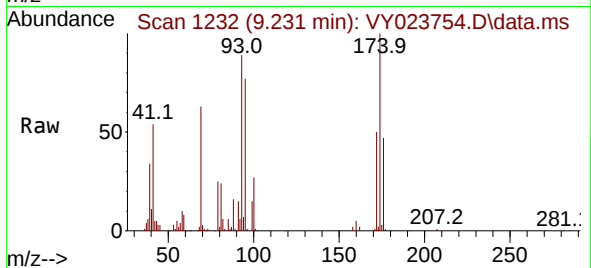




#49
1,4-Dioxane
Concen: 400.867 ug/l
RT: 9.231 min Scan# 11767
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

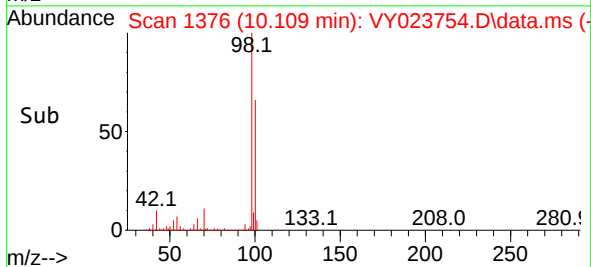
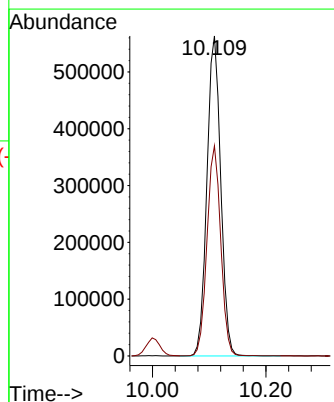
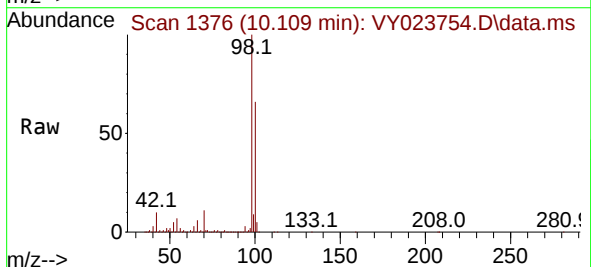
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

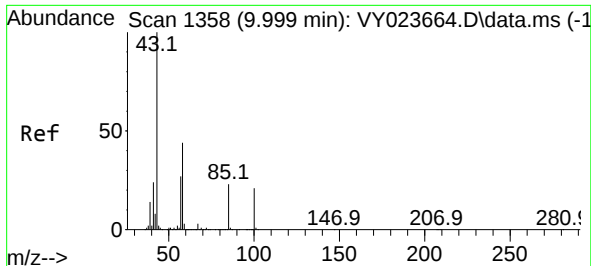
Tgt Ion: 88 Resp: 11767
Ion Ratio Lower Upper
88 100
43 33.1 22.0 33.0#
58 60.5 47.8 71.8



#50
Toluene-d8
Concen: 51.252 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 98 Resp: 950745
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 103.601 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

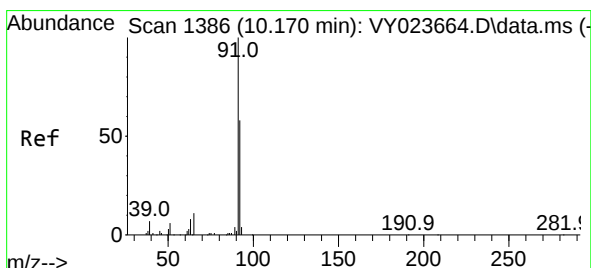
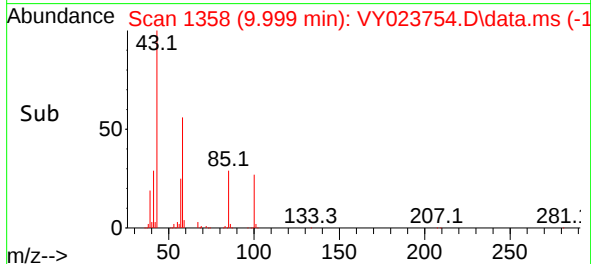
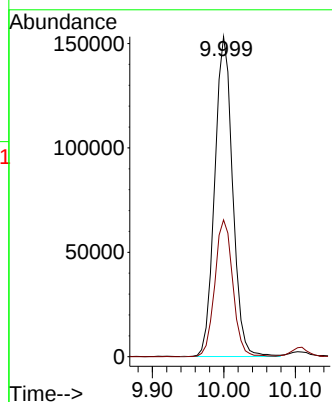
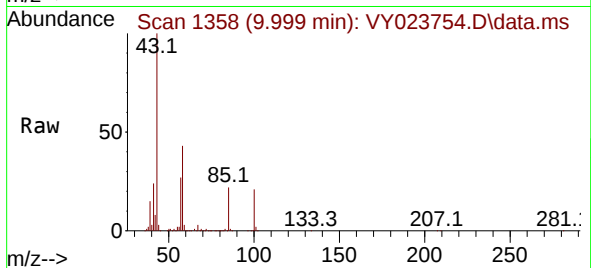
VY1112SBS01

Tgt Ion: 43 Resp: 266672

Ion Ratio Lower Upper

43 100

58 42.9 34.8 52.2



#52

Toluene

Concen: 20.601 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023754.D

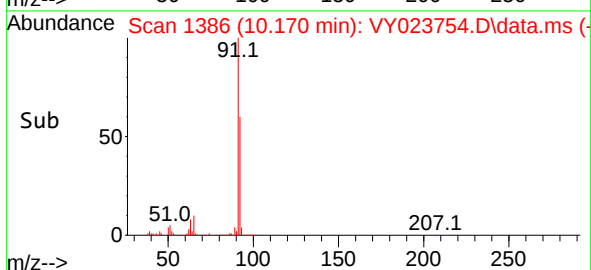
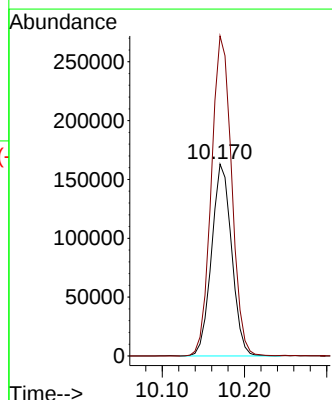
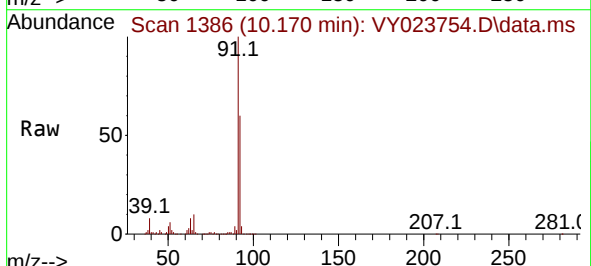
Acq: 12 Nov 2025 11:04

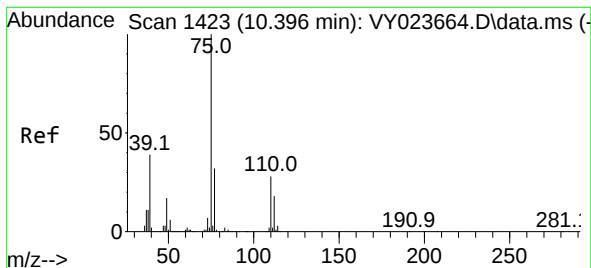
Tgt Ion: 92 Resp: 275871

Ion Ratio Lower Upper

92 100

91 168.8 137.8 206.8

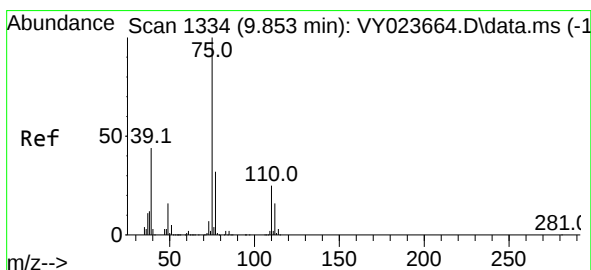
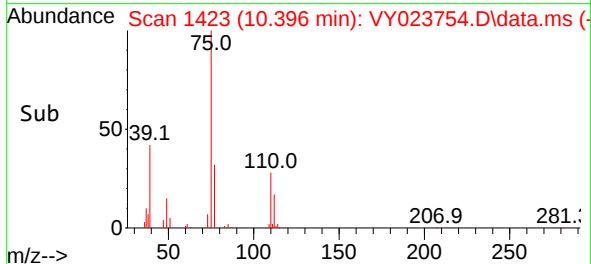
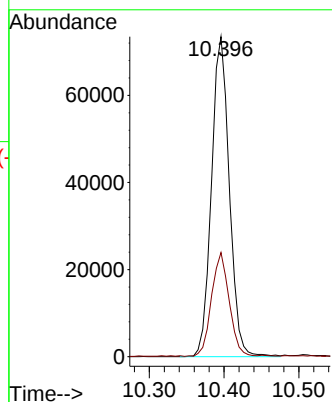
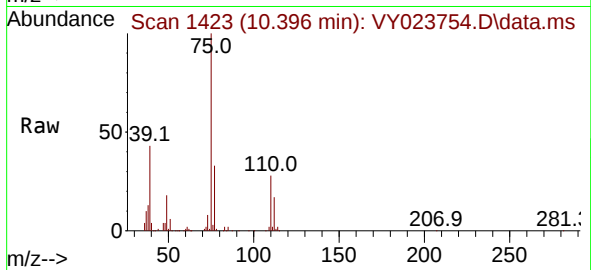




#53
t-1,3-Dichloropropene
Concen: 19.923 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

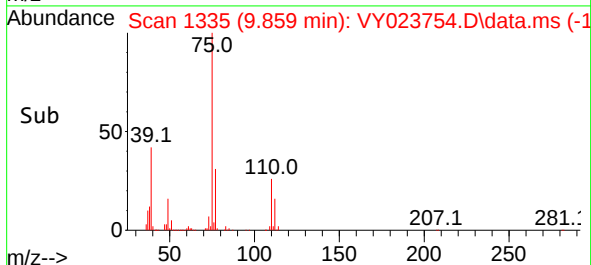
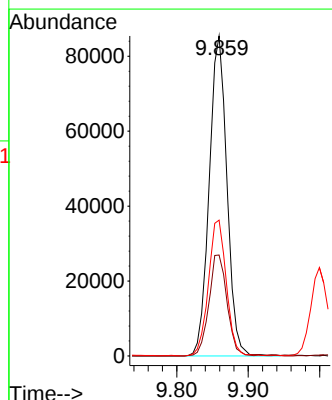
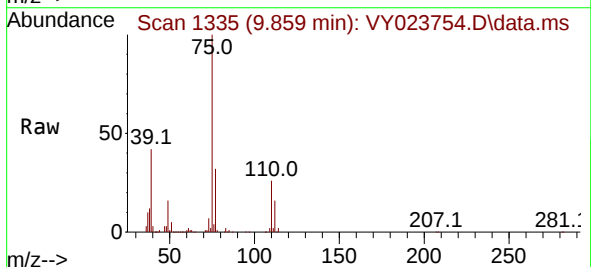
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

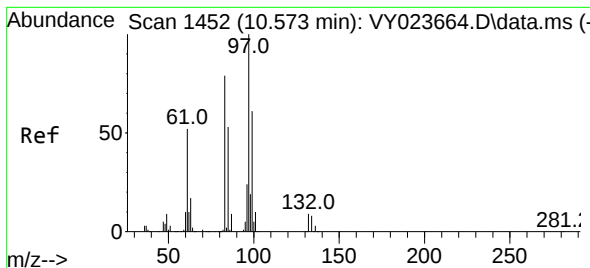
Tgt Ion: 75 Resp: 121908
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.047 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 75 Resp: 146970
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 42.4 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 19.796 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tgt Ion: 97 Resp: 75882

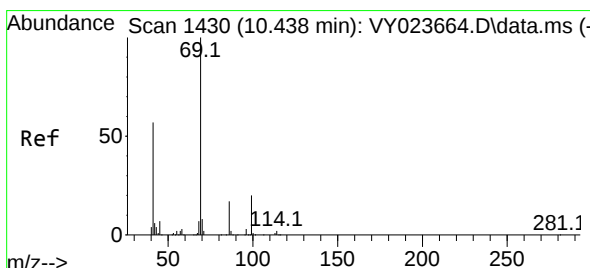
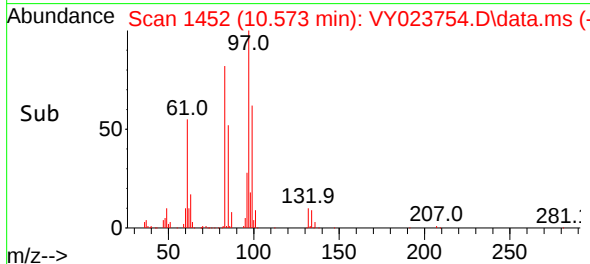
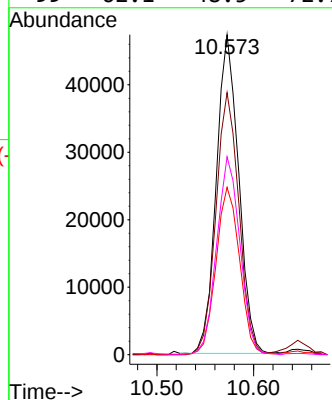
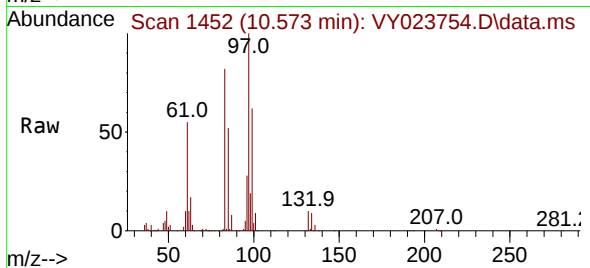
Ion Ratio Lower Upper

97 100

83 82.2 63.3 94.9

85 52.5 42.4 63.6

99 62.1 48.5 72.7



#56

Ethyl methacrylate

Concen: 20.203 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

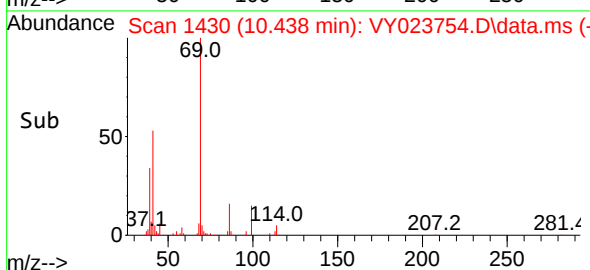
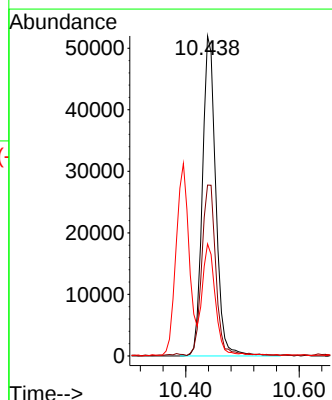
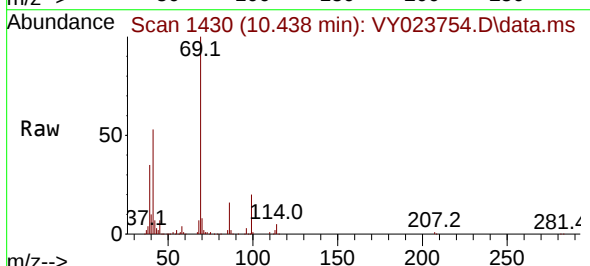
Tgt Ion: 69 Resp: 85323

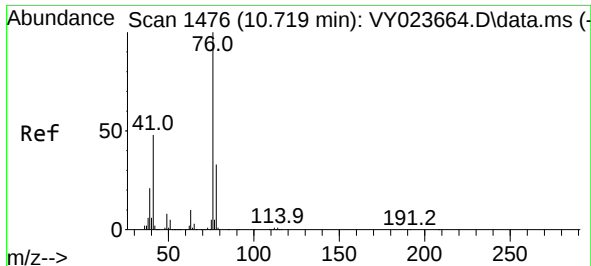
Ion Ratio Lower Upper

69 100

41 56.2 45.0 67.4

39 33.1 25.1 37.7





#57

1,3-Dichloropropane

Concen: 20.262 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

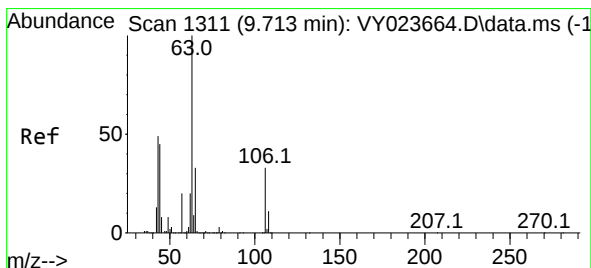
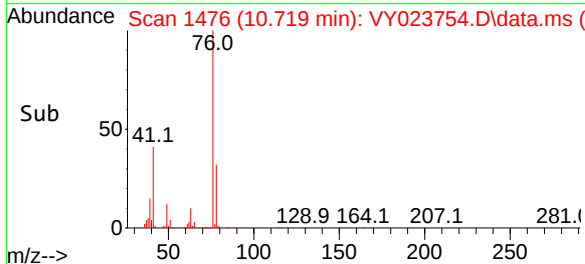
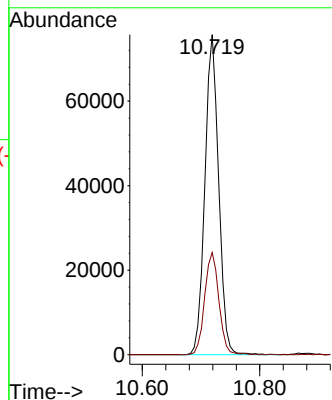
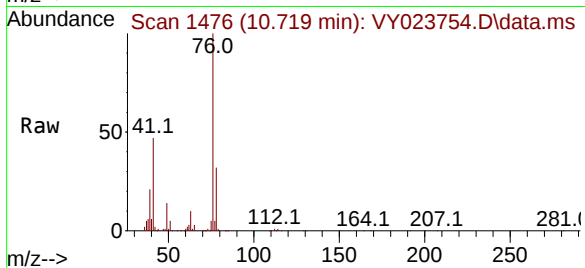
VY1112SBS01

Tgt Ion: 76 Resp: 123192

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 99.292 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023754.D

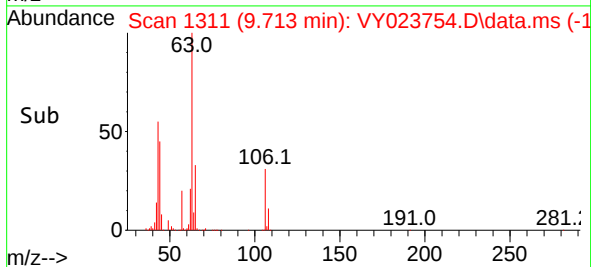
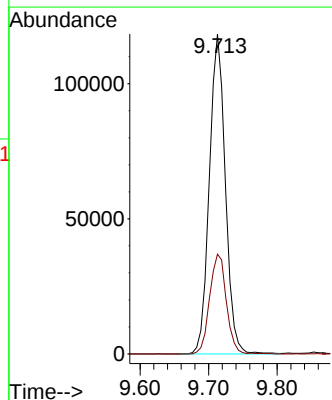
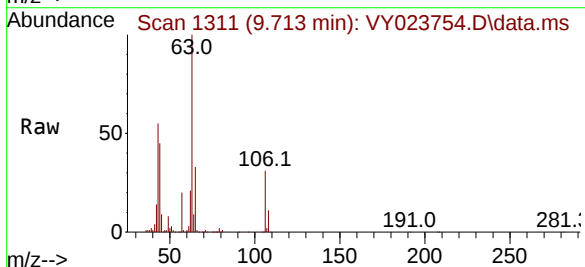
Acq: 12 Nov 2025 11:04

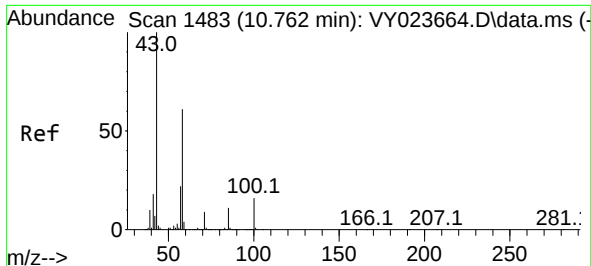
Tgt Ion: 63 Resp: 192429

Ion Ratio Lower Upper

63 100

106 32.5 26.2 39.2

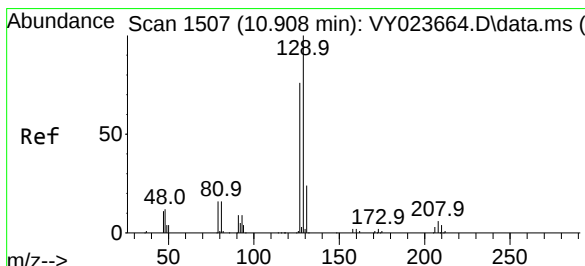
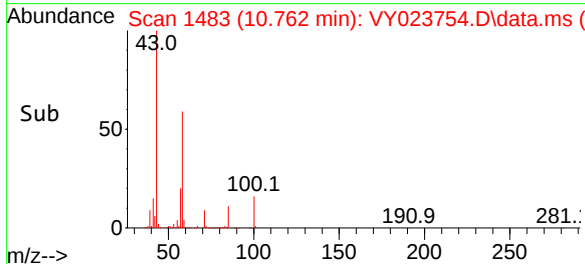
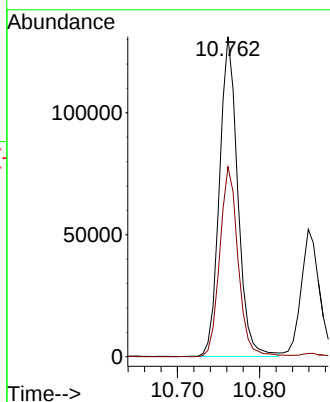
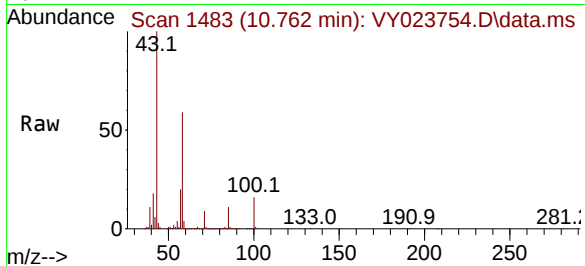




#59
2-Hexanone
Concen: 107.985 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

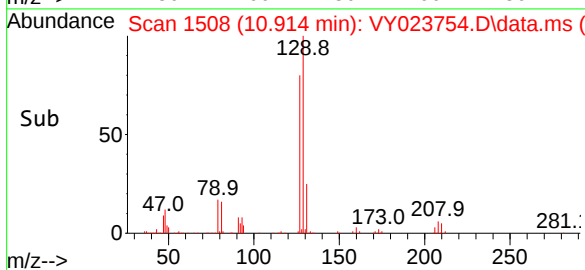
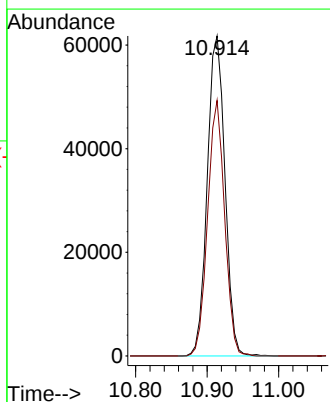
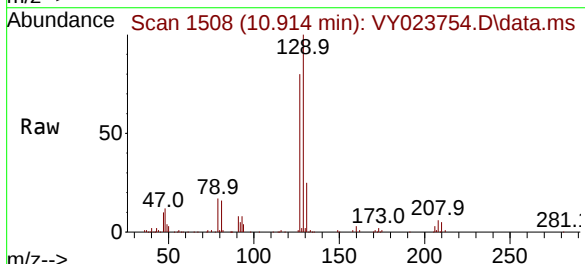
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

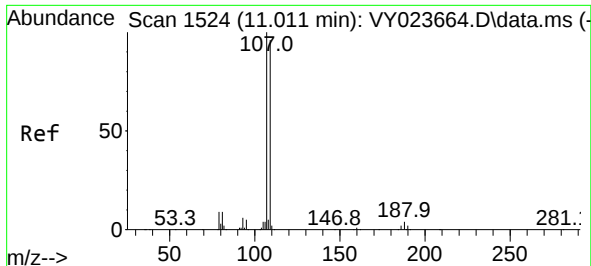
Tgt Ion: 43 Resp: 202789
Ion Ratio Lower Upper
43 100
58 59.5 30.2 90.6



#60
Dibromochloromethane
Concen: 20.122 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 129 Resp: 105980
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2

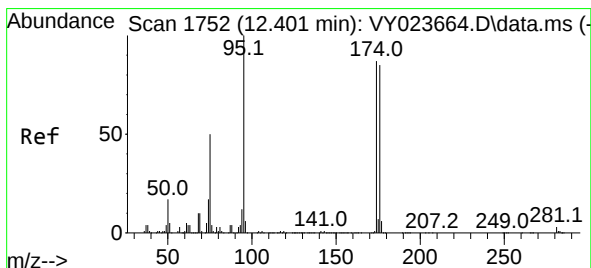
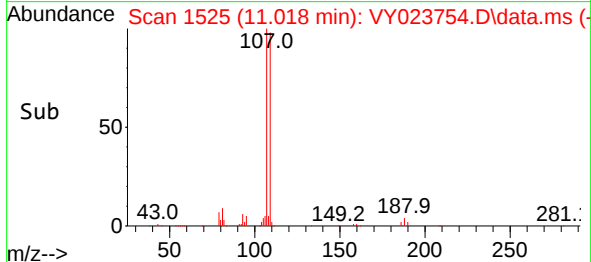
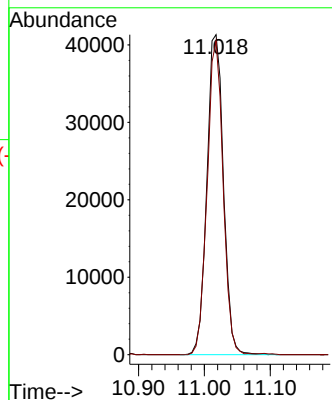
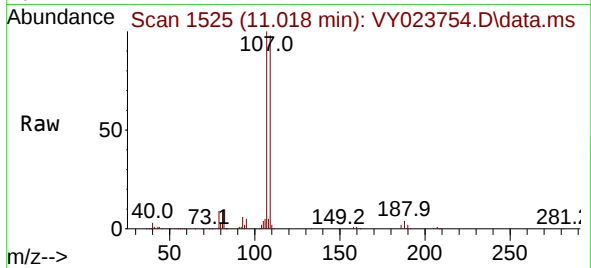




#61
1,2-Dibromoethane
Concen: 20.109 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

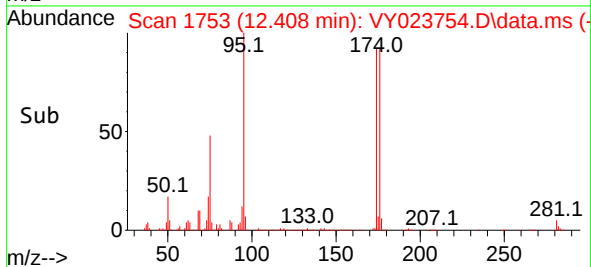
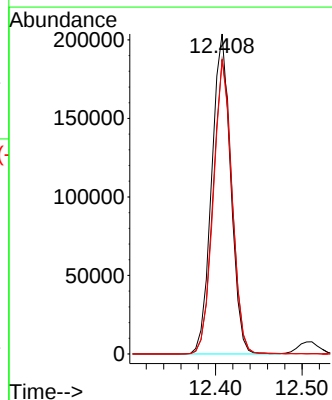
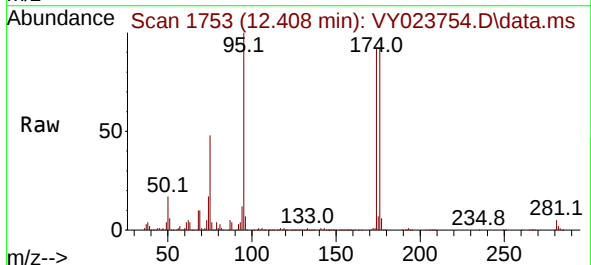
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

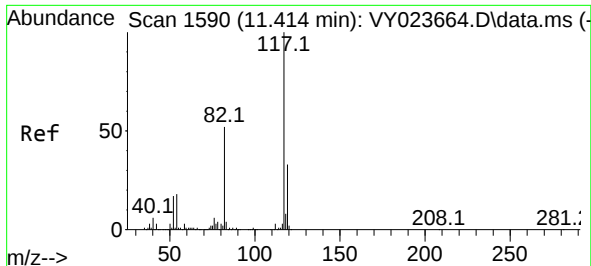
Tgt Ion:107 Resp: 72340
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 51.774 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 95 Resp: 310594
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.8
176 90.0 0.0 181.6

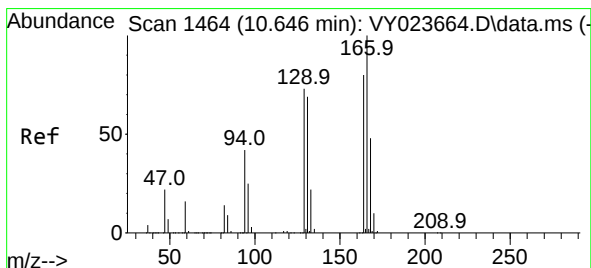
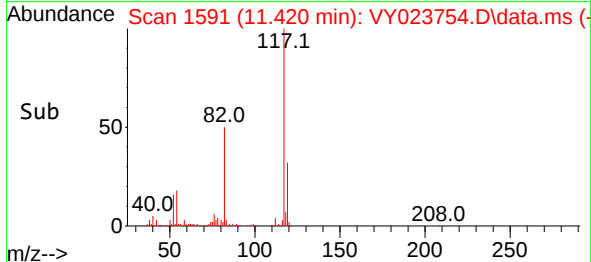
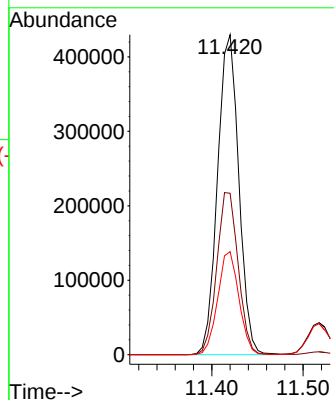
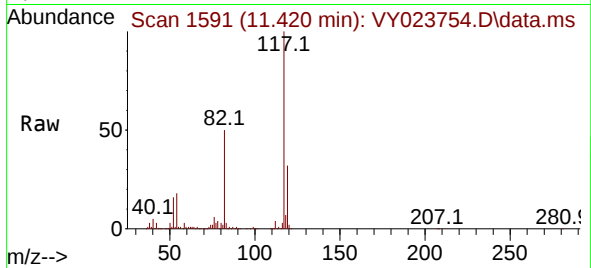




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

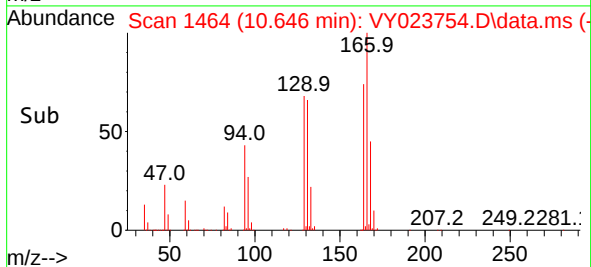
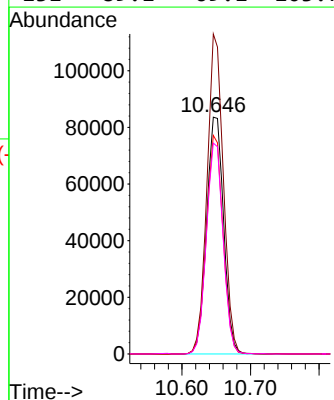
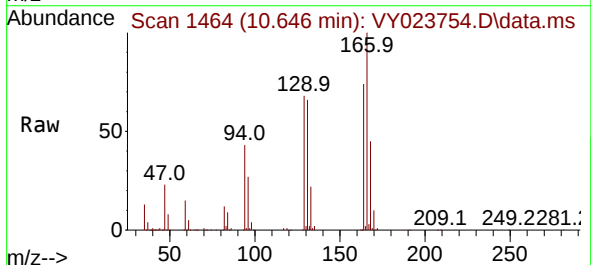
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

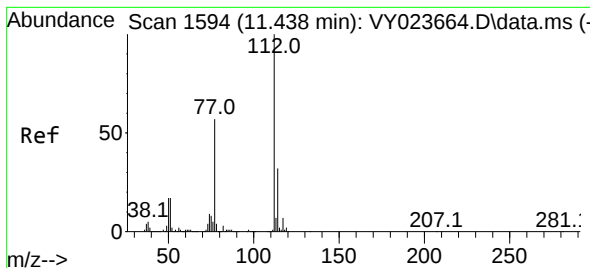
Tgt Ion:117 Resp: 695921
Ion Ratio Lower Upper
117 100
82 50.4 41.2 61.8
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 20.002 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:164 Resp: 144882
Ion Ratio Lower Upper
164 100
166 135.1 99.5 149.3
129 92.3 72.3 108.5
131 89.1 69.1 103.7

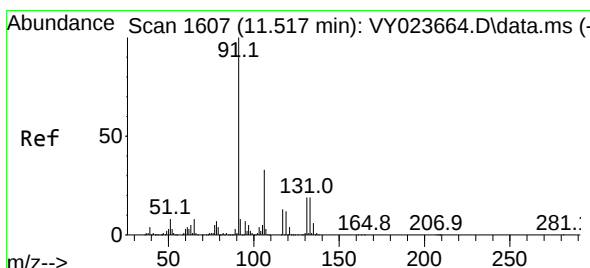
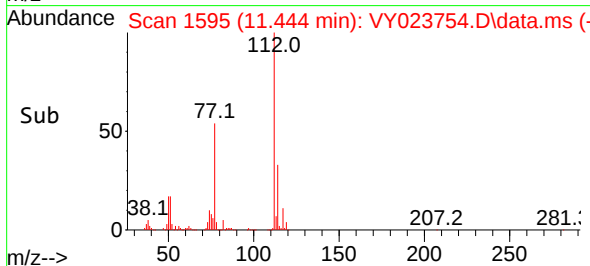
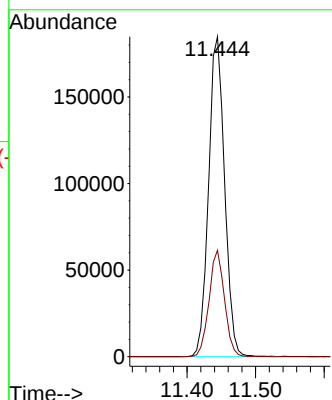
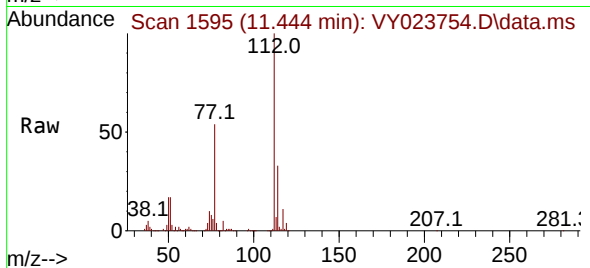




#65
Chlorobenzene
Concen: 19.868 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

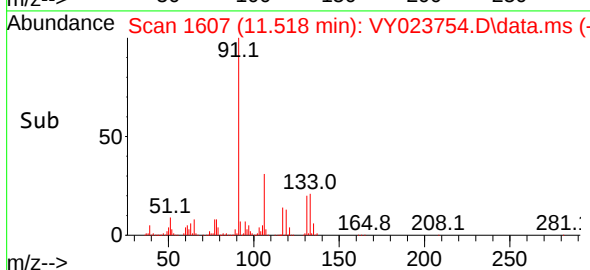
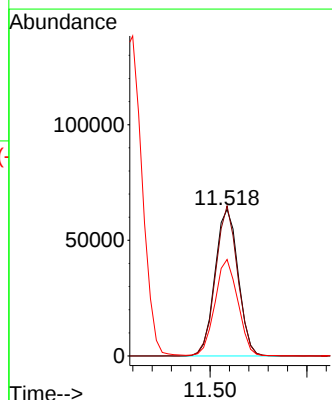
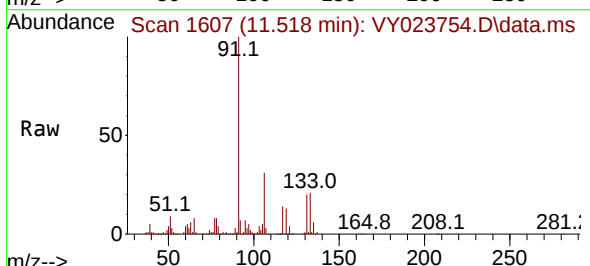
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

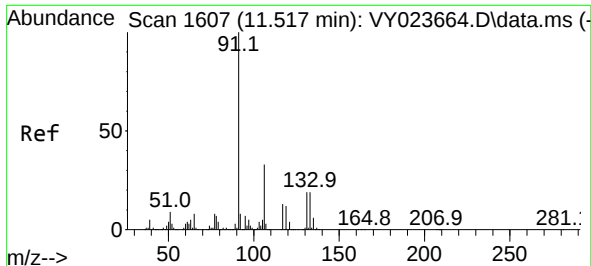
Tgt Ion:112 Resp: 300999
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.717 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:131 Resp: 105628
Ion Ratio Lower Upper
131 100
133 97.5 47.3 141.8
119 65.4 32.5 97.4





#67

Ethyl Benzene

Concen: 20.197 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

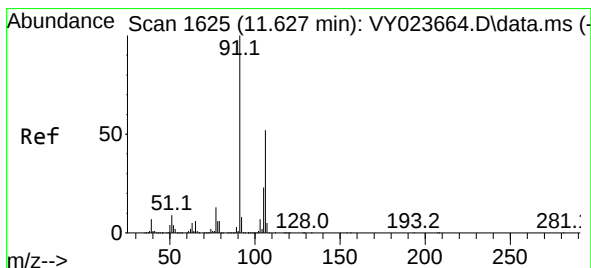
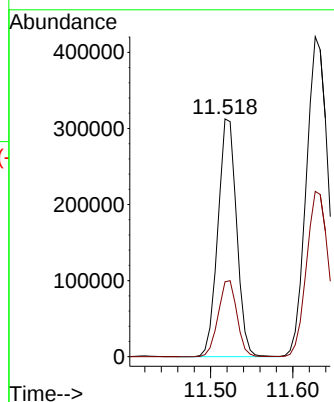
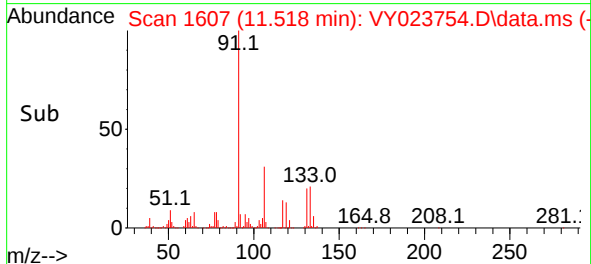
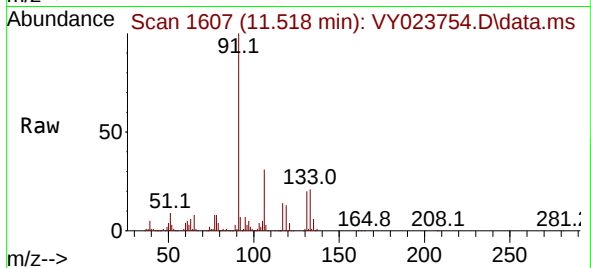
VY1112SBS01

Tgt Ion: 91 Resp: 495224

Ion Ratio Lower Upper

91 100

106 31.5 26.6 40.0



#68

m/p-Xylenes

Concen: 40.988 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023754.D

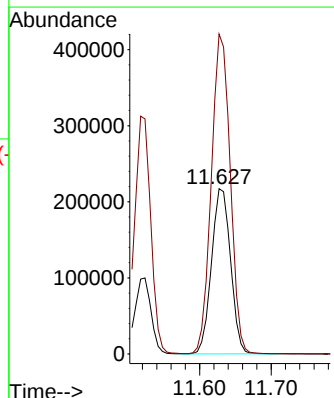
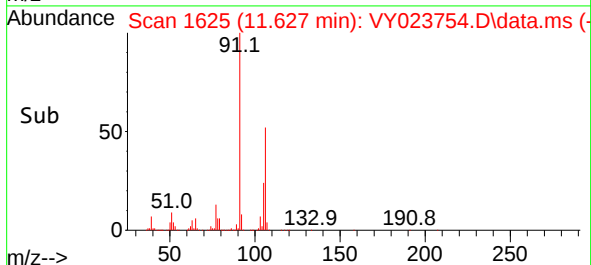
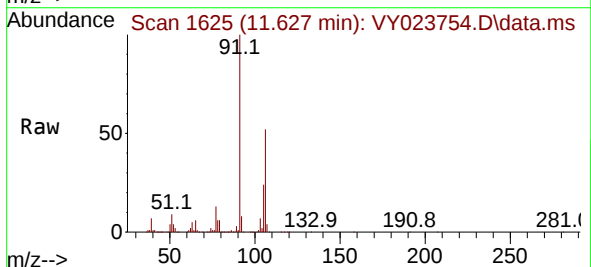
Acq: 12 Nov 2025 11:04

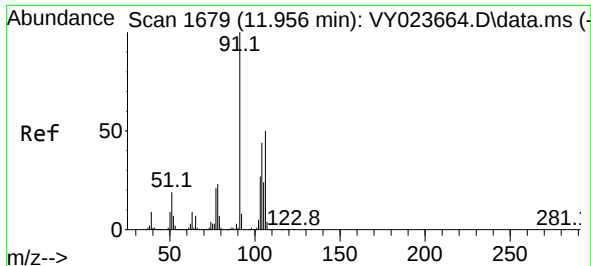
Tgt Ion:106 Resp: 401550

Ion Ratio Lower Upper

106 100

91 192.5 154.3 231.5

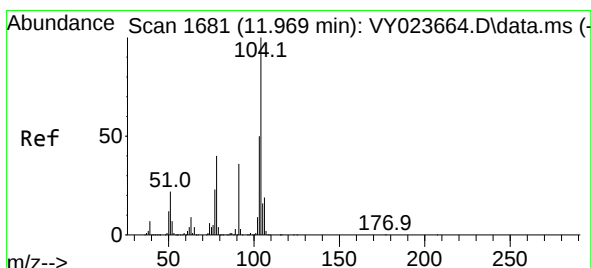
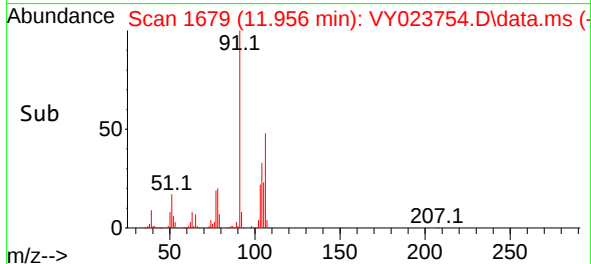
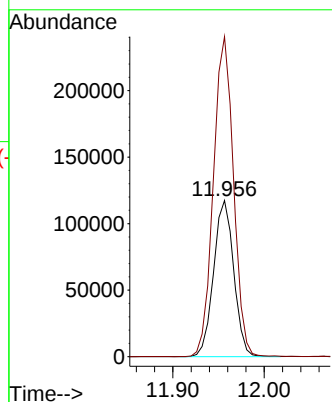
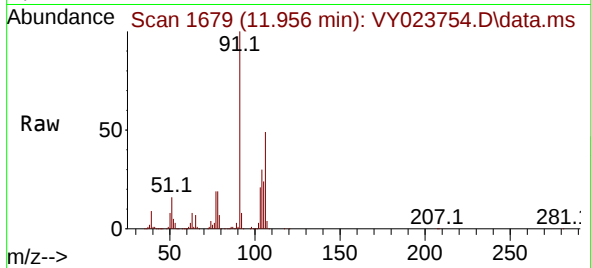




#69
o-Xylene
Concen: 19.839 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

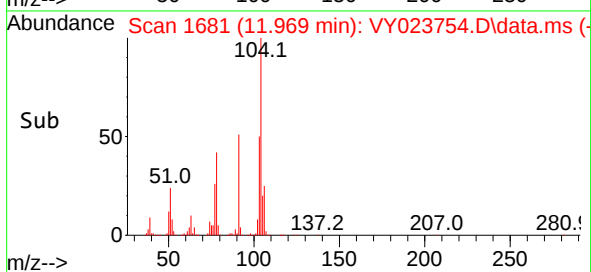
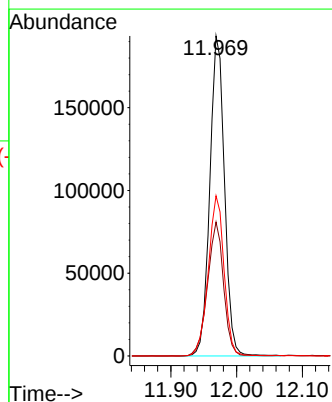
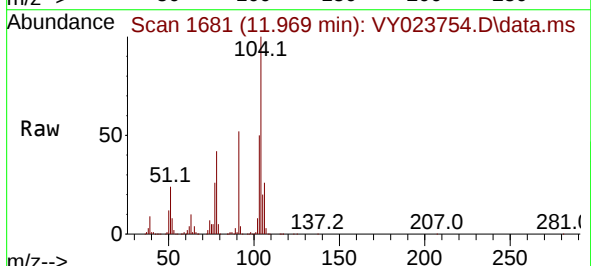
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

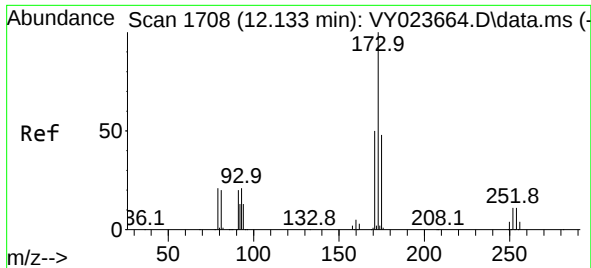
Tgt Ion:106 Resp: 179658
Ion Ratio Lower Upper
106 100
91 204.9 101.6 304.6



#70
Styrene
Concen: 20.144 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:104 Resp: 300983
Ion Ratio Lower Upper
104 100
78 45.6 36.5 54.7
103 54.0 43.7 65.5

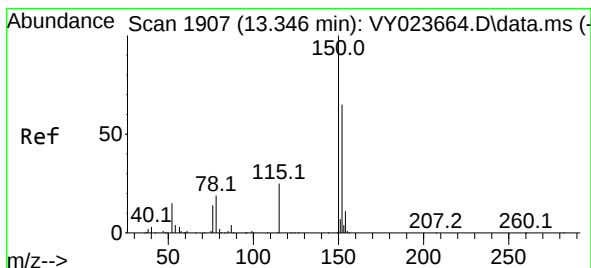
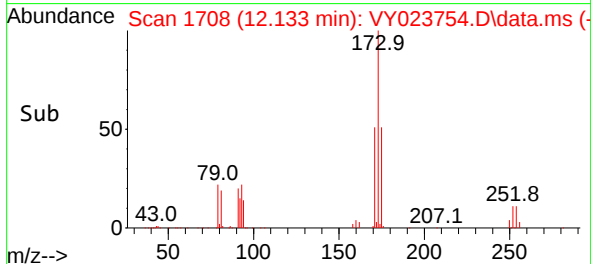
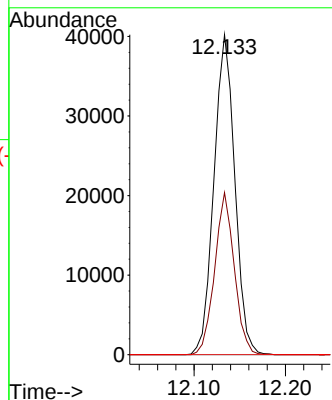
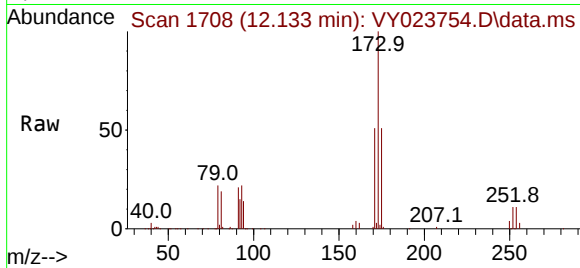




#71
Bromoform
Concen: 20.379 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

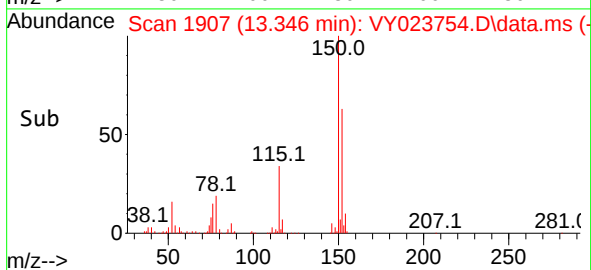
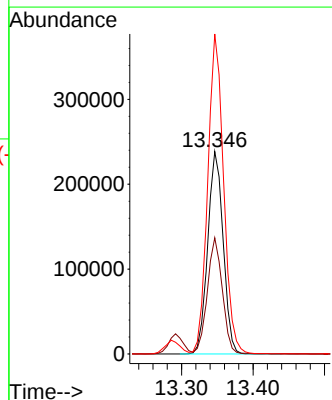
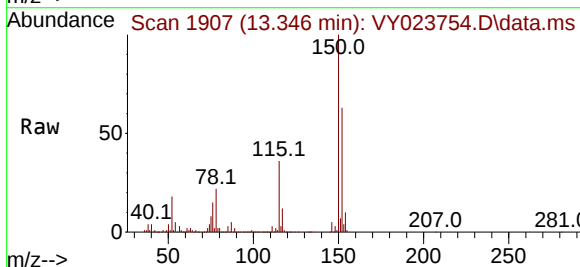
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

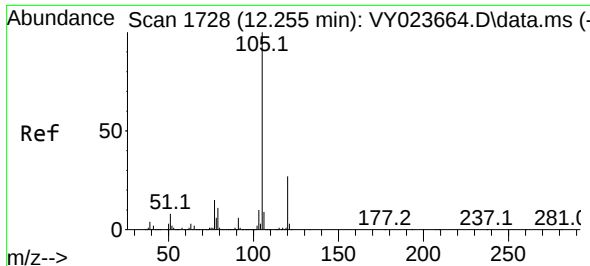
Tgt Ion:173 Resp: 63763
Ion Ratio Lower Upper
173 100
175 47.7 24.2 72.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:152 Resp: 358224
Ion Ratio Lower Upper
152 100
115 55.5 27.5 82.5
150 162.3 0.0 349.0

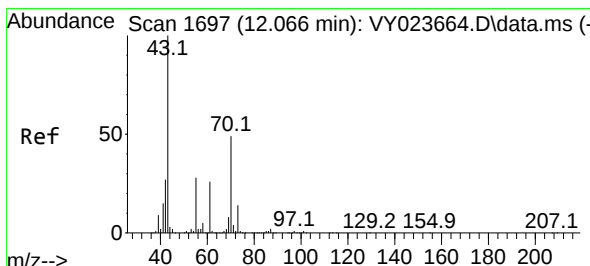
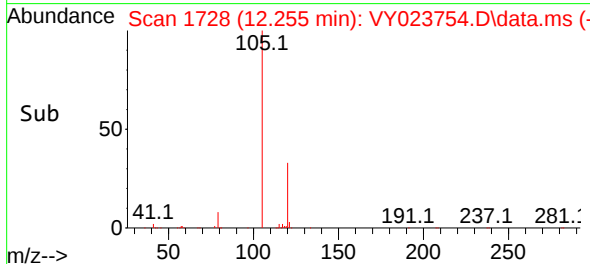
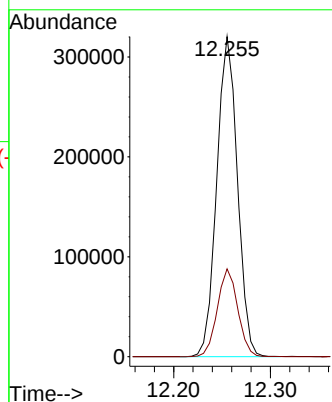
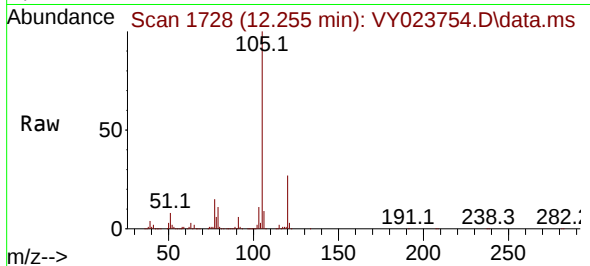




#73
Isopropylbenzene
Concen: 19.830 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

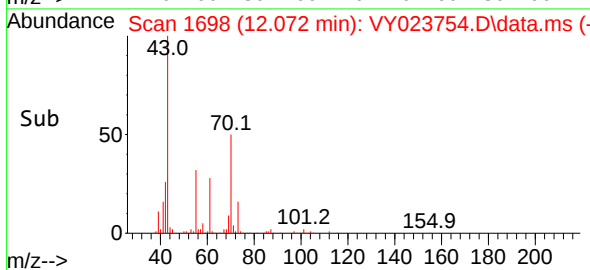
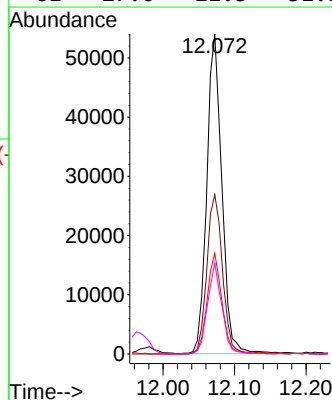
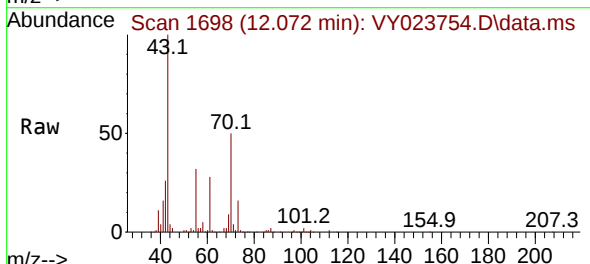
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

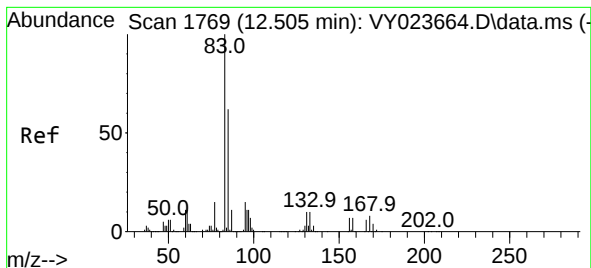
Tgt Ion:105 Resp: 475092
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 19.449 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 43 Resp: 78890
Ion Ratio Lower Upper
43 100
70 52.0 40.1 60.1
55 31.0 23.0 34.6
61 27.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.739 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

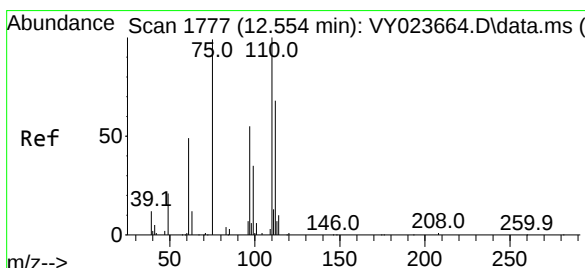
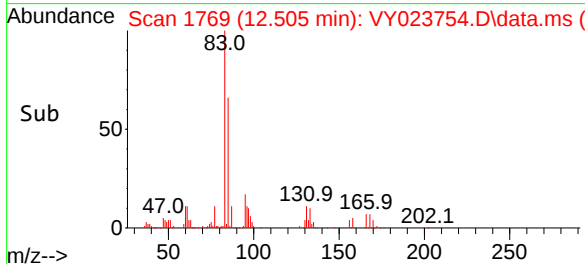
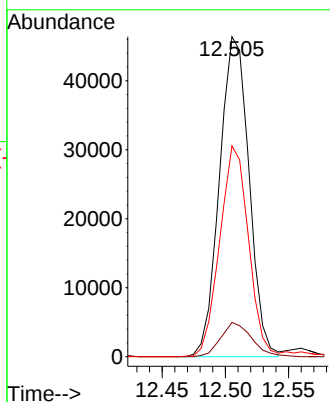
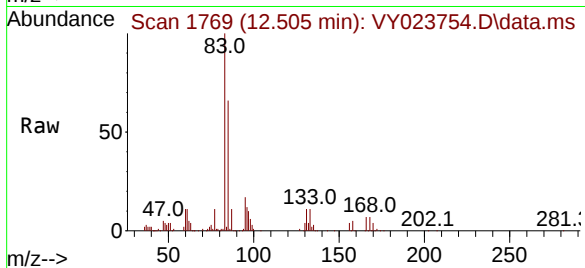
Tgt Ion: 83 Resp: 75530

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

85 65.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 35.530 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023754.D

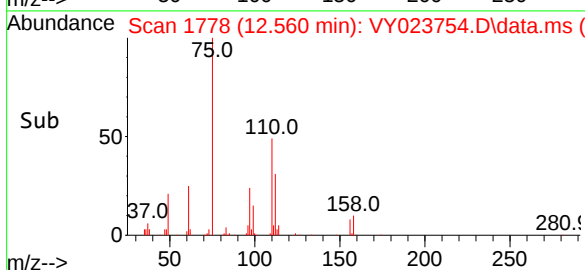
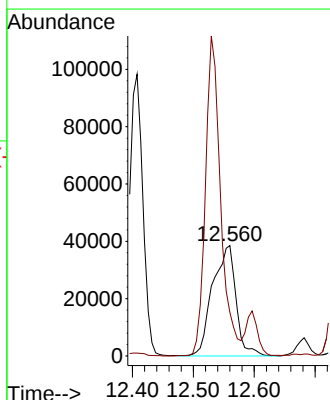
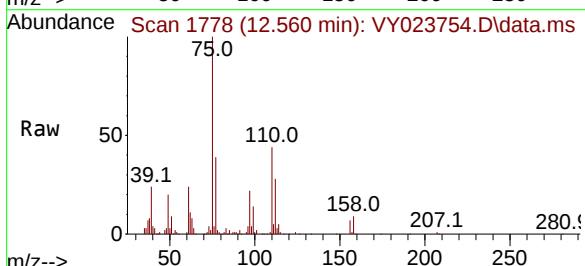
Acq: 12 Nov 2025 11:04

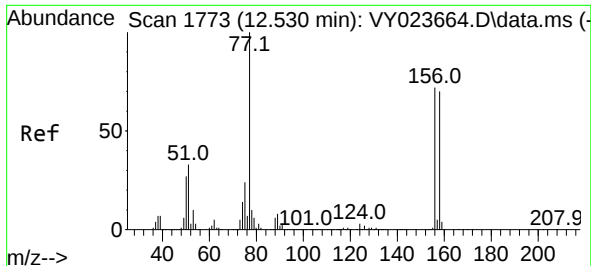
Tgt Ion: 75 Resp: 103008

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

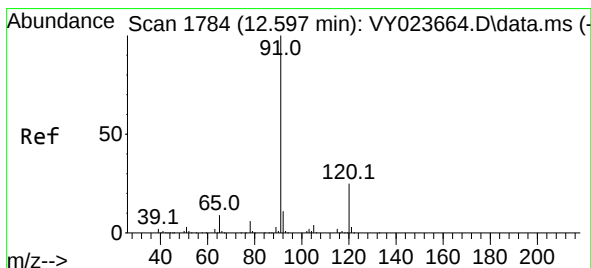
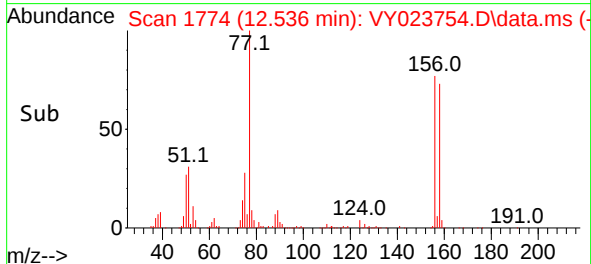
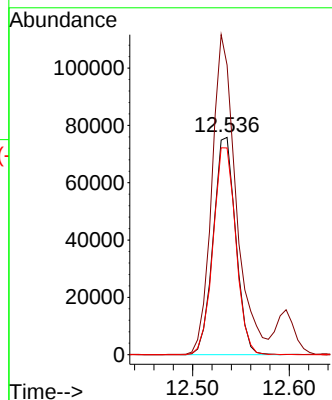
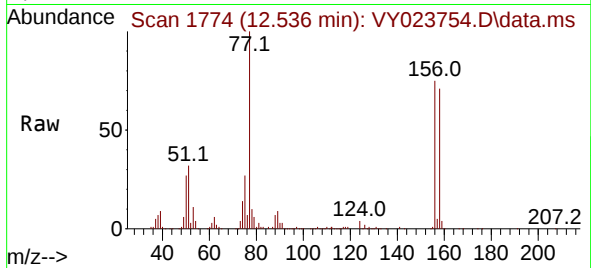




#77
Bromobenzene
Concen: 19.601 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

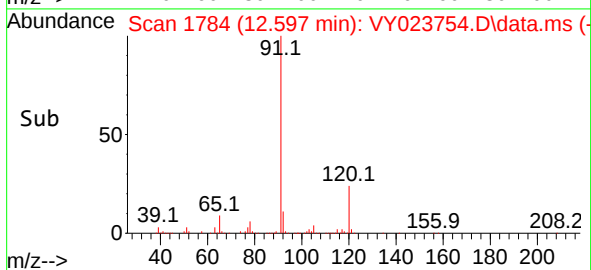
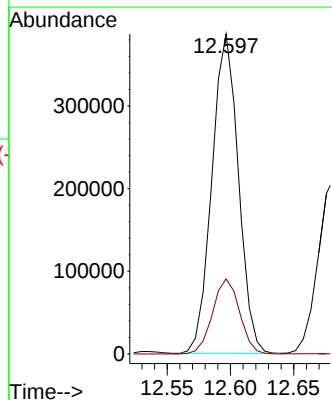
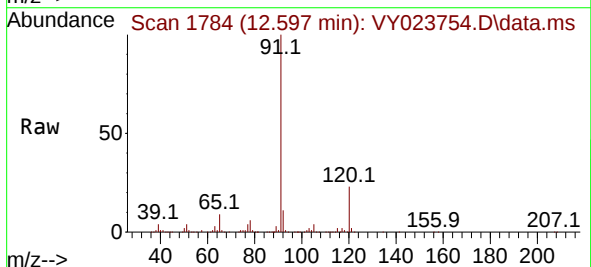
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

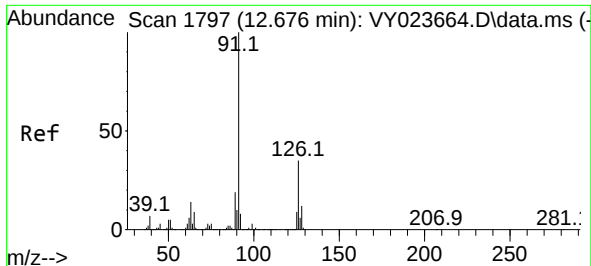
Tgt Ion:156 Resp: 121816
Ion Ratio Lower Upper
156 100
77 159.8 77.9 233.7
158 97.0 48.5 145.5



#78
n-propylbenzene
Concen: 19.972 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 91 Resp: 562853
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1





#79

2-Chlorotoluene

Concen: 19.698 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

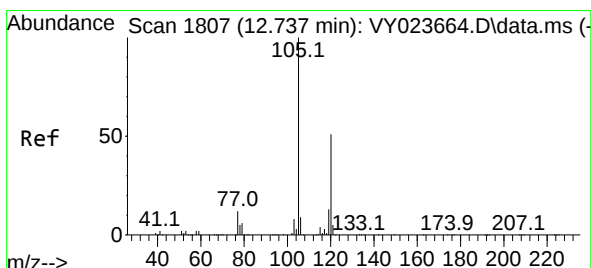
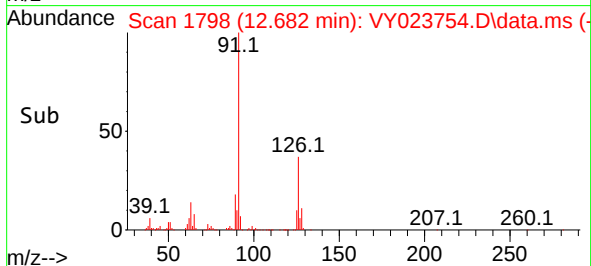
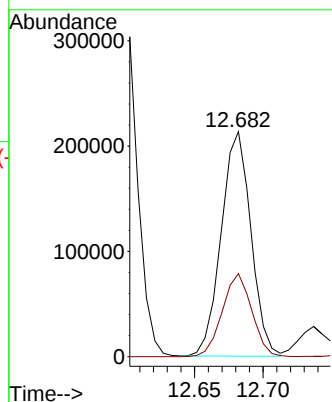
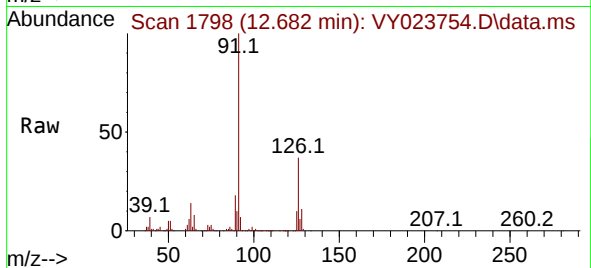
VY1112SBS01

Tgt Ion: 91 Resp: 322130

Ion Ratio Lower Upper

91 100

126 36.7 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 20.184 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY023754.D

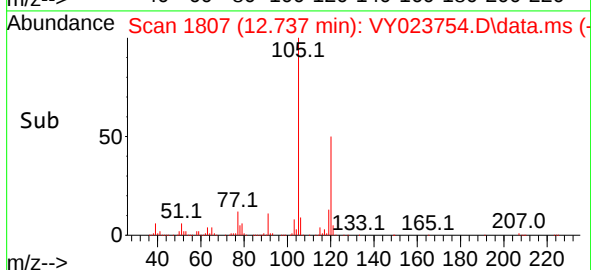
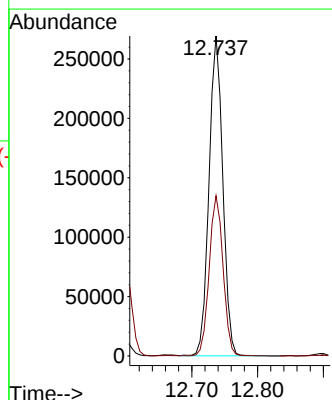
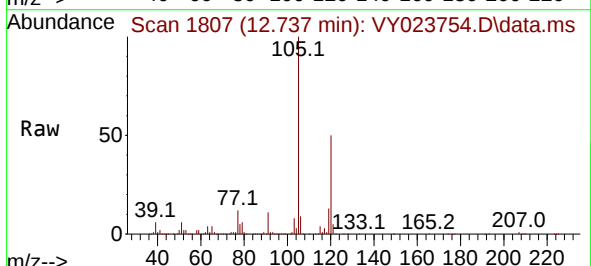
Acq: 12 Nov 2025 11:04

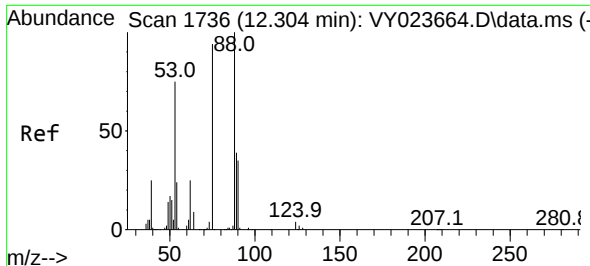
Tgt Ion:105 Resp: 392909

Ion Ratio Lower Upper

105 100

120 50.4 25.4 76.2

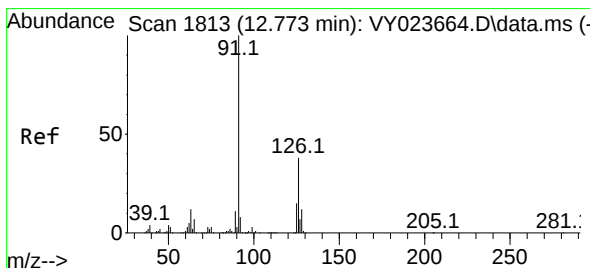
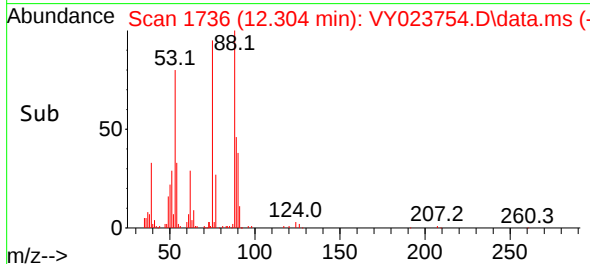
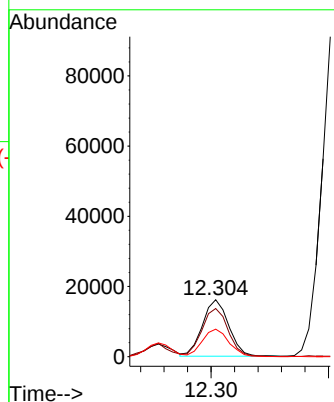
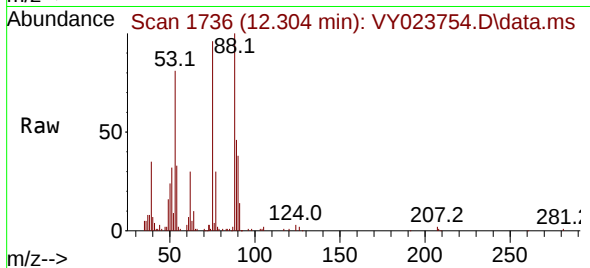




#81
trans-1,4-Dichloro-2-butene
Concen: 19.509 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

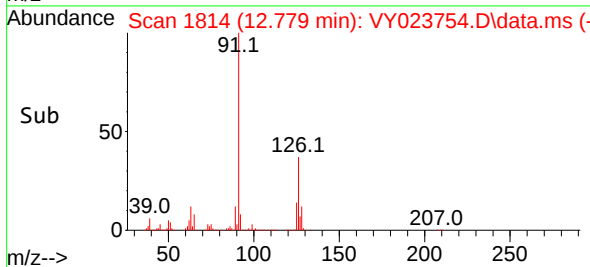
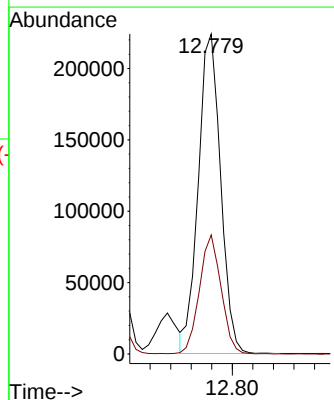
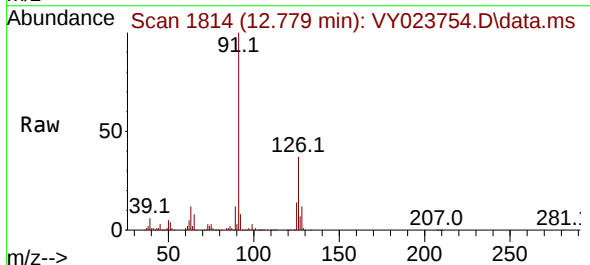
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

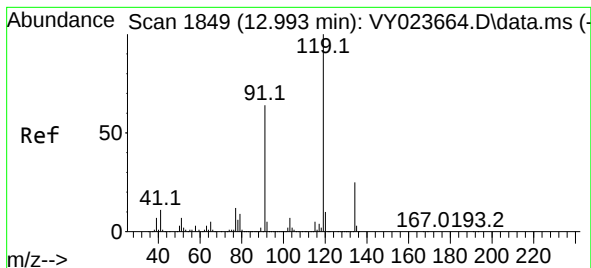
Tgt Ion: 75 Resp: 25027
Ion Ratio Lower Upper
75 100
53 86.4 69.6 104.4
89 49.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.047 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 91 Resp: 338093
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.4





#83

tert-Butylbenzene

Concen: 19.305 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

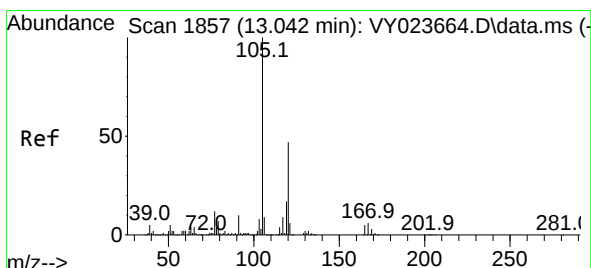
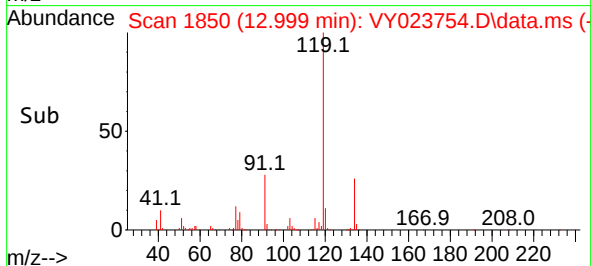
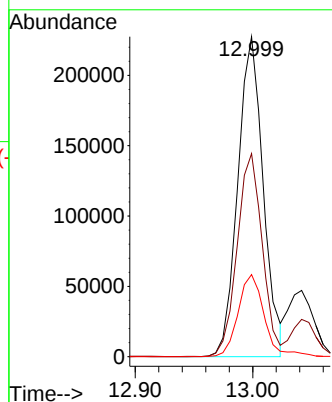
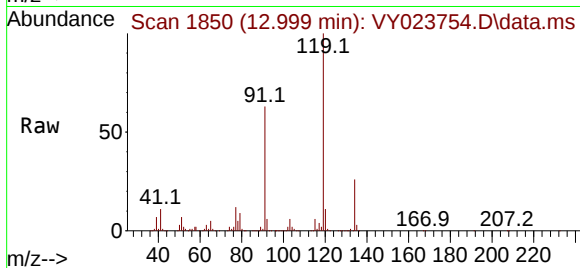
Tgt Ion:119 Resp: 342262

Ion Ratio Lower Upper

119 100

91 62.6 30.7 92.1

134 26.5 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.249 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023754.D

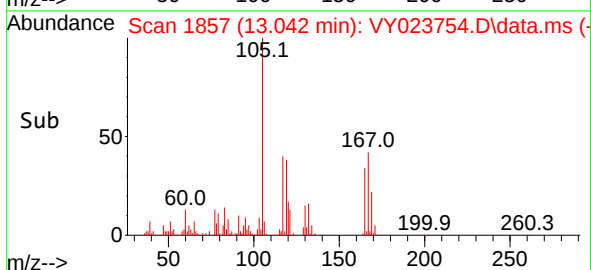
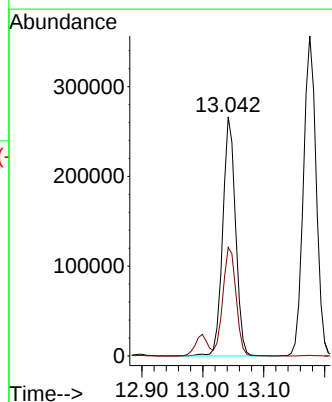
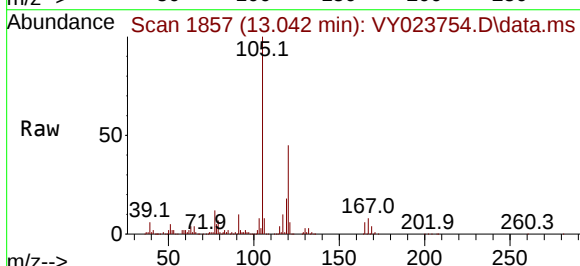
Acq: 12 Nov 2025 11:04

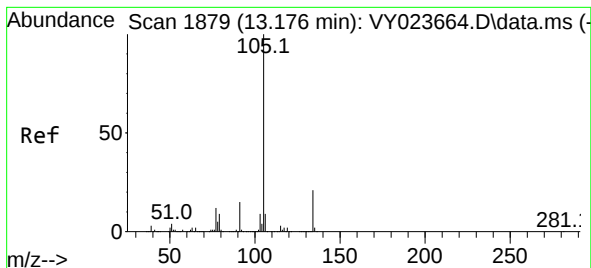
Tgt Ion:105 Resp: 390413

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.215 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

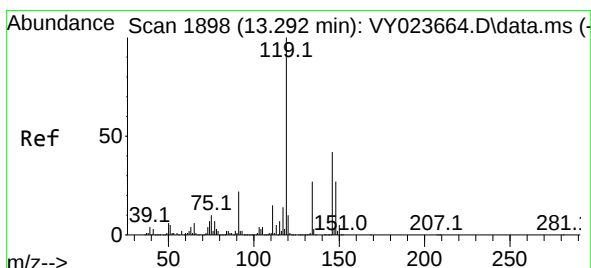
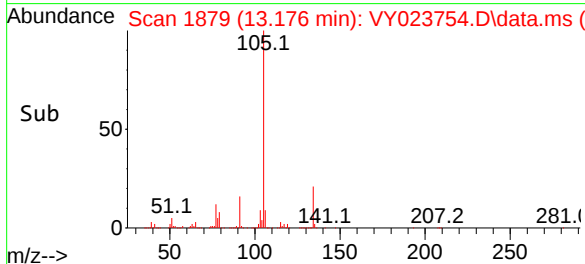
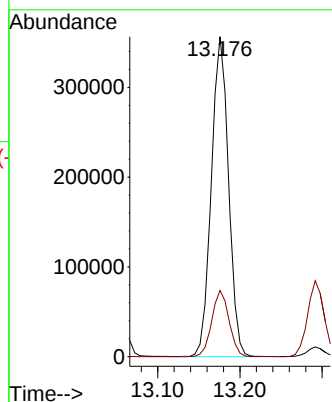
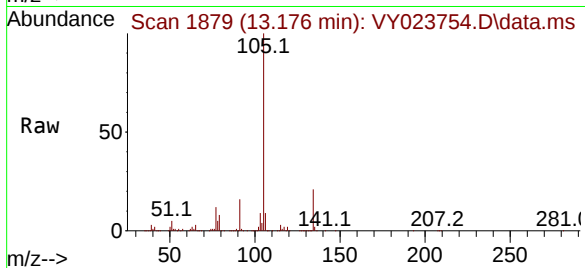
VY1112SBS01

Tgt Ion:105 Resp: 516942

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 19.966 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

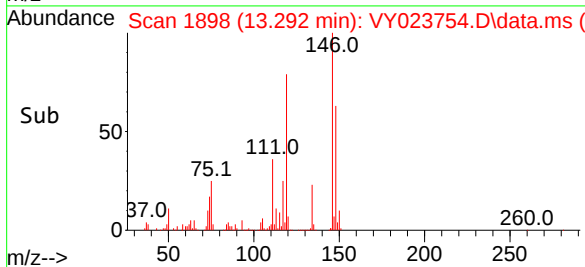
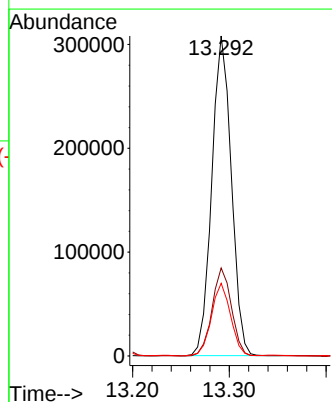
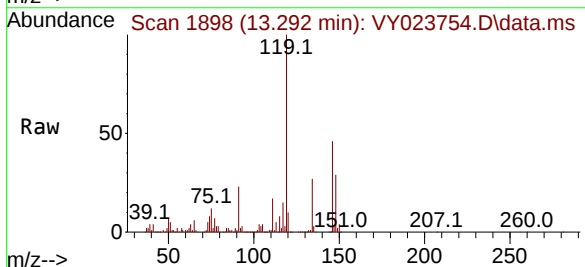
Tgt Ion:119 Resp: 432225

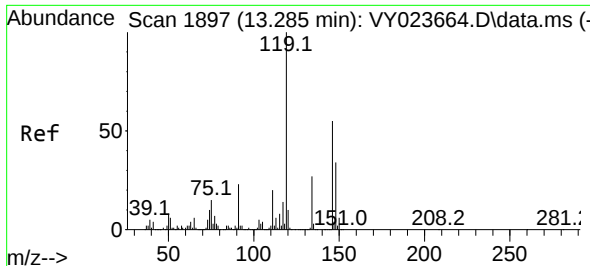
Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 22.3 11.1 33.1

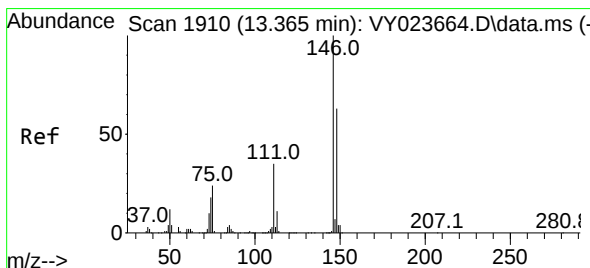
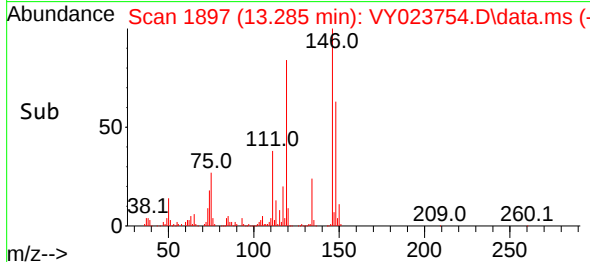
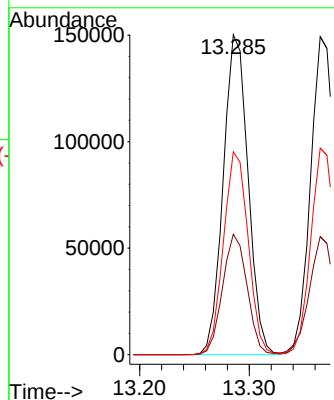
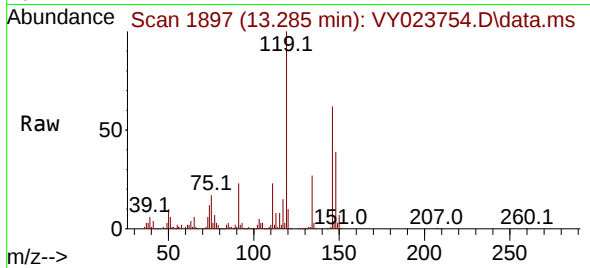




#87
1,3-Dichlorobenzene
Concen: 19.357 ug/l
RT: 13.285 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

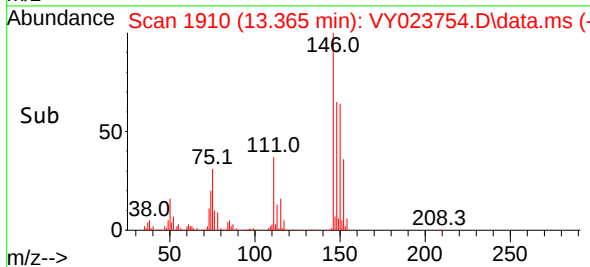
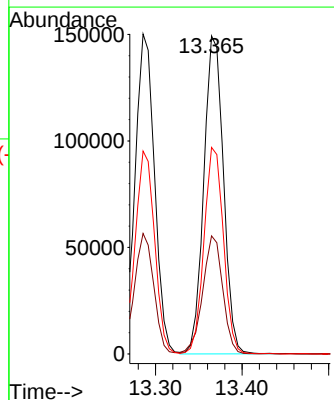
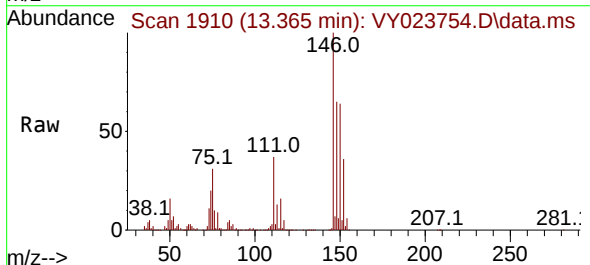
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

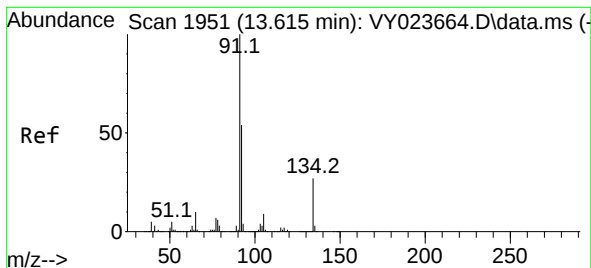
Tgt Ion:146 Resp: 236767
Ion Ratio Lower Upper
146 100
111 37.1 18.8 56.3
148 63.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.566 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:146 Resp: 235098
Ion Ratio Lower Upper
146 100
111 37.7 18.3 54.8
148 64.2 31.8 95.3





#89

n-Butylbenzene

Concen: 19.703 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

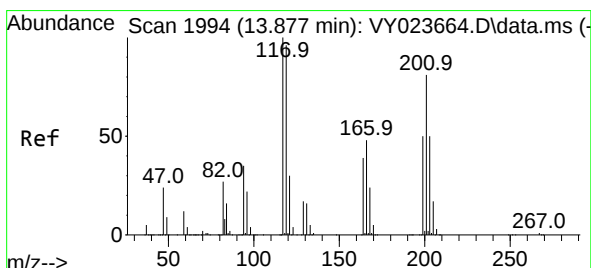
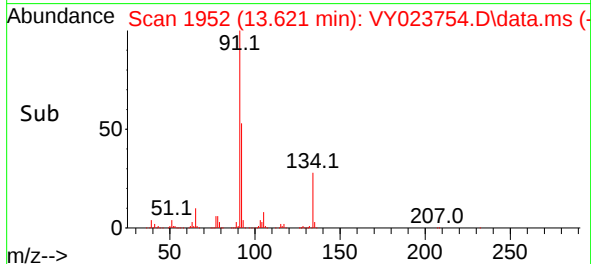
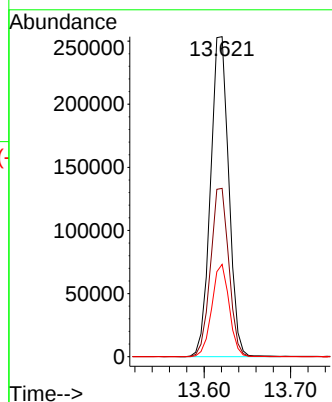
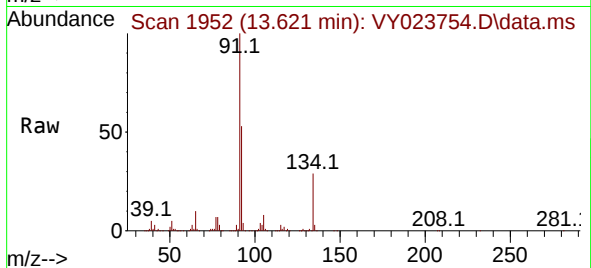
Tgt Ion: 91 Resp: 370888

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.4

134 27.5 13.7 41.1



#90

Hexachloroethane

Concen: 19.454 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023754.D

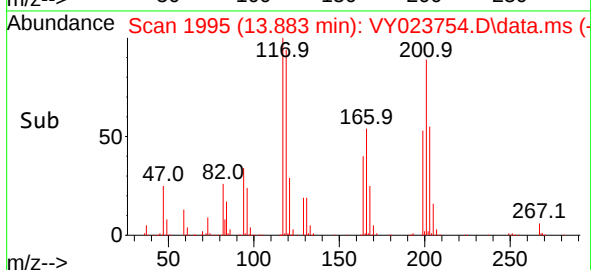
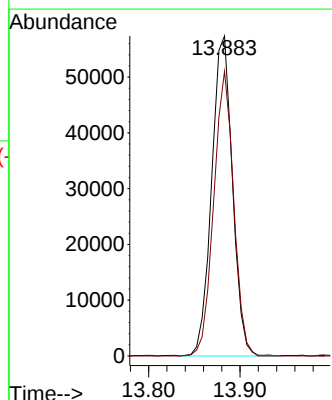
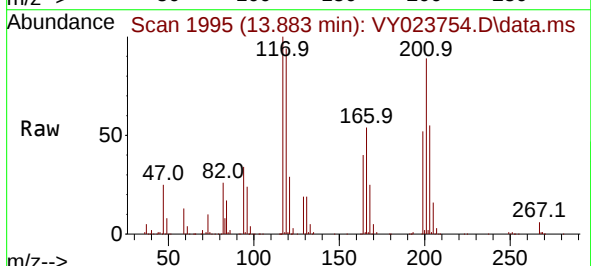
Acq: 12 Nov 2025 11:04

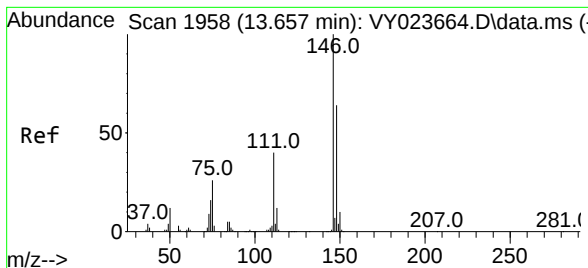
Tgt Ion: 117 Resp: 90499

Ion Ratio Lower Upper

117 100

201 85.3 42.3 126.8

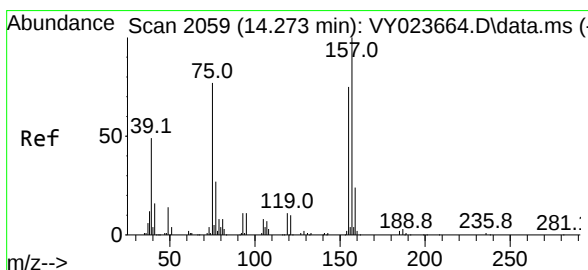
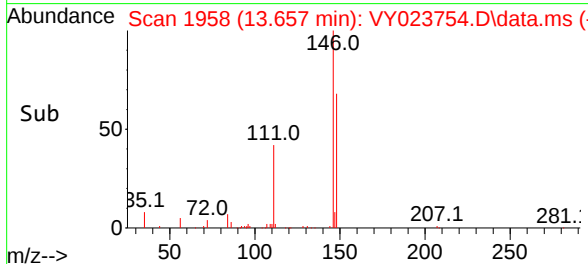
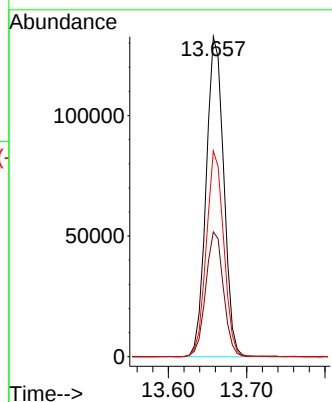
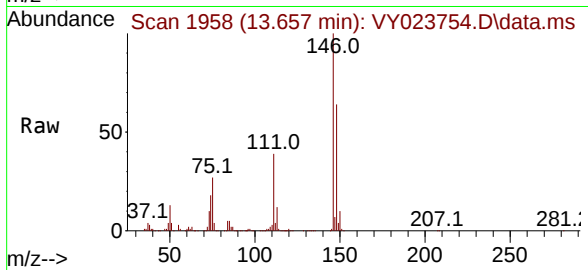




#91
1,2-Dichlorobenzene
Concen: 19.620 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

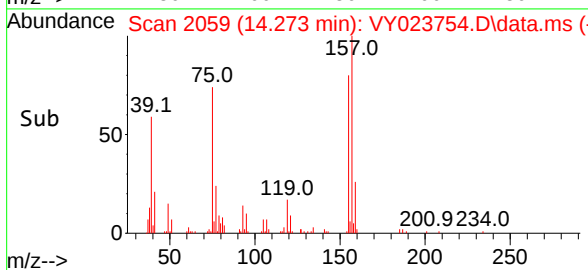
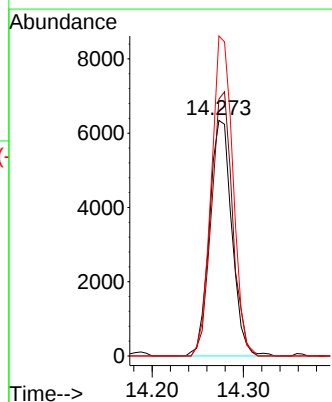
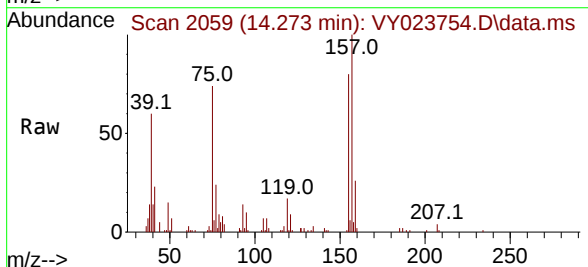
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

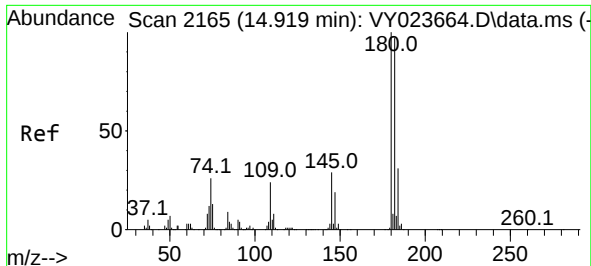
Tgt Ion:146 Resp: 206816
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 63.5 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.334 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 75 Resp: 10802
Ion Ratio Lower Upper
75 100
155 105.1 49.4 148.2
157 130.4 63.2 189.8

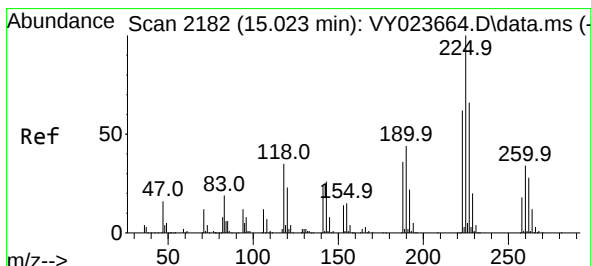
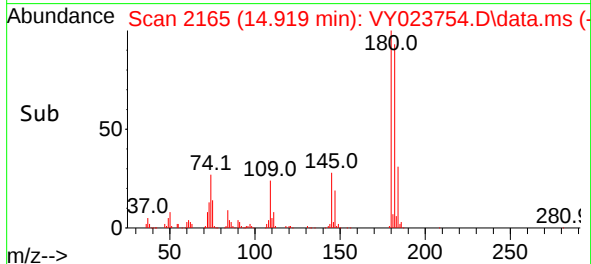
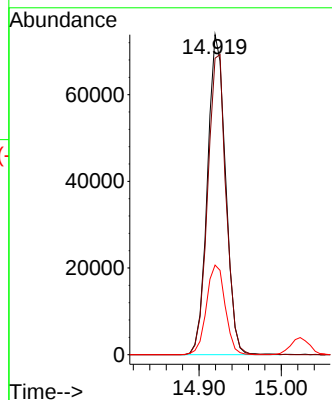
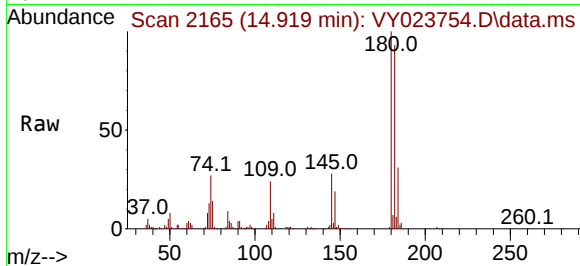




#93
1,2,4-Trichlorobenzene
Concen: 18.724 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

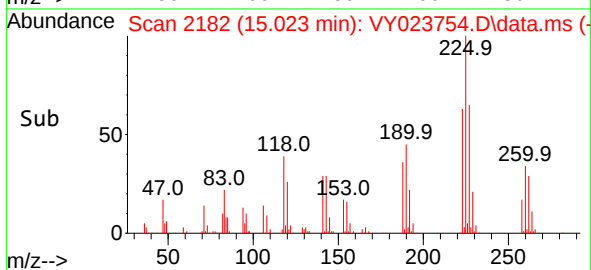
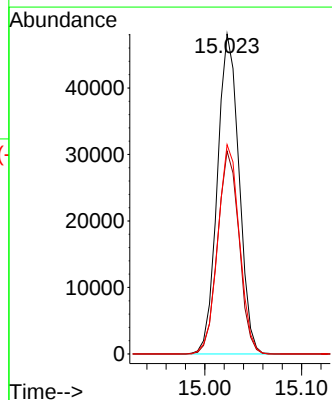
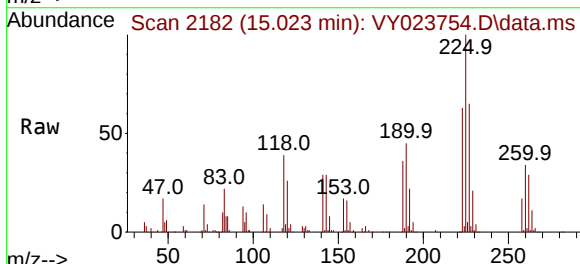
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

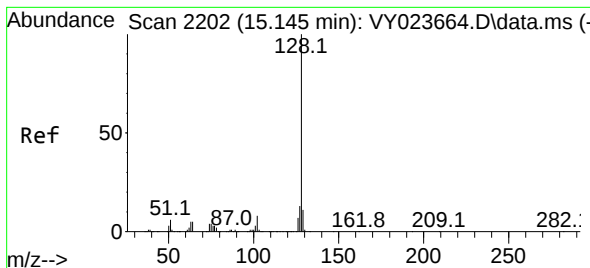
Tgt Ion:180 Resp: 112897
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 29.0 14.4 43.4



#94
Hexachlorobutadiene
Concen: 18.905 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:225 Resp: 74687
Ion Ratio Lower Upper
225 100
223 62.9 30.8 92.3
227 65.3 32.0 96.2





#95

Naphthalene

Concen: 19.235 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

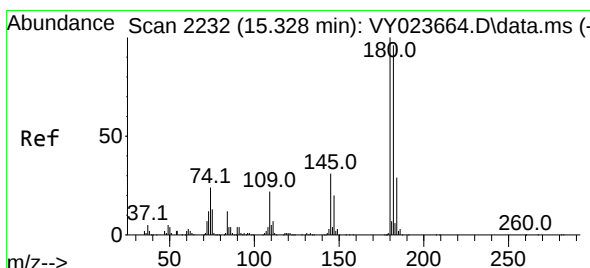
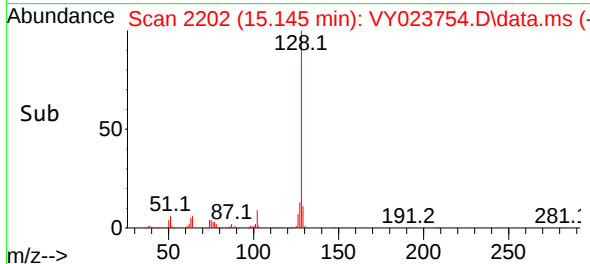
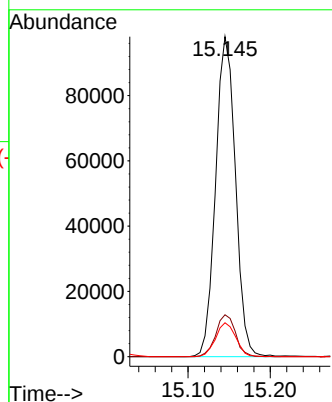
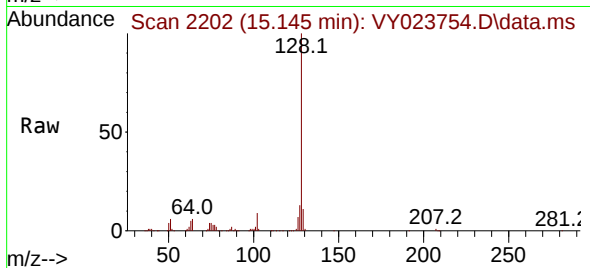
Tgt Ion:128 Resp: 164618

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.028 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Tgt Ion:180 Resp: 95857

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

145 30.4 15.5 46.5

