

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
 Data File : VY023458.D
 Acq On : 14 Oct 2025 12:26
 Operator : SY/MD
 Sample : VY1014SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Quant Time: Oct 15 03:25:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	531866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	775568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	681796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	357890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	205302	46.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.320%
35) Dibromofluoromethane	7.640	113	233146	48.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.109	98	874418	49.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.408	95	272187	46.454	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	81753	21.355	ug/l	99
3) Chloromethane	2.074	50	105426	20.215	ug/l	98
4) Vinyl Chloride	2.208	62	137299	20.213	ug/l	98
5) Bromomethane	2.598	94	119704	20.999	ug/l	98
6) Chloroethane	2.739	64	97209	20.994	ug/l	100
7) Trichlorofluoromethane	3.056	101	190876	20.238	ug/l	97
8) Diethyl Ether	3.458	74	44496	18.055	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	102081	20.858	ug/l	99
10) Methyl Iodide	4.007	142	101843	18.692	ug/l	99
11) Tert butyl alcohol	4.854	59	27690	83.688	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	95039	20.032	ug/l	94
13) Acrolein	3.659	56	31146	66.618	ug/l	98
14) Allyl chloride	4.385	41	110873	19.175	ug/l	98
15) Acrylonitrile	5.061	53	83029	88.033	ug/l	100
16) Acetone	3.873	43	126884	119.835	ug/l	98
17) Carbon Disulfide	4.110	76	276041	20.329	ug/l	99
18) Methyl Acetate	4.391	43	40389	14.541	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	203201	17.820	ug/l	100
20) Methylene Chloride	4.616	84	109997	19.212	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	106974	20.480	ug/l	94
22) Diisopropyl ether	6.025	45	250156	19.559	ug/l	96
23) Vinyl Acetate	5.964	43	642693	92.837	ug/l	98
24) 1,1-Dichloroethane	5.921	63	174934	20.648	ug/l	98
25) 2-Butanone	6.896	43	130709	101.117	ug/l	94
26) 2,2-Dichloropropane	6.890	77	162480	20.901	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	120168	19.916	ug/l	99
28) Bromochloromethane	7.250	49	64471	20.385	ug/l	97
29) Tetrahydrofuran	7.268	42	60529	82.574	ug/l	98
30) Chloroform	7.427	83	192163	20.645	ug/l	99
31) Cyclohexane	7.707	56	142556	19.268	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	174548	20.635	ug/l	100
36) 1,1-Dichloropropene	7.841	75	129434	20.516	ug/l	99
37) Ethyl Acetate	6.988	43	45608	18.247	ug/l	98
38) Carbon Tetrachloride	7.823	117	161260	21.080	ug/l	98
39) Methylcyclohexane	9.115	83	162294	19.757	ug/l	98
40) Benzene	8.085	78	414247	20.733	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	22805	16.870	ug/l	92
42) 1,2-Dichloroethane	8.158	62	100669	19.536	ug/l	99
43) Isopropyl Acetate	8.201	43	85853	17.226	ug/l	99
44) Trichloroethene	8.866	130	121064	20.702	ug/l	95
45) 1,2-Dichloropropane	9.146	63	90566	20.522	ug/l	97
46) Dibromomethane	9.237	93	54495	19.528	ug/l	98
47) Bromodichloromethane	9.426	83	141692	20.161	ug/l	99
48) Methyl methacrylate	9.225	41	38689	16.524	ug/l	94
49) 1,4-Dioxane	9.225	88	10651	329.197	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	223605	86.835	ug/l	98
52) Toluene	10.170	92	266643	20.554	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	118025	19.313	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	143895	19.951	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	73249	19.520	ug/l	94
56) Ethyl methacrylate	10.438	69	75043	17.336	ug/l	98
57) 1,3-Dichloropropane	10.719	76	116342	19.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	165771	85.487	ug/l	99
59) 2-Hexanone	10.762	43	177961	96.705	ug/l	98
60) Dibromochloromethane	10.914	129	105303	20.015	ug/l	100
61) 1,2-Dibromoethane	11.018	107	67050	18.735	ug/l	98
64) Tetrachloroethene	10.646	164	145052	20.604	ug/l	97
65) Chlorobenzene	11.444	112	299766	20.215	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	107802	20.401	ug/l	99
67) Ethyl Benzene	11.517	91	478469	19.934	ug/l	99
68) m/p-Xylenes	11.633	106	392394	40.757	ug/l	99
69) o-Xylene	11.956	106	176540	19.549	ug/l	99
70) Styrene	11.969	104	299261	20.152	ug/l	100
71) Bromoform	12.133	173	62280	19.001	ug/l #	100
73) Isopropylbenzene	12.255	105	468838	19.878	ug/l	99
74) N-amyl acetate	12.072	43	69522	16.411	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	70271	18.216	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	93610	29.646	ug/l #	100
77) Bromobenzene	12.530	156	120367	19.197	ug/l	99
78) n-propylbenzene	12.597	91	556336	20.384	ug/l	99
79) 2-Chlorotoluene	12.682	91	319288	19.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	389505	20.437	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	23267	18.069	ug/l	98
82) 4-Chlorotoluene	12.779	91	333116	20.237	ug/l	100
83) tert-Butylbenzene	12.999	119	350325	19.908	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	387734	20.385	ug/l	99
85) sec-Butylbenzene	13.176	105	519262	20.571	ug/l	99
86) p-Isopropyltoluene	13.292	119	437290	20.346	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	243530	19.945	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	237215	19.671	ug/l	99
89) n-Butylbenzene	13.621	91	368348	19.669	ug/l	99
90) Hexachloroethane	13.877	117	95745	20.712	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	208397	19.468	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10675	16.865	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	116190	17.410	ug/l	99
94) Hexachlorobutadiene	15.023	225	81091	19.493	ug/l	99
95) Naphthalene	15.145	128	154221	14.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	97472	16.862	ug/l	99

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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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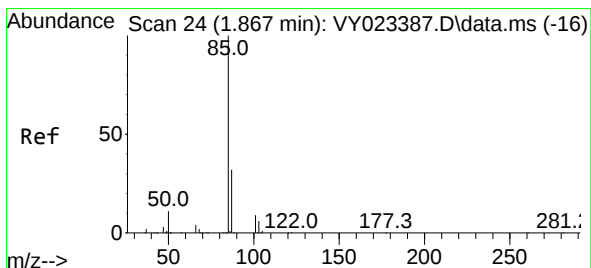
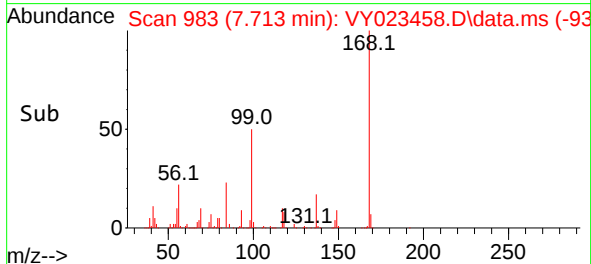
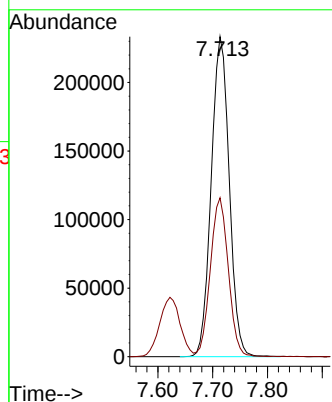
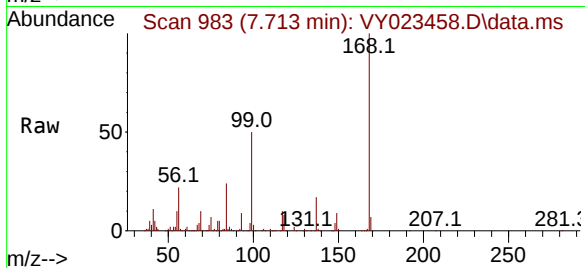




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

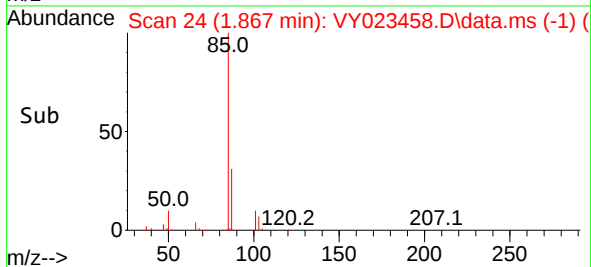
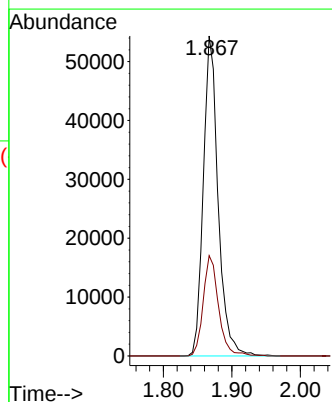
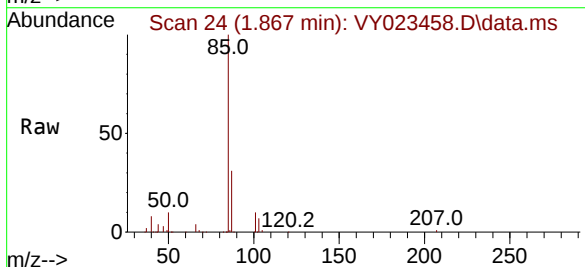
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion:168 Resp: 531866
Ion Ratio Lower Upper
168 100
99 49.6 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 21.355 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 85 Resp: 81753
Ion Ratio Lower Upper
85 100
87 31.4 16.0 47.9

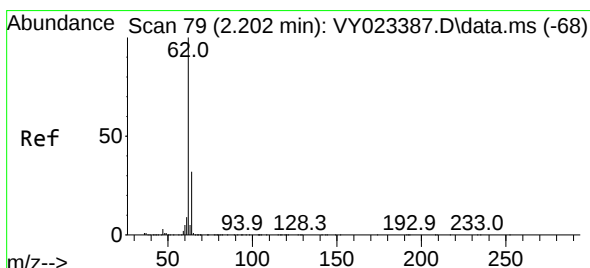
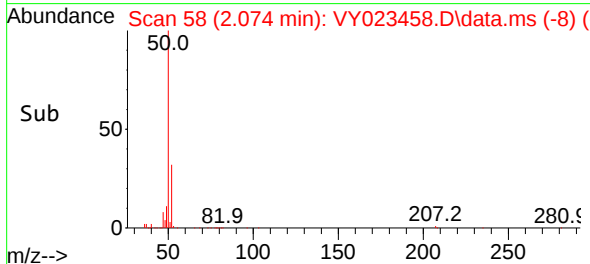
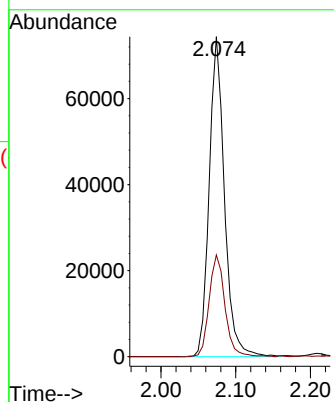
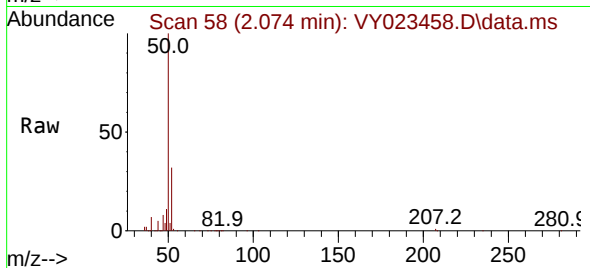




#3
Chloromethane
Concen: 20.215 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

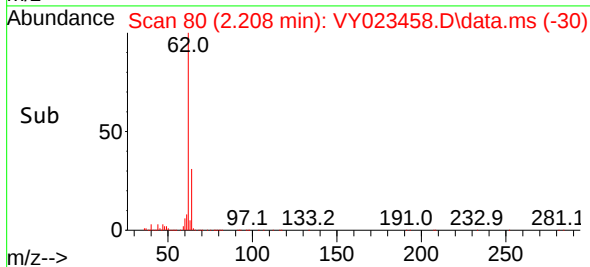
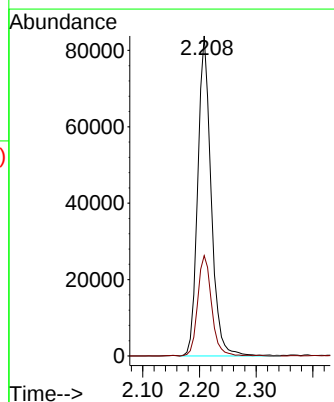
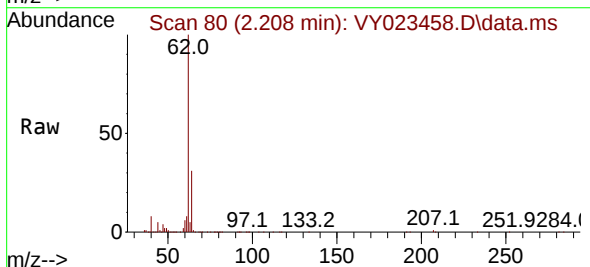
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion: 50 Resp: 105426
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 20.213 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 62 Resp: 137299
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.8

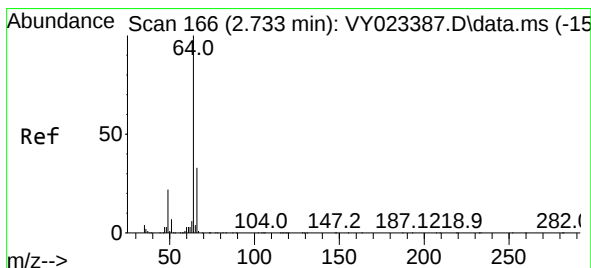
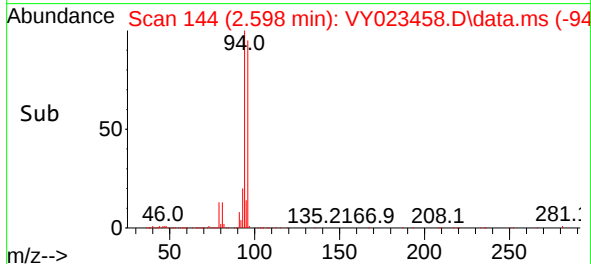
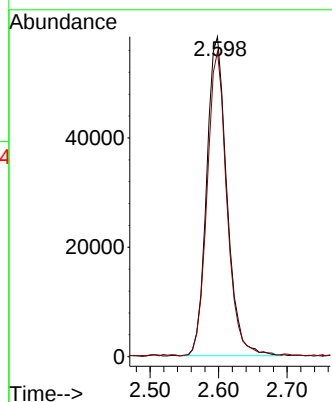
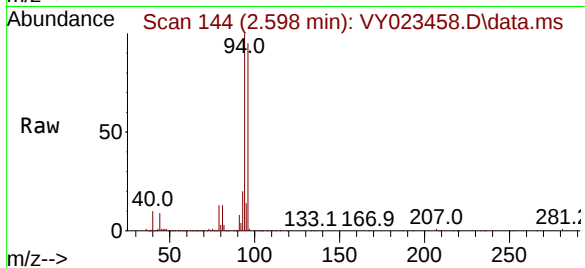




#5
Bromomethane
Concen: 20.999 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

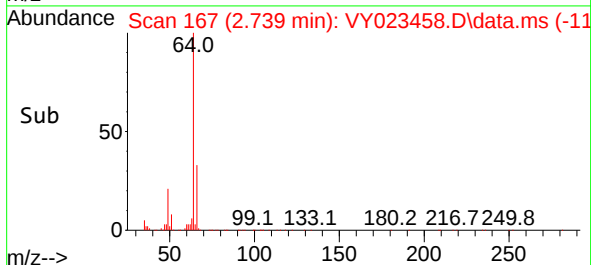
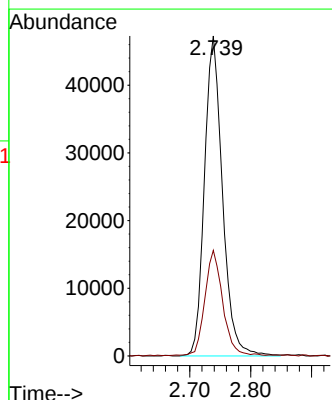
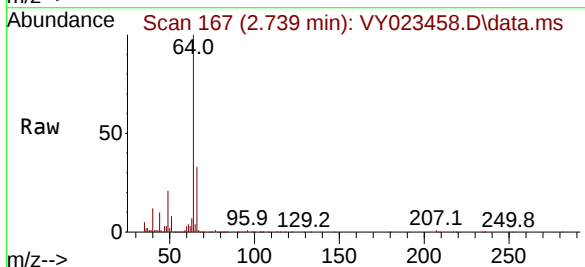
Instrument :
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ClientSampleId :
VY1014SBS01

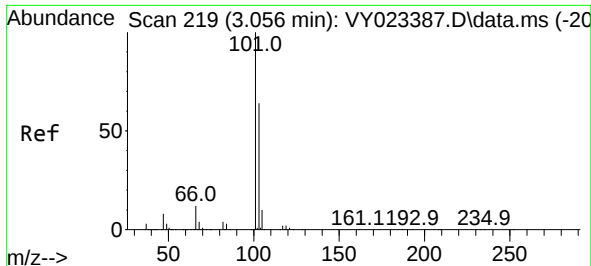
Tgt Ion: 94 Resp: 119704
Ion Ratio Lower Upper
94 100
96 95.4 74.5 111.7



#6
Chloroethane
Concen: 20.994 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 64 Resp: 97209
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4

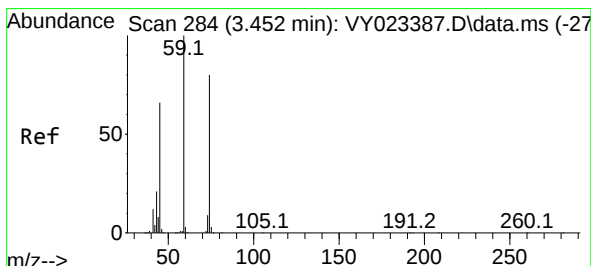
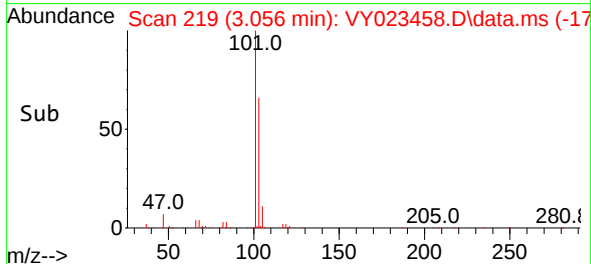
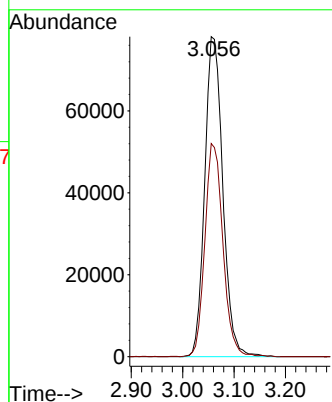
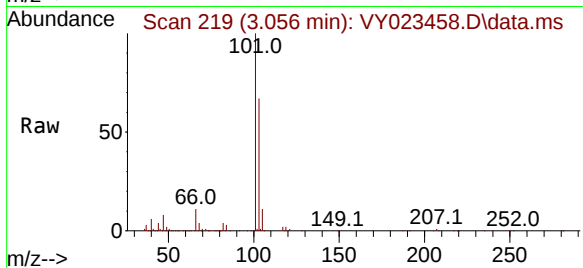




#7
 Trichlorofluoromethane
 Concen: 20.238 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023458.D
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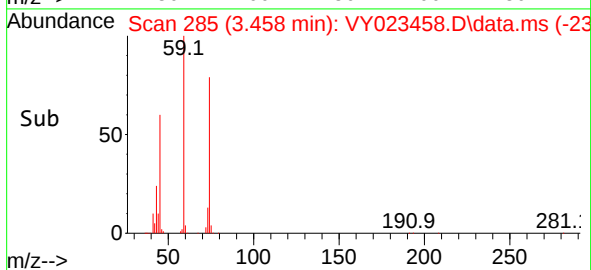
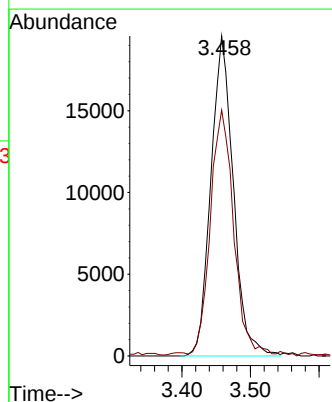
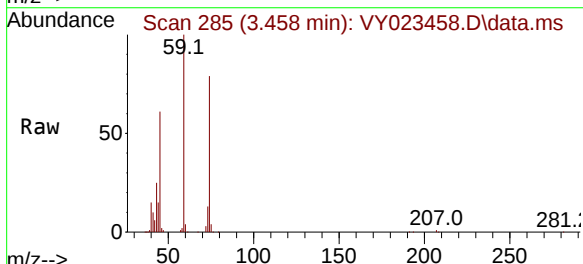
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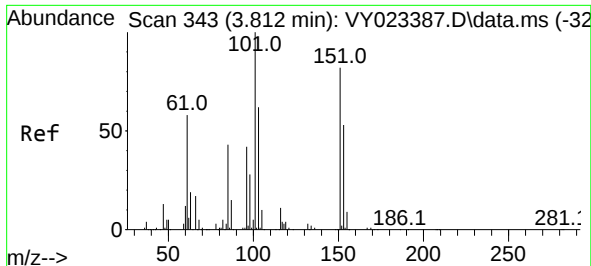
Tgt Ion:101 Resp: 190876
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.3 76.9



#8
 Diethyl Ether
 Concen: 18.055 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023458.D
 Acq: 14 Oct 2025 12:26

Tgt Ion: 74 Resp: 44496
 Ion Ratio Lower Upper
 74 100
 45 78.0 39.9 119.7

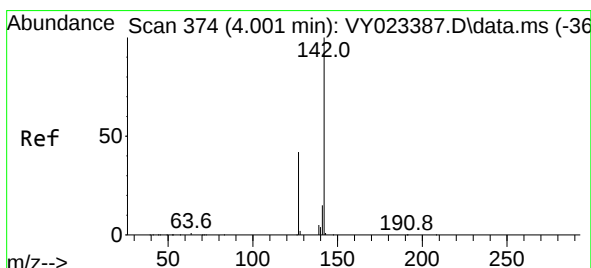
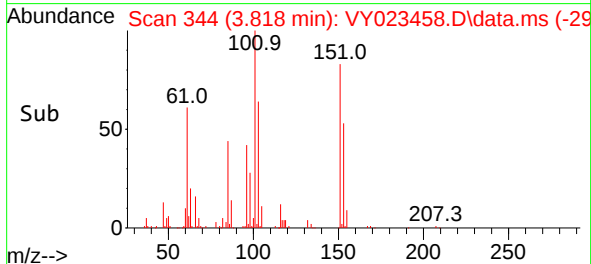
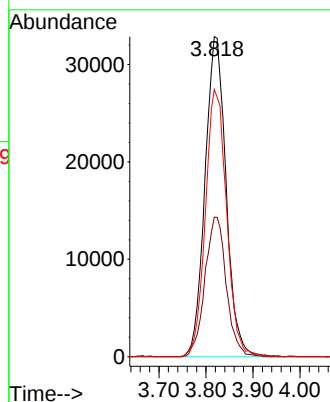
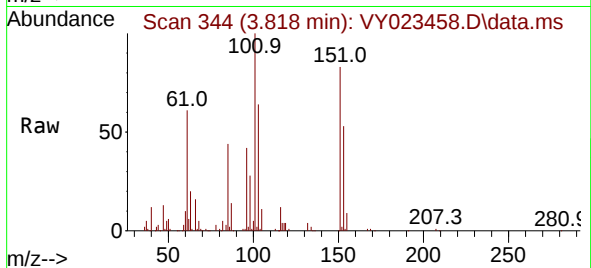




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.858 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

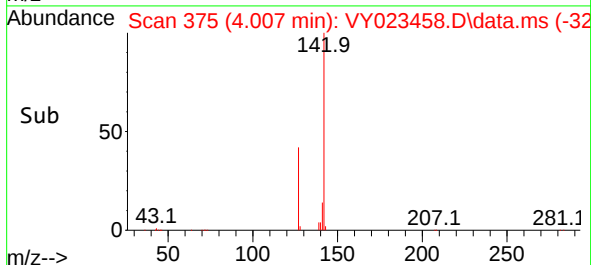
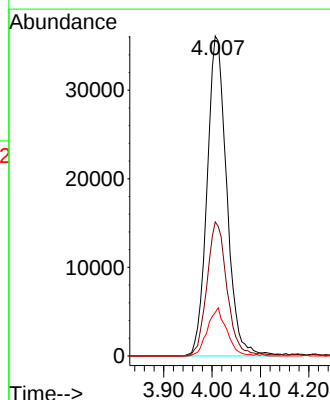
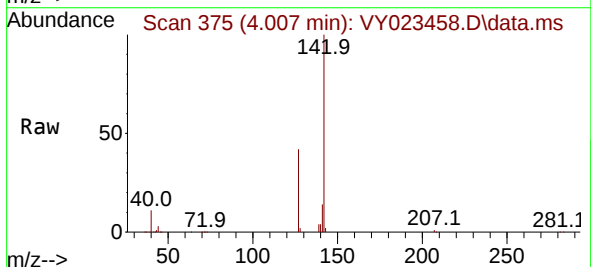
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Tgt Ion:101 Resp: 102081
Ion Ratio Lower Upper
101 100
85 44.3 34.6 51.8
151 84.2 67.0 100.6



#10
Methyl Iodide
Concen: 18.692 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion:142 Resp: 101843
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 83.688 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

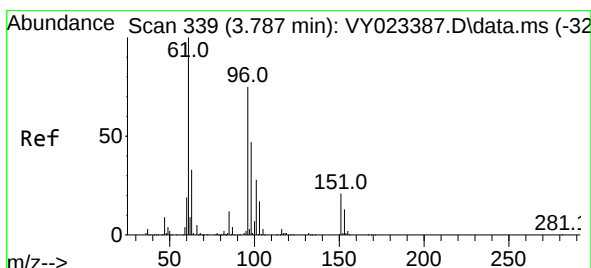
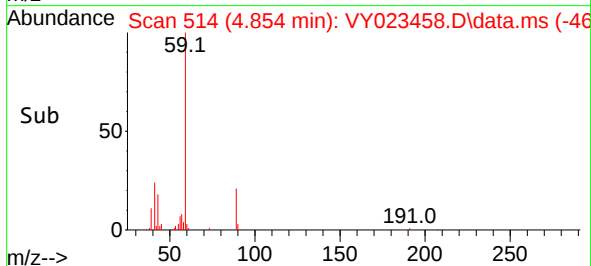
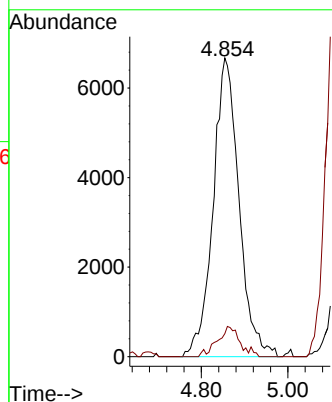
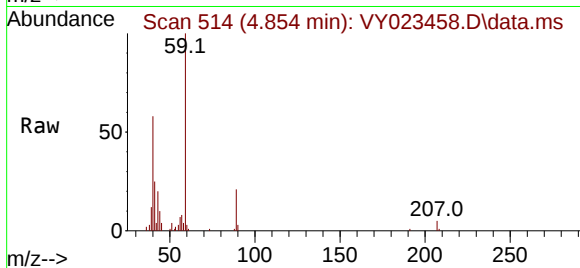
VY1014SBS01

Tgt Ion: 59 Resp: 27690

Ion Ratio Lower Upper

59 100

57 8.3 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 20.032 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

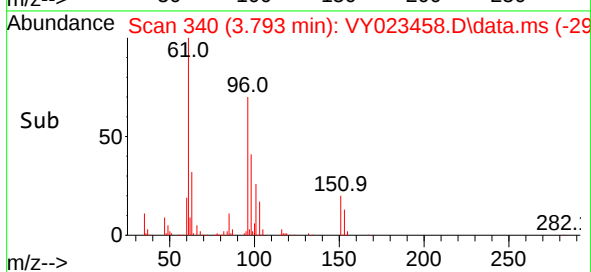
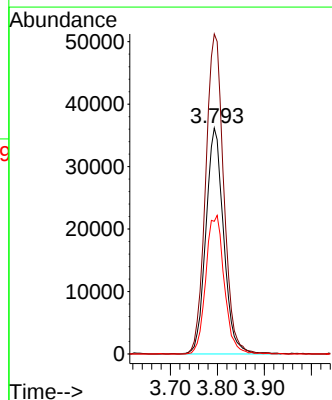
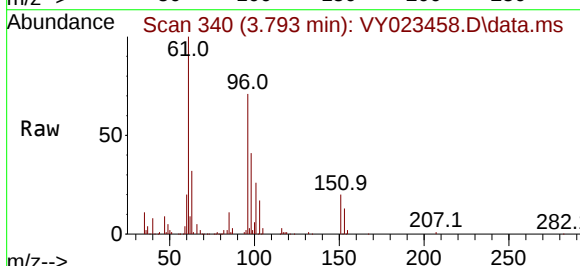
Tgt Ion: 96 Resp: 95039

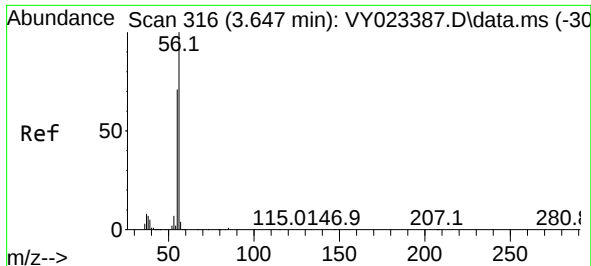
Ion Ratio Lower Upper

96 100

61 141.7 106.7 160.1

98 58.7 50.2 75.4





#13

Acrolein

Concen: 66.618 ug/l

RT: 3.659 min Scan# 316

Delta R.T. 0.012 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

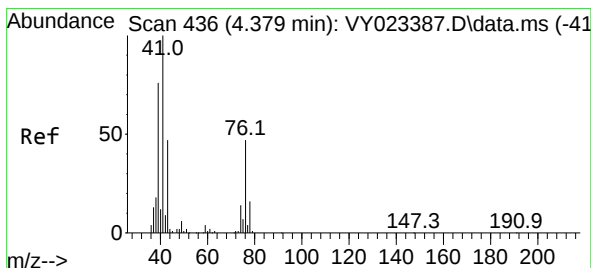
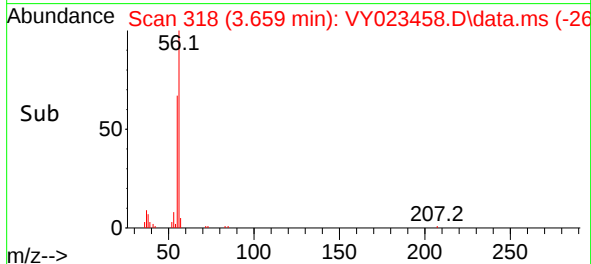
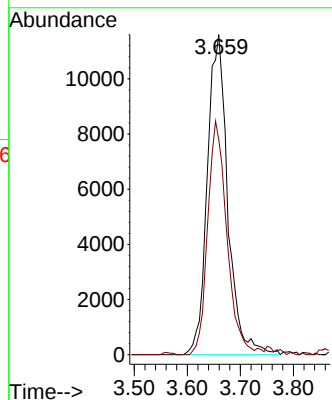
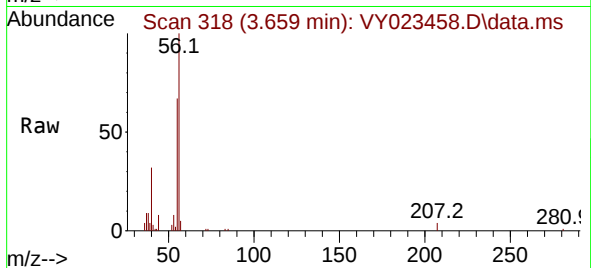
VY1014SBS01

Tgt Ion: 56 Resp: 31146

Ion Ratio Lower Upper

56 100

55 68.2 56.1 84.1



#14

Allyl chloride

Concen: 19.175 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

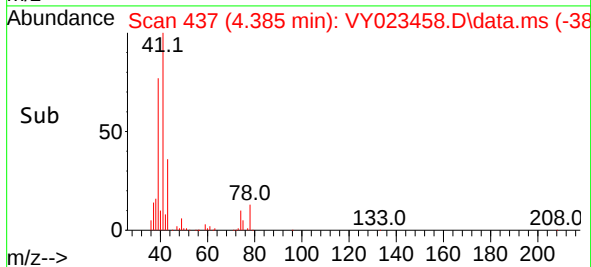
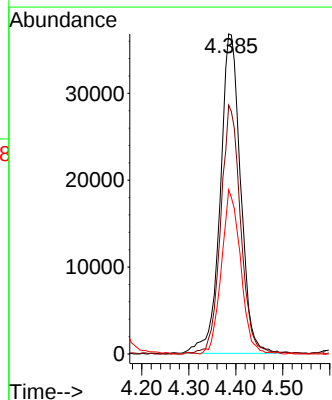
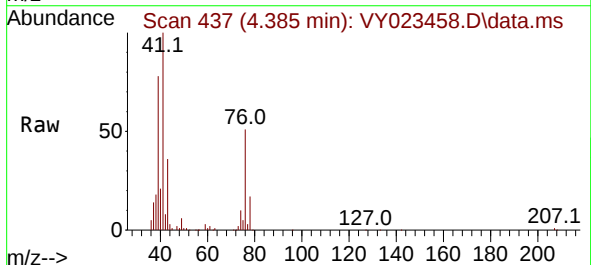
Tgt Ion: 41 Resp: 110873

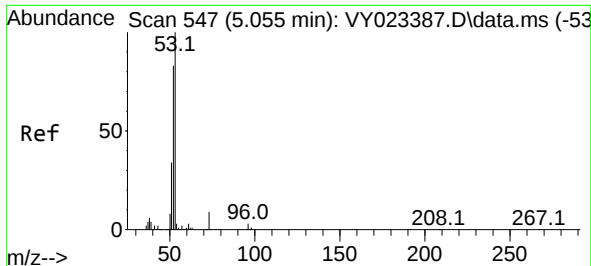
Ion Ratio Lower Upper

41 100

39 76.7 59.9 89.9

76 48.6 38.0 57.0

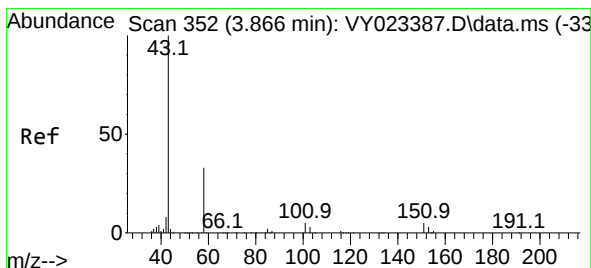
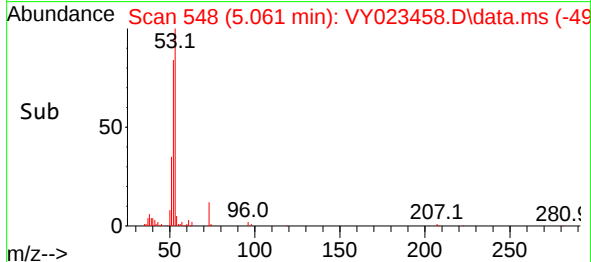
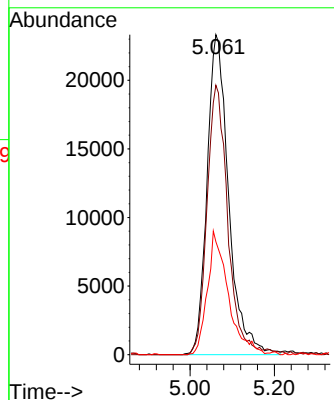
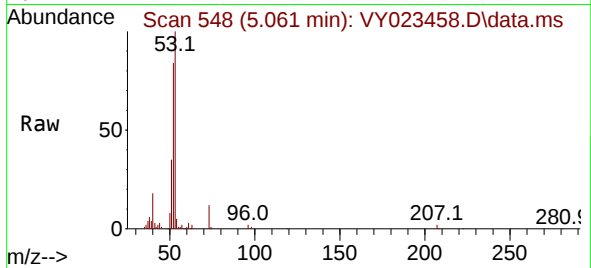




#15
Acrylonitrile
Concen: 88.033 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

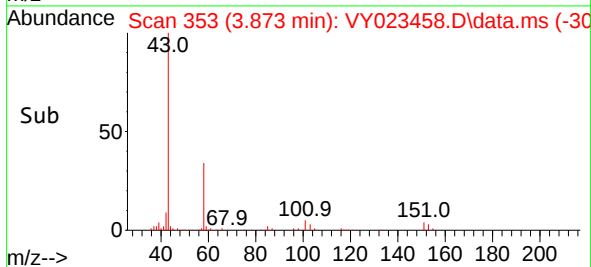
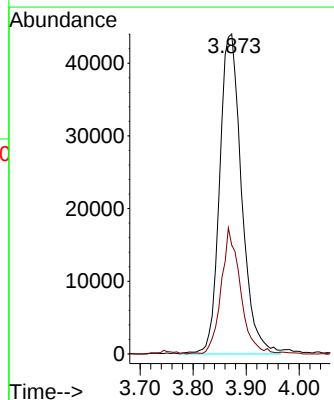
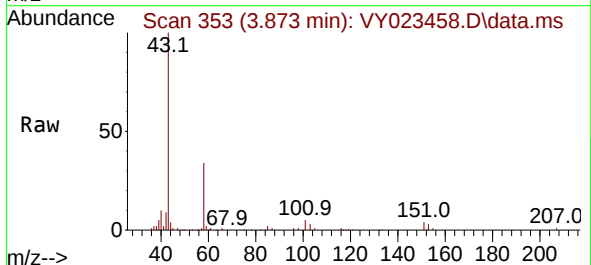
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

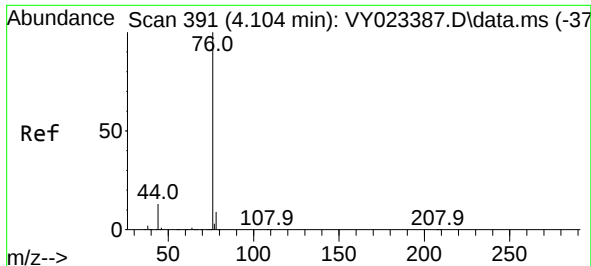
Tgt Ion: 53 Resp: 83029
Ion Ratio Lower Upper
53 100
52 80.5 64.6 97.0
51 37.2 29.5 44.3



#16
Acetone
Concen: 119.835 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 43 Resp: 126884
Ion Ratio Lower Upper
43 100
58 33.7 27.7 41.5

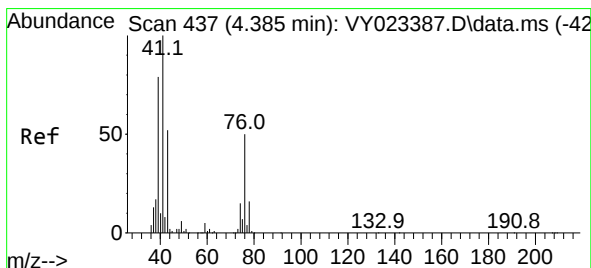
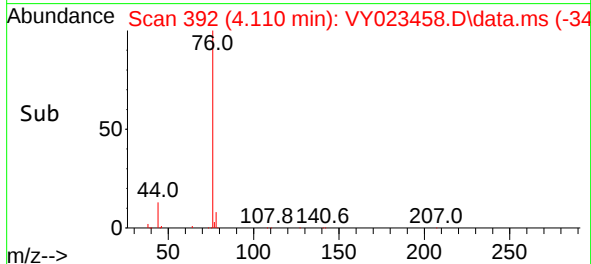
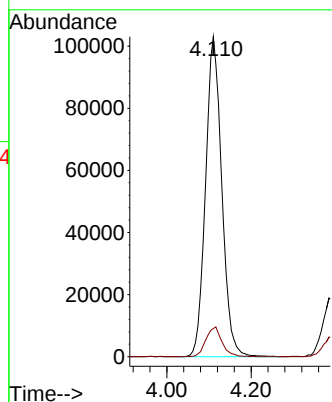
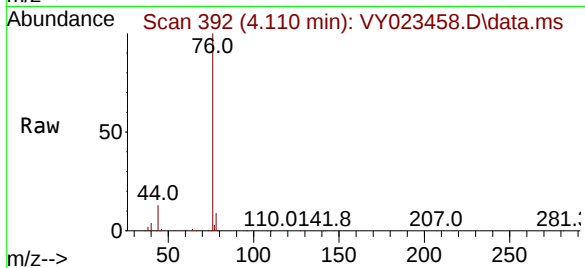




#17
Carbon Disulfide
Concen: 20.329 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

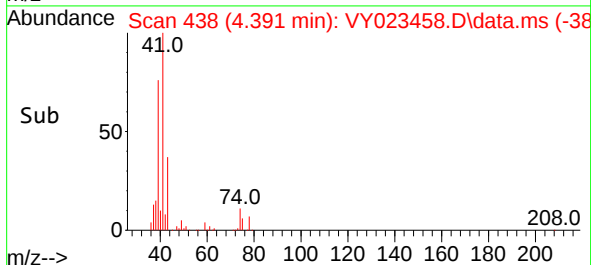
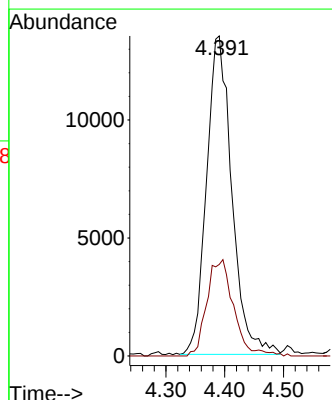
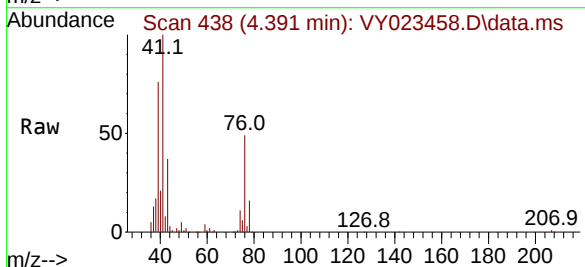
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion: 76 Resp: 276041
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 14.541 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 43 Resp: 40389
Ion Ratio Lower Upper
43 100
74 32.0 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 17.820 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

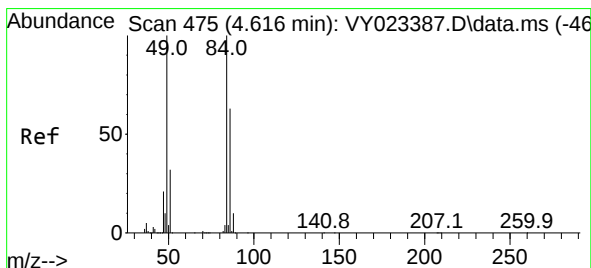
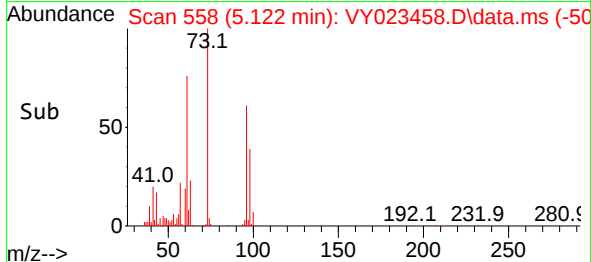
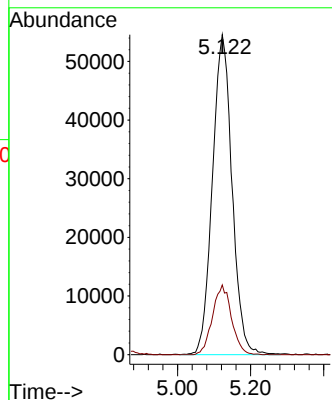
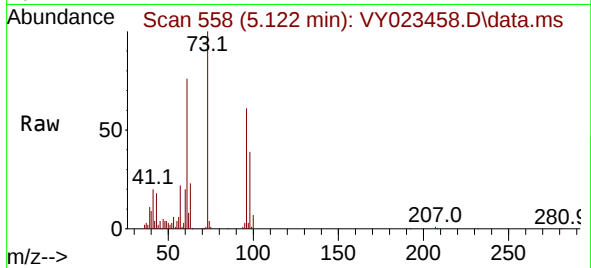
VY1014SBS01

Tgt Ion: 73 Resp: 203201

Ion Ratio Lower Upper

73 100

57 21.8 17.4 26.0



#20

Methylene Chloride

Concen: 19.212 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Tgt Ion: 84 Resp: 109997

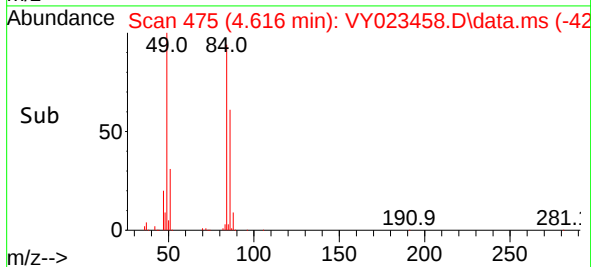
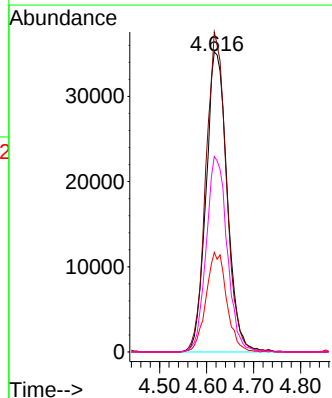
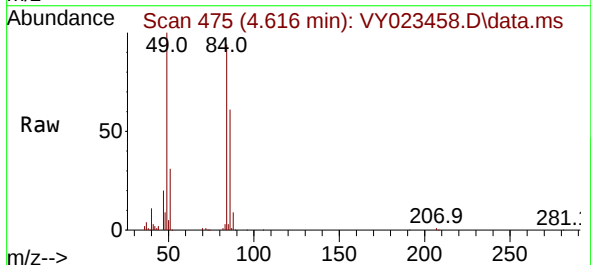
Ion Ratio Lower Upper

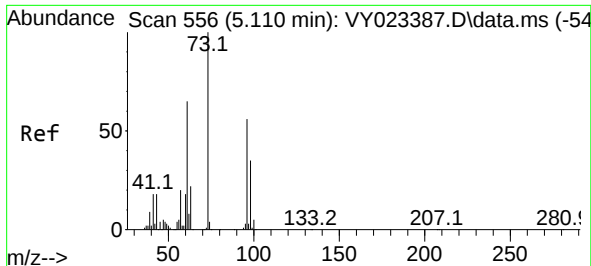
84 100

49 106.7 80.2 120.4

51 33.2 25.9 38.9

86 65.2 50.6 75.8

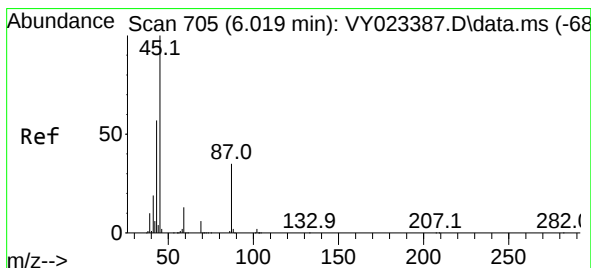
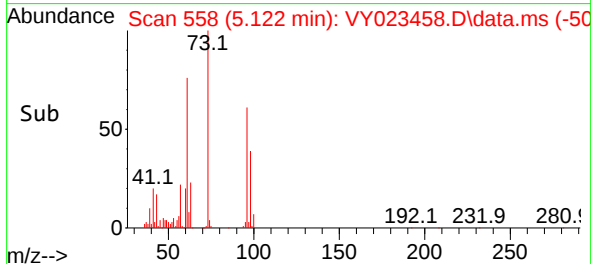
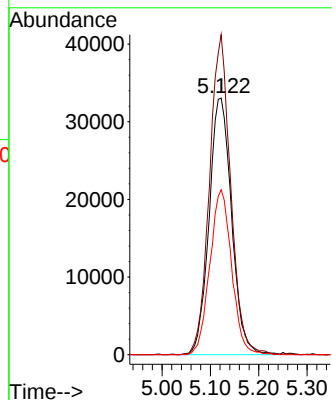
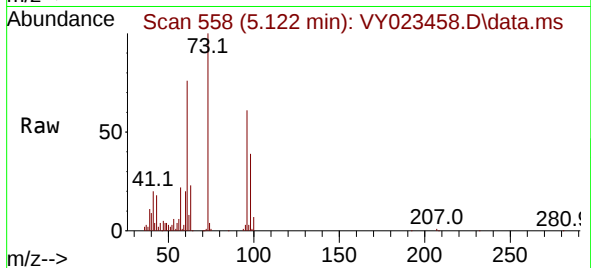




#21
trans-1,2-Dichloroethene
Concen: 20.480 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

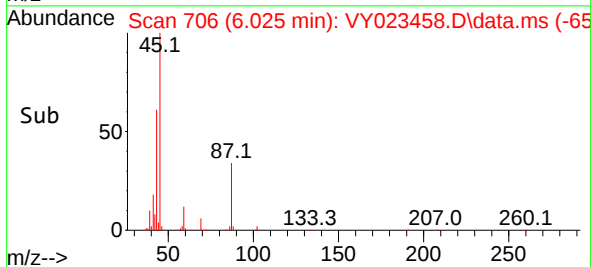
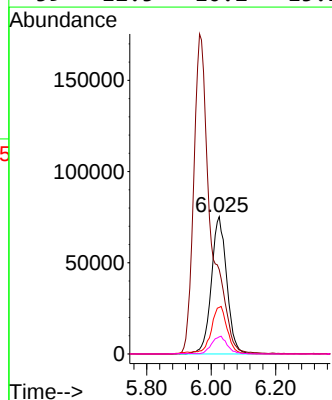
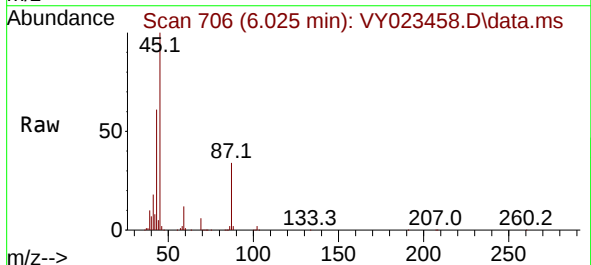
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion: 96 Resp: 106974
Ion Ratio Lower Upper
96 100
61 124.7 92.7 139.1
98 64.3 49.7 74.5



#22
Diisopropyl ether
Concen: 19.559 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 45 Resp: 250156
Ion Ratio Lower Upper
45 100
43 61.1 45.6 68.4
87 34.0 28.1 42.1
59 12.5 10.2 15.2

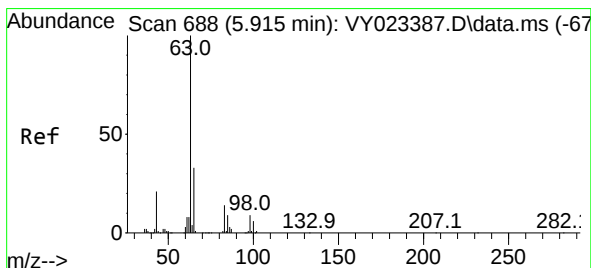
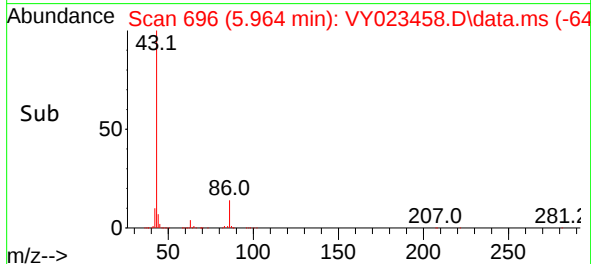
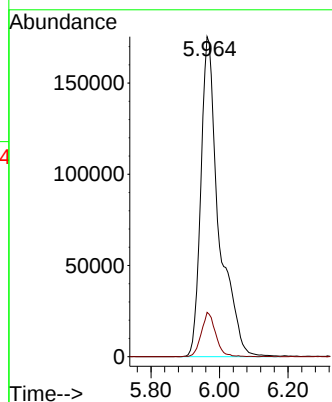
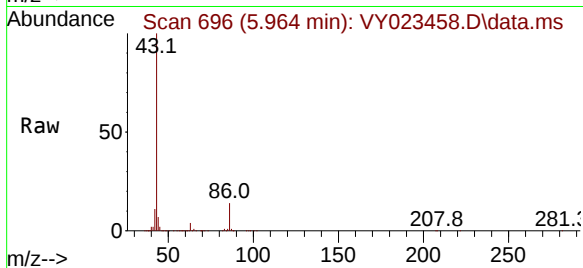




#23
 Vinyl Acetate
 Concen: 92.837 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023458.D
 Acq: 14 Oct 2025 12:26

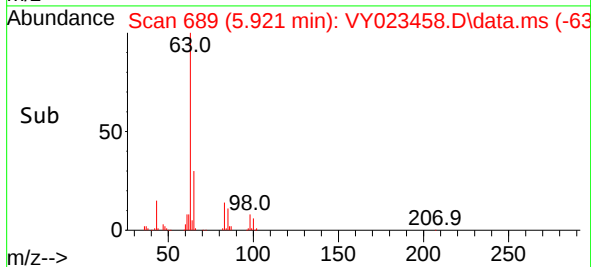
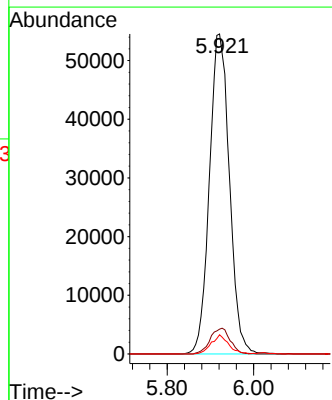
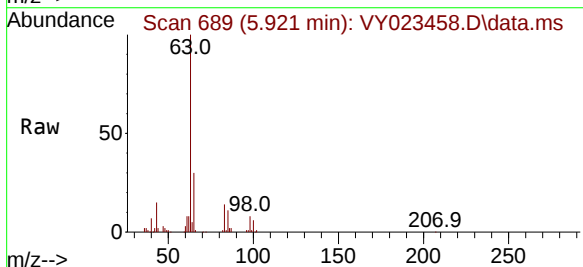
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

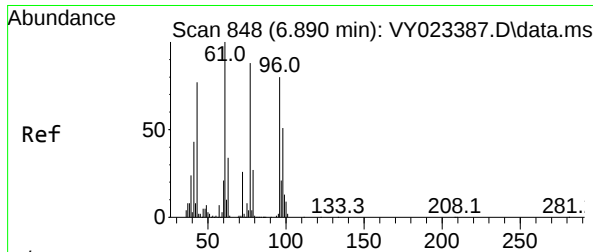
Tgt Ion: 43 Resp: 642693
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.648 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023458.D
 Acq: 14 Oct 2025 12:26

Tgt Ion: 63 Resp: 174934
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 13.1
 100 6.0 2.8 8.4

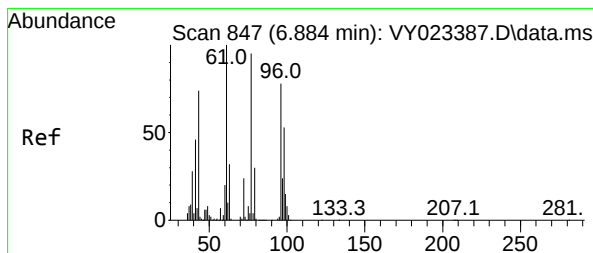
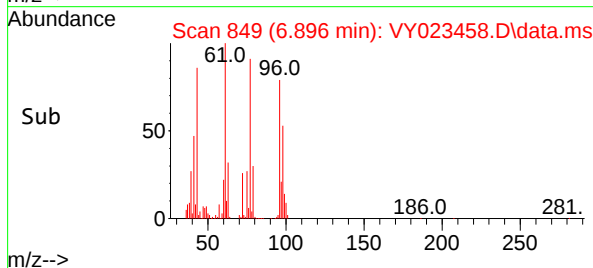
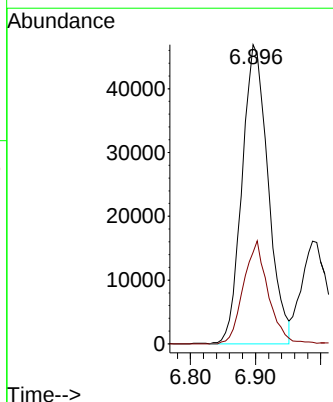
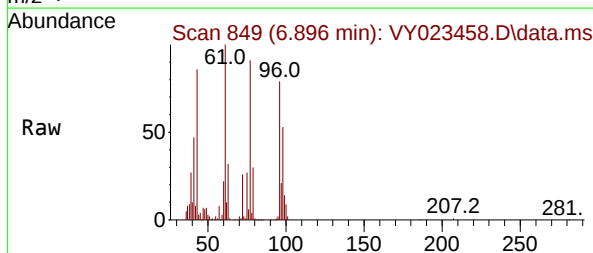




#25
2-Butanone
Concen: 101.117 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

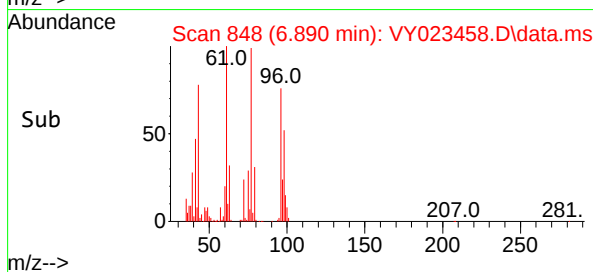
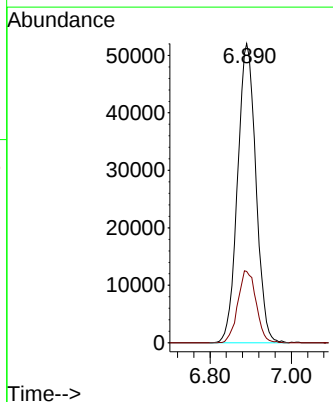
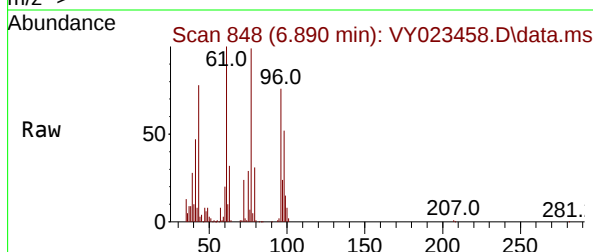
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

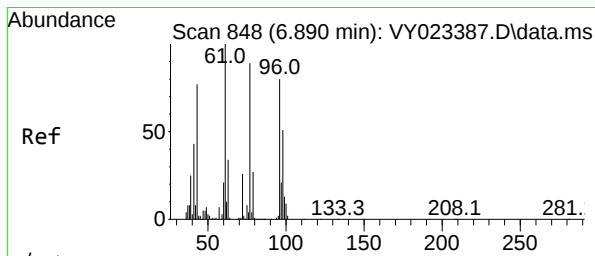
Tgt Ion: 43 Resp: 130709
Ion Ratio Lower Upper
43 100
72 30.6 27.4 41.2



#26
2,2-Dichloropropane
Concen: 20.901 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 77 Resp: 162480
Ion Ratio Lower Upper
77 100
97 24.1 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 19.916 ug/l

RT: 6.896 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

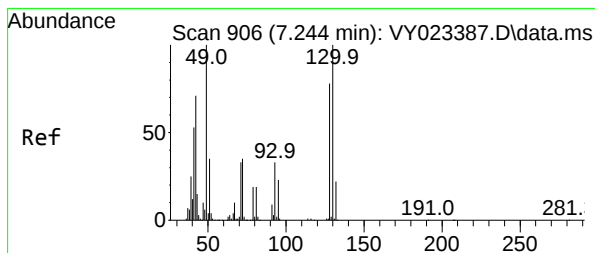
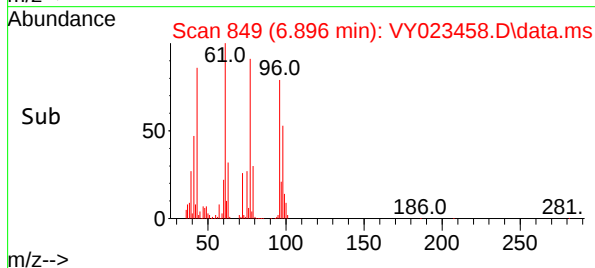
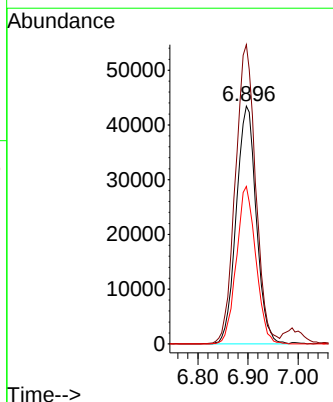
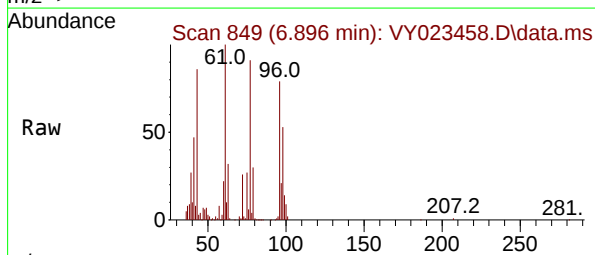
Tgt Ion: 96 Resp: 120168

Ion Ratio Lower Upper

96 100

61 127.8 0.0 258.2

98 64.3 0.0 132.0



#28

Bromochloromethane

Concen: 20.385 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

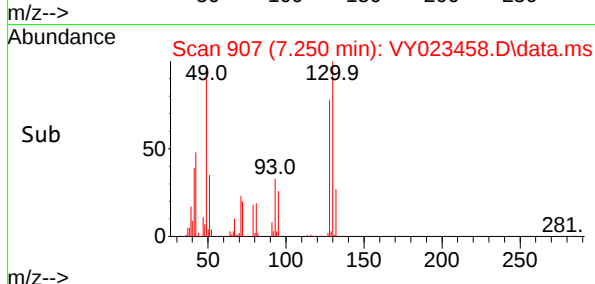
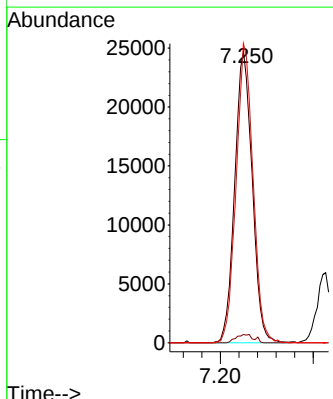
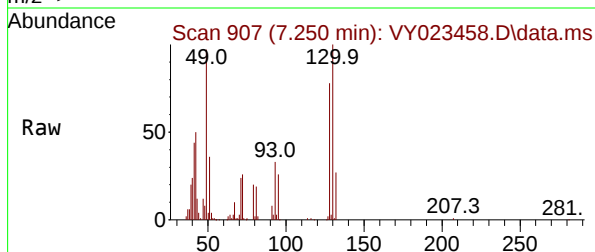
Tgt Ion: 49 Resp: 64471

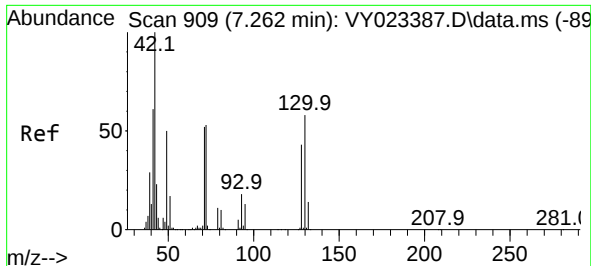
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.6

130 99.5 81.9 122.9

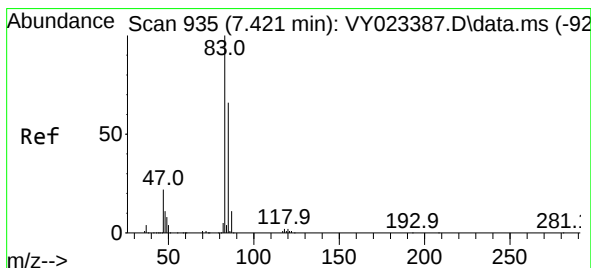
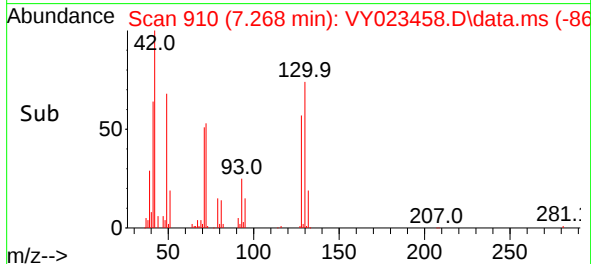
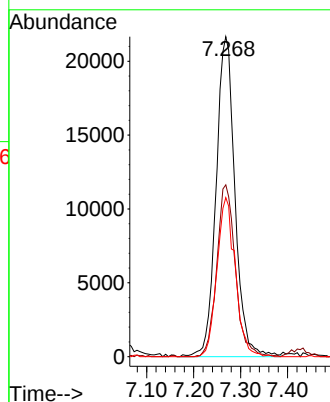
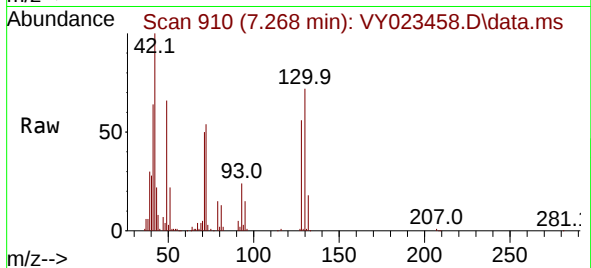




#29
Tetrahydrofuran
Concen: 82.574 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

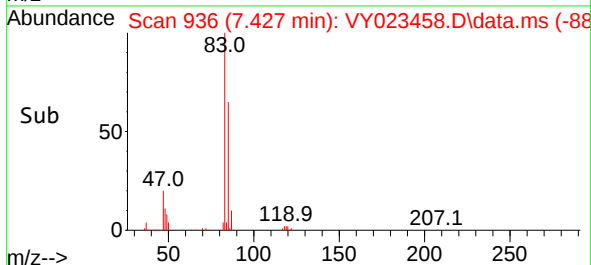
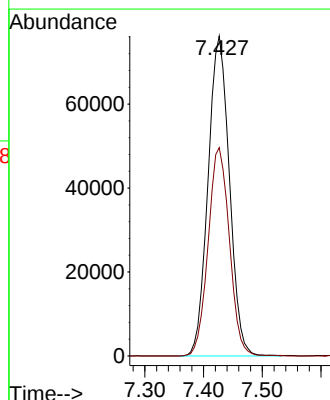
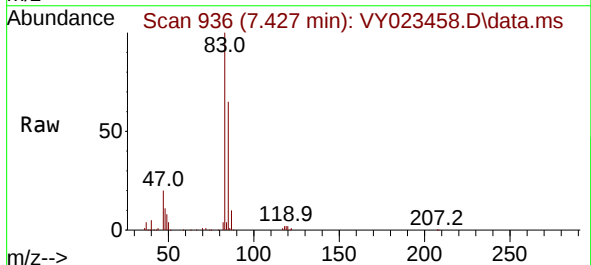
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion: 42 Resp: 60529
Ion Ratio Lower Upper
42 100
72 52.8 43.0 64.6
71 48.2 40.1 60.1



#30
Chloroform
Concen: 20.645 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 83 Resp: 192163
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7

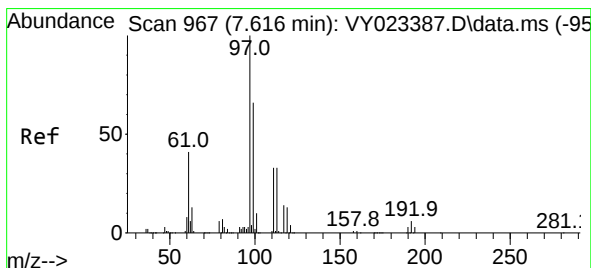
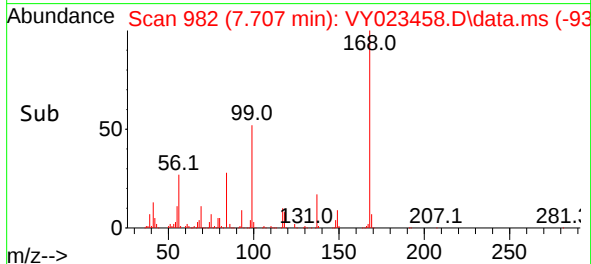
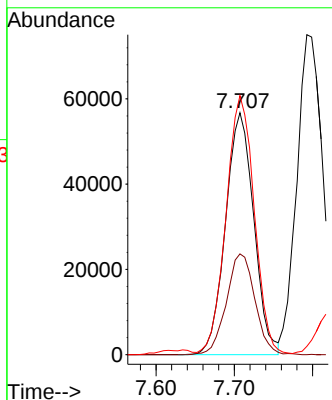
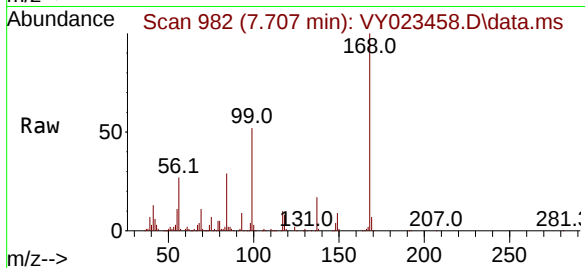




#31
Cyclohexane
Concen: 19.268 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

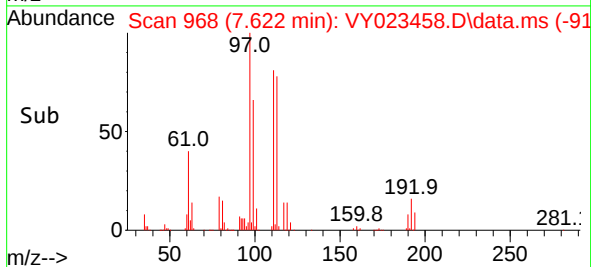
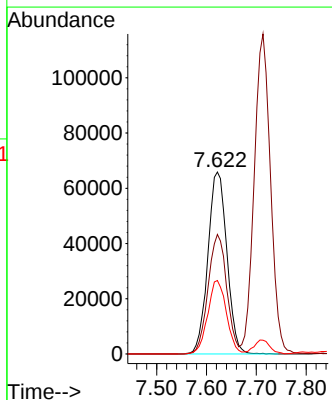
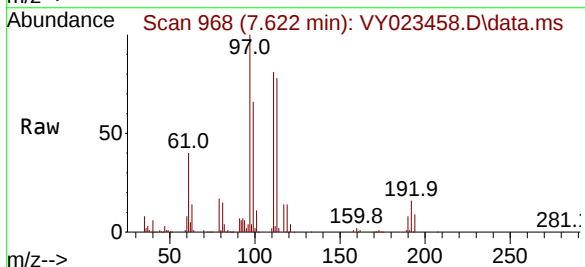
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion: 56 Resp: 142556
Ion Ratio Lower Upper
56 100
69 41.7 30.0 45.0
84 105.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.635 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 97 Resp: 174548
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 39.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.161 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

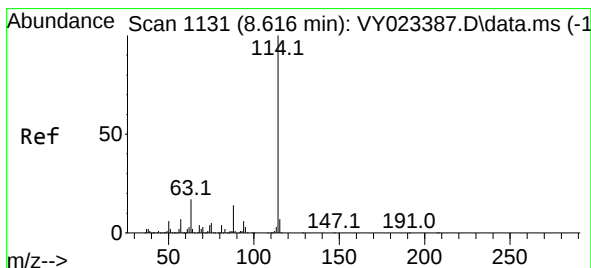
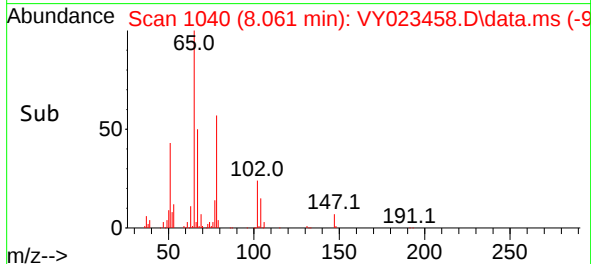
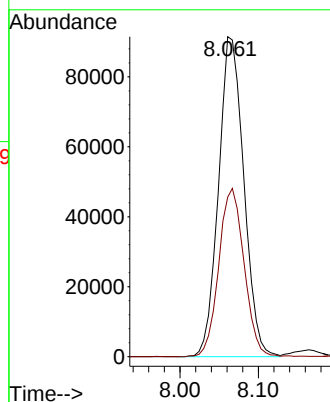
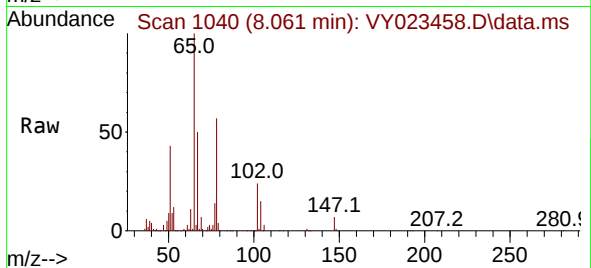
VY1014SBS01

Tgt Ion: 65 Resp: 205302

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

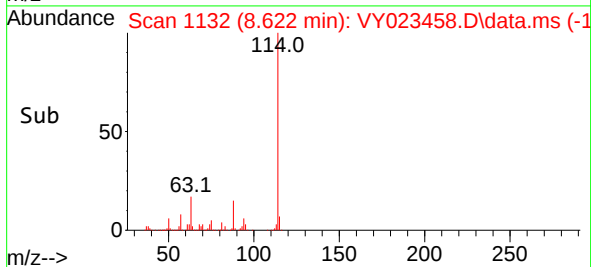
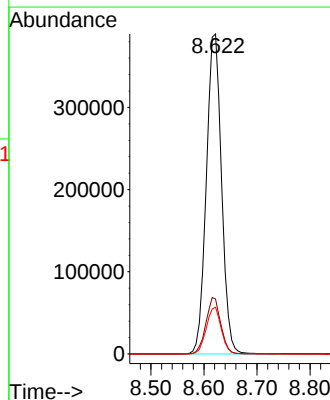
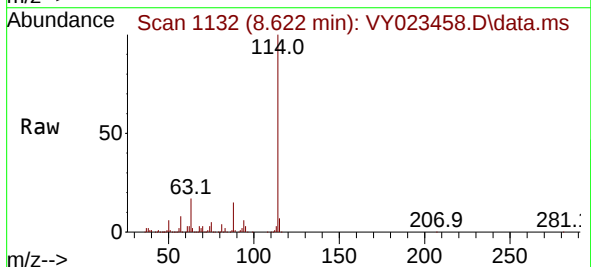
Tgt Ion:114 Resp: 775568

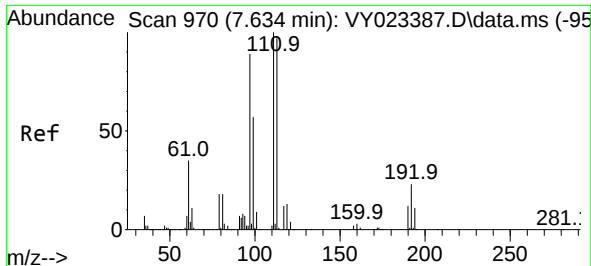
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.2

88 14.6 0.0 28.4

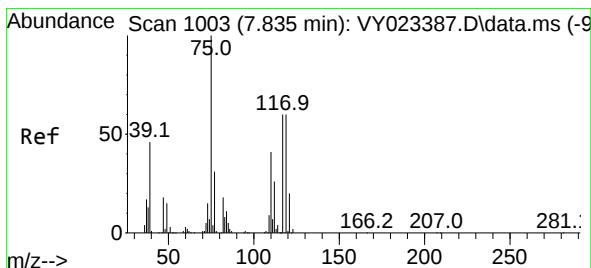
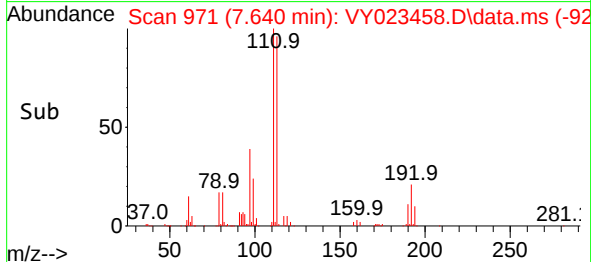
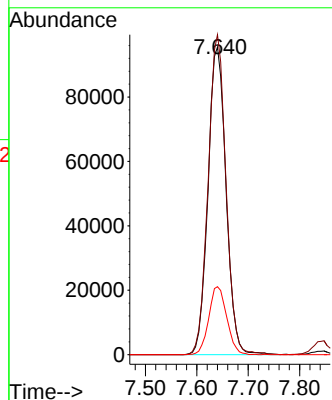
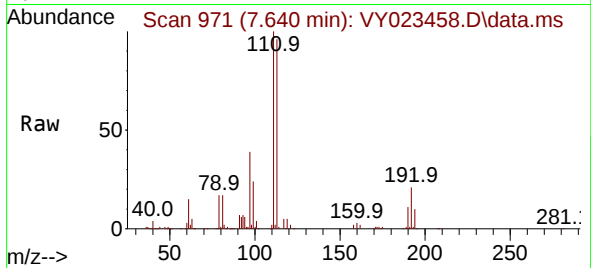




#35
Dibromofluoromethane
Concen: 48.924 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

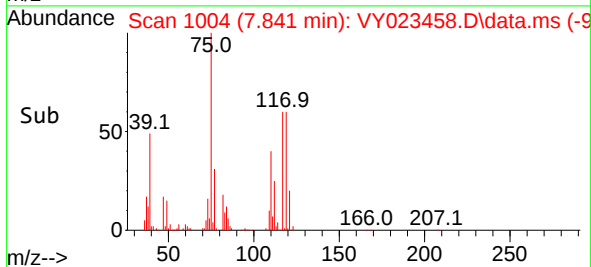
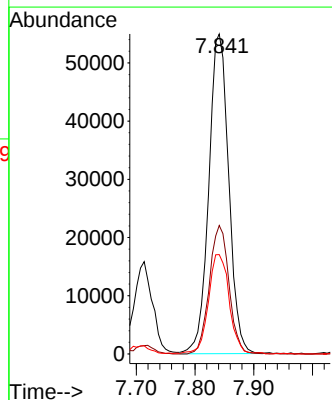
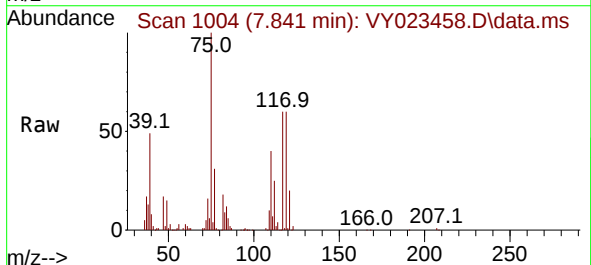
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

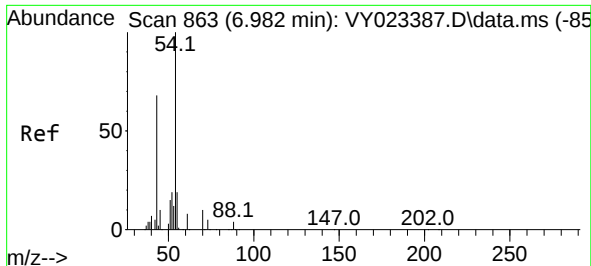
Tgt Ion:113 Resp: 233146
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 22.1 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.516 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 75 Resp: 129434
Ion Ratio Lower Upper
75 100
110 39.7 19.9 59.7
77 32.6 25.0 37.6

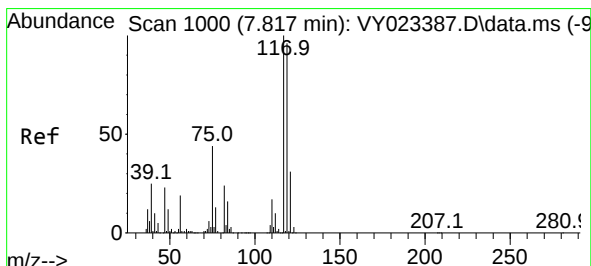
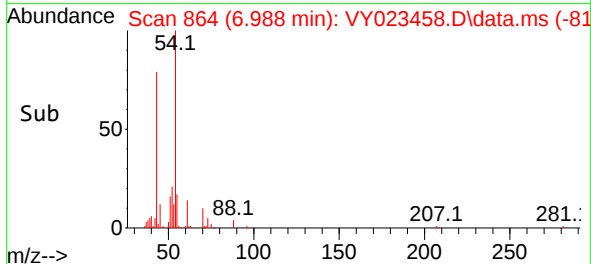
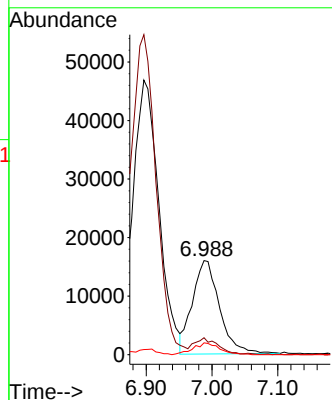
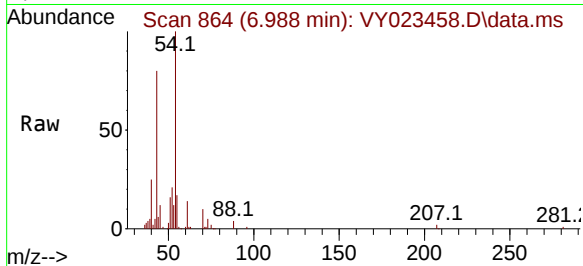




#37
Ethyl Acetate
Concen: 18.247 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

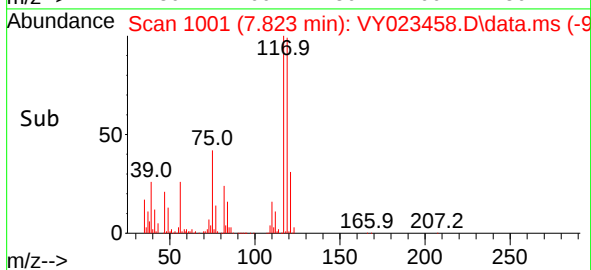
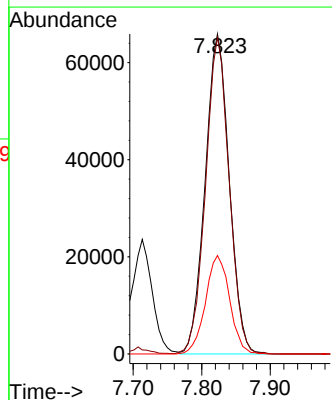
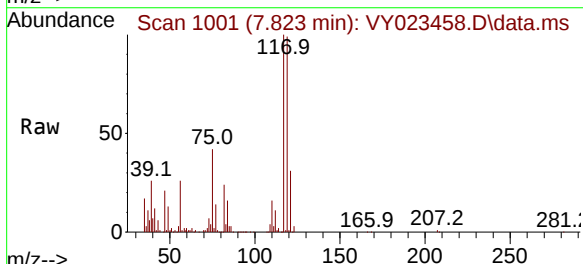
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion: 43 Resp: 45608
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.8
70 12.3 10.5 15.7



#38
Carbon Tetrachloride
Concen: 21.080 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 117 Resp: 161260
Ion Ratio Lower Upper
117 100
119 99.0 76.8 115.2
121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 19.757 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

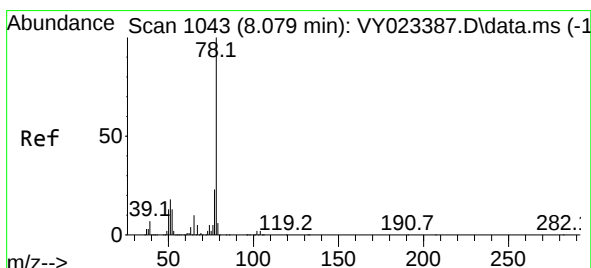
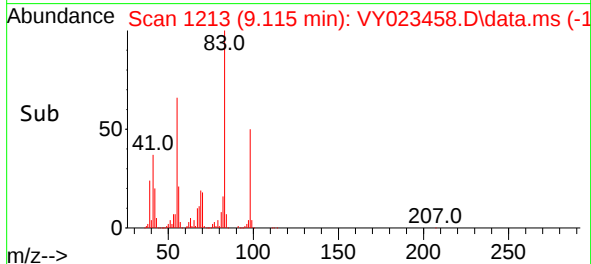
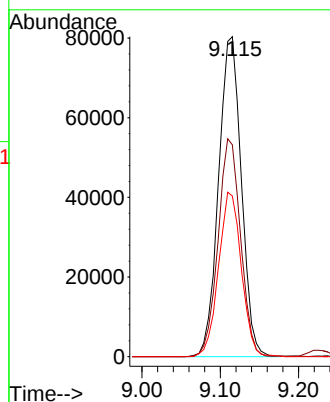
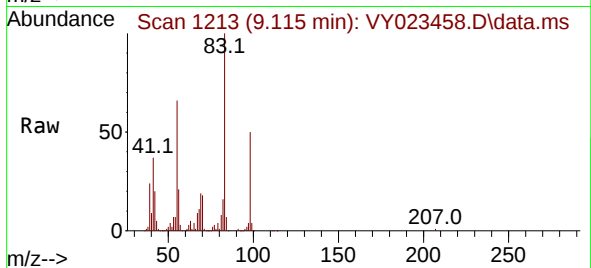
Tgt Ion: 83 Resp: 162294

Ion Ratio Lower Upper

83 100

55 66.2 51.4 77.2

98 50.2 40.4 60.6



#40

Benzene

Concen: 20.733 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023458.D

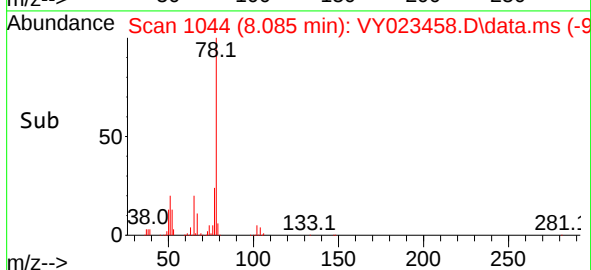
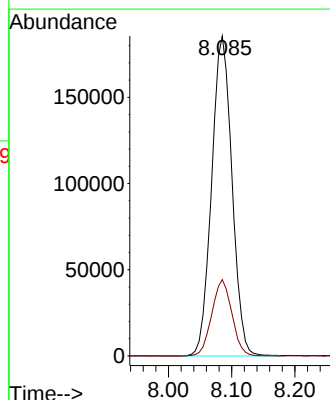
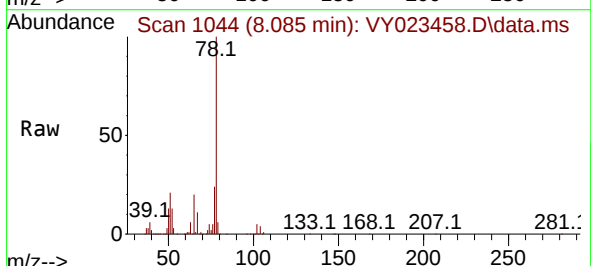
Acq: 14 Oct 2025 12:26

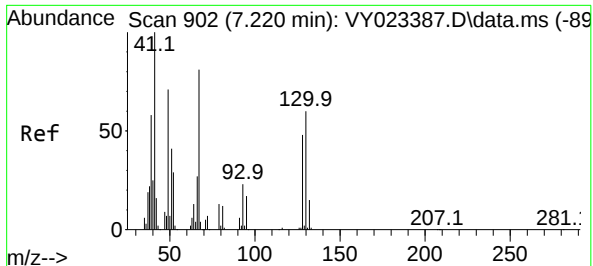
Tgt Ion: 78 Resp: 414247

Ion Ratio Lower Upper

78 100

77 23.8 18.3 27.5



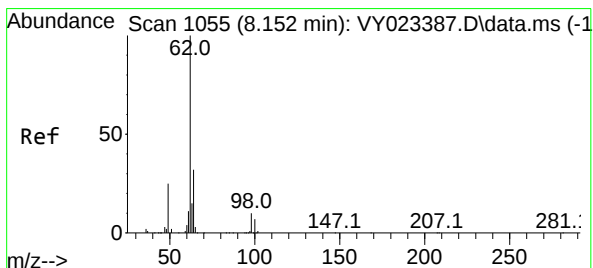
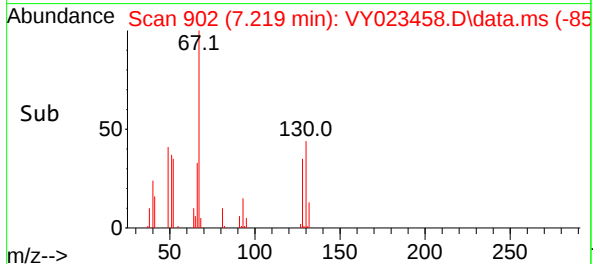
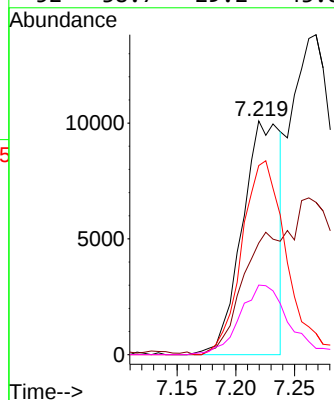
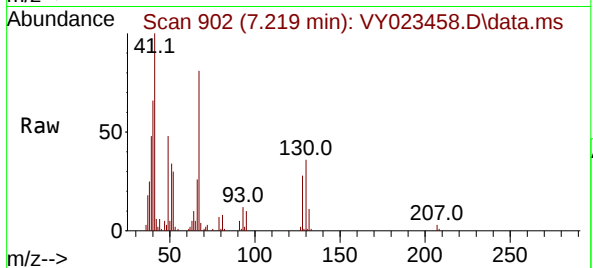


#41
Methacrylonitrile
Concen: 16.870 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion: 41 Resp: 22805

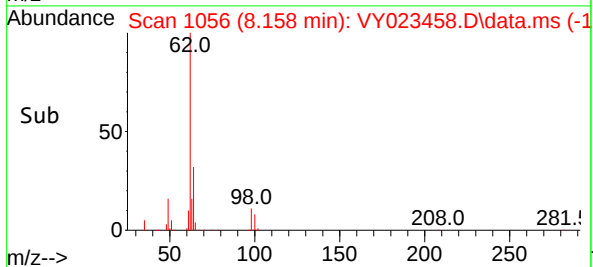
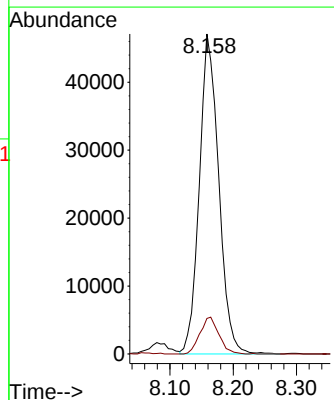
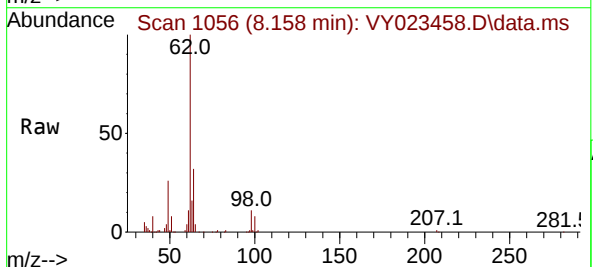
Ion	Ratio	Lower	Upper
41	100		
39	52.4	52.2	78.4
67	97.5	74.9	112.3
52	38.7	29.2	43.8

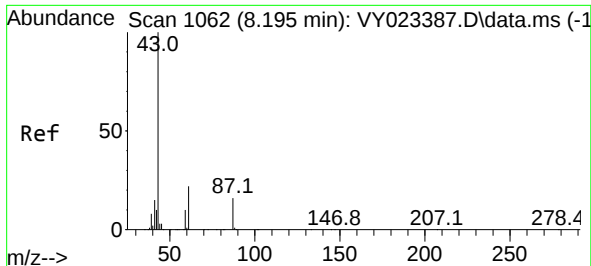


#42
1,2-Dichloroethane
Concen: 19.536 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 62 Resp: 100669

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.6

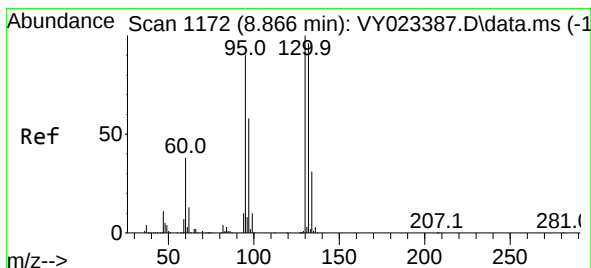
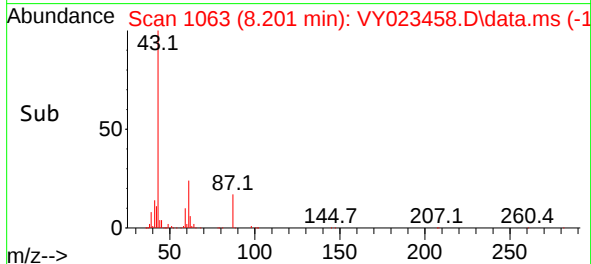
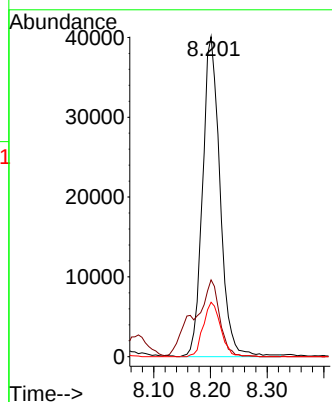
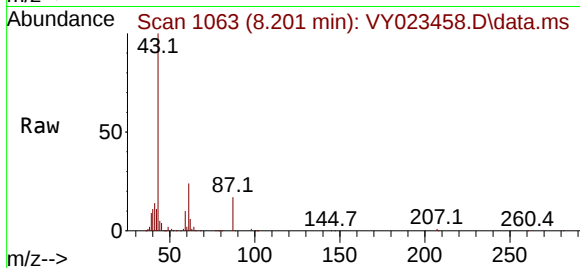




#43
Isopropyl Acetate
Concen: 17.226 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

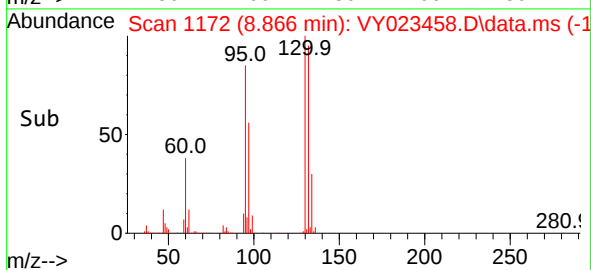
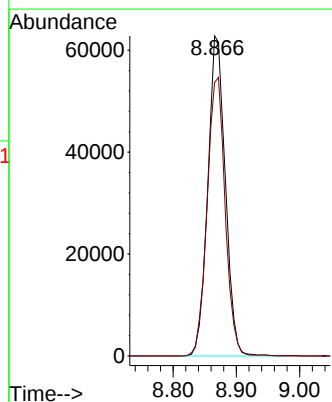
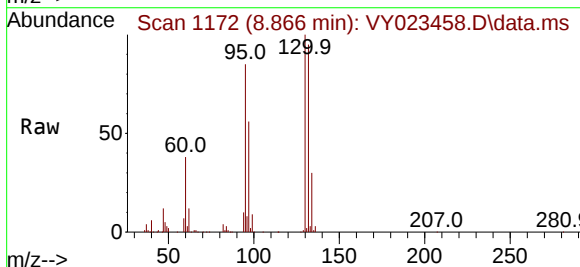
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tgt Ion: 43 Resp: 85853
Ion Ratio Lower Upper
43 100
61 22.9 18.1 27.1
87 17.1 13.5 20.3



#44
Trichloroethene
Concen: 20.702 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion:130 Resp: 121064
Ion Ratio Lower Upper
130 100
95 85.4 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.522 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

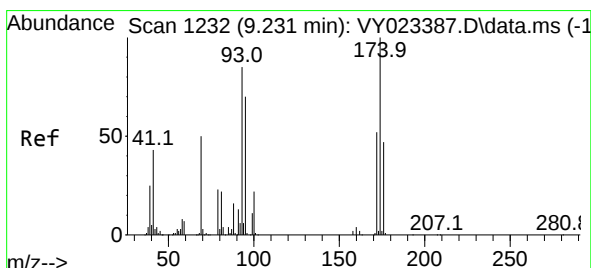
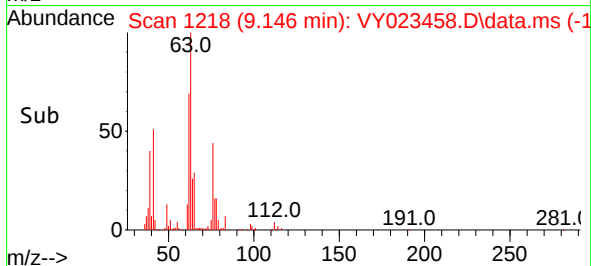
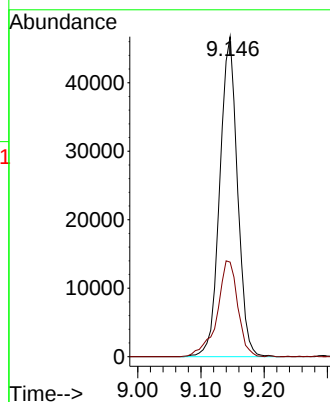
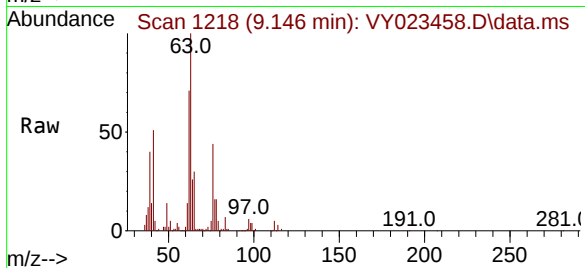
VY1014SBS01

Tgt Ion: 63 Resp: 90566

Ion Ratio Lower Upper

63 100

65 29.5 24.9 37.3



#46

Dibromomethane

Concen: 19.528 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

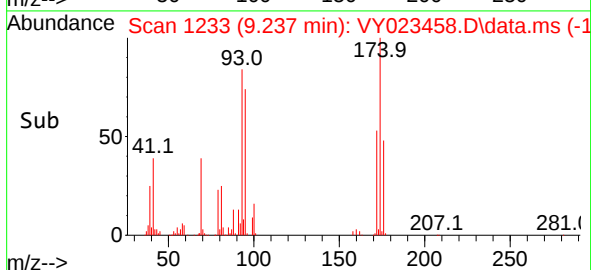
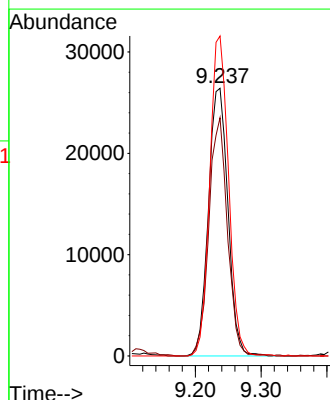
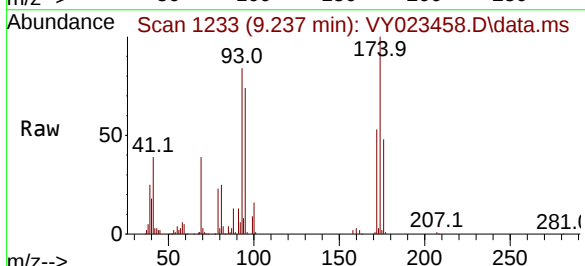
Tgt Ion: 93 Resp: 54495

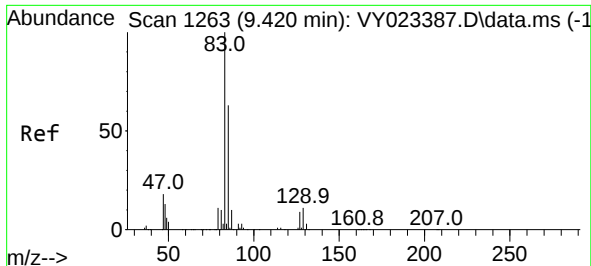
Ion Ratio Lower Upper

93 100

95 84.6 65.4 98.0

174 114.9 92.9 139.3





#47

Bromodichloromethane

Concen: 20.161 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

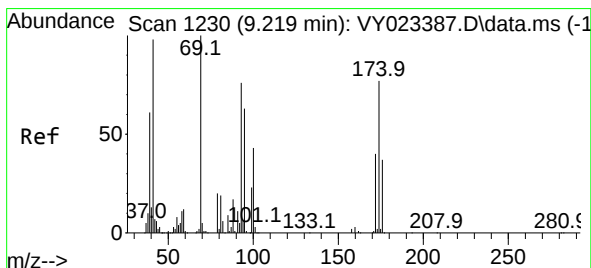
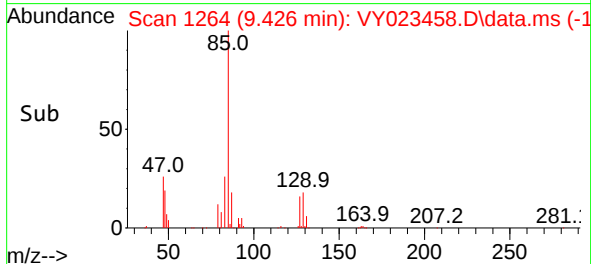
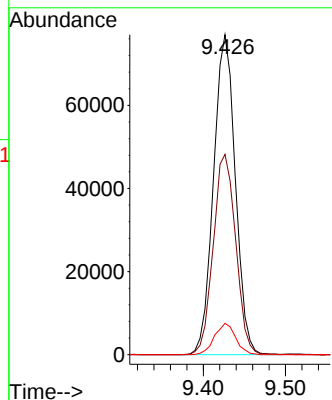
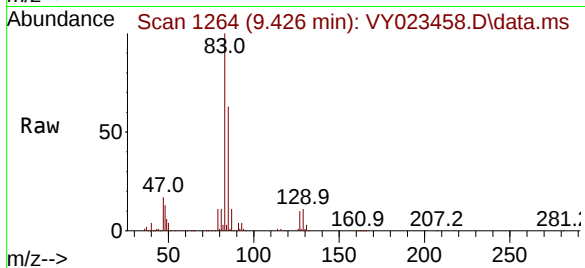
Tgt Ion: 83 Resp: 141692

Ion Ratio Lower Upper

83 100

85 62.6 50.8 76.2

127 9.8 7.4 11.2



#48

Methyl methacrylate

Concen: 16.524 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

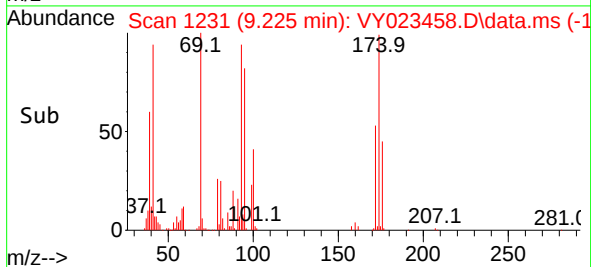
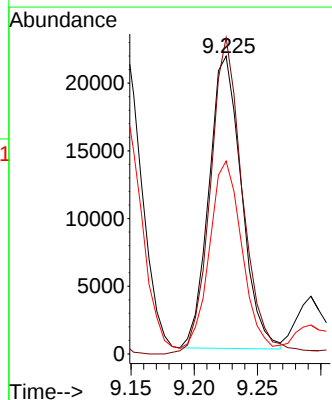
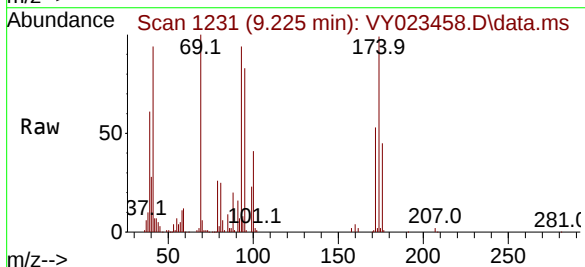
Tgt Ion: 41 Resp: 38689

Ion Ratio Lower Upper

41 100

69 108.5 81.0 121.4

39 63.2 48.2 72.4





#49

1,4-Dioxane

Concen: 329.197 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

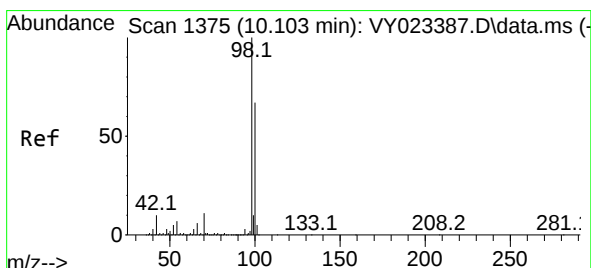
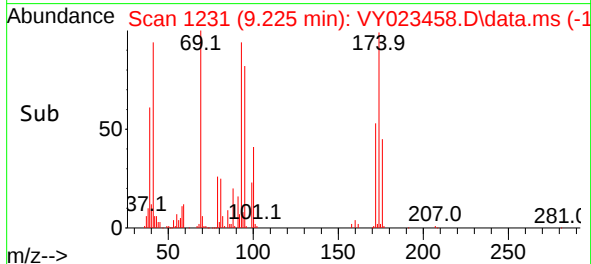
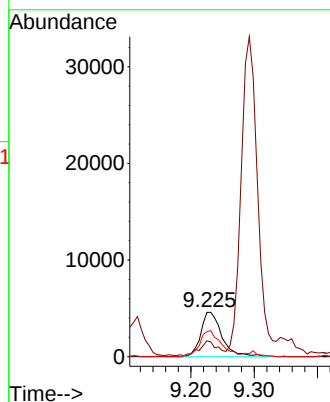
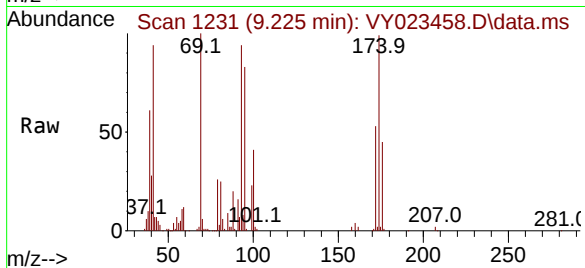
Tgt Ion: 88 Resp: 10651

Ion Ratio Lower Upper

88 100

43 29.0 21.8 32.8

58 59.7 46.8 70.2



#50

Toluene-d8

Concen: 49.271 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023458.D

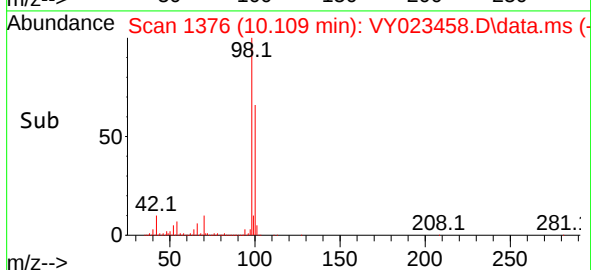
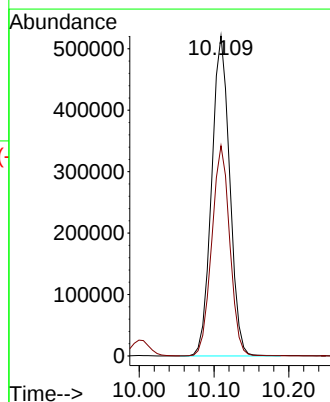
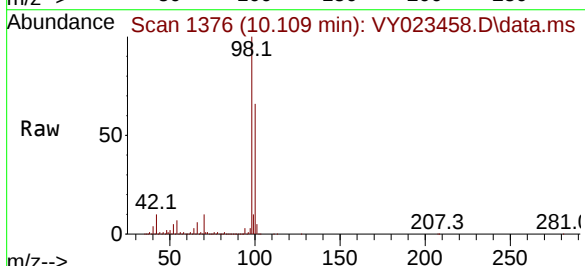
Acq: 14 Oct 2025 12:26

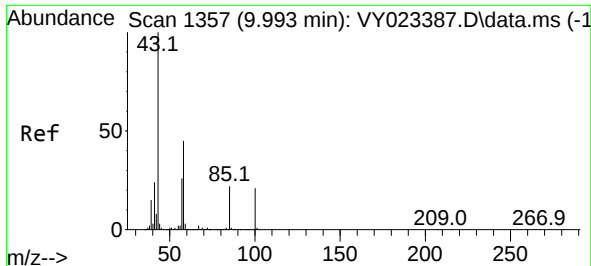
Tgt Ion: 98 Resp: 874418

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4

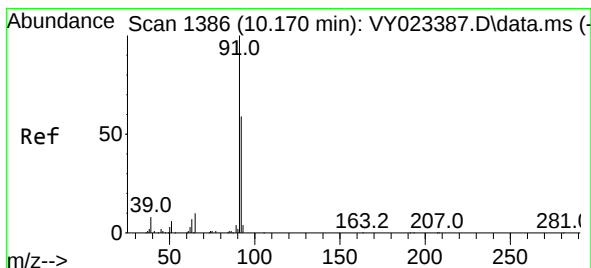
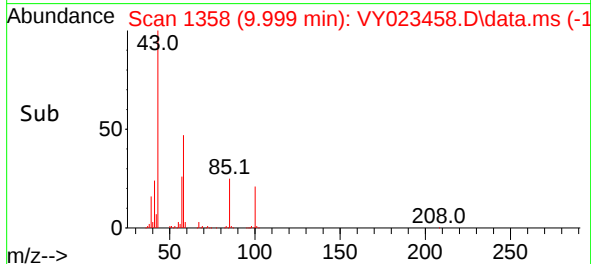
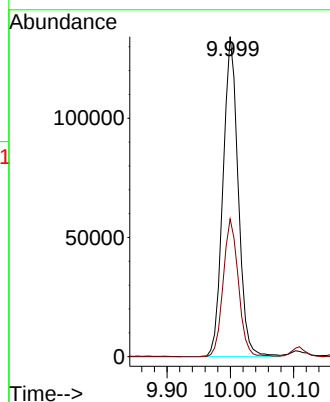
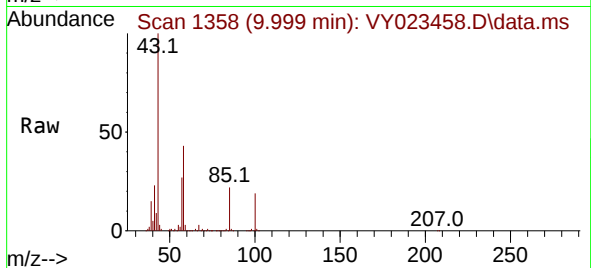




#51
4-Methyl-2-Pentanone
Concen: 86.835 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

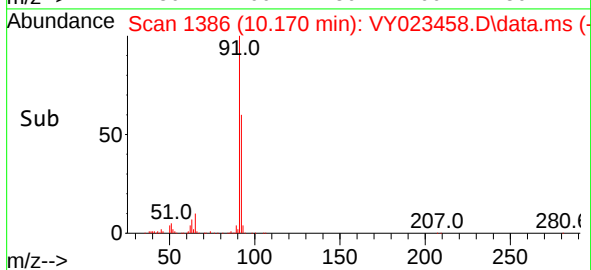
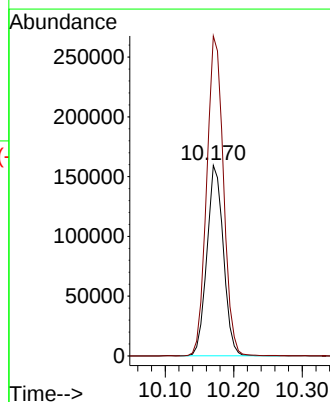
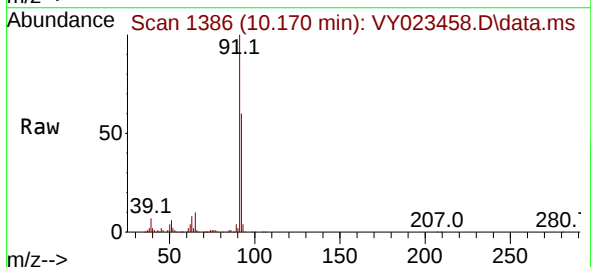
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

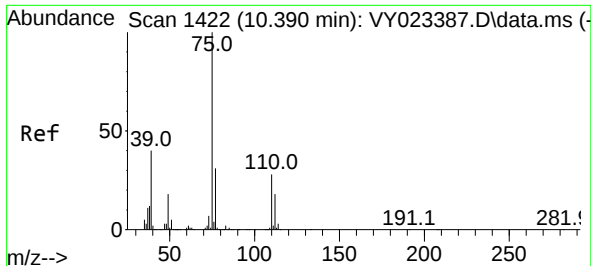
Tgt Ion: 43 Resp: 223605
Ion Ratio Lower Upper
43 100
58 43.1 35.3 52.9



#52
Toluene
Concen: 20.554 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 92 Resp: 266643
Ion Ratio Lower Upper
92 100
91 170.8 136.4 204.6

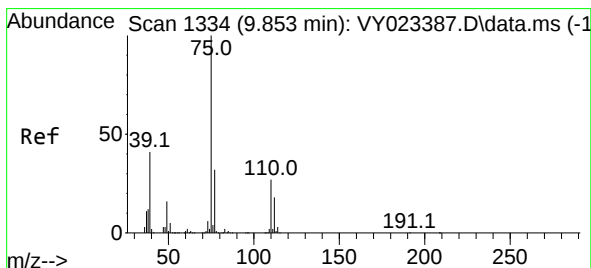
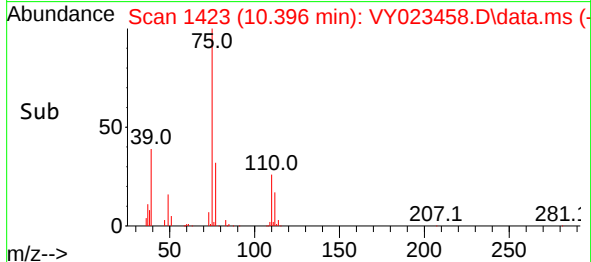
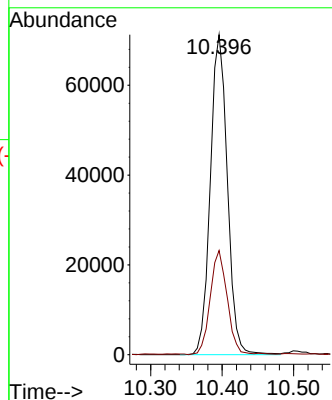
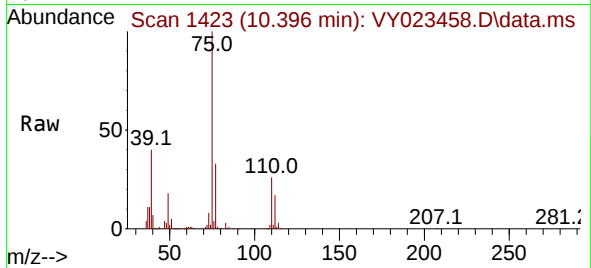




#53
 t-1,3-Dichloropropene
 Concen: 19.313 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023458.D
 Acq: 14 Oct 2025 12:26

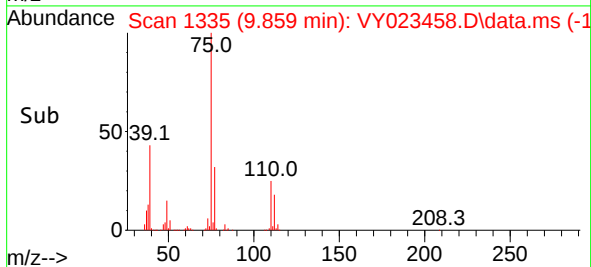
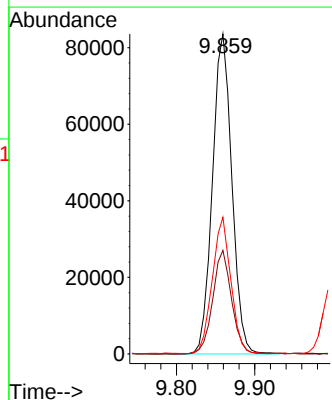
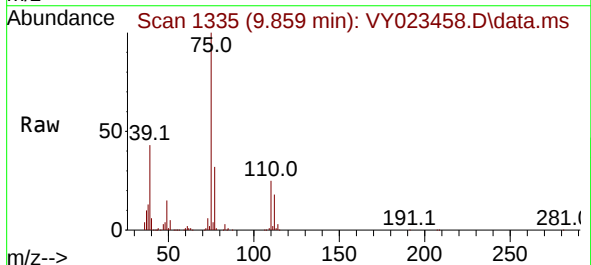
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

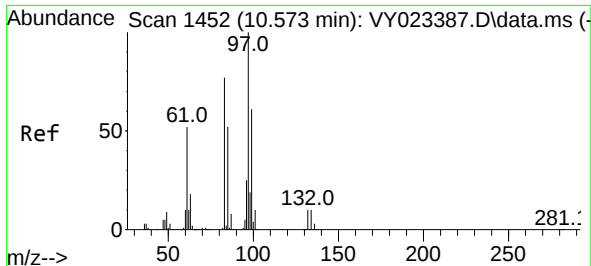
Tgt Ion: 75 Resp: 118025
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.951 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023458.D
 Acq: 14 Oct 2025 12:26

Tgt Ion: 75 Resp: 143895
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 42.6 32.8 49.2

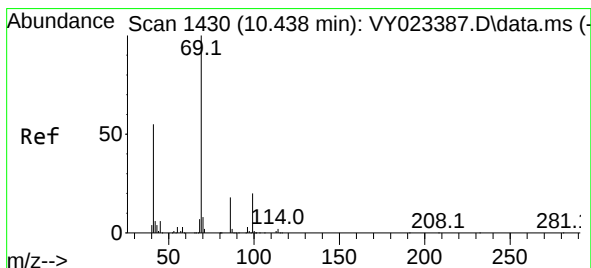
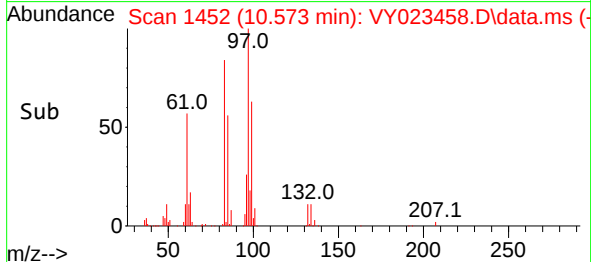
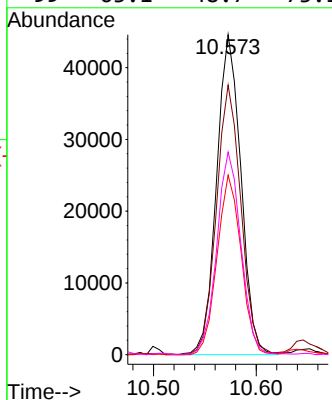
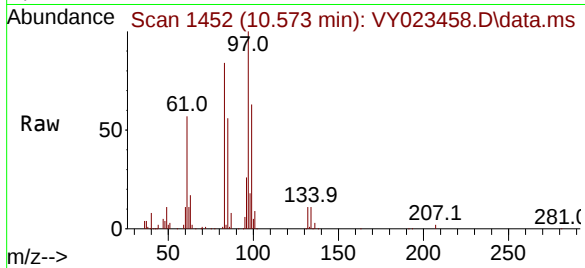




#55
 1,1,2-Trichloroethane
 Concen: 19.520 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: VY023458.D
 Acq: 14 Oct 2025 12:26

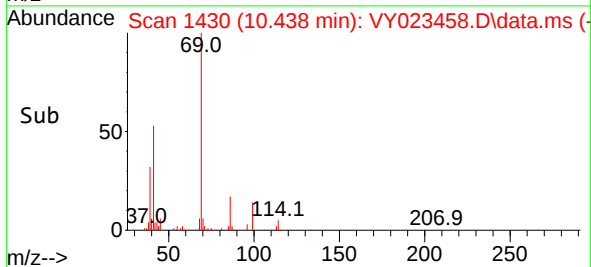
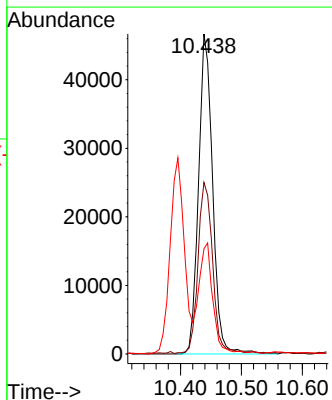
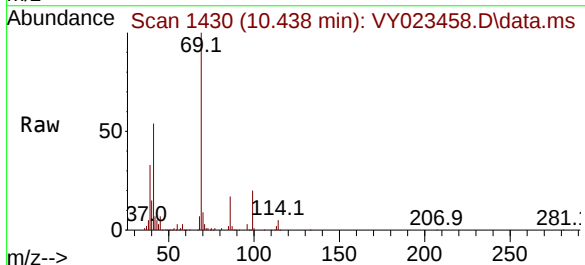
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

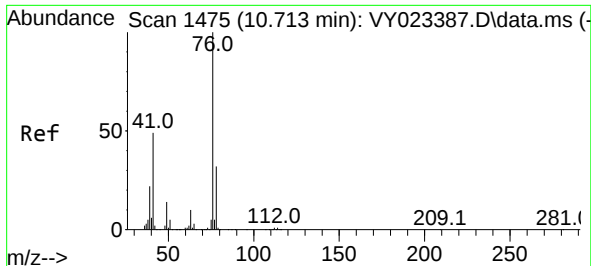
Tgt Ion: 97	Resp: 73249
Ion Ratio	Lower Upper
97 100	
83 84.3	61.8 92.6
85 56.1	41.3 61.9
99 63.1	48.7 73.1



#56
 Ethyl methacrylate
 Concen: 17.336 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: VY023458.D
 Acq: 14 Oct 2025 12:26

Tgt Ion: 69	Resp: 75043
Ion Ratio	Lower Upper
69 100	
41 54.1	44.6 67.0
39 33.3	27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.565 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

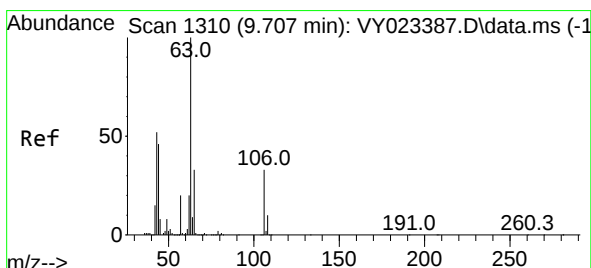
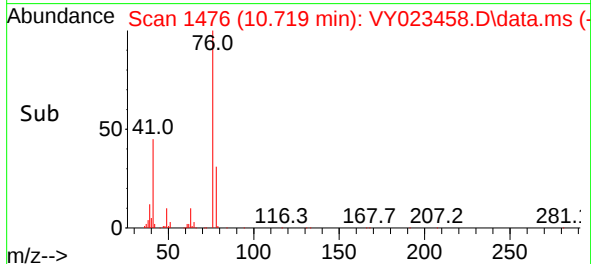
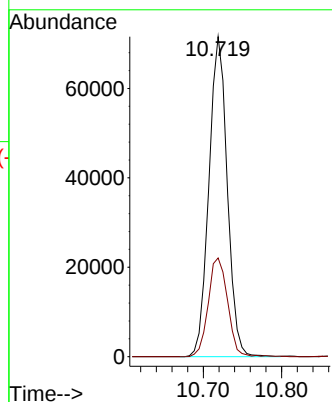
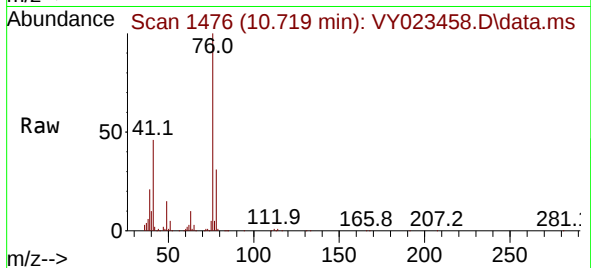
VY1014SBS01

Tgt Ion: 76 Resp: 116342

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.487 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023458.D

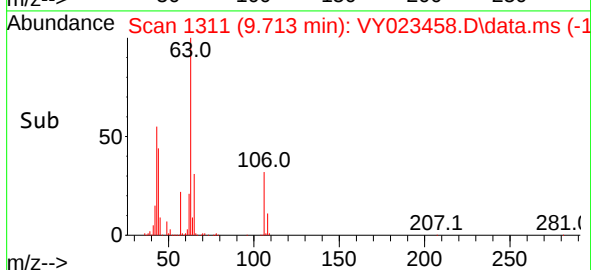
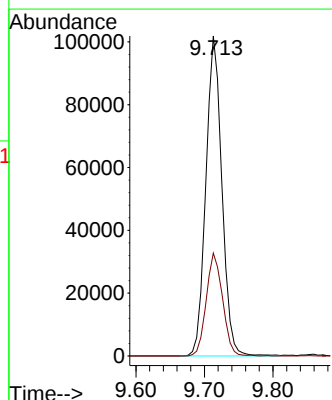
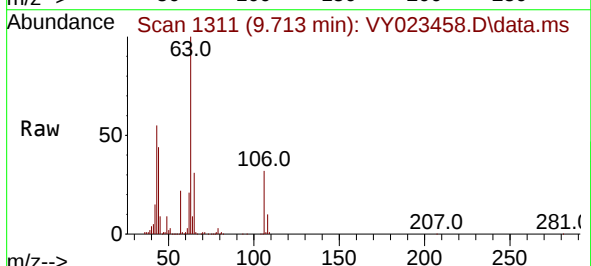
Acq: 14 Oct 2025 12:26

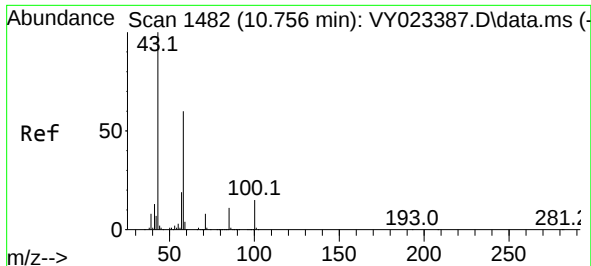
Tgt Ion: 63 Resp: 165771

Ion Ratio Lower Upper

63 100

106 32.7 26.6 39.8

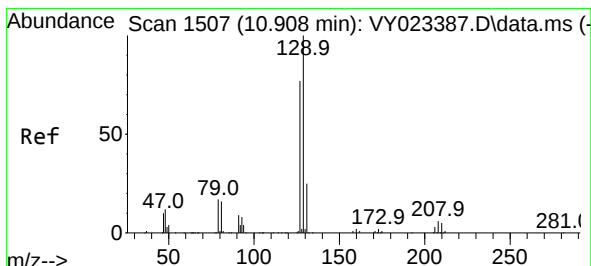
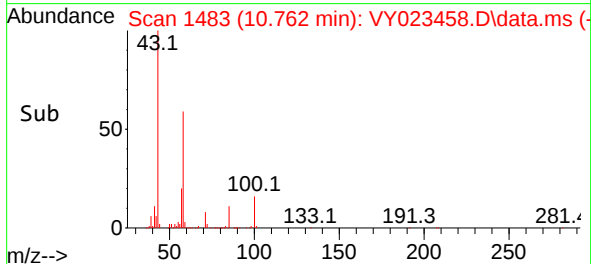
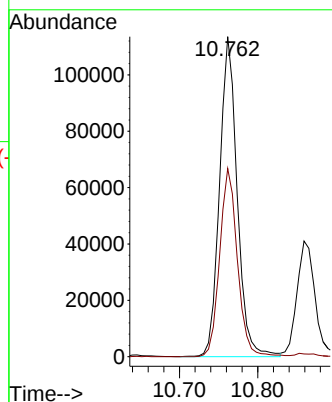
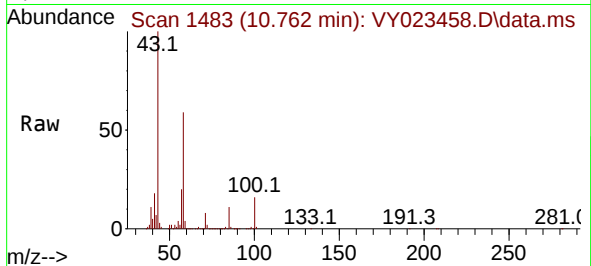




#59
2-Hexanone
Concen: 96.705 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

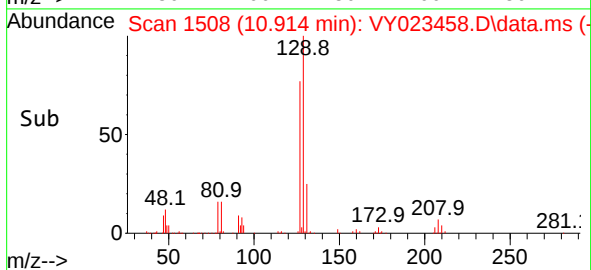
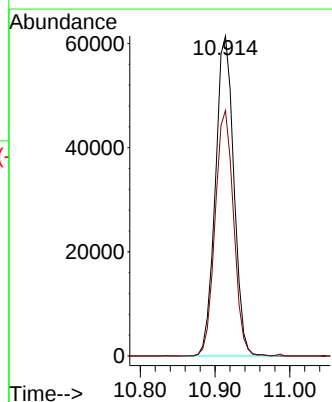
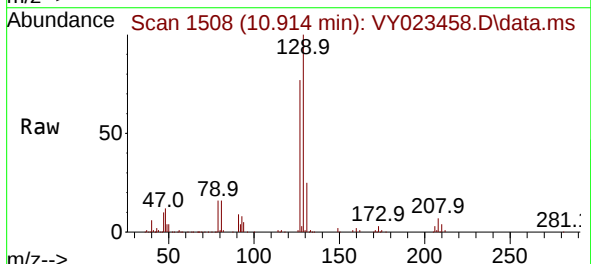
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

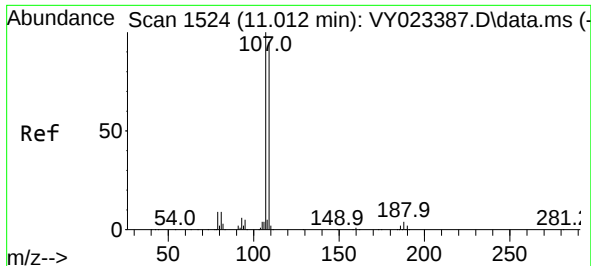
Tgt Ion: 43 Resp: 177961
Ion Ratio Lower Upper
43 100
58 59.1 30.5 91.5



#60
Dibromochloromethane
Concen: 20.015 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 129 Resp: 105303
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

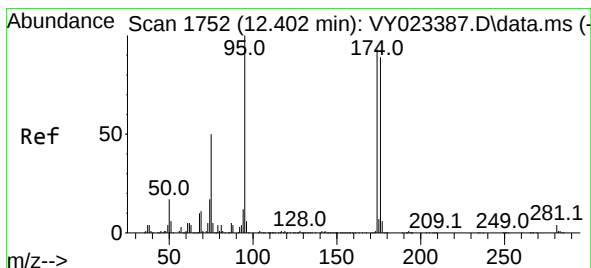
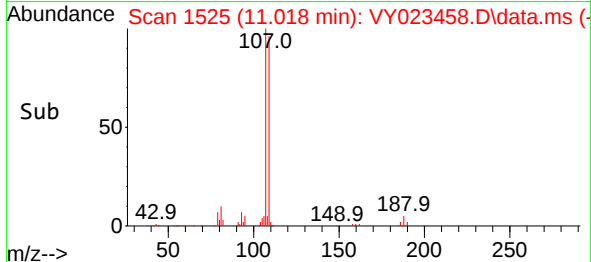
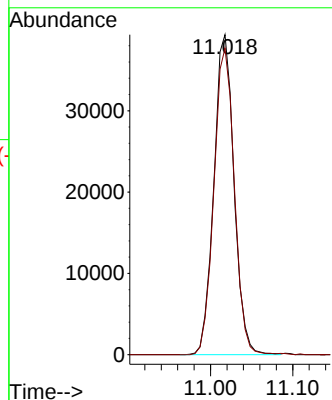
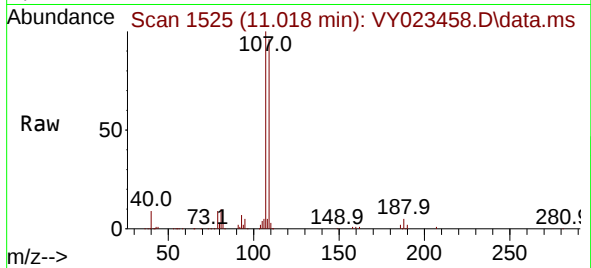




#61
1,2-Dibromoethane
Concen: 18.735 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

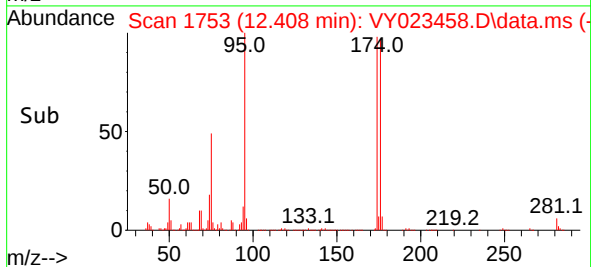
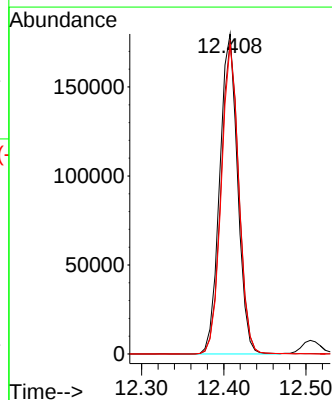
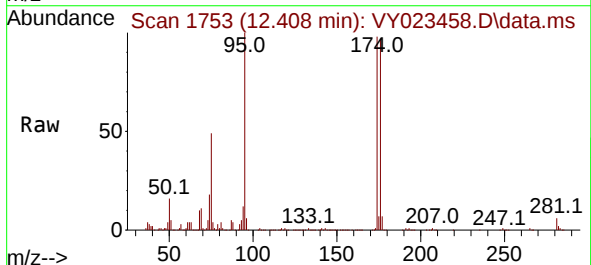
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

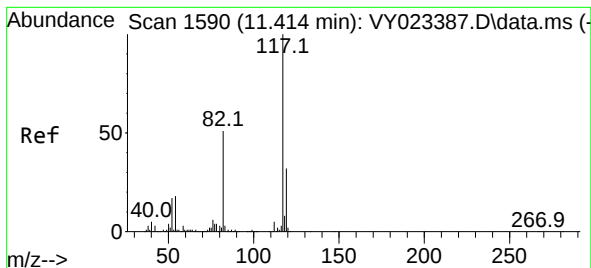
Tgt Ion:107 Resp: 67050
Ion Ratio Lower Upper
107 100
109 97.0 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 46.454 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 95 Resp: 272187
Ion Ratio Lower Upper
95 100
174 96.8 0.0 192.8
176 94.2 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

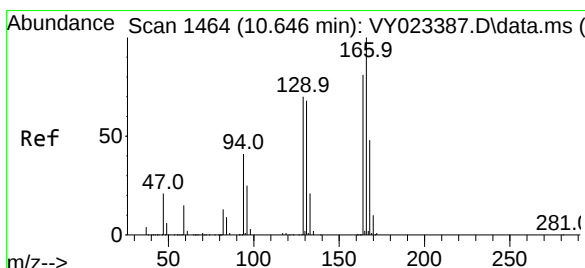
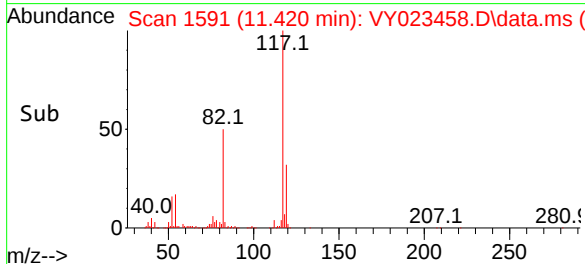
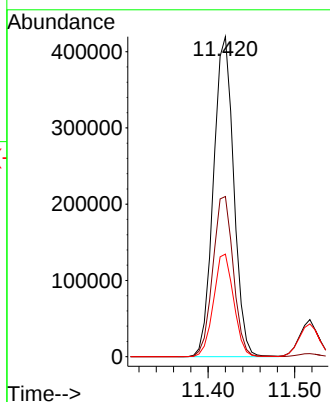
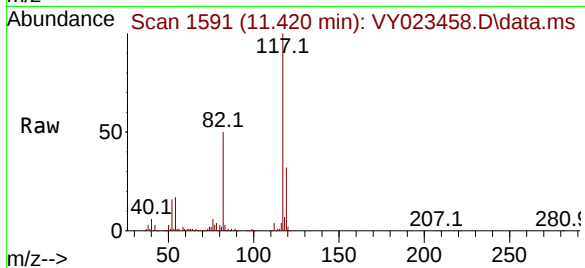
Tgt Ion:117 Resp: 681796

Ion Ratio Lower Upper

117 100

82 50.0 41.0 61.4

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 20.604 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Tgt Ion:164 Resp: 145052

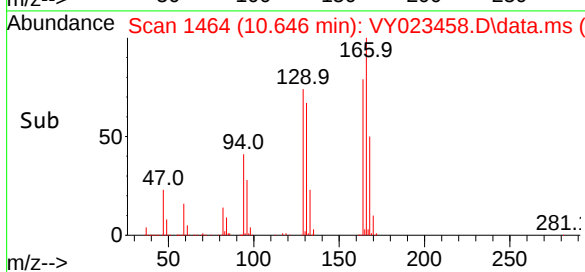
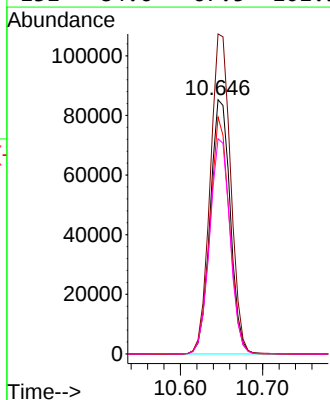
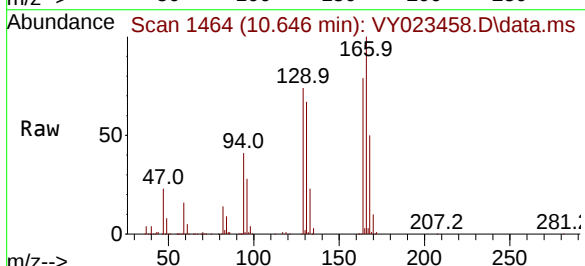
Ion Ratio Lower Upper

164 100

166 125.8 99.4 149.0

129 93.2 69.4 104.2

131 84.6 67.5 101.3

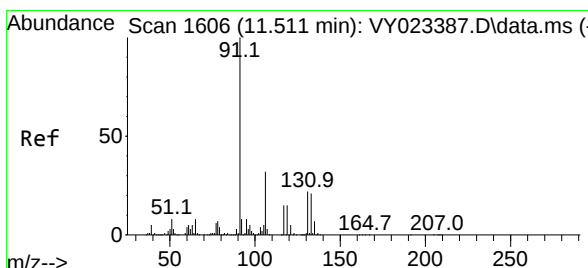
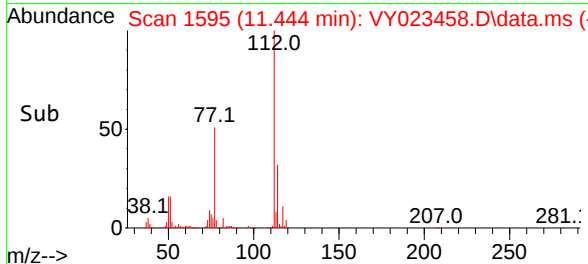
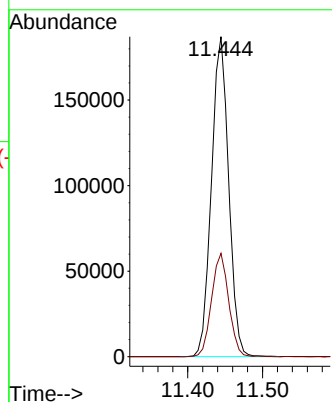
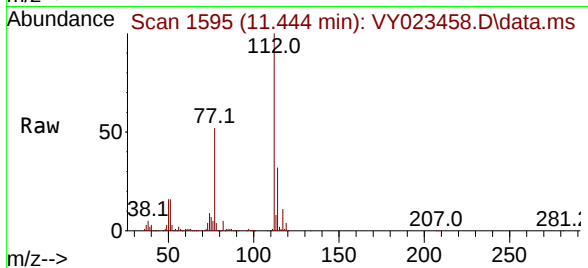




#65
Chlorobenzene
Concen: 20.215 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

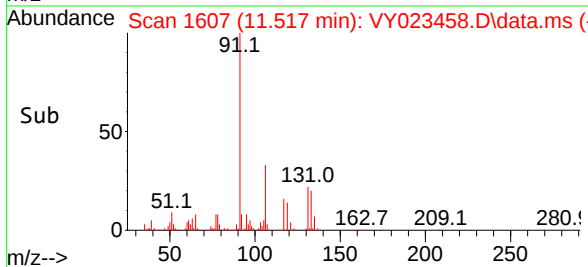
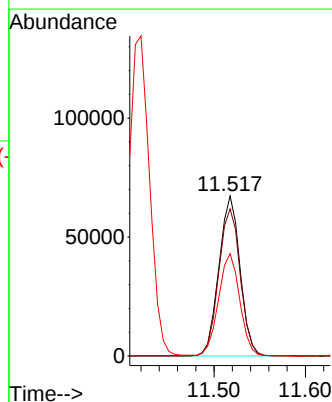
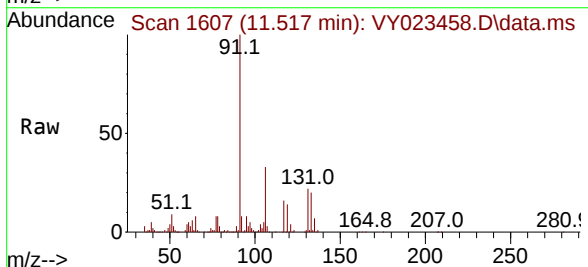
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

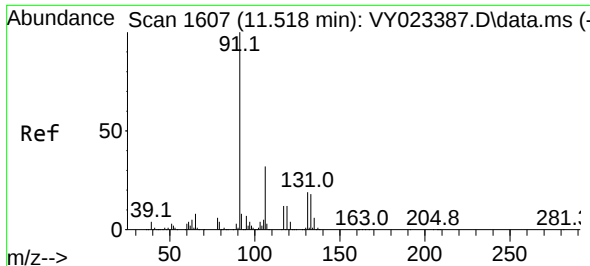
Tgt Ion:112 Resp: 299766
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.401 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion:131 Resp: 107802
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.2
119 64.9 32.4 97.2





#67

Ethyl Benzene

Concen: 19.934 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

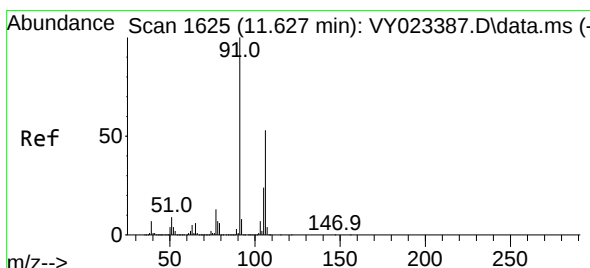
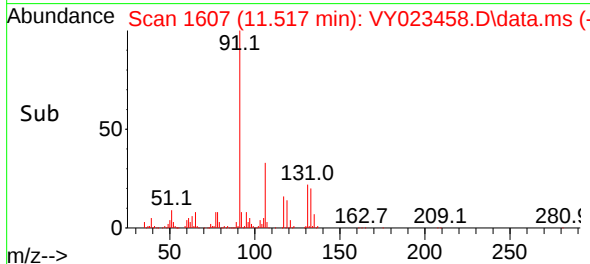
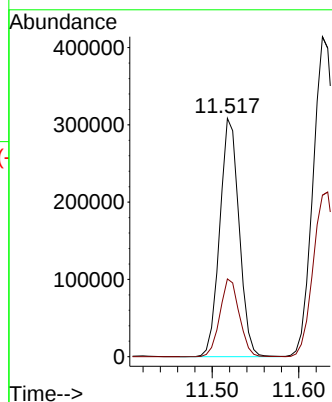
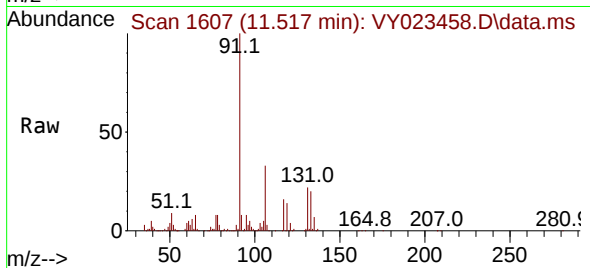
VY1014SBS01

Tgt Ion: 91 Resp: 478469

Ion Ratio Lower Upper

91 100

106 32.6 25.8 38.8



#68

m/p-Xylenes

Concen: 40.757 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023458.D

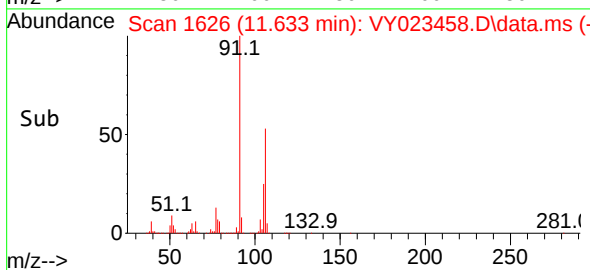
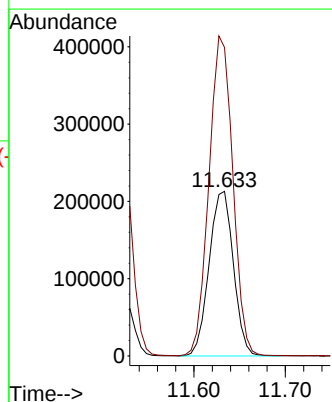
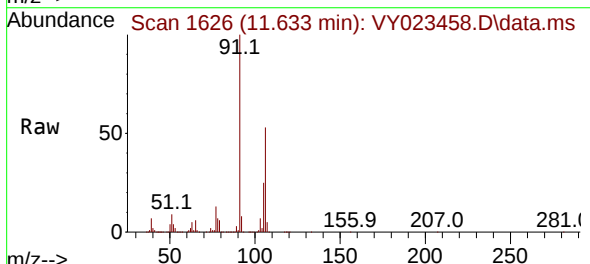
Acq: 14 Oct 2025 12:26

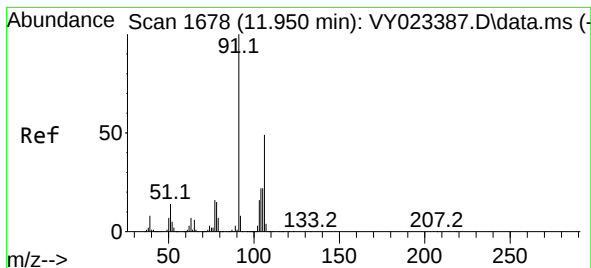
Tgt Ion:106 Resp: 392394

Ion Ratio Lower Upper

106 100

91 191.6 152.6 229.0





#69

o-Xylene

Concen: 19.549 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

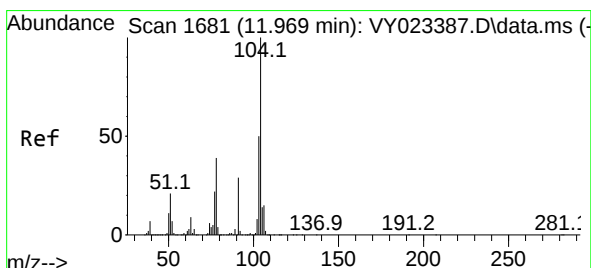
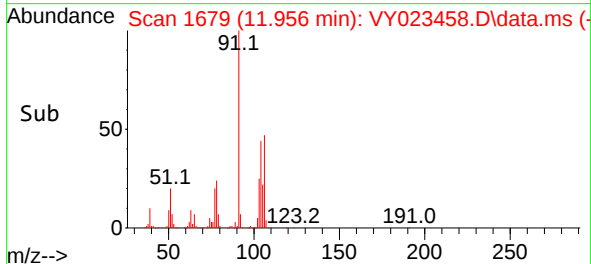
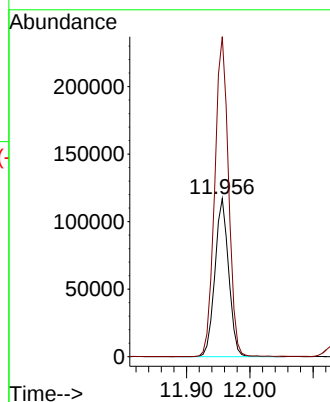
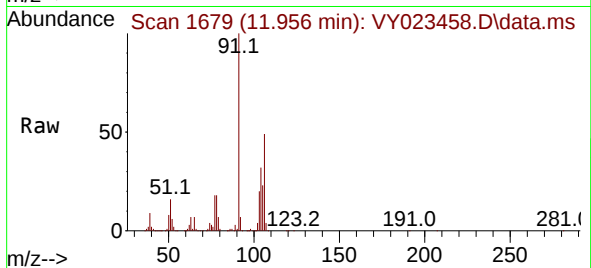
VY1014SBS01

Tgt Ion:106 Resp: 176540

Ion Ratio Lower Upper

106 100

91 203.7 101.4 304.1



#70

Styrene

Concen: 20.152 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

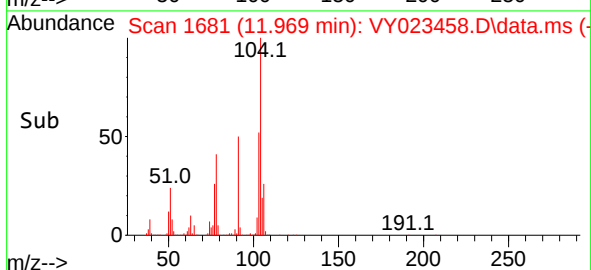
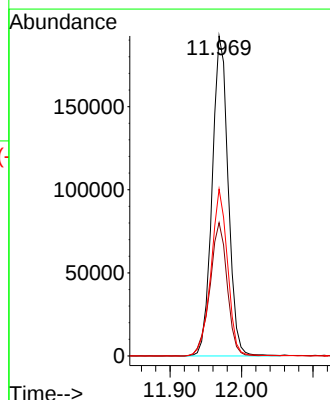
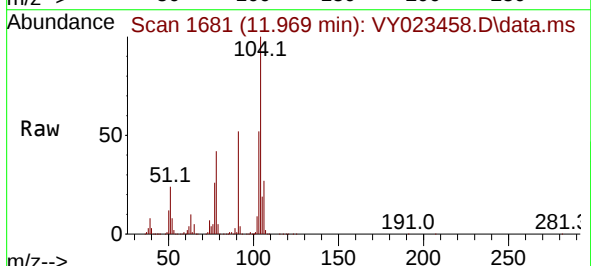
Tgt Ion:104 Resp: 299261

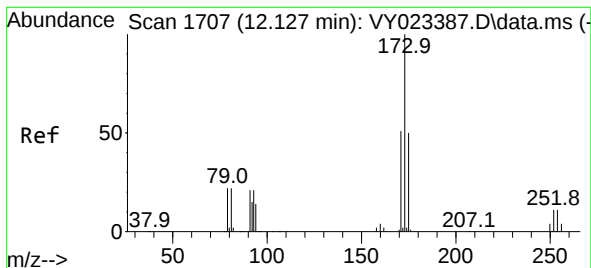
Ion Ratio Lower Upper

104 100

78 44.8 36.1 54.1

103 54.0 43.2 64.8





#71

Bromoform

Concen: 19.001 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

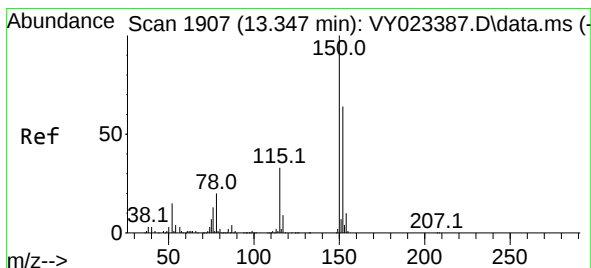
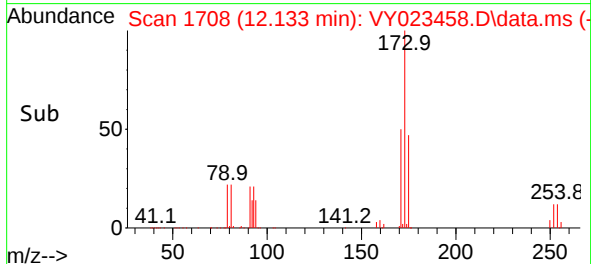
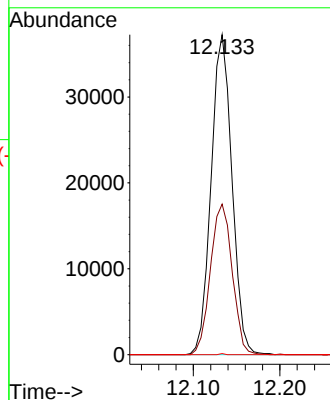
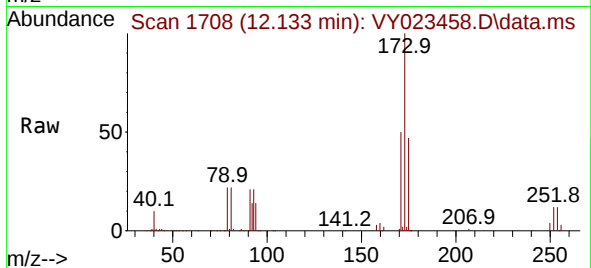
Tgt Ion:173 Resp: 62280

Ion Ratio Lower Upper

173 100

175 49.2 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

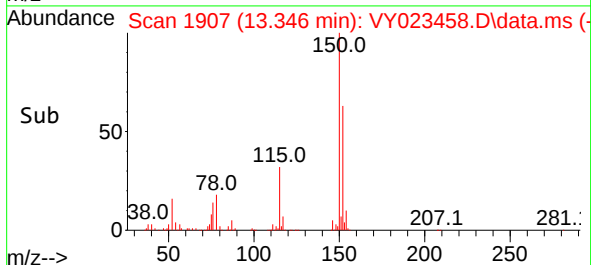
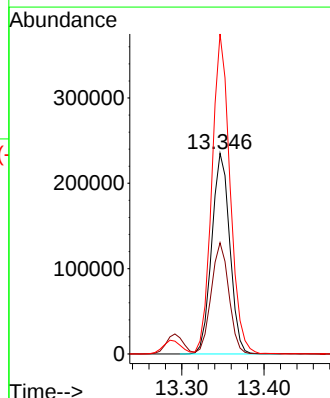
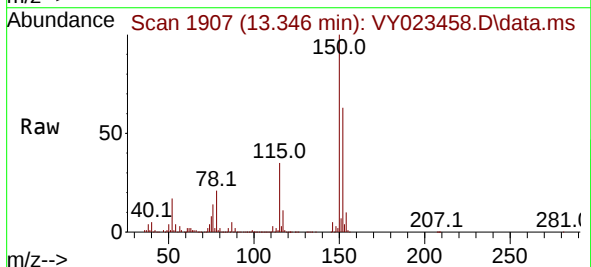
Tgt Ion:152 Resp: 357890

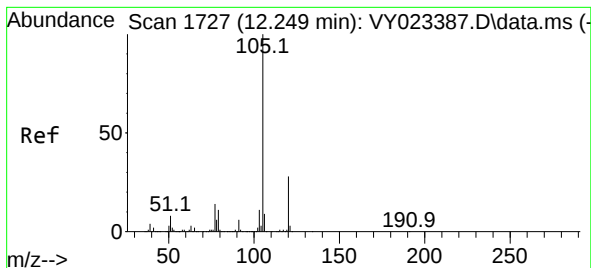
Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.2

150 160.5 0.0 347.4





#73

Isopropylbenzene

Concen: 19.878 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

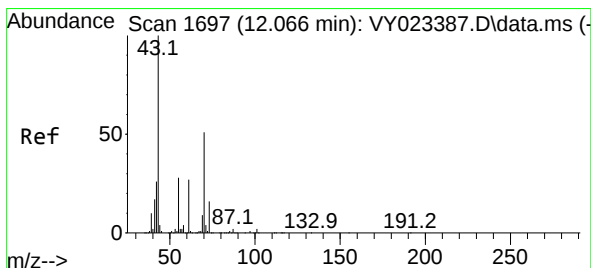
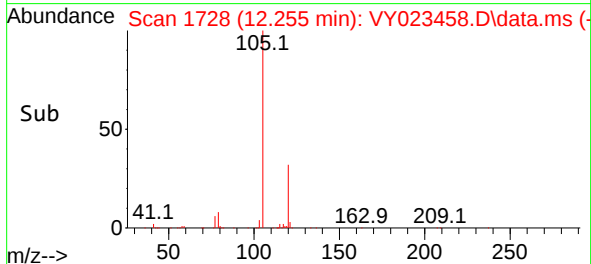
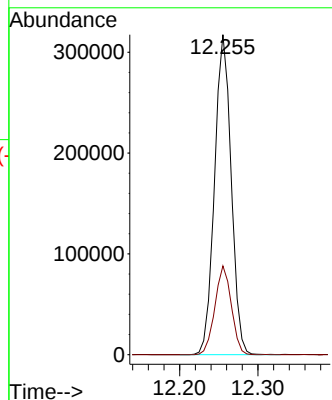
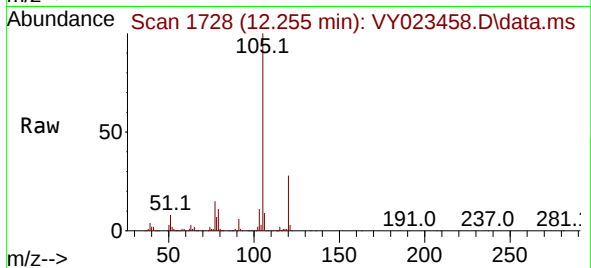
VY1014SBS01

Tgt Ion:105 Resp: 468838

Ion Ratio Lower Upper

105 100

120 27.4 13.9 41.7



#74

N-ethyl acetate

Concen: 16.411 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Tgt Ion: 43 Resp: 69522

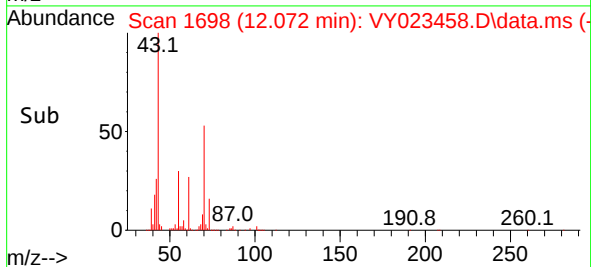
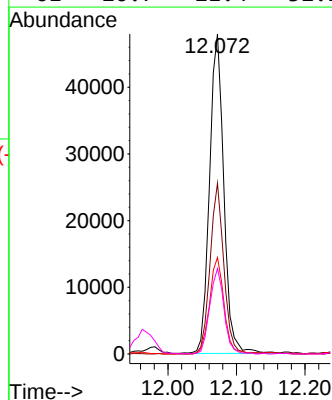
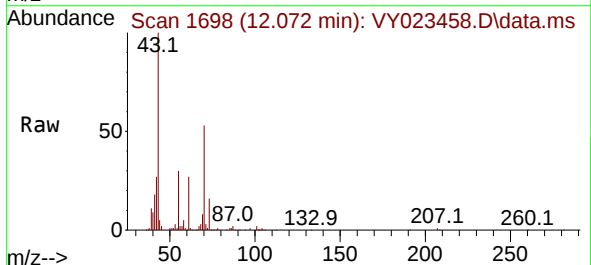
Ion Ratio Lower Upper

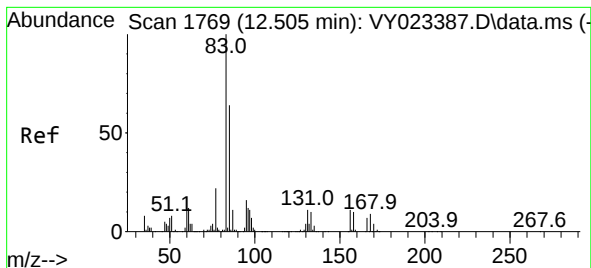
43 100

70 51.3 41.1 61.7

55 30.8 23.0 34.6

61 26.7 21.4 32.2





#75

1,1,2-Tetrachloroethane

Concen: 18.216 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

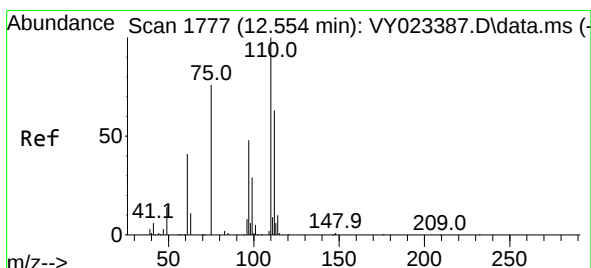
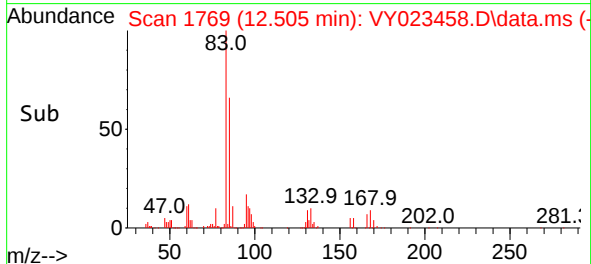
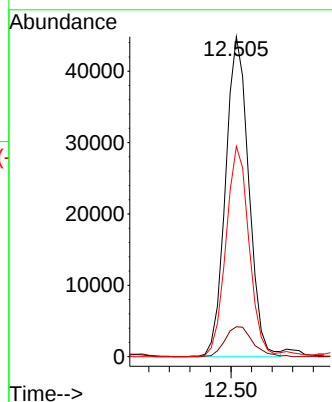
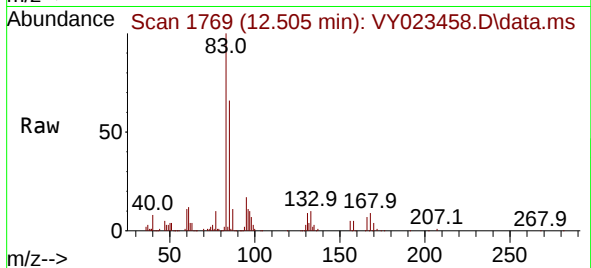
Tgt Ion: 83 Resp: 70271

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.6

85 65.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 29.646 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023458.D

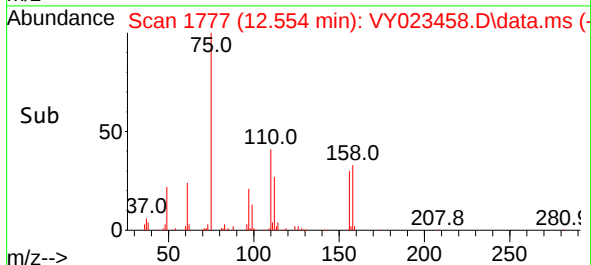
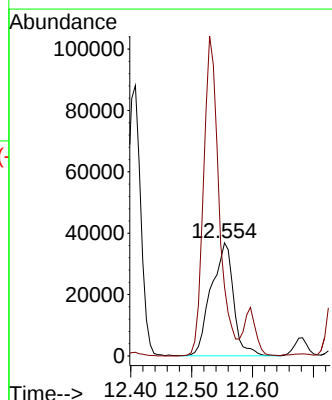
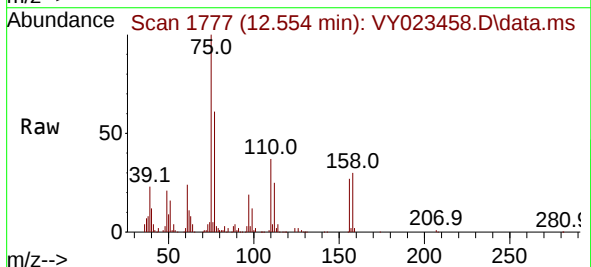
Acq: 14 Oct 2025 12:26

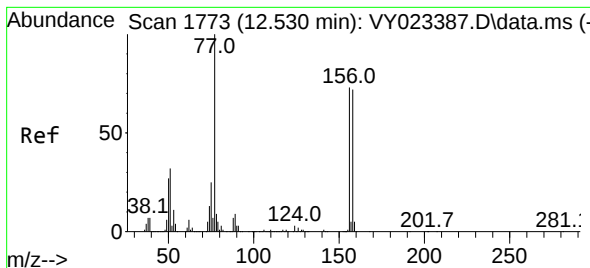
Tgt Ion: 75 Resp: 93610

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.197 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

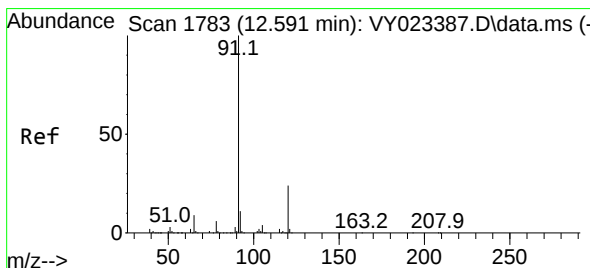
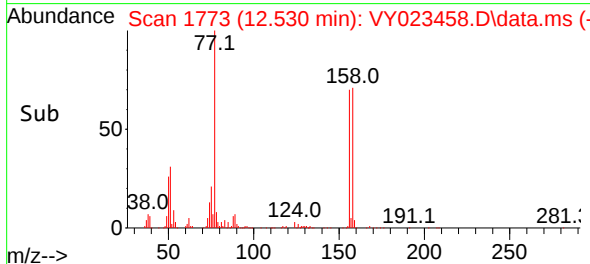
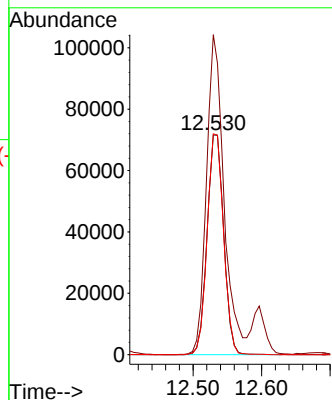
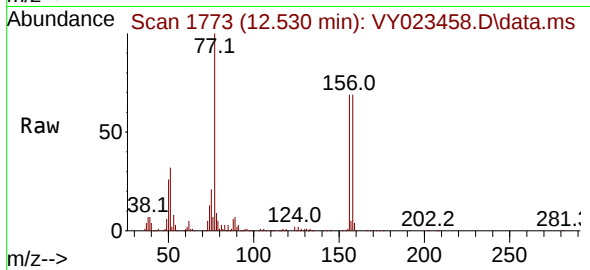
Tgt Ion:156 Resp: 120367

Ion Ratio Lower Upper

156 100

77 154.5 76.8 230.5

158 99.4 49.0 147.2



#78

n-propylbenzene

Concen: 20.384 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023458.D

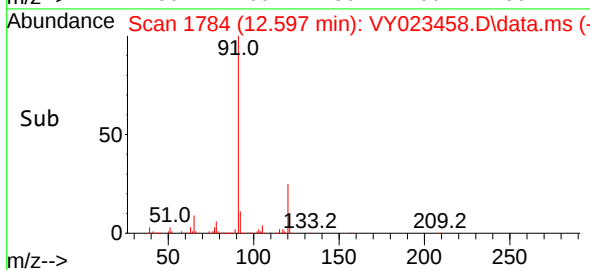
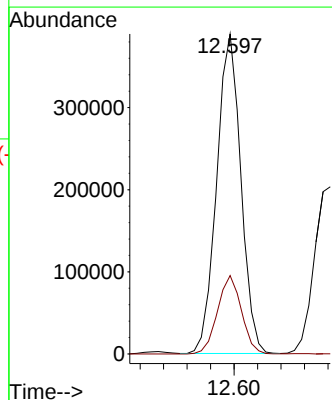
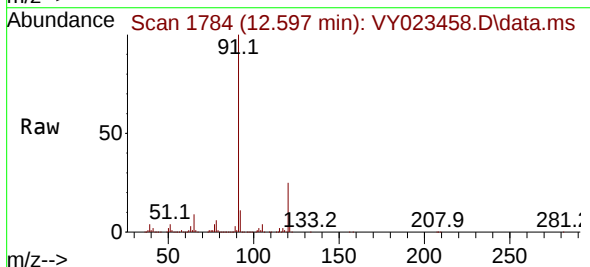
Acq: 14 Oct 2025 12:26

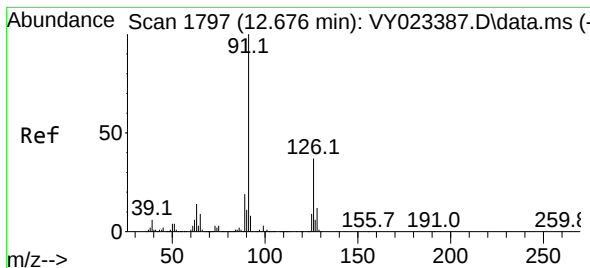
Tgt Ion: 91 Resp: 556336

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.977 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

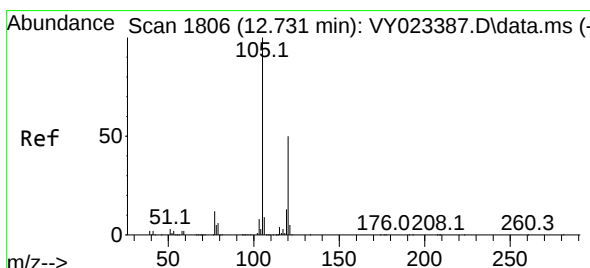
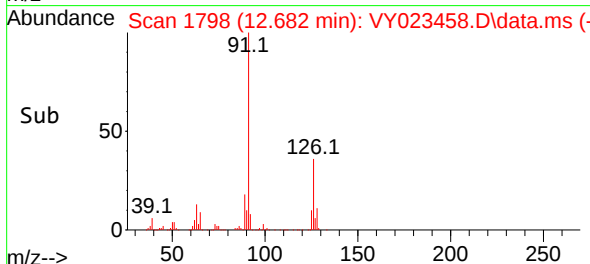
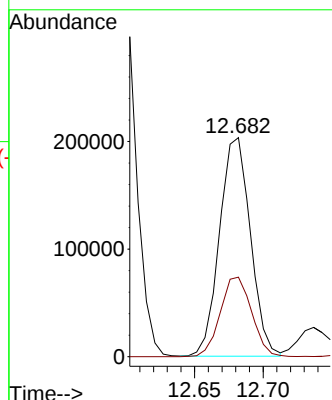
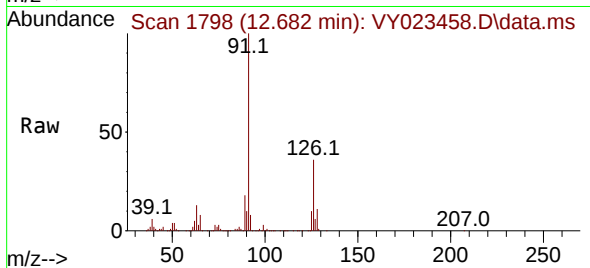
VY1014SBS01

Tgt Ion: 91 Resp: 319288

Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 20.437 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023458.D

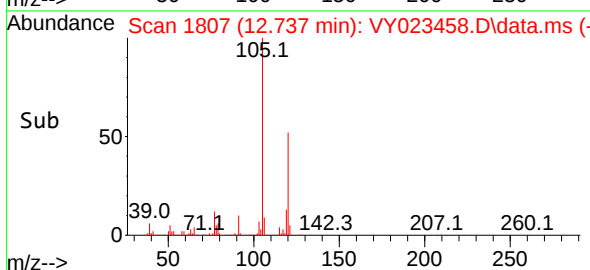
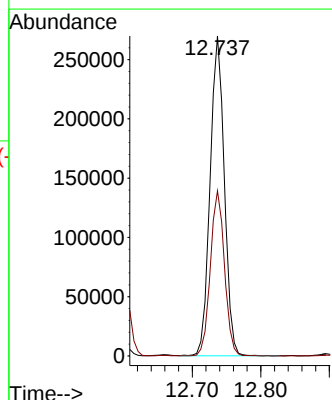
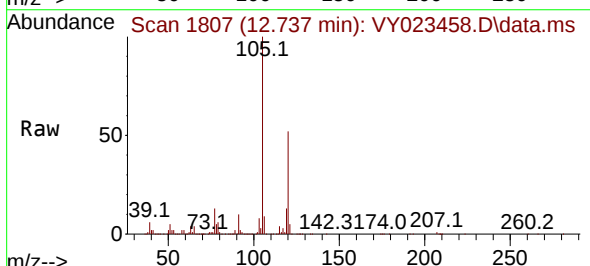
Acq: 14 Oct 2025 12:26

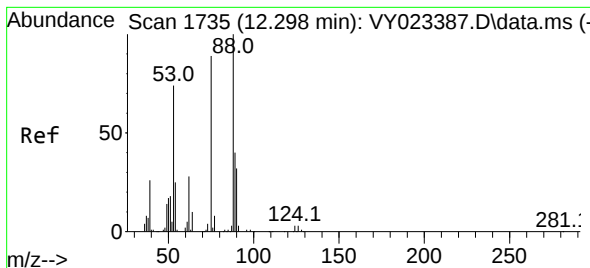
Tgt Ion: 105 Resp: 389505

Ion Ratio Lower Upper

105 100

120 51.2 25.4 76.4

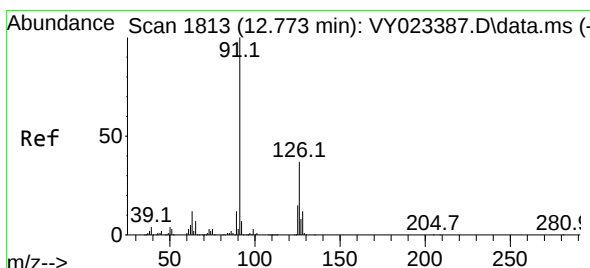
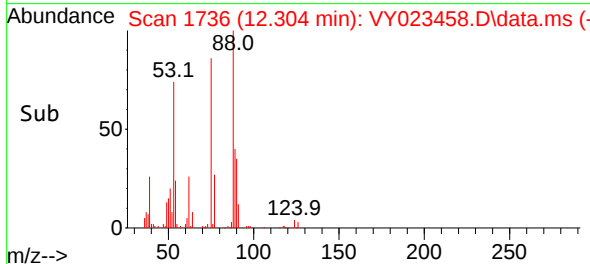
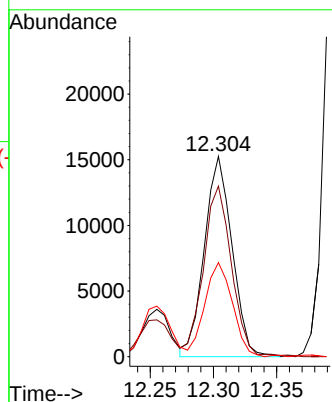
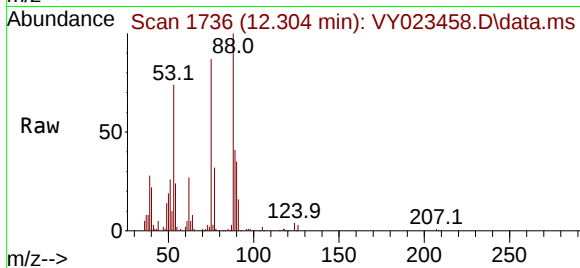




#81
trans-1,4-Dichloro-2-butene
Concen: 18.069 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

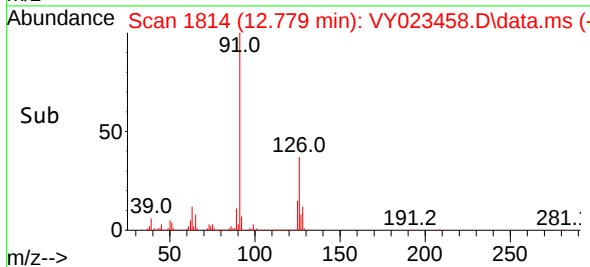
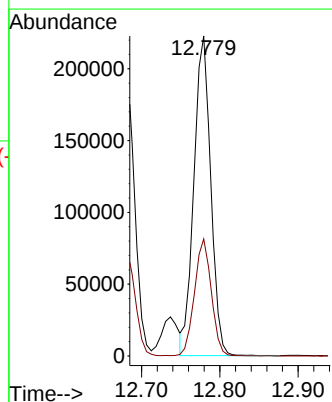
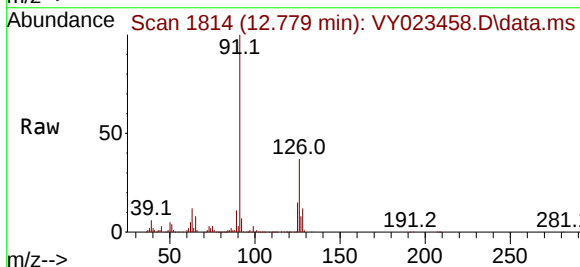
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

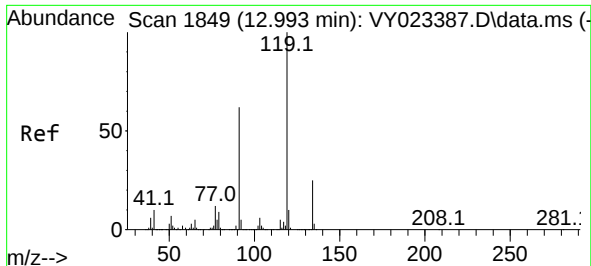
Tgt Ion: 75 Resp: 23267
Ion Ratio Lower Upper
75 100
53 86.4 68.6 102.8
89 46.6 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.237 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion: 91 Resp: 333116
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4

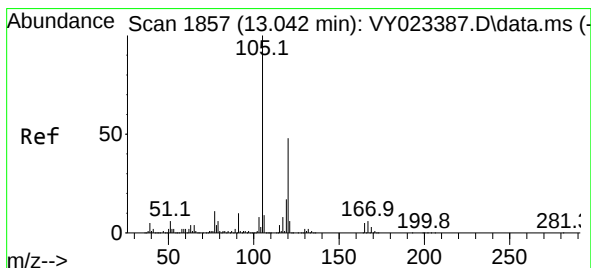
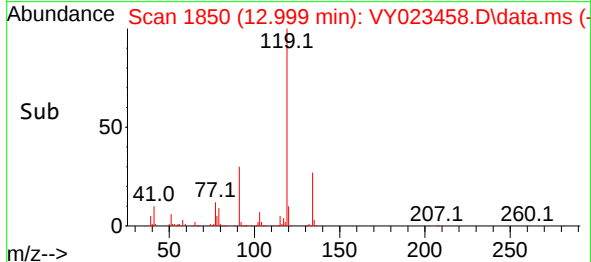
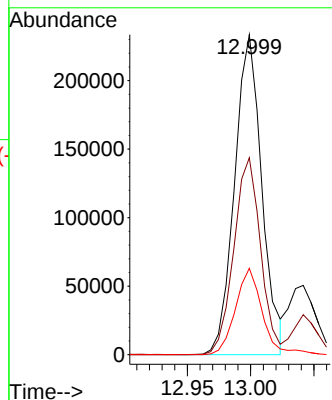
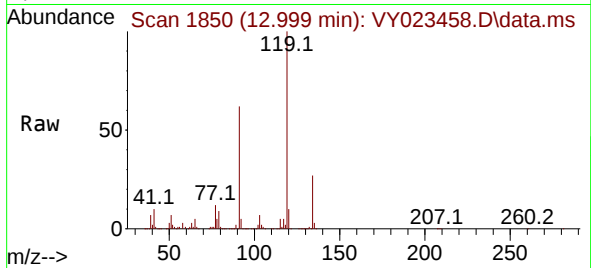




#83
tert-Butylbenzene
Concen: 19.908 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

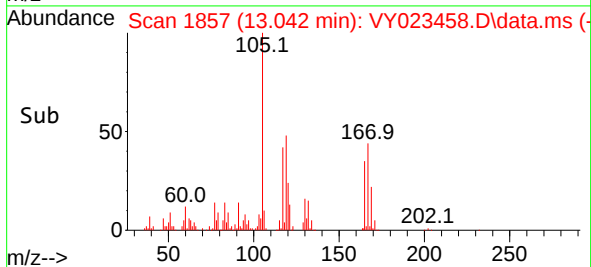
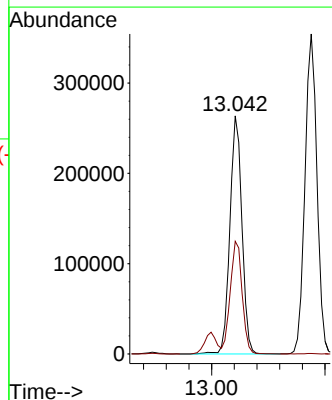
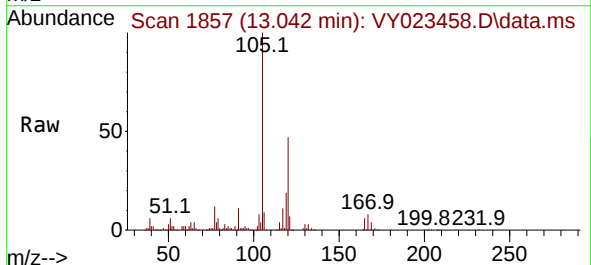
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

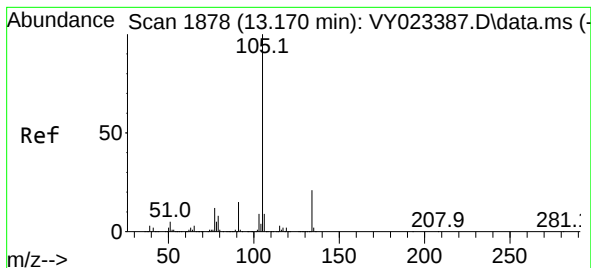
Tgt Ion:119 Resp: 350325
Ion Ratio Lower Upper
119 100
91 60.4 29.9 89.8
134 26.7 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.385 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion:105 Resp: 387734
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.2





#85

sec-Butylbenzene

Concen: 20.571 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

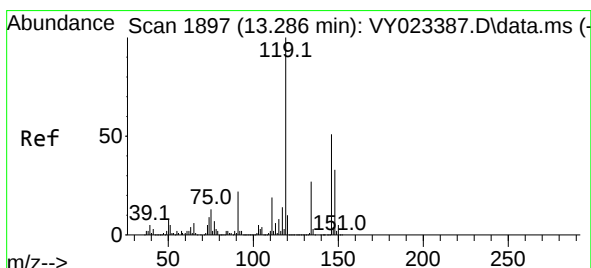
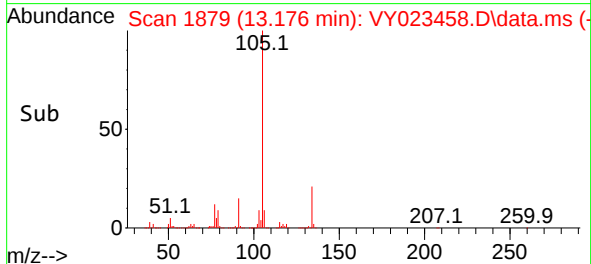
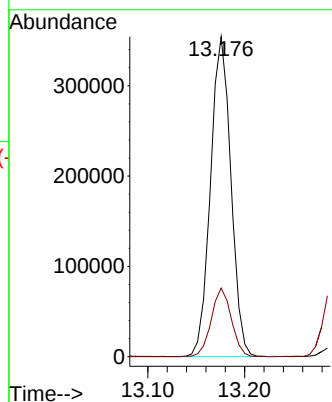
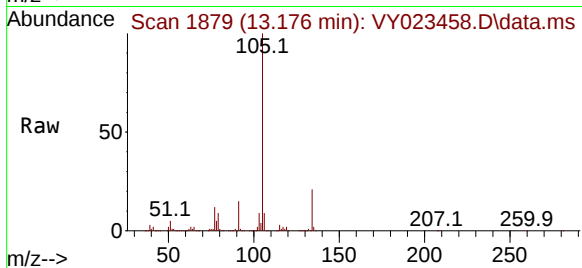
VY1014SBS01

Tgt Ion:105 Resp: 519262

Ion Ratio Lower Upper

105 100

134 21.1 10.7 32.1



#86

p-Isopropyltoluene

Concen: 20.346 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

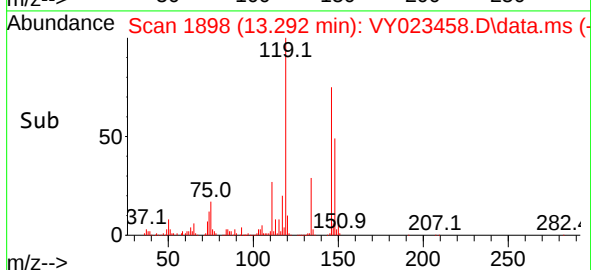
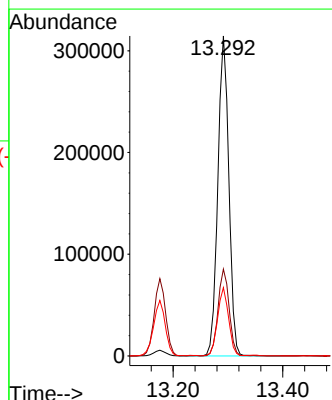
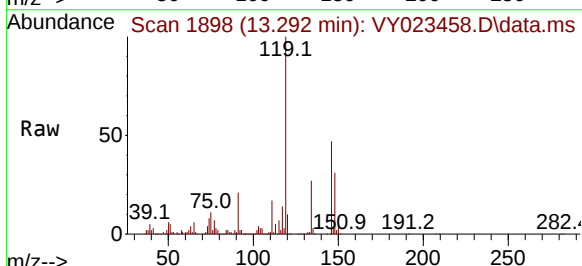
Tgt Ion:119 Resp: 437290

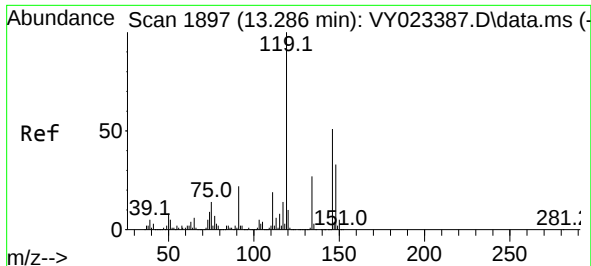
Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

91 21.2 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 19.945 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

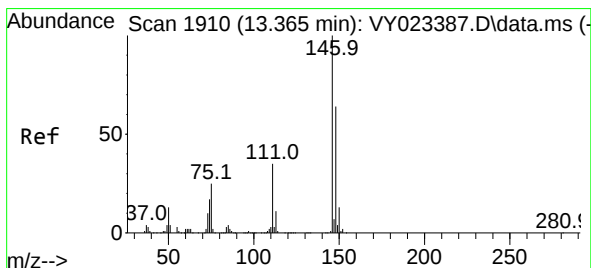
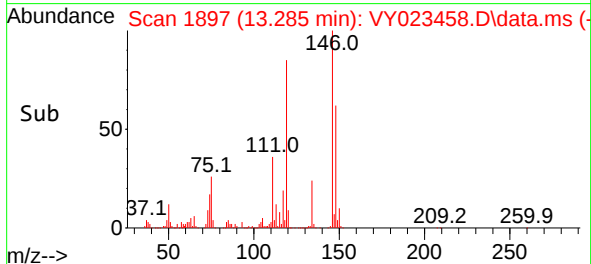
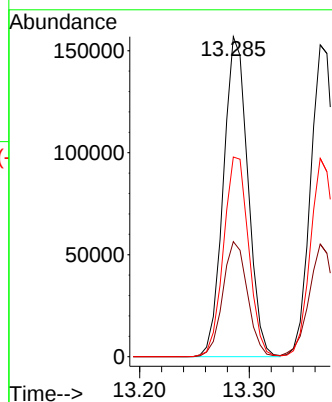
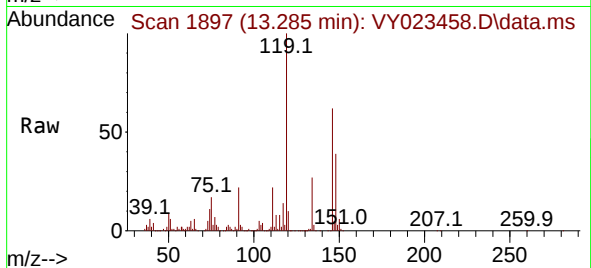
Tgt Ion:146 Resp: 243530

Ion Ratio Lower Upper

146 100

111 36.2 18.7 56.1

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.671 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

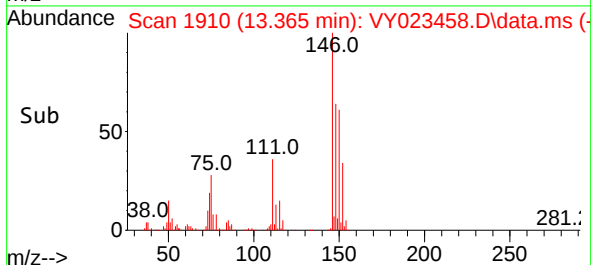
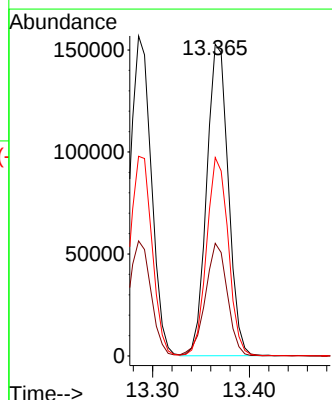
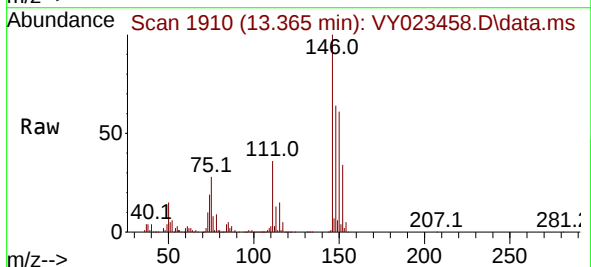
Tgt Ion:146 Resp: 237215

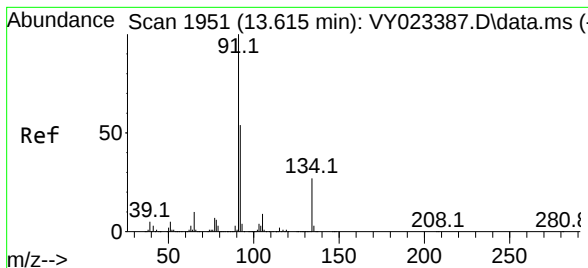
Ion Ratio Lower Upper

146 100

111 36.8 18.0 54.0

148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 19.669 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

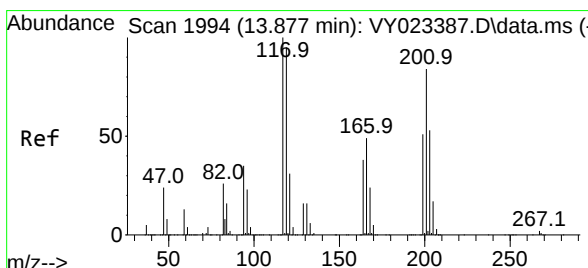
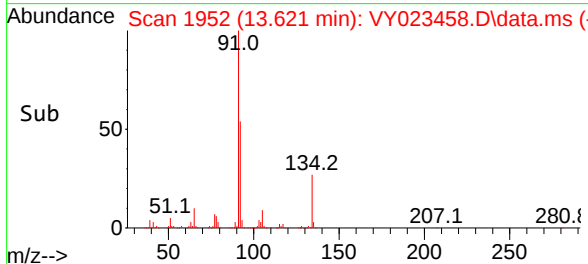
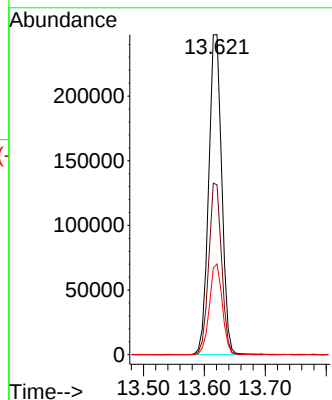
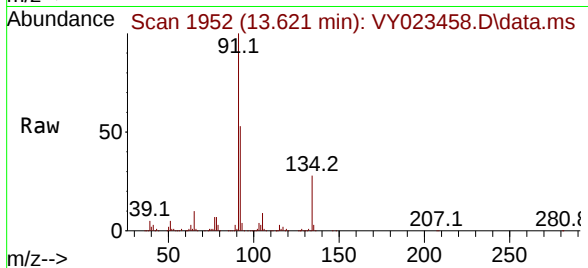
Tgt Ion: 91 Resp: 368348

Ion Ratio Lower Upper

91 100

92 52.8 27.0 80.8

134 28.0 14.1 42.2



#90

Hexachloroethane

Concen: 20.712 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023458.D

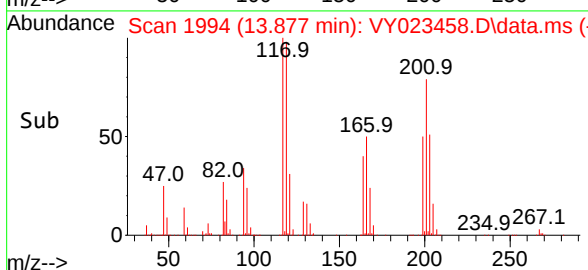
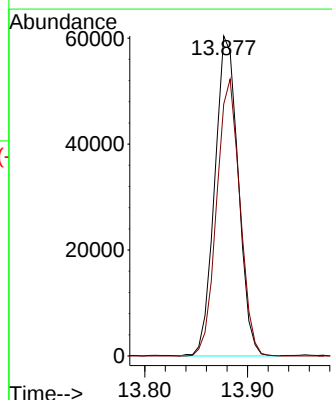
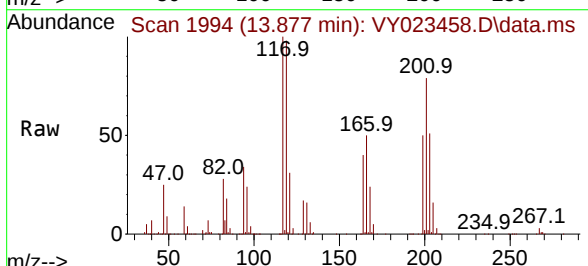
Acq: 14 Oct 2025 12:26

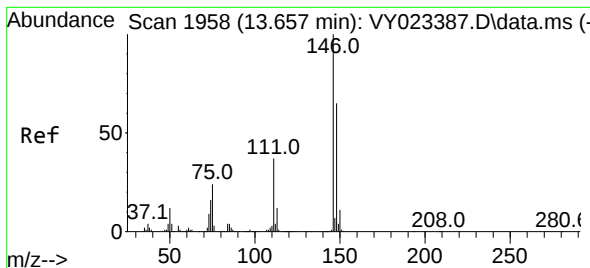
Tgt Ion: 117 Resp: 95745

Ion Ratio Lower Upper

117 100

201 85.7 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 19.468 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

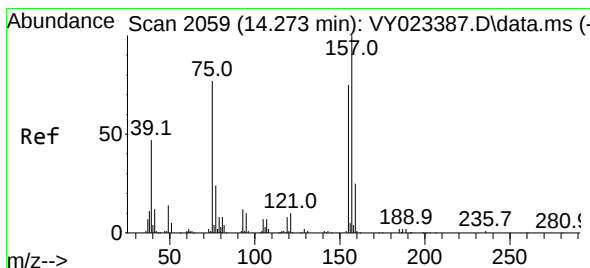
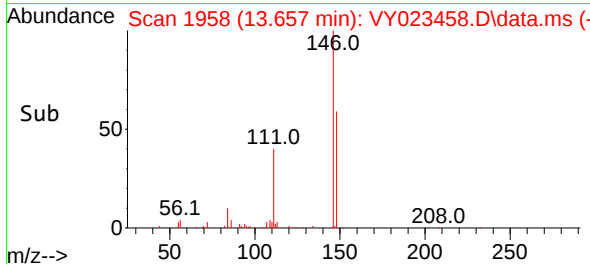
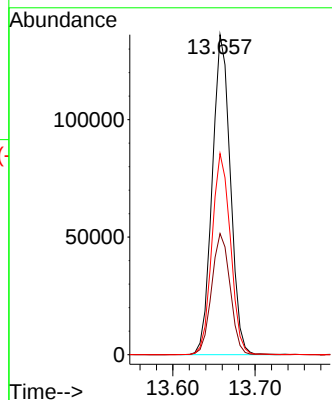
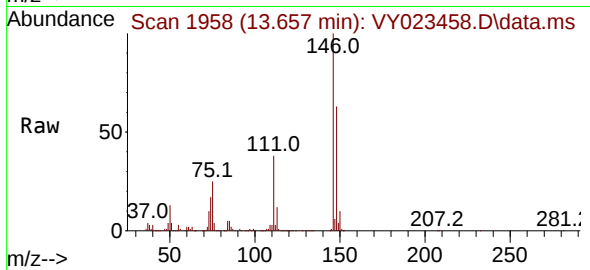
Tgt Ion:146 Resp: 208397

Ion Ratio Lower Upper

146 100

111 38.6 19.0 57.0

148 64.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.865 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

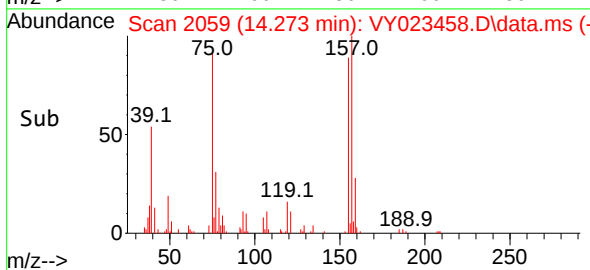
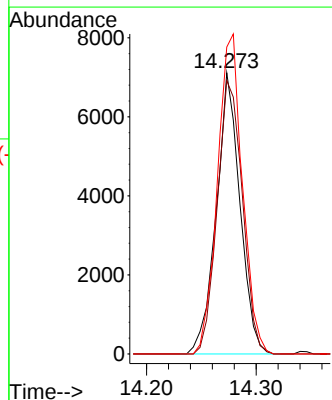
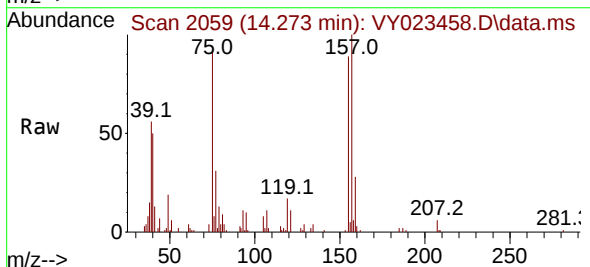
Tgt Ion: 75 Resp: 10675

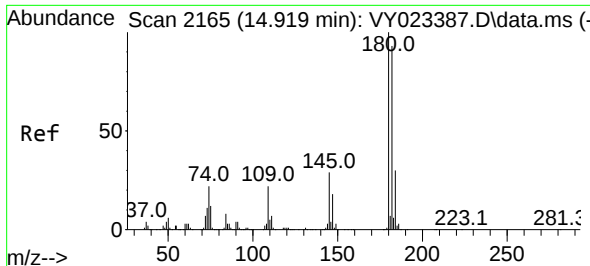
Ion Ratio Lower Upper

75 100

155 103.3 50.0 150.0

157 120.0 63.8 191.5

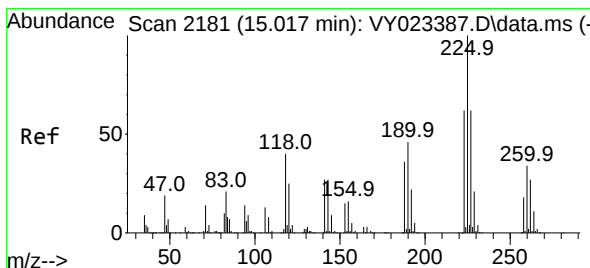
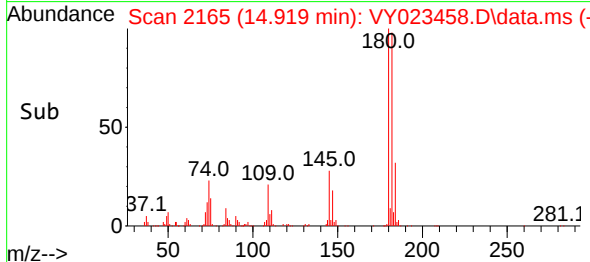
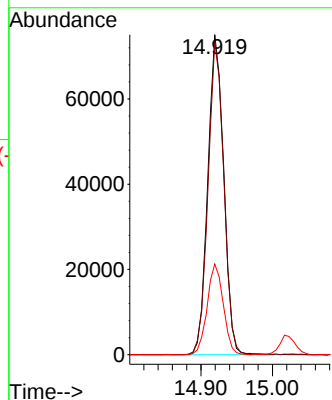
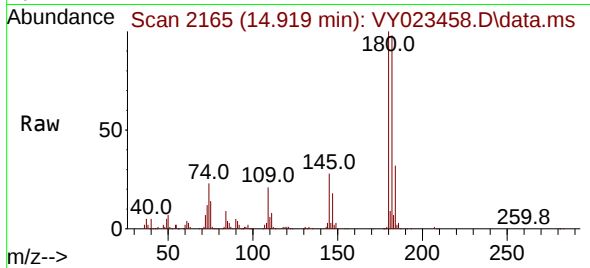




#93
1,2,4-Trichlorobenzene
Concen: 17.410 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

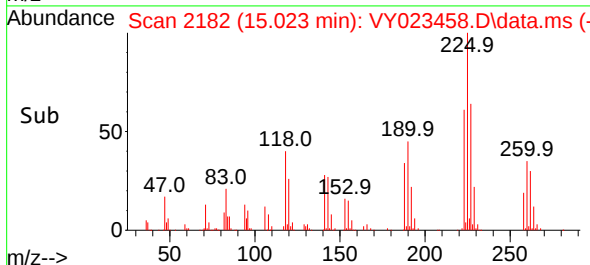
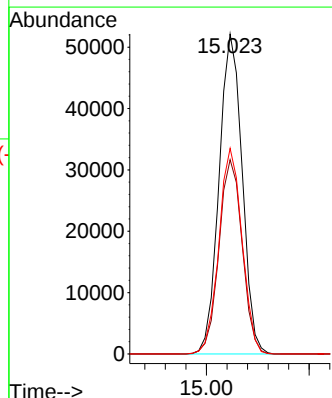
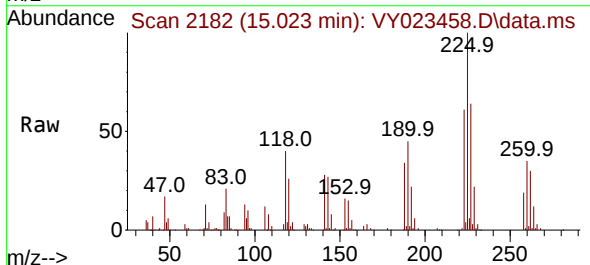
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

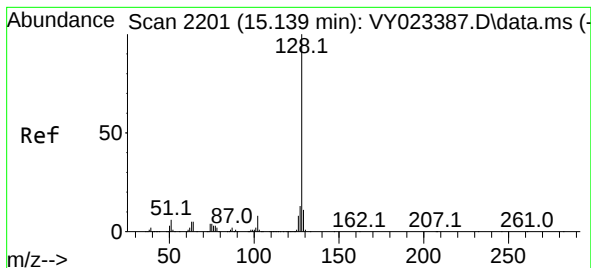
Tgt Ion:180 Resp: 116190
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.6
145 28.6 14.7 44.1



#94
Hexachlorobutadiene
Concen: 19.493 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023458.D
Acq: 14 Oct 2025 12:26

Tgt Ion:225 Resp: 81091
Ion Ratio Lower Upper
225 100
223 61.2 30.8 92.3
227 64.5 31.9 95.7





#95

Naphthalene

Concen: 14.512 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

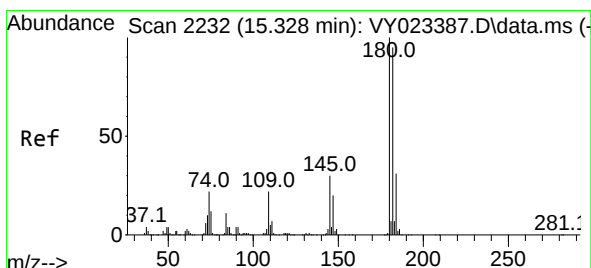
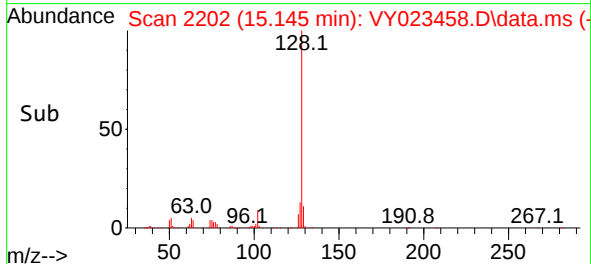
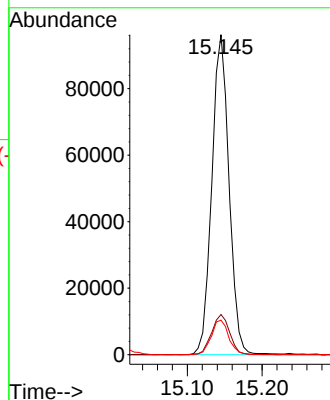
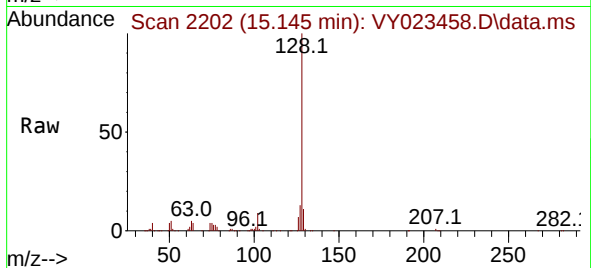
Tgt Ion:128 Resp: 154221

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 16.862 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023458.D

Acq: 14 Oct 2025 12:26

Tgt Ion:180 Resp: 97472

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 31.0 15.3 45.9

