

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023498.D
 Acq On : 20 Oct 2025 10:29
 Operator : SY/MD
 Sample : VY1020SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 03:55:26 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	515174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	734290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	652730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	350213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	206772	47.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.640	113	238995	52.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.940%
50) Toluene-d8	10.109	98	872808	51.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.408	95	283823	51.163	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.320%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	79678	21.487	ug/l 98
3) Chloromethane	2.074	50	98710	19.541	ug/l 99
4) Vinyl Chloride	2.208	62	131697	20.016	ug/l 97
5) Bromomethane	2.592	94	117516	21.283	ug/l 97
6) Chloroethane	2.739	64	93244	20.790	ug/l 99
7) Trichlorofluoromethane	3.062	101	189853	20.782	ug/l 99
8) Diethyl Ether	3.452	74	46834	19.619	ug/l 100
9) 1,1,2-Trichlorotrifluo...	3.818	101	103962	21.930	ug/l 99
10) Methyl Iodide	4.007	142	108732	20.603	ug/l 100
11) Tert butyl alcohol	4.860	59	27240	84.996	ug/l 98
12) 1,1-Dichloroethene	3.793	96	95131	20.701	ug/l 99
13) Acrolein	3.653	56	24880	54.940	ug/l 97
14) Allyl chloride	4.385	41	105936	18.915	ug/l 96
15) Acrylonitrile	5.061	53	87019	95.253	ug/l 99
16) Acetone	3.873	43	130930	127.663	ug/l 99
17) Carbon Disulfide	4.110	76	265408	20.179	ug/l 100
18) Methyl Acetate	4.391	43	43585	16.201	ug/l 99
19) Methyl tert-butyl Ether	5.122	73	214978	19.464	ug/l 96
20) Methylene Chloride	4.616	84	103866	18.729	ug/l 99
21) trans-1,2-Dichloroethene	5.116	96	105489	20.850	ug/l 97
22) Diisopropyl ether	6.025	45	245767	19.839	ug/l 99
23) Vinyl Acetate	5.964	43	652990	97.381	ug/l 97
24) 1,1-Dichloroethane	5.921	63	168042	20.478	ug/l 98
25) 2-Butanone	6.896	43	136875	109.318	ug/l 97
26) 2,2-Dichloropropane	6.890	77	156830	20.828	ug/l 98
27) cis-1,2-Dichloroethene	6.896	96	120927	20.691	ug/l 97
28) Bromochloromethane	7.250	49	62703	20.468	ug/l 97
29) Tetrahydrofuran	7.262	42	63479	89.405	ug/l 97
30) Chloroform	7.427	83	191925	21.287	ug/l 99
31) Cyclohexane	7.701	56	139700	19.494	ug/l 98
32) 1,1,1-Trichloroethane	7.622	97	174314	21.275	ug/l 99
36) 1,1-Dichloropropene	7.841	75	131113	21.950	ug/l 99
37) Ethyl Acetate	6.988	43	48955	20.687	ug/l 96
38) Carbon Tetrachloride	7.823	117	161193	22.255	ug/l 99
39) Methylcyclohexane	9.110	83	162661	20.915	ug/l 97
40) Benzene	8.085	78	411436	21.750	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	64682	50.538	ug/l #	27
42) 1,2-Dichloroethane	8.158	62	101924	20.892	ug/l	99
43) Isopropyl Acetate	8.201	43	88923	18.845	ug/l	99
44) Trichloroethene	8.866	130	120132	21.697	ug/l	97
45) 1,2-Dichloropropane	9.140	63	90049	21.552	ug/l	99
46) Dibromomethane	9.231	93	57491	21.760	ug/l	99
47) Bromodichloromethane	9.427	83	145888	21.925	ug/l	95
48) Methyl methacrylate	9.225	41	43063	19.426	ug/l	97
49) 1,4-Dioxane	9.231	88	11629	379.630	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	238175	97.693	ug/l	100
52) Toluene	10.170	92	269904	21.975	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	120451	20.818	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	144723	21.194	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	78396	22.066	ug/l	98
56) Ethyl methacrylate	10.439	69	80281	19.589	ug/l	97
57) 1,3-Dichloropropane	10.719	76	120593	21.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	176367	96.064	ug/l	99
59) 2-Hexanone	10.762	43	189776	108.923	ug/l	100
60) Dibromochloromethane	10.914	129	112082	22.501	ug/l	99
61) 1,2-Dibromoethane	11.018	107	73375	21.655	ug/l	96
64) Tetrachloroethene	10.646	164	150911	22.391	ug/l	98
65) Chlorobenzene	11.444	112	302969	21.341	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	110864	21.914	ug/l	99
67) Ethyl Benzene	11.518	91	487243	21.203	ug/l	100
68) m/p-Xylenes	11.627	106	401271	43.535	ug/l	100
69) o-Xylene	11.957	106	180613	20.891	ug/l	99
70) Styrene	11.969	104	308279	21.684	ug/l	100
71) Bromoform	12.133	173	68250	21.749	ug/l #	100
73) Isopropylbenzene	12.255	105	479145	20.761	ug/l	100
74) N-amyl acetate	12.072	43	73705	17.780	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	76342	20.224	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	100821	32.630	ug/l #	100
77) Bromobenzene	12.530	156	128278	20.907	ug/l	98
78) n-propylbenzene	12.597	91	568456	21.284	ug/l	99
79) 2-Chlorotoluene	12.676	91	325763	20.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	399537	21.423	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24366	19.338	ug/l	99
82) 4-Chlorotoluene	12.773	91	340719	21.153	ug/l	99
83) tert-Butylbenzene	12.999	119	362720	21.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	395505	21.249	ug/l	100
85) sec-Butylbenzene	13.176	105	529632	21.441	ug/l	100
86) p-Isopropyltoluene	13.292	119	445495	21.183	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	252244	21.112	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	252745	21.418	ug/l	100
89) n-Butylbenzene	13.615	91	380966	20.789	ug/l	99
90) Hexachloroethane	13.877	117	97226	21.494	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	221975	21.190	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12241	19.763	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	130921	20.048	ug/l	99
94) Hexachlorobutadiene	15.023	225	89491	21.983	ug/l	99
95) Naphthalene	15.145	128	189842	18.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	114341	20.214	ug/l	100

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QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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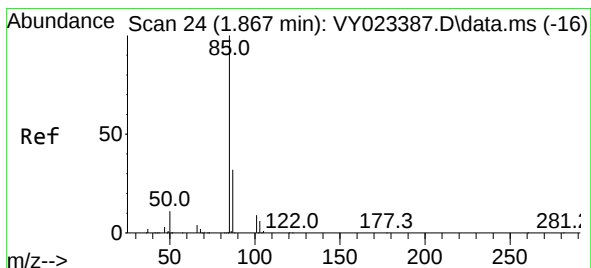
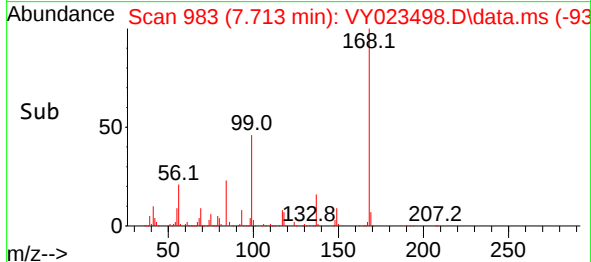
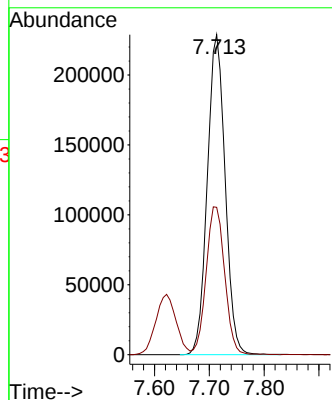
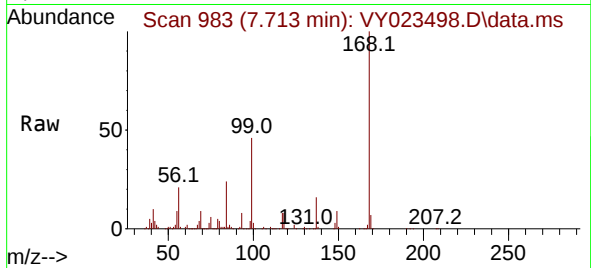
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

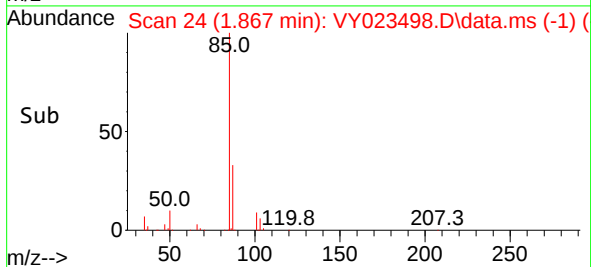
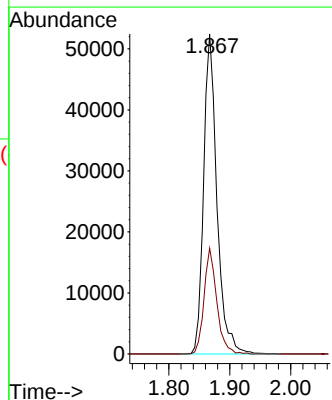
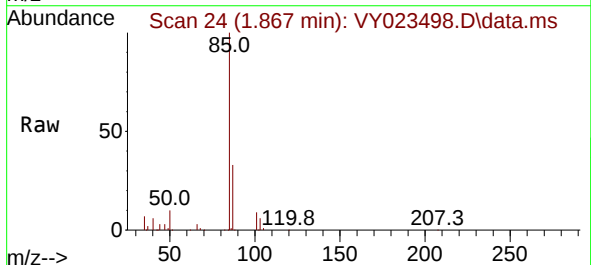
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 515174
Ion Ratio Lower Upper
168 100
99 46.0 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 21.487 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 85 Resp: 79678
Ion Ratio Lower Upper
85 100
87 33.0 16.0 47.9

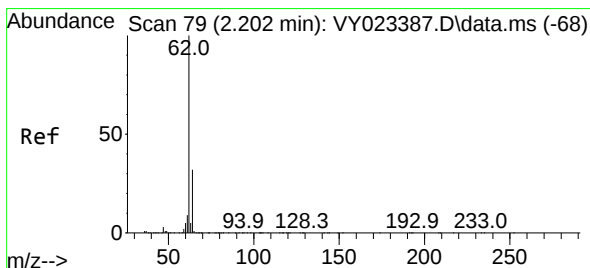
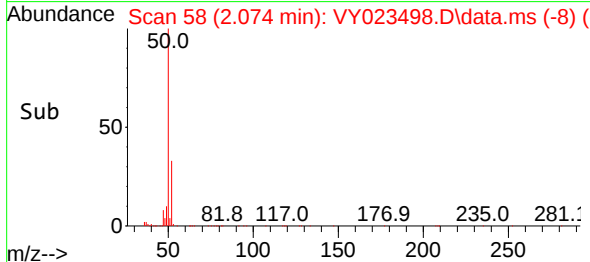
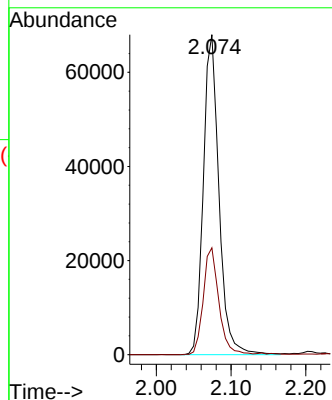
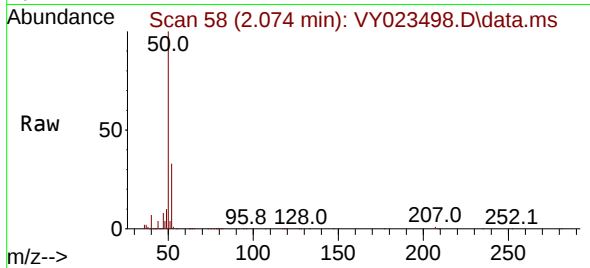




#3
Chloromethane
Concen: 19.541 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

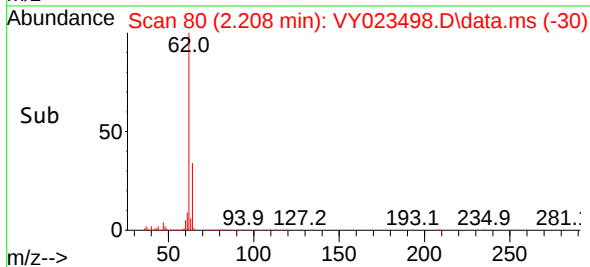
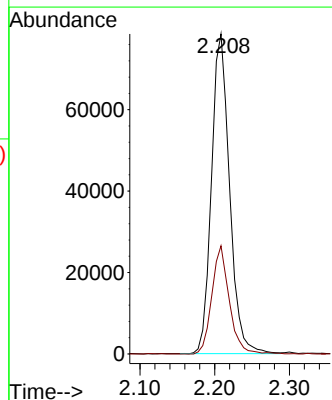
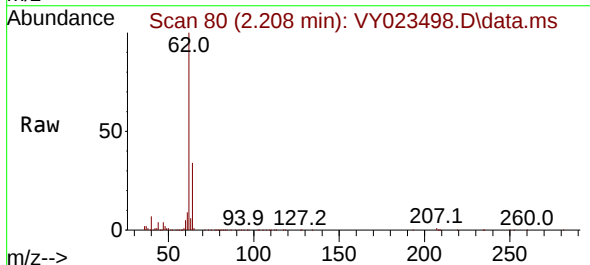
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ClientSampleId :

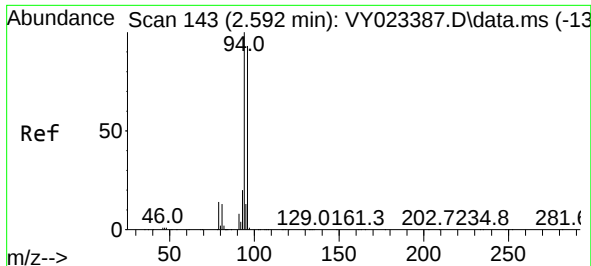
Tgt Ion: 50 Resp: 98710
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 20.016 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 62 Resp: 131697
Ion Ratio Lower Upper
62 100
64 33.9 25.8 38.8

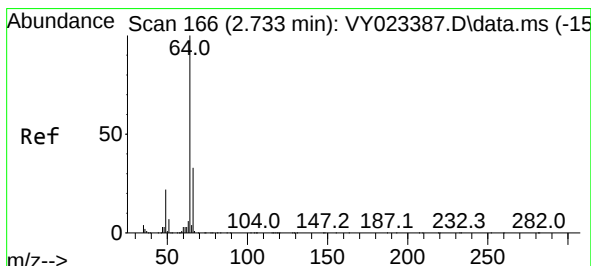
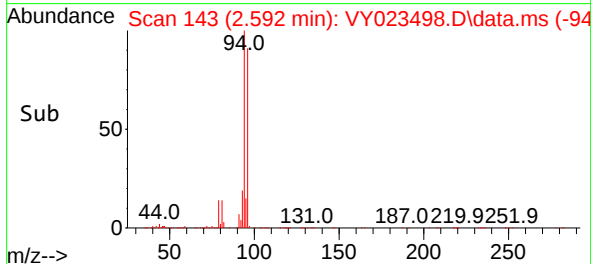
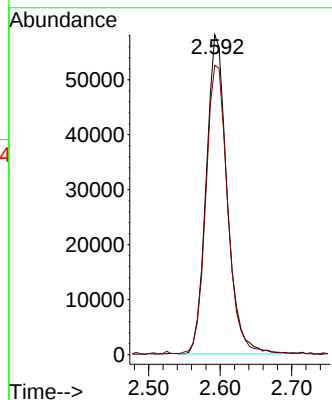
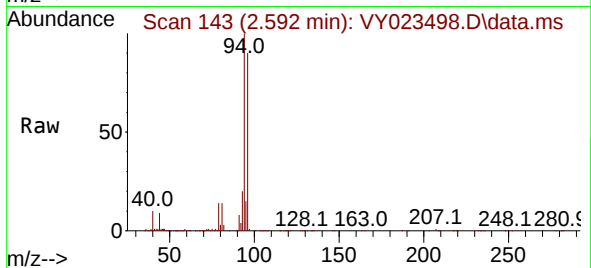




#5
Bromomethane
Concen: 21.283 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

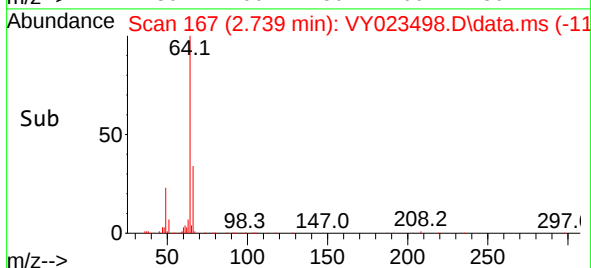
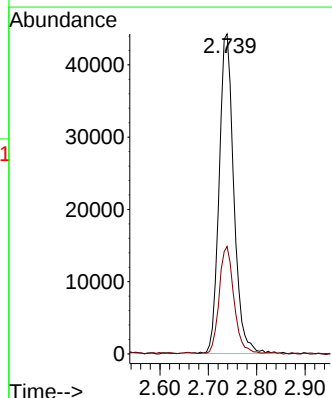
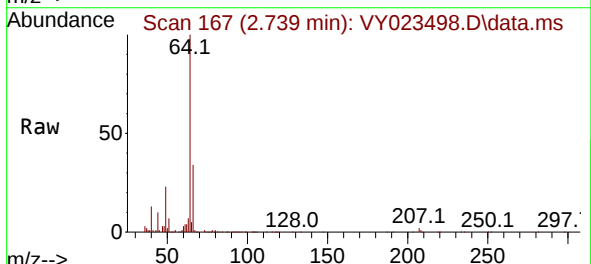
Instrument :
MSVOA_Y
ClientSampleId :

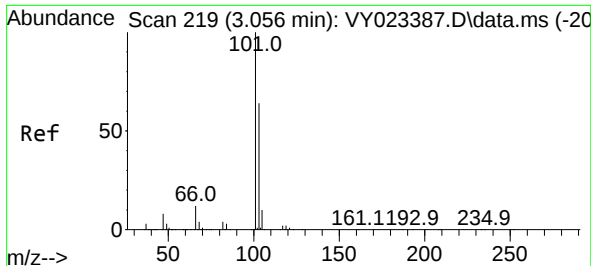
Tgt Ion: 94 Resp: 117516
Ion Ratio Lower Upper
94 100
96 90.3 74.5 111.7



#6
Chloroethane
Concen: 20.790 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 64 Resp: 93244
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4

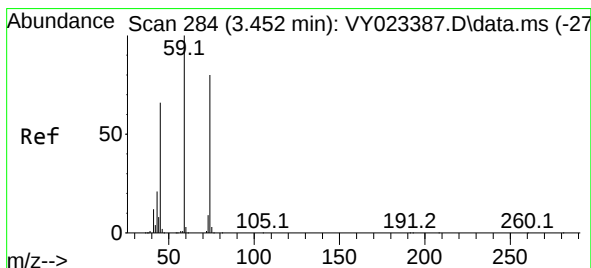
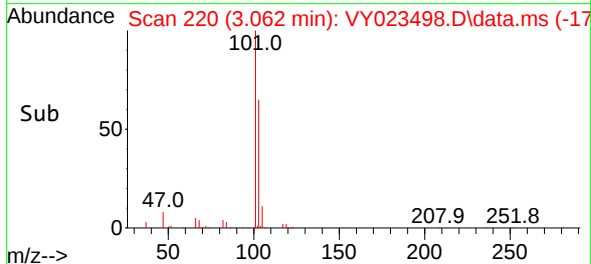
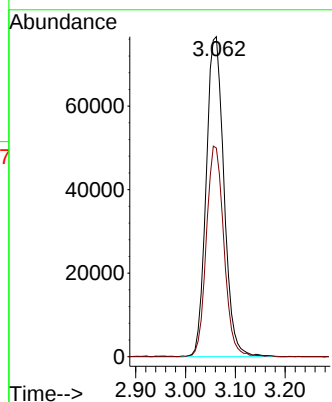
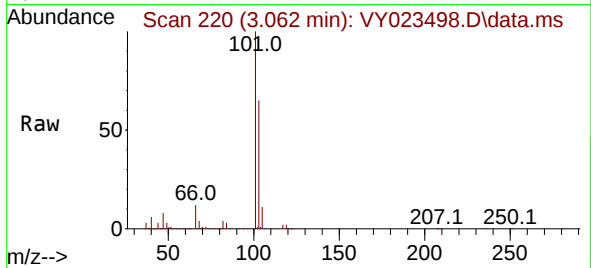




#7
Trichlorofluoromethane
Concen: 20.782 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

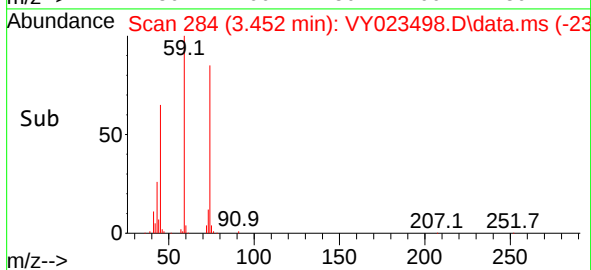
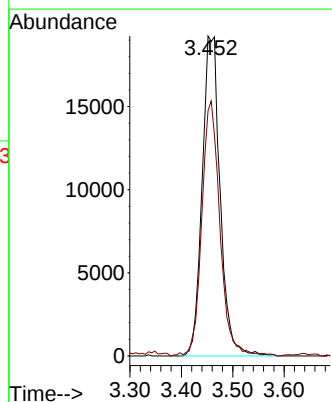
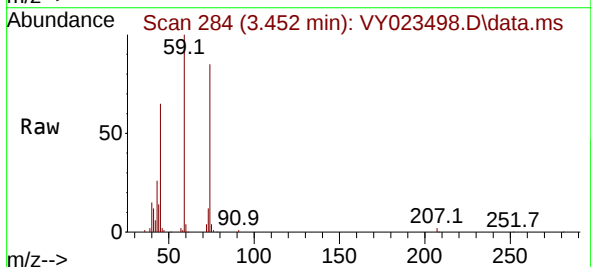
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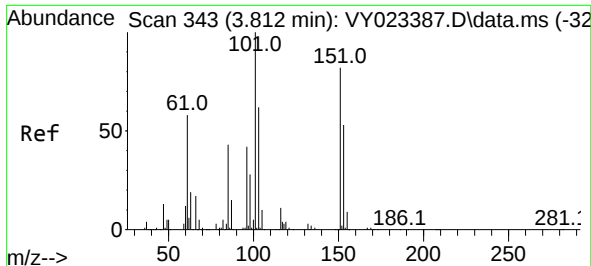
Tgt Ion:101 Resp: 189853
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9



#8
Diethyl Ether
Concen: 19.619 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 74 Resp: 46834
Ion Ratio Lower Upper
74 100
45 79.8 39.9 119.7

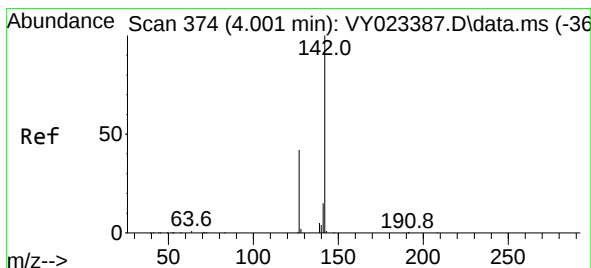
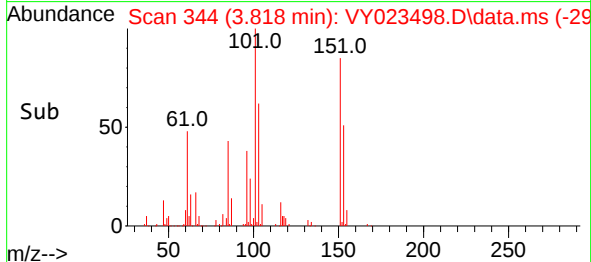
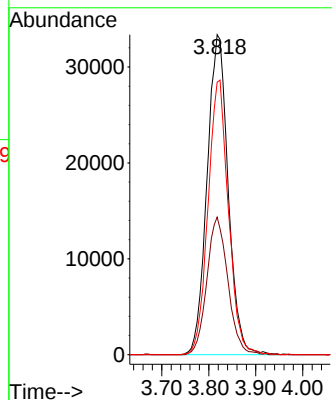
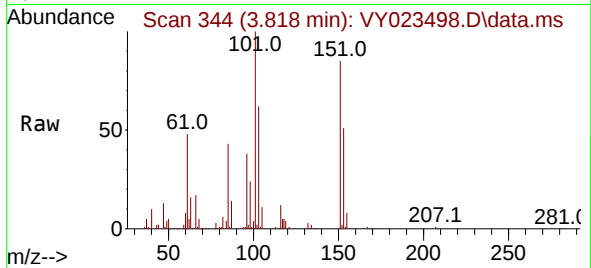




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.930 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

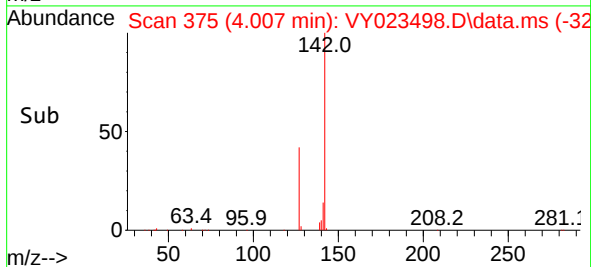
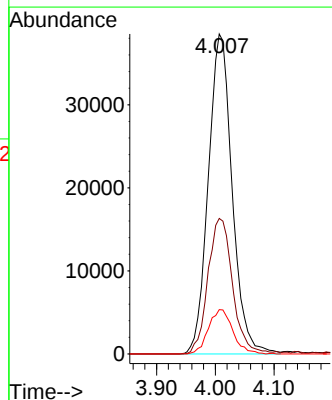
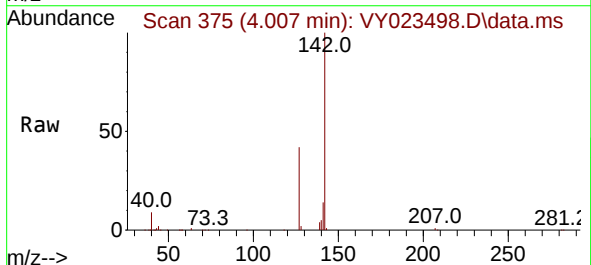
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Tgt Ion:101 Resp: 103962
Ion Ratio Lower Upper
101 100
85 42.9 34.6 51.8
151 83.3 67.0 100.6



#10
Methyl Iodide
Concen: 20.603 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion:142 Resp: 108732
Ion Ratio Lower Upper
142 100
127 43.7 34.8 52.2
141 14.2 11.6 17.4

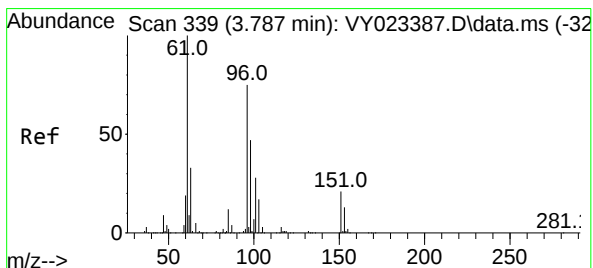
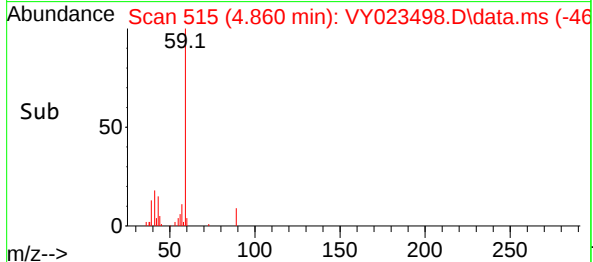
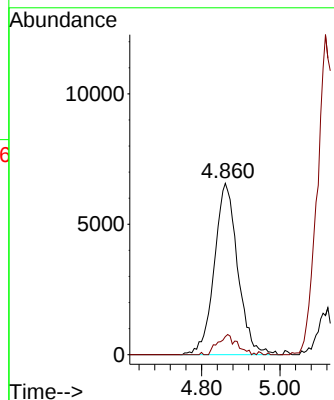
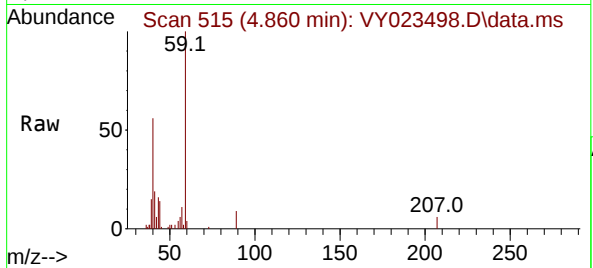




#11
Tert butyl alcohol
Concen: 84.996 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

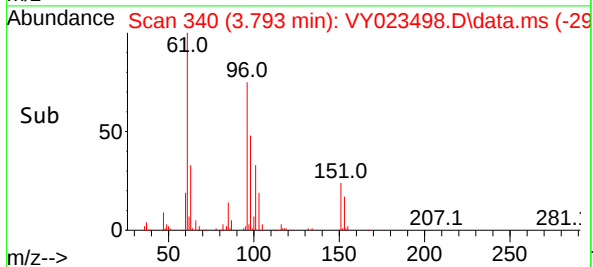
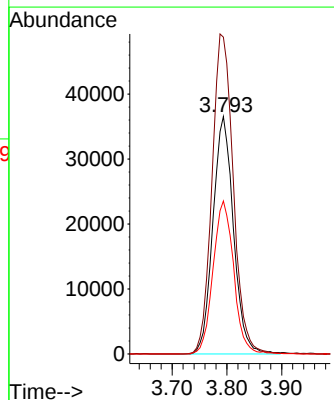
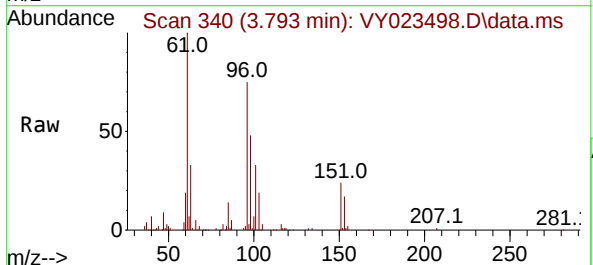
Instrument :
MSVOA_Y
ClientSampleId :

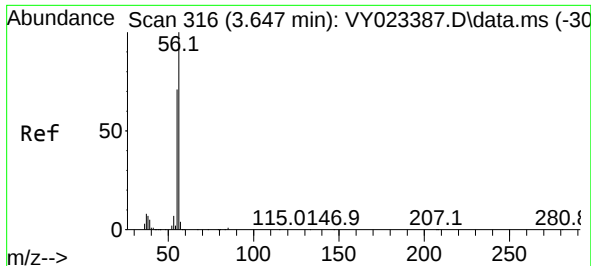
Tgt Ion: 59 Resp: 27240
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.701 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 96 Resp: 95131
Ion Ratio Lower Upper
96 100
61 133.5 106.7 160.1
98 64.4 50.2 75.4

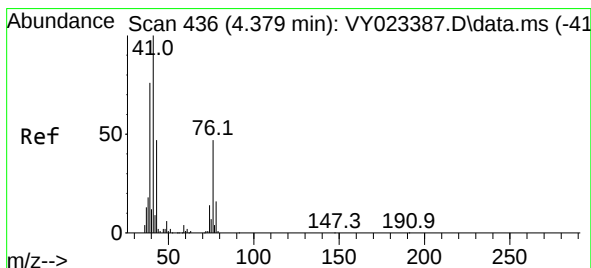
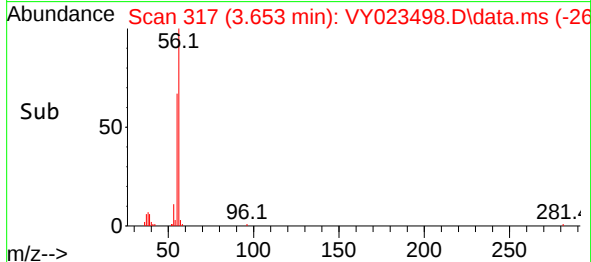
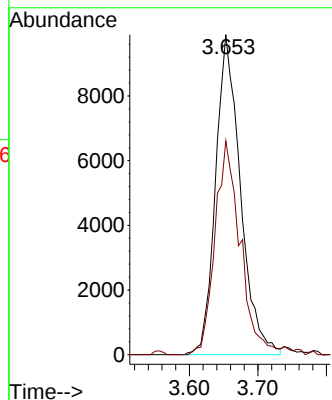
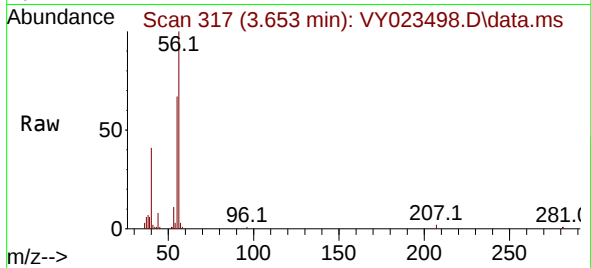




#13
Acrolein
Concen: 54.940 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

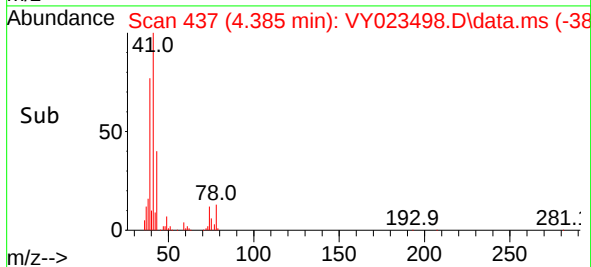
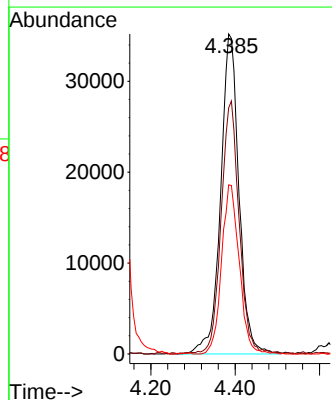
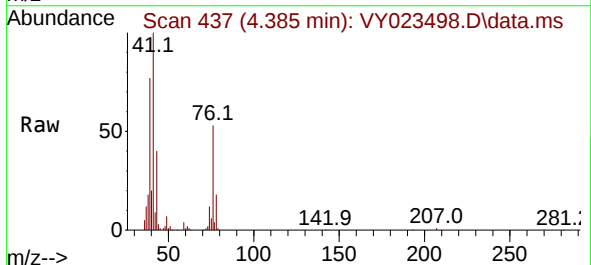
Instrument :
MSVOA_Y
ClientSampleId :

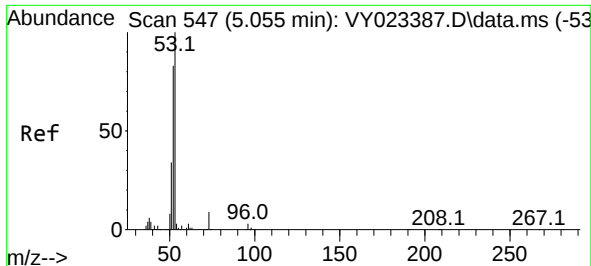
Tgt Ion: 56 Resp: 24880
Ion Ratio Lower Upper
56 100
55 67.9 56.1 84.1



#14
Allyl chloride
Concen: 18.915 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 41 Resp: 105936
Ion Ratio Lower Upper
41 100
39 78.0 59.9 89.9
76 50.9 38.0 57.0

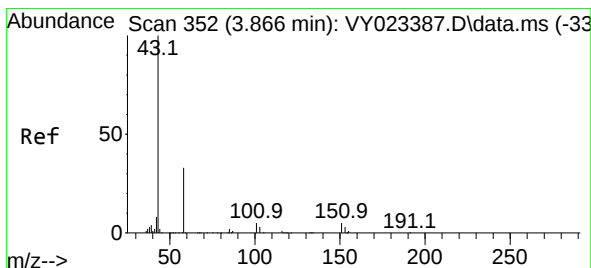
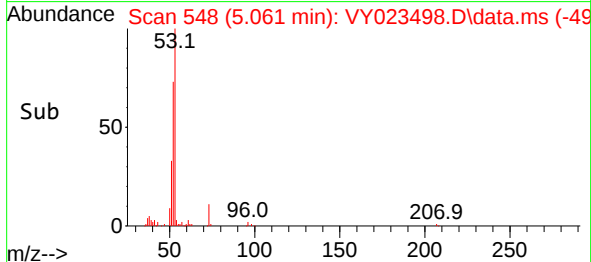
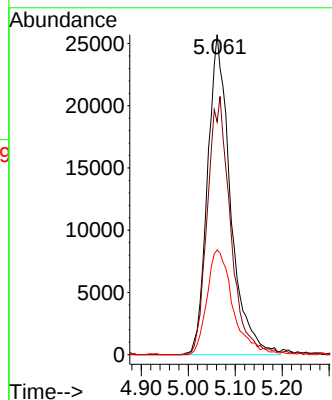
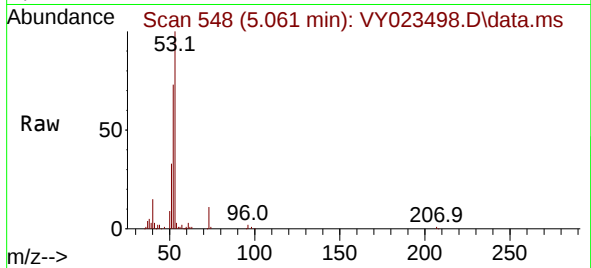




#15
Acrylonitrile
Concen: 95.253 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

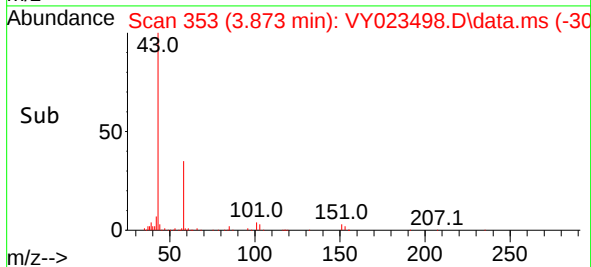
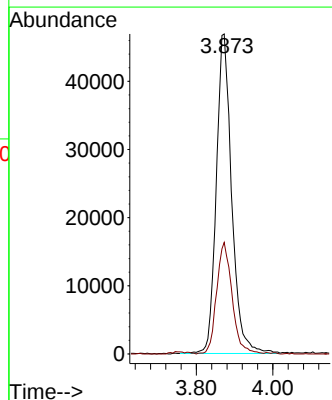
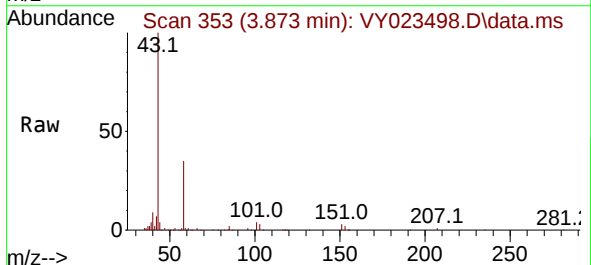
Instrument :
MSVOA_Y
ClientSampleId :

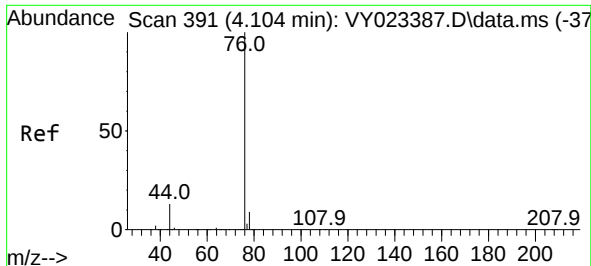
Tgt Ion: 53 Resp: 87019
Ion Ratio Lower Upper
53 100
52 81.2 64.6 97.0
51 37.4 29.5 44.3



#16
Acetone
Concen: 127.663 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 43 Resp: 130930
Ion Ratio Lower Upper
43 100
58 34.9 27.7 41.5

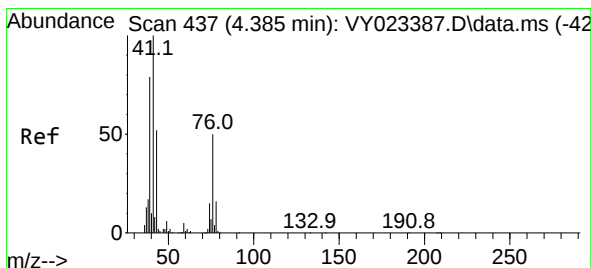
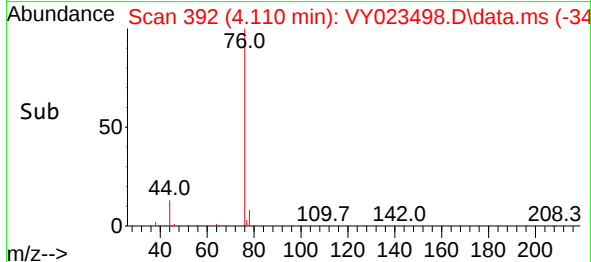
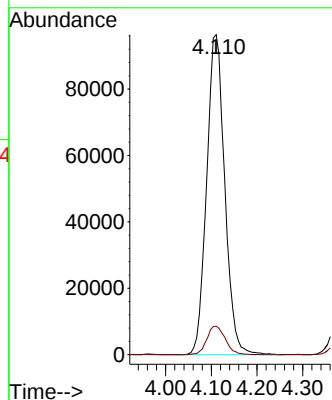
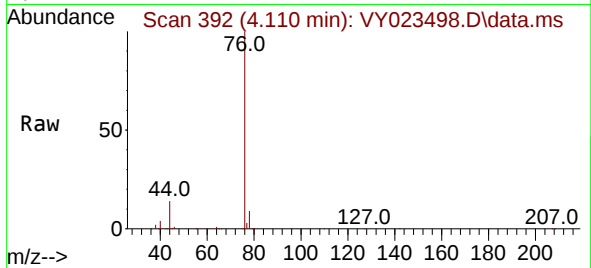




#17
Carbon Disulfide
Concen: 20.179 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

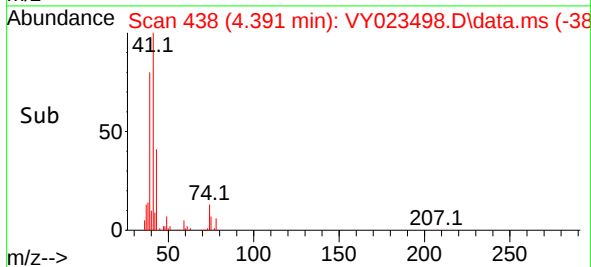
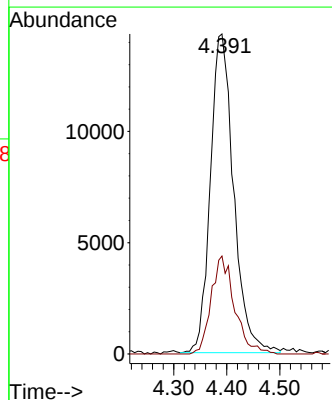
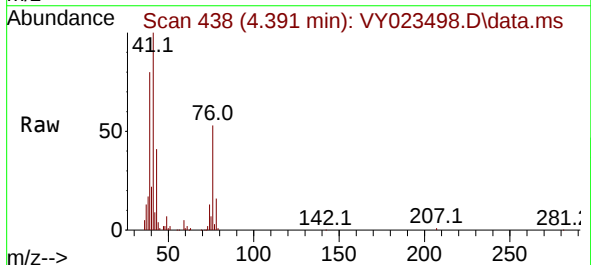
Instrument :
MSVOA_Y
ClientSampleId :

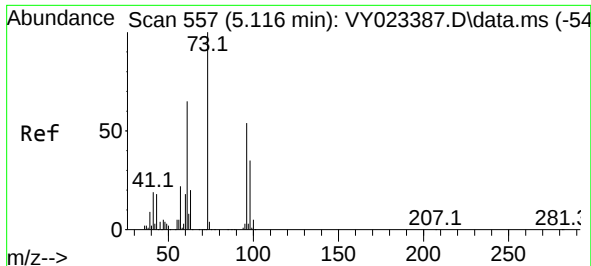
Tgt Ion: 76 Resp: 265408
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 16.201 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 43 Resp: 43585
Ion Ratio Lower Upper
43 100
74 31.0 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 19.464 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

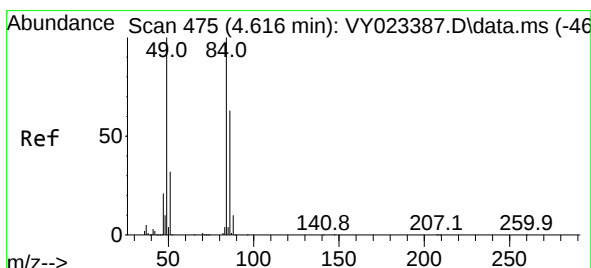
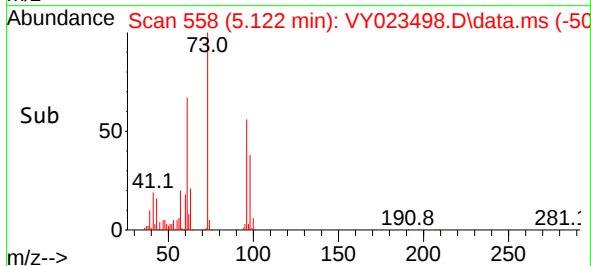
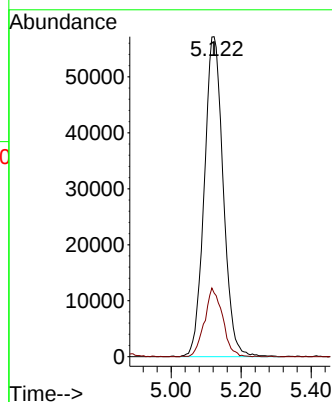
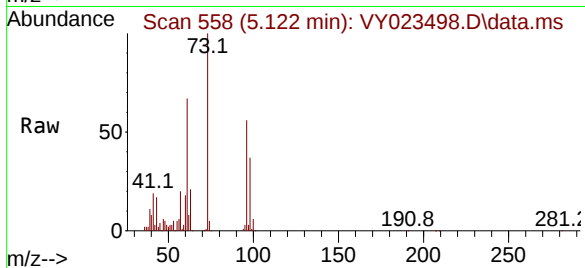
ClientSampleId :

Tgt Ion: 73 Resp: 214978

Ion Ratio Lower Upper

73 100

57 19.9 17.4 26.0



#20

Methylene Chloride

Concen: 18.729 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Tgt Ion: 84 Resp: 103866

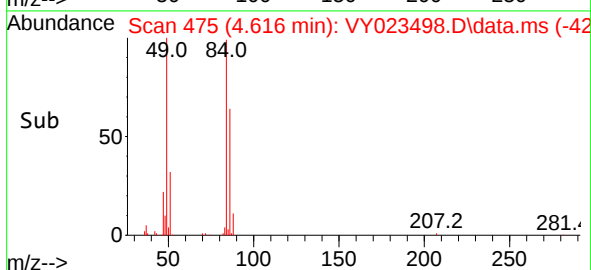
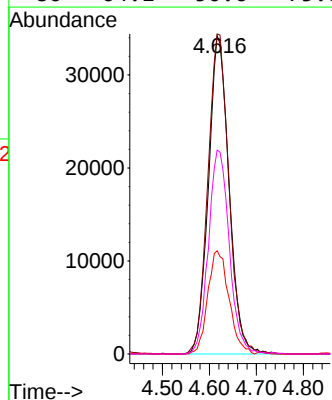
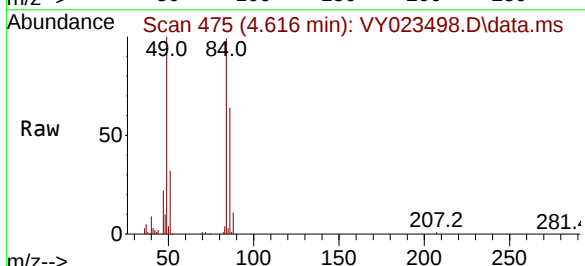
Ion Ratio Lower Upper

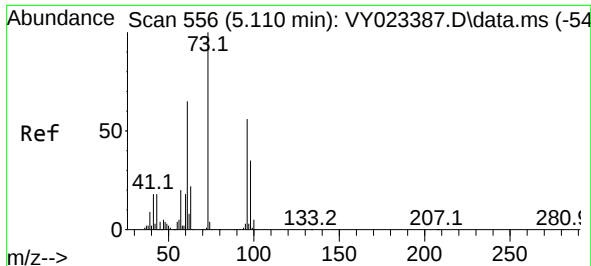
84 100

49 100.6 80.2 120.4

51 32.4 25.9 38.9

86 64.1 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.850 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

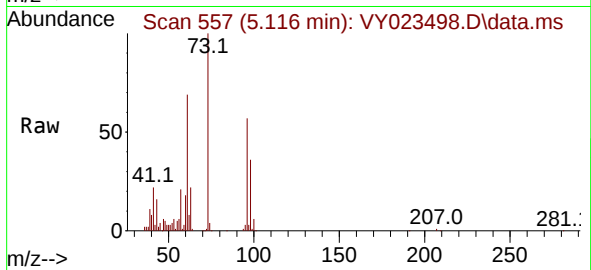
Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :



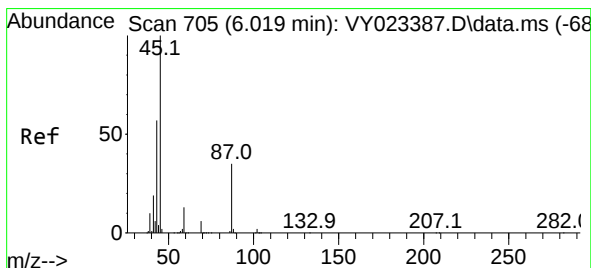
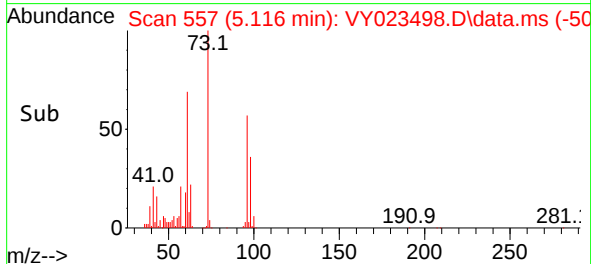
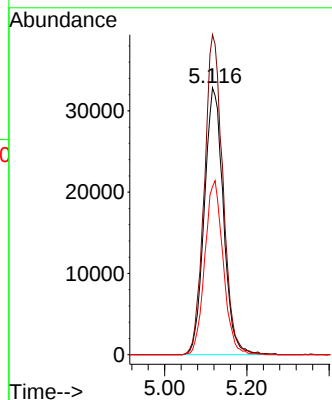
Tgt Ion: 96 Resp: 105489

Ion Ratio Lower Upper

96 100

61 119.9 92.7 139.1

98 62.9 49.7 74.5



#22

Diisopropyl ether

Concen: 19.839 ug/l

RT: 6.025 min Scan# 706

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Tgt Ion: 45 Resp: 245767

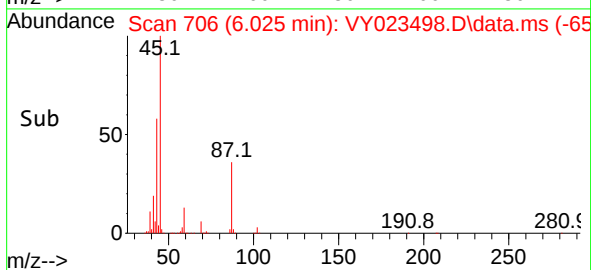
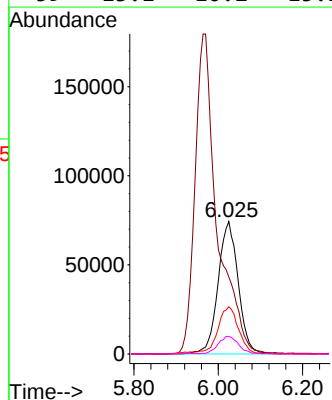
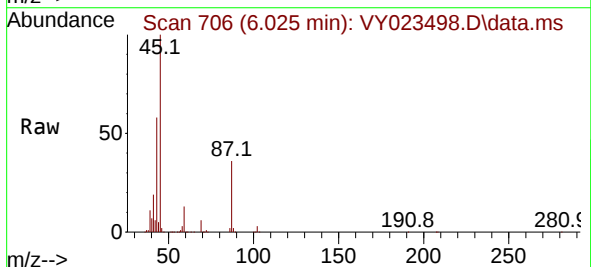
Ion Ratio Lower Upper

45 100

43 57.3 45.6 68.4

87 35.6 28.1 42.1

59 13.1 10.2 15.2

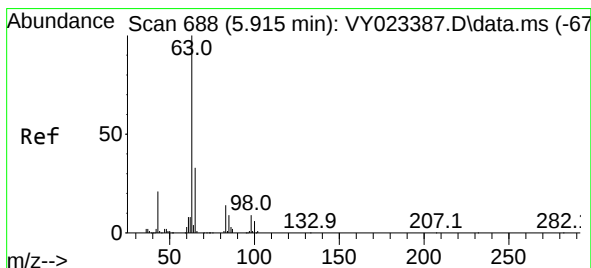
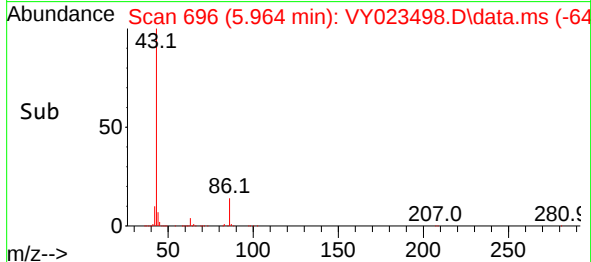
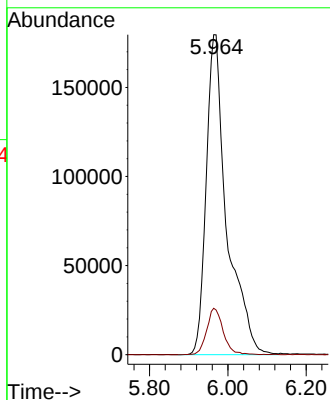
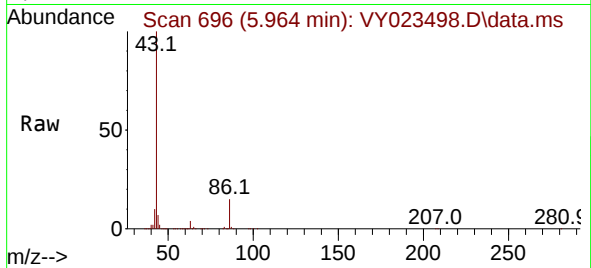




#23
 Vinyl Acetate
 Concen: 97.381 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023498.D
 Acq: 20 Oct 2025 10:29

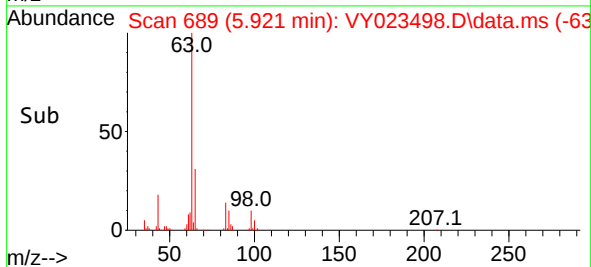
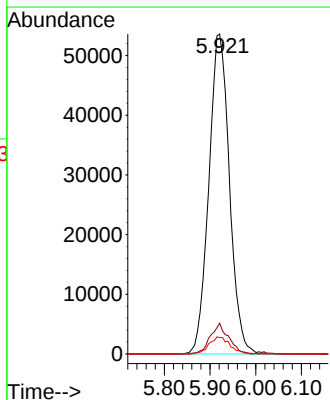
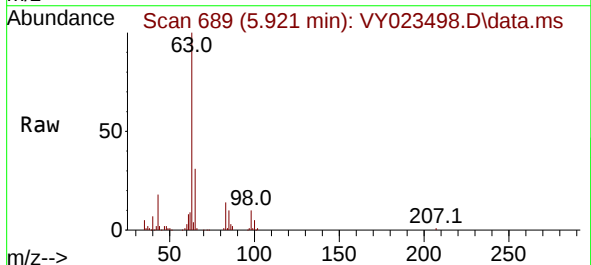
Instrument :
 MSVOA_Y
 ClientSampleId :

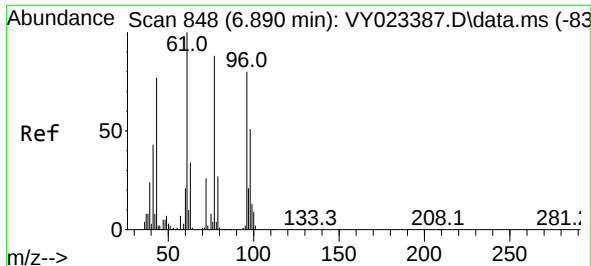
Tgt Ion: 43 Resp: 652990
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.478 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023498.D
 Acq: 20 Oct 2025 10:29

Tgt Ion: 63 Resp: 168042
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.3 13.1
 100 5.1 2.8 8.4

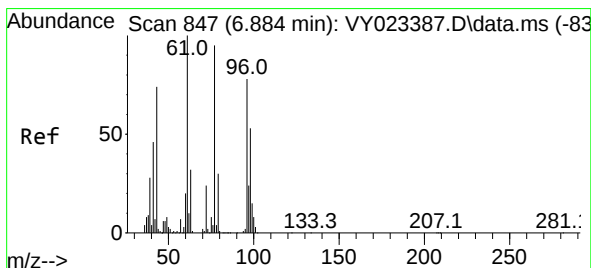
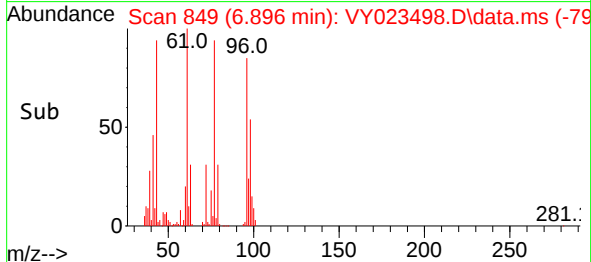
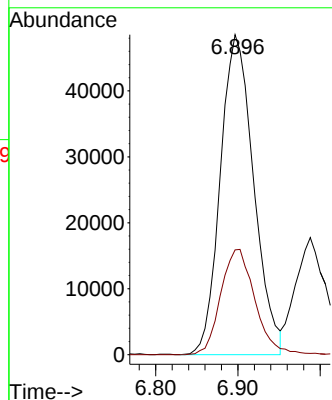
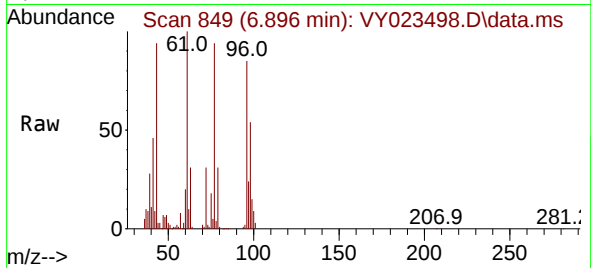




#25
2-Butanone
Concen: 109.318 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

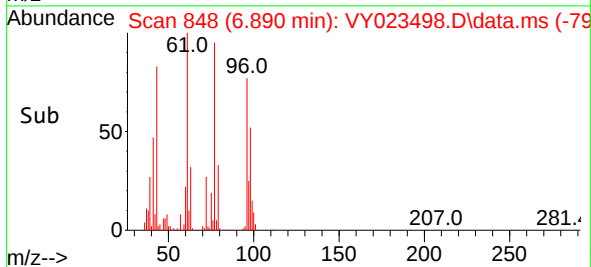
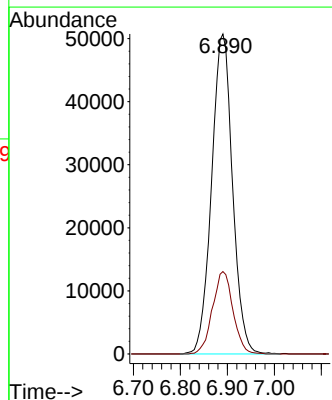
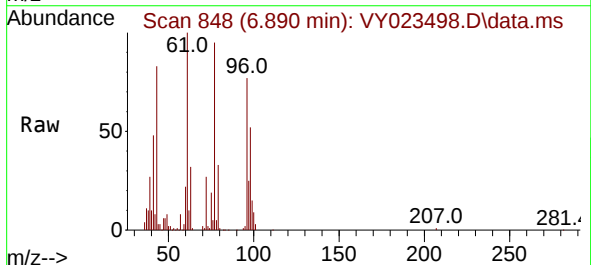
Instrument :
MSVOA_Y
ClientSampleId :

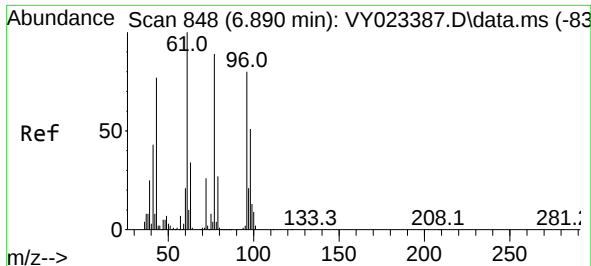
Tgt Ion: 43 Resp: 136875
Ion Ratio Lower Upper
43 100
72 32.7 27.4 41.2



#26
2,2-Dichloropropane
Concen: 20.828 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 77 Resp: 156830
Ion Ratio Lower Upper
77 100
97 25.2 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.691 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

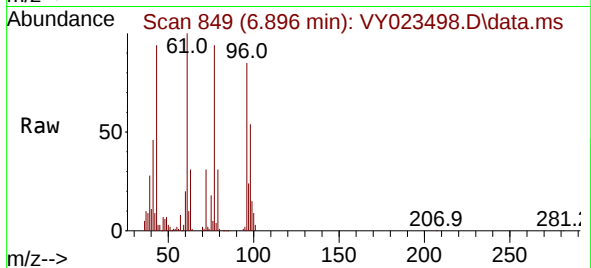
Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :



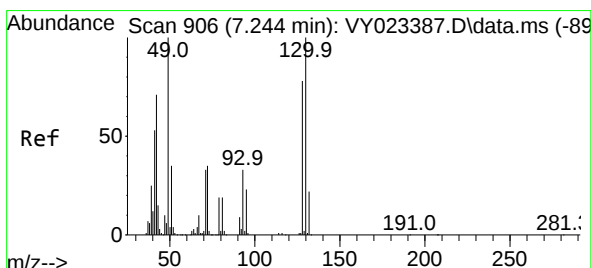
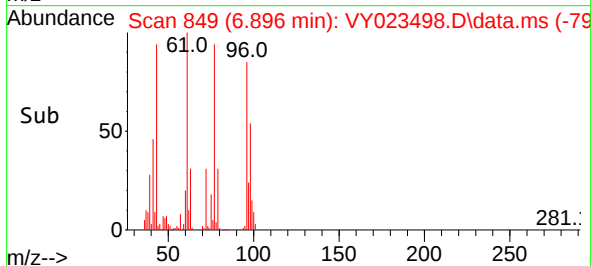
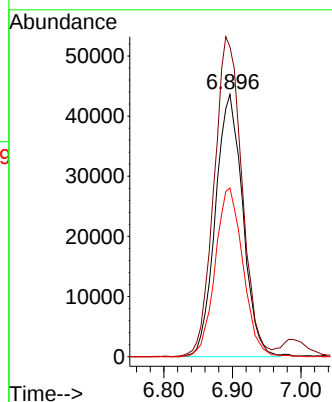
Tgt Ion: 96 Resp: 120927

Ion Ratio Lower Upper

96 100

61 124.3 0.0 258.2

98 65.4 0.0 132.0



#28

Bromochloromethane

Concen: 20.468 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

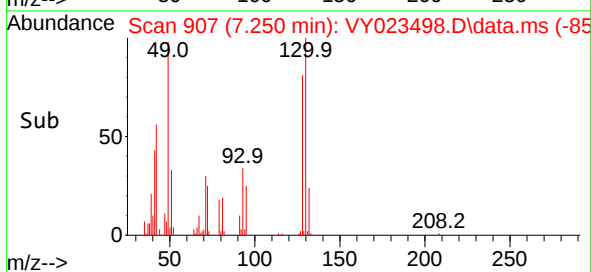
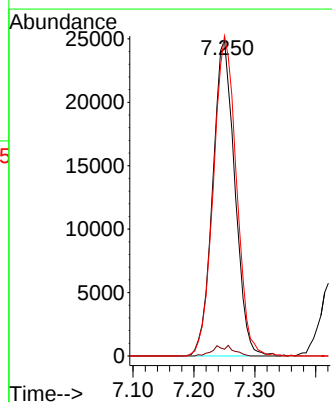
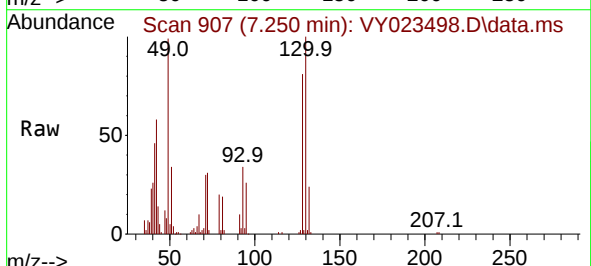
Tgt Ion: 49 Resp: 62703

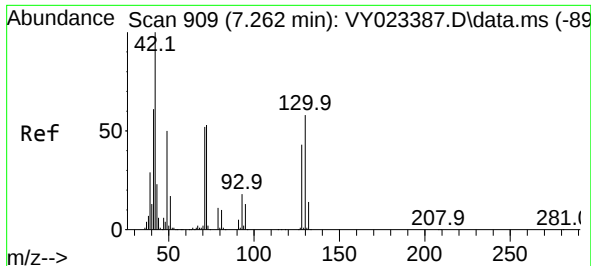
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.6

130 105.2 81.9 122.9





#29

Tetrahydrofuran

Concen: 89.405 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

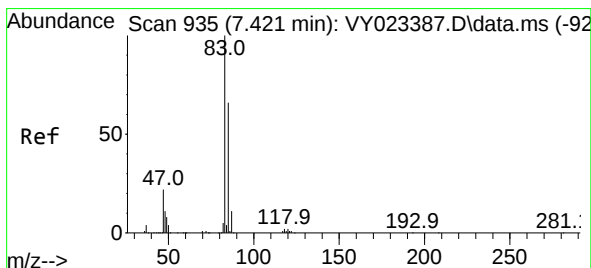
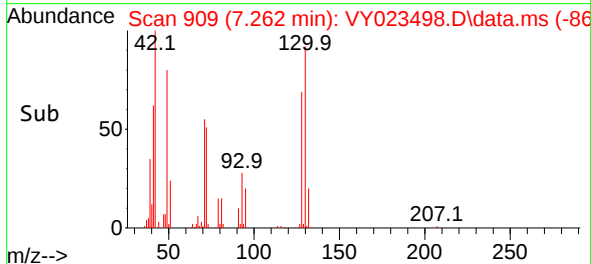
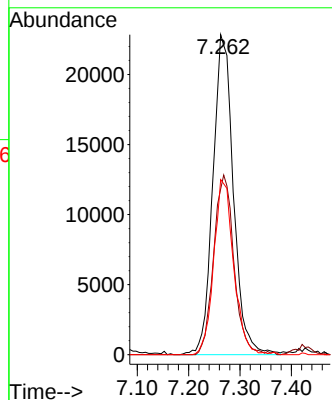
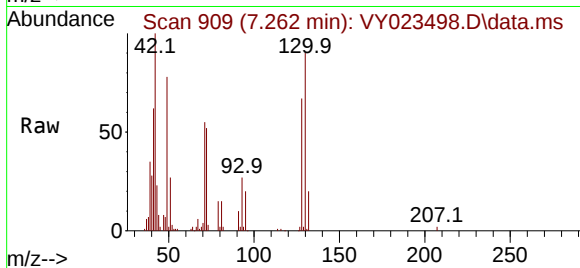
Tgt Ion: 42 Resp: 63479

Ion Ratio Lower Upper

42 100

72 55.3 43.0 64.6

71 53.1 40.1 60.1



#30

Chloroform

Concen: 21.287 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023498.D

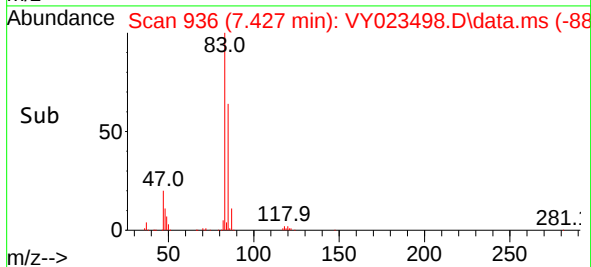
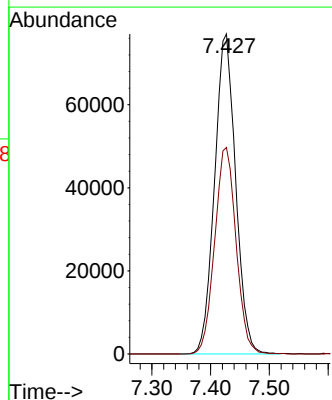
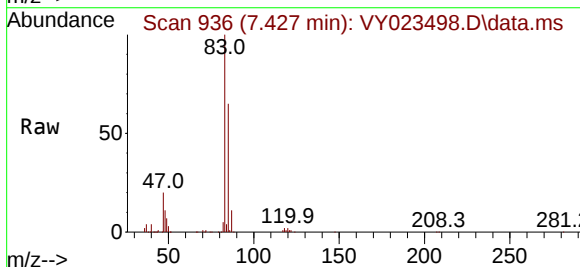
Acq: 20 Oct 2025 10:29

Tgt Ion: 83 Resp: 191925

Ion Ratio Lower Upper

83 100

85 64.5 52.5 78.7

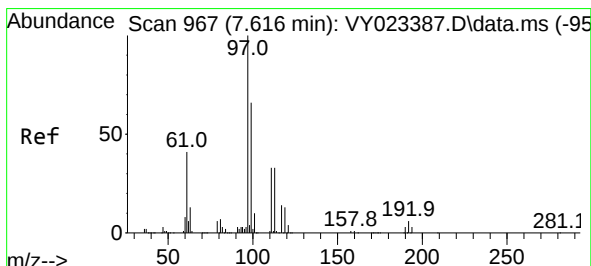
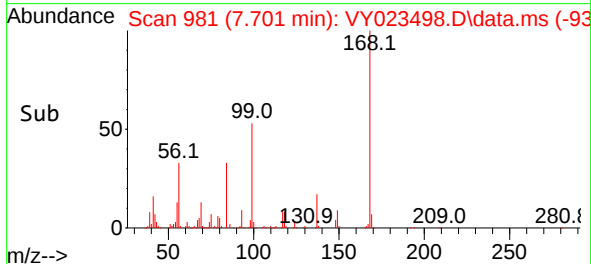
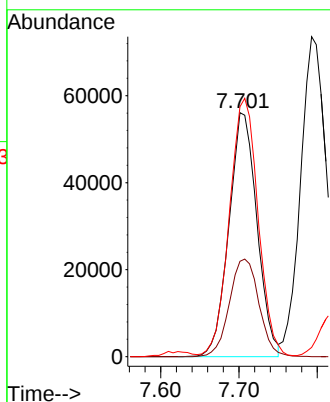
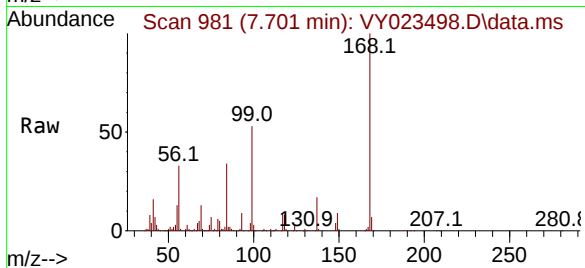




#31
Cyclohexane
Concen: 19.494 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

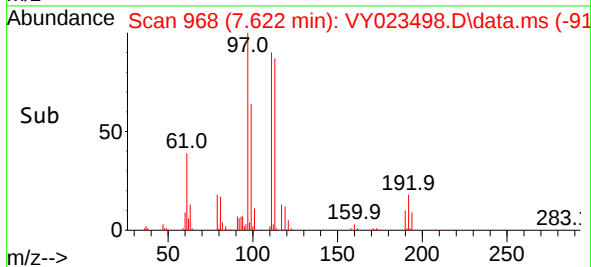
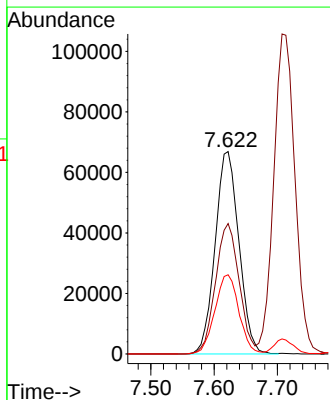
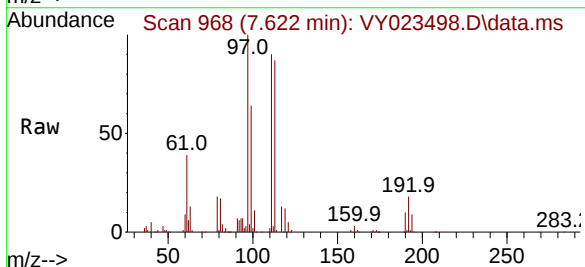
Instrument :
MSVOA_Y
ClientSampleId :

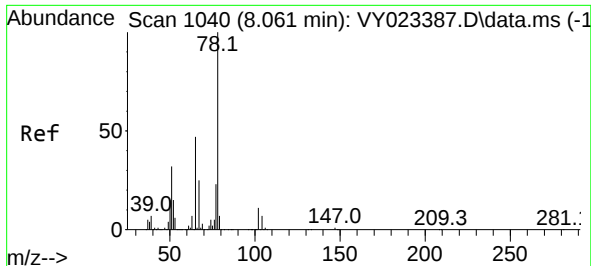
Tgt Ion: 56 Resp: 139700
Ion Ratio Lower Upper
56 100
69 39.1 30.0 45.0
84 100.3 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.275 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 97 Resp: 174314
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 39.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.998 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

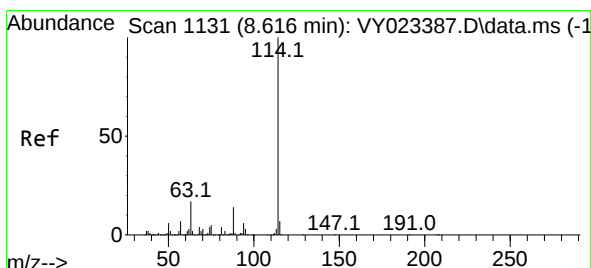
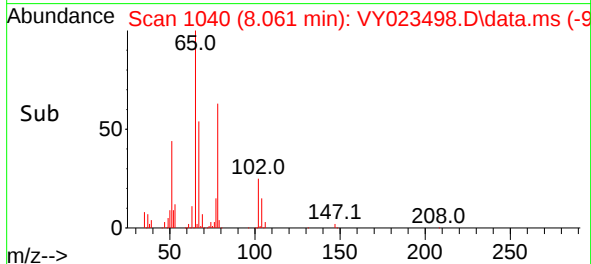
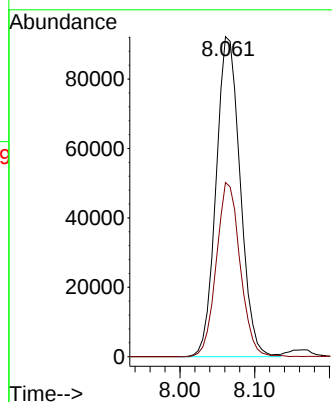
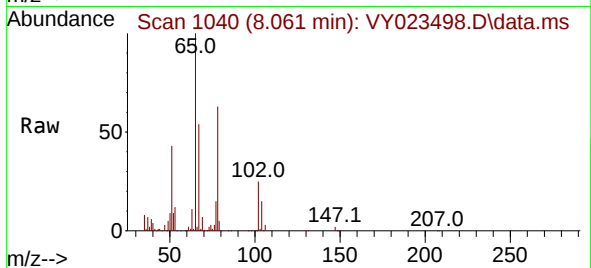
ClientSampleId :

Tgt Ion: 65 Resp: 206772

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

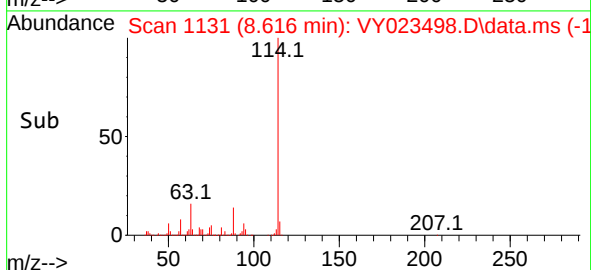
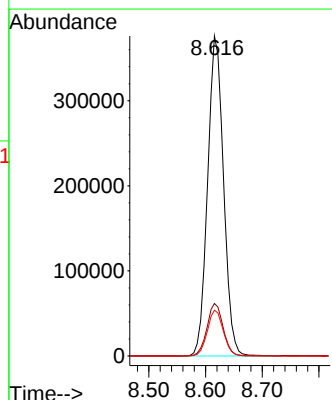
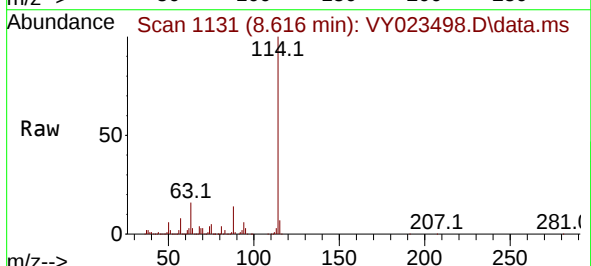
Tgt Ion: 114 Resp: 734290

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.2

88 14.3 0.0 28.4

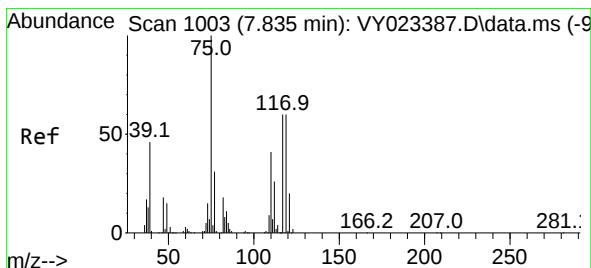
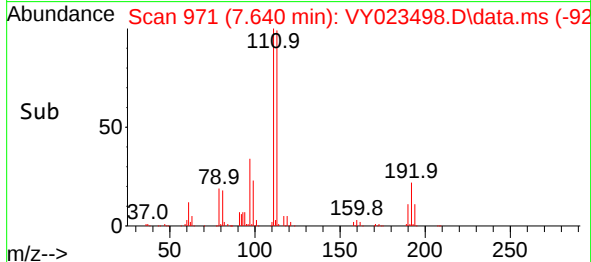
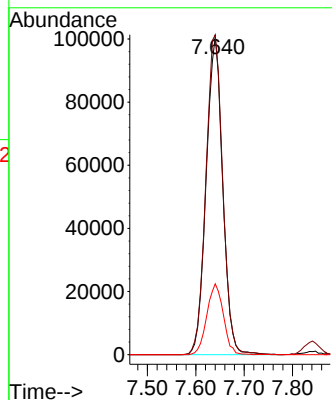
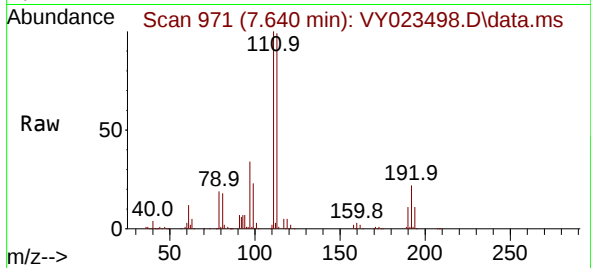




#35
Dibromofluoromethane
Concen: 52.970 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

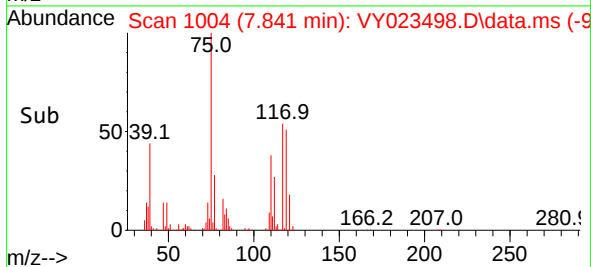
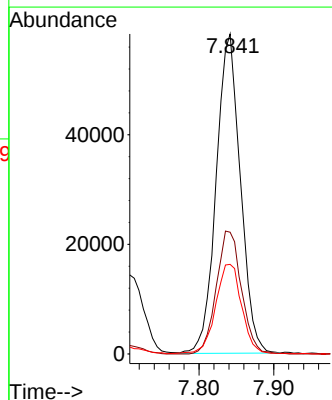
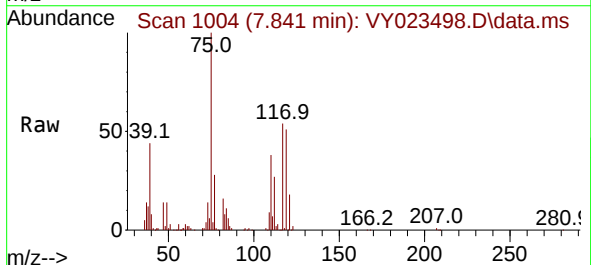
Instrument :
MSVOA_Y
ClientSampleId :

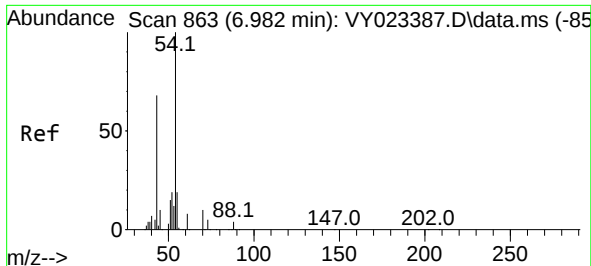
Tgt Ion:113 Resp: 238995
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 22.3 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.950 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 75 Resp: 131113
Ion Ratio Lower Upper
75 100
110 39.9 19.9 59.7
77 30.1 25.0 37.6





#37

Ethyl Acetate

Concen: 20.687 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

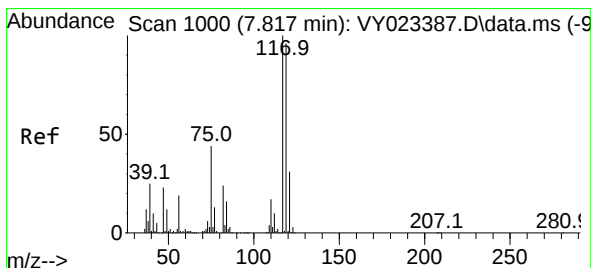
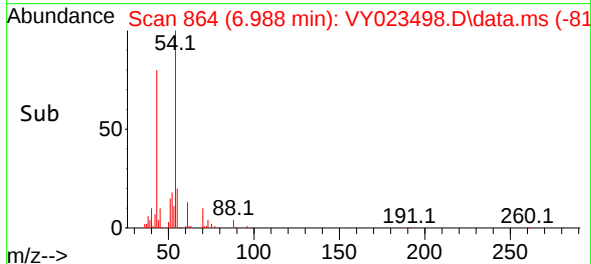
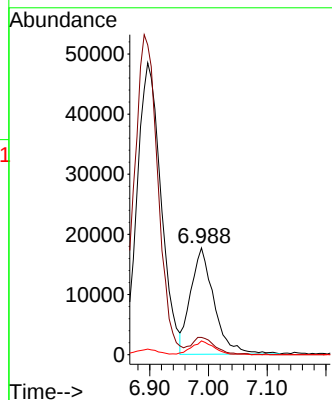
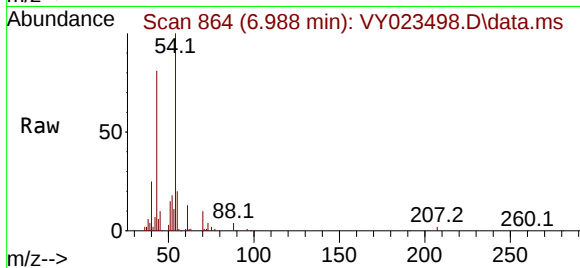
Tgt Ion: 43 Resp: 48955

Ion Ratio Lower Upper

43 100

61 16.1 11.8 17.8

70 11.4 10.5 15.7



#38

Carbon Tetrachloride

Concen: 22.255 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

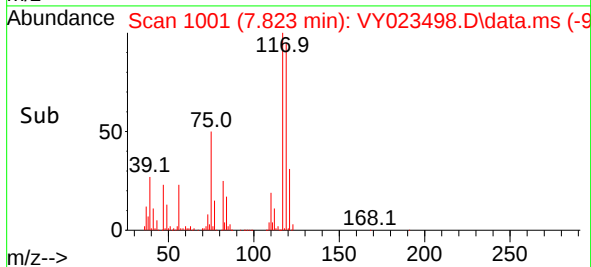
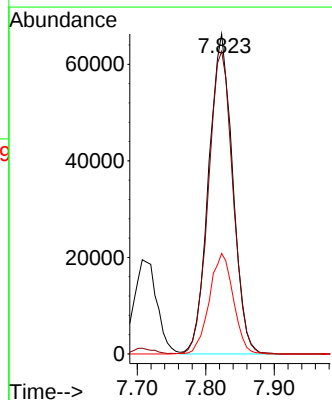
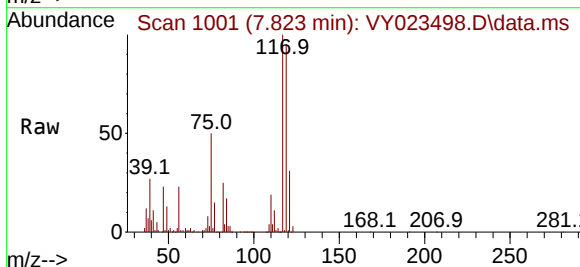
Tgt Ion: 117 Resp: 161193

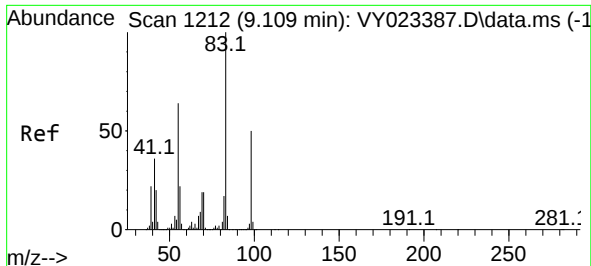
Ion Ratio Lower Upper

117 100

119 94.6 76.8 115.2

121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 20.915 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

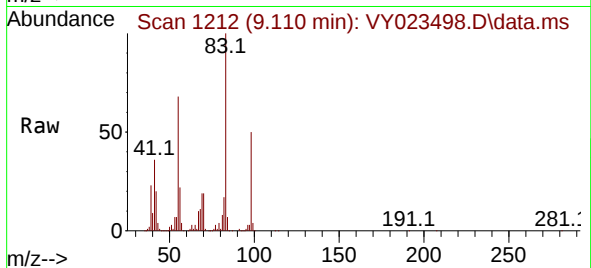
Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :



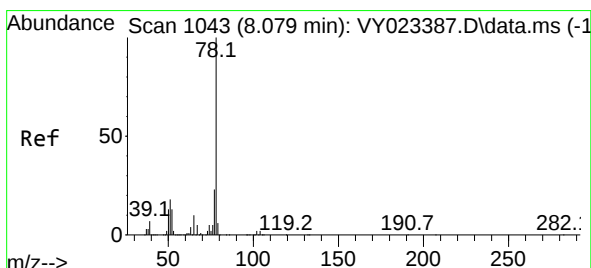
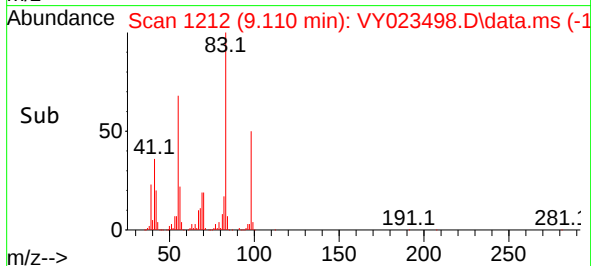
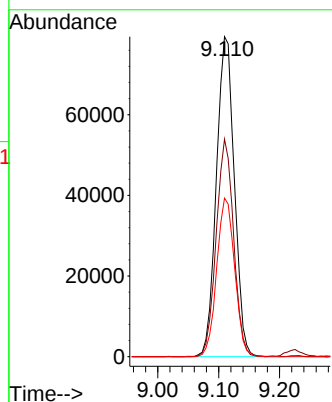
Tgt Ion: 83 Resp: 162661

Ion Ratio Lower Upper

83 100

55 68.0 51.4 77.2

98 49.5 40.4 60.6



#40

Benzene

Concen: 21.750 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023498.D

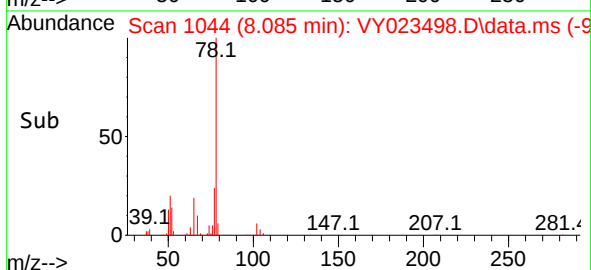
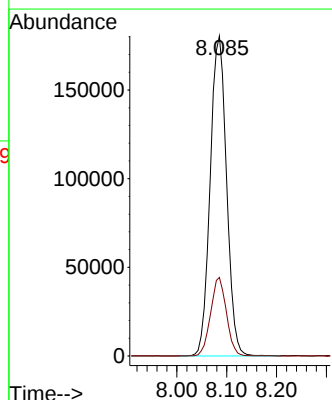
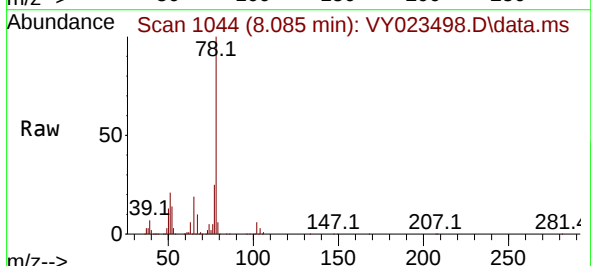
Acq: 20 Oct 2025 10:29

Tgt Ion: 78 Resp: 411436

Ion Ratio Lower Upper

78 100

77 24.6 18.3 27.5

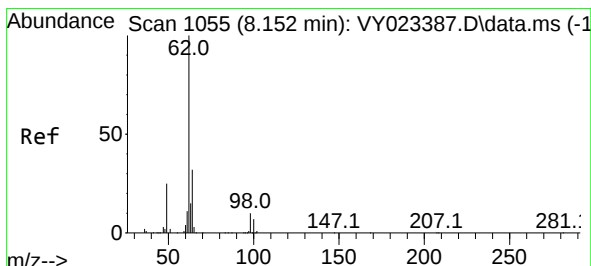
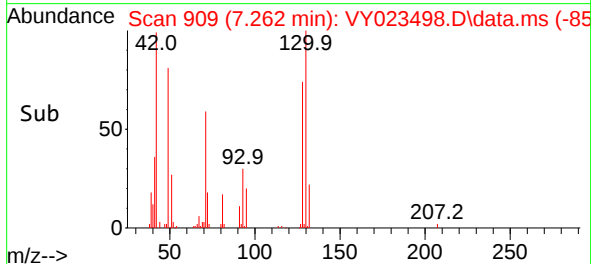
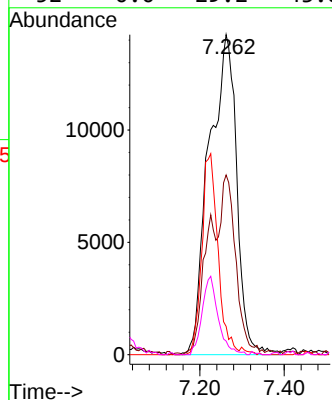
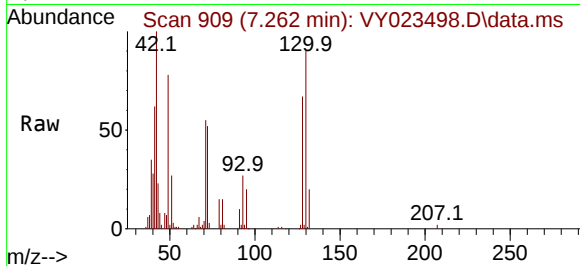




#41
Methacrylonitrile
Concen: 50.538 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

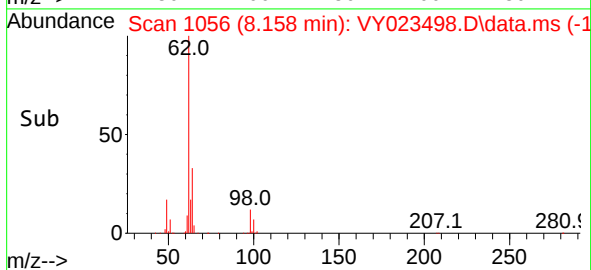
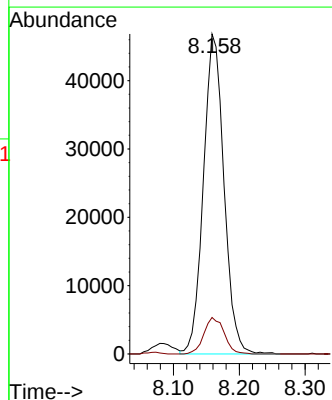
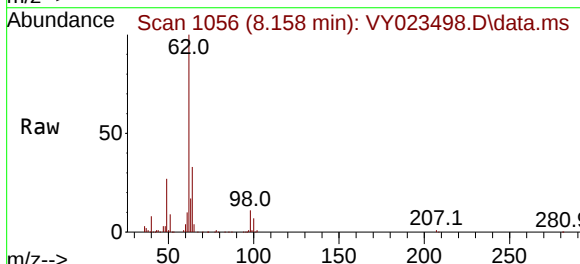
Instrument :
MSVOA_Y
ClientSampleId :

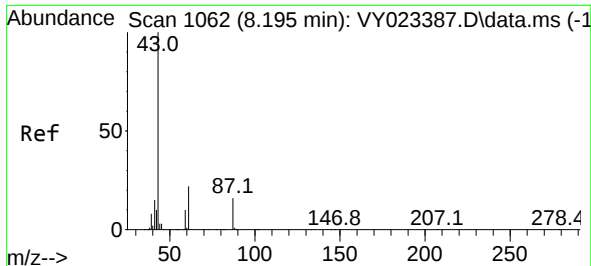
Tgt Ion: 41 Resp: 64682
Ion Ratio Lower Upper
41 100
39 29.3 52.2 78.4#
67 0.0 74.9 112.3#
52 0.0 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 20.892 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 62 Resp: 101924
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.6

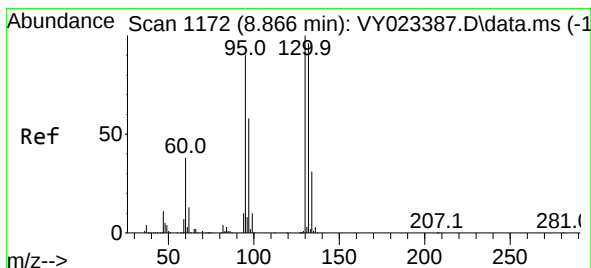
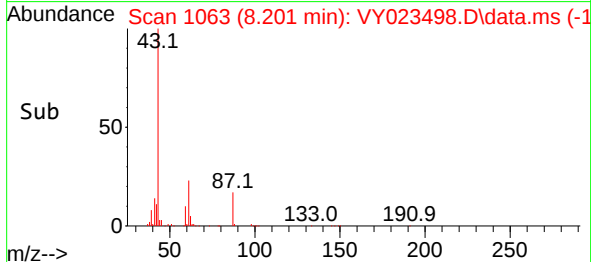
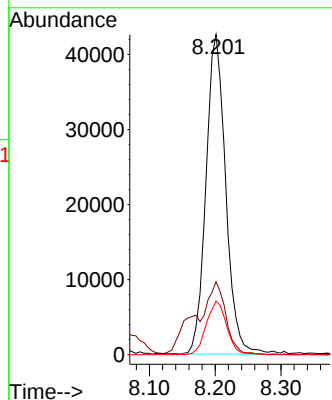
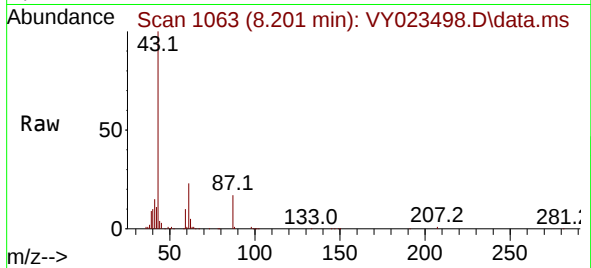




#43
Isopropyl Acetate
Concen: 18.845 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

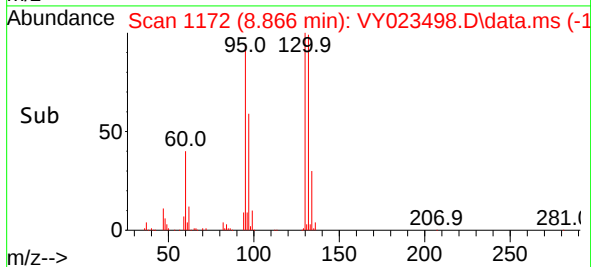
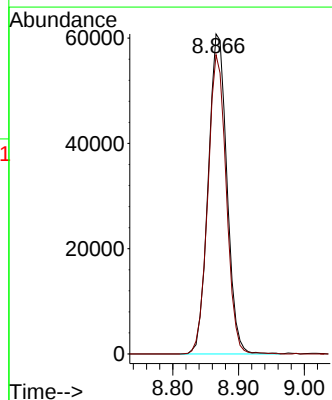
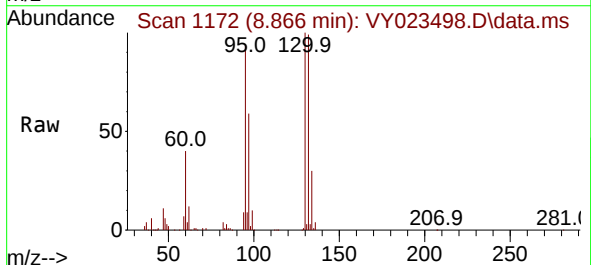
Instrument :
MSVOA_Y
ClientSampleId :

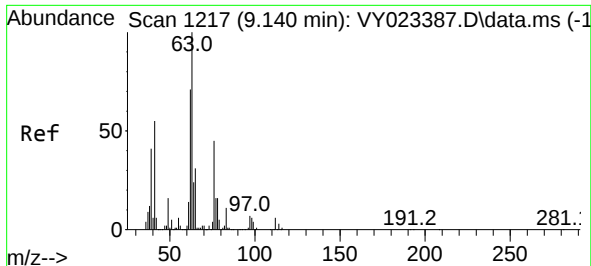
Tgt Ion: 43 Resp: 88923
Ion Ratio Lower Upper
43 100
61 22.3 18.1 27.1
87 17.3 13.5 20.3



#44
Trichloroethene
Concen: 21.697 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion:130 Resp: 120132
Ion Ratio Lower Upper
130 100
95 93.5 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.552 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

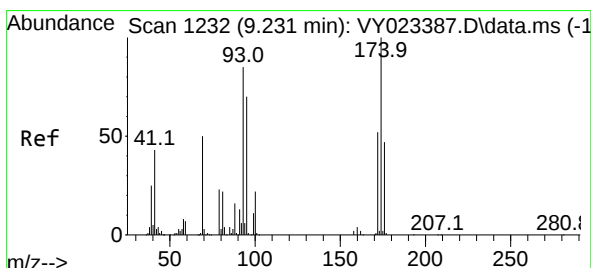
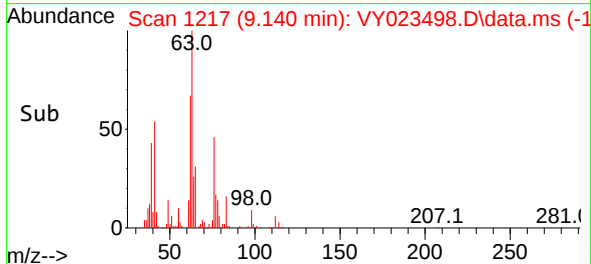
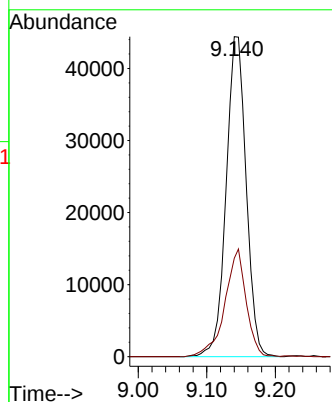
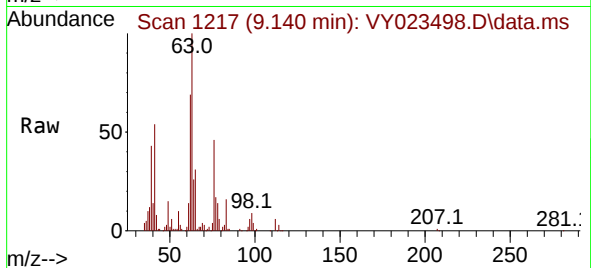
ClientSampleId :

Tgt Ion: 63 Resp: 90049

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3



#46

Dibromomethane

Concen: 21.760 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

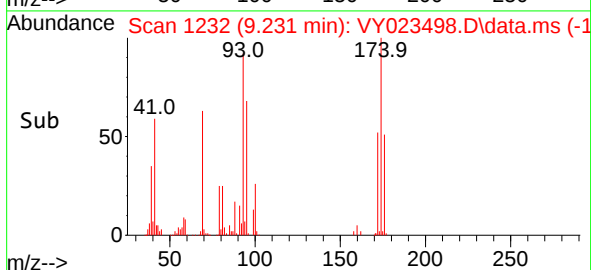
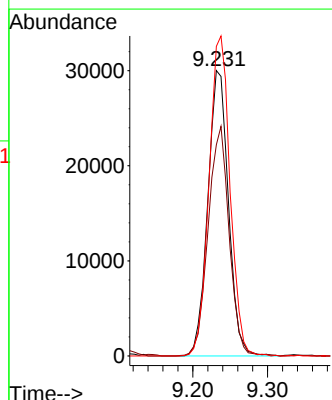
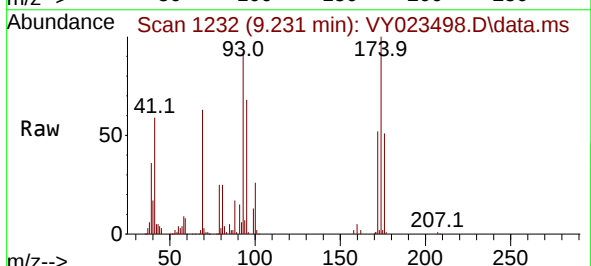
Tgt Ion: 93 Resp: 57491

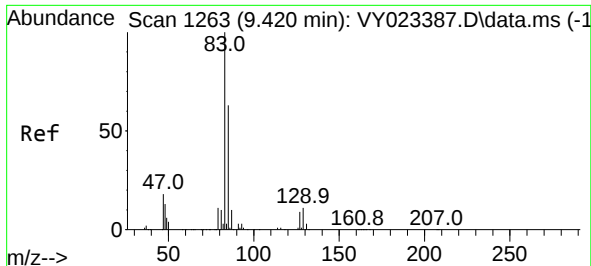
Ion Ratio Lower Upper

93 100

95 81.8 65.4 98.0

174 114.3 92.9 139.3

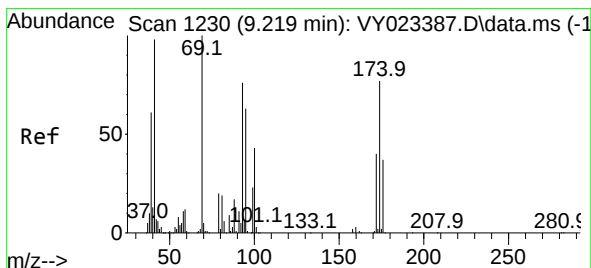
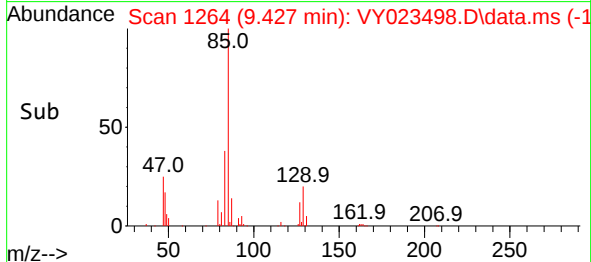
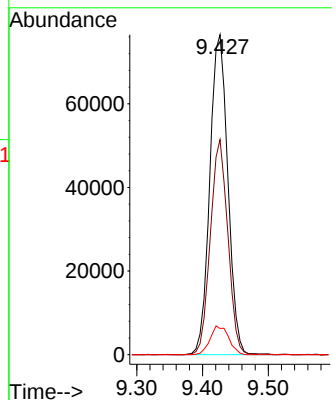
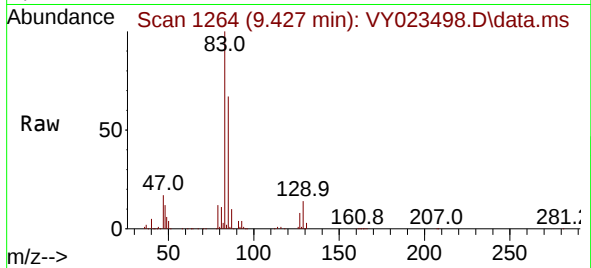




#47
Bromodichloromethane
Concen: 21.925 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

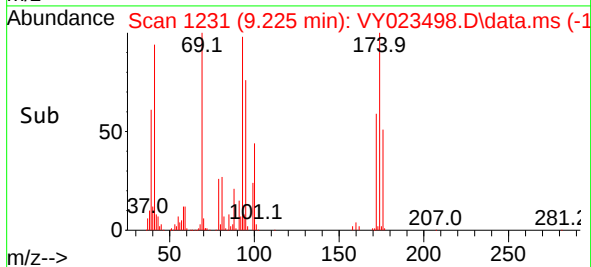
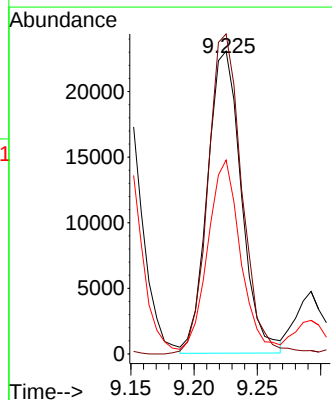
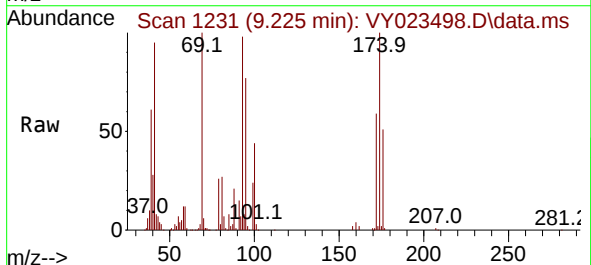
Instrument :
MSVOA_Y
ClientSampleId :

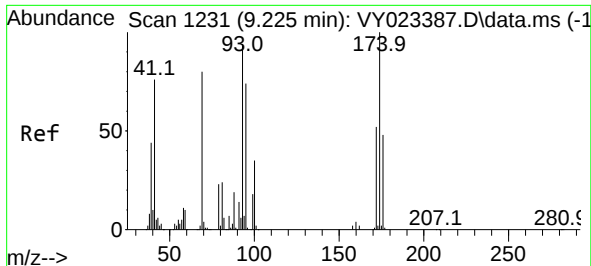
Tgt Ion: 83 Resp: 145888
Ion Ratio Lower Upper
83 100
85 67.2 50.8 76.2
127 8.2 7.4 11.2



#48
Methyl methacrylate
Concen: 19.426 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 41 Resp: 43063
Ion Ratio Lower Upper
41 100
69 105.6 81.0 121.4
39 59.5 48.2 72.4





#49

1,4-Dioxane

Concen: 379.630 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

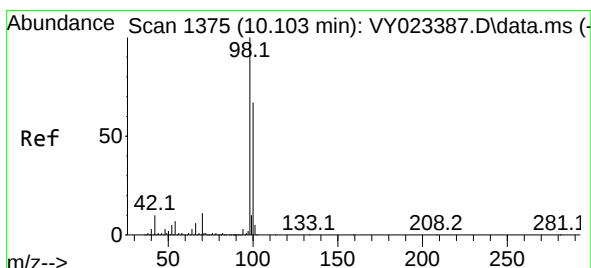
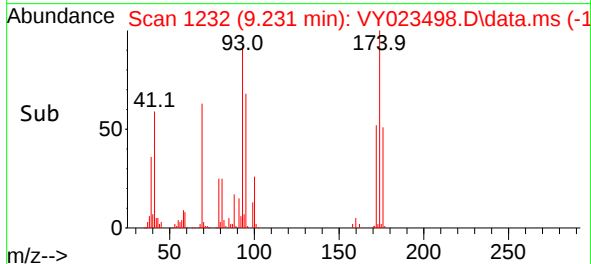
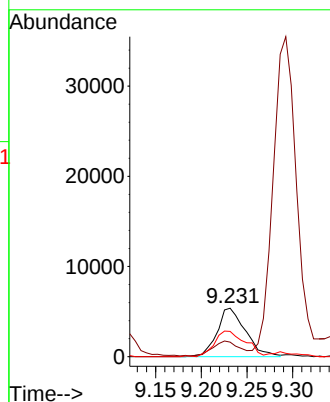
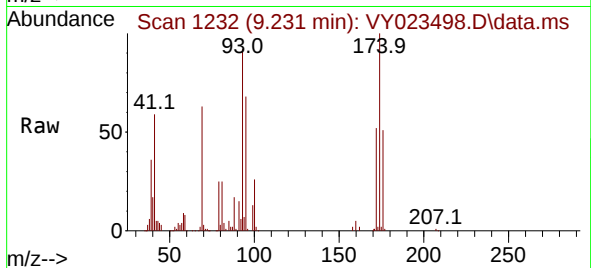
Tgt Ion: 88 Resp: 11629

Ion Ratio Lower Upper

88 100

43 28.0 21.8 32.8

58 57.0 46.8 70.2



#50

Toluene-d8

Concen: 51.945 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023498.D

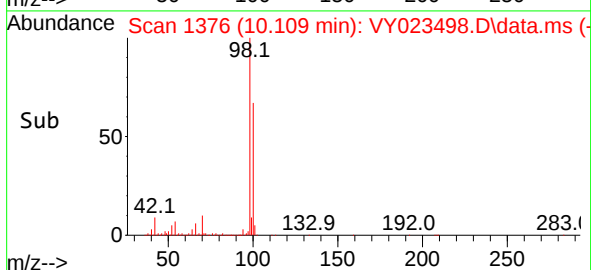
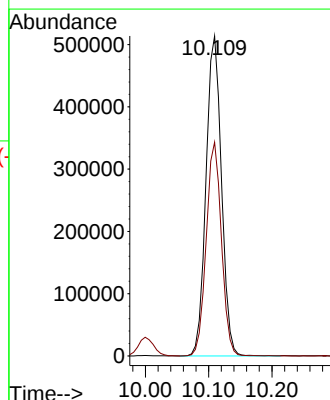
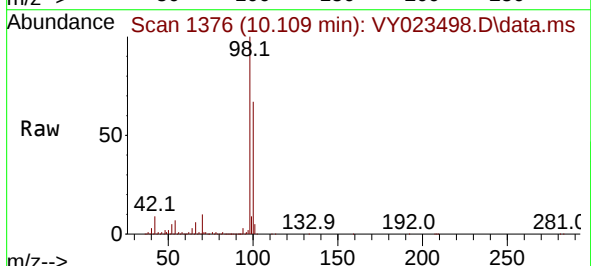
Acq: 20 Oct 2025 10:29

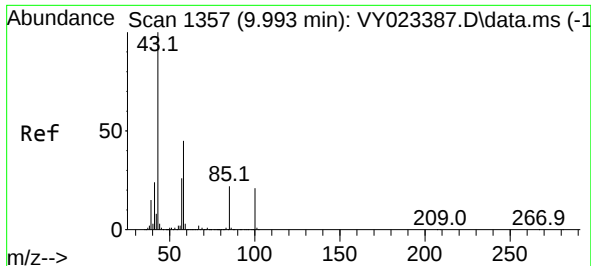
Tgt Ion: 98 Resp: 872808

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 97.693 ug/l

RT: 10.000 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

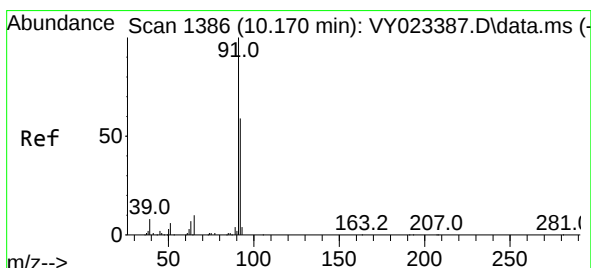
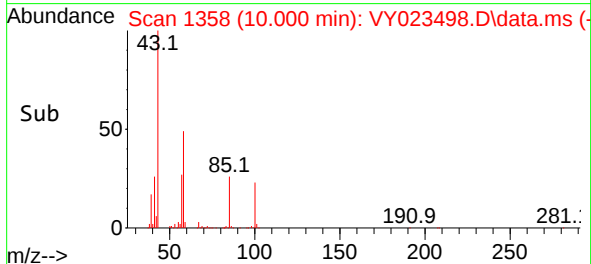
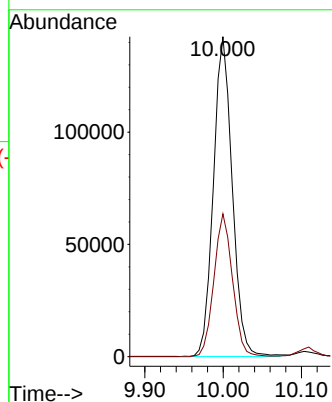
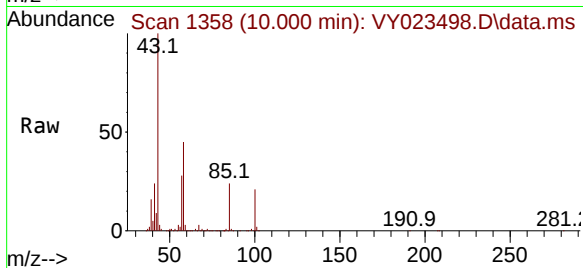
ClientSampleId :

Tgt Ion: 43 Resp: 238175

Ion Ratio Lower Upper

43 100

58 44.1 35.3 52.9



#52

Toluene

Concen: 21.975 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023498.D

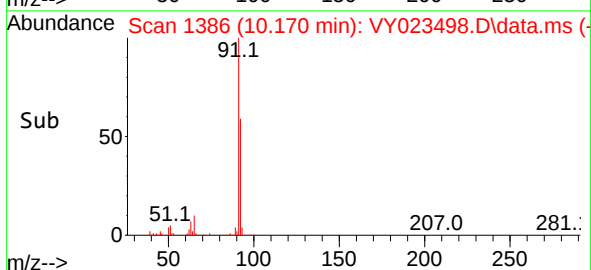
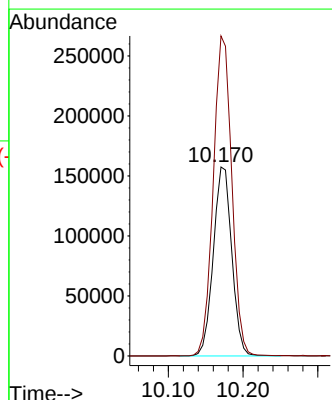
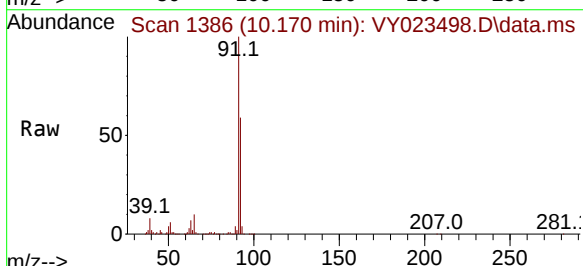
Acq: 20 Oct 2025 10:29

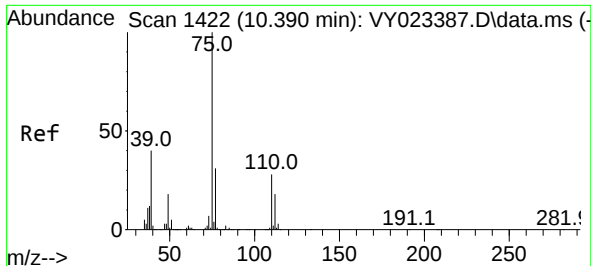
Tgt Ion: 92 Resp: 269904

Ion Ratio Lower Upper

92 100

91 169.8 136.4 204.6

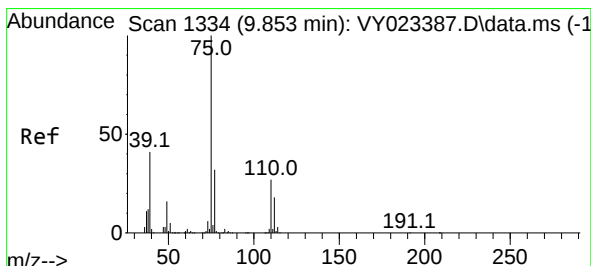
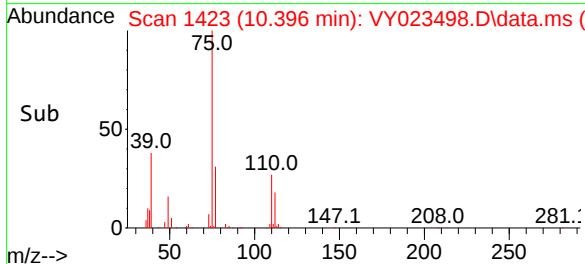
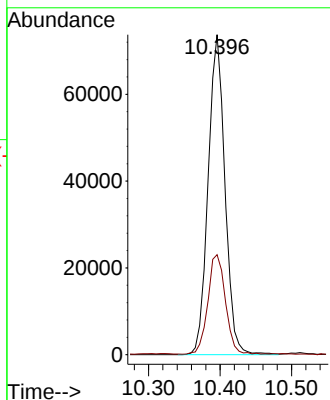
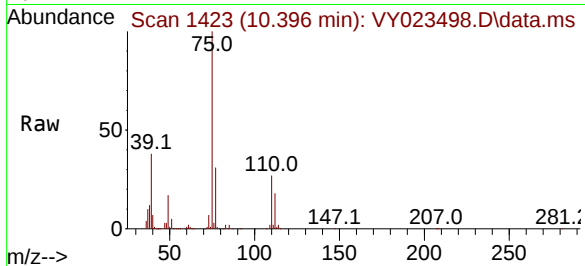




#53
 t-1,3-Dichloropropene
 Concen: 20.818 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023498.D
 Acq: 20 Oct 2025 10:29

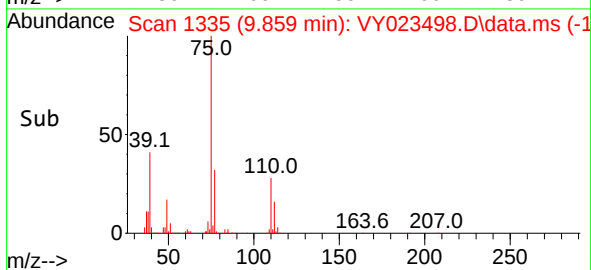
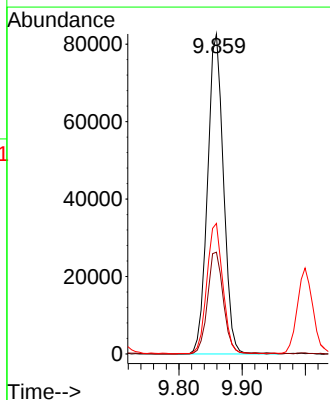
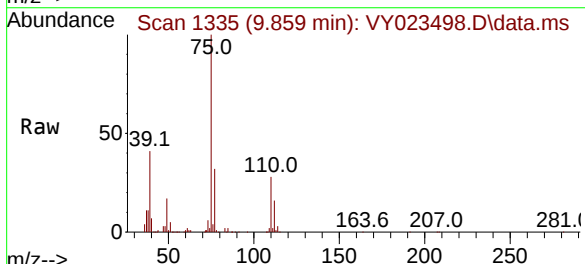
Instrument :
 MSVOA_Y
 ClientSampleId :

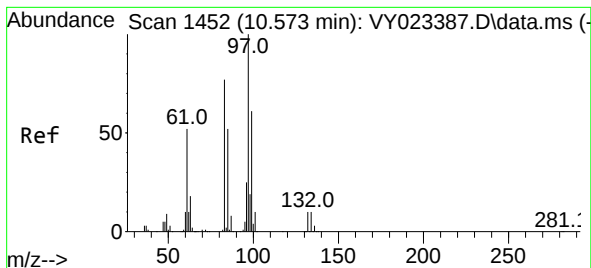
Tgt Ion: 75 Resp: 120451
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.194 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023498.D
 Acq: 20 Oct 2025 10:29

Tgt Ion: 75 Resp: 144723
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 40.6 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 22.066 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

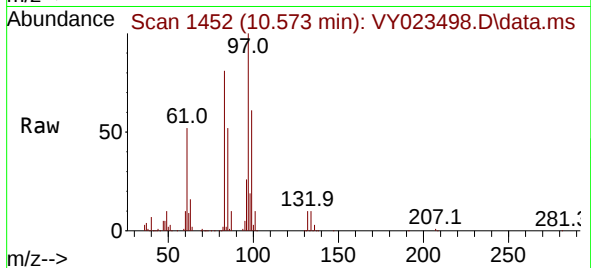
Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 78396

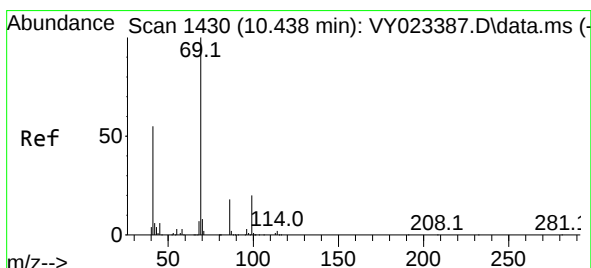
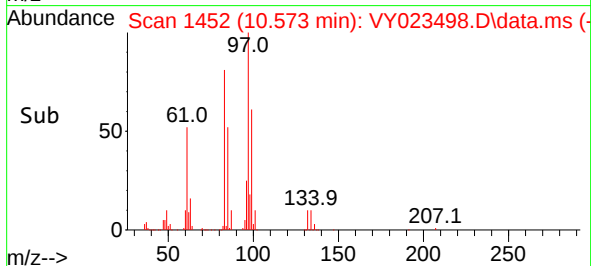
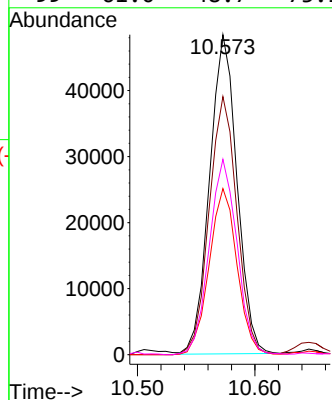
Ion Ratio Lower Upper

97 100

83 80.7 61.8 92.6

85 51.9 41.3 61.9

99 61.0 48.7 73.1



#56

Ethyl methacrylate

Concen: 19.589 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

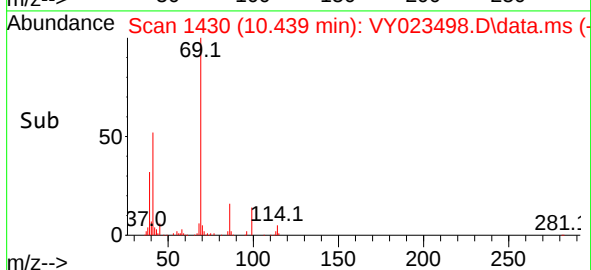
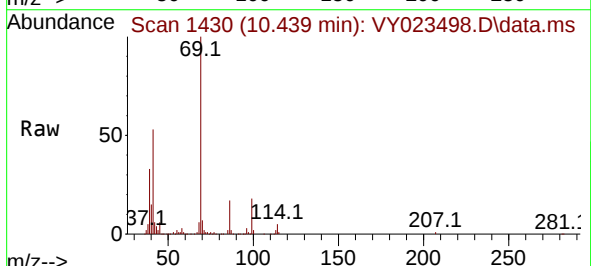
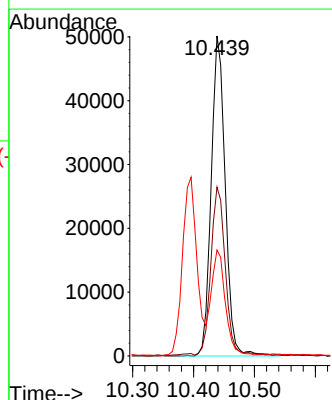
Tgt Ion: 69 Resp: 80281

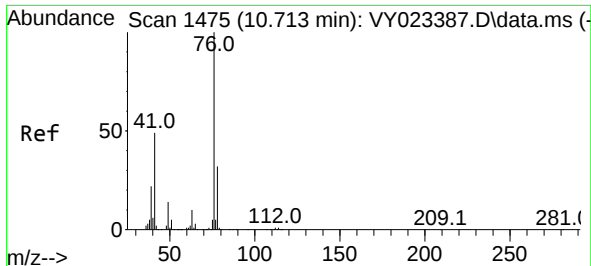
Ion Ratio Lower Upper

69 100

41 53.8 44.6 67.0

39 32.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.420 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

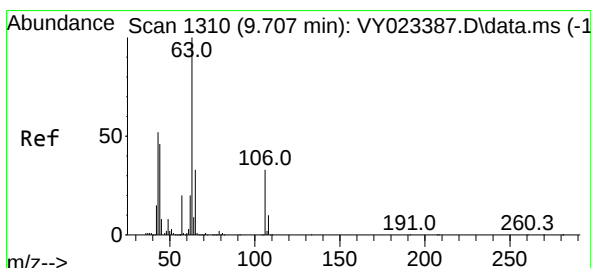
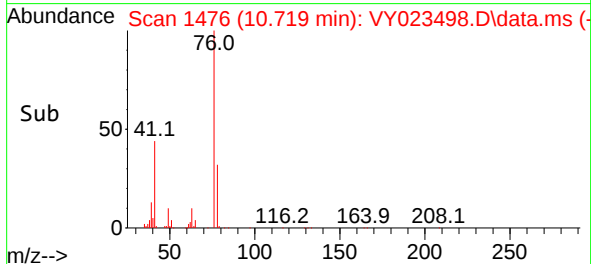
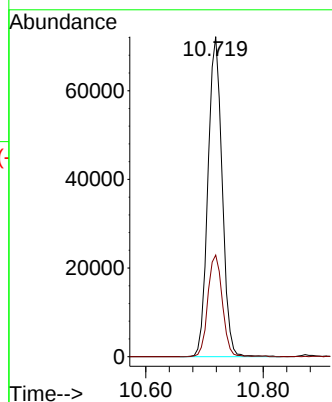
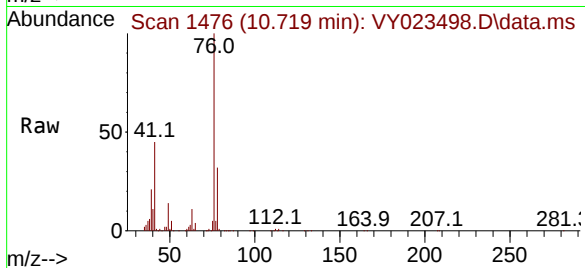
ClientSampleId :

Tgt Ion: 76 Resp: 120593

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.064 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023498.D

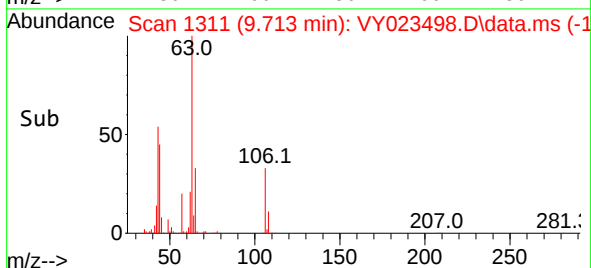
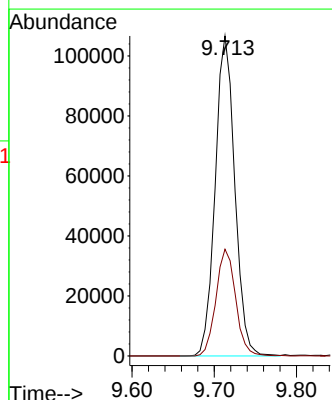
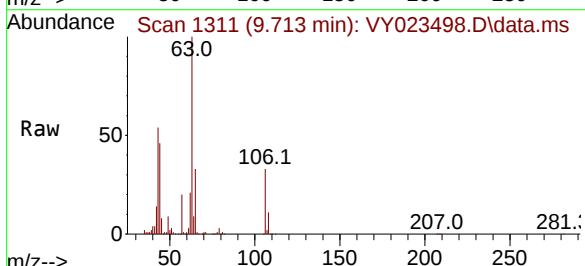
Acq: 20 Oct 2025 10:29

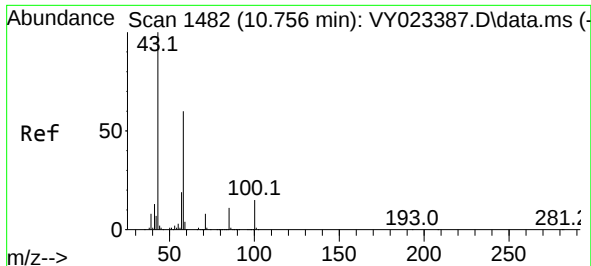
Tgt Ion: 63 Resp: 176367

Ion Ratio Lower Upper

63 100

106 33.5 26.6 39.8

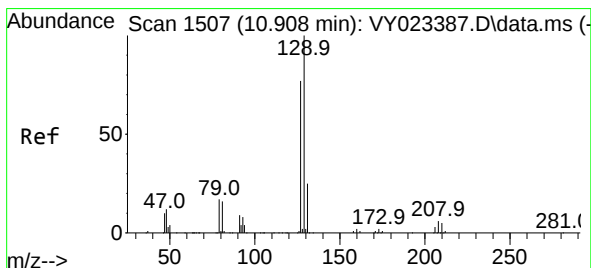
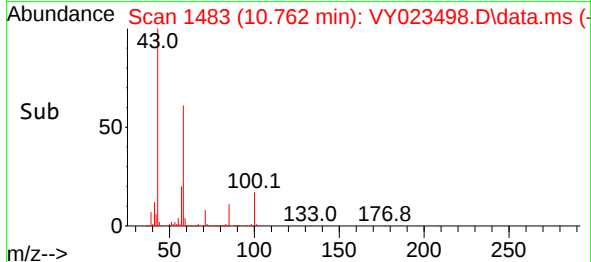
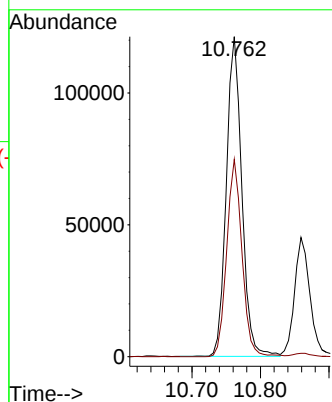
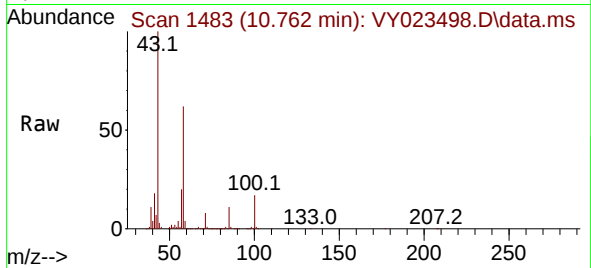




#59
2-Hexanone
Concen: 108.923 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

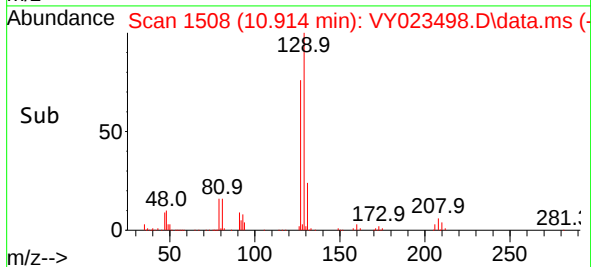
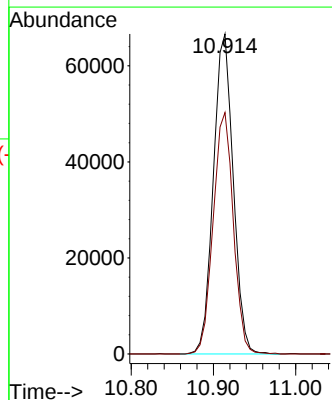
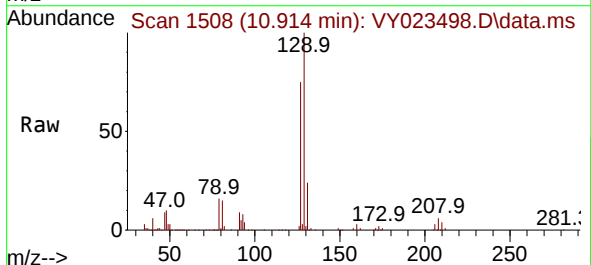
Instrument :
MSVOA_Y
ClientSampleId :

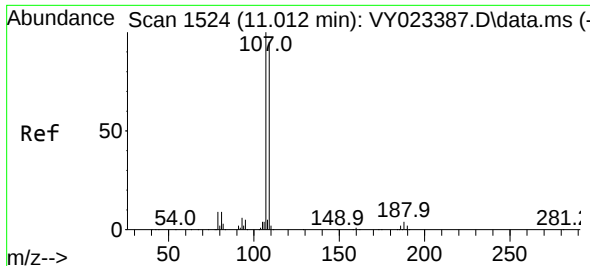
Tgt Ion: 43 Resp: 189776
Ion Ratio Lower Upper
43 100
58 60.9 30.5 91.5



#60
Dibromochloromethane
Concen: 22.501 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 129 Resp: 112082
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7

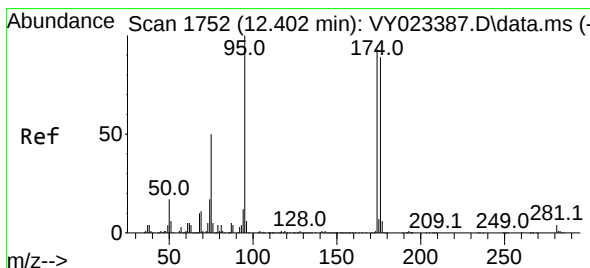
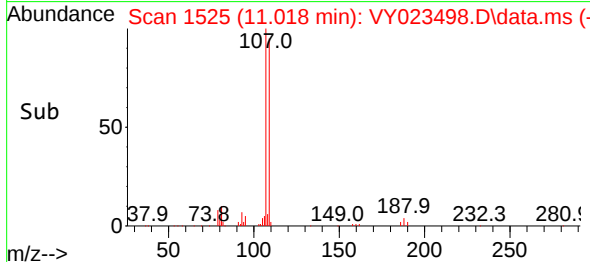
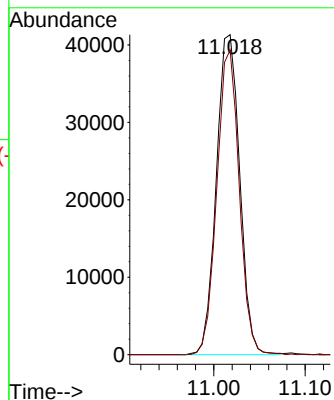
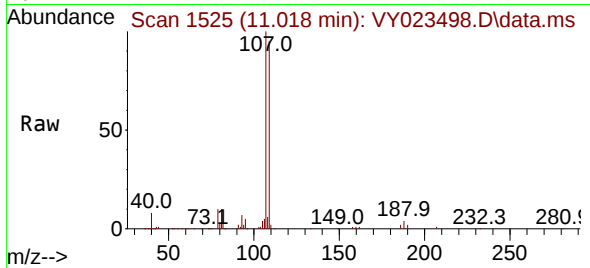




#61
1,2-Dibromoethane
Concen: 21.655 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

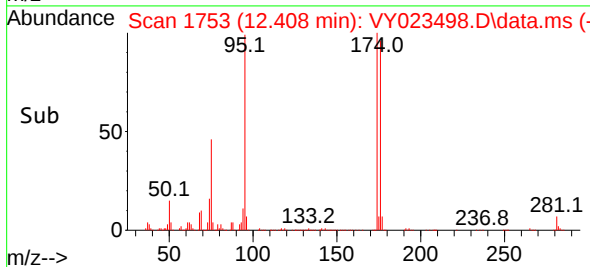
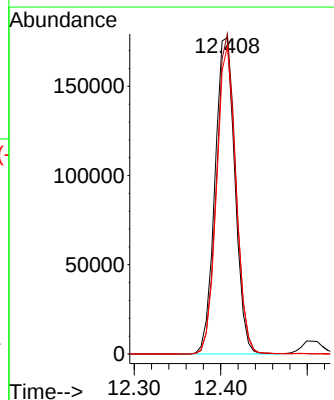
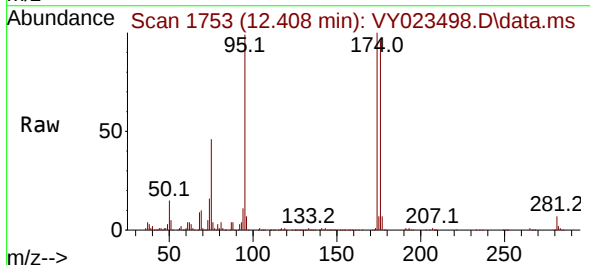
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 73375
Ion Ratio Lower Upper
107 100
109 91.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 51.163 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 95 Resp: 283823
Ion Ratio Lower Upper
95 100
174 97.9 0.0 192.8
176 94.3 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: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

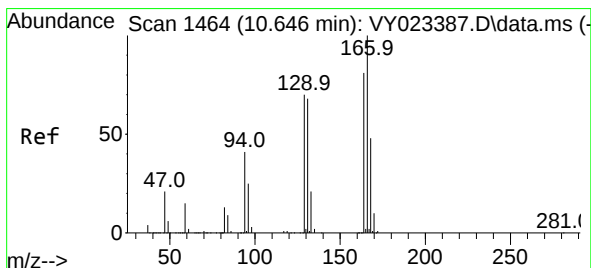
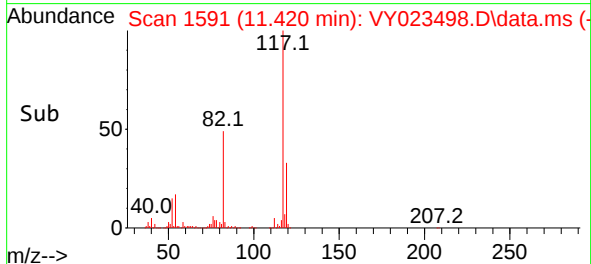
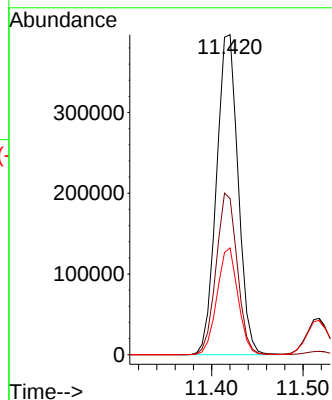
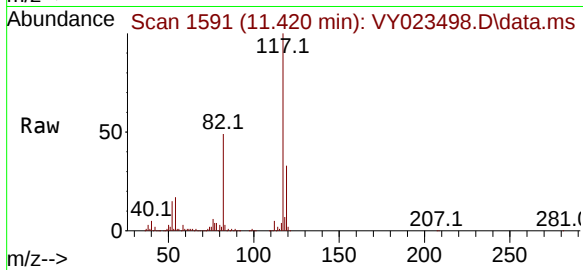
Tgt Ion:117 Resp: 652730

Ion Ratio Lower Upper

117 100

82 48.7 41.0 61.4

119 33.4 25.6 38.4



#64

Tetrachloroethene

Concen: 22.391 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Tgt Ion:164 Resp: 150911

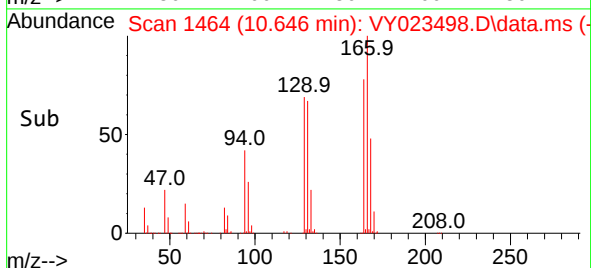
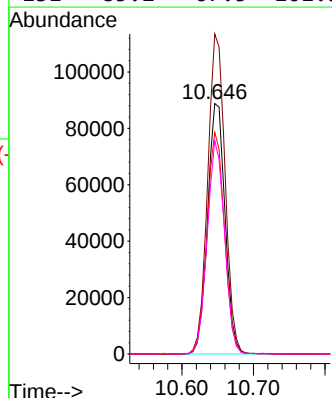
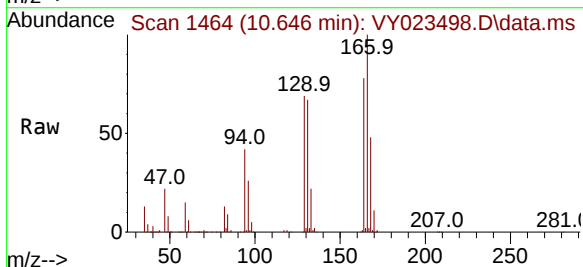
Ion Ratio Lower Upper

164 100

166 127.8 99.4 149.0

129 88.5 69.4 104.2

131 85.2 67.5 101.3





#65

Chlorobenzene

Concen: 21.341 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

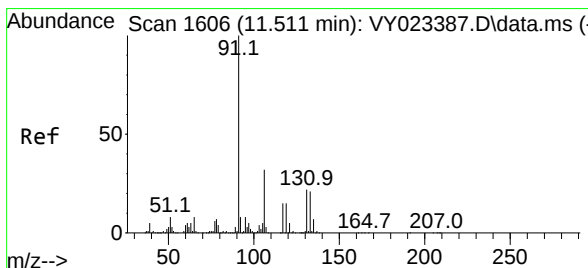
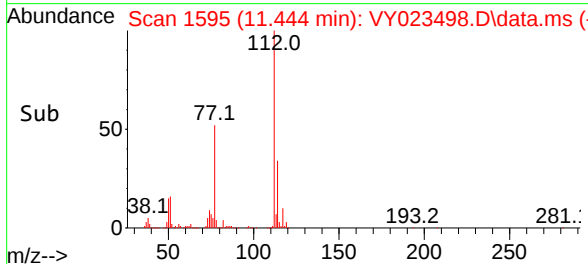
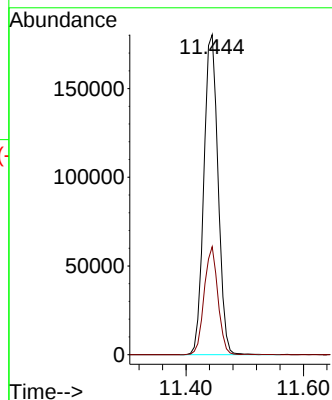
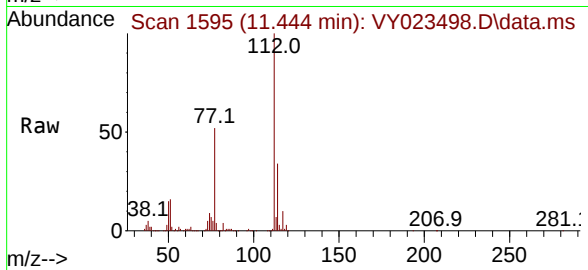
ClientSampleId :

Tgt Ion:112 Resp: 302969

Ion Ratio Lower Upper

112 100

114 33.7 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.914 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

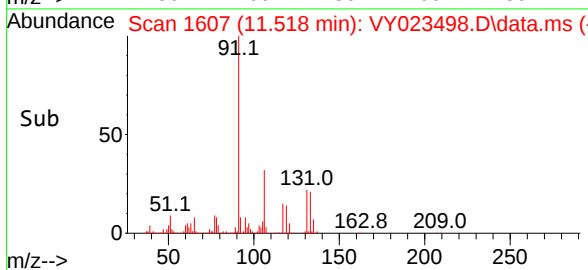
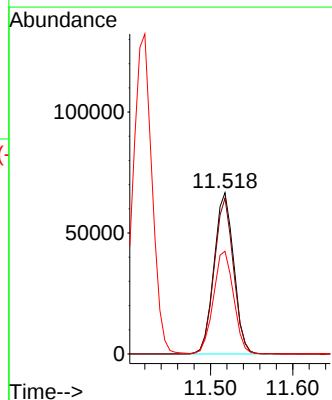
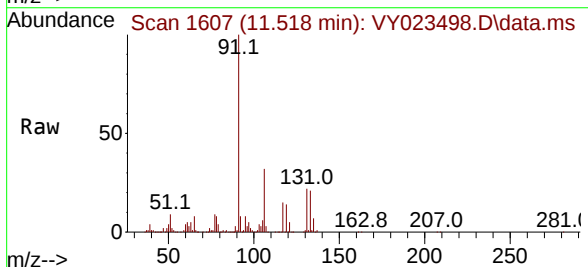
Tgt Ion:131 Resp: 110864

Ion Ratio Lower Upper

131 100

133 95.1 48.4 145.2

119 65.5 32.4 97.2

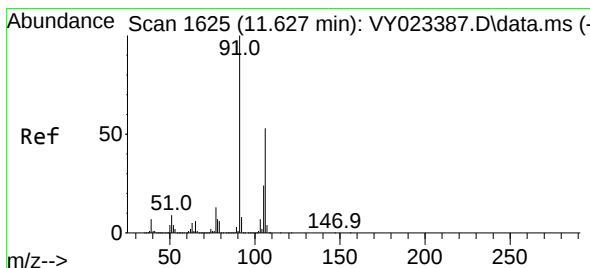
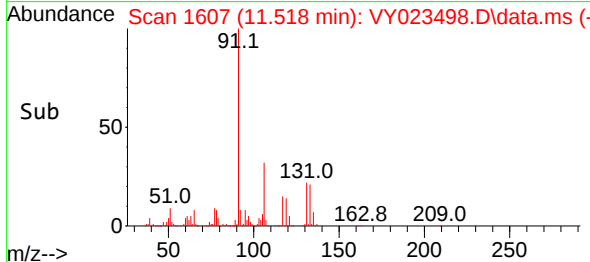
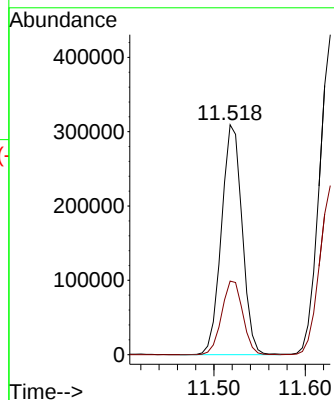
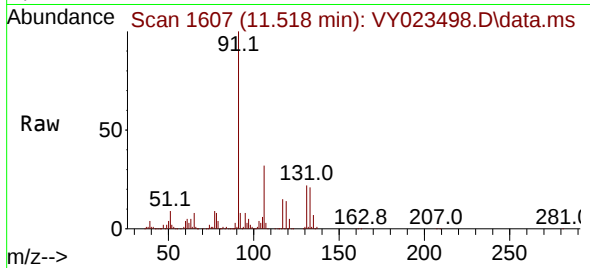




#67
Ethyl Benzene
Concen: 21.203 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

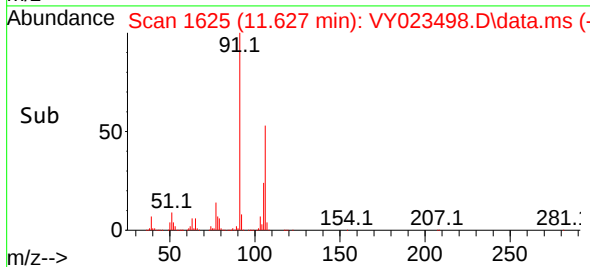
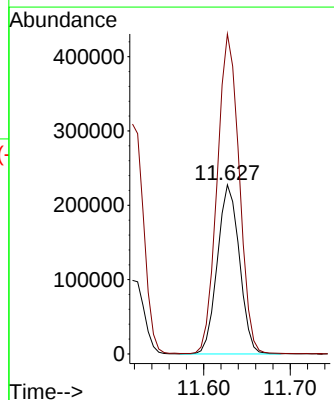
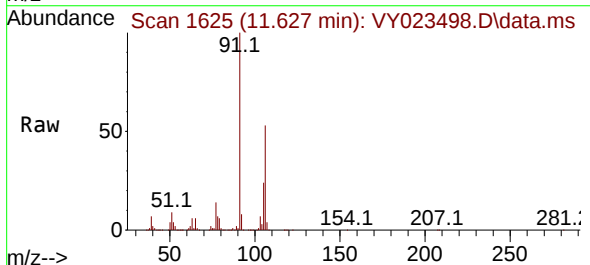
Instrument :
MSVOA_Y
ClientSampleId :

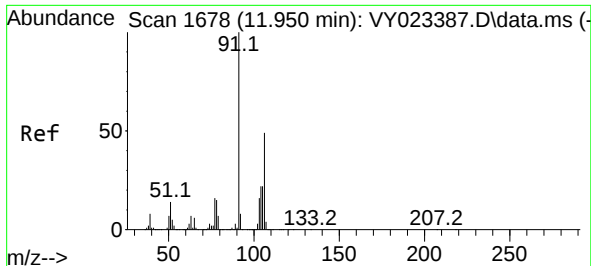
Tgt Ion: 91 Resp: 487243
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8



#68
m/p-Xylenes
Concen: 43.535 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion:106 Resp: 401271
Ion Ratio Lower Upper
106 100
91 190.2 152.6 229.0

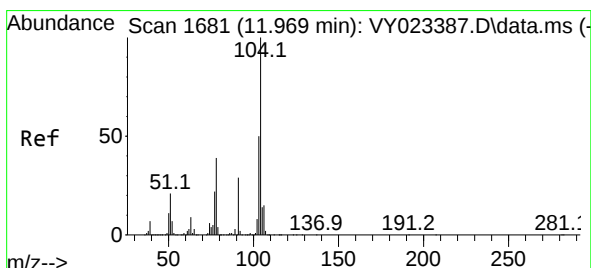
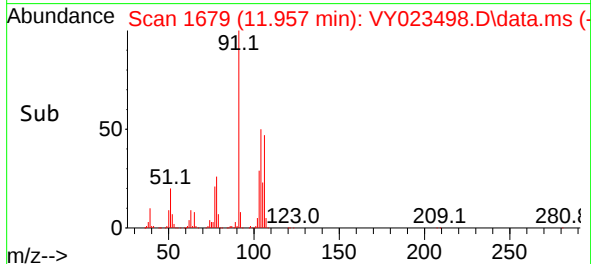
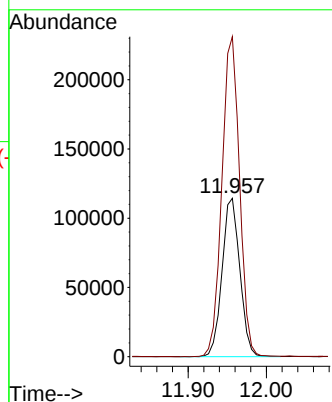
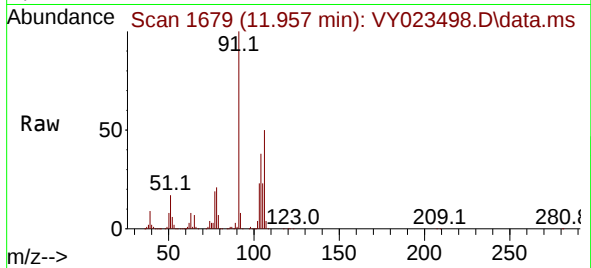




#69
o-Xylene
Concen: 20.891 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

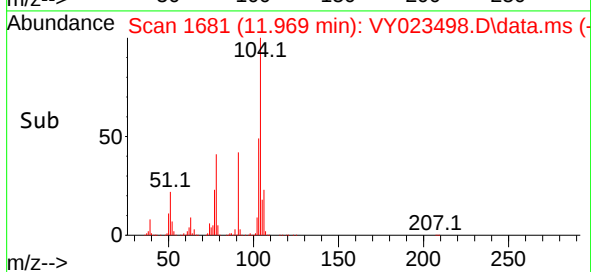
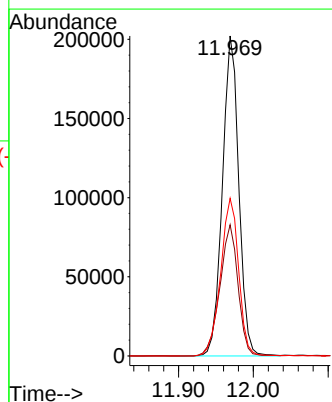
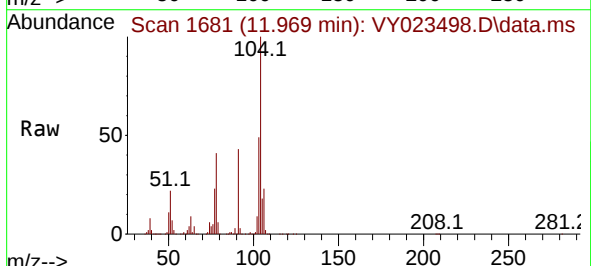
Instrument :
MSVOA_Y
ClientSampleId :

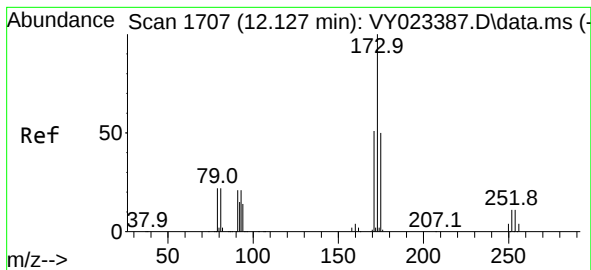
Tgt Ion:106 Resp: 180613
Ion Ratio Lower Upper
106 100
91 200.8 101.4 304.1



#70
Styrene
Concen: 21.684 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion:104 Resp: 308279
Ion Ratio Lower Upper
104 100
78 45.3 36.1 54.1
103 54.0 43.2 64.8





#71

Bromoform

Concen: 21.749 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

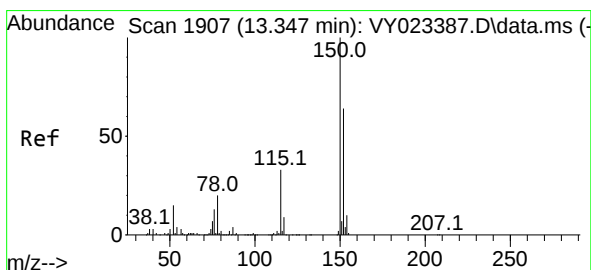
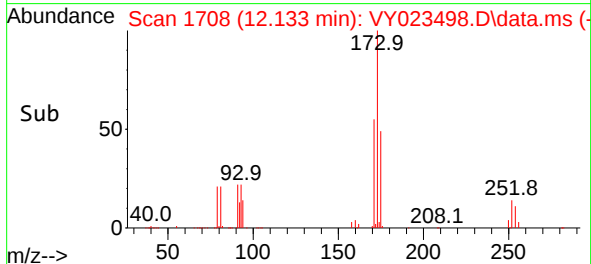
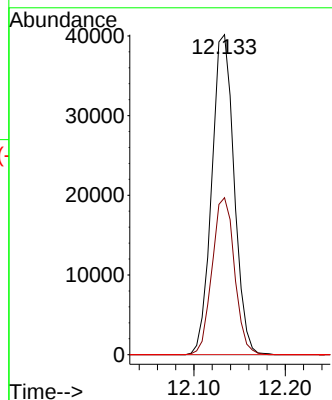
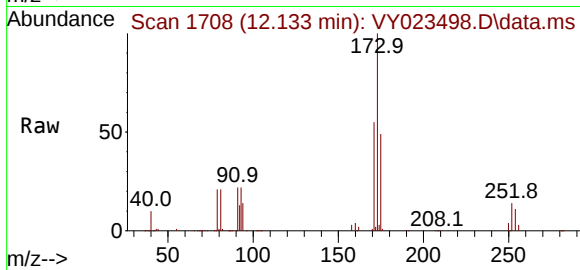
Tgt Ion:173 Resp: 68250

Ion Ratio Lower Upper

173 100

175 49.2 24.8 74.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

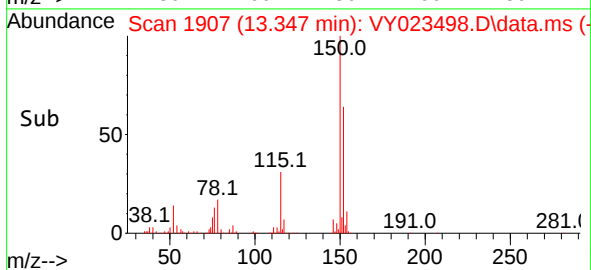
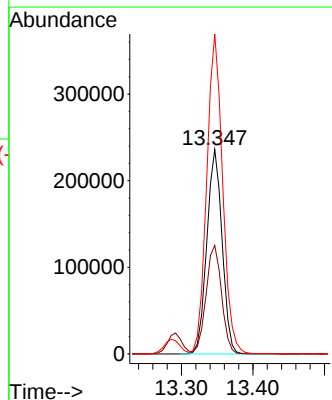
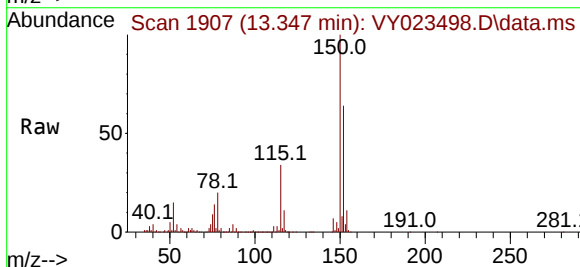
Tgt Ion:152 Resp: 350213

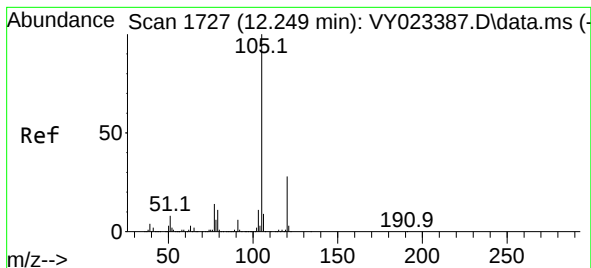
Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.2

150 163.1 0.0 347.4





#73

Isopropylbenzene

Concen: 20.761 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

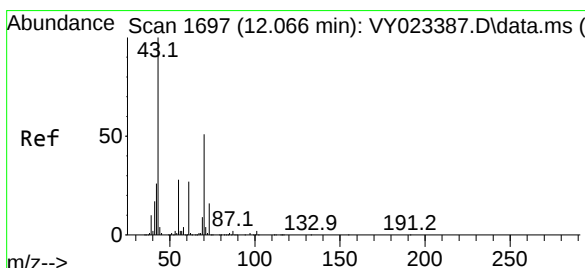
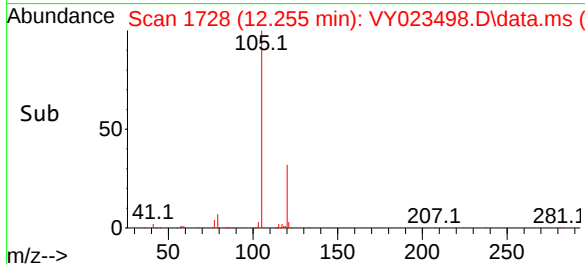
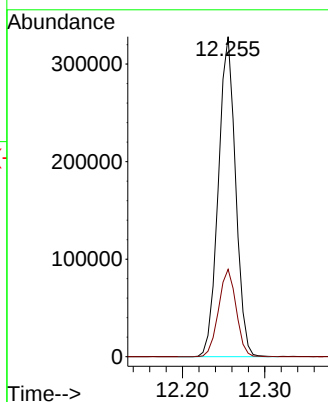
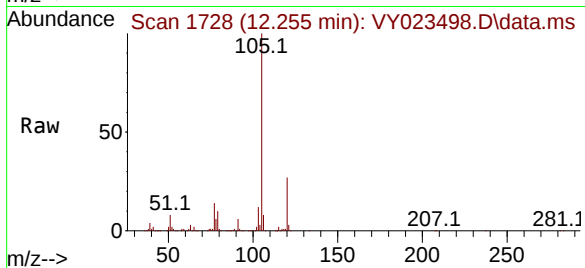
ClientSampleId :

Tgt Ion:105 Resp: 479145

Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.7



#74

N-amy1 acetate

Concen: 17.780 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Tgt Ion: 43 Resp: 73705

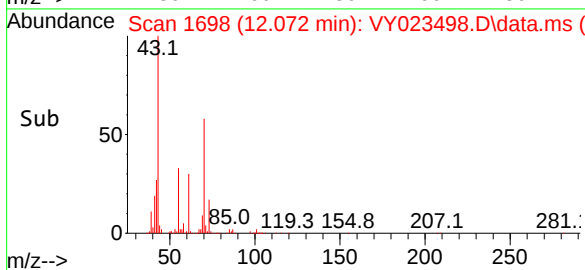
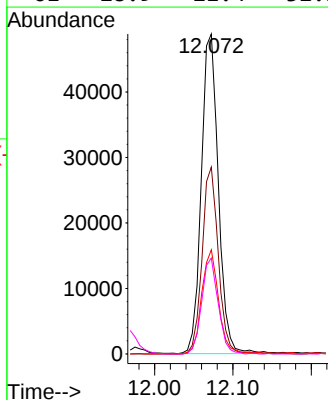
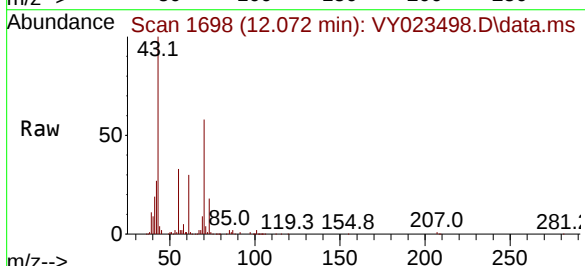
Ion Ratio Lower Upper

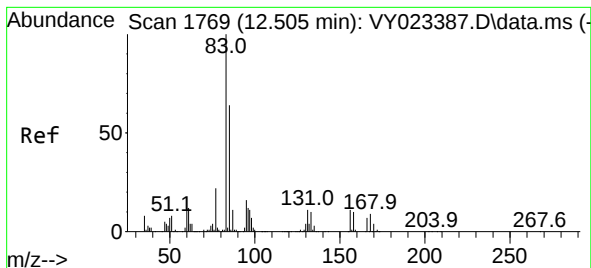
43 100

70 55.7 41.1 61.7

55 32.5 23.0 34.6

61 28.9 21.4 32.2

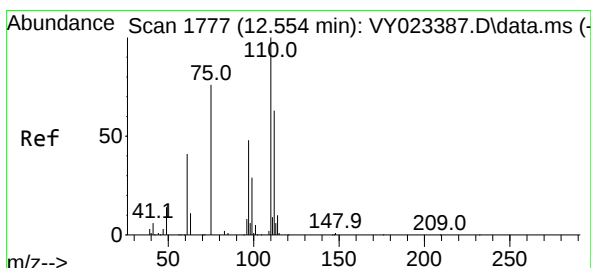
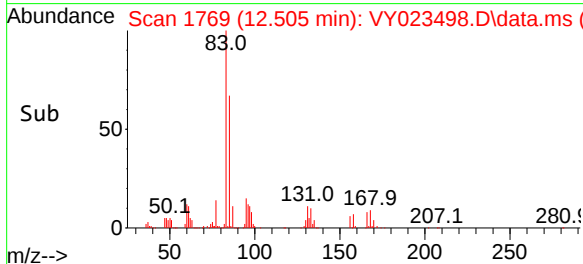
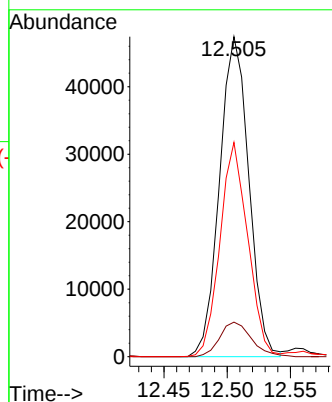
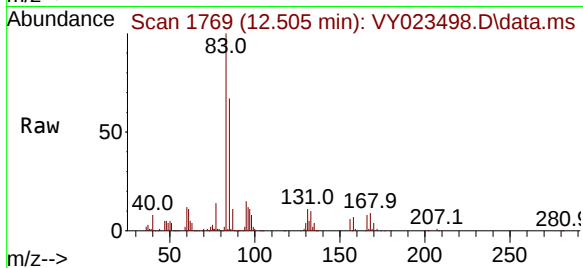




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.224 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023498.D
 Acq: 20 Oct 2025 10:29

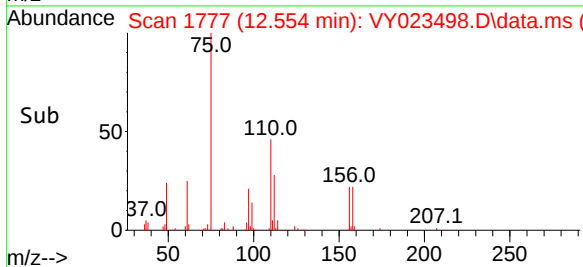
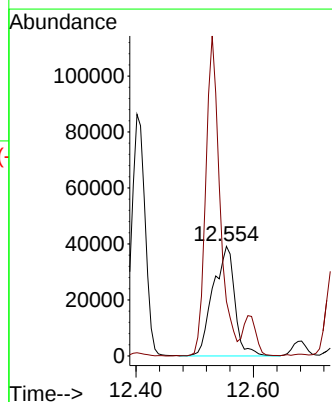
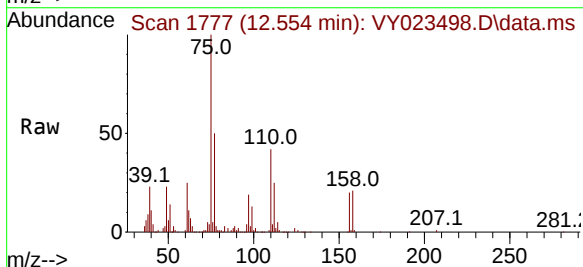
Instrument :
 MSVOA_Y
 ClientSampleId :

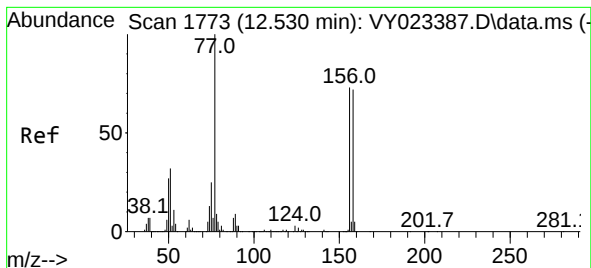
Tgt Ion: 83 Resp: 76342
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.9 17.6
 85 63.6 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 32.630 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023498.D
 Acq: 20 Oct 2025 10:29

Tgt Ion: 75 Resp: 100821
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.907 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

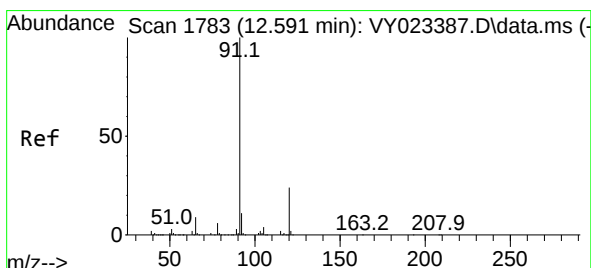
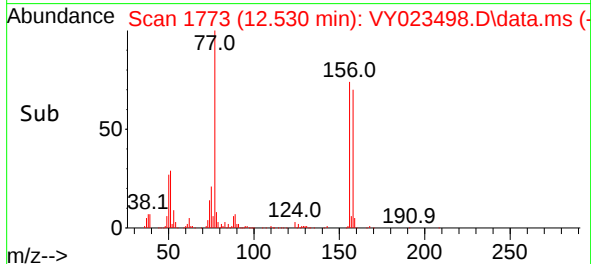
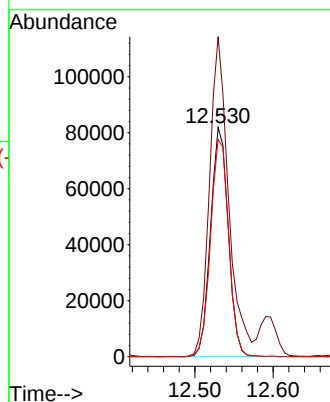
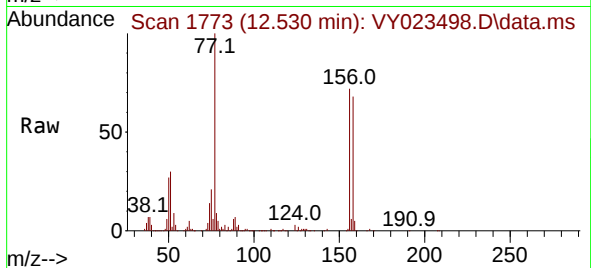
Tgt Ion:156 Resp: 128278

Ion Ratio Lower Upper

156 100

77 150.3 76.8 230.5

158 97.1 49.0 147.2



#78

n-propylbenzene

Concen: 21.284 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023498.D

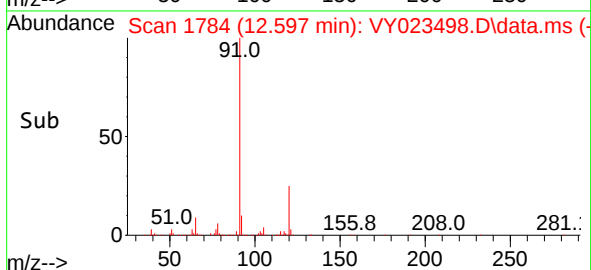
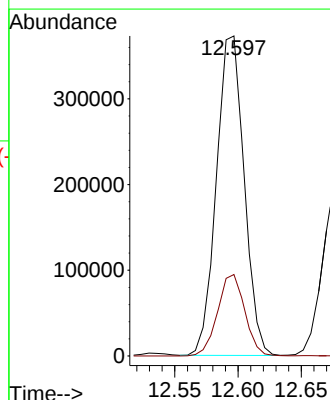
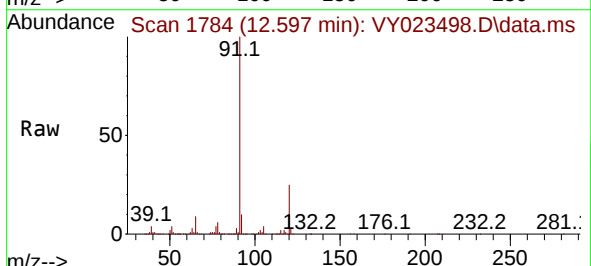
Acq: 20 Oct 2025 10:29

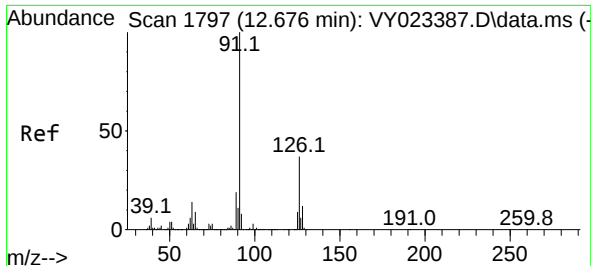
Tgt Ion: 91 Resp: 568456

Ion Ratio Lower Upper

91 100

120 25.0 12.3 36.8

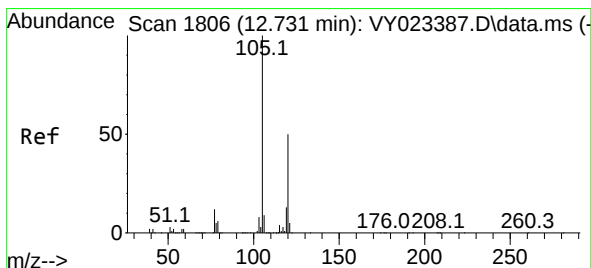
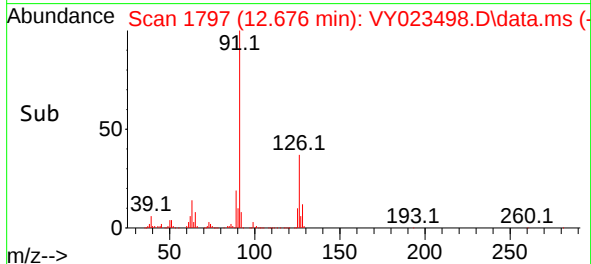
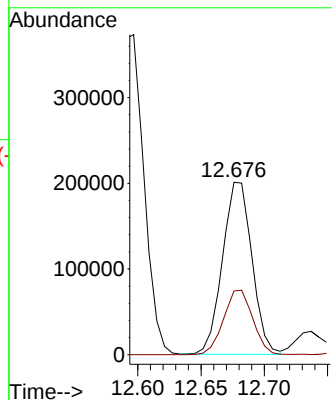
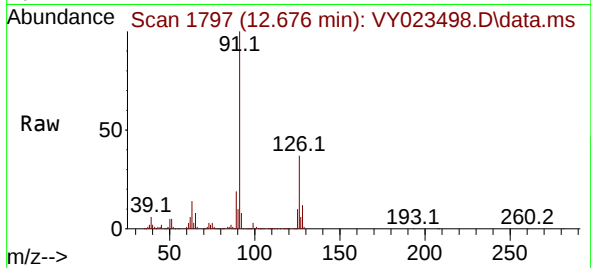




#79
2-Chlorotoluene
Concen: 20.829 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

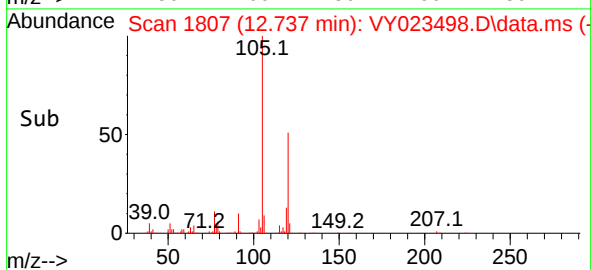
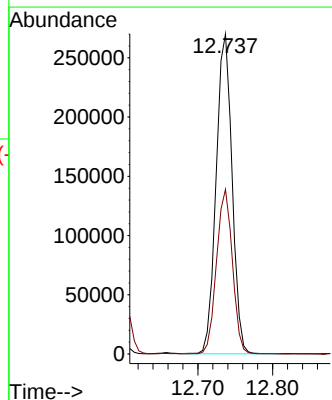
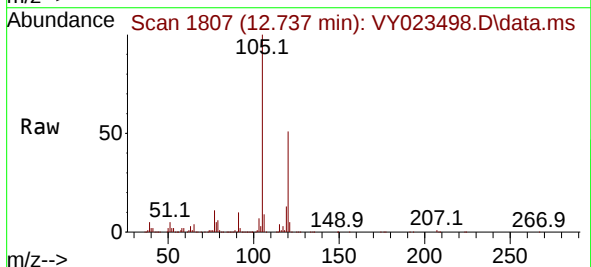
Instrument :
MSVOA_Y
ClientSampleId :

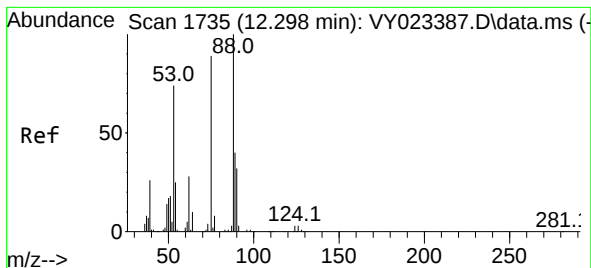
Tgt Ion: 91 Resp: 325763
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 21.423 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 105 Resp: 399537
Ion Ratio Lower Upper
105 100
120 51.4 25.4 76.4

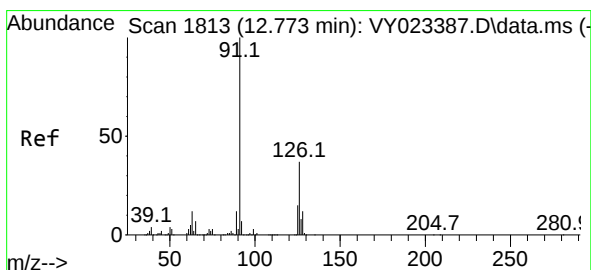
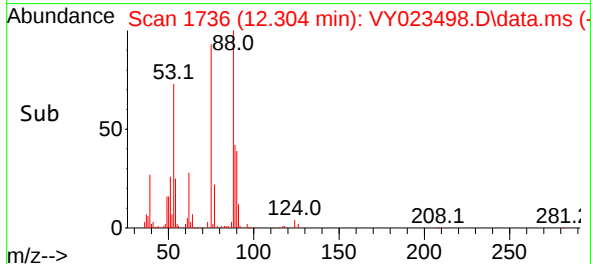
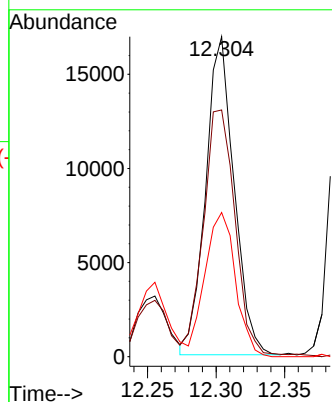
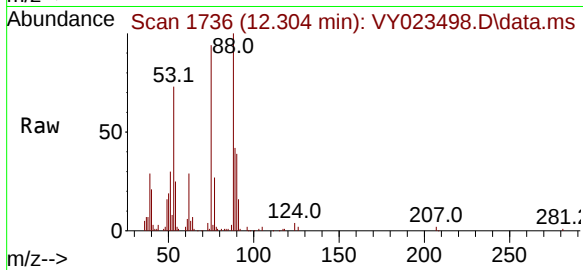




#81
trans-1,4-Dichloro-2-butene
Concen: 19.338 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

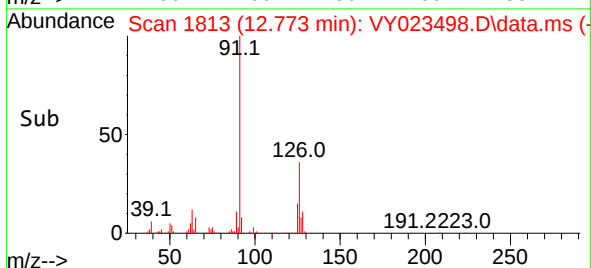
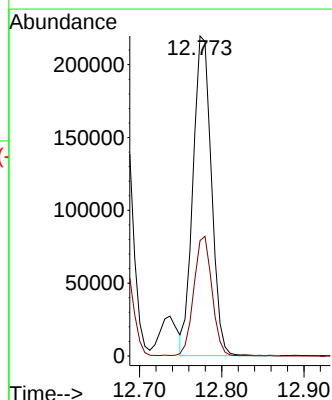
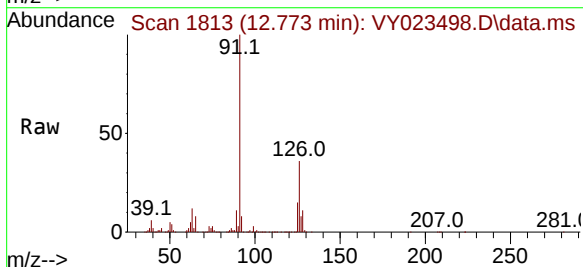
Instrument :
MSVOA_Y
ClientSampleId :

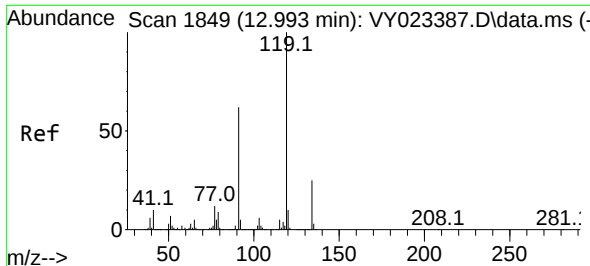
Tgt Ion: 75 Resp: 24366
Ion Ratio Lower Upper
75 100
53 87.2 68.6 102.8
89 48.4 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.153 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 91 Resp: 340719
Ion Ratio Lower Upper
91 100
126 37.3 18.4 55.4

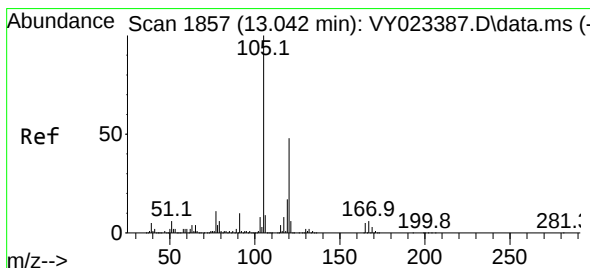
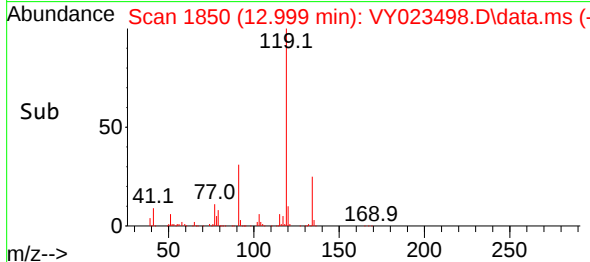
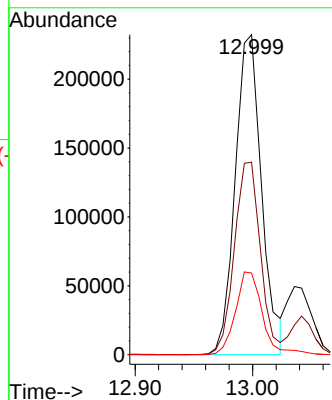
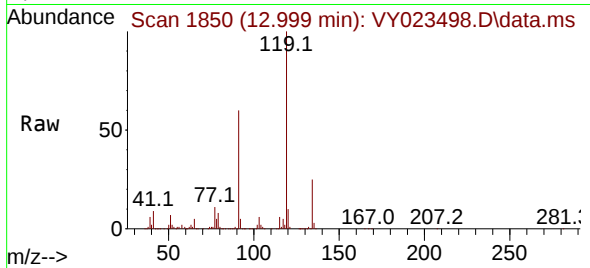




#83
tert-Butylbenzene
Concen: 21.064 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

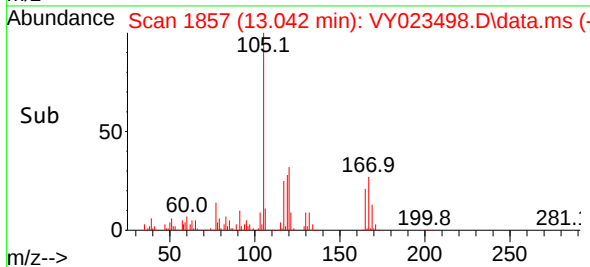
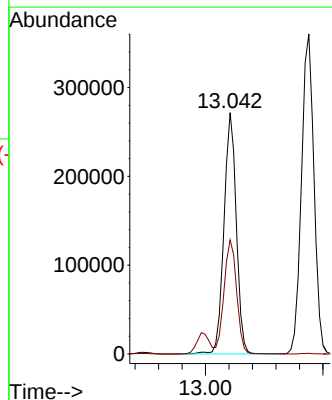
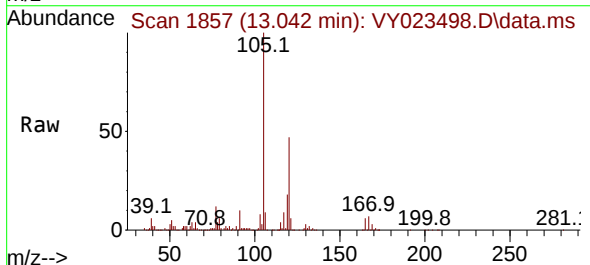
Instrument :
MSVOA_Y
ClientSampleId :

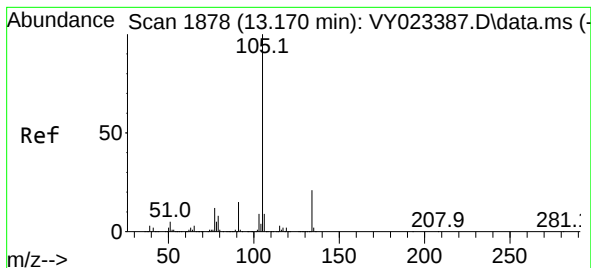
Tgt Ion:119 Resp: 362720
Ion Ratio Lower Upper
119 100
91 59.4 29.9 89.8
134 26.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 21.249 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion:105 Resp: 395505
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.2





#85

sec-Butylbenzene

Concen: 21.441 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

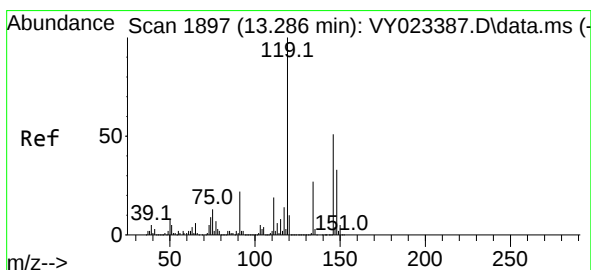
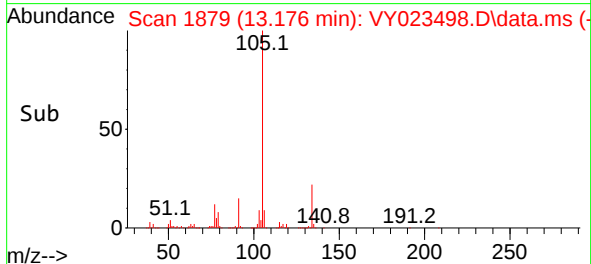
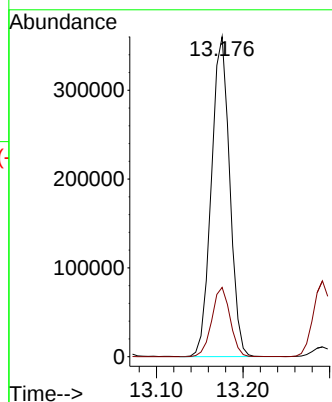
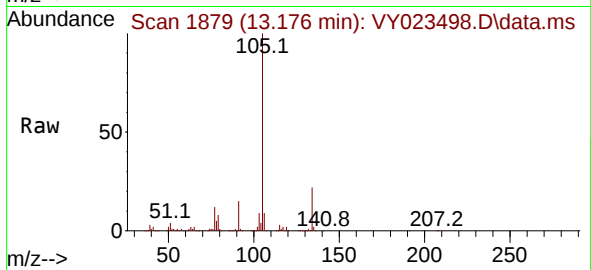
ClientSampleId :

Tgt Ion:105 Resp: 529632

Ion Ratio Lower Upper

105 100

134 21.6 10.7 32.1



#86

p-Isopropyltoluene

Concen: 21.183 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

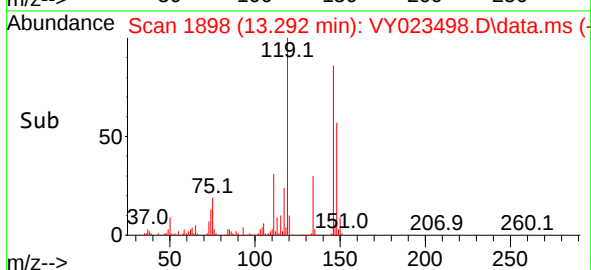
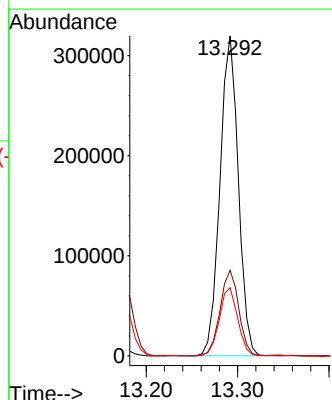
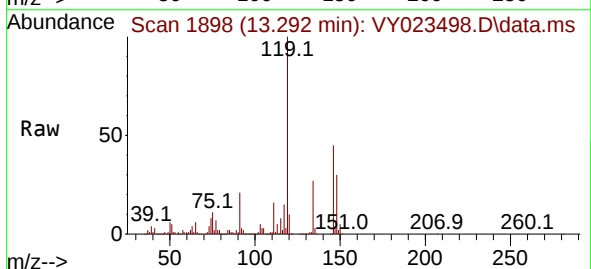
Tgt Ion:119 Resp: 445495

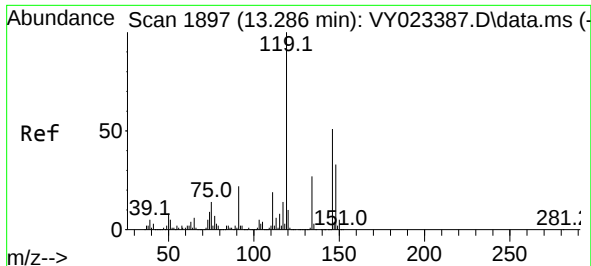
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 21.3 10.9 32.9

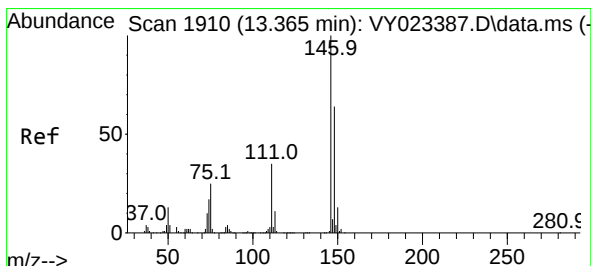
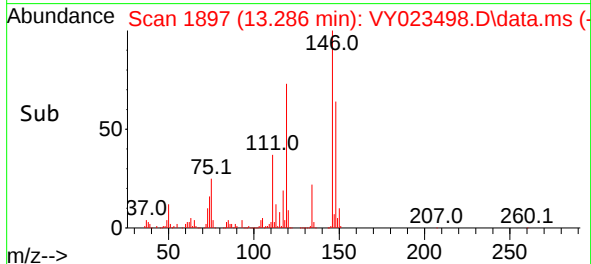
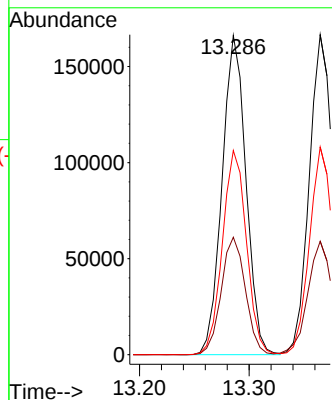
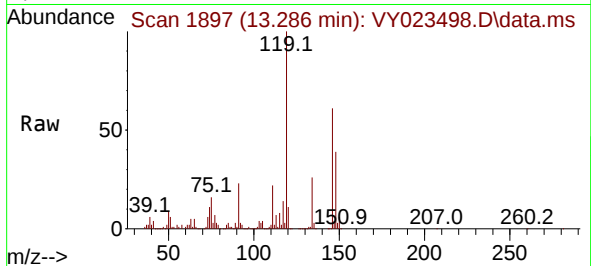




#87
1,3-Dichlorobenzene
Concen: 21.112 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

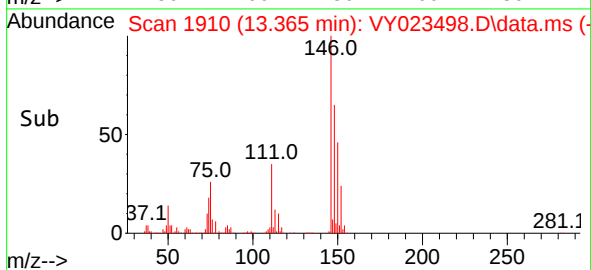
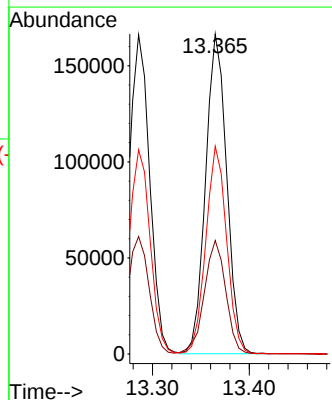
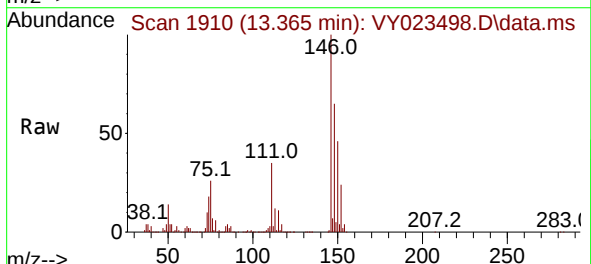
Instrument :
MSVOA_Y
ClientSampleId :

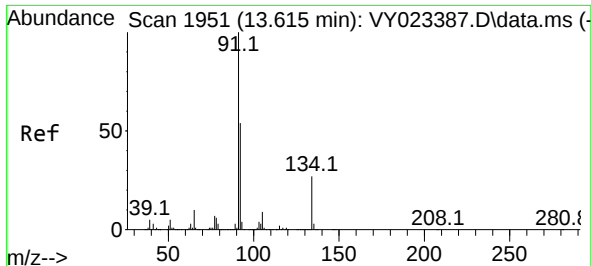
Tgt Ion:146 Resp: 252244
Ion Ratio Lower Upper
146 100
111 37.2 18.7 56.1
148 64.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 21.418 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

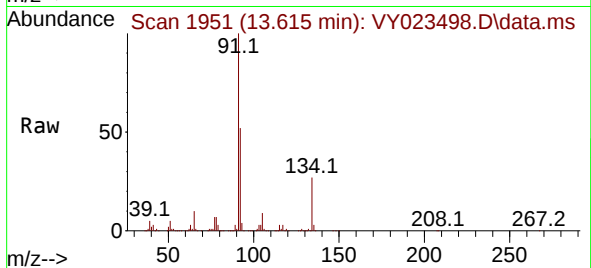
Tgt Ion:146 Resp: 252745
Ion Ratio Lower Upper
146 100
111 36.1 18.0 54.0
148 64.1 31.9 95.7



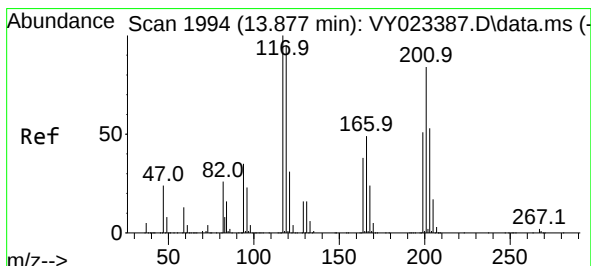
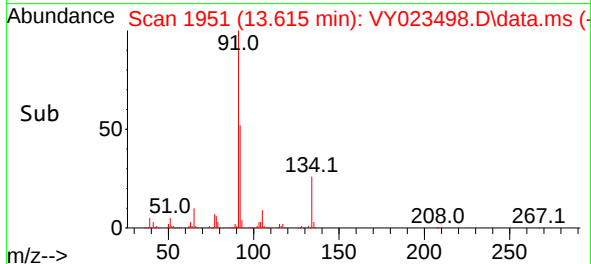
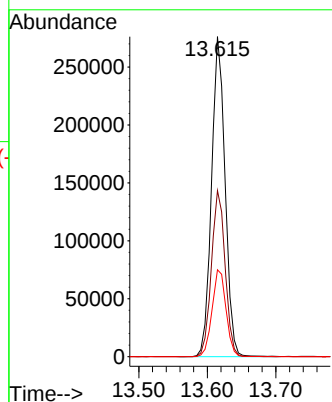


#89
n-Butylbenzene
Concen: 20.789 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Instrument :
MSVOA_Y
ClientSampleId :

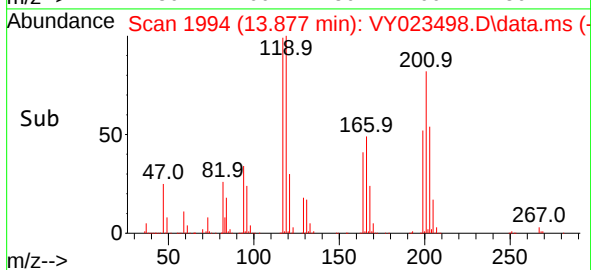
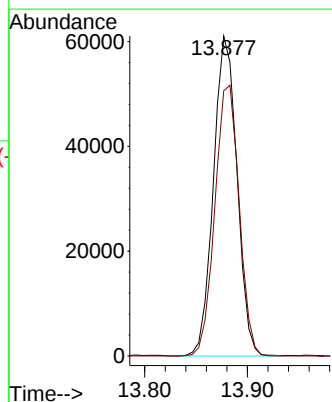
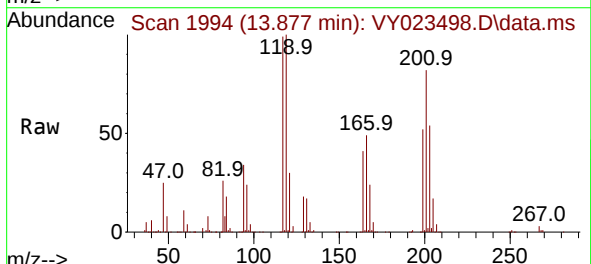


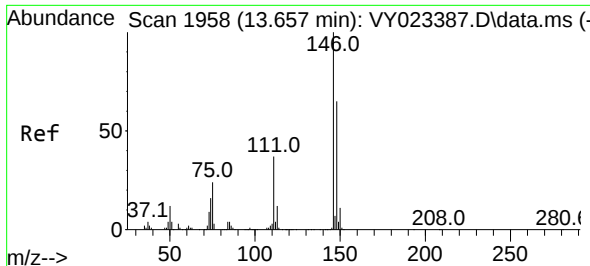
Tgt Ion: 91 Resp: 380966
Ion Ratio Lower Upper
91 100
92 52.6 27.0 80.8
134 27.9 14.1 42.2



#90
Hexachloroethane
Concen: 21.494 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023498.D
Acq: 20 Oct 2025 10:29

Tgt Ion: 117 Resp: 97226
Ion Ratio Lower Upper
117 100
201 87.1 43.8 131.4

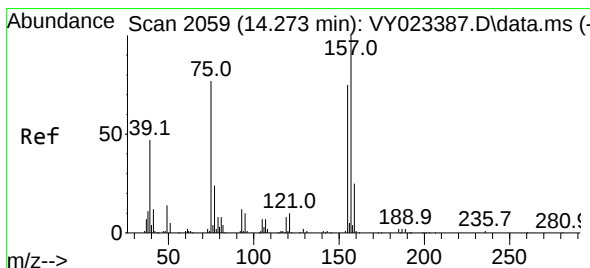
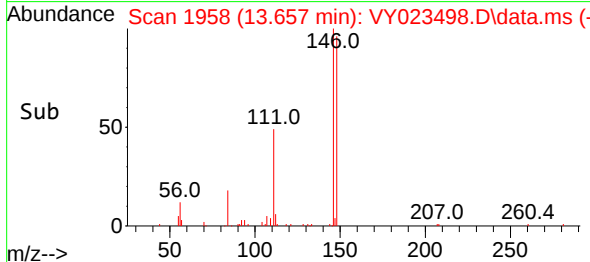
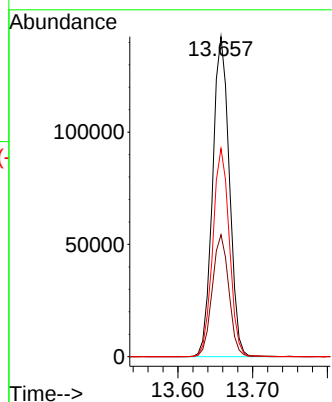
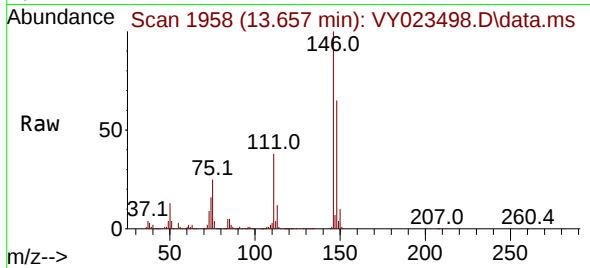




#91
 1,2-Dichlorobenzene
 Concen: 21.190 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023498.D
 Acq: 20 Oct 2025 10:29

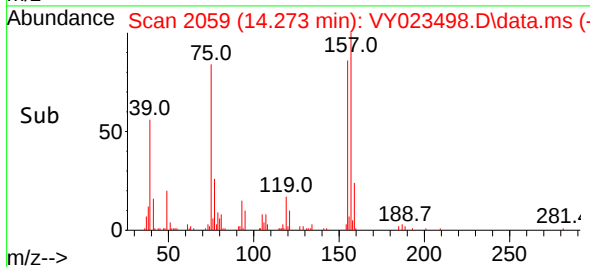
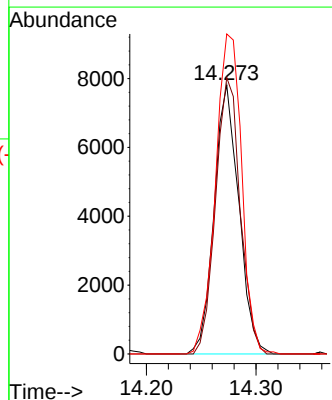
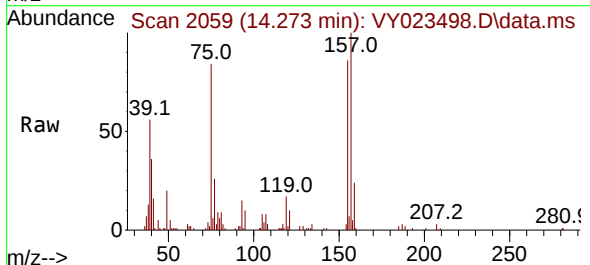
Instrument :
 MSVOA_Y
 ClientSampleId :

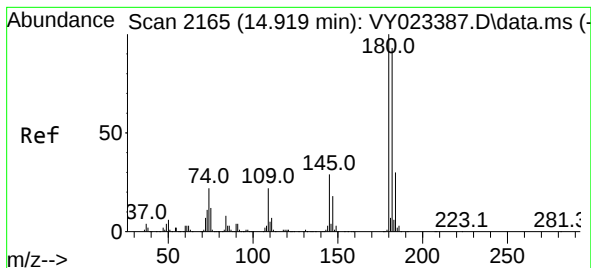
Tgt Ion:146 Resp: 221975
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.0 57.0
 148 64.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.763 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023498.D
 Acq: 20 Oct 2025 10:29

Tgt Ion: 75 Resp: 12241
 Ion Ratio Lower Upper
 75 100
 155 102.4 50.0 150.0
 157 125.6 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 20.048 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

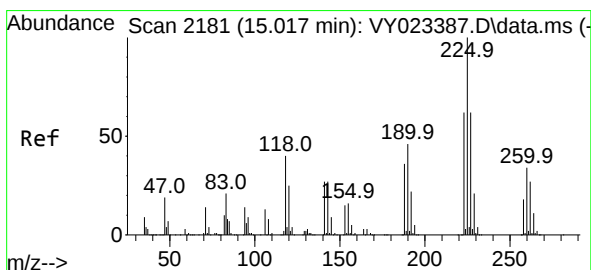
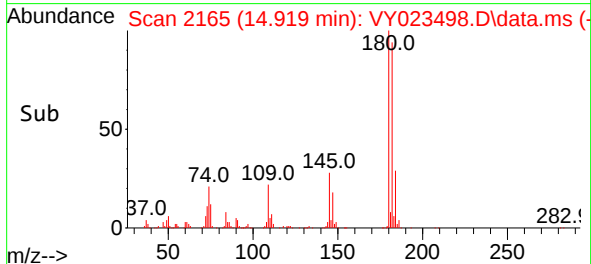
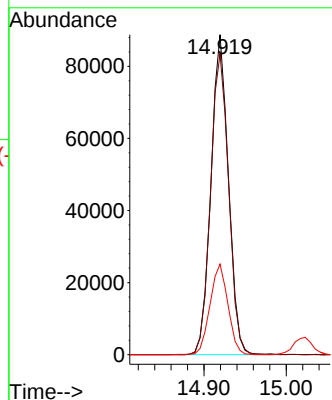
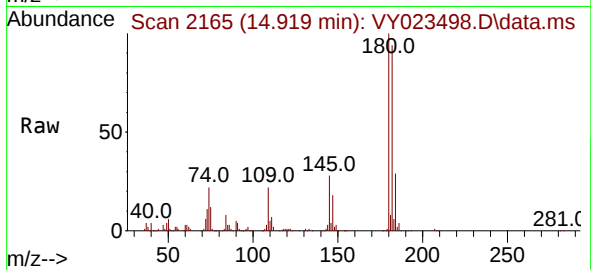
Tgt Ion:180 Resp: 130921

Ion Ratio Lower Upper

180 100

182 97.2 47.9 143.6

145 29.1 14.7 44.1



#94

Hexachlorobutadiene

Concen: 21.983 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

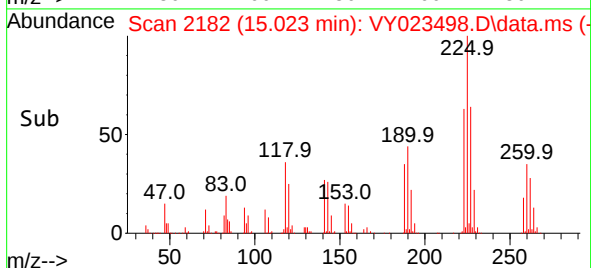
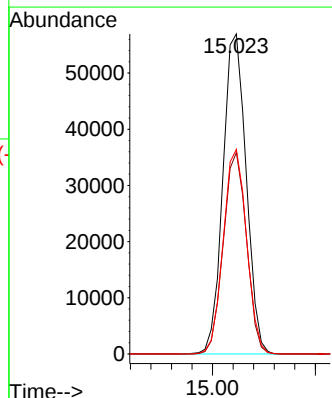
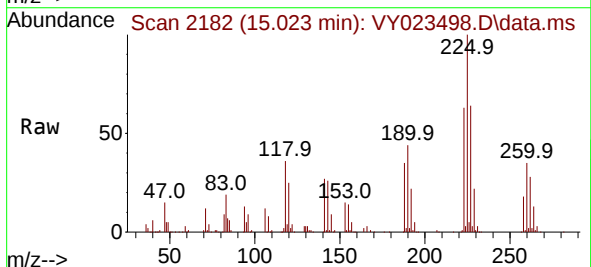
Tgt Ion:225 Resp: 89491

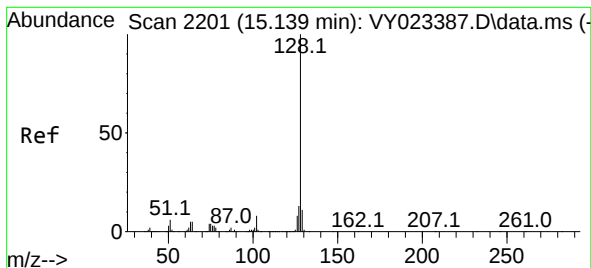
Ion Ratio Lower Upper

225 100

223 62.5 30.8 92.3

227 64.2 31.9 95.7





#95

Naphthalene

Concen: 18.256 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

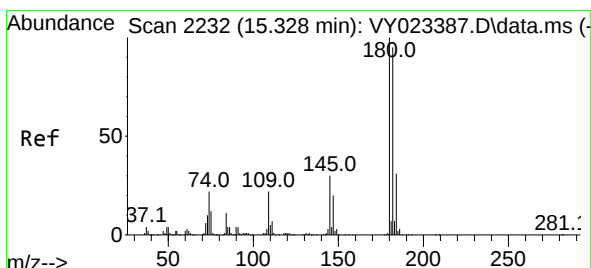
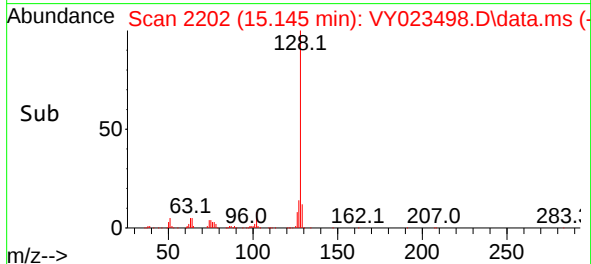
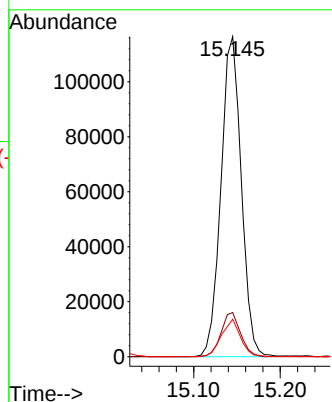
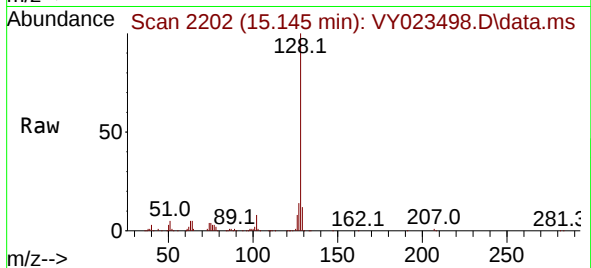
Tgt Ion:128 Resp: 189842

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.214 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023498.D

Acq: 20 Oct 2025 10:29

Tgt Ion:180 Resp: 114341

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 30.3 15.3 45.9

