

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023497.D
 Acq On : 20 Oct 2025 10:07
 Operator : SY/MD
 Sample : VY1020SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 03:54:32 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	523739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	742947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	663321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	353337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	201834	46.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.180%
35) Dibromofluoromethane	7.634	113	229832	50.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.109	98	853532	50.206	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.408	95	277115	49.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77468	20.550	ug/l	97
3) Chloromethane	2.074	50	96902	18.869	ug/l	99
4) Vinyl Chloride	2.208	62	131187	19.613	ug/l	99
5) Bromomethane	2.592	94	118051	21.031	ug/l	99
6) Chloroethane	2.739	64	92174	20.216	ug/l	99
7) Trichlorofluoromethane	3.056	101	193473	20.832	ug/l	97
8) Diethyl Ether	3.458	74	46390	19.115	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	105173	21.823	ug/l	99
10) Methyl Iodide	4.007	142	105809	19.721	ug/l	99
11) Tert butyl alcohol	4.854	59	32322	99.203	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	96483	20.652	ug/l	98
13) Acrolein	3.659	56	23875	51.859	ug/l	95
14) Allyl chloride	4.385	41	105896	18.599	ug/l	98
15) Acrylonitrile	5.061	53	87542	94.259	ug/l	99
16) Acetone	3.866	43	136934	131.334	ug/l	99
17) Carbon Disulfide	4.110	76	269483	20.154	ug/l	99
18) Methyl Acetate	4.391	43	44512	16.275	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	212783	18.950	ug/l	94
20) Methylene Chloride	4.622	84	107272	19.027	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	106769	20.758	ug/l	98
22) Diisopropyl ether	6.025	45	241713	19.192	ug/l	96
23) Vinyl Acetate	5.964	43	646610	94.852	ug/l	97
24) 1,1-Dichloroethane	5.921	63	169150	20.276	ug/l	99
25) 2-Butanone	6.896	43	142543	111.983	ug/l	96
26) 2,2-Dichloropropane	6.890	77	163000	21.293	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	121042	20.372	ug/l	98
28) Bromochloromethane	7.244	49	62645	20.115	ug/l	98
29) Tetrahydrofuran	7.268	42	61631	85.382	ug/l	94
30) Chloroform	7.421	83	190902	20.827	ug/l	98
31) Cyclohexane	7.707	56	138372	18.993	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	174243	20.918	ug/l	99
36) 1,1-Dichloropropene	7.841	75	129736	21.466	ug/l	99
37) Ethyl Acetate	6.988	43	47097	19.670	ug/l	95
38) Carbon Tetrachloride	7.823	117	165108	22.530	ug/l	97
39) Methylcyclohexane	9.109	83	160443	20.389	ug/l	97
40) Benzene	8.085	78	407322	21.281	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	64483	49.796	ug/l #	28
42) 1,2-Dichloroethane	8.158	62	102253	20.715	ug/l	99
43) Isopropyl Acetate	8.201	43	89728	18.794	ug/l	99
44) Trichloroethene	8.866	130	124158	22.163	ug/l	98
45) 1,2-Dichloropropane	9.146	63	89402	21.148	ug/l	100
46) Dibromomethane	9.231	93	57801	21.622	ug/l	97
47) Bromodichloromethane	9.426	83	146088	21.699	ug/l	98
48) Methyl methacrylate	9.225	41	40192	17.919	ug/l	91
49) 1,4-Dioxane	9.231	88	11618	374.851	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	241172	97.770	ug/l	99
52) Toluene	10.170	92	269261	21.667	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	119883	20.479	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	145166	21.011	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	78656	21.881	ug/l	96
56) Ethyl methacrylate	10.438	69	79990	19.290	ug/l	96
57) 1,3-Dichloropropane	10.719	76	121022	21.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	168775	90.858	ug/l	100
59) 2-Hexanone	10.762	43	192433	109.161	ug/l	99
60) Dibromochloromethane	10.914	129	110798	21.984	ug/l	100
61) 1,2-Dibromoethane	11.018	107	72250	21.075	ug/l	99
64) Tetrachloroethene	10.646	164	151867	22.173	ug/l	98
65) Chlorobenzene	11.444	112	302485	20.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	110179	21.431	ug/l	98
67) Ethyl Benzene	11.517	91	476476	20.403	ug/l	100
68) m/p-Xylenes	11.627	106	394831	42.153	ug/l	100
69) o-Xylene	11.956	106	180028	20.491	ug/l	99
70) Styrene	11.969	104	305623	21.154	ug/l	99
71) Bromoform	12.133	173	69820	21.894	ug/l #	97
73) Isopropylbenzene	12.255	105	471638	20.255	ug/l	100
74) N-amyl acetate	12.072	43	73717	17.626	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	74362	19.525	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	101046	32.414	ug/l #	100
77) Bromobenzene	12.530	156	126770	20.478	ug/l	99
78) n-propylbenzene	12.597	91	564399	20.946	ug/l	100
79) 2-Chlorotoluene	12.682	91	319779	20.266	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	389889	20.721	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25105	19.748	ug/l	99
82) 4-Chlorotoluene	12.779	91	337426	20.763	ug/l	100
83) tert-Butylbenzene	12.999	119	351553	20.235	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	388491	20.688	ug/l	100
85) sec-Butylbenzene	13.176	105	519789	20.857	ug/l	100
86) p-Isopropyltoluene	13.292	119	441147	20.790	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	248425	20.608	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	244966	20.575	ug/l	99
89) n-Butylbenzene	13.615	91	373193	20.185	ug/l	98
90) Hexachloroethane	13.877	117	96938	21.241	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	217576	20.587	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11872	18.998	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	128052	19.435	ug/l	98
94) Hexachlorobutadiene	15.023	225	86443	21.047	ug/l	99
95) Naphthalene	15.145	128	175261	16.704	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	107165	18.778	ug/l	99

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QLast Update : Wed Oct 08 05:12:50 2025
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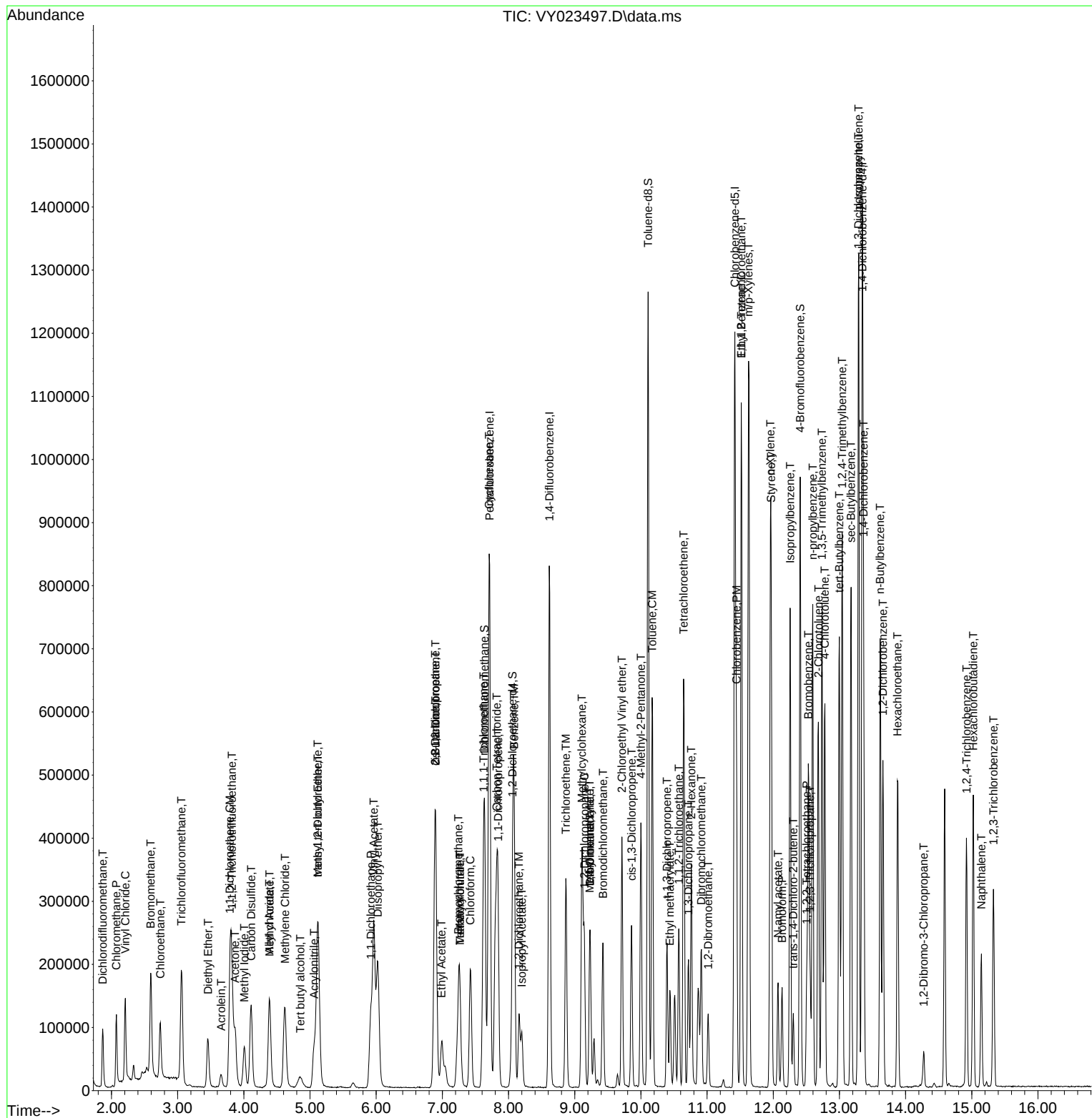
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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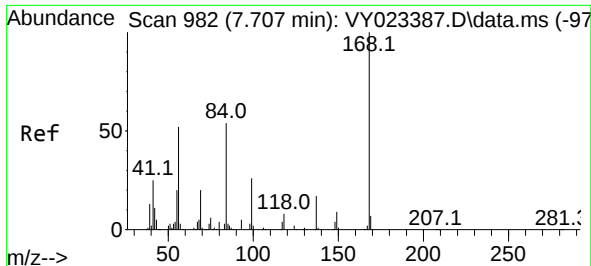
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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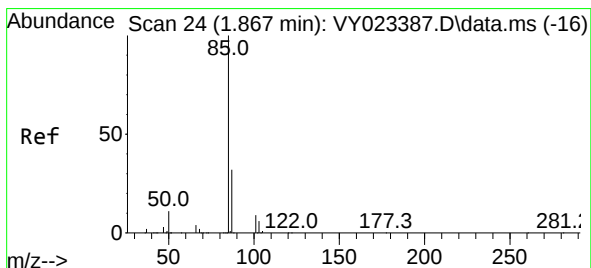
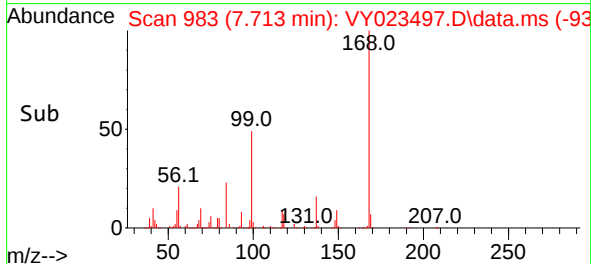
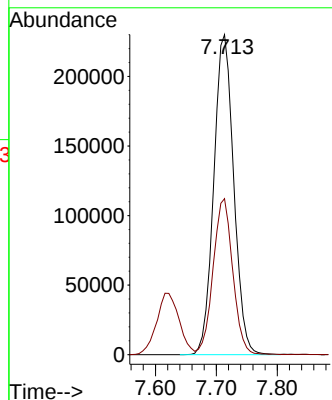
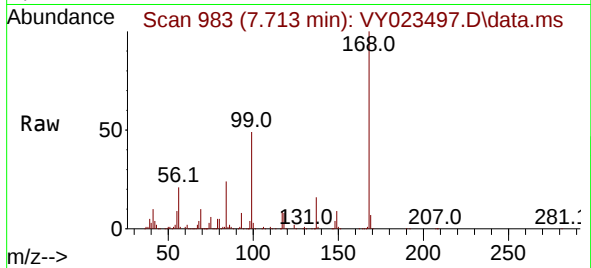




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023497.D
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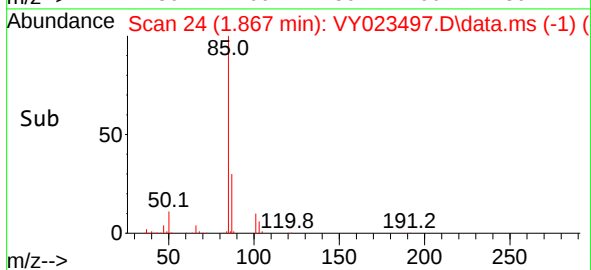
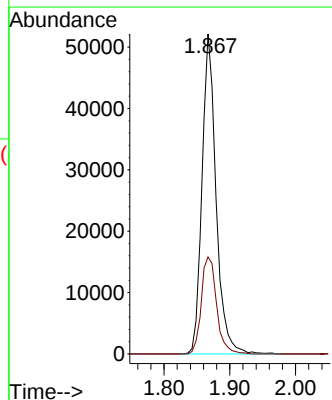
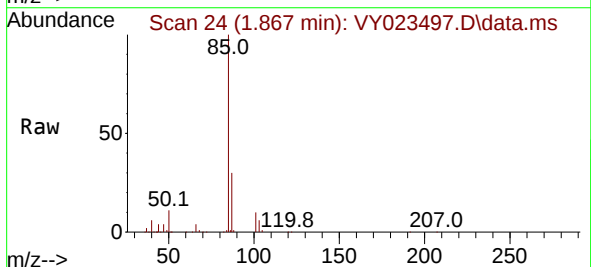
Instrument :
MSVOA_Y
ClientSampleId :

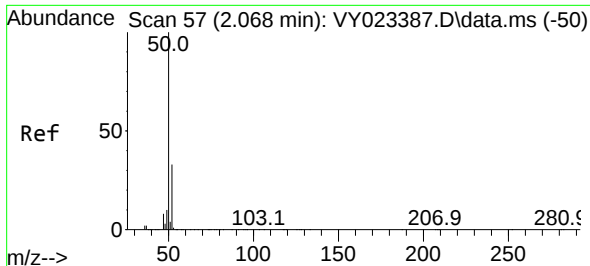
Tgt Ion:168 Resp: 523739
Ion Ratio Lower Upper
168 100
99 48.7 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.550 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 85 Resp: 77468
Ion Ratio Lower Upper
85 100
87 30.3 16.0 47.9

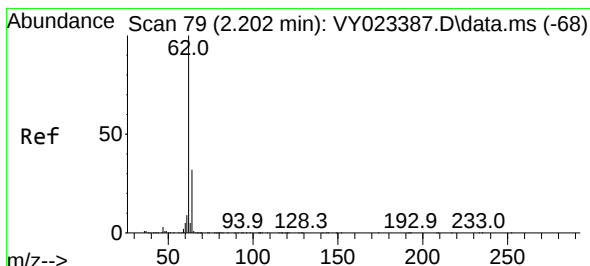
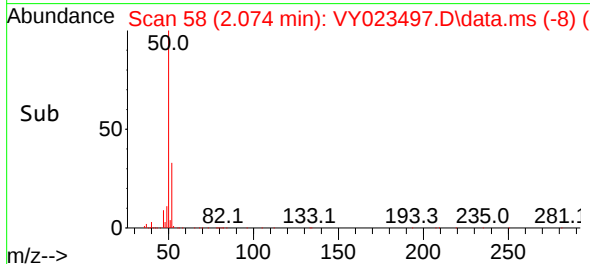
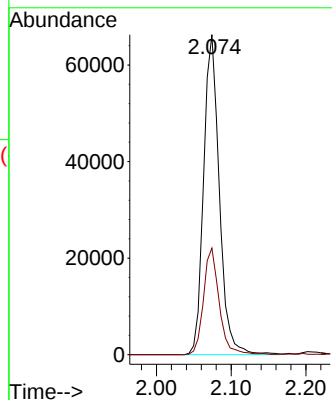
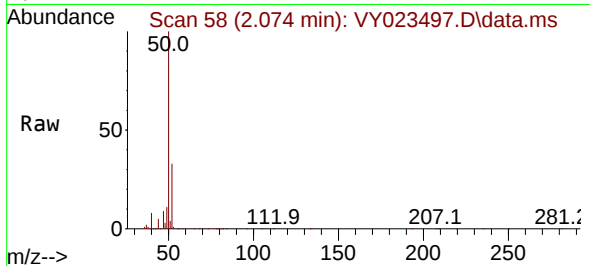




#3
Chloromethane
Concen: 18.869 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

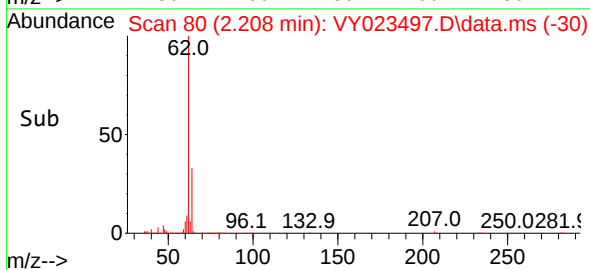
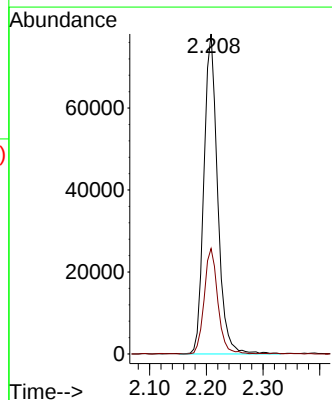
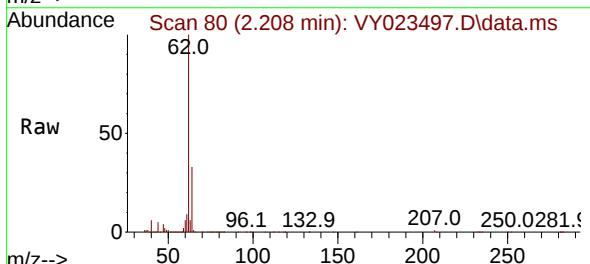
Instrument :
MSVOA_Y
ClientSampleId :

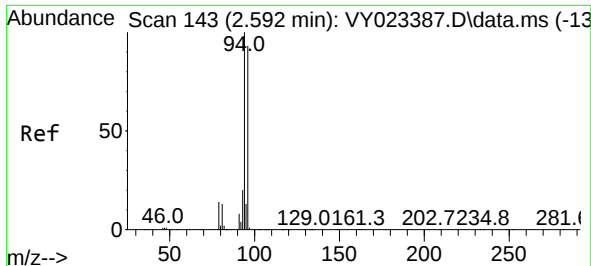
Tgt Ion: 50 Resp: 96902
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 19.613 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 62 Resp: 131187
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.8

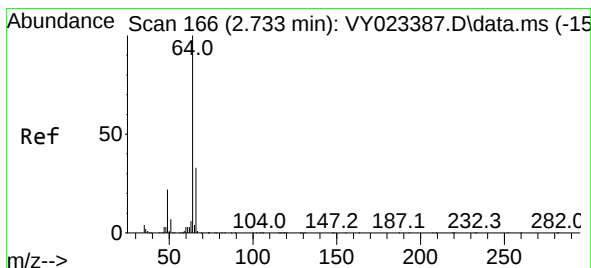
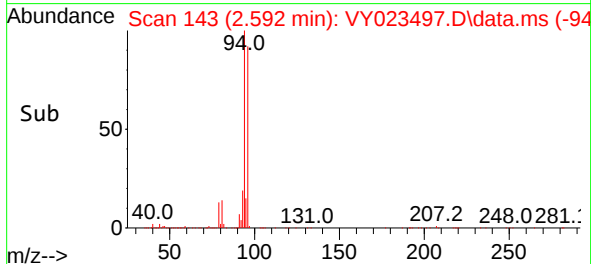
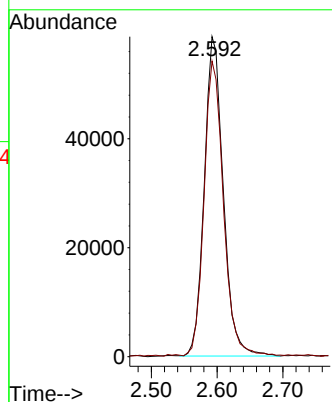
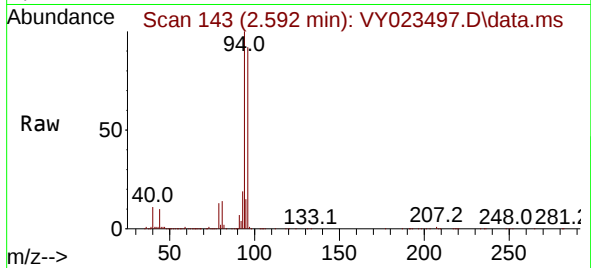




#5
Bromomethane
Concen: 21.031 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023497.D
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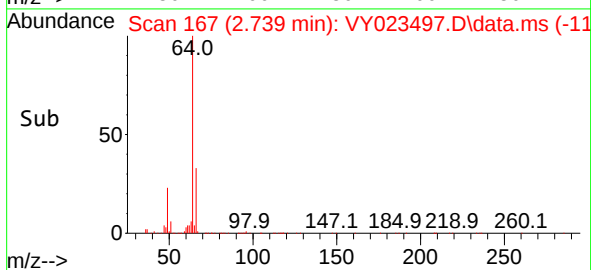
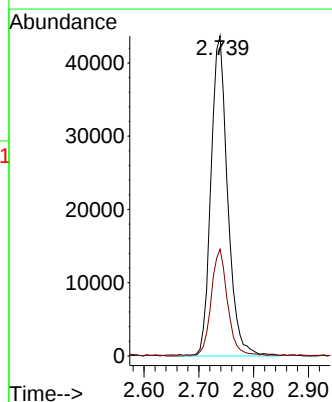
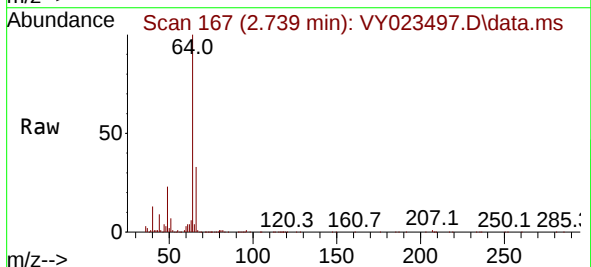
Instrument :
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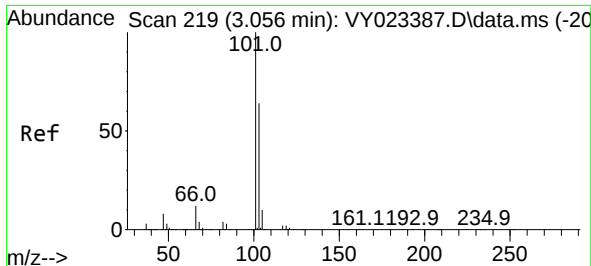
Tgt Ion: 94 Resp: 118051
Ion Ratio Lower Upper
94 100
96 92.1 74.5 111.7



#6
Chloroethane
Concen: 20.216 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 64 Resp: 92174
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

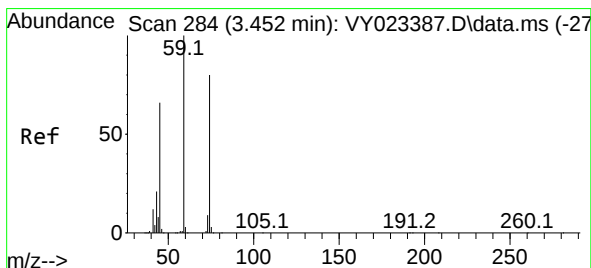
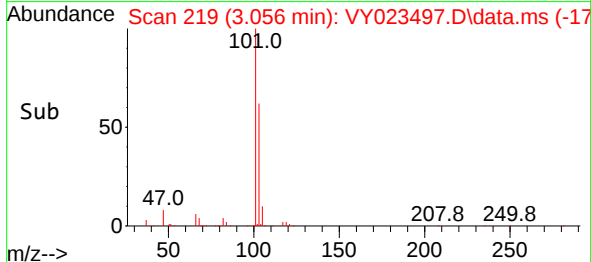
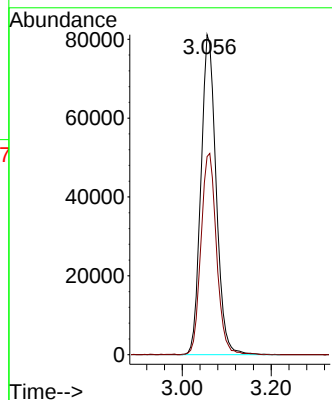
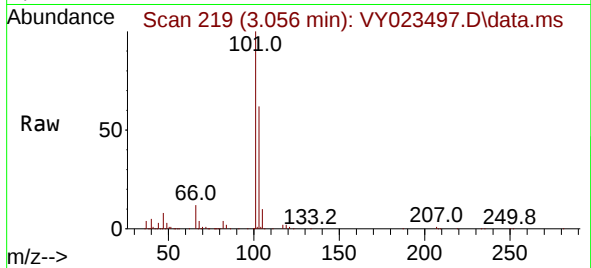




#7
Trichlorofluoromethane
Concen: 20.832 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

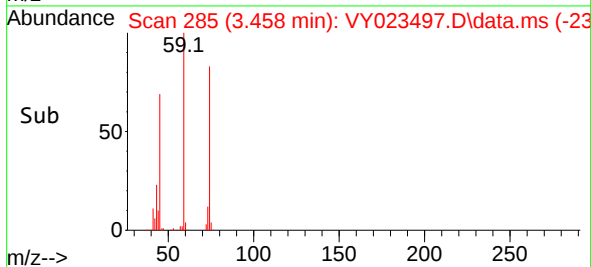
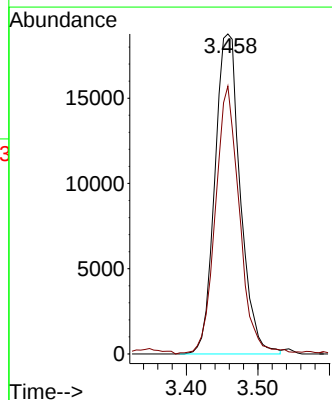
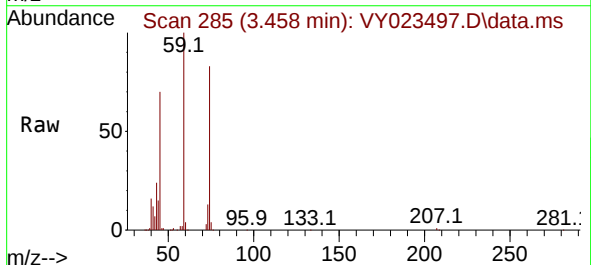
Instrument :
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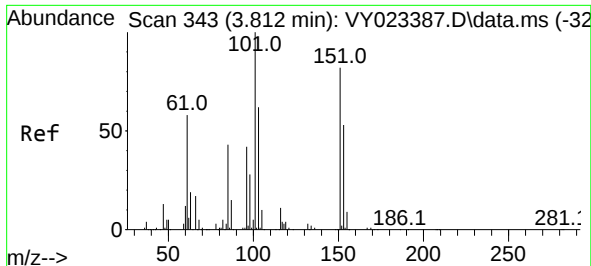
Tgt Ion:101 Resp: 193473
Ion Ratio Lower Upper
101 100
103 61.9 51.3 76.9



#8
Diethyl Ether
Concen: 19.115 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023497.D
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Tgt Ion: 74 Resp: 46390
Ion Ratio Lower Upper
74 100
45 78.3 39.9 119.7

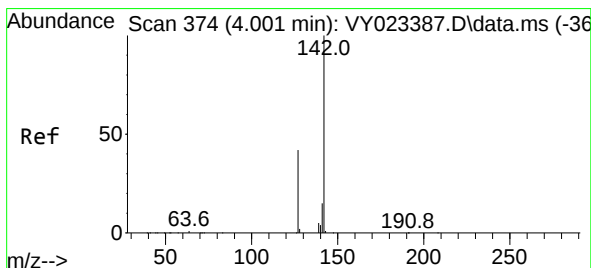
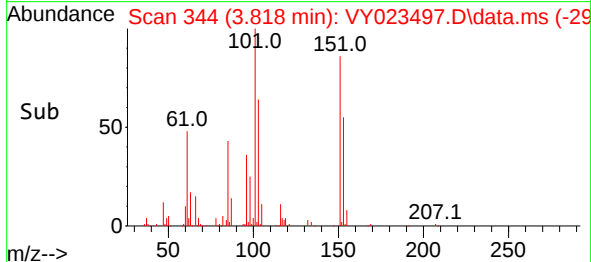
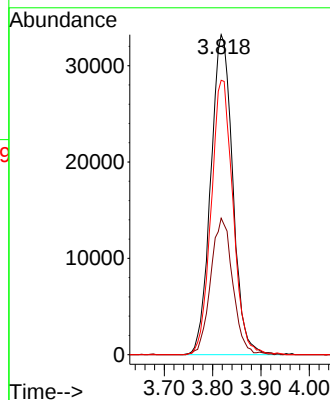
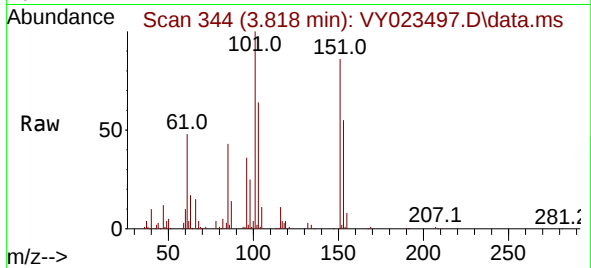




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.823 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

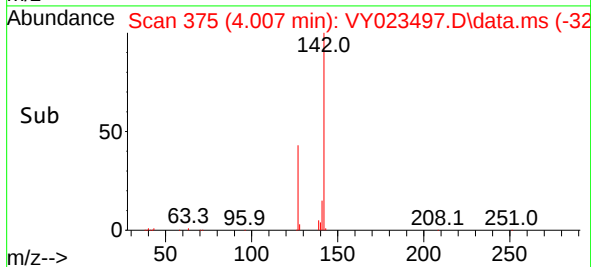
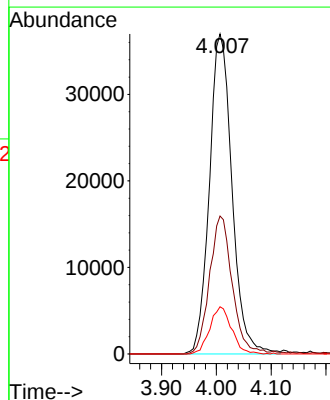
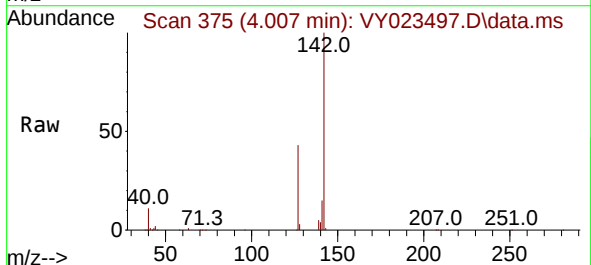
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 105173
Ion Ratio Lower Upper
101 100
85 42.4 34.6 51.8
151 85.1 67.0 100.6



#10
Methyl Iodide
Concen: 19.721 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion:142 Resp: 105809
Ion Ratio Lower Upper
142 100
127 43.1 34.8 52.2
141 14.2 11.6 17.4

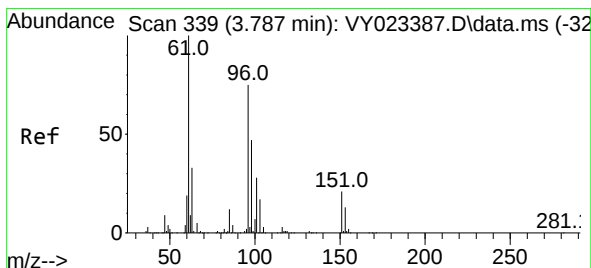
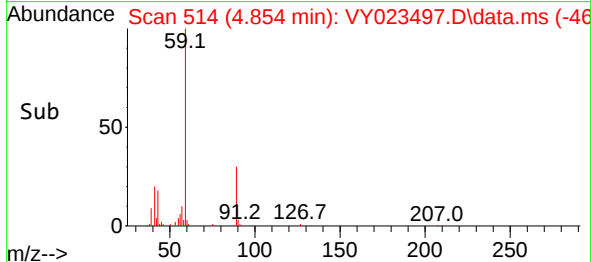
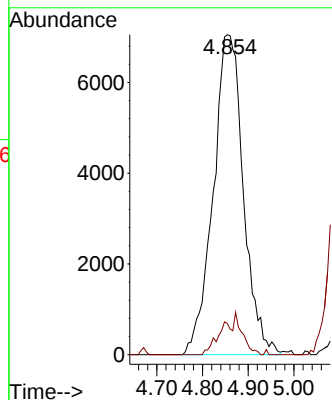
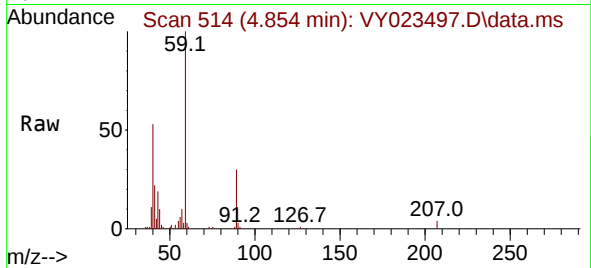




#11
Tert butyl alcohol
Concen: 99.203 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

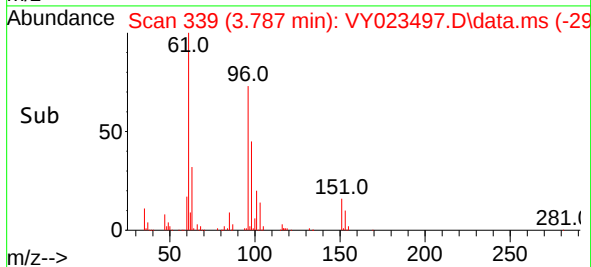
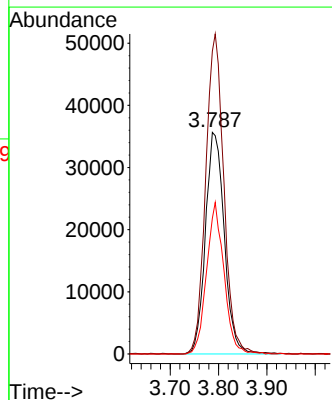
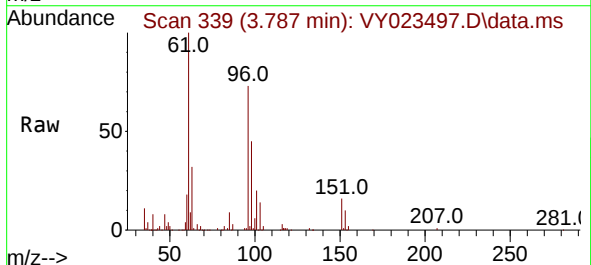
Instrument :
MSVOA_Y
ClientSampleId :

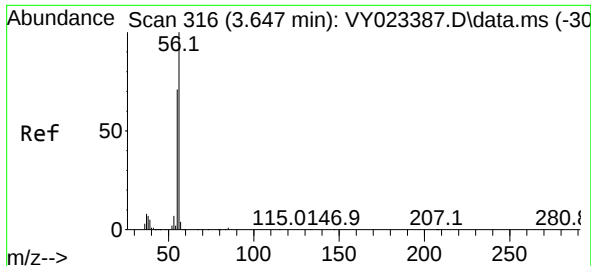
Tgt Ion: 59 Resp: 32322
Ion Ratio Lower Upper
59 100
57 5.1 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.652 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 96 Resp: 96483
Ion Ratio Lower Upper
96 100
61 136.6 106.7 160.1
98 61.2 50.2 75.4

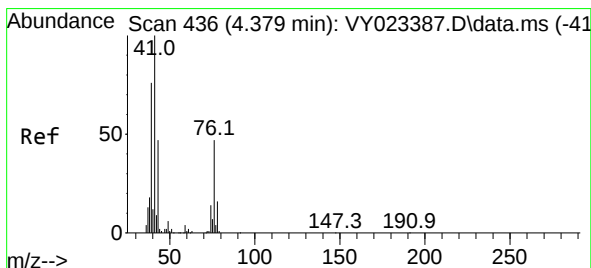
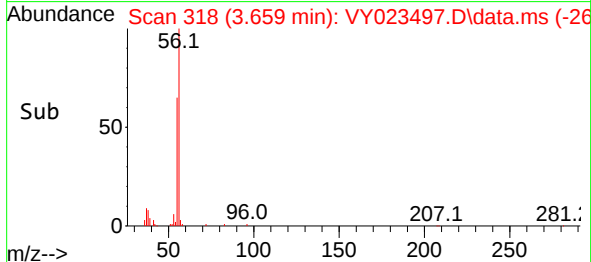
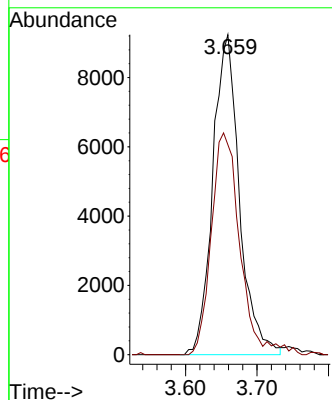
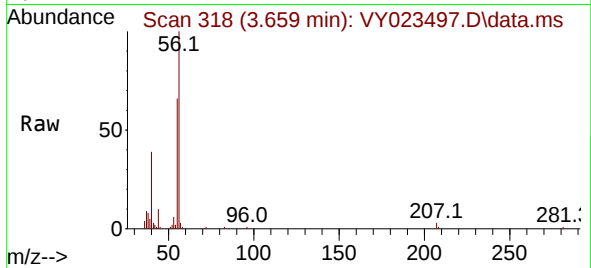




#13
Acrolein
Concen: 51.859 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

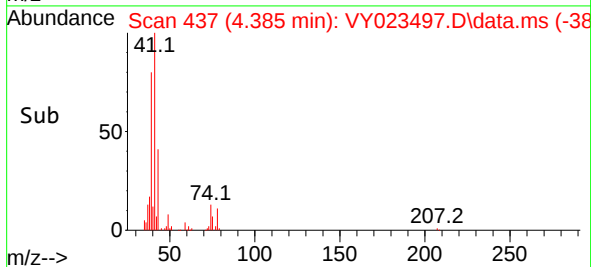
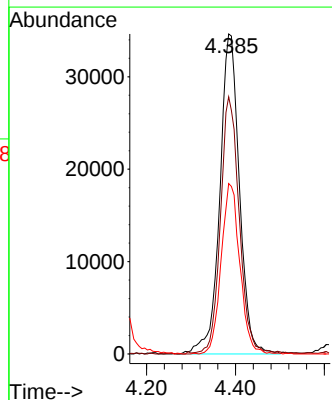
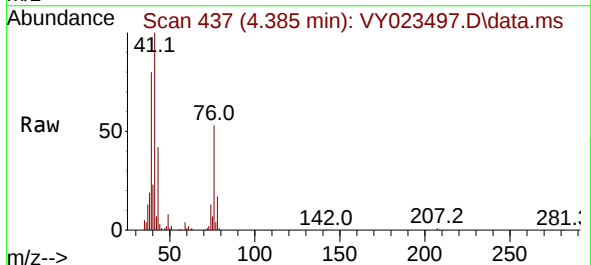
Instrument :
MSVOA_Y
ClientSampleId :

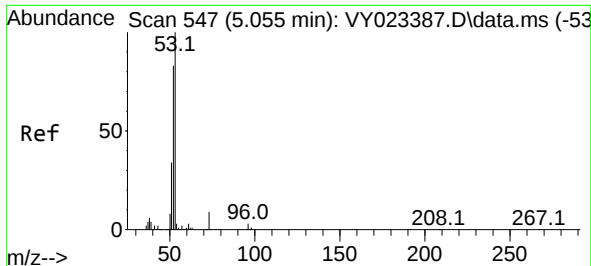
Tgt Ion: 56 Resp: 23875
Ion Ratio Lower Upper
56 100
55 74.4 56.1 84.1



#14
Allyl chloride
Concen: 18.599 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 41 Resp: 105896
Ion Ratio Lower Upper
41 100
39 75.4 59.9 89.9
76 50.7 38.0 57.0

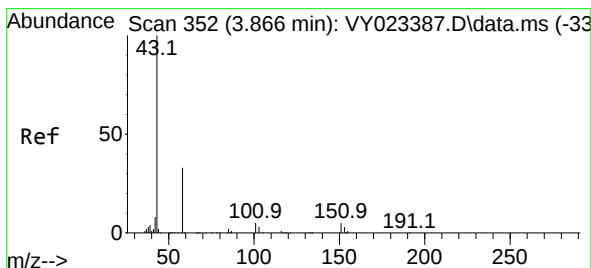
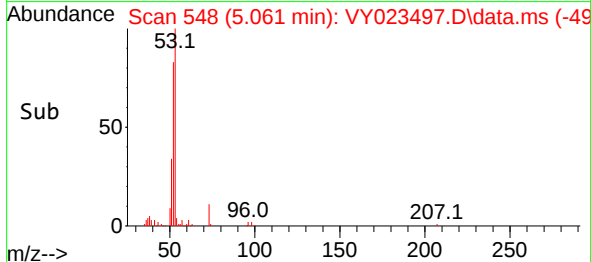
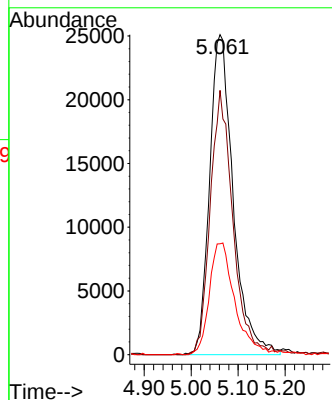
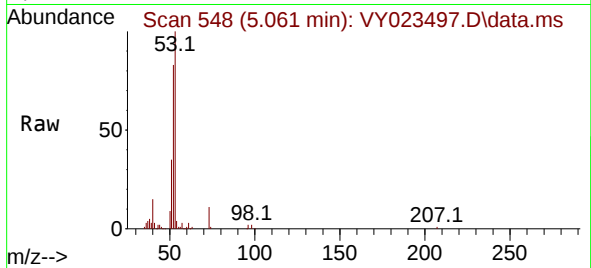




#15
Acrylonitrile
Concen: 94.259 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

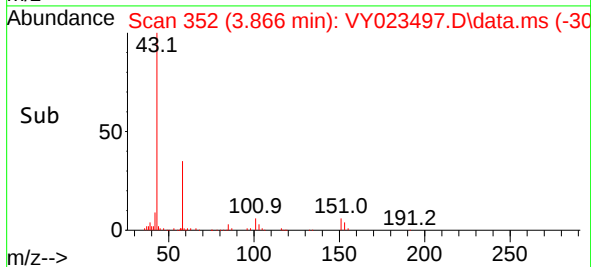
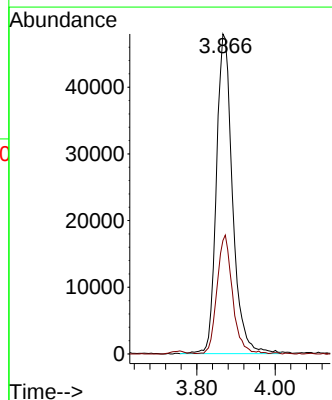
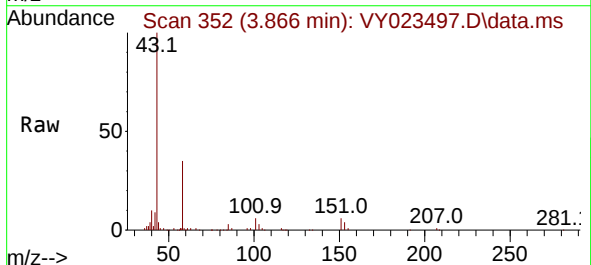
Instrument :
MSVOA_Y
ClientSampleId :

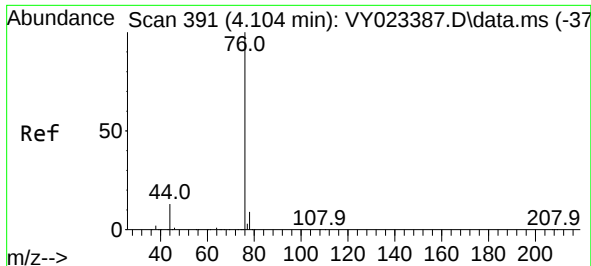
Tgt Ion: 53 Resp: 87542
Ion Ratio Lower Upper
53 100
52 79.3 64.6 97.0
51 37.5 29.5 44.3



#16
Acetone
Concen: 131.334 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 43 Resp: 136934
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5

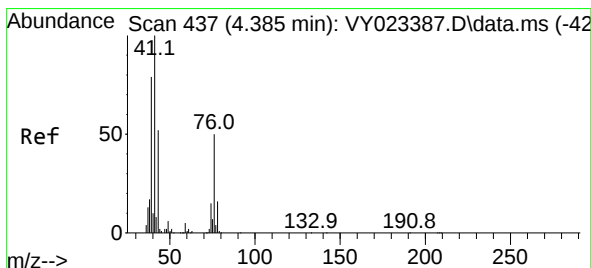
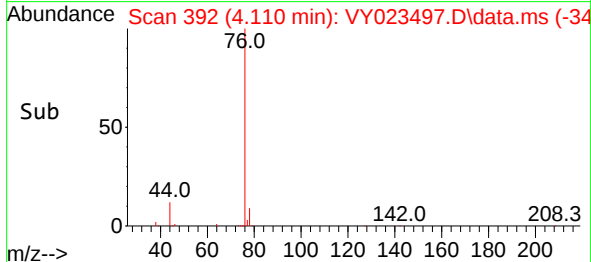
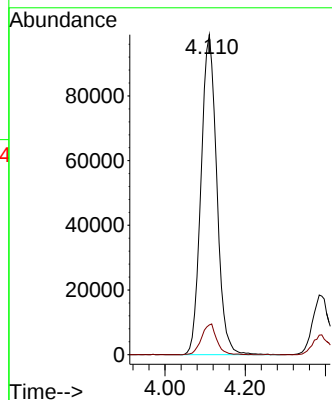
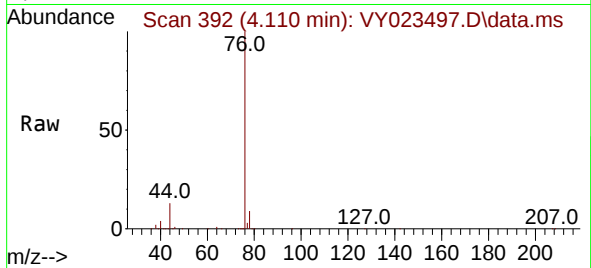




#17
Carbon Disulfide
Concen: 20.154 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

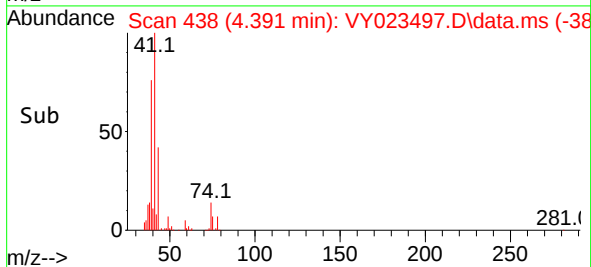
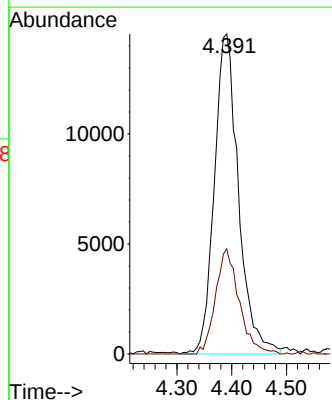
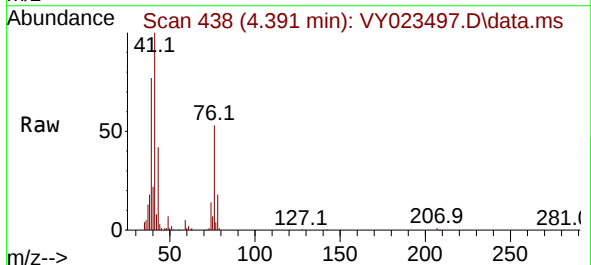
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 269483
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 16.275 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 43 Resp: 44512
Ion Ratio Lower Upper
43 100
74 32.1 24.2 36.4

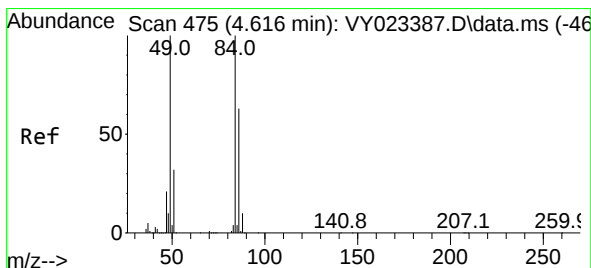
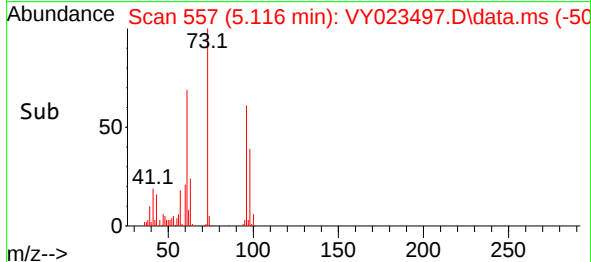
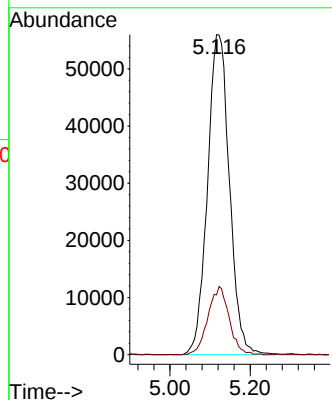
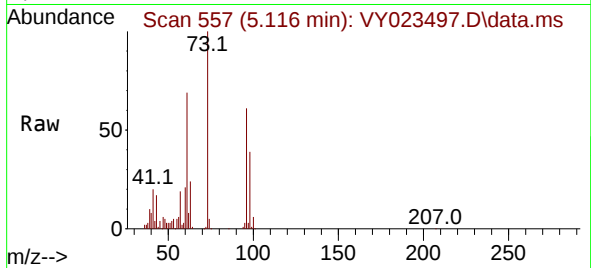




#19
Methyl tert-butyl Ether
Concen: 18.950 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

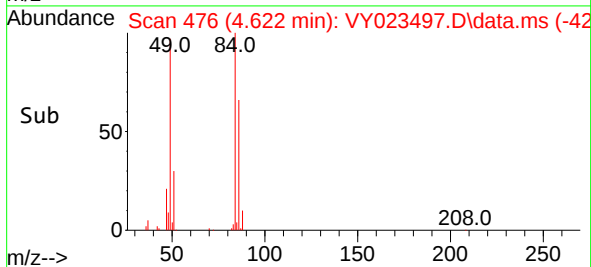
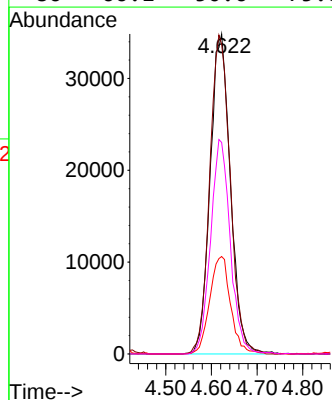
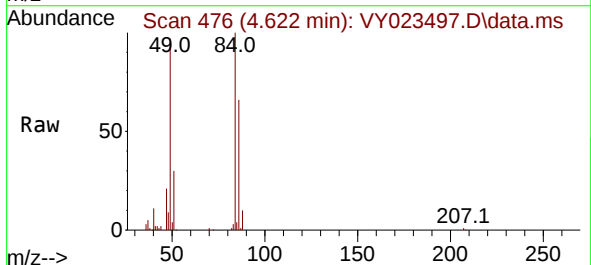
Instrument :
MSVOA_Y
ClientSampleId :

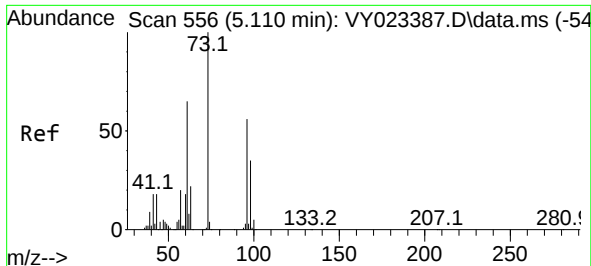
Tgt Ion: 73 Resp: 212783
Ion Ratio Lower Upper
73 100
57 18.7 17.4 26.0



#20
Methylene Chloride
Concen: 19.027 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

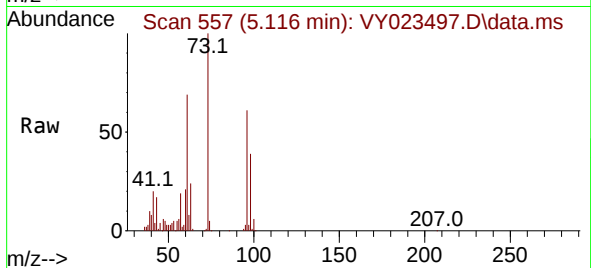
Tgt Ion: 84 Resp: 107272
Ion Ratio Lower Upper
84 100
49 96.8 80.2 120.4
51 30.5 25.9 38.9
86 66.1 50.6 75.8



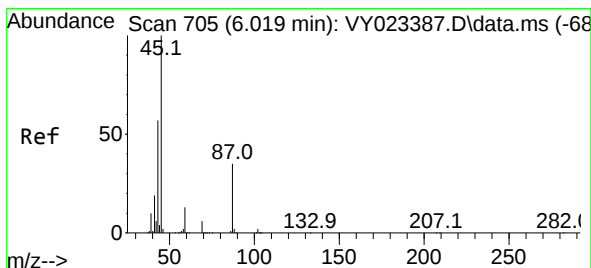
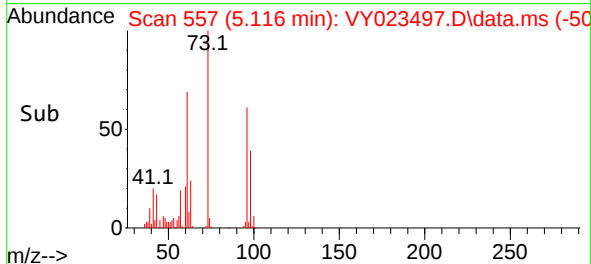
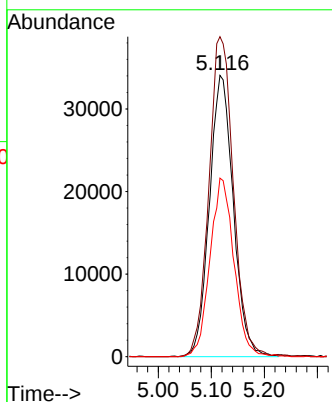


#21
trans-1,2-Dichloroethene
Concen: 20.758 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Instrument :
MSVOA_Y
ClientSampleId :

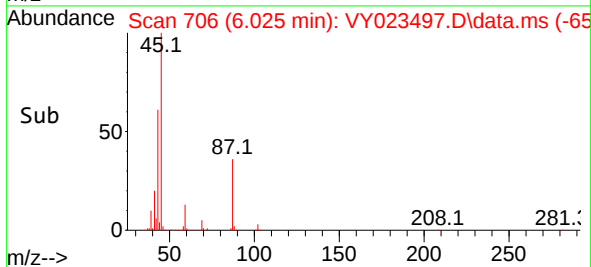
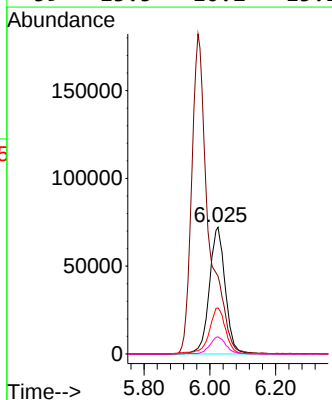
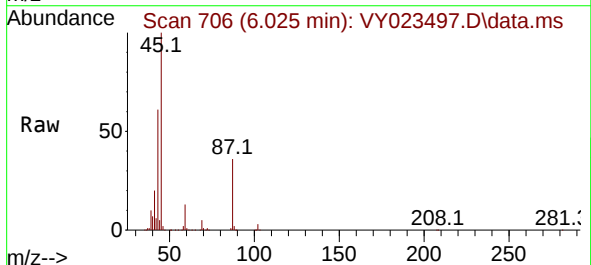


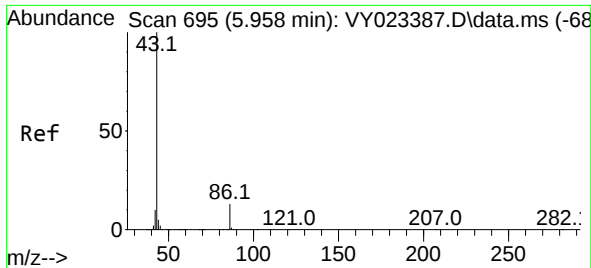
Tgt Ion: 96 Resp: 106769
Ion Ratio Lower Upper
96 100
61 113.7 92.7 139.1
98 63.4 49.7 74.5



#22
Diisopropyl ether
Concen: 19.192 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 45 Resp: 241713
Ion Ratio Lower Upper
45 100
43 61.0 45.6 68.4
87 36.4 28.1 42.1
59 13.5 10.2 15.2

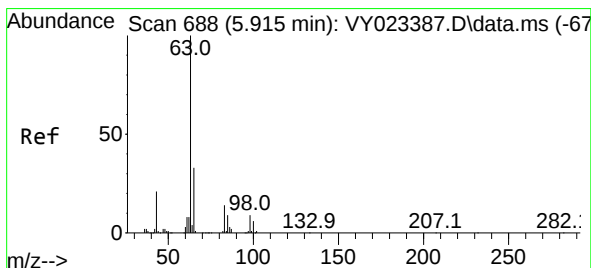
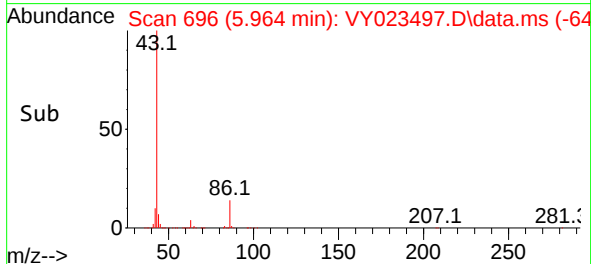
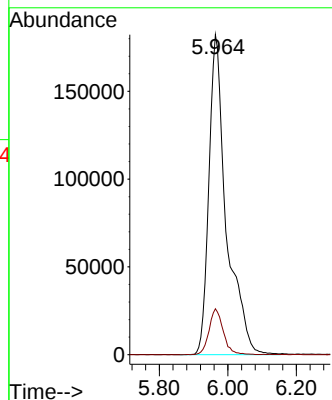
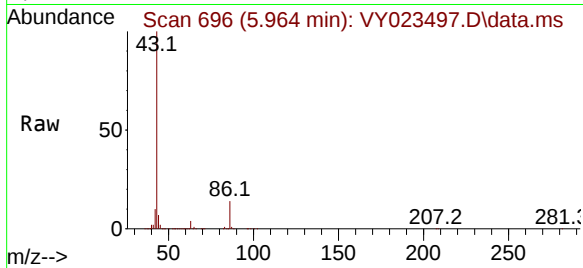




#23
 Vinyl Acetate
 Concen: 94.852 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

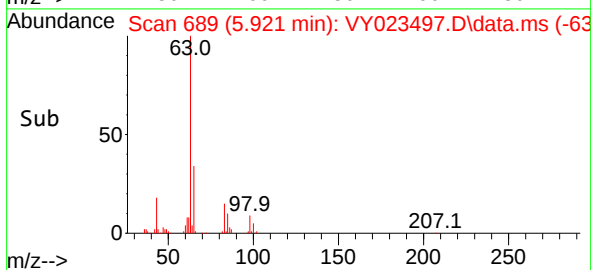
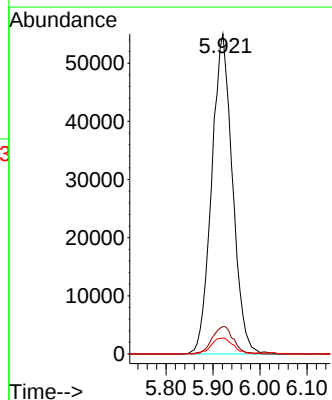
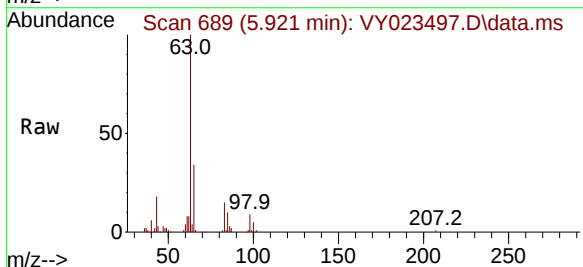
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 646610
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.276 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

Tgt Ion: 63 Resp: 169150
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 13.1
 100 5.0 2.8 8.4





#25

2-Butanone

Concen: 111.983 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

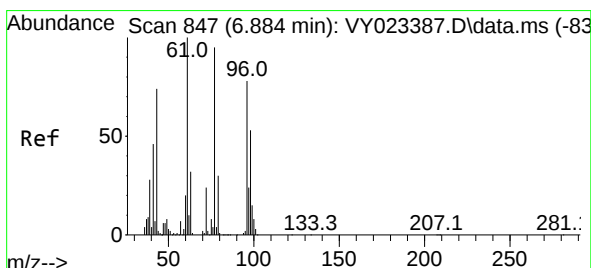
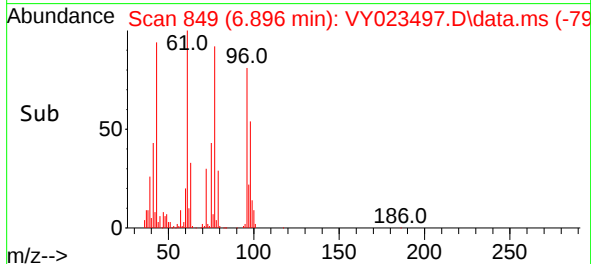
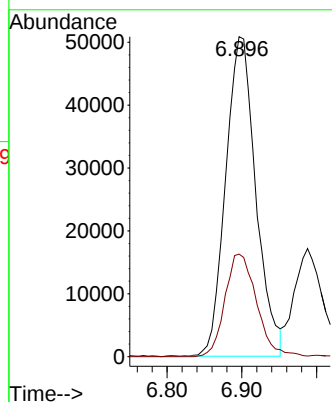
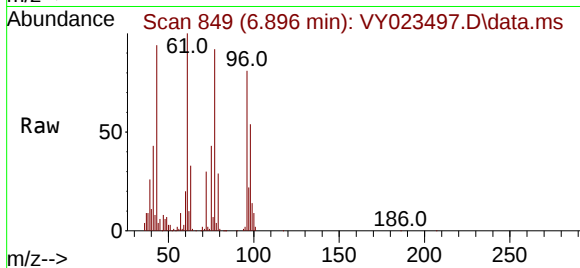
ClientSampleId :

Tgt Ion: 43 Resp: 142543

Ion Ratio Lower Upper

43 100

72 32.1 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.293 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023497.D

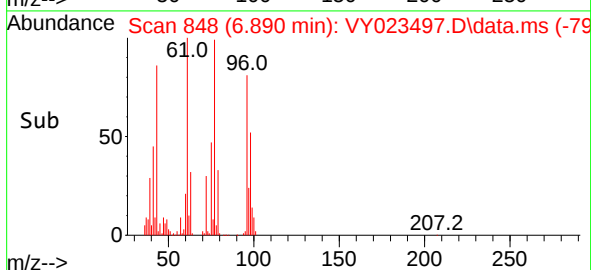
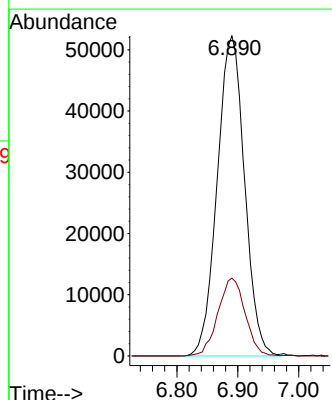
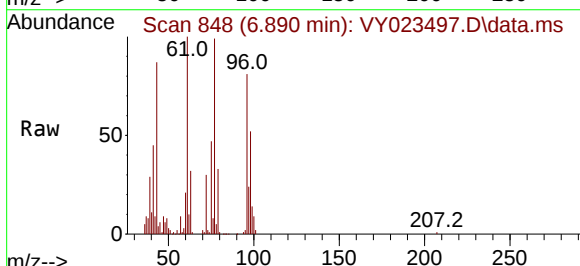
Acq: 20 Oct 2025 10:07

Tgt Ion: 77 Resp: 163000

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.372 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

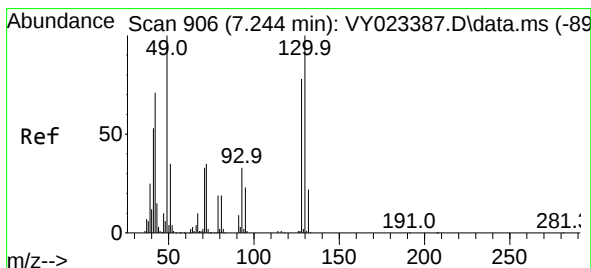
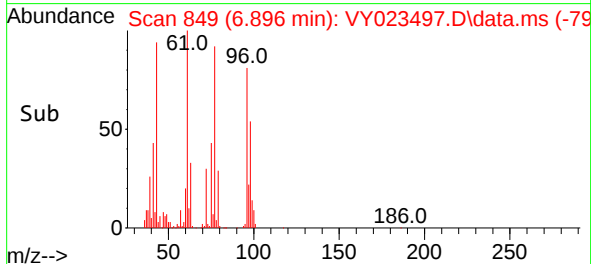
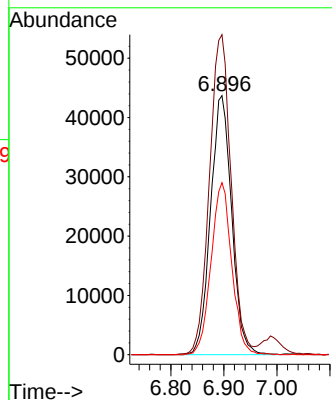
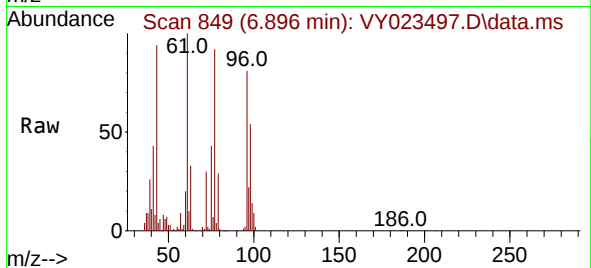
Tgt Ion: 96 Resp: 121042

Ion Ratio Lower Upper

96 100

61 126.9 0.0 258.2

98 64.9 0.0 132.0



#28

Bromochloromethane

Concen: 20.115 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

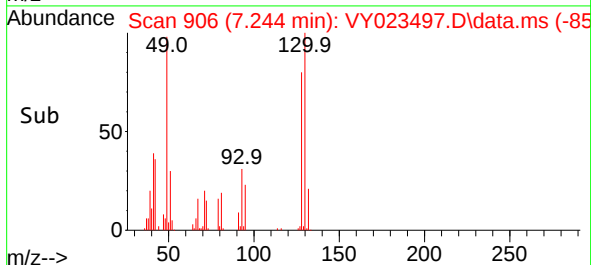
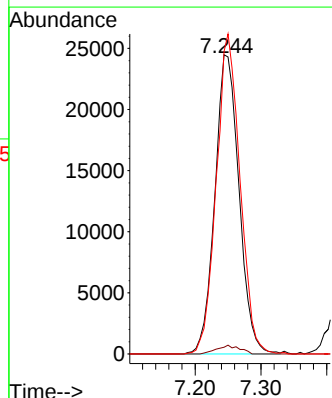
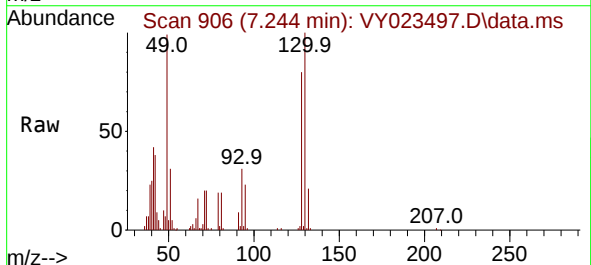
Tgt Ion: 49 Resp: 62645

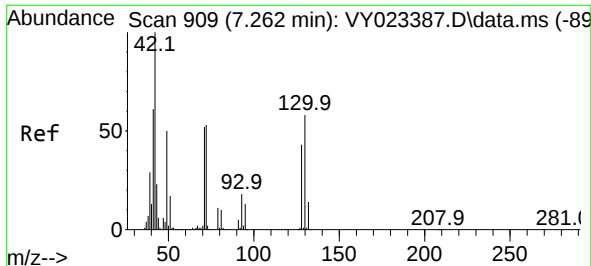
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 104.8 81.9 122.9





#29

Tetrahydrofuran

Concen: 85.382 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

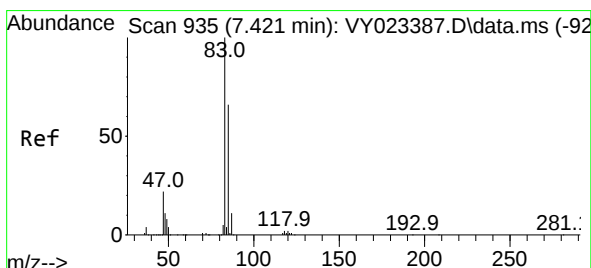
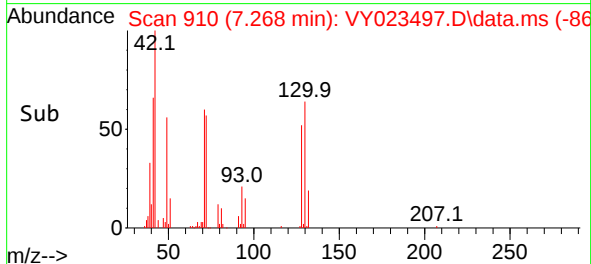
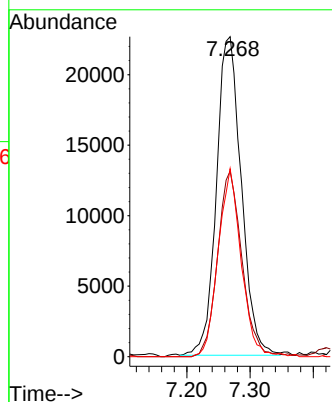
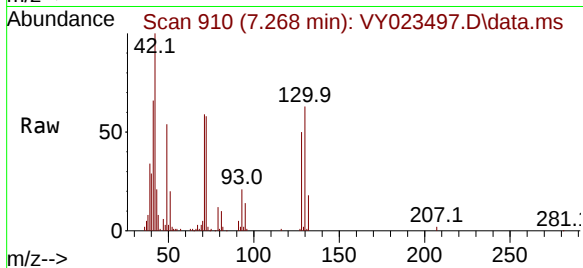
Tgt Ion: 42 Resp: 61631

Ion Ratio Lower Upper

42 100

72 57.3 43.0 64.6

71 54.8 40.1 60.1



#30

Chloroform

Concen: 20.827 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023497.D

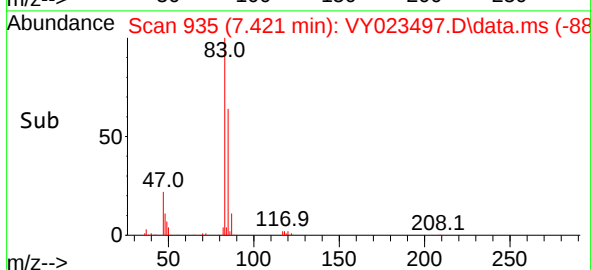
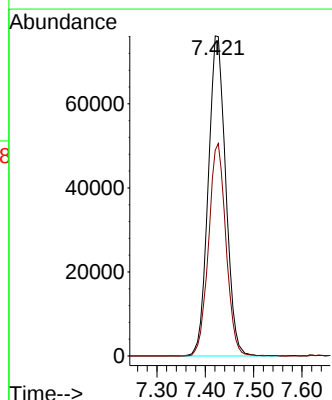
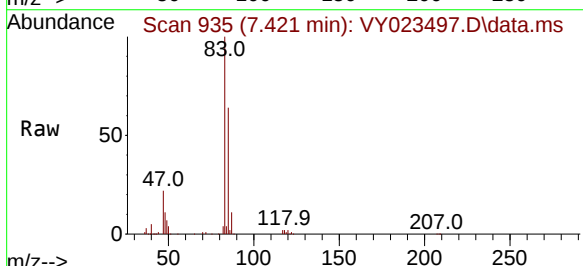
Acq: 20 Oct 2025 10:07

Tgt Ion: 83 Resp: 190902

Ion Ratio Lower Upper

83 100

85 64.3 52.5 78.7

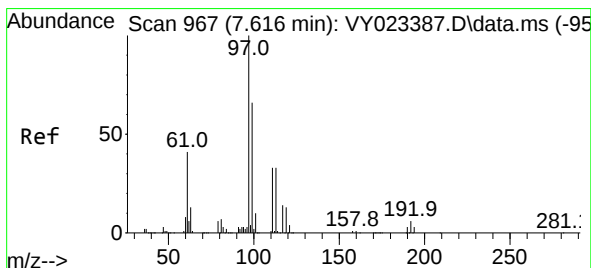
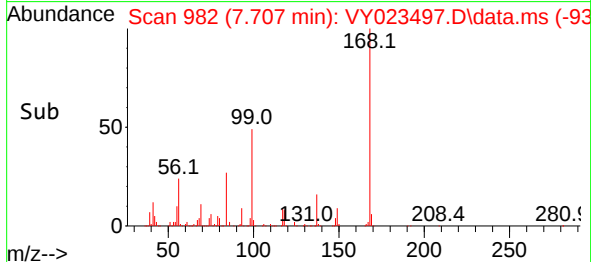
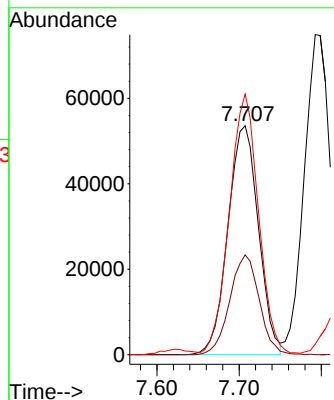
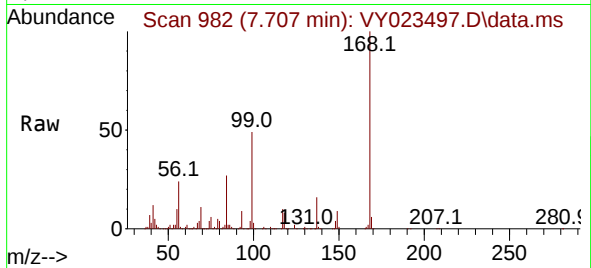




#31
Cyclohexane
Concen: 18.993 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

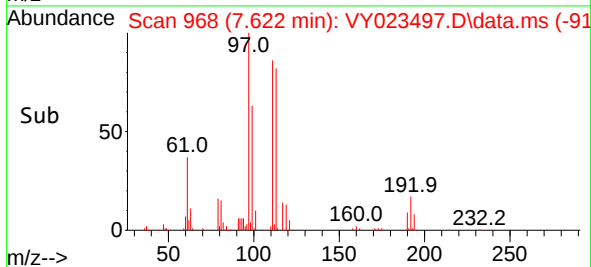
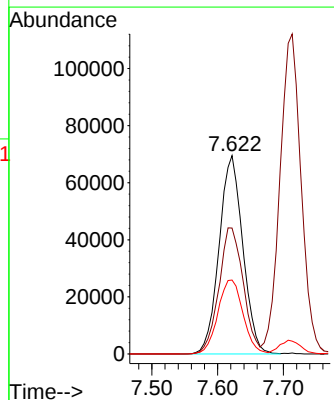
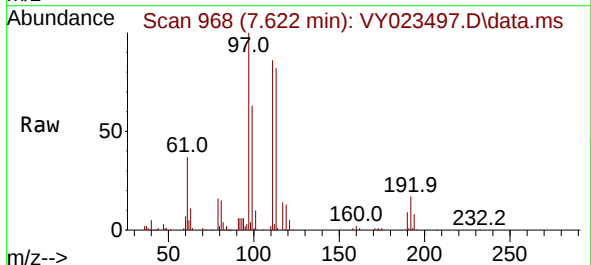
Instrument :
MSVOA_Y
ClientSampleId :

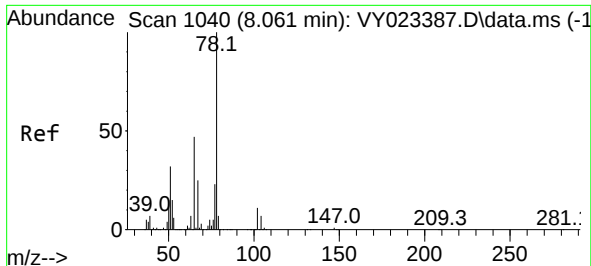
Tgt Ion: 56 Resp: 138372
Ion Ratio Lower Upper
56 100
69 43.6 30.0 45.0
84 111.6 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.918 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 97 Resp: 174243
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 39.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.085 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

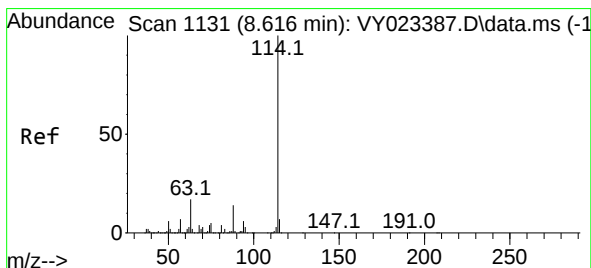
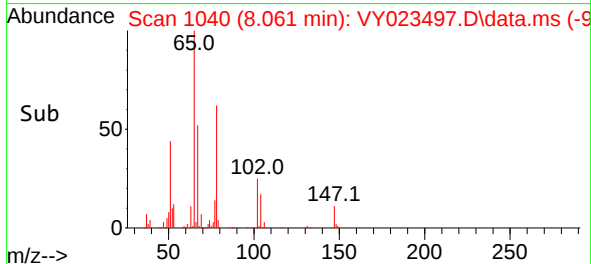
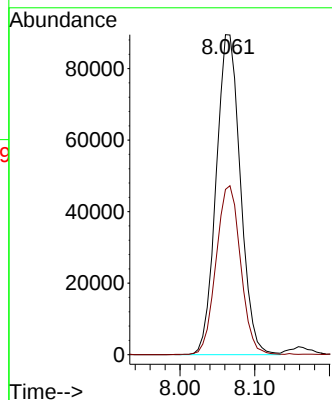
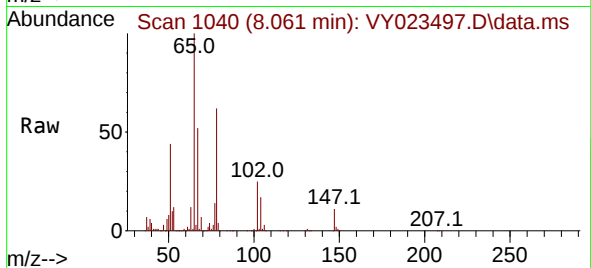
ClientSampleId :

Tgt Ion: 65 Resp: 201834

Ion Ratio Lower Upper

65 100

67 53.5 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: VY023497.D

Acq: 20 Oct 2025 10:07

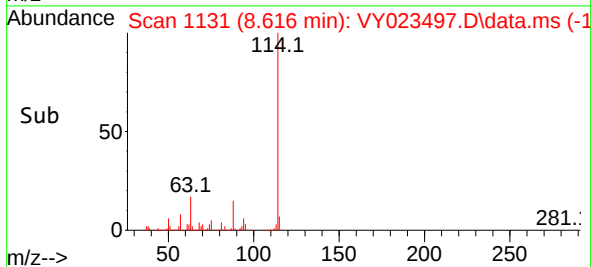
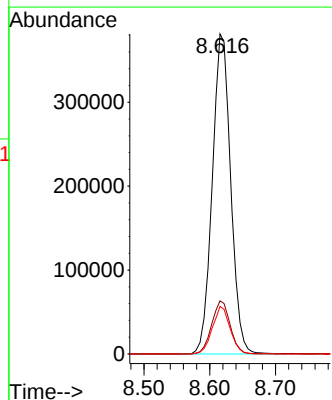
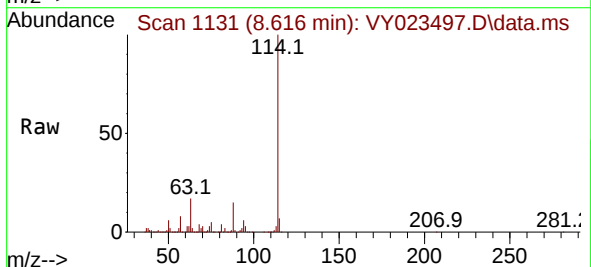
Tgt Ion:114 Resp: 742947

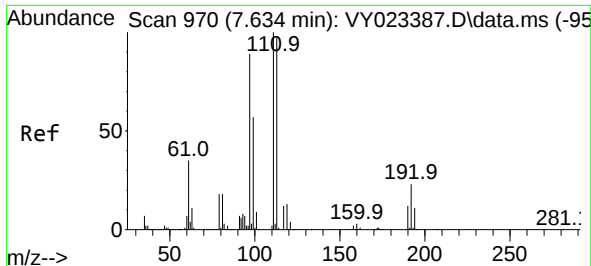
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.2

88 14.8 0.0 28.4

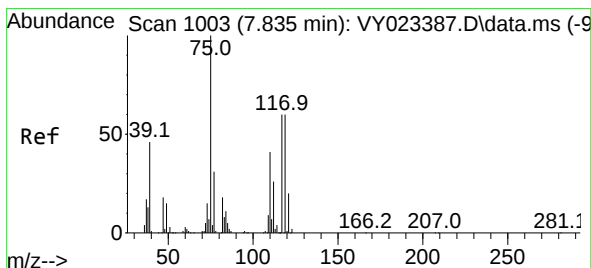
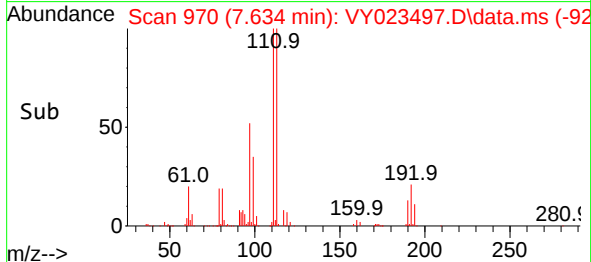
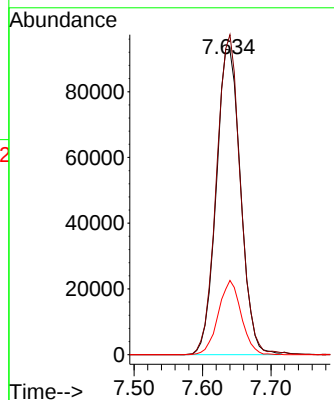
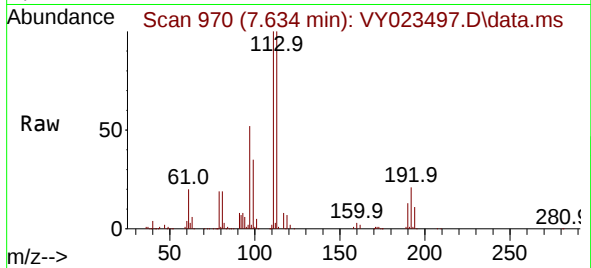




#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

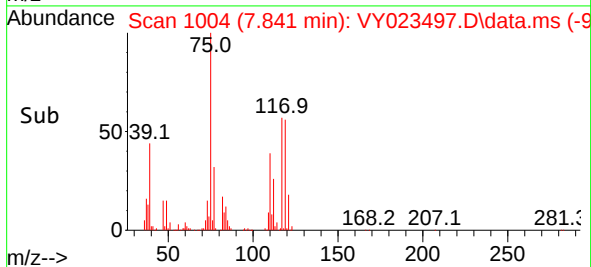
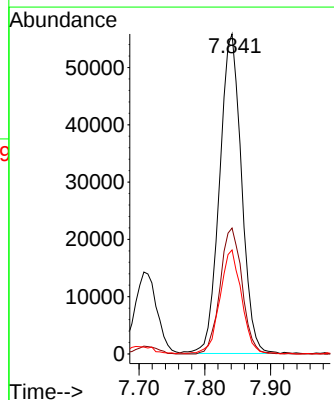
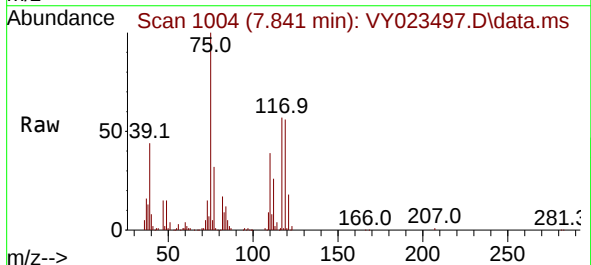
Instrument :
MSVOA_Y
ClientSampleId :

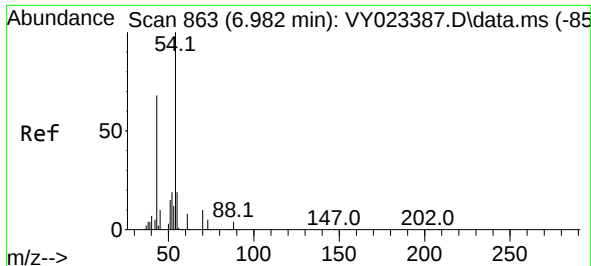
Tgt Ion:113 Resp: 229832
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 22.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.466 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 75 Resp: 129736
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.7
77 32.2 25.0 37.6





#37

Ethyl Acetate

Concen: 19.670 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

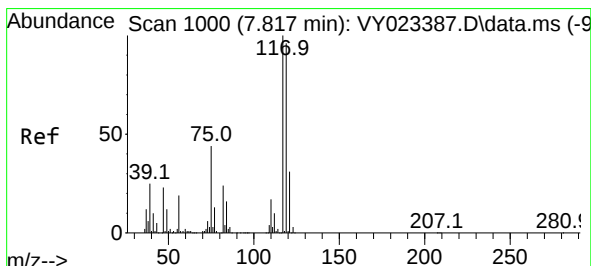
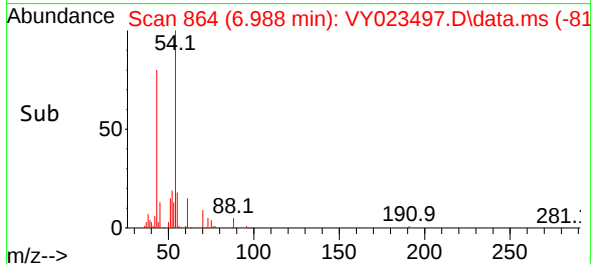
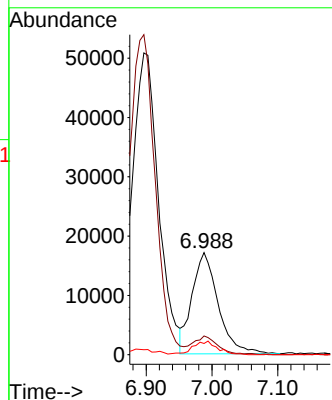
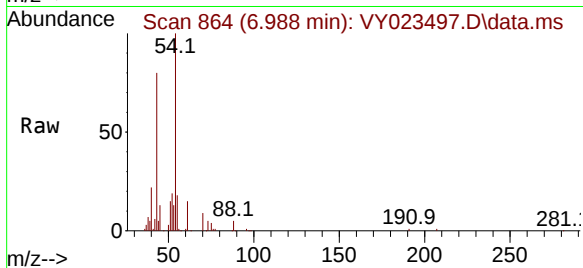
Tgt Ion: 43 Resp: 47097

Ion Ratio Lower Upper

43 100

61 17.7 11.8 17.8

70 12.4 10.5 15.7



#38

Carbon Tetrachloride

Concen: 22.530 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

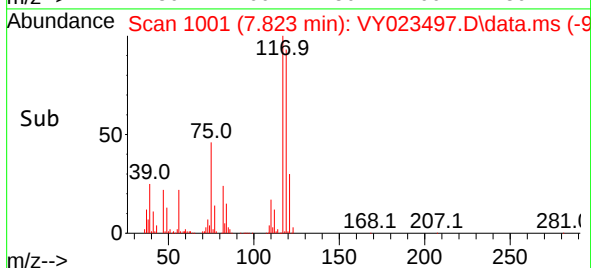
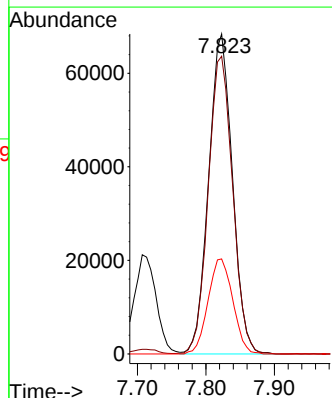
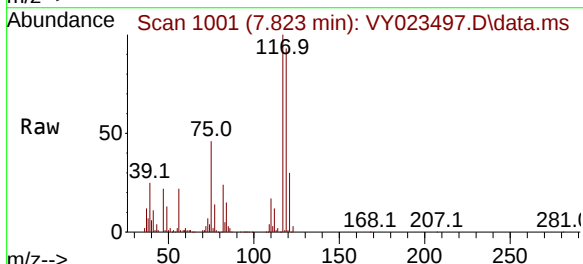
Tgt Ion: 117 Resp: 165108

Ion Ratio Lower Upper

117 100

119 93.0 76.8 115.2

121 29.7 24.5 36.7





#39

Methylcyclohexane

Concen: 20.389 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

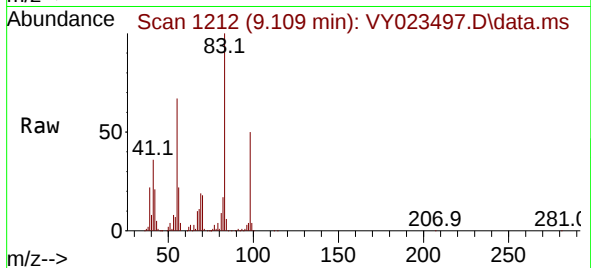
Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :



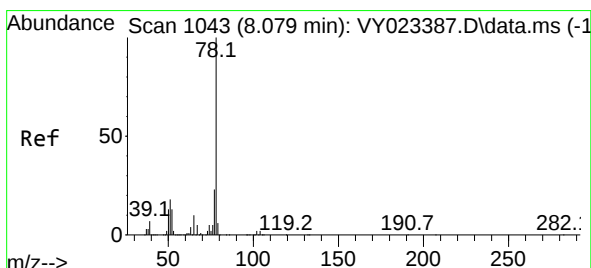
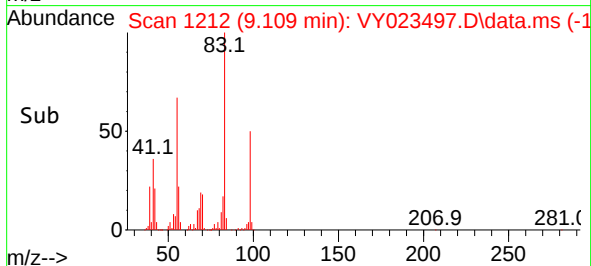
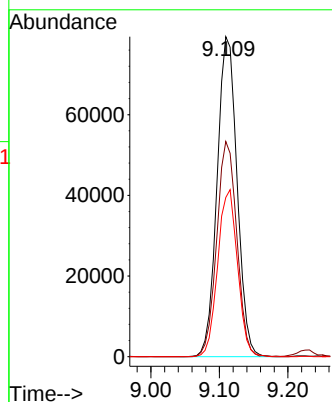
Tgt Ion: 83 Resp: 160443

Ion Ratio Lower Upper

83 100

55 67.3 51.4 77.2

98 49.7 40.4 60.6



#40

Benzene

Concen: 21.281 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023497.D

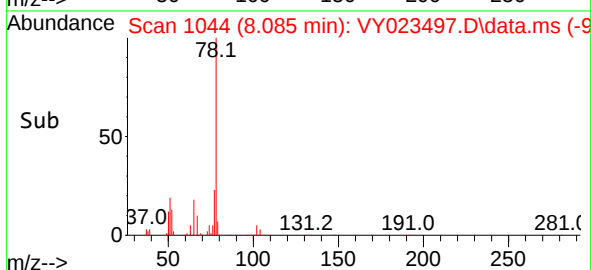
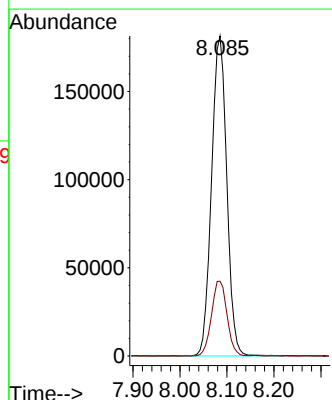
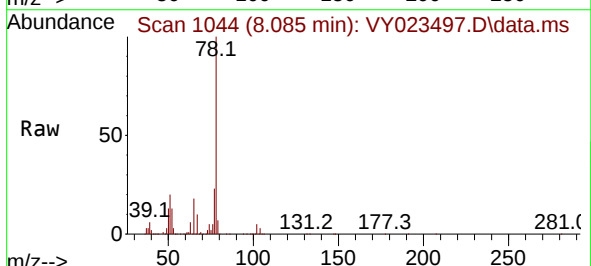
Acq: 20 Oct 2025 10:07

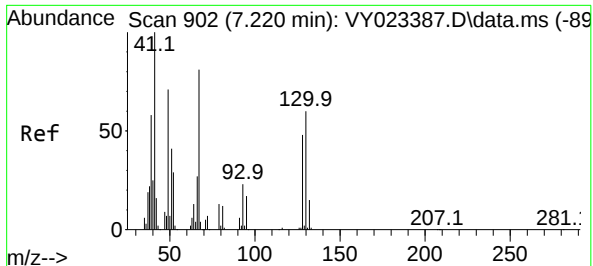
Tgt Ion: 78 Resp: 407322

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5

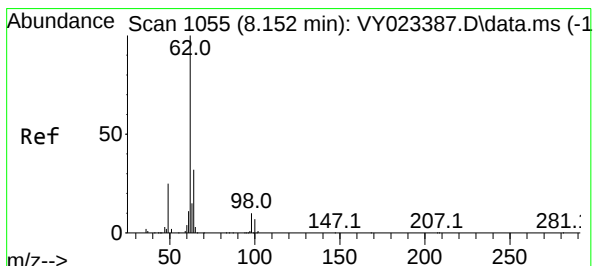
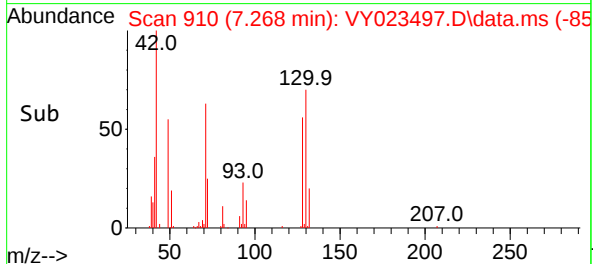
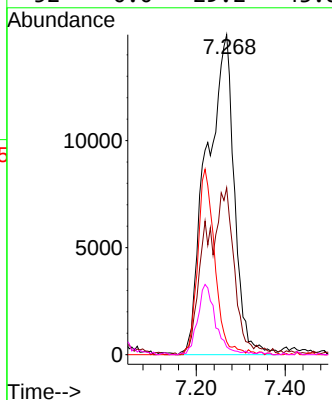
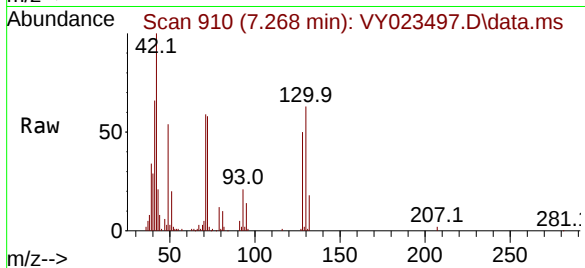




#41
Methacrylonitrile
Concen: 49.796 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.049 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

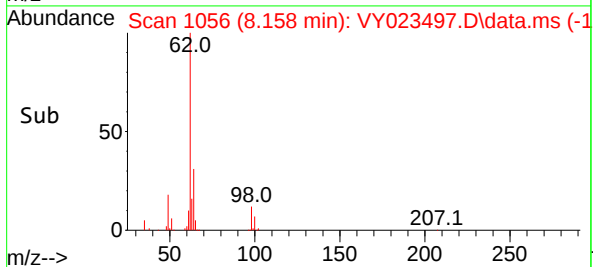
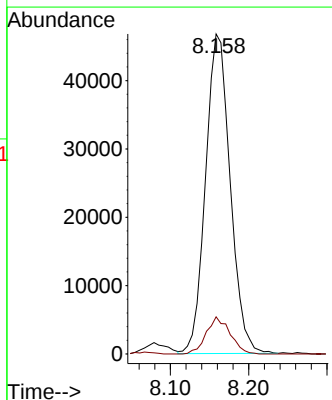
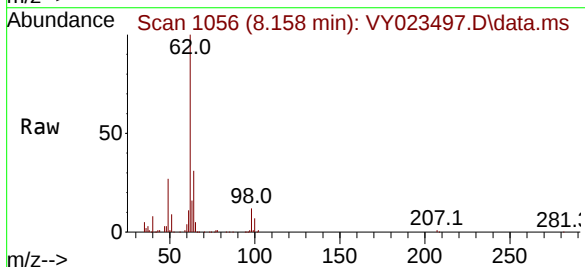
Instrument :
MSVOA_Y
ClientSampleId :

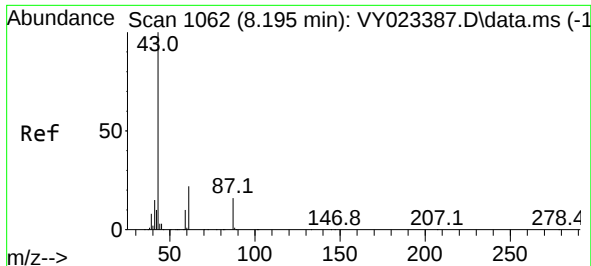
Tgt Ion: 41 Resp: 64483
Ion Ratio Lower Upper
41 100
39 32.1 52.2 78.4#
67 0.0 74.9 112.3#
52 0.0 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 20.715 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 62 Resp: 102253
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.6

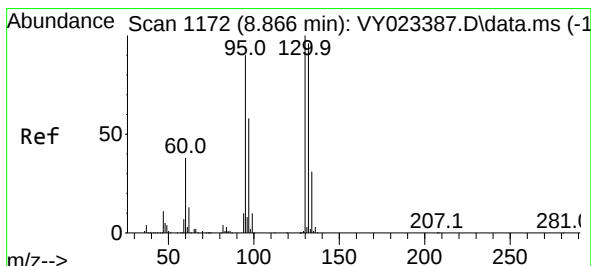
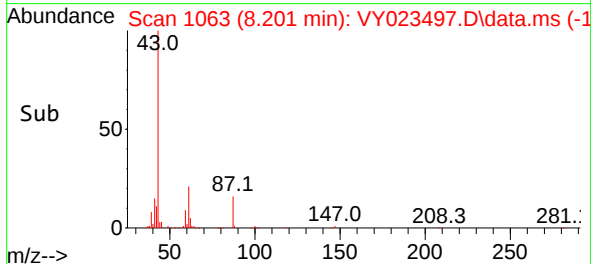
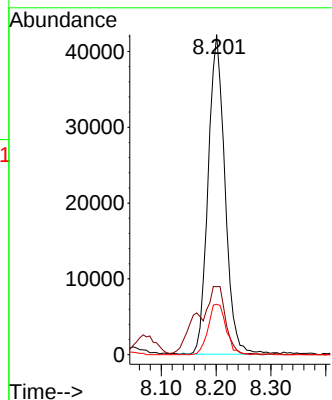
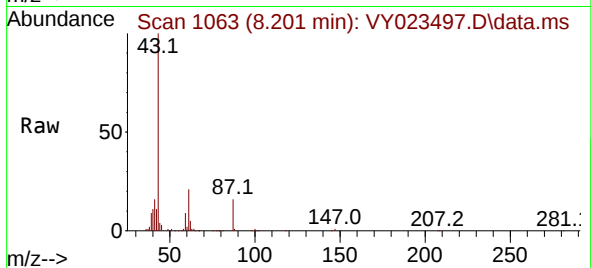




#43
Isopropyl Acetate
Concen: 18.794 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

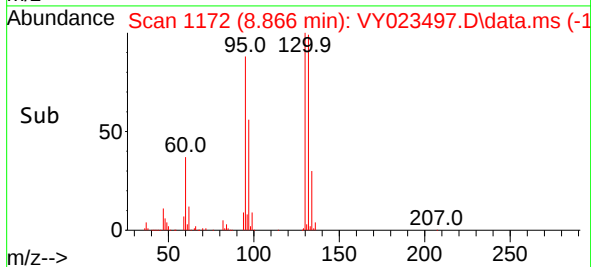
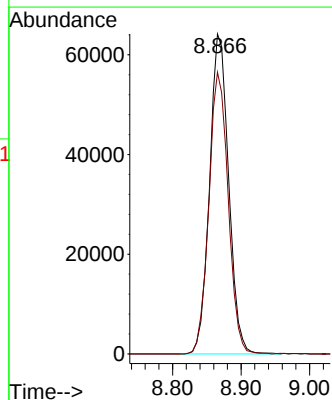
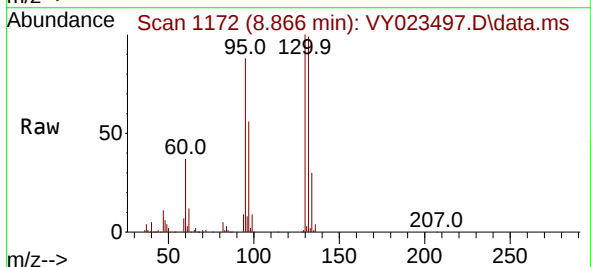
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 89728
Ion Ratio Lower Upper
43 100
61 21.8 18.1 27.1
87 16.8 13.5 20.3



#44
Trichloroethene
Concen: 22.163 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion:130 Resp: 124158
Ion Ratio Lower Upper
130 100
95 88.0 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.148 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

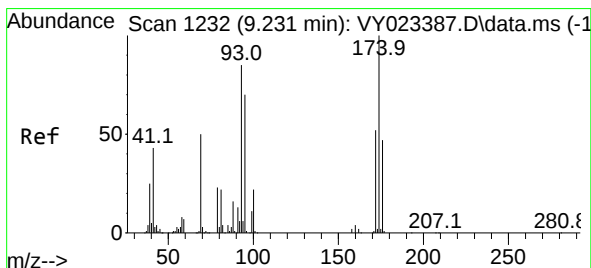
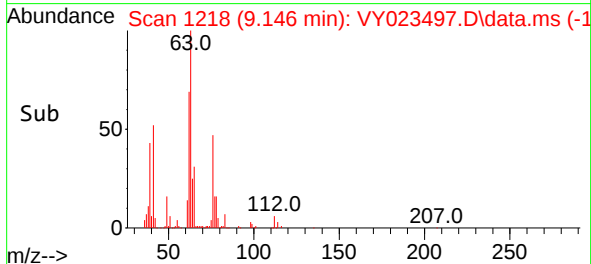
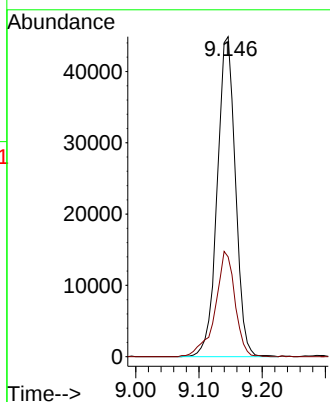
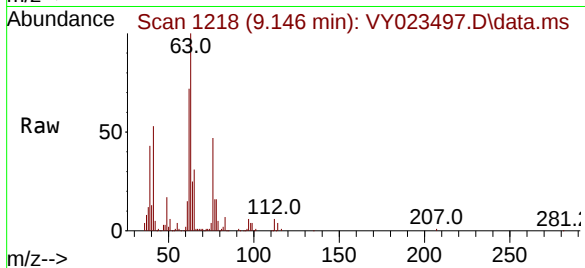
ClientSampleId :

Tgt Ion: 63 Resp: 89402

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



#46

Dibromomethane

Concen: 21.622 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

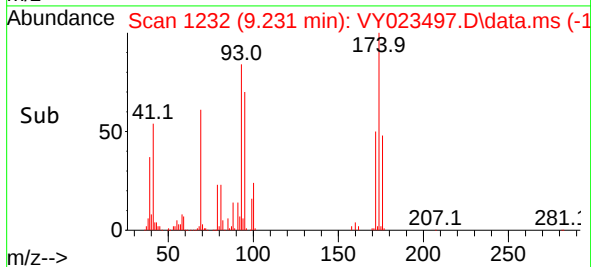
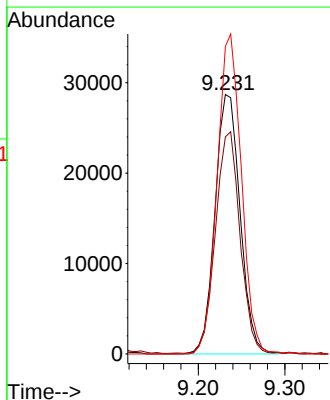
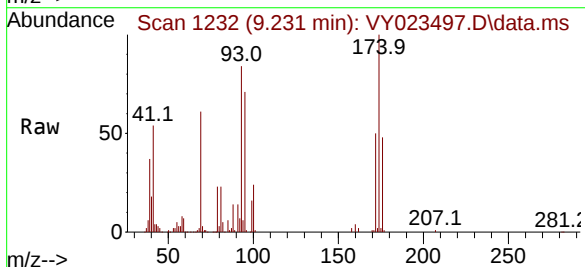
Tgt Ion: 93 Resp: 57801

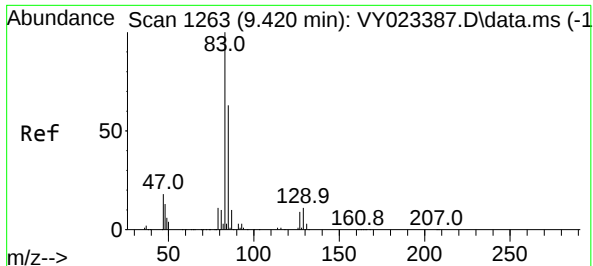
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.0

174 119.1 92.9 139.3





#47

Bromodichloromethane

Concen: 21.699 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

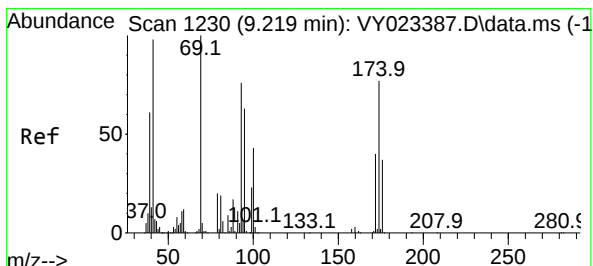
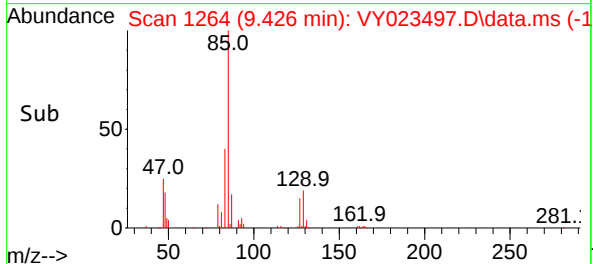
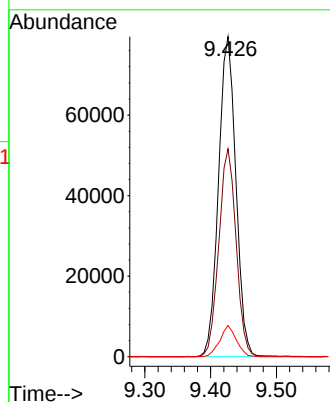
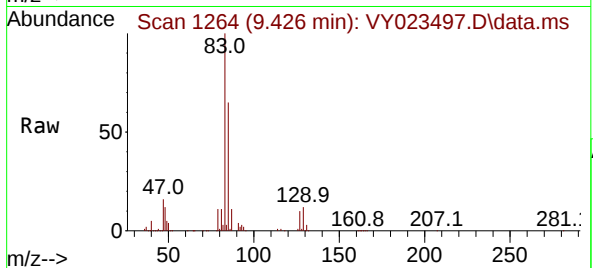
Tgt Ion: 83 Resp: 146088

Ion Ratio Lower Upper

83 100

85 64.9 50.8 76.2

127 9.8 7.4 11.2



#48

Methyl methacrylate

Concen: 17.919 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

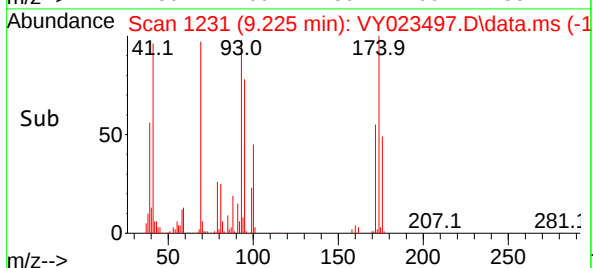
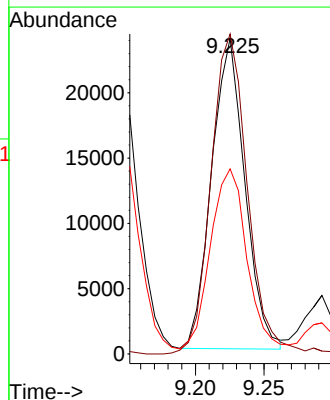
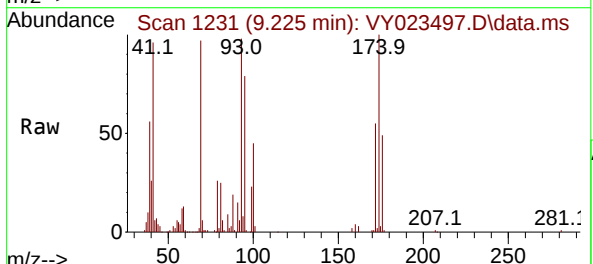
Tgt Ion: 41 Resp: 40192

Ion Ratio Lower Upper

41 100

69 113.5 81.0 121.4

39 63.8 48.2 72.4





#49

1,4-Dioxane

Concen: 374.851 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

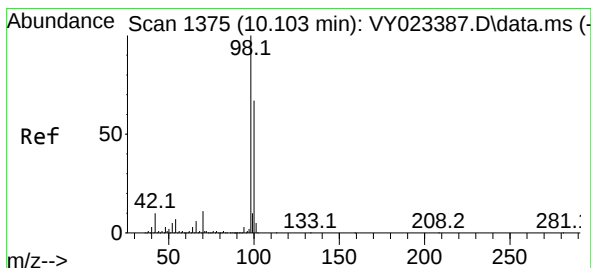
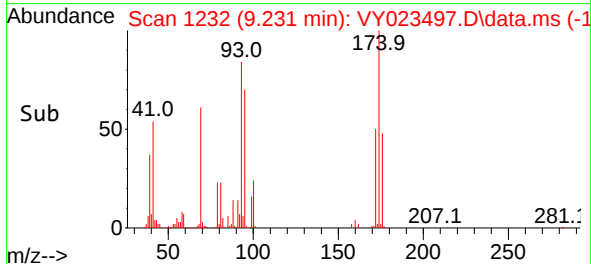
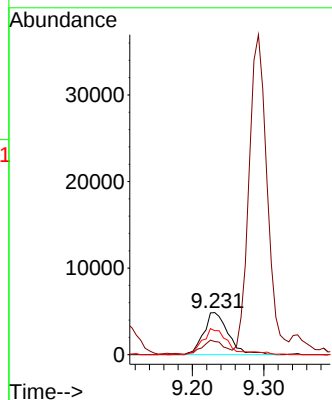
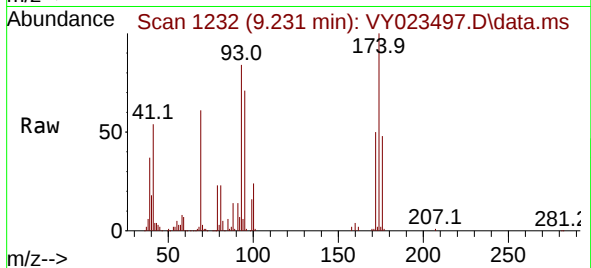
Tgt Ion: 88 Resp: 11618

Ion Ratio Lower Upper

88 100

43 29.3 21.8 32.8

58 65.3 46.8 70.2



#50

Toluene-d8

Concen: 50.206 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023497.D

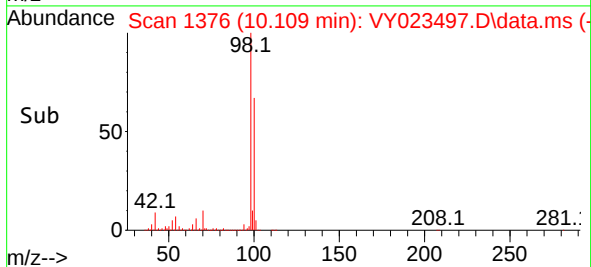
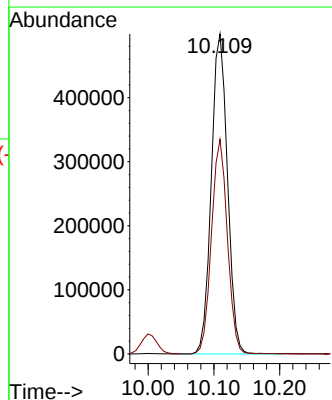
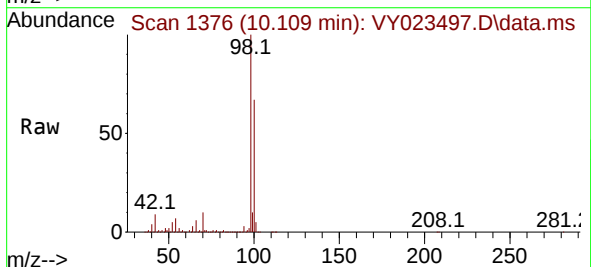
Acq: 20 Oct 2025 10:07

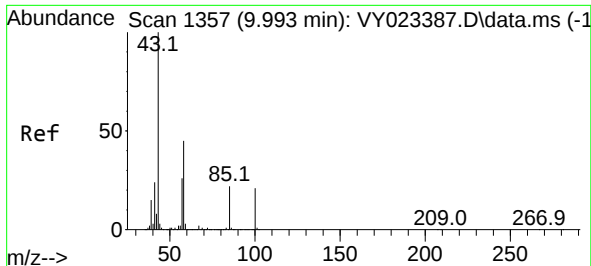
Tgt Ion: 98 Resp: 853532

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 97.770 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

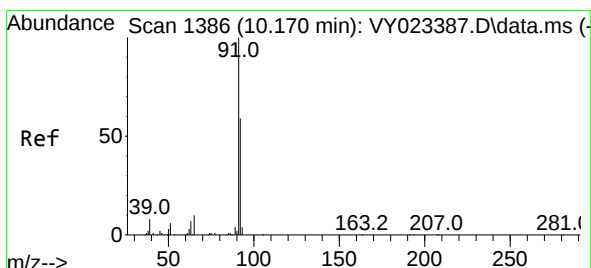
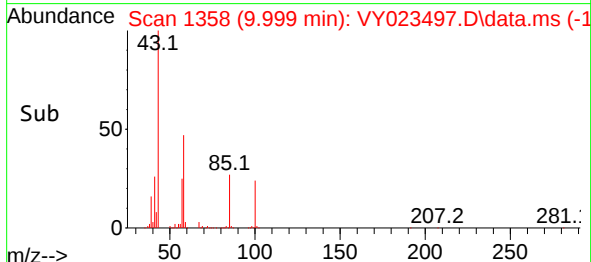
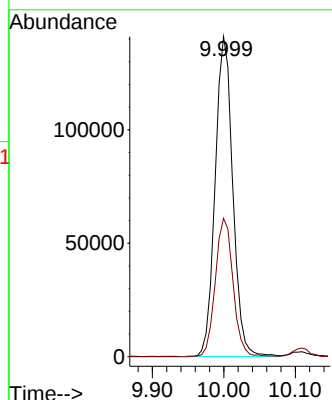
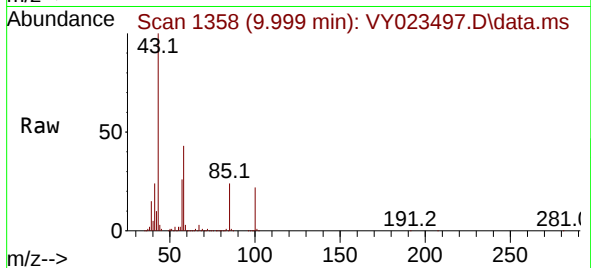
ClientSampleId :

Tgt Ion: 43 Resp: 241172

Ion Ratio Lower Upper

43 100

58 43.6 35.3 52.9



#52

Toluene

Concen: 21.667 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023497.D

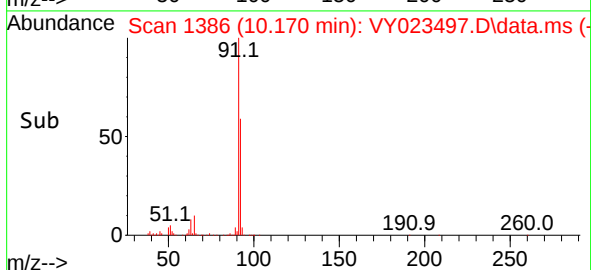
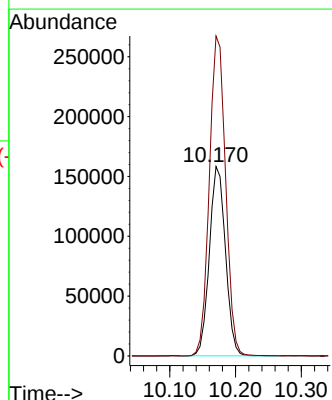
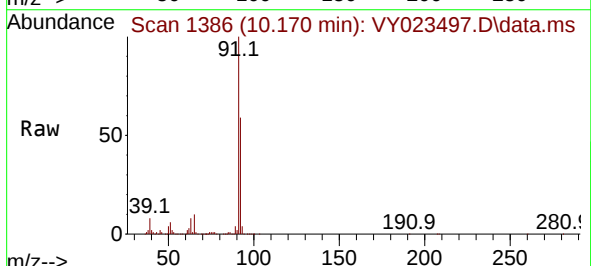
Acq: 20 Oct 2025 10:07

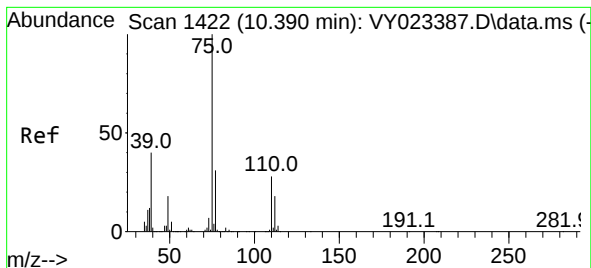
Tgt Ion: 92 Resp: 269261

Ion Ratio Lower Upper

92 100

91 171.2 136.4 204.6

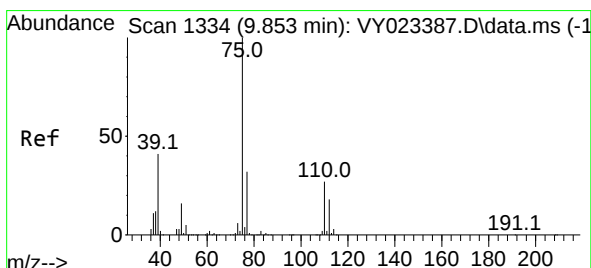
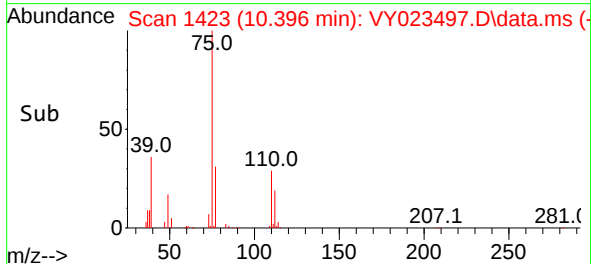
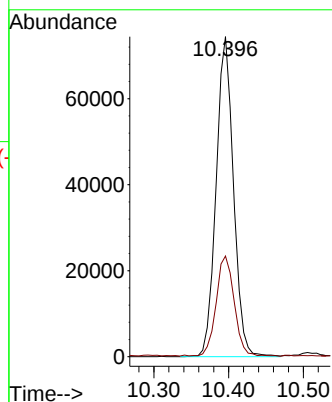
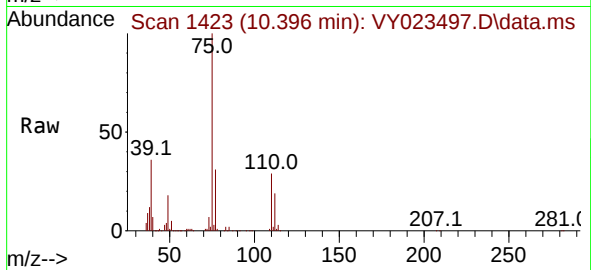




#53
t-1,3-Dichloropropene
Concen: 20.479 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

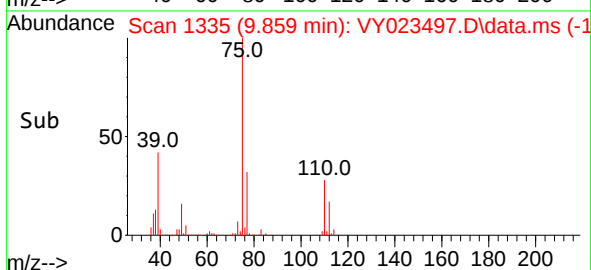
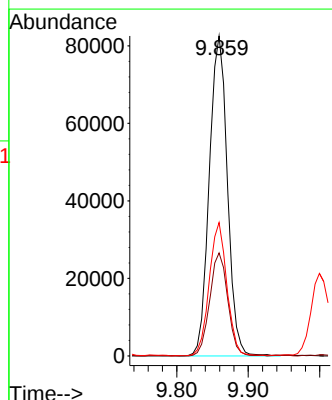
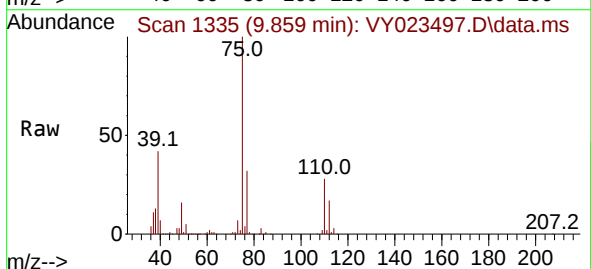
Instrument :
MSVOA_Y
ClientSampleId :

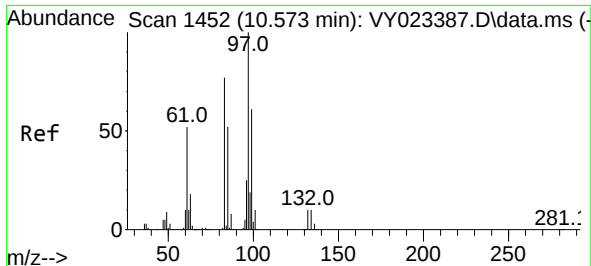
Tgt Ion: 75 Resp: 119883
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 21.011 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

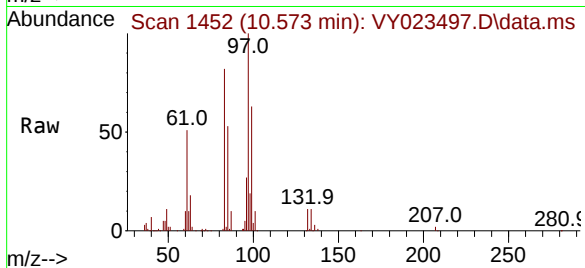
Tgt Ion: 75 Resp: 145166
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 41.6 32.8 49.2



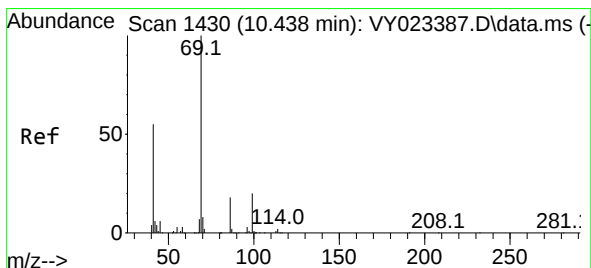
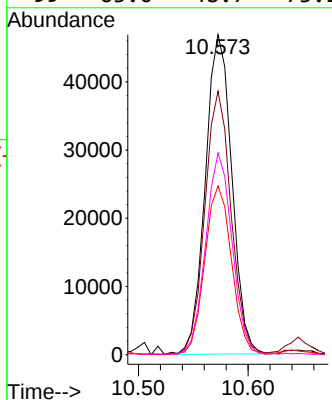
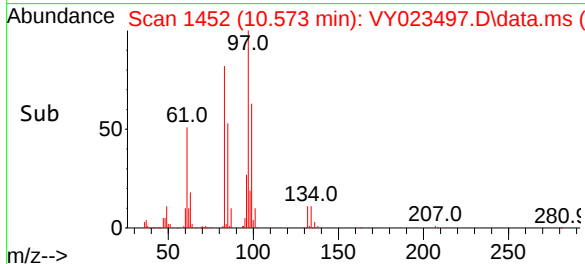


#55
1,1,2-Trichloroethane
Concen: 21.881 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

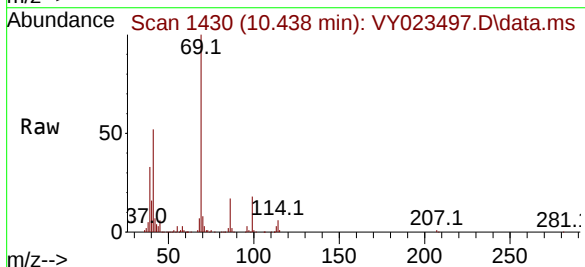
Instrument :
MSVOA_Y
ClientSampleId :



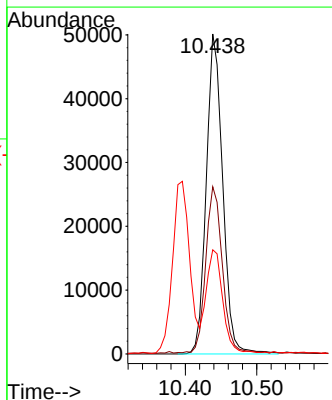
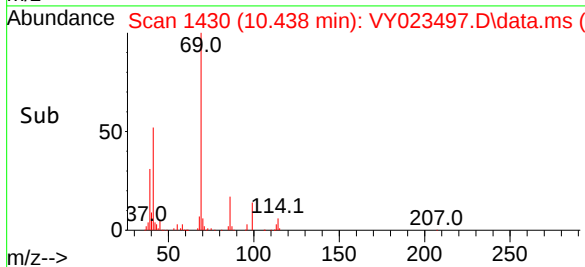
Tgt Ion: 97	Resp: 78656
Ion Ratio	Lower Upper
97 100	
83 82.4	61.8 92.6
85 52.4	41.3 61.9
99 63.0	48.7 73.1

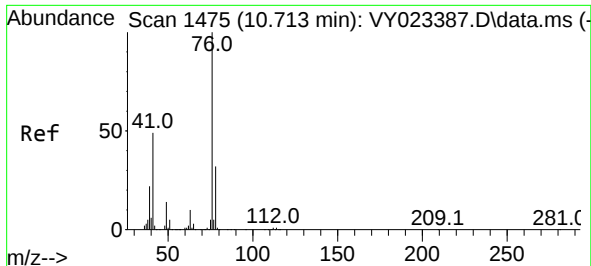


#56
Ethyl methacrylate
Concen: 19.290 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



Tgt Ion: 69	Resp: 79990
Ion Ratio	Lower Upper
69 100	
41 52.4	44.6 67.0
39 31.7	27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.246 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

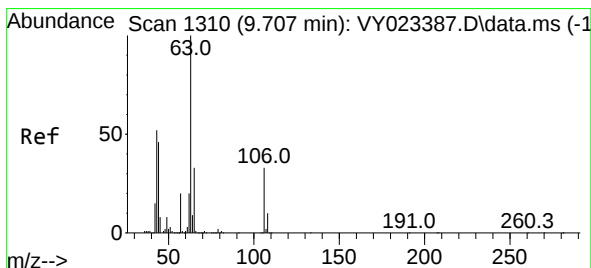
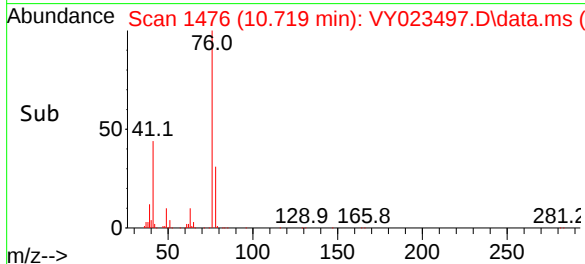
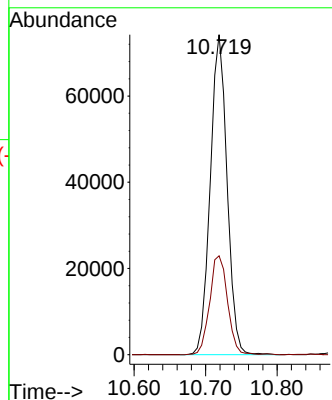
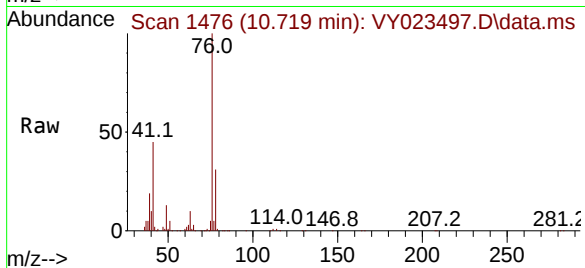
ClientSampleId :

Tgt Ion: 76 Resp: 121022

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 90.858 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023497.D

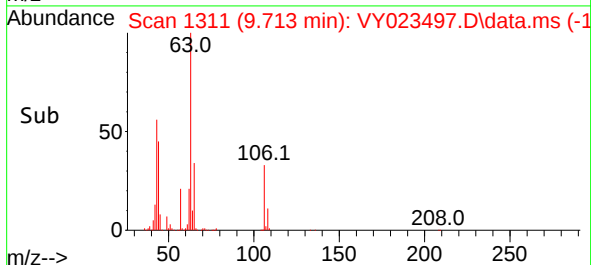
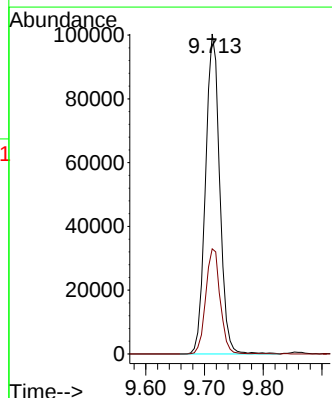
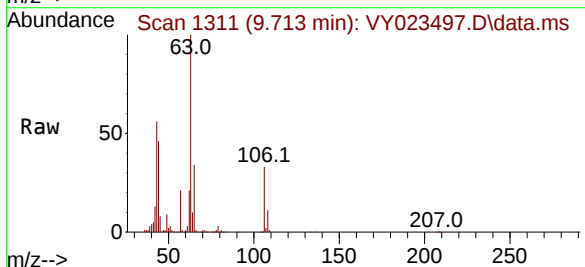
Acq: 20 Oct 2025 10:07

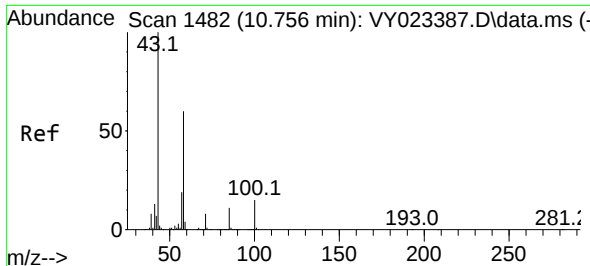
Tgt Ion: 63 Resp: 168775

Ion Ratio Lower Upper

63 100

106 33.2 26.6 39.8

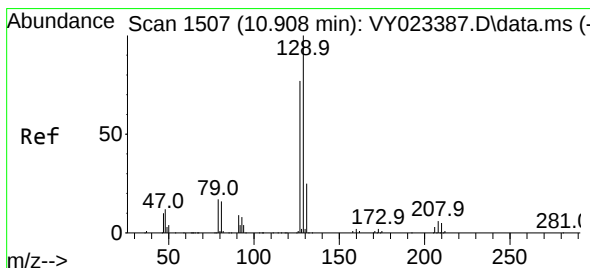
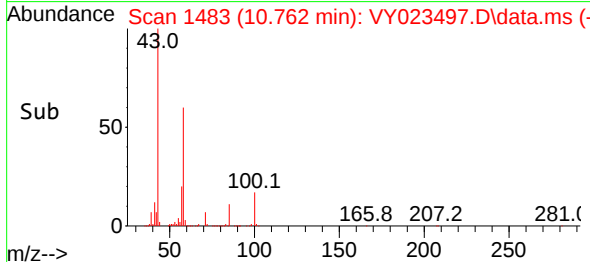
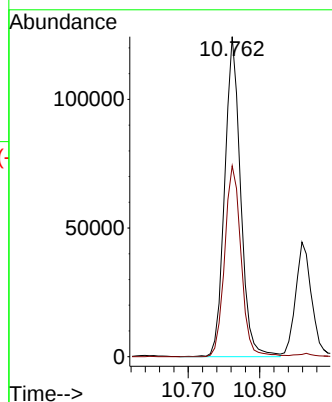
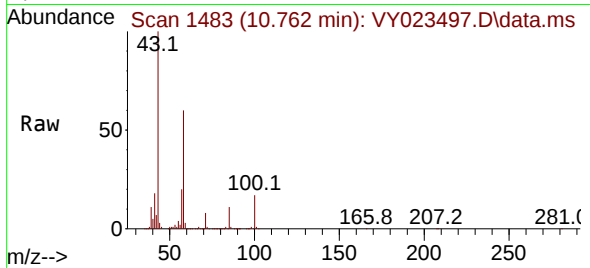




#59
2-Hexanone
Concen: 109.161 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

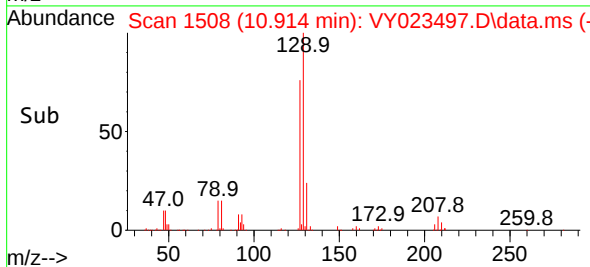
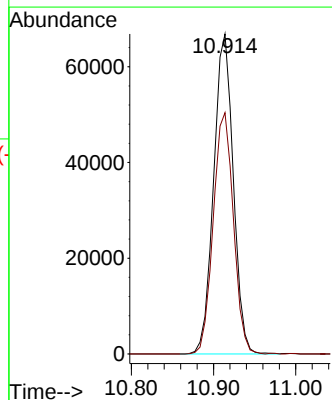
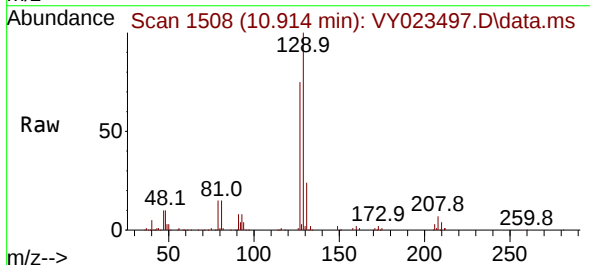
Instrument :
MSVOA_Y
ClientSampleId :

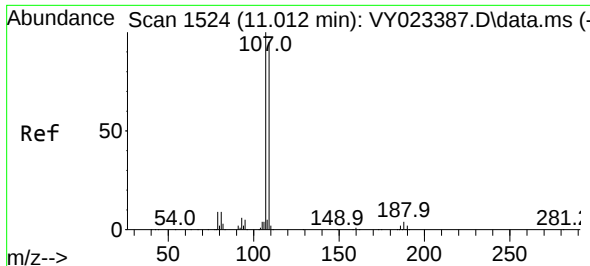
Tgt Ion: 43 Resp: 192433
Ion Ratio Lower Upper
43 100
58 61.4 30.5 91.5



#60
Dibromochloromethane
Concen: 21.984 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion:129 Resp: 110798
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7

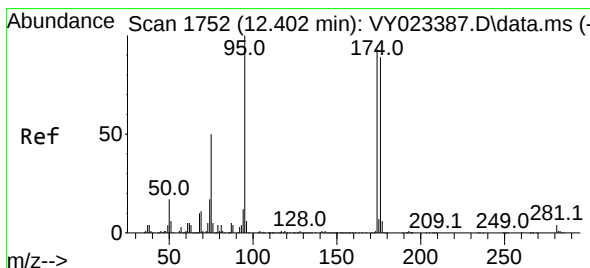
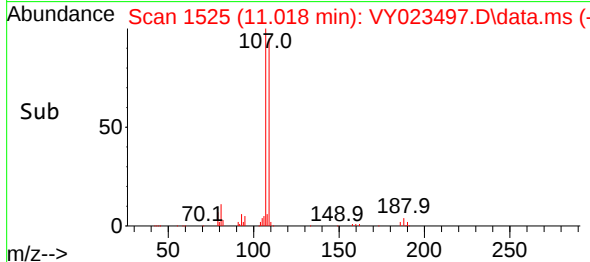
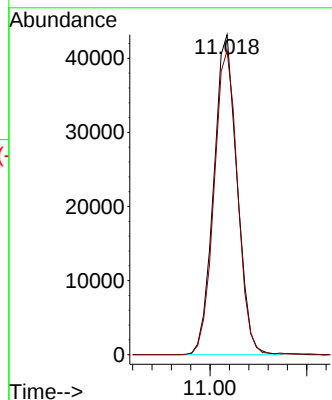
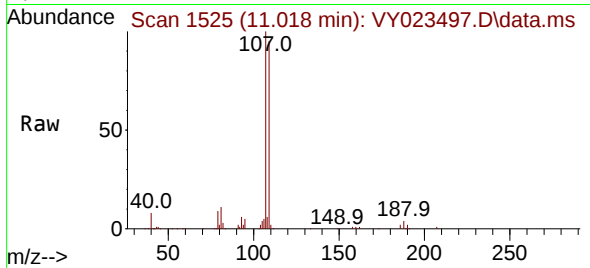




#61
1,2-Dibromoethane
Concen: 21.075 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

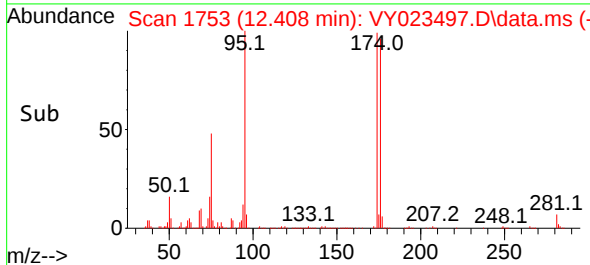
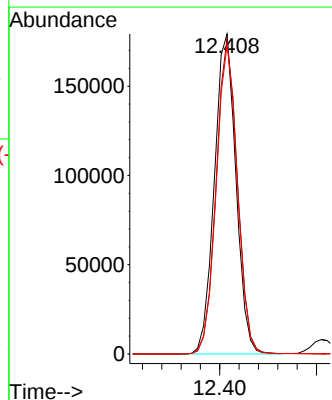
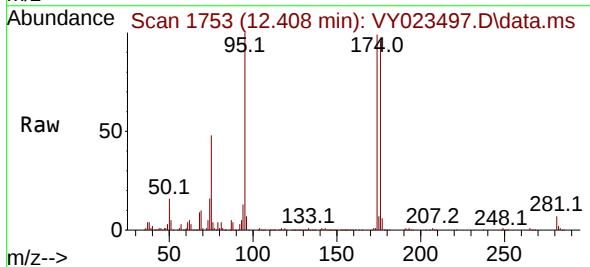
Instrument :
MSVOA_Y
ClientSampleId :

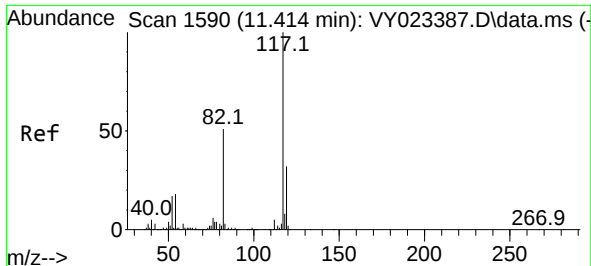
Tgt Ion:107 Resp: 72250
Ion Ratio Lower Upper
107 100
109 95.9 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.372 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 95 Resp: 277115
Ion Ratio Lower Upper
95 100
174 96.8 0.0 192.8
176 94.8 0.0 187.6

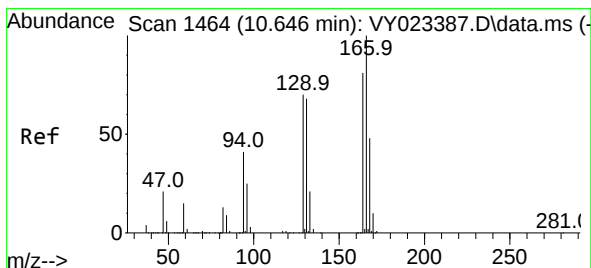
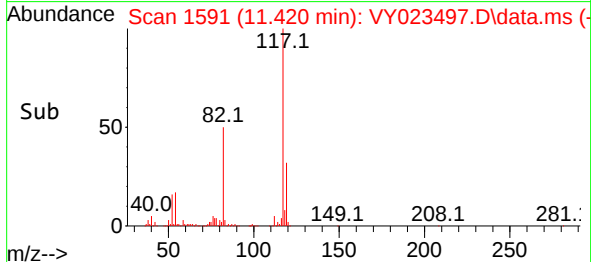
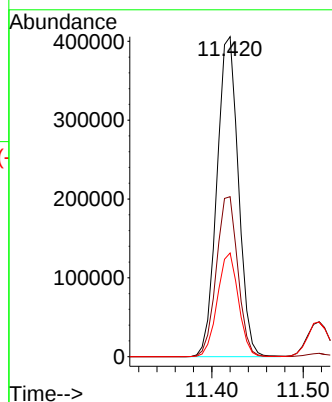
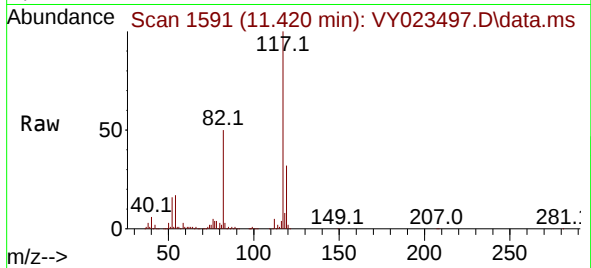




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

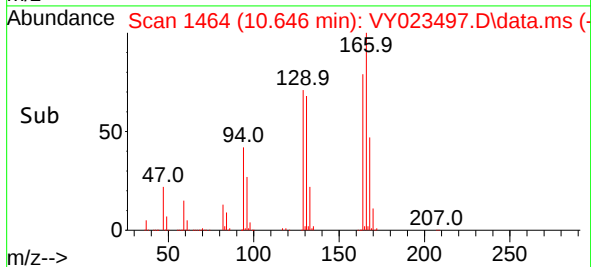
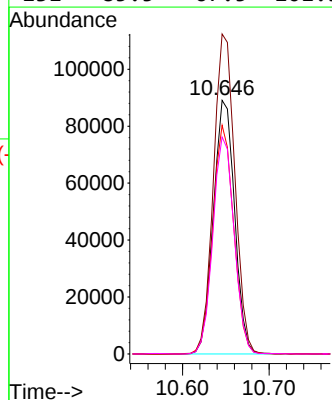
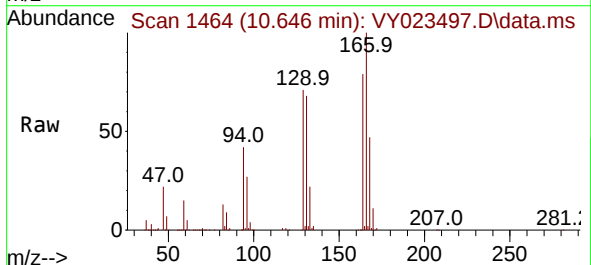
Instrument :
MSVOA_Y
ClientSampleId :

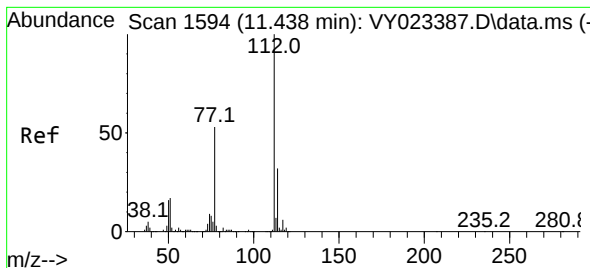
Tgt Ion:117 Resp: 663321
Ion Ratio Lower Upper
117 100
82 50.0 41.0 61.4
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 22.173 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion:164 Resp: 151867
Ion Ratio Lower Upper
164 100
166 126.2 99.4 149.0
129 90.2 69.4 104.2
131 85.5 67.5 101.3





#65

Chlorobenzene

Concen: 20.967 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

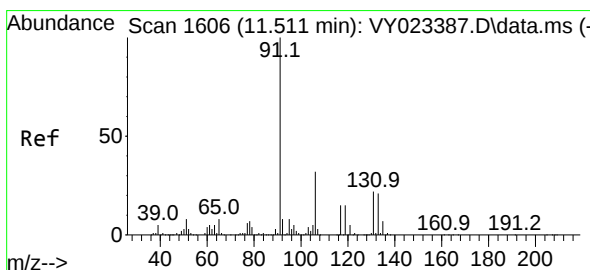
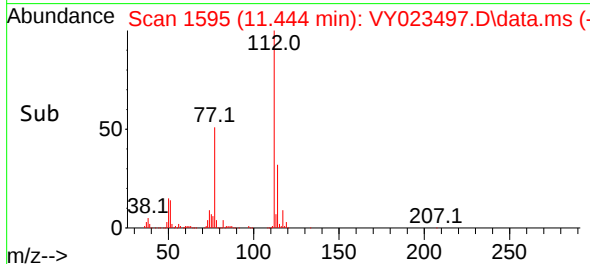
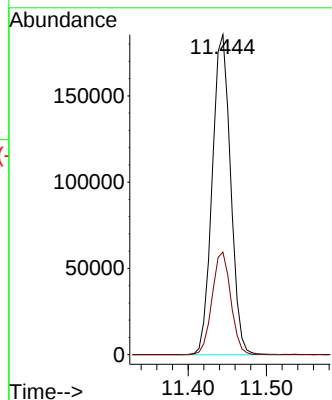
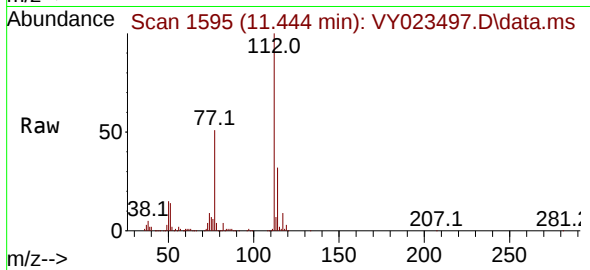
ClientSampleId :

Tgt Ion:112 Resp: 302485

Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.431 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

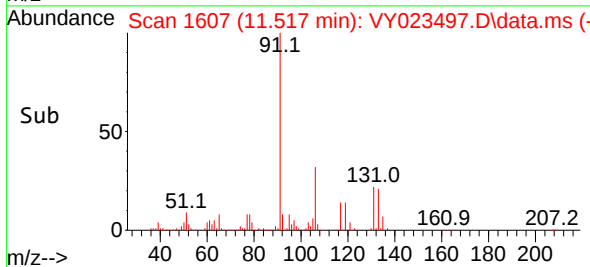
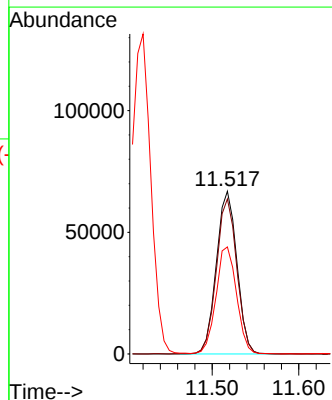
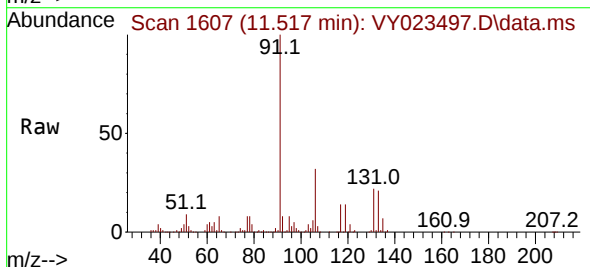
Tgt Ion:131 Resp: 110179

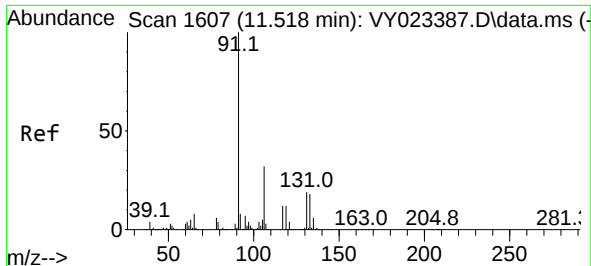
Ion Ratio Lower Upper

131 100

133 95.0 48.4 145.2

119 66.0 32.4 97.2





#67

Ethyl Benzene

Concen: 20.403 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

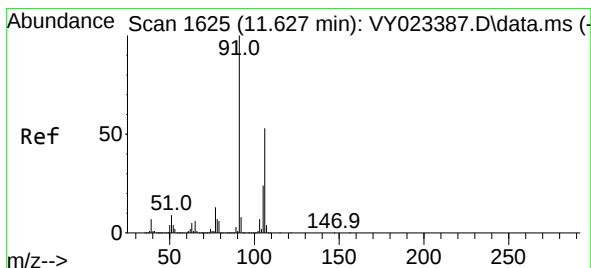
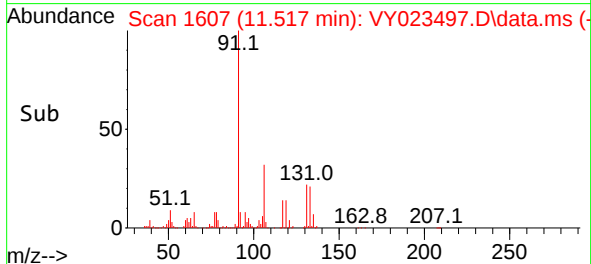
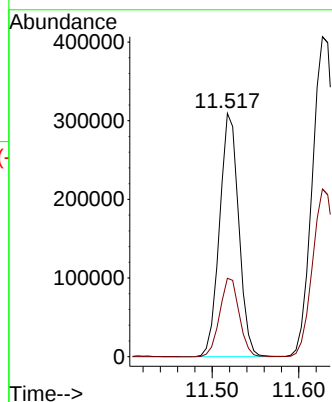
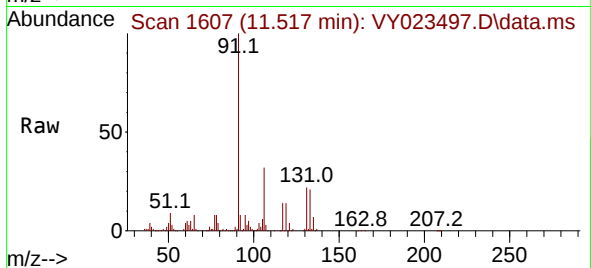
ClientSampleId :

Tgt Ion: 91 Resp: 476476

Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.8



#68

m/p-Xylenes

Concen: 42.153 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023497.D

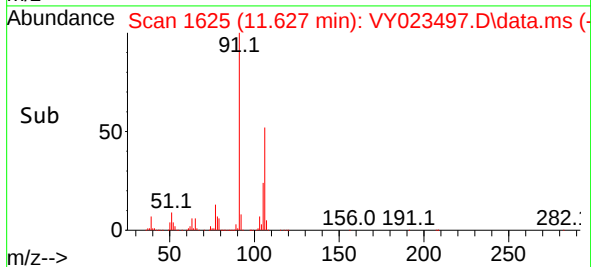
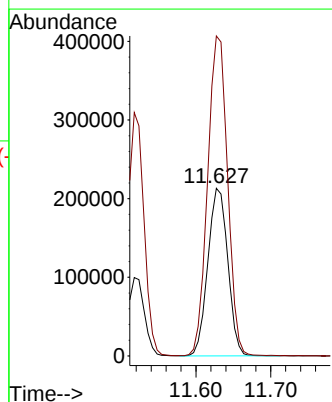
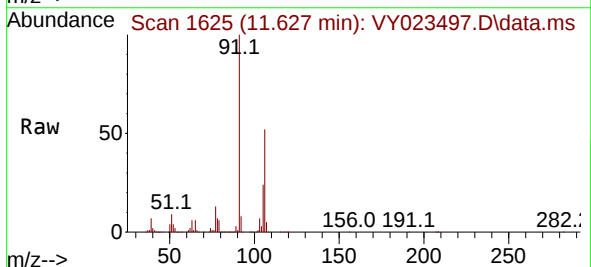
Acq: 20 Oct 2025 10:07

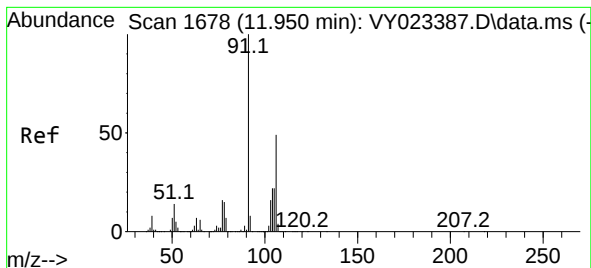
Tgt Ion:106 Resp: 394831

Ion Ratio Lower Upper

106 100

91 191.0 152.6 229.0





#69

o-Xylene

Concen: 20.491 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

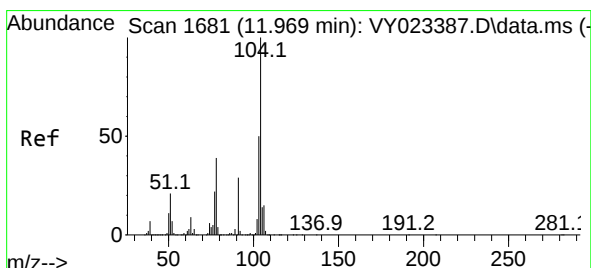
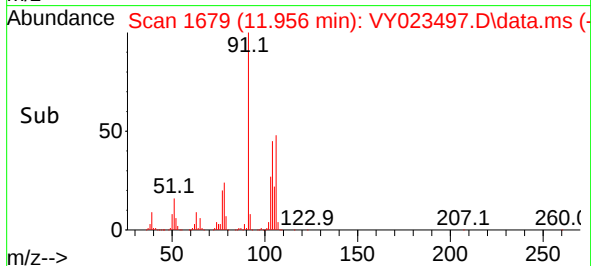
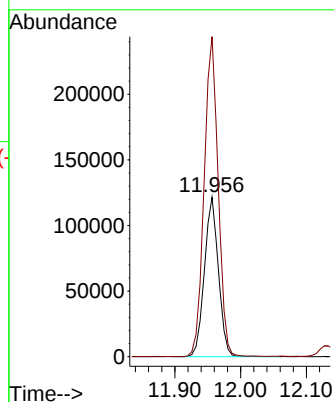
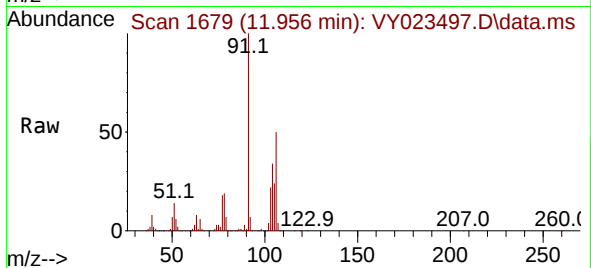
ClientSampleId :

Tgt Ion:106 Resp: 180028

Ion Ratio Lower Upper

106 100

91 200.7 101.4 304.1



#70

Styrene

Concen: 21.154 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

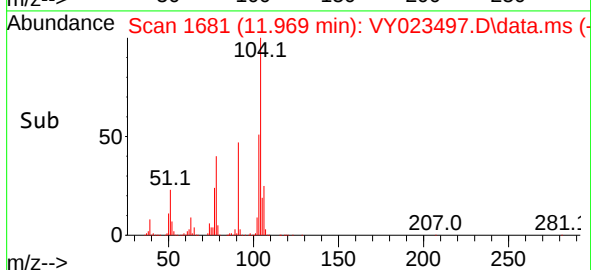
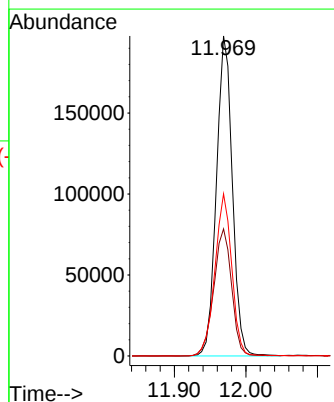
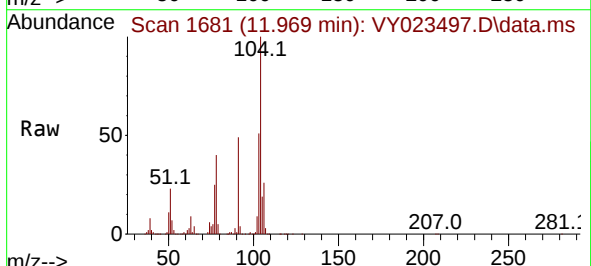
Tgt Ion:104 Resp: 305623

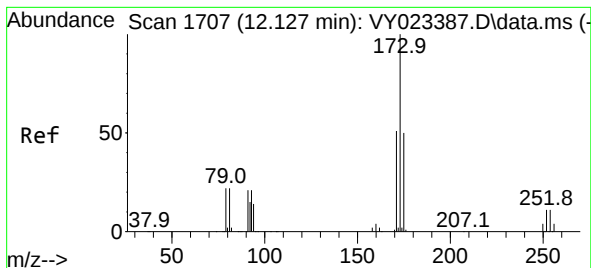
Ion Ratio Lower Upper

104 100

78 44.6 36.1 54.1

103 53.7 43.2 64.8





#71

Bromoform

Concen: 21.894 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

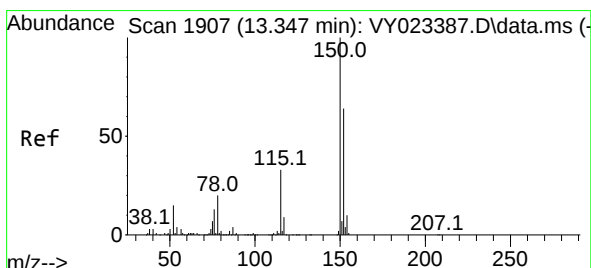
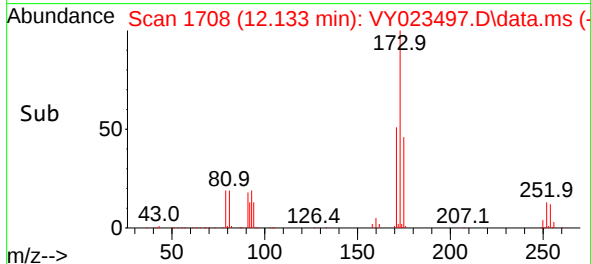
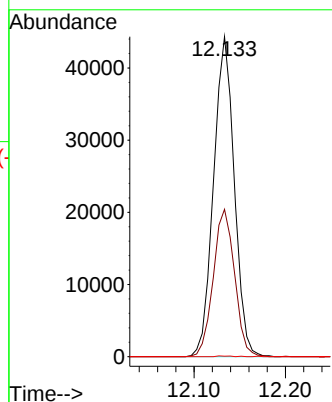
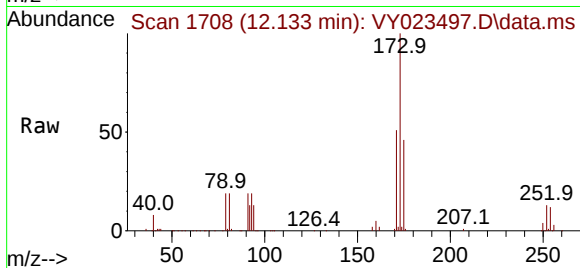
Tgt Ion:173 Resp: 69820

Ion Ratio Lower Upper

173 100

175 47.4 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

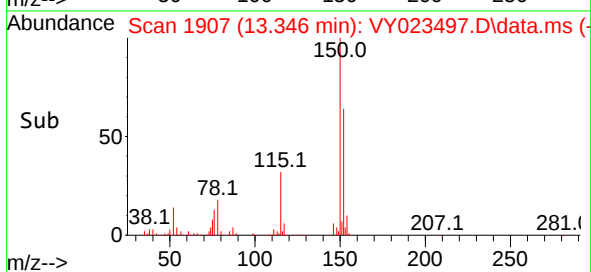
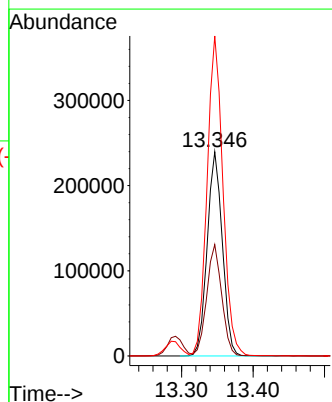
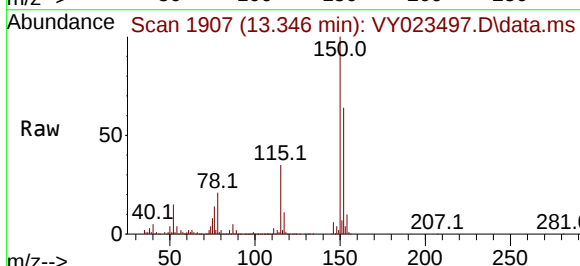
Tgt Ion:152 Resp: 353337

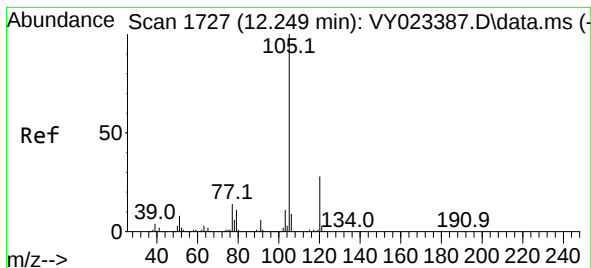
Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.2

150 163.5 0.0 347.4





#73

Isopropylbenzene

Concen: 20.255 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

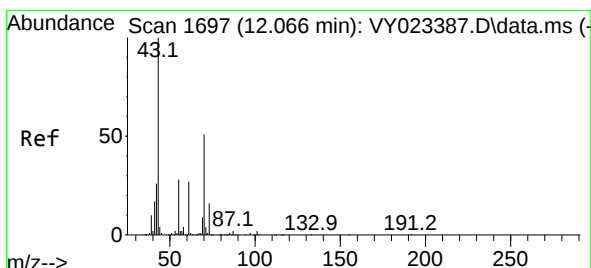
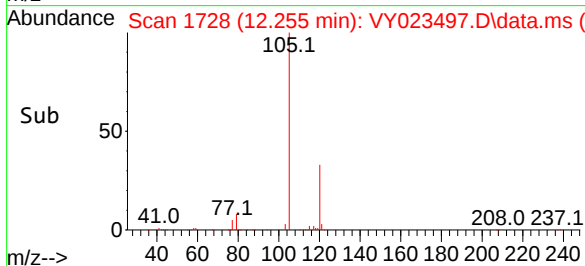
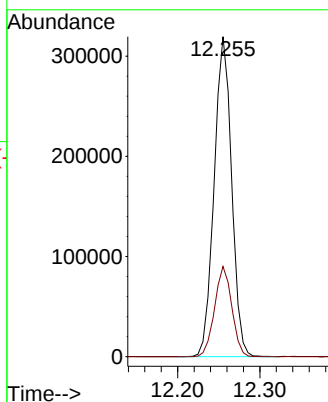
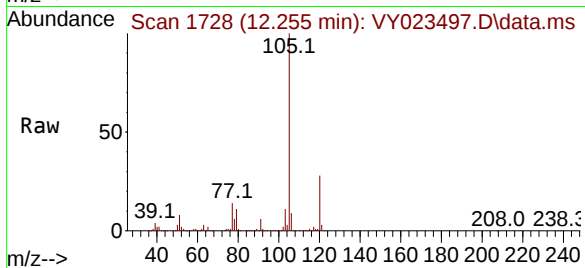
ClientSampleId :

Tgt Ion:105 Resp: 471638

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.7



#74

N-ethyl acetate

Concen: 17.626 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion: 43 Resp: 73717

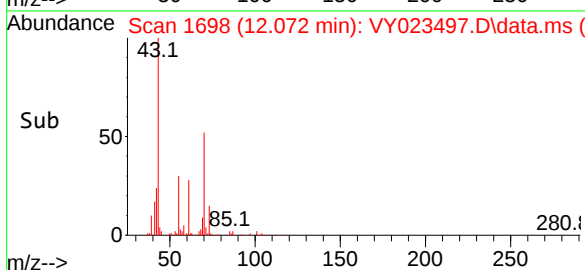
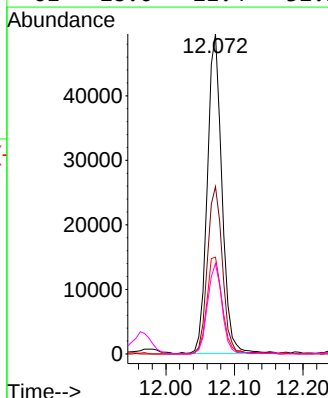
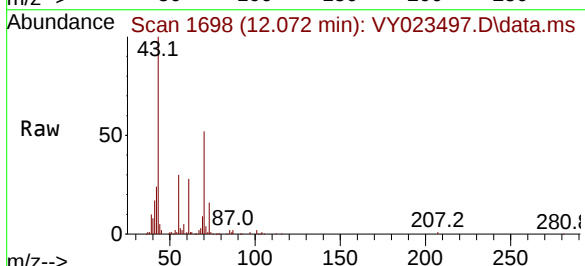
Ion Ratio Lower Upper

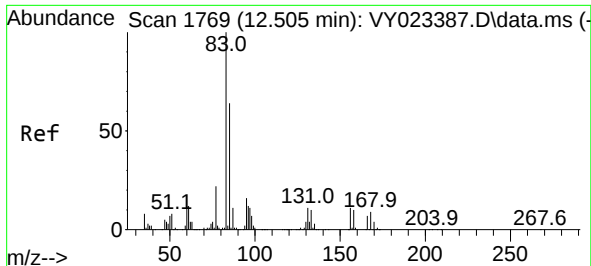
43 100

70 53.3 41.1 61.7

55 32.0 23.0 34.6

61 28.0 21.4 32.2

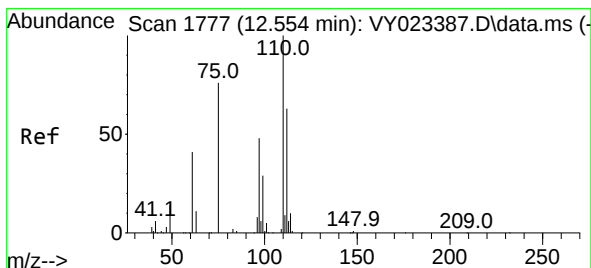
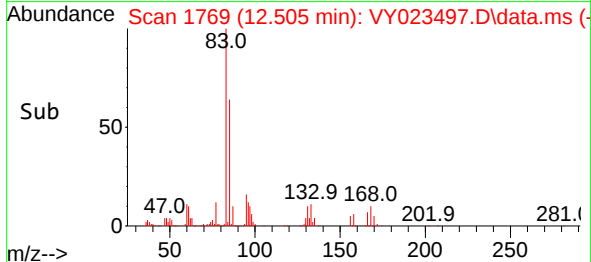
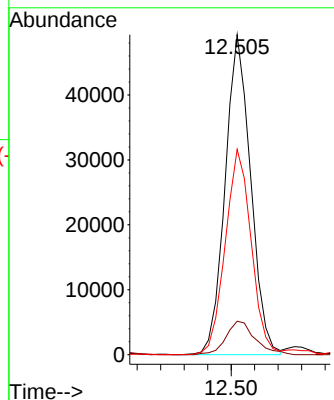
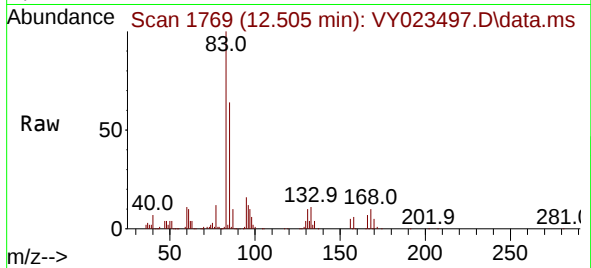




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.525 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

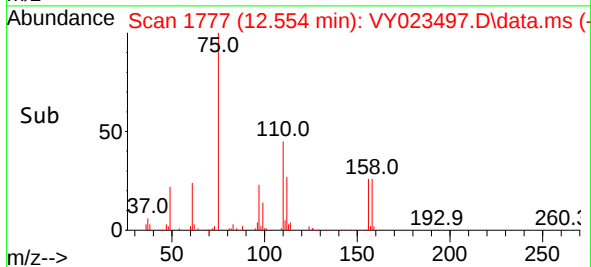
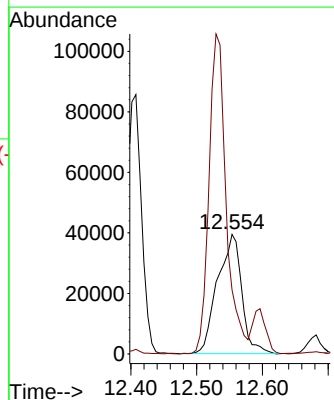
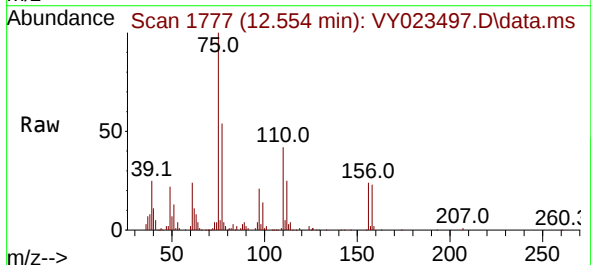
Instrument :
 MSVOA_Y
 ClientSampleId :

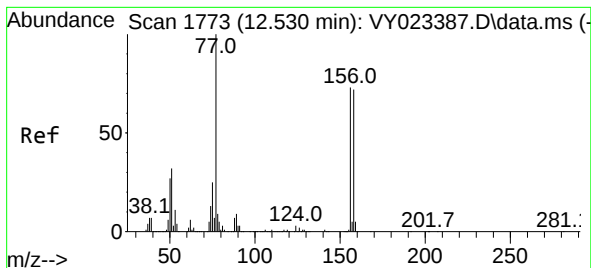
Tgt Ion: 83 Resp: 74362
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.9 17.6
 85 65.5 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 32.414 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

Tgt Ion: 75 Resp: 101046
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.478 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

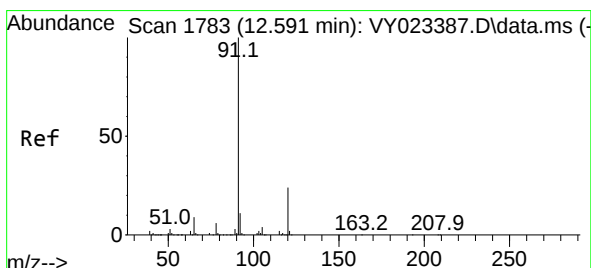
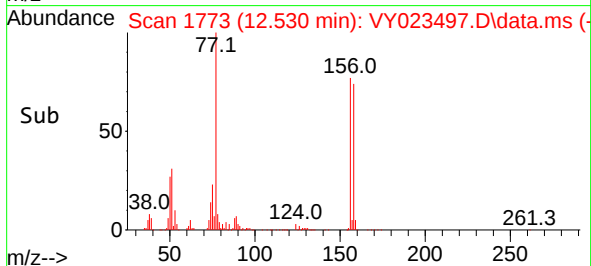
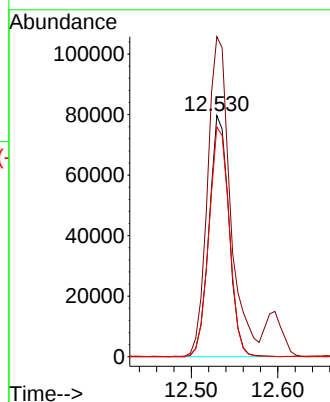
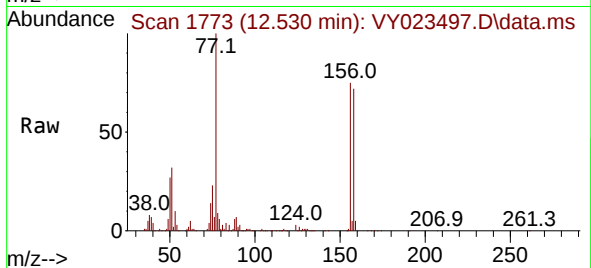
Tgt Ion:156 Resp: 126770

Ion Ratio Lower Upper

156 100

77 152.4 76.8 230.5

158 97.8 49.0 147.2



#78

n-propylbenzene

Concen: 20.946 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023497.D

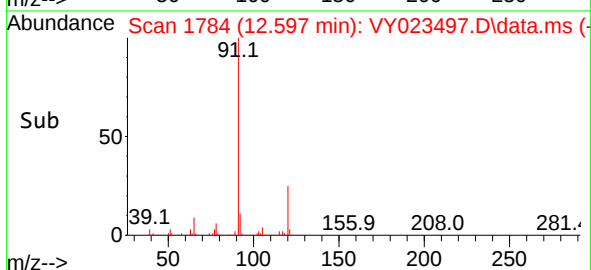
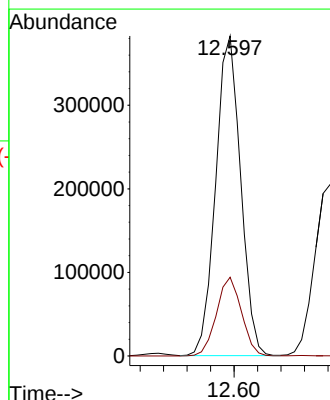
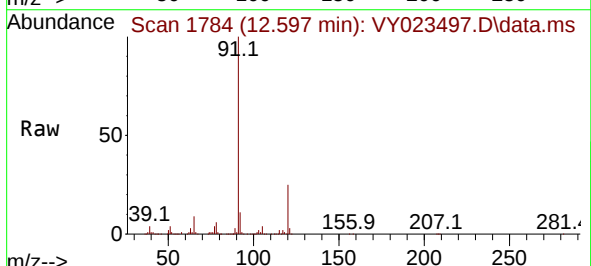
Acq: 20 Oct 2025 10:07

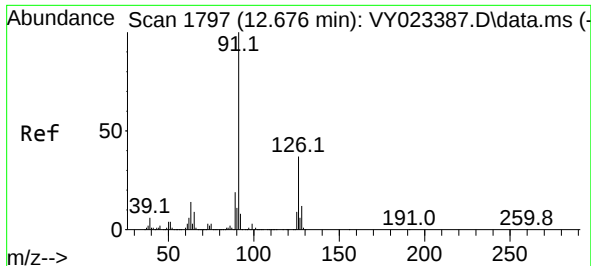
Tgt Ion: 91 Resp: 564399

Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.8

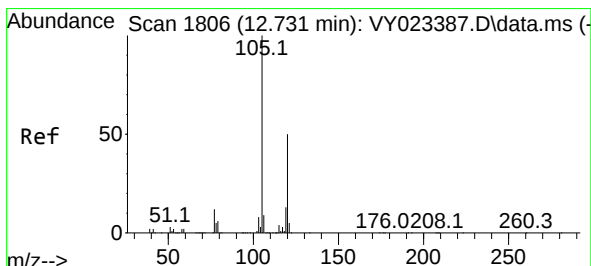
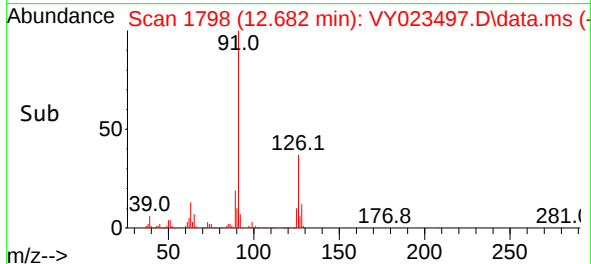
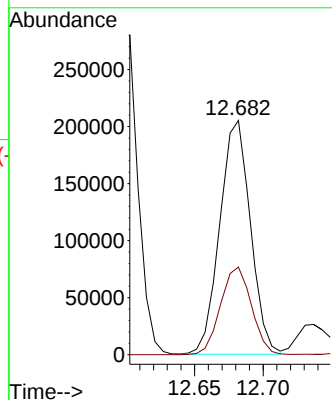
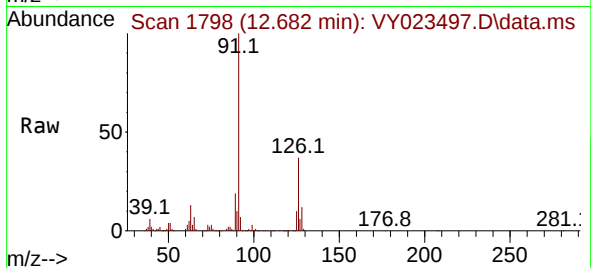




#79
2-Chlorotoluene
Concen: 20.266 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

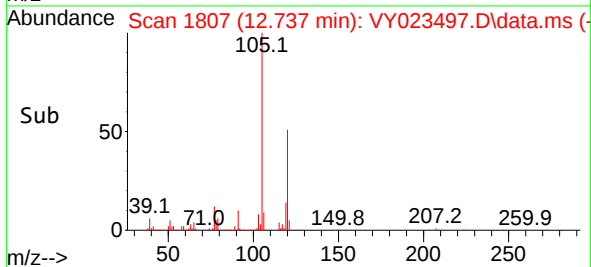
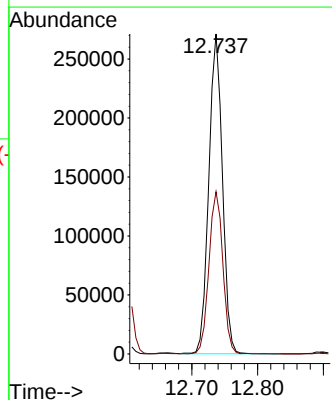
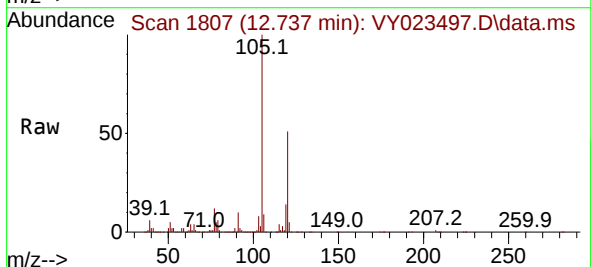
Instrument :
MSVOA_Y
ClientSampleId :

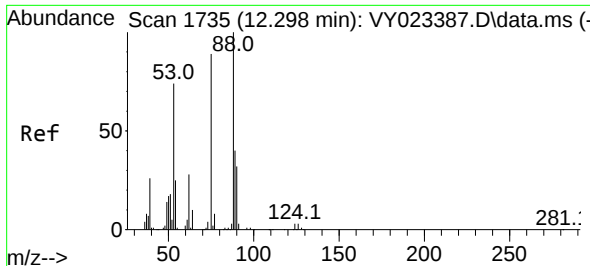
Tgt Ion: 91 Resp: 319779
Ion Ratio Lower Upper
91 100
126 37.8 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 20.721 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 105 Resp: 389889
Ion Ratio Lower Upper
105 100
120 51.8 25.4 76.4

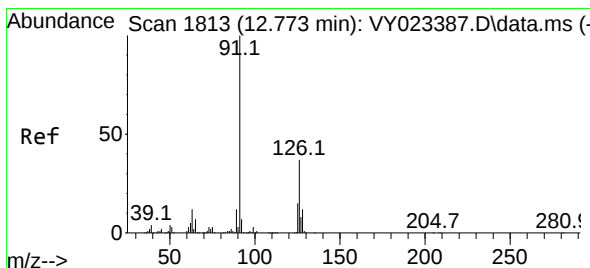
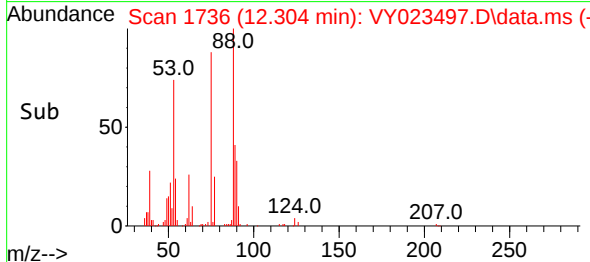
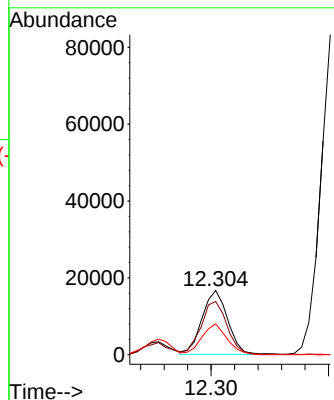
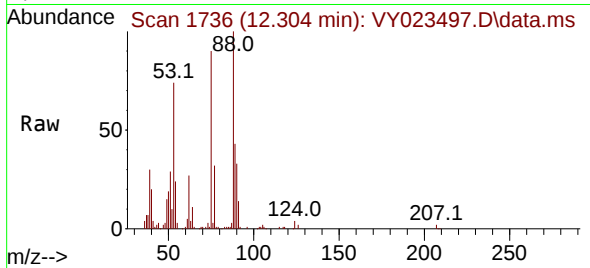




#81
trans-1,4-Dichloro-2-butene
Concen: 19.748 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

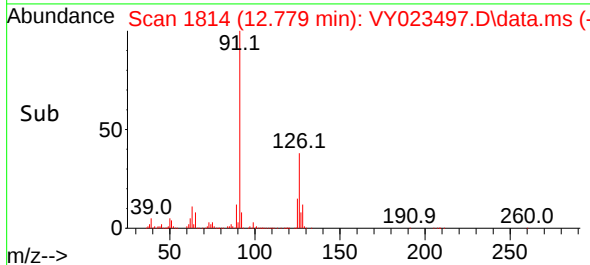
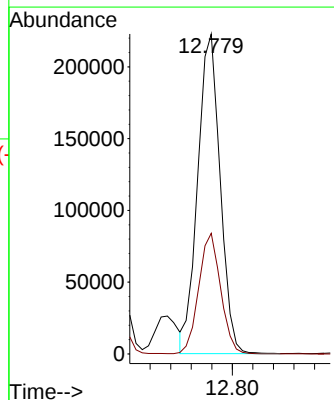
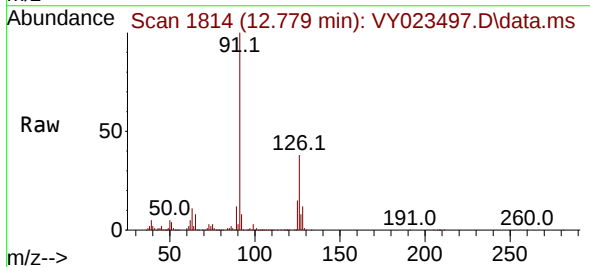
Instrument :
MSVOA_Y
ClientSampleId :

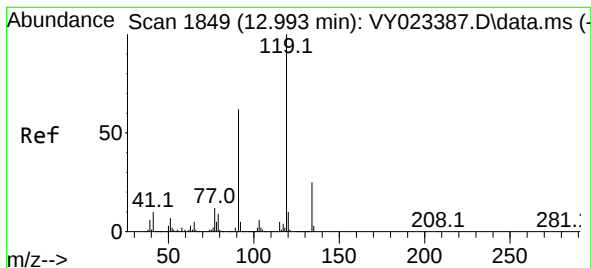
Tgt Ion: 75 Resp: 25105
Ion Ratio Lower Upper
75 100
53 84.8 68.6 102.8
89 47.5 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.763 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 91 Resp: 337426
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.4





#83

tert-Butylbenzene

Concen: 20.235 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

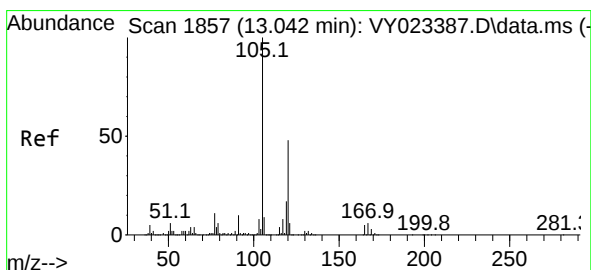
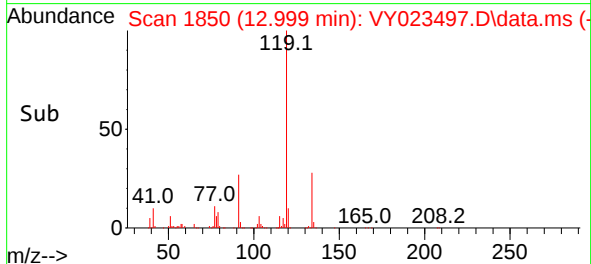
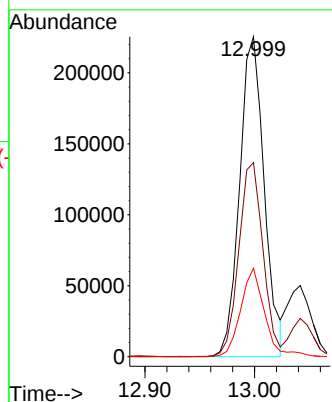
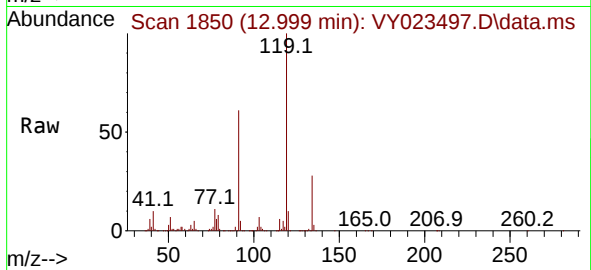
Tgt Ion:119 Resp: 351553

Ion Ratio Lower Upper

119 100

91 59.7 29.9 89.8

134 26.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.688 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023497.D

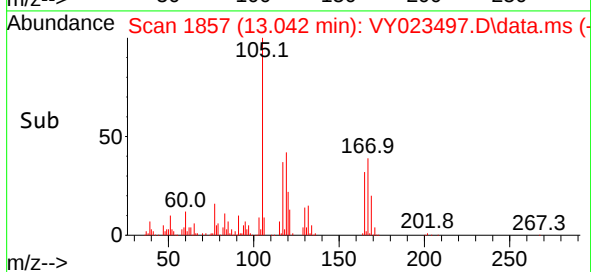
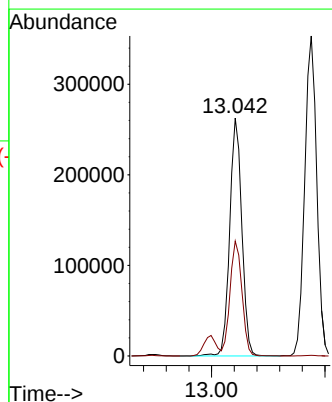
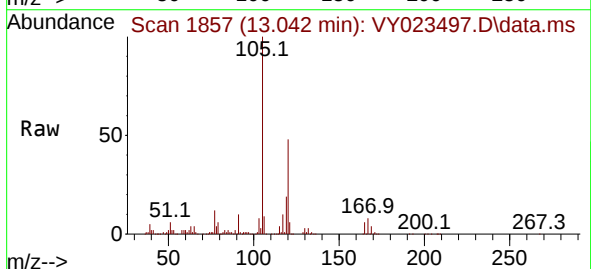
Acq: 20 Oct 2025 10:07

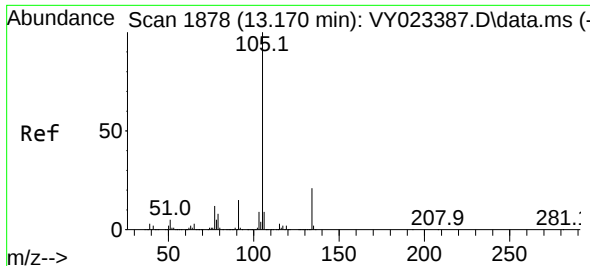
Tgt Ion:105 Resp: 388491

Ion Ratio Lower Upper

105 100

120 47.6 23.8 71.2

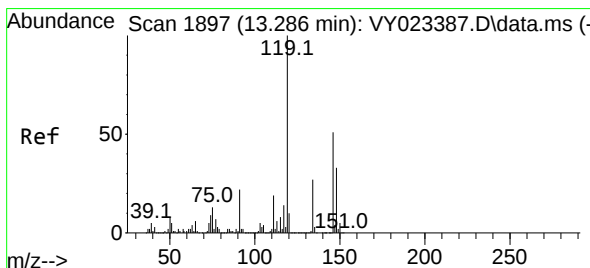
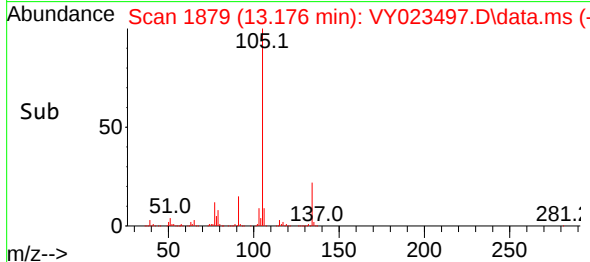
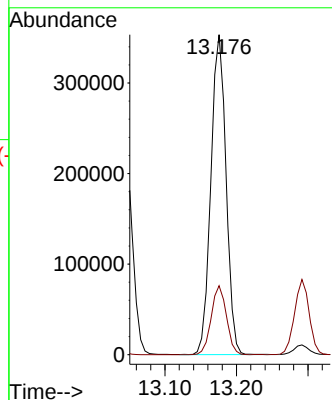
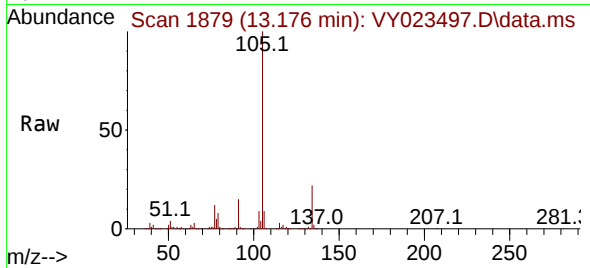




#85
 sec-Butylbenzene
 Concen: 20.857 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

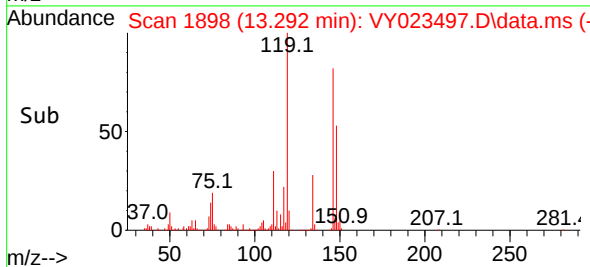
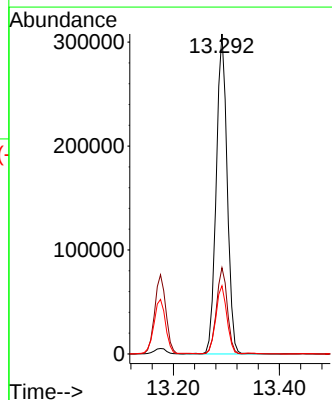
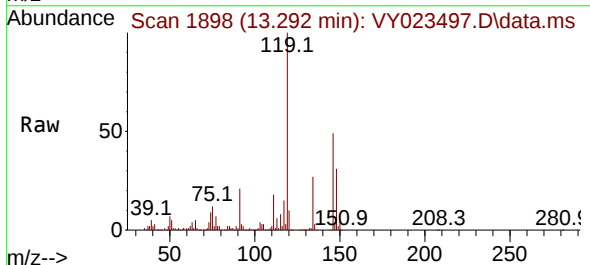
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 519789
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 20.790 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

Tgt Ion:119 Resp: 441147
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 21.3 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 20.608 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

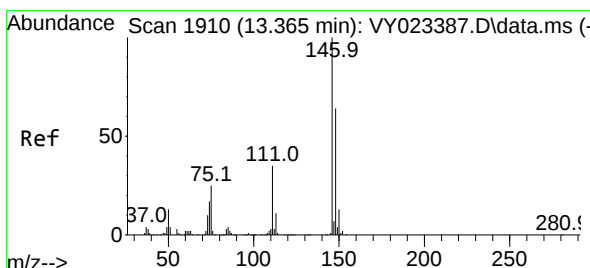
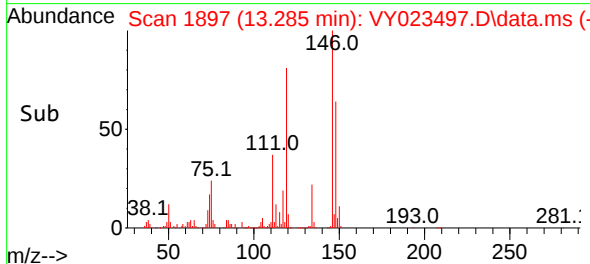
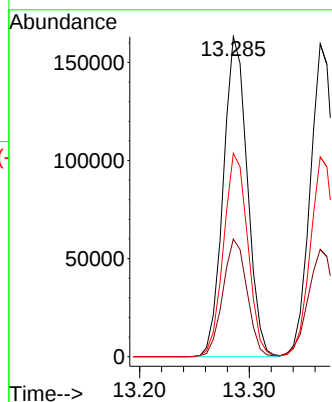
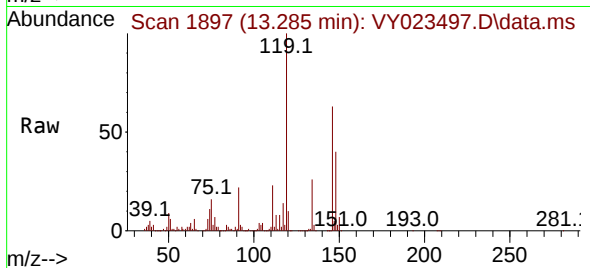
Tgt Ion:146 Resp: 248425

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.575 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

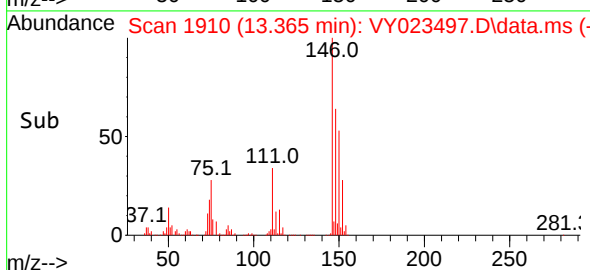
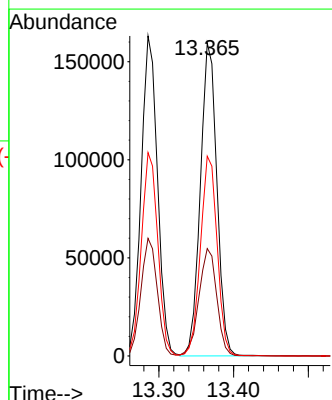
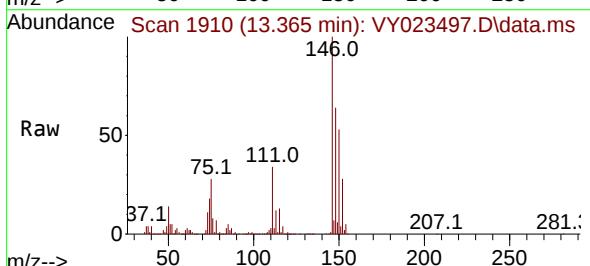
Tgt Ion:146 Resp: 244966

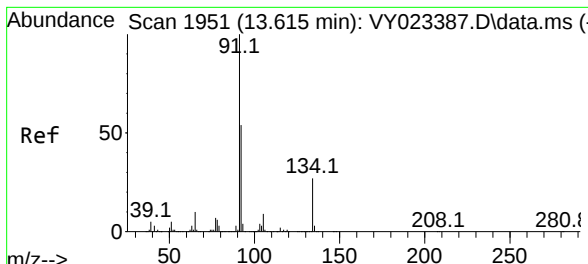
Ion Ratio Lower Upper

146 100

111 36.7 18.0 54.0

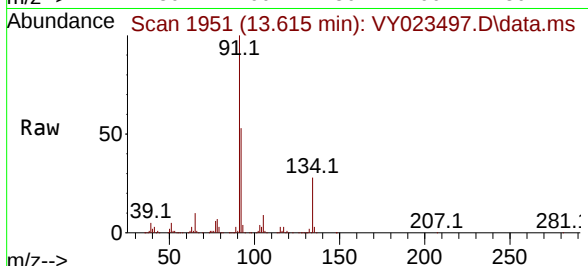
148 64.6 31.9 95.7





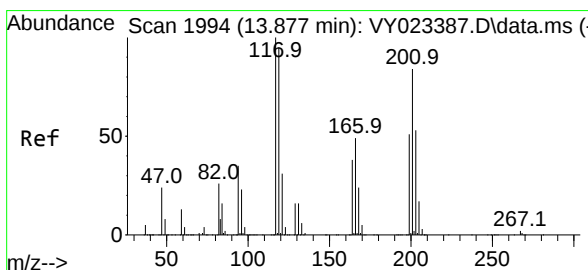
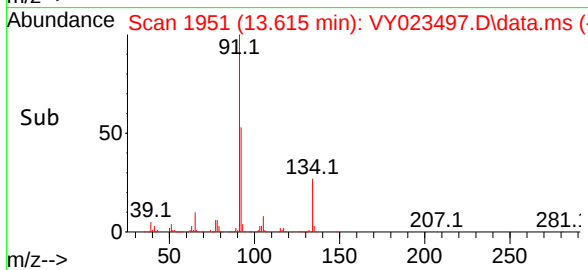
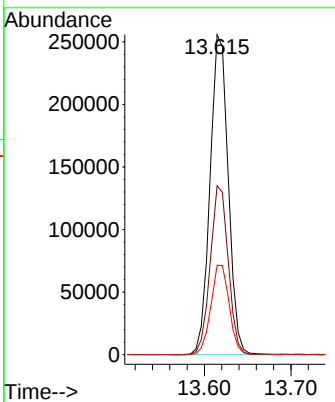
#89
 n-Butylbenzene
 Concen: 20.185 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 91 Resp: 373193

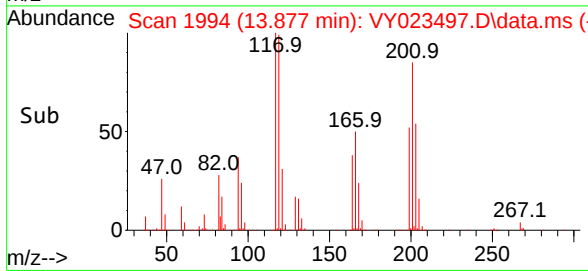
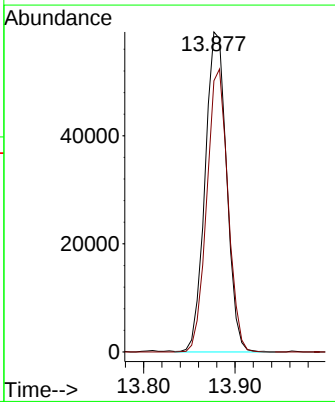
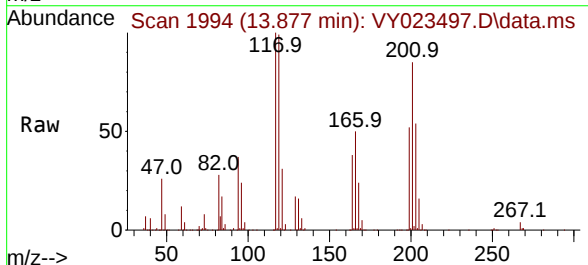
Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.0	80.8
134	28.3	14.1	42.2

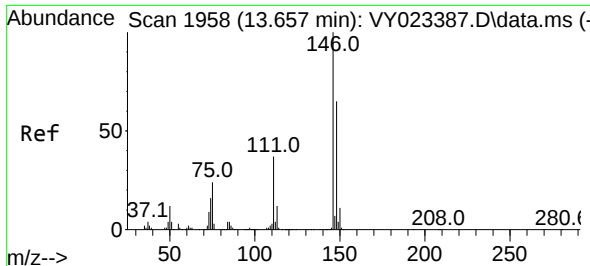


#90
 Hexachloroethane
 Concen: 21.241 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

Tgt Ion: 117 Resp: 96938

Ion	Ratio	Lower	Upper
117	100		
201	86.6	43.8	131.4

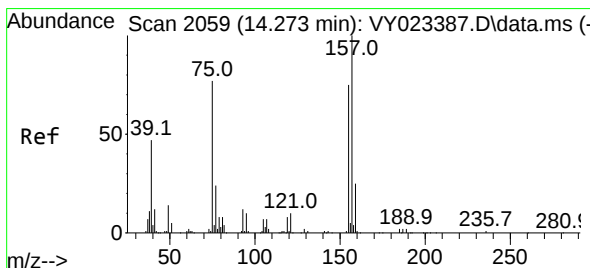
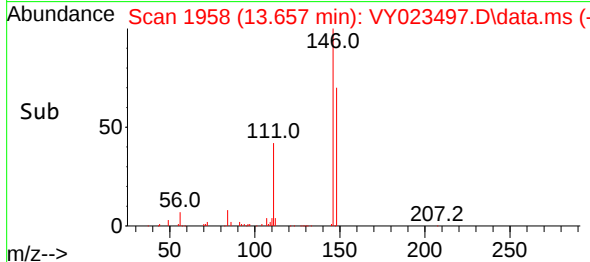
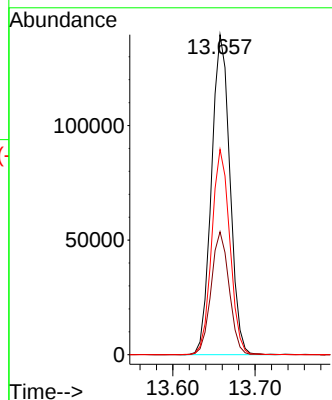
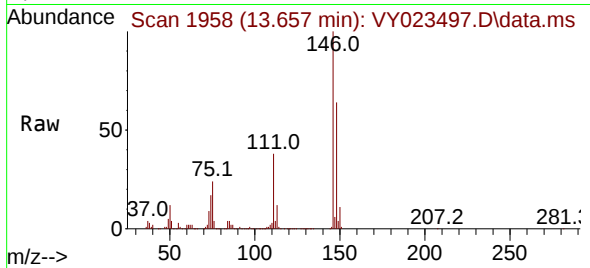




#91
 1,2-Dichlorobenzene
 Concen: 20.587 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

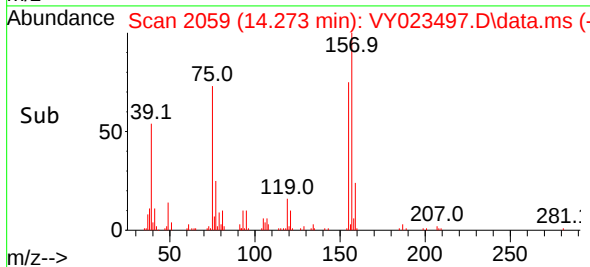
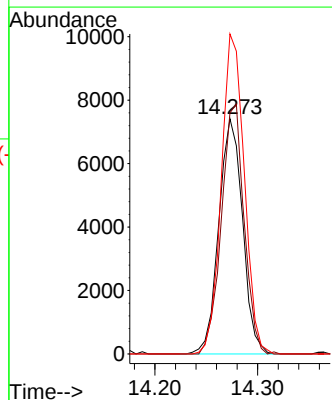
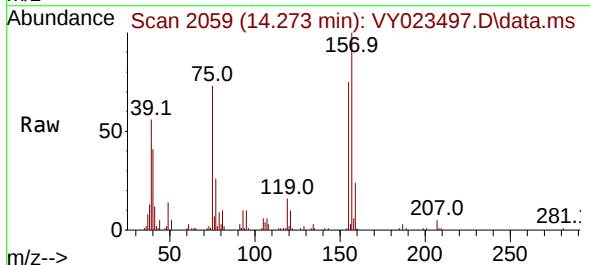
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:146 Resp: 217576
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.0 57.0
 148 63.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.998 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

Tgt Ion: 75 Resp: 11872
 Ion Ratio Lower Upper
 75 100
 155 101.7 50.0 150.0
 157 131.4 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 19.435 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

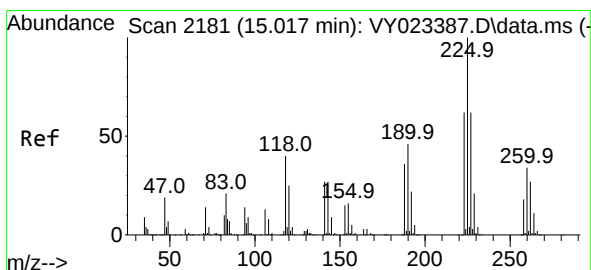
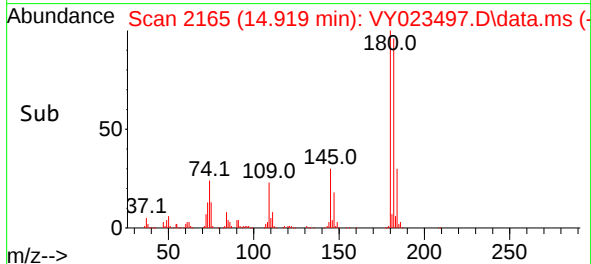
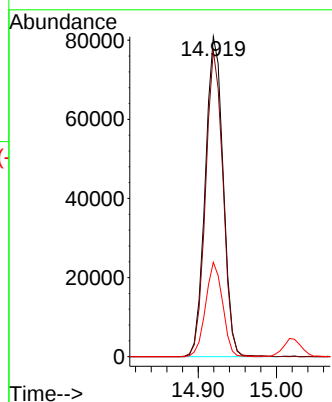
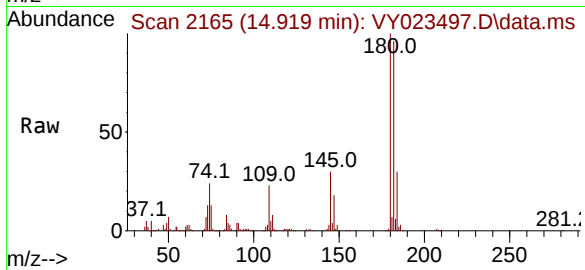
Tgt Ion:180 Resp: 128052

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.6

145 28.1 14.7 44.1



#94

Hexachlorobutadiene

Concen: 21.047 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

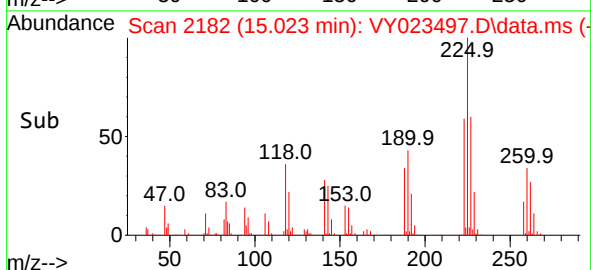
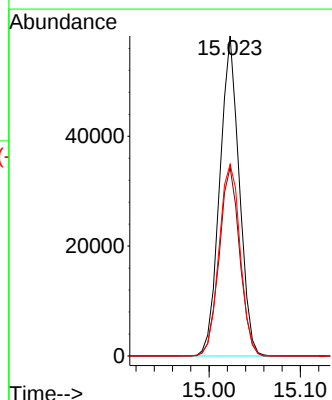
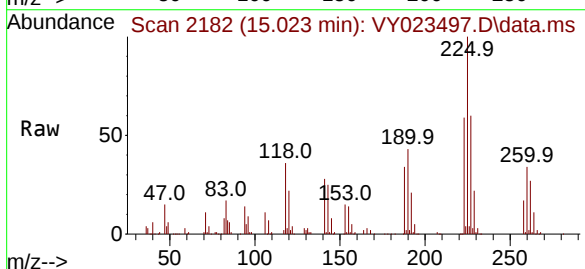
Tgt Ion:225 Resp: 86443

Ion Ratio Lower Upper

225 100

223 61.7 30.8 92.3

227 64.8 31.9 95.7





#95

Naphthalene

Concen: 16.704 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

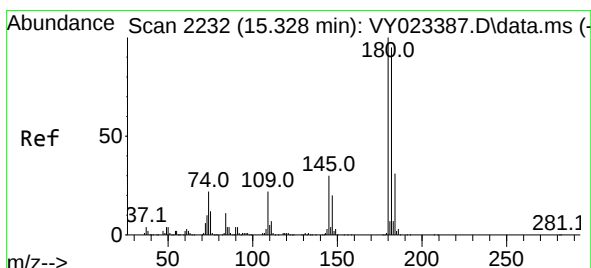
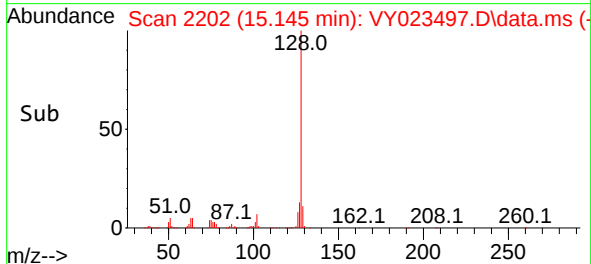
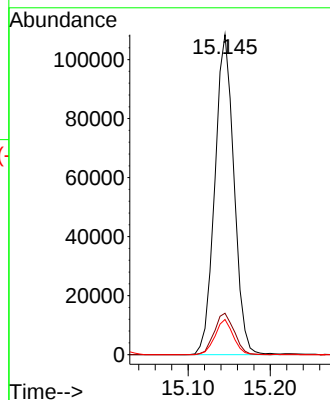
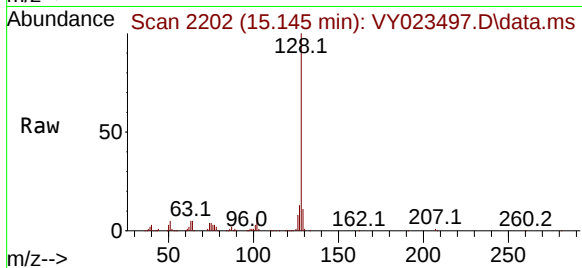
Tgt Ion:128 Resp: 175261

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 10.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.778 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion:180 Resp: 107165

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 31.3 15.3 45.9

