

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023202.D
 Acq On : 25 Aug 2025 10:09
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 23:45:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	477332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	754067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	667244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	345744	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	216760	47.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.300%
35) Dibromofluoromethane	7.634	113	223844	49.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.103	98	858635	48.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.402	95	269390	47.522	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	81519	20.922	ug/l	97
3) Chloromethane	2.074	50	130676	20.707	ug/l	99
4) Vinyl Chloride	2.208	62	164065	21.032	ug/l	98
5) Bromomethane	2.592	94	134702	23.121	ug/l	100
6) Chloroethane	2.733	64	111434	21.486	ug/l	99
7) Trichlorofluoromethane	3.056	101	192501	20.294	ug/l	99
8) Diethyl Ether	3.458	74	48303	19.248	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	96148	20.546	ug/l	96
10) Methyl Iodide	4.007	142	97453	19.299	ug/l	99
11) Tert butyl alcohol	4.860	59	27573	88.456	ug/l	98
12) 1,1-Dichloroethene	3.787	96	92491	20.108	ug/l	89
13) Acrolein	3.647	56	26939	59.011	ug/l	98
14) Allyl chloride	4.385	41	126710	18.721	ug/l	97
15) Acrylonitrile	5.055	53	98842	96.880	ug/l	98
16) Acetone	3.860	43	107990	109.570	ug/l	97
17) Carbon Disulfide	4.104	76	295993	19.735	ug/l	99
18) Methyl Acetate	4.385	43	52768	17.992	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	221998	18.625	ug/l	100
20) Methylene Chloride	4.616	84	103383	18.473	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	105522	20.414	ug/l	98
22) Diisopropyl ether	6.019	45	279946	19.034	ug/l	96
23) Vinyl Acetate	5.958	43	742237	91.268	ug/l	99
24) 1,1-Dichloroethane	5.915	63	179553	19.968	ug/l	99
25) 2-Butanone	6.890	43	132043	98.508	ug/l	96
26) 2,2-Dichloropropane	6.884	77	155545	20.047	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	121479	20.328	ug/l	95
28) Bromochloromethane	7.244	49	70925	19.881	ug/l	92
29) Tetrahydrofuran	7.262	42	74691	89.894	ug/l	99
30) Chloroform	7.421	83	189500	20.434	ug/l	99
31) Cyclohexane	7.701	56	157311	18.565	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	167760	20.387	ug/l	99
36) 1,1-Dichloropropene	7.835	75	132339	19.736	ug/l	99
37) Ethyl Acetate	6.988	43	53573	19.019	ug/l	97
38) Carbon Tetrachloride	7.817	117	149972	20.592	ug/l	99
39) Methylcyclohexane	9.109	83	170496	19.308	ug/l	96
40) Benzene	8.079	78	420664	20.354	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023202.D
 Acq On : 25 Aug 2025 10:09
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 23:45:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	30135	18.537	ug/l	97
42) 1,2-Dichloroethane	8.158	62	107382	19.977	ug/l	100
43) Isopropyl Acetate	8.195	43	100892	17.721	ug/l #	85
44) Trichloroethene	8.866	130	111746	20.922	ug/l	93
45) 1,2-Dichloropropane	9.140	63	96556	20.304	ug/l	98
46) Dibromomethane	9.231	93	55902	20.481	ug/l	97
47) Bromodichloromethane	9.420	83	143924	20.492	ug/l	100
48) Methyl methacrylate	9.219	41	46617	17.111	ug/l	93
49) 1,4-Dioxane	9.225	88	12274	383.517	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	261619	89.084	ug/l	99
52) Toluene	10.170	92	265906	20.257	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	121499	19.104	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	147632	19.631	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	74369	20.362	ug/l	98
56) Ethyl methacrylate	10.438	69	84076	17.990	ug/l	96
57) 1,3-Dichloropropane	10.719	76	122339	19.751	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	206059	93.473	ug/l	96
59) 2-Hexanone	10.762	43	183808	91.916	ug/l	100
60) Dibromochloromethane	10.908	129	100724	20.901	ug/l	100
61) 1,2-Dibromoethane	11.012	107	68836	20.053	ug/l	100
64) Tetrachloroethene	10.646	164	117071	19.649	ug/l	99
65) Chlorobenzene	11.438	112	295846	20.556	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	100703	20.616	ug/l	98
67) Ethyl Benzene	11.518	91	486109	19.626	ug/l	98
68) m/p-Xylenes	11.627	106	390655	40.384	ug/l	97
69) o-Xylene	11.950	106	180171	19.886	ug/l	97
70) Styrene	11.969	104	297819	20.100	ug/l	98
71) Bromoform	12.127	173	57741	20.226	ug/l #	100
73) Isopropylbenzene	12.255	105	464221	19.024	ug/l	99
74) N-amyl acetate	12.066	43	86372	16.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	79739	19.138	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	102877	30.831	ug/l #	100
77) Bromobenzene	12.530	156	115475	19.836	ug/l	94
78) n-propylbenzene	12.591	91	560933	19.308	ug/l	99
79) 2-Chlorotoluene	12.676	91	317103	19.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	383520	19.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	25449	18.462	ug/l	96
82) 4-Chlorotoluene	12.773	91	331699	19.209	ug/l	98
83) tert-Butylbenzene	12.993	119	336565	18.895	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	386501	19.687	ug/l	99
85) sec-Butylbenzene	13.170	105	504416	19.278	ug/l	99
86) p-Isopropyltoluene	13.286	119	423009	19.477	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	230302	20.061	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	228216	20.039	ug/l	99
89) n-Butylbenzene	13.615	91	378255	18.962	ug/l	99
90) Hexachloroethane	13.877	117	89022	20.023	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	201368	20.000	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12120	18.683	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	114445	19.222	ug/l	99
94) Hexachlorobutadiene	15.017	225	70147	20.049	ug/l	99
95) Naphthalene	15.139	128	169970	16.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	96132	18.737	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
Data File : VY023202.D
Acq On : 25 Aug 2025 10:09
Operator : SY/MD
Sample : VY0825SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 25 23:45:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

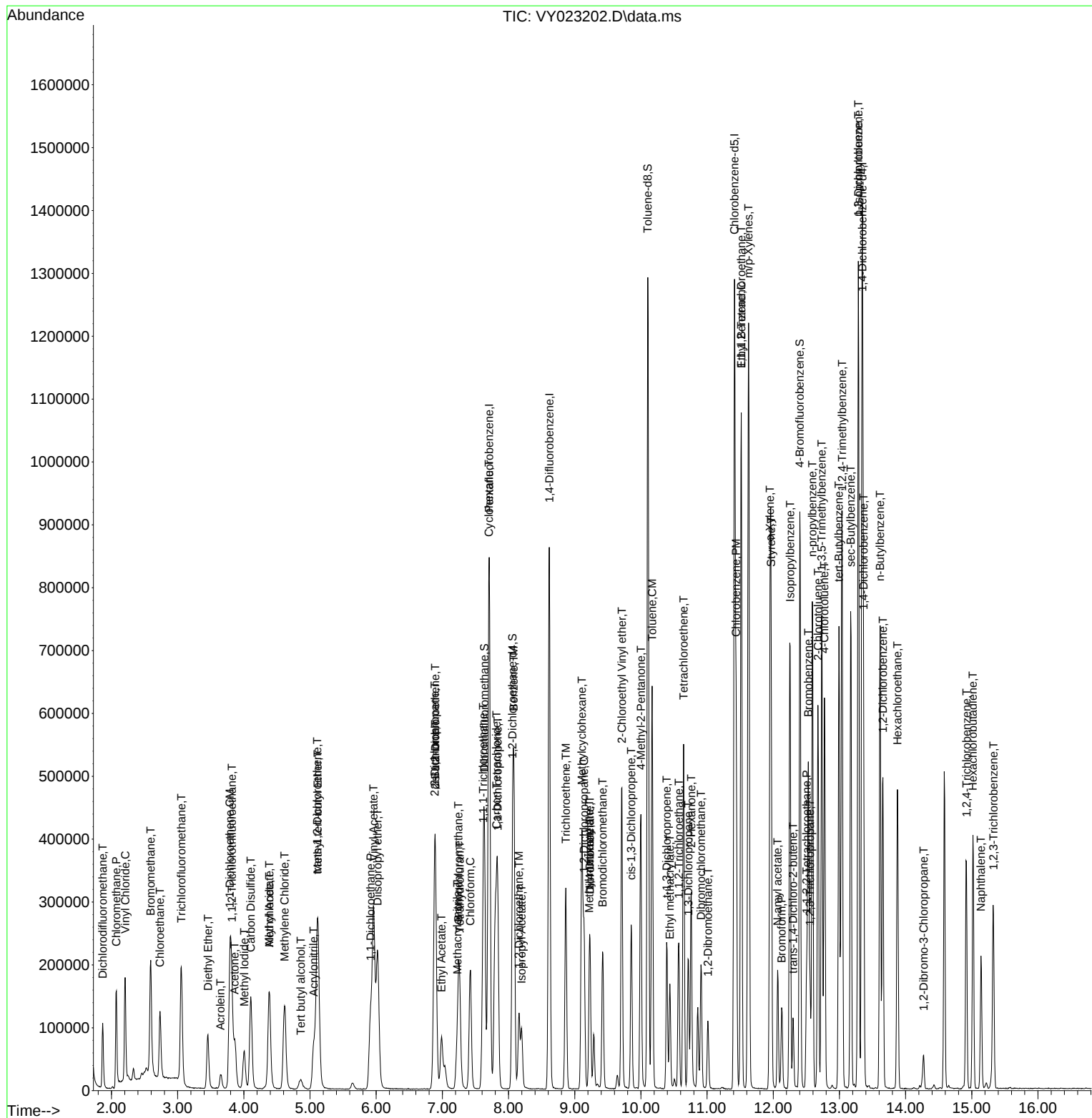
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023202.D
 Acq On : 25 Aug 2025 10:09
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 23:45:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

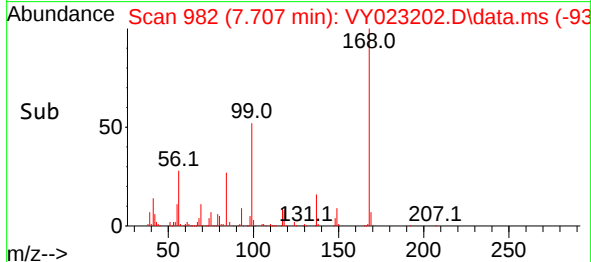
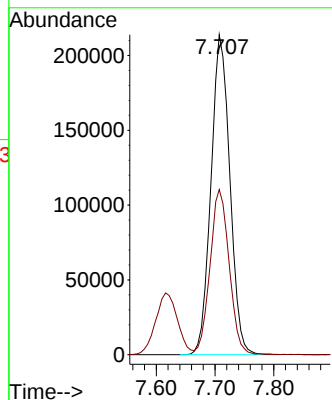
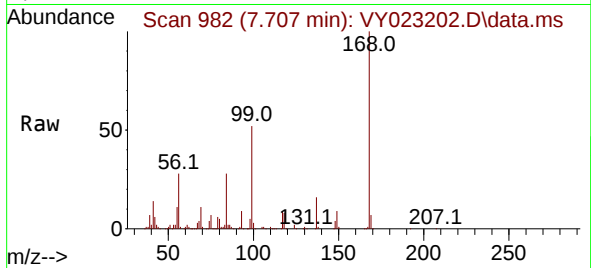




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

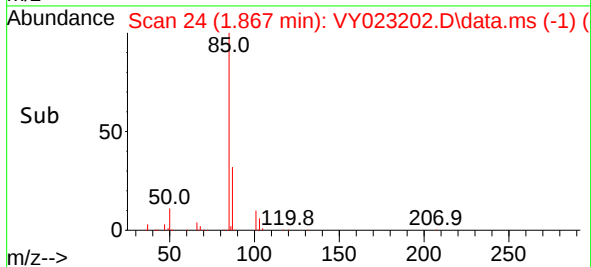
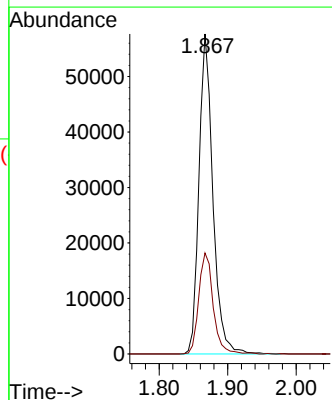
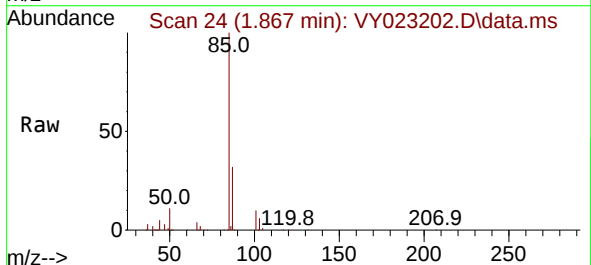
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 477332
Ion Ratio Lower Upper
168 100
99 51.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 20.922 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 85 Resp: 81519
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8

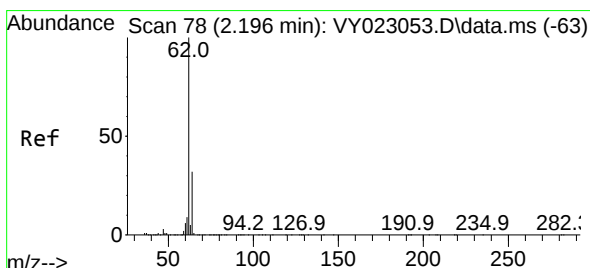
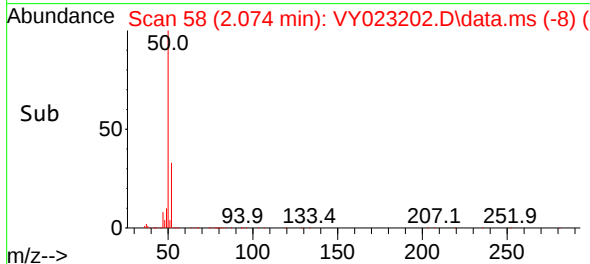
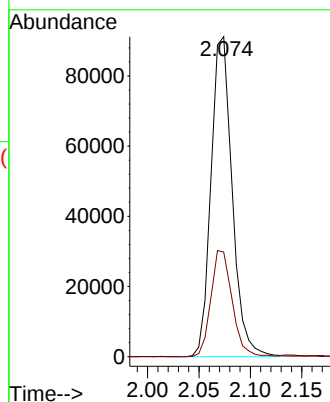
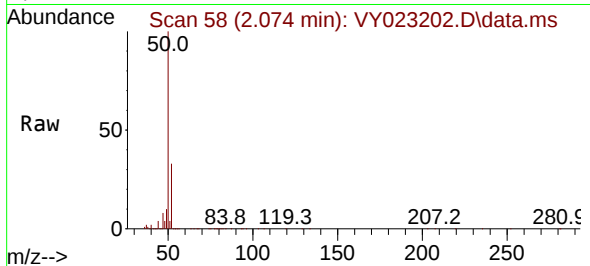




#3
Chloromethane
Concen: 20.707 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

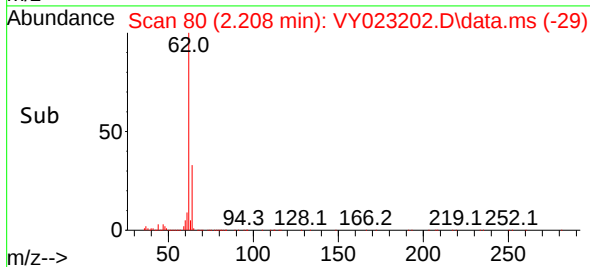
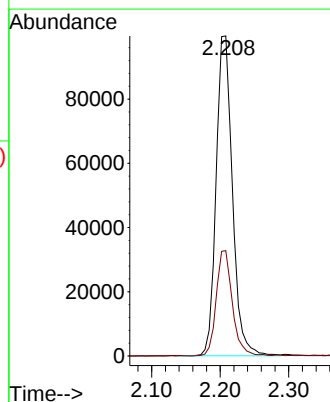
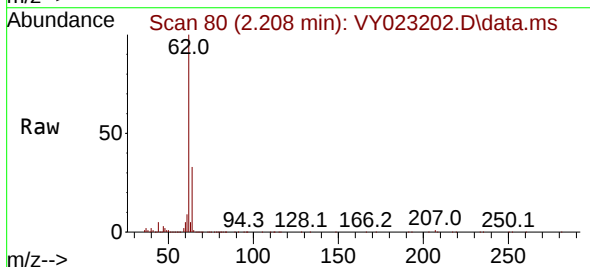
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 130676
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 21.032 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 62 Resp: 164065
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

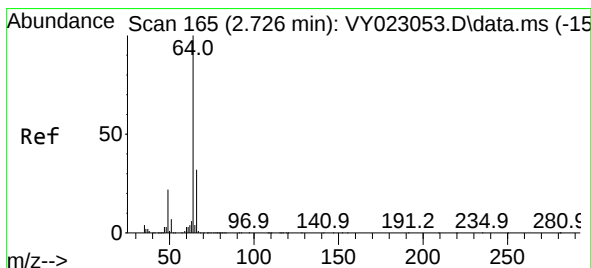
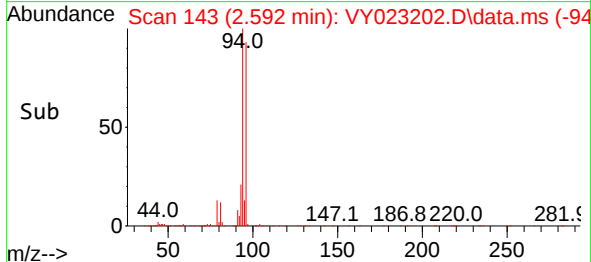
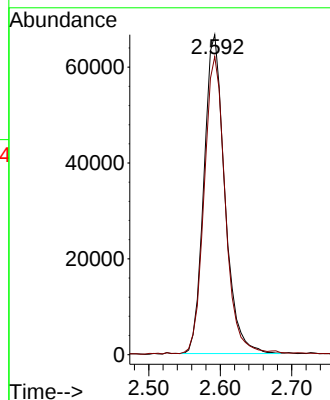
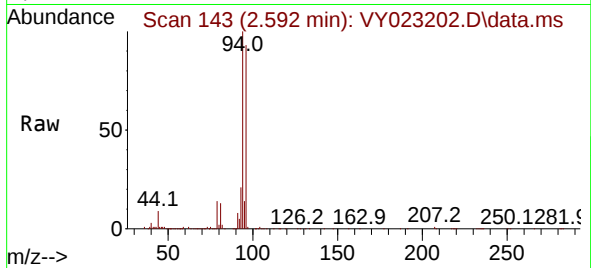




#5
Bromomethane
Concen: 23.121 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

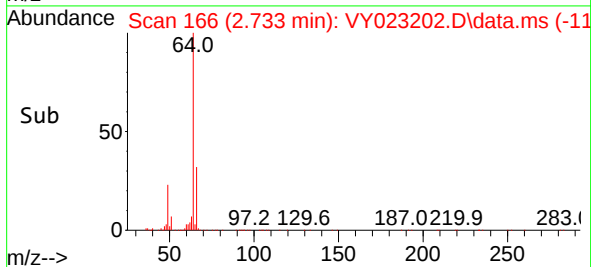
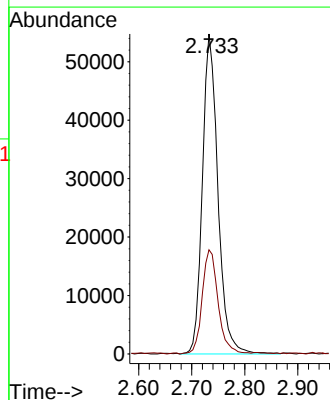
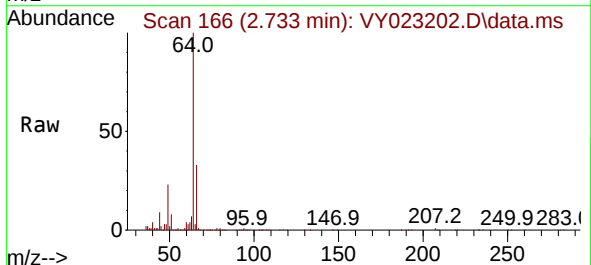
Instrument :
MSVOA_Y
ClientSampleId :

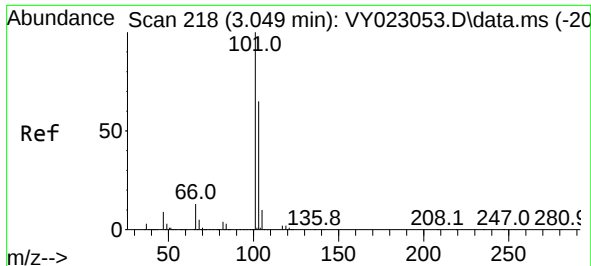
Tgt Ion: 94 Resp: 134702
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0



#6
Chloroethane
Concen: 21.486 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 64 Resp: 111434
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6

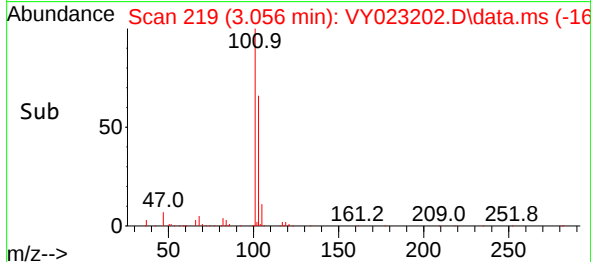
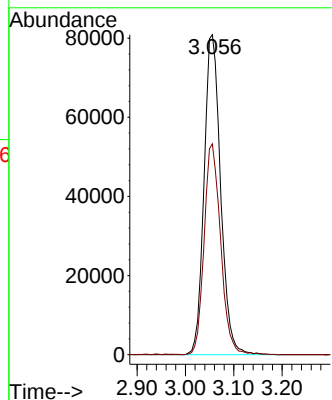
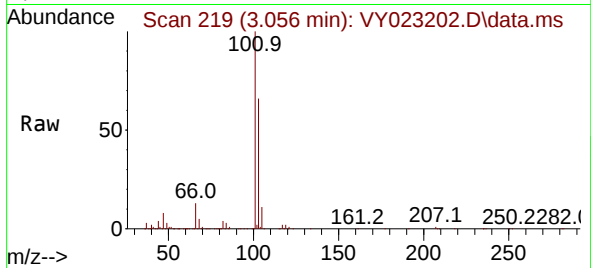




#7
Trichlorofluoromethane
Concen: 20.294 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

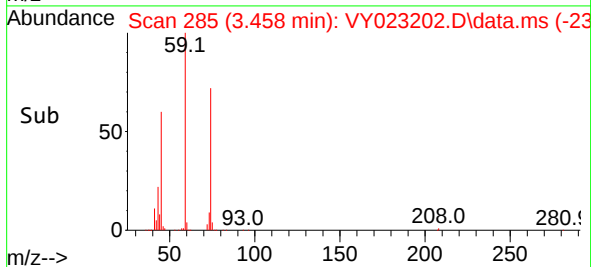
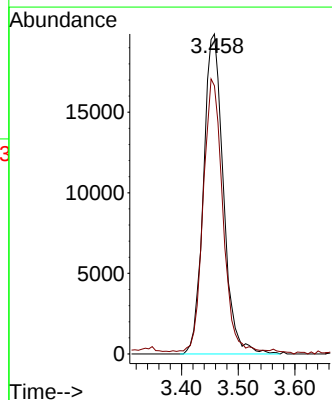
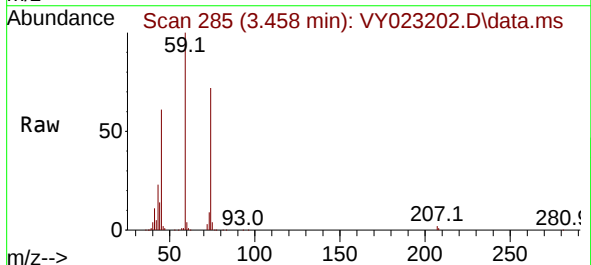
Instrument :
MSVOA_Y
ClientSampleId :

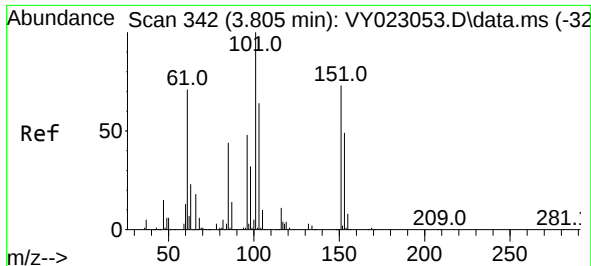
Tgt Ion:101 Resp: 192501
Ion Ratio Lower Upper
101 100
103 65.9 51.9 77.9



#8
Diethyl Ether
Concen: 19.248 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 74 Resp: 48303
Ion Ratio Lower Upper
74 100
45 82.8 44.4 133.2

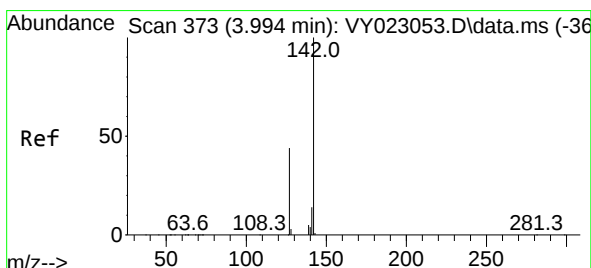
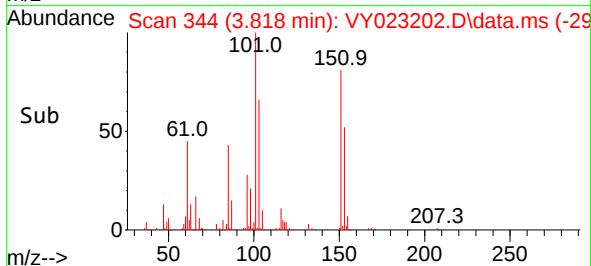
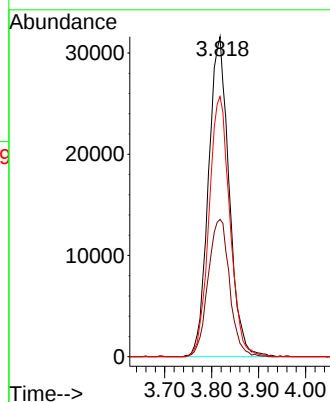
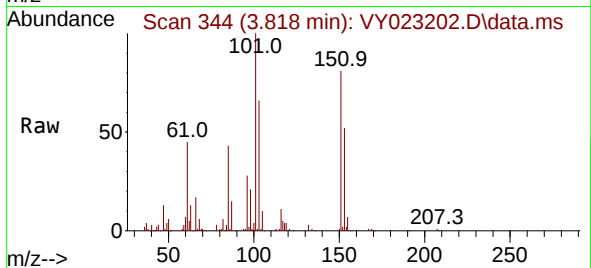




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.546 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

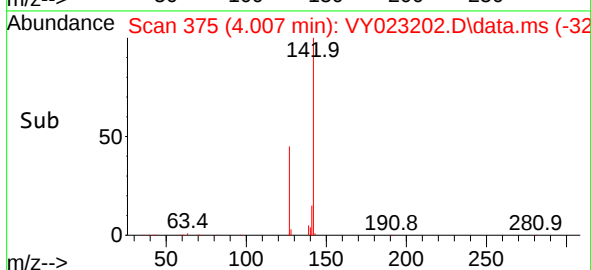
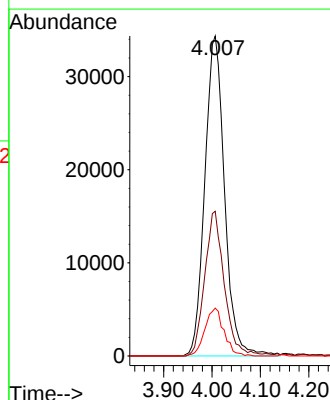
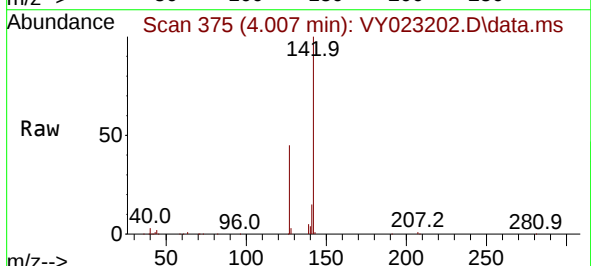
Instrument :
MSVOA_Y
ClientSampleId :

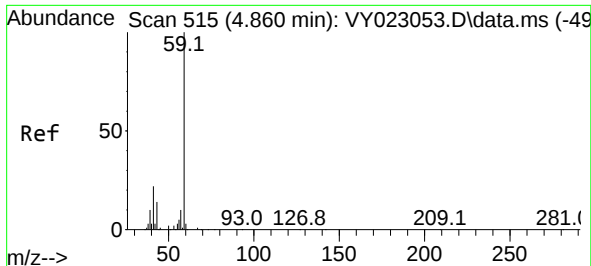
Tgt Ion:101 Resp: 96148
Ion Ratio Lower Upper
101 100
85 44.8 36.3 54.5
151 82.3 61.5 92.3



#10
Methyl Iodide
Concen: 19.299 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion:142 Resp: 97453
Ion Ratio Lower Upper
142 100
127 44.7 34.9 52.3
141 14.4 11.3 16.9

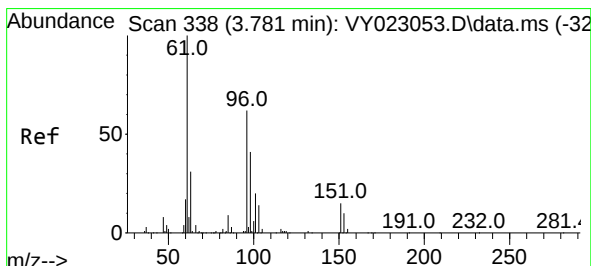
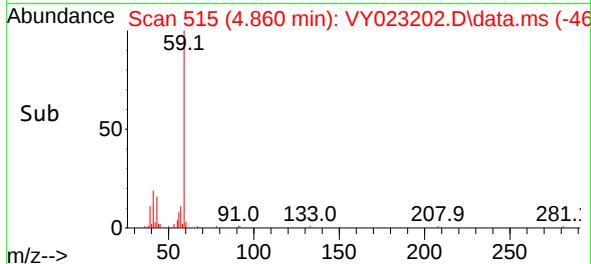
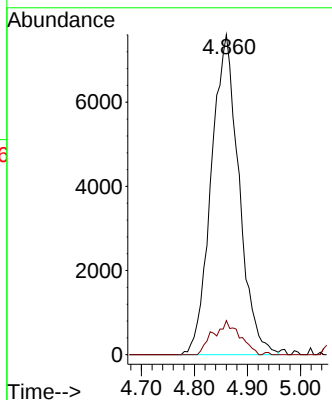
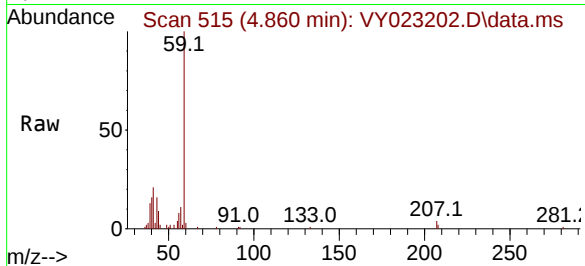




#11
Tert butyl alcohol
Concen: 88.456 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

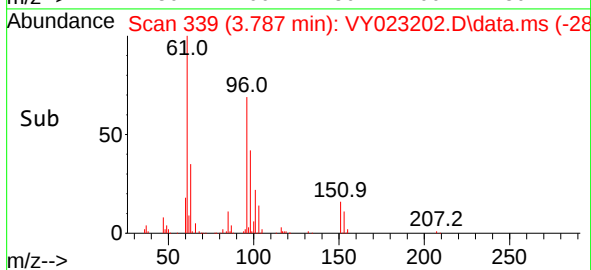
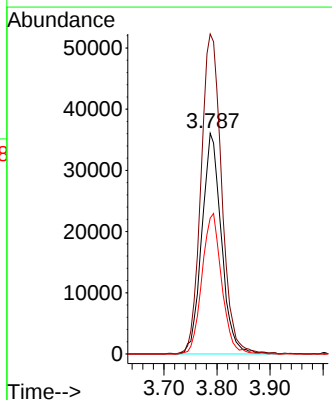
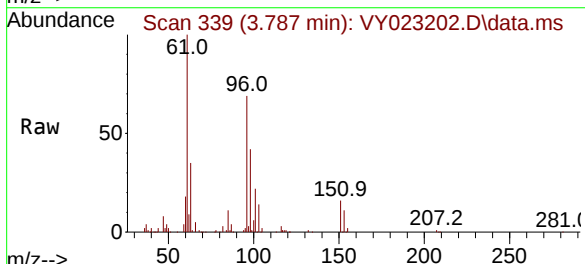
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 27573
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0



#12
1,1-Dichloroethene
Concen: 20.108 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 96 Resp: 92491
Ion Ratio Lower Upper
96 100
61 145.0 129.4 194.2
98 61.5 52.8 79.2





#13

Acrolein

Concen: 59.011 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

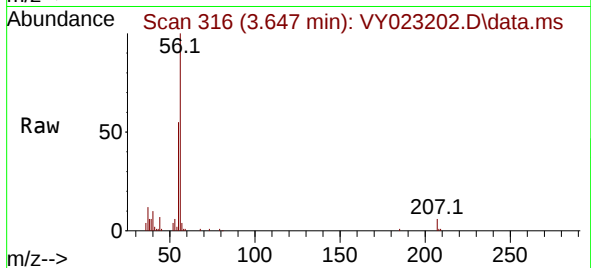
Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

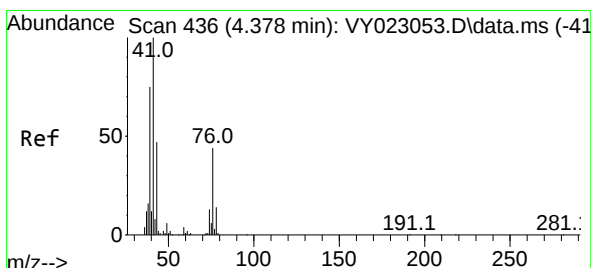
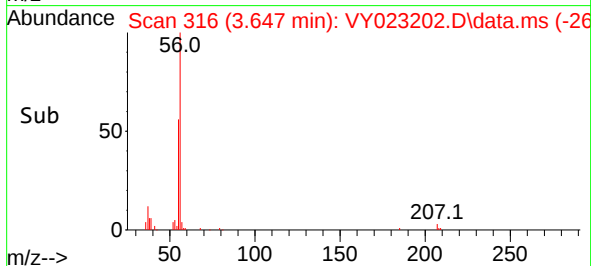
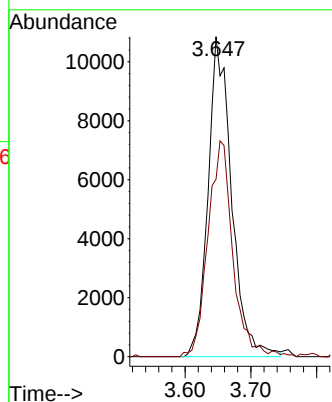


Tgt Ion: 56 Resp: 26939

Ion Ratio Lower Upper

56 100

55 70.4 55.2 82.8



#14

Allyl chloride

Concen: 18.721 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

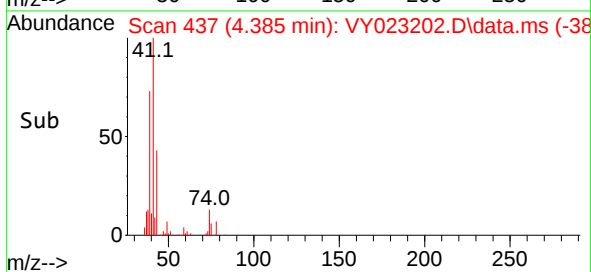
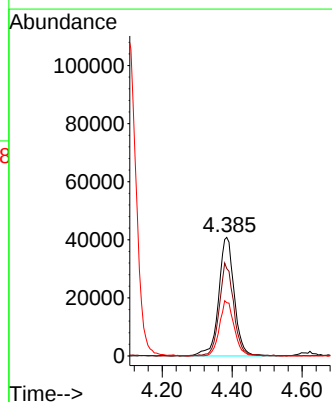
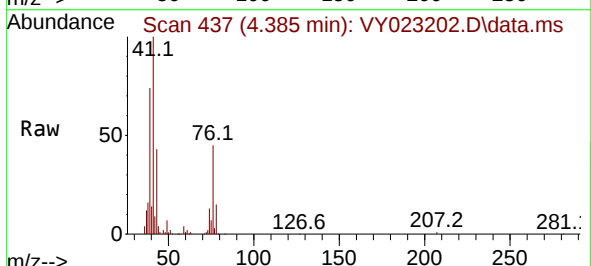
Tgt Ion: 41 Resp: 126710

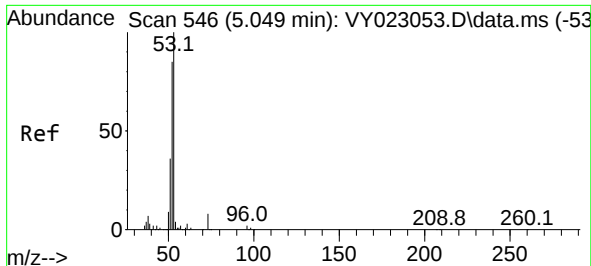
Ion Ratio Lower Upper

41 100

39 72.5 59.8 89.6

76 43.7 33.7 50.5

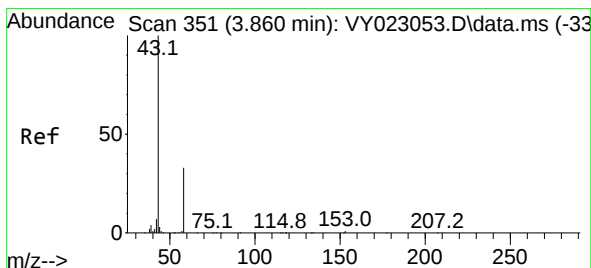
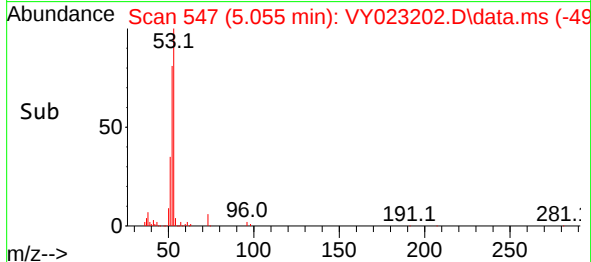
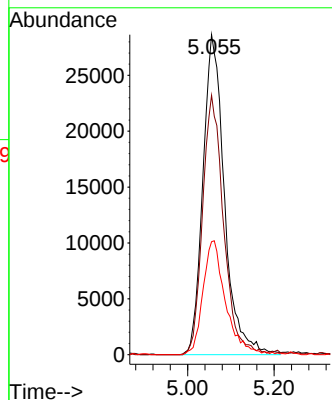
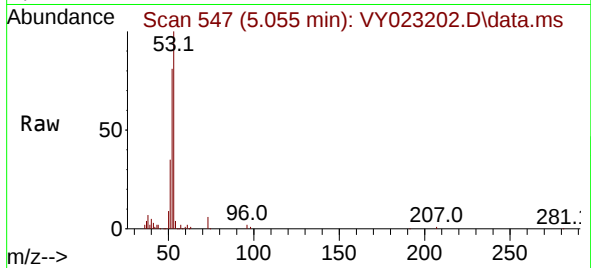




#15
Acrylonitrile
Concen: 96.880 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

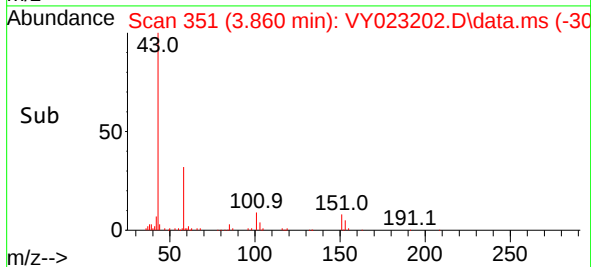
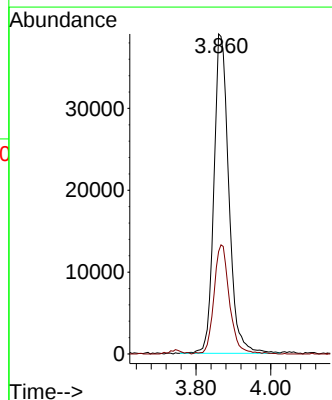
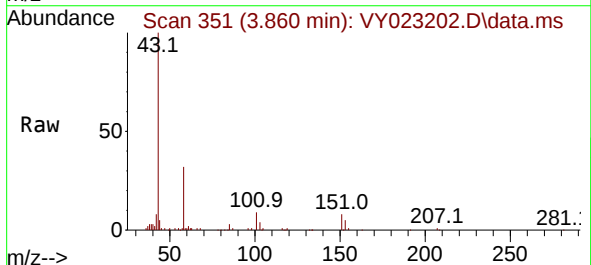
Instrument :
MSVOA_Y
ClientSampleId :

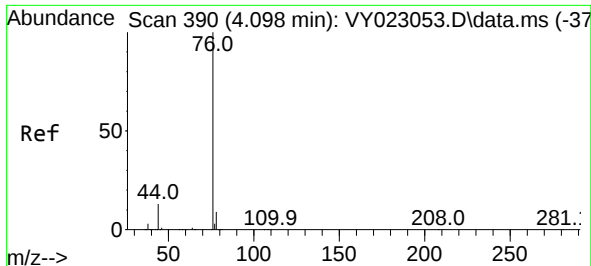
Tgt Ion: 53 Resp: 98842
Ion Ratio Lower Upper
53 100
52 79.0 65.3 97.9
51 37.3 29.5 44.3



#16
Acetone
Concen: 109.570 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 43 Resp: 107990
Ion Ratio Lower Upper
43 100
58 32.1 27.1 40.7

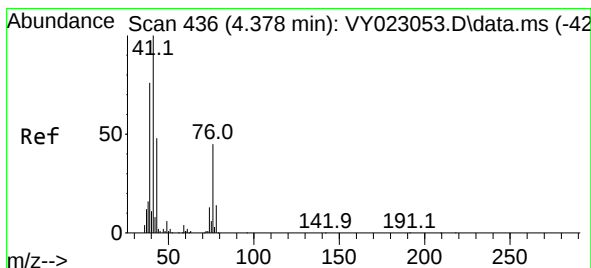
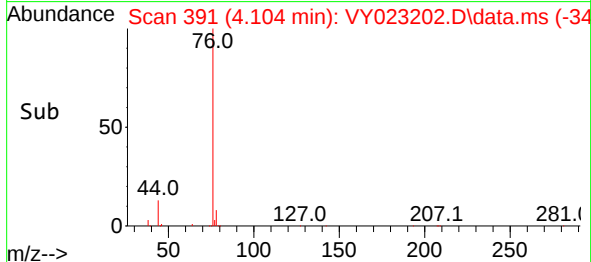
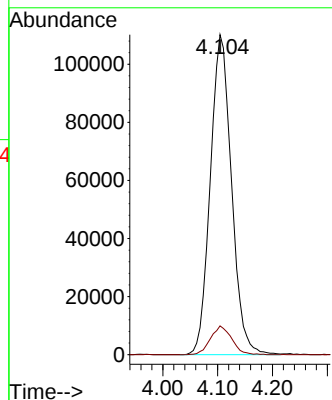
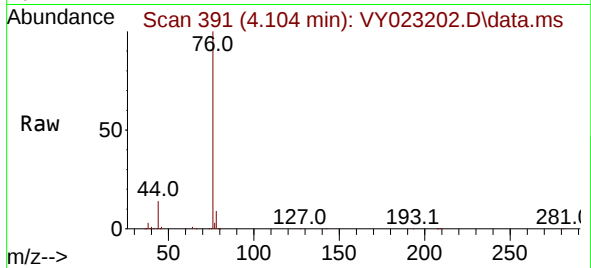




#17
Carbon Disulfide
Concen: 19.735 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

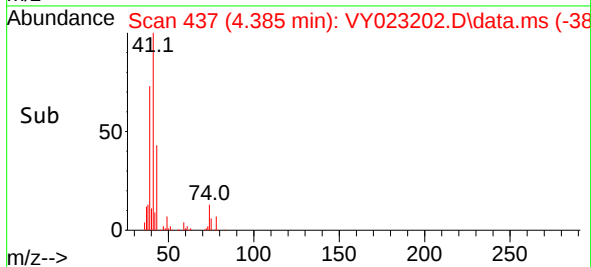
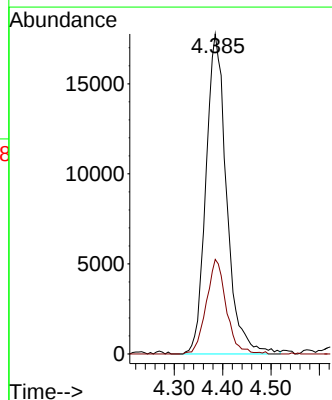
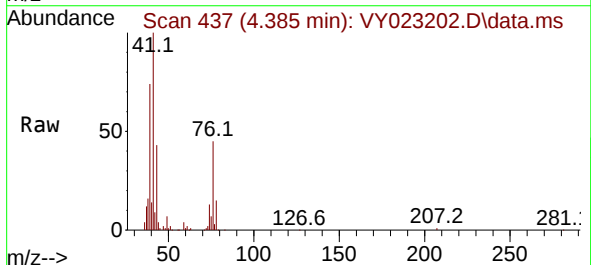
Instrument :
MSVOA_Y
ClientSampleId :

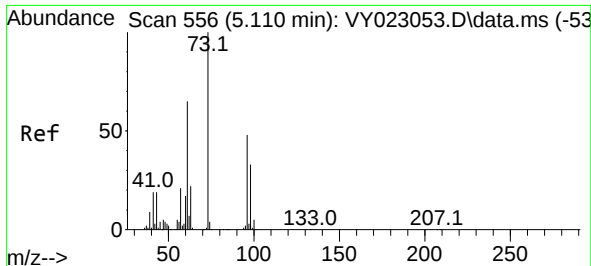
Tgt Ion: 76 Resp: 295993
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 17.992 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 43 Resp: 52768
Ion Ratio Lower Upper
43 100
74 28.4 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 18.625 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

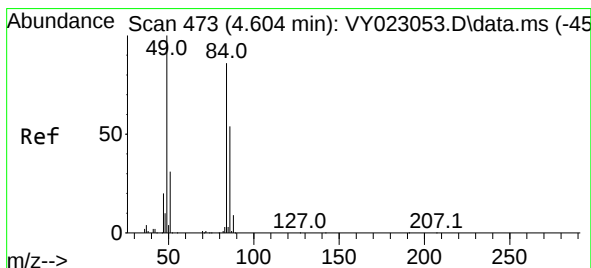
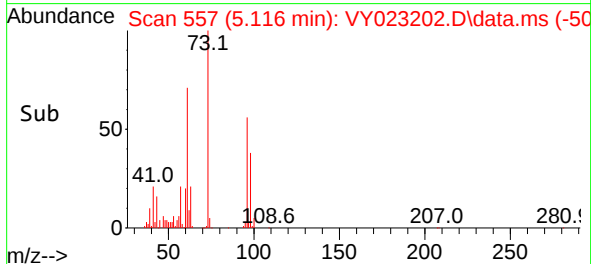
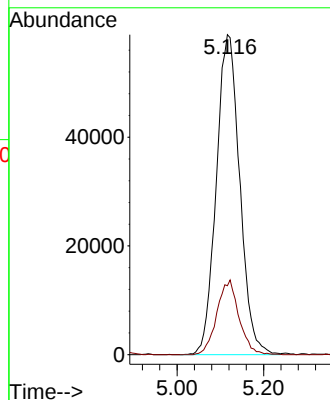
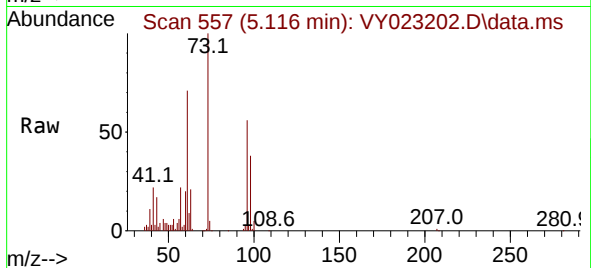
ClientSampleId :

Tgt Ion: 73 Resp: 221998

Ion Ratio Lower Upper

73 100

57 21.5 17.1 25.7



#20

Methylene Chloride

Concen: 18.473 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Tgt Ion: 84 Resp: 103383

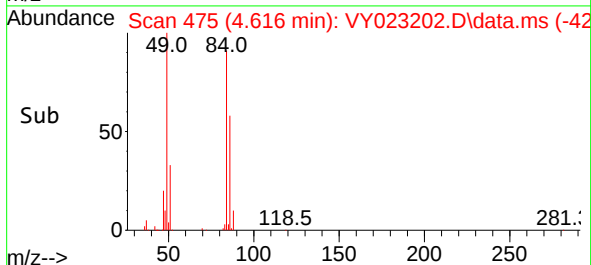
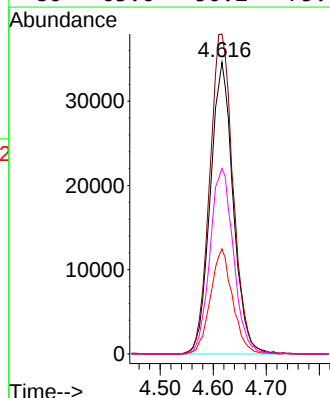
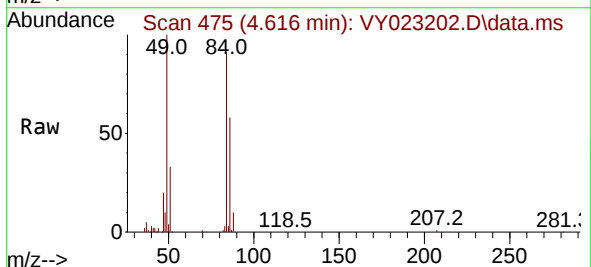
Ion Ratio Lower Upper

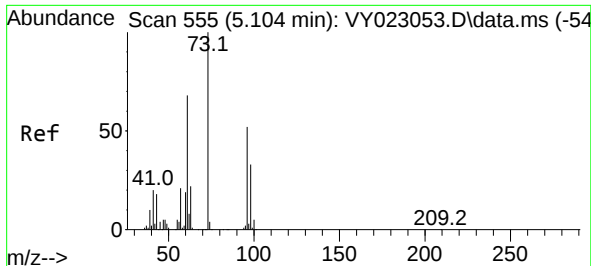
84 100

49 109.7 93.0 139.6

51 36.0 29.0 43.4

86 63.6 50.2 75.4

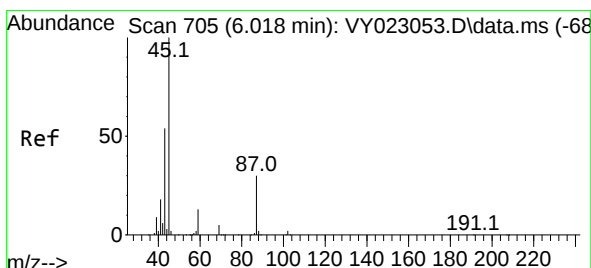
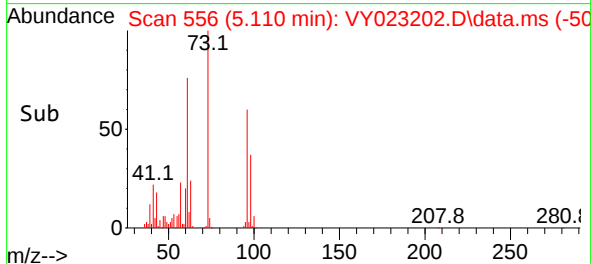
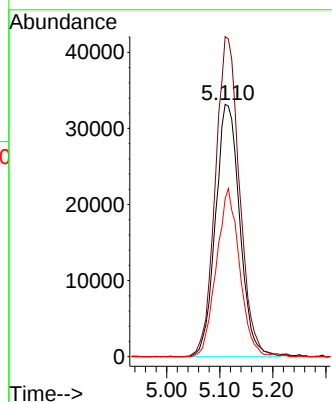
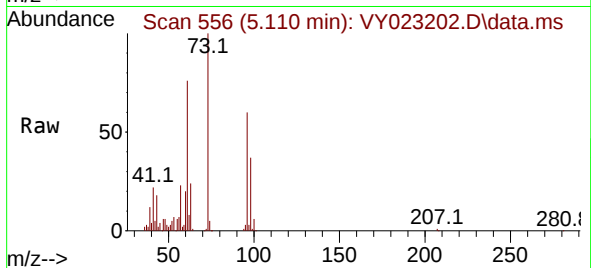




#21
trans-1,2-Dichloroethene
Concen: 20.414 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

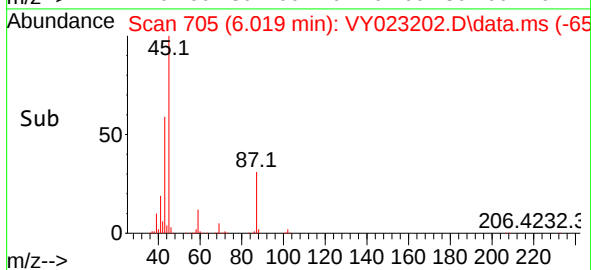
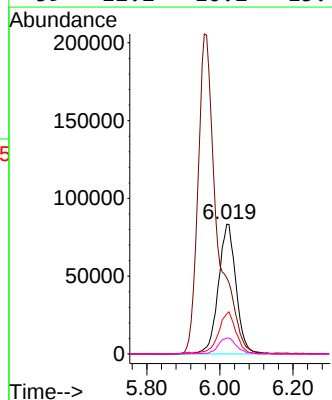
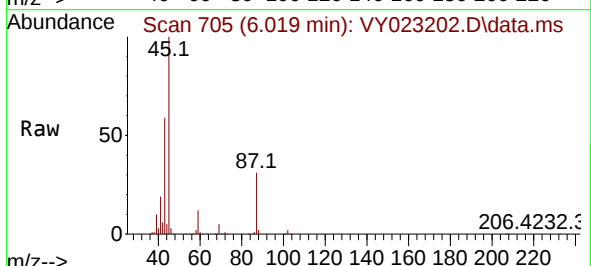
Instrument :
MSVOA_Y
ClientSampleId :

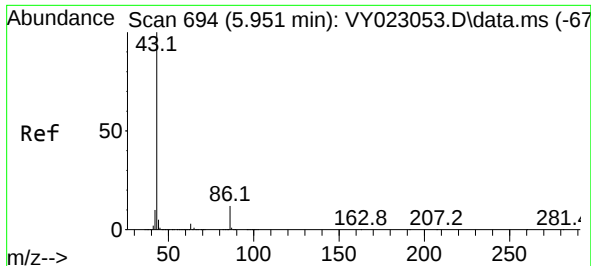
Tgt Ion: 96 Resp: 105522
Ion Ratio Lower Upper
96 100
61 126.8 104.8 157.2
98 62.7 50.1 75.1



#22
Diisopropyl ether
Concen: 19.034 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 45 Resp: 279946
Ion Ratio Lower Upper
45 100
43 58.3 43.4 65.0
87 30.8 24.4 36.6
59 12.2 10.2 15.4

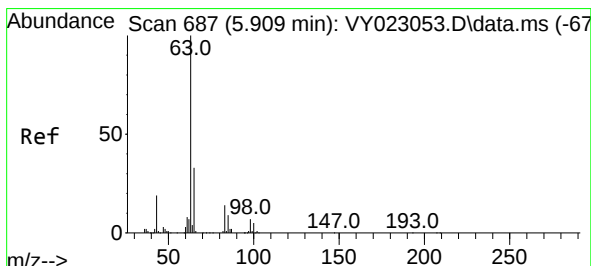
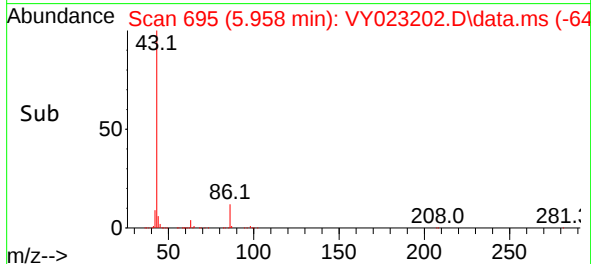
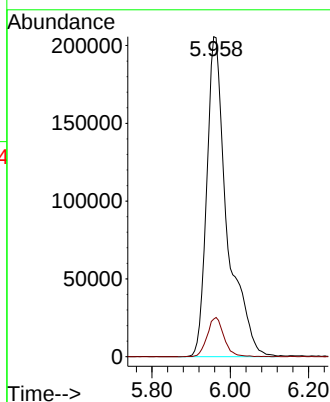
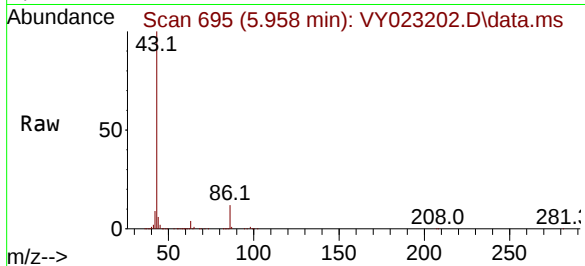




#23
 Vinyl Acetate
 Concen: 91.268 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

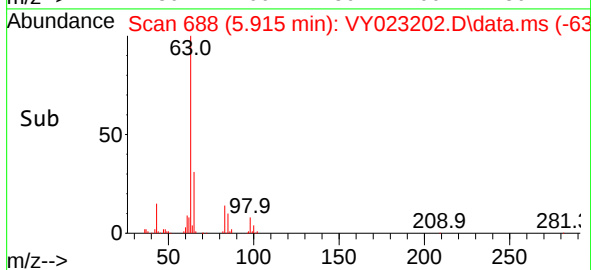
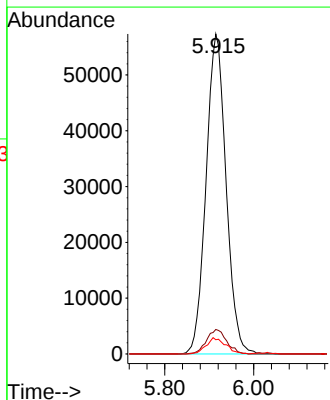
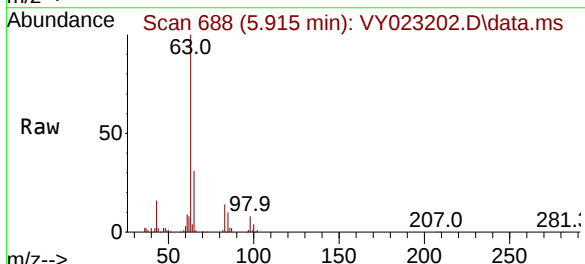
Instrument :
 MSVOA_Y
 ClientSampleId :

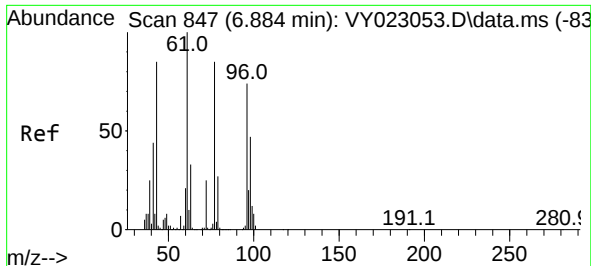
Tgt Ion: 43 Resp: 742237
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.968 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

Tgt Ion: 63 Resp: 179553
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 98.508 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

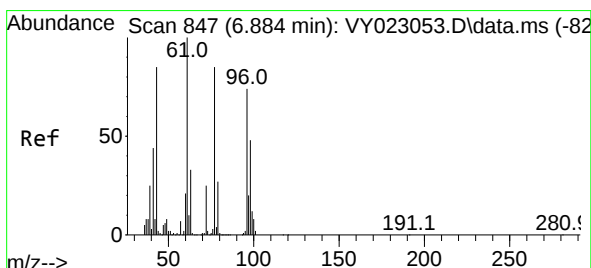
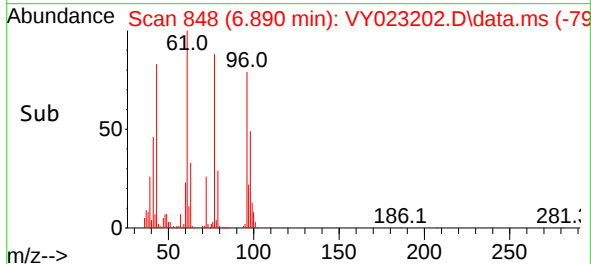
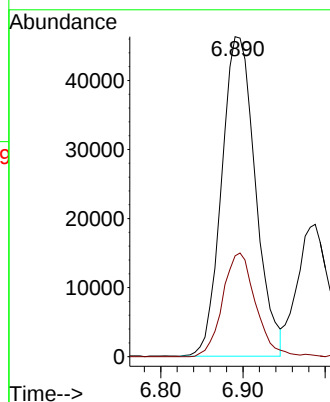
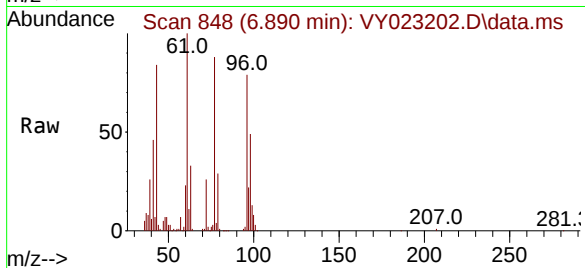
ClientSampleId :

Tgt Ion: 43 Resp: 132043

Ion Ratio Lower Upper

43 100

72 31.6 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.047 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023202.D

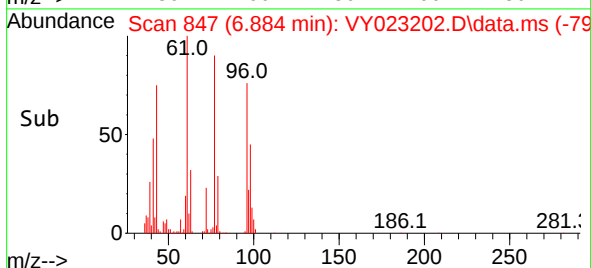
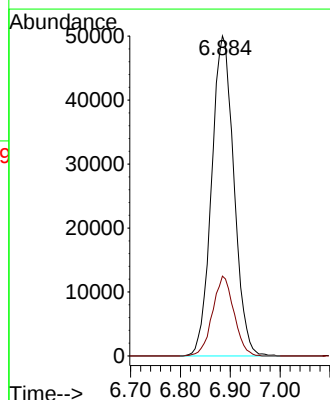
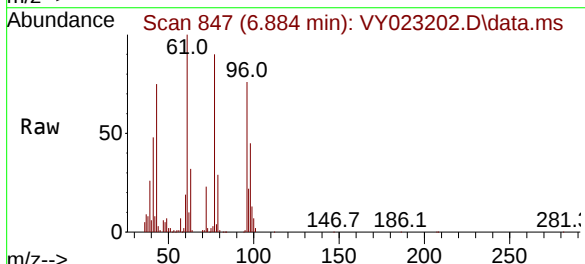
Acq: 25 Aug 2025 10:09

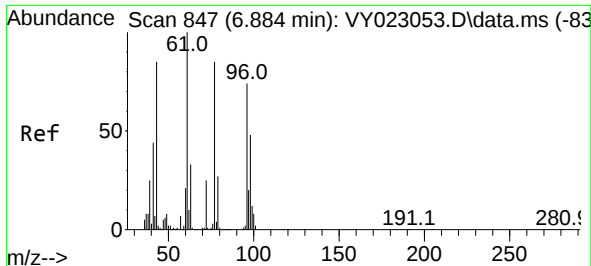
Tgt Ion: 77 Resp: 155545

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.328 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

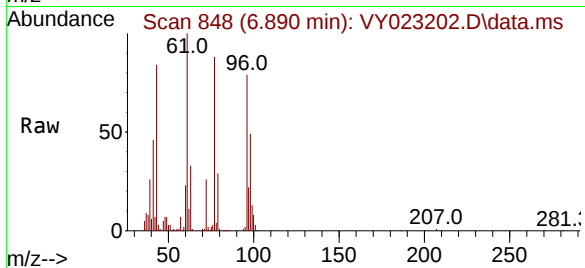
Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :



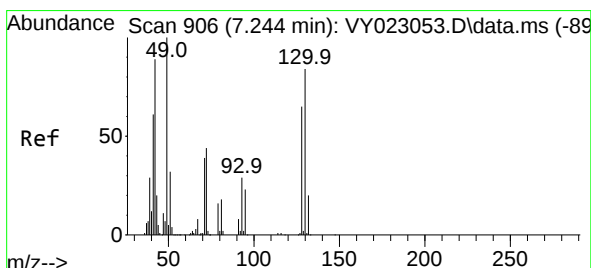
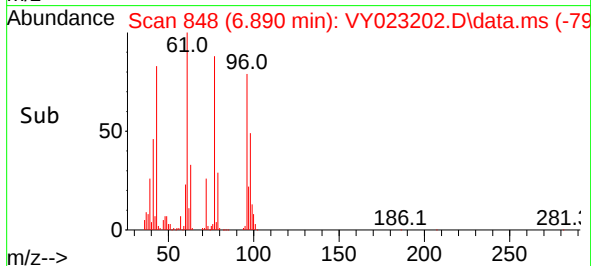
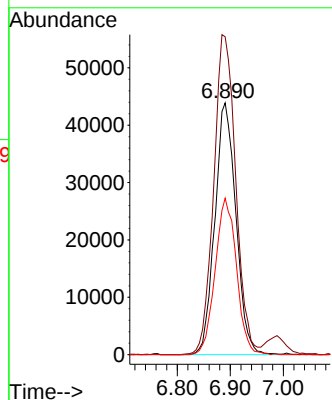
Tgt Ion: 96 Resp: 121479

Ion Ratio Lower Upper

96 100

61 132.3 0.0 278.6

98 62.7 0.0 130.4



#28

Bromochloromethane

Concen: 19.881 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

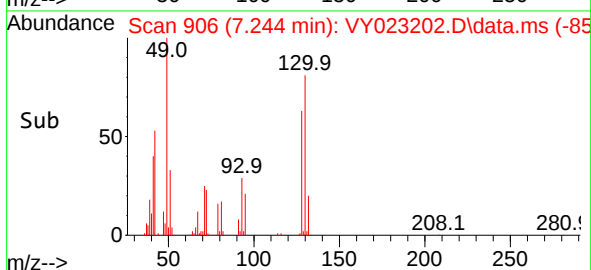
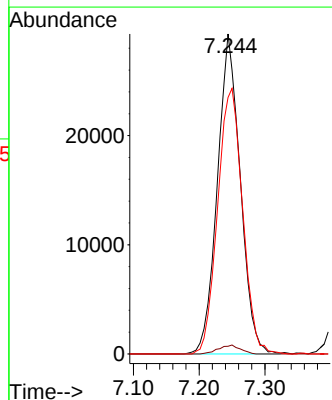
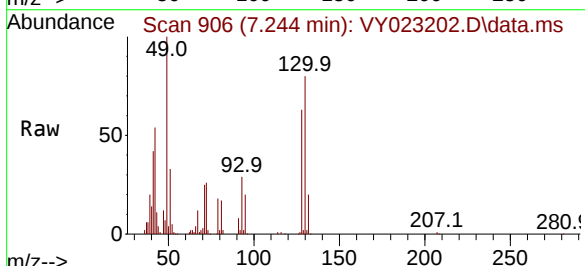
Tgt Ion: 49 Resp: 70925

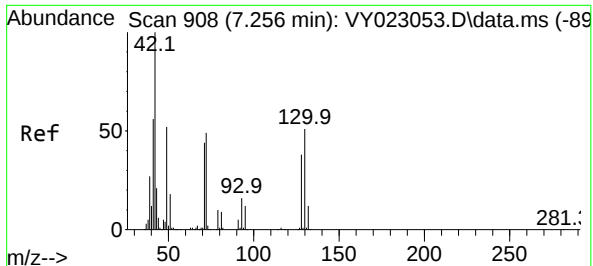
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 90.1 66.4 99.6





#29

Tetrahydrofuran

Concen: 89.894 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

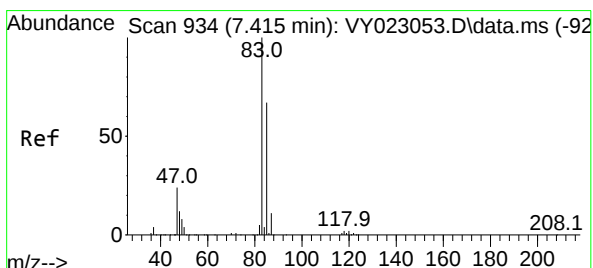
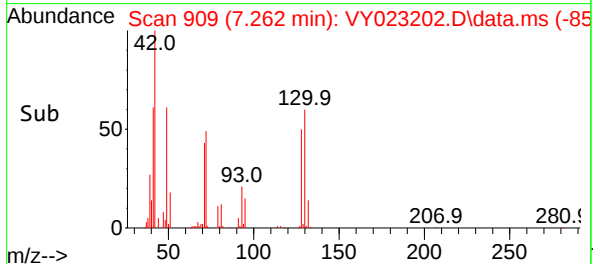
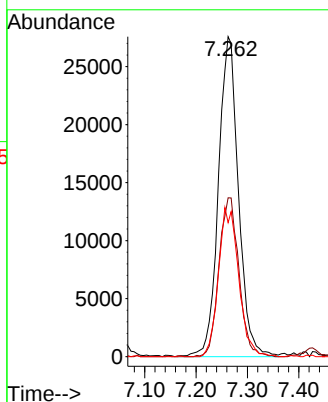
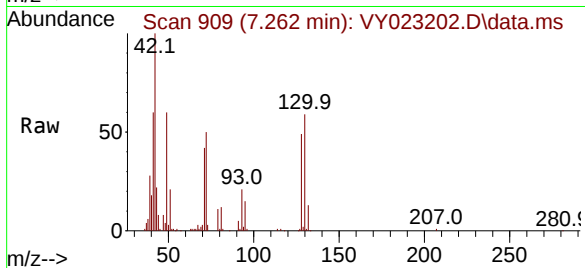
Tgt Ion: 42 Resp: 74691

Ion Ratio Lower Upper

42 100

72 49.5 39.4 59.2

71 47.1 36.5 54.7



#30

Chloroform

Concen: 20.434 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023202.D

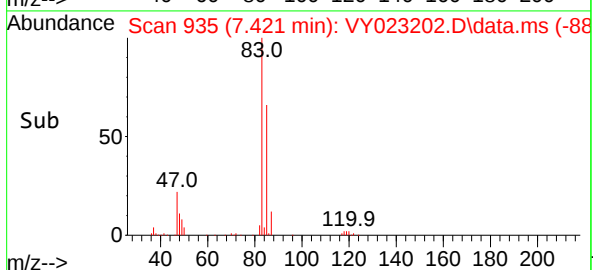
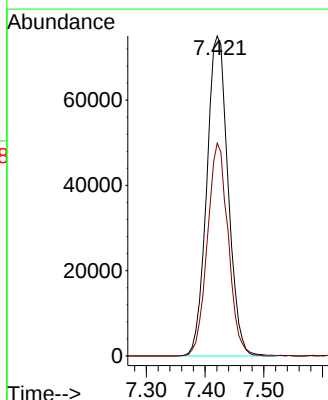
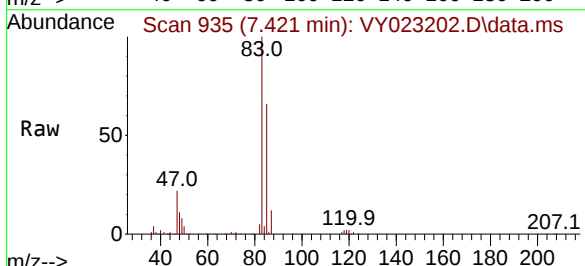
Acq: 25 Aug 2025 10:09

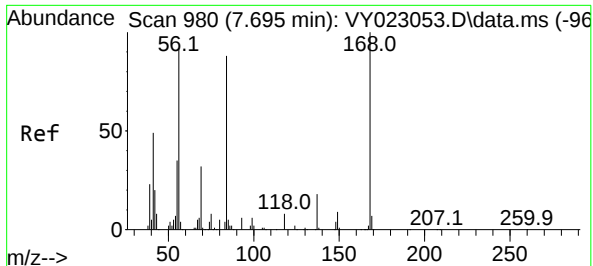
Tgt Ion: 83 Resp: 189500

Ion Ratio Lower Upper

83 100

85 66.4 53.8 80.8

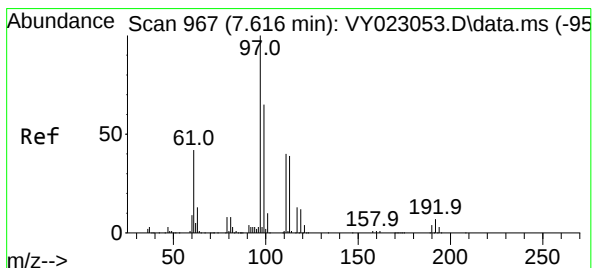
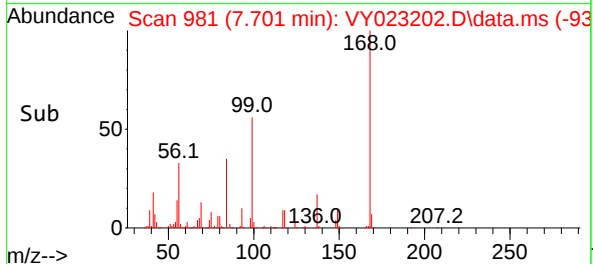
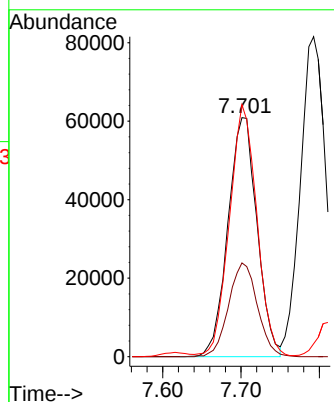
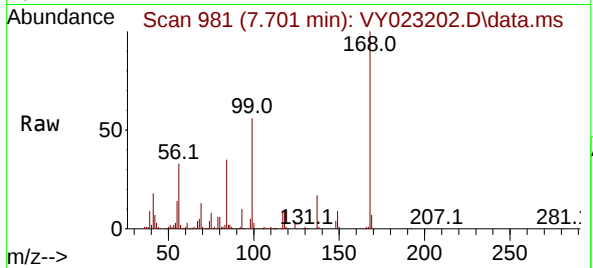




#31
Cyclohexane
Concen: 18.565 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

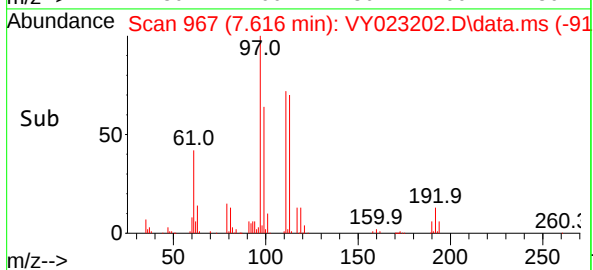
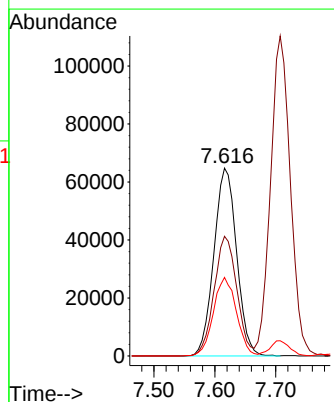
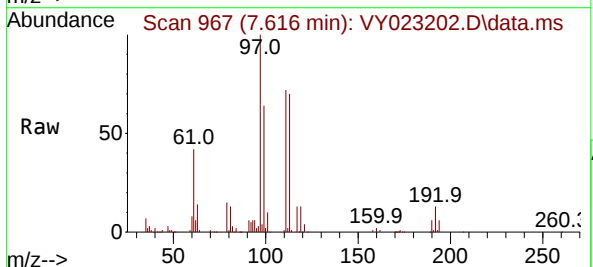
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 157311
Ion Ratio Lower Upper
56 100
69 39.3 28.2 42.2
84 103.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.387 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 97 Resp: 167760
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 42.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.647 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

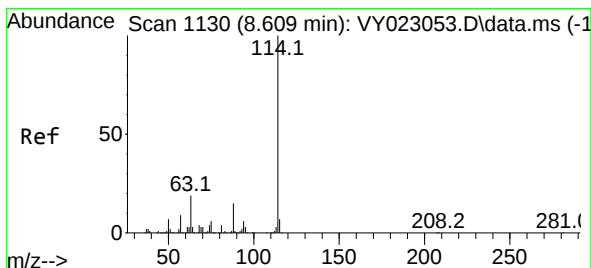
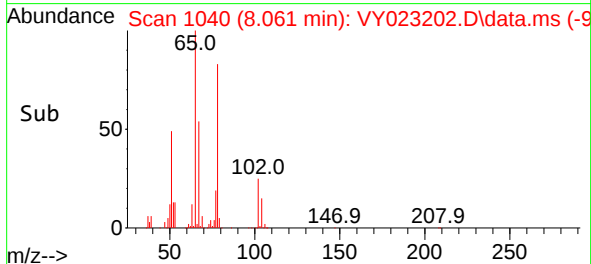
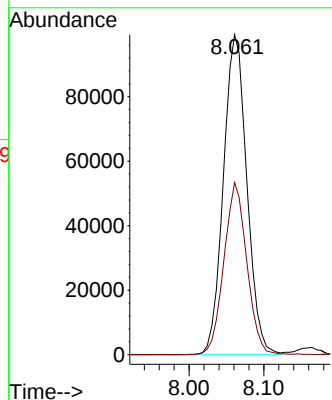
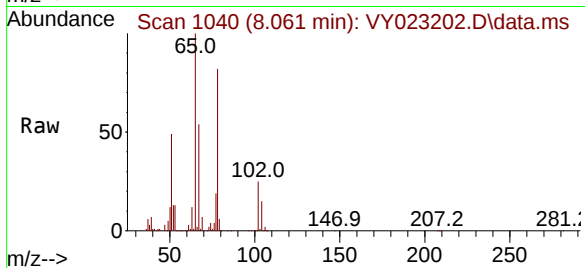
ClientSampleId :

Tgt Ion: 65 Resp: 216760

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

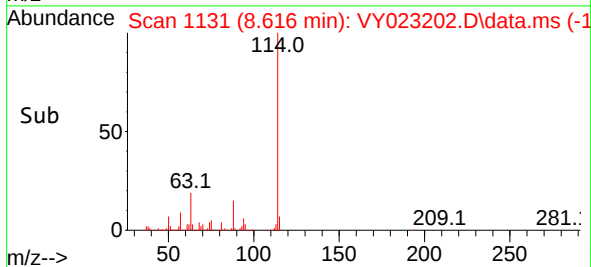
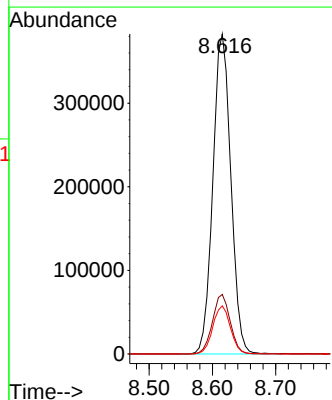
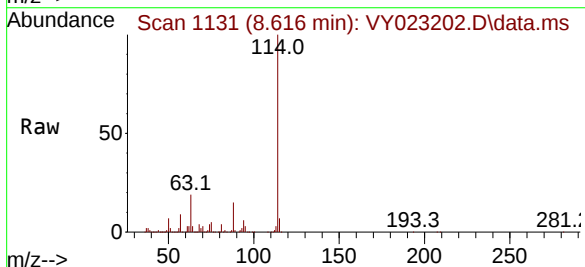
Tgt Ion:114 Resp: 754067

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.0 0.0 30.0

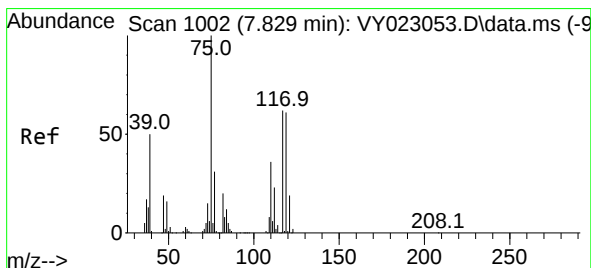
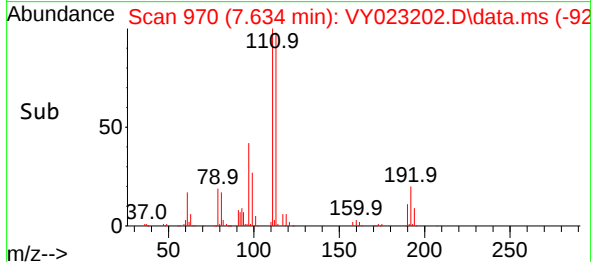
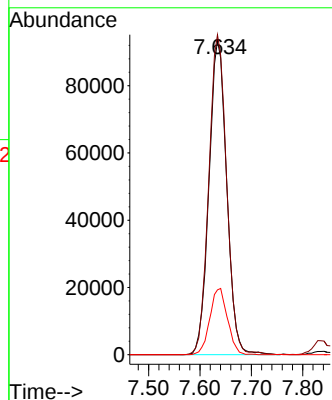
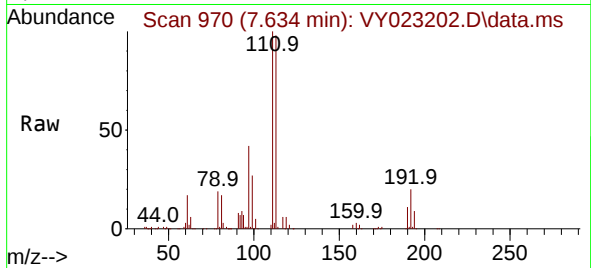




#35
Dibromofluoromethane
Concen: 49.610 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

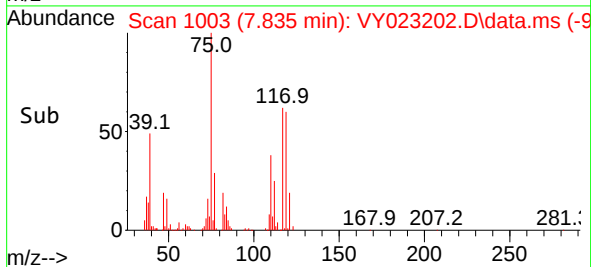
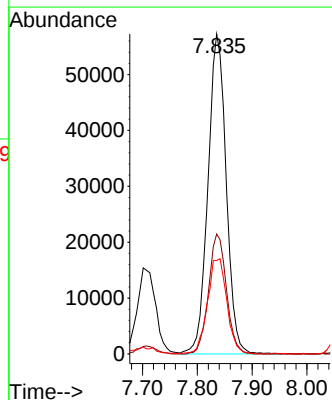
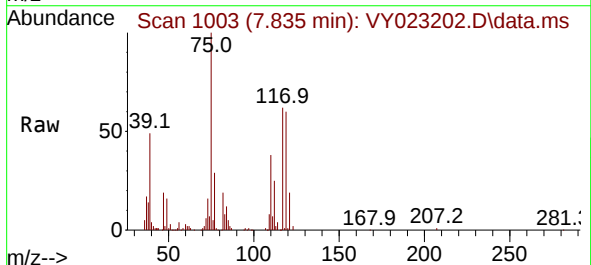
Instrument :
MSVOA_Y
ClientSampleId :

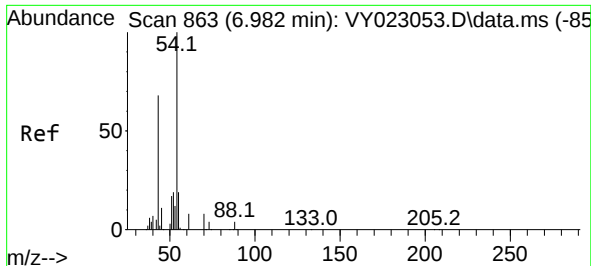
Tgt Ion:113 Resp: 223844
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 21.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.736 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 75 Resp: 132339
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.4
77 31.9 24.6 37.0





#37

Ethyl Acetate

Concen: 19.019 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

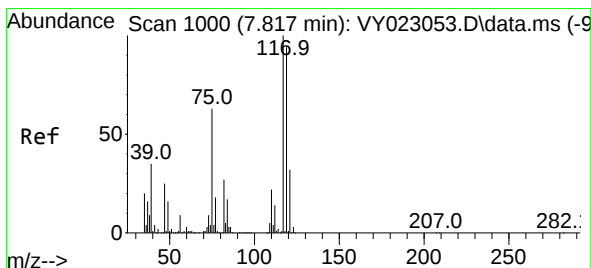
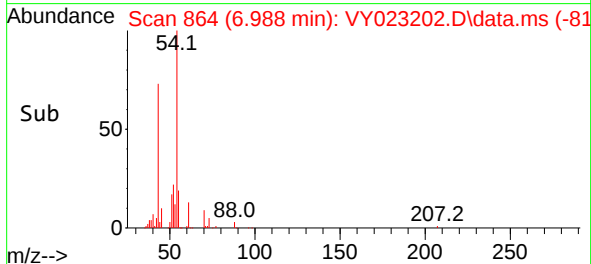
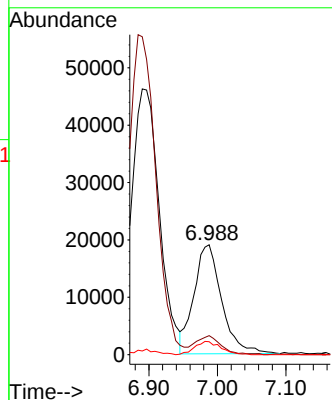
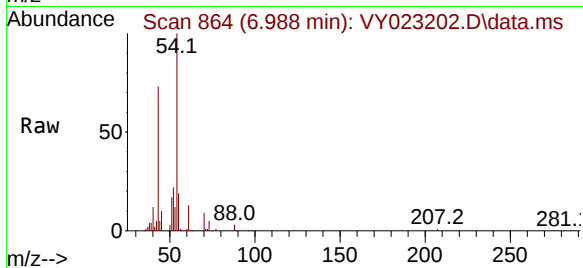
Tgt Ion: 43 Resp: 53573

Ion Ratio Lower Upper

43 100

61 16.6 11.9 17.9

70 11.3 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.592 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

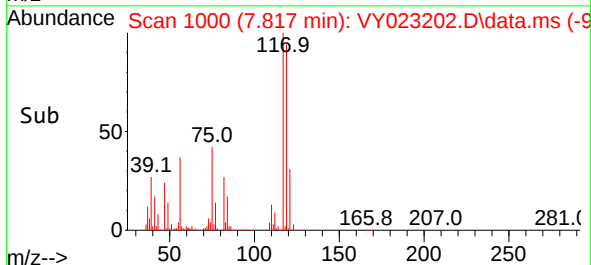
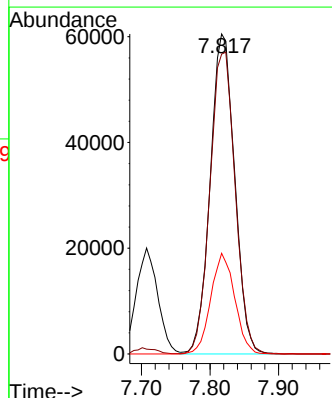
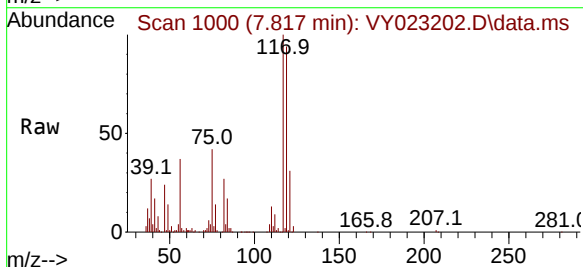
Tgt Ion: 117 Resp: 149972

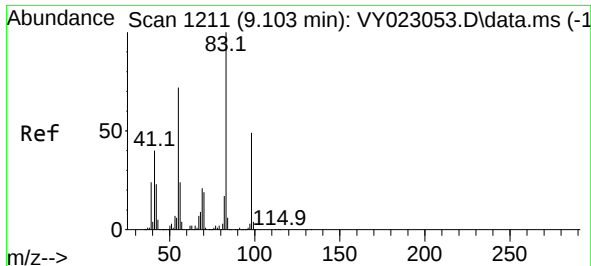
Ion Ratio Lower Upper

117 100

119 93.6 75.6 113.4

121 31.4 25.8 38.8





#39

Methylcyclohexane

Concen: 19.308 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

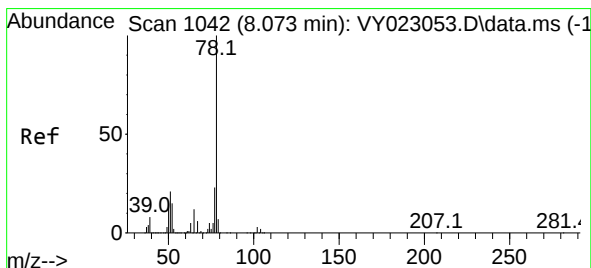
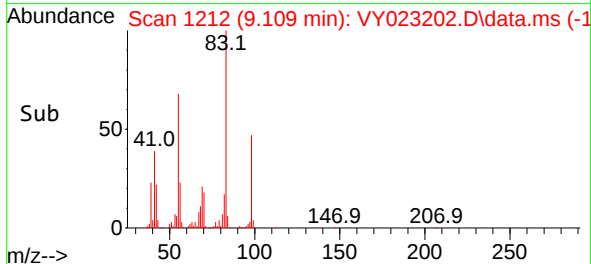
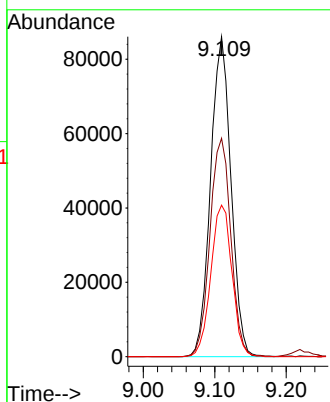
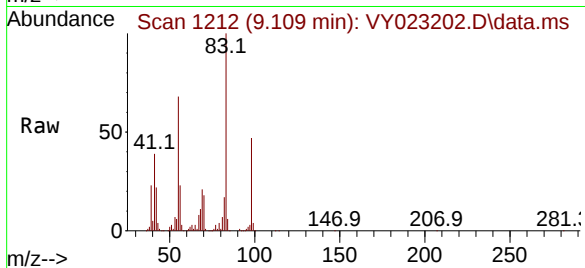
Tgt Ion: 83 Resp: 170496

Ion Ratio Lower Upper

83 100

55 68.2 57.6 86.4

98 47.3 39.2 58.8



#40

Benzene

Concen: 20.354 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023202.D

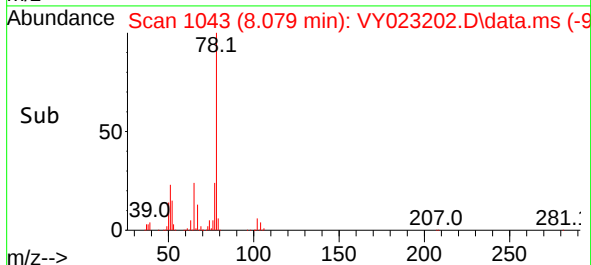
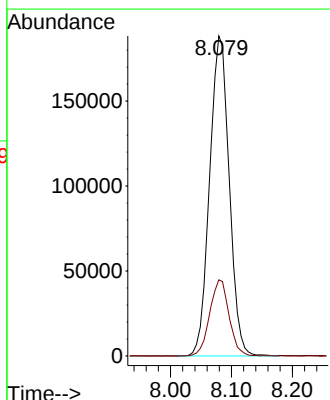
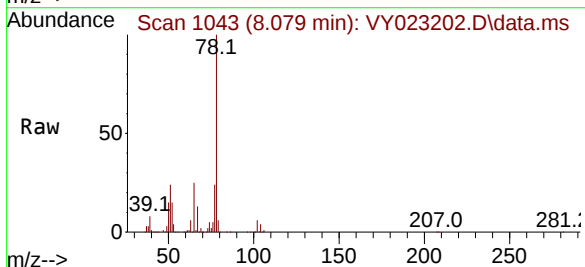
Acq: 25 Aug 2025 10:09

Tgt Ion: 78 Resp: 420664

Ion Ratio Lower Upper

78 100

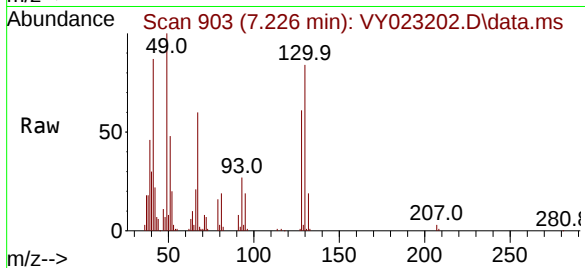
77 23.8 18.6 28.0



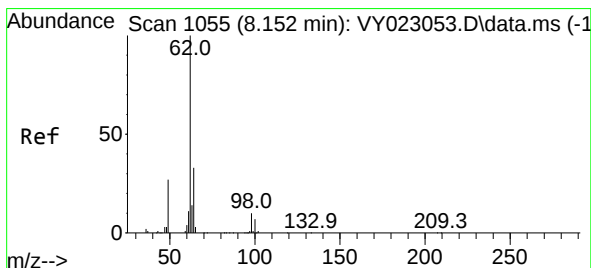
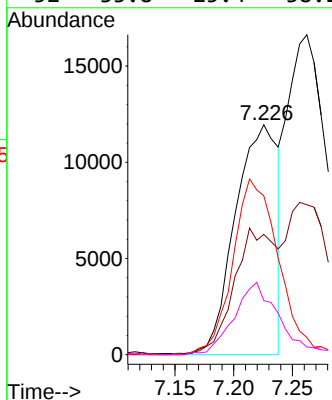
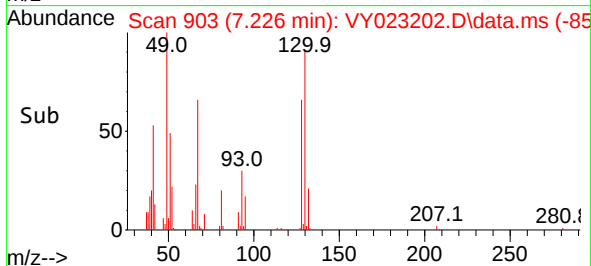


#41
Methacrylonitrile
Concen: 18.537 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :

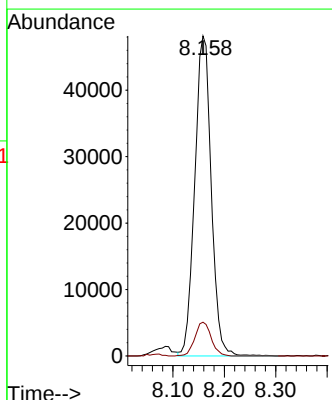
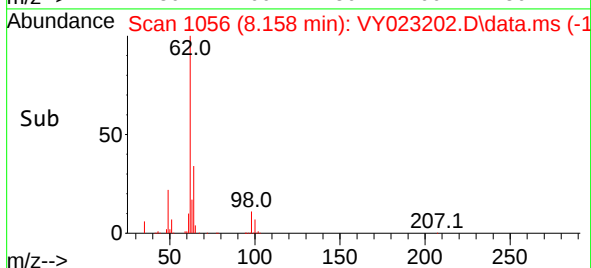
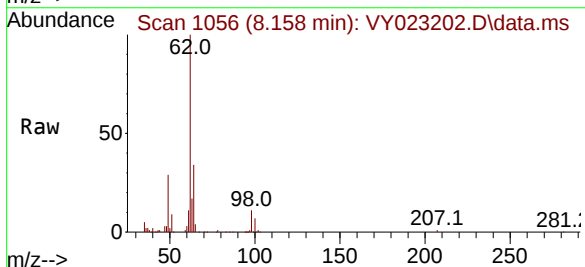


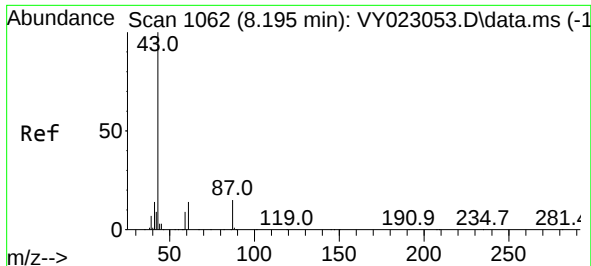
Tgt Ion:	41	Resp:	30135
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.4	65.2
67	83.1	63.6	95.4
52	33.8	25.4	38.2



#42
1,2-Dichloroethane
Concen: 19.977 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion:	62	Resp:	107382
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6

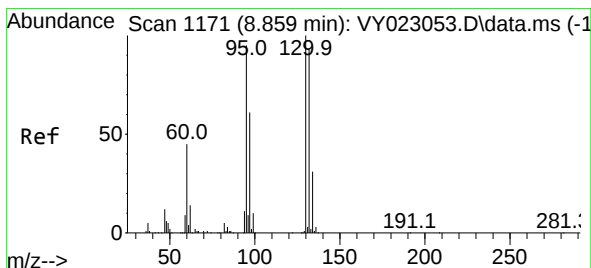
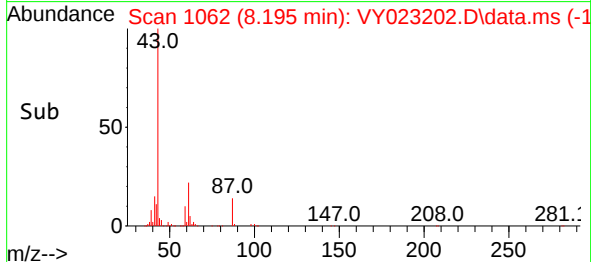
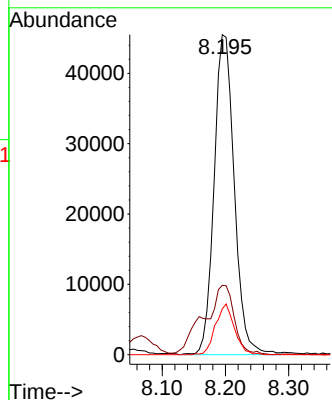
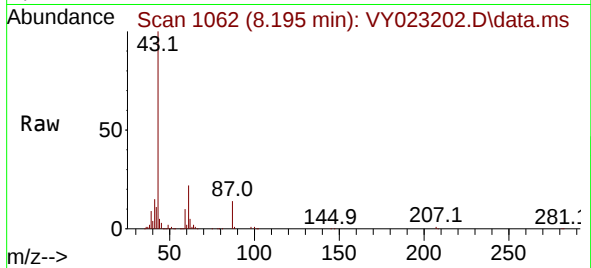




#43
Isopropyl Acetate
Concen: 17.721 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

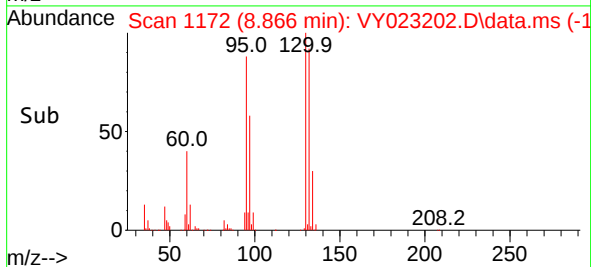
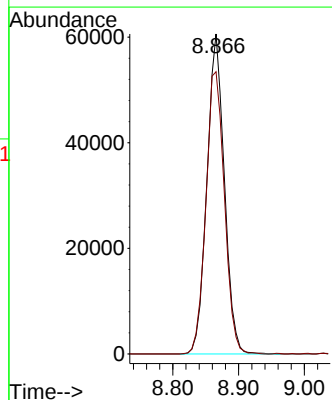
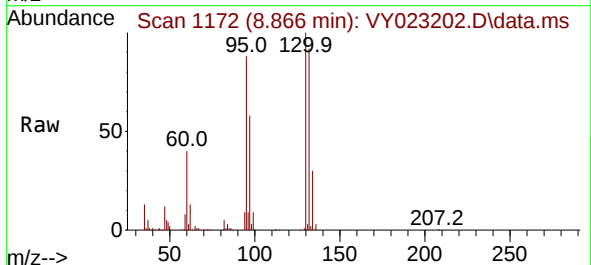
Instrument :
MSVOA_Y
ClientSampleId :

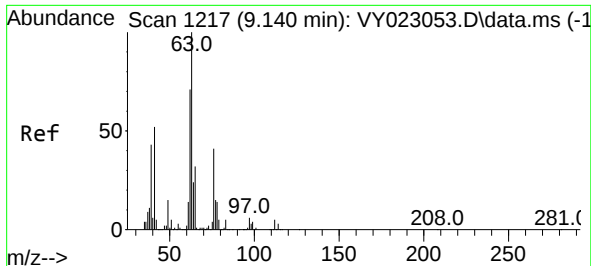
Tgt Ion: 43 Resp: 100892
Ion Ratio Lower Upper
43 100
61 32.7 16.4 24.6#
87 14.8 11.8 17.6



#44
Trichloroethene
Concen: 20.922 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion:130 Resp: 111746
Ion Ratio Lower Upper
130 100
95 88.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.304 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

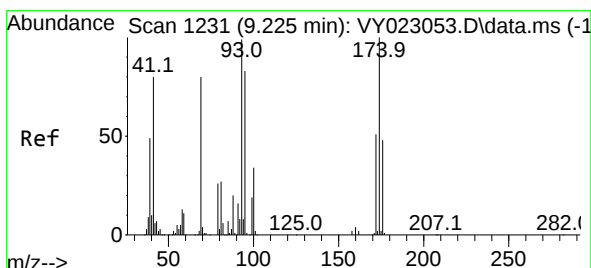
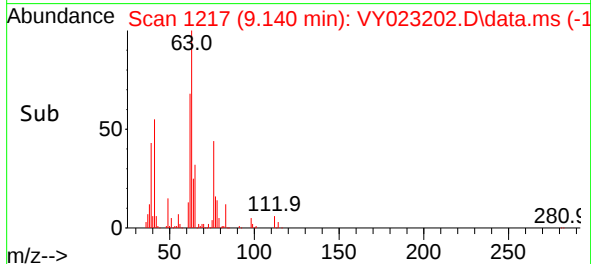
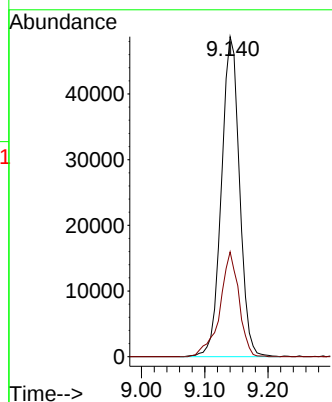
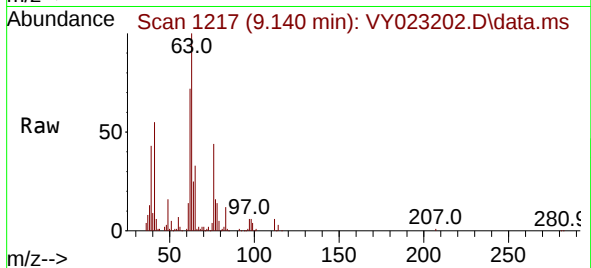
ClientSampleId :

Tgt Ion: 63 Resp: 96556

Ion Ratio Lower Upper

63 100

65 32.7 25.3 37.9



#46

Dibromomethane

Concen: 20.481 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

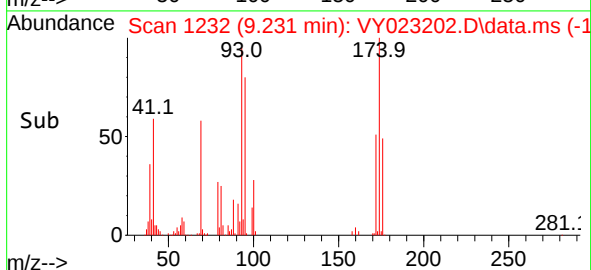
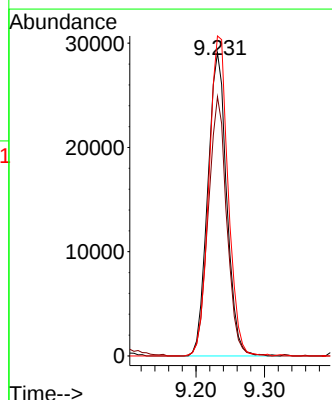
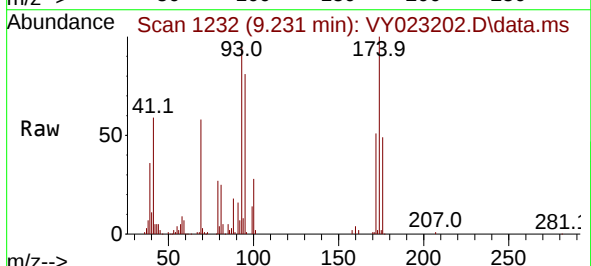
Tgt Ion: 93 Resp: 55902

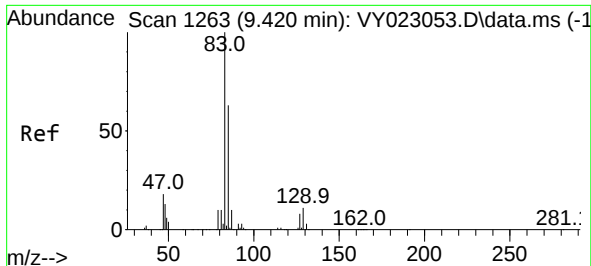
Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

174 107.0 81.8 122.8

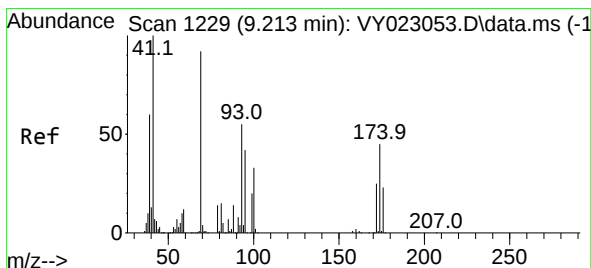
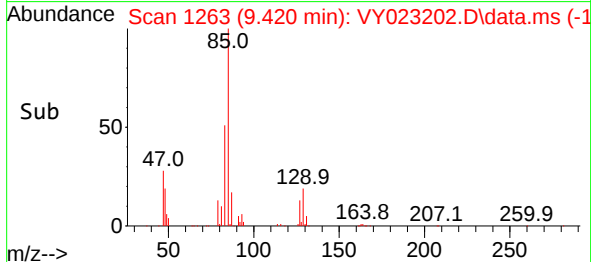
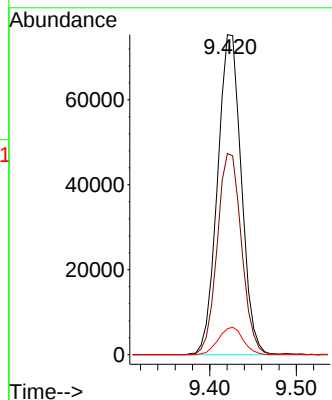
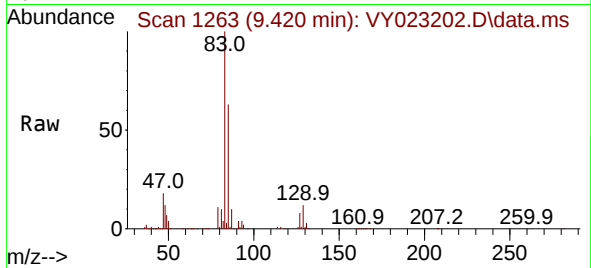




#47
Bromodichloromethane
Concen: 20.492 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

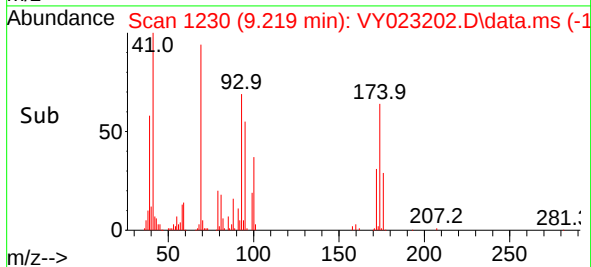
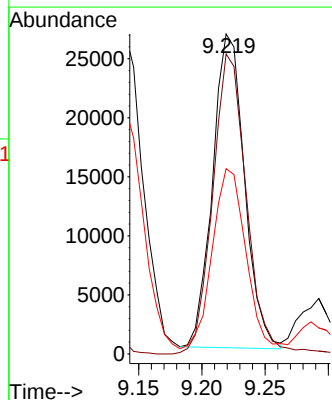
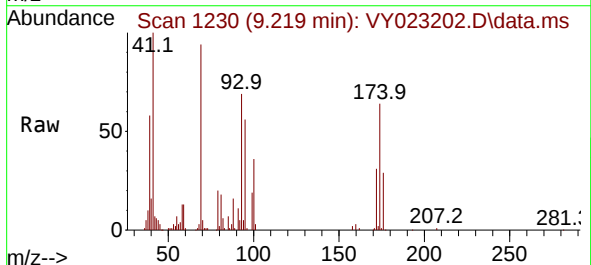
Instrument :
MSVOA_Y
ClientSampleId :

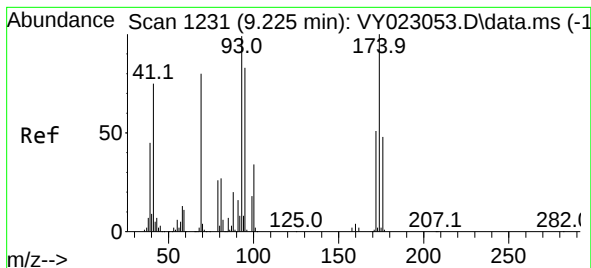
Tgt Ion: 83 Resp: 143924
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 17.111 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 41 Resp: 46617
Ion Ratio Lower Upper
41 100
69 101.0 73.2 109.8
39 60.6 47.0 70.4





#49

1,4-Dioxane

Concen: 383.517 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

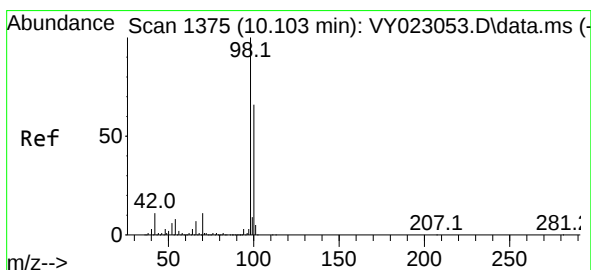
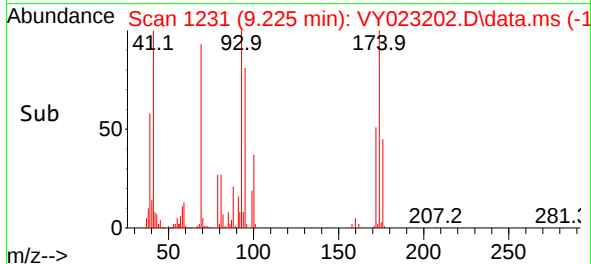
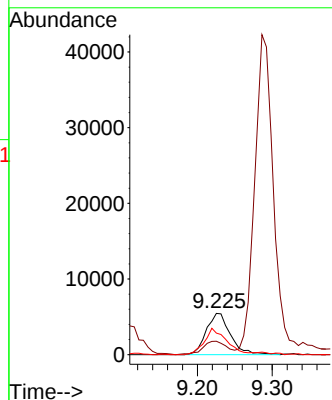
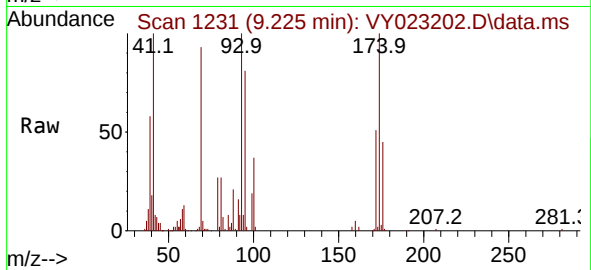
Tgt Ion: 88 Resp: 12274

Ion Ratio Lower Upper

88 100

43 32.4 24.3 36.5

58 58.0 55.4 83.0



#50

Toluene-d8

Concen: 48.712 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023202.D

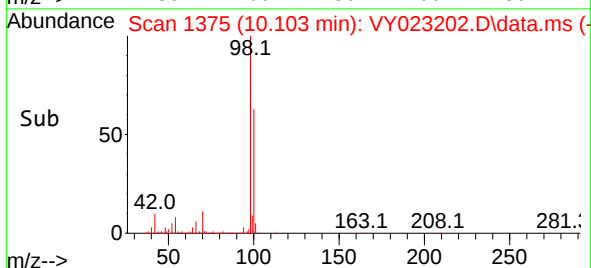
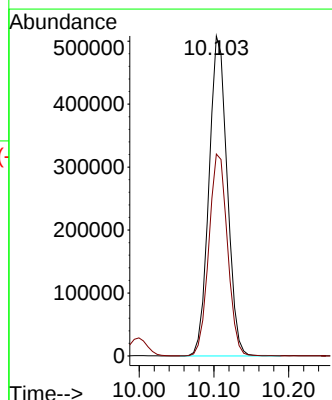
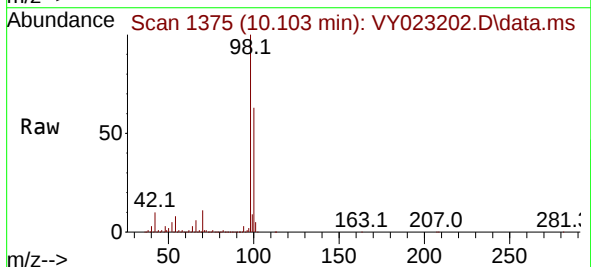
Acq: 25 Aug 2025 10:09

Tgt Ion: 98 Resp: 858635

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5

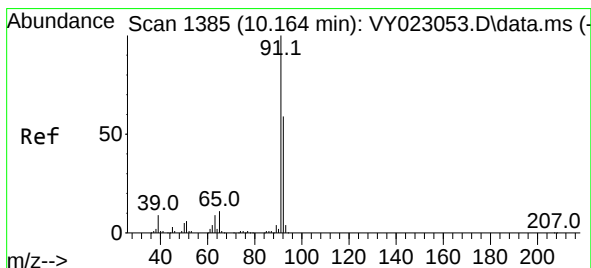
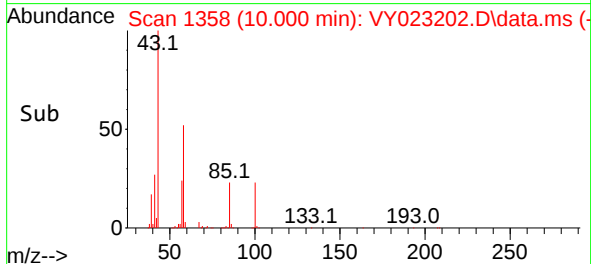
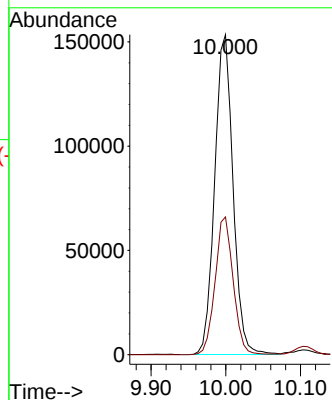
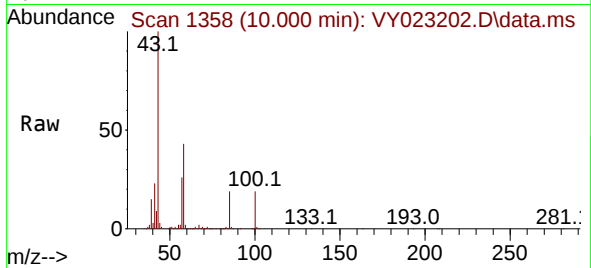




#51
4-Methyl-2-Pentanone
Concen: 89.084 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

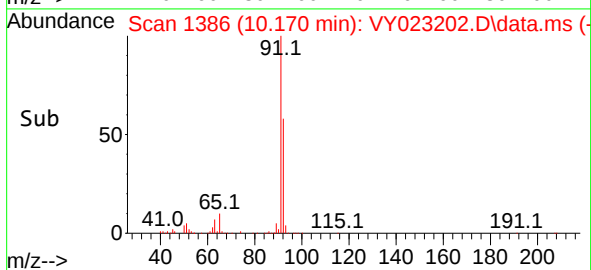
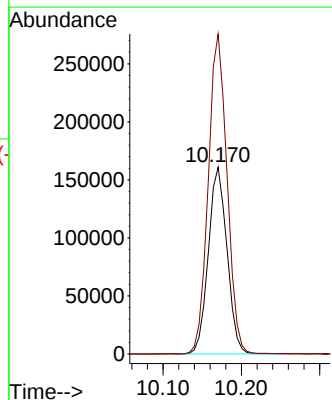
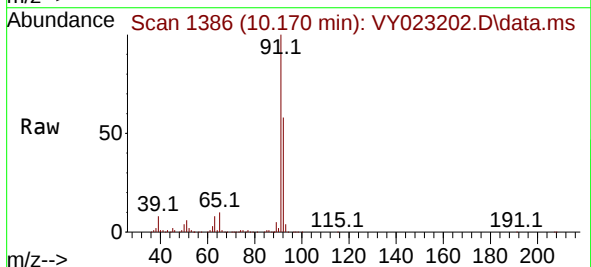
Instrument :
MSVOA_Y
ClientSampleId :

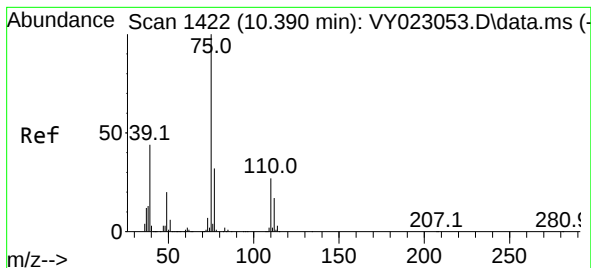
Tgt Ion: 43 Resp: 261619
Ion Ratio Lower Upper
43 100
58 42.5 33.5 50.3



#52
Toluene
Concen: 20.257 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 92 Resp: 265906
Ion Ratio Lower Upper
92 100
91 172.9 136.4 204.6

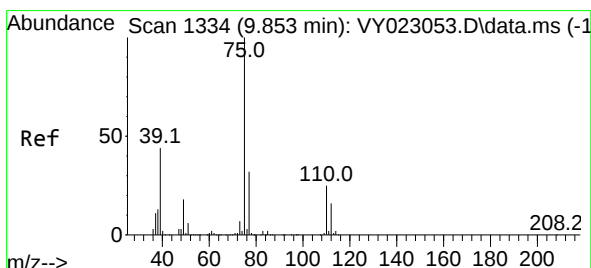
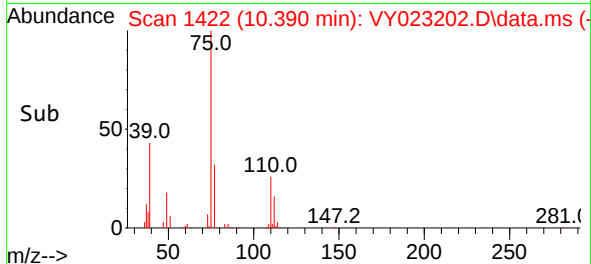
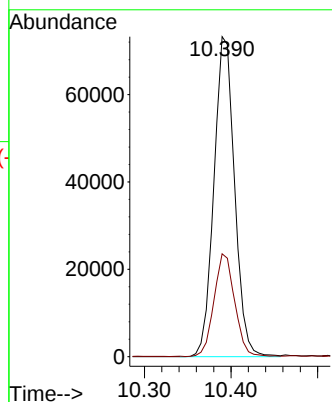
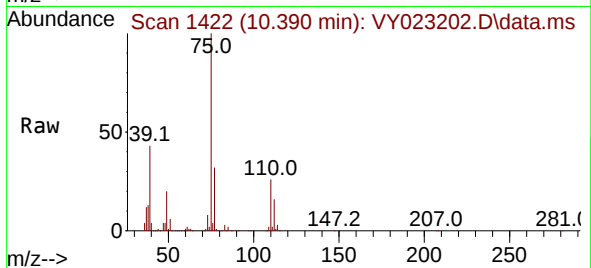




#53
t-1,3-Dichloropropene
Concen: 19.104 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

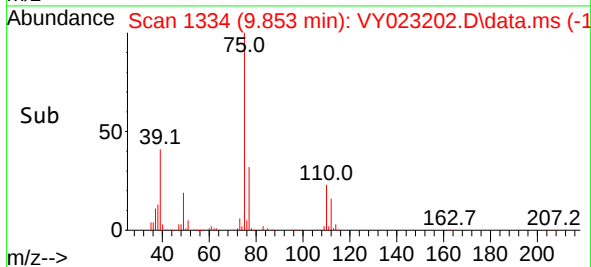
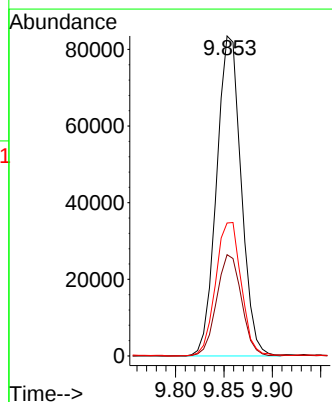
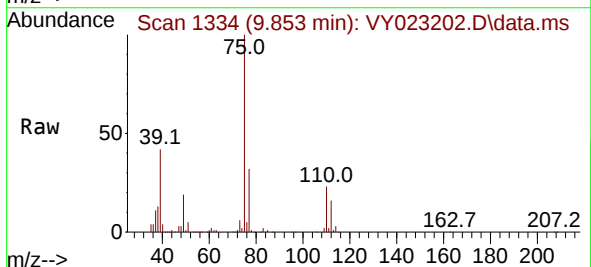
Instrument :
MSVOA_Y
ClientSampleId :

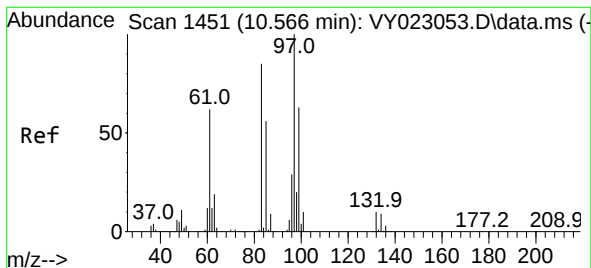
Tgt Ion: 75 Resp: 121499
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 19.631 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 75 Resp: 147632
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 41.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 20.362 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 74369

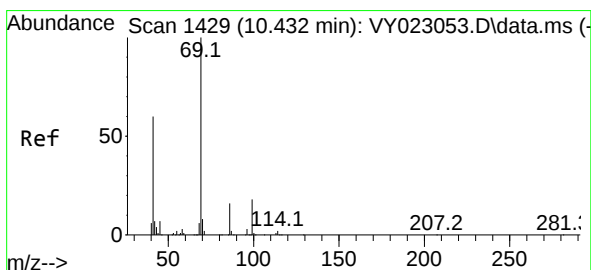
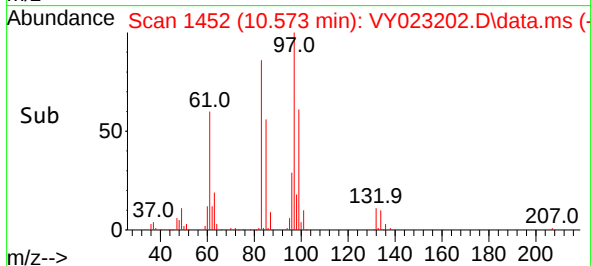
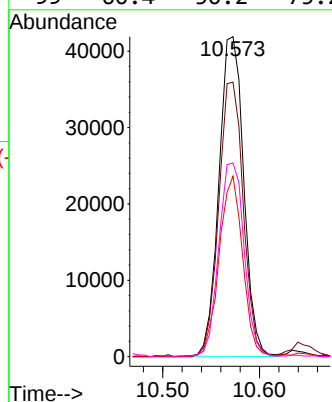
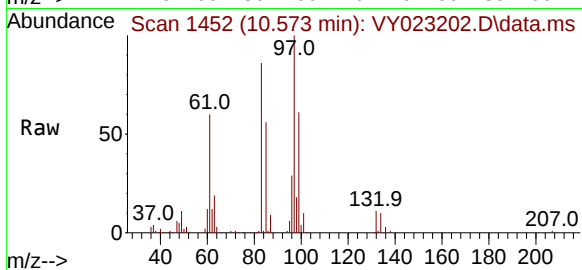
Ion Ratio Lower Upper

97 100

83 85.9 67.7 101.5

85 56.5 44.5 66.7

99 60.4 50.2 75.2



#56

Ethyl methacrylate

Concen: 17.990 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

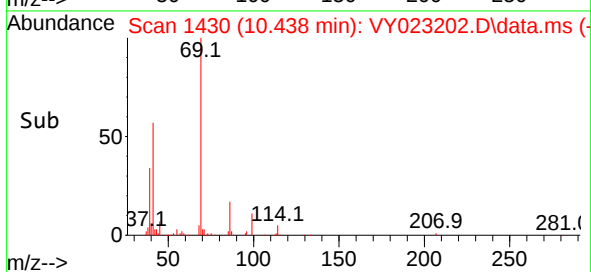
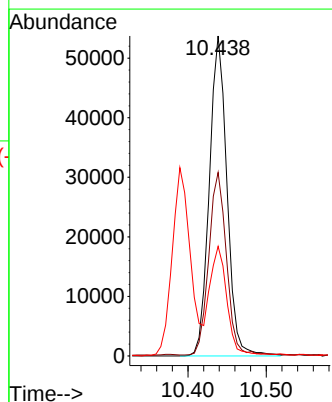
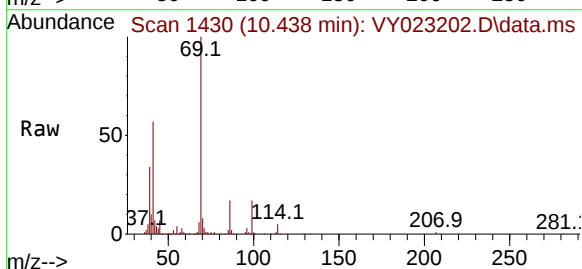
Tgt Ion: 69 Resp: 84076

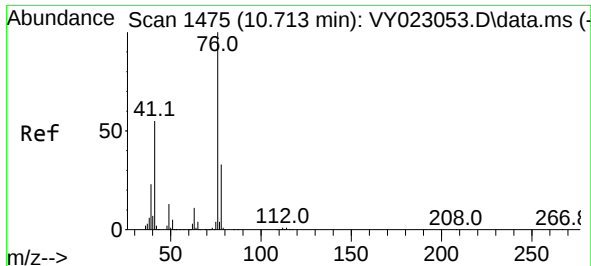
Ion Ratio Lower Upper

69 100

41 57.2 48.6 72.8

39 32.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.751 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

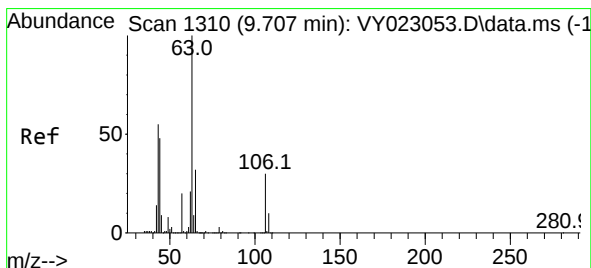
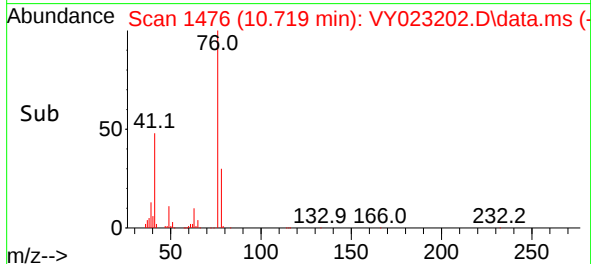
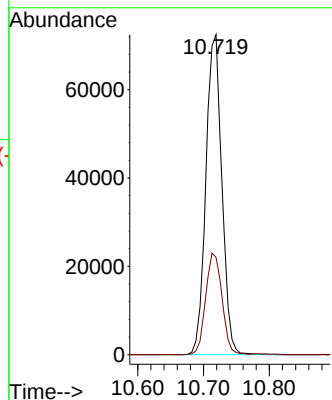
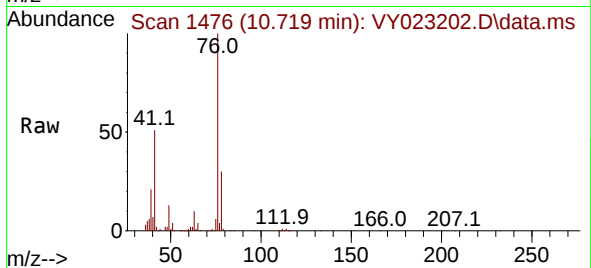
ClientSampleId :

Tgt Ion: 76 Resp: 122339

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.473 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023202.D

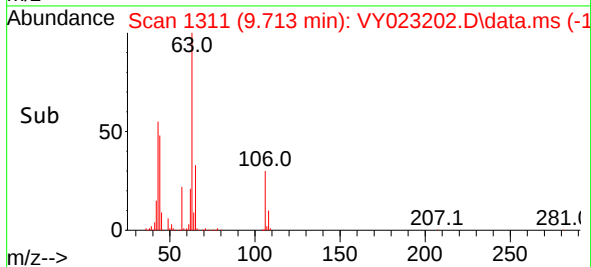
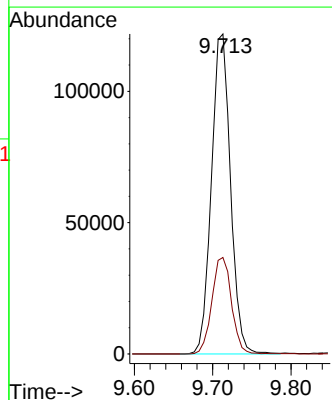
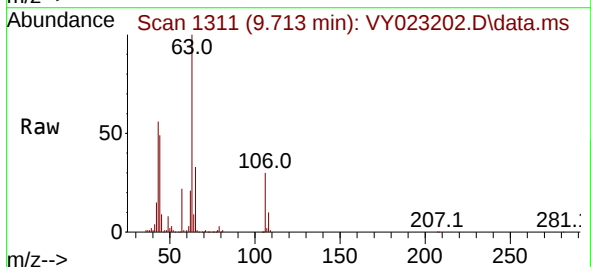
Acq: 25 Aug 2025 10:09

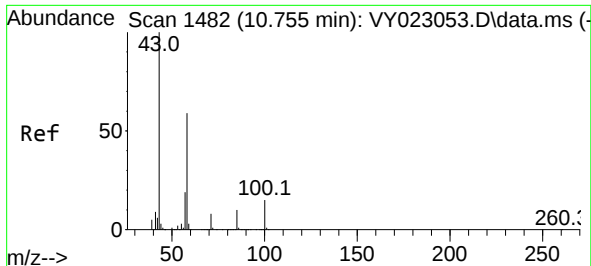
Tgt Ion: 63 Resp: 206059

Ion Ratio Lower Upper

63 100

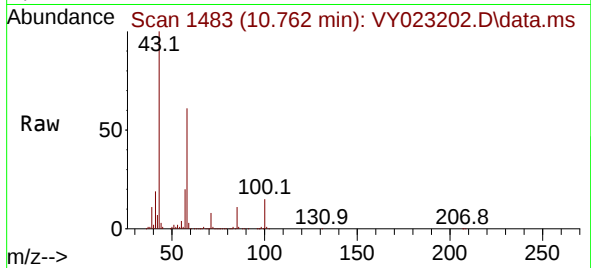
106 31.0 23.2 34.8



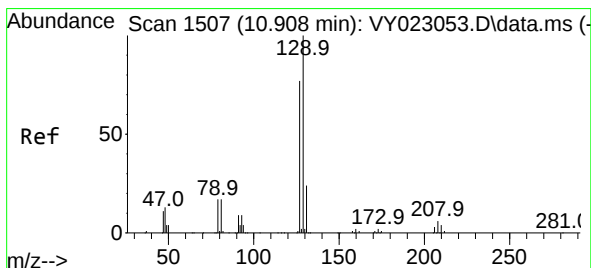
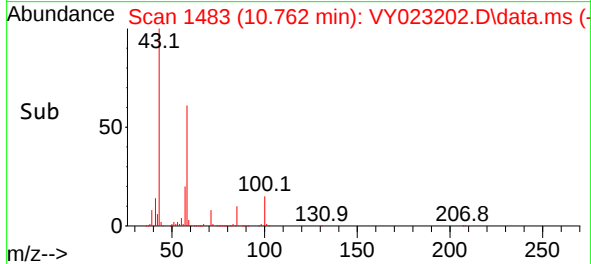
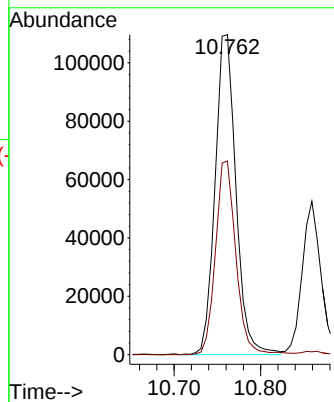


#59
2-Hexanone
Concen: 91.916 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :

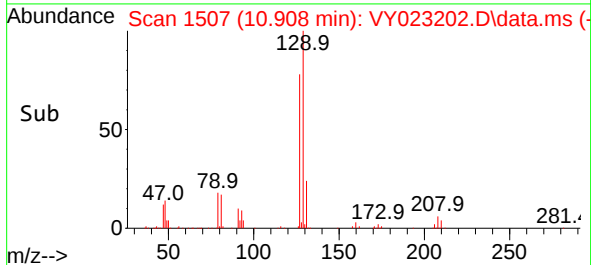
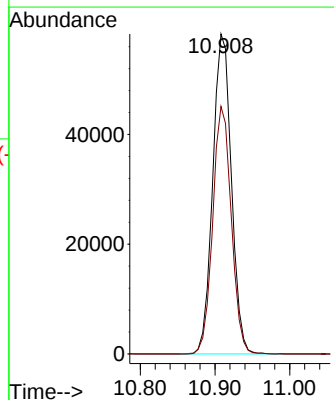
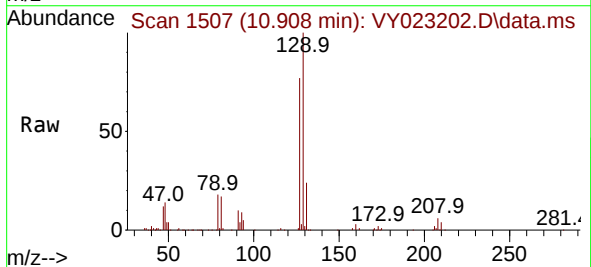


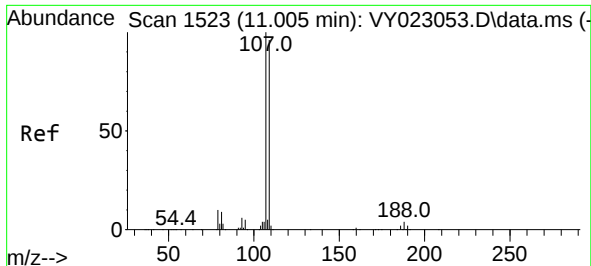
Tgt Ion: 43 Resp: 183808
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 20.901 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 129 Resp: 100724
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.053 ug/l

RT: 11.012 min Scan# 1524

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

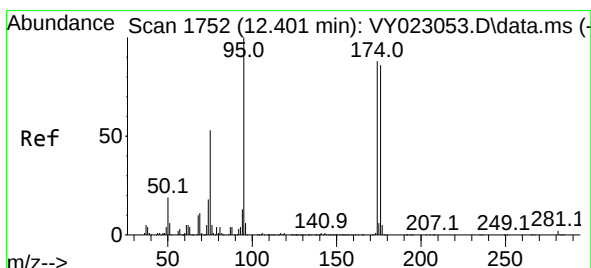
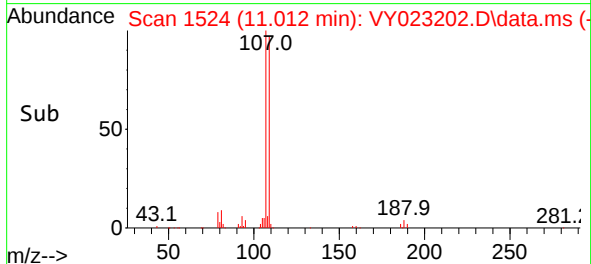
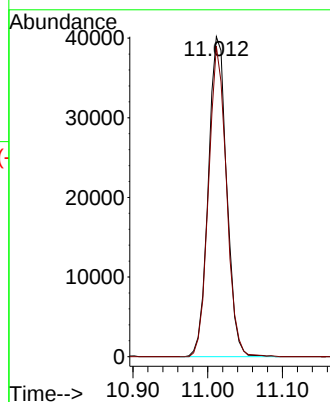
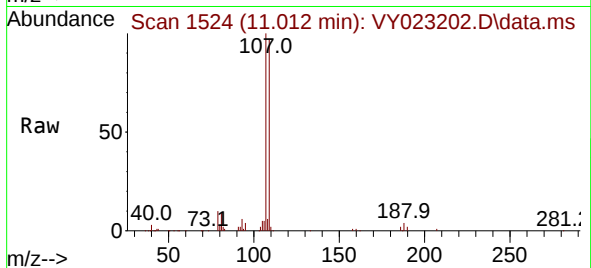
ClientSampleId :

Tgt Ion:107 Resp: 68836

Ion Ratio Lower Upper

107 100

109 94.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 47.522 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

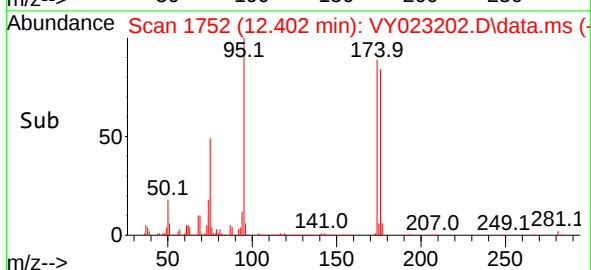
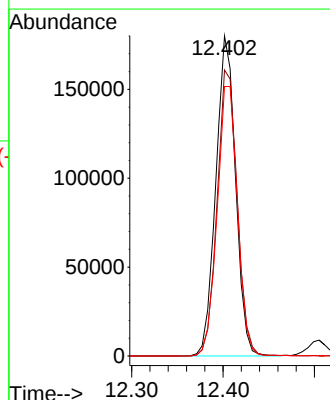
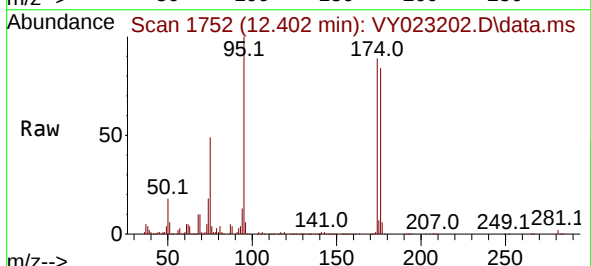
Tgt Ion: 95 Resp: 269390

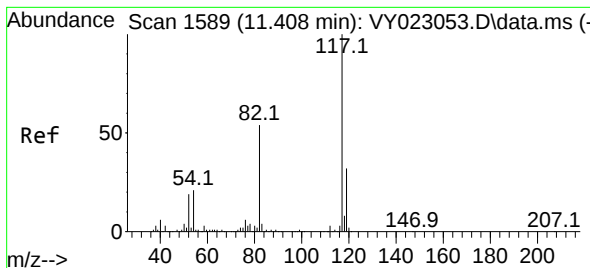
Ion Ratio Lower Upper

95 100

174 91.3 0.0 171.6

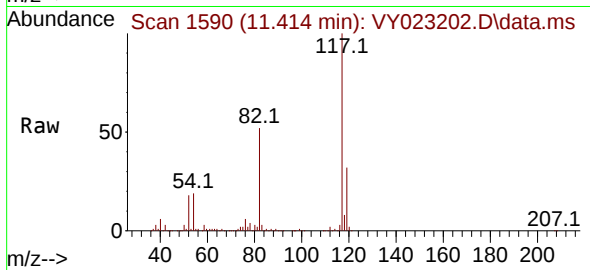
176 87.5 0.0 167.6



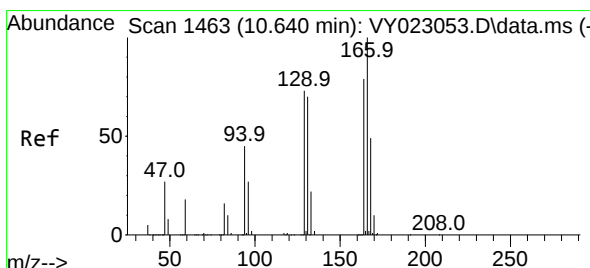
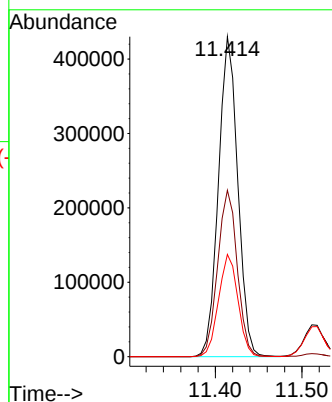
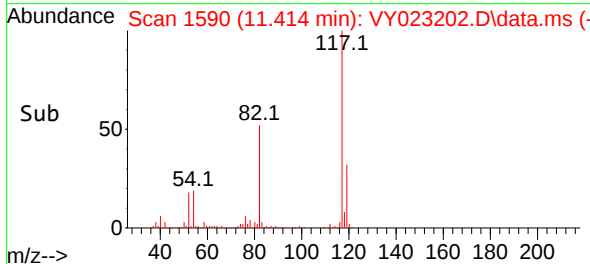


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

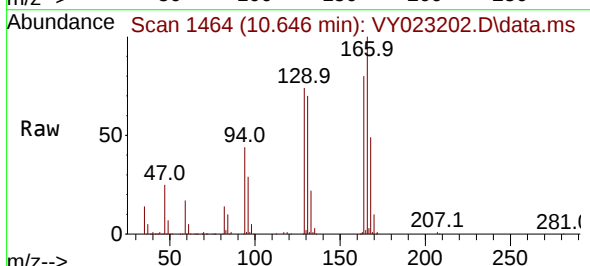
Instrument :
MSVOA_Y
ClientSampleId :



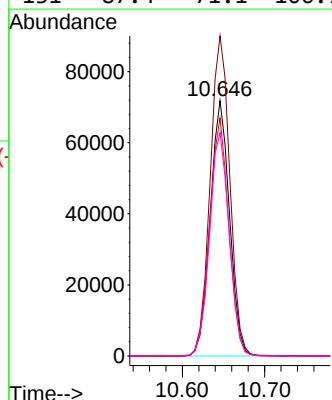
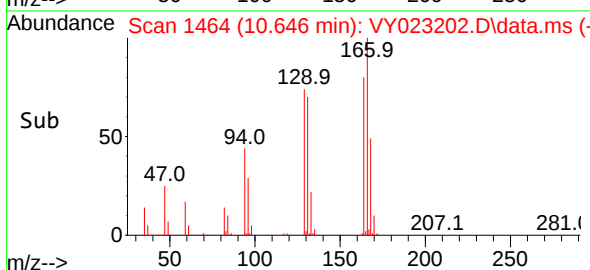
Tgt Ion:117 Resp: 667244
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 32.0 25.6 38.4

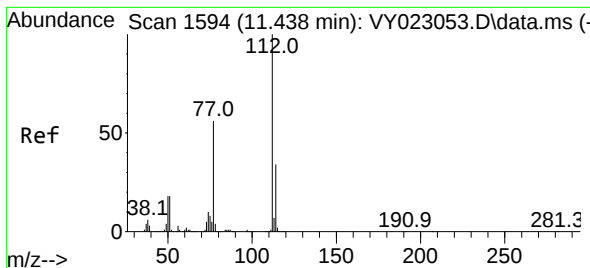


#64
Tetrachloroethene
Concen: 19.649 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



Tgt Ion:164 Resp: 117071
Ion Ratio Lower Upper
164 100
166 125.3 101.1 151.7
129 93.2 74.0 111.0
131 87.4 71.1 106.7





#65

Chlorobenzene

Concen: 20.556 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

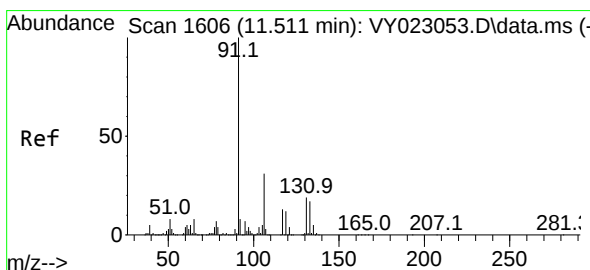
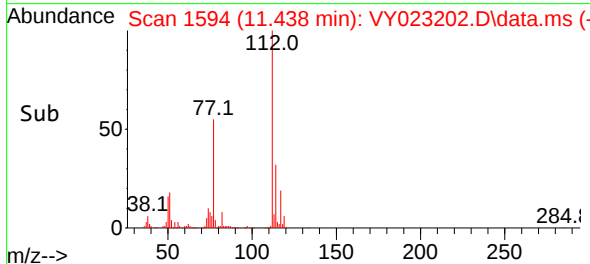
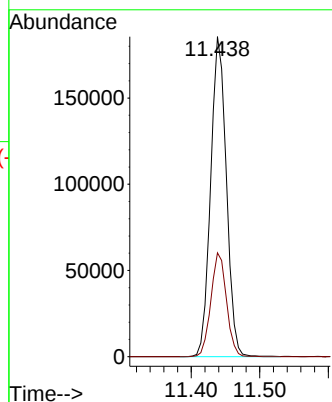
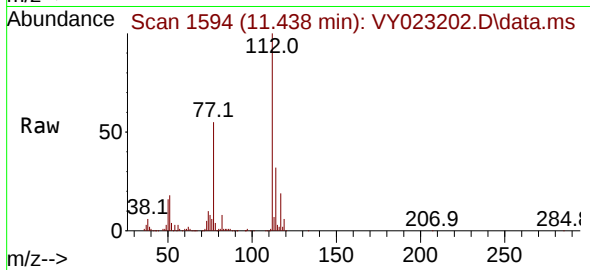
ClientSampleId :

Tgt Ion:112 Resp: 295846

Ion Ratio Lower Upper

112 100

114 32.4 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.616 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

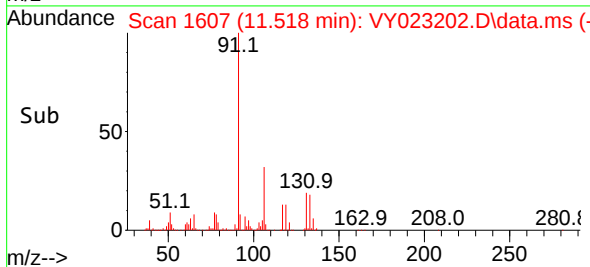
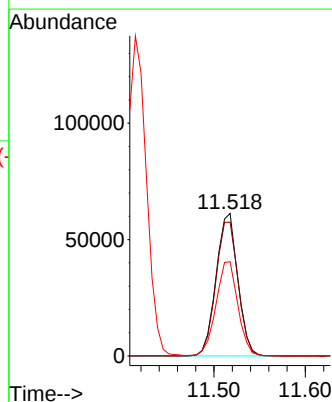
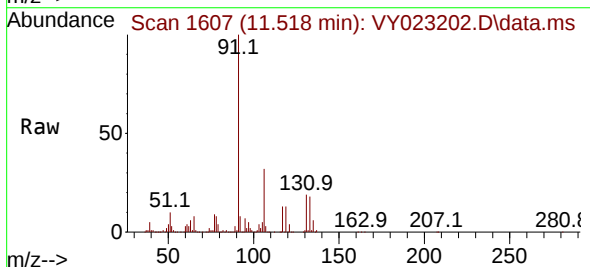
Tgt Ion:131 Resp: 100703

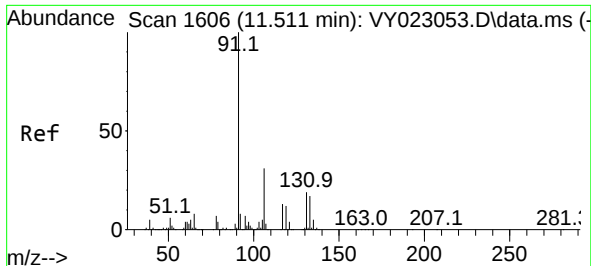
Ion Ratio Lower Upper

131 100

133 97.0 46.9 140.6

119 67.1 33.2 99.6





#67

Ethyl Benzene

Concen: 19.626 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

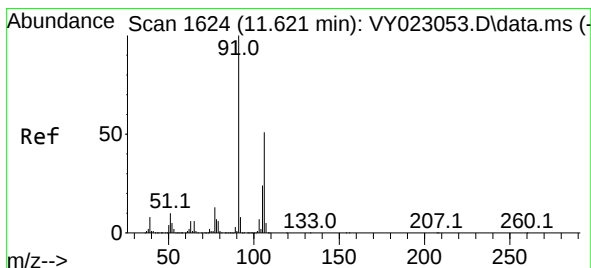
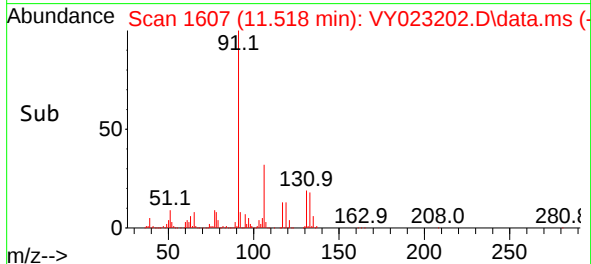
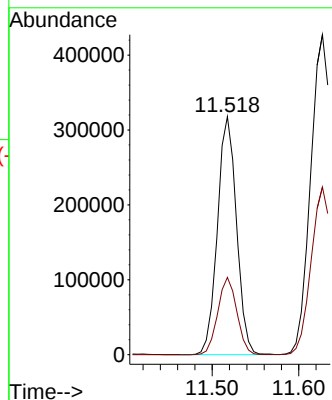
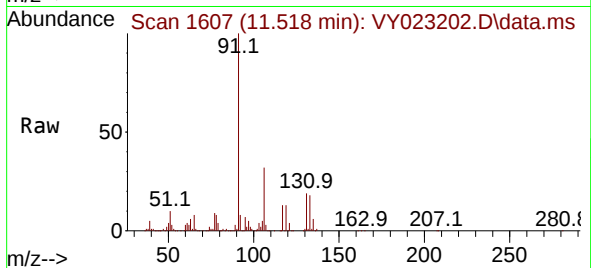
ClientSampleId :

Tgt Ion: 91 Resp: 486109

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.4



#68

m/p-Xylenes

Concen: 40.384 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023202.D

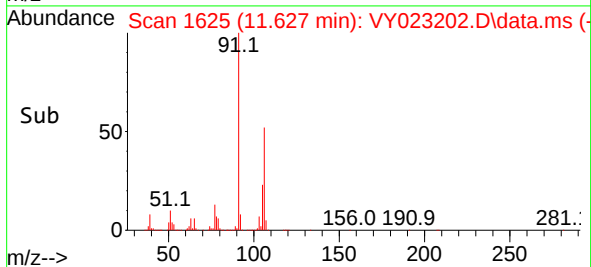
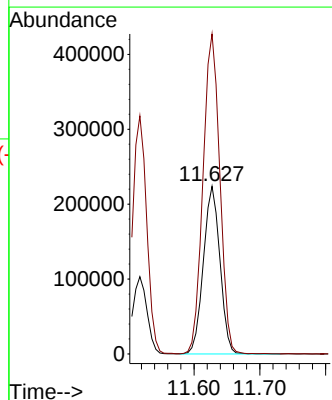
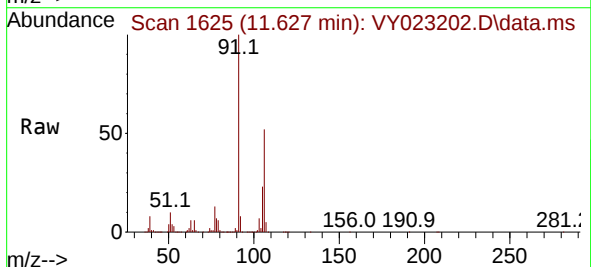
Acq: 25 Aug 2025 10:09

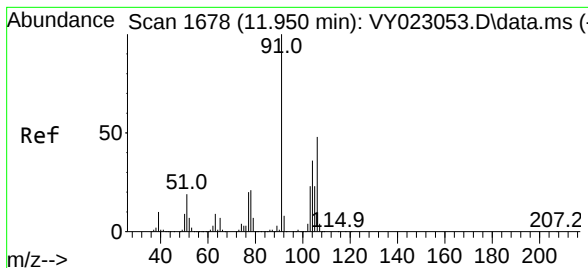
Tgt Ion:106 Resp: 390655

Ion Ratio Lower Upper

106 100

91 194.0 158.6 238.0

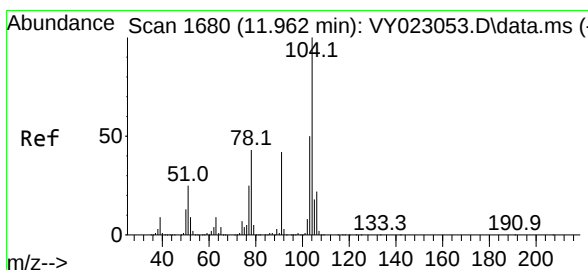
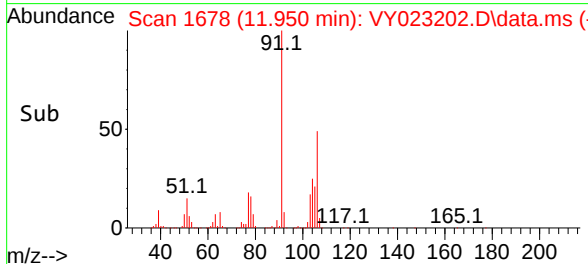
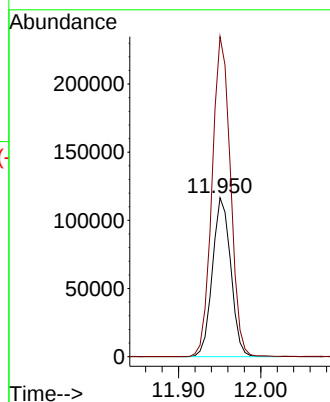
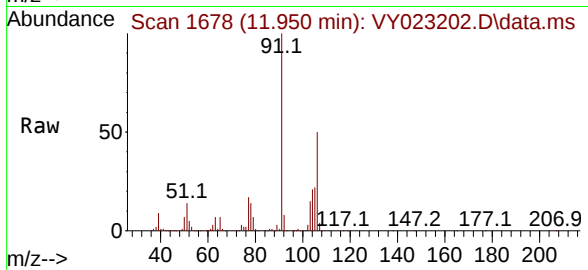




#69
o-Xylene
Concen: 19.886 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

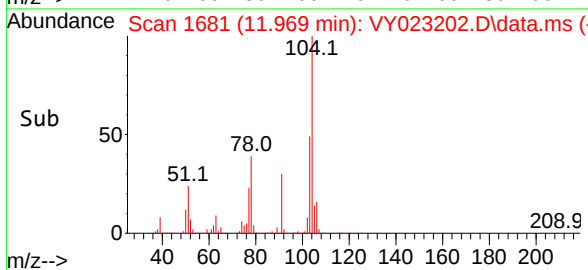
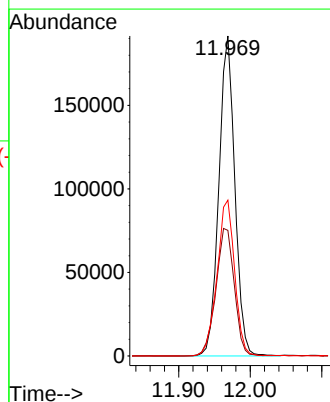
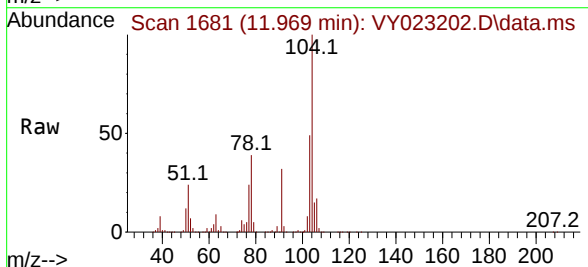
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 180171
Ion Ratio Lower Upper
106 100
91 202.4 103.2 309.4



#70
Styrene
Concen: 20.100 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion:104 Resp: 297819
Ion Ratio Lower Upper
104 100
78 46.0 38.5 57.7
103 53.7 43.7 65.5





#71

Bromoform

Concen: 20.226 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

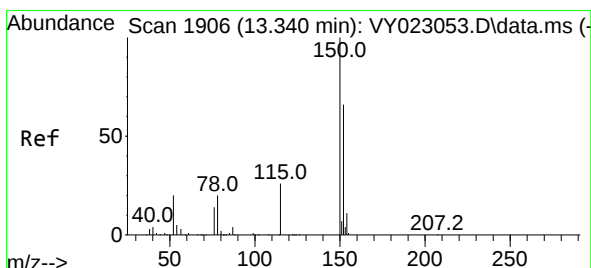
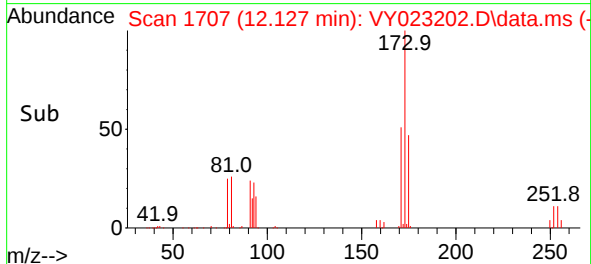
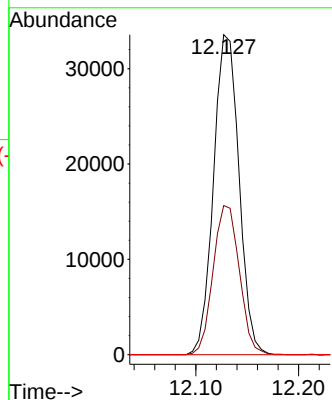
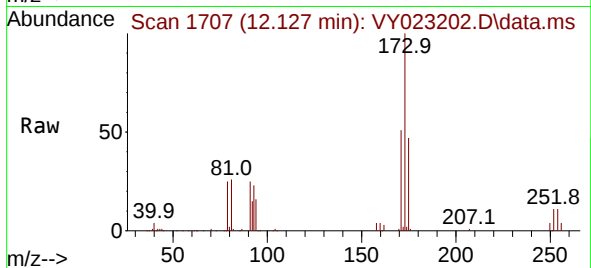
Tgt Ion:173 Resp: 57741

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

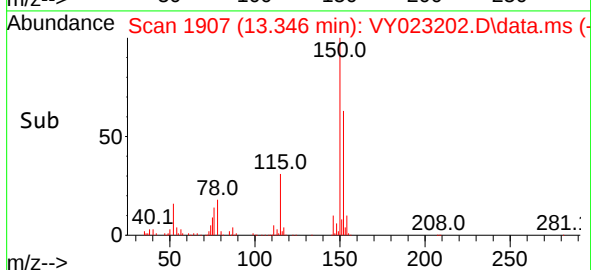
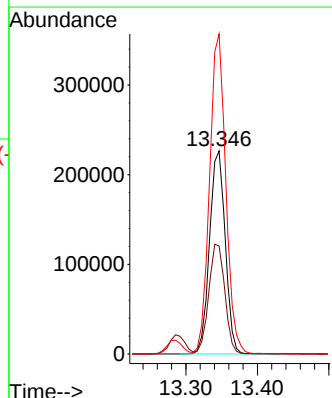
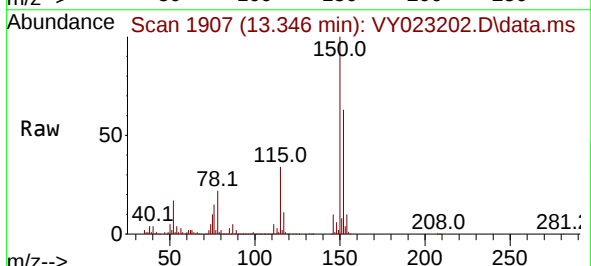
Tgt Ion:152 Resp: 345744

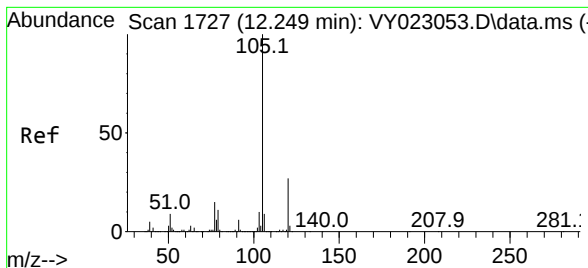
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.6

150 162.2 0.0 348.0





#73

Isopropylbenzene

Concen: 19.024 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

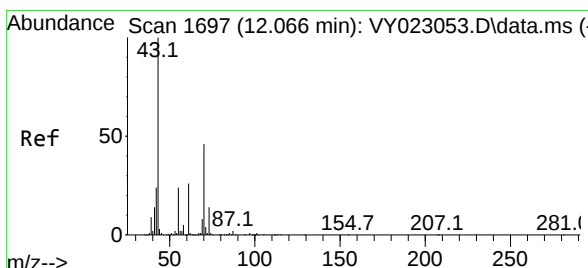
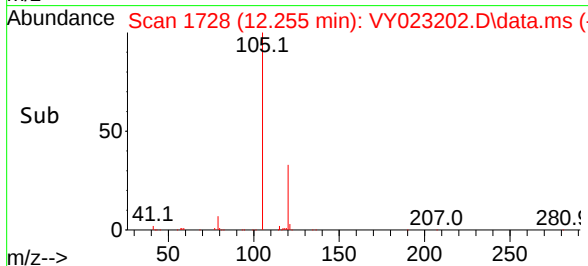
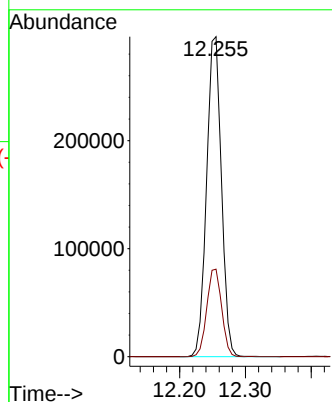
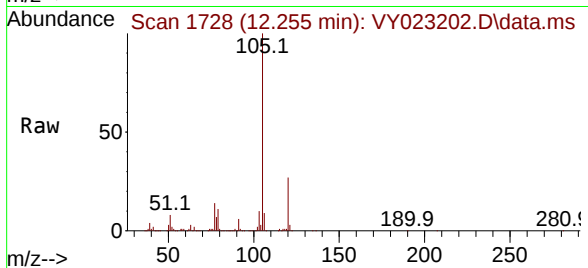
ClientSampleId :

Tgt Ion:105 Resp: 464221

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 16.690 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Tgt Ion: 43 Resp: 86372

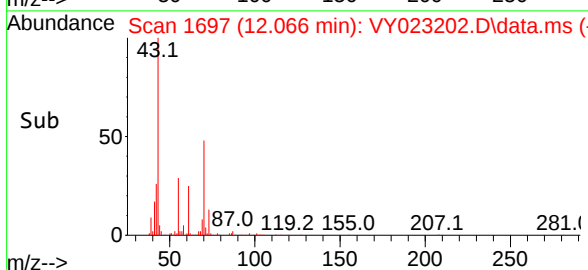
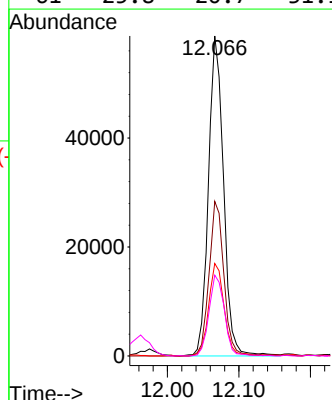
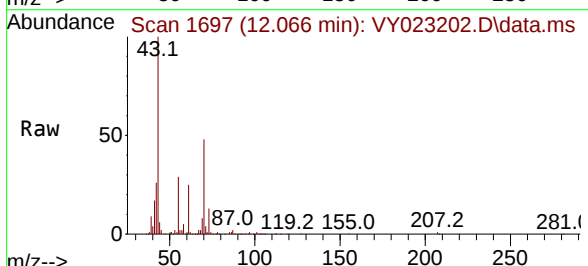
Ion Ratio Lower Upper

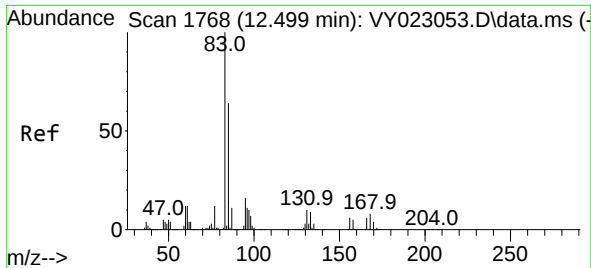
43 100

70 47.1 37.5 56.3

55 29.6 20.7 31.1

61 25.8 20.7 31.1

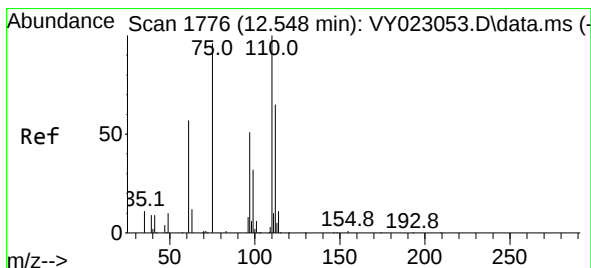
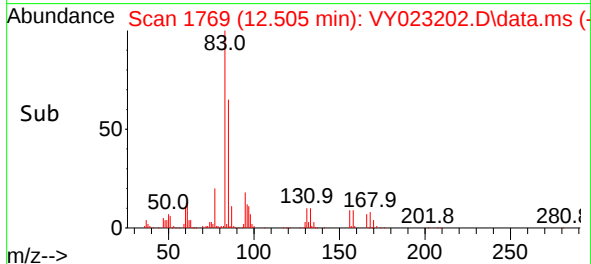
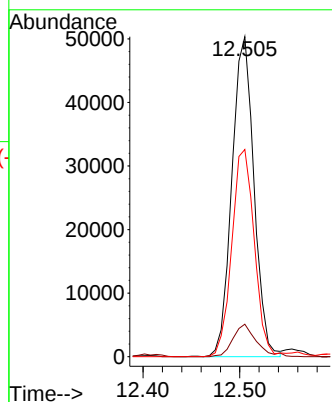
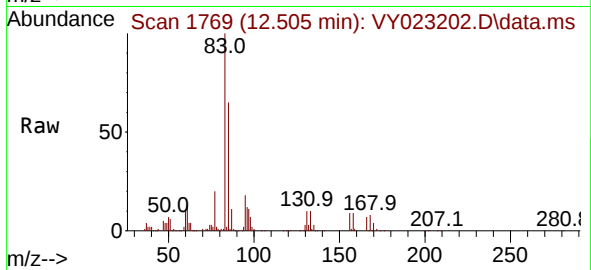




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.138 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

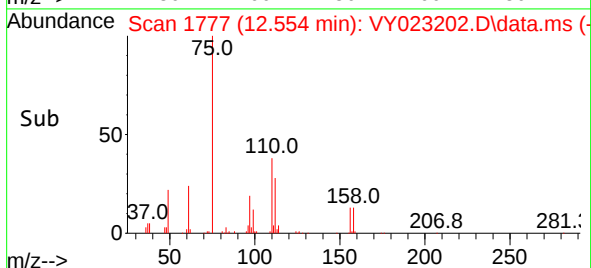
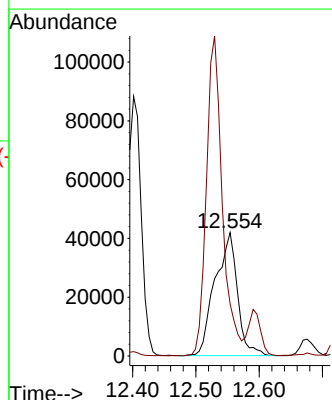
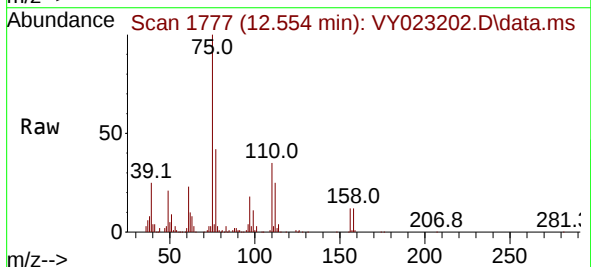
Instrument :
 MSVOA_Y
 ClientSampleId :

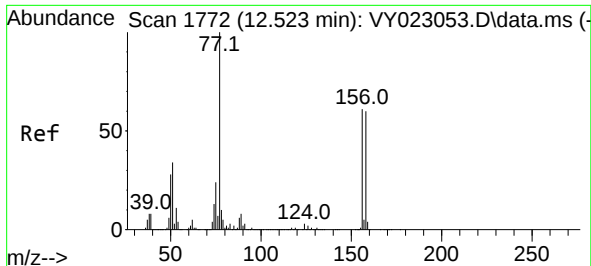
Tgt Ion: 83 Resp: 79739
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.3
 85 66.3 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 30.831 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

Tgt Ion: 75 Resp: 102877
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

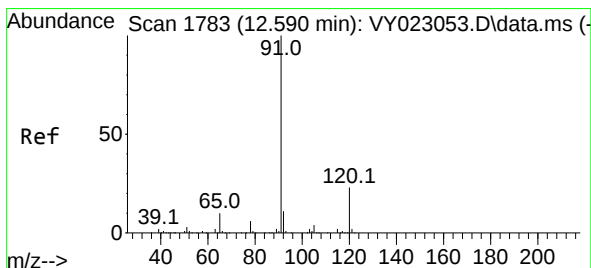
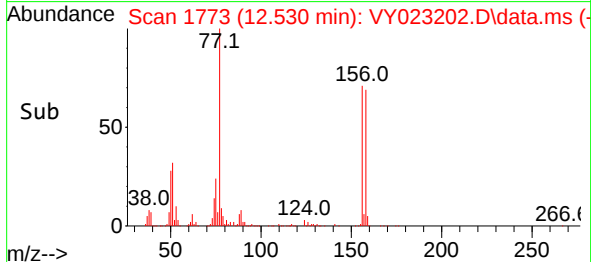
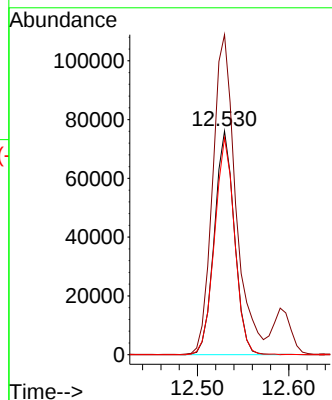
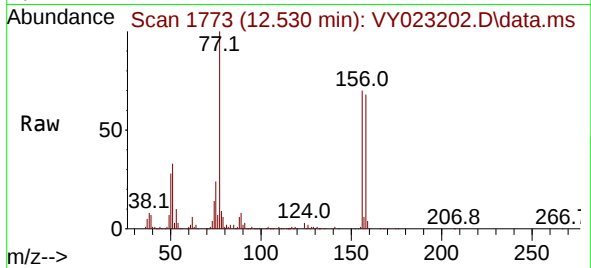




#77
Bromobenzene
Concen: 19.836 ug/l
RT: 12.530 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

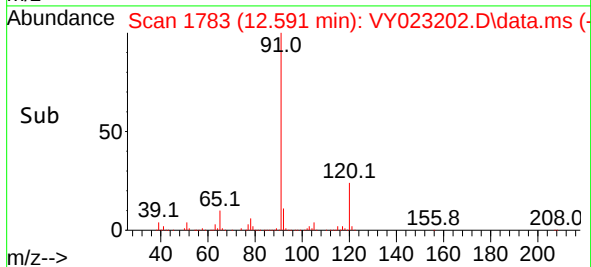
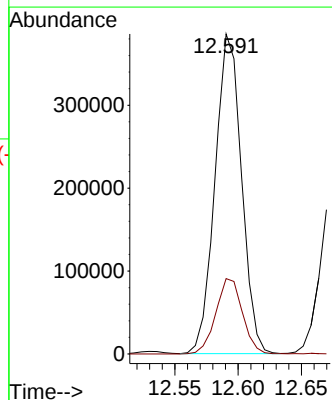
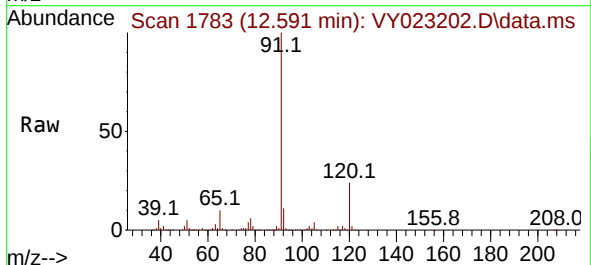
Instrument :
MSVOA_Y
ClientSampleId :

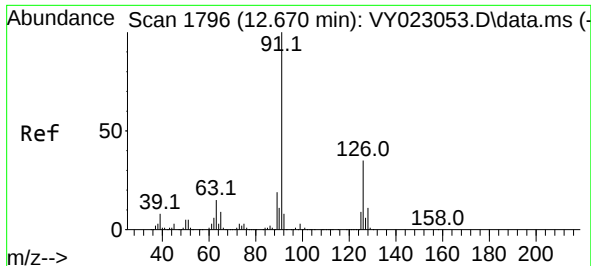
Tgt Ion:156 Resp: 115475
Ion Ratio Lower Upper
156 100
77 164.9 88.1 264.4
158 97.3 48.0 144.0



#78
n-propylbenzene
Concen: 19.308 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 91 Resp: 560933
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.5

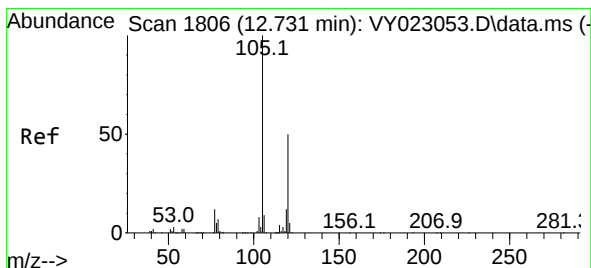
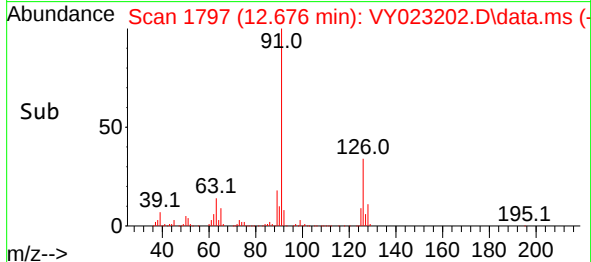
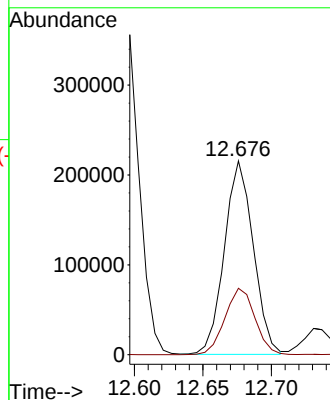
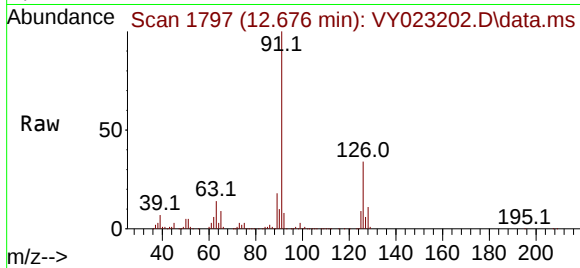




#79
2-Chlorotoluene
Concen: 19.050 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

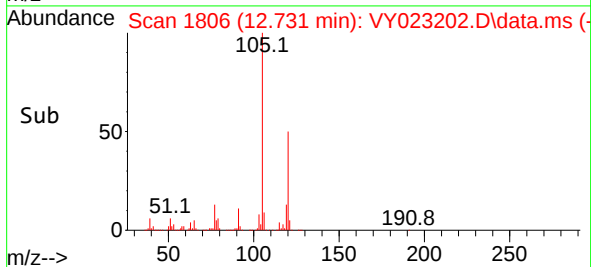
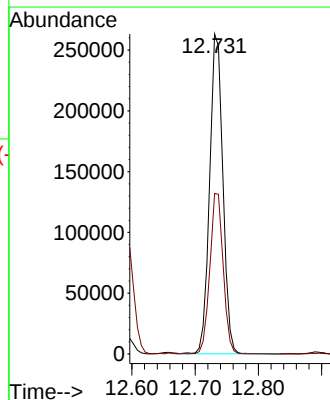
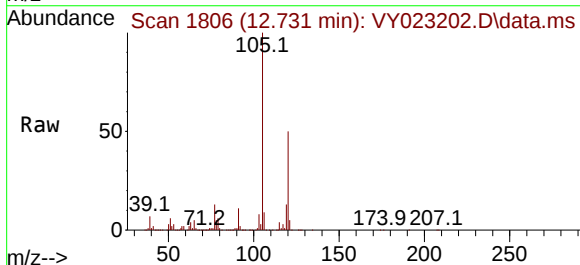
Instrument :
MSVOA_Y
ClientSampleId :

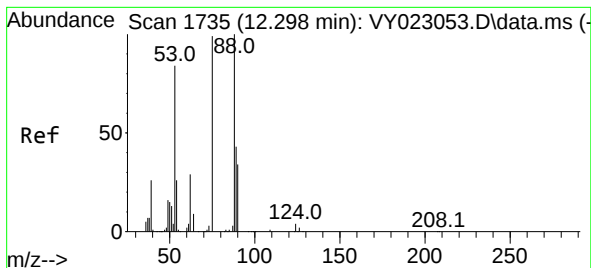
Tgt Ion: 91 Resp: 317103
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.447 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 105 Resp: 383520
Ion Ratio Lower Upper
105 100
120 50.4 24.8 74.4

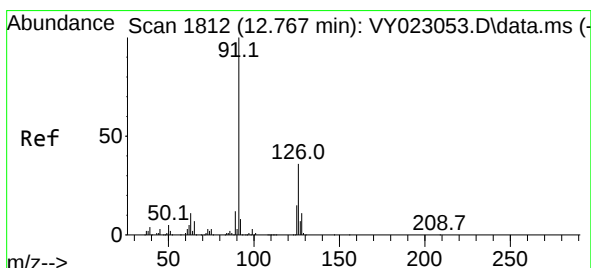
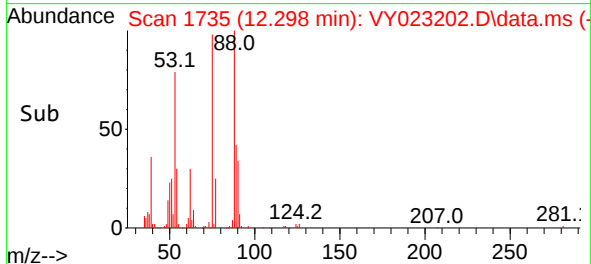
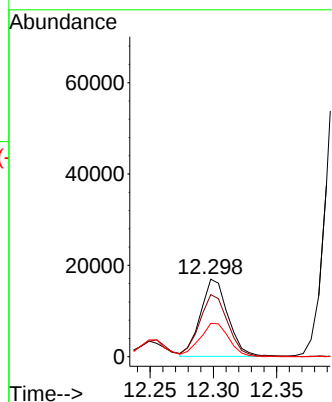
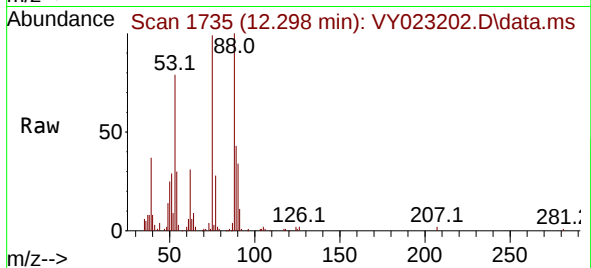




#81
trans-1,4-Dichloro-2-butene
Concen: 18.462 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

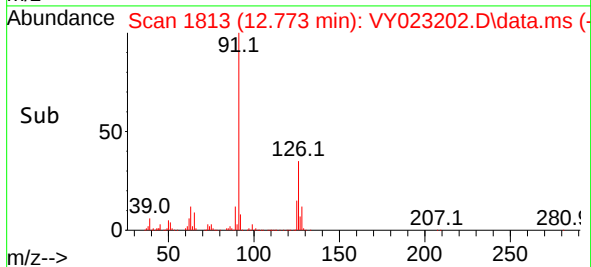
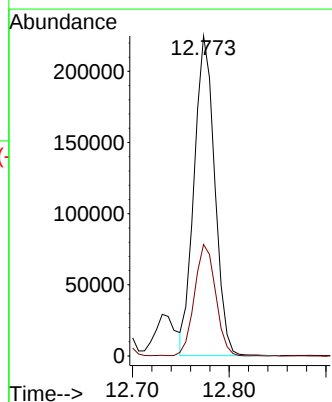
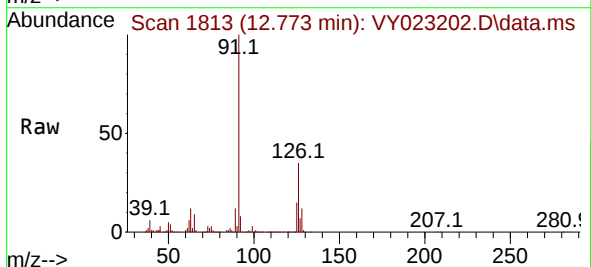
Instrument :
MSVOA_Y
ClientSampleId :

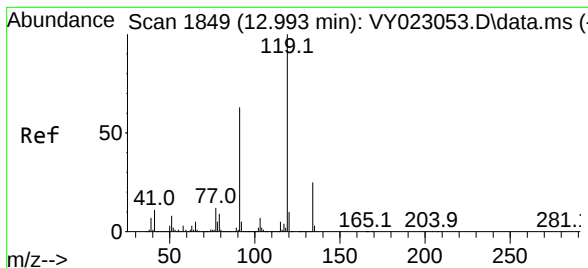
Tgt Ion: 75 Resp: 25449
Ion Ratio Lower Upper
75 100
53 84.0 70.8 106.2
89 45.9 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.209 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 91 Resp: 331699
Ion Ratio Lower Upper
91 100
126 35.9 17.3 52.0

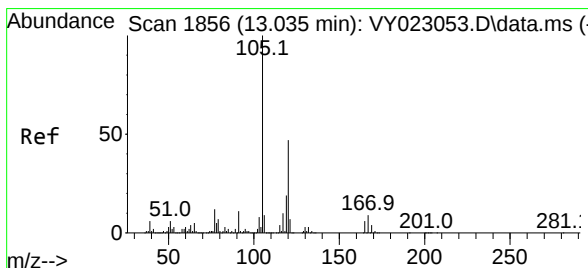
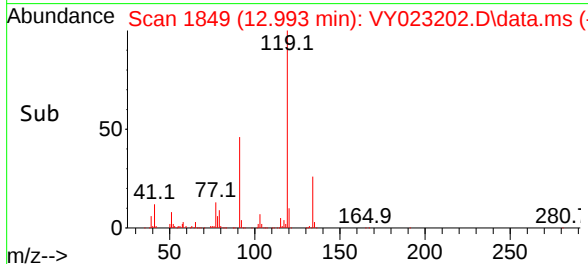
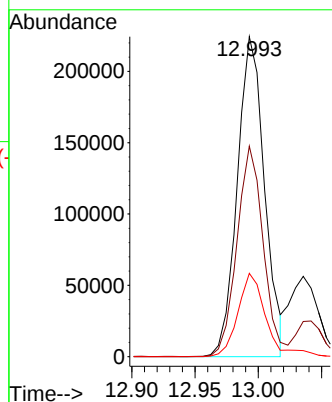
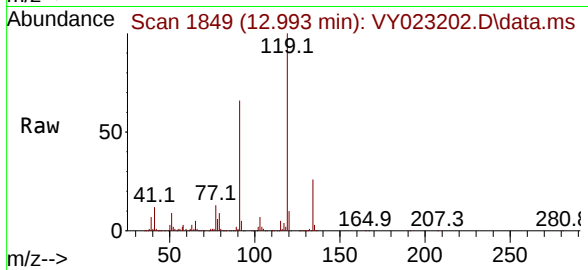




#83
 tert-Butylbenzene
 Concen: 18.895 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

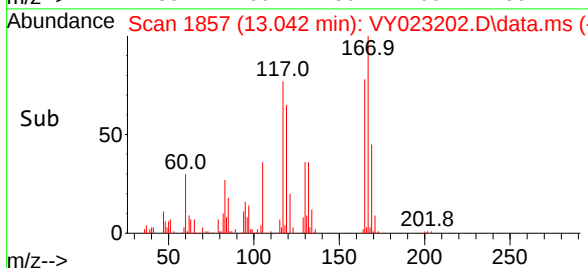
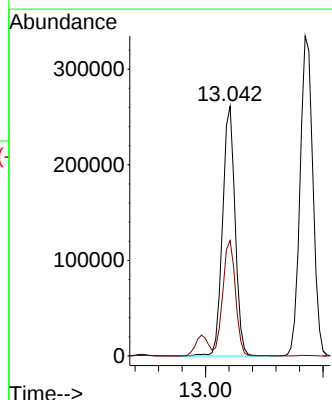
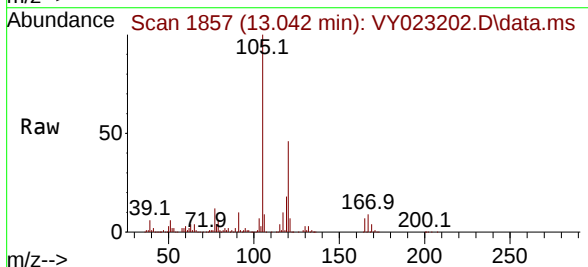
Instrument :
 MSVOA_Y
 ClientSampleId :

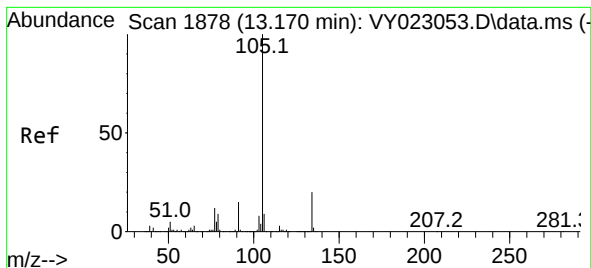
Tgt Ion:119 Resp: 336565
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.6 94.8
 134 26.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.687 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

Tgt Ion:105 Resp: 386501
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.0 69.0

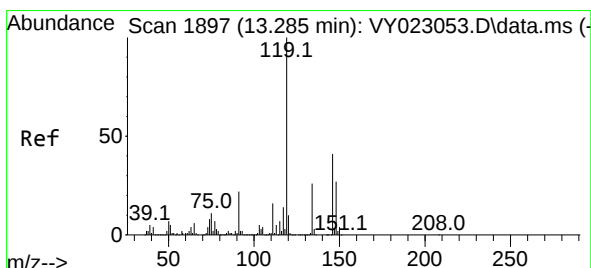
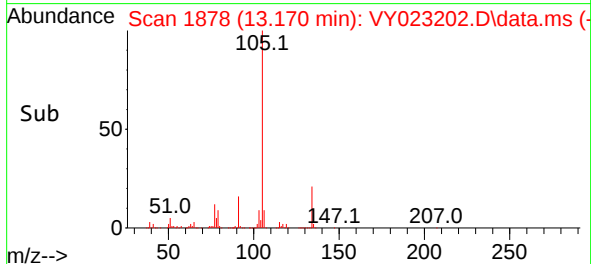
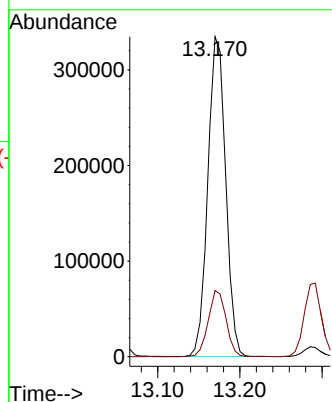
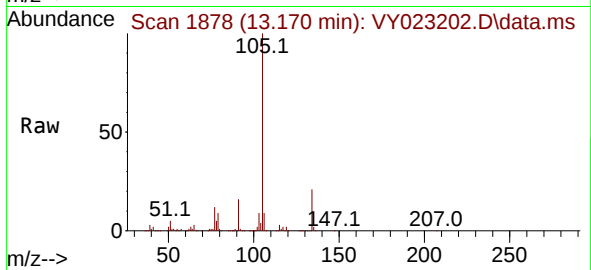




#85
 sec-Butylbenzene
 Concen: 19.278 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

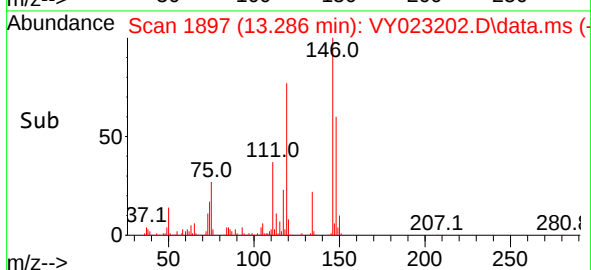
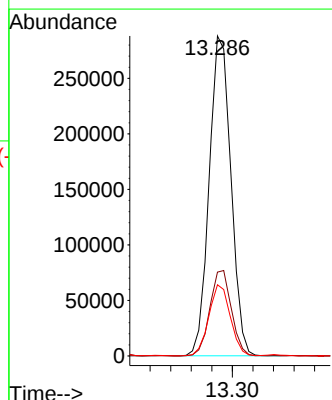
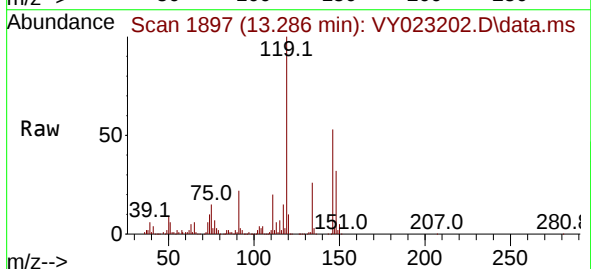
Instrument :
 MSVOA_Y
 ClientSampleId :

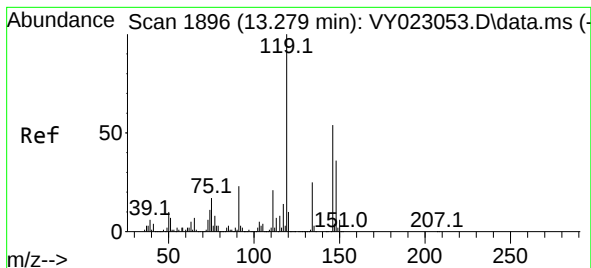
Tgt Ion:105 Resp: 504416
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.477 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

Tgt Ion:119 Resp: 423009
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.061 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

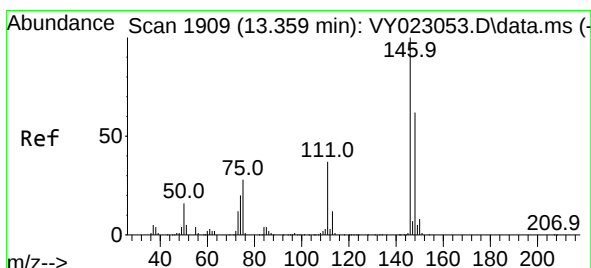
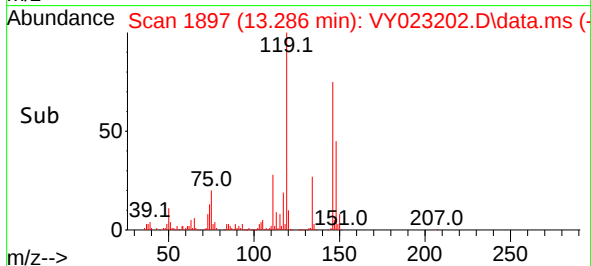
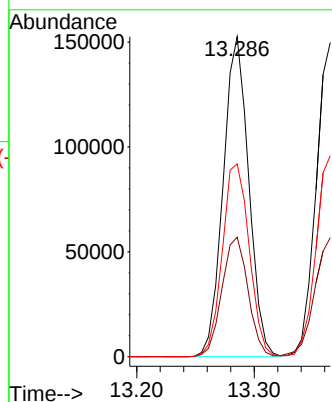
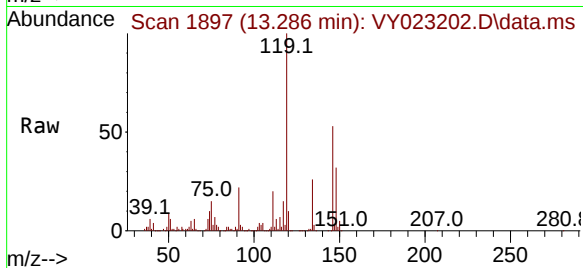
Tgt Ion:146 Resp: 230302

Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

148 63.5 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 20.039 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

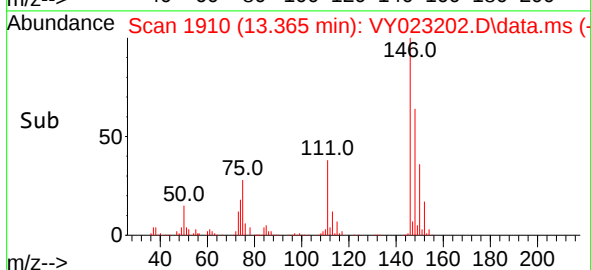
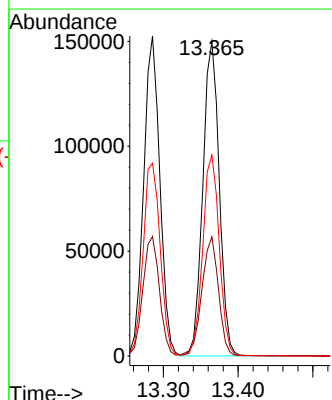
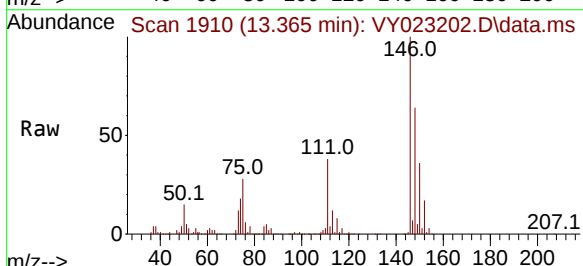
Tgt Ion:146 Resp: 228216

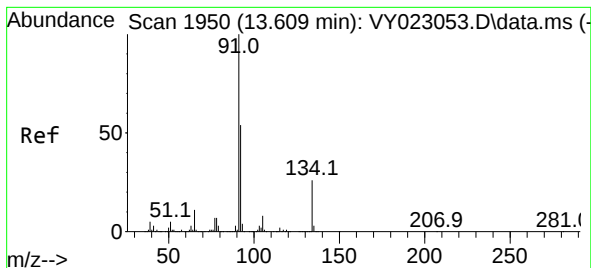
Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.1

148 64.6 31.6 94.7





#89

n-Butylbenzene

Concen: 18.962 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

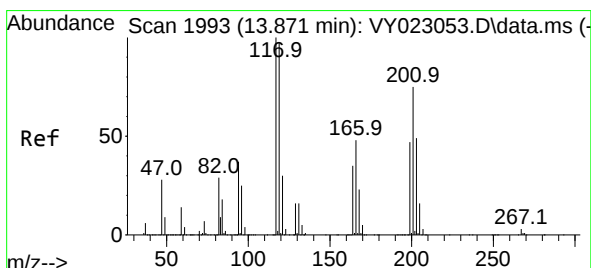
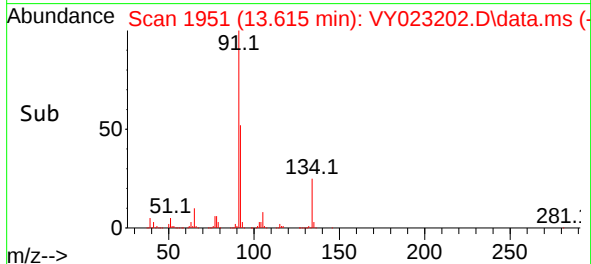
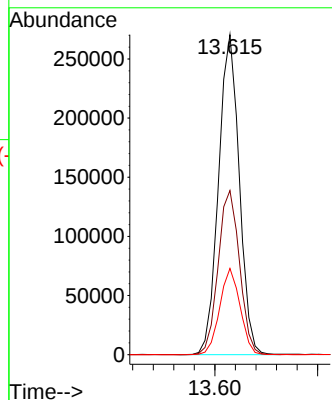
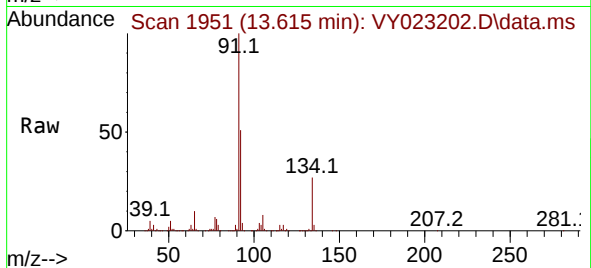
Tgt Ion: 91 Resp: 378255

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.7

134 26.5 13.2 39.5



#90

Hexachloroethane

Concen: 20.023 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023202.D

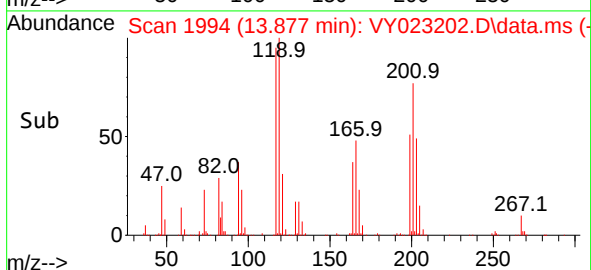
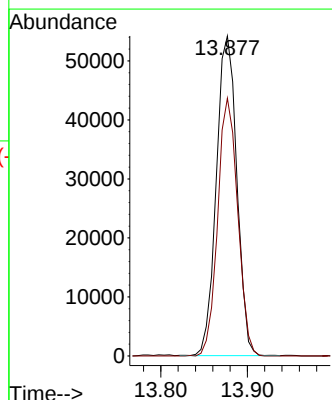
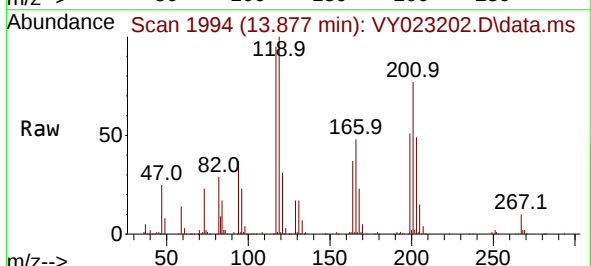
Acq: 25 Aug 2025 10:09

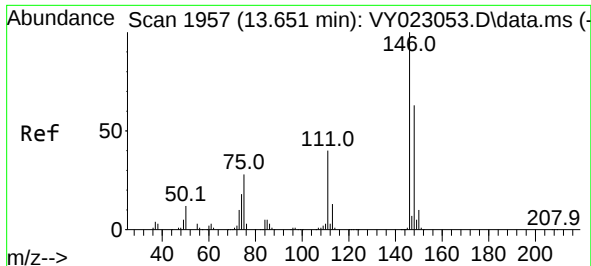
Tgt Ion: 117 Resp: 89022

Ion Ratio Lower Upper

117 100

201 78.7 38.4 115.1

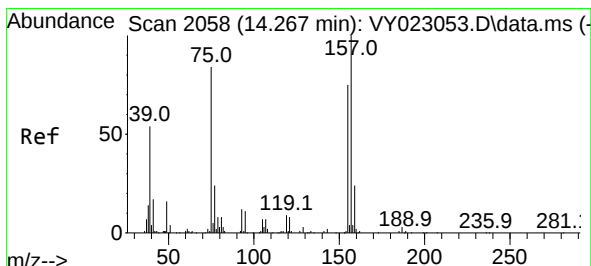
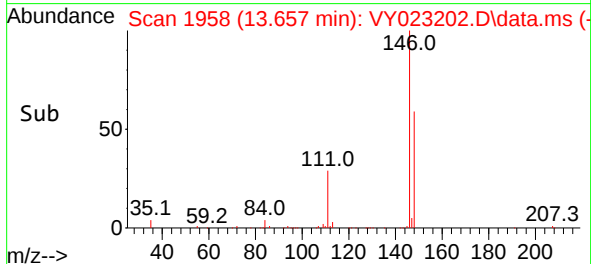
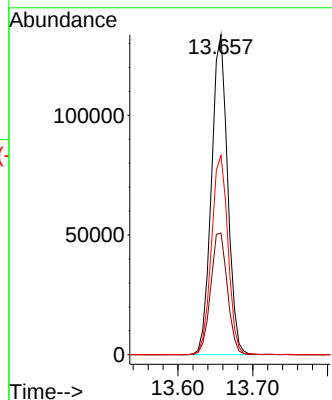
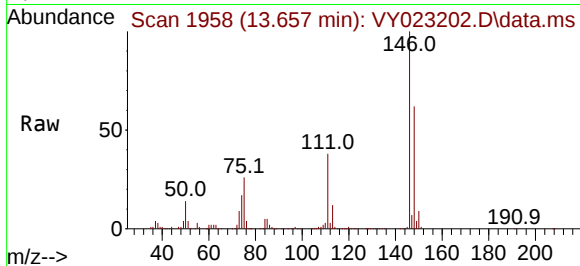




#91
1,2-Dichlorobenzene
Concen: 20.000 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

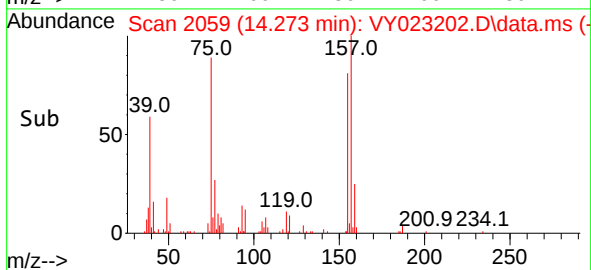
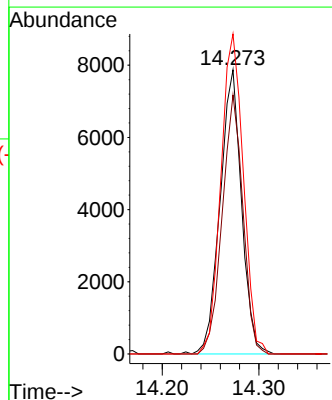
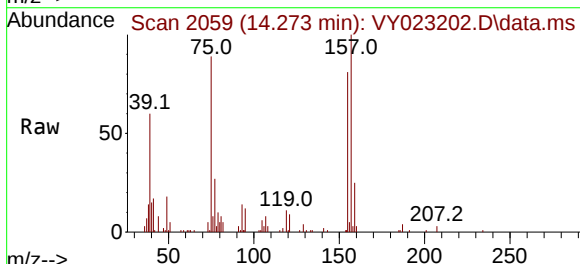
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 201368
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.8
148 63.6 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.683 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 75 Resp: 12120
Ion Ratio Lower Upper
75 100
155 87.4 43.9 131.6
157 117.1 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 19.222 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

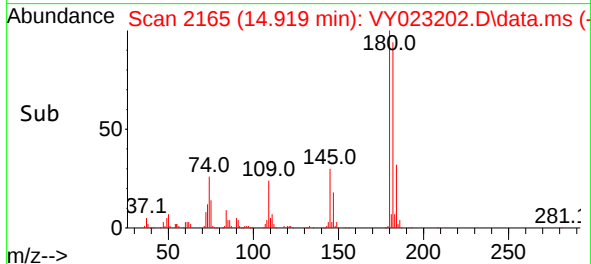
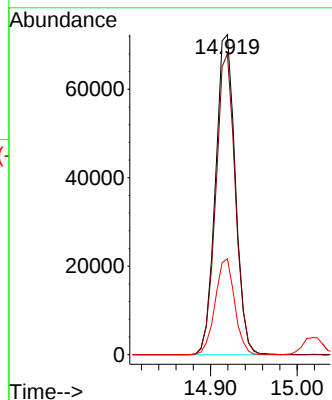
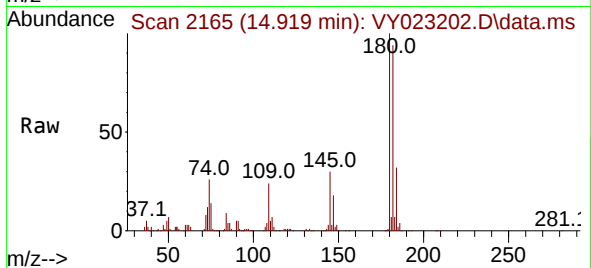
Tgt Ion:180 Resp: 114445

Ion Ratio Lower Upper

180 100

182 93.0 46.8 140.4

145 29.6 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.049 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

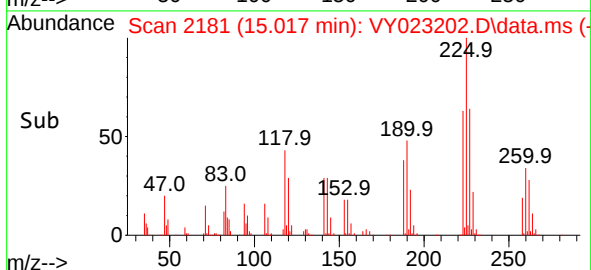
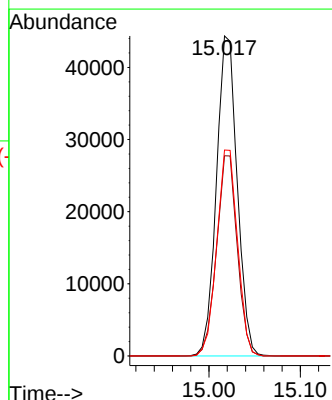
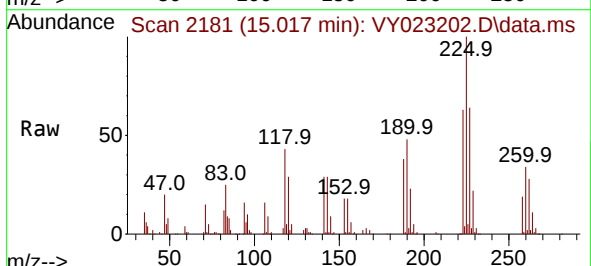
Tgt Ion:225 Resp: 70147

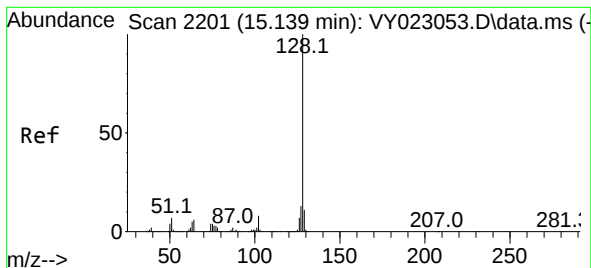
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

227 64.3 31.5 94.5





#95

Naphthalene

Concen: 16.741 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

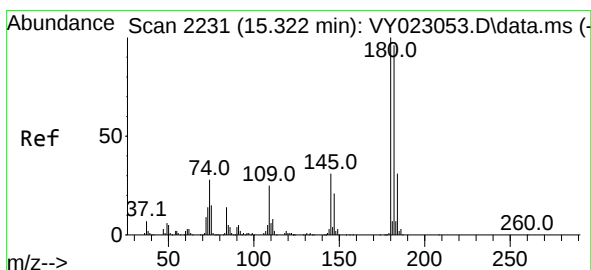
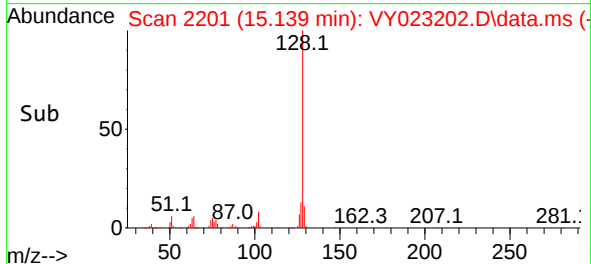
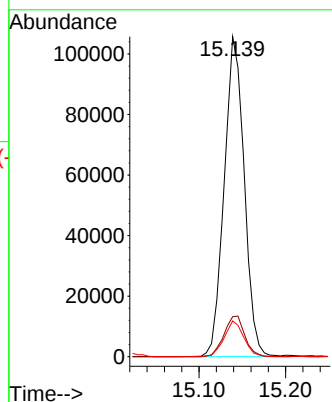
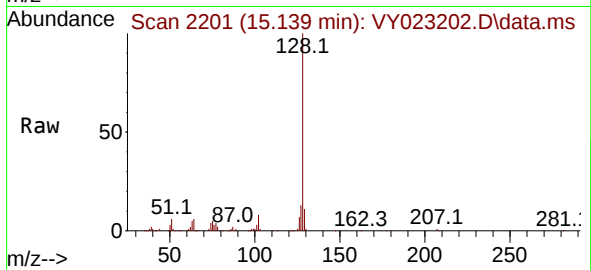
Tgt Ion:128 Resp: 169970

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 18.737 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Tgt Ion:180 Resp: 96132

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.7

145 31.4 15.9 47.7

