

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023062.D
 Acq On : 13 Aug 2025 11:32
 Operator : SY/MD
 Sample : VY0813SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

Quant Time: Aug 14 01:21:35 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	488323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	786599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	688987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	328907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	245971	52.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.700%	
35) Dibromofluoromethane	7.628	113	243718	51.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.560%	
50) Toluene-d8	10.103	98	943517	51.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	12.401	95	289823	49.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	89613	22.482	ug/l	98
3) Chloromethane	2.068	50	151263	23.430	ug/l	99
4) Vinyl Chloride	2.196	62	188581	23.630	ug/l	99
5) Bromomethane	2.586	94	143802	24.128	ug/l	99
6) Chloroethane	2.726	64	122345	23.059	ug/l	98
7) Trichlorofluoromethane	3.049	101	220529	22.726	ug/l	98
8) Diethyl Ether	3.452	74	52861	20.590	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	100837	21.063	ug/l	97
10) Methyl Iodide	4.000	142	107946	20.896	ug/l	98
11) Tert butyl alcohol	4.854	59	31661	99.285	ug/l	100
12) 1,1-Dichloroethene	3.781	96	99825	21.214	ug/l	97
13) Acrolein	3.641	56	48067	102.923	ug/l	99
14) Allyl chloride	4.378	41	145579	21.025	ug/l	99
15) Acrylonitrile	5.049	53	106658	102.188	ug/l	99
16) Acetone	3.860	43	106854	105.977	ug/l	92
17) Carbon Disulfide	4.098	76	329468	21.473	ug/l	99
18) Methyl Acetate	4.378	43	59847	19.946	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	250389	20.534	ug/l	99
20) Methylene Chloride	4.604	84	126594	22.677	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	111980	21.175	ug/l	98
22) Diisopropyl ether	6.018	45	318585	21.174	ug/l	97
23) Vinyl Acetate	5.957	43	864882	103.955	ug/l	99
24) 1,1-Dichloroethane	5.909	63	197693	21.491	ug/l	98
25) 2-Butanone	6.890	43	140600	102.531	ug/l	98
26) 2,2-Dichloropropane	6.878	77	167303	21.077	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	127595	20.871	ug/l	98
28) Bromochloromethane	7.238	49	76958	21.087	ug/l	98
29) Tetrahydrofuran	7.256	42	86166	101.371	ug/l	98
30) Chloroform	7.414	83	203522	21.452	ug/l	93
31) Cyclohexane	7.695	56	180636	20.838	ug/l	97
32) 1,1,1-Trichloroethane	7.609	97	178730	21.232	ug/l	99
36) 1,1-Dichloropropene	7.829	75	143716	20.546	ug/l	99
37) Ethyl Acetate	6.975	43	61117	20.800	ug/l	98
38) Carbon Tetrachloride	7.811	117	157813	20.772	ug/l	95
39) Methylcyclohexane	9.103	83	187063	20.308	ug/l	98
40) Benzene	8.073	78	453091	21.016	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	27510	16.222	ug/l #	76
42) 1,2-Dichloroethane	8.152	62	116555	20.787	ug/l	99
43) Isopropyl Acetate	8.195	43	120262	20.250	ug/l	99
44) Trichloroethene	8.859	130	117017	21.003	ug/l	98
45) 1,2-Dichloropropane	9.134	63	104104	20.986	ug/l	97
46) Dibromomethane	9.225	93	58925	20.696	ug/l	98
47) Bromodichloromethane	9.420	83	152756	20.850	ug/l	100
48) Methyl methacrylate	9.219	41	55751	19.618	ug/l	98
49) 1,4-Dioxane	9.219	88	13744	411.688	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	304003	99.235	ug/l	100
52) Toluene	10.164	92	285848	20.876	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	135784	20.467	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	162259	20.683	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	78157	20.514	ug/l	98
56) Ethyl methacrylate	10.432	69	95035	19.494	ug/l	96
57) 1,3-Dichloropropane	10.713	76	132561	20.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	225995	98.276	ug/l	99
59) 2-Hexanone	10.755	43	210867	101.087	ug/l	98
60) Dibromochloromethane	10.908	129	103323	20.553	ug/l	99
61) 1,2-Dibromoethane	11.011	107	72407	20.221	ug/l	99
64) Tetrachloroethene	10.639	164	136894	22.251	ug/l	98
65) Chlorobenzene	11.438	112	303372	20.413	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	104058	20.631	ug/l	98
67) Ethyl Benzene	11.511	91	518732	20.283	ug/l	98
68) m/p-Xylenes	11.627	106	408117	40.858	ug/l	100
69) o-Xylene	11.950	106	187501	20.042	ug/l	97
70) Styrene	11.962	104	311947	20.389	ug/l	100
71) Bromoform	12.127	173	58086	19.704	ug/l #	98
73) Isopropylbenzene	12.249	105	488868	21.059	ug/l	100
74) N-amyl acetate	12.066	43	101884	20.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	77900	19.653	ug/l	100
76) 1,2,3-Trichloropropane	12.548	75	108268	34.108	ug/l #	100
77) Bromobenzene	12.523	156	114020	20.588	ug/l	97
78) n-propylbenzene	12.590	91	592252	21.429	ug/l	100
79) 2-Chlorotoluene	12.676	91	338588	21.382	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	395083	21.058	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	25032	19.089	ug/l	91
82) 4-Chlorotoluene	12.773	91	346590	21.099	ug/l	100
83) tert-Butylbenzene	12.993	119	354749	20.936	ug/l	100
84) 1,2,4-Trimethylbenzene	13.035	105	395285	21.165	ug/l	99
85) sec-Butylbenzene	13.169	105	532130	21.378	ug/l	99
86) p-Isopropyltoluene	13.285	119	438613	21.229	ug/l	100
87) 1,3-Dichlorobenzene	13.279	146	228309	20.905	ug/l	98
88) 1,4-Dichlorobenzene	13.358	146	223875	20.664	ug/l	98
89) n-Butylbenzene	13.608	91	402947	21.234	ug/l	99
90) Hexachloroethane	13.871	117	91017	21.519	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	199690	20.849	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12753	20.665	ug/l	94
93) 1,2,4-Trichlorobenzene	14.913	180	111483	19.683	ug/l	97
94) Hexachlorobutadiene	15.017	225	68693	20.639	ug/l	99
95) Naphthalene	15.139	128	185590	19.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	96492	19.770	ug/l	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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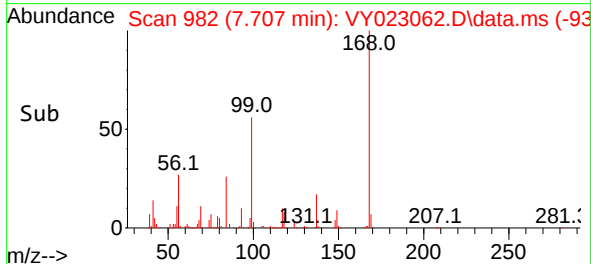
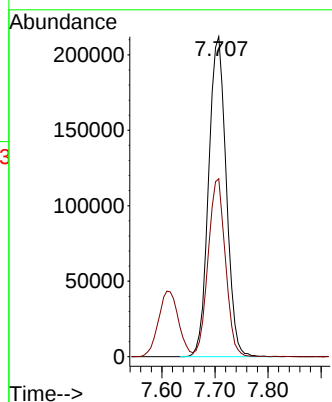
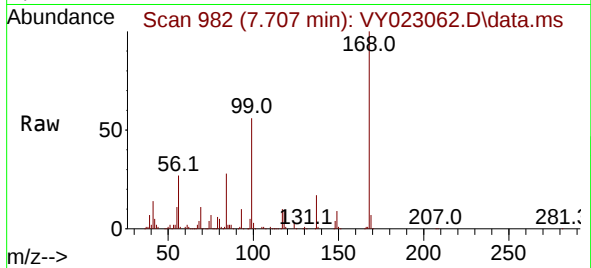
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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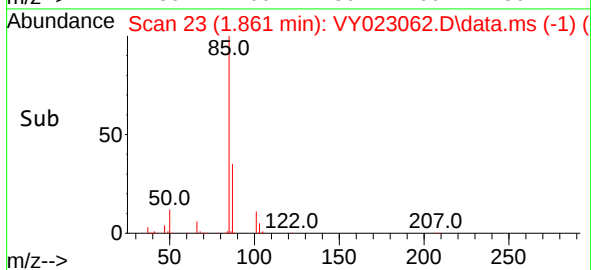
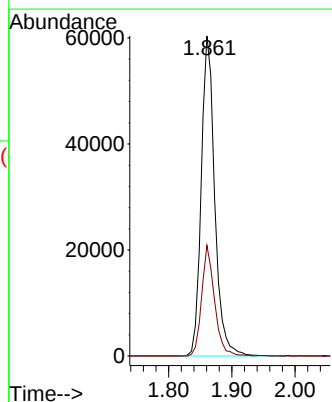
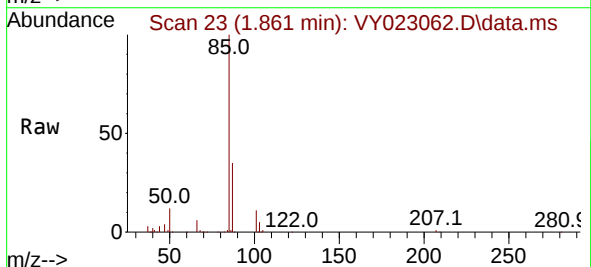
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ClientSampleId :
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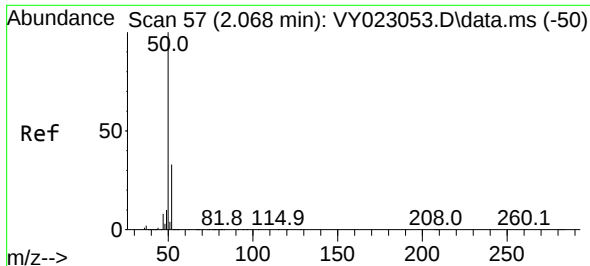
Tgt Ion:168 Resp: 488323
Ion Ratio Lower Upper
168 100
99 55.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 22.482 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 85 Resp: 89613
Ion Ratio Lower Upper
85 100
87 34.5 16.6 49.8

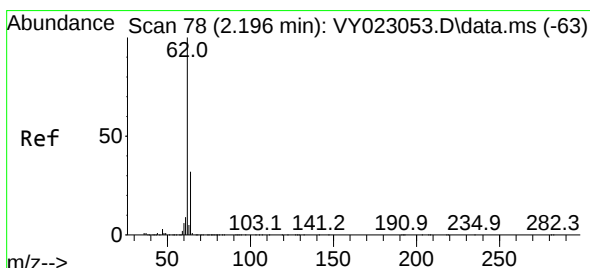
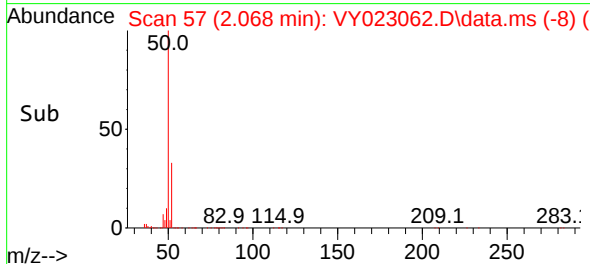
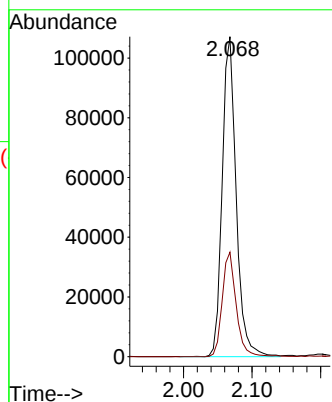
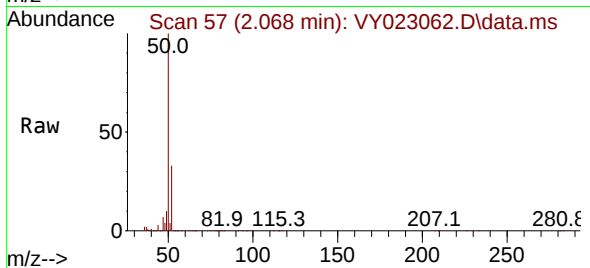




#3
Chloromethane
Concen: 23.430 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

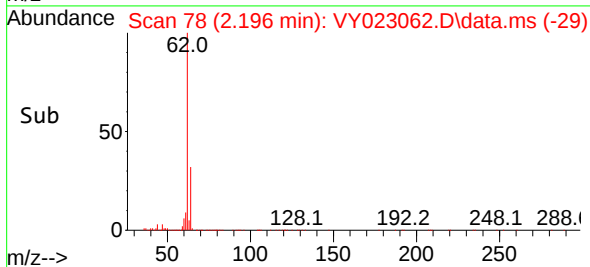
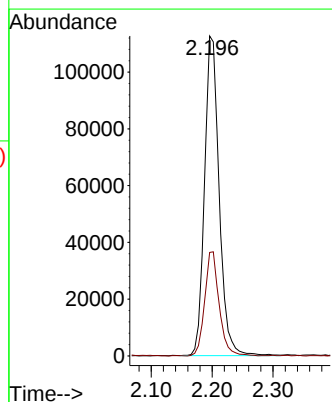
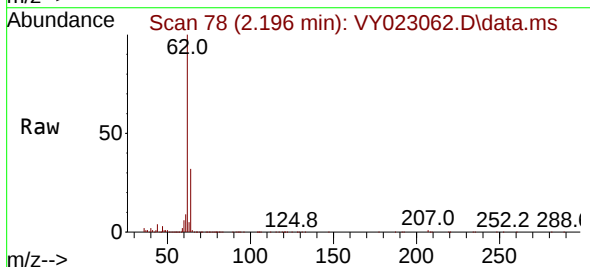
Instrument :
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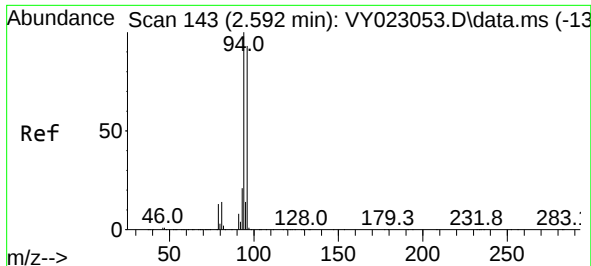
Tgt Ion: 50 Resp: 151263
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 23.630 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 62 Resp: 188581
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

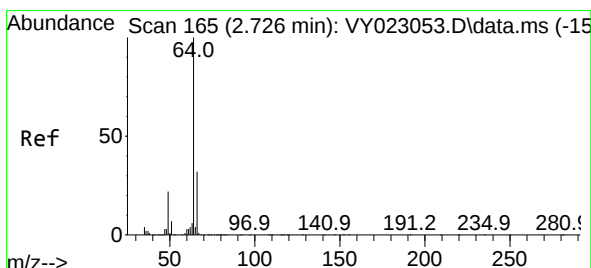
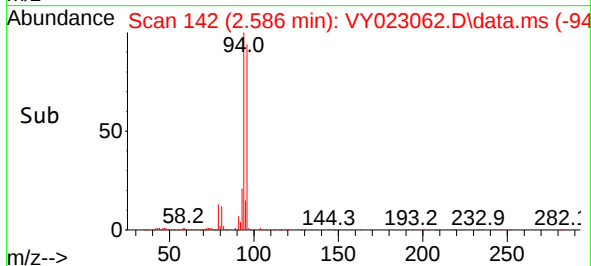
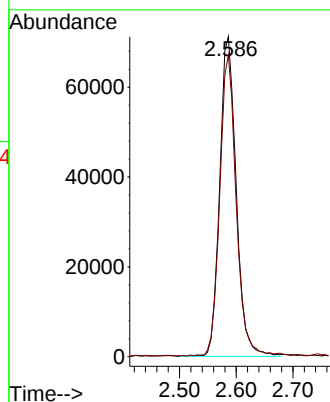
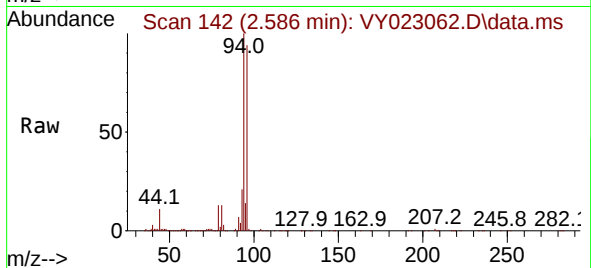




#5
Bromomethane
Concen: 24.128 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

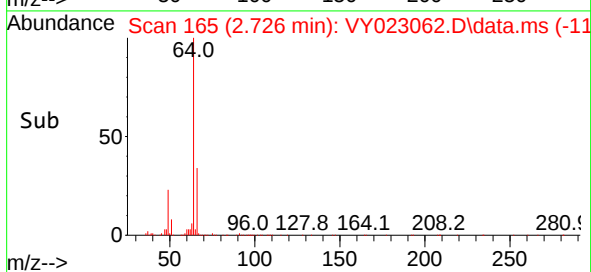
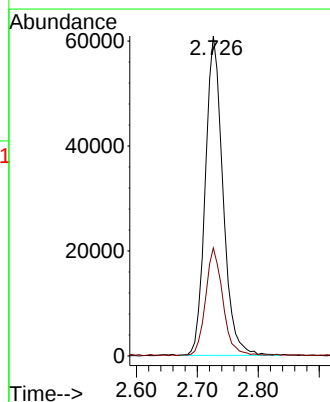
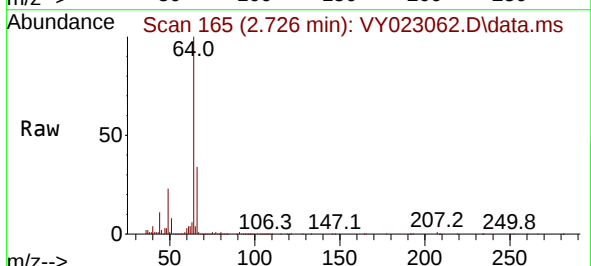
Instrument :
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ClientSampleId :
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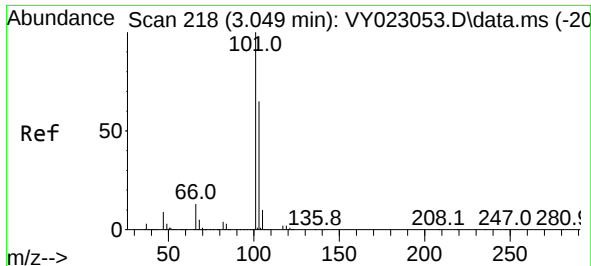
Tgt Ion: 94 Resp: 143802
Ion Ratio Lower Upper
94 100
96 94.1 74.6 112.0



#6
Chloroethane
Concen: 23.059 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 64 Resp: 122345
Ion Ratio Lower Upper
64 100
66 33.6 25.8 38.6

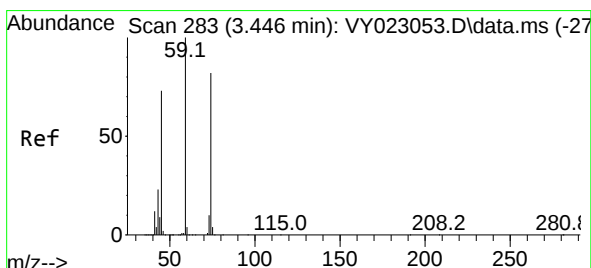
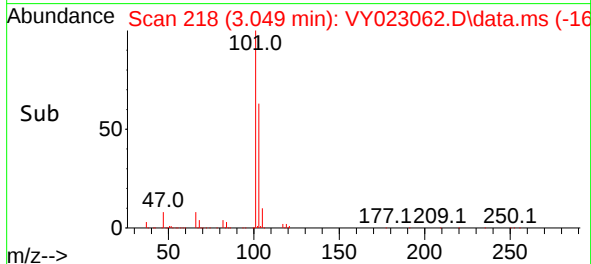
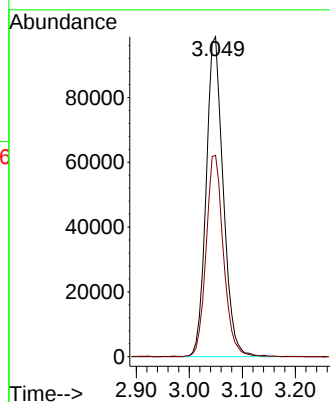
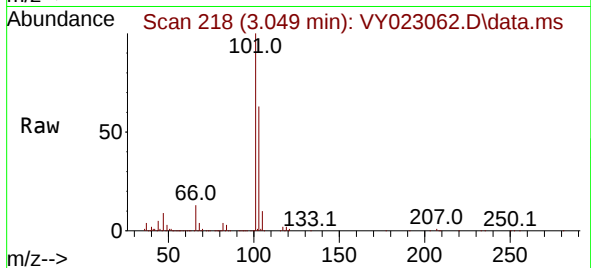




#7
Trichlorofluoromethane
Concen: 22.726 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

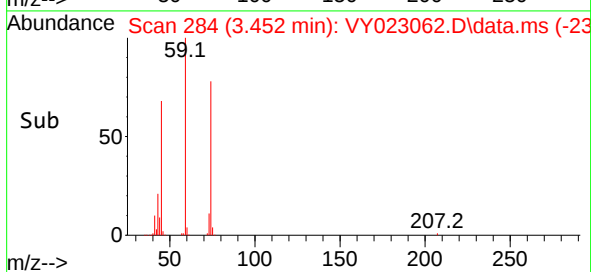
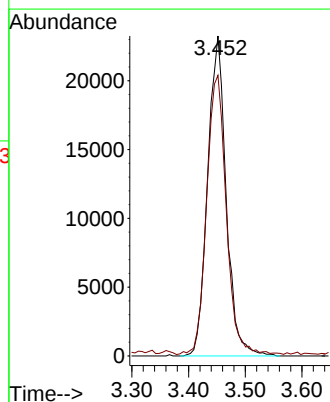
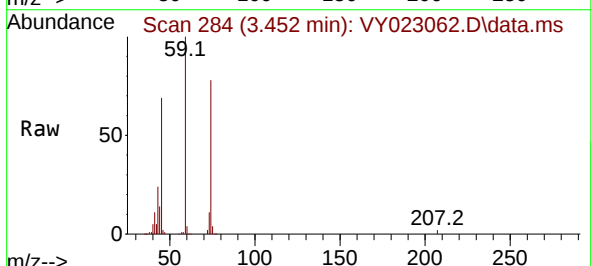
Instrument :
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VY0813SBSD01

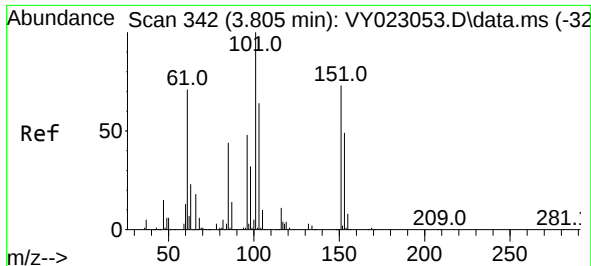
Tgt Ion:101 Resp: 220529
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9



#8
Diethyl Ether
Concen: 20.590 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 74 Resp: 52861
Ion Ratio Lower Upper
74 100
45 92.1 44.4 133.2

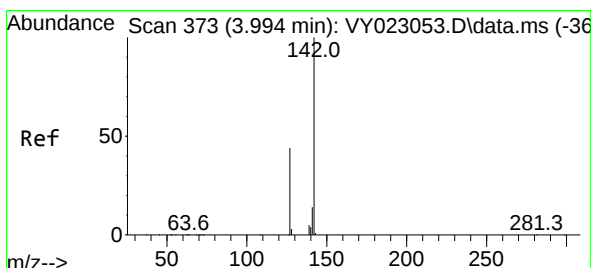
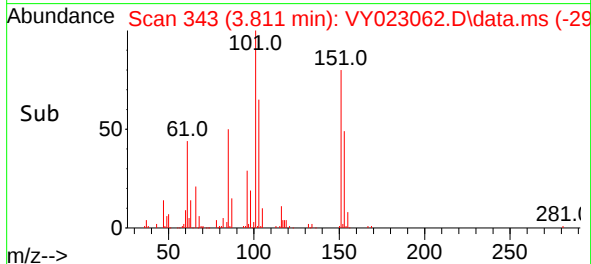
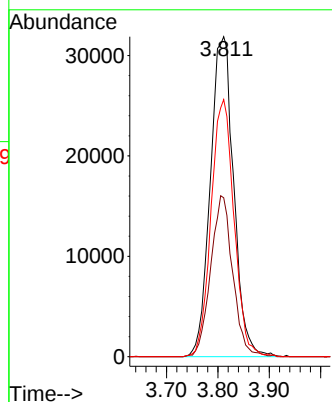
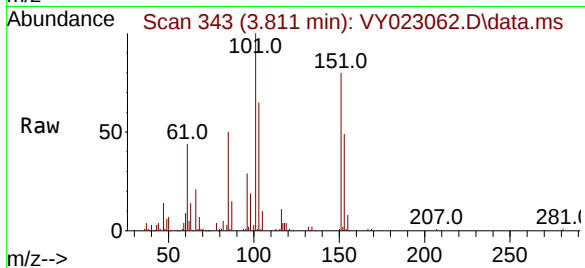




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.063 ug/l
RT: 3.811 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023062.D
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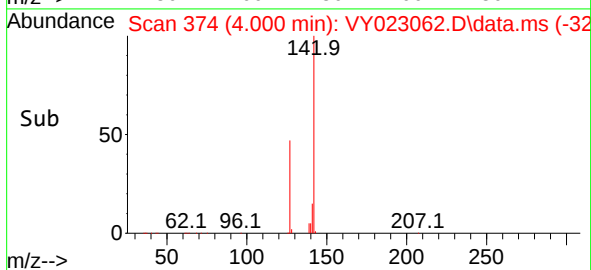
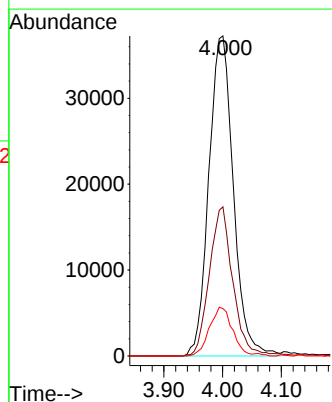
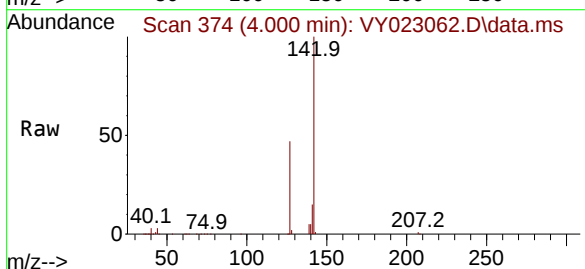
Instrument :
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ClientSampleId :
VY0813SBSD01

Tgt Ion:101 Resp: 100837
Ion Ratio Lower Upper
101 100
85 47.4 36.3 54.5
151 79.0 61.5 92.3



#10
Methyl Iodide
Concen: 20.896 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion:142 Resp: 107946
Ion Ratio Lower Upper
142 100
127 44.7 34.9 52.3
141 14.5 11.3 16.9

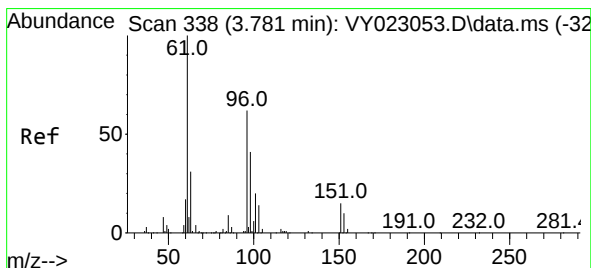
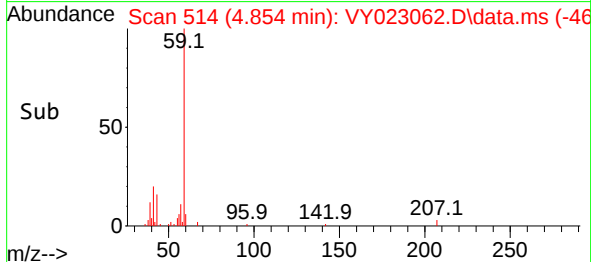
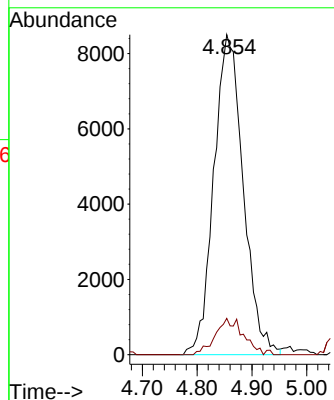
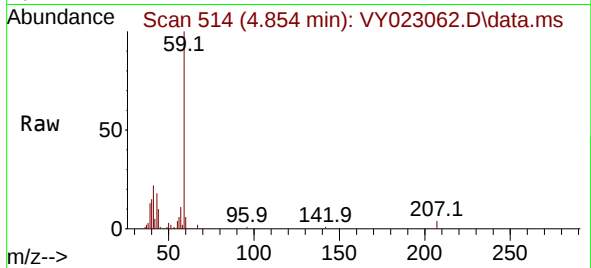




#11
Tert butyl alcohol
Concen: 99.285 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

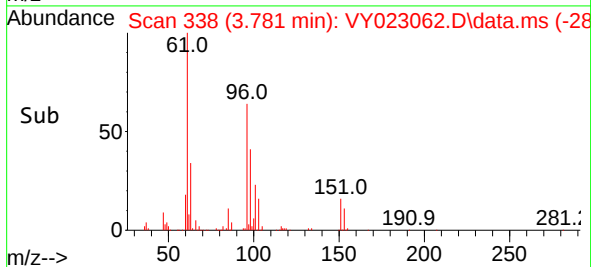
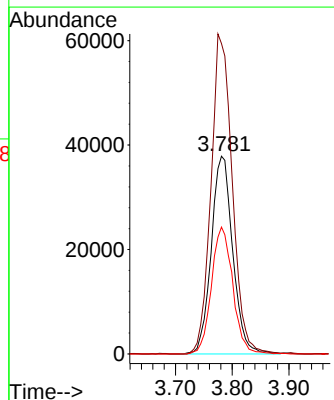
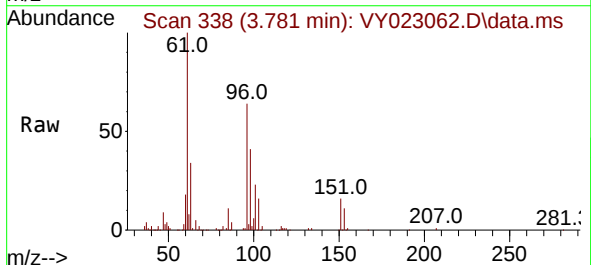
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

Tgt Ion: 59 Resp: 31661
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 21.214 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 96 Resp: 99825
Ion Ratio Lower Upper
96 100
61 157.0 129.4 194.2
98 64.2 52.8 79.2

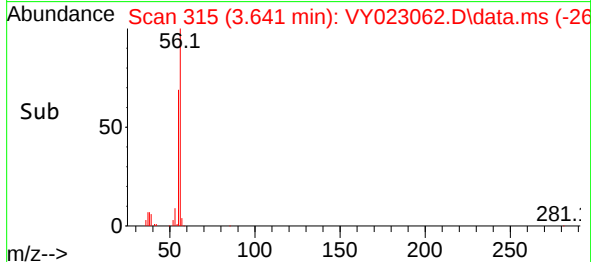
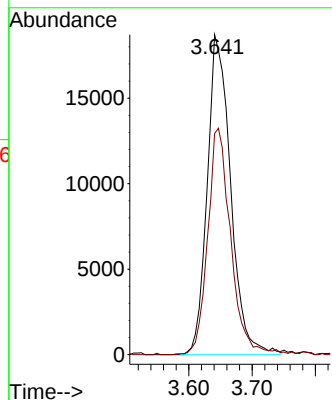
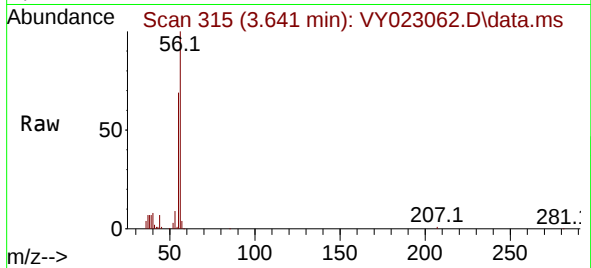




#13
Acrolein
Concen: 102.923 ug/l
RT: 3.641 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

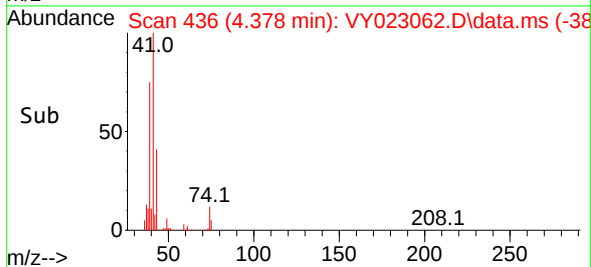
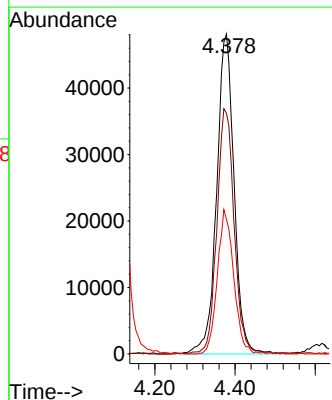
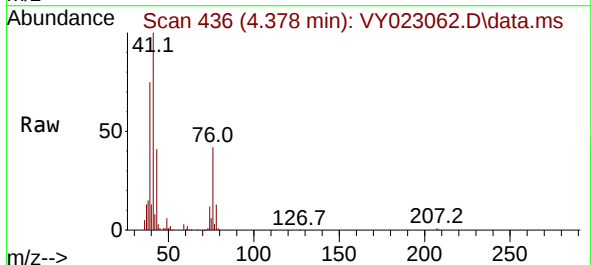
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

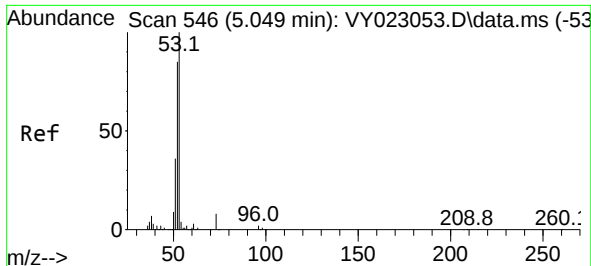
Tgt Ion: 56 Resp: 48067
Ion Ratio Lower Upper
56 100
55 69.9 55.2 82.8



#14
Allyl chloride
Concen: 21.025 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 41 Resp: 145579
Ion Ratio Lower Upper
41 100
39 75.4 59.8 89.6
76 42.4 33.7 50.5

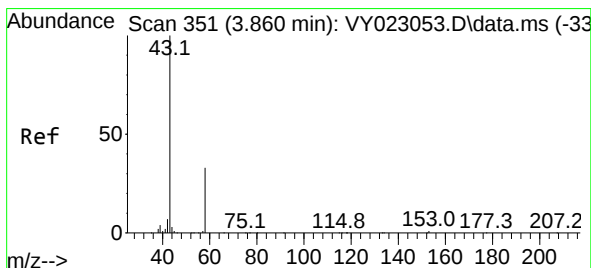
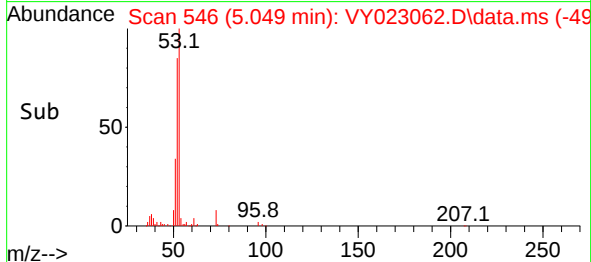
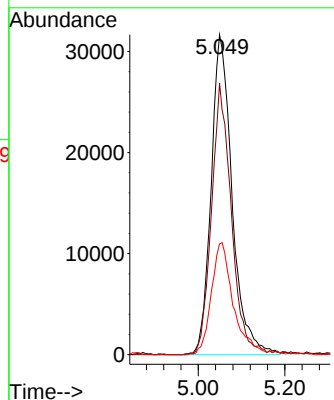
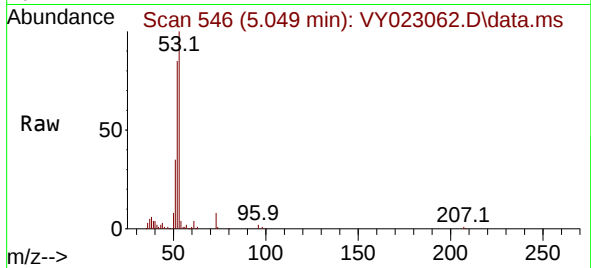




#15
Acrylonitrile
Concen: 102.188 ug/l
RT: 5.049 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

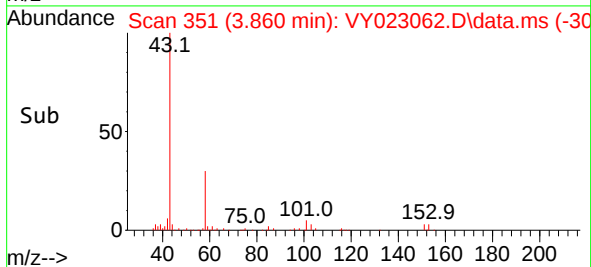
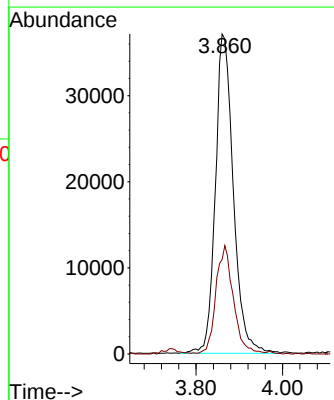
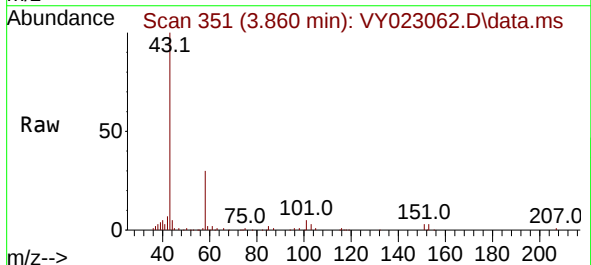
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

Tgt Ion: 53 Resp: 106658
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 36.6 29.5 44.3



#16
Acetone
Concen: 105.977 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 43 Resp: 106854
Ion Ratio Lower Upper
43 100
58 29.5 27.1 40.7

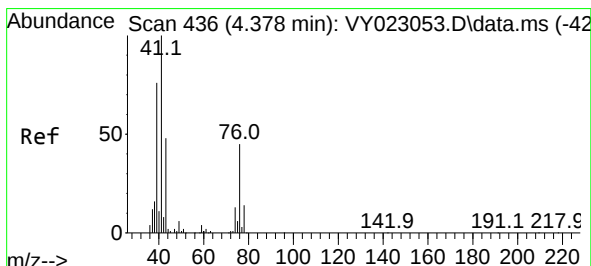
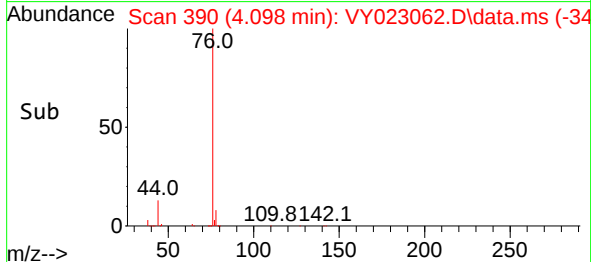
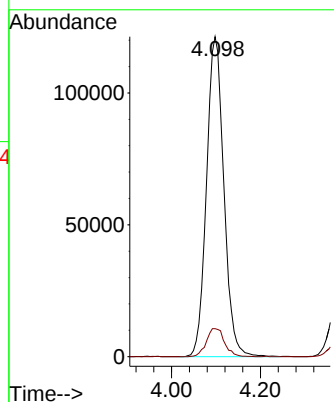
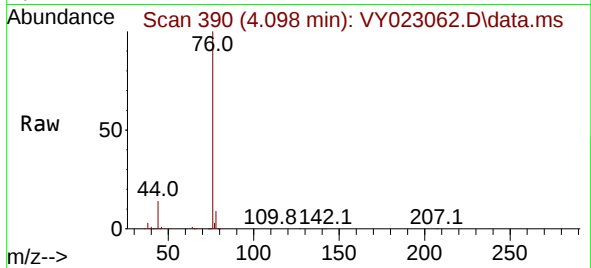




#17
Carbon Disulfide
Concen: 21.473 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

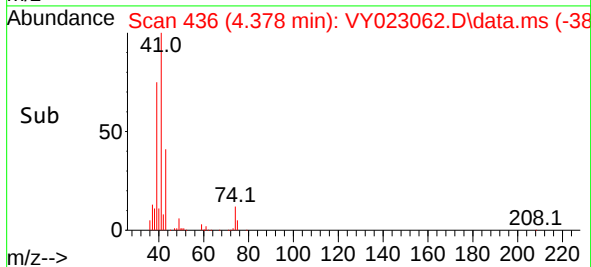
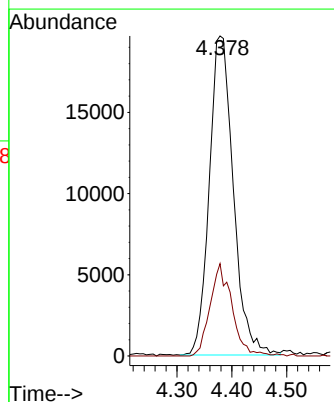
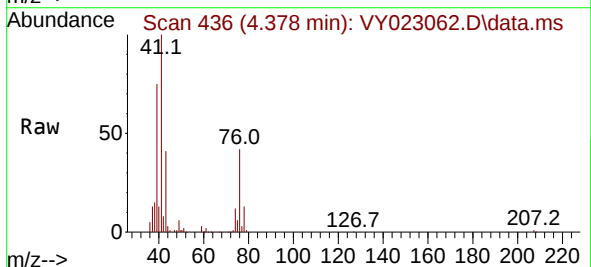
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

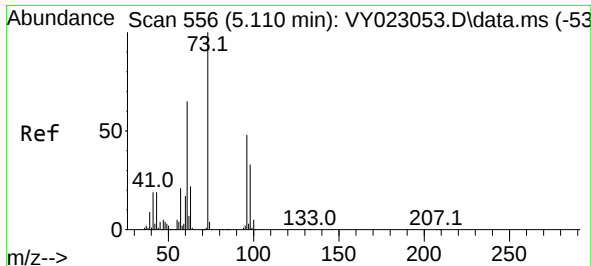
Tgt Ion: 76 Resp: 329468
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 19.946 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 43 Resp: 59847
Ion Ratio Lower Upper
43 100
74 26.3 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 20.534 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

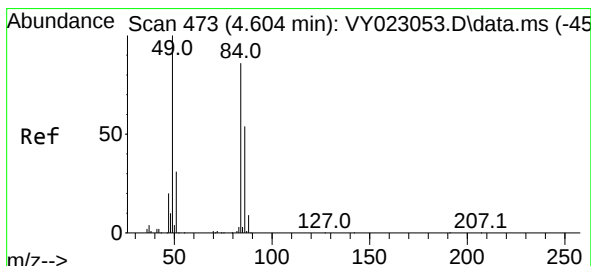
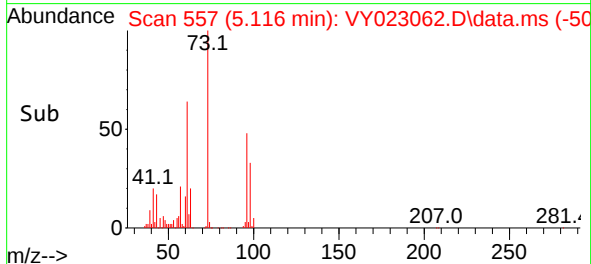
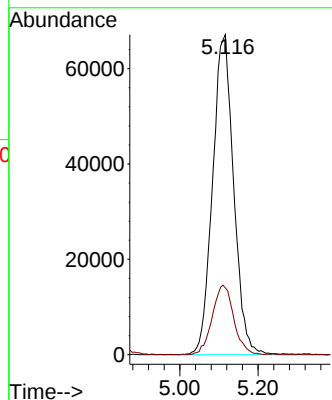
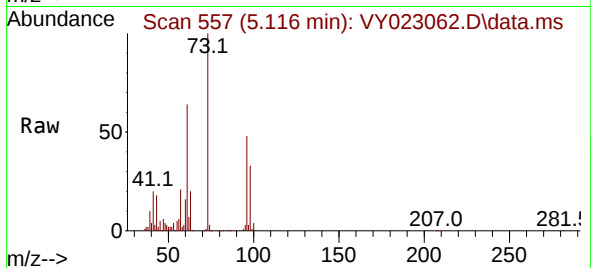
VY0813SBS01

Tgt Ion: 73 Resp: 250389

Ion Ratio Lower Upper

73 100

57 20.8 17.1 25.7



#20

Methylene Chloride

Concen: 22.677 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Tgt Ion: 84 Resp: 126594

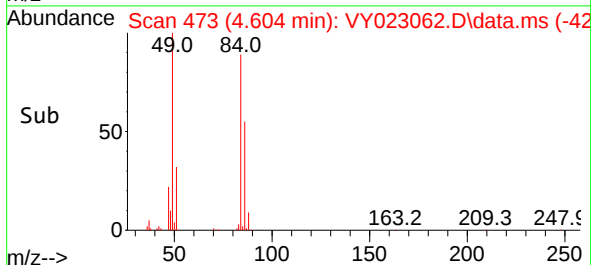
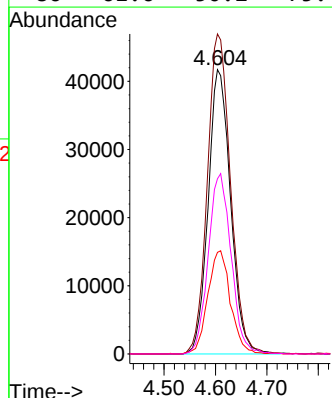
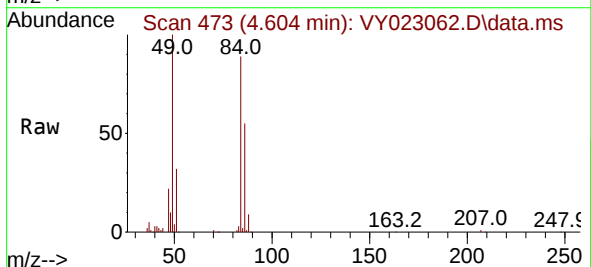
Ion Ratio Lower Upper

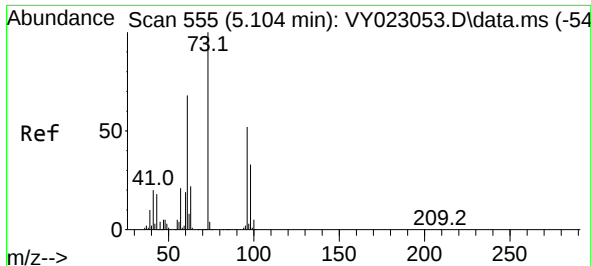
84 100

49 112.5 93.0 139.6

51 35.7 29.0 43.4

86 61.6 50.2 75.4

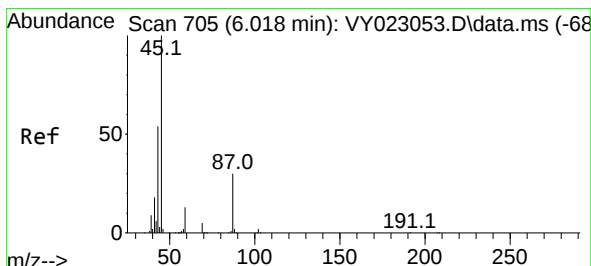
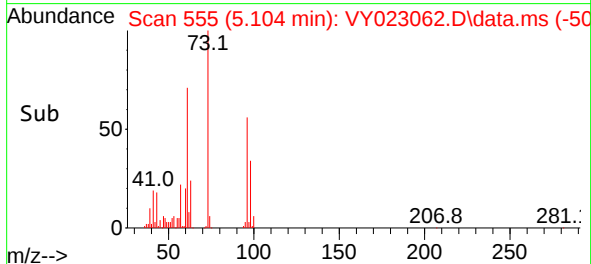
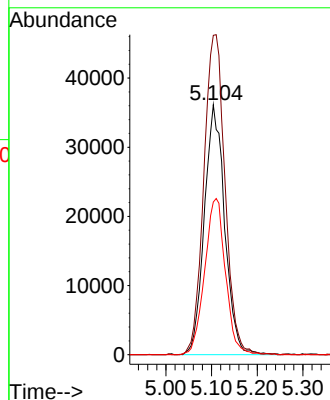
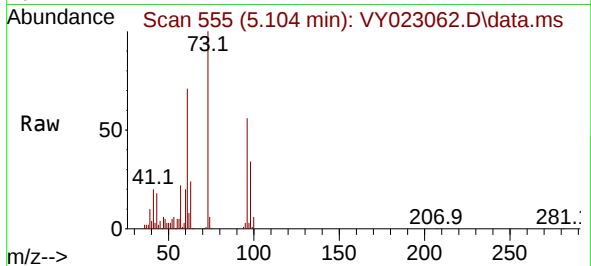




#21
trans-1,2-Dichloroethene
Concen: 21.175 ug/l
RT: 5.104 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

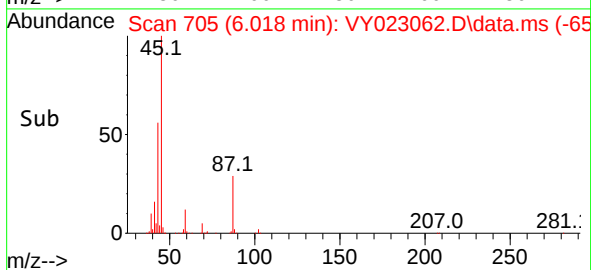
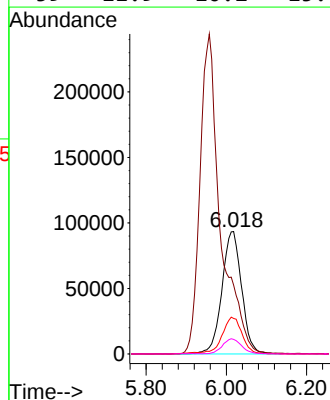
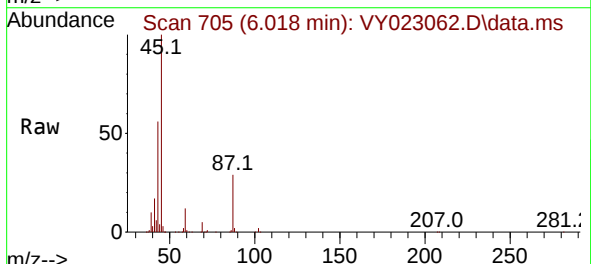
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

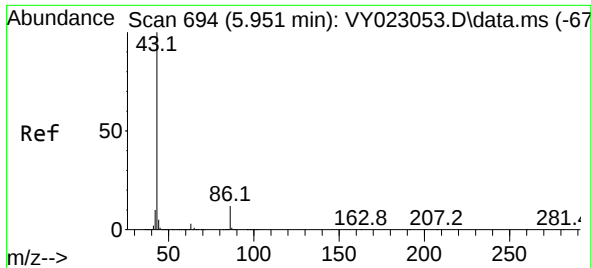
Tgt Ion: 96 Resp: 111980
Ion Ratio Lower Upper
96 100
61 127.8 104.8 157.2
98 61.1 50.1 75.1



#22
Diisopropyl ether
Concen: 21.174 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 45 Resp: 318585
Ion Ratio Lower Upper
45 100
43 56.0 43.4 65.0
87 28.9 24.4 36.6
59 11.9 10.2 15.4

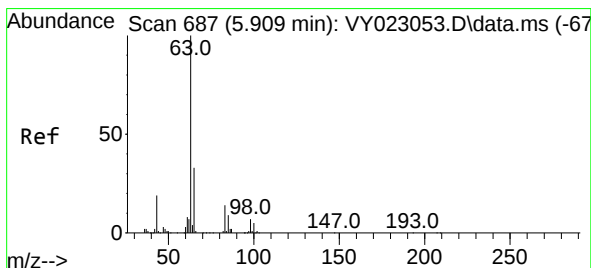
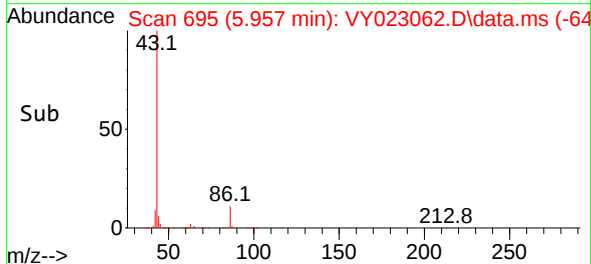
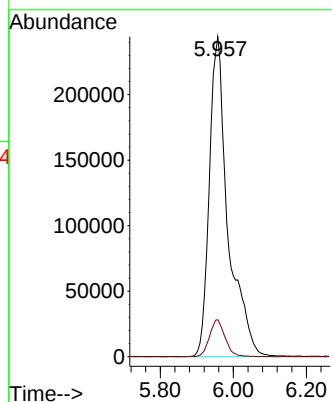
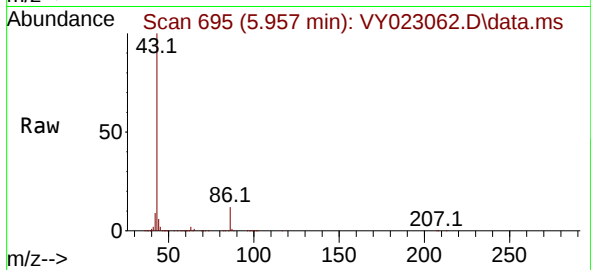




#23
 Vinyl Acetate
 Concen: 103.955 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

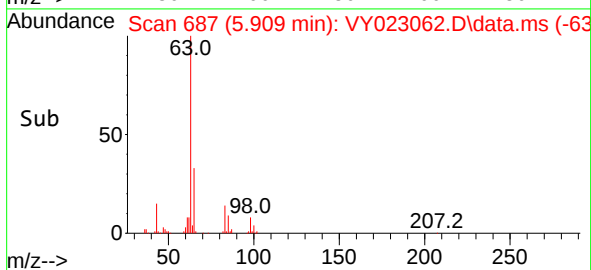
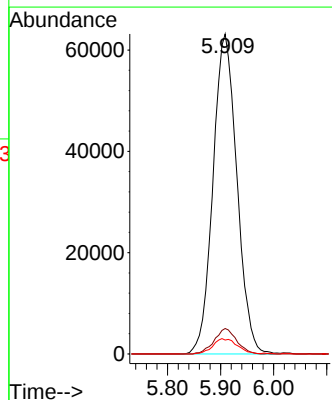
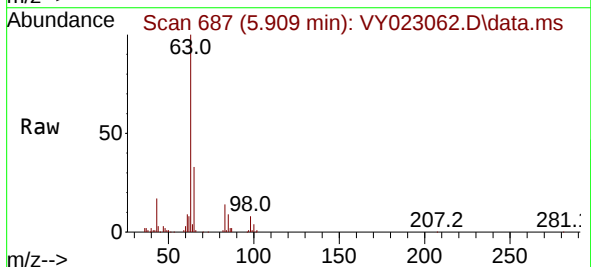
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

Tgt Ion: 43 Resp: 864882
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 21.491 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

Tgt Ion: 63 Resp: 197693
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 4.3 2.4 7.1

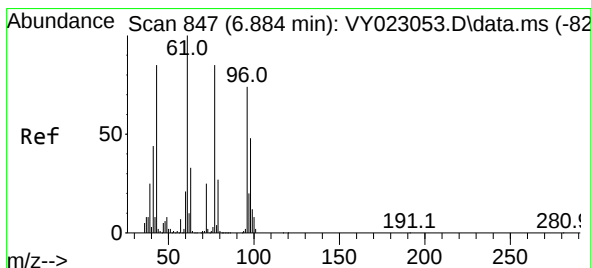
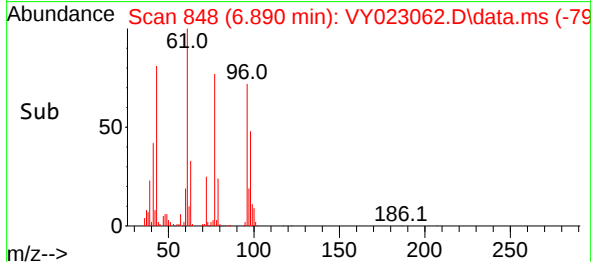
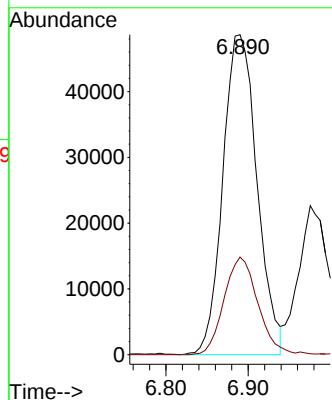
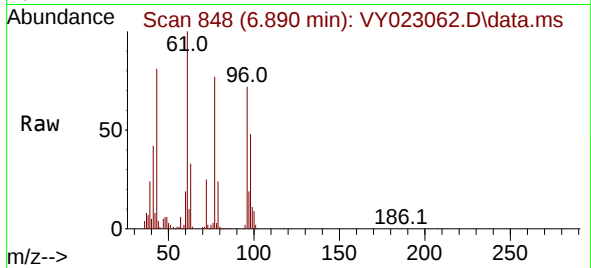




#25
2-Butanone
Concen: 102.531 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

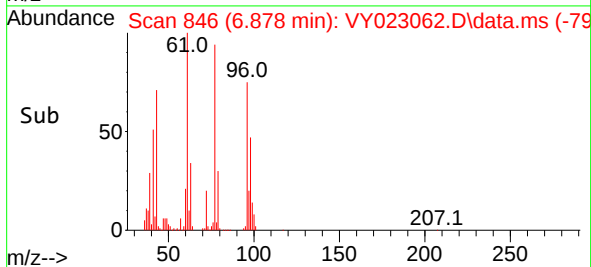
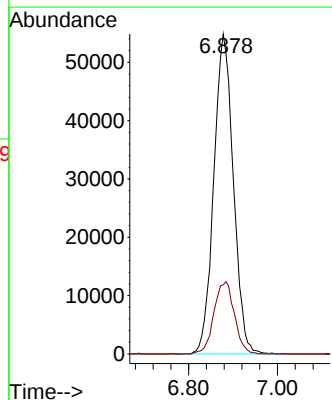
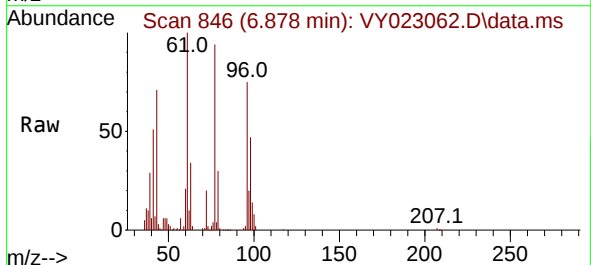
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

Tgt Ion: 43 Resp: 140600
Ion Ratio Lower Upper
43 100
72 30.5 23.5 35.3



#26
2,2-Dichloropropane
Concen: 21.077 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 77 Resp: 167303
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.871 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

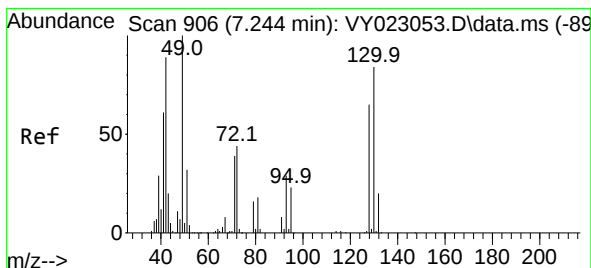
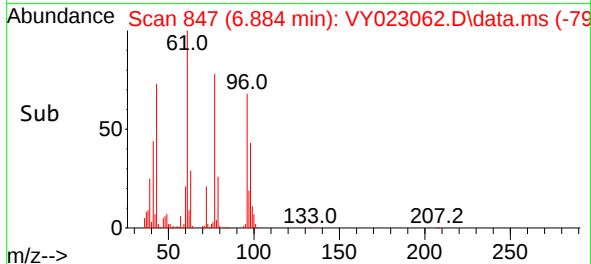
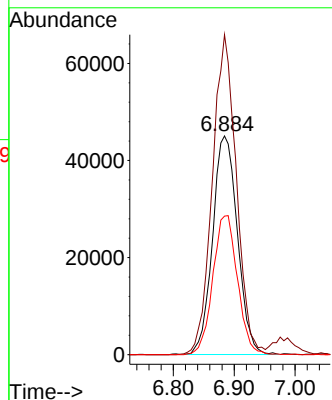
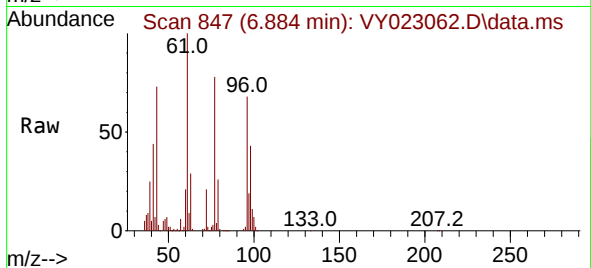
Tgt Ion: 96 Resp: 127595

Ion Ratio Lower Upper

96 100

61 141.4 0.0 278.6

98 63.2 0.0 130.4



#28

Bromochloromethane

Concen: 21.087 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

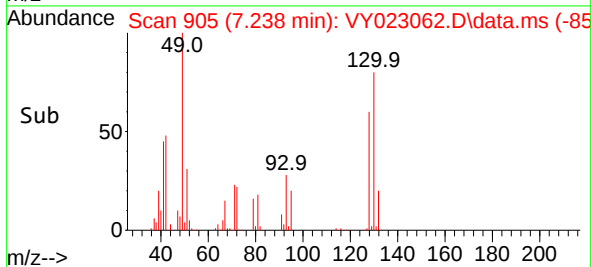
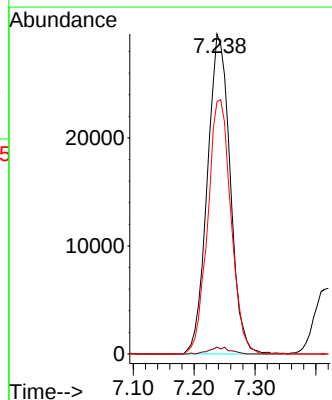
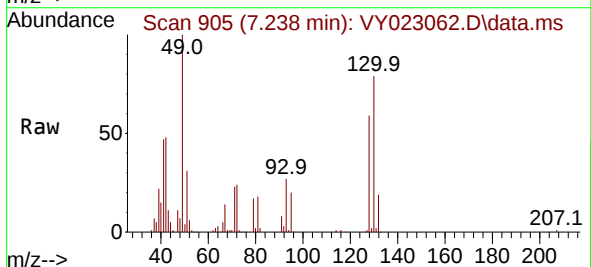
Tgt Ion: 49 Resp: 76958

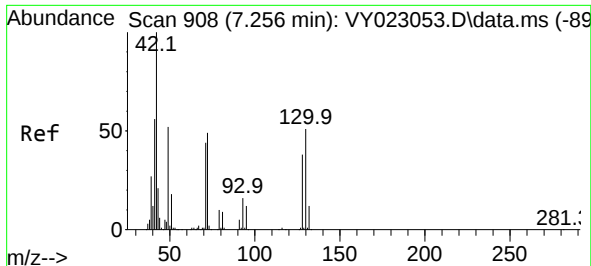
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 80.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 101.371 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

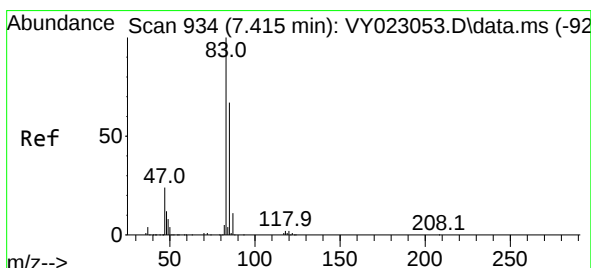
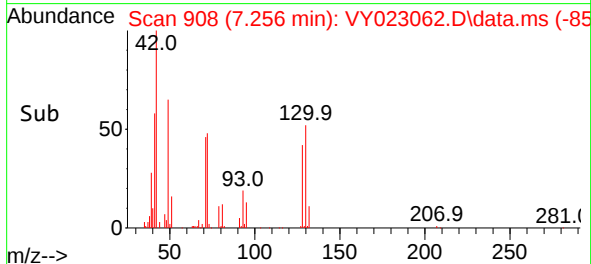
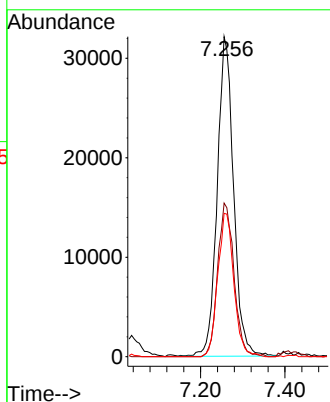
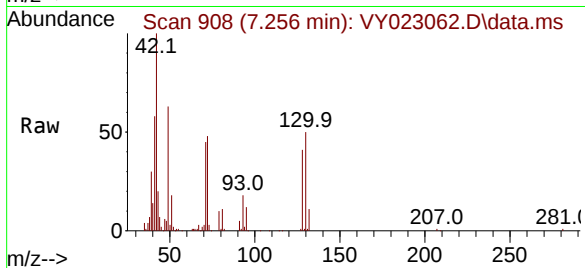
Tgt Ion: 42 Resp: 86166

Ion Ratio Lower Upper

42 100

72 48.1 39.4 59.2

71 44.2 36.5 54.7



#30

Chloroform

Concen: 21.452 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY023062.D

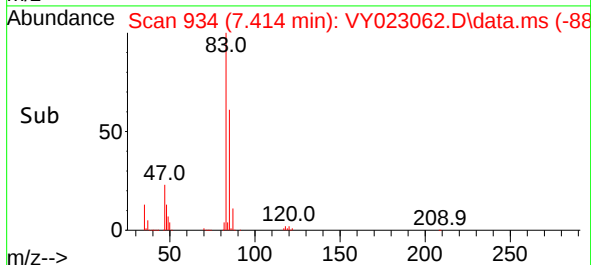
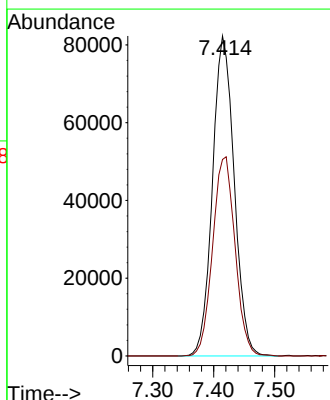
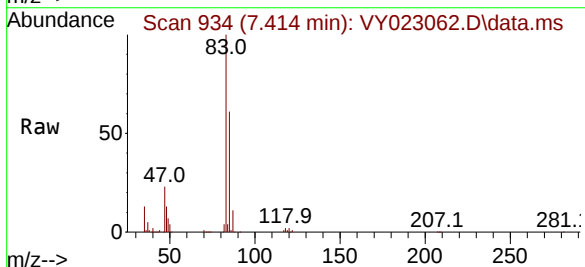
Acq: 13 Aug 2025 11:32

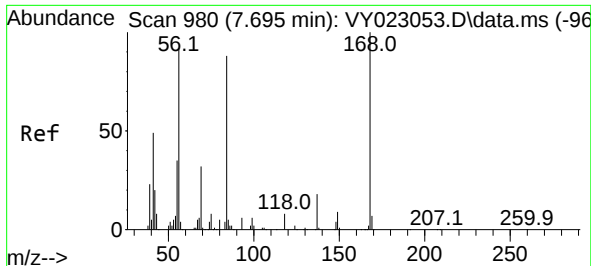
Tgt Ion: 83 Resp: 203522

Ion Ratio Lower Upper

83 100

85 61.4 53.8 80.8

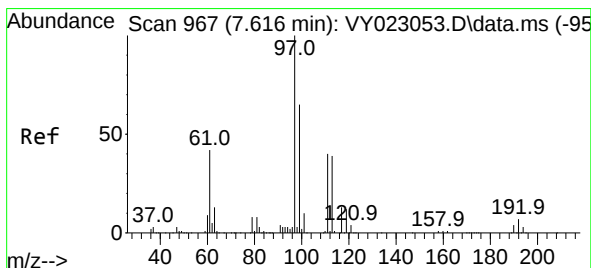
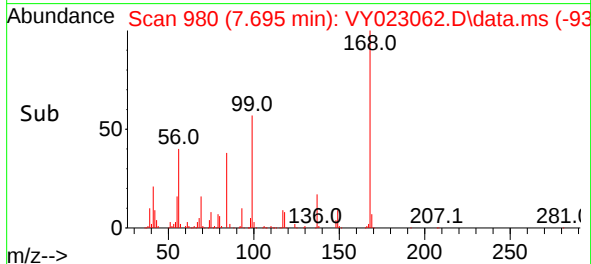
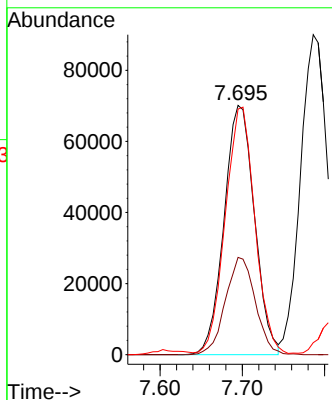
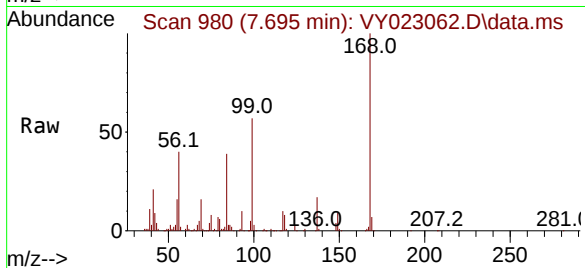




#31
Cyclohexane
Concen: 20.838 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

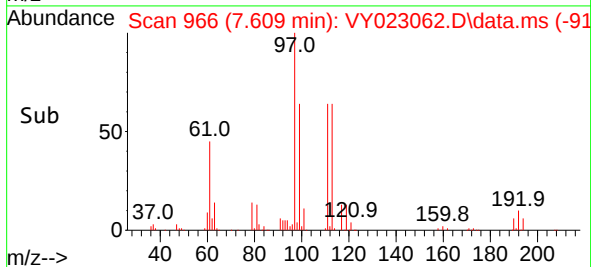
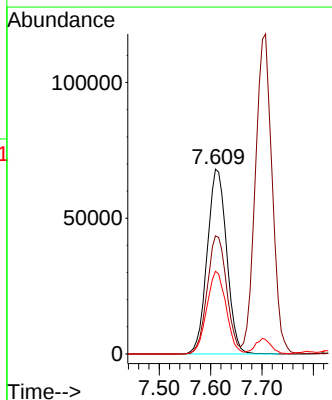
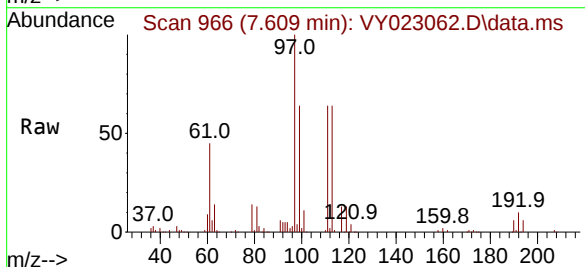
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

Tgt Ion: 56 Resp: 180636
Ion Ratio Lower Upper
56 100
69 39.0 28.2 42.2
84 97.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.232 ug/l
RT: 7.609 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 97 Resp: 178730
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 44.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 52.851 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

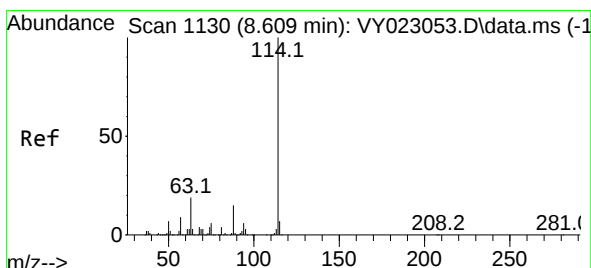
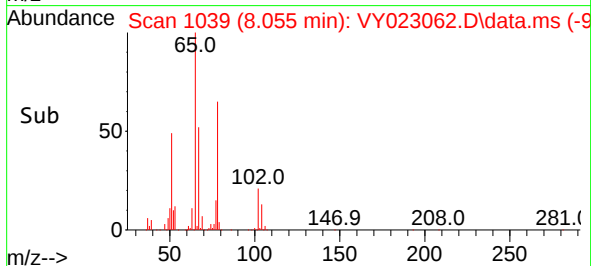
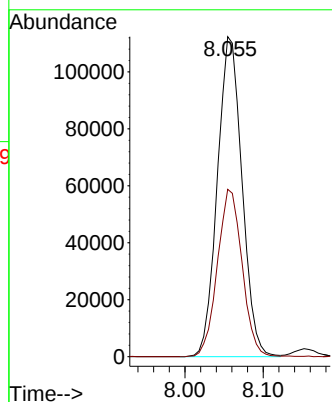
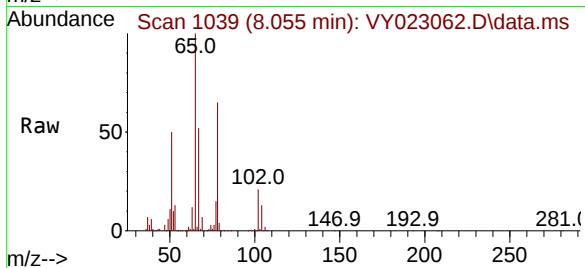
VY0813SBS01

Tgt Ion: 65 Resp: 245971

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

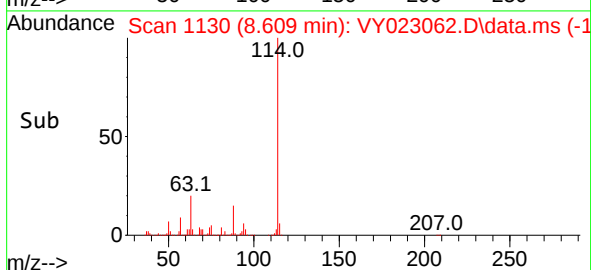
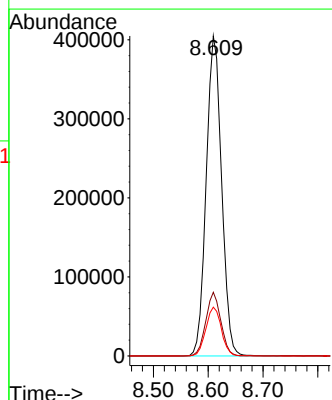
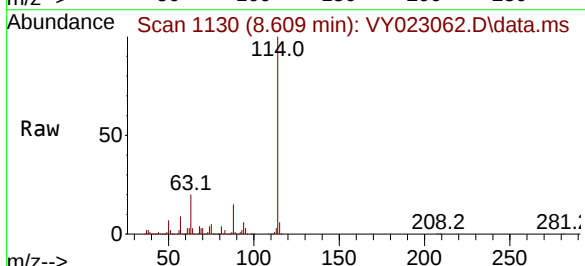
Tgt Ion: 114 Resp: 786599

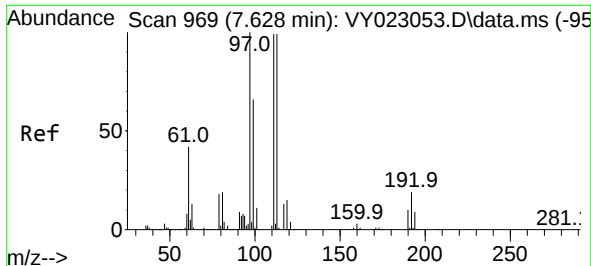
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 15.3 0.0 30.0

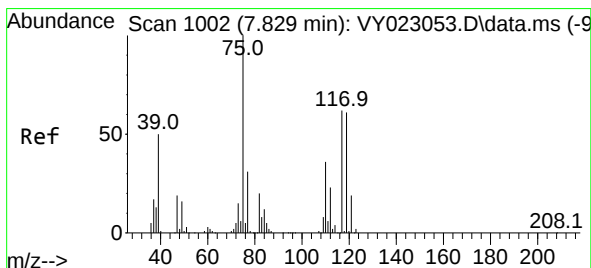
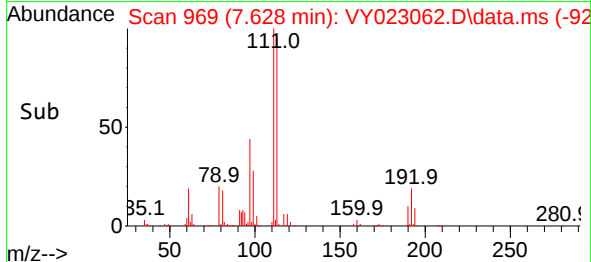
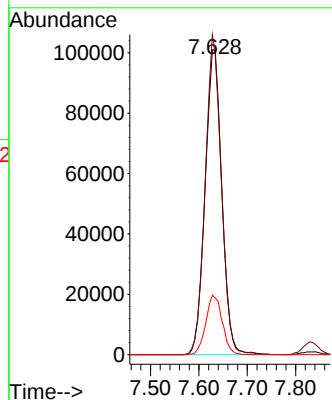
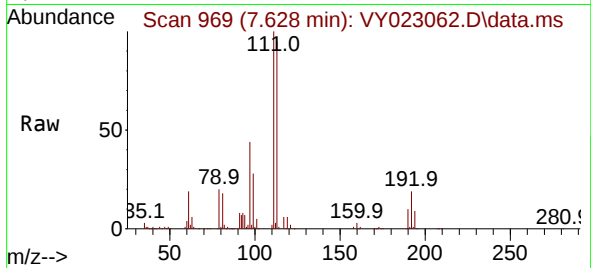




#35
Dibromofluoromethane
Concen: 51.780 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

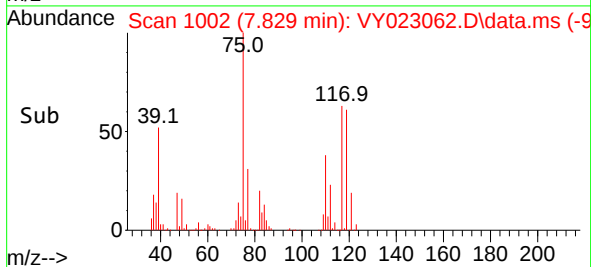
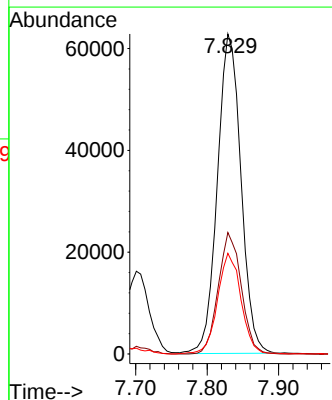
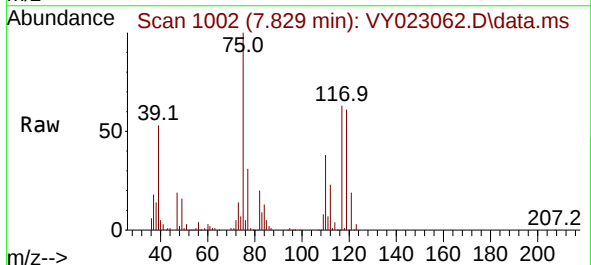
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

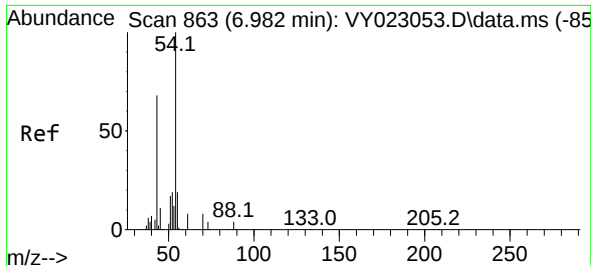
Tgt Ion:113 Resp: 243718
Ion Ratio Lower Upper
113 100
111 100.8 81.1 121.7
192 19.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.546 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 75 Resp: 143716
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.4
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 20.800 ug/l

RT: 6.975 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

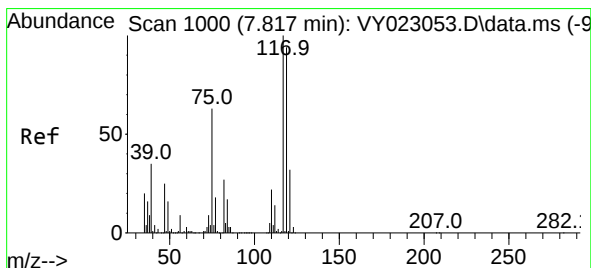
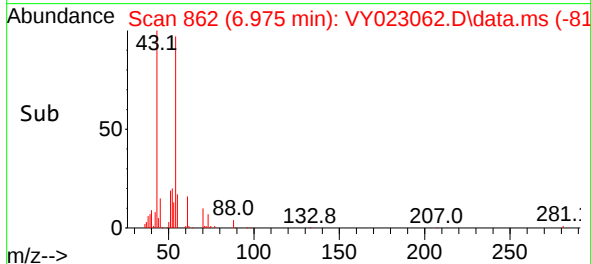
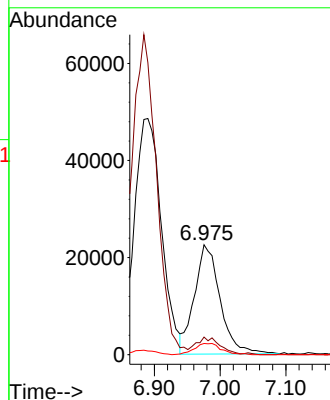
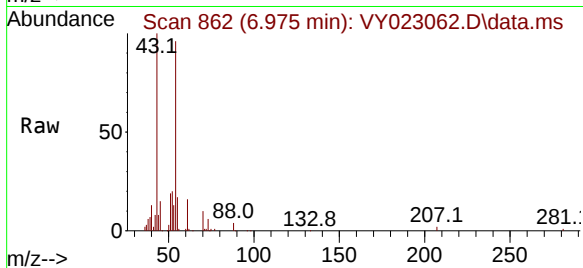
Tgt Ion: 43 Resp: 61117

Ion Ratio Lower Upper

43 100

61 13.4 11.9 17.9

70 10.8 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.772 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

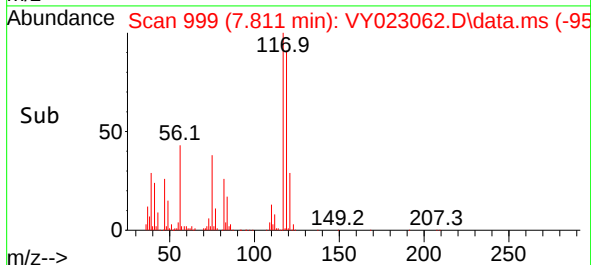
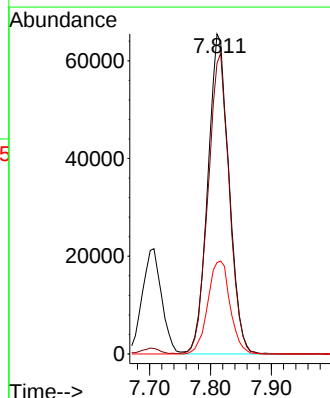
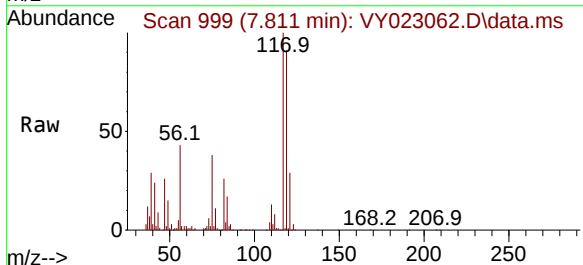
Tgt Ion: 117 Resp: 157813

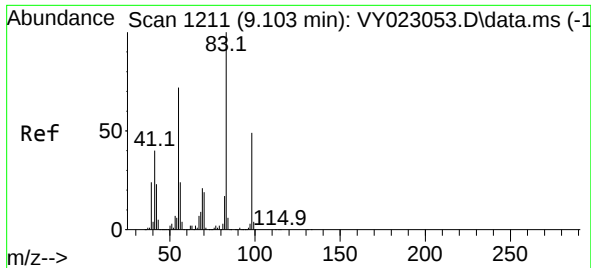
Ion Ratio Lower Upper

117 100

119 90.8 75.6 113.4

121 28.6 25.8 38.8

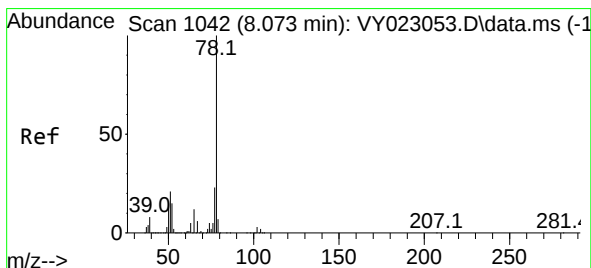
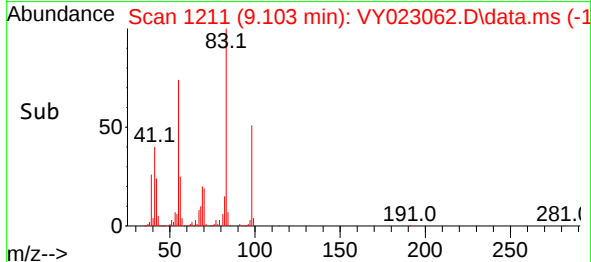
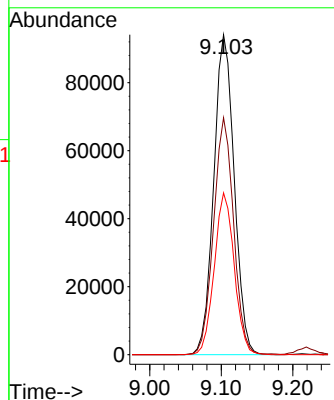
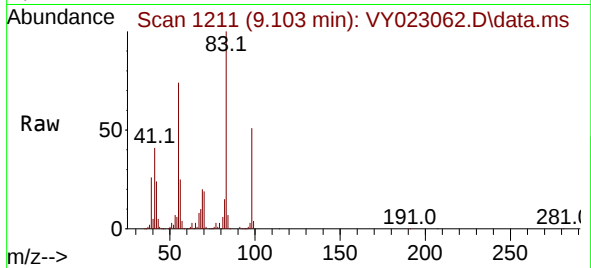




#39
Methylcyclohexane
Concen: 20.308 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

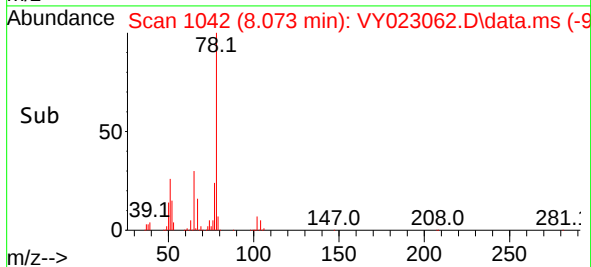
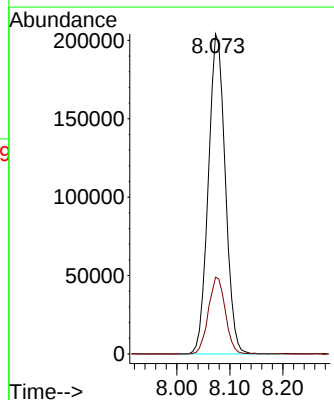
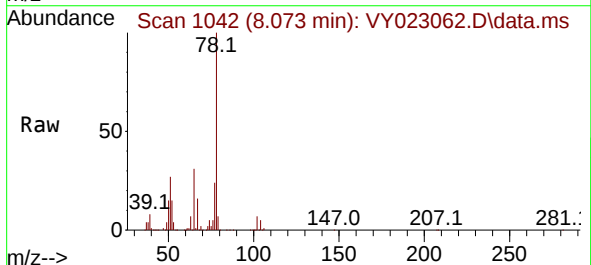
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

Tgt Ion: 83 Resp: 187063
Ion Ratio Lower Upper
83 100
55 74.0 57.6 86.4
98 50.5 39.2 58.8



#40
Benzene
Concen: 21.016 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 78 Resp: 453091
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

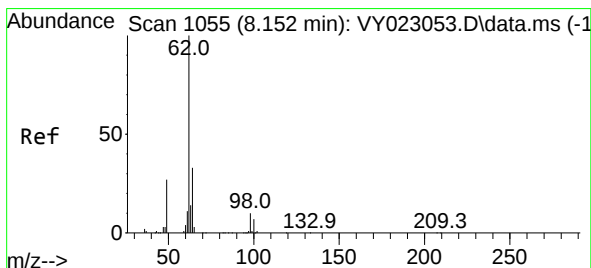
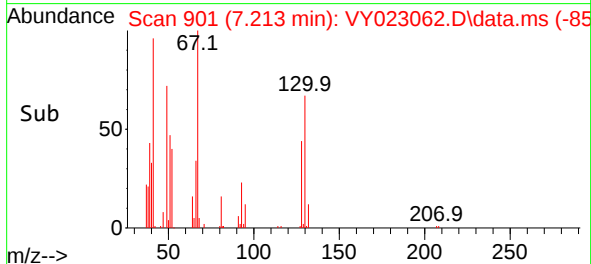
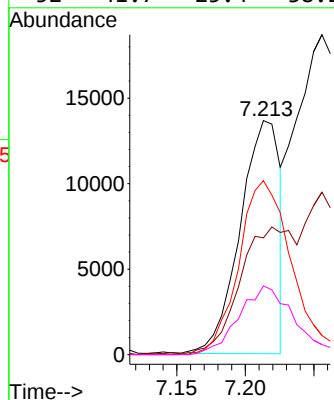
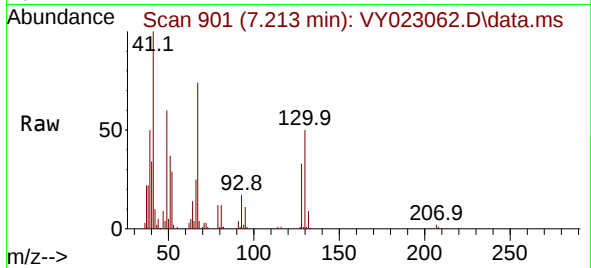




#41
Methacrylonitrile
Concen: 16.222 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

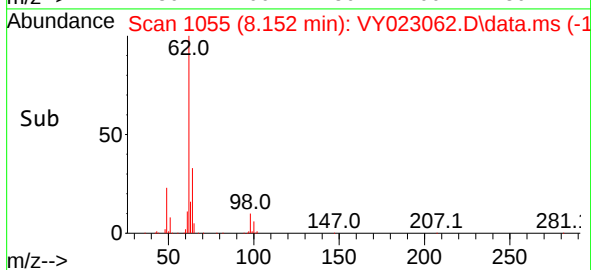
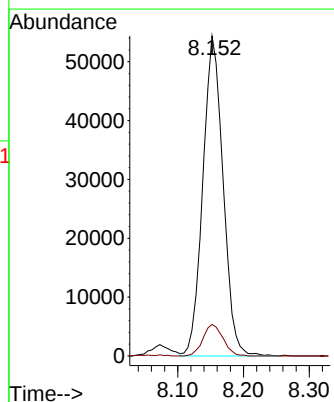
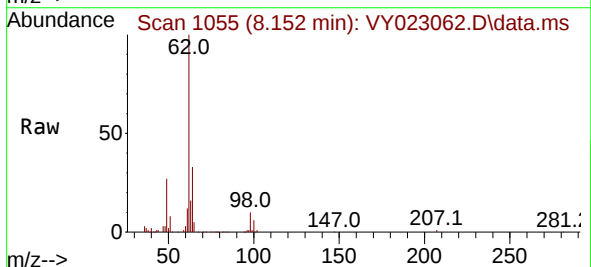
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

Tgt Ion: 41 Resp: 27510
Ion Ratio Lower Upper
41 100
39 76.5 43.4 65.2#
67 99.3 63.6 95.4#
52 41.7 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 20.787 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 62 Resp: 116555
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.6

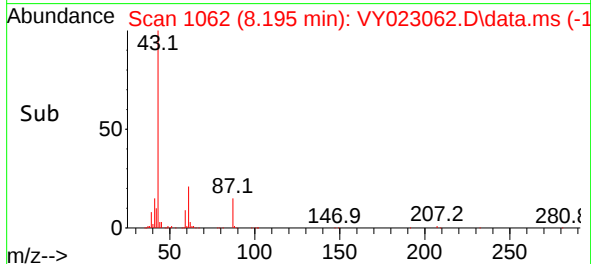
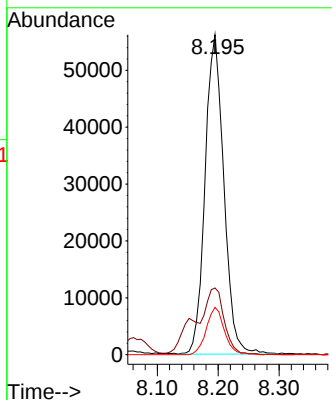
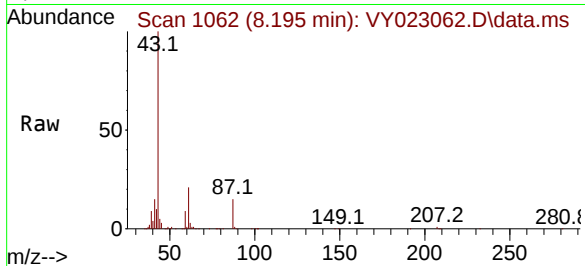




#43
Isopropyl Acetate
Concen: 20.250 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

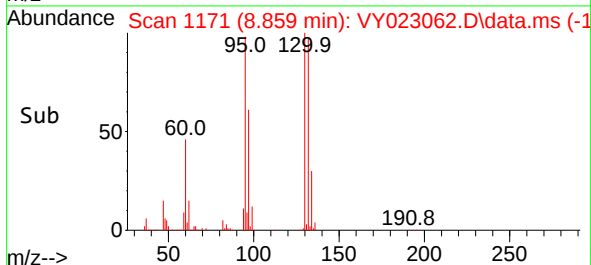
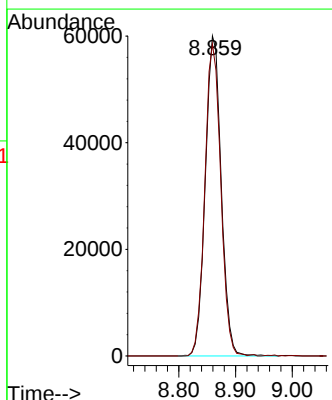
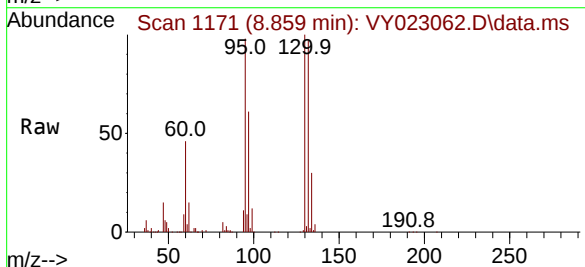
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

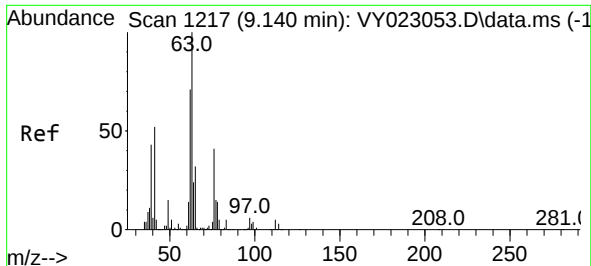
Tgt Ion: 43 Resp: 120262
Ion Ratio Lower Upper
43 100
61 20.8 16.4 24.6
87 14.3 11.8 17.6



#44
Trichloroethene
Concen: 21.003 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion:130 Resp: 117017
Ion Ratio Lower Upper
130 100
95 97.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.986 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

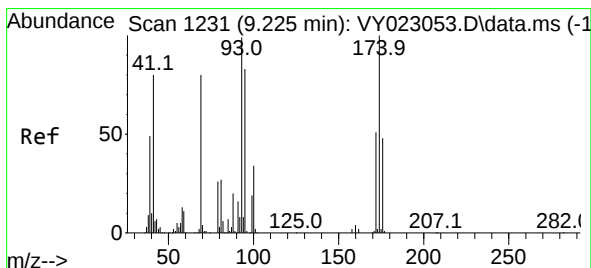
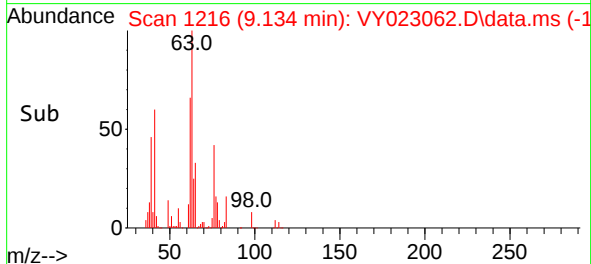
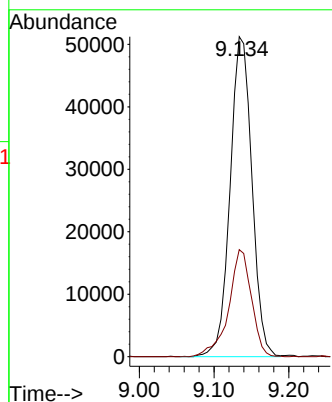
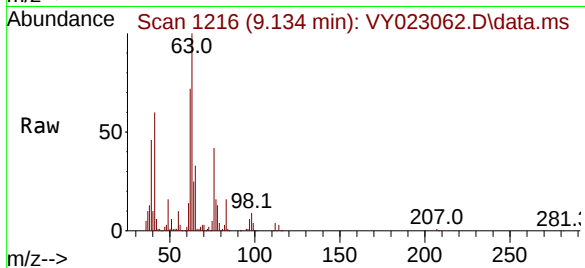
VY0813SBS01

Tgt Ion: 63 Resp: 104104

Ion Ratio Lower Upper

63 100

65 33.5 25.3 37.9



#46

Dibromomethane

Concen: 20.696 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

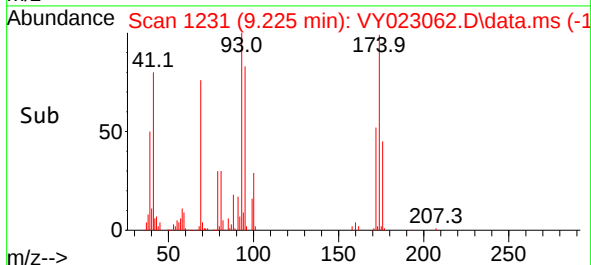
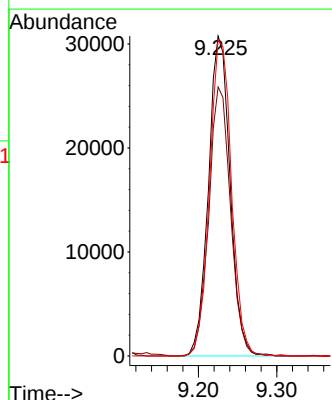
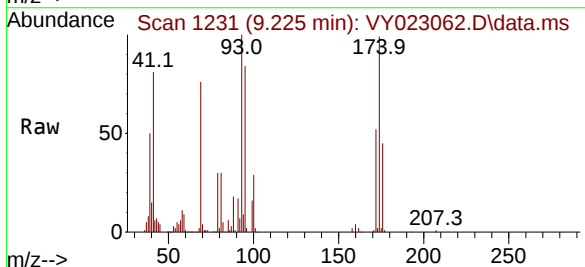
Tgt Ion: 93 Resp: 58925

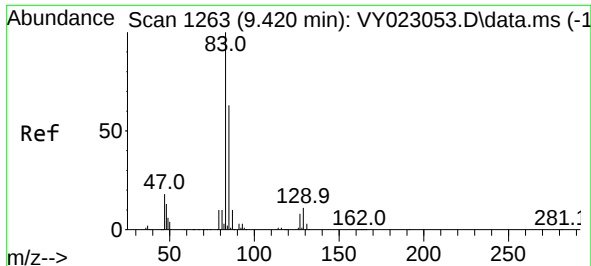
Ion Ratio Lower Upper

93 100

95 84.9 66.5 99.7

174 100.1 81.8 122.8

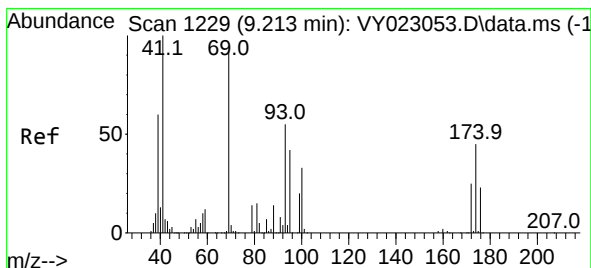
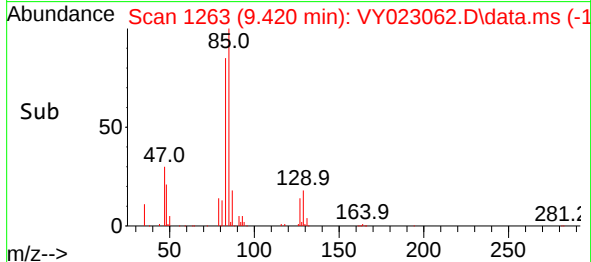
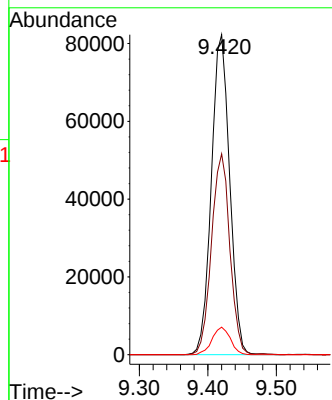
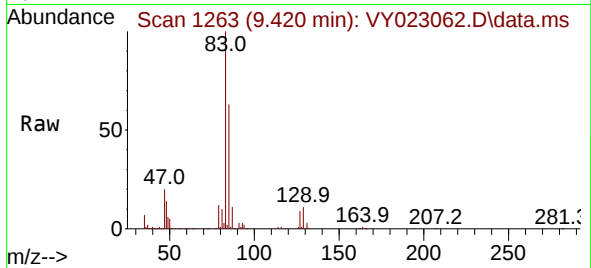




#47
Bromodichloromethane
Concen: 20.850 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

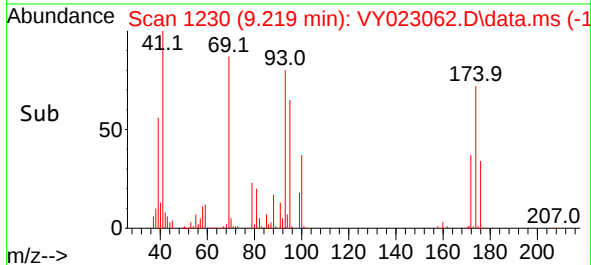
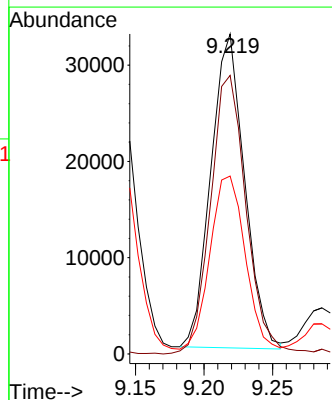
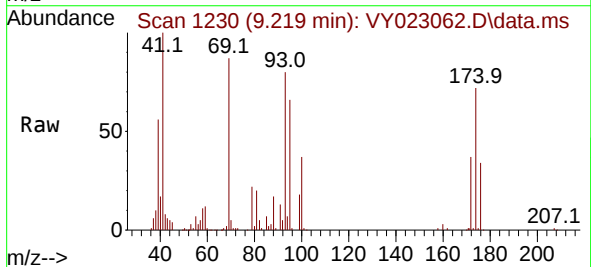
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

Tgt Ion: 83 Resp: 152756
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 19.618 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 41 Resp: 55751
Ion Ratio Lower Upper
41 100
69 94.1 73.2 109.8
39 57.6 47.0 70.4





#49

1,4-Dioxane

Concen: 411.688 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

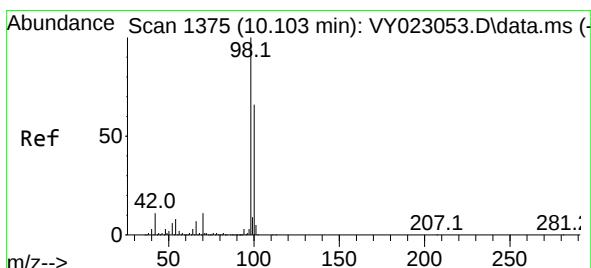
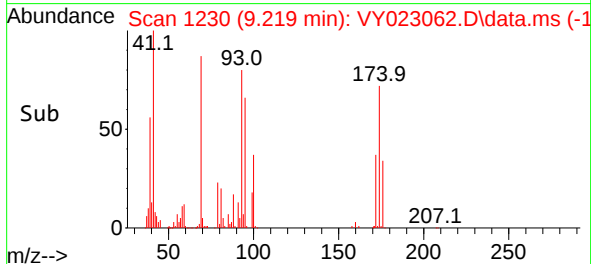
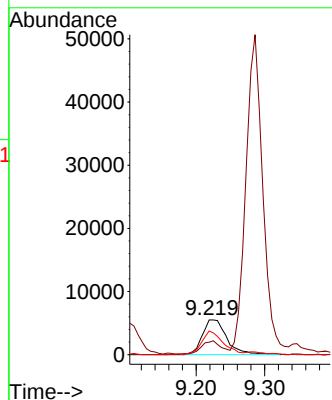
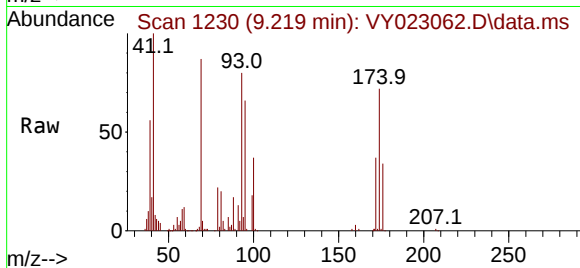
Tgt Ion: 88 Resp: 13744

Ion Ratio Lower Upper

88 100

43 30.7 24.3 36.5

58 59.9 55.4 83.0



#50

Toluene-d8

Concen: 51.313 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023062.D

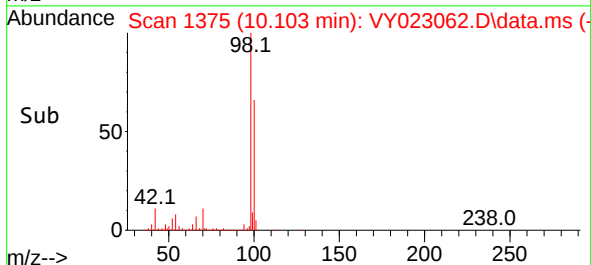
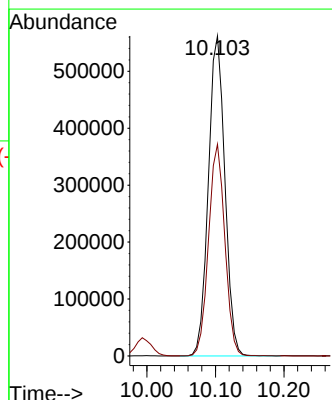
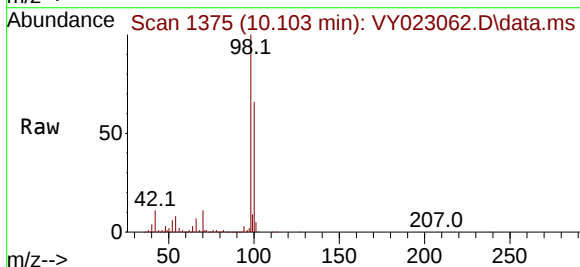
Acq: 13 Aug 2025 11:32

Tgt Ion: 98 Resp: 943517

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

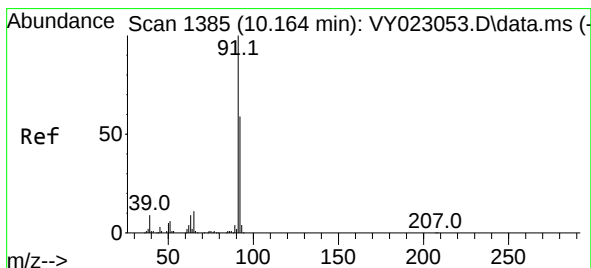
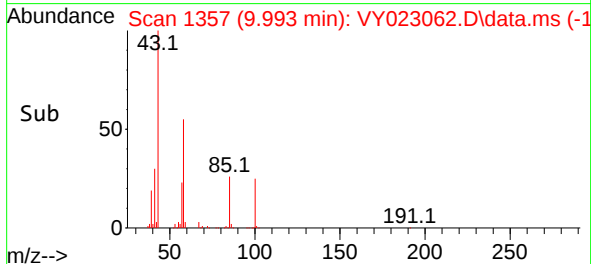
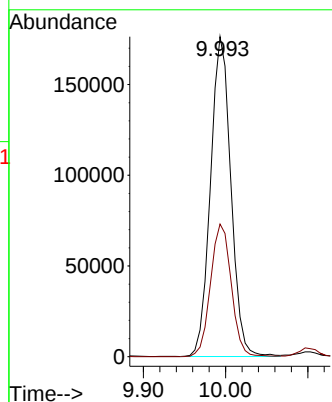
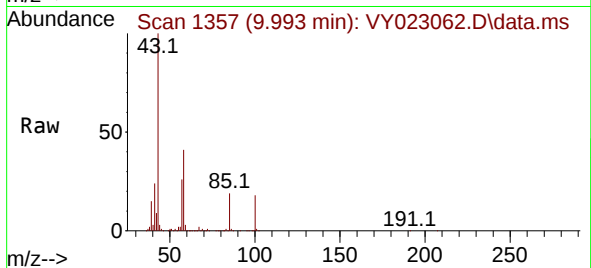




#51
4-Methyl-2-Pentanone
Concen: 99.235 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

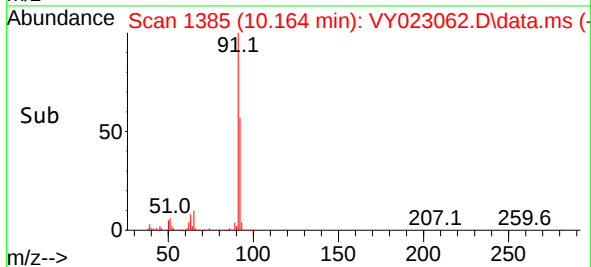
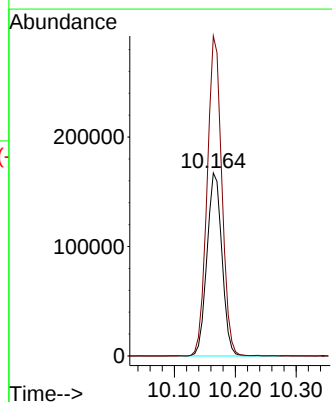
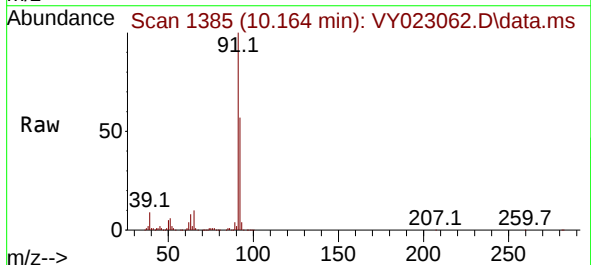
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

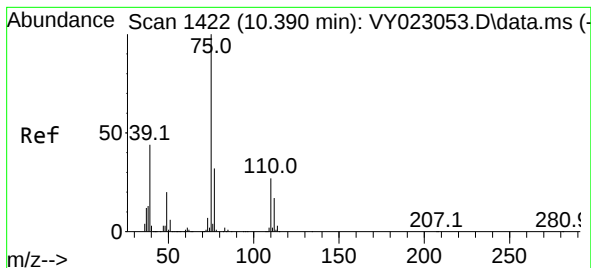
Tgt Ion: 43 Resp: 304003
Ion Ratio Lower Upper
43 100
58 42.2 33.5 50.3



#52
Toluene
Concen: 20.876 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 92 Resp: 285848
Ion Ratio Lower Upper
92 100
91 171.3 136.4 204.6

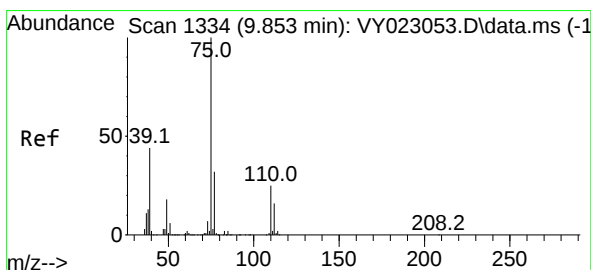
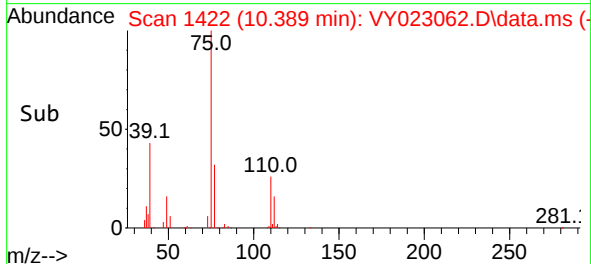
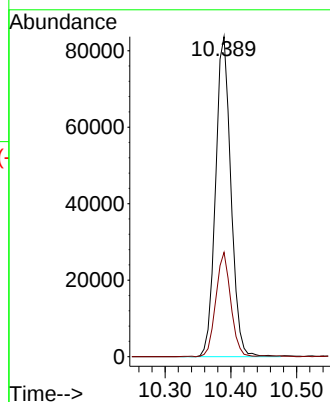
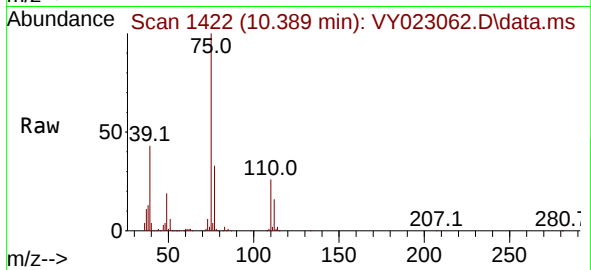




#53
 t-1,3-Dichloropropene
 Concen: 20.467 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

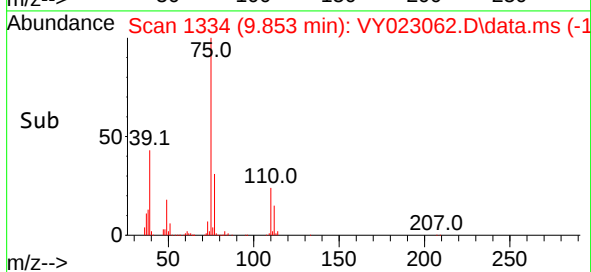
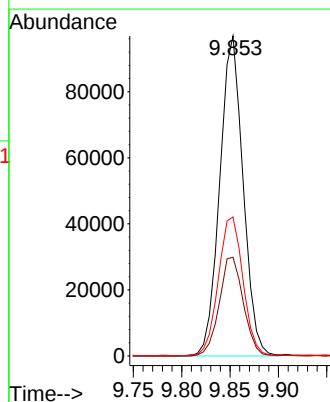
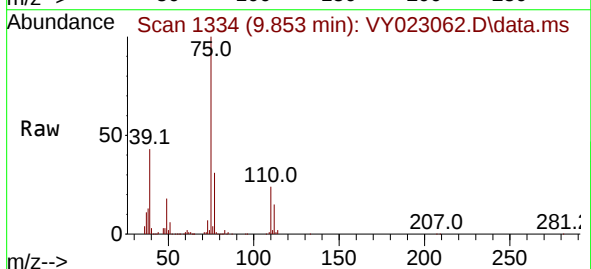
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBSD01

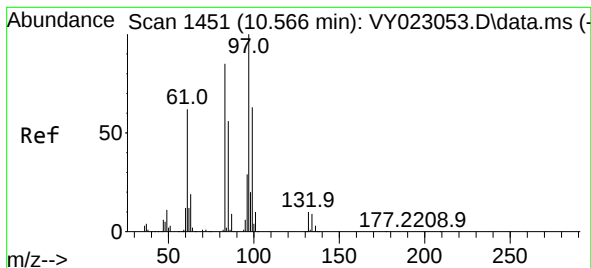
Tgt Ion: 75 Resp: 135784
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.683 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

Tgt Ion: 75 Resp: 162259
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 43.4 35.6 53.4

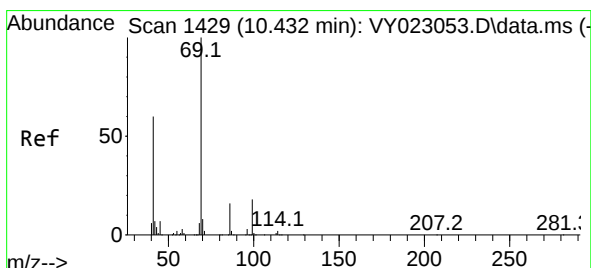
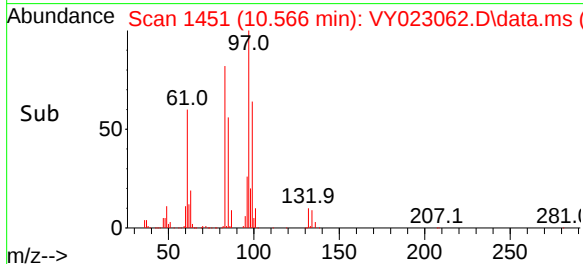
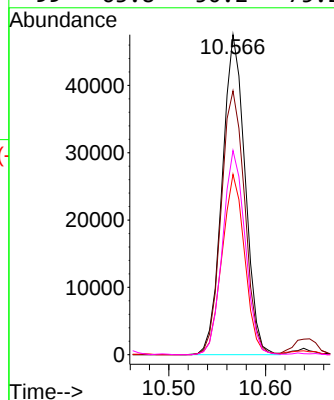
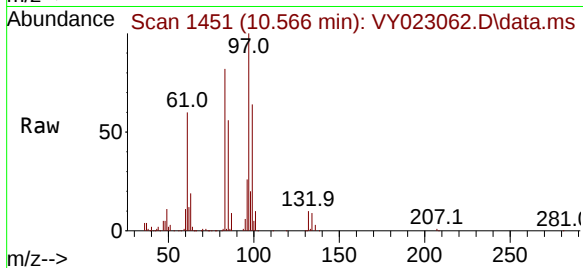




#55
1,1,2-Trichloroethane
Concen: 20.514 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

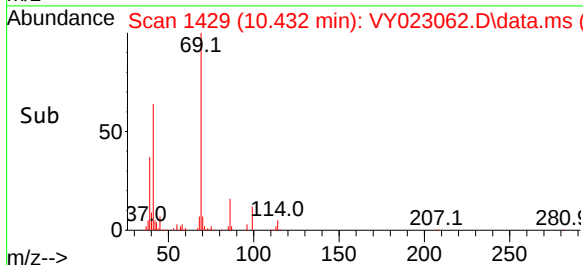
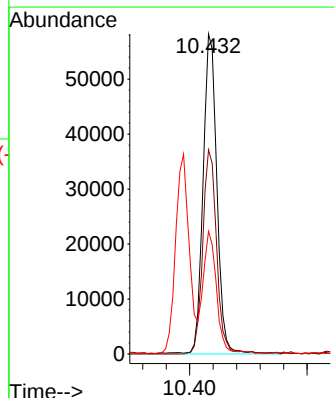
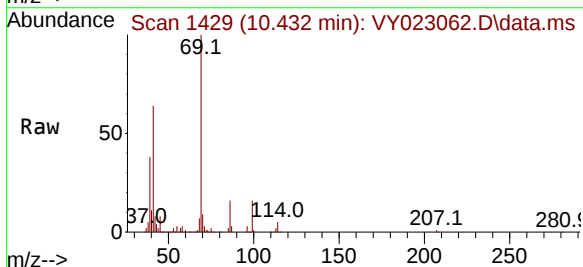
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

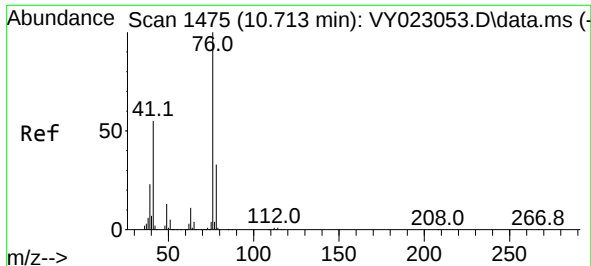
Tgt Ion:	97	Resp:	78157
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.7	101.5
85	56.3	44.5	66.7
99	63.8	50.2	75.2



#56
Ethyl methacrylate
Concen: 19.494 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion:	69	Resp:	95035
Ion	Ratio	Lower	Upper
69	100		
41	63.2	48.6	72.8
39	36.3	27.0	40.4





#57

1,3-Dichloropropane

Concen: 20.516 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

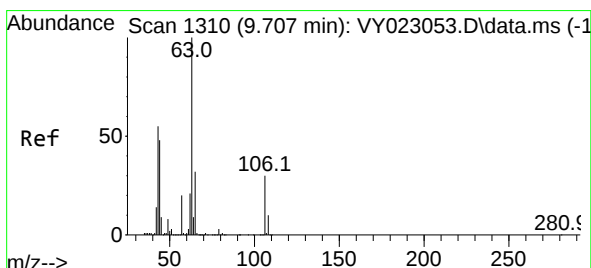
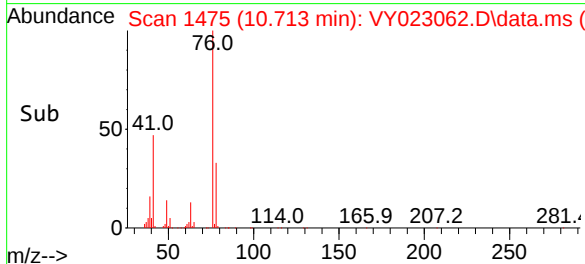
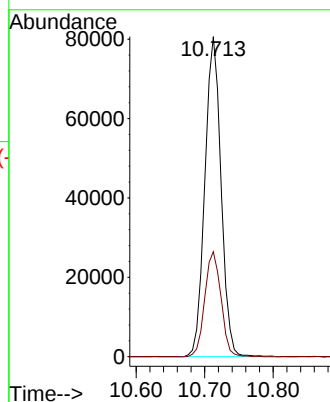
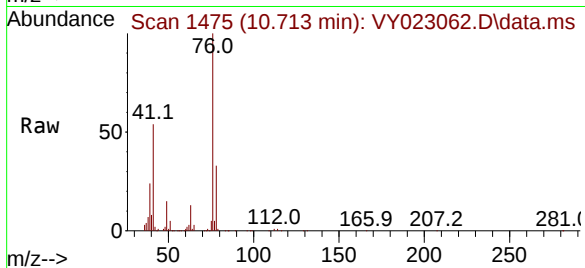
VY0813SBSD01

Tgt Ion: 76 Resp: 132561

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.276 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023062.D

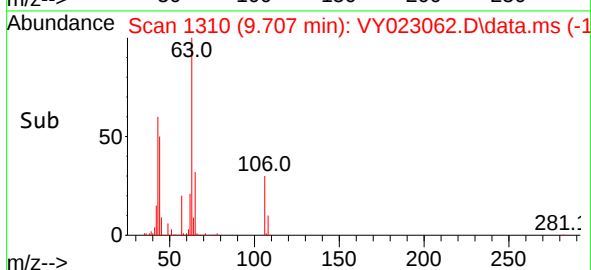
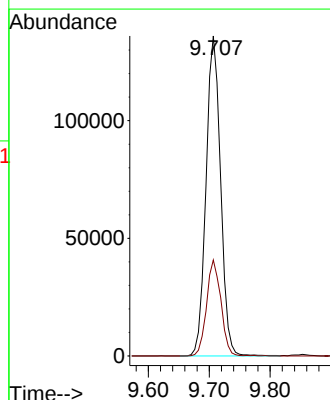
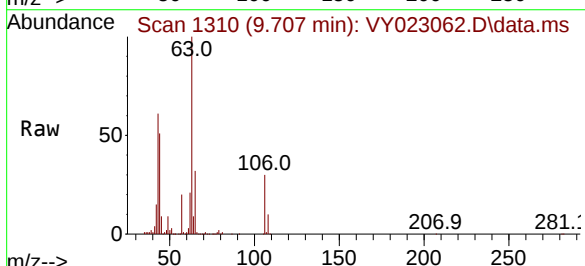
Acq: 13 Aug 2025 11:32

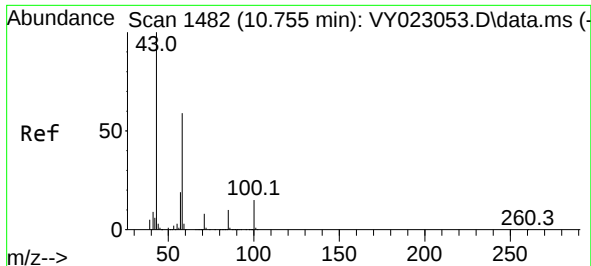
Tgt Ion: 63 Resp: 225995

Ion Ratio Lower Upper

63 100

106 29.5 23.2 34.8

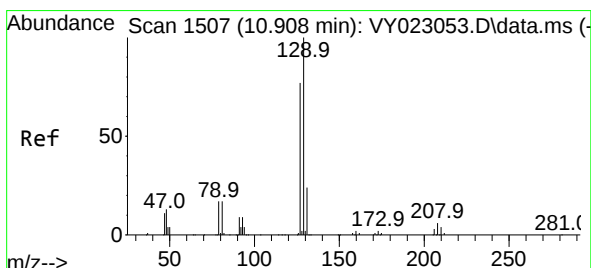
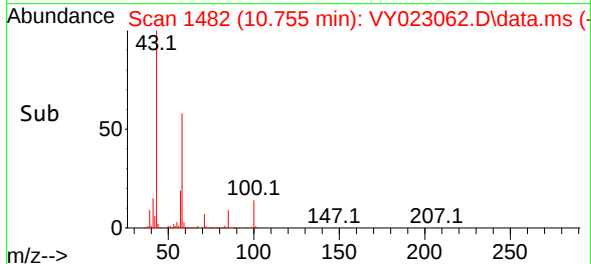
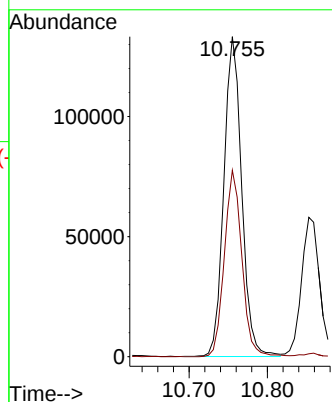
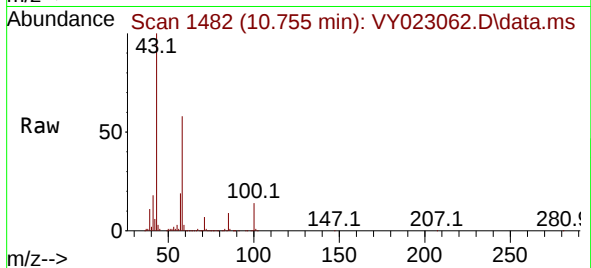




#59
2-Hexanone
Concen: 101.087 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

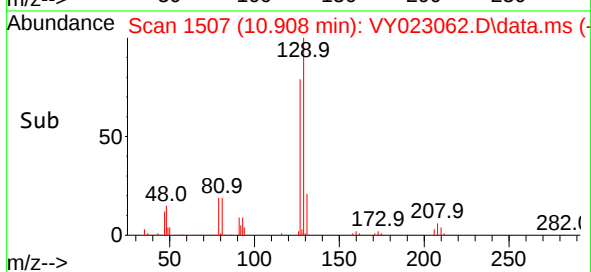
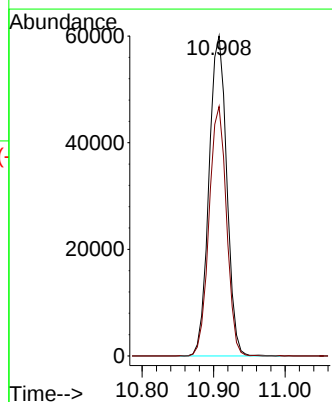
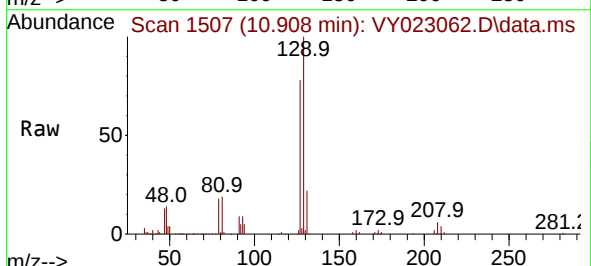
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

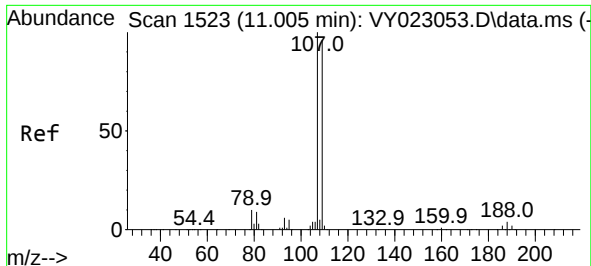
Tgt Ion: 43 Resp: 210867
Ion Ratio Lower Upper
43 100
58 57.4 29.5 88.5



#60
Dibromochloromethane
Concen: 20.553 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 129 Resp: 103323
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

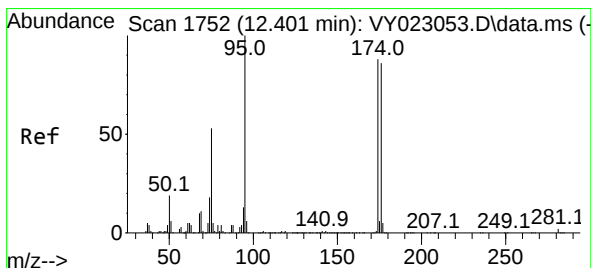
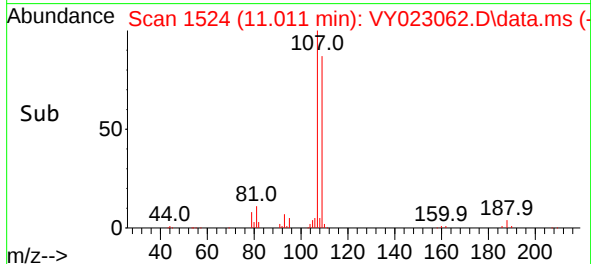
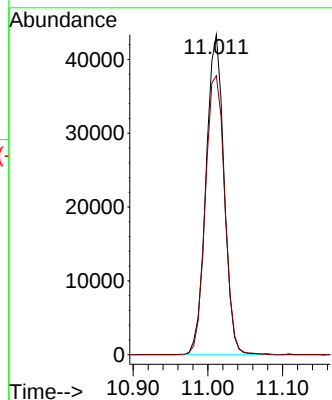
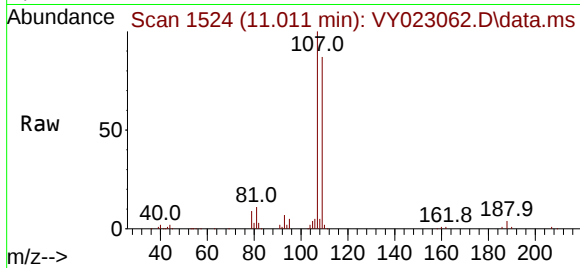




#61
1,2-Dibromoethane
Concen: 20.221 ug/l
RT: 11.011 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

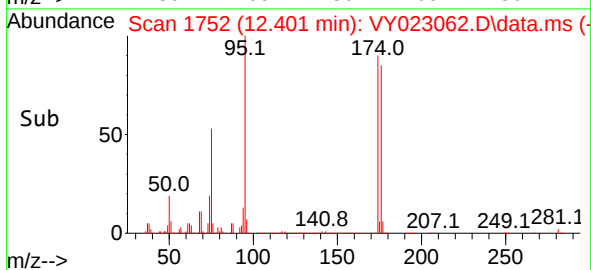
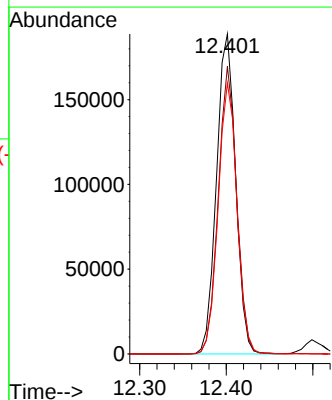
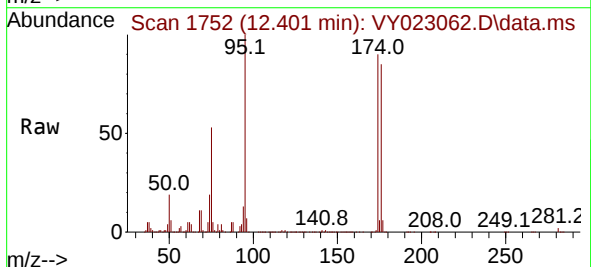
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

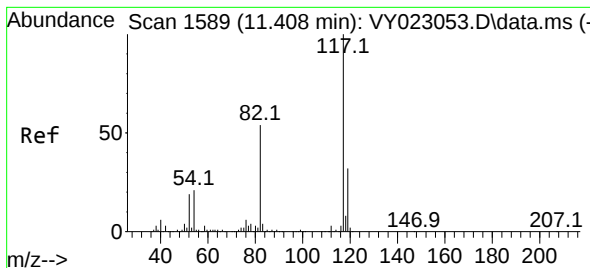
Tgt Ion:107 Resp: 72407
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.012 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 95 Resp: 289823
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 83.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

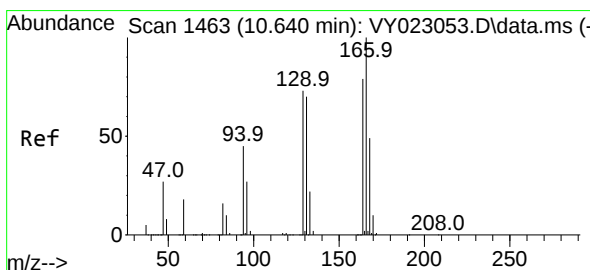
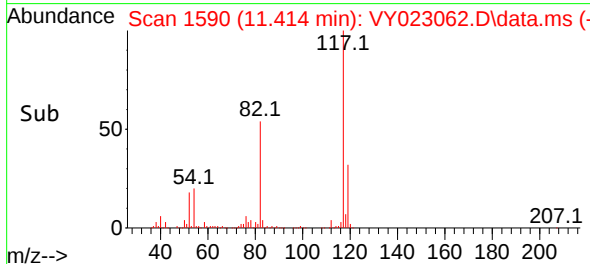
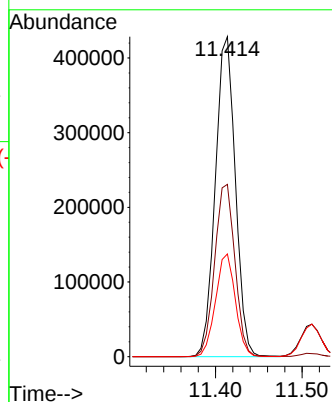
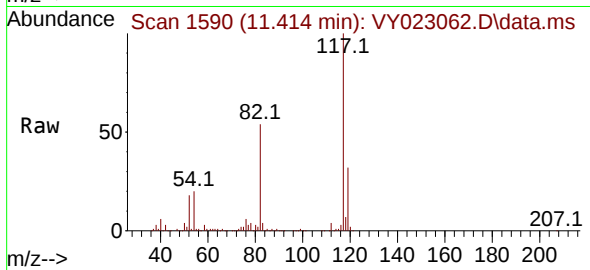
Tgt Ion:117 Resp: 688987

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 22.251 ug/l

RT: 10.639 min Scan# 1463

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Tgt Ion:164 Resp: 136894

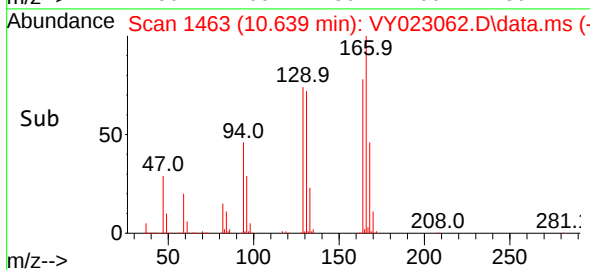
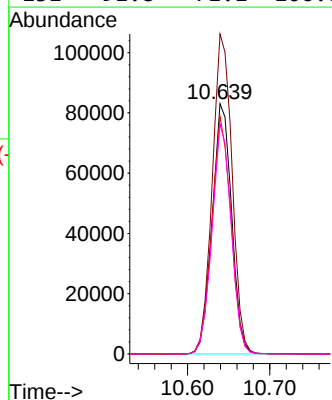
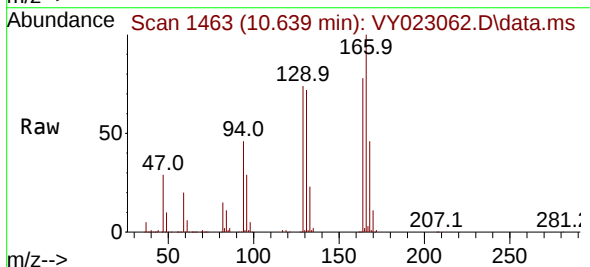
Ion Ratio Lower Upper

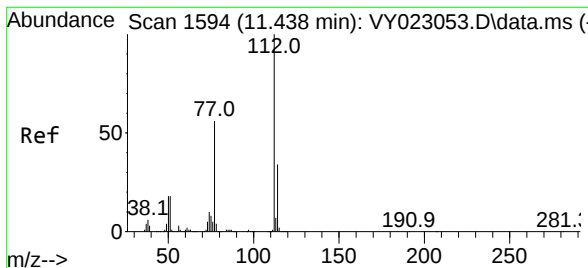
164 100

166 127.9 101.1 151.7

129 94.8 74.0 111.0

131 91.8 71.1 106.7

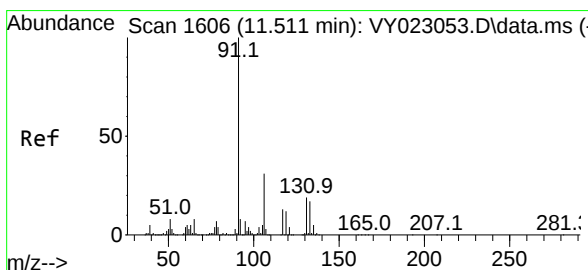
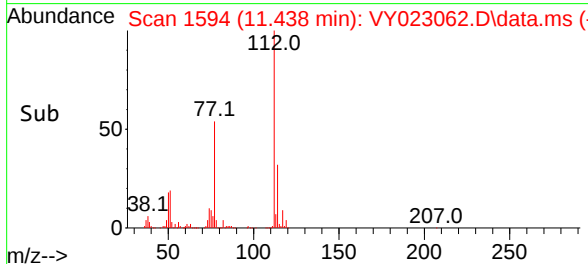
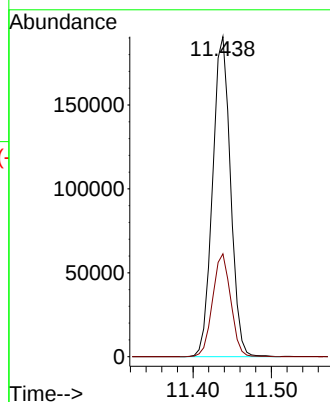
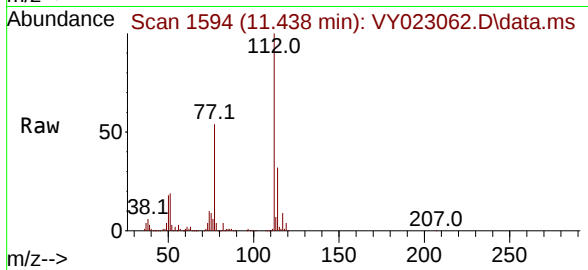




#65
Chlorobenzene
Concen: 20.413 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

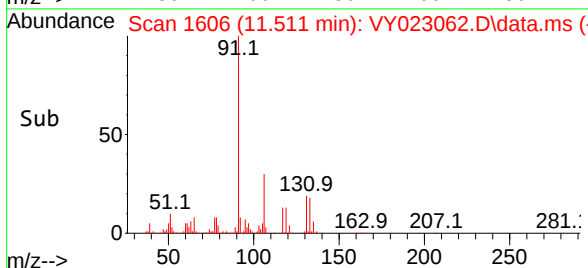
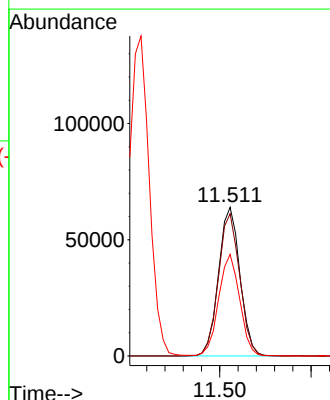
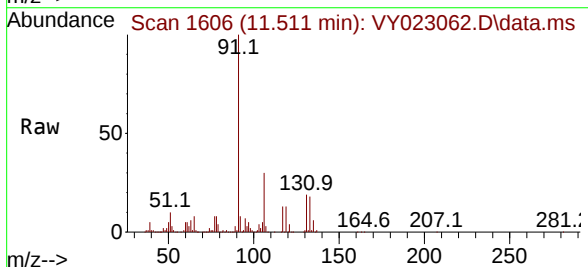
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

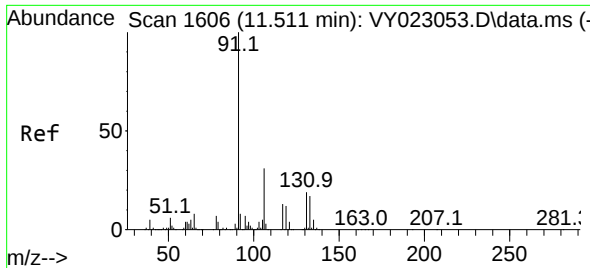
Tgt Ion:112 Resp: 303372
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.631 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion:131 Resp: 104058
Ion Ratio Lower Upper
131 100
133 95.9 46.9 140.6
119 67.4 33.2 99.6

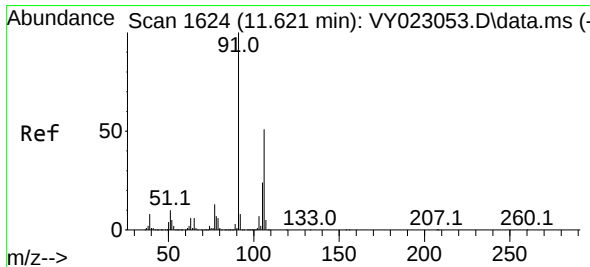
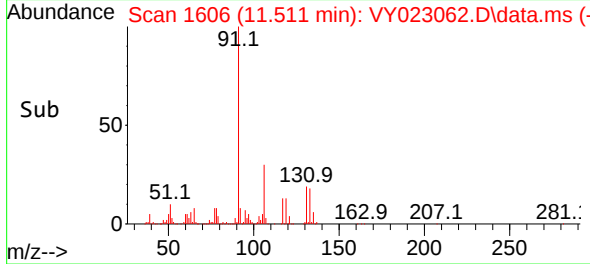
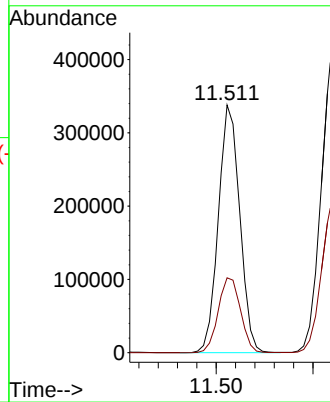
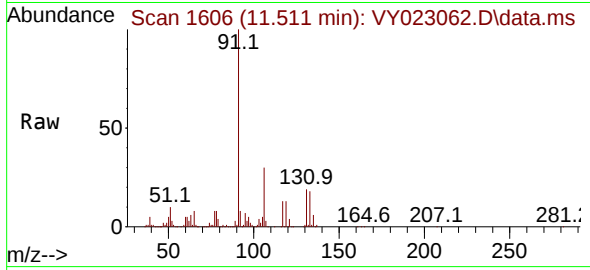




#67
Ethyl Benzene
Concen: 20.283 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

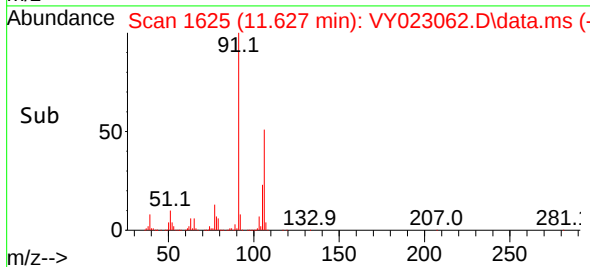
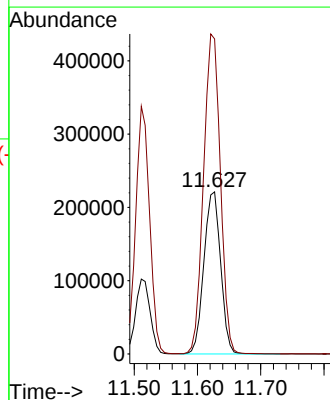
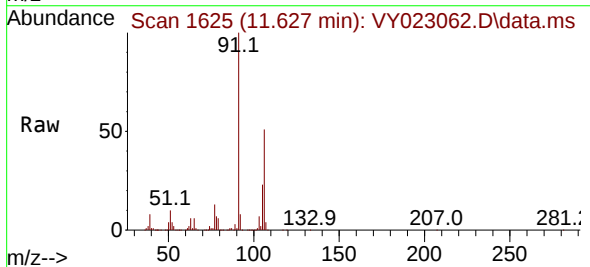
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

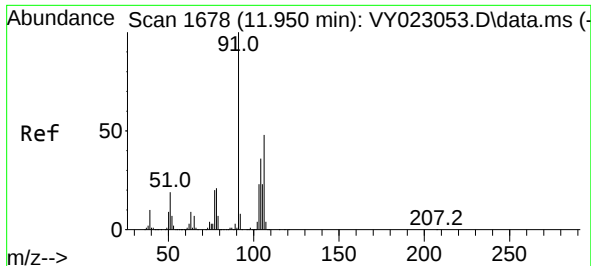
Tgt Ion: 91 Resp: 518732
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 40.858 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 106 Resp: 408117
Ion Ratio Lower Upper
106 100
91 198.5 158.6 238.0

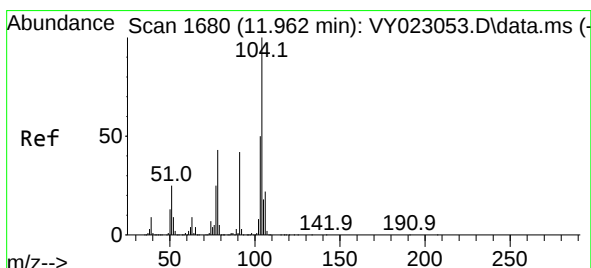
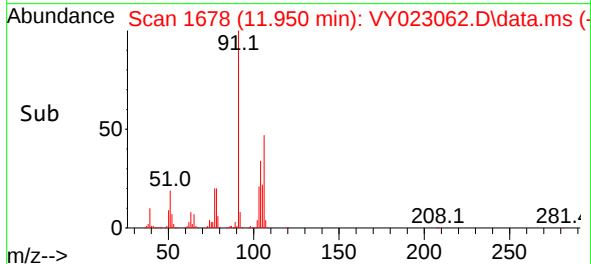
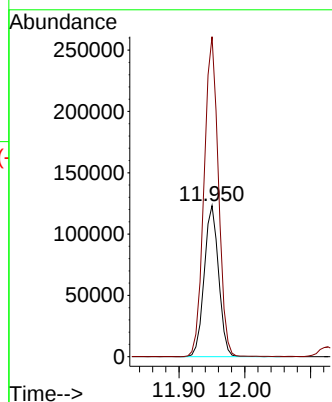
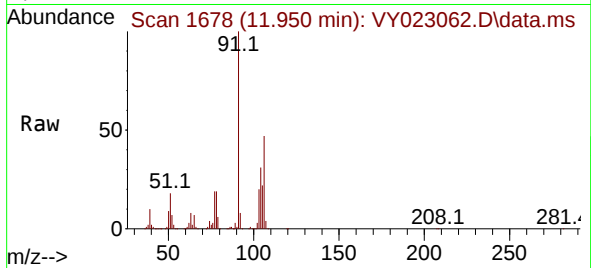




#69
o-Xylene
Concen: 20.042 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

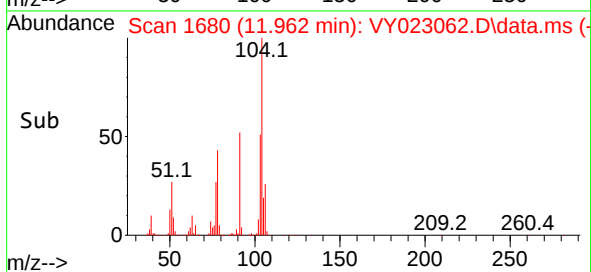
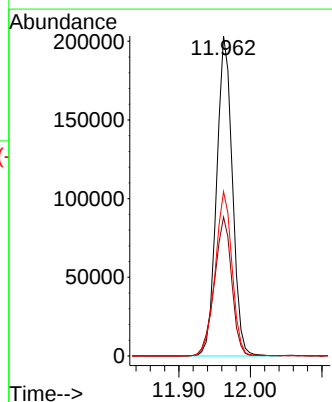
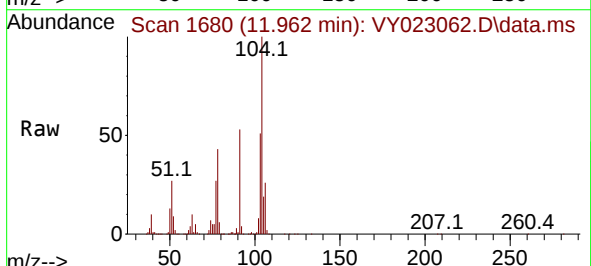
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

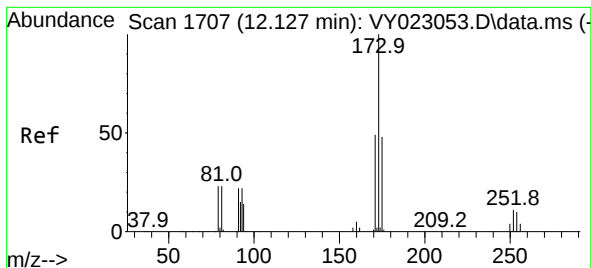
Tgt Ion:106 Resp: 187501
Ion Ratio Lower Upper
106 100
91 211.4 103.2 309.4



#70
Styrene
Concen: 20.389 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion:104 Resp: 311947
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 54.8 43.7 65.5





#71

Bromoform

Concen: 19.704 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

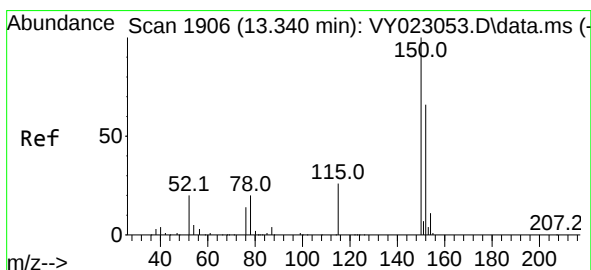
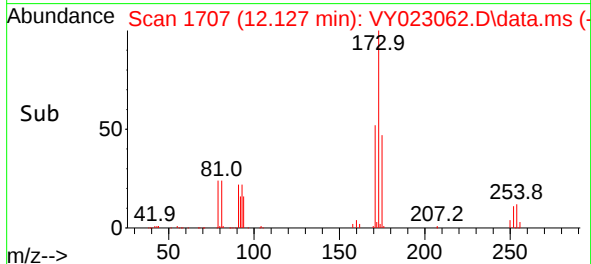
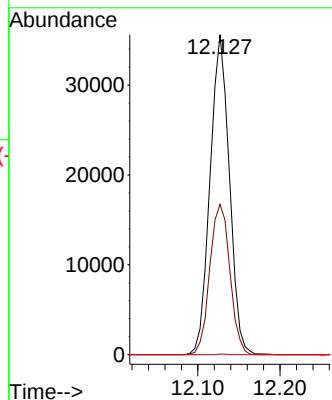
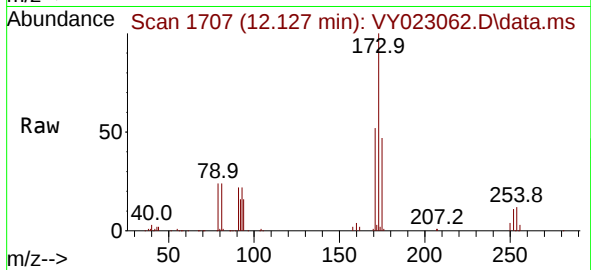
Tgt Ion:173 Resp: 58086

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

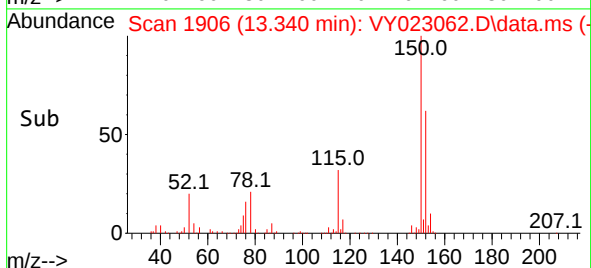
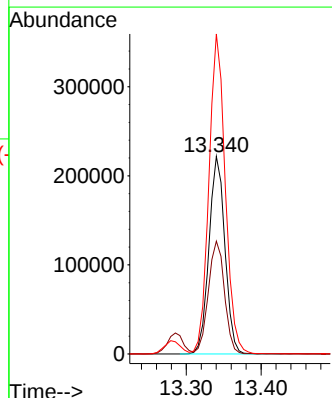
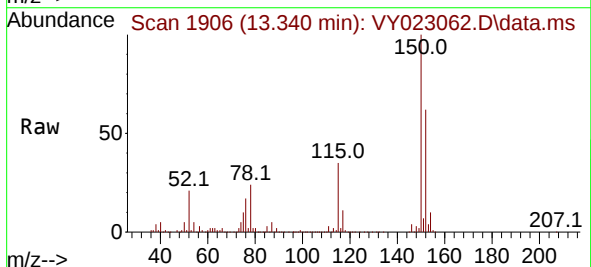
Tgt Ion:152 Resp: 328907

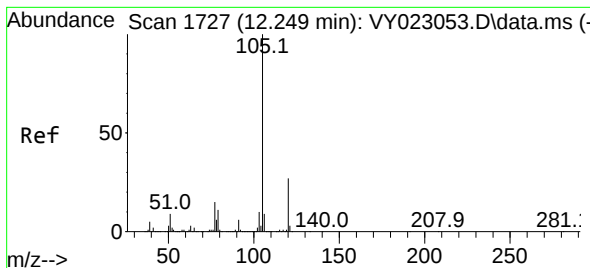
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.6

150 165.7 0.0 348.0





#73

Isopropylbenzene

Concen: 21.059 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

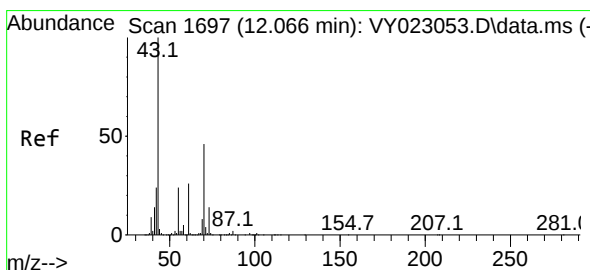
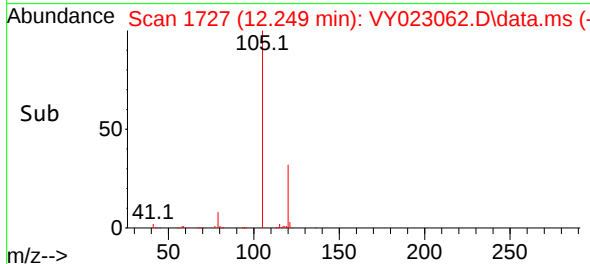
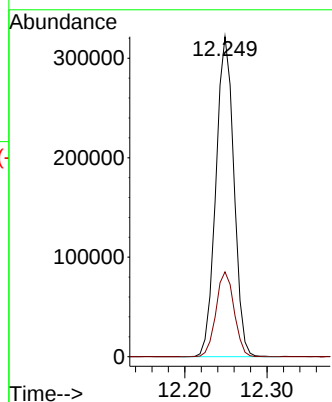
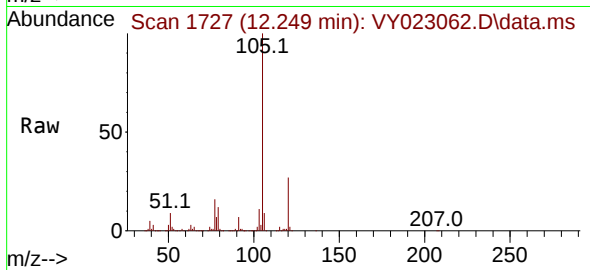
VY0813SBSD01

Tgt Ion:105 Resp: 488868

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 20.696 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Tgt Ion: 43 Resp: 101884

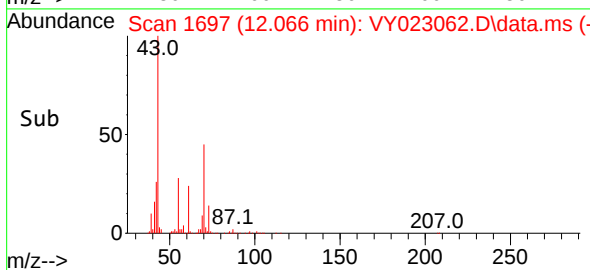
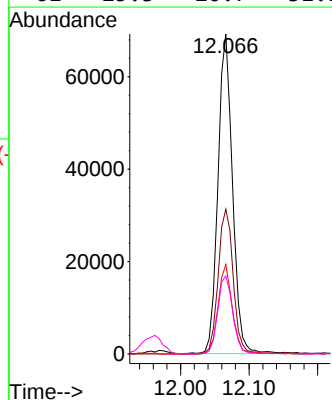
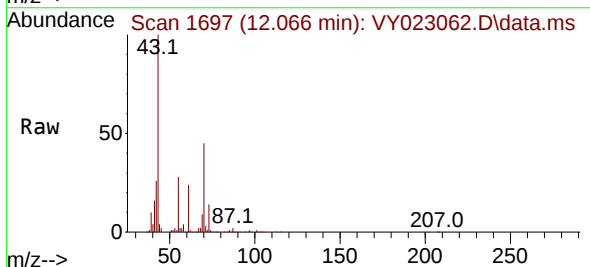
Ion Ratio Lower Upper

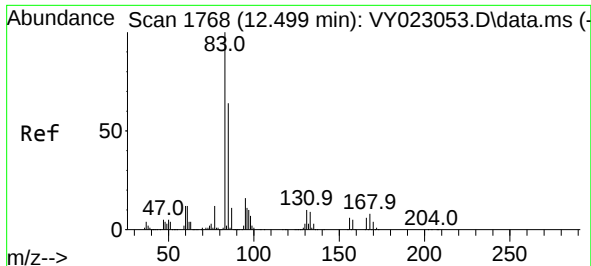
43 100

70 46.5 37.5 56.3

55 27.8 20.7 31.1

61 25.3 20.7 31.1

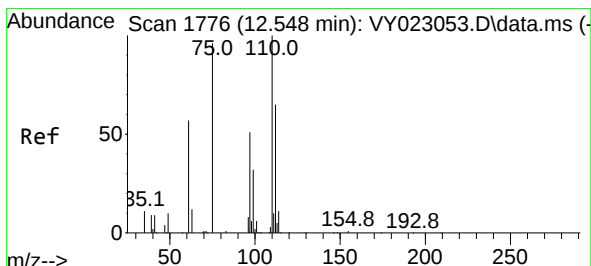
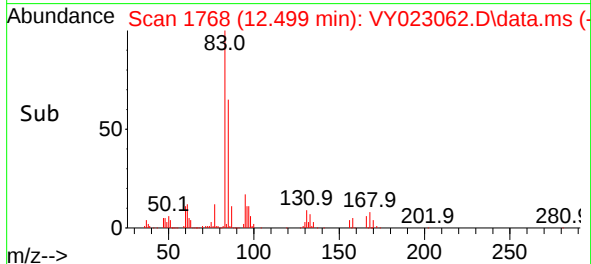
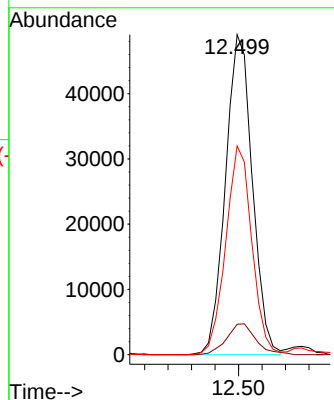
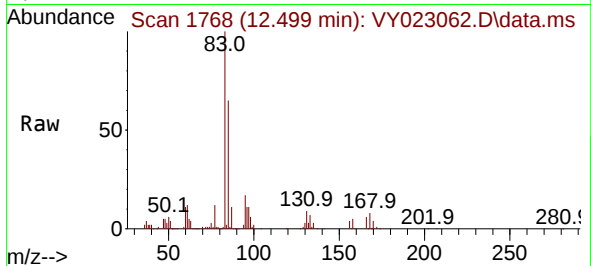




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.653 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

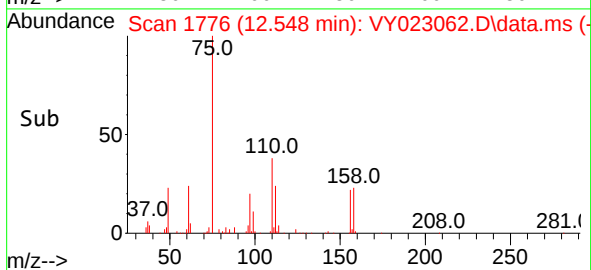
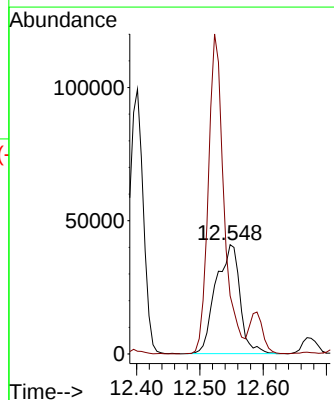
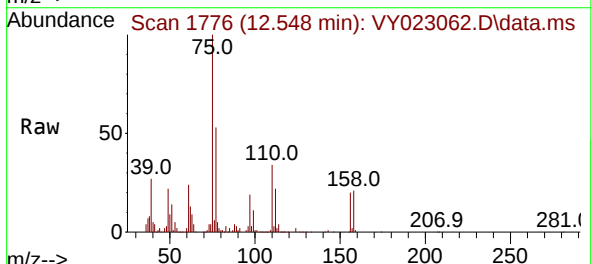
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBSD01

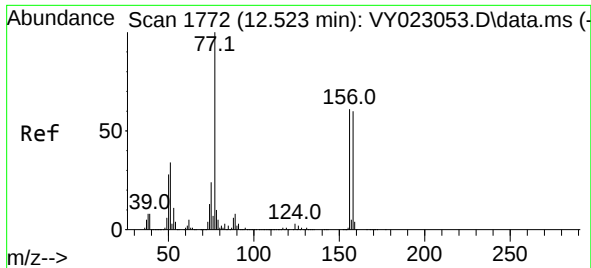
Tgt Ion: 83 Resp: 77900
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 63.3 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 34.108 ug/l
 RT: 12.548 min Scan# 1776
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

Tgt Ion: 75 Resp: 108268
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

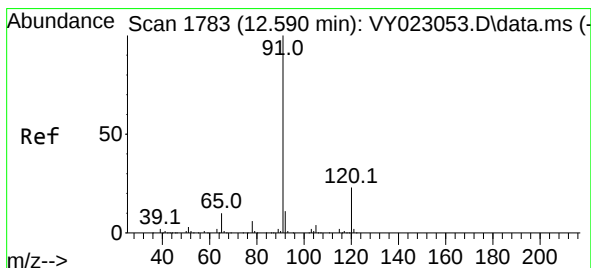
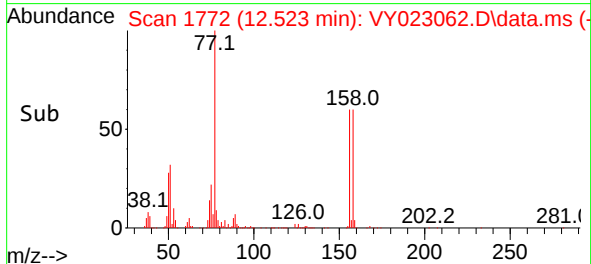
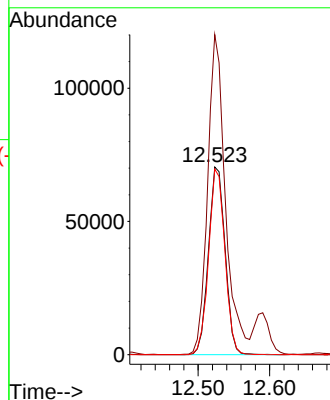
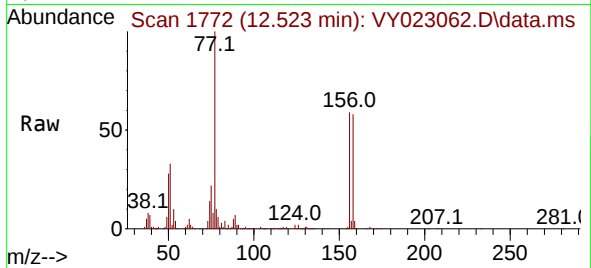




#77
Bromobenzene
Concen: 20.588 ug/l
RT: 12.523 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

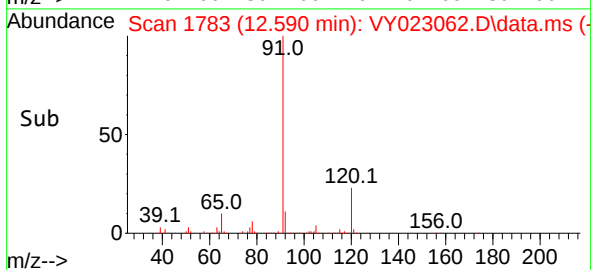
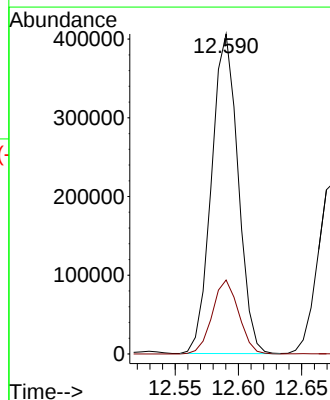
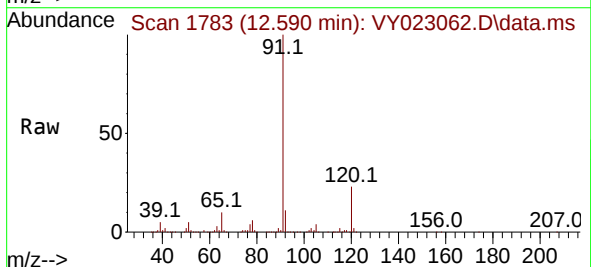
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

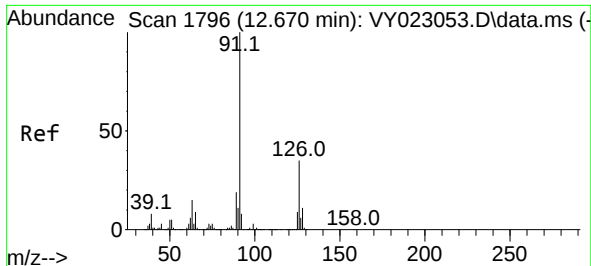
Tgt Ion:156 Resp: 114020
Ion Ratio Lower Upper
156 100
77 182.1 88.1 264.4
158 96.7 48.0 144.0



#78
n-propylbenzene
Concen: 21.429 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 91 Resp: 592252
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5

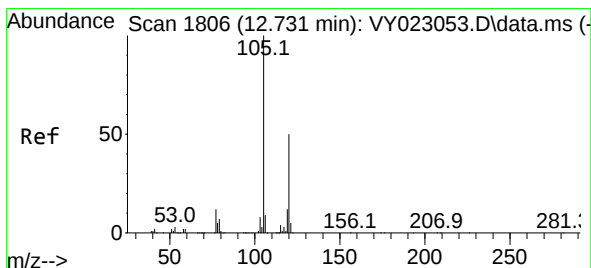
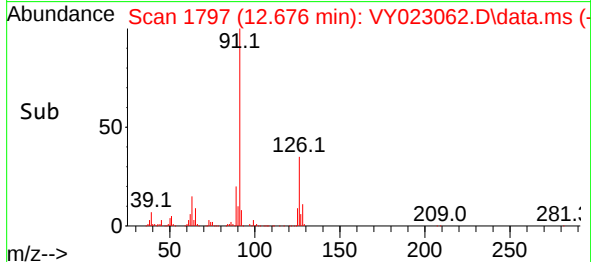
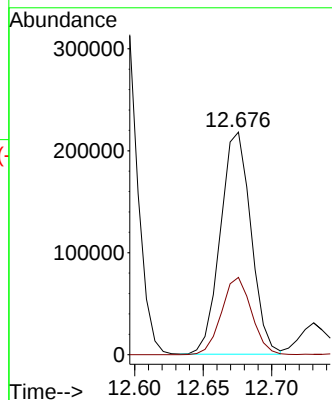
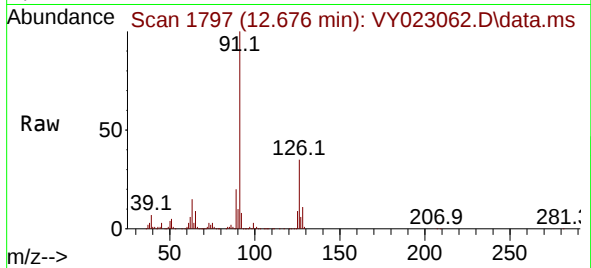




#79
2-Chlorotoluene
Concen: 21.382 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

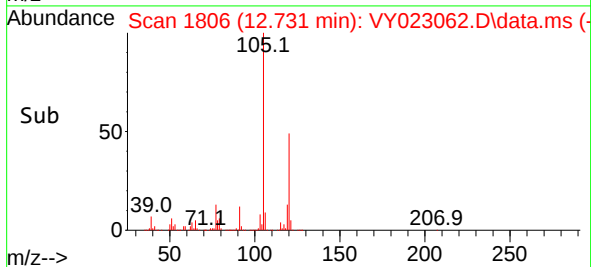
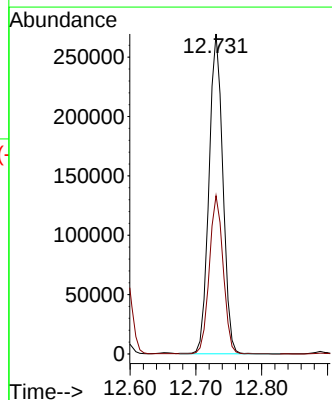
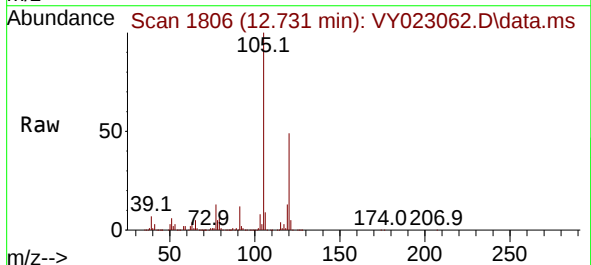
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

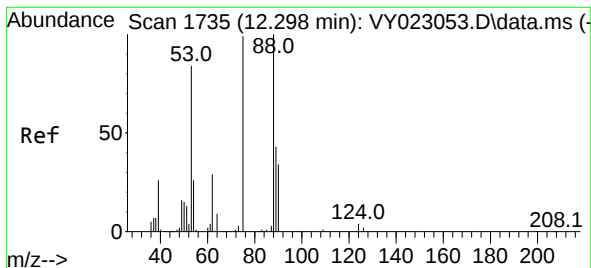
Tgt Ion: 91 Resp: 338588
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 21.058 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 105 Resp: 395083
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4

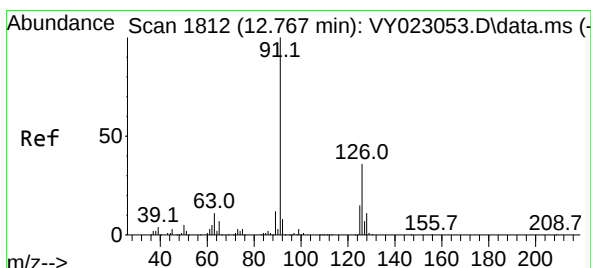
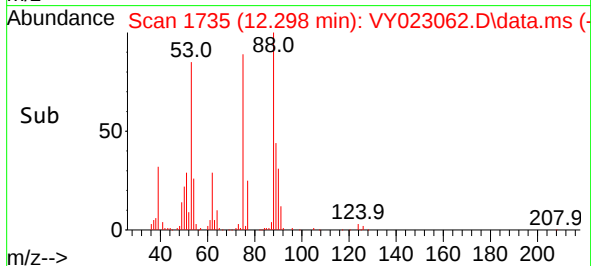
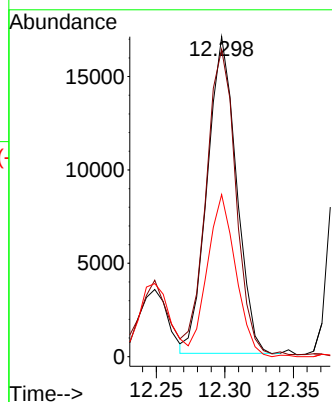
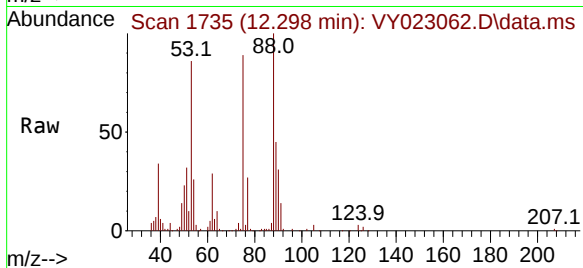




#81
trans-1,4-Dichloro-2-butene
Concen: 19.089 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

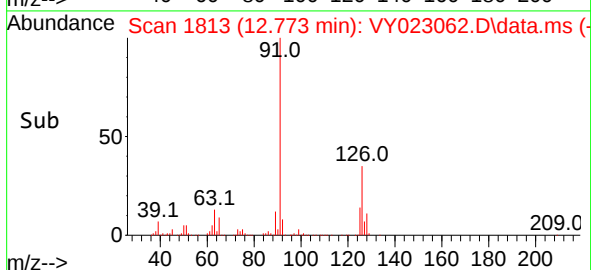
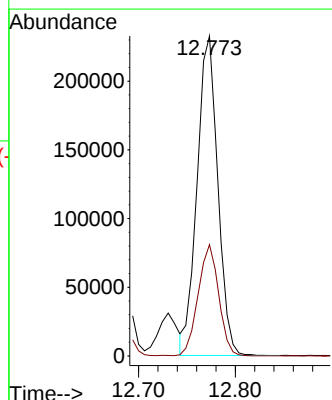
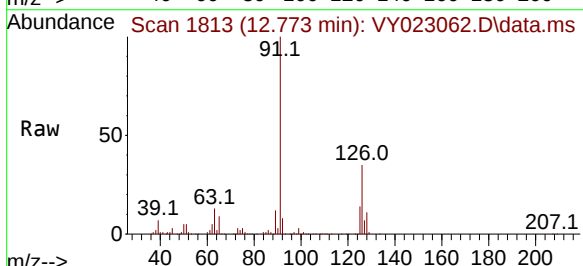
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

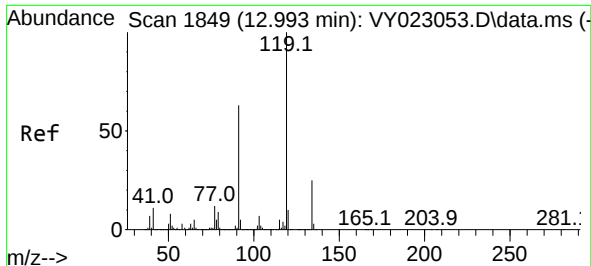
Tgt Ion: 75 Resp: 25032
Ion Ratio Lower Upper
75 100
53 99.4 70.8 106.2
89 49.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 21.099 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 91 Resp: 346590
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0

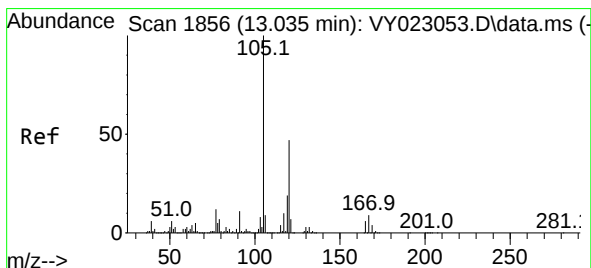
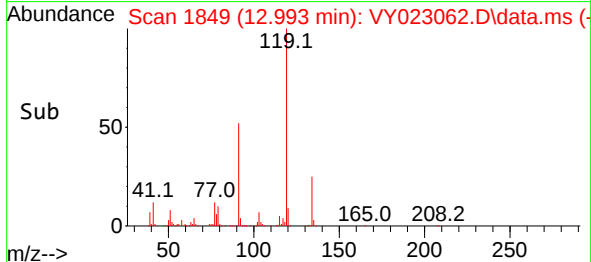
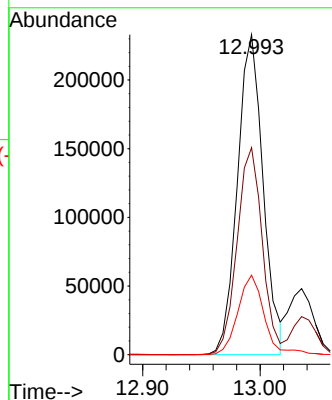
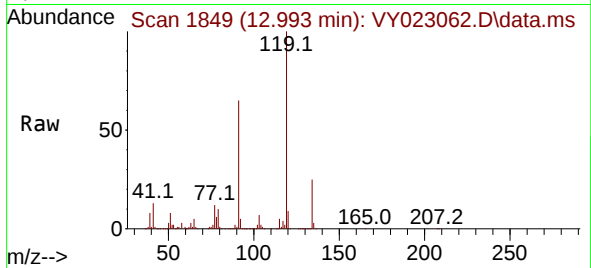




#83
 tert-Butylbenzene
 Concen: 20.936 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

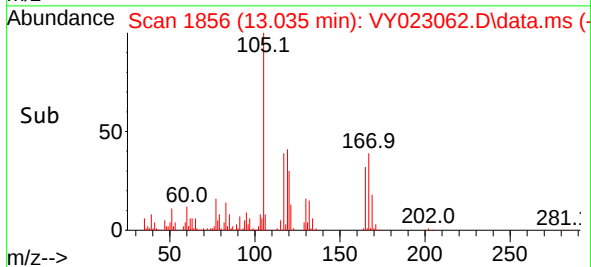
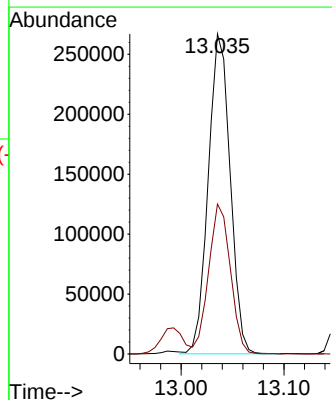
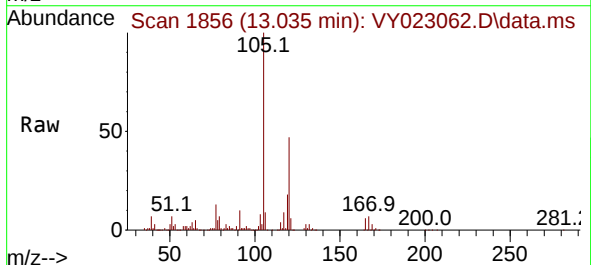
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBSD01

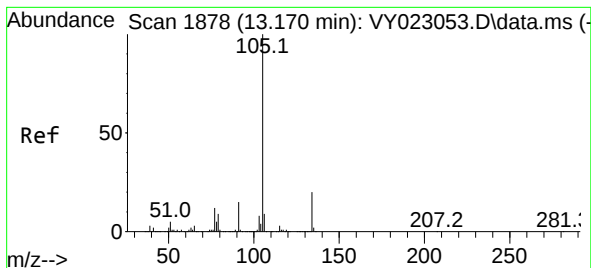
Tgt Ion:119 Resp: 354749
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.6 94.8
 134 25.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.165 ug/l
 RT: 13.035 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

Tgt Ion:105 Resp: 395285
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.378 ug/l

RT: 13.169 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

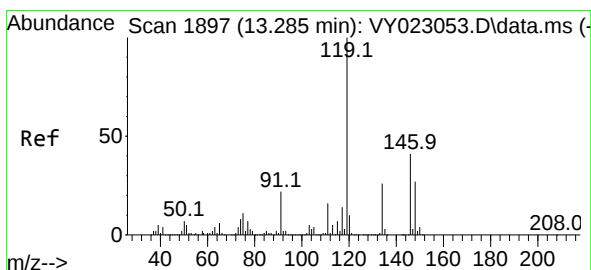
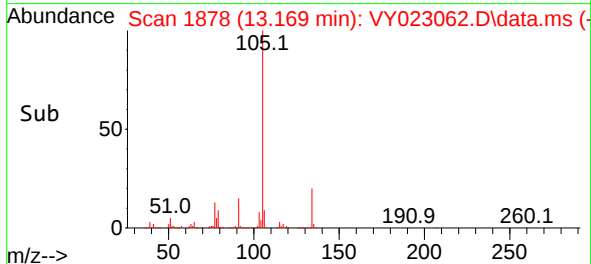
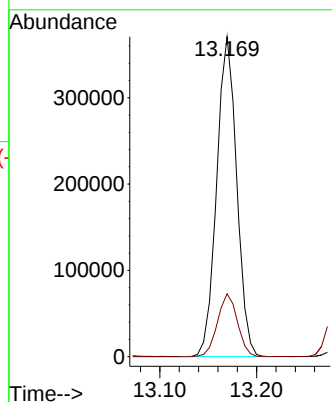
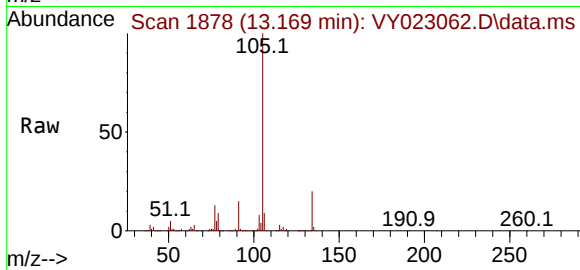
VY0813SBSD01

Tgt Ion:105 Resp: 532130

Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.229 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

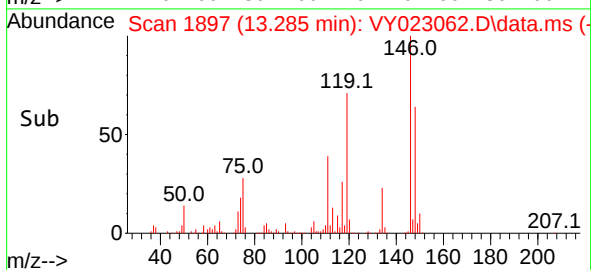
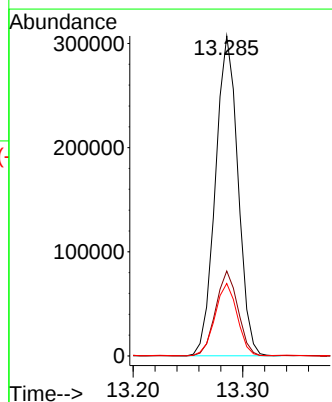
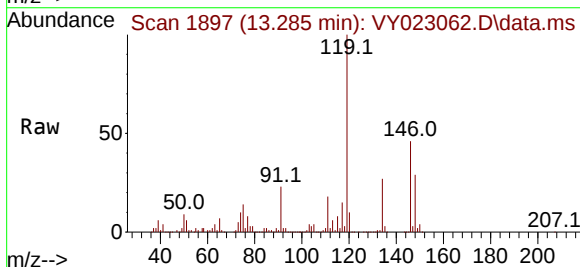
Tgt Ion:119 Resp: 438613

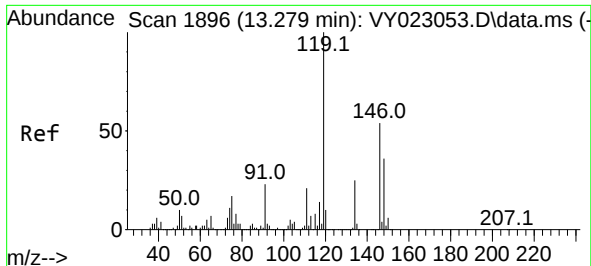
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 22.3 11.3 33.8

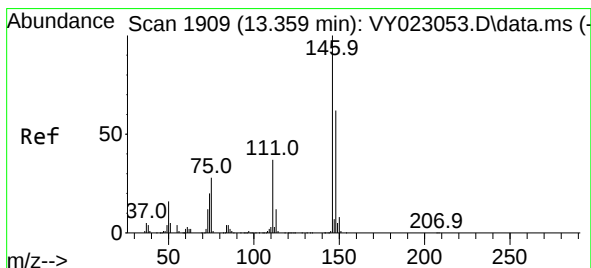
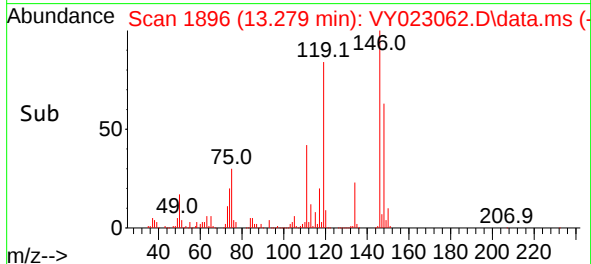
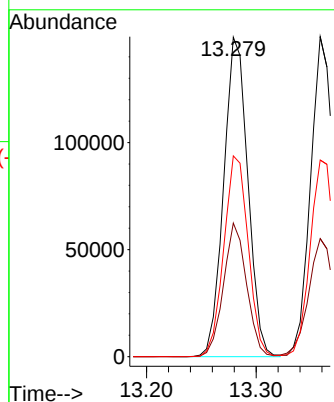
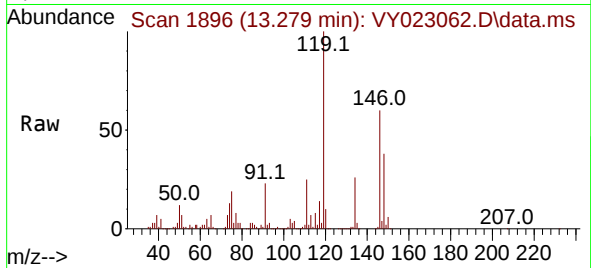




#87
 1,3-Dichlorobenzene
 Concen: 20.905 ug/l
 RT: 13.279 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

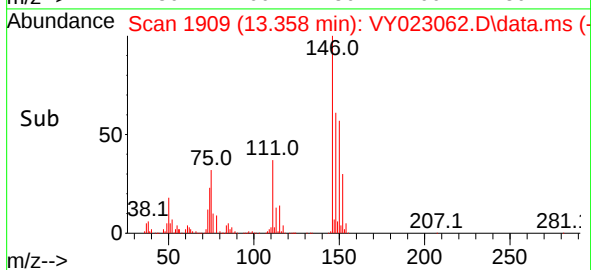
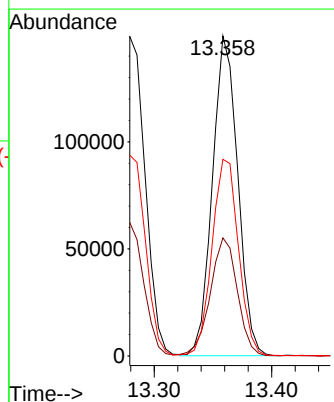
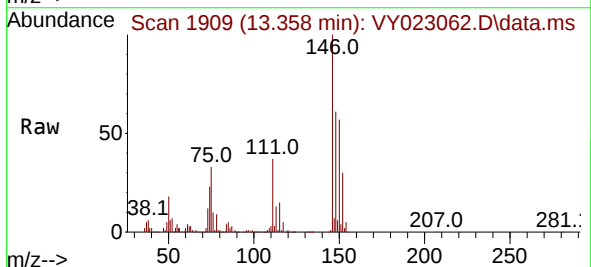
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBSD01

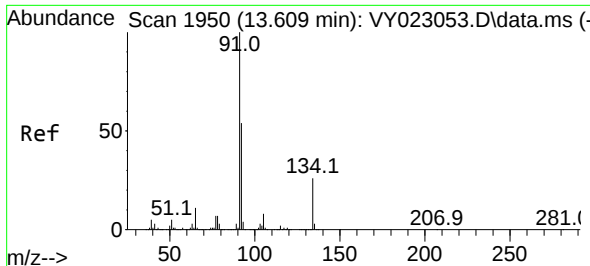
Tgt Ion:146 Resp: 228309
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.7
 148 63.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 20.664 ug/l
 RT: 13.358 min Scan# 1909
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

Tgt Ion:146 Resp: 223875
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.1
 148 64.3 31.6 94.7

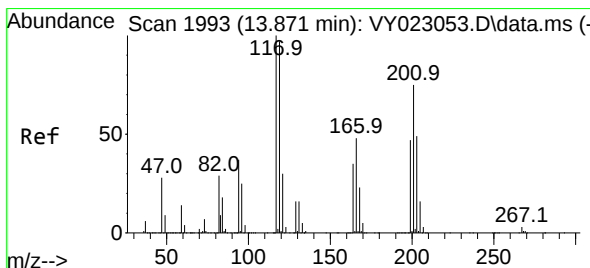
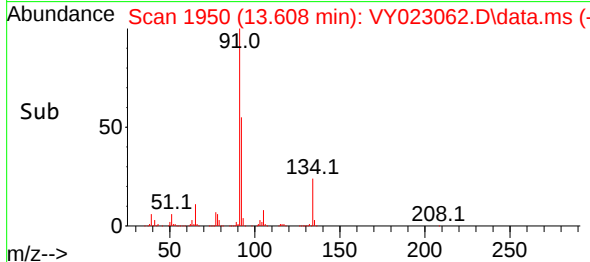
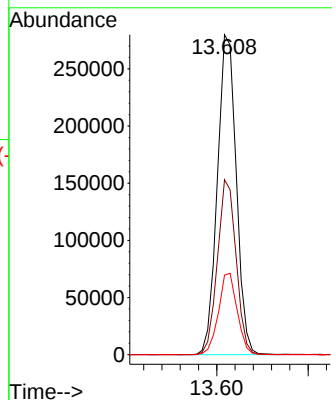
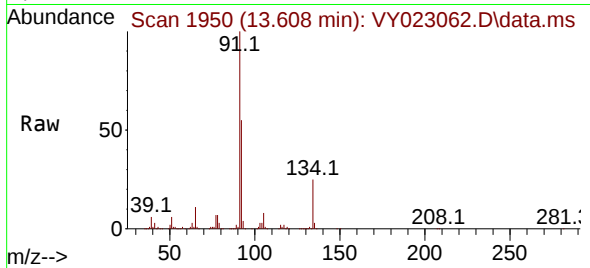




#89
n-Butylbenzene
Concen: 21.234 ug/l
RT: 13.608 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

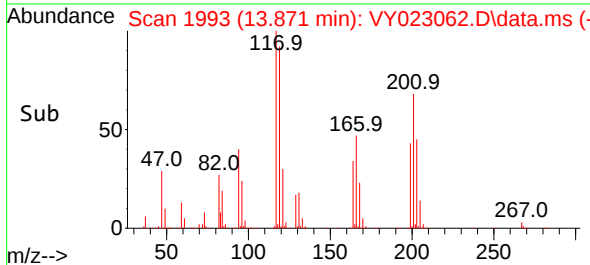
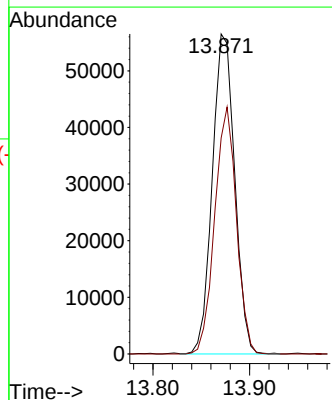
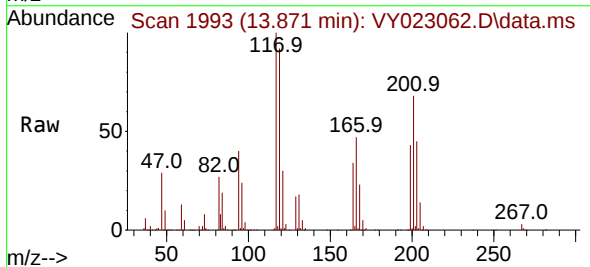
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

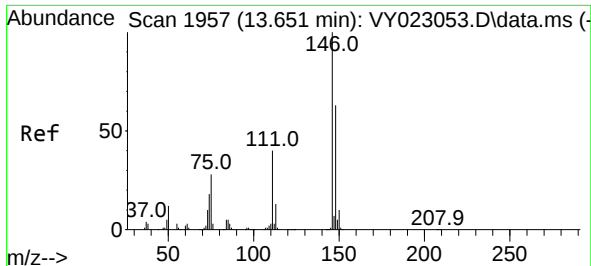
Tgt Ion: 91 Resp: 402947
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 25.3 13.2 39.5



#90
Hexachloroethane
Concen: 21.519 ug/l
RT: 13.871 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY023062.D
Acq: 13 Aug 2025 11:32

Tgt Ion: 117 Resp: 91017
Ion Ratio Lower Upper
117 100
201 74.6 38.4 115.1

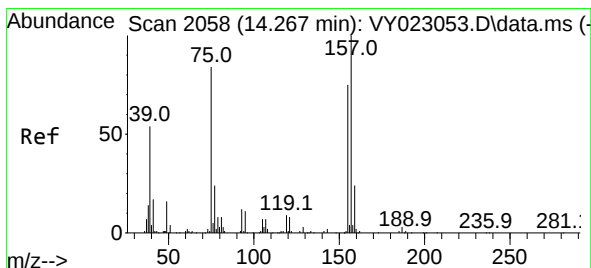
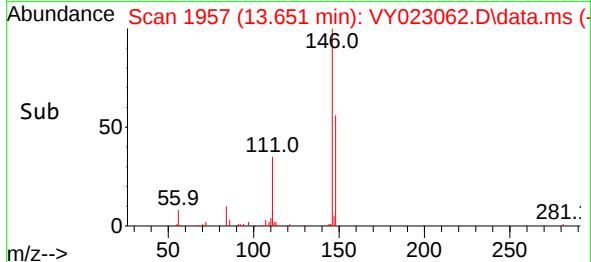
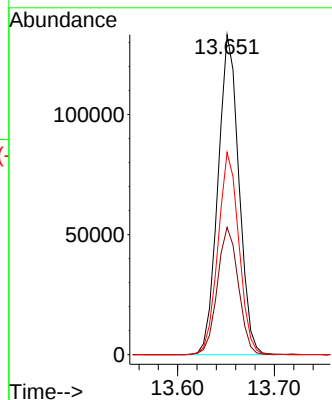
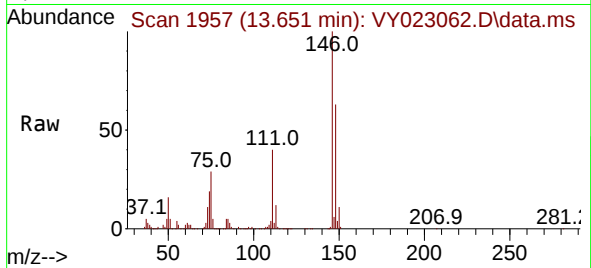




#91
 1,2-Dichlorobenzene
 Concen: 20.849 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

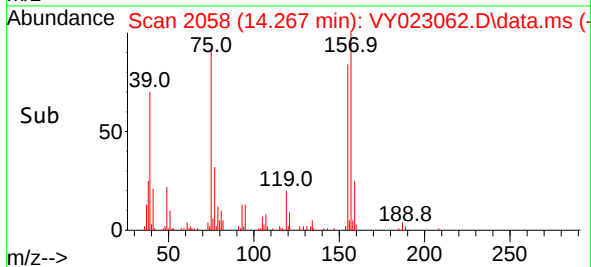
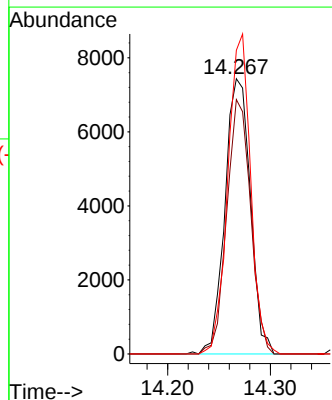
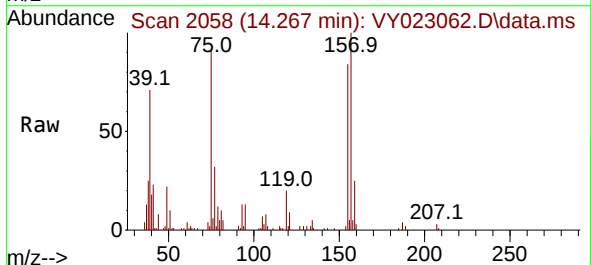
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBSD01

Tgt Ion:146 Resp: 199690
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.8
 148 63.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.665 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VY023062.D
 Acq: 13 Aug 2025 11:32

Tgt Ion: 75 Resp: 12753
 Ion Ratio Lower Upper
 75 100
 155 86.8 43.9 131.6
 157 103.9 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 19.683 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

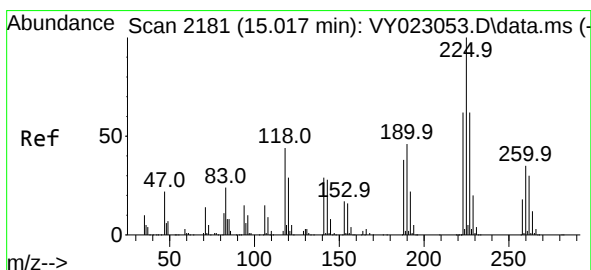
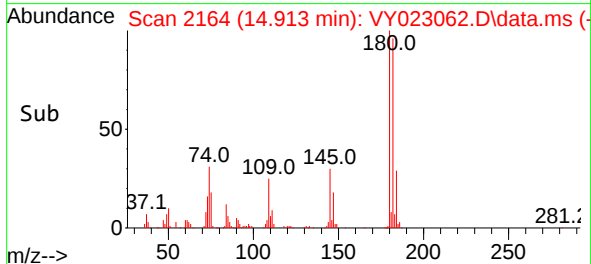
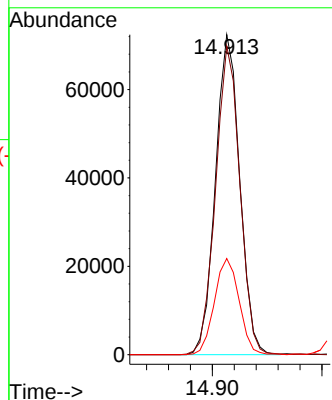
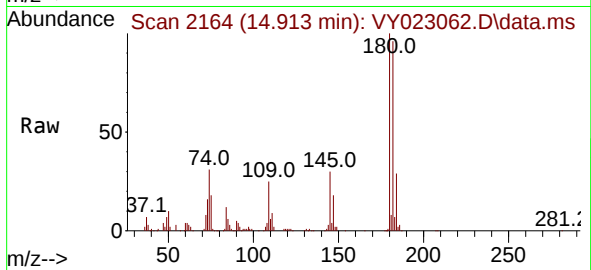
Tgt Ion:180 Resp: 111483

Ion Ratio Lower Upper

180 100

182 96.4 46.8 140.4

145 30.6 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.639 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

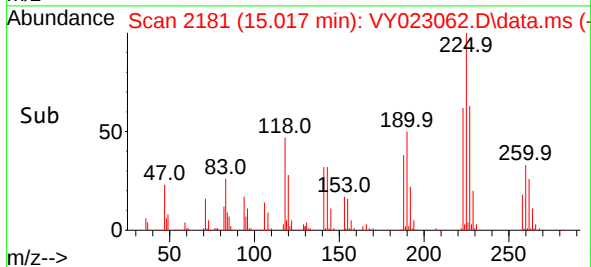
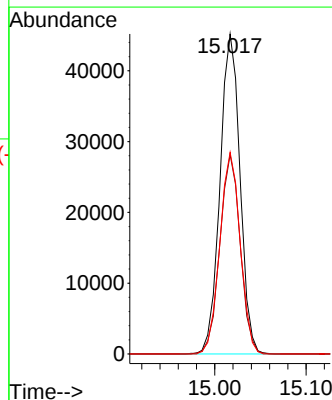
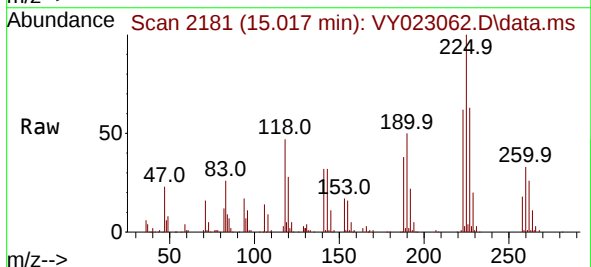
Tgt Ion:225 Resp: 68693

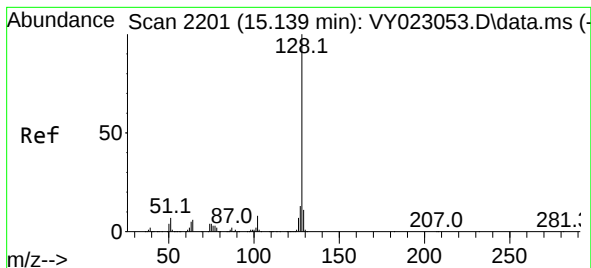
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.8

227 64.2 31.5 94.5





#95

Naphthalene

Concen: 19.216 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

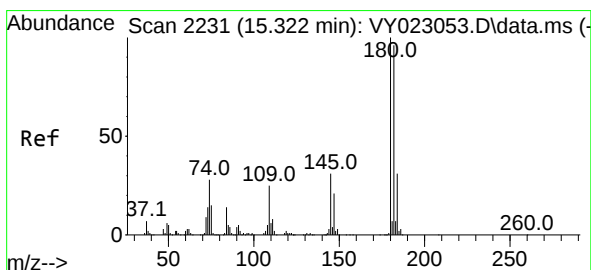
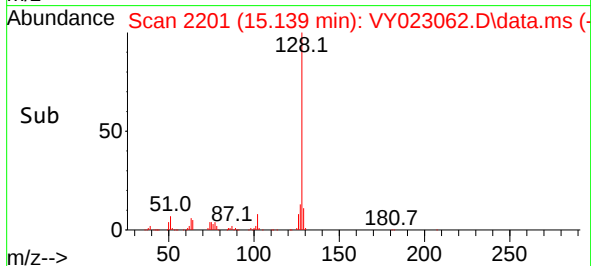
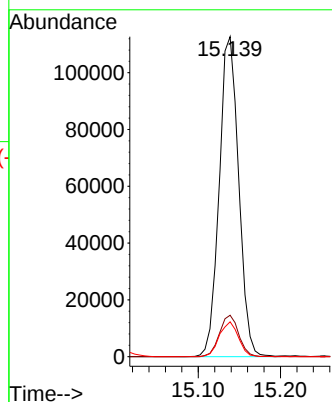
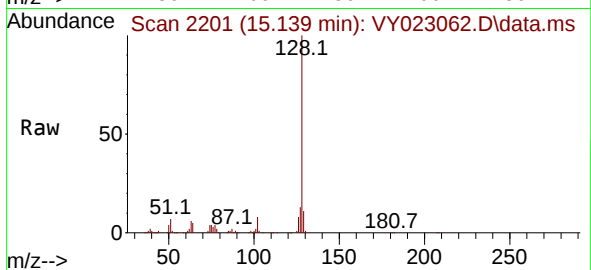
Tgt Ion:128 Resp: 185590

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 19.770 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY023062.D

Acq: 13 Aug 2025 11:32

Tgt Ion:180 Resp: 96492

Ion Ratio Lower Upper

180 100

182 97.9 47.9 143.7

145 31.4 15.9 47.7

