

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022655.D
 Acq On : 11 Jun 2025 11:23
 Operator : SY/MD
 Sample : VY0611SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Quant Time: Jun 12 05:04:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	154293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	261377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	216375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	102308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87123	50.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.634	113	80454	51.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.140%	
50) Toluene-d8	10.109	98	328033	52.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	12.402	95	91618	48.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.560%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	30403	22.009	ug/l 98
3) Chloromethane	2.068	50	76247	18.684	ug/l 99
4) Vinyl Chloride	2.202	62	110194	23.276	ug/l 97
5) Bromomethane	2.586	94	101895	22.456	ug/l 98
6) Chloroethane	2.733	64	77966	23.993	ug/l 91
7) Trichlorofluoromethane	3.050	101	100530	25.013	ug/l 98
8) Diethyl Ether	3.452	74	19482	21.525	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.812	101	37758	22.306	ug/l 99
10) Methyl Iodide	4.001	142	35808	19.548	ug/l 99
11) Tert butyl alcohol	4.866	59	13088	106.187	ug/l # 90
12) 1,1-Dichloroethene	3.787	96	33677	20.814	ug/l 96
13) Acrolein	3.653	56	11169	72.712	ug/l 85
14) Allyl chloride	4.379	41	51189	20.153	ug/l 98
15) Acrylonitrile	5.055	53	39623	103.367	ug/l 99
16) Acetone	3.867	43	51236	146.196	ug/l 97
17) Carbon Disulfide	4.104	76	105015	20.273	ug/l 98
18) Methyl Acetate	4.385	43	20954	20.191	ug/l 98
19) Methyl tert-butyl Ether	5.116	73	92788	20.360	ug/l 100
20) Methylene Chloride	4.616	84	45698	22.955	ug/l 96
21) trans-1,2-Dichloroethene	5.116	96	39459	21.790	ug/l 84
22) Diisopropyl ether	6.019	45	116281	20.566	ug/l 98
23) Vinyl Acetate	5.958	43	332344	99.313	ug/l 97
24) 1,1-Dichloroethane	5.915	63	71877	21.579	ug/l 99
25) 2-Butanone	6.896	43	59713	118.122	ug/l 98
26) 2,2-Dichloropropane	6.884	77	61544	20.912	ug/l 99
27) cis-1,2-Dichloroethene	6.890	96	45141	21.567	ug/l 98
28) Bromochloromethane	7.244	49	30556	21.045	ug/l 100
29) Tetrahydrofuran	7.262	42	32926	100.986	ug/l 99
30) Chloroform	7.421	83	73770	22.360	ug/l 96
31) Cyclohexane	7.701	56	64272	19.382	ug/l 98
32) 1,1,1-Trichloroethane	7.616	97	64586	22.053	ug/l 99
36) 1,1-Dichloropropene	7.835	75	53788	21.243	ug/l 99
37) Ethyl Acetate	6.988	43	23488	20.801	ug/l 100
38) Carbon Tetrachloride	7.817	117	55462	21.352	ug/l 92
39) Methylcyclohexane	9.110	83	68129	20.022	ug/l 99
40) Benzene	8.079	78	163413	21.851	ug/l 98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
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 Operator : SY/MD
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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11060	16.769	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	44229	21.660	ug/l	98
43) Isopropyl Acetate	8.195	43	48754	19.992	ug/l	96
44) Trichloroethene	8.866	130	39874	21.815	ug/l	97
45) 1,2-Dichloropropane	9.140	63	38405	21.729	ug/l	96
46) Dibromomethane	9.231	93	21044	21.164	ug/l	97
47) Bromodichloromethane	9.427	83	55680	22.084	ug/l	97
48) Methyl methacrylate	9.225	41	20964	18.316	ug/l	94
49) 1,4-Dioxane	9.238	88	4781	405.855	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	119284	98.107	ug/l	96
52) Toluene	10.170	92	101252	21.544	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	48733	20.629	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	57255	20.820	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	27620	21.784	ug/l	96
56) Ethyl methacrylate	10.439	69	35231	19.225	ug/l	99
57) 1,3-Dichloropropane	10.719	76	48083	21.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	84651	101.741	ug/l	99
59) 2-Hexanone	10.762	43	88514	108.852	ug/l	99
60) Dibromochloromethane	10.914	129	34405	21.352	ug/l	98
61) 1,2-Dibromoethane	11.012	107	24433	21.142	ug/l	98
64) Tetrachloroethene	10.646	164	45809	24.611	ug/l	97
65) Chlorobenzene	11.438	112	104686	21.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	33988	21.071	ug/l	97
67) Ethyl Benzene	11.518	91	184235	20.745	ug/l	98
68) m/p-Xylenes	11.627	106	140858	41.839	ug/l	100
69) o-Xylene	11.950	106	65306	20.690	ug/l	100
70) Styrene	11.969	104	108428	20.781	ug/l	98
71) Bromoform	12.133	173	17443	20.322	ug/l #	97
73) Isopropylbenzene	12.255	105	175327	20.874	ug/l	100
74) N-amyl acetate	12.066	43	40443	19.083	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	26860	19.484	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	39716	33.933	ug/l #	100
77) Bromobenzene	12.530	156	37003	20.876	ug/l	99
78) n-propylbenzene	12.591	91	215673	21.023	ug/l	99
79) 2-Chlorotoluene	12.676	91	111836	20.568	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	136959	20.769	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	8836	18.231	ug/l	94
82) 4-Chlorotoluene	12.774	91	114316	20.380	ug/l	96
83) tert-Butylbenzene	12.993	119	122545	20.705	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	135799	20.590	ug/l	99
85) sec-Butylbenzene	13.170	105	191535	21.130	ug/l	100
86) p-Isopropyltoluene	13.292	119	155151	20.765	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	76368	21.265	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	75907	21.792	ug/l	100
89) n-Butylbenzene	13.615	91	148942	21.011	ug/l	99
90) Hexachloroethane	13.877	117	31366	21.563	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	65316	21.421	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4000	19.929	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	34227	20.582	ug/l	98
94) Hexachlorobutadiene	15.023	225	20570	22.411	ug/l	98
95) Naphthalene	15.139	128	65657	20.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	29376	20.612	ug/l	98

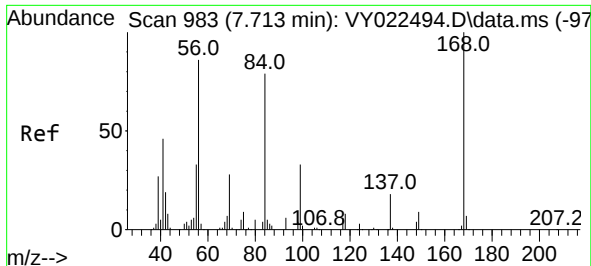
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Quant Time: Jun 12 05:04:35 2025
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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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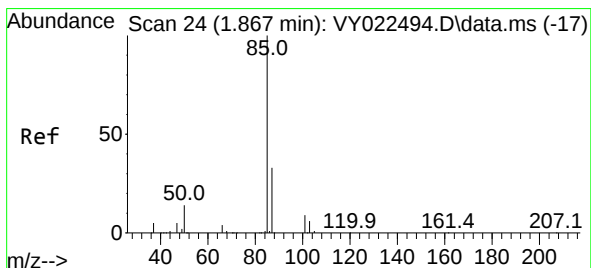
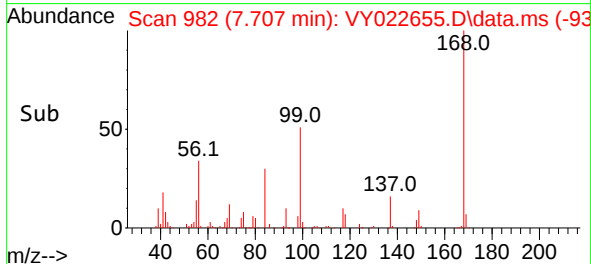
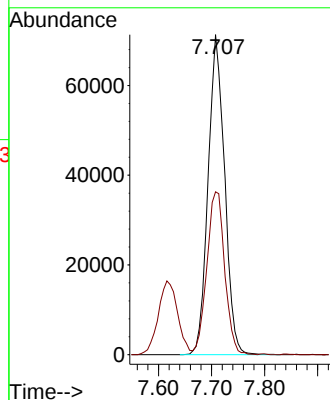
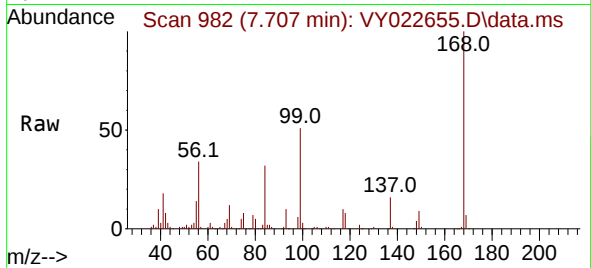
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

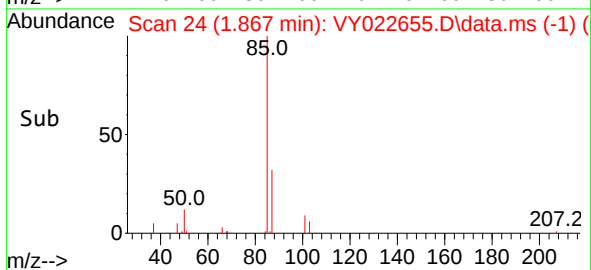
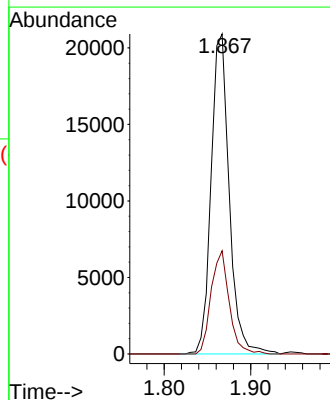
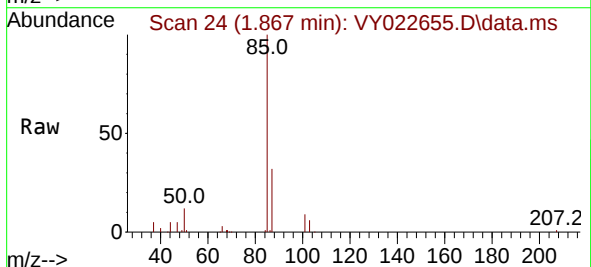
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:168 Resp: 154293
Ion Ratio Lower Upper
168 100
99 50.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.009 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 85 Resp: 30403
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0

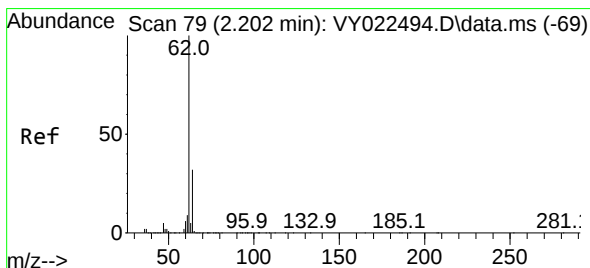
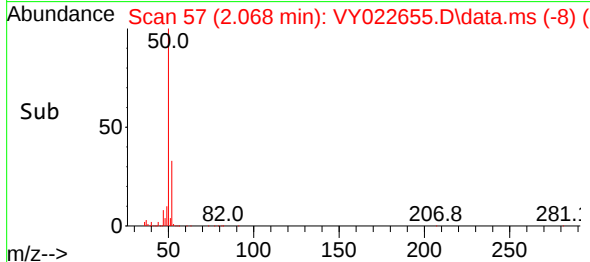
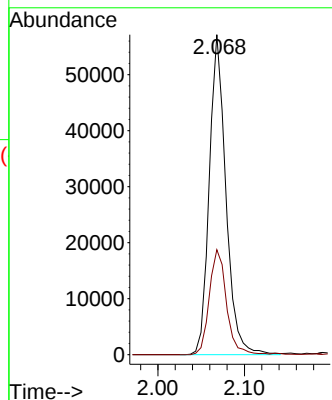
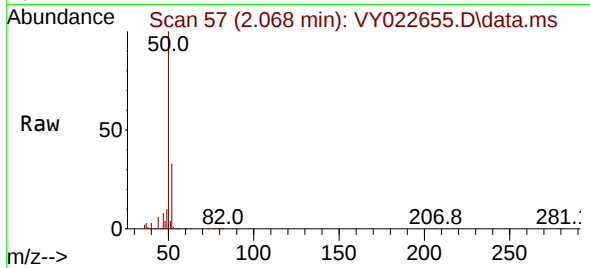




#3
Chloromethane
Concen: 18.684 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

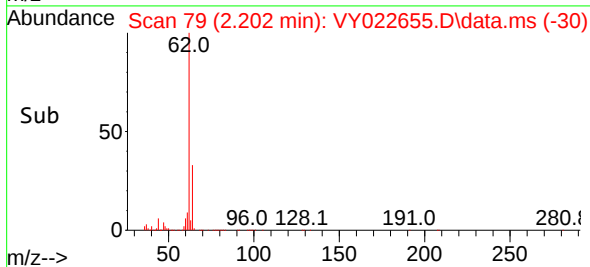
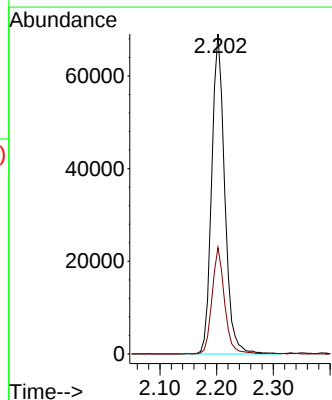
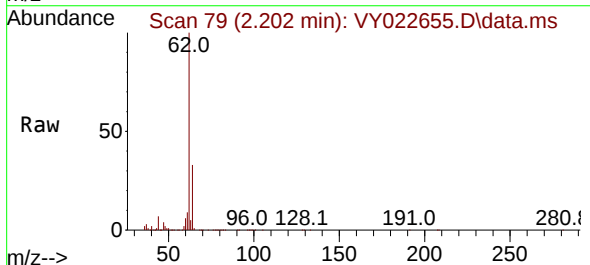
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ClientSampleId :
VY0611SBSD01

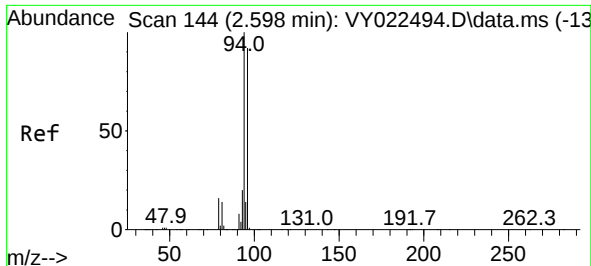
Tgt Ion: 50 Resp: 76247
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 23.276 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 62 Resp: 110194
Ion Ratio Lower Upper
62 100
64 33.3 25.3 37.9

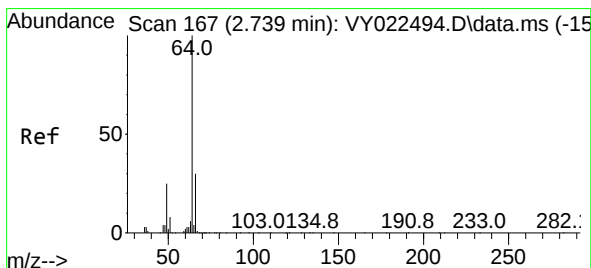
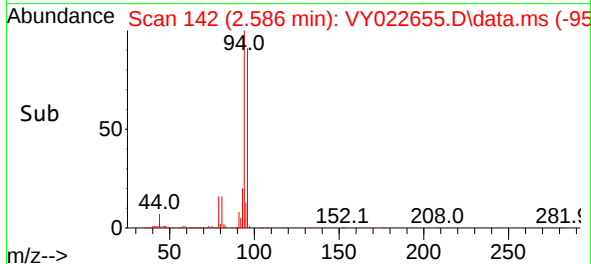
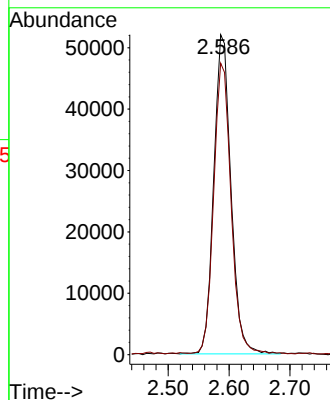
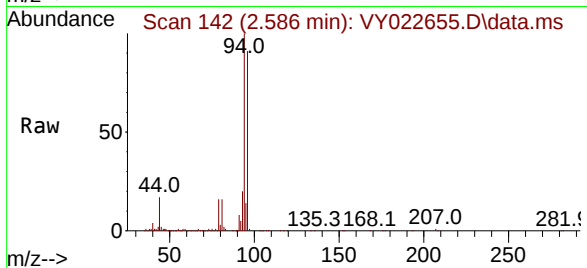




#5
Bromomethane
Concen: 22.456 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

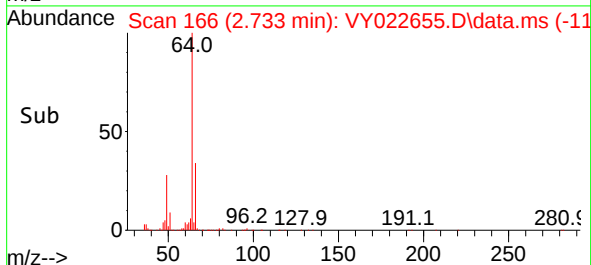
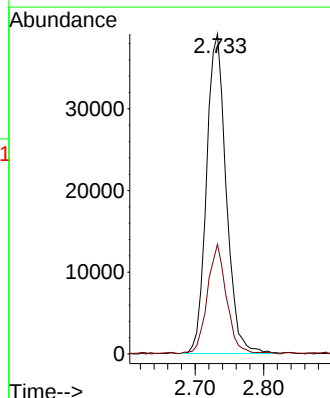
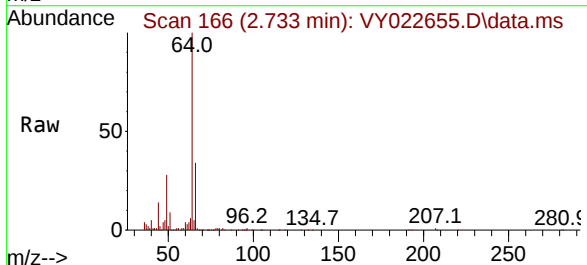
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

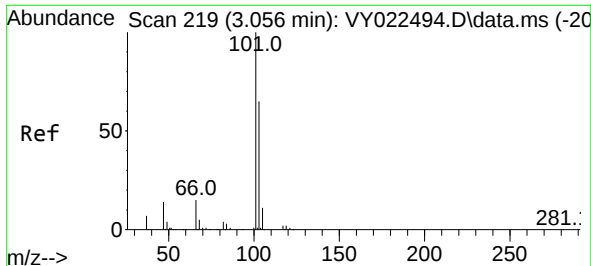
Tgt Ion: 94 Resp: 101895
Ion Ratio Lower Upper
94 100
96 90.7 74.0 111.0



#6
Chloroethane
Concen: 23.993 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 64 Resp: 77966
Ion Ratio Lower Upper
64 100
66 34.4 23.8 35.6

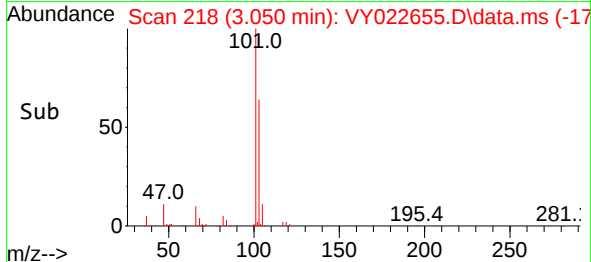
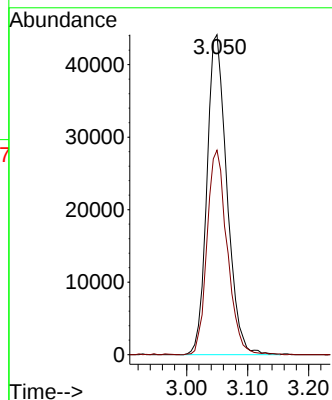
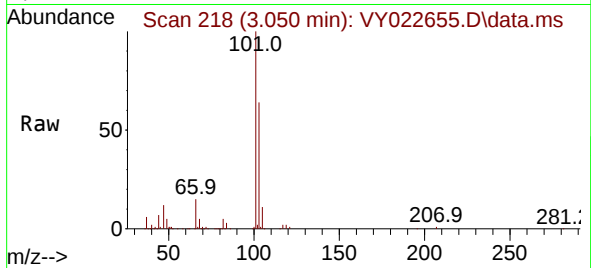




#7
Trichlorofluoromethane
Concen: 25.013 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

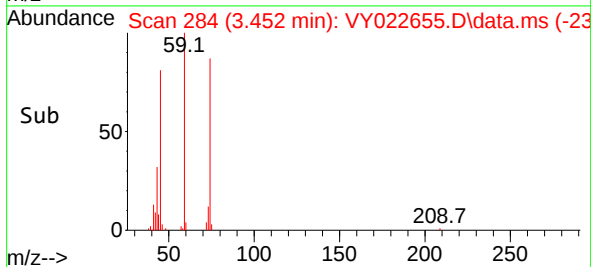
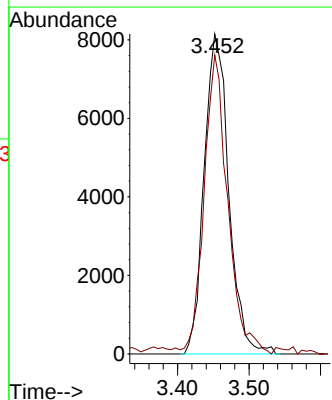
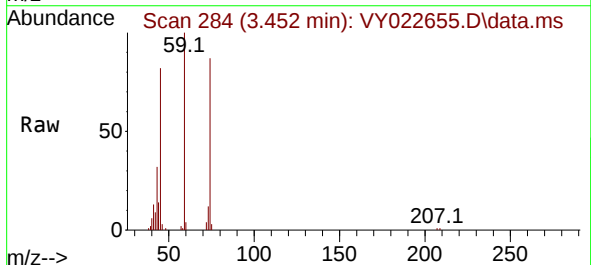
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:101 Resp: 100530
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2



#8
Diethyl Ether
Concen: 21.525 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 74 Resp: 19482
Ion Ratio Lower Upper
74 100
45 89.9 45.9 137.6

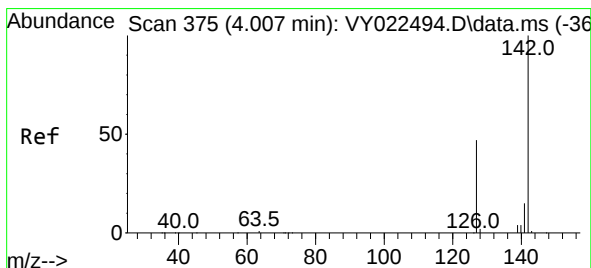
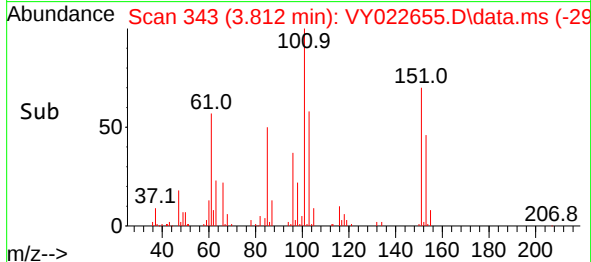
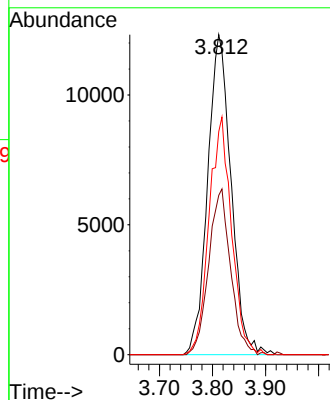
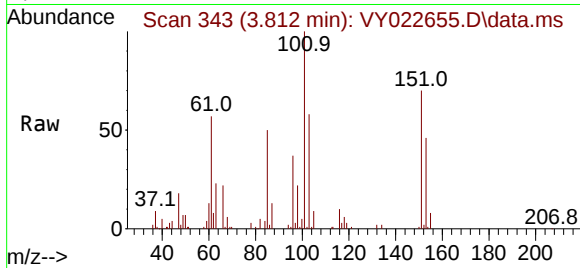




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.306 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

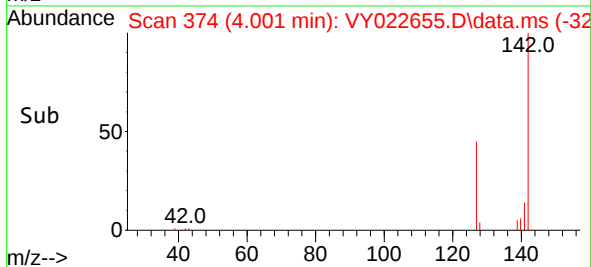
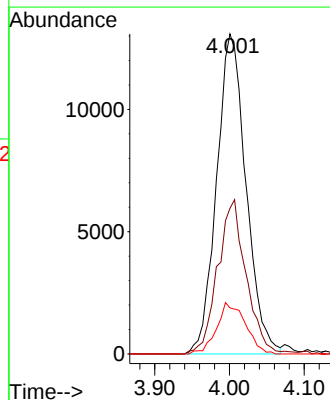
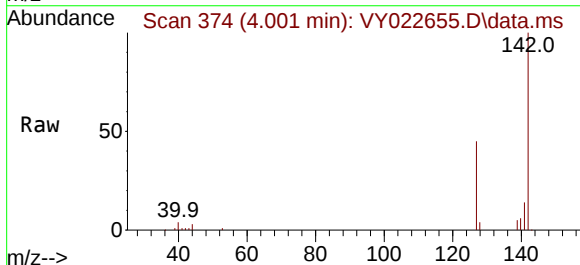
Instrument :
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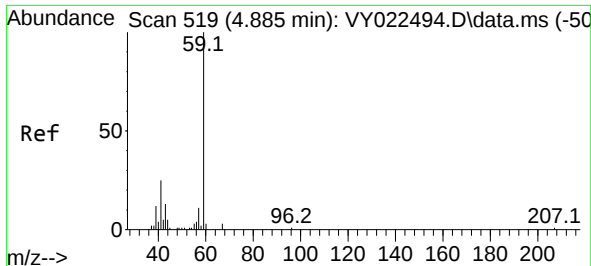
Tgt Ion:101 Resp: 37758
Ion Ratio Lower Upper
101 100
85 48.6 39.3 58.9
151 71.3 57.8 86.8



#10
Methyl Iodide
Concen: 19.548 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:142 Resp: 35808
Ion Ratio Lower Upper
142 100
127 46.7 37.1 55.7
141 15.7 11.4 17.2

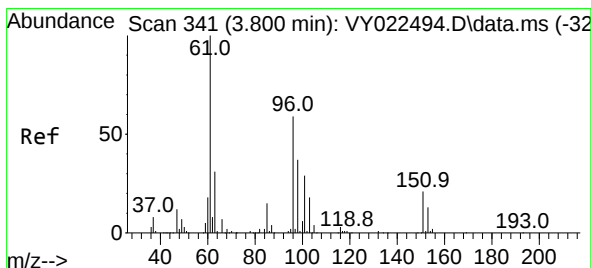
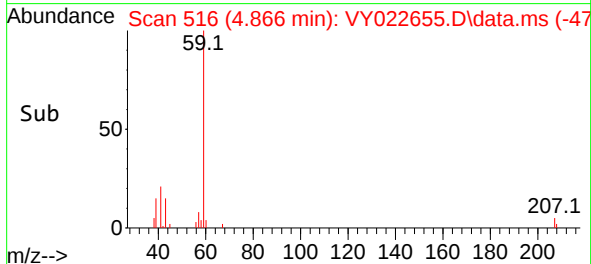
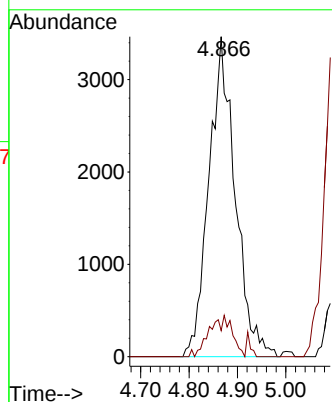
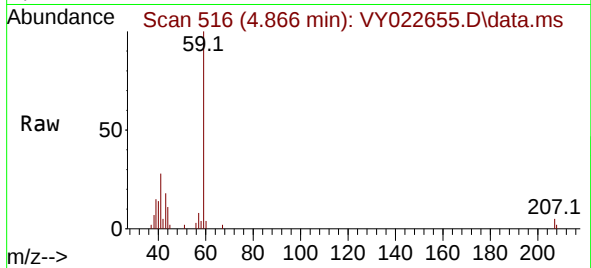




#11
Tert butyl alcohol
Concen: 106.187 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

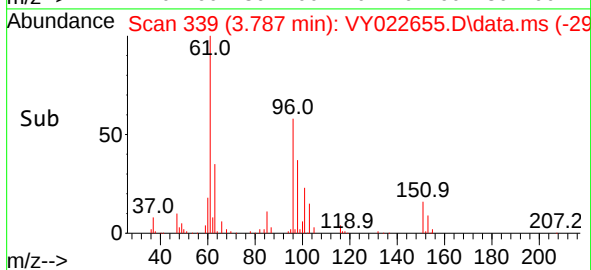
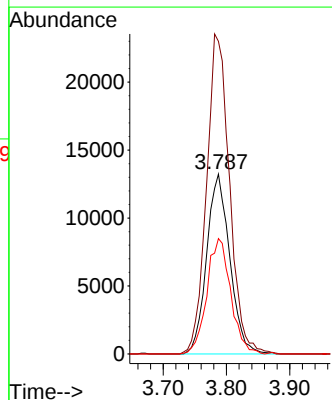
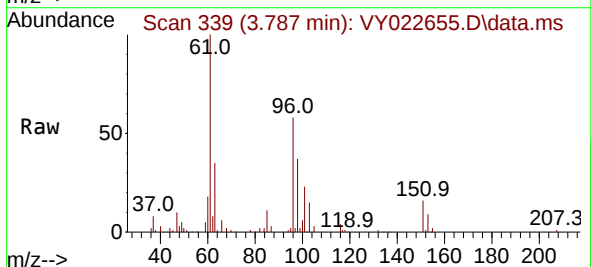
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

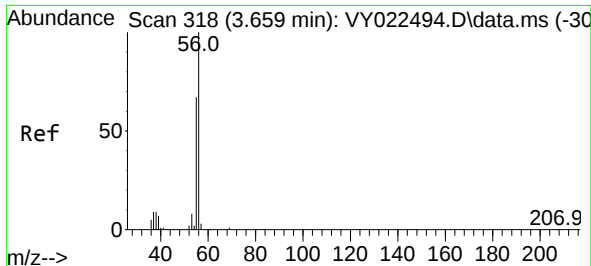
Tgt Ion: 59 Resp: 13088
Ion Ratio Lower Upper
59 100
57 6.4 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 20.814 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 96 Resp: 33677
Ion Ratio Lower Upper
96 100
61 173.9 134.6 201.8
98 64.2 50.2 75.4

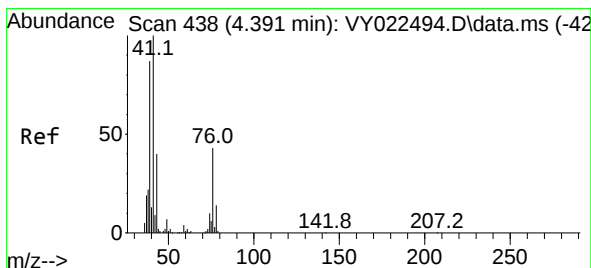
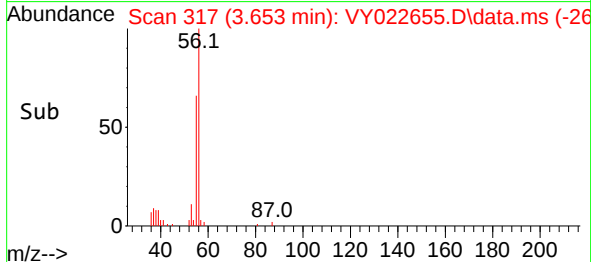
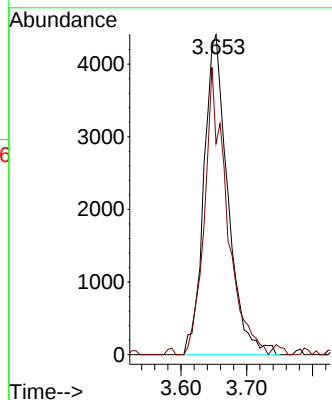
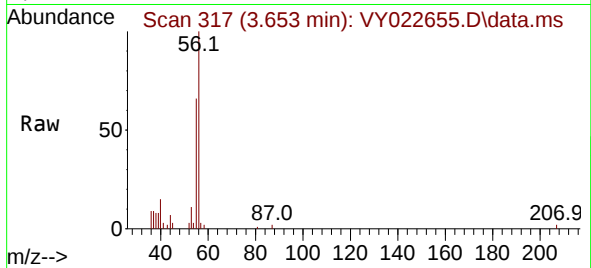




#13
Acrolein
Concen: 72.712 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

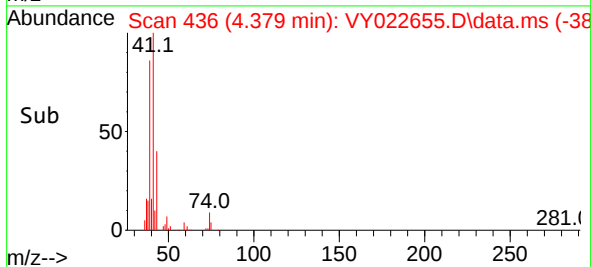
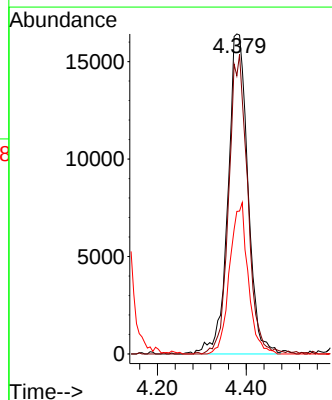
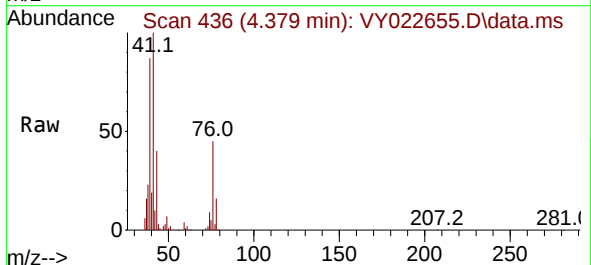
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

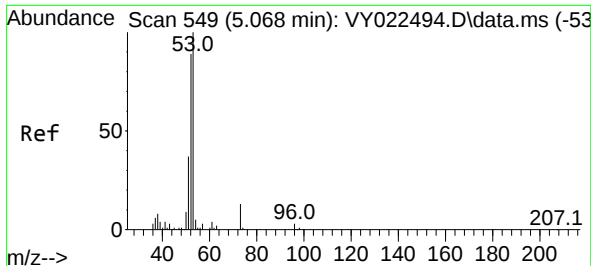
Tgt Ion: 56 Resp: 11169
Ion Ratio Lower Upper
56 100
55 83.9 57.0 85.6



#14
Allyl chloride
Concen: 20.153 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 41 Resp: 51189
Ion Ratio Lower Upper
41 100
39 88.2 69.1 103.7
76 43.7 33.5 50.3

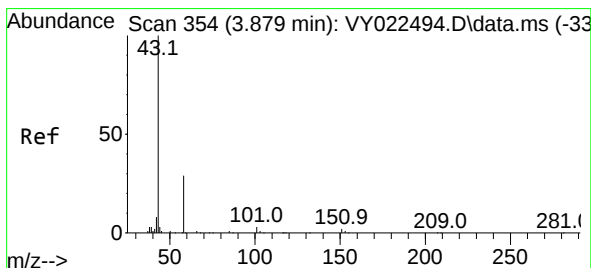
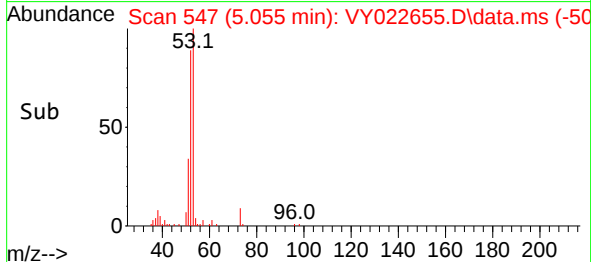
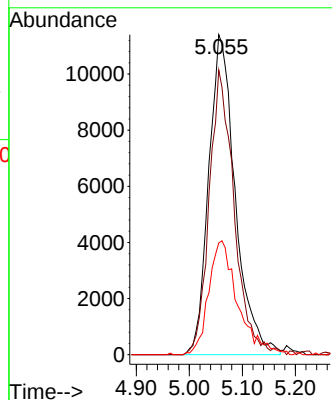
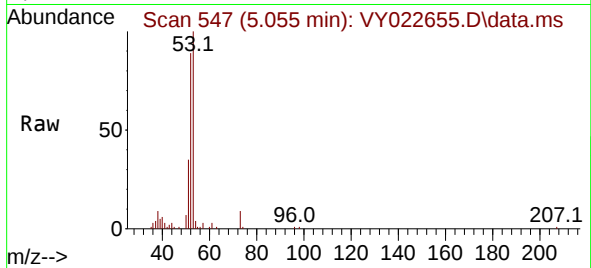




#15
Acrylonitrile
Concen: 103.367 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

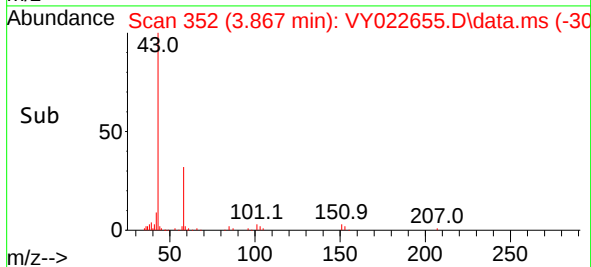
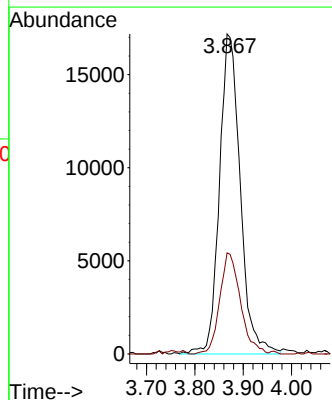
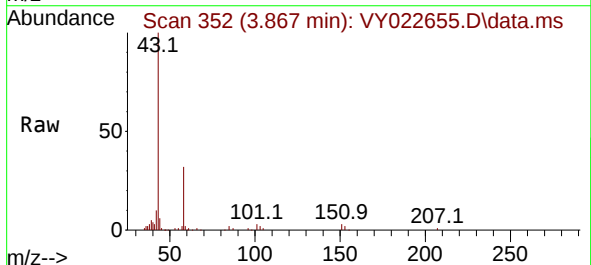
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

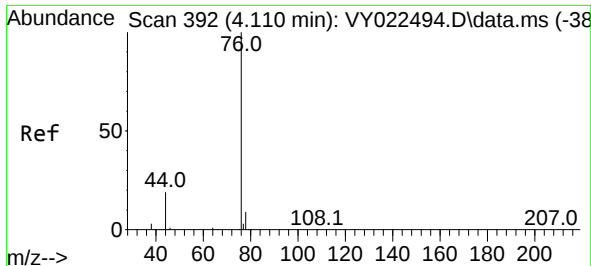
Tgt Ion: 53 Resp: 39623
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 39.0 30.1 45.1



#16
Acetone
Concen: 146.196 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 51236
Ion Ratio Lower Upper
43 100
58 31.6 24.0 36.0

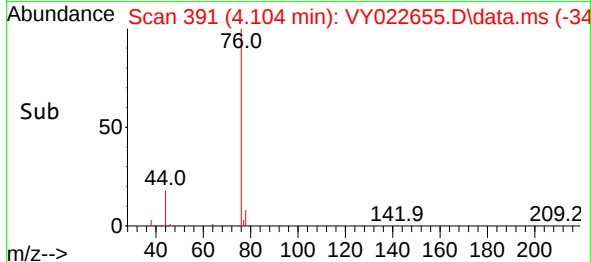
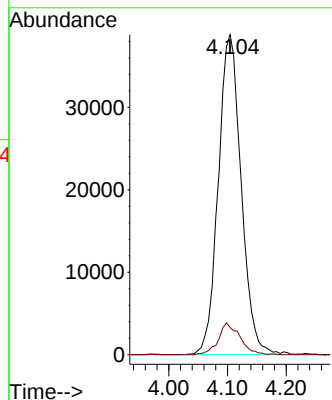
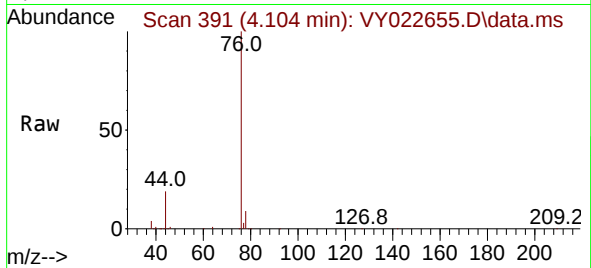




#17
Carbon Disulfide
Concen: 20.273 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

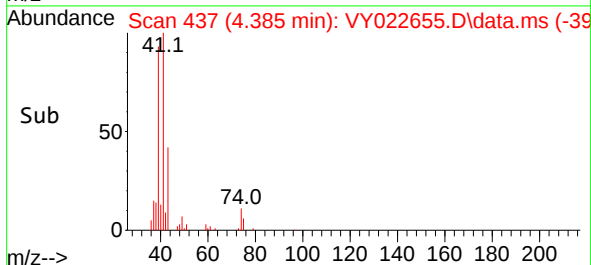
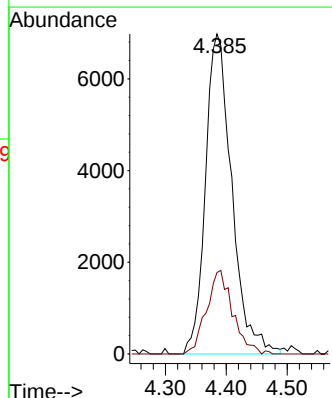
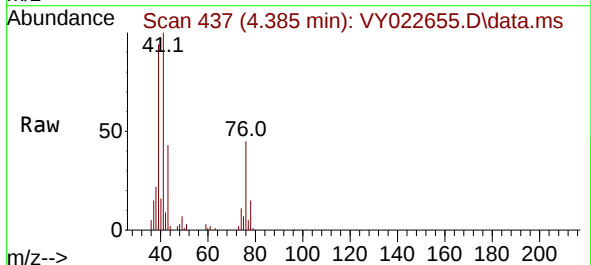
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

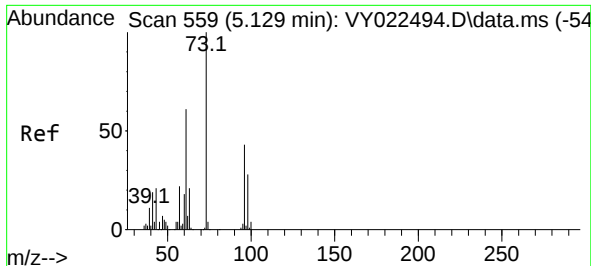
Tgt Ion: 76 Resp: 105015
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 20.191 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 20954
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6

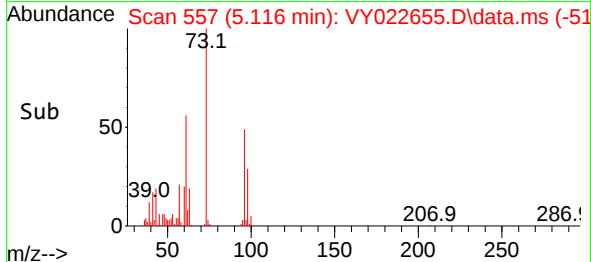
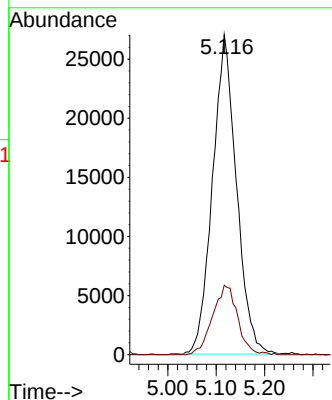
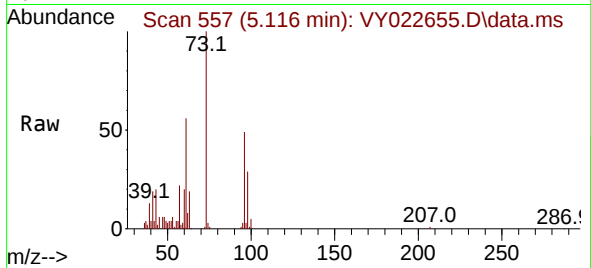




#19
Methyl tert-butyl Ether
Concen: 20.360 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

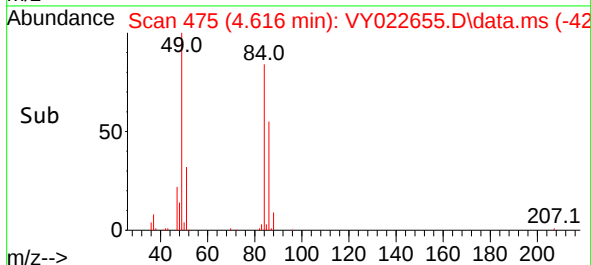
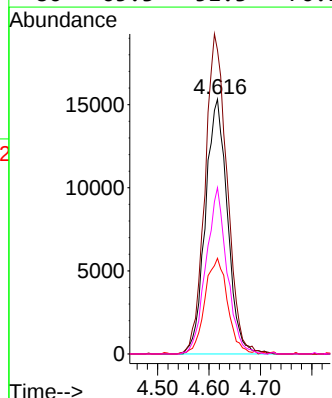
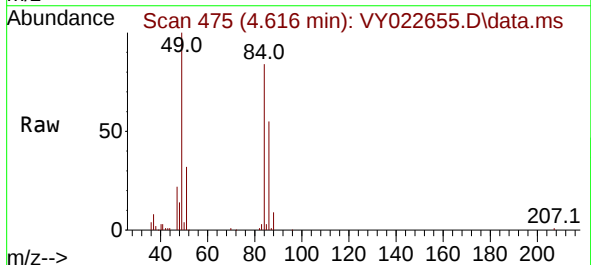
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

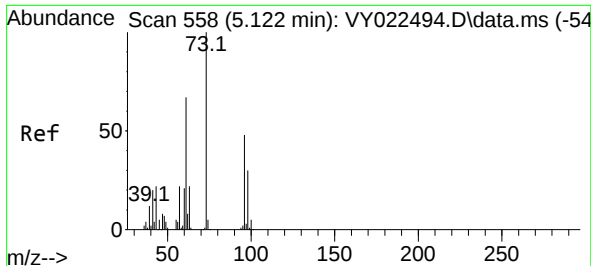
Tgt Ion: 73 Resp: 92788
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 22.955 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 84 Resp: 45698
Ion Ratio Lower Upper
84 100
49 119.3 101.9 152.9
51 37.6 29.8 44.8
86 65.3 51.3 76.9

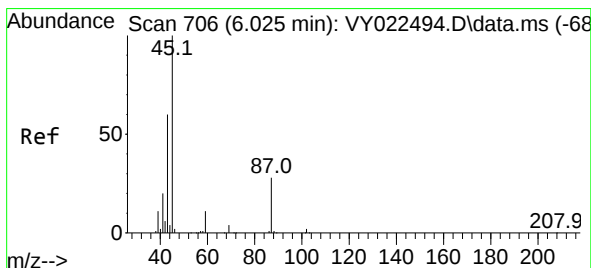
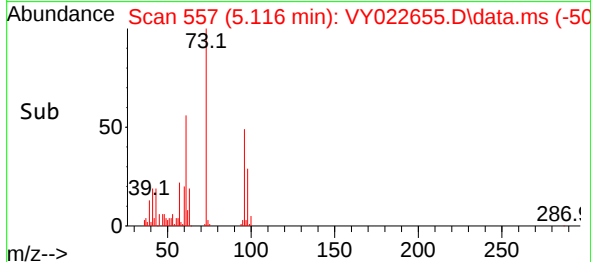
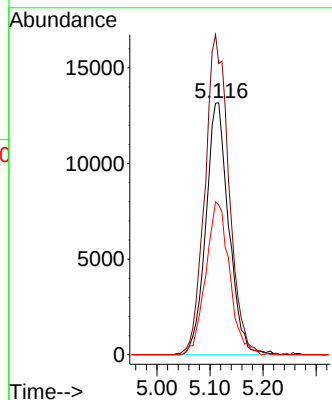
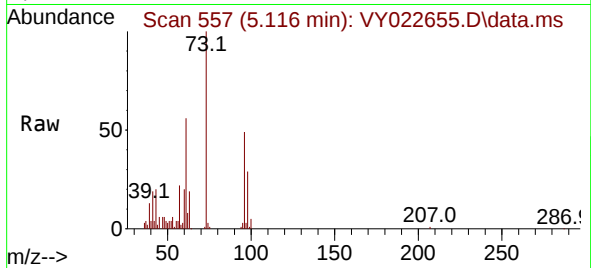




#21
trans-1,2-Dichloroethene
Concen: 21.790 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

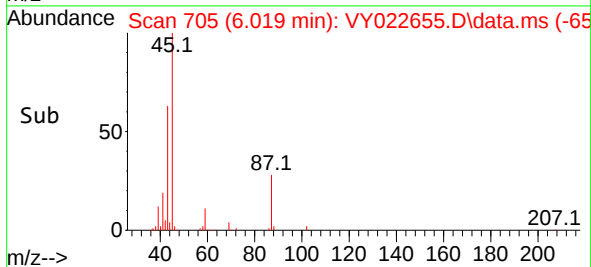
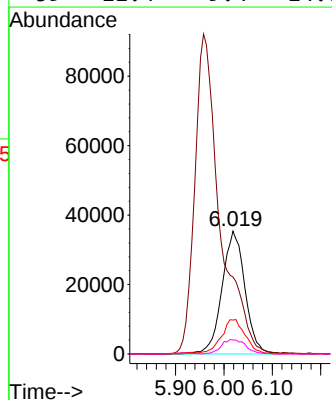
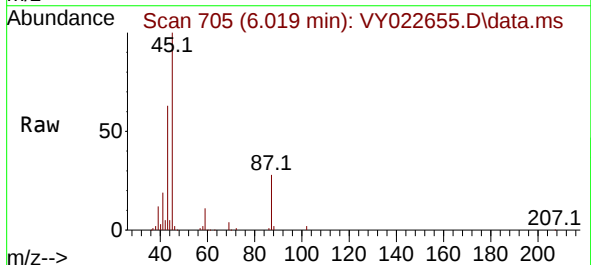
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 96 Resp: 39459
Ion Ratio Lower Upper
96 100
61 115.6 112.6 169.0
98 59.4 50.6 75.8



#22
Diisopropyl ether
Concen: 20.566 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 45 Resp: 116281
Ion Ratio Lower Upper
45 100
43 62.0 48.3 72.5
87 27.6 23.0 34.6
59 11.4 9.4 14.0

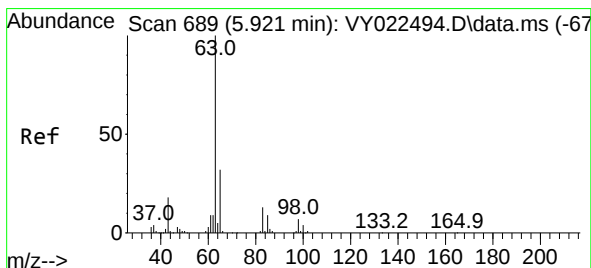
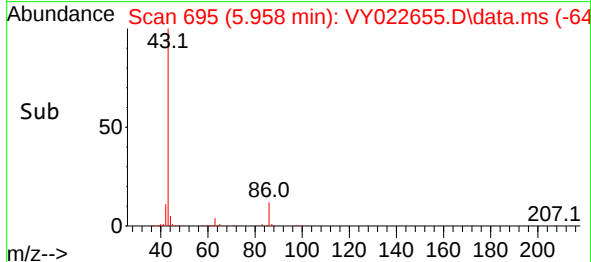
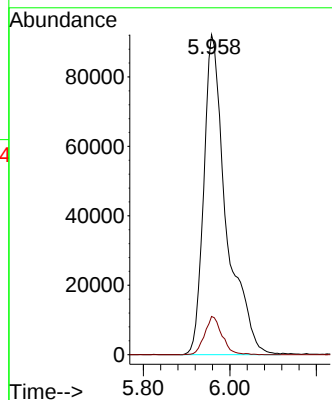
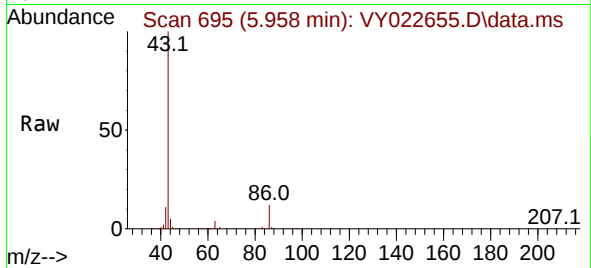




#23
 Vinyl Acetate
 Concen: 99.313 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022655.D
 Acq: 11 Jun 2025 11:23

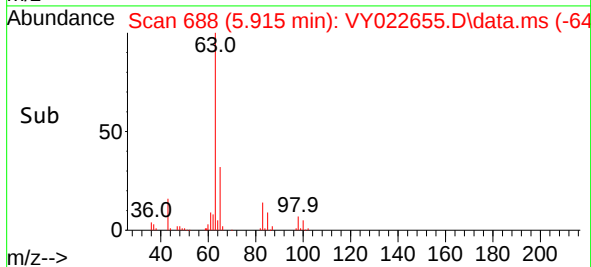
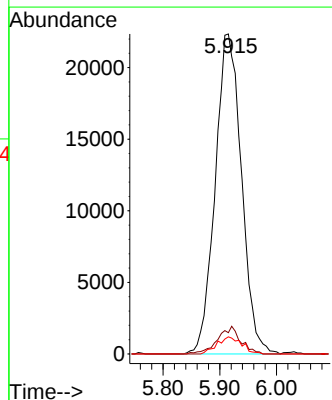
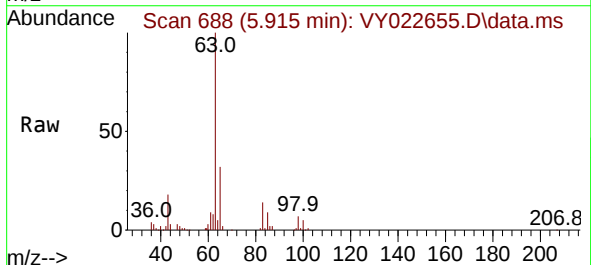
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBSD01

Tgt Ion: 43 Resp: 332344
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.579 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022655.D
 Acq: 11 Jun 2025 11:23

Tgt Ion: 63 Resp: 71877
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 5.4 2.1 6.3

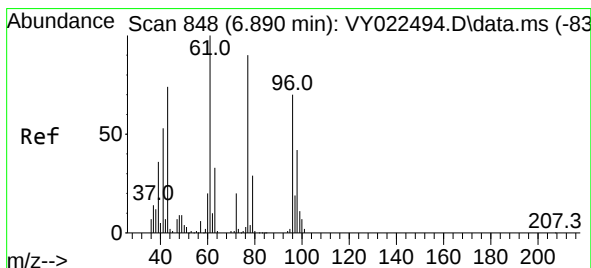
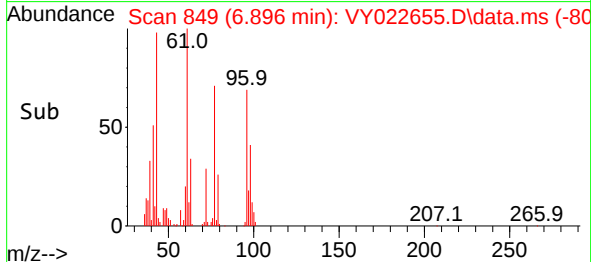
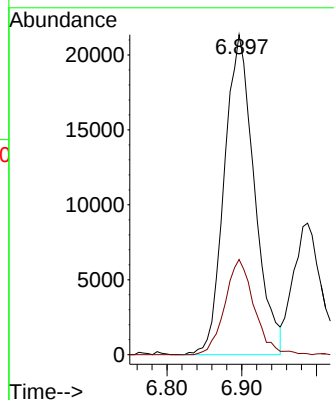
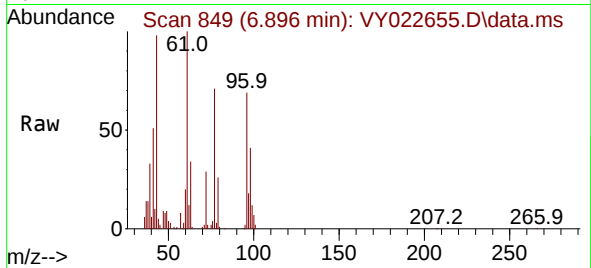




#25
2-Butanone
Concen: 118.122 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

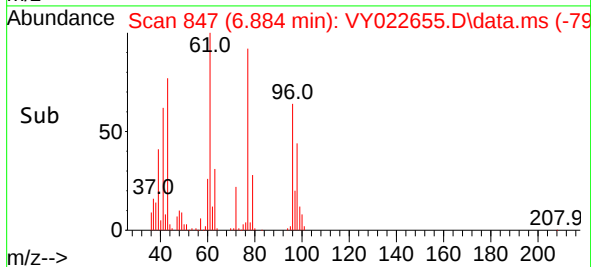
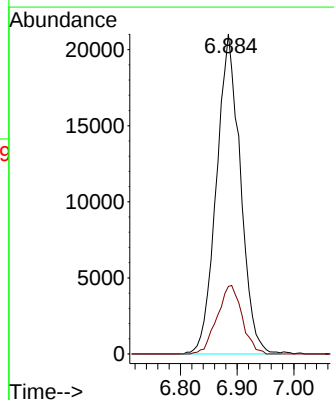
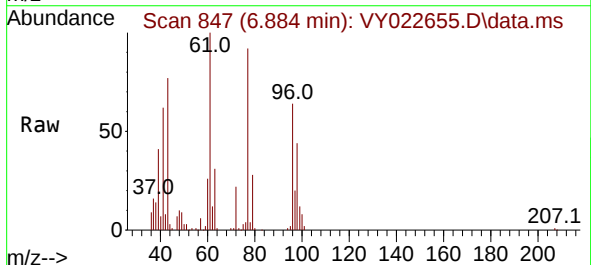
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 43 Resp: 59713
Ion Ratio Lower Upper
43 100
72 29.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.912 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 77 Resp: 61544
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.567 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

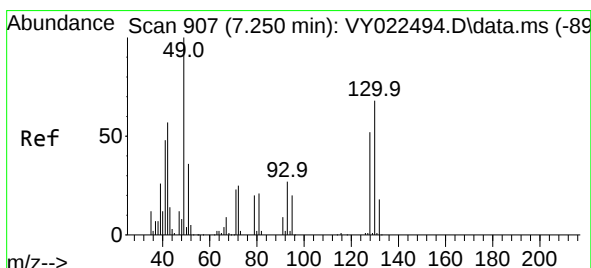
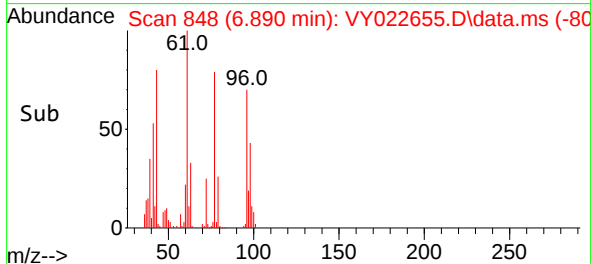
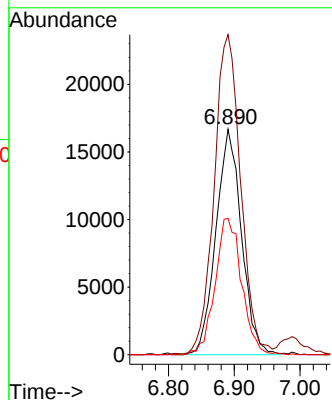
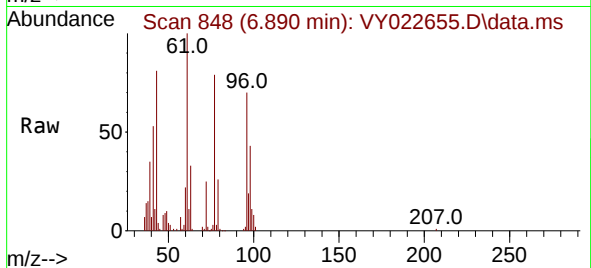
Tgt Ion: 96 Resp: 45141

Ion Ratio Lower Upper

96 100

61 147.6 0.0 290.0

98 62.7 0.0 128.4



#28

Bromochloromethane

Concen: 21.045 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

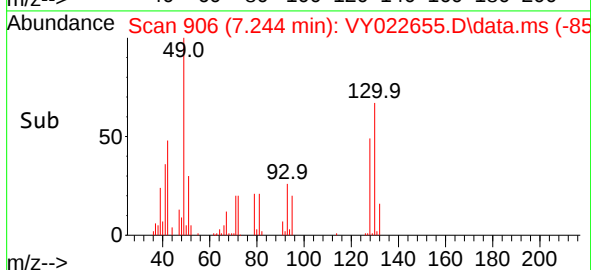
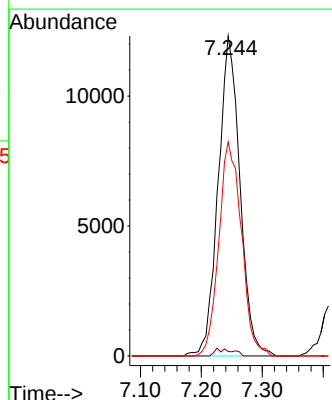
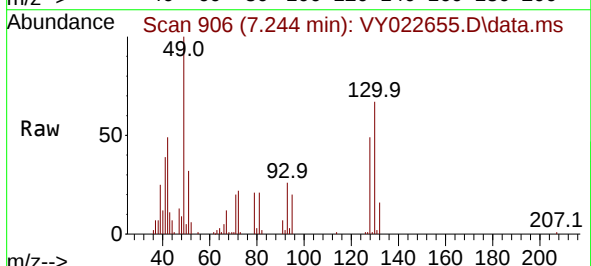
Tgt Ion: 49 Resp: 30556

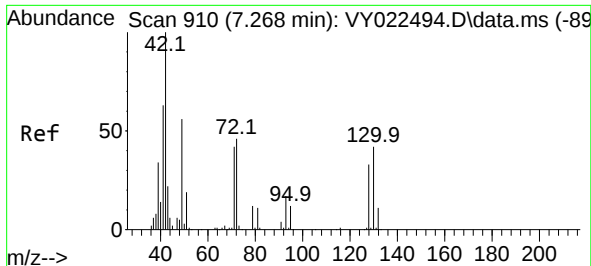
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 69.6 55.7 83.5





#29

Tetrahydrofuran

Concen: 100.986 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

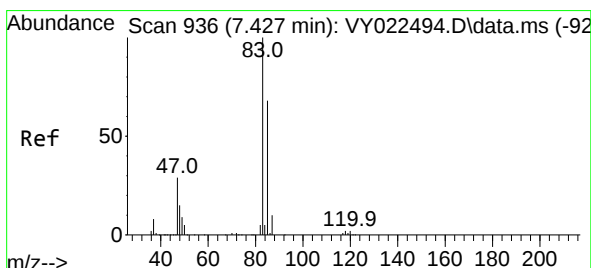
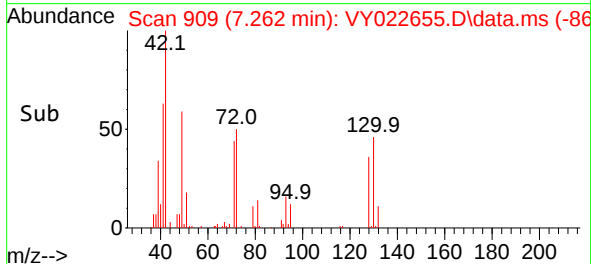
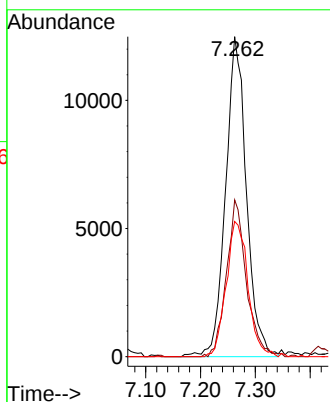
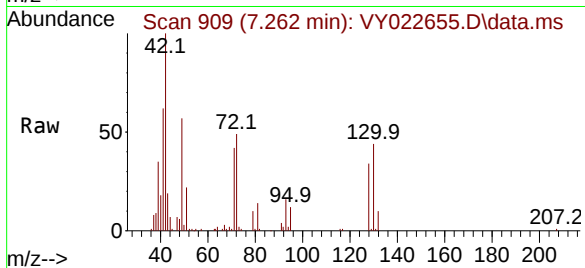
Tgt Ion: 42 Resp: 32926

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.2

71 44.2 34.2 51.2



#30

Chloroform

Concen: 22.360 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022655.D

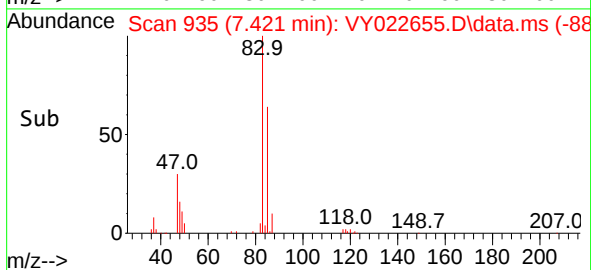
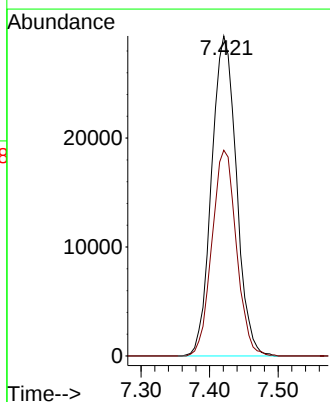
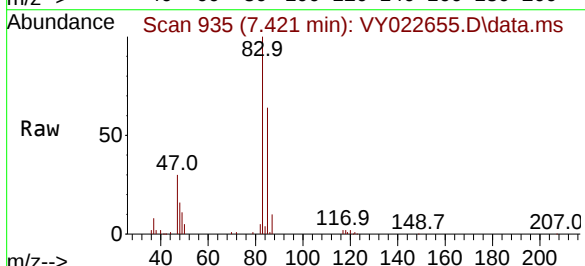
Acq: 11 Jun 2025 11:23

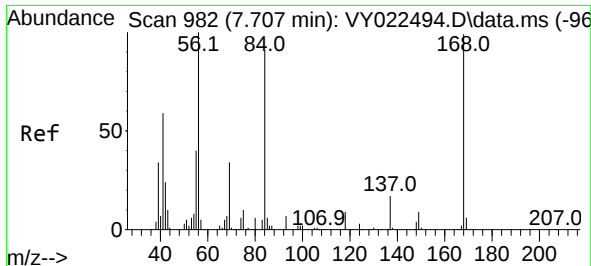
Tgt Ion: 83 Resp: 73770

Ion Ratio Lower Upper

83 100

85 64.3 54.2 81.4

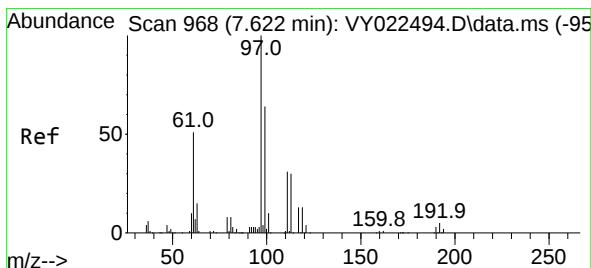
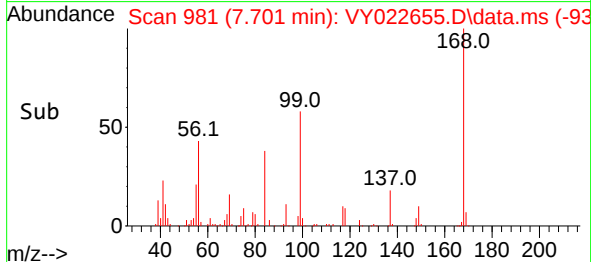
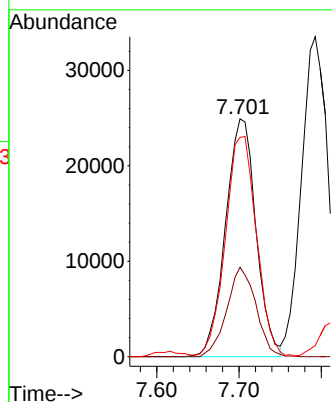
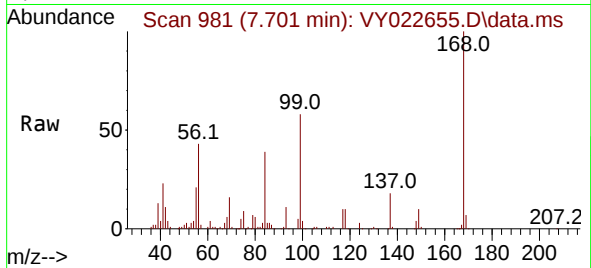




#31
Cyclohexane
Concen: 19.382 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

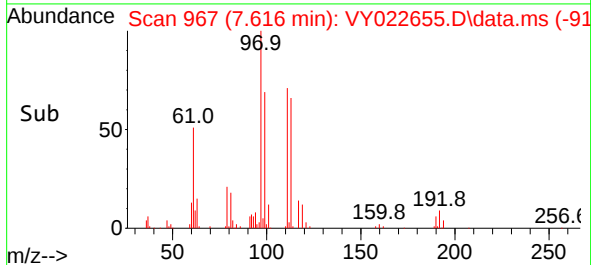
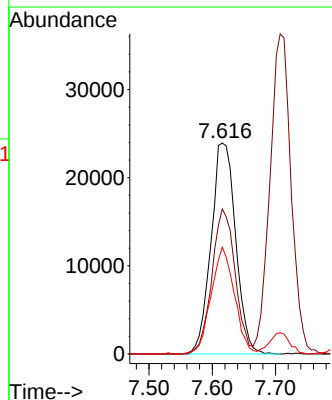
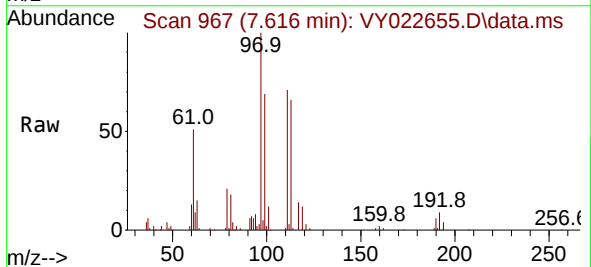
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

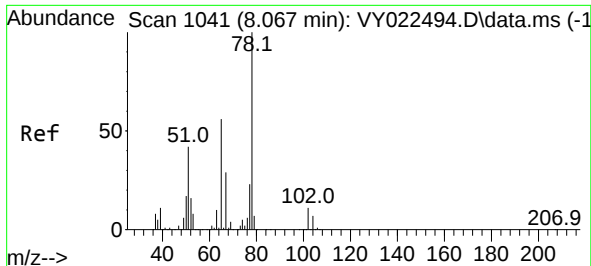
Tgt Ion: 56 Resp: 64272
Ion Ratio Lower Upper
56 100
69 37.6 27.0 40.6
84 90.9 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.053 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 97 Resp: 64586
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 47.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.486 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

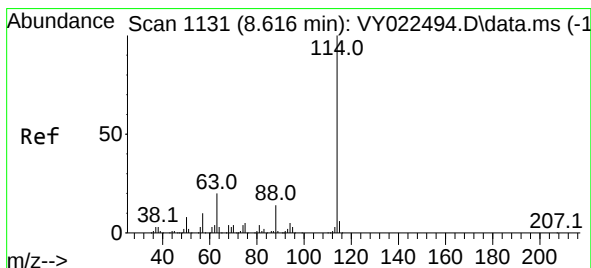
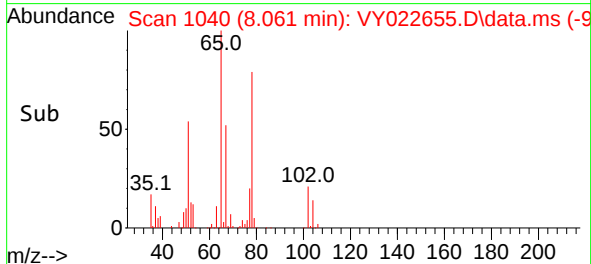
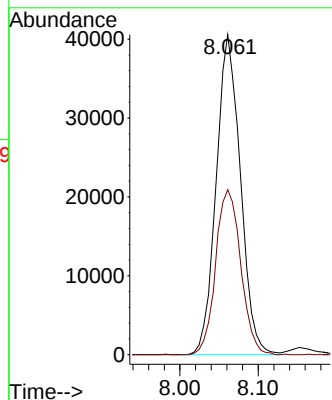
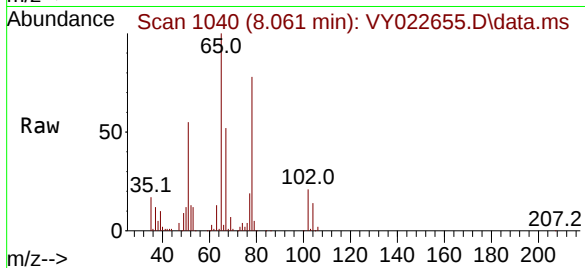
VY0611SBSD01

Tgt Ion: 65 Resp: 87123

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

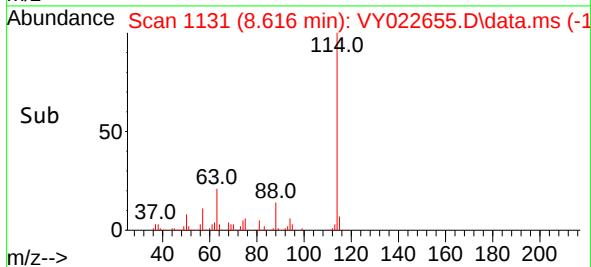
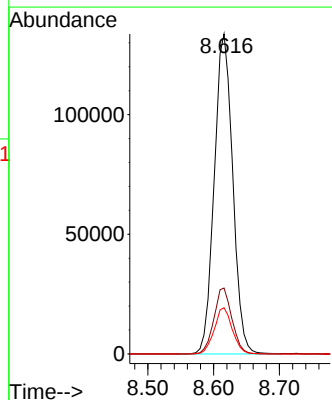
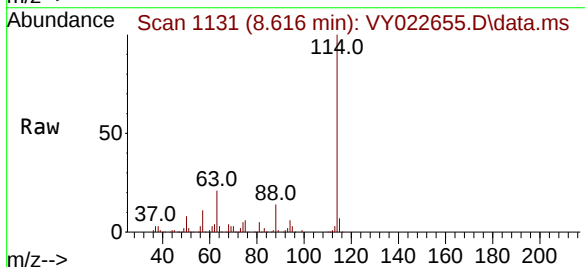
Tgt Ion: 114 Resp: 261377

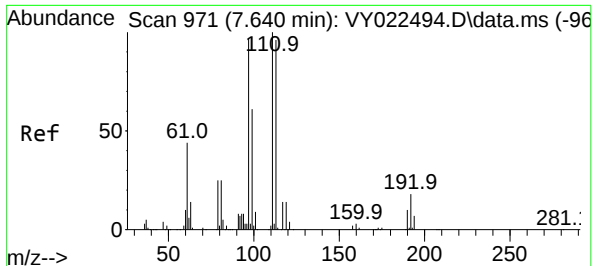
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 14.4 0.0 27.8





#35

Dibromofluoromethane

Concen: 51.570 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

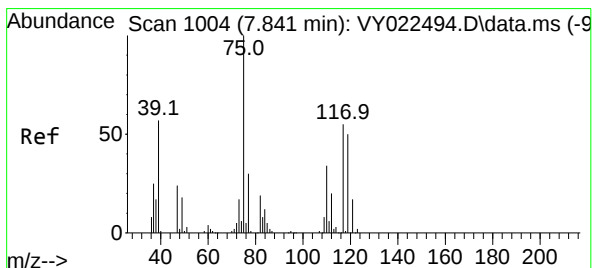
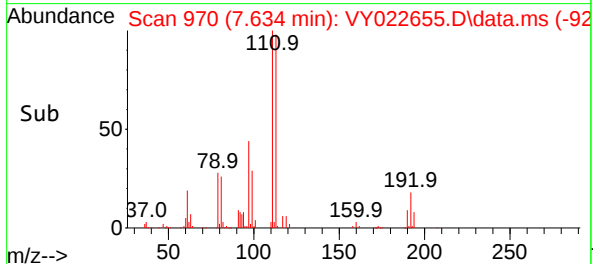
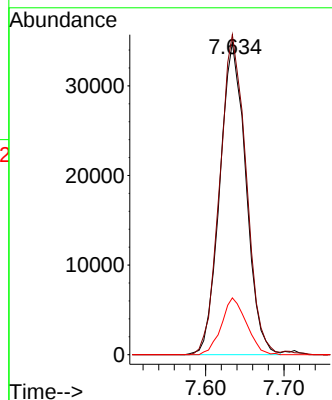
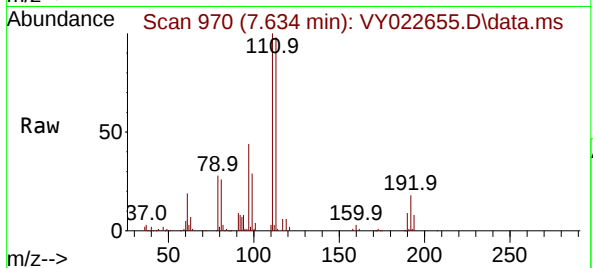
Tgt Ion:113 Resp: 80454

Ion Ratio Lower Upper

113 100

111 103.6 81.1 121.7

192 17.5 14.2 21.2



#36

1,1-Dichloropropene

Concen: 21.243 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

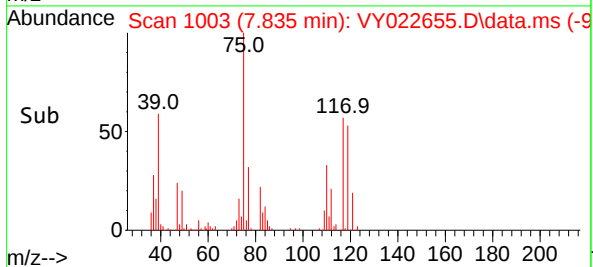
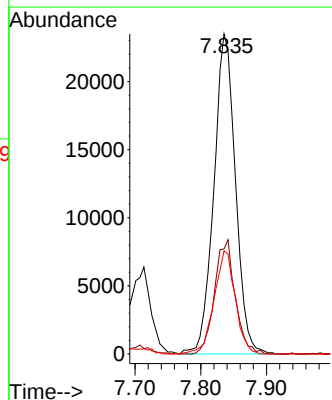
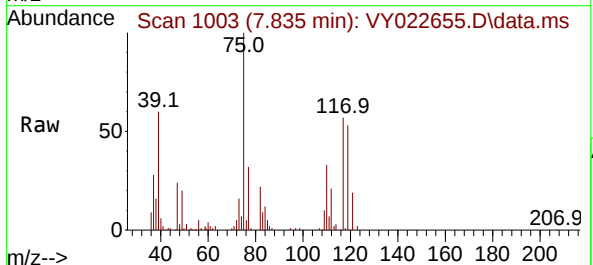
Tgt Ion: 75 Resp: 53788

Ion Ratio Lower Upper

75 100

110 34.0 16.9 50.7

77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 20.801 ug/l

RT: 6.988 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

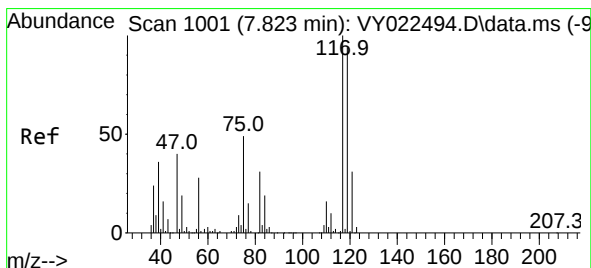
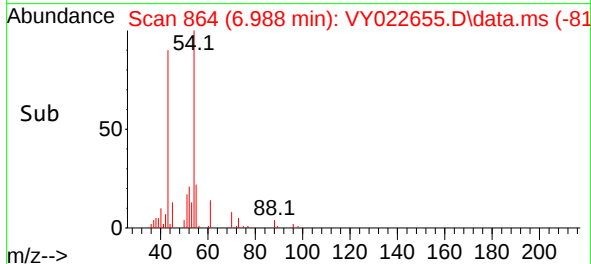
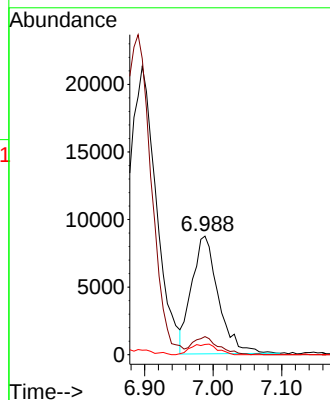
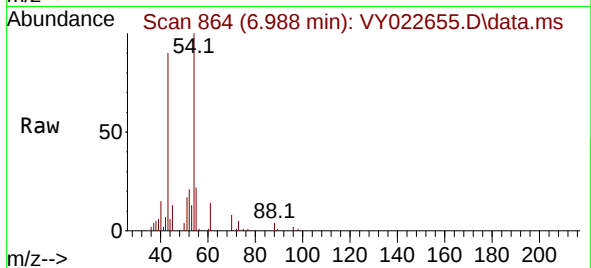
Tgt Ion: 43 Resp: 23488

Ion Ratio Lower Upper

43 100

61 14.6 11.5 17.3

70 9.0 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.352 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

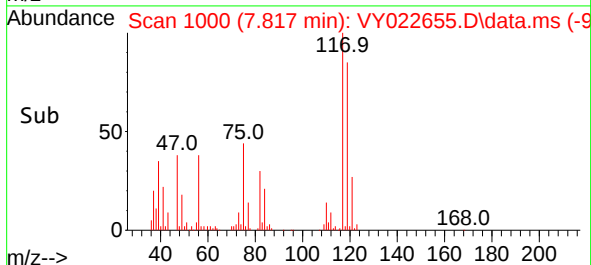
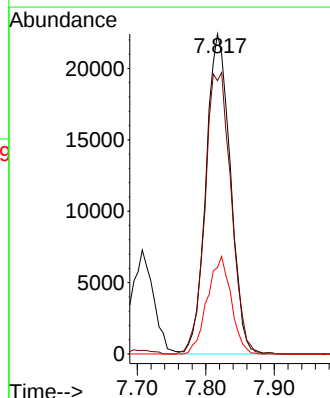
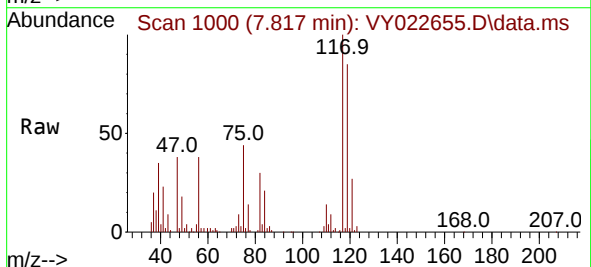
Tgt Ion: 117 Resp: 55462

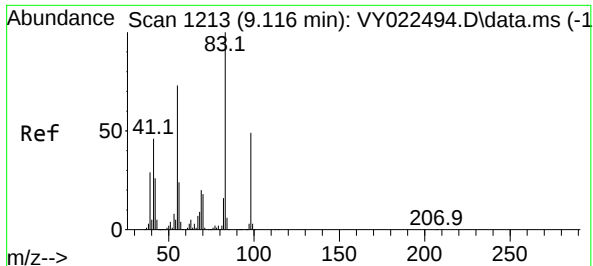
Ion Ratio Lower Upper

117 100

119 85.4 75.0 112.6

121 26.9 25.0 37.4





#39

Methylcyclohexane

Concen: 20.022 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

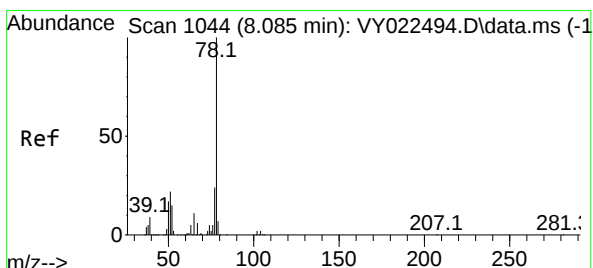
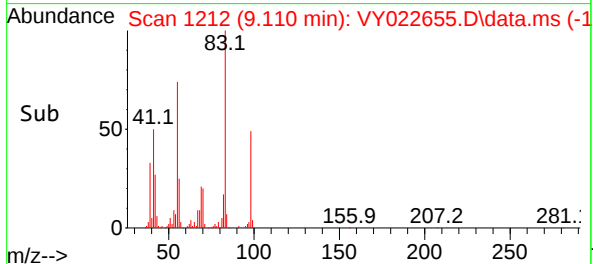
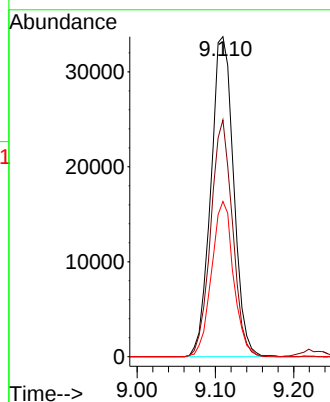
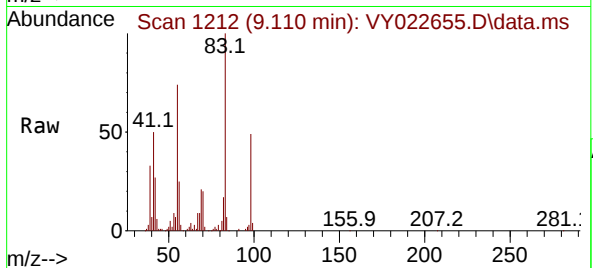
Tgt Ion: 83 Resp: 68129

Ion Ratio Lower Upper

83 100

55 74.0 58.1 87.1

98 48.5 39.0 58.6



#40

Benzene

Concen: 21.851 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022655.D

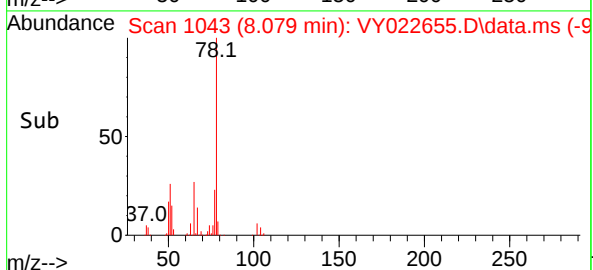
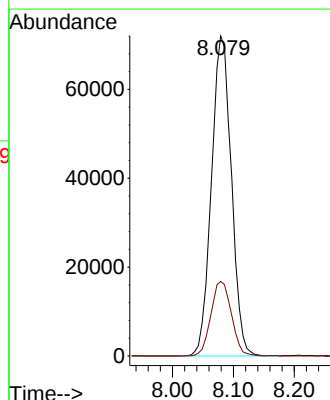
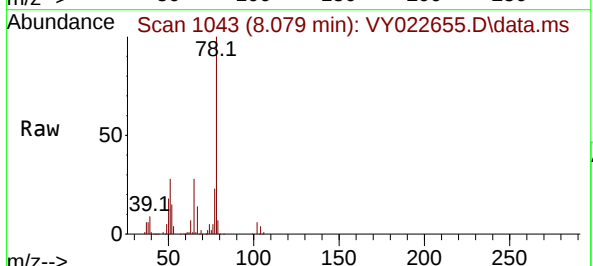
Acq: 11 Jun 2025 11:23

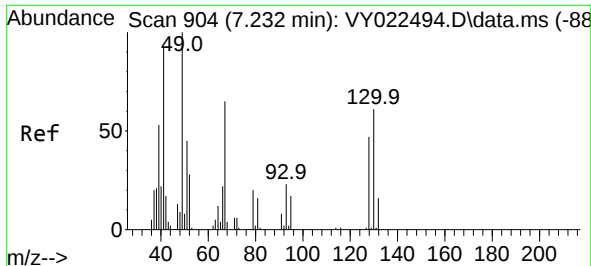
Tgt Ion: 78 Resp: 163413

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

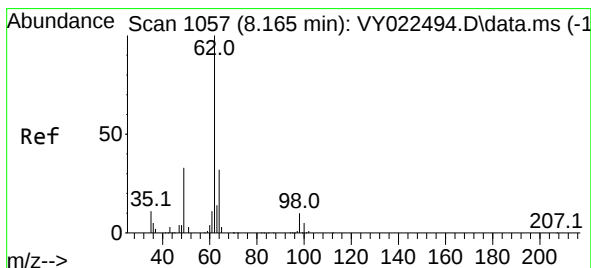
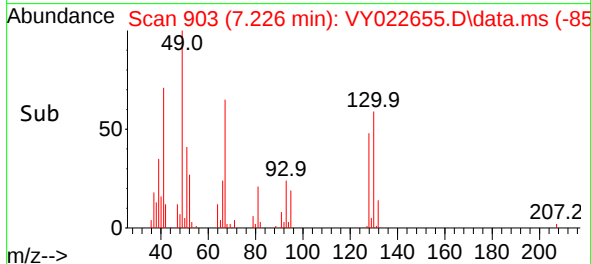
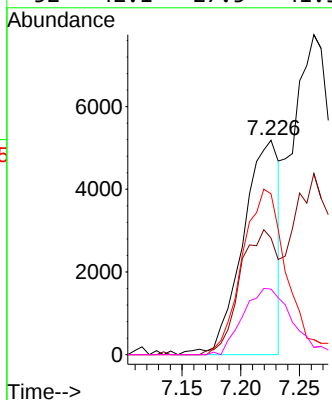
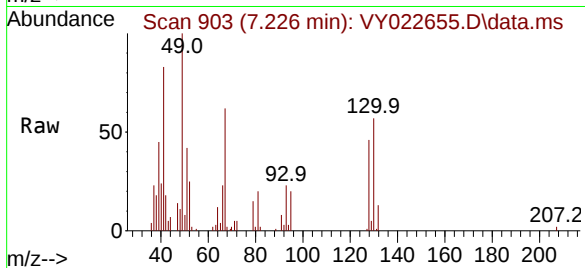




#41
Methacrylonitrile
Concen: 16.769 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

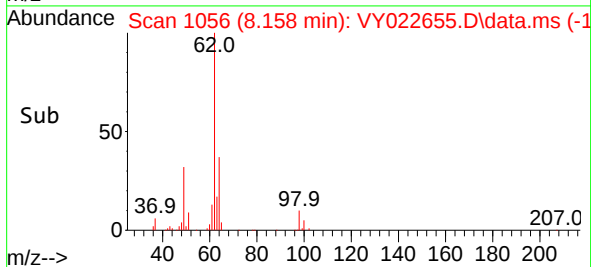
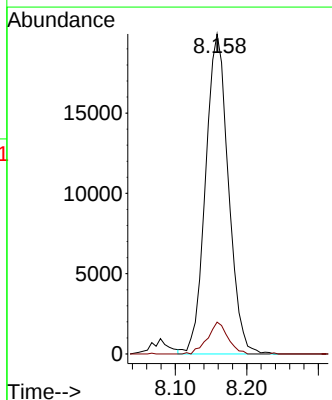
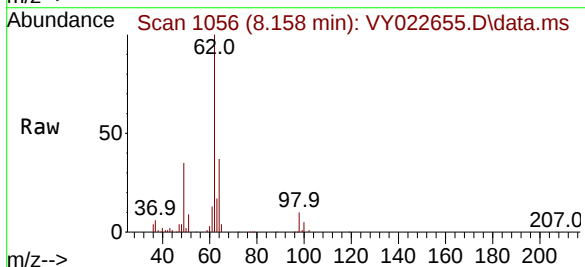
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

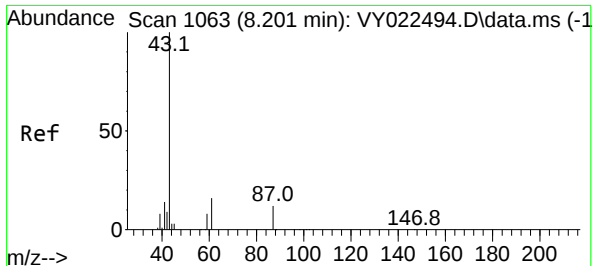
Tgt Ion: 41 Resp: 11060
Ion Ratio Lower Upper
41 100
39 59.8 46.6 69.8
67 95.1 63.3 94.9#
52 42.1 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 21.660 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 62 Resp: 44229
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.992 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

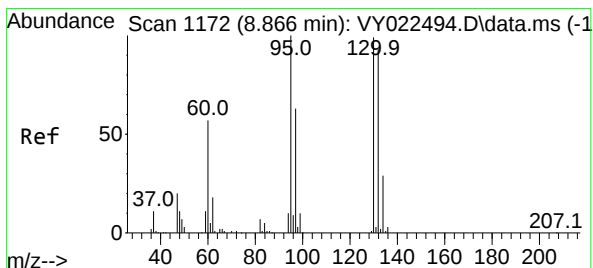
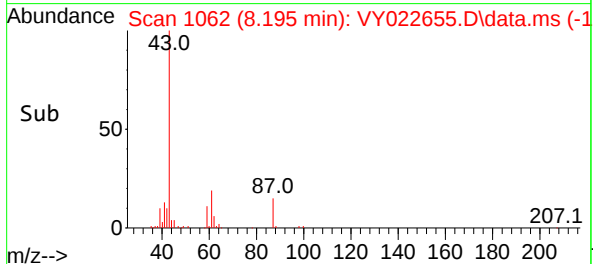
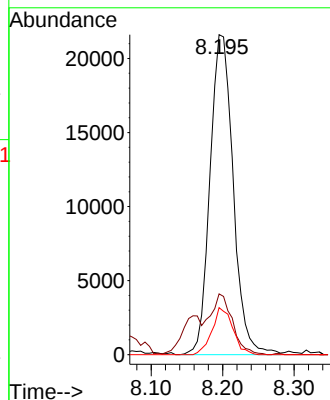
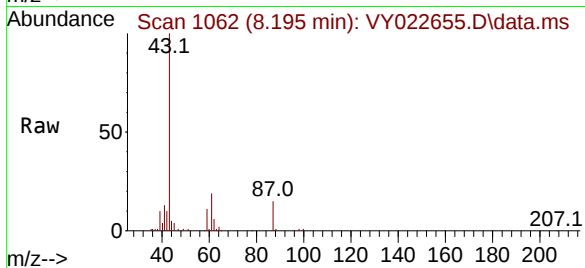
Tgt Ion: 43 Resp: 48754

Ion Ratio Lower Upper

43 100

61 16.7 15.6 23.4

87 13.2 10.2 15.4



#44

Trichloroethene

Concen: 21.815 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY022655.D

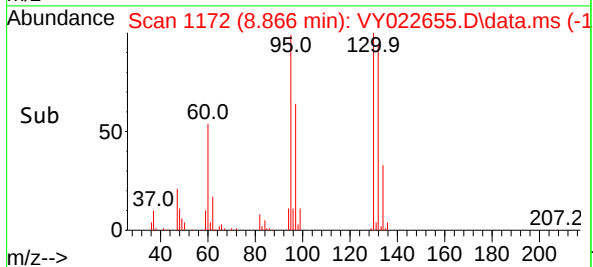
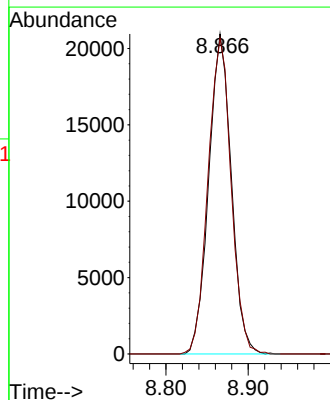
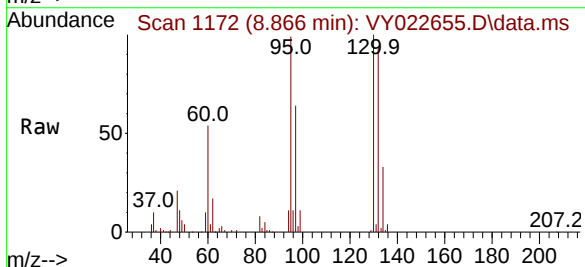
Acq: 11 Jun 2025 11:23

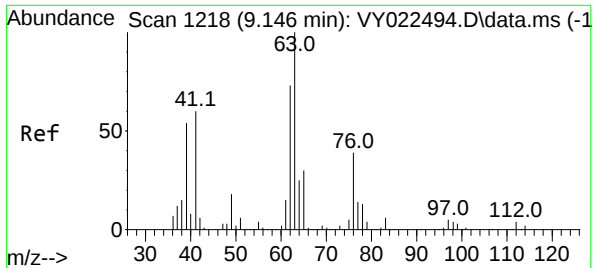
Tgt Ion:130 Resp: 39874

Ion Ratio Lower Upper

130 100

95 98.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.729 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

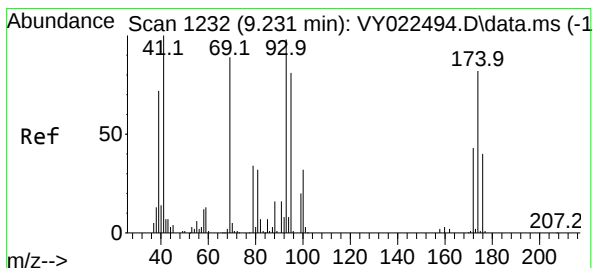
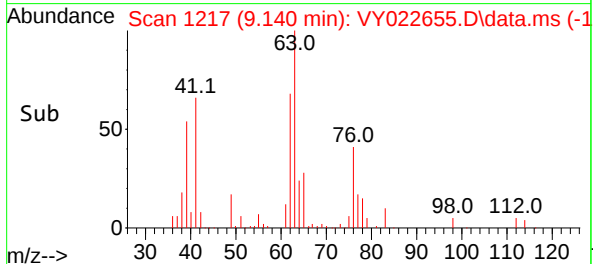
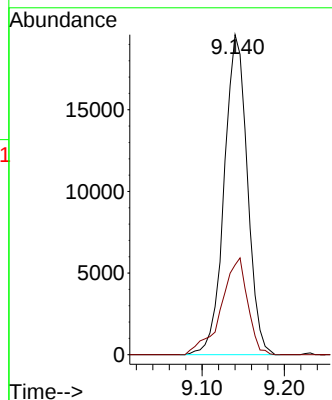
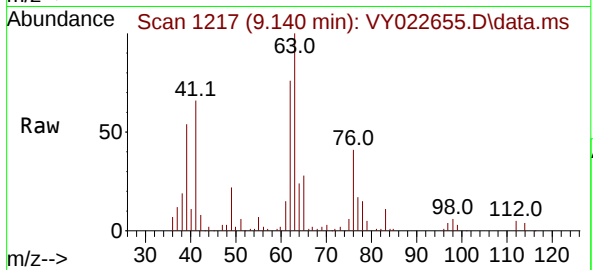
VY0611SBSD01

Tgt Ion: 63 Resp: 38405

Ion Ratio Lower Upper

63 100

65 28.0 24.0 36.0



#46

Dibromomethane

Concen: 21.164 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

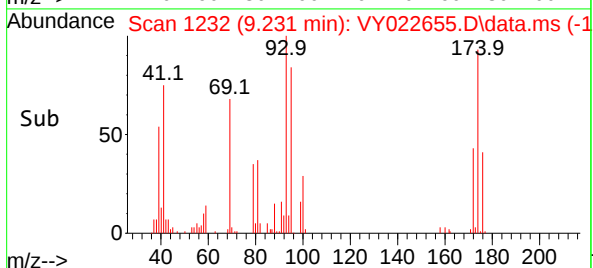
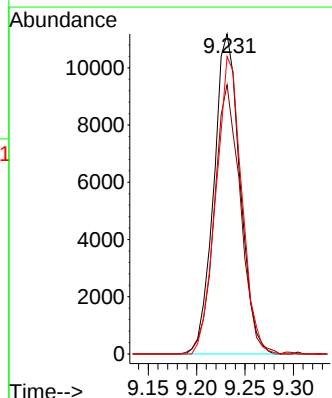
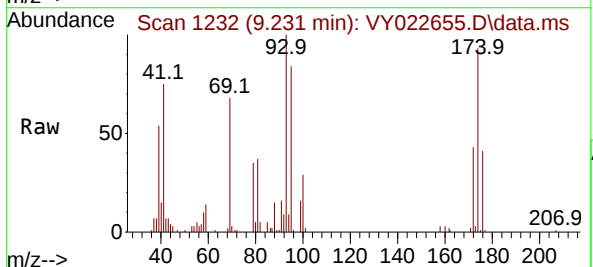
Tgt Ion: 93 Resp: 21044

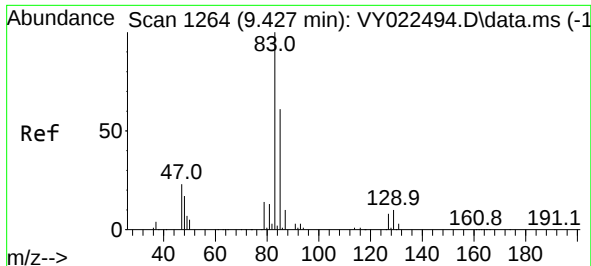
Ion Ratio Lower Upper

93 100

95 84.1 65.6 98.4

174 91.3 70.4 105.6

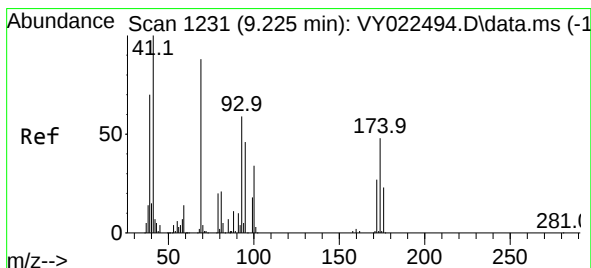
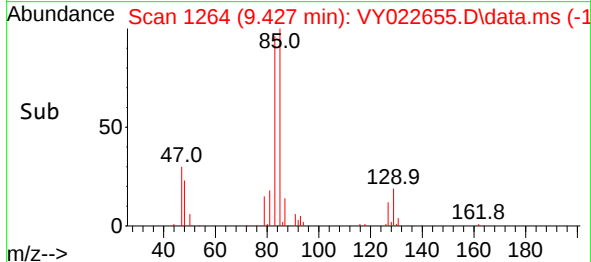
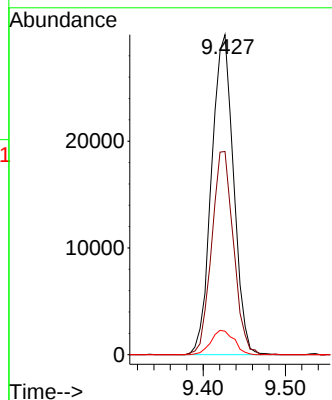
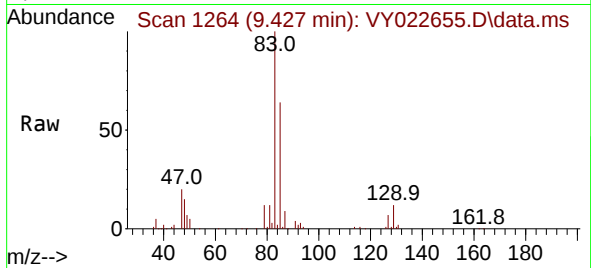




#47
Bromodichloromethane
Concen: 22.084 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

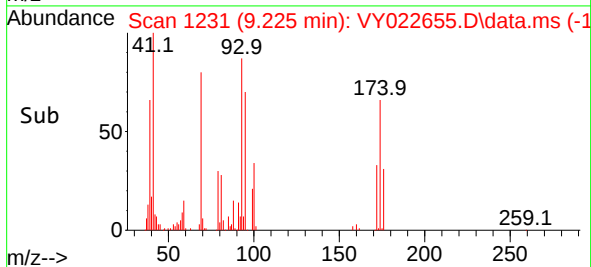
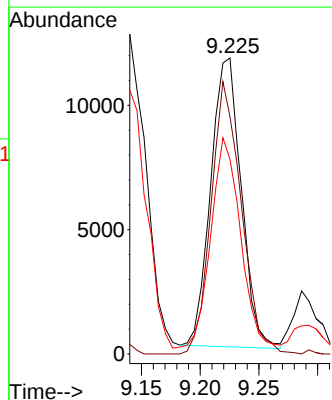
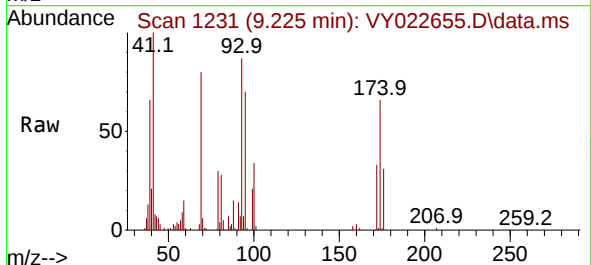
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

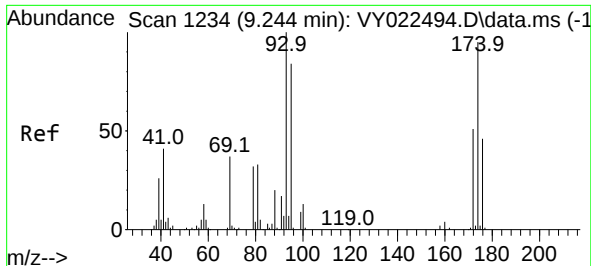
Tgt Ion: 83 Resp: 55680
Ion Ratio Lower Upper
83 100
85 63.5 49.1 73.7
127 7.3 6.2 9.4



#48
Methyl methacrylate
Concen: 18.316 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 41 Resp: 20964
Ion Ratio Lower Upper
41 100
69 93.5 67.8 101.8
39 70.8 55.0 82.4

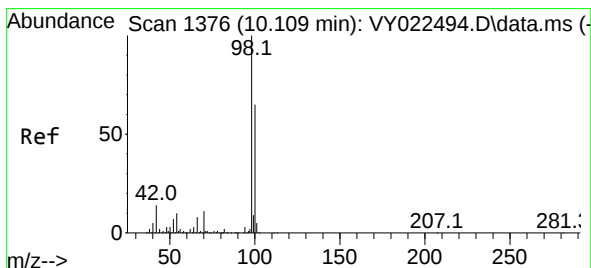
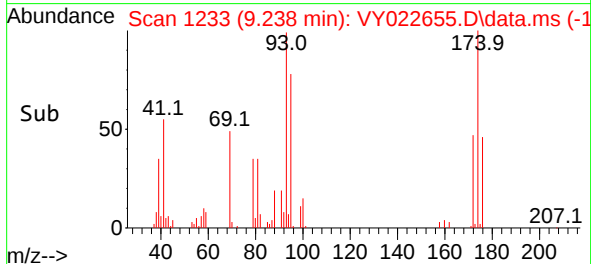
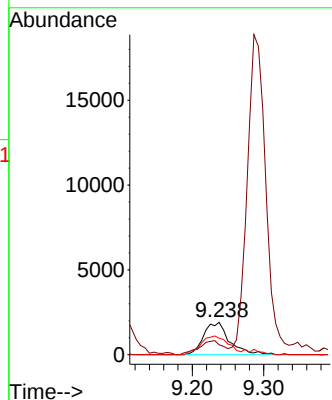
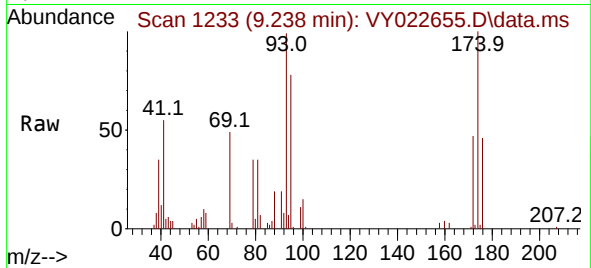




#49
1,4-Dioxane
Concen: 405.855 ug/l
RT: 9.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

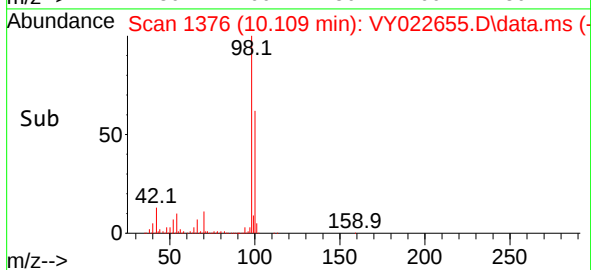
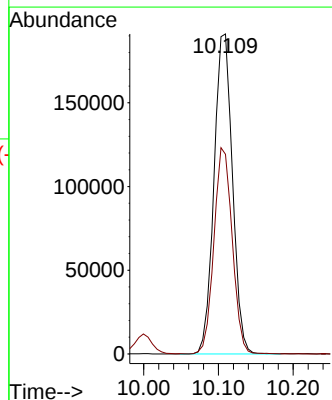
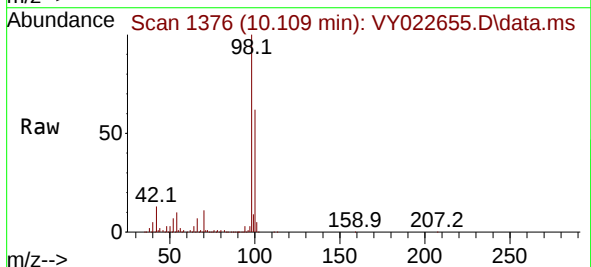
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

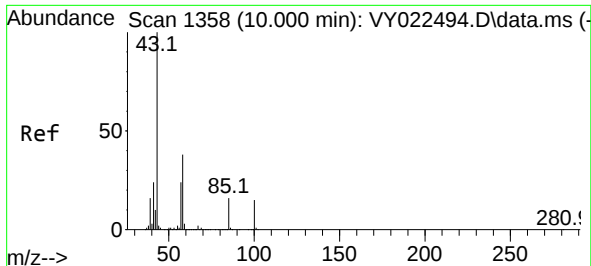
Tgt Ion: 88 Resp: 4781
Ion Ratio Lower Upper
88 100
43 39.7 25.4 38.2#
58 61.4 54.9 82.3



#50
Toluene-d8
Concen: 52.037 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 98 Resp: 328033
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0

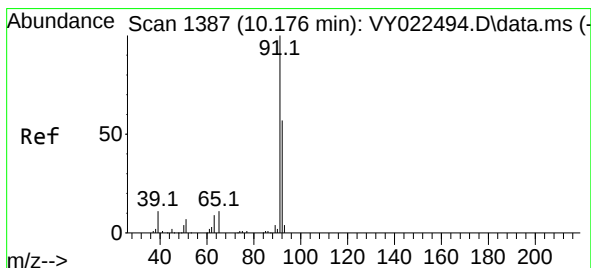
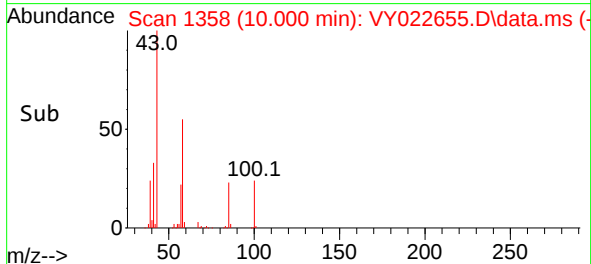
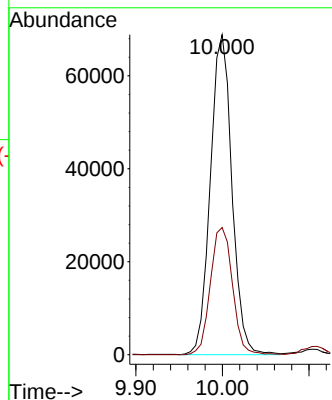
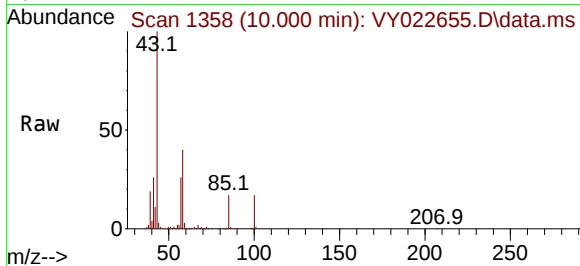




#51
4-Methyl-2-Pentanone
Concen: 98.107 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

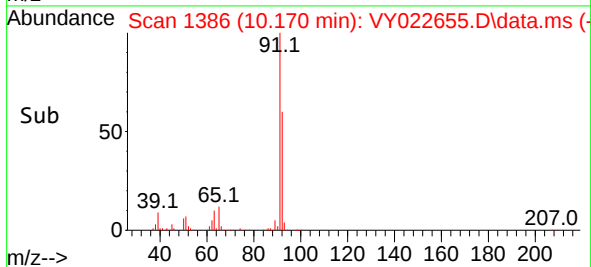
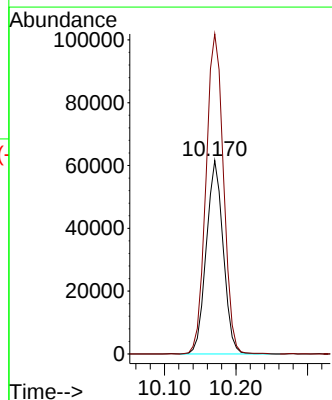
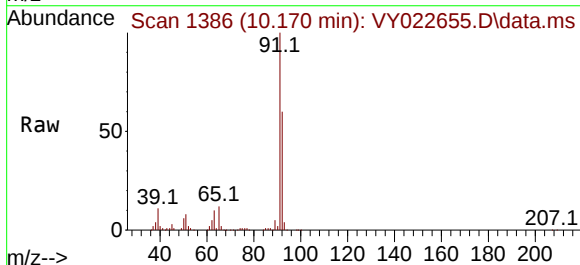
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

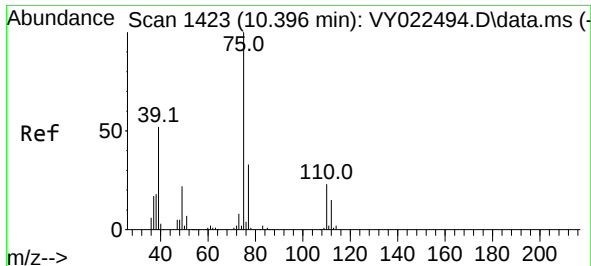
Tgt Ion: 43 Resp: 119284
Ion Ratio Lower Upper
43 100
58 40.7 30.4 45.6



#52
Toluene
Concen: 21.544 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 92 Resp: 101252
Ion Ratio Lower Upper
92 100
91 171.1 139.0 208.4

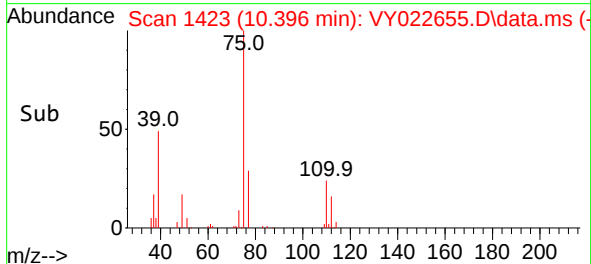
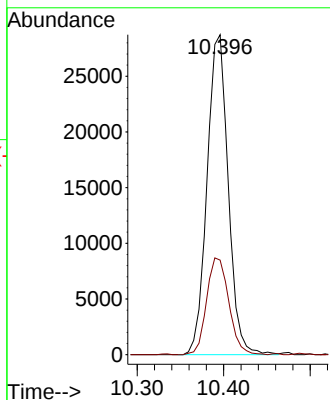
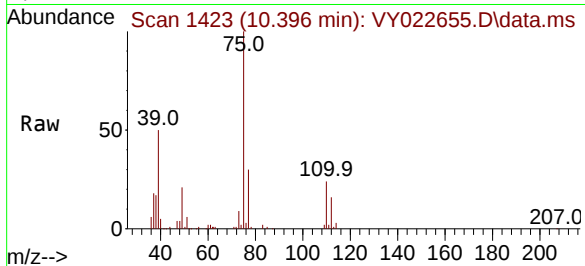




#53
 t-1,3-Dichloropropene
 Concen: 20.629 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022655.D
 Acq: 11 Jun 2025 11:23

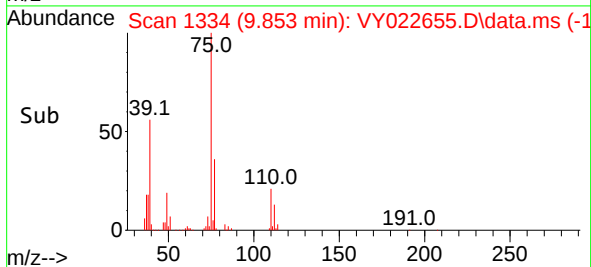
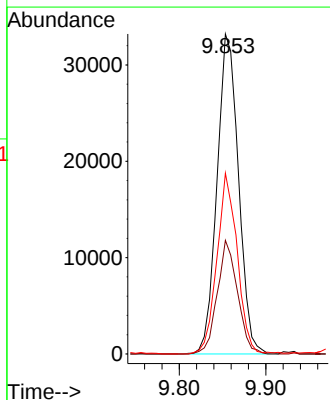
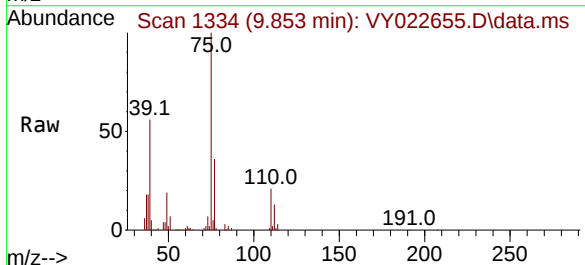
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBSD01

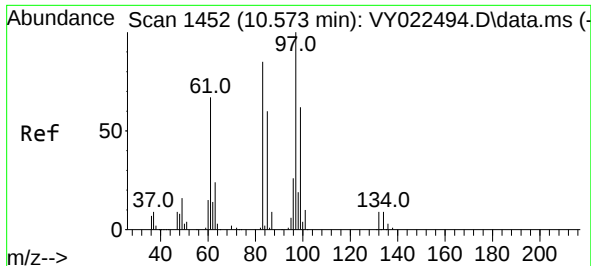
Tgt Ion: 75 Resp: 48733
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.820 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022655.D
 Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 57255
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.3 37.9
 39 56.5 42.7 64.1

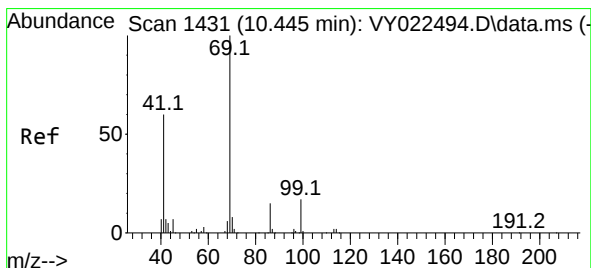
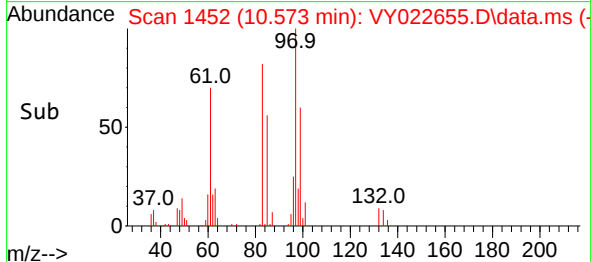
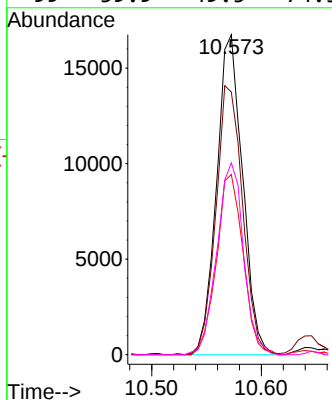
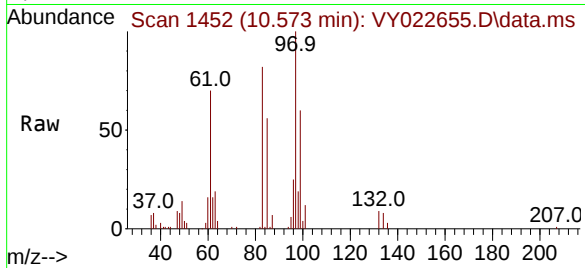




#55
1,1,2-Trichloroethane
Concen: 21.784 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

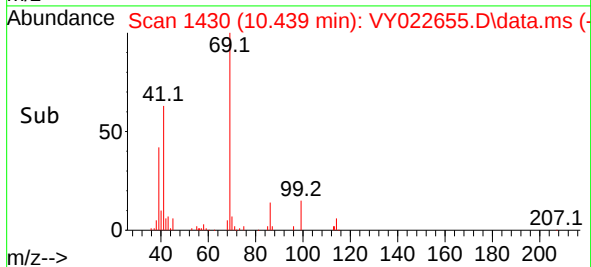
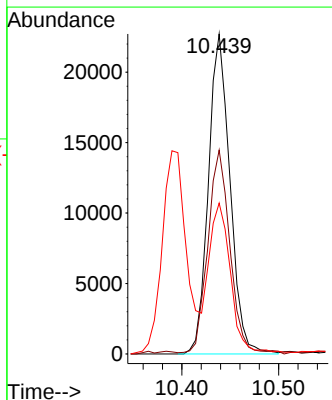
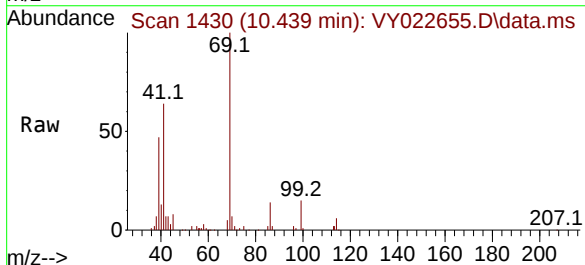
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:	97	Resp:	27620
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.1	102.1
85	56.3	48.2	72.2
99	59.9	49.5	74.3



#56
Ethyl methacrylate
Concen: 19.225 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:	69	Resp:	35231
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	47.2	36.7	55.1





#57

1,3-Dichloropropane

Concen: 21.396 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

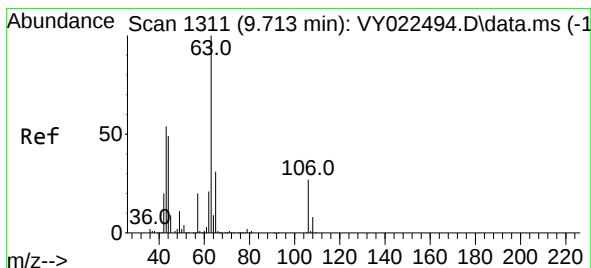
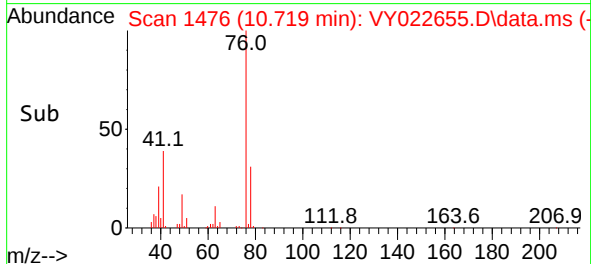
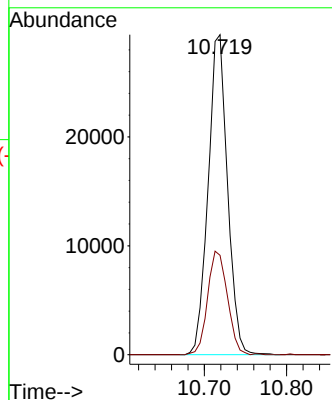
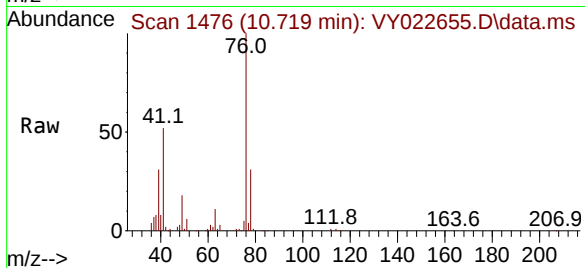
VY0611SBSD01

Tgt Ion: 76 Resp: 48083

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.741 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022655.D

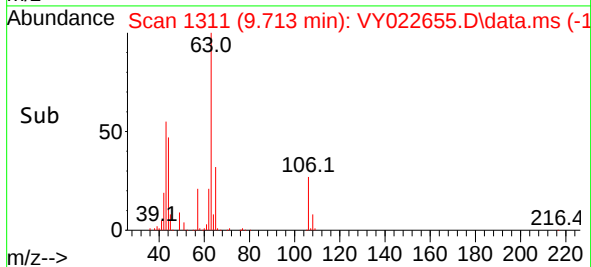
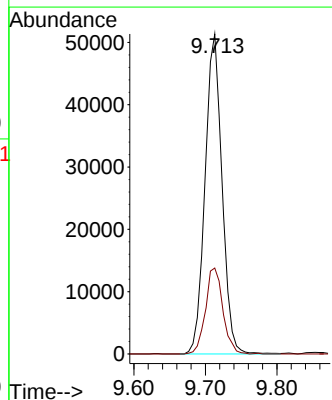
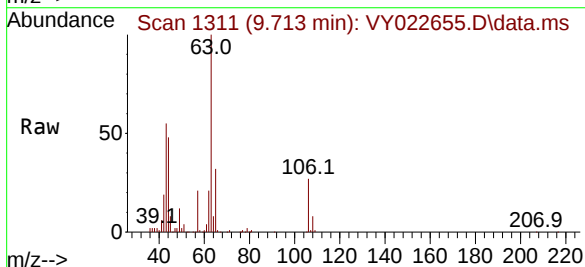
Acq: 11 Jun 2025 11:23

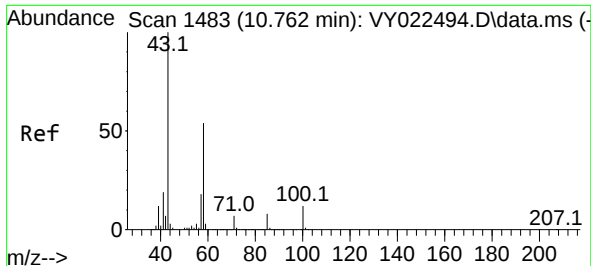
Tgt Ion: 63 Resp: 84651

Ion Ratio Lower Upper

63 100

106 27.5 21.6 32.4

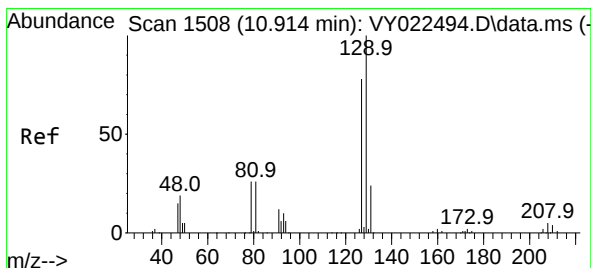
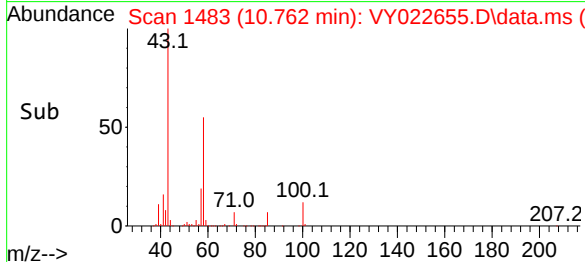
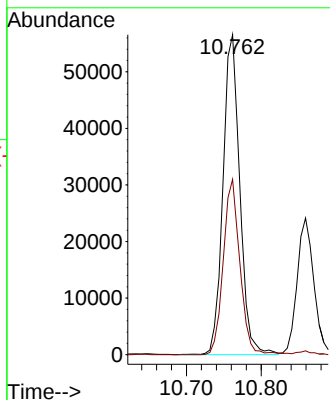
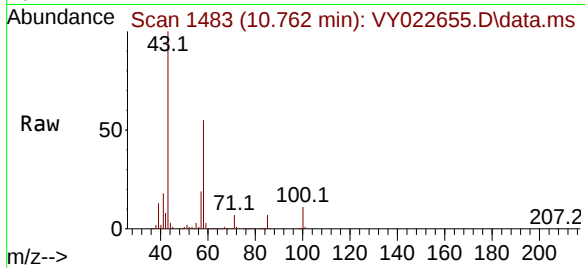




#59
2-Hexanone
Concen: 108.852 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

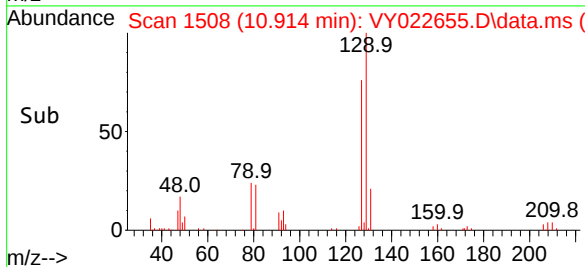
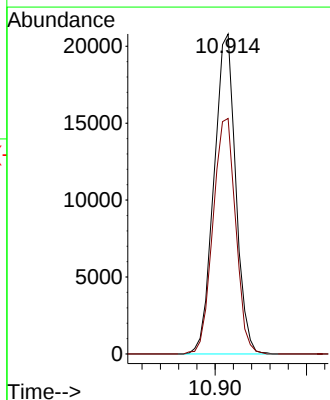
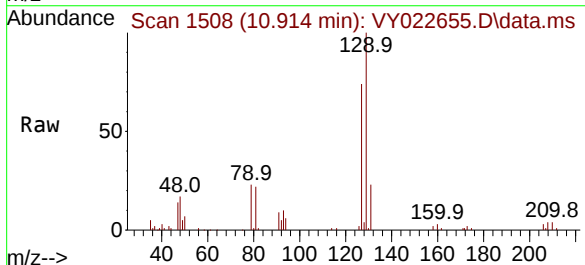
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

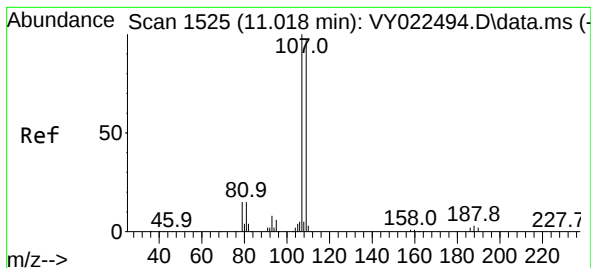
Tgt Ion: 43 Resp: 88514
Ion Ratio Lower Upper
43 100
58 54.0 27.3 81.8



#60
Dibromochloromethane
Concen: 21.352 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 129 Resp: 34405
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.142 ug/l

RT: 11.012 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

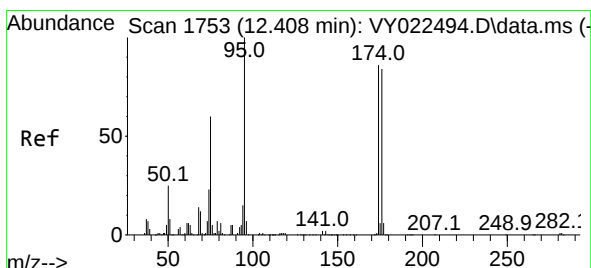
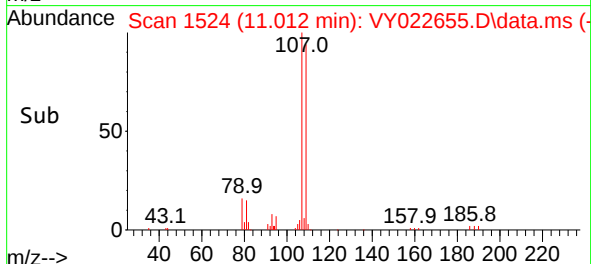
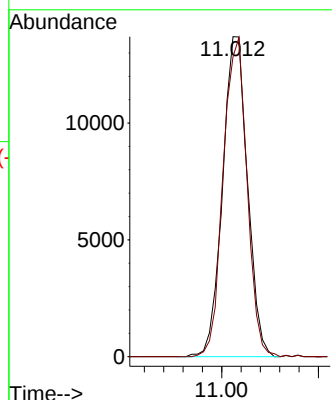
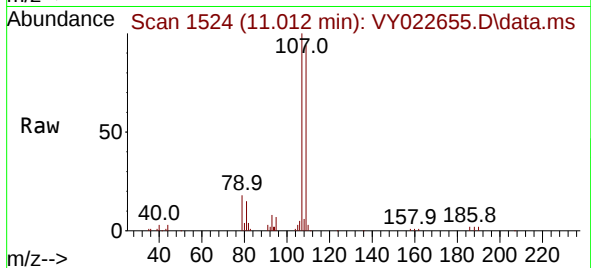
VY0611SBSD01

Tgt Ion:107 Resp: 24433

Ion Ratio Lower Upper

107 100

109 95.5 77.7 116.5



#62

4-Bromofluorobenzene

Concen: 48.779 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

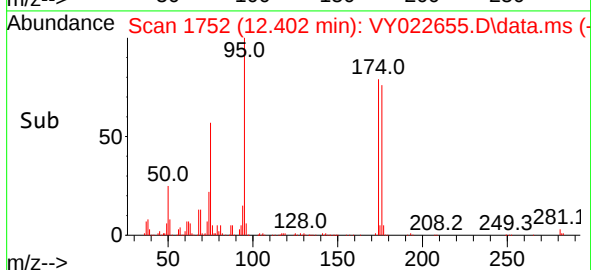
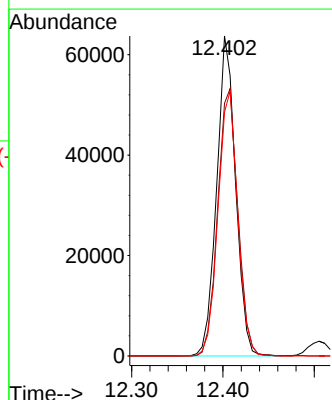
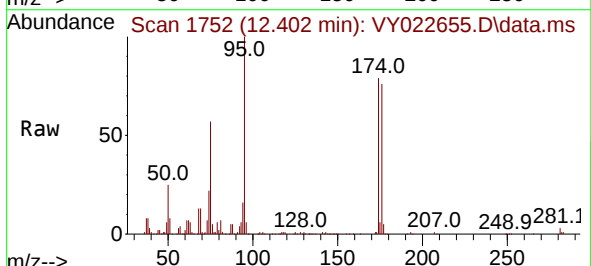
Tgt Ion: 95 Resp: 91618

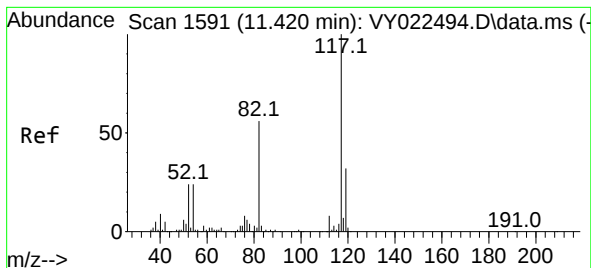
Ion Ratio Lower Upper

95 100

174 88.9 0.0 170.0

176 86.0 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

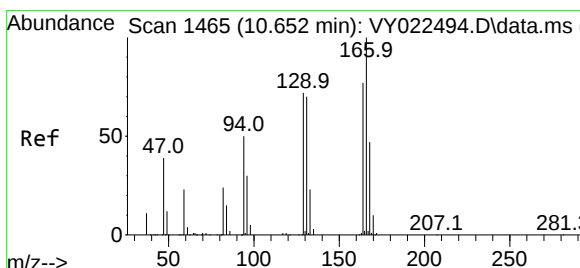
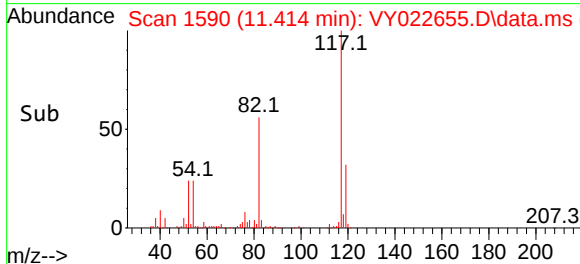
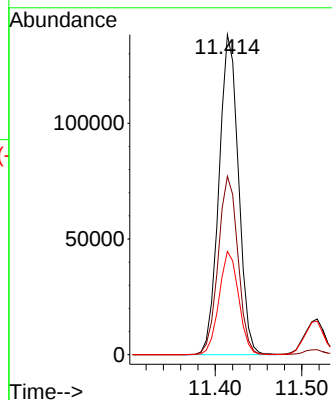
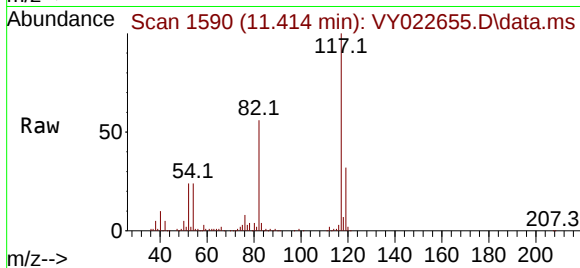
Tgt Ion:117 Resp: 216375

Ion Ratio Lower Upper

117 100

82 55.7 44.6 66.8

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 24.611 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Tgt Ion:164 Resp: 45809

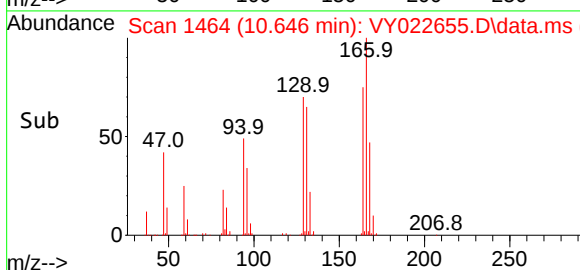
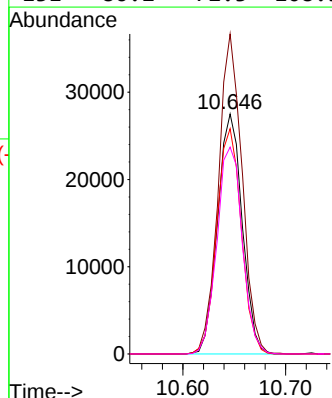
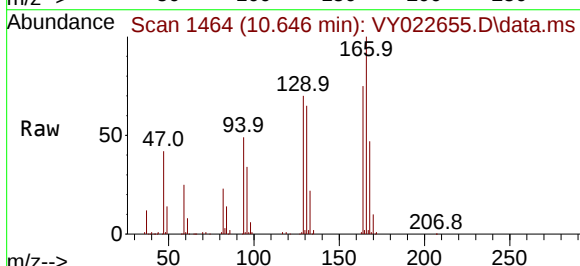
Ion Ratio Lower Upper

164 100

166 133.4 104.0 156.0

129 93.9 74.5 111.7

131 86.2 72.3 108.5

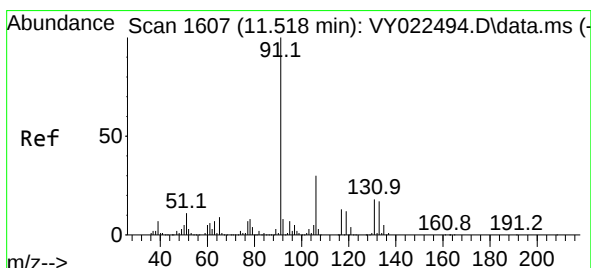
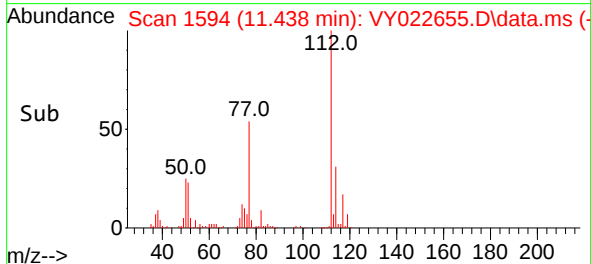
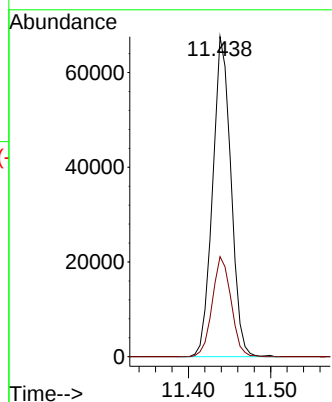
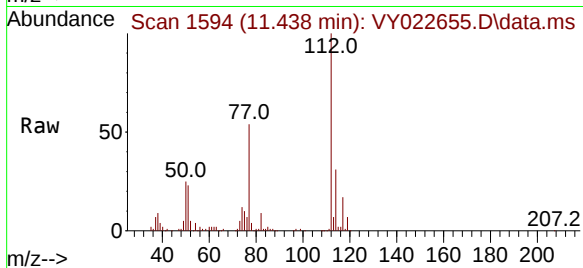




#65
Chlorobenzene
Concen: 21.864 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

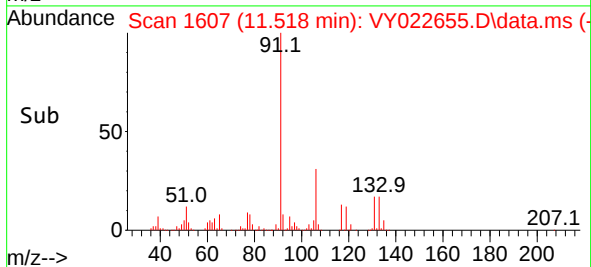
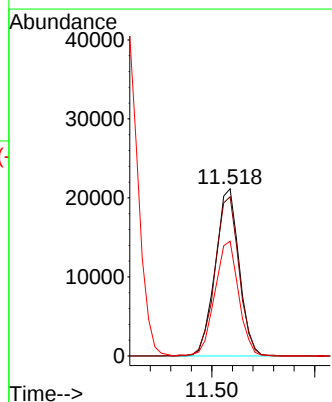
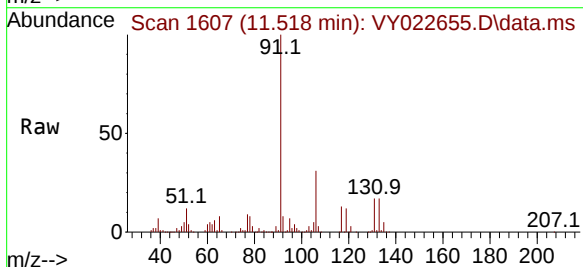
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

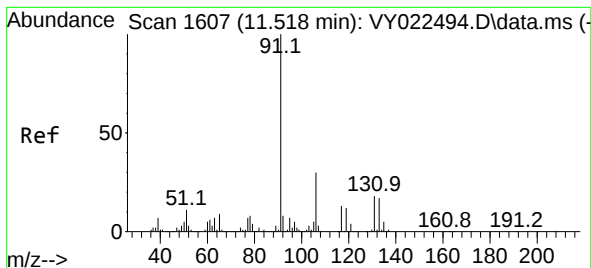
Tgt Ion:112 Resp: 104686
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.071 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:131 Resp: 33988
Ion Ratio Lower Upper
131 100
133 96.7 47.3 141.8
119 68.8 33.1 99.3





#67

Ethyl Benzene

Concen: 20.745 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

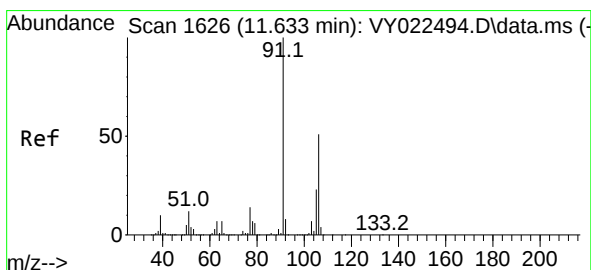
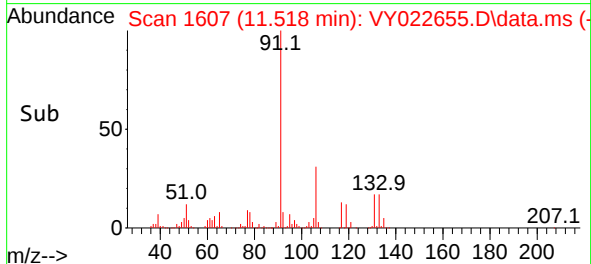
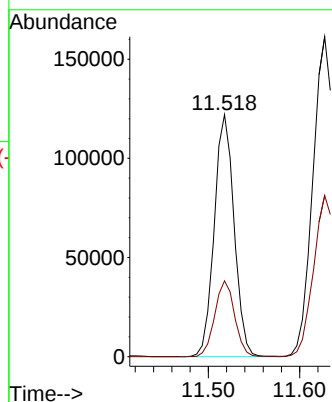
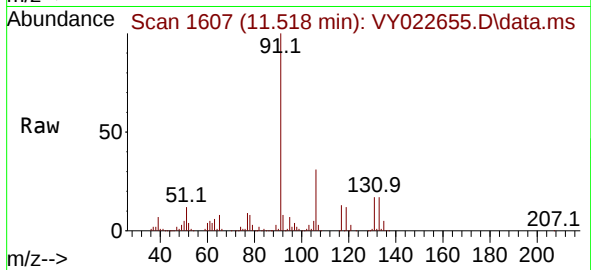
VY0611SBSD01

Tgt Ion: 91 Resp: 184235

Ion Ratio Lower Upper

91 100

106 31.3 24.2 36.4



#68

m/p-Xylenes

Concen: 41.839 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022655.D

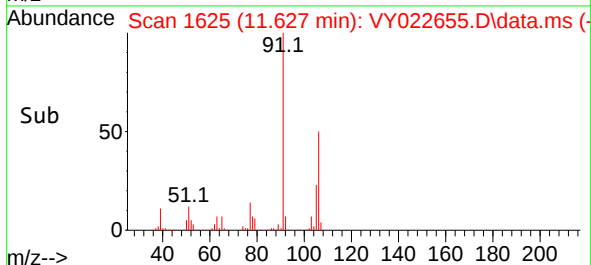
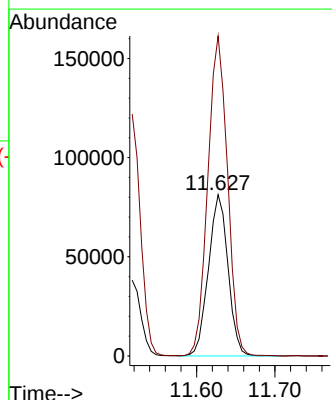
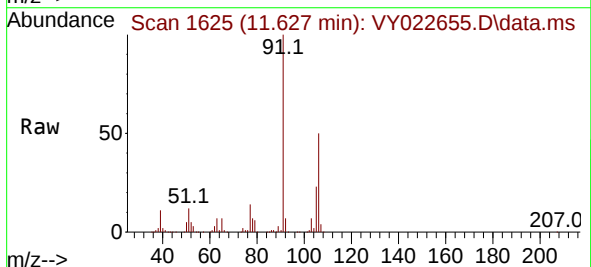
Acq: 11 Jun 2025 11:23

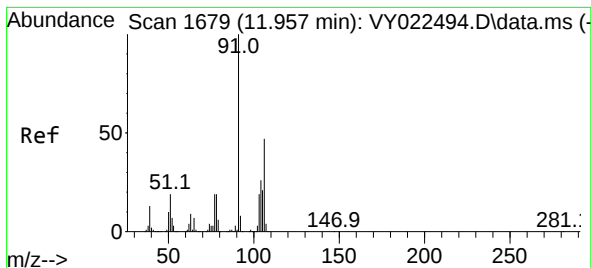
Tgt Ion:106 Resp: 140858

Ion Ratio Lower Upper

106 100

91 199.7 159.4 239.0

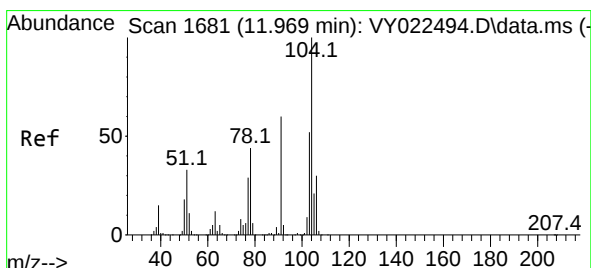
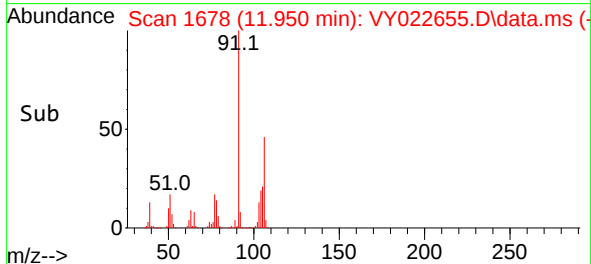
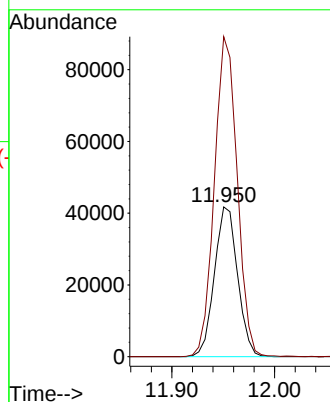
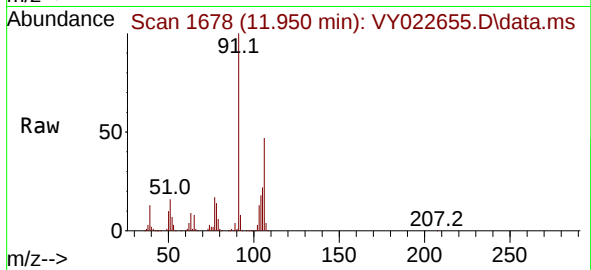




#69
o-Xylene
Concen: 20.690 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

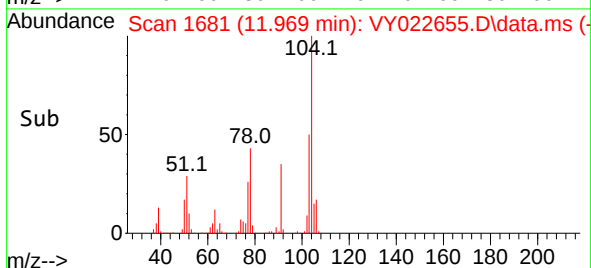
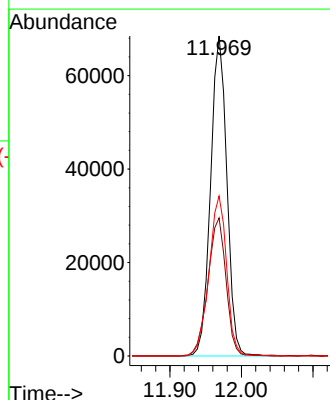
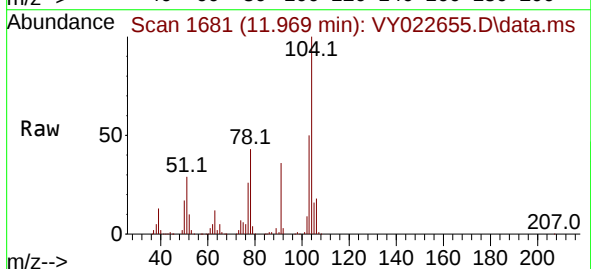
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:106 Resp: 65306
Ion Ratio Lower Upper
106 100
91 210.9 105.8 317.3



#70
Styrene
Concen: 20.781 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:104 Resp: 108428
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 54.2 44.1 66.1





#71

Bromoform

Concen: 20.322 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

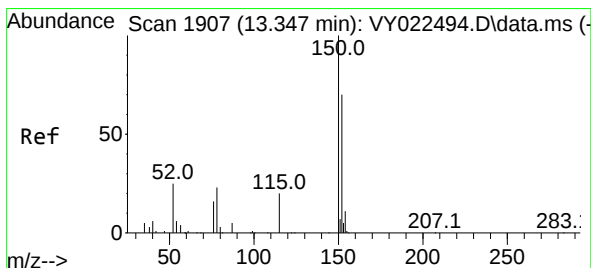
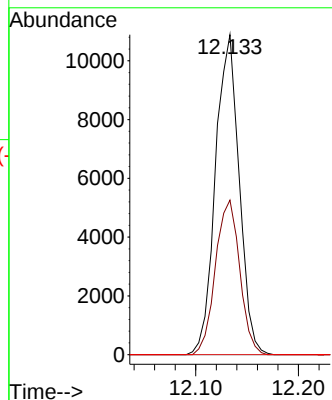
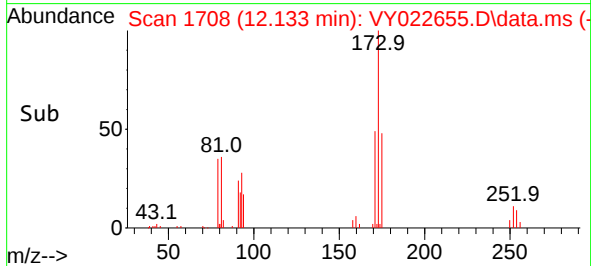
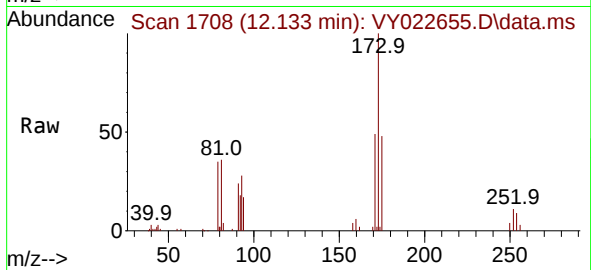
Tgt Ion:173 Resp: 17443

Ion Ratio Lower Upper

173 100

175 49.4 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

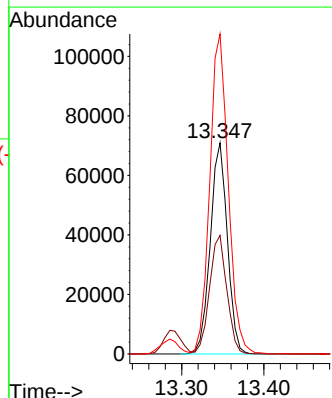
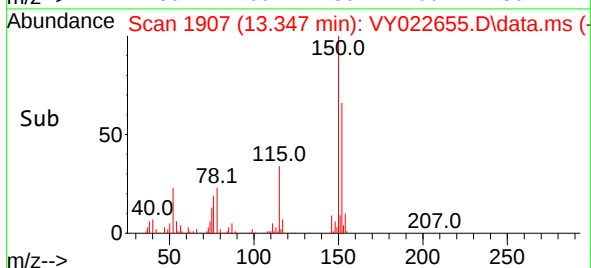
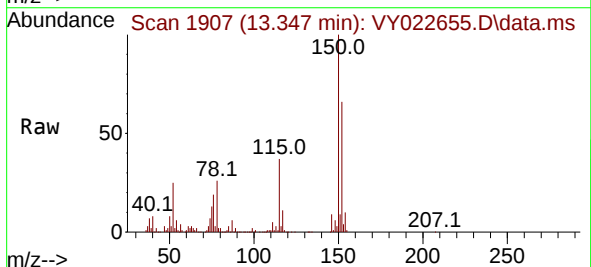
Tgt Ion:152 Resp: 102308

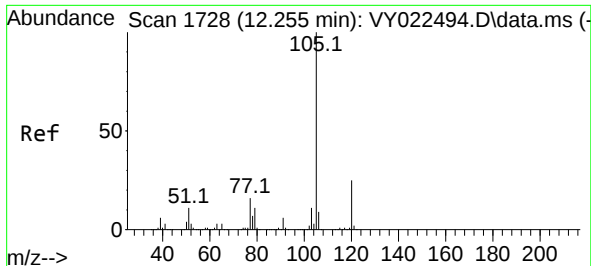
Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

150 163.6 0.0 349.6

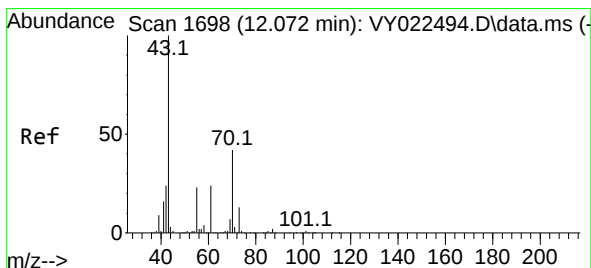
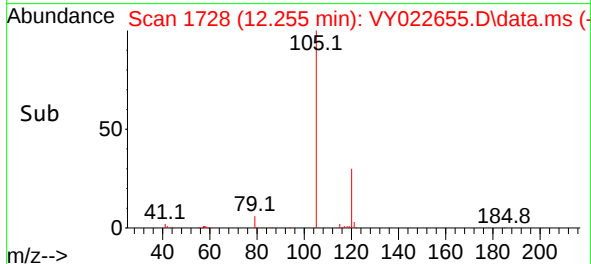
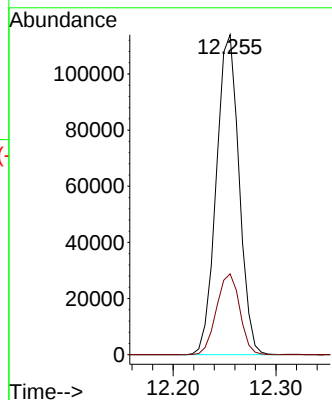
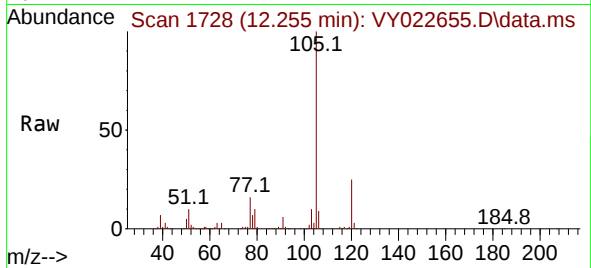




#73
Isopropylbenzene
Concen: 20.874 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

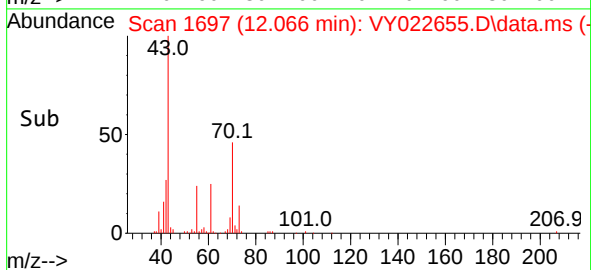
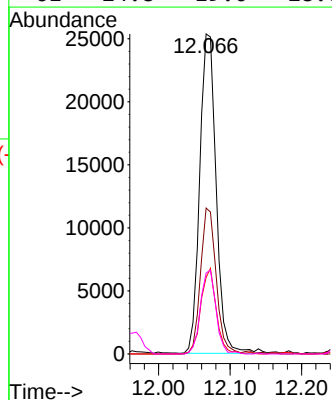
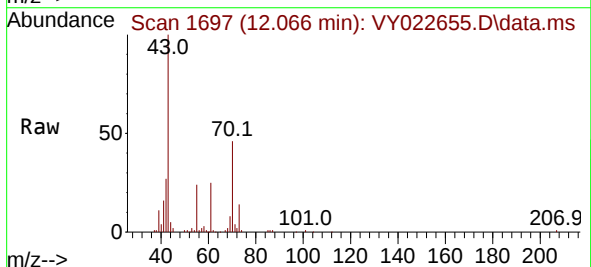
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

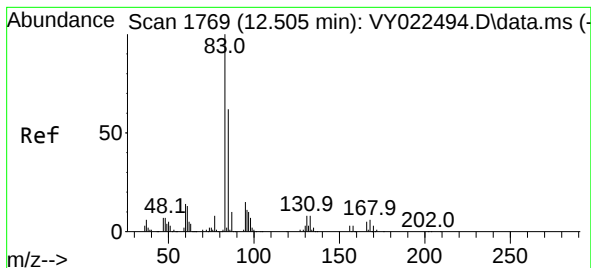
Tgt Ion:105 Resp: 175327
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 19.083 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 40443
Ion Ratio Lower Upper
43 100
70 43.3 34.2 51.2
55 25.2 18.2 27.4
61 24.8 19.0 28.6

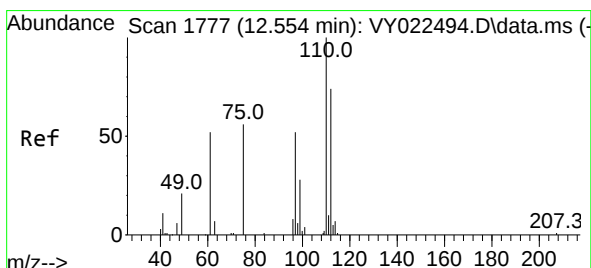
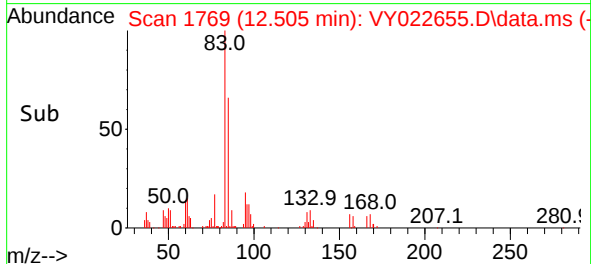
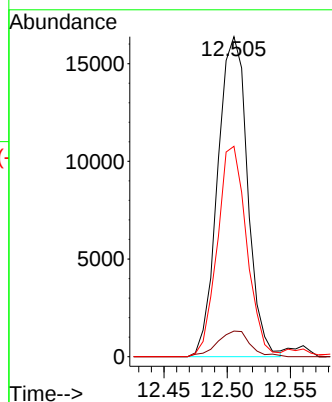
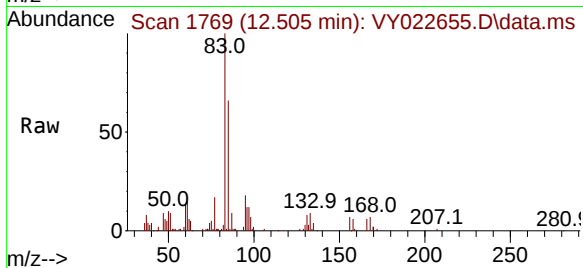




#75
1,1,2,2-Tetrachloroethane
Concen: 19.484 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

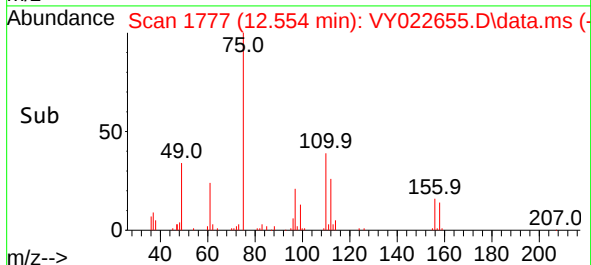
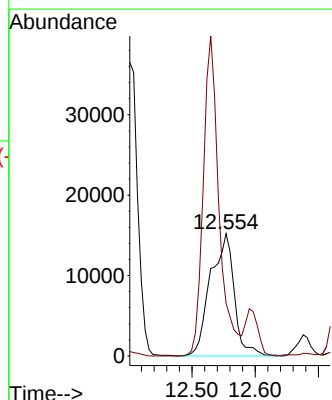
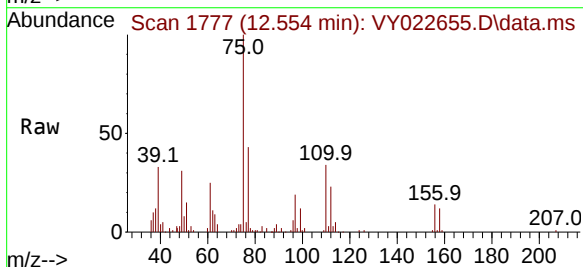
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

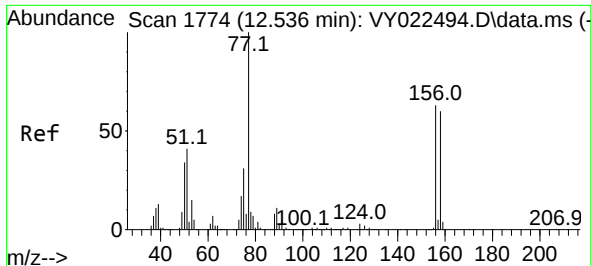
Tgt Ion: 83 Resp: 26860
Ion Ratio Lower Upper
83 100
131 8.8 4.9 14.7
85 64.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 33.933 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 39716
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

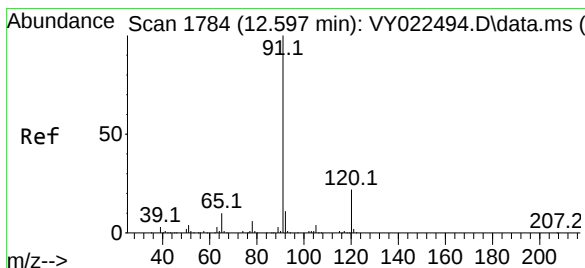
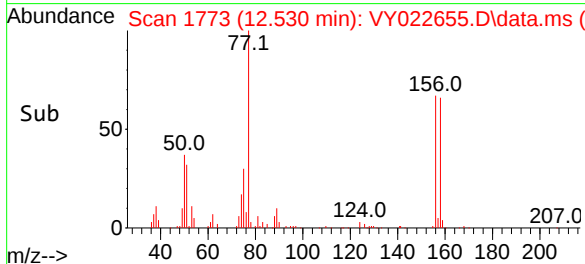
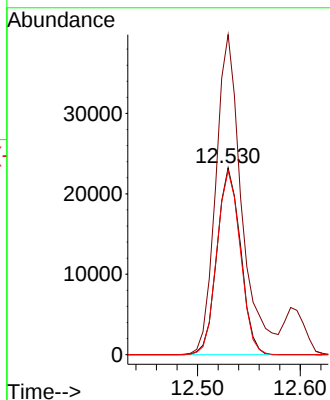
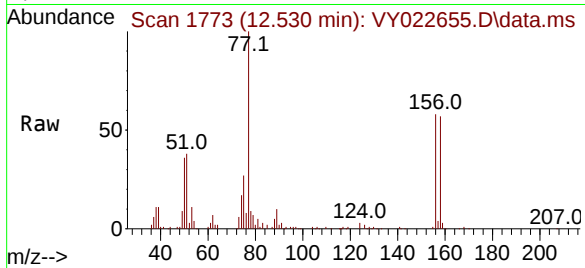




#77
Bromobenzene
Concen: 20.876 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

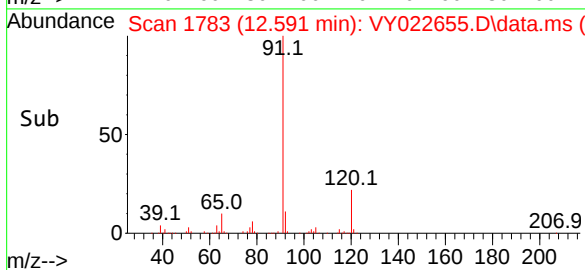
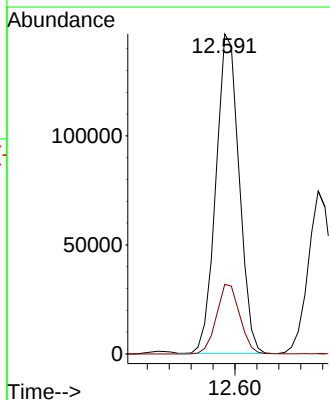
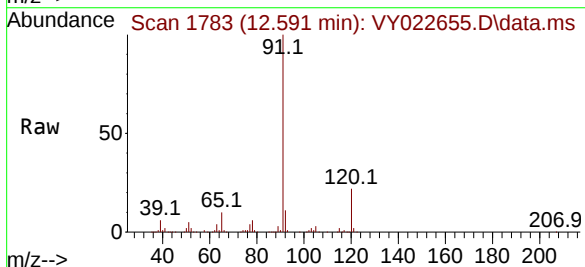
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

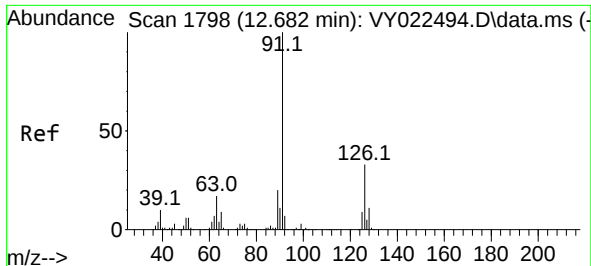
Tgt Ion:156 Resp: 37003
Ion Ratio Lower Upper
156 100
77 188.5 94.0 282.1
158 98.3 48.2 144.6



#78
n-propylbenzene
Concen: 21.023 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 215673
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4

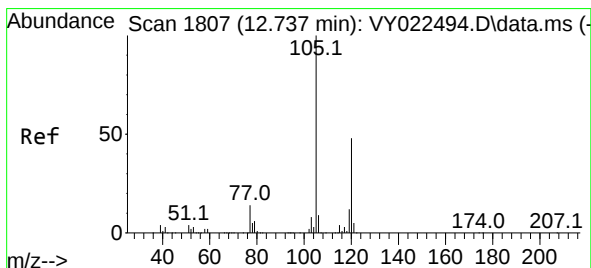
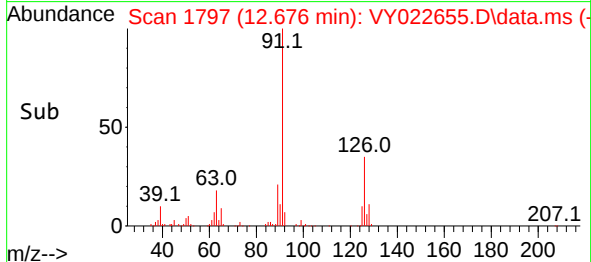
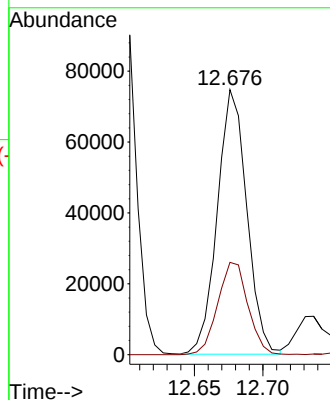
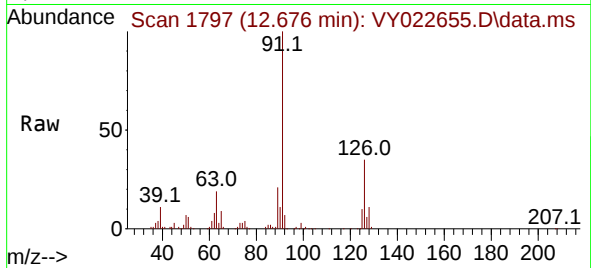




#79
2-Chlorotoluene
Concen: 20.568 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

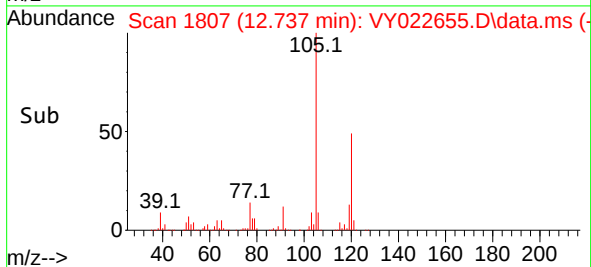
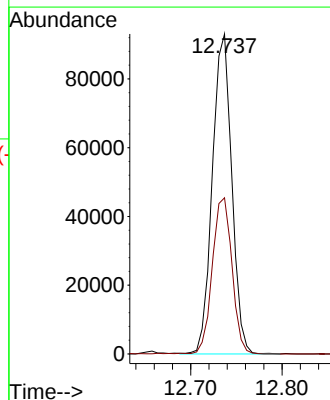
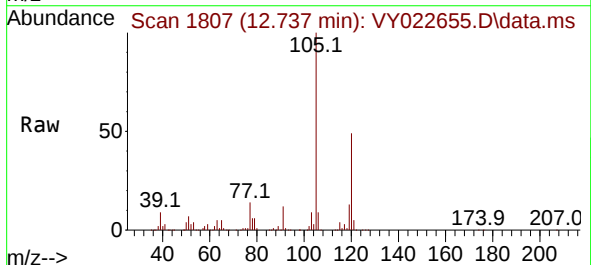
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

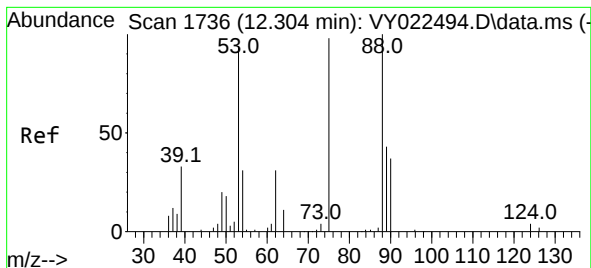
Tgt Ion: 91 Resp: 111836
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.769 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:105 Resp: 136959
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.4

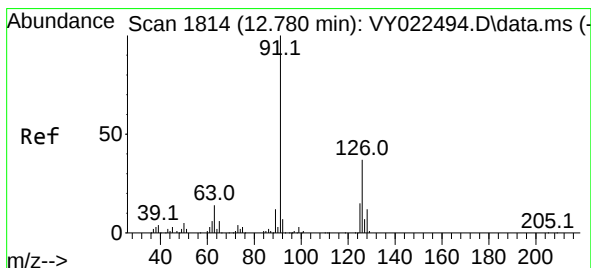
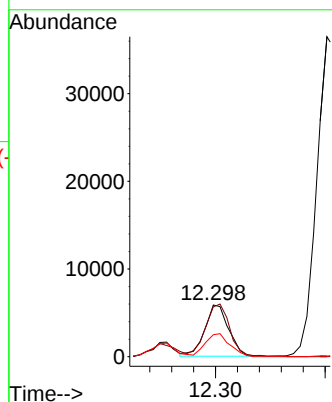
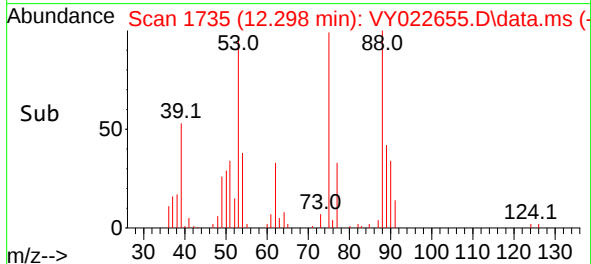
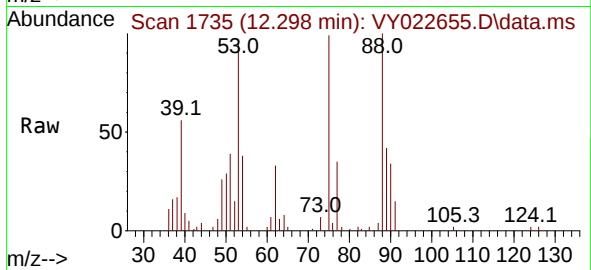




#81
trans-1,4-Dichloro-2-butene
Concen: 18.231 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

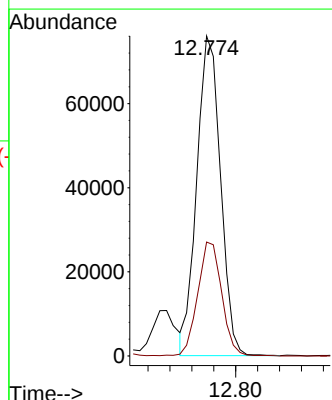
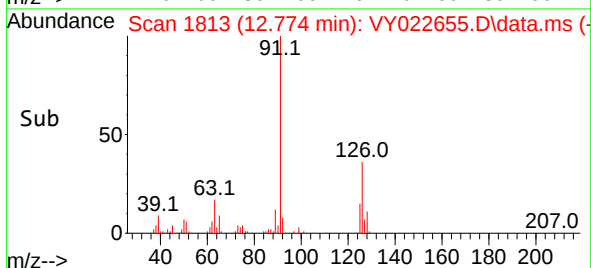
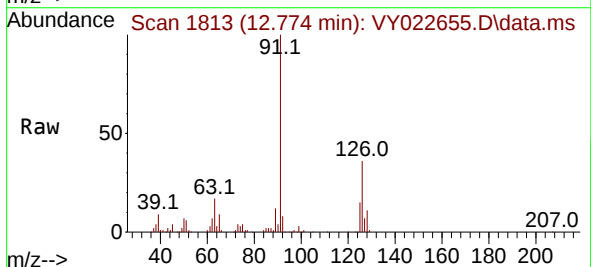
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

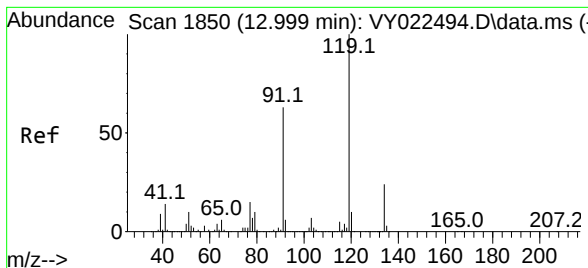
Tgt Ion: 75 Resp: 8836
Ion Ratio Lower Upper
75 100
53 105.8 78.5 117.7
89 45.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.380 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 114316
Ion Ratio Lower Upper
91 100
126 36.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.705 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

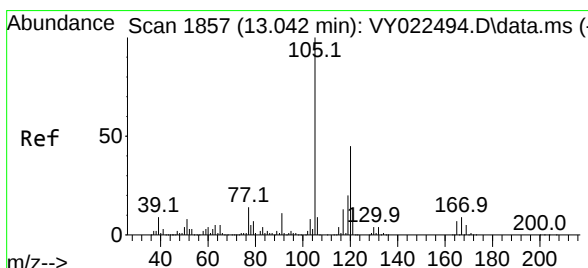
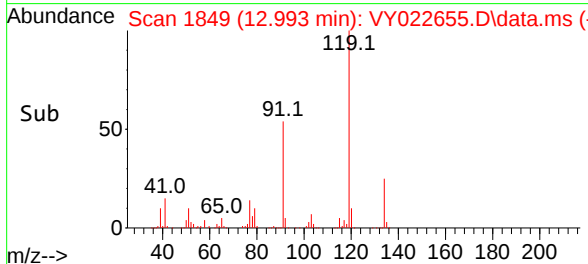
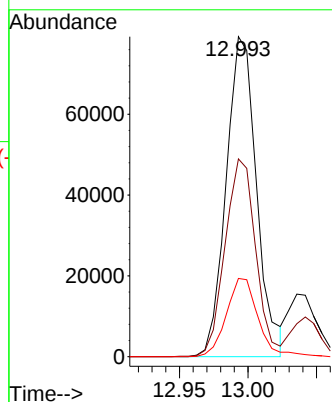
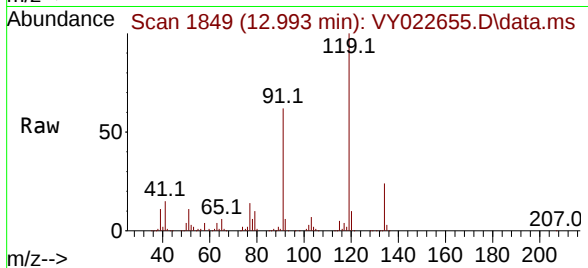
Tgt Ion:119 Resp: 122545

Ion Ratio Lower Upper

119 100

91 62.2 32.1 96.3

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.590 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022655.D

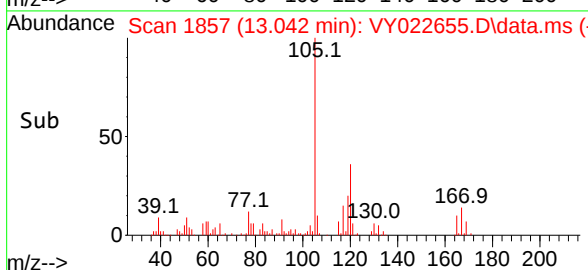
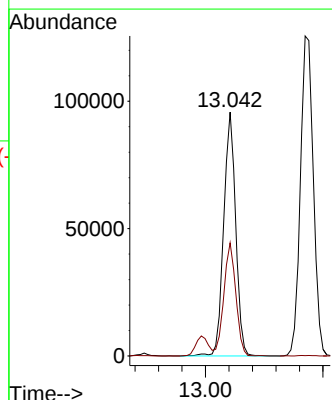
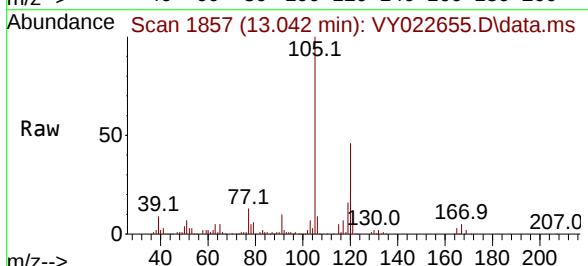
Acq: 11 Jun 2025 11:23

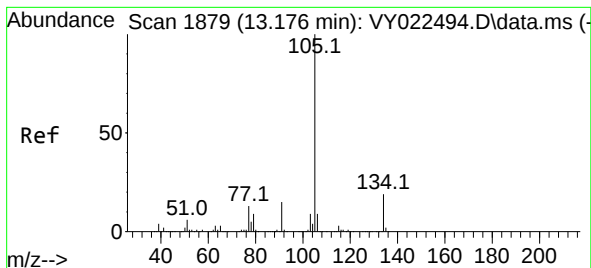
Tgt Ion:105 Resp: 135799

Ion Ratio Lower Upper

105 100

120 46.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.130 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

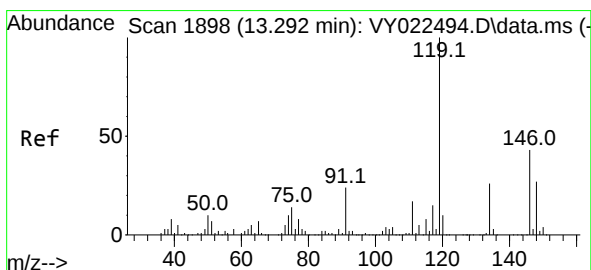
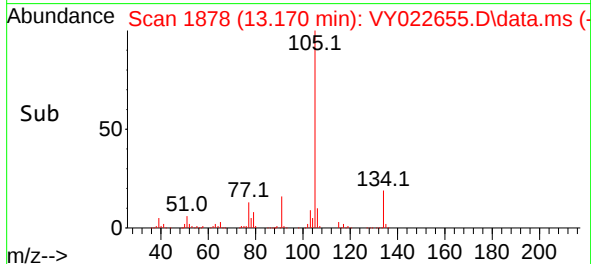
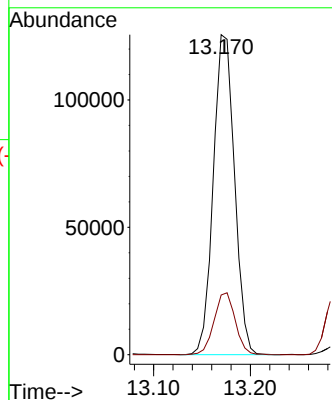
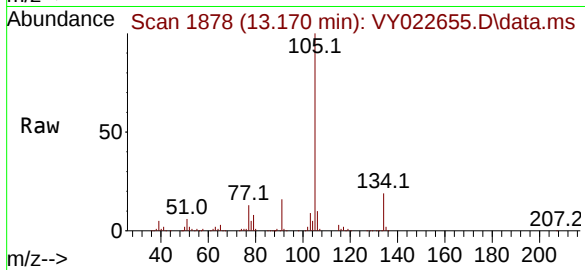
VY0611SBSD01

Tgt Ion:105 Resp: 191535

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.765 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

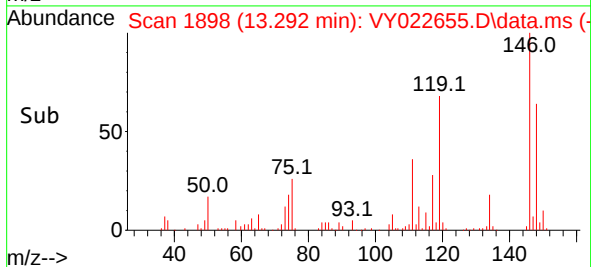
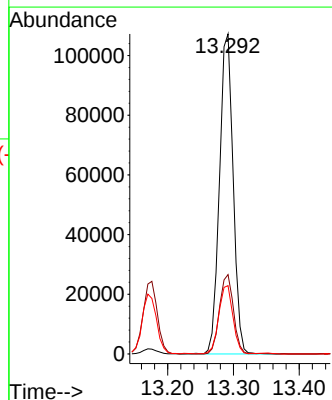
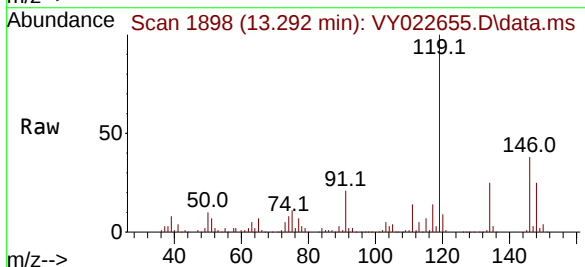
Tgt Ion:119 Resp: 155151

Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.1

91 22.0 11.6 34.8

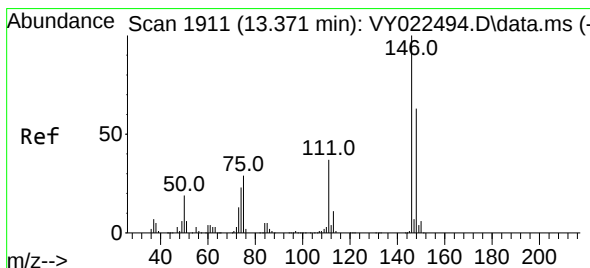
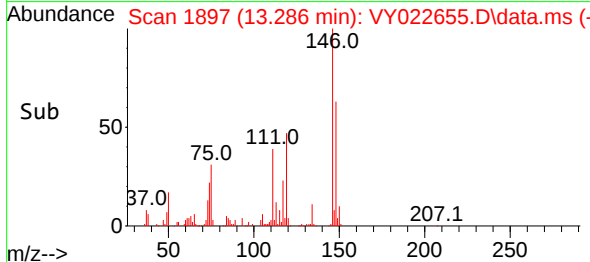
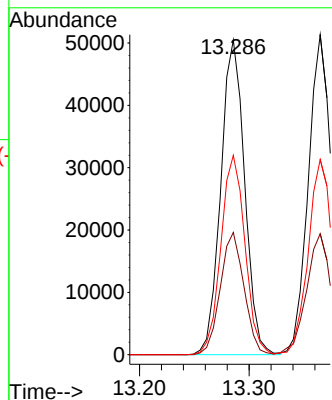
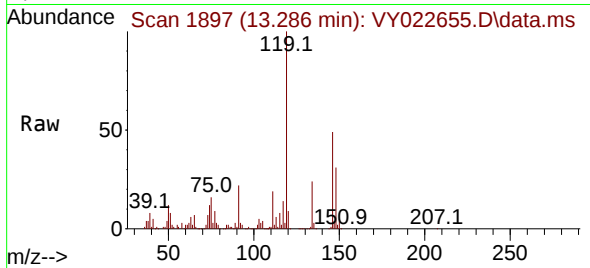




#87
1,3-Dichlorobenzene
Concen: 21.265 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

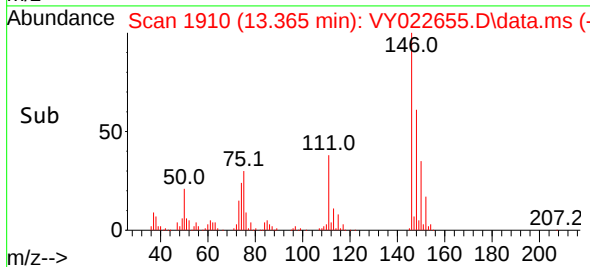
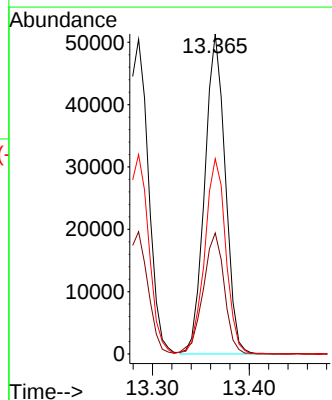
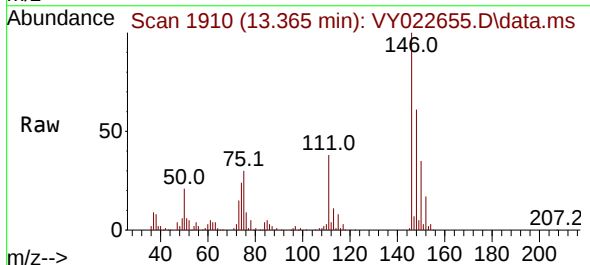
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

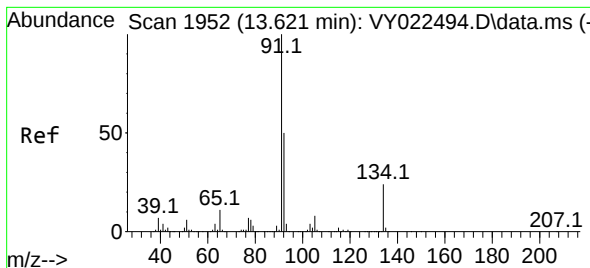
Tgt Ion:146 Resp: 76368
Ion Ratio Lower Upper
146 100
111 38.6 20.1 60.2
148 63.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 21.792 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:146 Resp: 75907
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 21.011 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

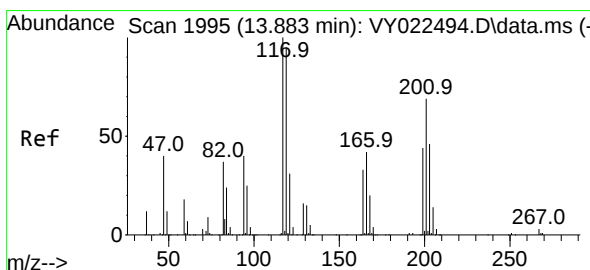
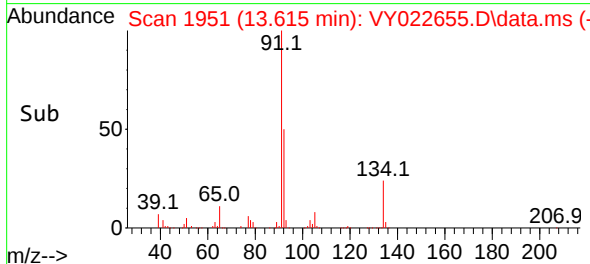
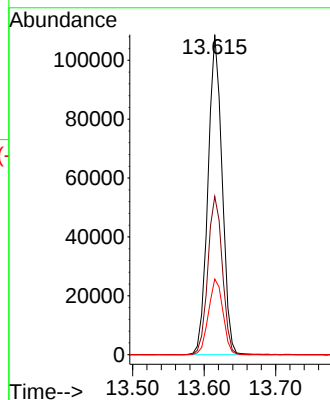
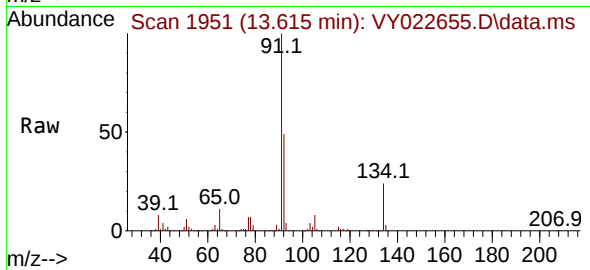
Tgt Ion: 91 Resp: 148942

Ion Ratio Lower Upper

91 100

92 50.8 25.9 77.8

134 24.2 12.0 36.1



#90

Hexachloroethane

Concen: 21.563 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022655.D

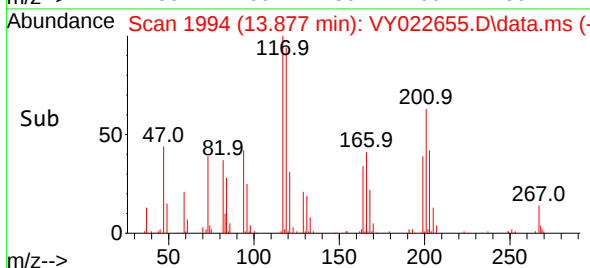
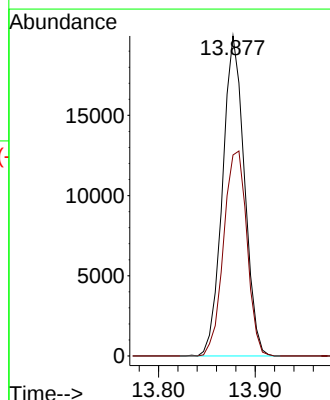
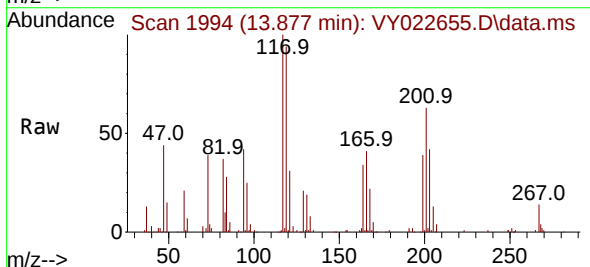
Acq: 11 Jun 2025 11:23

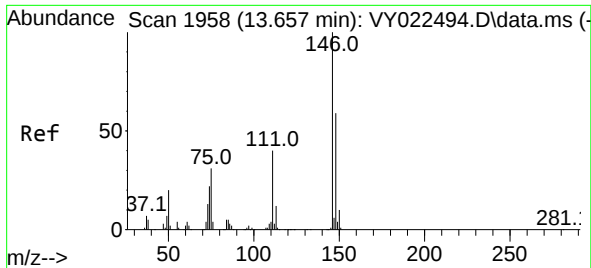
Tgt Ion: 117 Resp: 31366

Ion Ratio Lower Upper

117 100

201 68.1 34.0 102.0

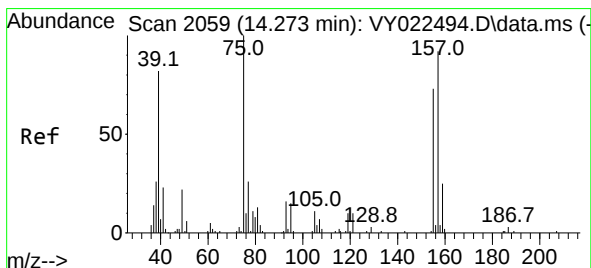
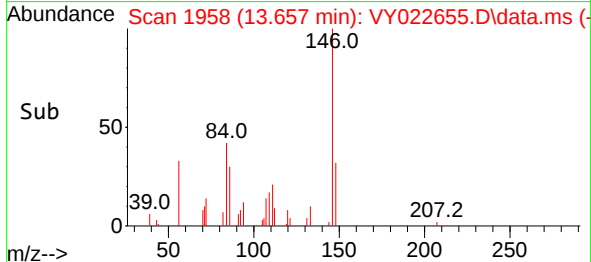
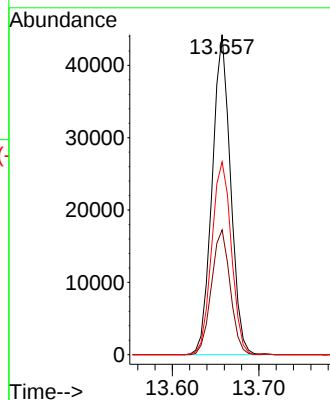
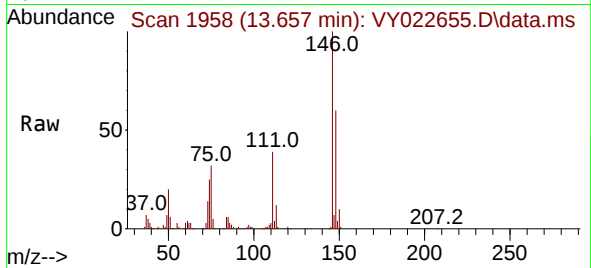




#91
1,2-Dichlorobenzene
Concen: 21.421 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

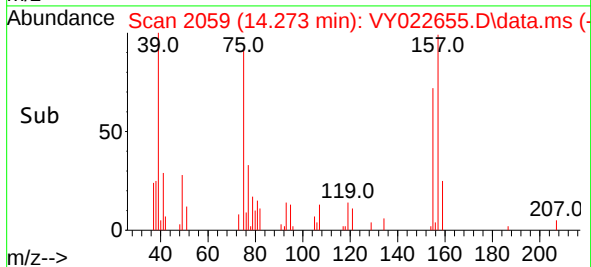
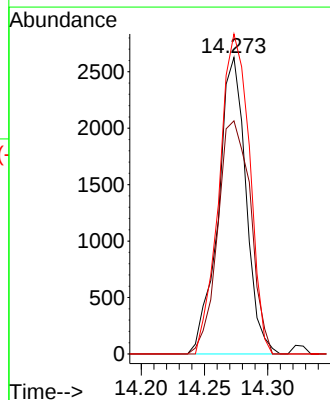
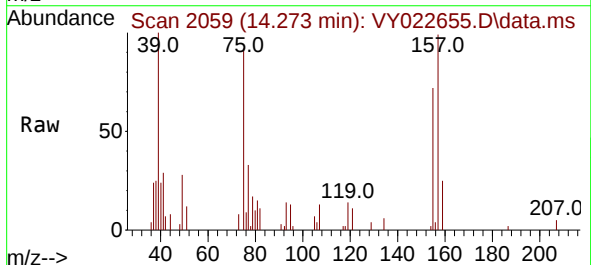
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

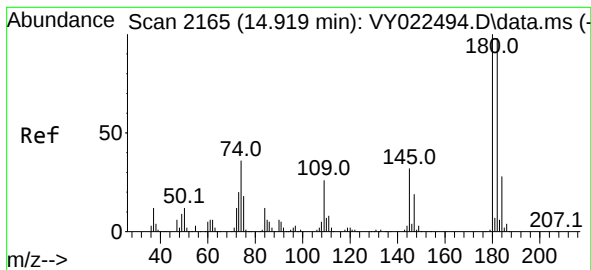
Tgt Ion:146 Resp: 65316
Ion Ratio Lower Upper
146 100
111 39.7 20.2 60.6
148 64.4 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.929 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 4000
Ion Ratio Lower Upper
75 100
155 92.6 39.9 119.6
157 117.7 54.0 162.0

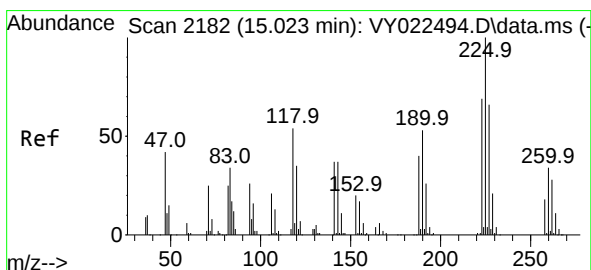
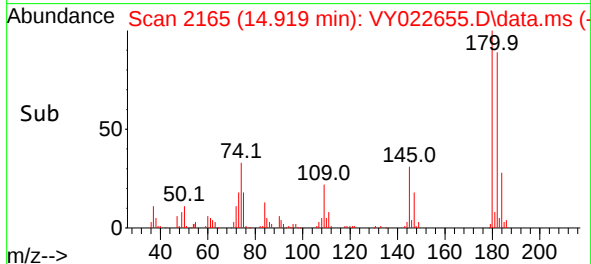
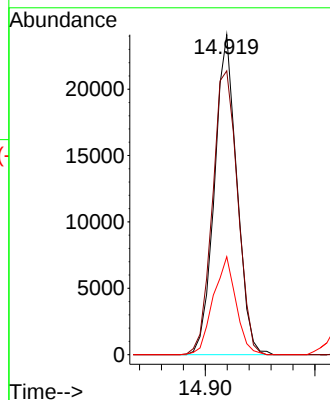
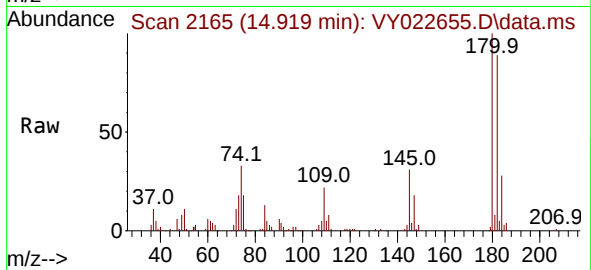




#93
 1,2,4-Trichlorobenzene
 Concen: 20.582 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY022655.D
 Acq: 11 Jun 2025 11:23

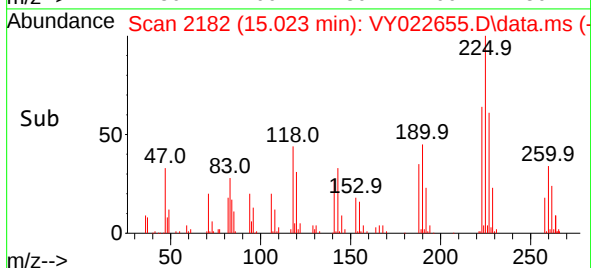
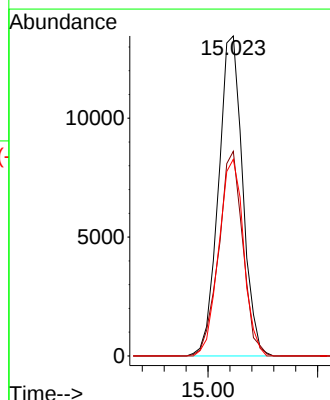
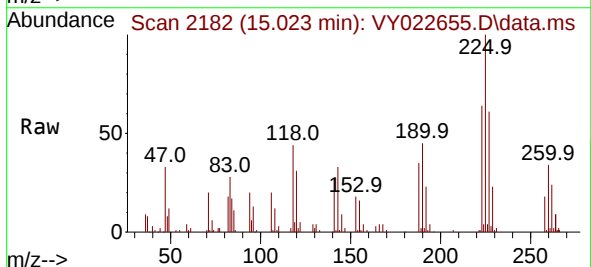
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBSD01

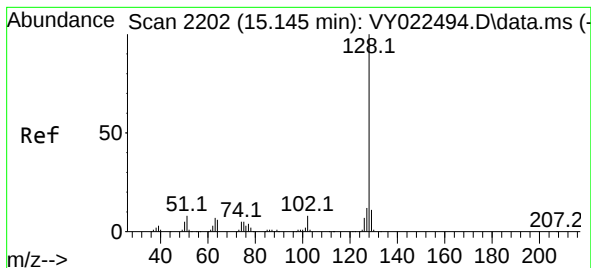
Tgt Ion:180 Resp: 34227
 Ion Ratio Lower Upper
 180 100
 182 99.6 48.4 145.3
 145 31.2 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 22.411 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY022655.D
 Acq: 11 Jun 2025 11:23

Tgt Ion:225 Resp: 20570
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.5 97.4
 227 63.2 32.3 96.9





#95

Naphthalene

Concen: 20.574 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

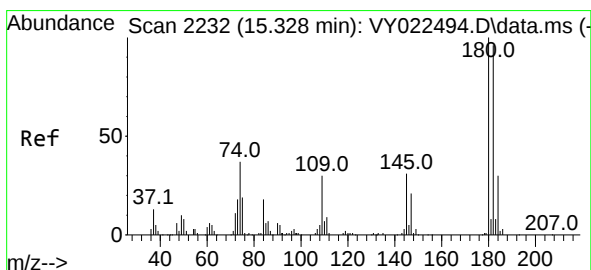
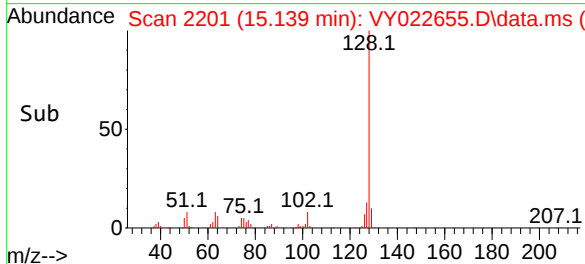
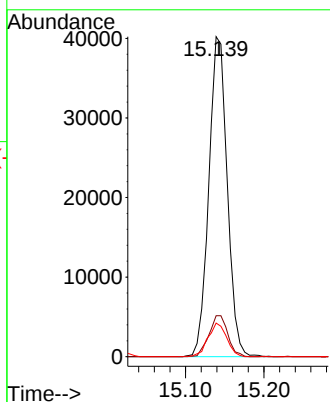
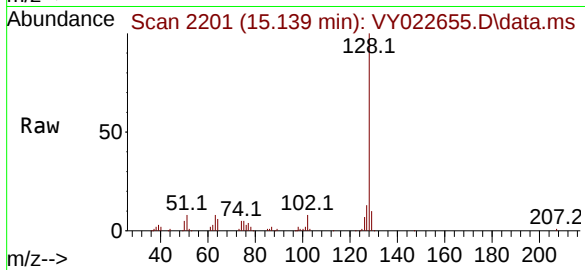
Tgt Ion:128 Resp: 65657

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.612 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022655.D

Acq: 11 Jun 2025 11:23

Tgt Ion:180 Resp: 29376

Ion Ratio Lower Upper

180 100

182 93.0 47.1 141.3

145 31.8 15.2 45.6

