

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061025\
 Data File : VY022640.D
 Acq On : 10 Jun 2025 10:56
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Quant Time: Jun 11 01:47:15 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	7.713	168	159654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	276426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	235815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92665	51.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.640	113	86410	52.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.109	98	348107	52.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.407	95	97801	49.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31259	21.869	ug/l	95
3) Chloromethane	2.068	50	82963	19.647	ug/l	99
4) Vinyl Chloride	2.208	62	111423	22.745	ug/l	99
5) Bromomethane	2.592	94	105687	22.509	ug/l	99
6) Chloroethane	2.732	64	81489	24.236	ug/l	95
7) Trichlorofluoromethane	3.049	101	98925	23.788	ug/l	97
8) Diethyl Ether	3.458	74	18958	20.242	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.817	101	37702	21.525	ug/l	98
10) Methyl Iodide	4.007	142	34451	18.176	ug/l	98
11) Tert butyl alcohol	4.860	59	5024	39.393	ug/l #	74
12) 1,1-Dichloroethene	3.787	96	36252	21.653	ug/l	96
13) Acrolein	3.659	56	13011	81.860	ug/l	92
14) Allyl chloride	4.391	41	53270	20.268	ug/l	97
15) Acrylonitrile	5.061	53	38486	97.029	ug/l	97
16) Acetone	3.872	43	40860	112.674	ug/l	98
17) Carbon Disulfide	4.110	76	109884	20.500	ug/l	97
18) Methyl Acetate	4.391	43	21075	19.625	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	95544	20.261	ug/l	99
20) Methylene Chloride	4.616	84	40580	19.700	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	39640	21.155	ug/l	100
22) Diisopropyl ether	6.018	45	122094	20.869	ug/l	94
23) Vinyl Acetate	5.963	43	339402	98.017	ug/l	99
24) 1,1-Dichloroethane	5.915	63	74417	21.592	ug/l	98
25) 2-Butanone	6.896	43	55102	105.341	ug/l	100
26) 2,2-Dichloropropane	6.890	77	65585	21.537	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	46564	21.499	ug/l	98
28) Bromochloromethane	7.244	49	31486	20.957	ug/l	99
29) Tetrahydrofuran	7.268	42	31504	93.380	ug/l	98
30) Chloroform	7.421	83	76072	22.284	ug/l	89
31) Cyclohexane	7.707	56	66336	19.333	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	66165	21.833	ug/l	99
36) 1,1-Dichloropropene	7.835	75	54432	20.327	ug/l	100
37) Ethyl Acetate	6.988	43	22899	19.175	ug/l	98
38) Carbon Tetrachloride	7.817	117	55944	20.365	ug/l	94
39) Methylcyclohexane	9.109	83	69318	19.262	ug/l	96
40) Benzene	8.079	78	167280	21.150	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13876	19.893	ug/l #	91
42) 1,2-Dichloroethane	8.164	62	44816	20.752	ug/l	98
43) Isopropyl Acetate	8.201	43	47971	18.600	ug/l #	86
44) Trichloroethene	8.865	130	40292	20.844	ug/l	99
45) 1,2-Dichloropropane	9.140	63	40215	21.514	ug/l	99
46) Dibromomethane	9.237	93	22390	21.291	ug/l	96
47) Bromodichloromethane	9.426	83	56123	21.048	ug/l	99
48) Methyl methacrylate	9.225	41	22929	18.943	ug/l	98
49) 1,4-Dioxane	9.231	88	4231	339.613	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	119716	93.102	ug/l	99
52) Toluene	10.170	92	101960	20.513	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	48427	19.383	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	58179	20.005	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	27580	20.568	ug/l	97
56) Ethyl methacrylate	10.438	69	35194	18.159	ug/l	97
57) 1,3-Dichloropropane	10.719	76	49760	20.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	85318	96.960	ug/l	98
59) 2-Hexanone	10.761	43	79279	92.188	ug/l	99
60) Dibromochloromethane	10.914	129	34698	20.362	ug/l	98
61) 1,2-Dibromoethane	11.017	107	24597	20.126	ug/l	95
64) Tetrachloroethene	10.646	164	43465	21.427	ug/l	95
65) Chlorobenzene	11.444	112	106690	20.445	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	34627	19.698	ug/l	96
67) Ethyl Benzene	11.517	91	192376	19.876	ug/l	100
68) m/p-Xylenes	11.627	106	145656	39.698	ug/l	99
69) o-Xylene	11.956	106	65712	19.102	ug/l	95
70) Styrene	11.968	104	110213	19.382	ug/l	99
71) Bromoform	12.133	173	17693	18.914	ug/l #	98
73) Isopropylbenzene	12.255	105	175103	19.438	ug/l	100
74) N-amyl acetate	12.072	43	38808	17.073	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	27341	18.492	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	39653	31.589	ug/l #	100
77) Bromobenzene	12.535	156	37287	19.614	ug/l	99
78) n-propylbenzene	12.596	91	217303	19.750	ug/l	100
79) 2-Chlorotoluene	12.682	91	115909	19.876	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	140110	19.811	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	8735	16.804	ug/l	97
82) 4-Chlorotoluene	12.779	91	117763	19.576	ug/l	99
83) tert-Butylbenzene	12.999	119	122978	19.374	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	137535	19.443	ug/l	99
85) sec-Butylbenzene	13.176	105	192035	19.753	ug/l	100
86) p-Isopropyltoluene	13.291	119	152960	19.088	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	75188	19.521	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	74781	20.018	ug/l	100
89) n-Butylbenzene	13.621	91	150124	19.746	ug/l	99
90) Hexachloroethane	13.883	117	30499	19.550	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	64919	19.852	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4325	20.092	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	33355	18.702	ug/l	98
94) Hexachlorobutadiene	15.023	225	19765	20.079	ug/l	96
95) Naphthalene	15.145	128	60375	17.640	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	28334	18.537	ug/l	97

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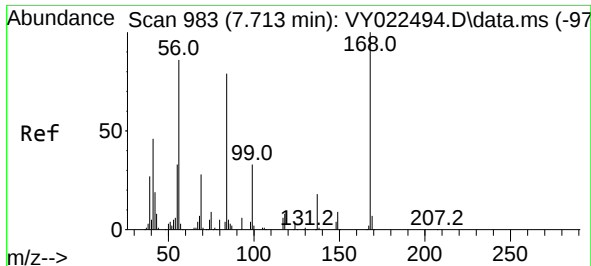
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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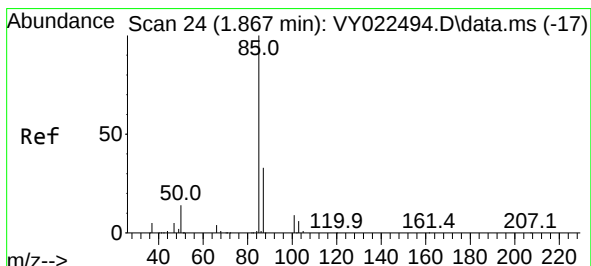
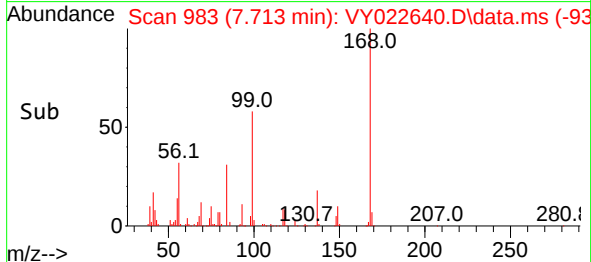
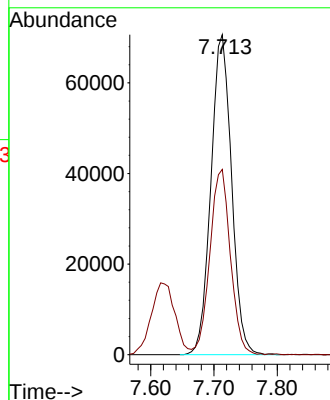
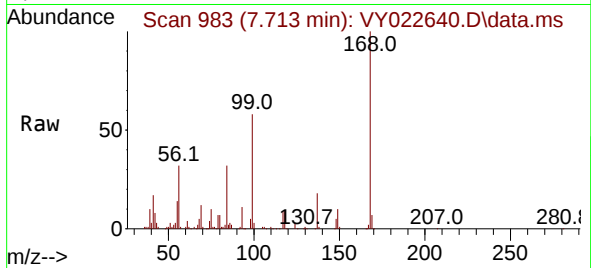




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022640.D
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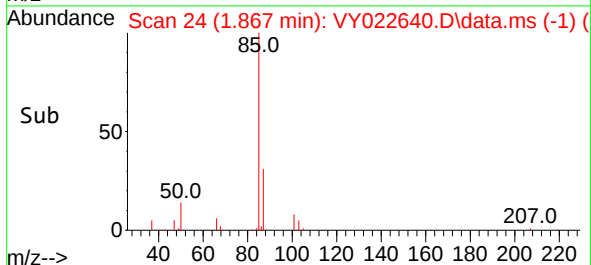
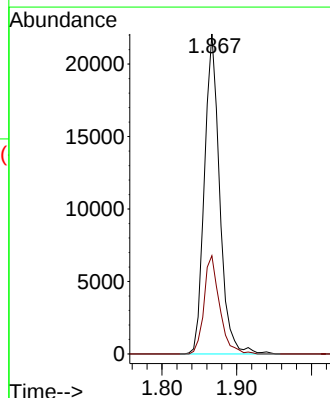
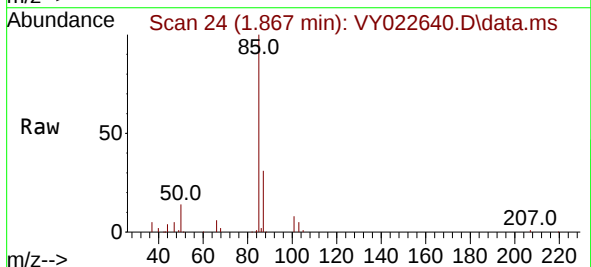
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion:168 Resp: 159654
Ion Ratio Lower Upper
168 100
99 57.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.869 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 85 Resp: 31259
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.0

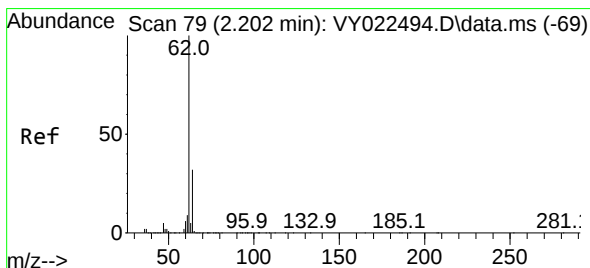
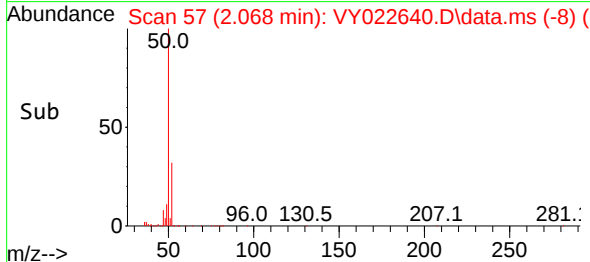
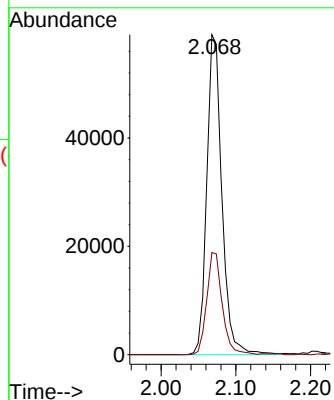
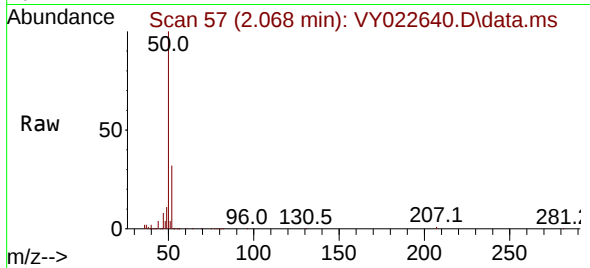




#3
Chloromethane
Concen: 19.647 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

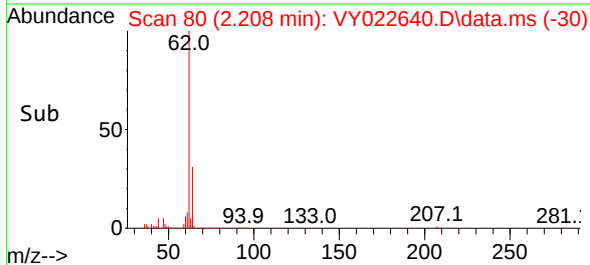
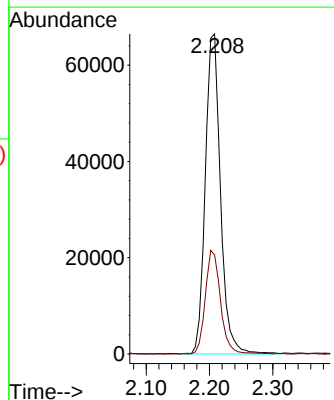
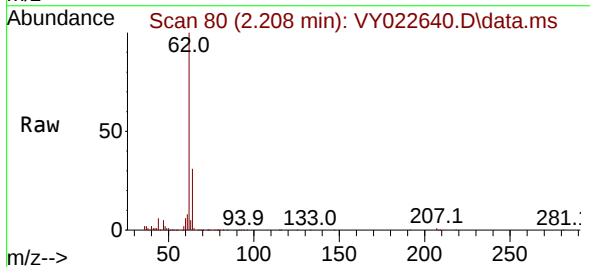
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ClientSampleId :
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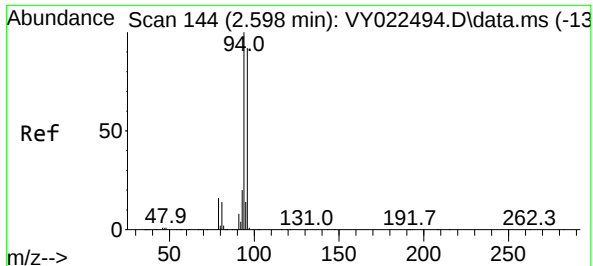
Tgt Ion: 50 Resp: 82963
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 22.745 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 62 Resp: 111423
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9

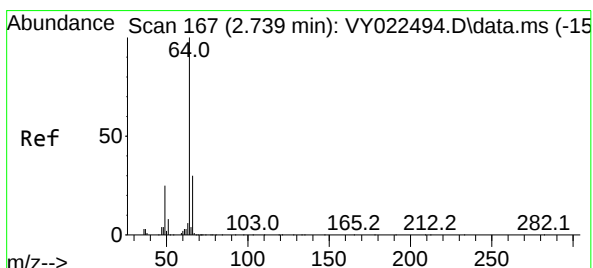
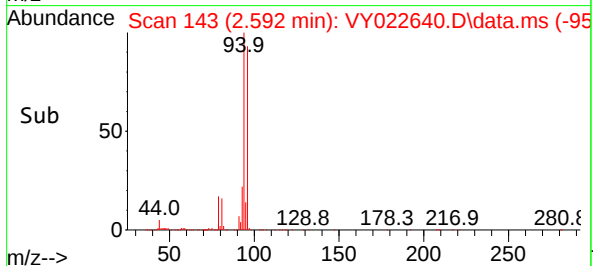
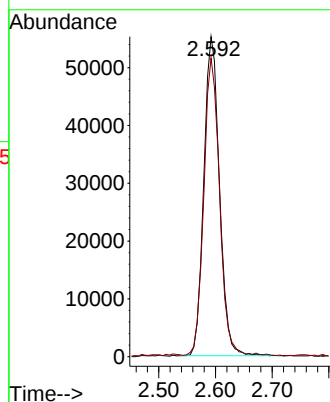
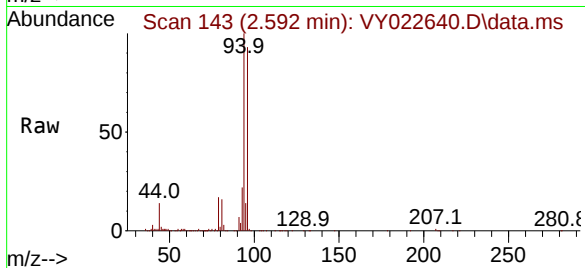




#5
Bromomethane
Concen: 22.509 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

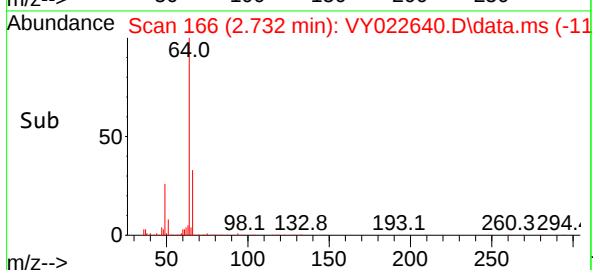
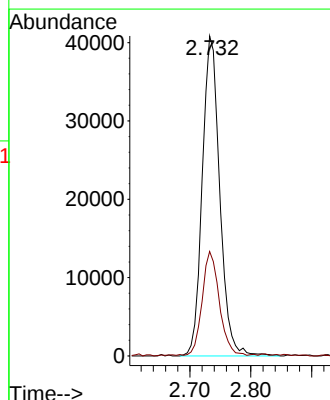
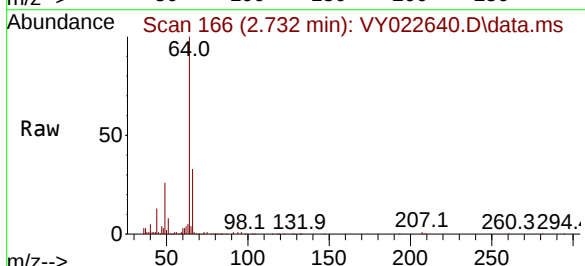
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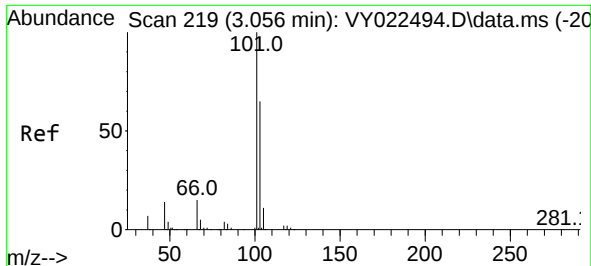
Tgt Ion: 94 Resp: 105687
Ion Ratio Lower Upper
94 100
96 93.1 74.0 111.0



#6
Chloroethane
Concen: 24.236 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 64 Resp: 81489
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.6

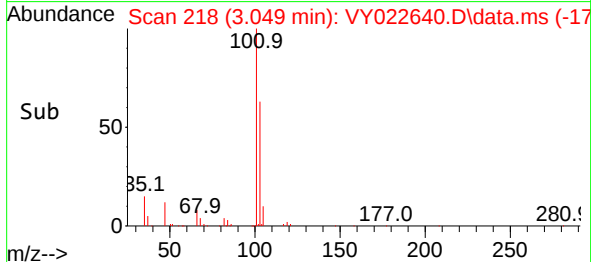
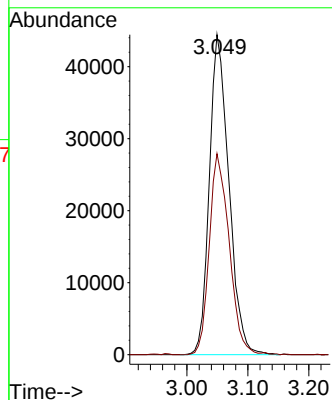
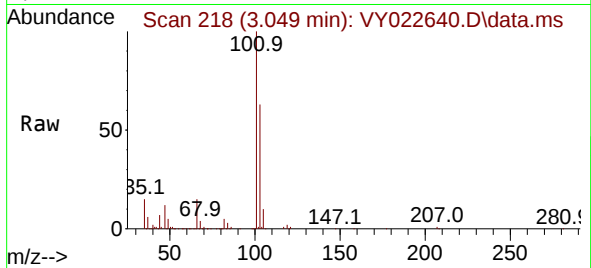




#7
 Trichlorofluoromethane
 Concen: 23.788 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
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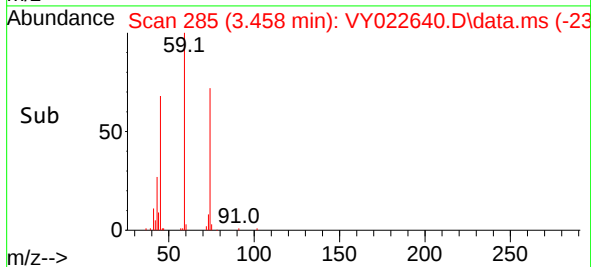
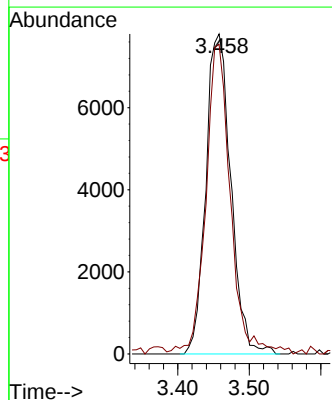
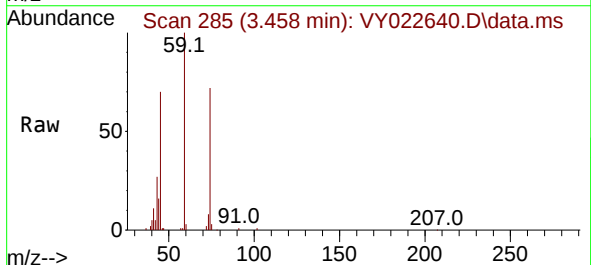
Instrument :
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 VY0610SBS01

Tgt Ion:101 Resp: 98925
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.242 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY022640.D
 Acq: 10 Jun 2025 10:56

Tgt Ion: 74 Resp: 18958
 Ion Ratio Lower Upper
 74 100
 45 93.8 45.9 137.6

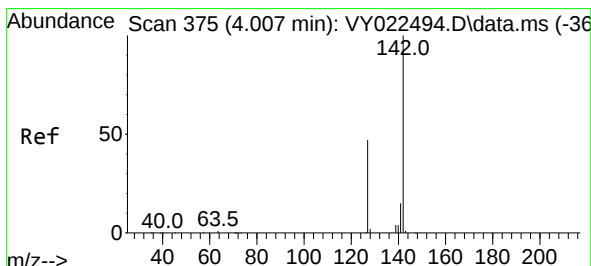
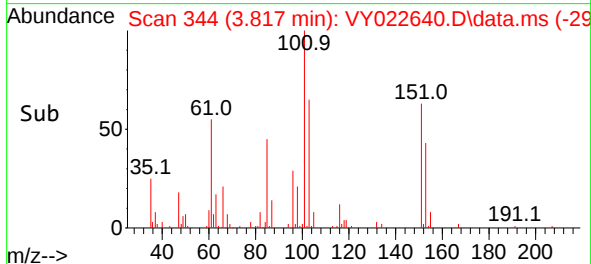
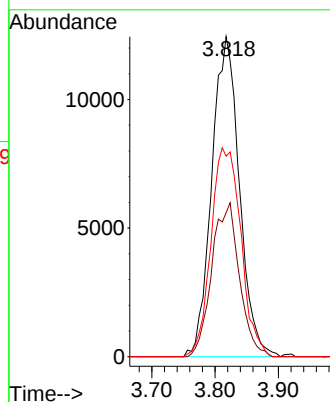
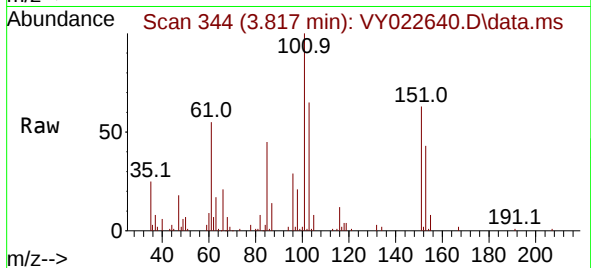




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.525 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022640.D
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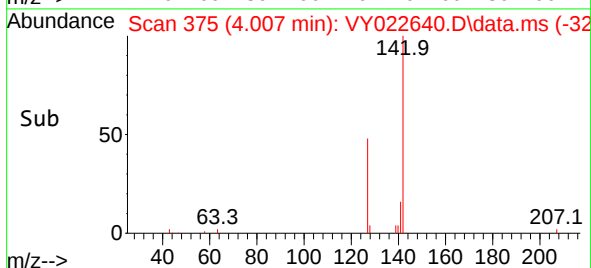
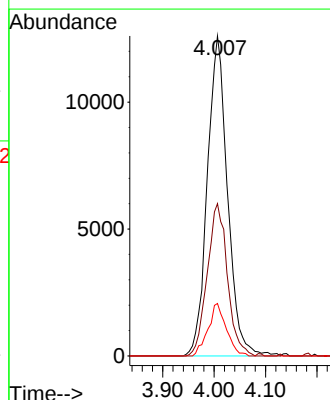
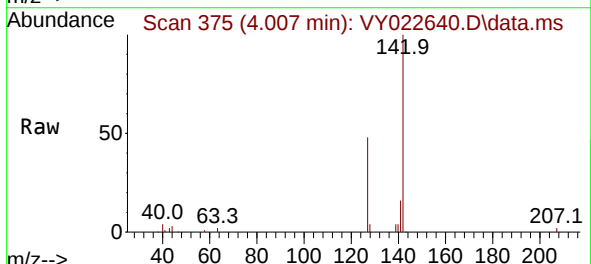
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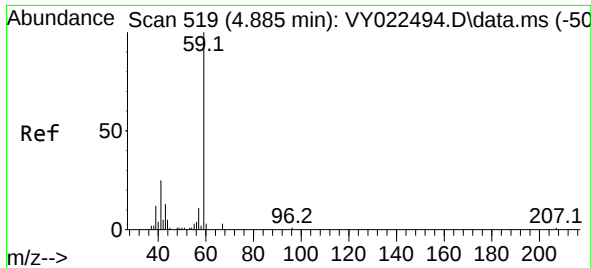
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Ion Ratio Lower Upper
101 100
85 48.0 39.3 58.9
151 70.9 57.8 86.8



#10
Methyl Iodide
Concen: 18.176 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:142 Resp: 34451
Ion Ratio Lower Upper
142 100
127 47.5 37.1 55.7
141 14.9 11.4 17.2

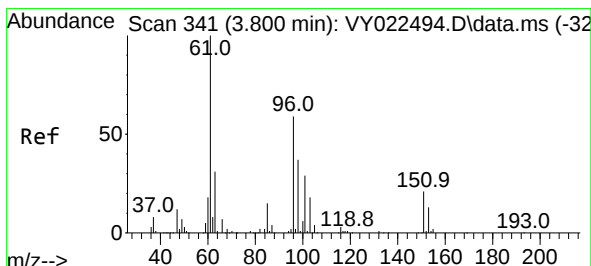
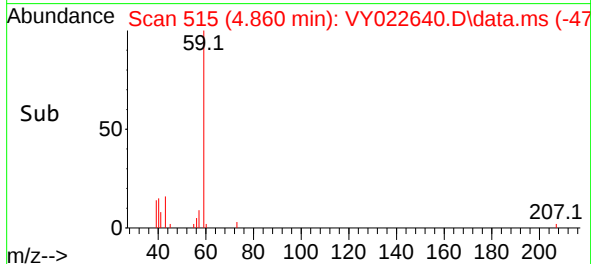
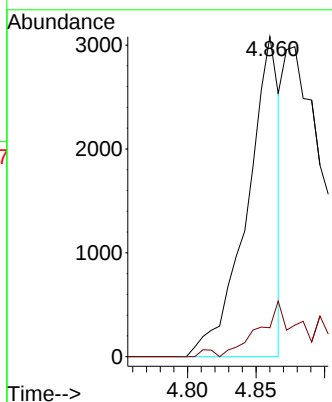
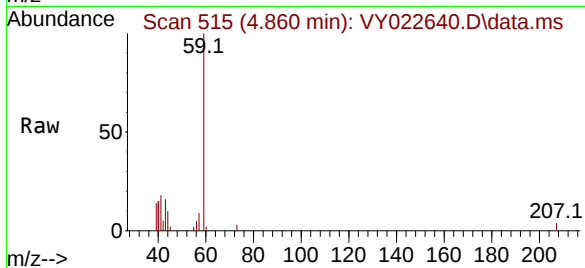




#11
Tert butyl alcohol
Concen: 39.393 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

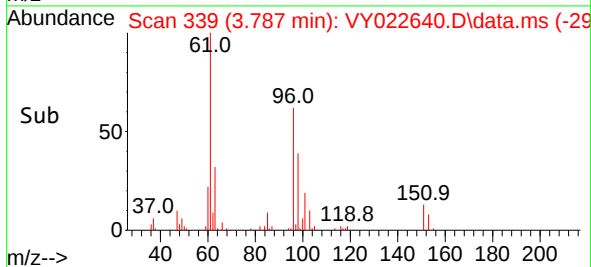
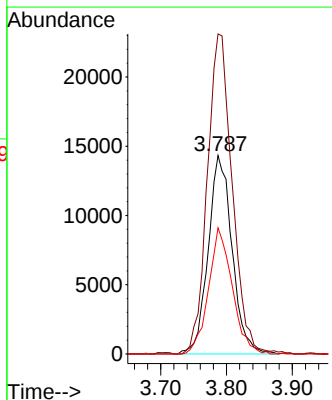
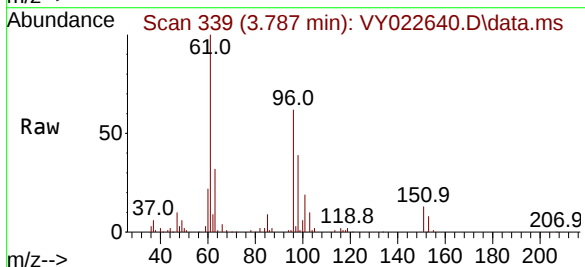
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

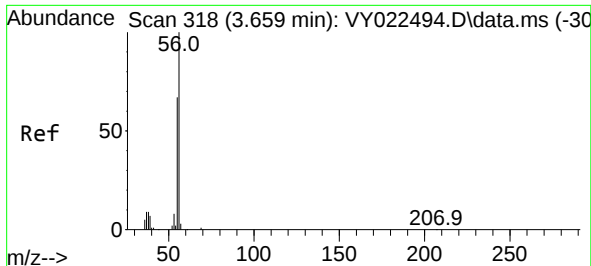
Tgt Ion: 59 Resp: 5024
Ion Ratio Lower Upper
59 100
57 19.6 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.653 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 96 Resp: 36252
Ion Ratio Lower Upper
96 100
61 161.3 134.6 201.8
98 63.6 50.2 75.4

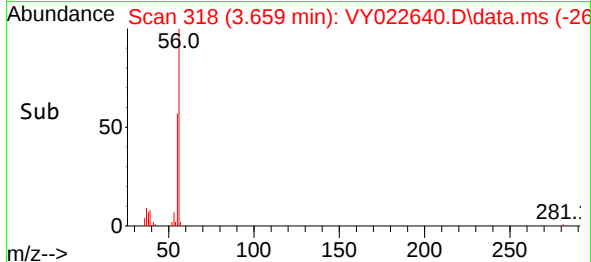
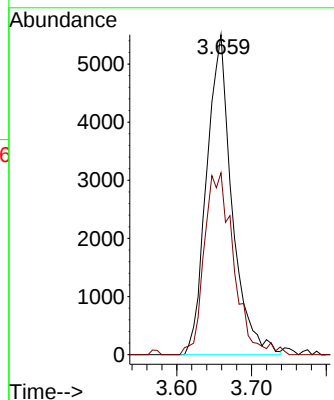
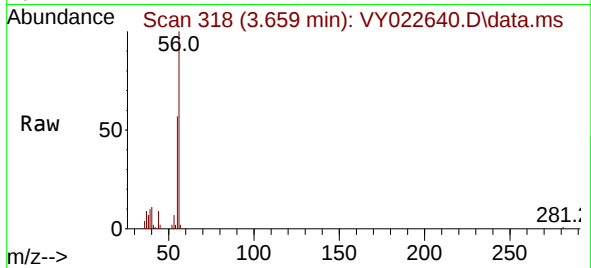




#13
Acrolein
Concen: 81.860 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

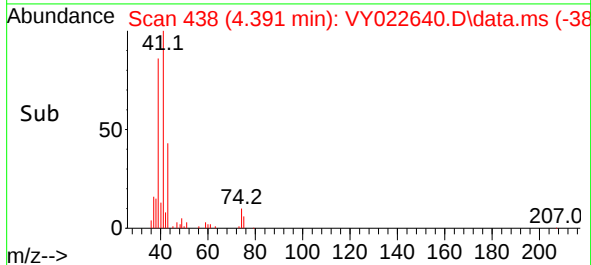
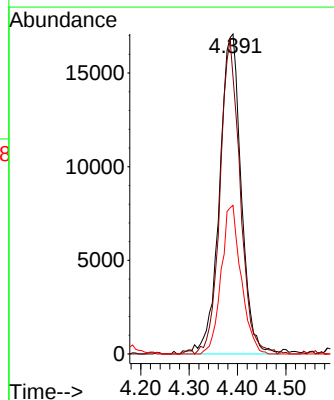
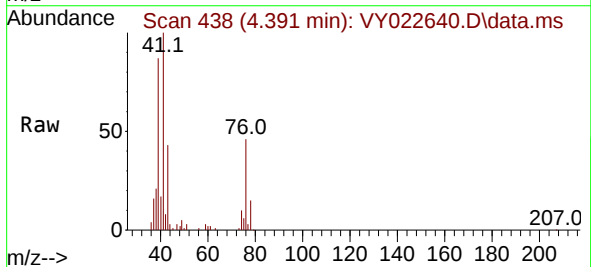
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

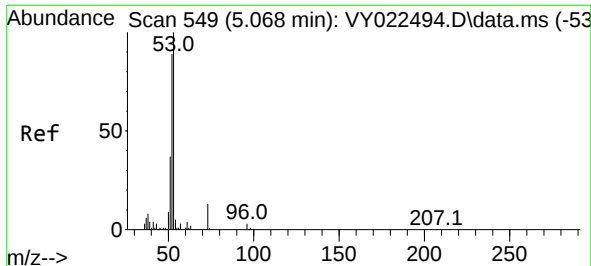
Tgt Ion: 56 Resp: 13011
Ion Ratio Lower Upper
56 100
55 64.7 57.0 85.6



#14
Allyl chloride
Concen: 20.268 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 41 Resp: 53270
Ion Ratio Lower Upper
41 100
39 90.2 69.1 103.7
76 42.6 33.5 50.3

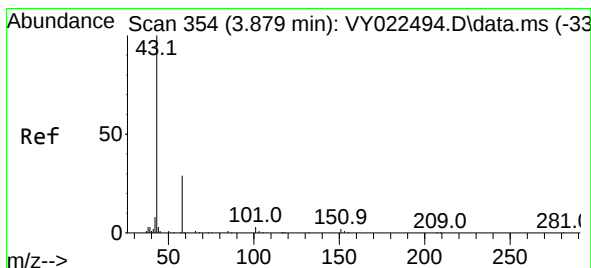
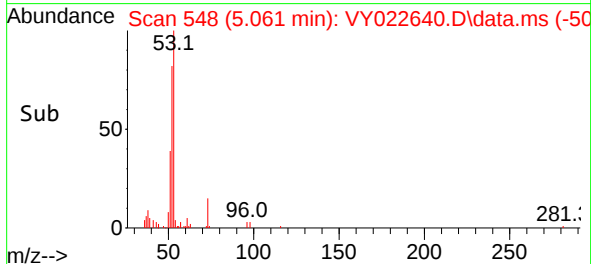
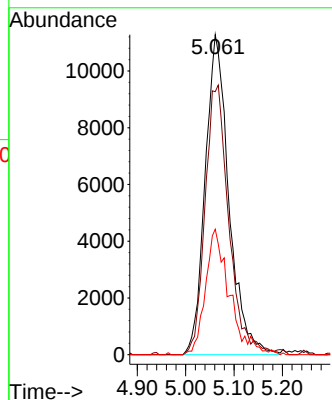
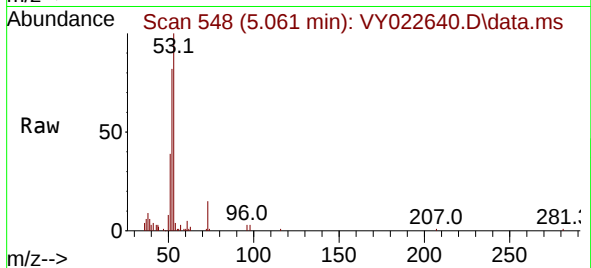




#15
Acrylonitrile
Concen: 97.029 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

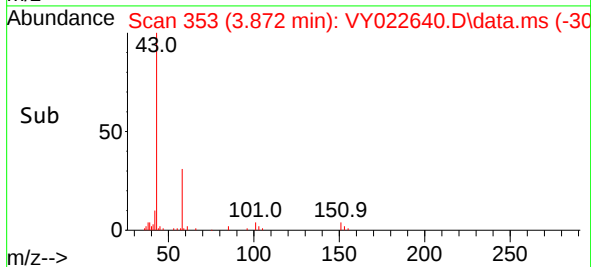
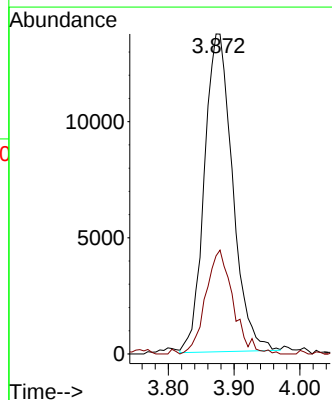
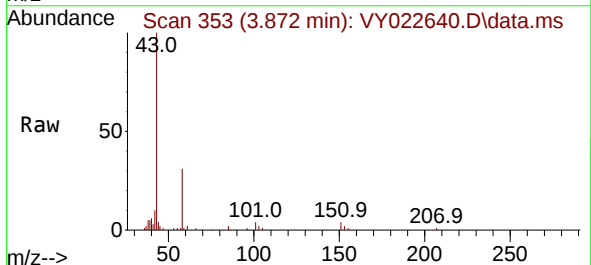
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

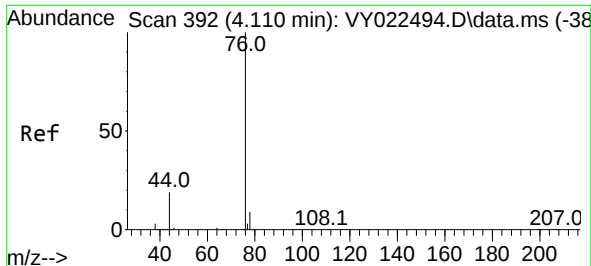
Tgt Ion: 53 Resp: 38486
Ion Ratio Lower Upper
53 100
52 84.3 65.7 98.5
51 39.5 30.1 45.1



#16
Acetone
Concen: 112.674 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 43 Resp: 40860
Ion Ratio Lower Upper
43 100
58 31.0 24.0 36.0

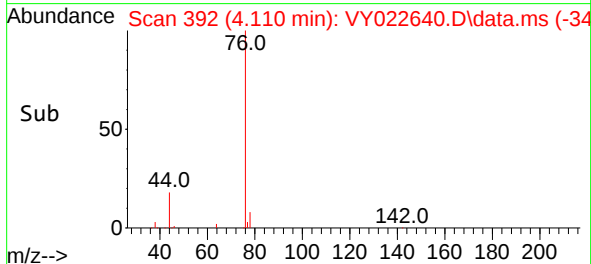
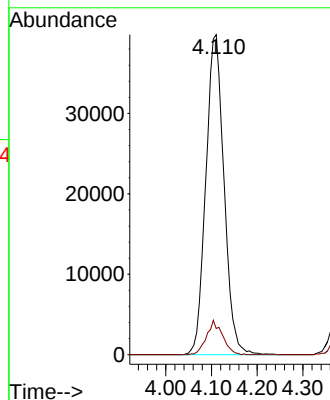
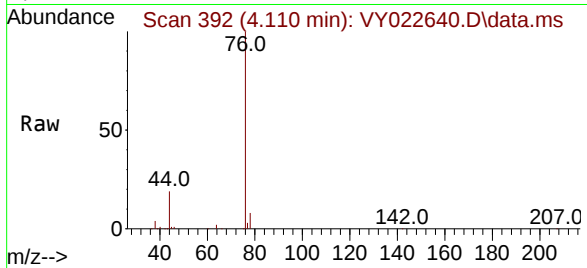




#17
Carbon Disulfide
Concen: 20.500 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

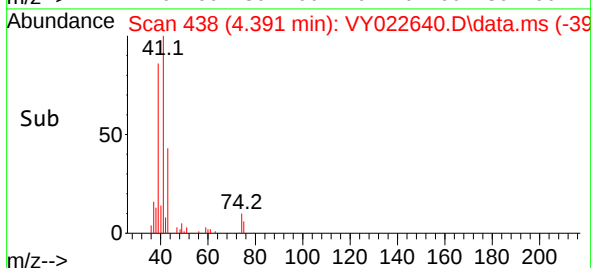
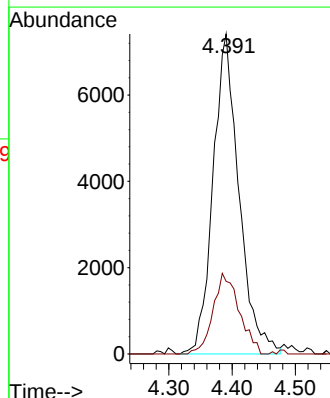
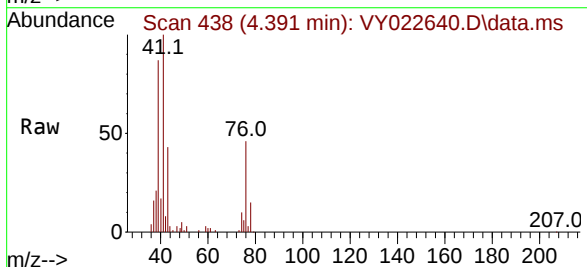
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

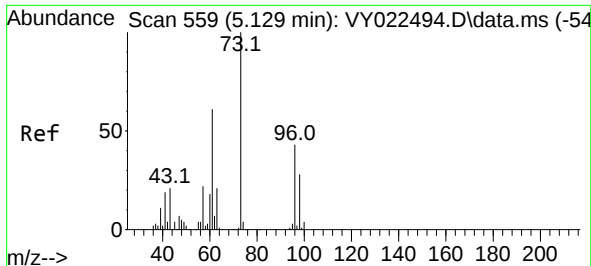
Tgt Ion: 76 Resp: 109884
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 19.625 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 43 Resp: 21075
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6

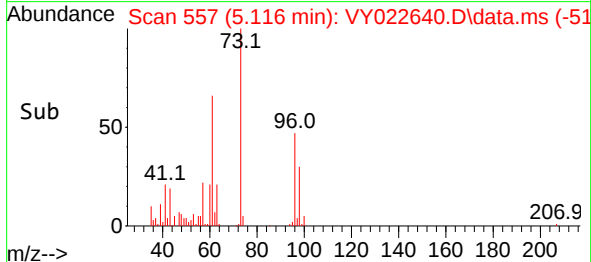
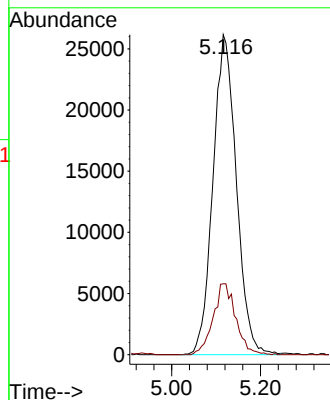
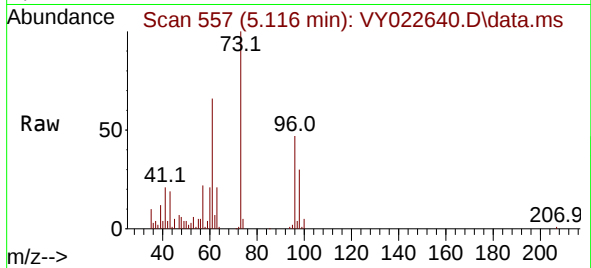




#19
Methyl tert-butyl Ether
Concen: 20.261 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

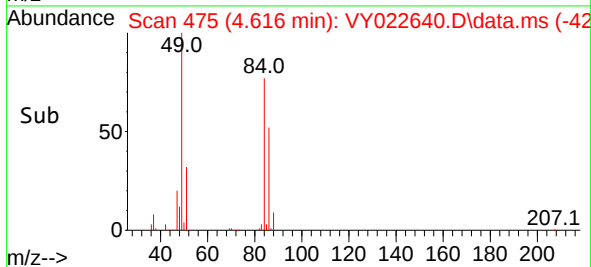
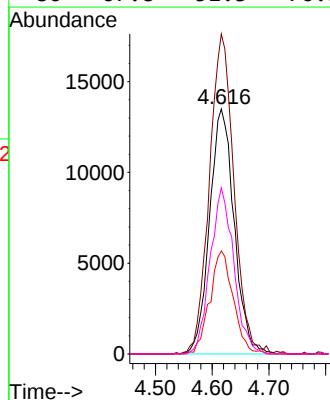
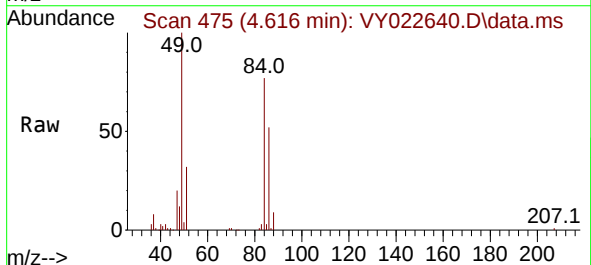
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

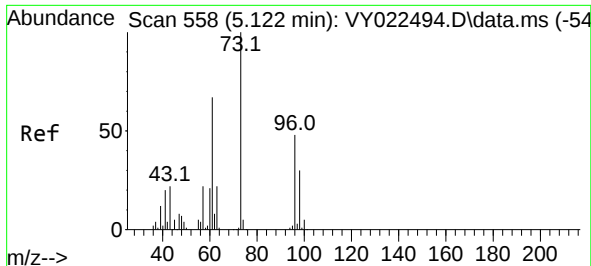
Tgt Ion: 73 Resp: 95544
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0



#20
Methylene Chloride
Concen: 19.700 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 84 Resp: 40580
Ion Ratio Lower Upper
84 100
49 130.7 101.9 152.9
51 42.1 29.8 44.8
86 67.8 51.3 76.9

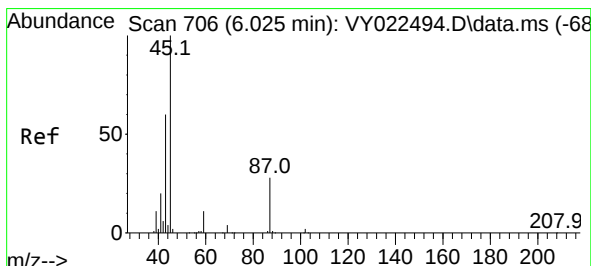
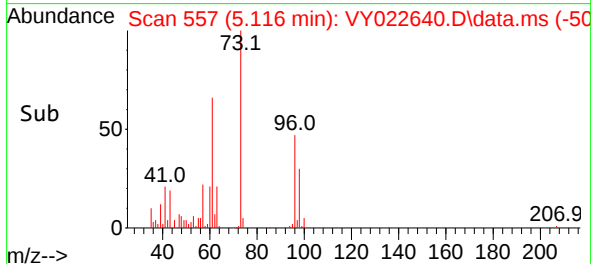
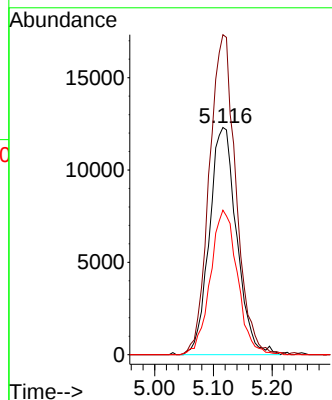
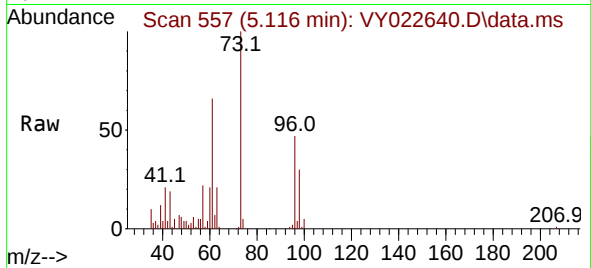




#21
trans-1,2-Dichloroethene
Concen: 21.155 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

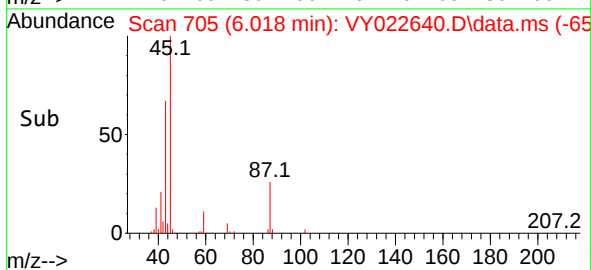
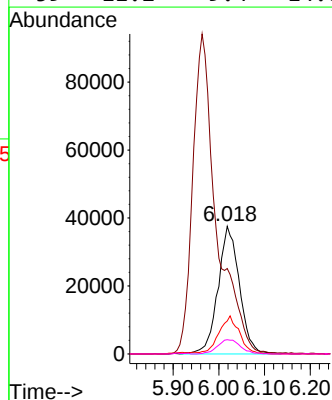
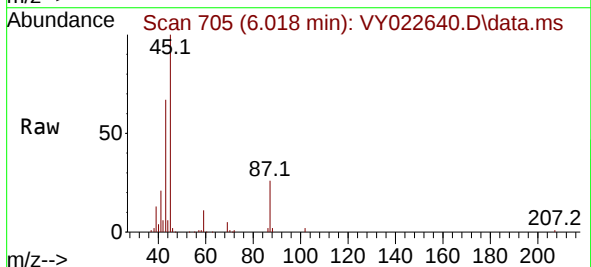
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

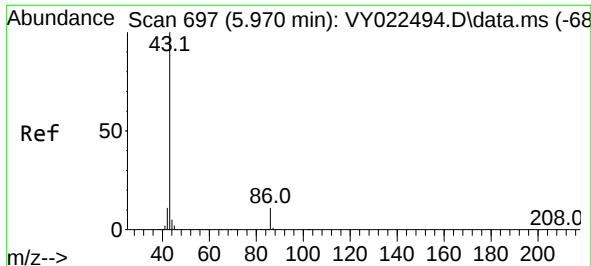
Tgt Ion: 96 Resp: 39640
Ion Ratio Lower Upper
96 100
61 140.9 112.6 169.0
98 63.6 50.6 75.8



#22
Diisopropyl ether
Concen: 20.869 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 45 Resp: 122094
Ion Ratio Lower Upper
45 100
43 66.1 48.3 72.5
87 25.9 23.0 34.6
59 11.2 9.4 14.0

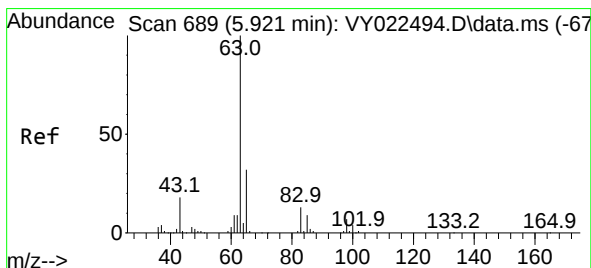
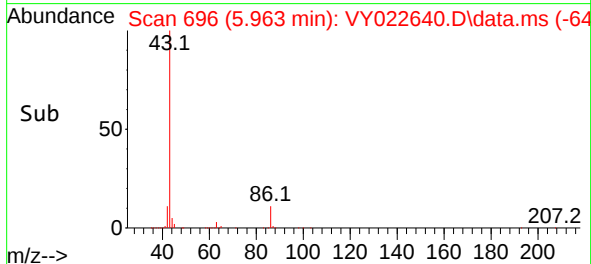
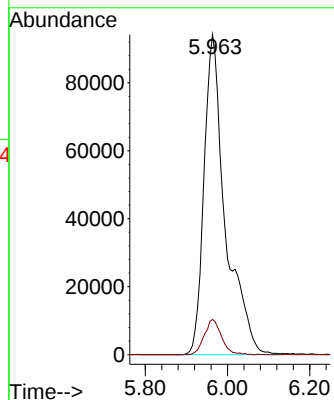
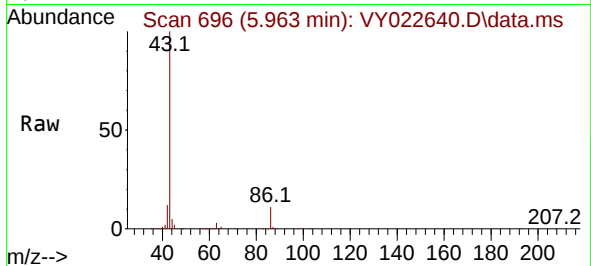




#23
 Vinyl Acetate
 Concen: 98.017 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022640.D
 Acq: 10 Jun 2025 10:56

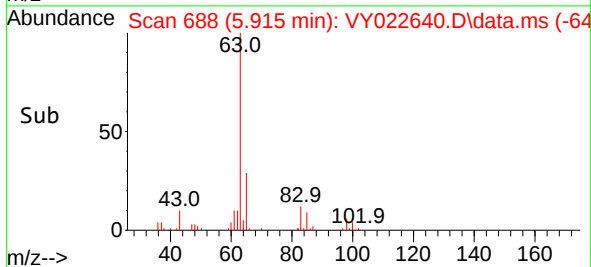
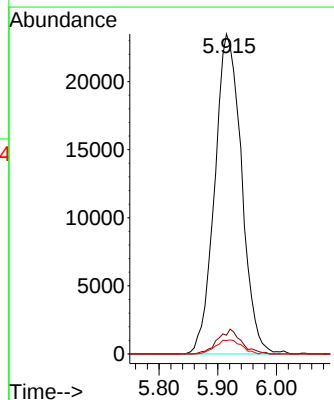
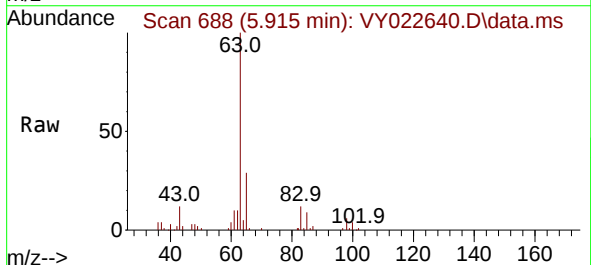
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Tgt Ion: 43 Resp: 339402
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.592 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022640.D
 Acq: 10 Jun 2025 10:56

Tgt Ion: 63 Resp: 74417
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.4 10.1
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 105.341 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

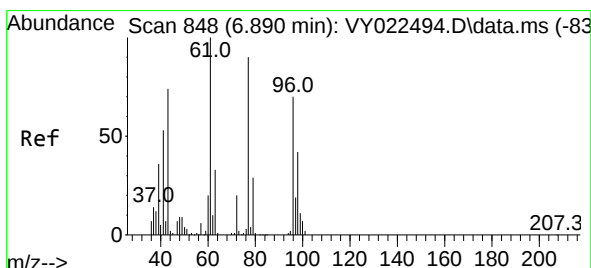
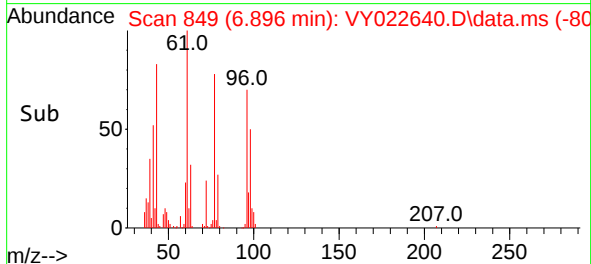
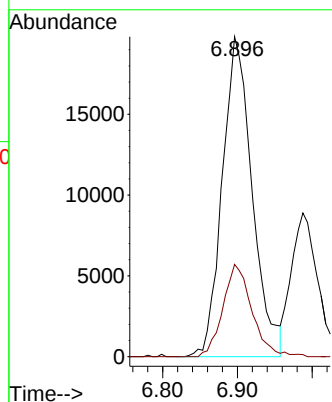
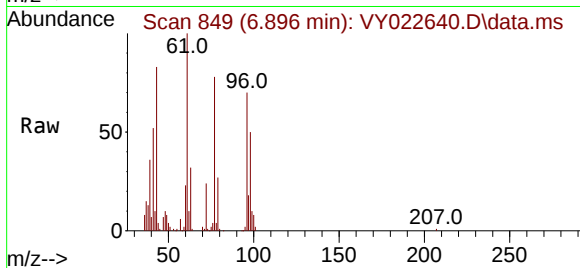
VY0610SBS01

Tgt Ion: 43 Resp: 55102

Ion Ratio Lower Upper

43 100

72 28.8 22.9 34.3



#26

2,2-Dichloropropane

Concen: 21.537 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022640.D

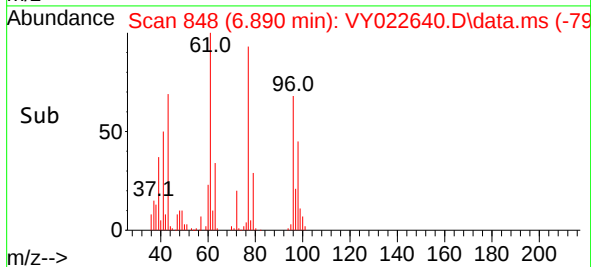
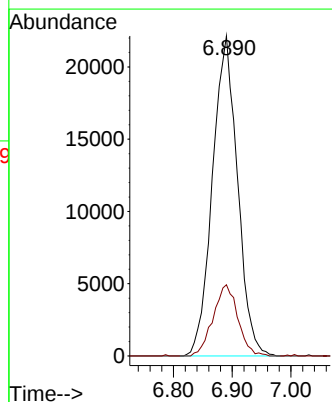
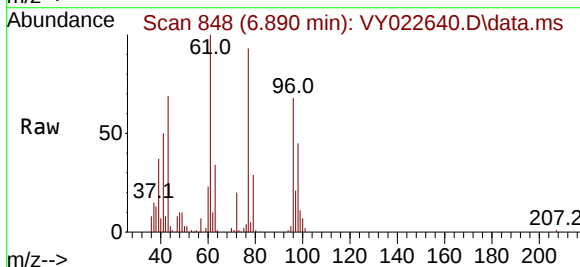
Acq: 10 Jun 2025 10:56

Tgt Ion: 77 Resp: 65585

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.499 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

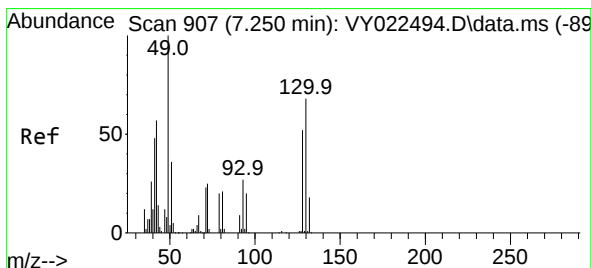
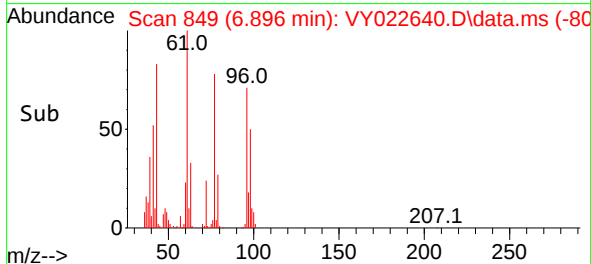
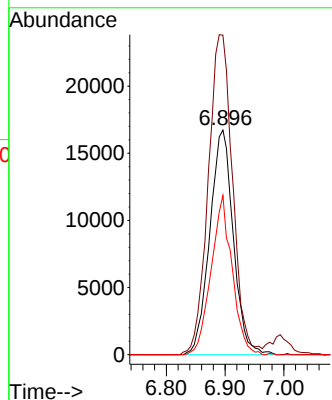
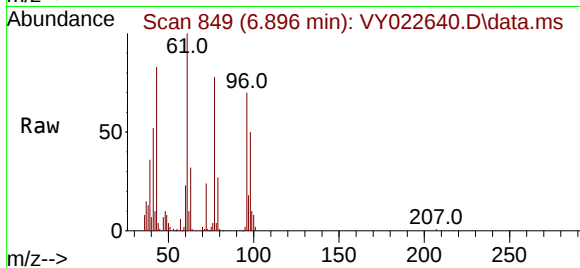
Tgt Ion: 96 Resp: 46564

Ion Ratio Lower Upper

96 100

61 147.3 0.0 290.0

98 63.0 0.0 128.4



#28

Bromochloromethane

Concen: 20.957 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

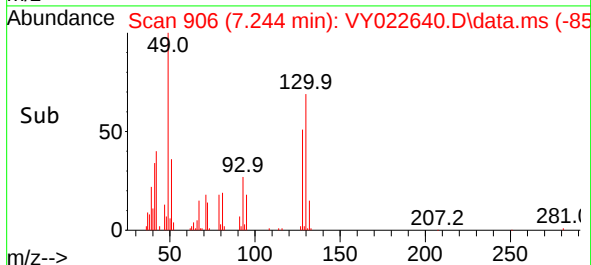
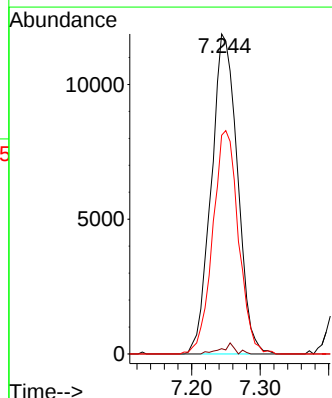
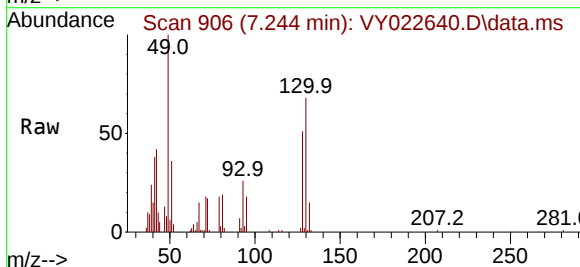
Tgt Ion: 49 Resp: 31486

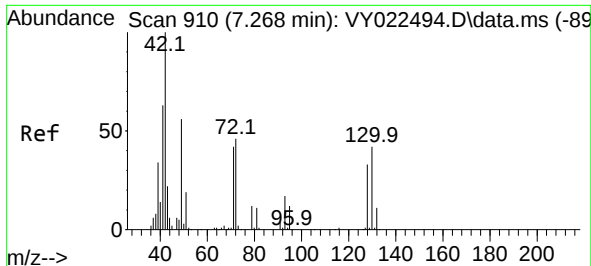
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 68.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 93.380 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

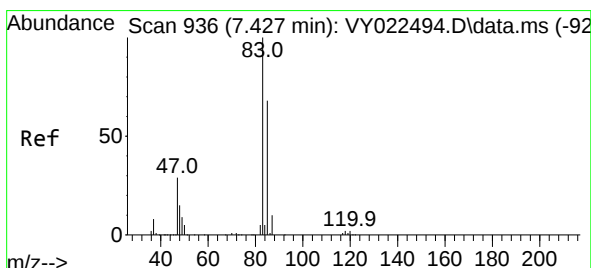
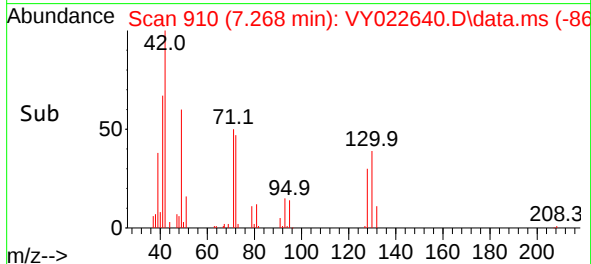
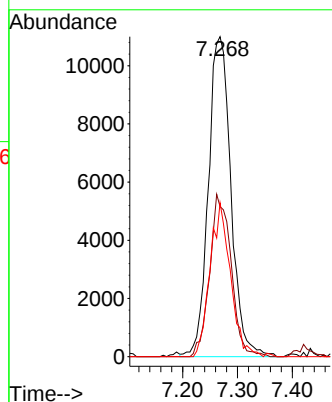
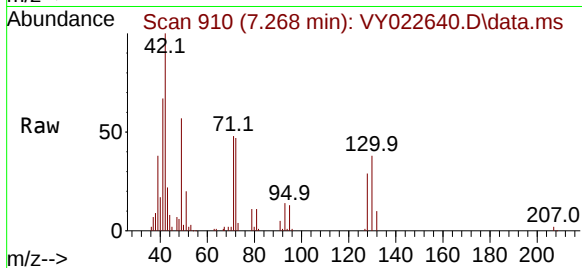
Tgt Ion: 42 Resp: 31504

Ion Ratio Lower Upper

42 100

72 48.1 37.4 56.2

71 43.5 34.2 51.2



#30

Chloroform

Concen: 22.284 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022640.D

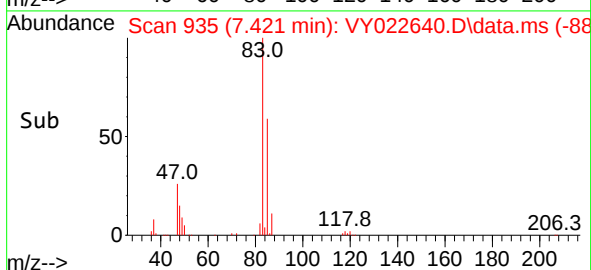
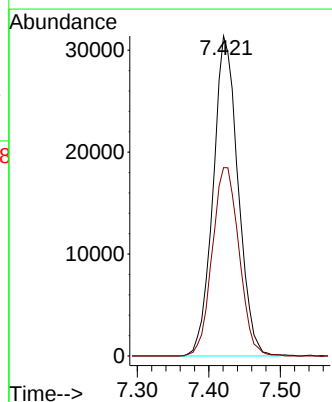
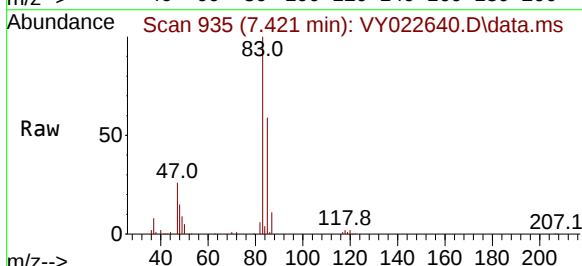
Acq: 10 Jun 2025 10:56

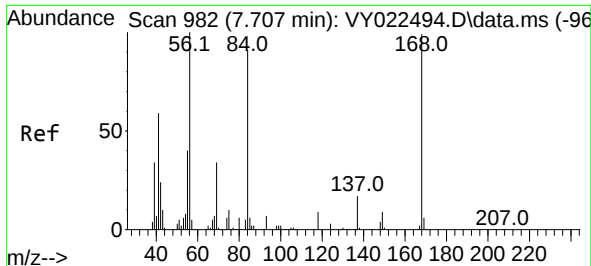
Tgt Ion: 83 Resp: 76072

Ion Ratio Lower Upper

83 100

85 58.9 54.2 81.4

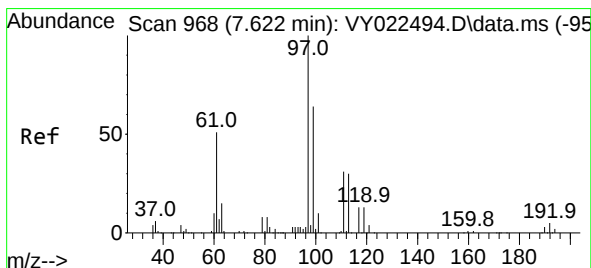
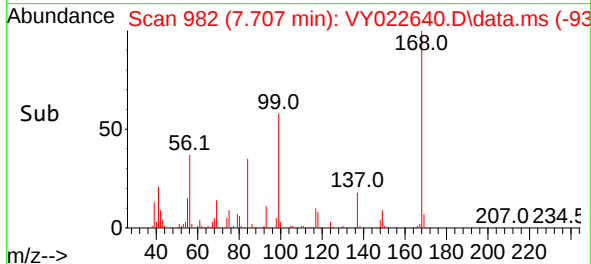
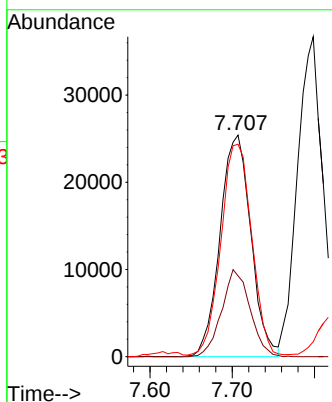
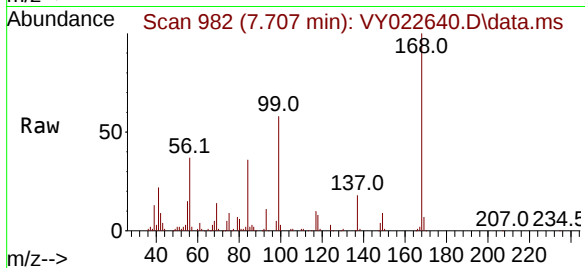




#31
Cyclohexane
Concen: 19.333 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

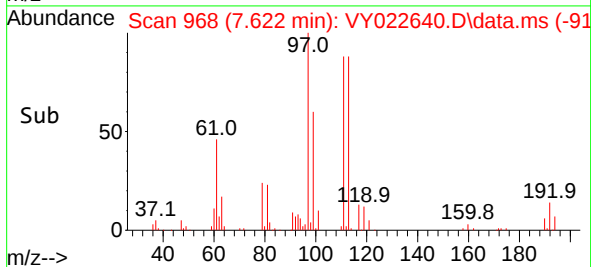
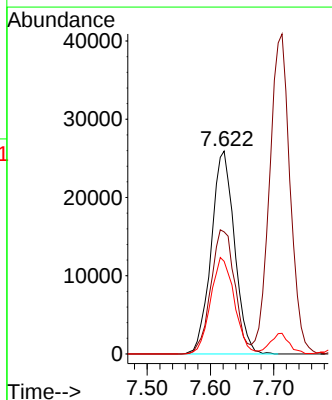
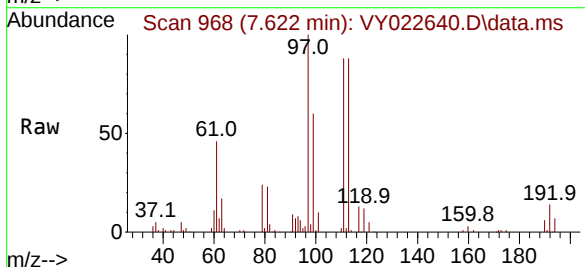
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 56 Resp: 66336
Ion Ratio Lower Upper
56 100
69 36.5 27.0 40.6
84 94.6 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.833 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 97 Resp: 66165
Ion Ratio Lower Upper
97 100
99 63.0 50.9 76.3
61 48.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 51.895 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

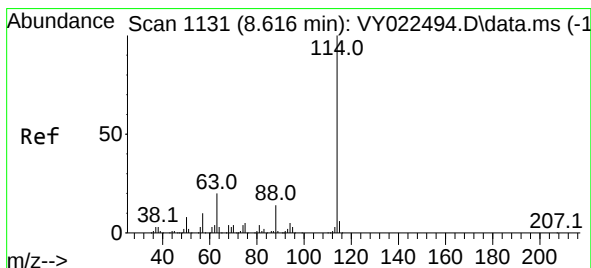
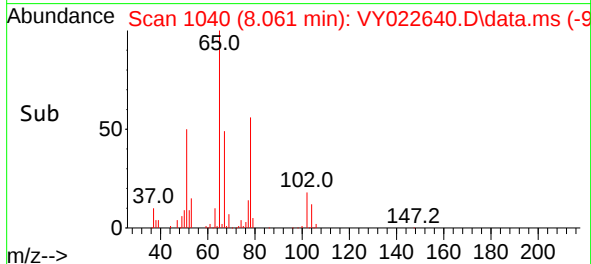
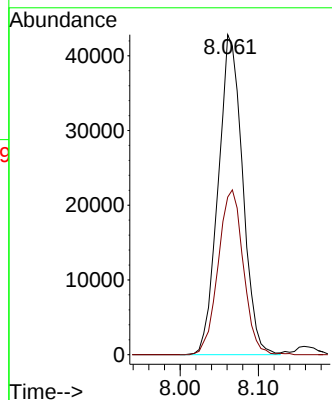
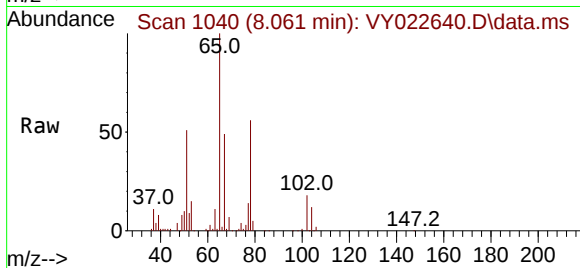
VY0610SBS01

Tgt Ion: 65 Resp: 92665

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

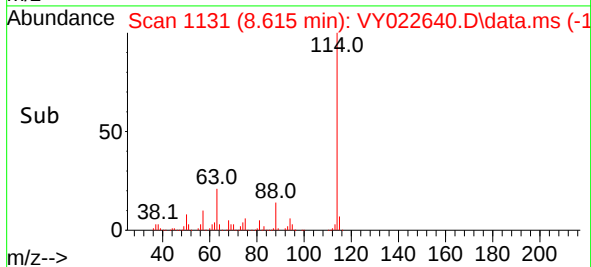
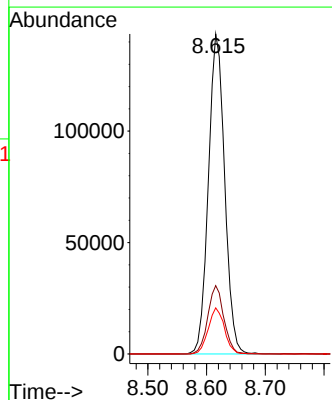
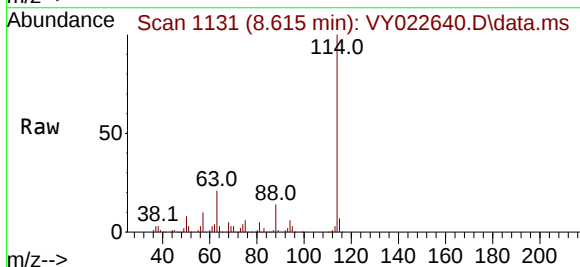
Tgt Ion: 114 Resp: 276426

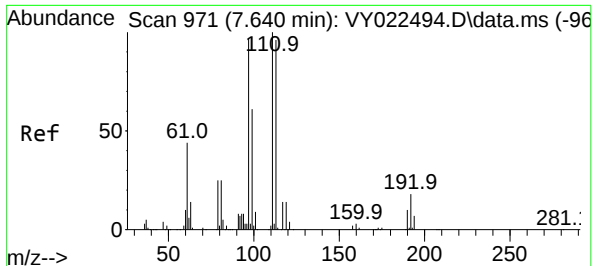
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 14.4 0.0 27.8

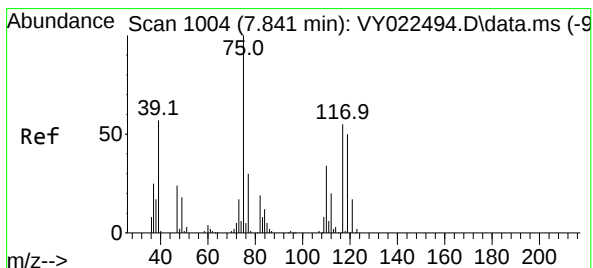
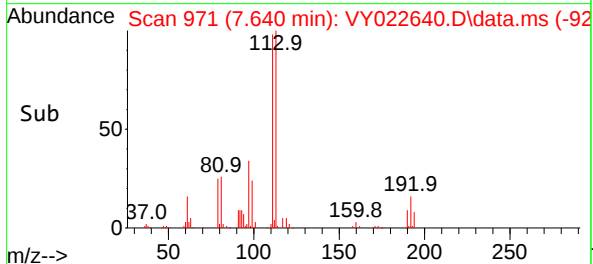
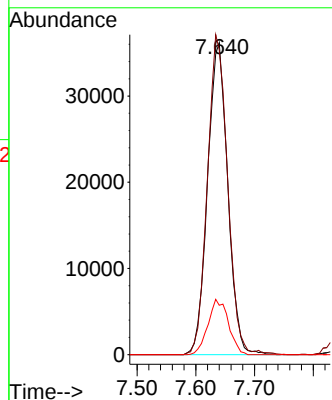
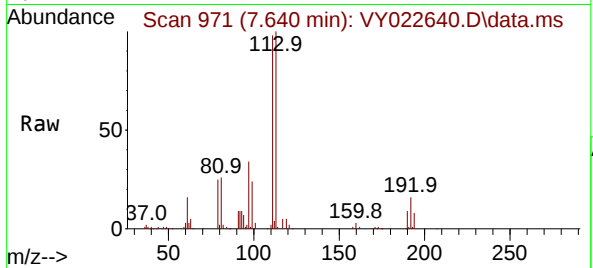




#35
Dibromofluoromethane
Concen: 52.372 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

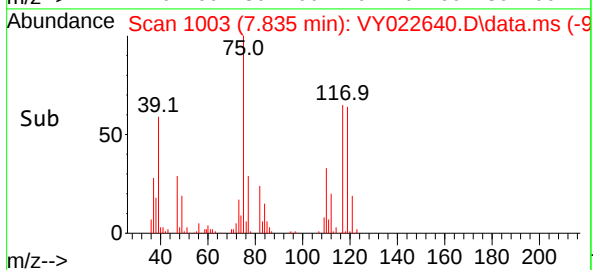
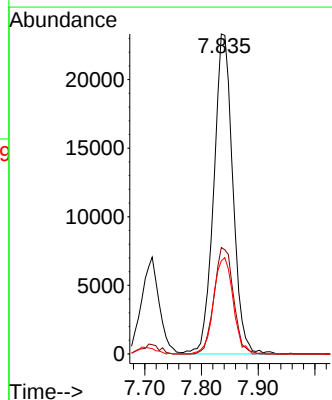
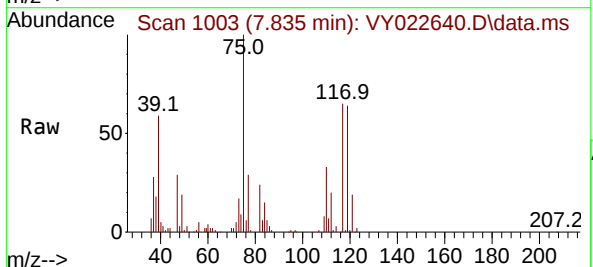
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion:113 Resp: 86410
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 18.0 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.327 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 75 Resp: 54432
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 19.175 ug/l

RT: 6.988 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

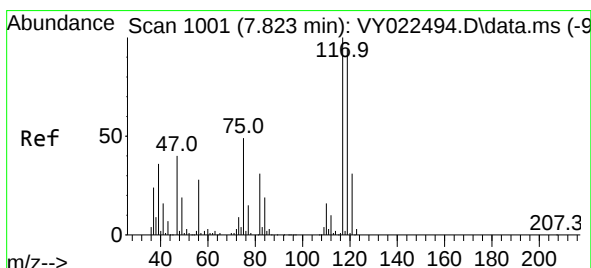
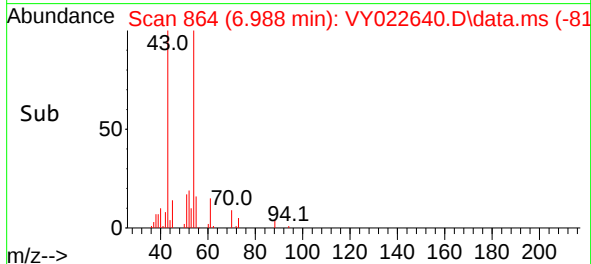
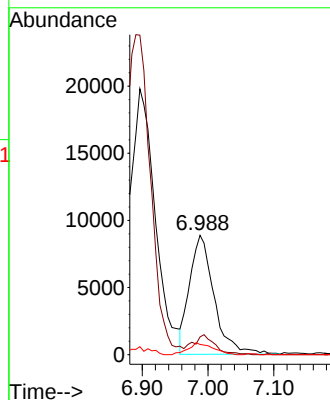
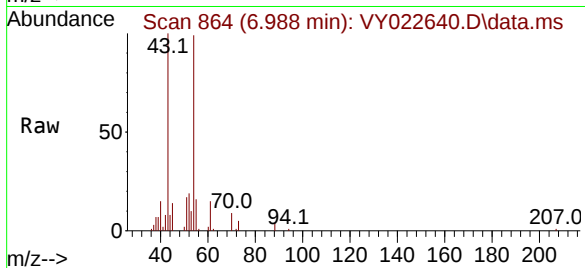
Tgt Ion: 43 Resp: 22899

Ion Ratio Lower Upper

43 100

61 15.0 11.5 17.3

70 9.9 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.365 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

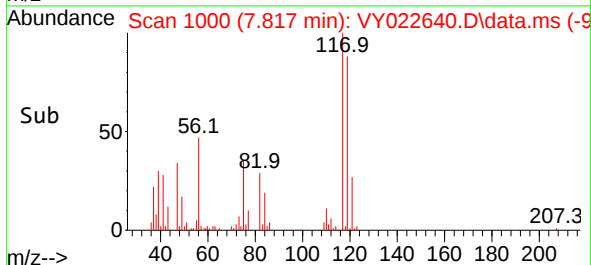
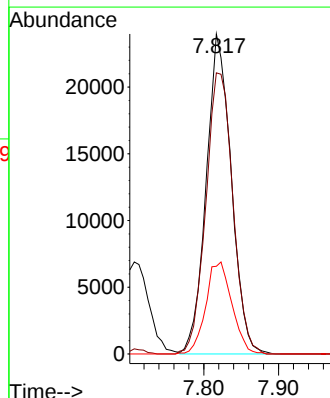
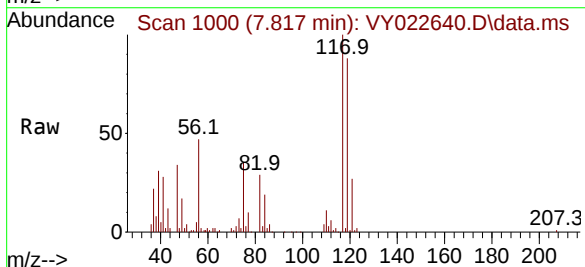
Tgt Ion: 117 Resp: 55944

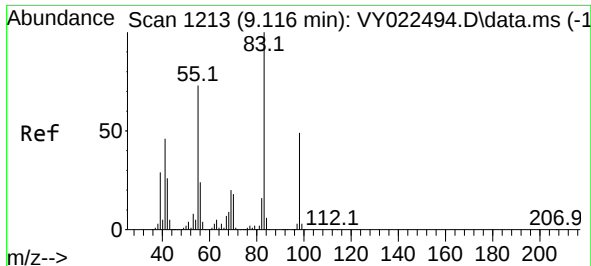
Ion Ratio Lower Upper

117 100

119 87.9 75.0 112.6

121 27.4 25.0 37.4

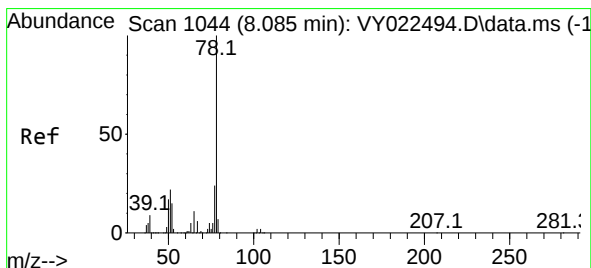
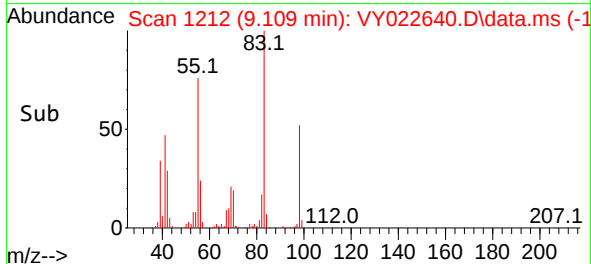
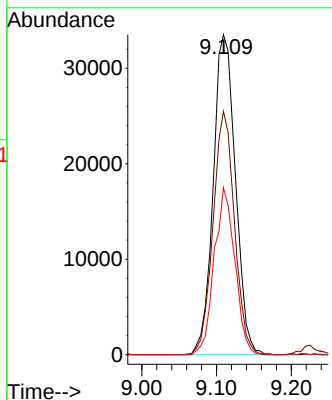
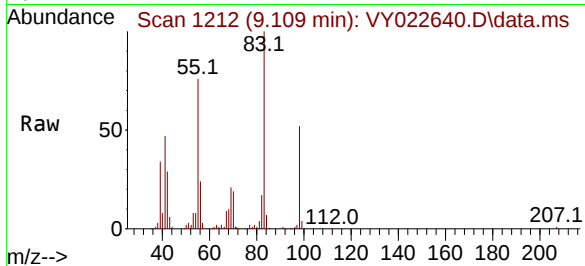




#39
Methylcyclohexane
Concen: 19.262 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

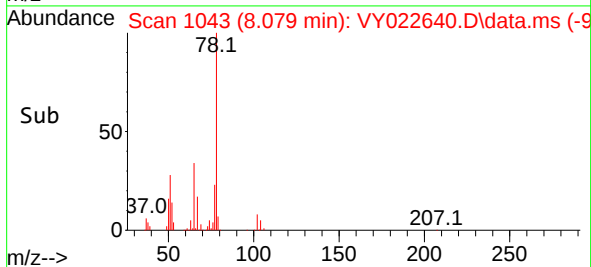
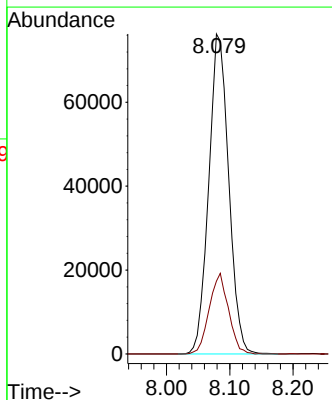
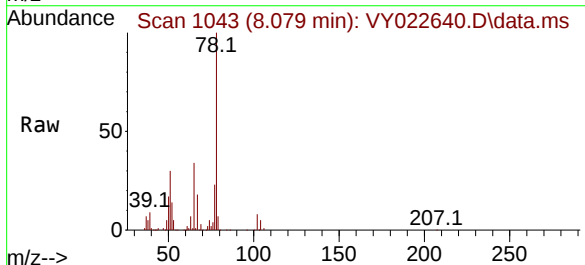
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

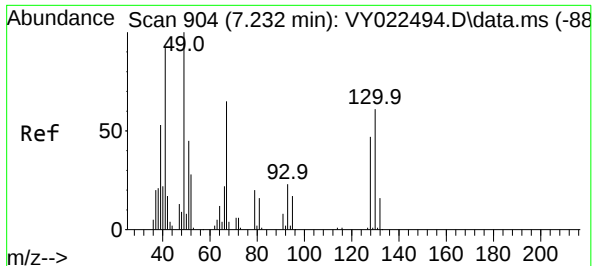
Tgt Ion: 83 Resp: 69318
Ion Ratio Lower Upper
83 100
55 76.1 58.1 87.1
98 52.2 39.0 58.6



#40
Benzene
Concen: 21.150 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

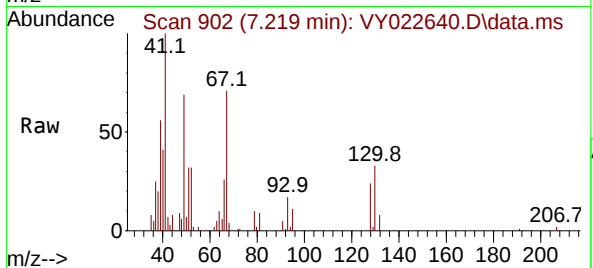
Tgt Ion: 78 Resp: 167280
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9



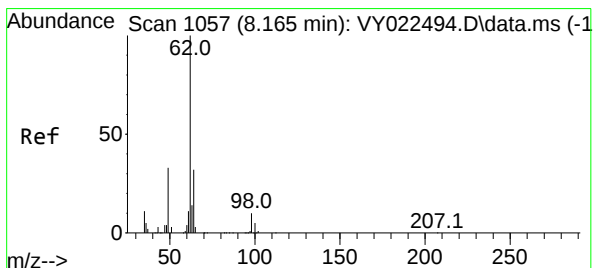
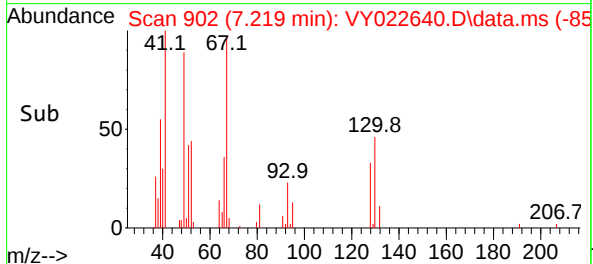
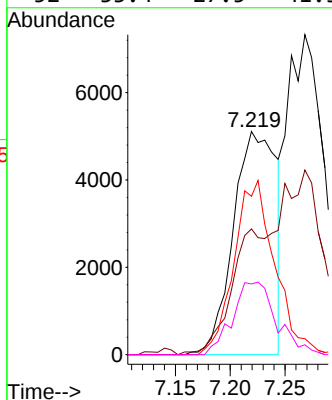


#41
Methacrylonitrile
Concen: 19.893 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

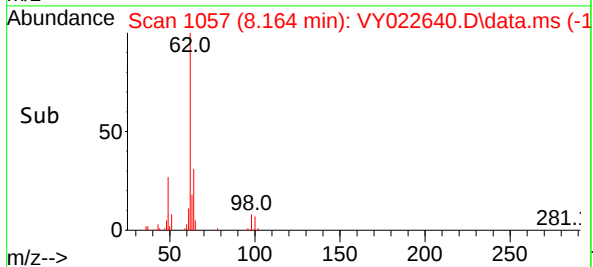
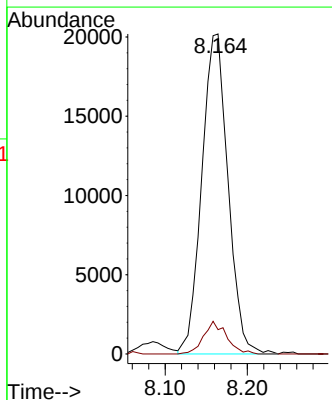
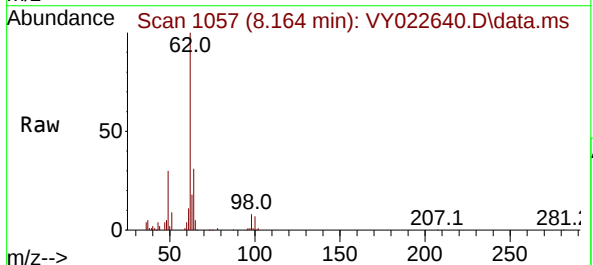


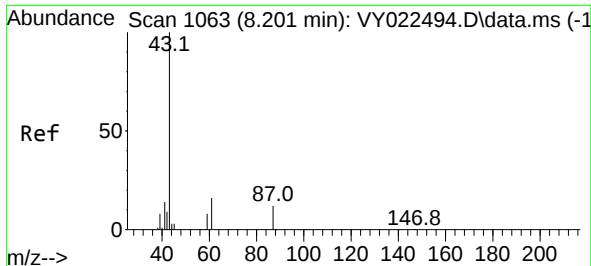
Tgt Ion: 41 Resp: 13876
Ion Ratio Lower Upper
41 100
39 44.5 46.6 69.8#
67 74.3 63.3 94.9
52 33.4 27.5 41.3



#42
1,2-Dichloroethane
Concen: 20.752 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 62 Resp: 44816
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.2

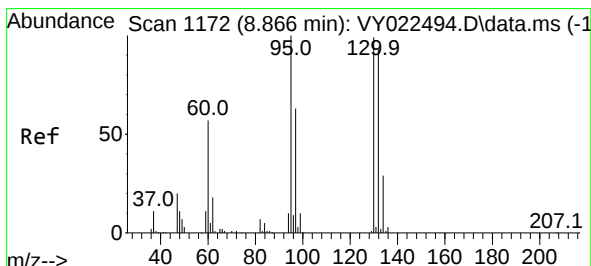
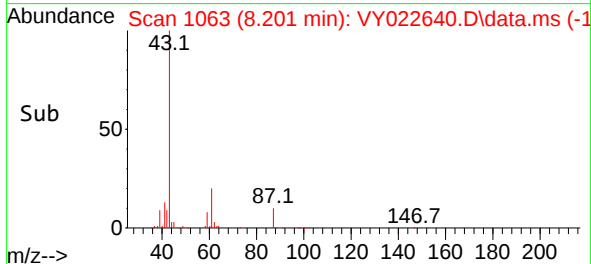
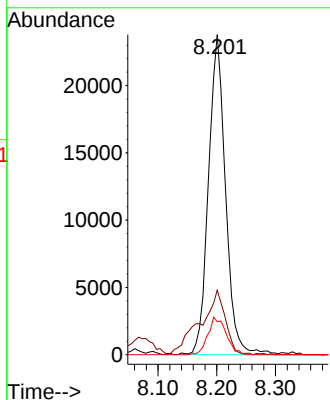
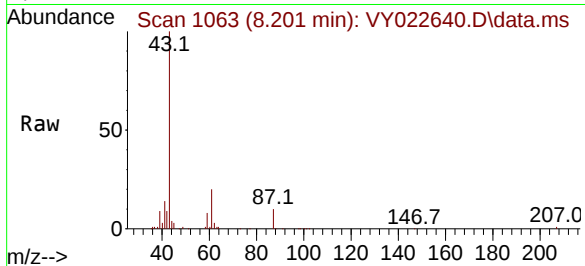




#43
Isopropyl Acetate
Concen: 18.600 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

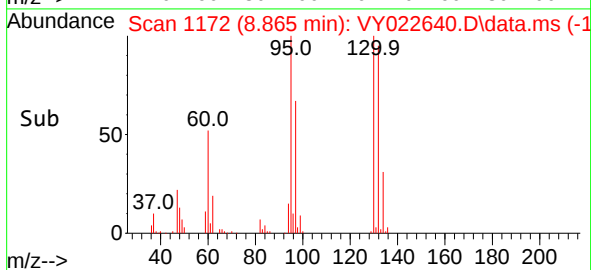
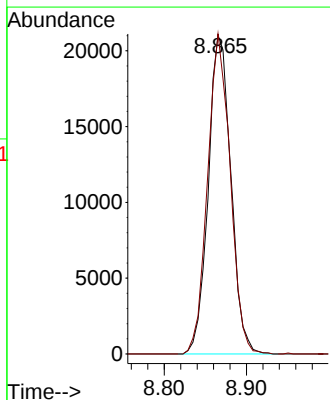
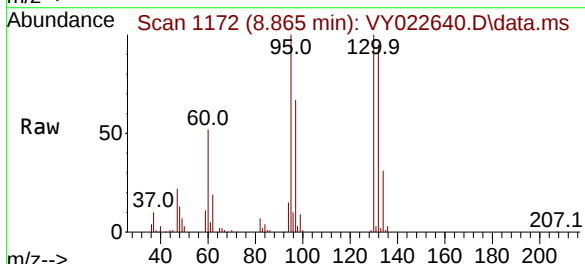
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

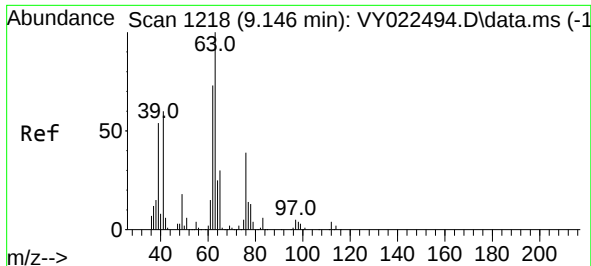
Tgt Ion: 43 Resp: 47971
Ion Ratio Lower Upper
43 100
61 29.8 15.6 23.4#
87 12.5 10.2 15.4



#44
Trichloroethene
Concen: 20.844 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:130 Resp: 40292
Ion Ratio Lower Upper
130 100
95 100.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.514 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

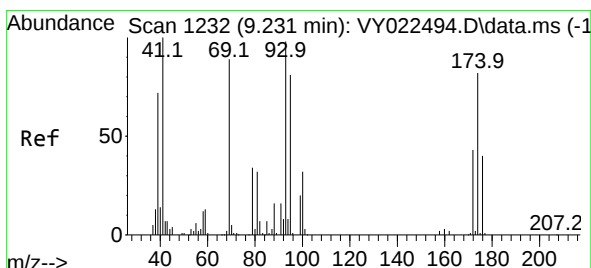
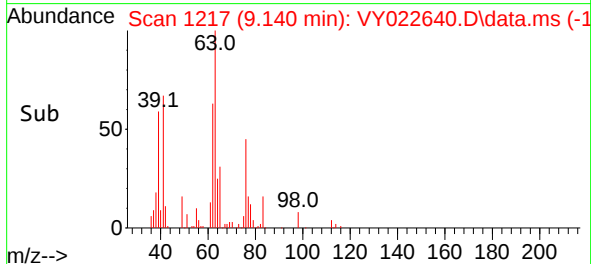
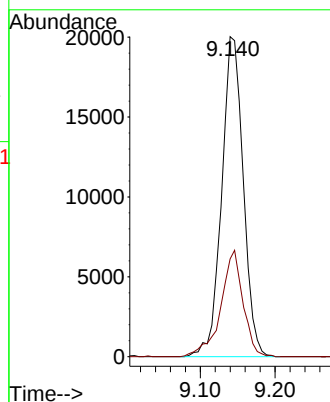
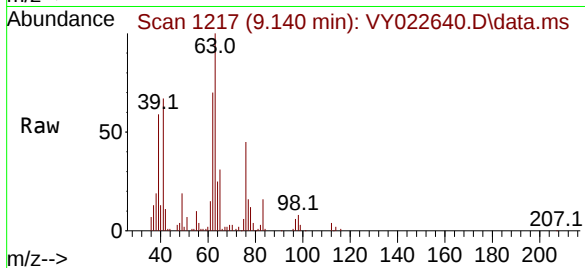
VY0610SBS01

Tgt Ion: 63 Resp: 40215

Ion Ratio Lower Upper

63 100

65 30.6 24.0 36.0



#46

Dibromomethane

Concen: 21.291 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

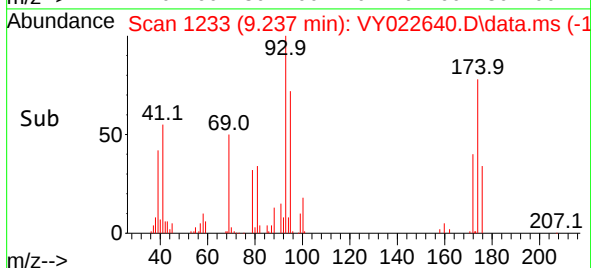
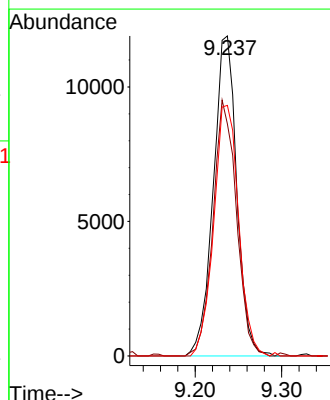
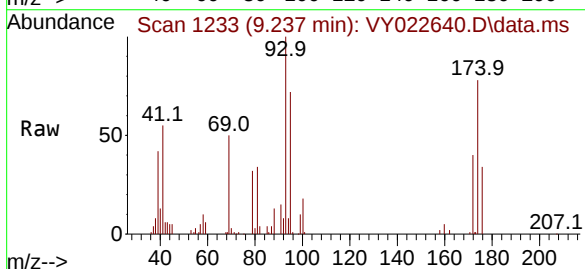
Tgt Ion: 93 Resp: 22390

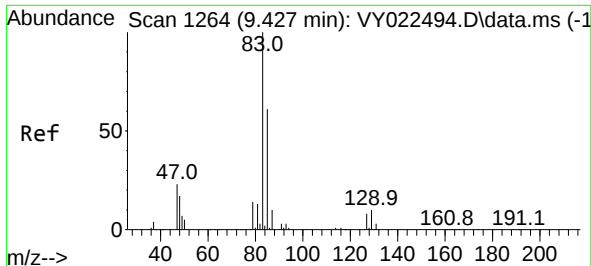
Ion Ratio Lower Upper

93 100

95 79.9 65.6 98.4

174 82.9 70.4 105.6

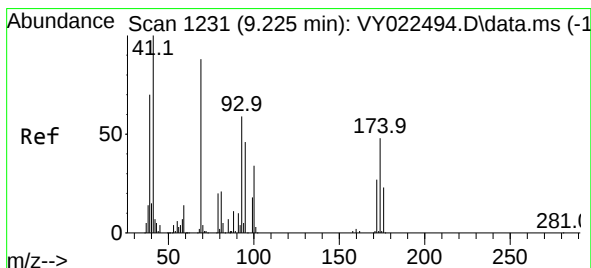
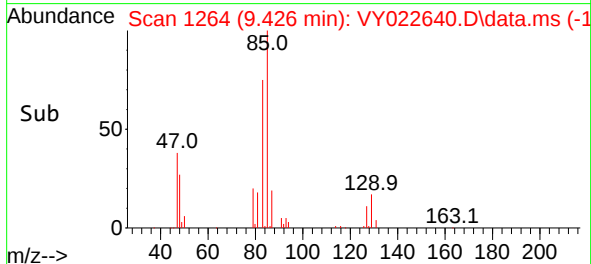
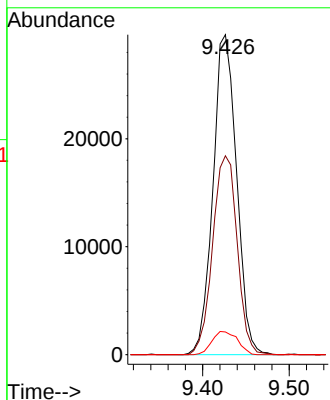
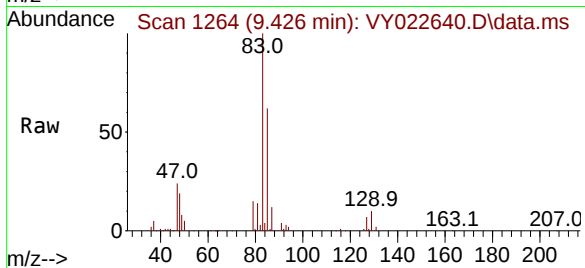




#47
Bromodichloromethane
Concen: 21.048 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

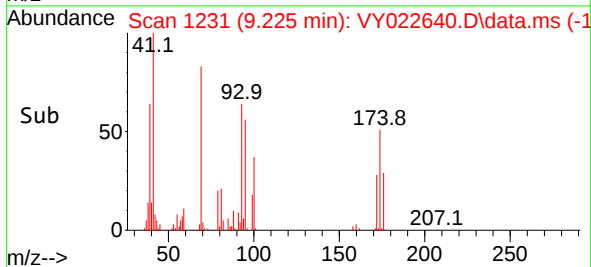
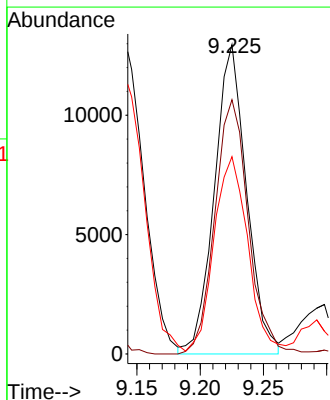
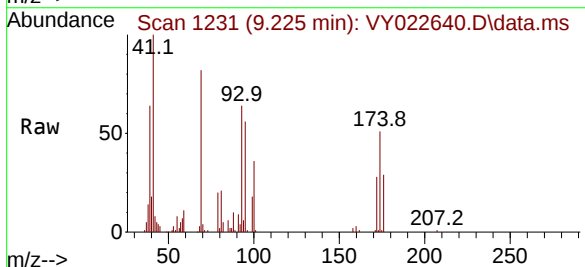
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

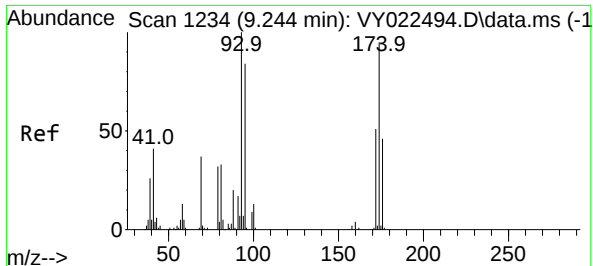
Tgt Ion: 83 Resp: 56123
Ion Ratio Lower Upper
83 100
85 62.1 49.1 73.7
127 7.1 6.2 9.4



#48
Methyl methacrylate
Concen: 18.943 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 41 Resp: 22929
Ion Ratio Lower Upper
41 100
69 85.8 67.8 101.8
39 66.1 55.0 82.4





#49

1,4-Dioxane

Concen: 339.613 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

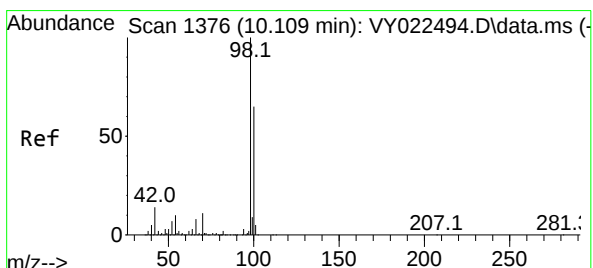
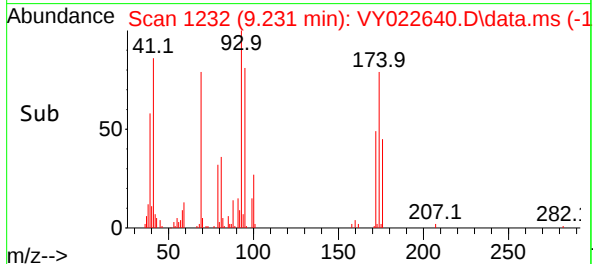
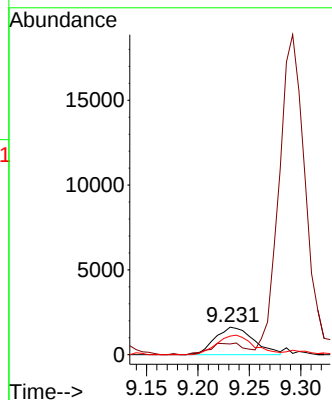
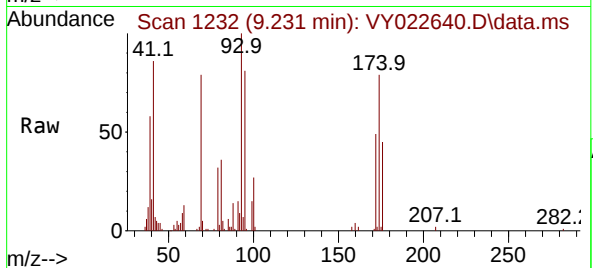
Tgt Ion: 88 Resp: 4231

Ion Ratio Lower Upper

88 100

43 38.7 25.4 38.2#

58 67.4 54.9 82.3



#50

Toluene-d8

Concen: 52.215 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022640.D

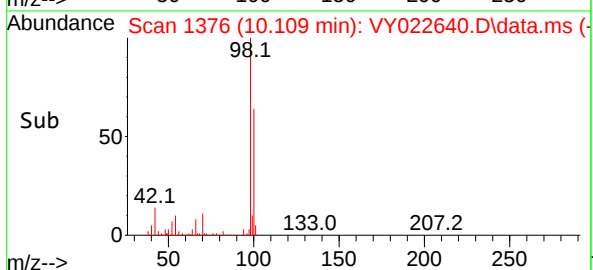
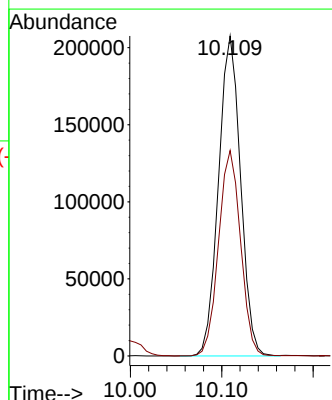
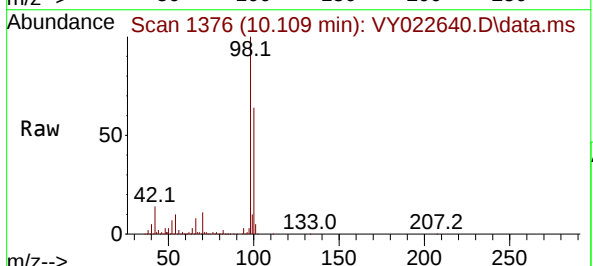
Acq: 10 Jun 2025 10:56

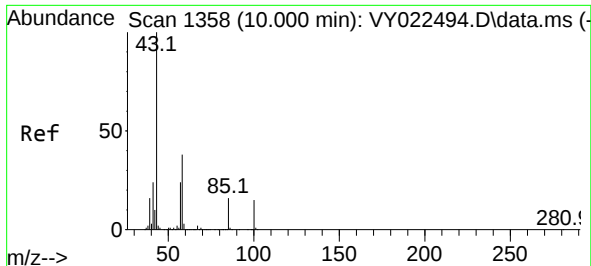
Tgt Ion: 98 Resp: 348107

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

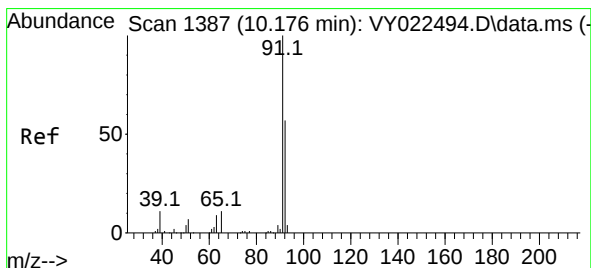
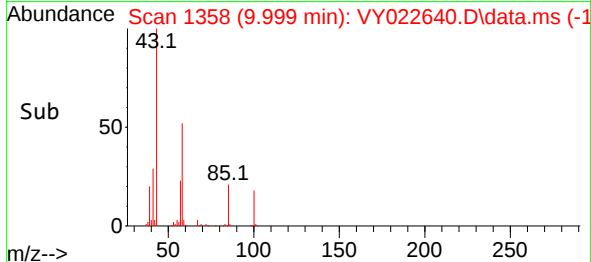
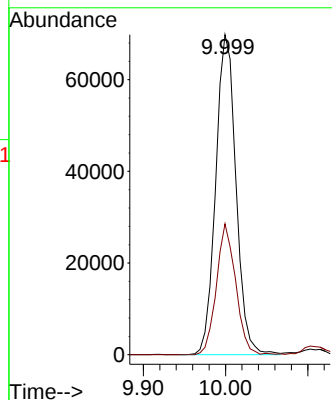
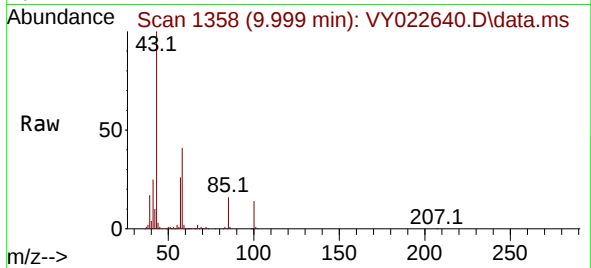




#51
4-Methyl-2-Pentanone
Concen: 93.102 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

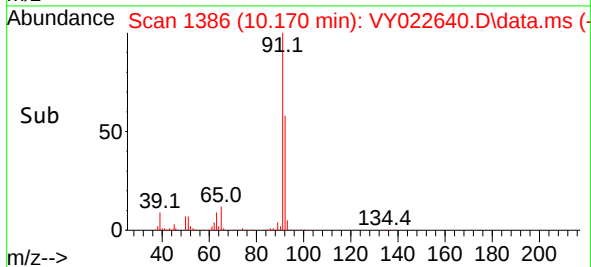
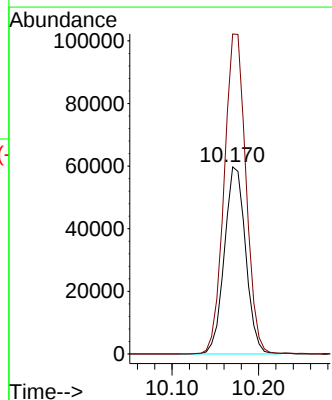
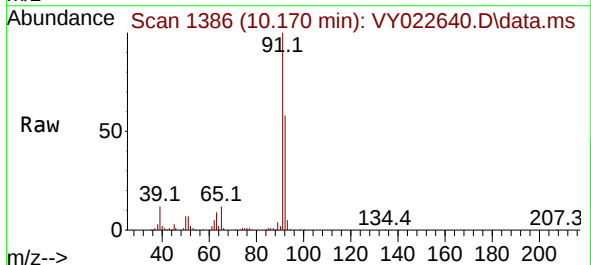
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

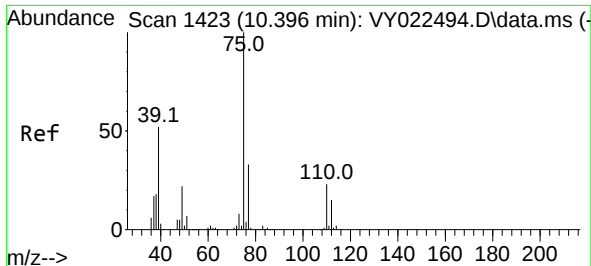
Tgt Ion: 43 Resp: 119716
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6



#52
Toluene
Concen: 20.513 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 92 Resp: 101960
Ion Ratio Lower Upper
92 100
91 175.2 139.0 208.4

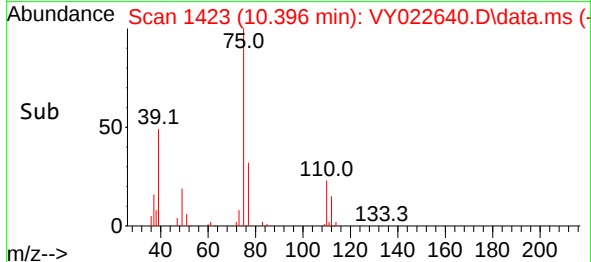
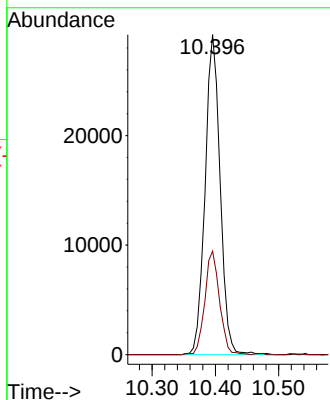
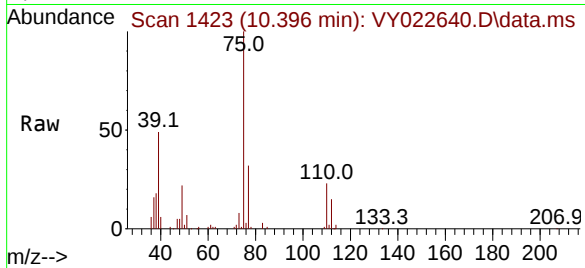




#53
t-1,3-Dichloropropene
Concen: 19.383 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

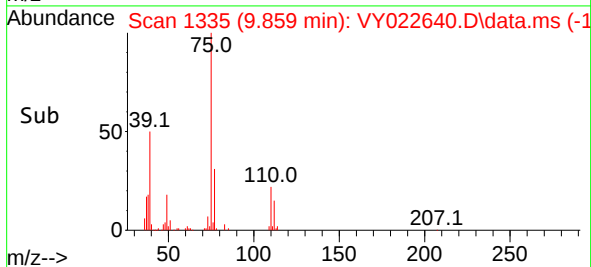
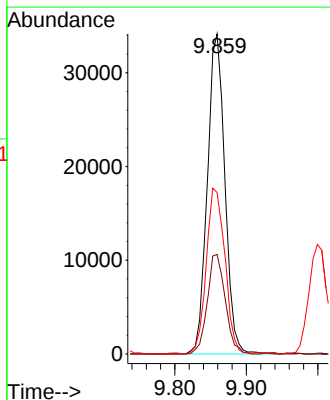
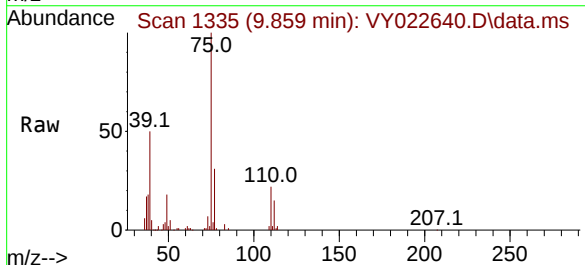
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

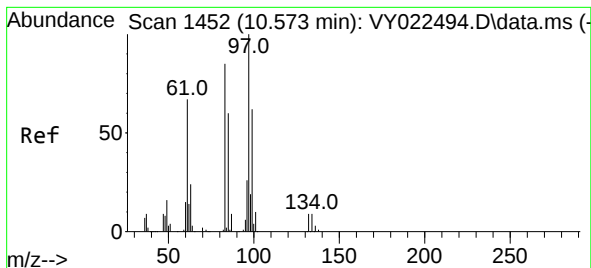
Tgt Ion: 75 Resp: 48427
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.005 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 75 Resp: 58179
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 50.3 42.7 64.1

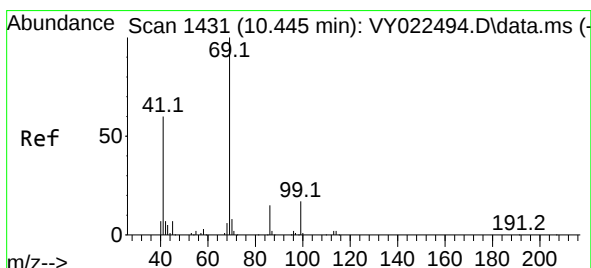
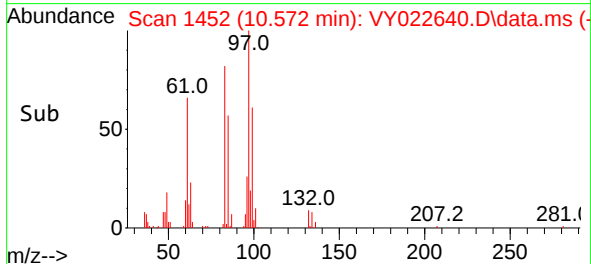
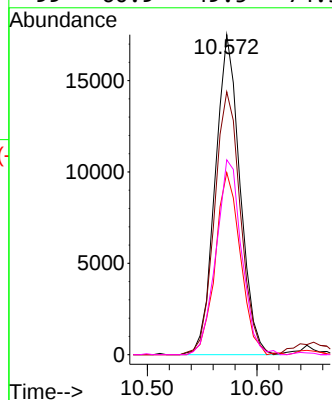
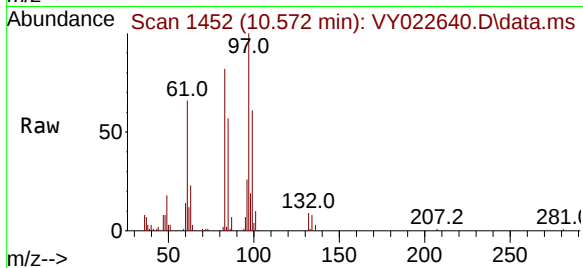




#55
1,1,2-Trichloroethane
Concen: 20.568 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

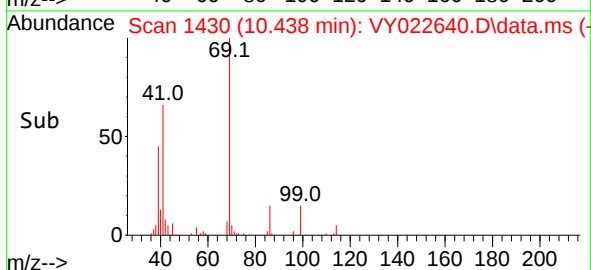
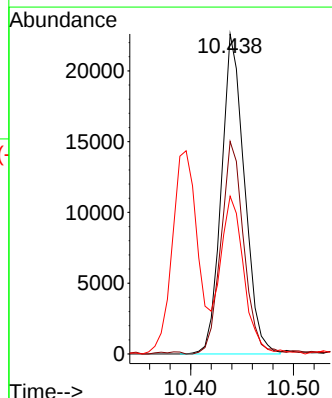
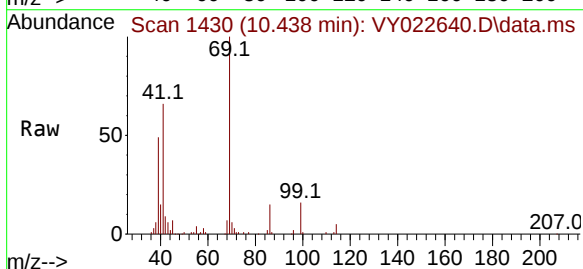
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

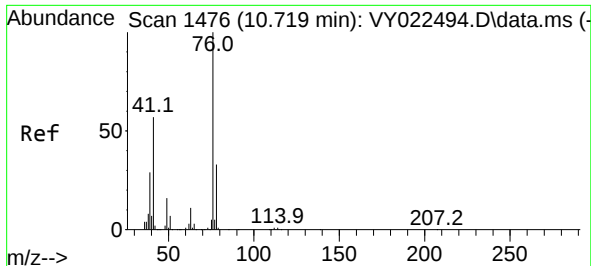
Tgt Ion: 97	Resp: 27580
Ion Ratio	Lower Upper
97 100	
83 82.2	68.1 102.1
85 56.9	48.2 72.2
99 60.9	49.5 74.3



#56
Ethyl methacrylate
Concen: 18.159 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 69	Resp: 35194
Ion Ratio	Lower Upper
69 100	
41 65.7	52.2 78.2
39 49.5	36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.937 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

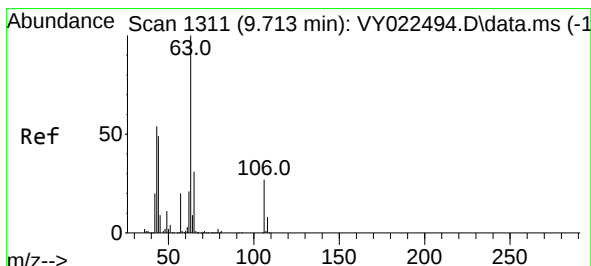
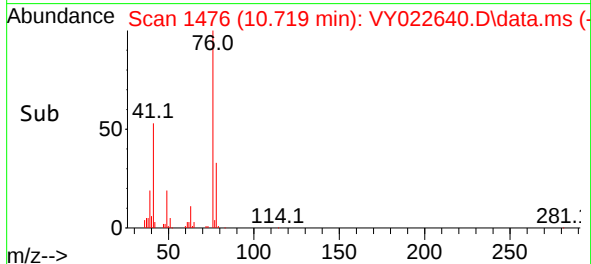
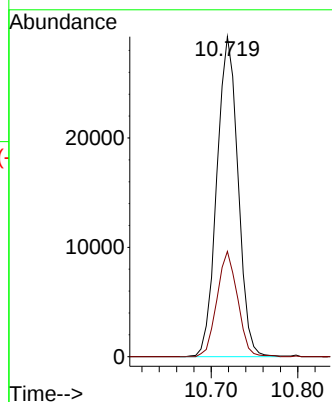
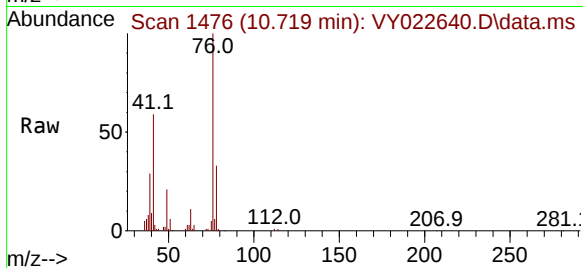
VY0610SBS01

Tgt Ion: 76 Resp: 49760

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.960 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022640.D

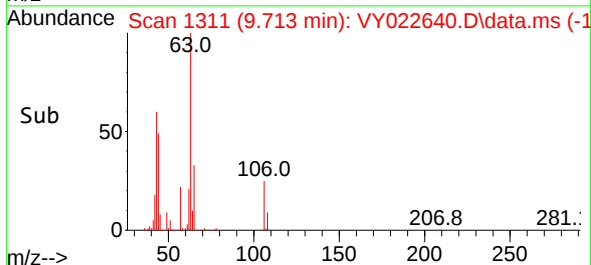
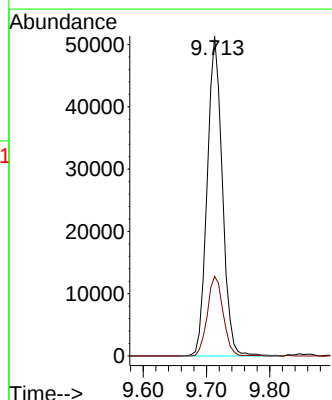
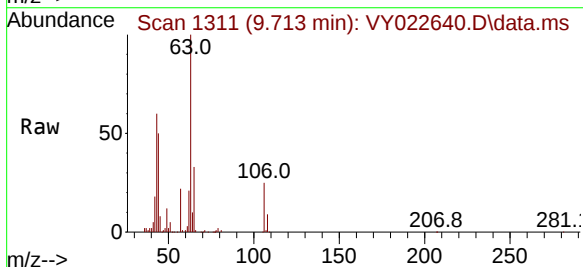
Acq: 10 Jun 2025 10:56

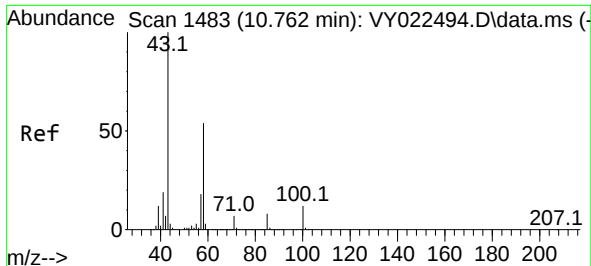
Tgt Ion: 63 Resp: 85318

Ion Ratio Lower Upper

63 100

106 26.0 21.6 32.4

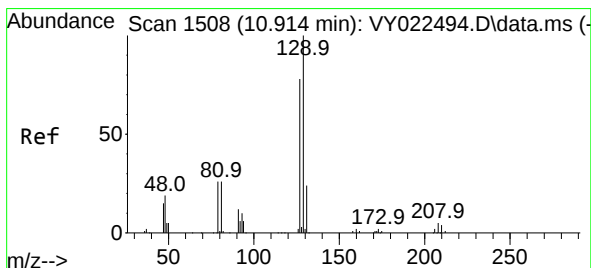
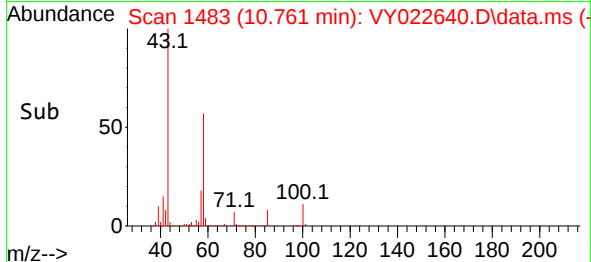
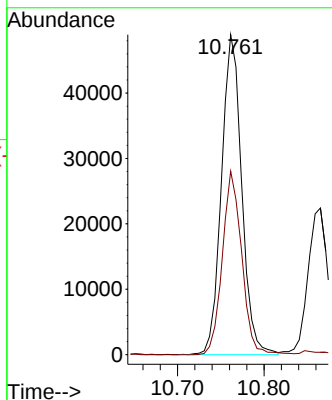
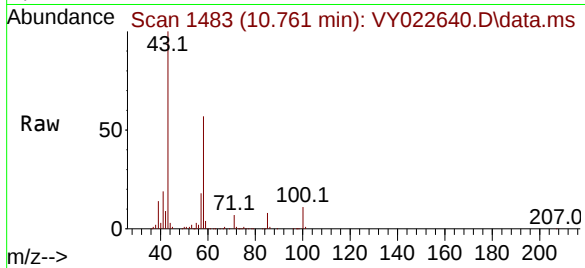




#59
2-Hexanone
Concen: 92.188 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

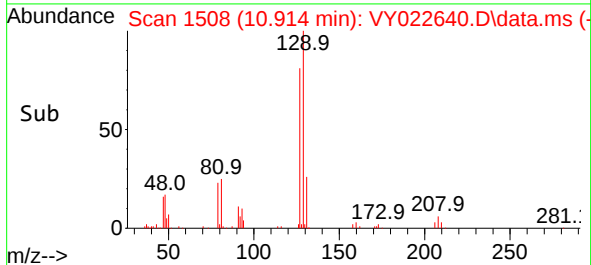
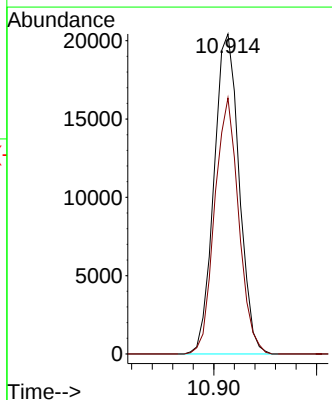
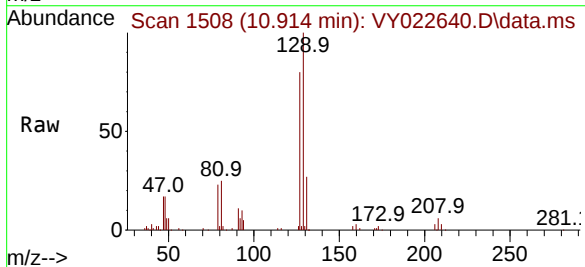
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

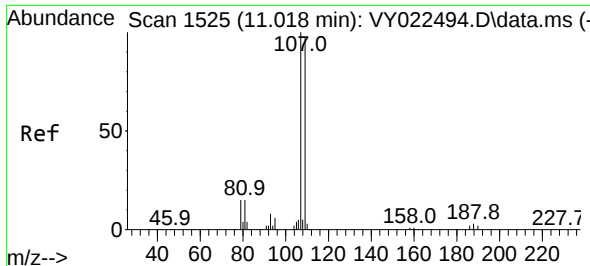
Tgt Ion: 43 Resp: 79279
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 20.362 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 129 Resp: 34698
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

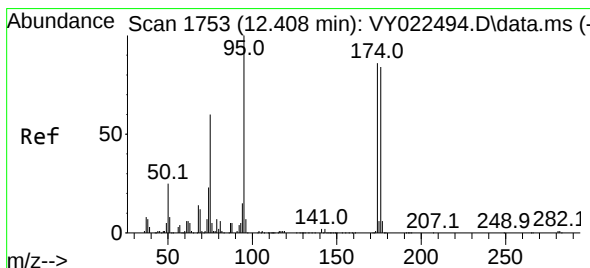
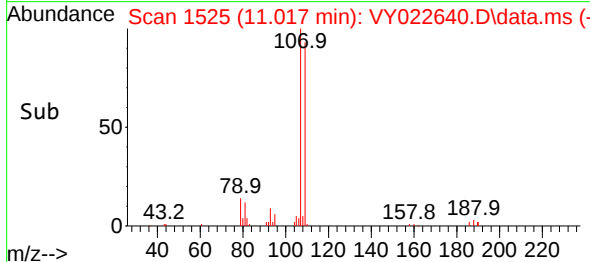
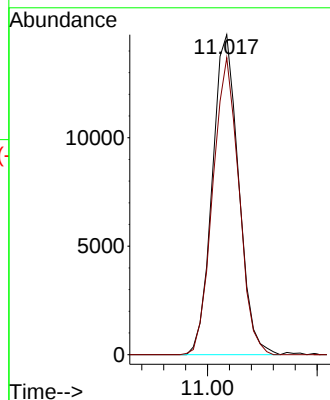
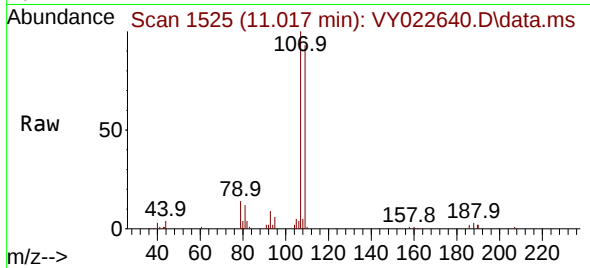




#61
1,2-Dibromoethane
Concen: 20.126 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

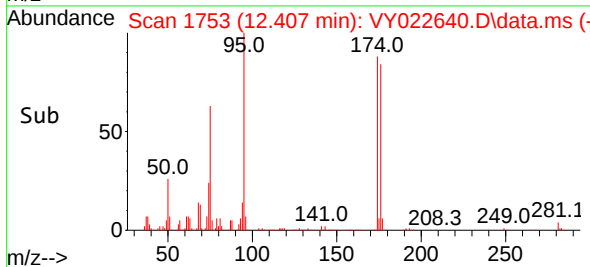
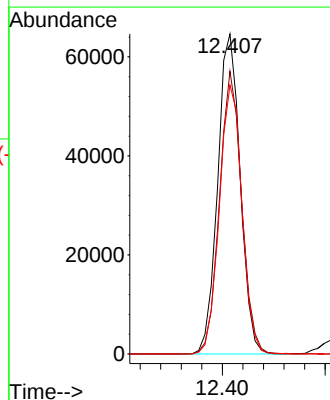
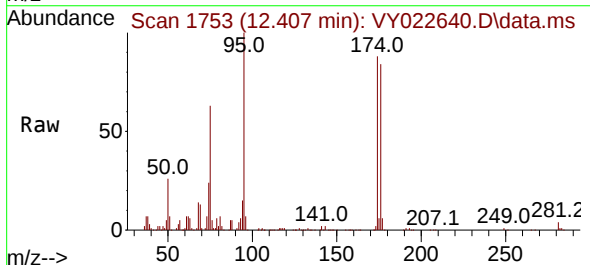
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

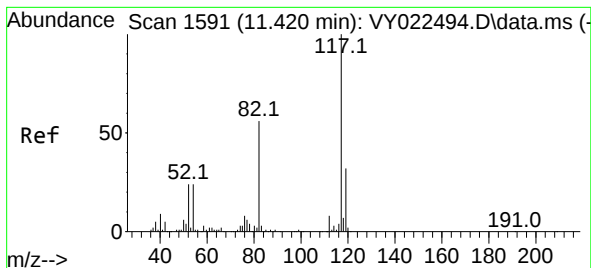
Tgt Ion:107 Resp: 24597
Ion Ratio Lower Upper
107 100
109 92.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.236 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 95 Resp: 97801
Ion Ratio Lower Upper
95 100
174 86.8 0.0 170.0
176 84.5 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

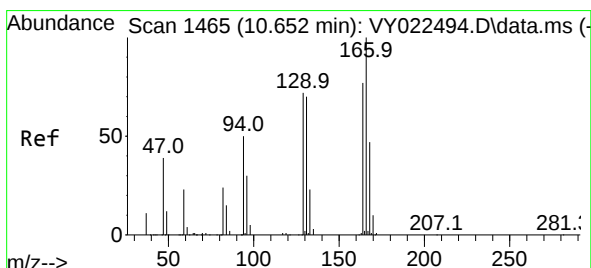
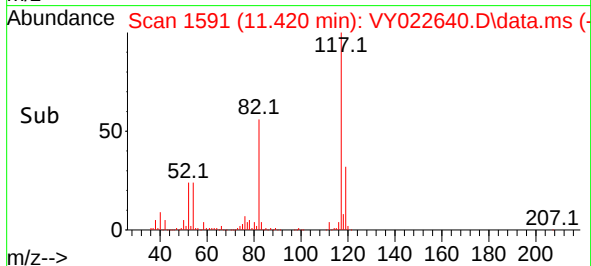
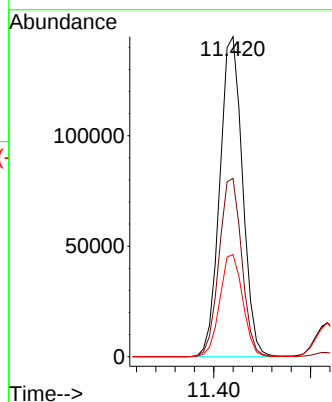
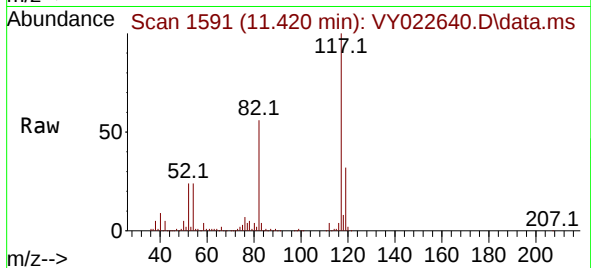
Tgt Ion:117 Resp: 235815

Ion Ratio Lower Upper

117 100

82 55.7 44.6 66.8

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 21.427 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Tgt Ion:164 Resp: 43465

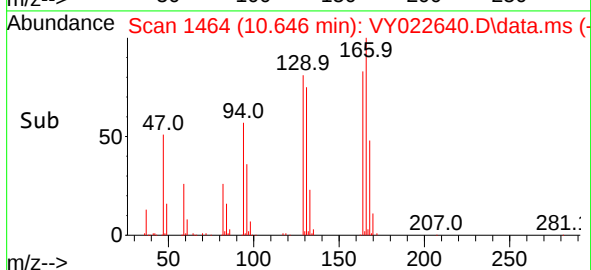
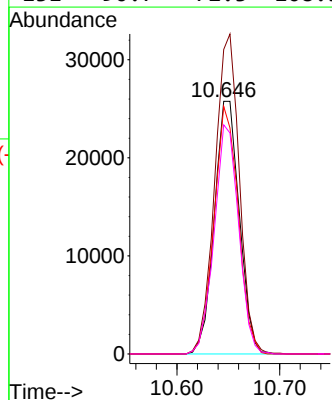
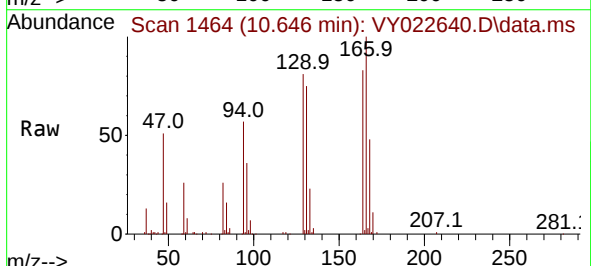
Ion Ratio Lower Upper

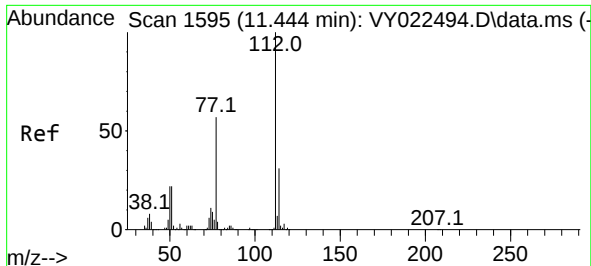
164 100

166 120.5 104.0 156.0

129 98.0 74.5 111.7

131 90.7 72.3 108.5

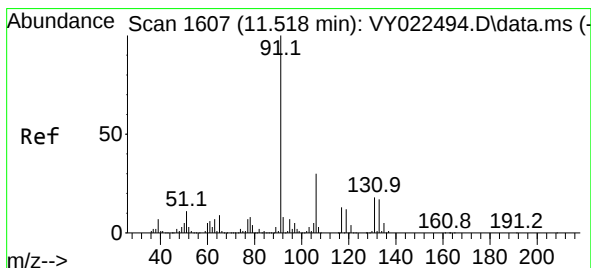
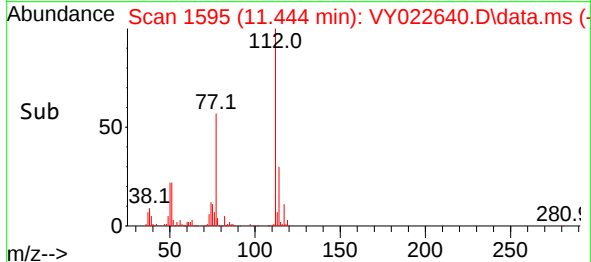
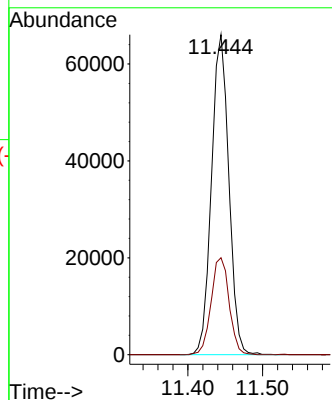
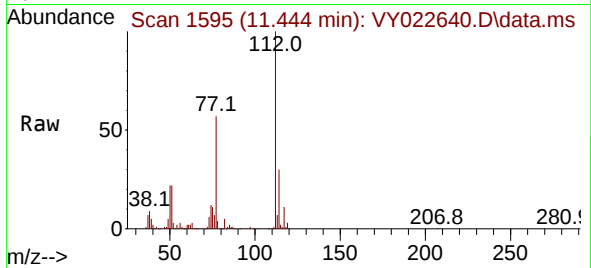




#65
Chlorobenzene
Concen: 20.445 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

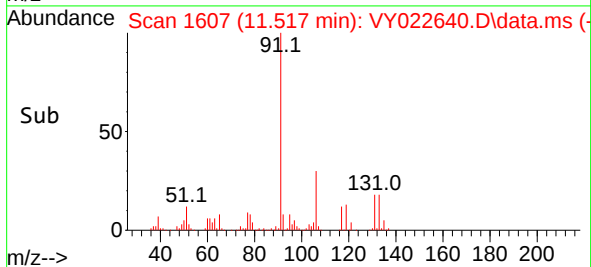
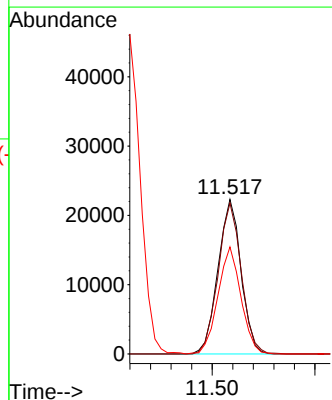
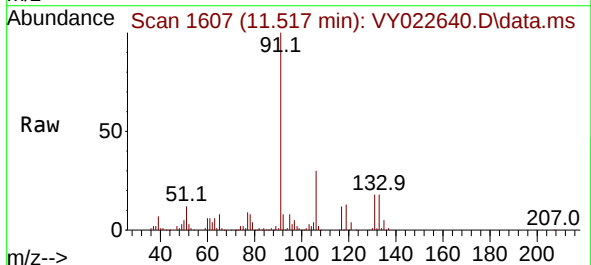
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

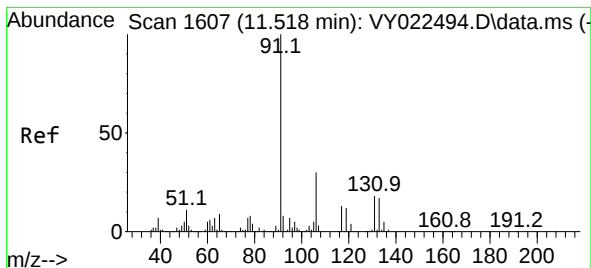
Tgt Ion:112 Resp: 106690
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.698 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:131 Resp: 34627
Ion Ratio Lower Upper
131 100
133 98.3 47.3 141.8
119 69.1 33.1 99.3





#67

Ethyl Benzene

Concen: 19.876 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

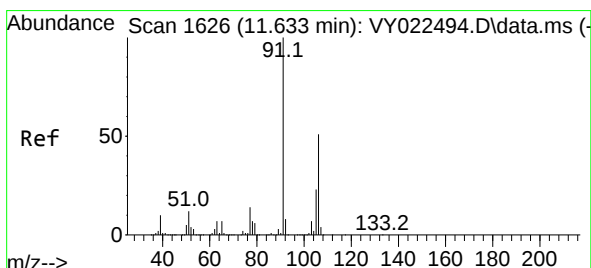
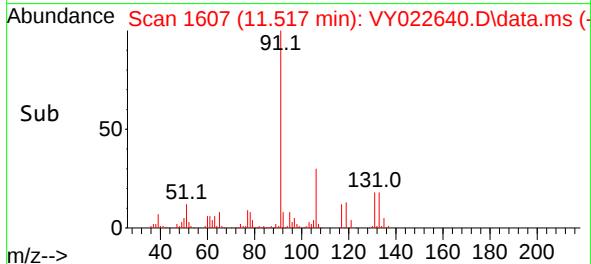
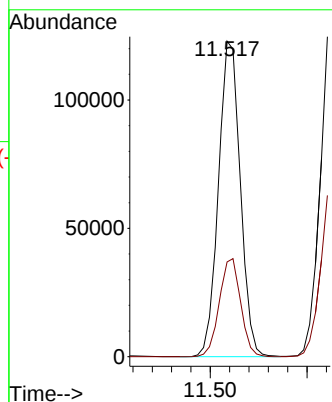
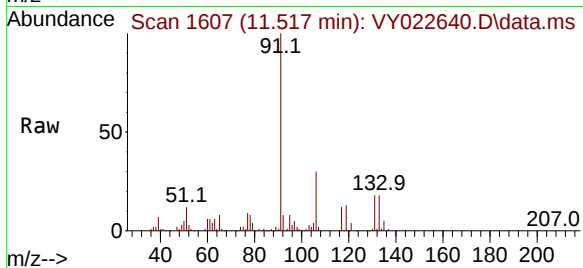
VY0610SBS01

Tgt Ion: 91 Resp: 192376

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.4



#68

m/p-Xylenes

Concen: 39.698 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022640.D

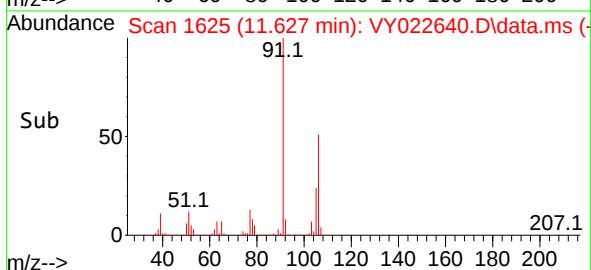
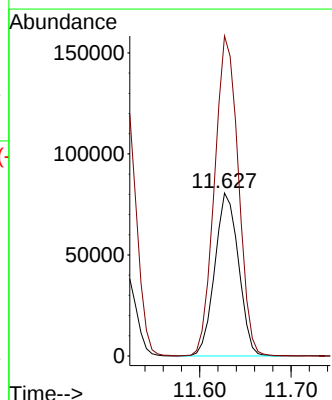
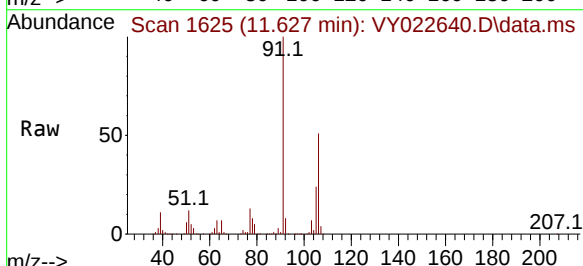
Acq: 10 Jun 2025 10:56

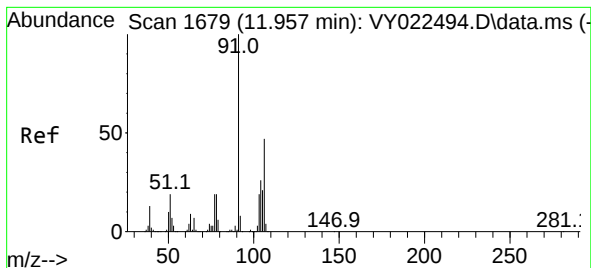
Tgt Ion:106 Resp: 145656

Ion Ratio Lower Upper

106 100

91 197.0 159.4 239.0

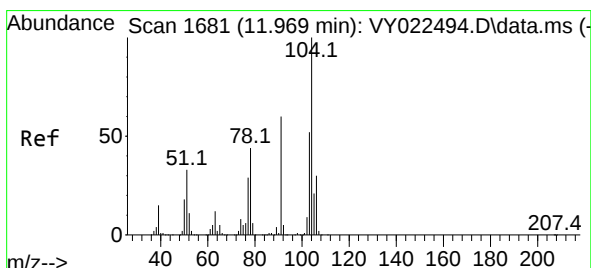
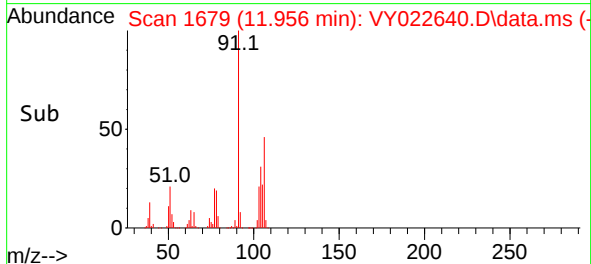
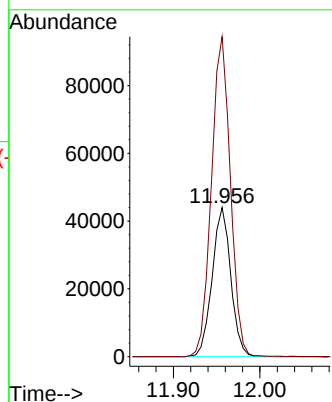
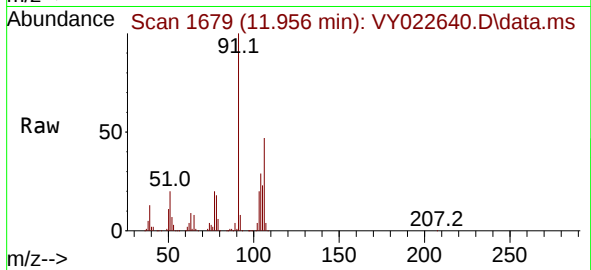




#69
o-Xylene
Concen: 19.102 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

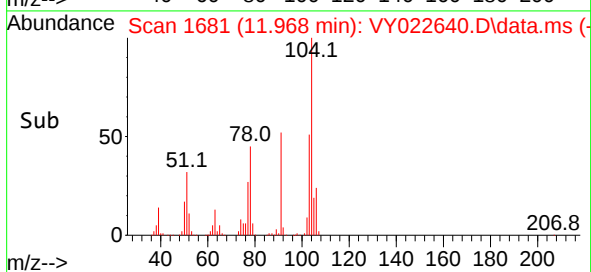
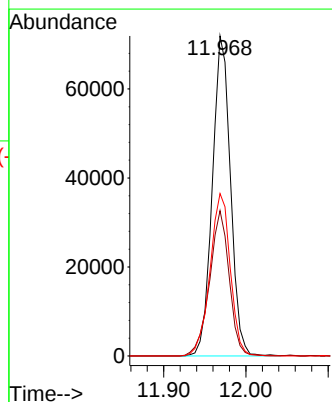
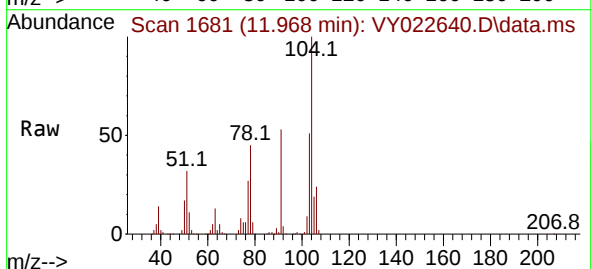
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

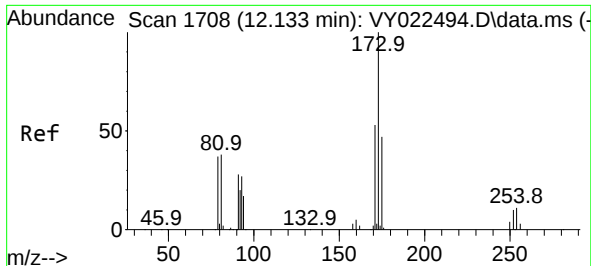
Tgt Ion:106 Resp: 65712
Ion Ratio Lower Upper
106 100
91 218.6 105.8 317.3



#70
Styrene
Concen: 19.382 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:104 Resp: 110213
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 56.6 44.1 66.1

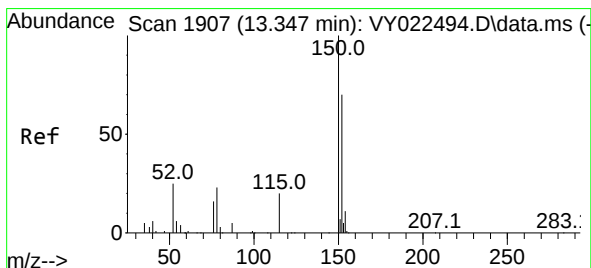
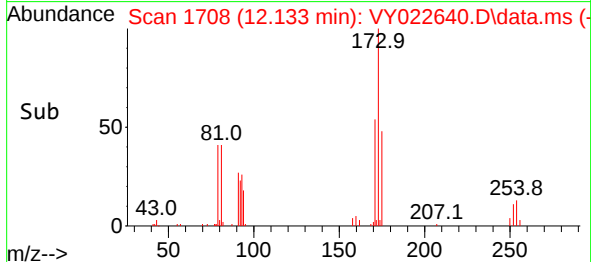
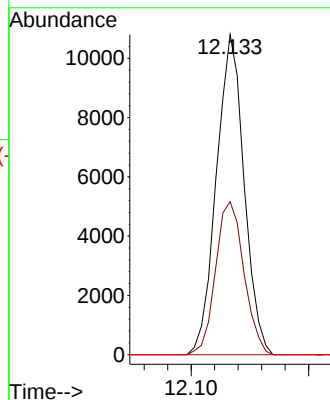
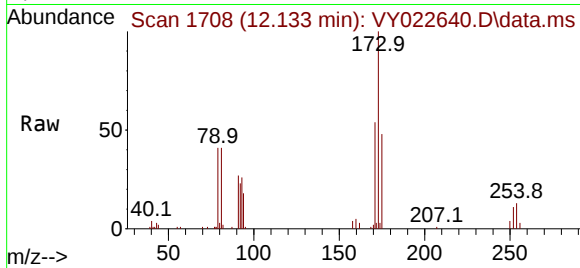




#71
Bromoform
Concen: 18.914 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

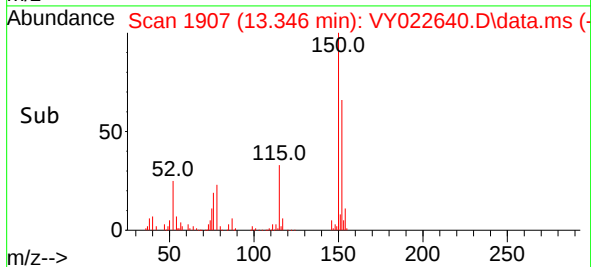
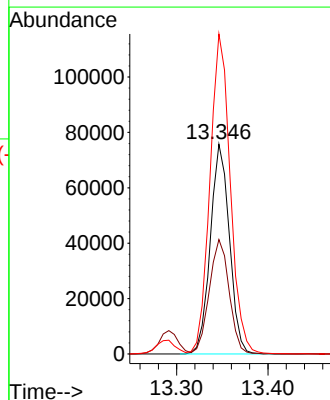
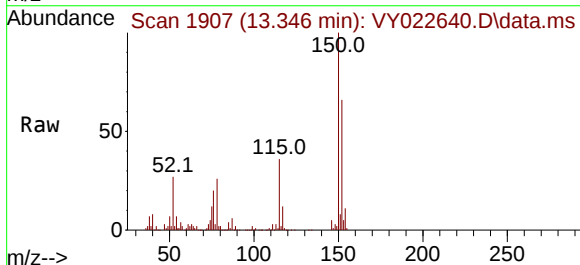
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

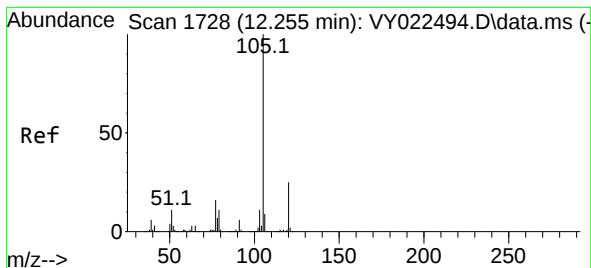
Tgt Ion:173 Resp: 17693
Ion Ratio Lower Upper
173 100
175 48.8 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:152 Resp: 109725
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 162.5 0.0 349.6





#73

Isopropylbenzene

Concen: 19.438 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

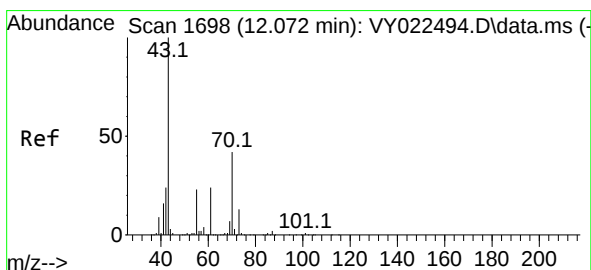
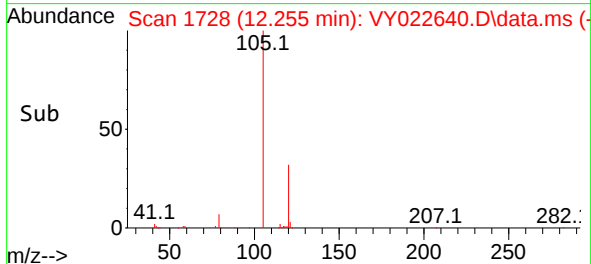
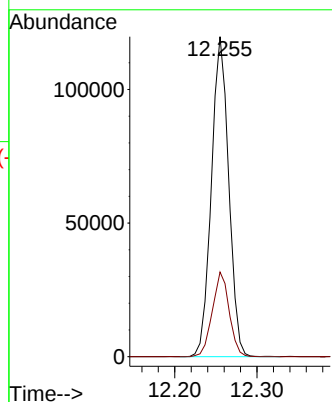
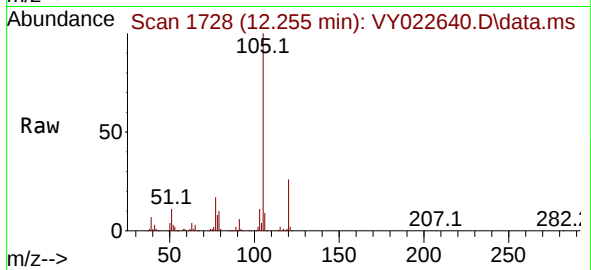
VY0610SBS01

Tgt Ion:105 Resp: 175103

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 17.073 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Tgt Ion: 43 Resp: 38808

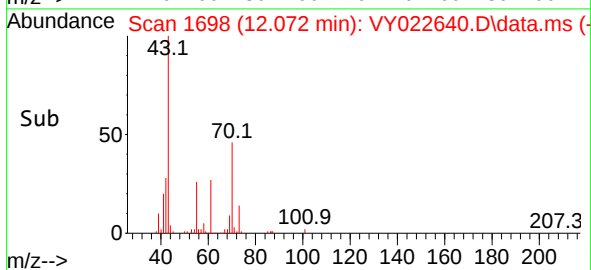
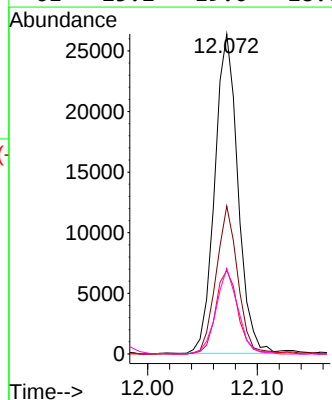
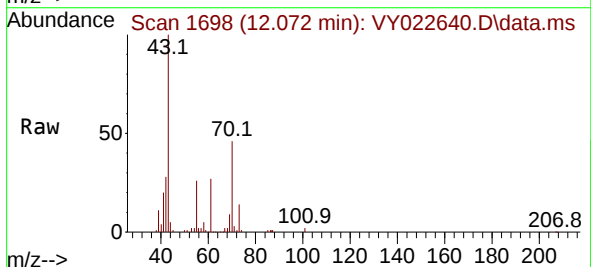
Ion Ratio Lower Upper

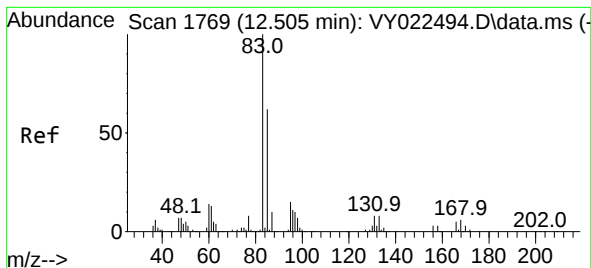
43 100

70 43.3 34.2 51.2

55 25.5 18.2 27.4

61 25.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.492 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

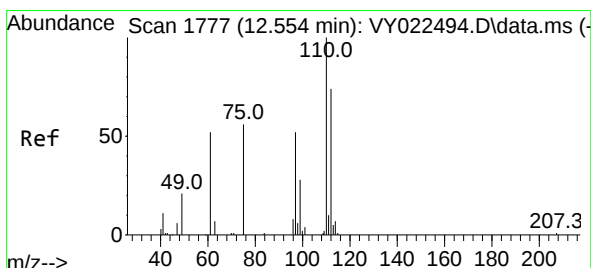
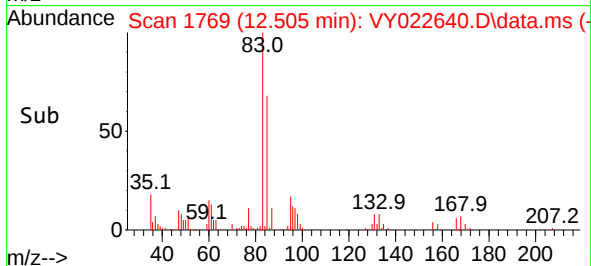
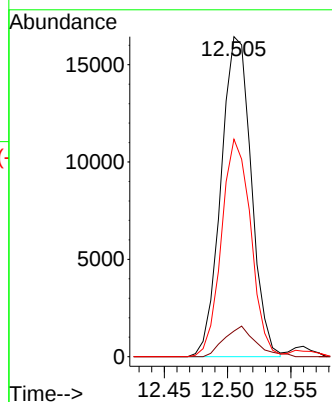
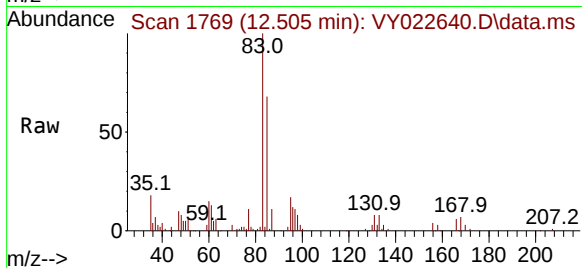
Tgt Ion: 83 Resp: 27341

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 65.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 31.589 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022640.D

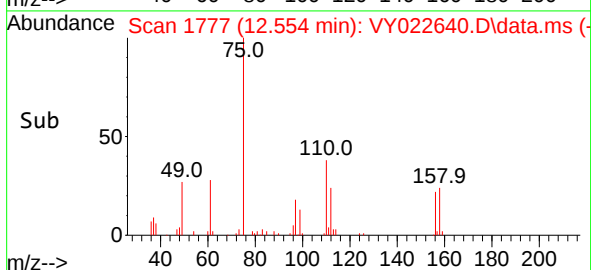
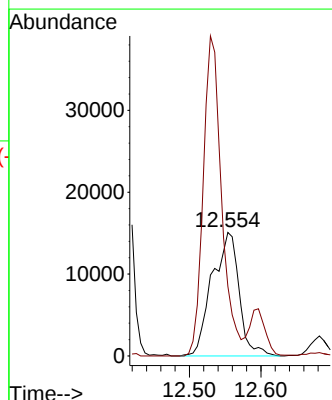
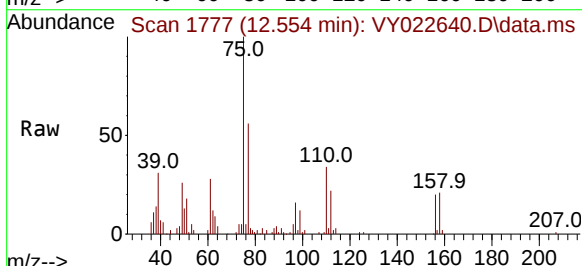
Acq: 10 Jun 2025 10:56

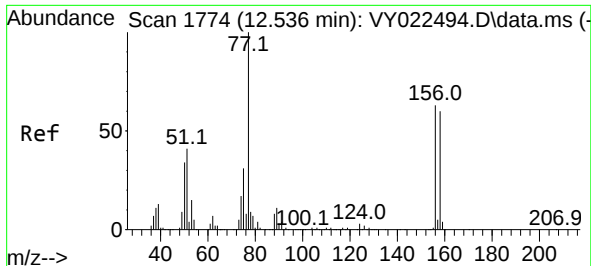
Tgt Ion: 75 Resp: 39653

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

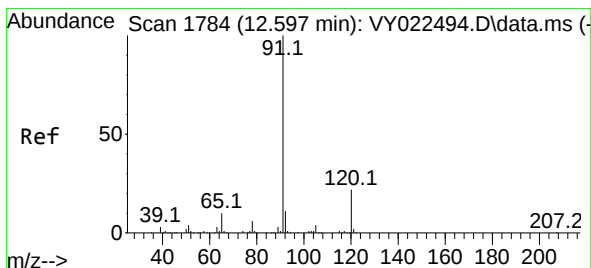
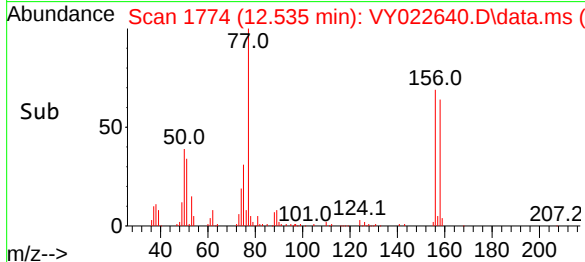
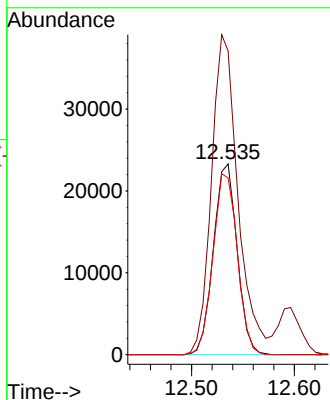
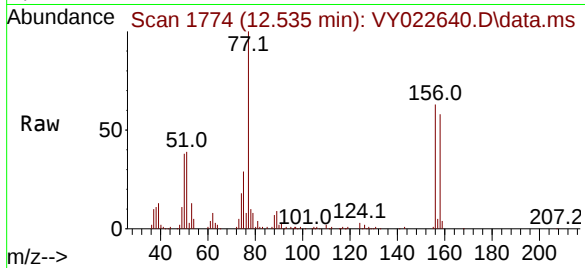




#77
Bromobenzene
Concen: 19.614 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

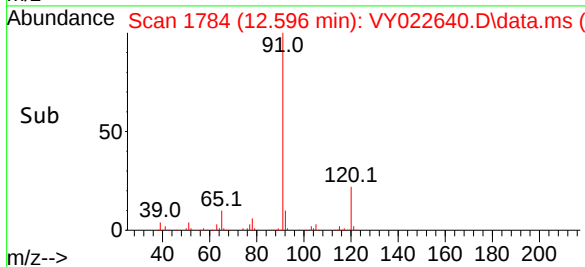
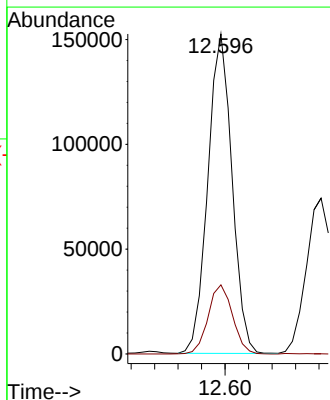
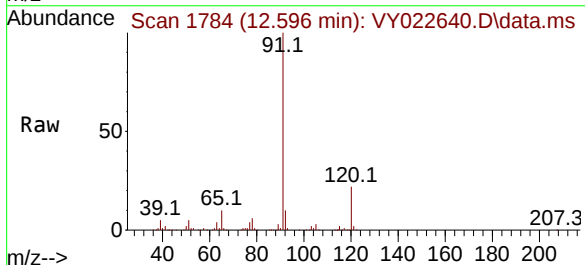
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

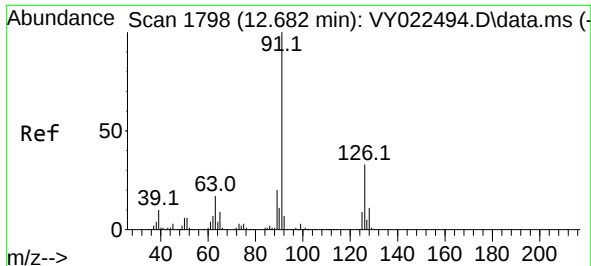
Tgt Ion:156 Resp: 37287
Ion Ratio Lower Upper
156 100
77 186.8 94.0 282.1
158 97.2 48.2 144.6



#78
n-propylbenzene
Concen: 19.750 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 91 Resp: 217303
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4

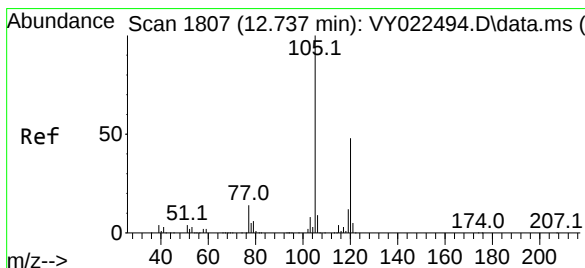
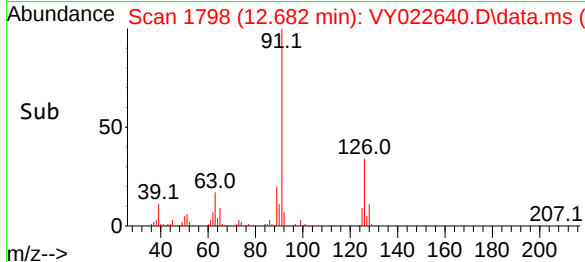
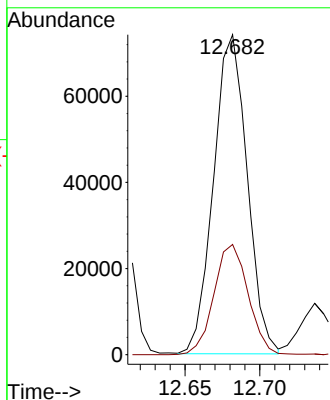
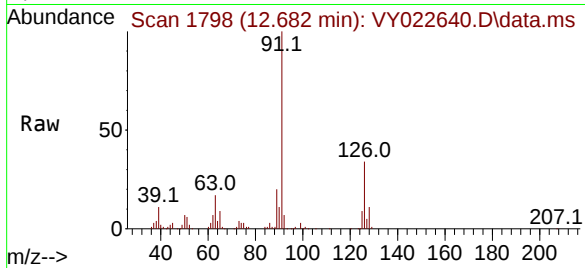




#79
2-Chlorotoluene
Concen: 19.876 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

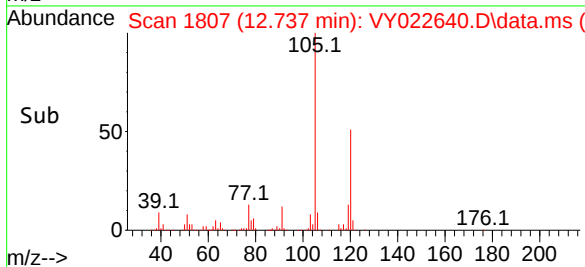
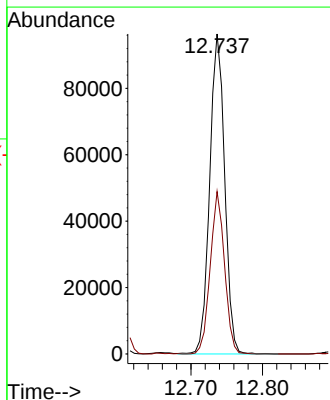
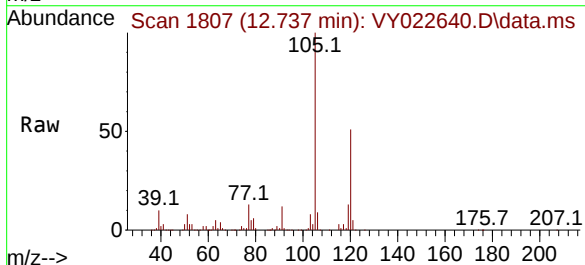
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

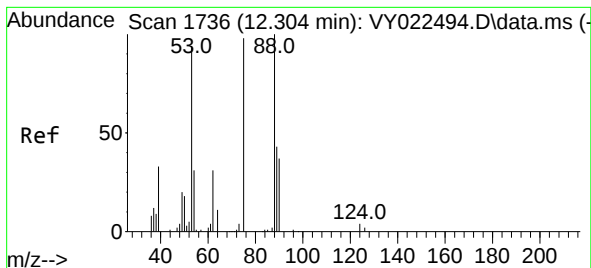
Tgt Ion: 91 Resp: 115909
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.811 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 105 Resp: 140110
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.4

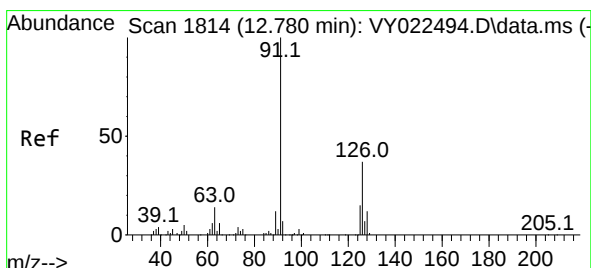
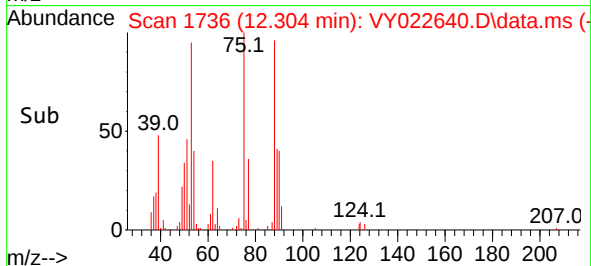
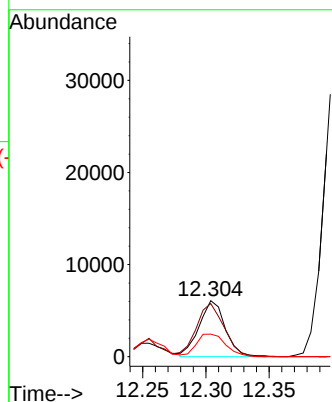
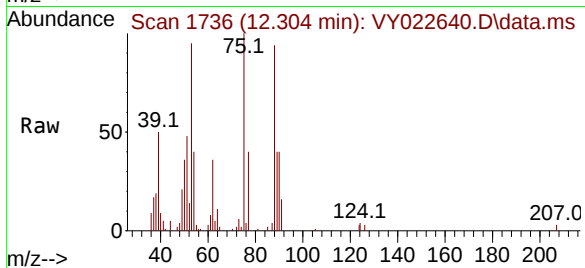




#81
trans-1,4-Dichloro-2-butene
Concen: 16.804 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

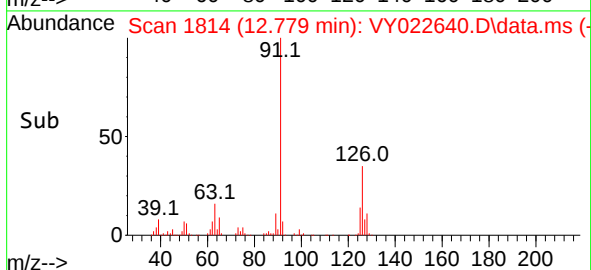
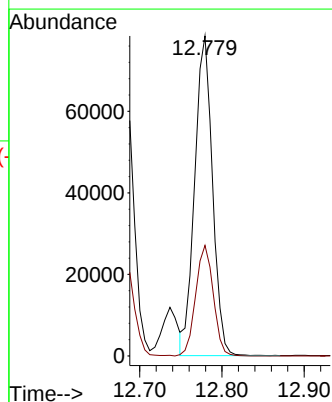
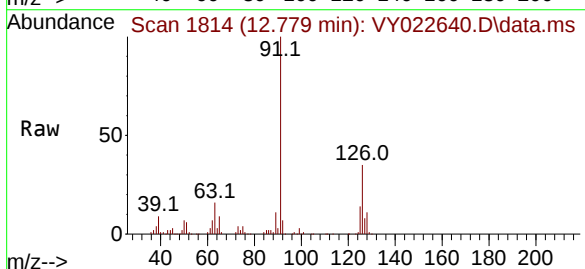
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

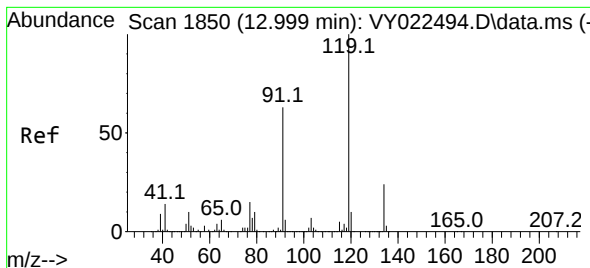
Tgt Ion: 75 Resp: 8735
Ion Ratio Lower Upper
75 100
53 101.9 78.5 117.7
89 45.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.576 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 91 Resp: 117763
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.374 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

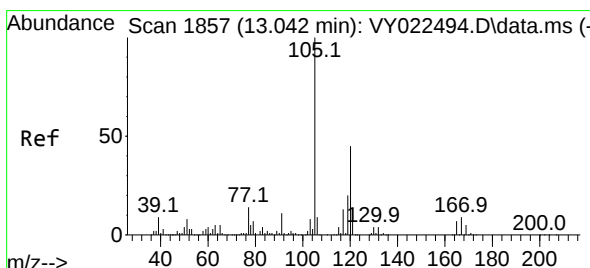
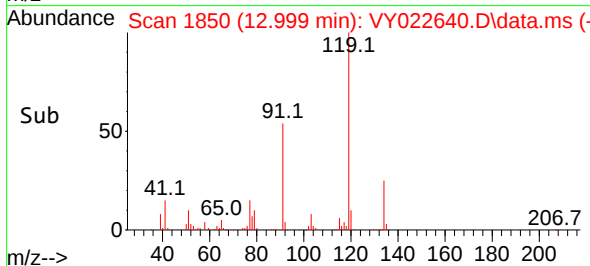
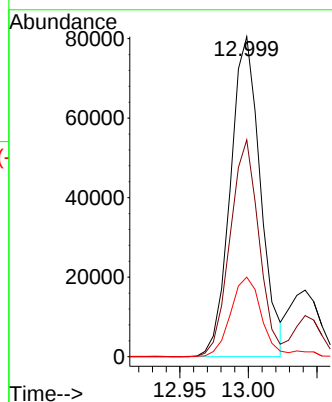
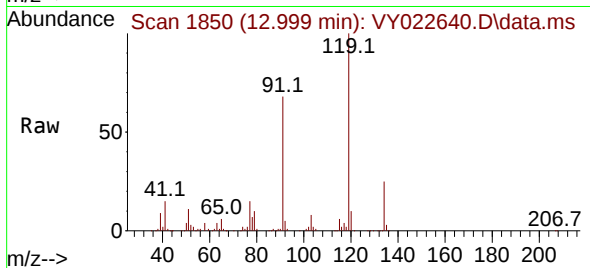
Tgt Ion:119 Resp: 122978

Ion Ratio Lower Upper

119 100

91 65.2 32.1 96.3

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.443 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022640.D

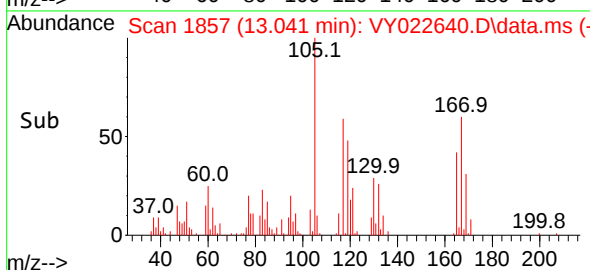
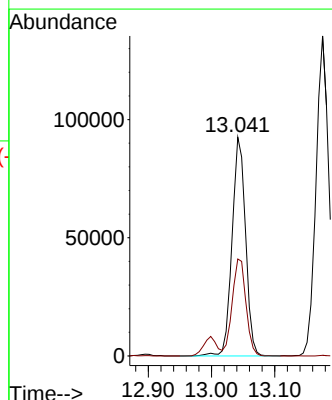
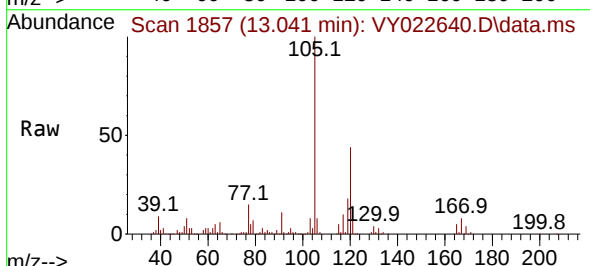
Acq: 10 Jun 2025 10:56

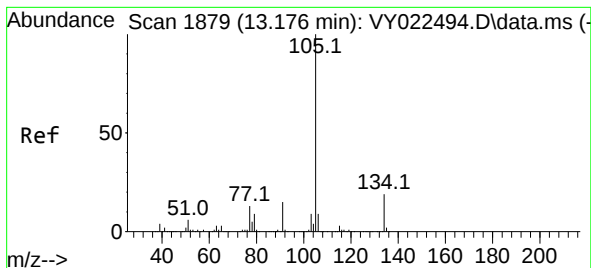
Tgt Ion:105 Resp: 137535

Ion Ratio Lower Upper

105 100

120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.753 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

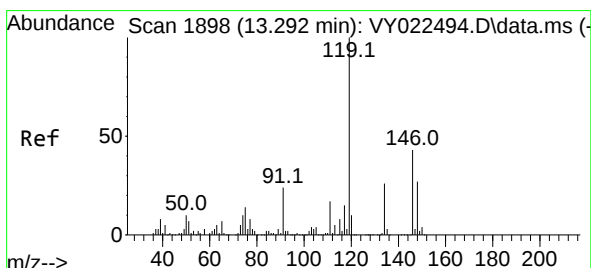
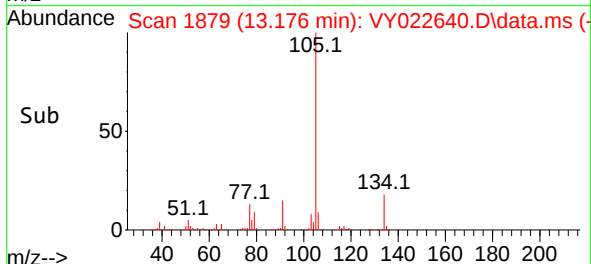
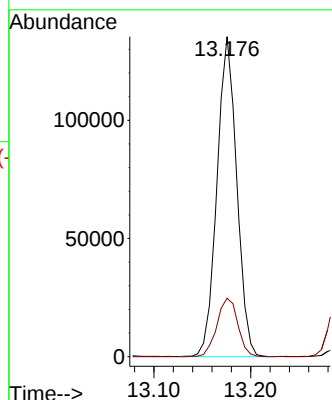
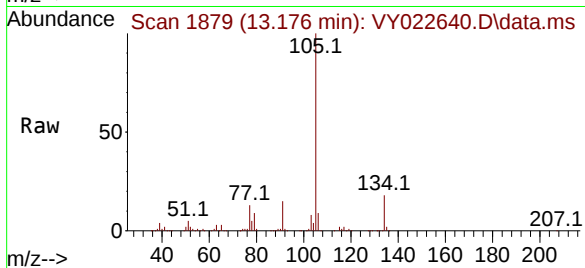
VY0610SBS01

Tgt Ion:105 Resp: 192035

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.088 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

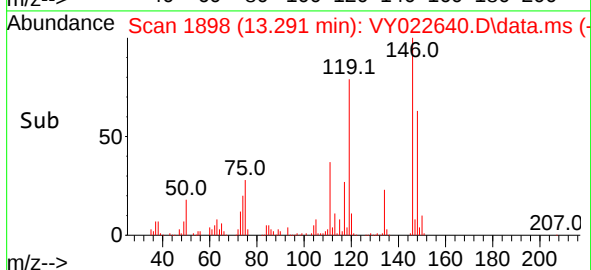
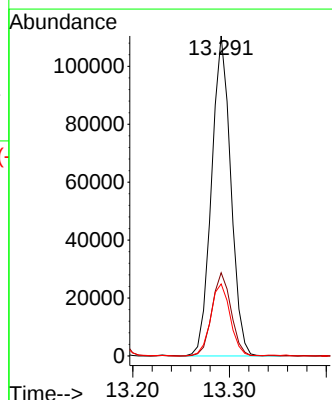
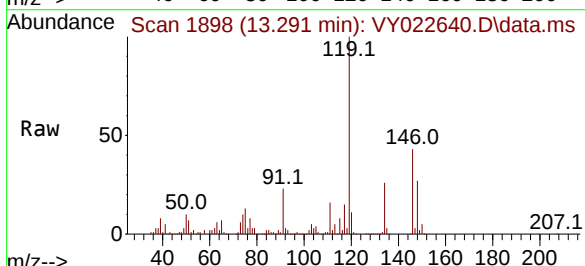
Tgt Ion:119 Resp: 152960

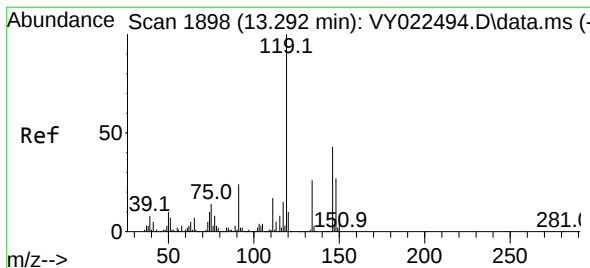
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.521 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

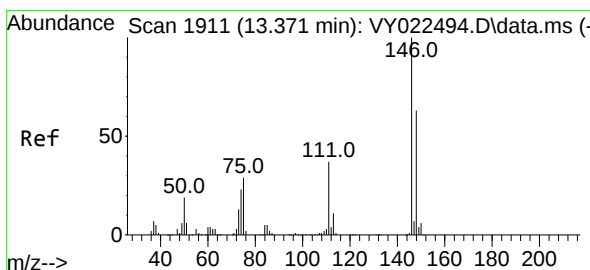
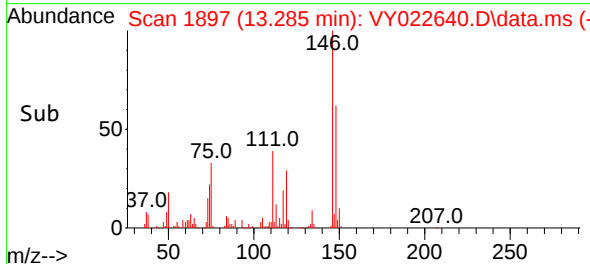
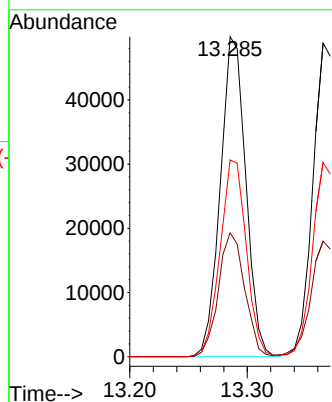
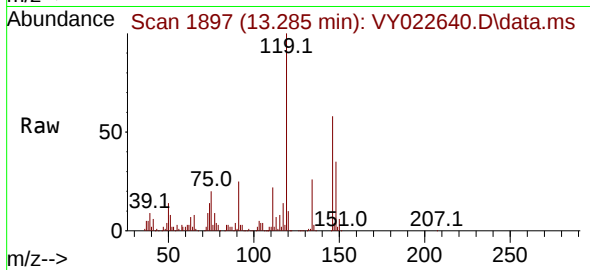
Tgt Ion:146 Resp: 75188

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.2

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.018 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

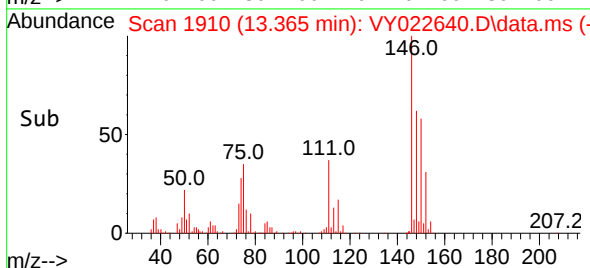
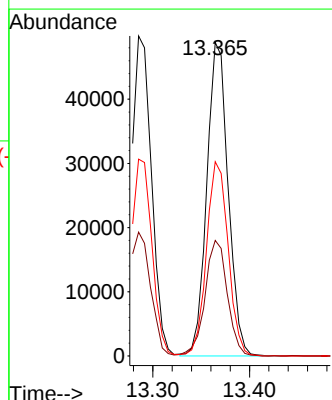
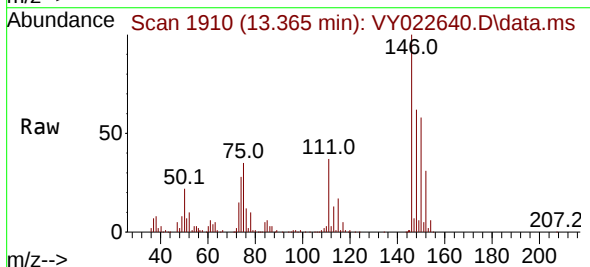
Tgt Ion:146 Resp: 74781

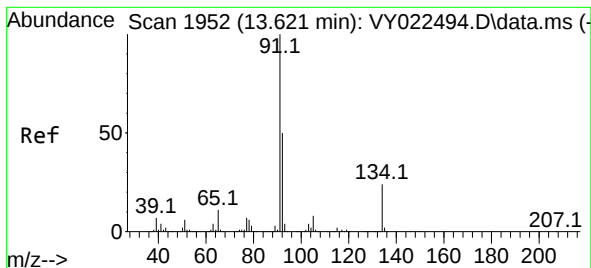
Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 19.746 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

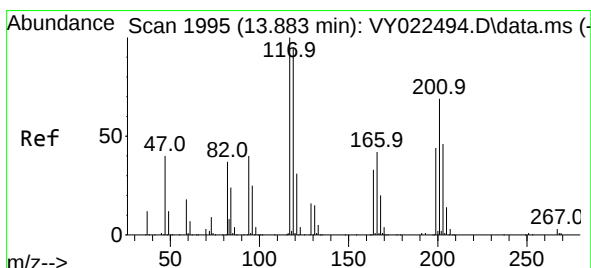
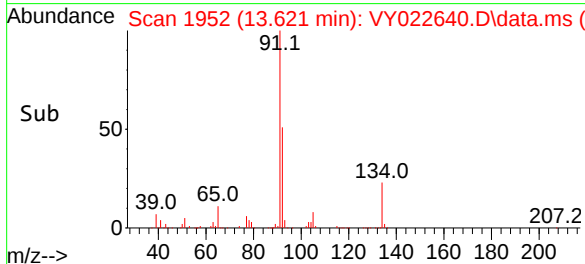
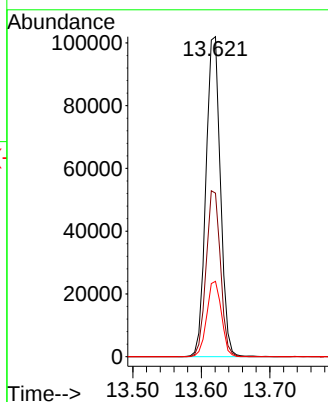
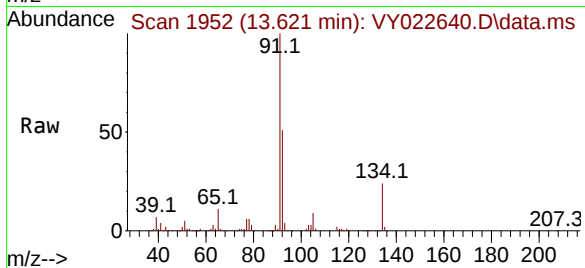
Tgt Ion: 91 Resp: 150124

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

134 23.9 12.0 36.1



#90

Hexachloroethane

Concen: 19.550 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY022640.D

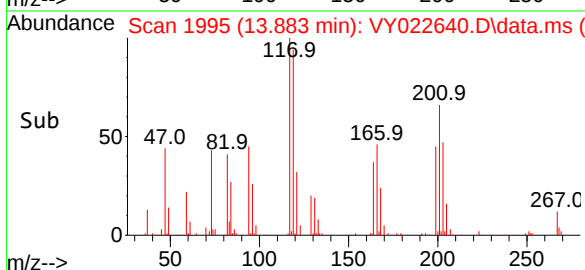
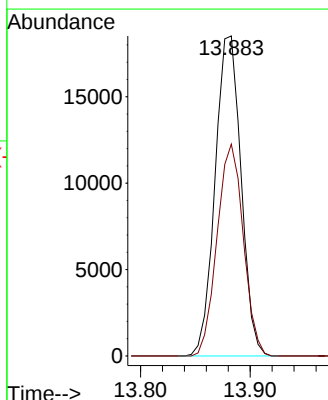
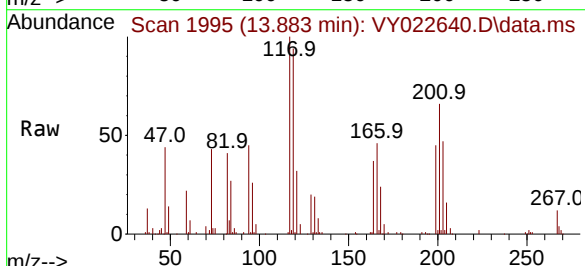
Acq: 10 Jun 2025 10:56

Tgt Ion: 117 Resp: 30499

Ion Ratio Lower Upper

117 100

201 66.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 19.852 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

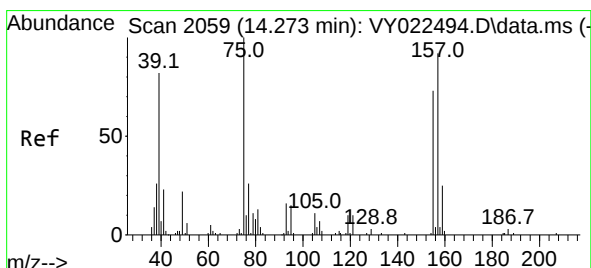
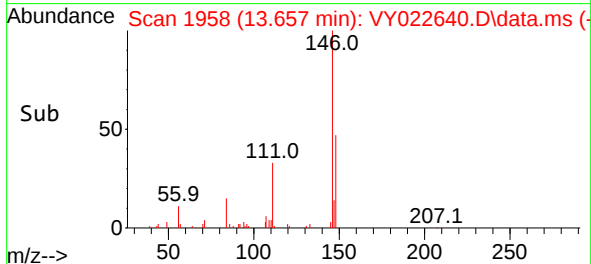
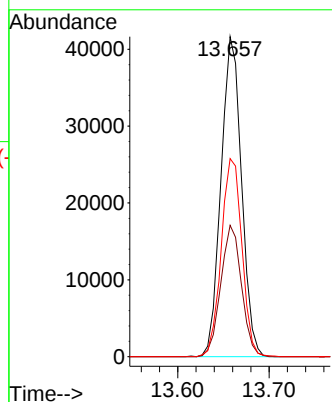
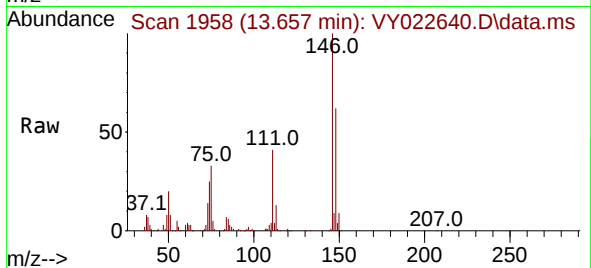
Tgt Ion:146 Resp: 64919

Ion Ratio Lower Upper

146 100

111 41.5 20.2 60.6

148 62.4 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.092 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

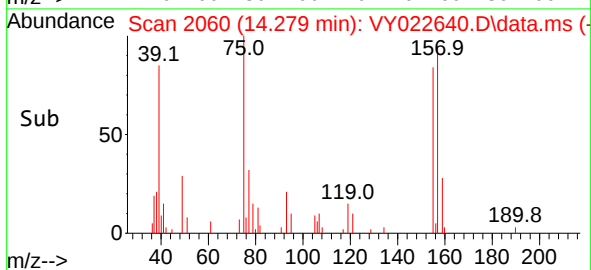
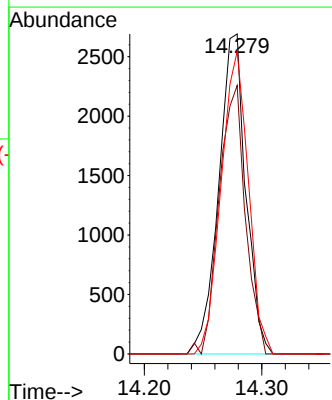
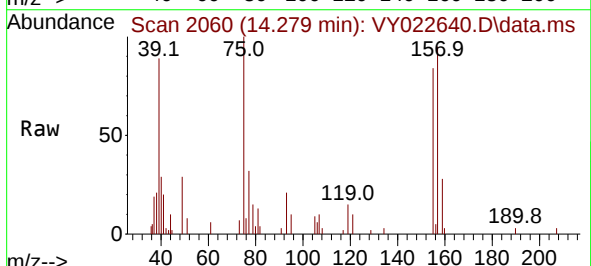
Tgt Ion: 75 Resp: 4325

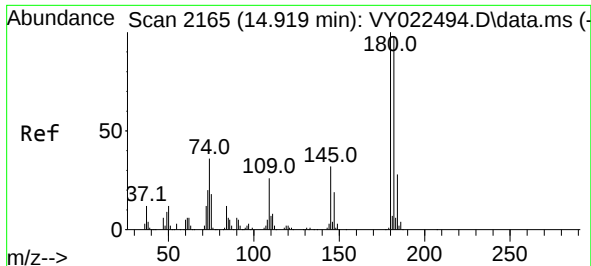
Ion Ratio Lower Upper

75 100

155 81.2 39.9 119.6

157 94.6 54.0 162.0

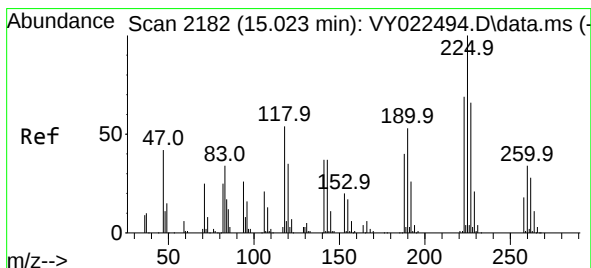
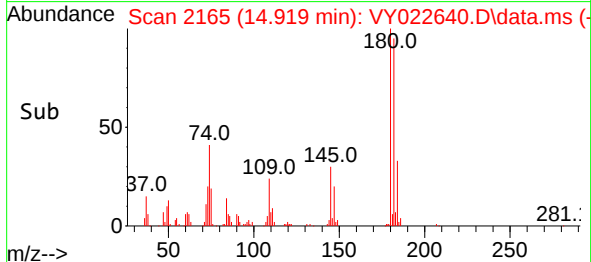
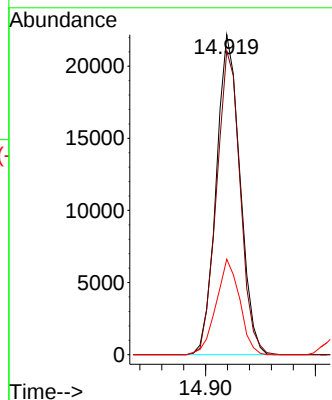
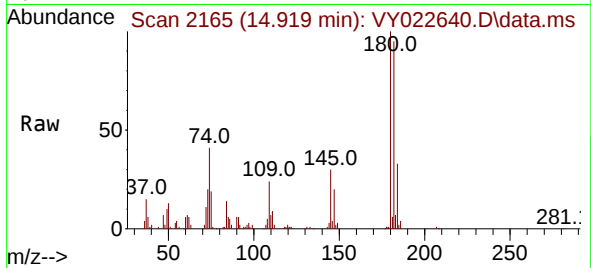




#93
1,2,4-Trichlorobenzene
Concen: 18.702 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

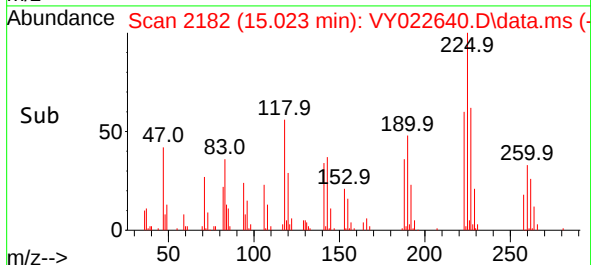
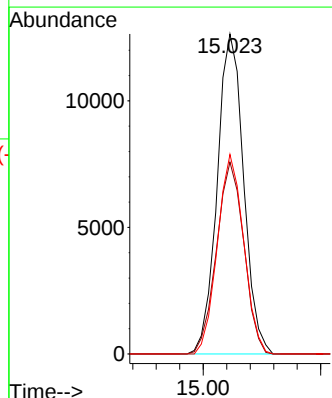
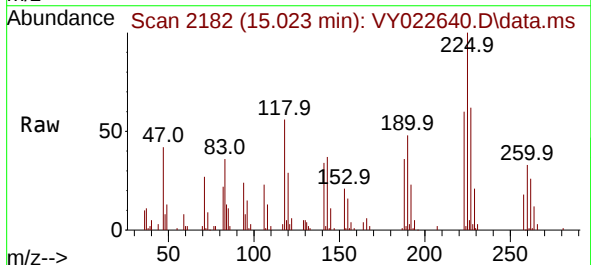
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

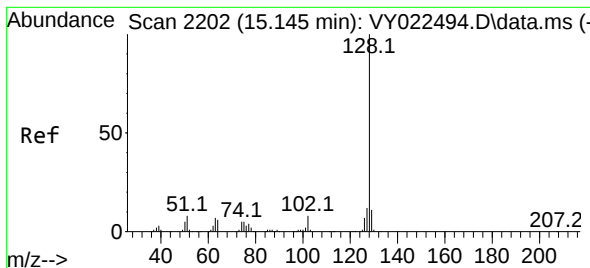
Tgt Ion:180 Resp: 33355
Ion Ratio Lower Upper
180 100
182 94.5 48.4 145.3
145 29.6 15.5 46.5



#94
Hexachlorobutadiene
Concen: 20.079 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:225 Resp: 19765
Ion Ratio Lower Upper
225 100
223 61.8 32.5 97.4
227 61.9 32.3 96.9





#95

Naphthalene

Concen: 17.640 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

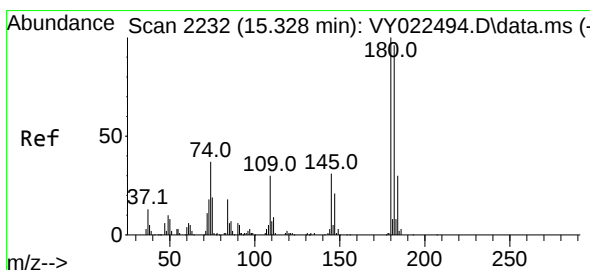
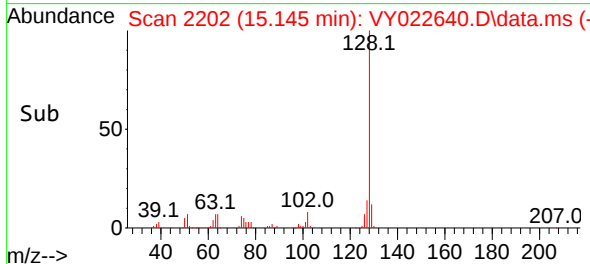
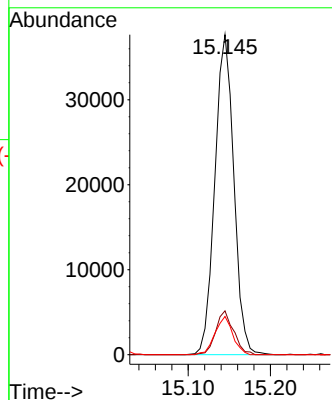
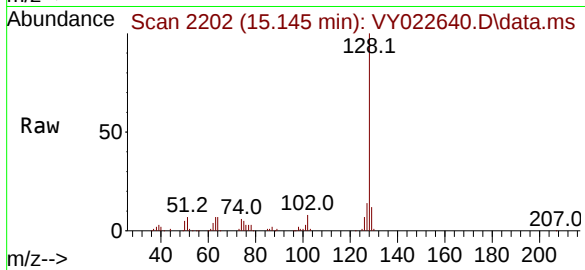
Tgt Ion:128 Resp: 60375

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.537 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Tgt Ion:180 Resp: 28334

Ion Ratio Lower Upper

180 100

182 97.7 47.1 141.3

145 29.0 15.2 45.6

