

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022731.D
 Acq On : 18 Jun 2025 11:14
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Quant Time: Jun 19 03:58:16 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	139098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	235183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	196605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	91586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	78331	50.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.700%	
35) Dibromofluoromethane	7.640	113	73636	52.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.109	98	285718	50.373	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	12.401	95	80159	47.432	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	25978	20.860	ug/l	100
3) Chloromethane	2.068	50	73214	19.900	ug/l	98
4) Vinyl Chloride	2.202	62	99660	23.351	ug/l	97
5) Bromomethane	2.592	94	97187	23.758	ug/l	98
6) Chloroethane	2.732	64	73411	25.060	ug/l	97
7) Trichlorofluoromethane	3.049	101	88784	24.504	ug/l	99
8) Diethyl Ether	3.458	74	17800	21.815	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.811	101	33175	21.740	ug/l	99
10) Methyl Iodide	4.006	142	31517	19.085	ug/l	99
11) Tert butyl alcohol	4.872	59	12752	114.763	ug/l	97
12) 1,1-Dichloroethene	3.787	96	31764	21.776	ug/l	99
13) Acrolein	3.659	56	8869	64.046	ug/l	99
14) Allyl chloride	4.384	41	45050	19.673	ug/l	97
15) Acrylonitrile	5.061	53	37465	108.414	ug/l	99
16) Acetone	3.878	43	43368	137.264	ug/l	99
17) Carbon Disulfide	4.110	76	92655	19.841	ug/l	98
18) Methyl Acetate	4.397	43	20805	22.237	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	85027	20.695	ug/l	93
20) Methylene Chloride	4.616	84	40417	22.520	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	35329	21.640	ug/l	92
22) Diisopropyl ether	6.018	45	109995	21.580	ug/l	94
23) Vinyl Acetate	5.963	43	310552	102.939	ug/l	97
24) 1,1-Dichloroethane	5.921	63	68155	22.697	ug/l	97
25) 2-Butanone	6.896	43	55393	121.546	ug/l	99
26) 2,2-Dichloropropane	6.890	77	56992	21.481	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	41704	22.101	ug/l	99
28) Bromochloromethane	7.250	49	28037	21.419	ug/l	99
29) Tetrahydrofuran	7.268	42	31776	108.105	ug/l	99
30) Chloroform	7.420	83	67181	22.588	ug/l	93
31) Cyclohexane	7.707	56	57535	19.246	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	59116	22.390	ug/l	99
36) 1,1-Dichloropropene	7.841	75	49465	21.711	ug/l	98
37) Ethyl Acetate	6.988	43	21840	21.496	ug/l	99
38) Carbon Tetrachloride	7.823	117	50952	21.800	ug/l	95
39) Methylcyclohexane	9.109	83	59369	19.391	ug/l	94
40) Benzene	8.085	78	149009	22.144	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	9195	15.494	ug/l #	75
42) 1,2-Dichloroethane	8.164	62	41629	22.657	ug/l	98
43) Isopropyl Acetate	8.201	43	46110	21.013	ug/l	98
44) Trichloroethene	8.865	130	36147	21.979	ug/l	96
45) 1,2-Dichloropropane	9.140	63	35837	22.534	ug/l	98
46) Dibromomethane	9.231	93	20158	22.530	ug/l	98
47) Bromodichloromethane	9.426	83	51304	22.615	ug/l	96
48) Methyl methacrylate	9.225	41	21086	20.475	ug/l	98
49) 1,4-Dioxane	9.231	88	4154	391.904	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	117304	107.224	ug/l	99
52) Toluene	10.170	92	91968	21.748	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	43855	20.632	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	52658	21.281	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	26062	22.844	ug/l	96
56) Ethyl methacrylate	10.438	69	31898	19.345	ug/l	97
57) 1,3-Dichloropropane	10.713	76	44659	22.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	83294	111.260	ug/l	99
59) 2-Hexanone	10.761	43	82208	112.357	ug/l	98
60) Dibromochloromethane	10.914	129	31634	21.819	ug/l	100
61) 1,2-Dibromoethane	11.011	107	23900	22.985	ug/l	93
64) Tetrachloroethene	10.645	164	43027	25.441	ug/l	96
65) Chlorobenzene	11.438	112	95201	21.882	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	32020	21.848	ug/l	99
67) Ethyl Benzene	11.517	91	169464	21.001	ug/l	99
68) m/p-Xylenes	11.627	106	126626	41.394	ug/l	100
69) o-Xylene	11.950	106	59531	20.757	ug/l	100
70) Styrene	11.968	104	100250	21.146	ug/l	99
71) Bromoform	12.127	173	17431	22.350	ug/l #	99
73) Isopropylbenzene	12.255	105	156245	20.779	ug/l	99
74) N-amyl acetate	12.066	43	39120	20.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	25155	20.383	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	38370	36.620	ug/l #	100
77) Bromobenzene	12.529	156	33559	21.150	ug/l	97
78) n-propylbenzene	12.596	91	192441	20.954	ug/l	100
79) 2-Chlorotoluene	12.676	91	101139	20.778	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	122879	20.815	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	9028	20.808	ug/l	95
82) 4-Chlorotoluene	12.773	91	104527	20.817	ug/l	97
83) tert-Butylbenzene	12.993	119	111402	21.026	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	121251	20.536	ug/l	99
85) sec-Butylbenzene	13.169	105	168515	20.767	ug/l	99
86) p-Isopropyltoluene	13.291	119	135623	20.277	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	68068	21.173	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	67350	21.599	ug/l	98
89) n-Butylbenzene	13.614	91	130243	20.524	ug/l	99
90) Hexachloroethane	13.877	117	28429	21.832	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	58779	21.534	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4232	23.553	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	30985	20.814	ug/l	97
94) Hexachlorobutadiene	15.023	225	17137	20.857	ug/l	98
95) Naphthalene	15.145	128	57453	20.111	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	27582	21.619	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

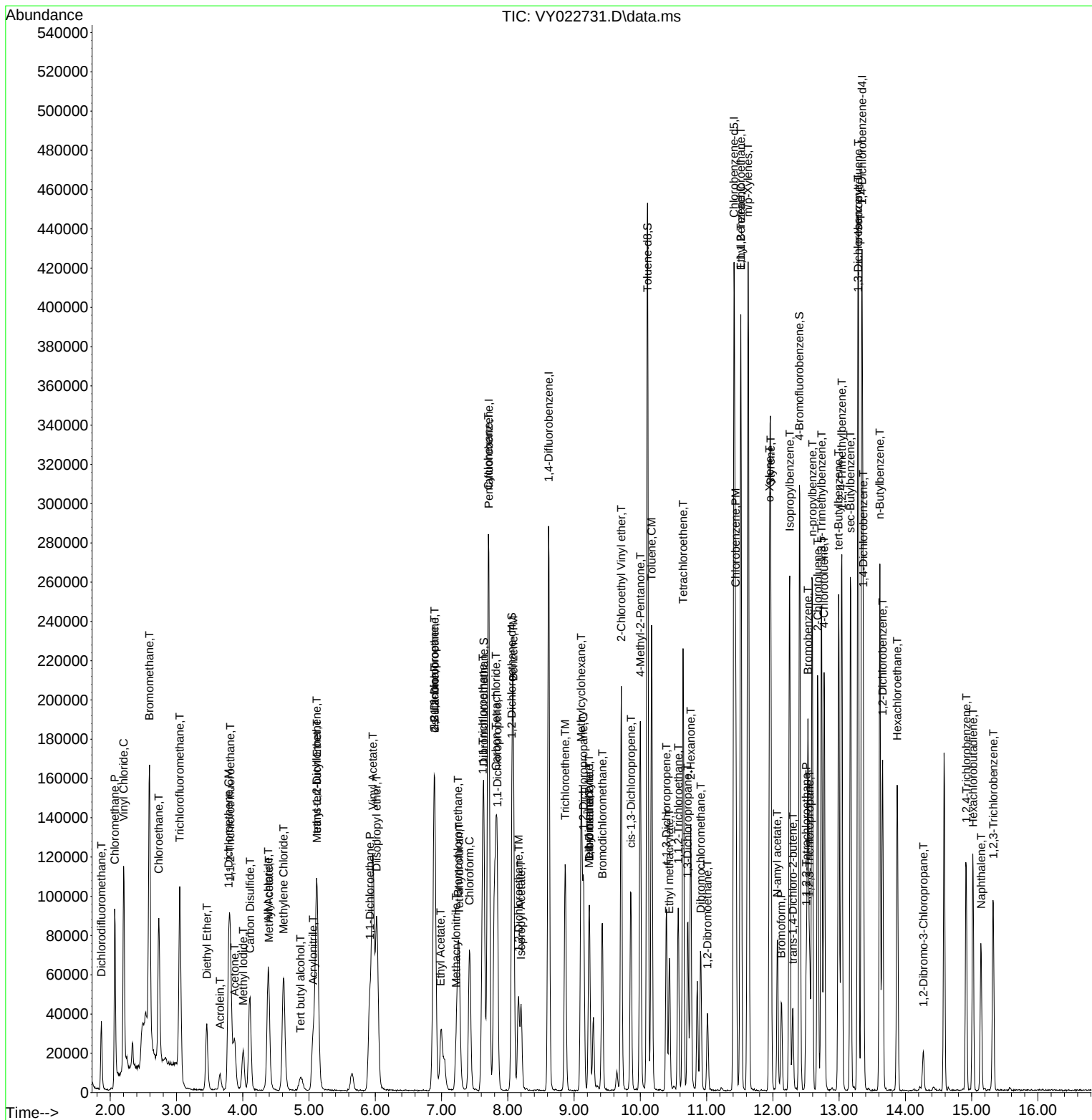
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MSVOA_Y
ClientSampleId :
VY0618SBSD01

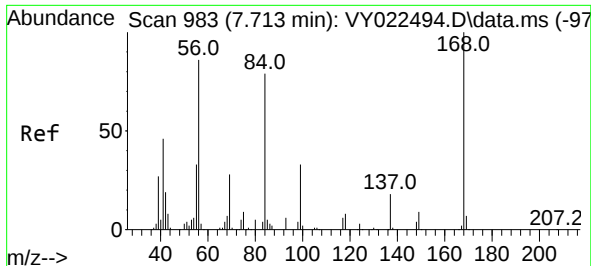
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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

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

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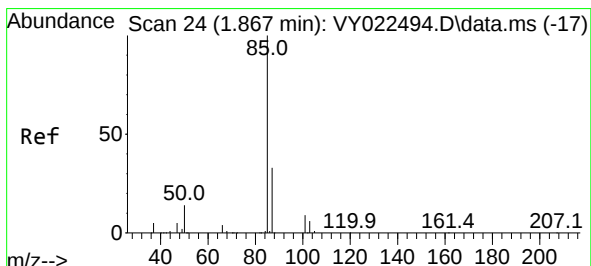
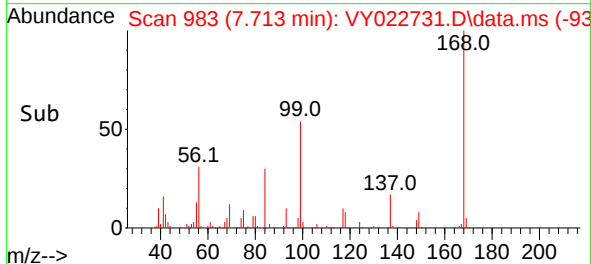
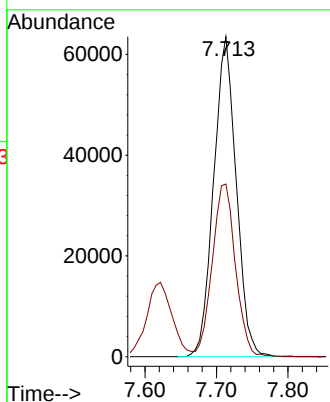
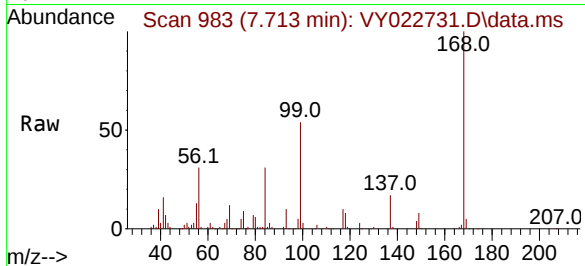




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022731.D
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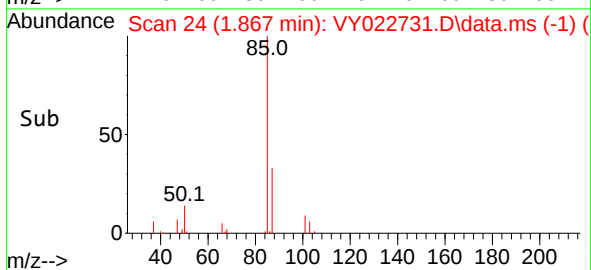
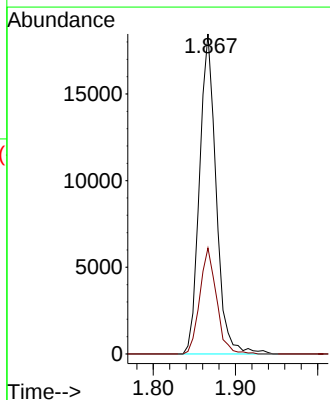
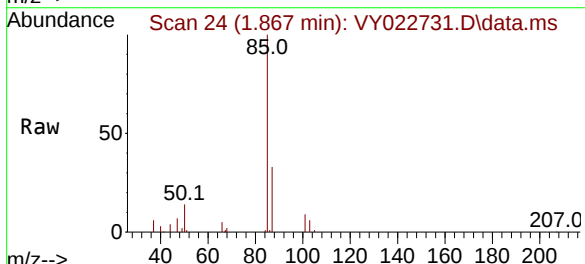
Instrument :
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ClientSampleId :
VY0618SBS01

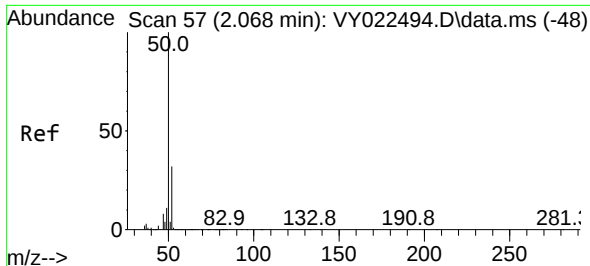
Tgt Ion:168 Resp: 139098
Ion Ratio Lower Upper
168 100
99 53.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.860 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 85 Resp: 25978
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0

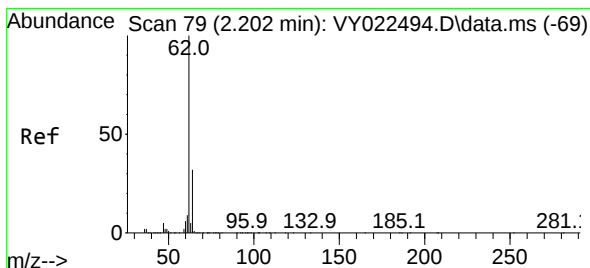
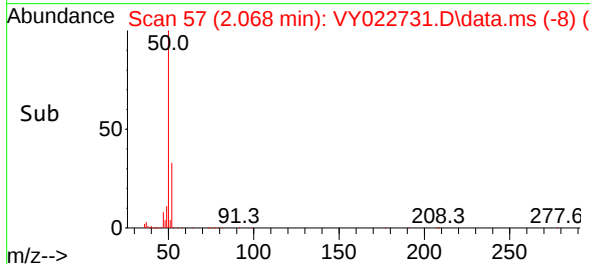
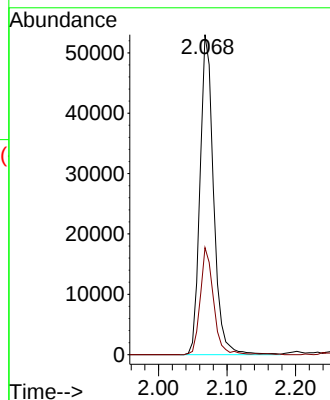
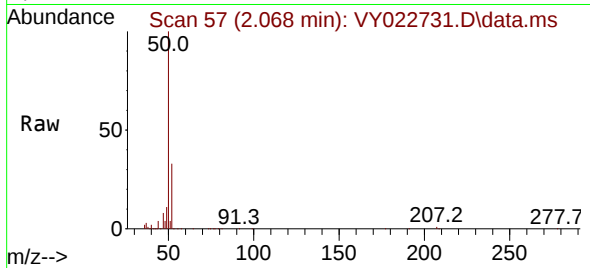




#3
Chloromethane
Concen: 19.900 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

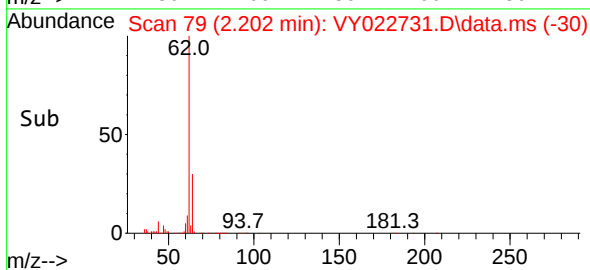
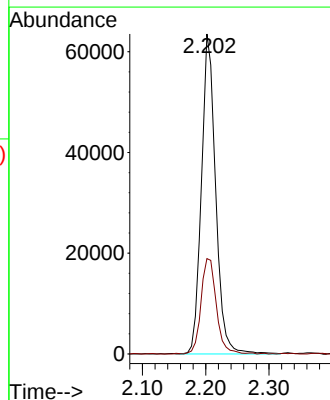
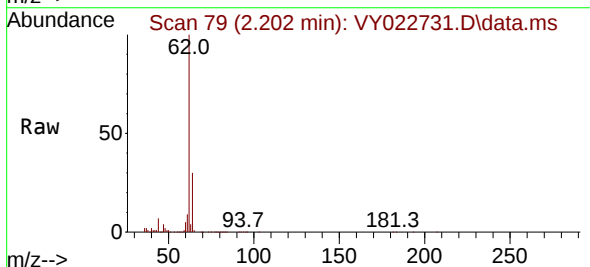
Instrument :
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ClientSampleId :
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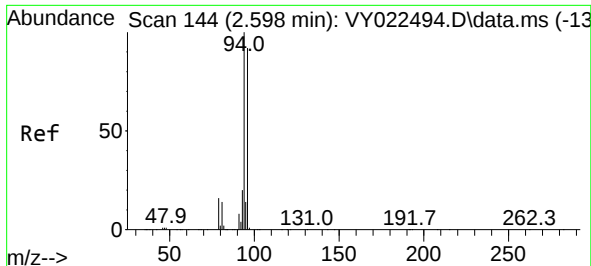
Tgt Ion: 50 Resp: 73214
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 23.351 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 62 Resp: 99660
Ion Ratio Lower Upper
62 100
64 29.7 25.3 37.9

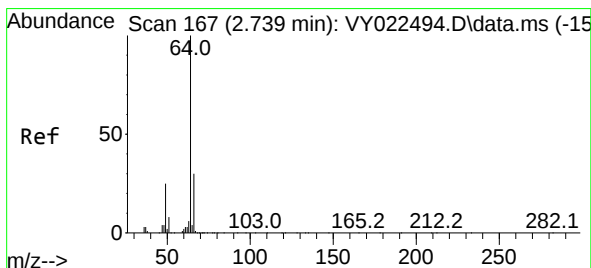
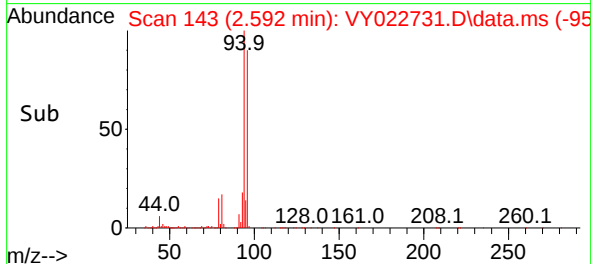
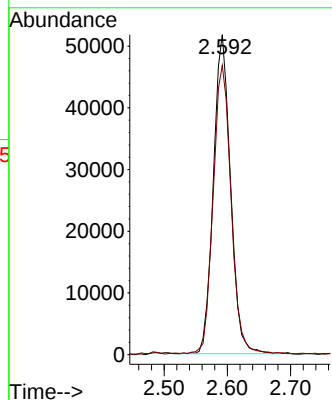
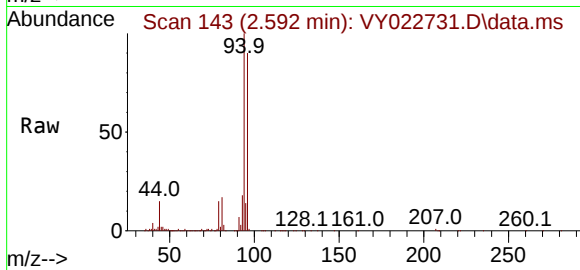




#5
Bromomethane
Concen: 23.758 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

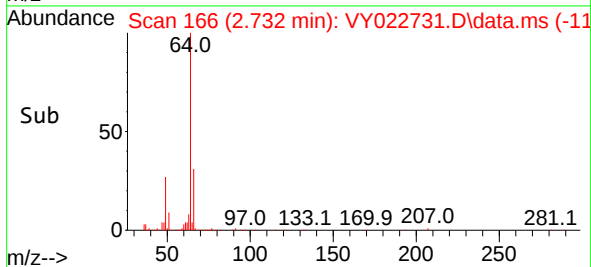
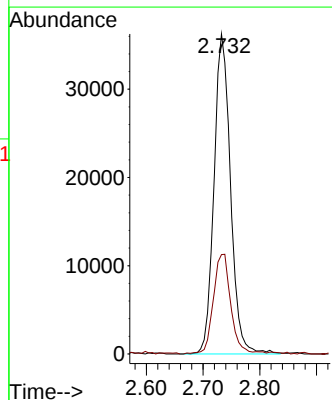
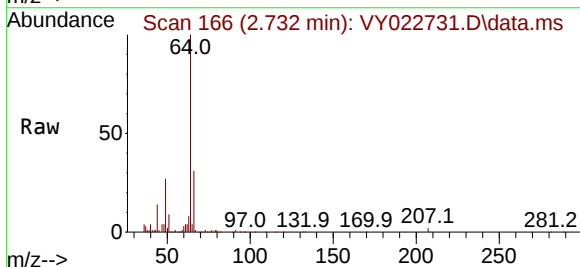
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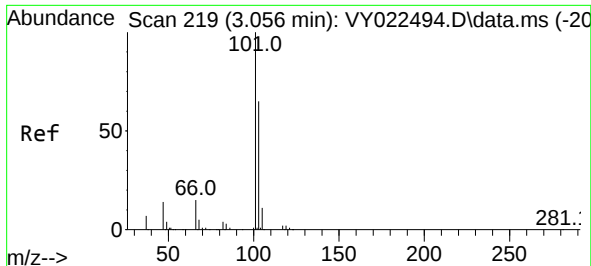
Tgt Ion: 94 Resp: 97187
Ion Ratio Lower Upper
94 100
96 90.3 74.0 111.0



#6
Chloroethane
Concen: 25.060 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 64 Resp: 73411
Ion Ratio Lower Upper
64 100
66 31.1 23.8 35.6

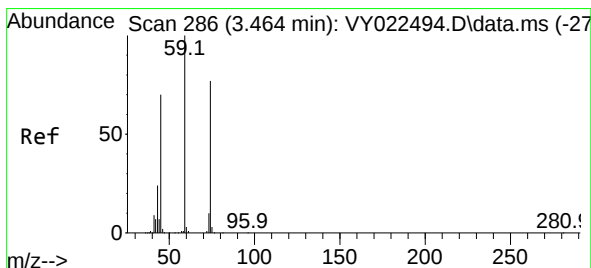
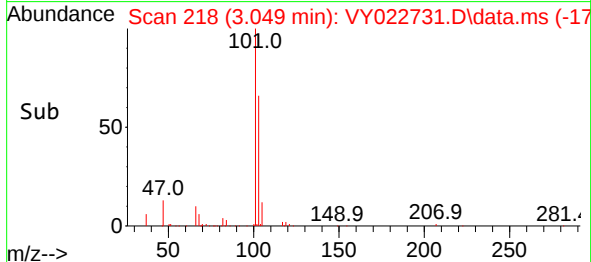
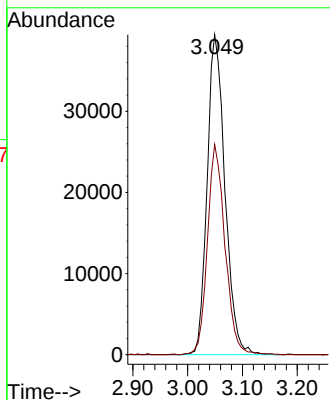
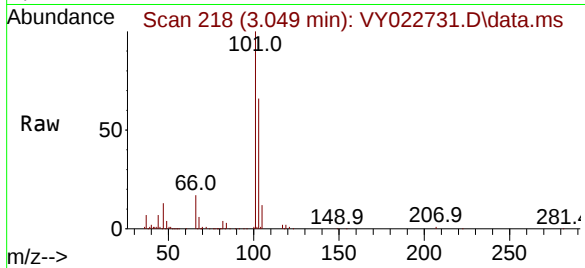




#7
 Trichlorofluoromethane
 Concen: 24.504 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022731.D
 Acq: 18 Jun 2025 11:14

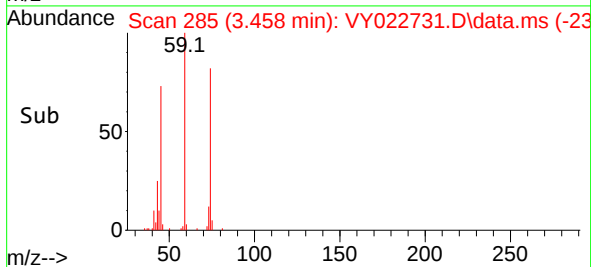
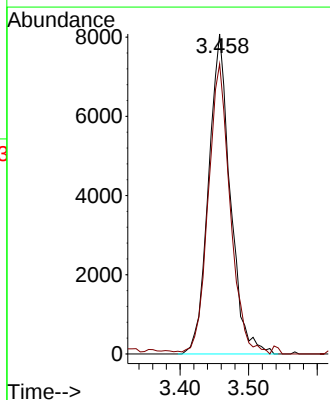
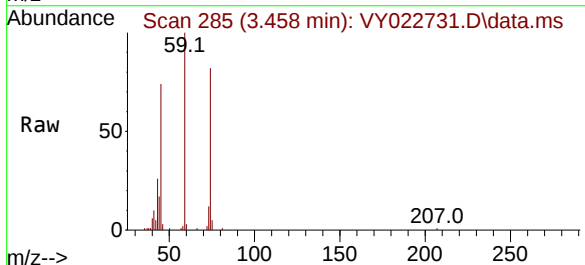
Instrument :
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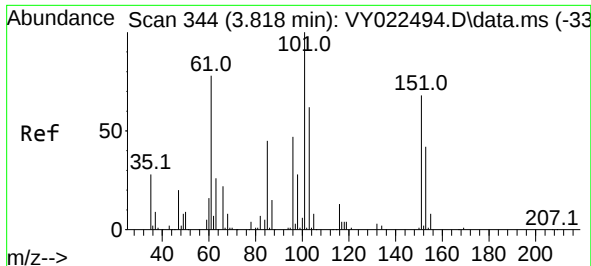
Tgt Ion:101 Resp: 88784
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.815 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY022731.D
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Tgt Ion: 74 Resp: 17800
 Ion Ratio Lower Upper
 74 100
 45 91.4 45.9 137.6

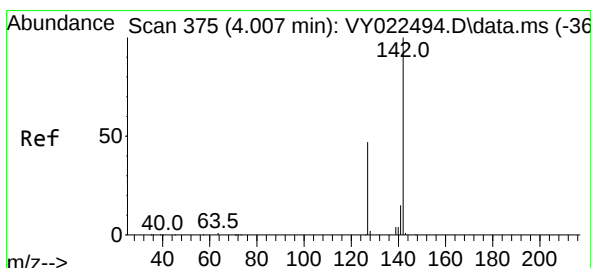
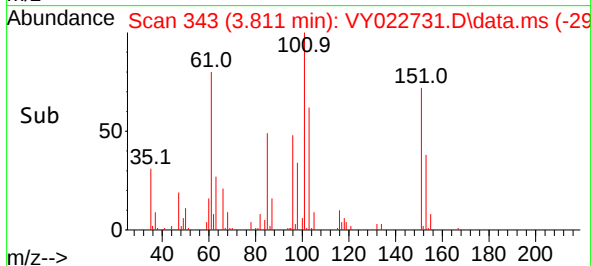
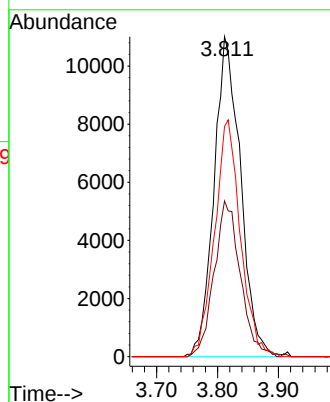
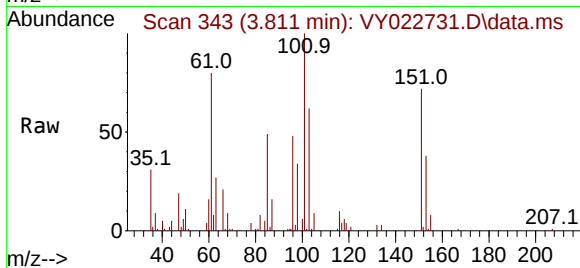




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.740 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

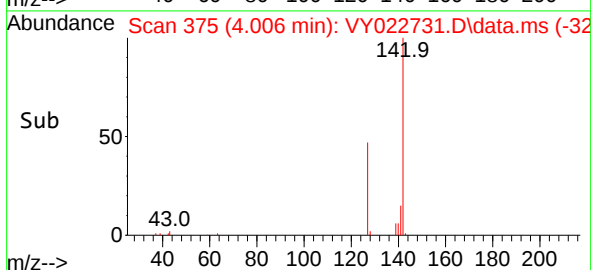
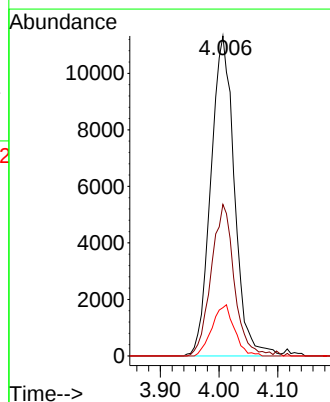
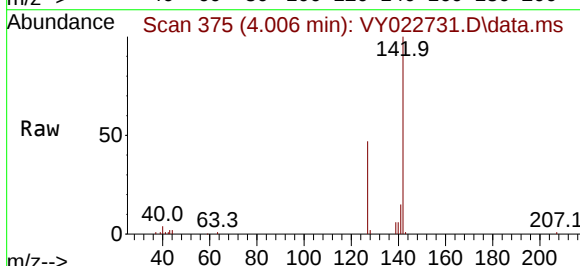
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

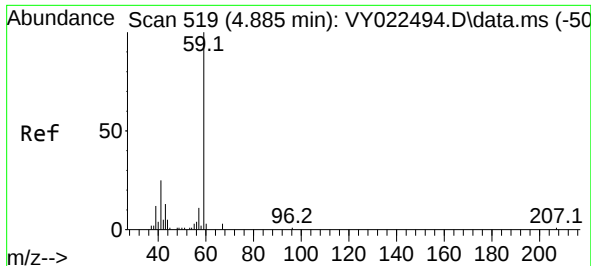
Tgt Ion:101 Resp: 33175
Ion Ratio Lower Upper
101 100
85 48.2 39.3 58.9
151 72.4 57.8 86.8



#10
Methyl Iodide
Concen: 19.085 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion:142 Resp: 31517
Ion Ratio Lower Upper
142 100
127 46.5 37.1 55.7
141 15.2 11.4 17.2

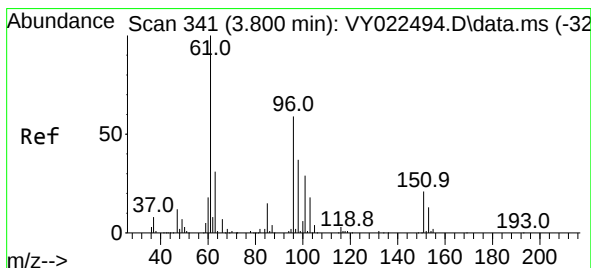
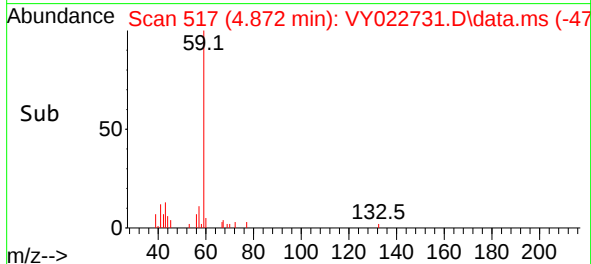
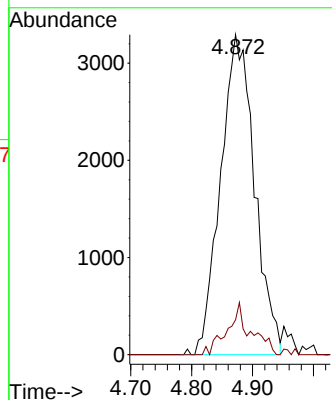
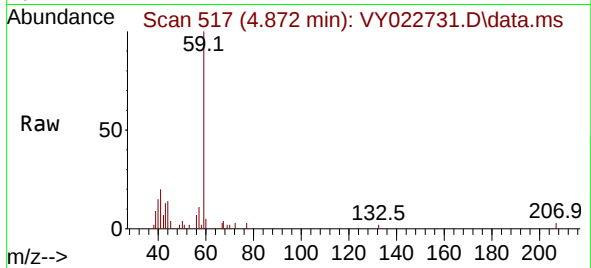




#11
Tert butyl alcohol
Concen: 114.763 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.013 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

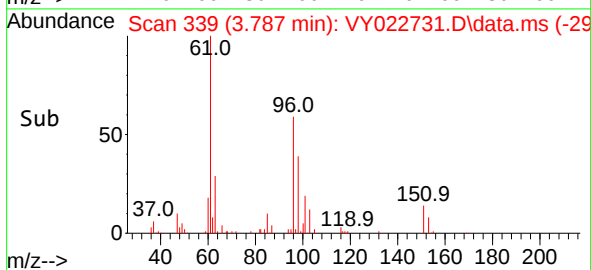
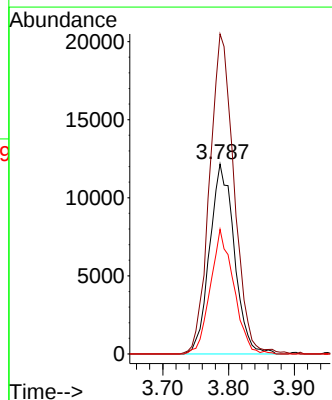
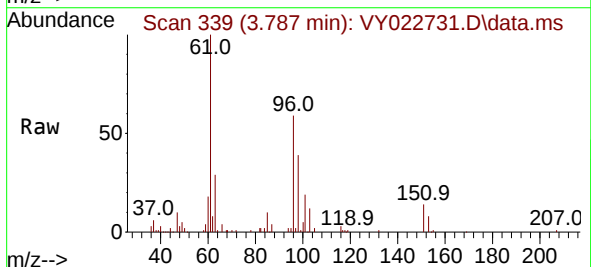
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

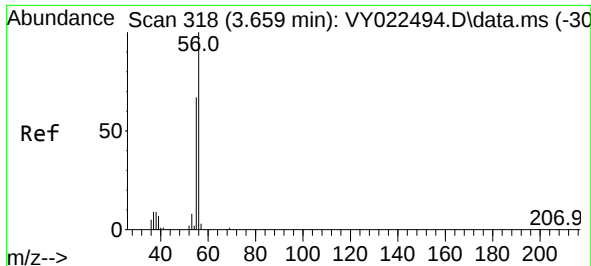
Tgt Ion: 59 Resp: 12752
Ion Ratio Lower Upper
59 100
57 11.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 21.776 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.013 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 96 Resp: 31764
Ion Ratio Lower Upper
96 100
61 168.5 134.6 201.8
98 65.6 50.2 75.4

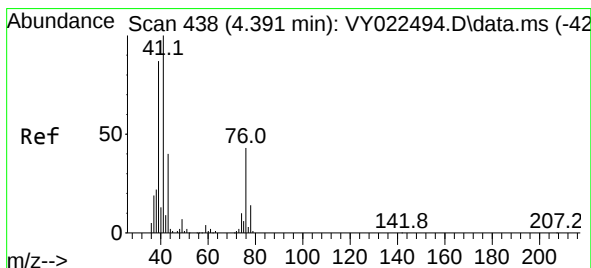
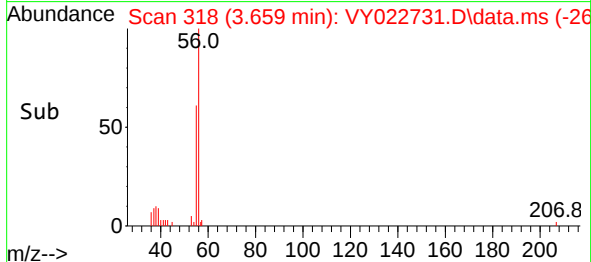
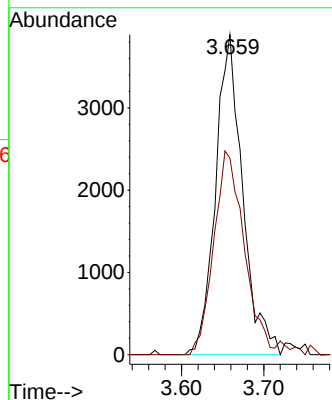
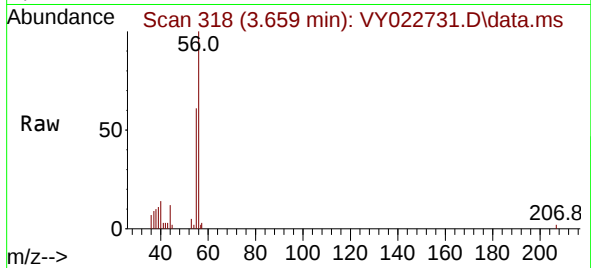




#13
Acrolein
Concen: 64.046 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

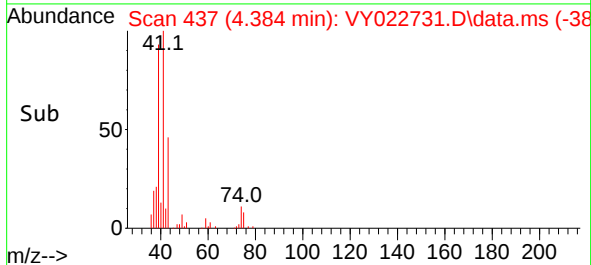
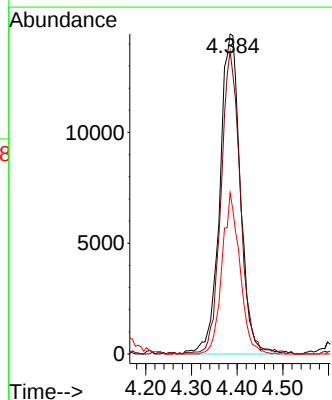
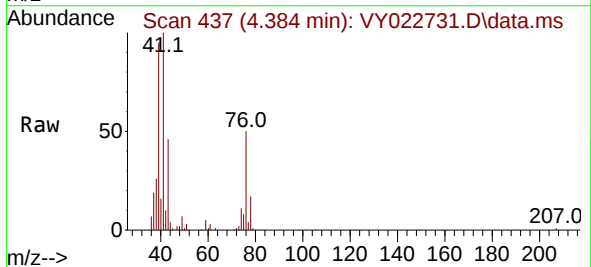
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

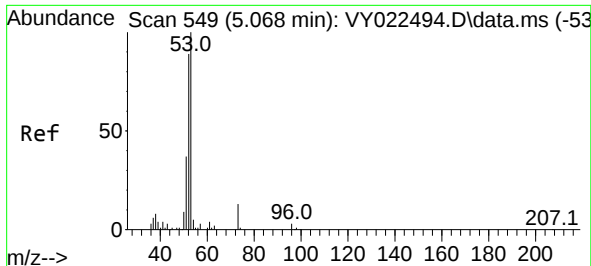
Tgt Ion: 56 Resp: 8869
Ion Ratio Lower Upper
56 100
55 71.7 57.0 85.6



#14
Allyl chloride
Concen: 19.673 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 41 Resp: 45050
Ion Ratio Lower Upper
41 100
39 89.3 69.1 103.7
76 43.8 33.5 50.3

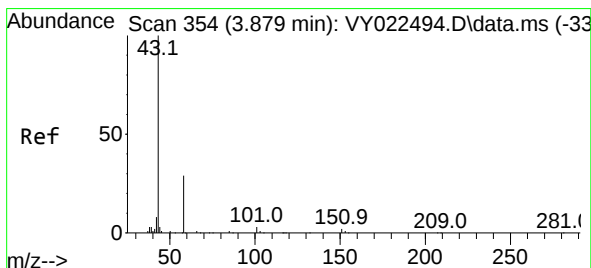
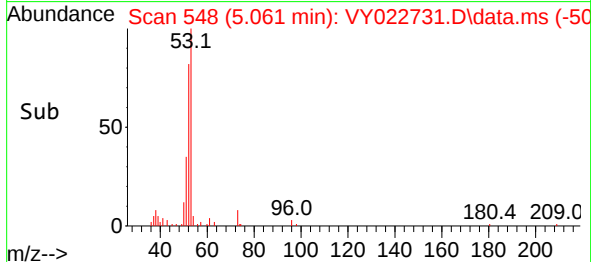
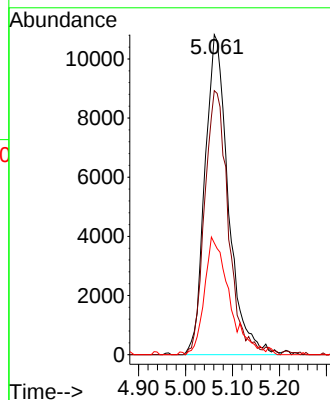
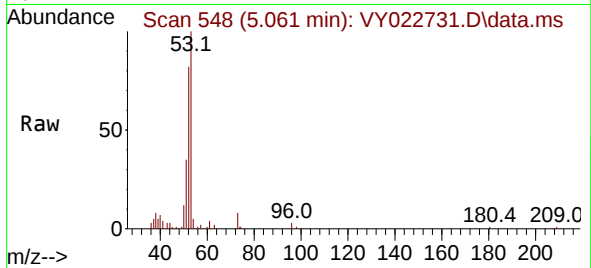




#15
Acrylonitrile
Concen: 108.414 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

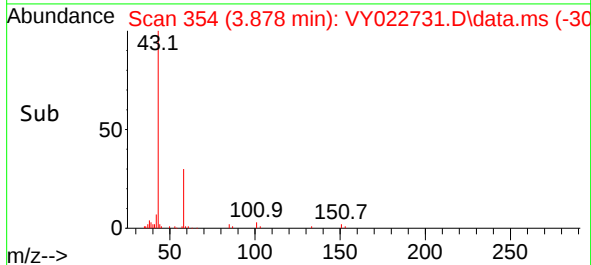
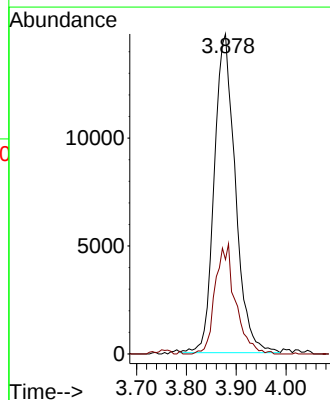
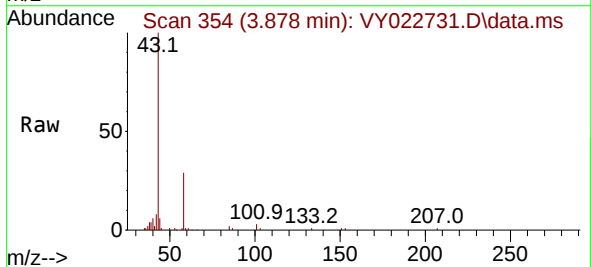
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

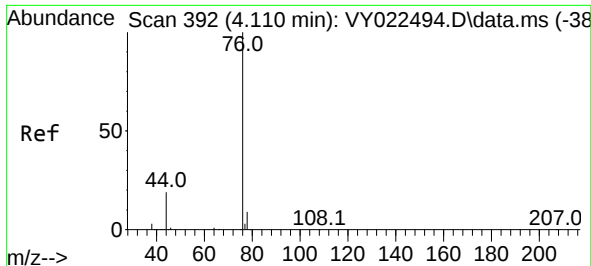
Tgt Ion: 53 Resp: 37465
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 38.9 30.1 45.1



#16
Acetone
Concen: 137.264 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 43 Resp: 43368
Ion Ratio Lower Upper
43 100
58 29.6 24.0 36.0

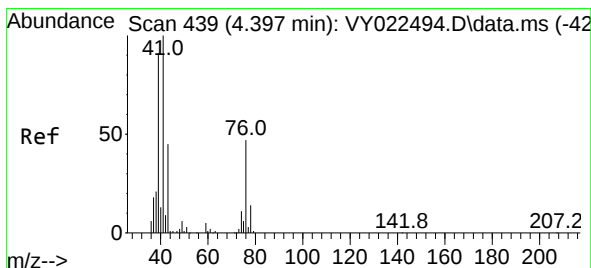
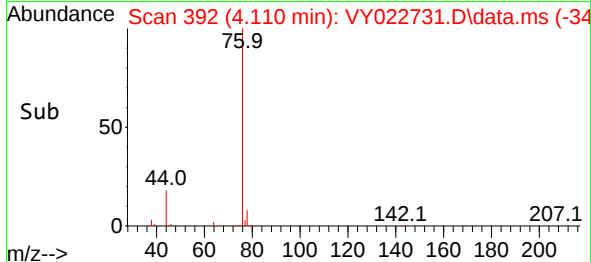
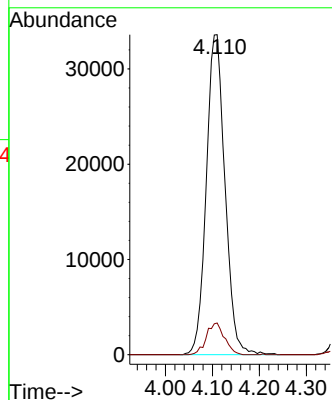
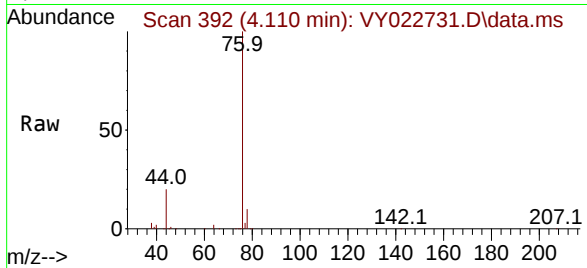




#17
Carbon Disulfide
Concen: 19.841 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

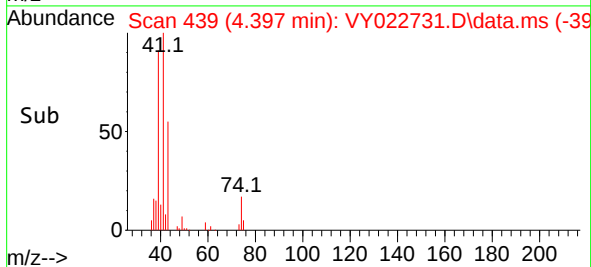
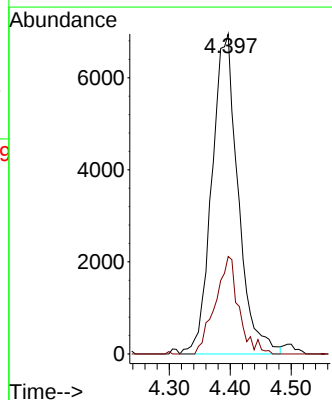
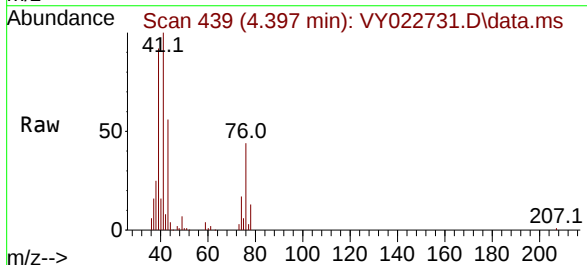
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

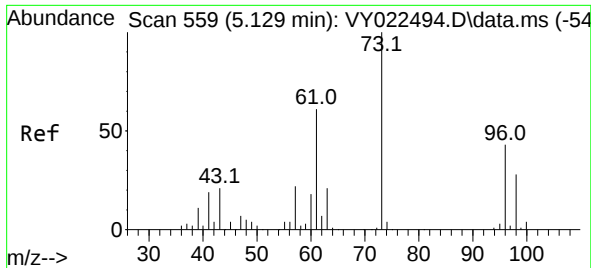
Tgt Ion: 76 Resp: 92655
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



#18
Methyl Acetate
Concen: 22.237 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 43 Resp: 20805
Ion Ratio Lower Upper
43 100
74 27.2 19.8 29.6

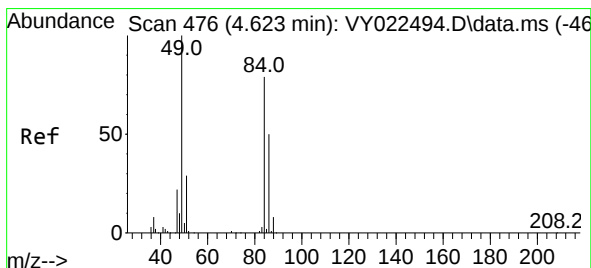
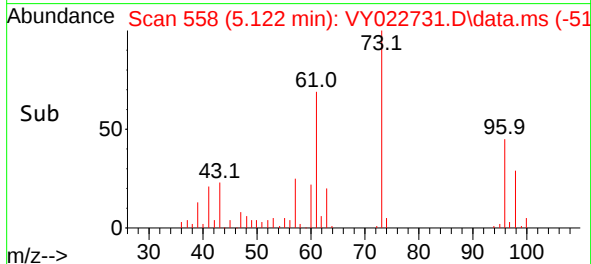
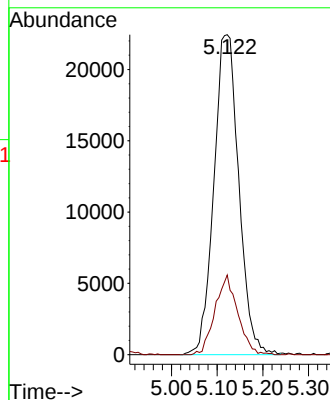
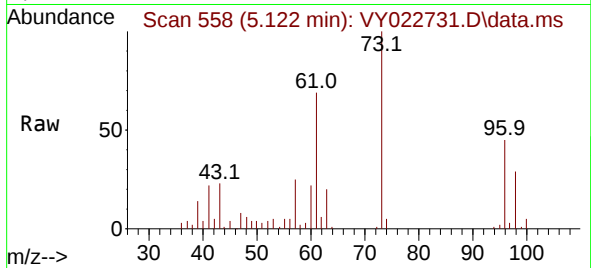




#19
Methyl tert-butyl Ether
Concen: 20.695 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

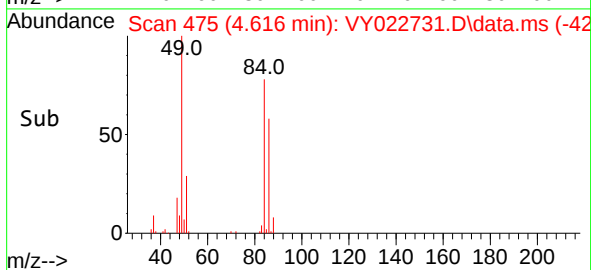
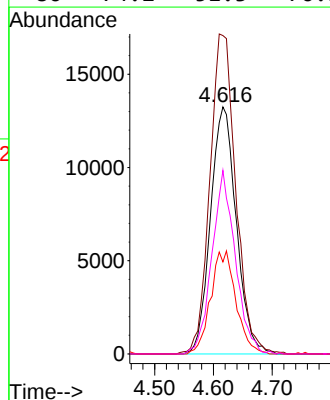
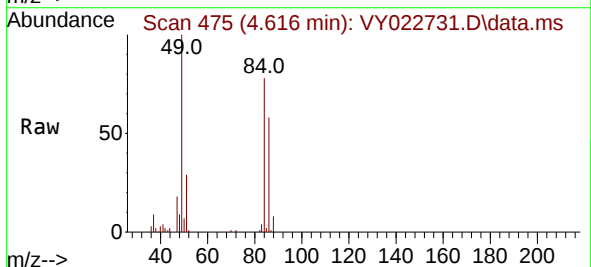
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

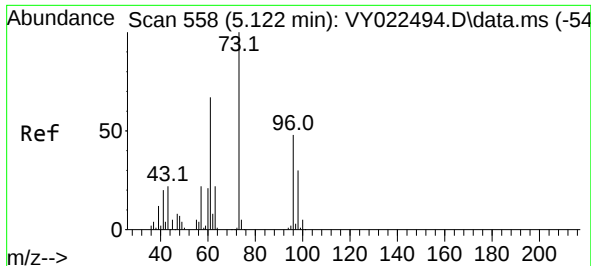
Tgt Ion: 73 Resp: 85027
Ion Ratio Lower Upper
73 100
57 24.9 17.4 26.0



#20
Methylene Chloride
Concen: 22.520 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 84 Resp: 40417
Ion Ratio Lower Upper
84 100
49 128.2 101.9 152.9
51 37.2 29.8 44.8
86 74.2 51.3 76.9

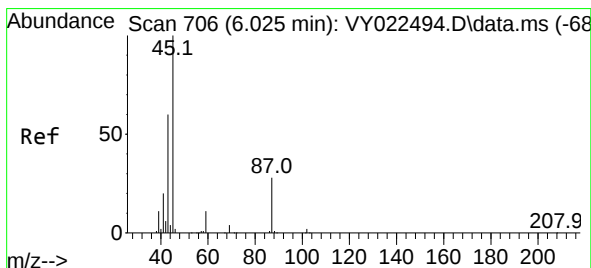
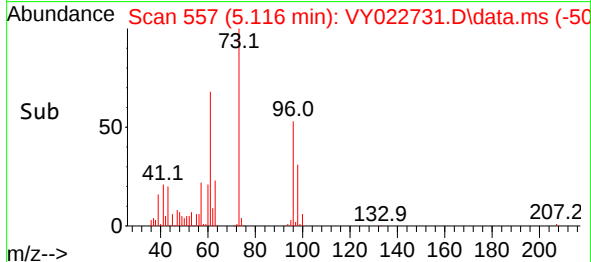
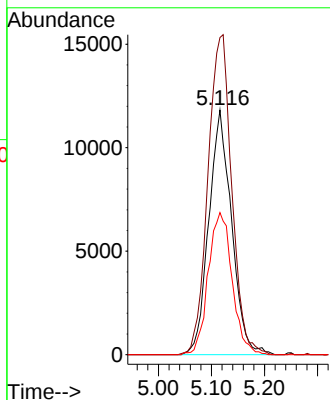
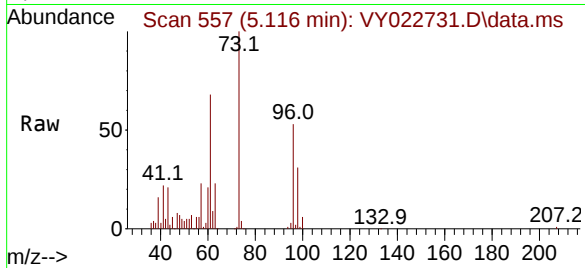




#21
trans-1,2-Dichloroethene
Concen: 21.640 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

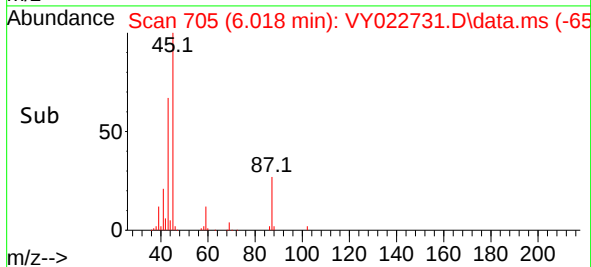
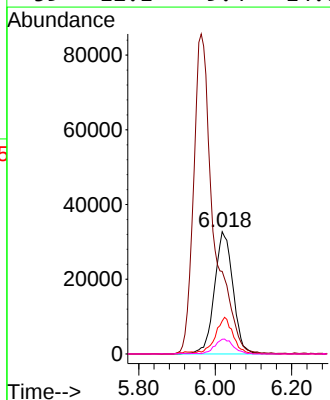
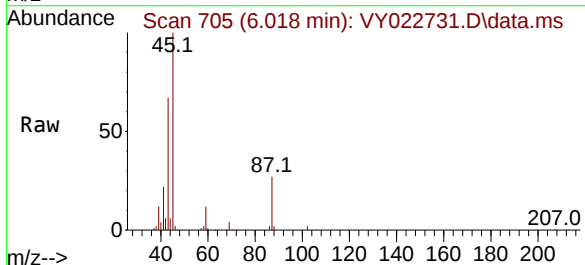
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

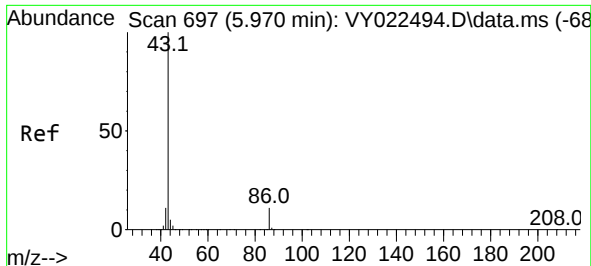
Tgt Ion: 96 Resp: 35329
Ion Ratio Lower Upper
96 100
61 129.6 112.6 169.0
98 58.1 50.6 75.8



#22
Diisopropyl ether
Concen: 21.580 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 45 Resp: 109995
Ion Ratio Lower Upper
45 100
43 67.0 48.3 72.5
87 26.9 23.0 34.6
59 12.1 9.4 14.0

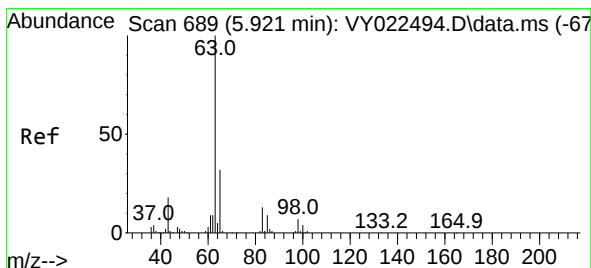
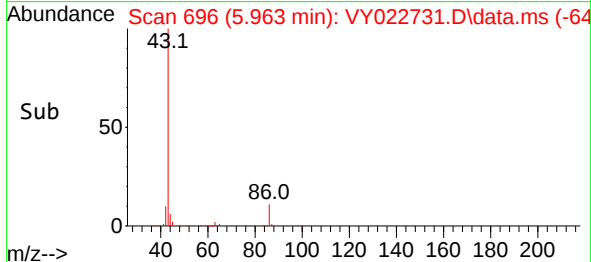
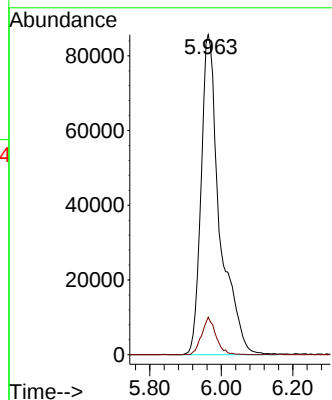
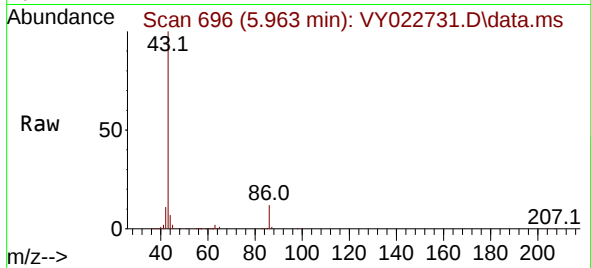




#23
 Vinyl Acetate
 Concen: 102.939 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022731.D
 Acq: 18 Jun 2025 11:14

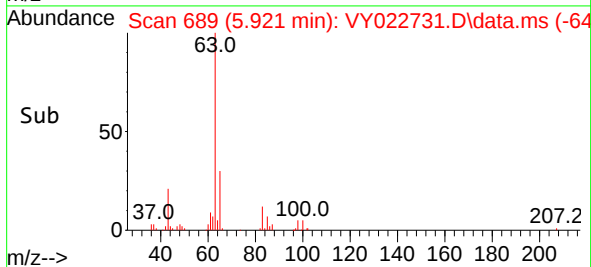
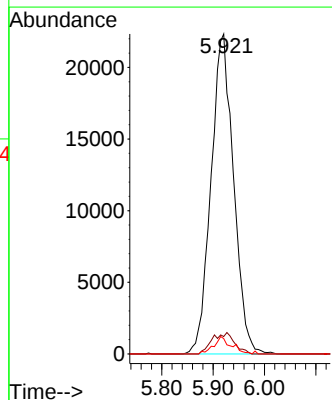
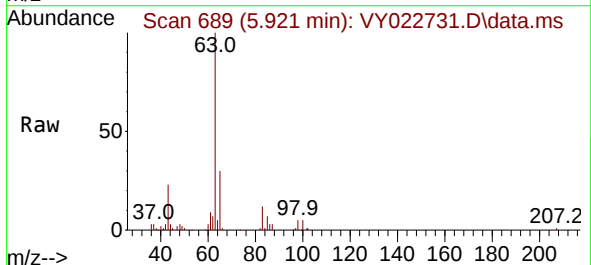
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

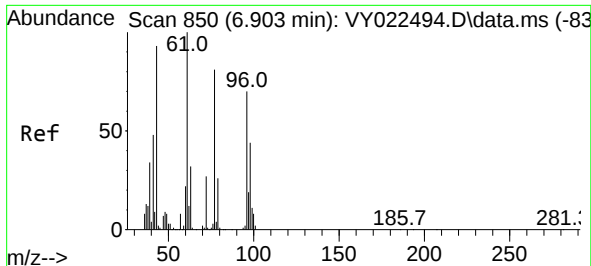
Tgt Ion: 43 Resp: 310552
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.697 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022731.D
 Acq: 18 Jun 2025 11:14

Tgt Ion: 63 Resp: 68155
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.4 10.1
 100 4.8 2.1 6.3





#25

2-Butanone

Concen: 121.546 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

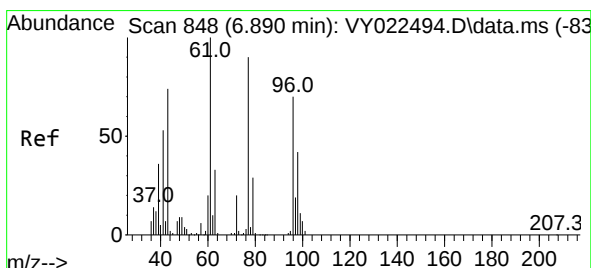
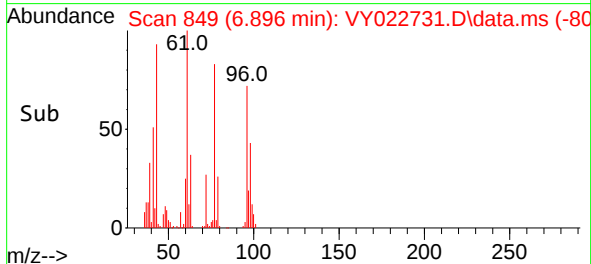
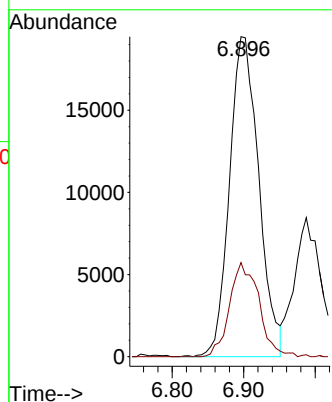
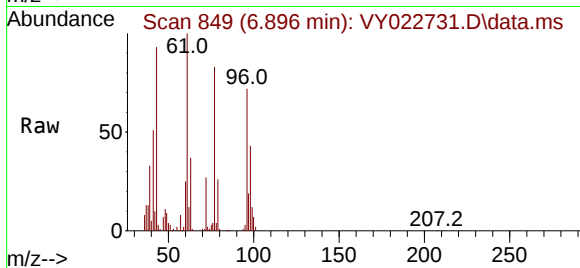
VY0618SBS01

Tgt Ion: 43 Resp: 55393

Ion Ratio Lower Upper

43 100

72 29.4 22.9 34.3



#26

2,2-Dichloropropane

Concen: 21.481 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022731.D

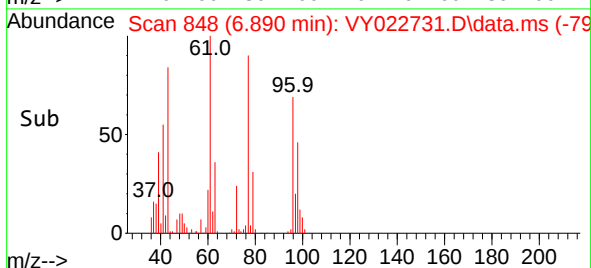
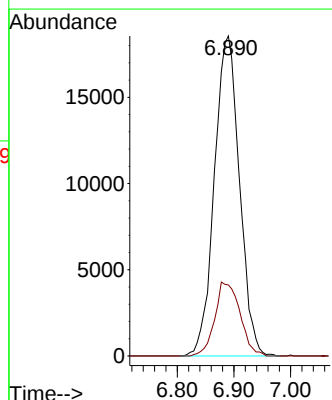
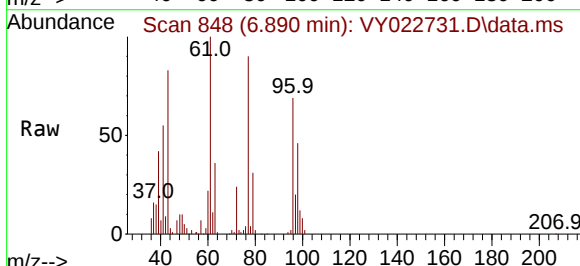
Acq: 18 Jun 2025 11:14

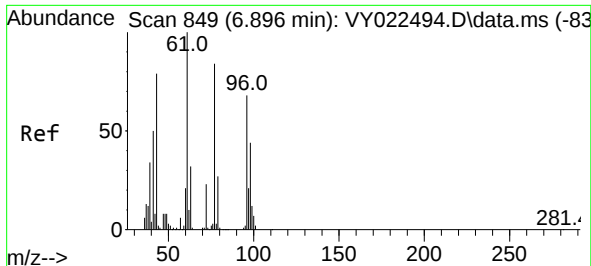
Tgt Ion: 77 Resp: 56992

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.101 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

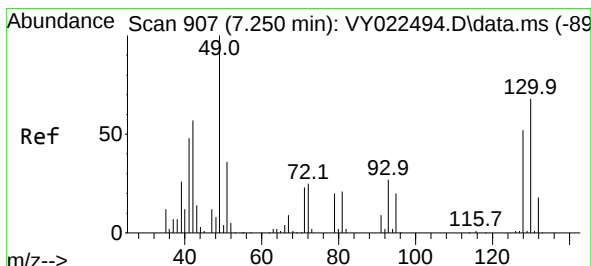
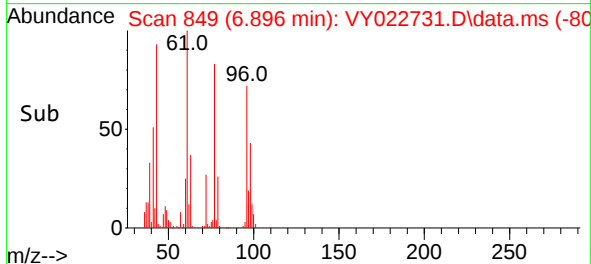
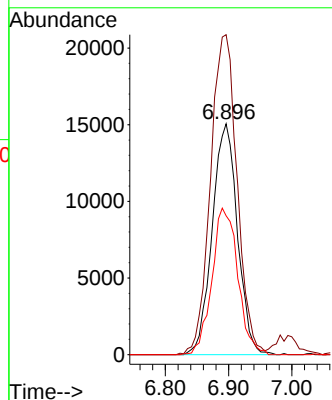
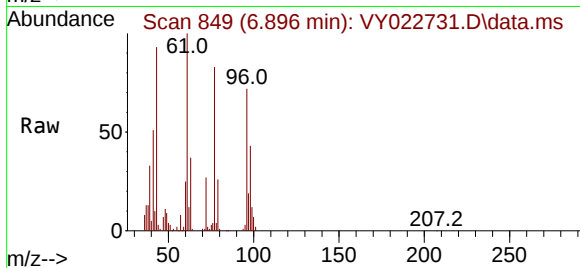
Tgt Ion: 96 Resp: 41704

Ion Ratio Lower Upper

96 100

61 145.8 0.0 290.0

98 65.0 0.0 128.4



#28

Bromochloromethane

Concen: 21.419 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

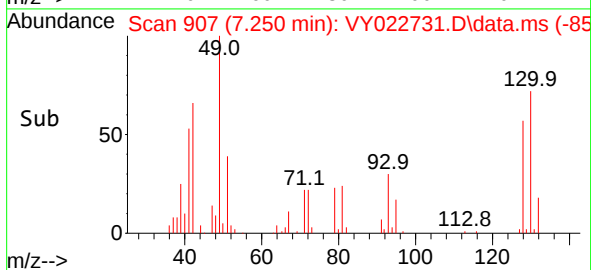
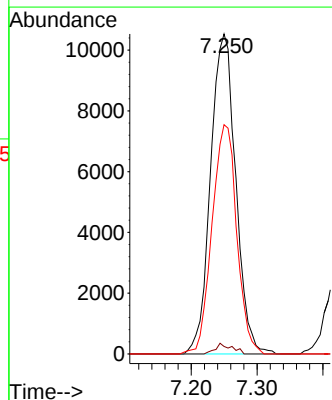
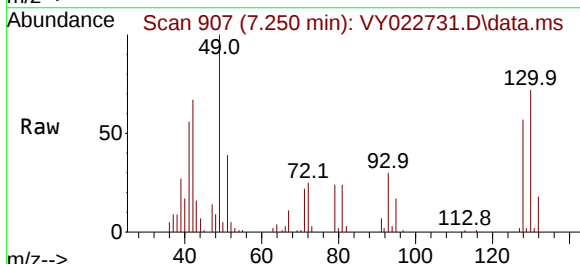
Tgt Ion: 49 Resp: 28037

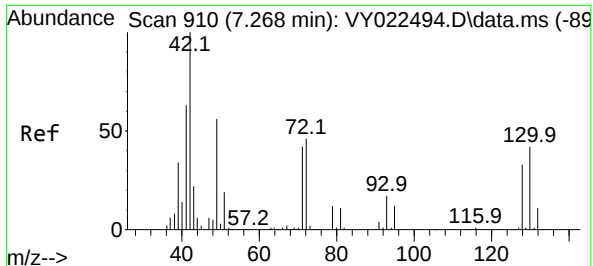
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 70.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 108.105 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

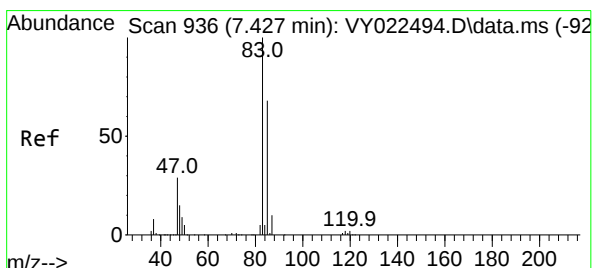
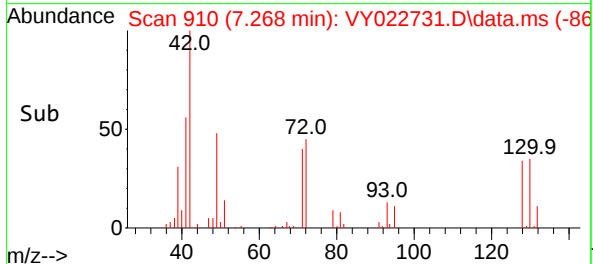
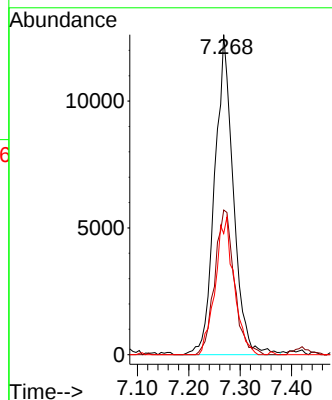
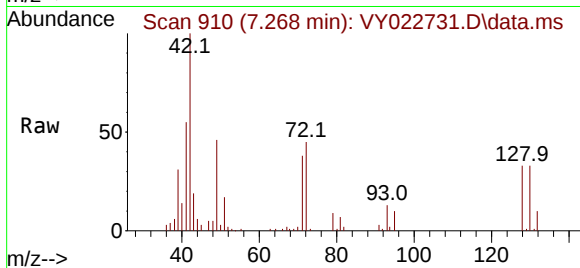
Tgt Ion: 42 Resp: 31776

Ion Ratio Lower Upper

42 100

72 47.5 37.4 56.2

71 43.3 34.2 51.2



#30

Chloroform

Concen: 22.588 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022731.D

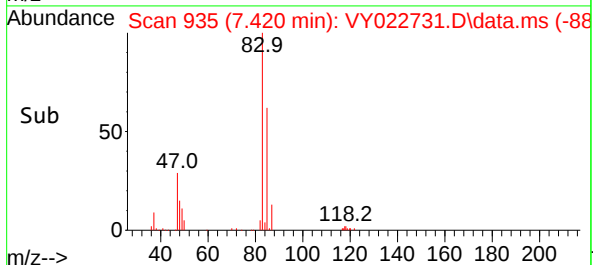
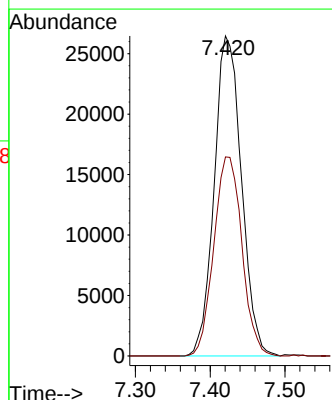
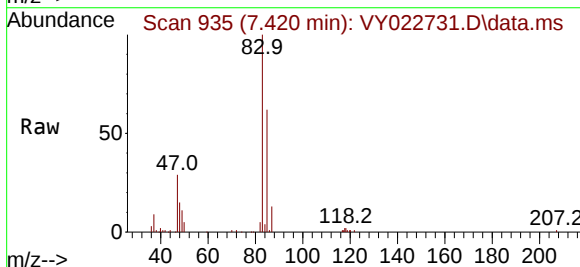
Acq: 18 Jun 2025 11:14

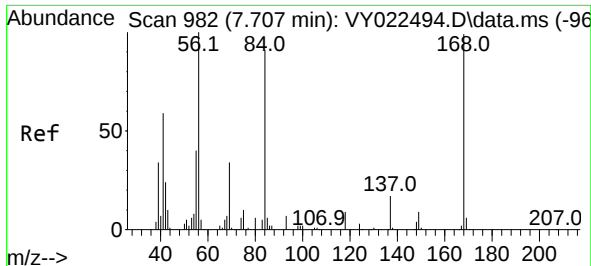
Tgt Ion: 83 Resp: 67181

Ion Ratio Lower Upper

83 100

85 62.2 54.2 81.4

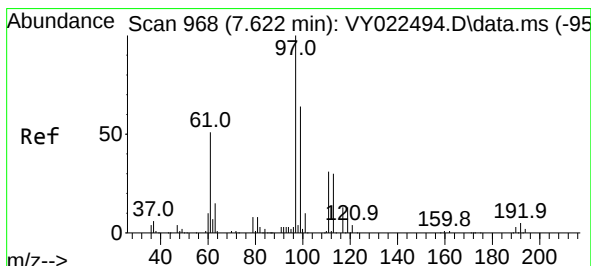
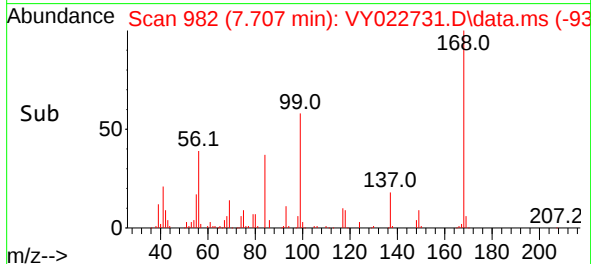
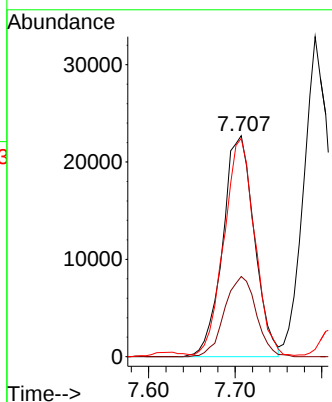
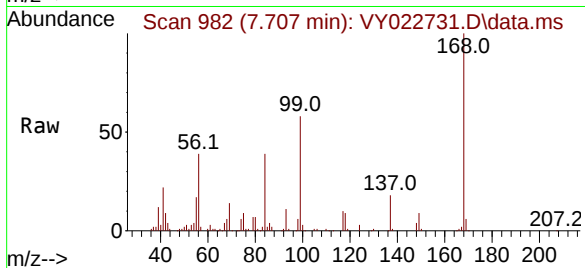




#31
Cyclohexane
Concen: 19.246 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

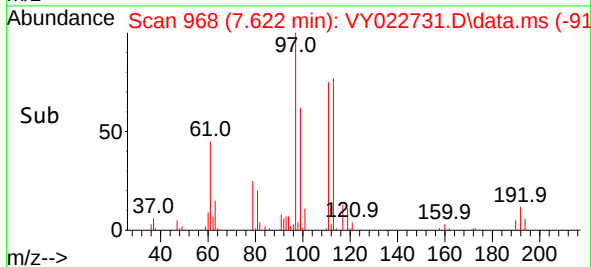
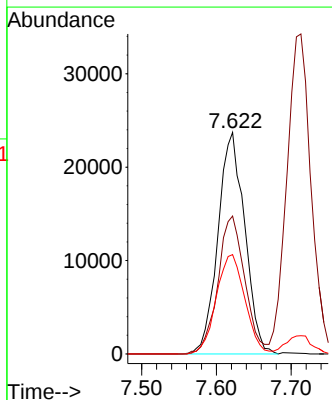
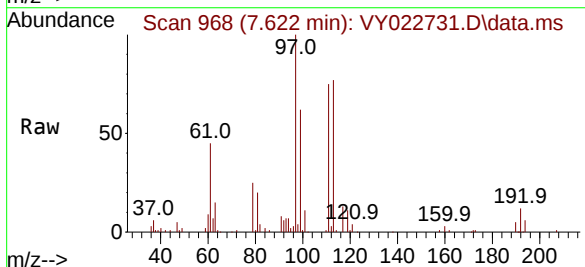
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

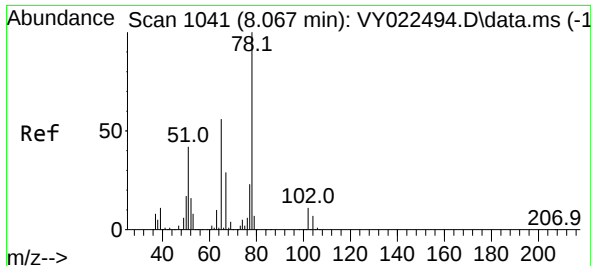
Tgt Ion: 56 Resp: 57535
Ion Ratio Lower Upper
56 100
69 36.3 27.0 40.6
84 97.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.390 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 97 Resp: 59116
Ion Ratio Lower Upper
97 100
99 62.9 50.9 76.3
61 47.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.350 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

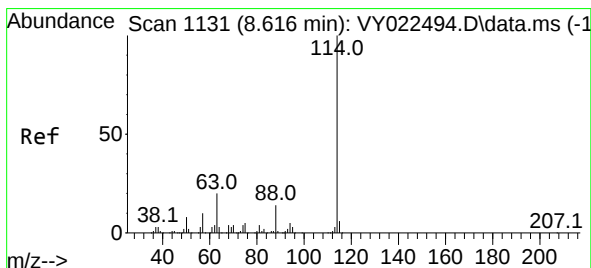
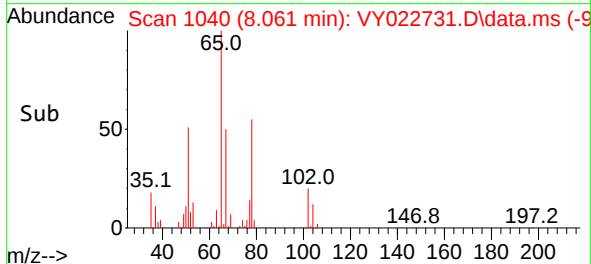
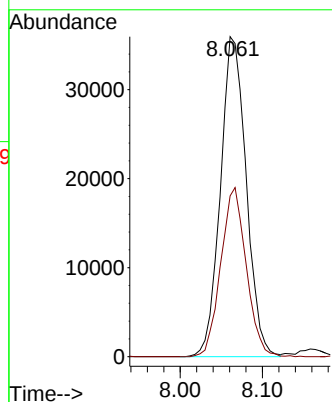
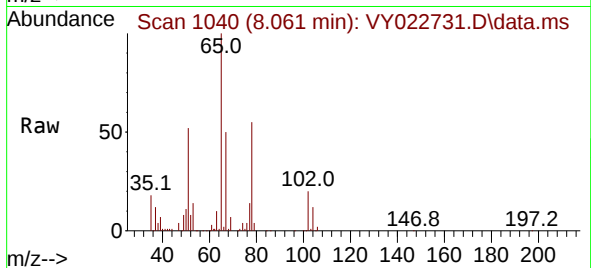
VY0618SBS01

Tgt Ion: 65 Resp: 78331

Ion Ratio Lower Upper

65 100

67 52.2 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: VY022731.D

Acq: 18 Jun 2025 11:14

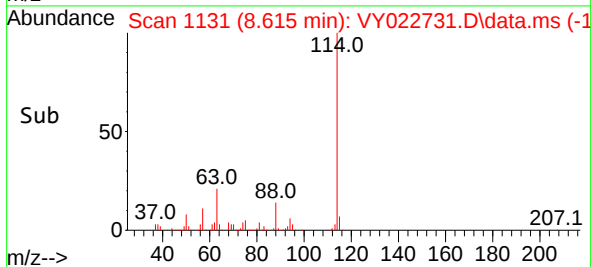
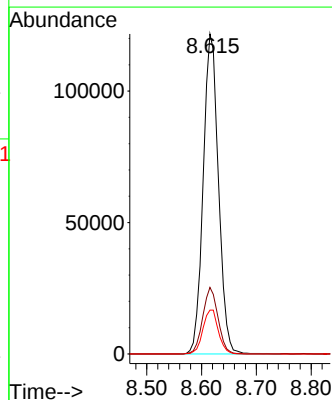
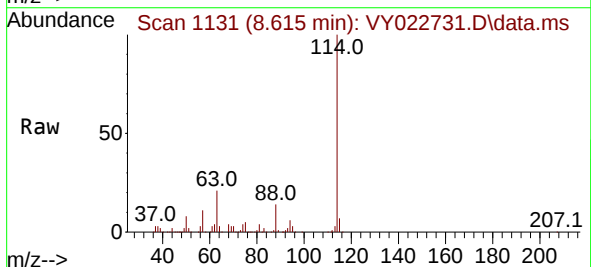
Tgt Ion: 114 Resp: 235183

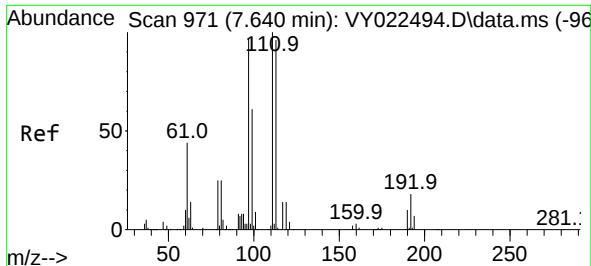
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 13.7 0.0 27.8

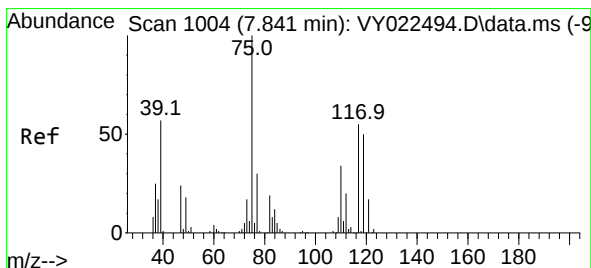
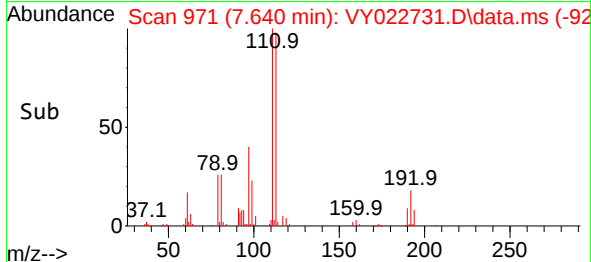
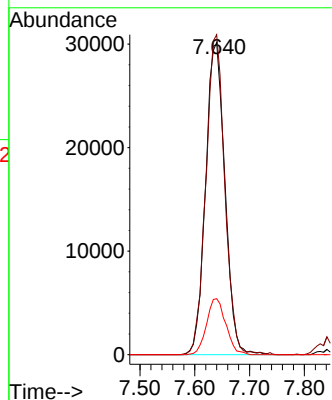
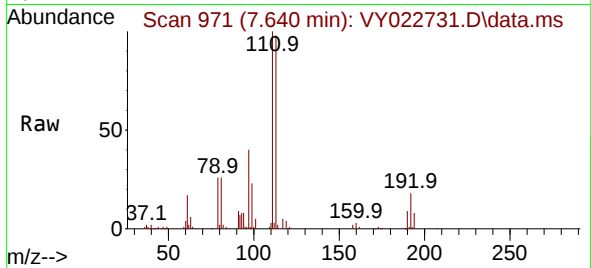




#35
Dibromofluoromethane
Concen: 52.456 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

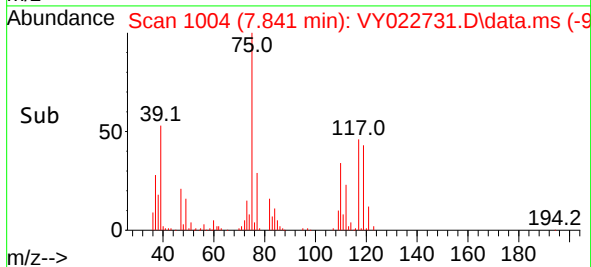
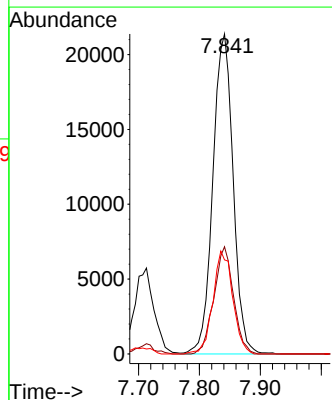
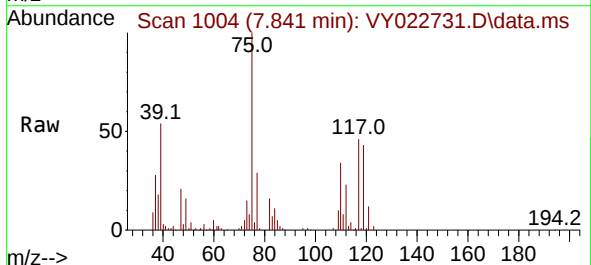
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

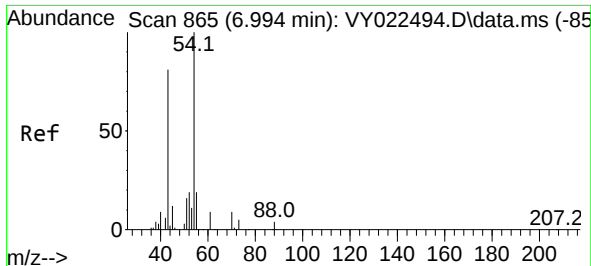
Tgt Ion:113 Resp: 73636
Ion Ratio Lower Upper
113 100
111 100.6 81.1 121.7
192 17.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.711 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 75 Resp: 49465
Ion Ratio Lower Upper
75 100
110 32.4 16.9 50.7
77 31.4 24.8 37.2

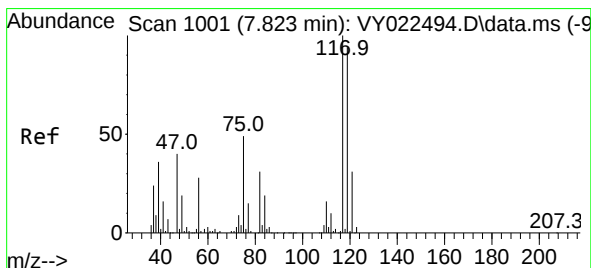
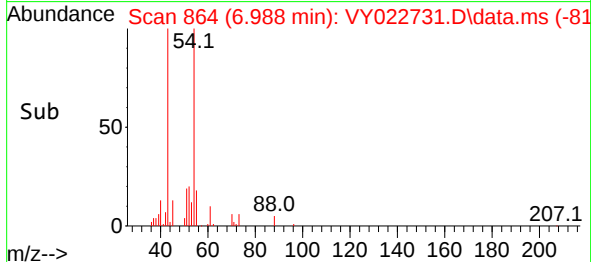
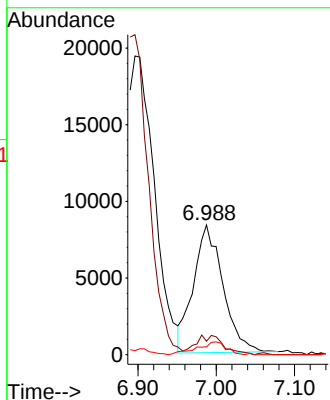
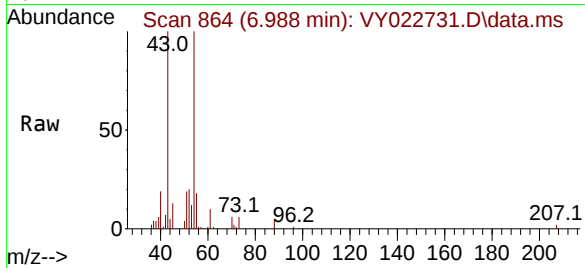




#37
Ethyl Acetate
Concen: 21.496 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

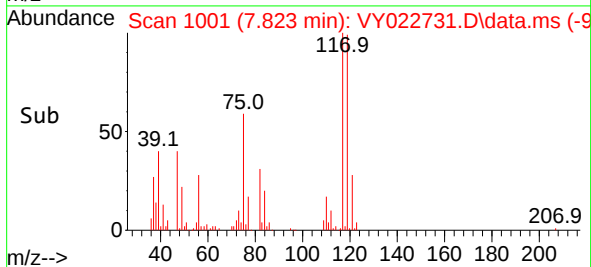
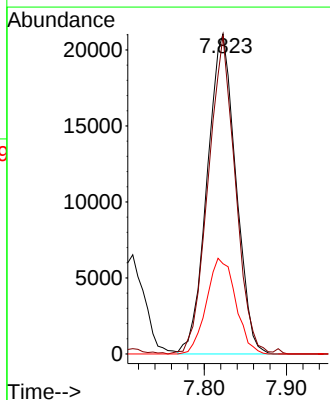
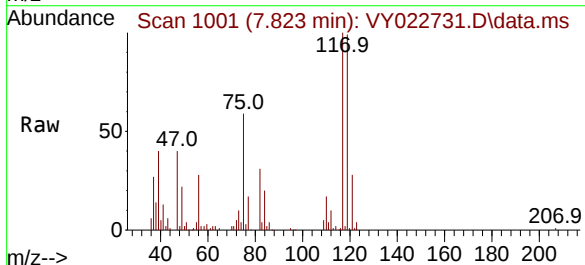
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

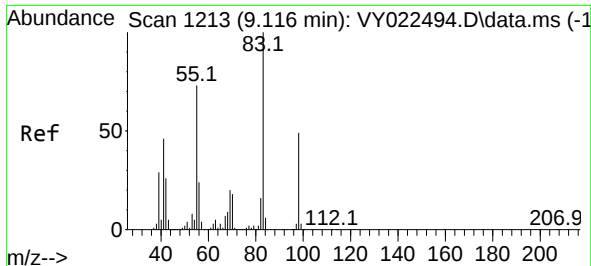
Tgt Ion: 43 Resp: 21840
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 9.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.800 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 117 Resp: 50952
Ion Ratio Lower Upper
117 100
119 98.7 75.0 112.6
121 28.2 25.0 37.4





#39

Methylcyclohexane

Concen: 19.391 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

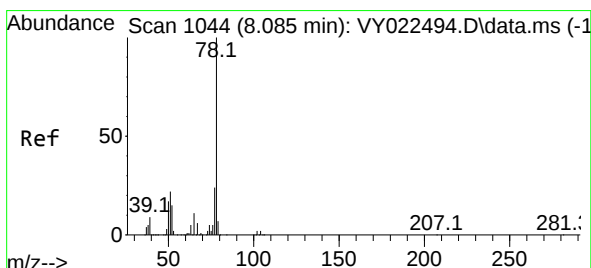
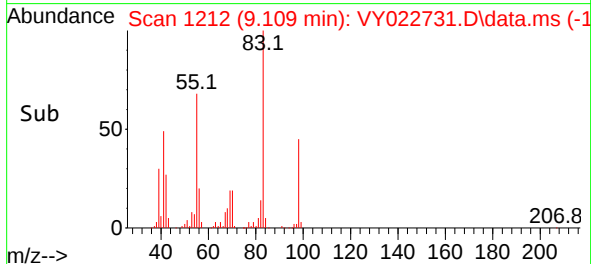
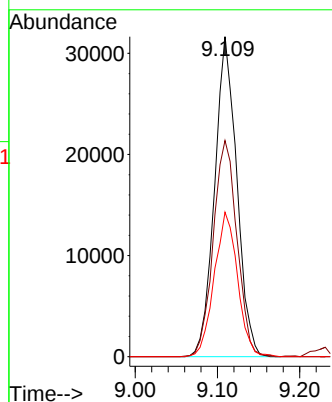
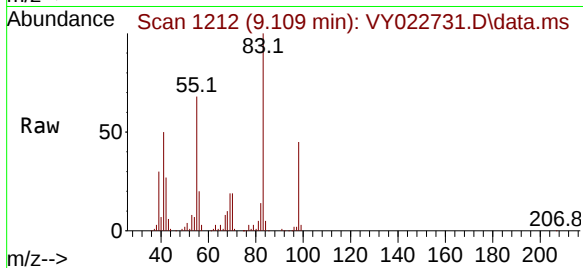
Tgt Ion: 83 Resp: 59369

Ion Ratio Lower Upper

83 100

55 67.5 58.1 87.1

98 45.2 39.0 58.6



#40

Benzene

Concen: 22.144 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022731.D

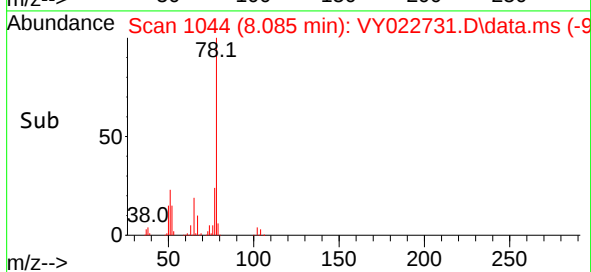
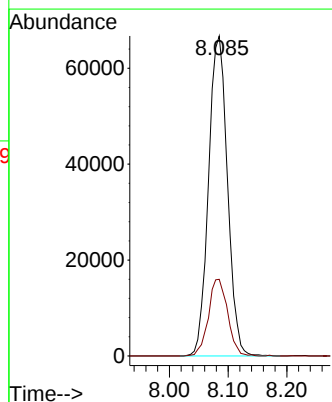
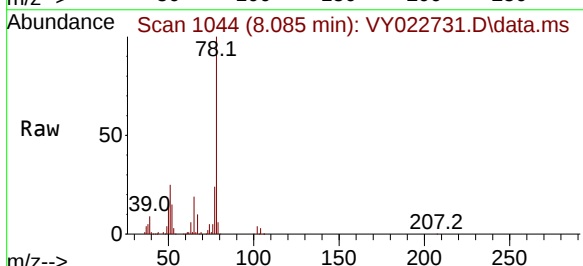
Acq: 18 Jun 2025 11:14

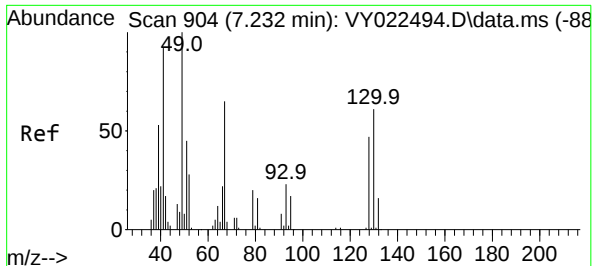
Tgt Ion: 78 Resp: 149009

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

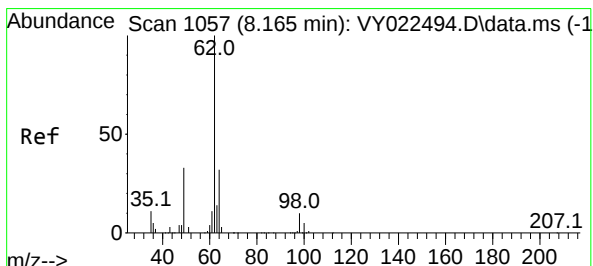
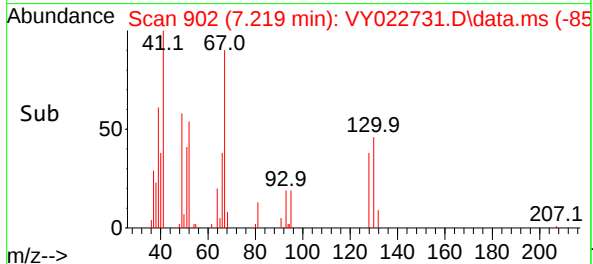
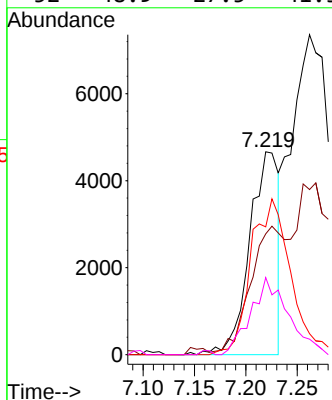
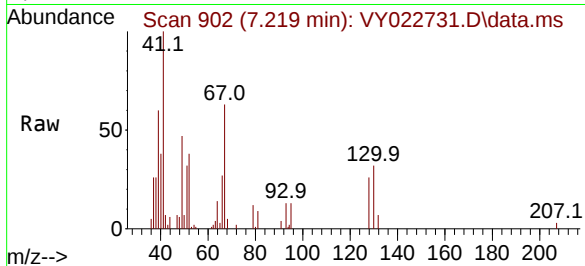




#41
Methacrylonitrile
Concen: 15.494 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.013 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

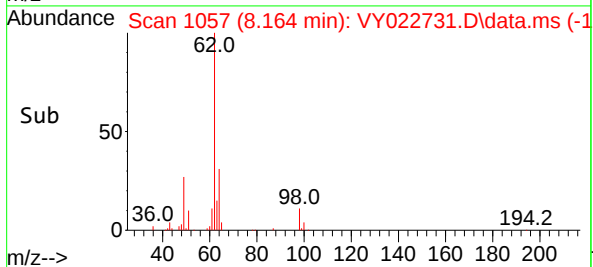
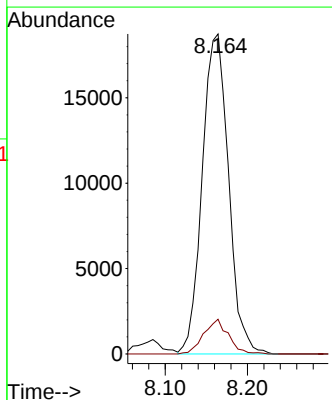
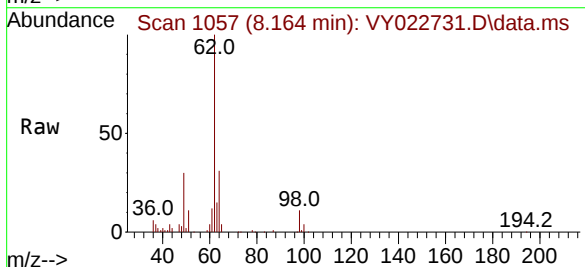
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

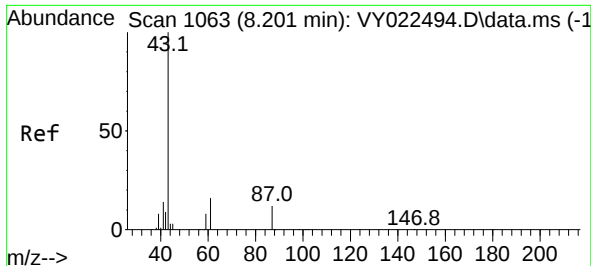
Tgt Ion:	41	Resp:	9195
Ion	Ratio	Lower	Upper
41	100		
39	72.3	46.6	69.8#
67	104.8	63.3	94.9#
52	48.9	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 22.657 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion:	62	Resp:	41629
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2

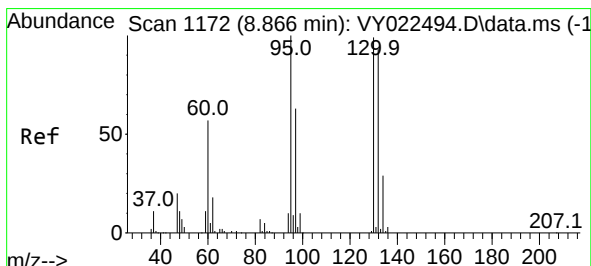
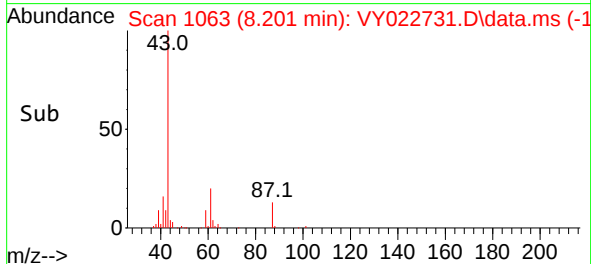
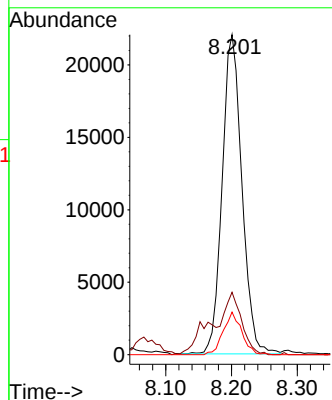
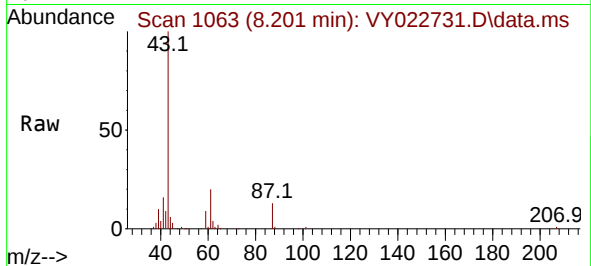




#43
Isopropyl Acetate
Concen: 21.013 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

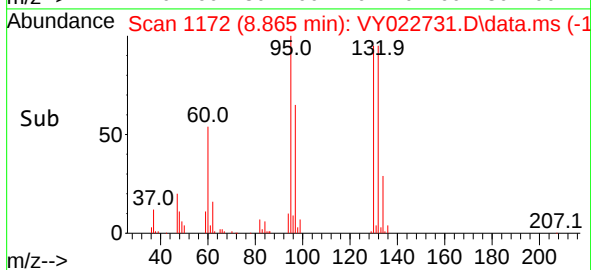
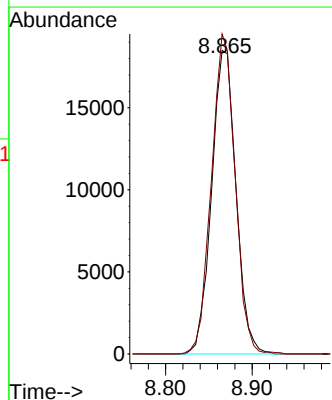
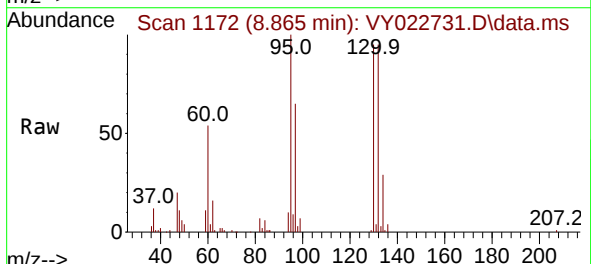
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

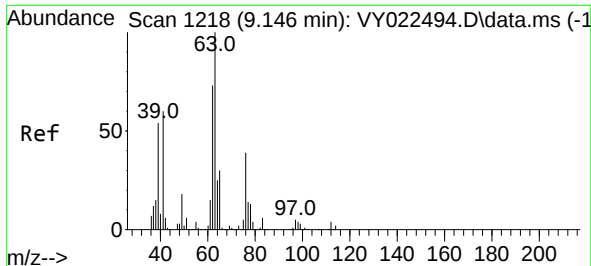
Tgt Ion: 43 Resp: 46110
Ion Ratio Lower Upper
43 100
61 18.2 15.6 23.4
87 12.5 10.2 15.4



#44
Trichloroethene
Concen: 21.979 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion:130 Resp: 36147
Ion Ratio Lower Upper
130 100
95 105.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.534 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

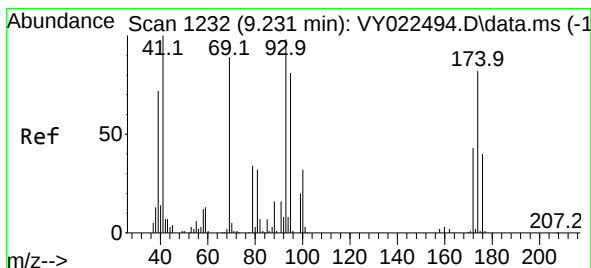
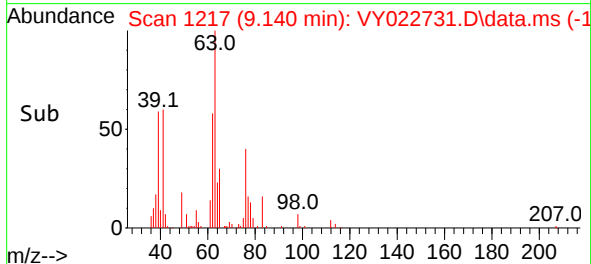
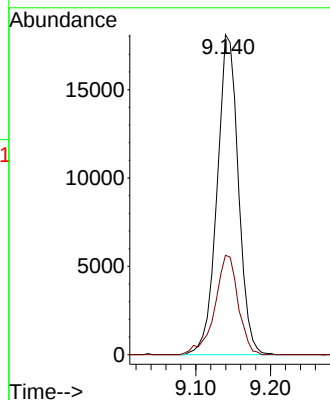
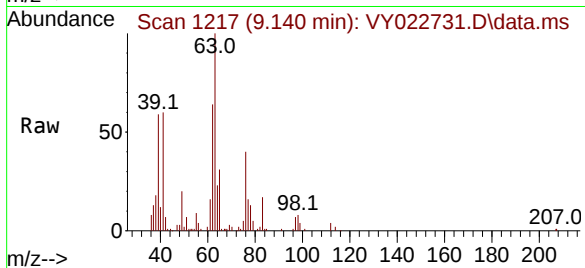
VY0618SBS01

Tgt Ion: 63 Resp: 35837

Ion Ratio Lower Upper

63 100

65 31.1 24.0 36.0



#46

Dibromomethane

Concen: 22.530 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

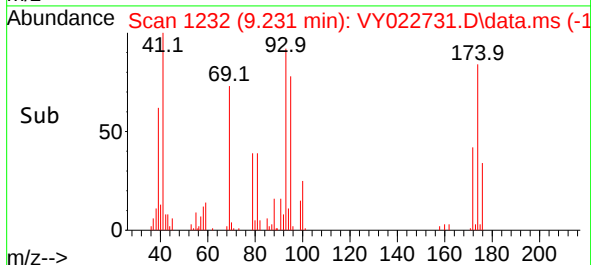
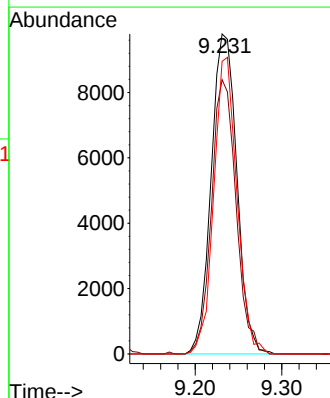
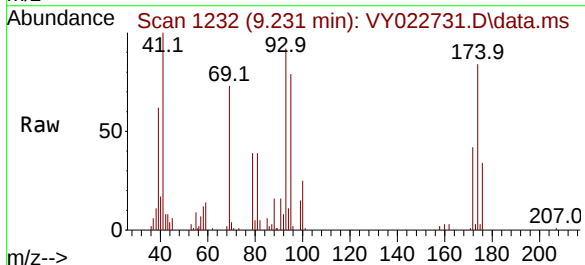
Tgt Ion: 93 Resp: 20158

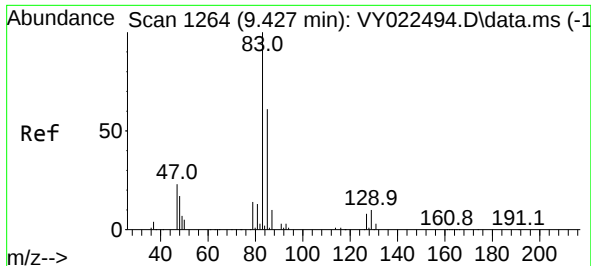
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 84.0 70.4 105.6

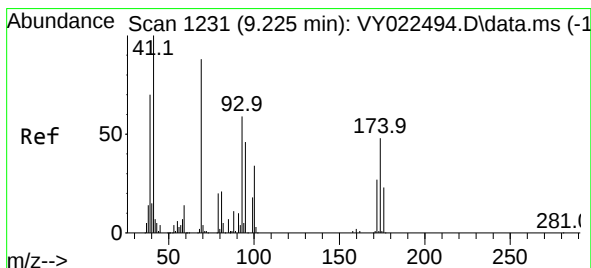
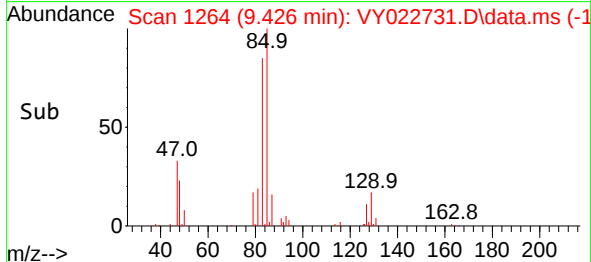
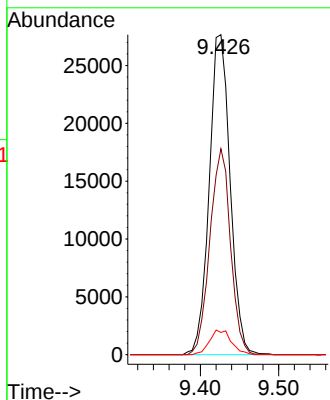
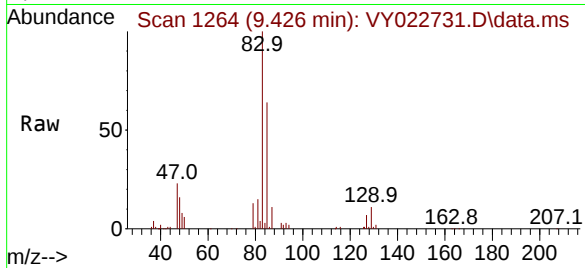




#47
Bromodichloromethane
Concen: 22.615 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

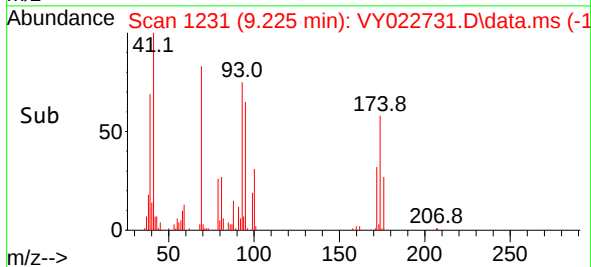
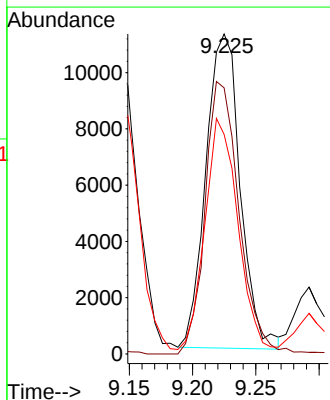
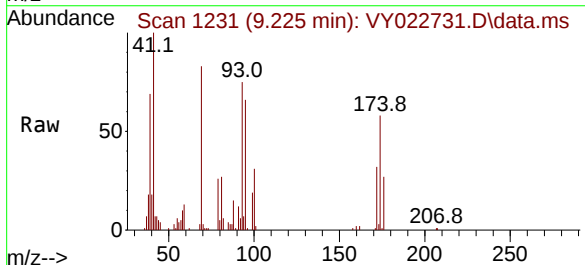
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

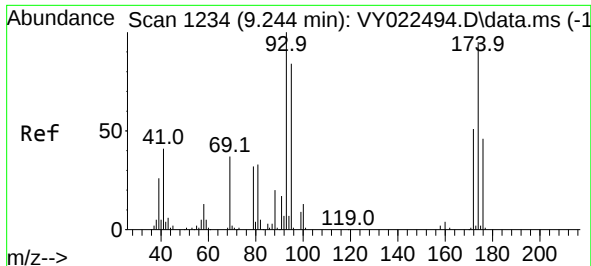
Tgt Ion:	83	Resp:	51304
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.1	73.7
127	7.0	6.2	9.4



#48
Methyl methacrylate
Concen: 20.475 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion:	41	Resp:	21086
Ion	Ratio	Lower	Upper
41	100		
69	86.2	67.8	101.8
39	70.4	55.0	82.4





#49

1,4-Dioxane

Concen: 391.904 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

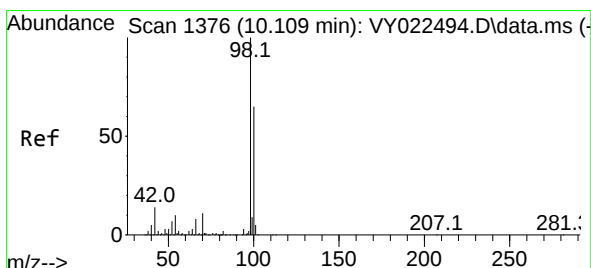
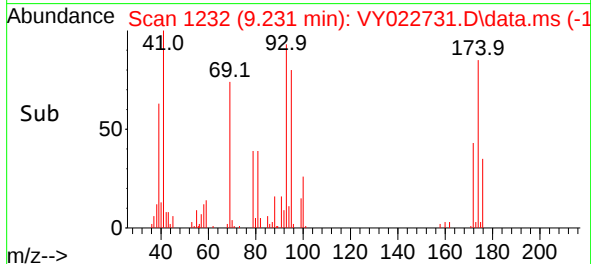
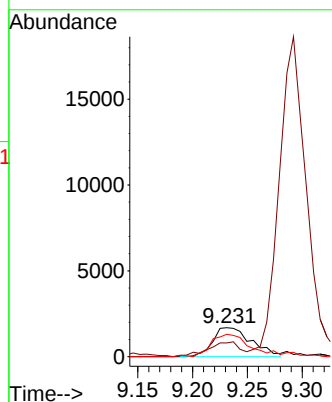
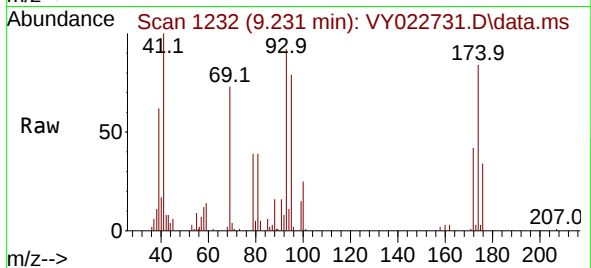
Tgt Ion: 88 Resp: 4154

Ion Ratio Lower Upper

88 100

43 42.1 25.4 38.2#

58 84.5 54.9 82.3#



#50

Toluene-d8

Concen: 50.373 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022731.D

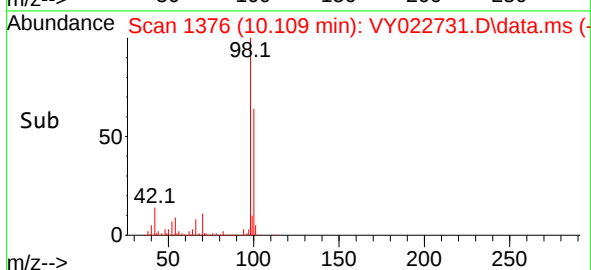
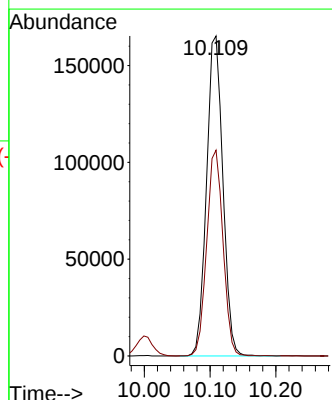
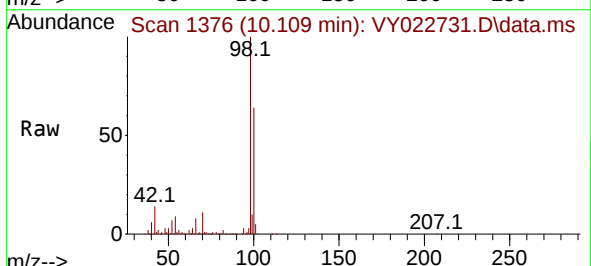
Acq: 18 Jun 2025 11:14

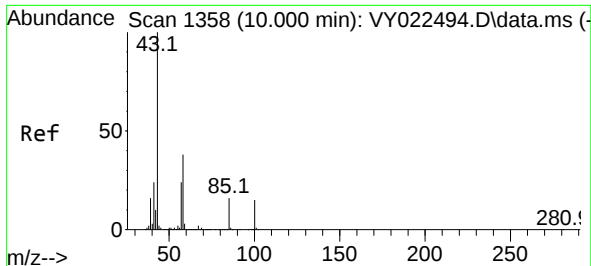
Tgt Ion: 98 Resp: 285718

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

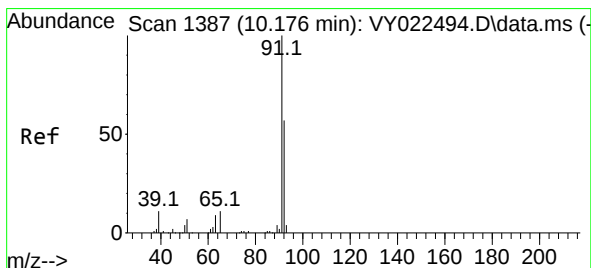
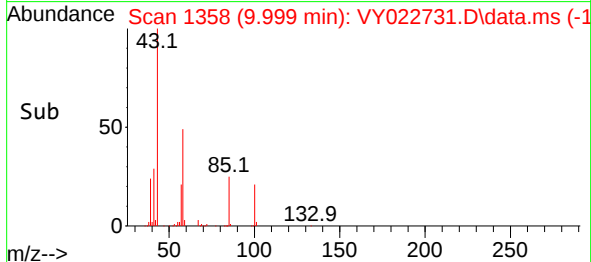
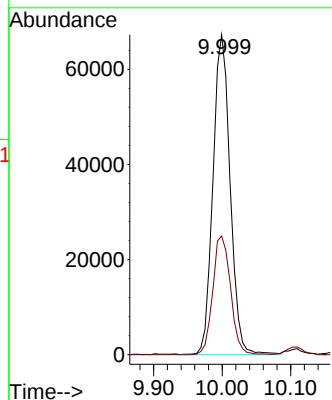
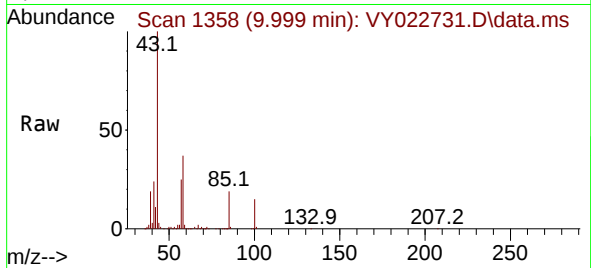




#51
4-Methyl-2-Pentanone
Concen: 107.224 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

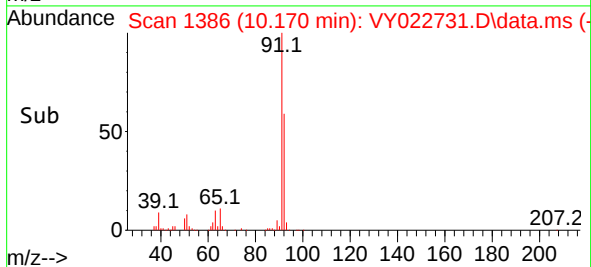
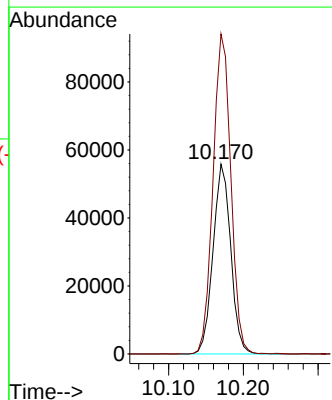
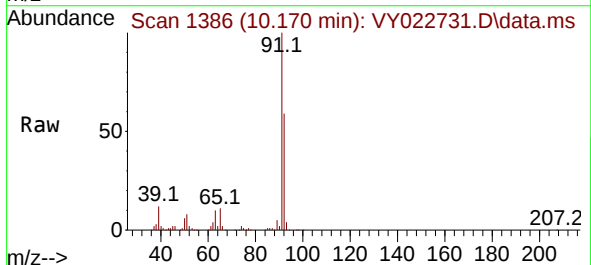
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

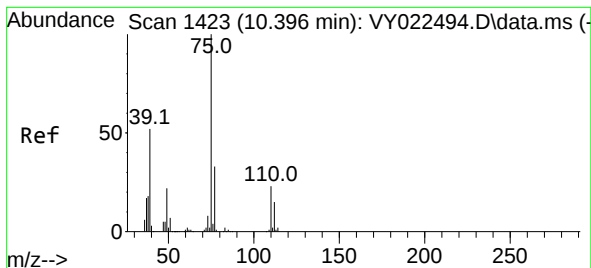
Tgt Ion: 43 Resp: 117304
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6



#52
Toluene
Concen: 21.748 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 92 Resp: 91968
Ion Ratio Lower Upper
92 100
91 169.3 139.0 208.4

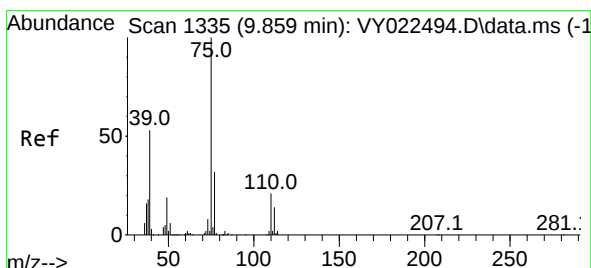
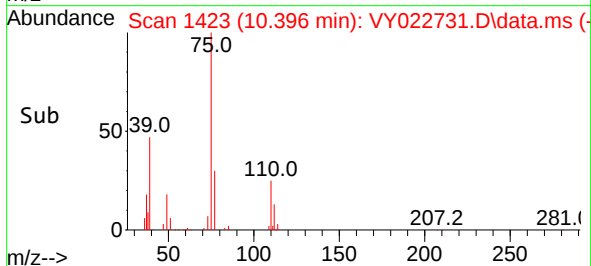
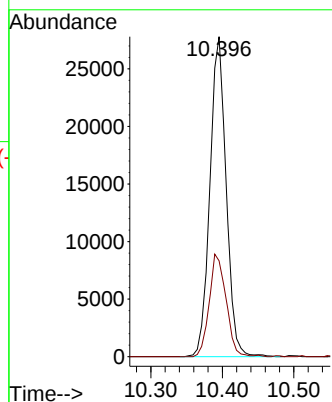
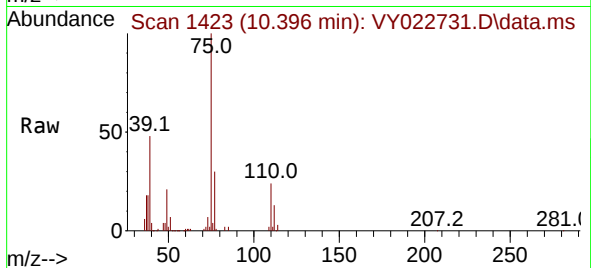




#53
t-1,3-Dichloropropene
Concen: 20.632 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

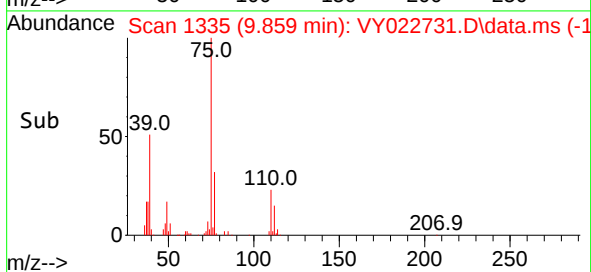
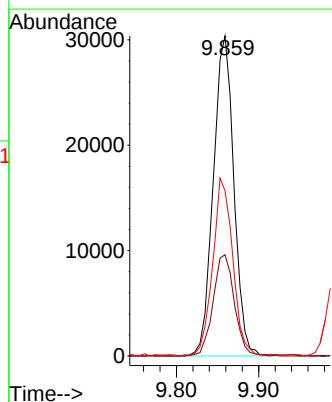
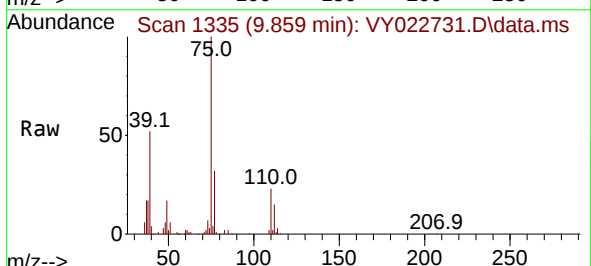
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

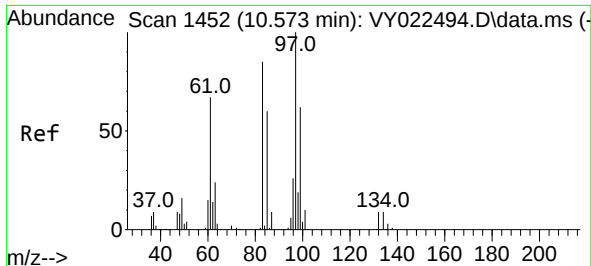
Tgt Ion: 75 Resp: 43855
Ion Ratio Lower Upper
75 100
77 29.9 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 21.281 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 75 Resp: 52658
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 51.6 42.7 64.1

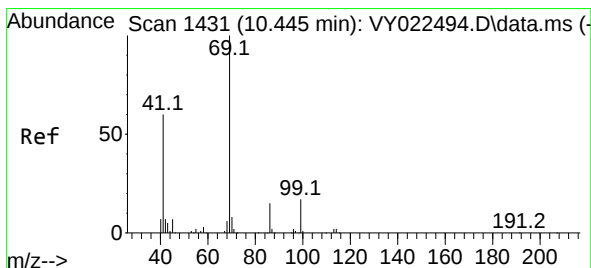
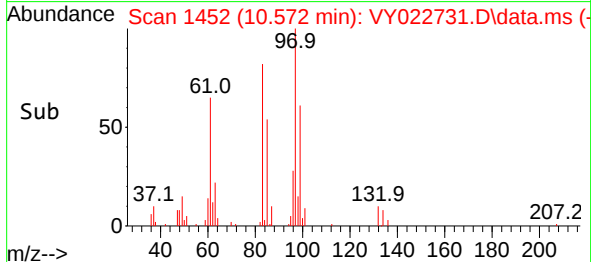
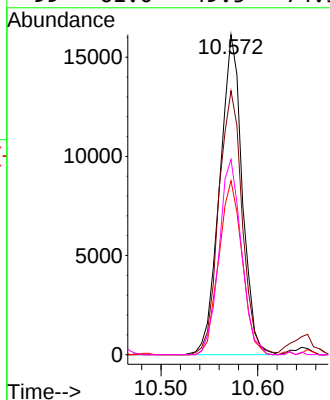
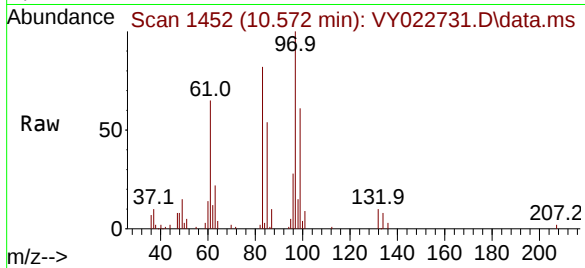




#55
1,1,2-Trichloroethane
Concen: 22.844 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

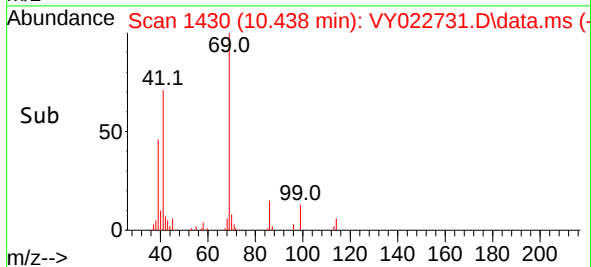
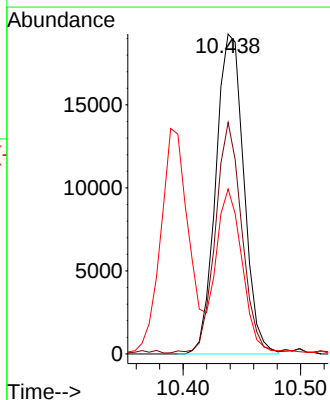
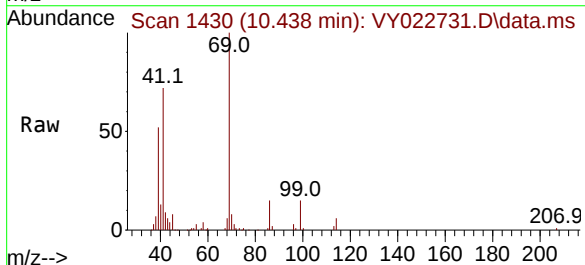
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

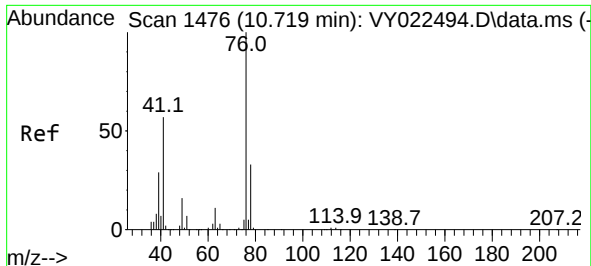
Tgt Ion:	97	Resp:	26062
Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.1	102.1
85	54.4	48.2	72.2
99	61.0	49.5	74.3



#56
Ethyl methacrylate
Concen: 19.345 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion:	69	Resp:	31898
Ion	Ratio	Lower	Upper
69	100		
41	67.9	52.2	78.2
39	46.7	36.7	55.1





#57

1,3-Dichloropropane

Concen: 22.086 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

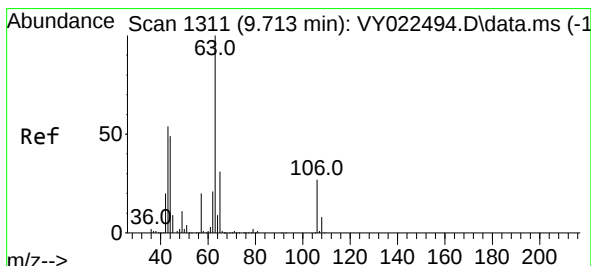
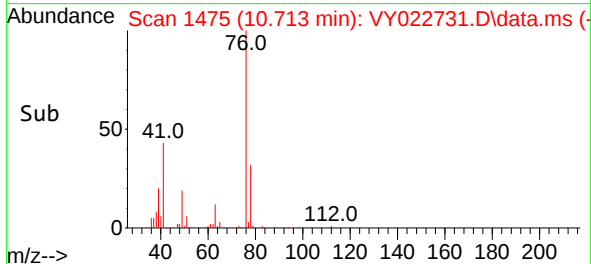
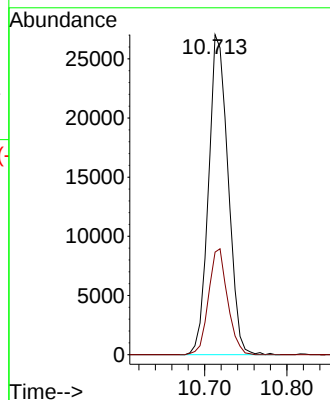
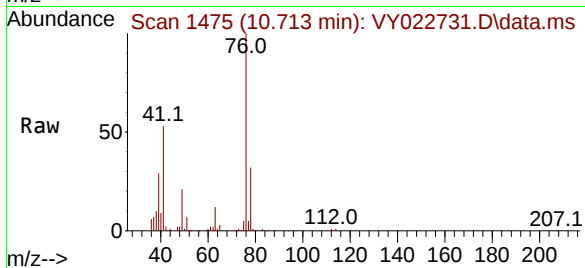
VY0618SBS01

Tgt Ion: 76 Resp: 44659

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 111.260 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022731.D

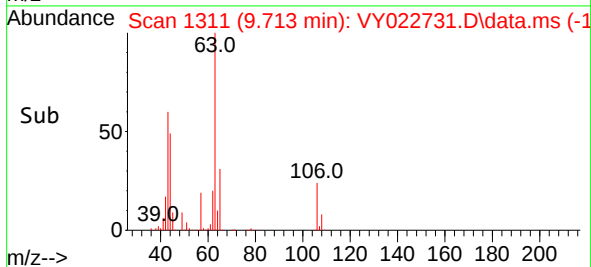
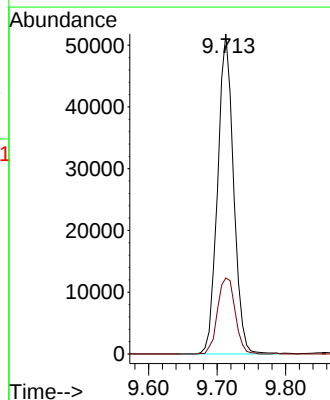
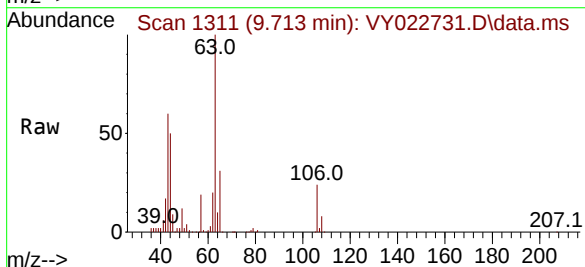
Acq: 18 Jun 2025 11:14

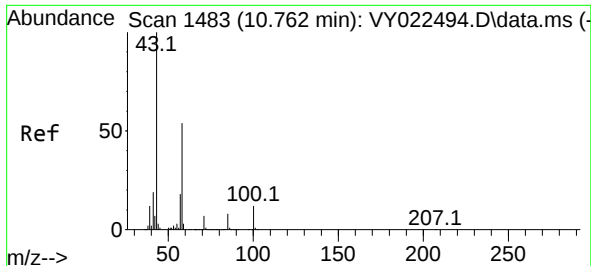
Tgt Ion: 63 Resp: 83294

Ion Ratio Lower Upper

63 100

106 26.3 21.6 32.4

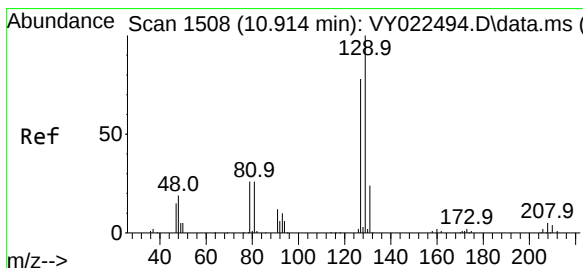
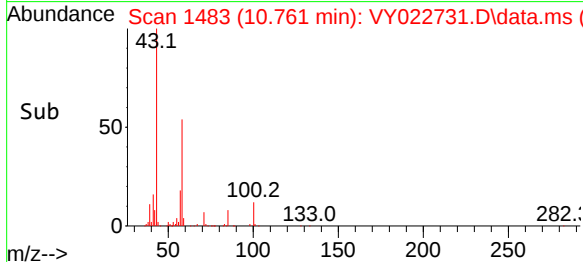
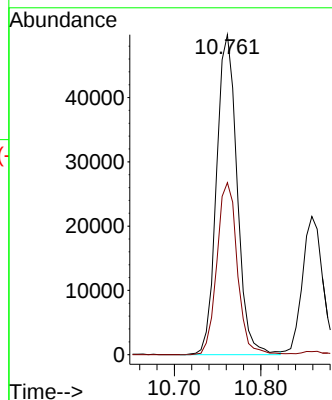
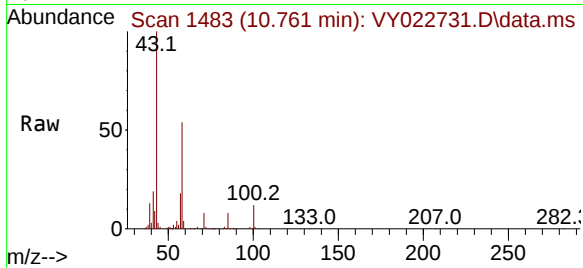




#59
2-Hexanone
Concen: 112.357 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

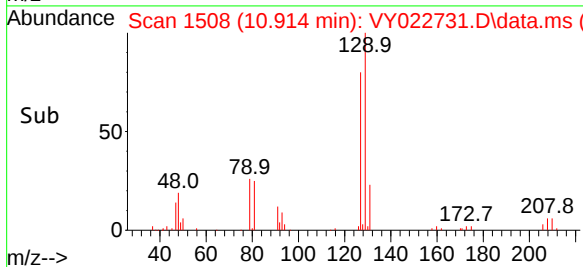
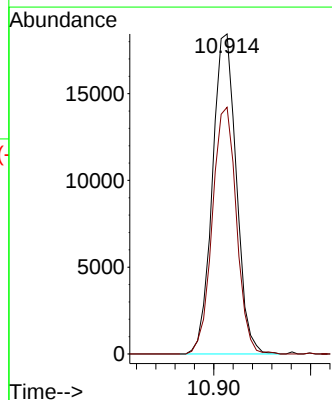
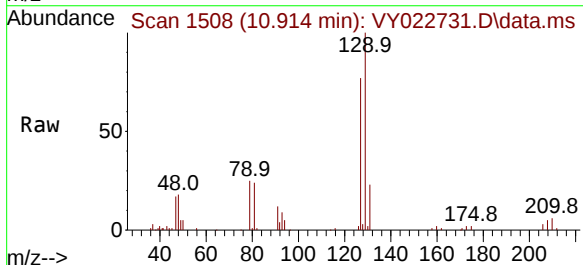
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

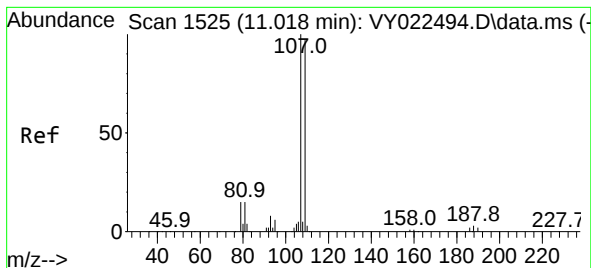
Tgt Ion: 43 Resp: 82208
Ion Ratio Lower Upper
43 100
58 53.3 27.3 81.8



#60
Dibromochloromethane
Concen: 21.819 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 129 Resp: 31634
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.985 ug/l

RT: 11.011 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

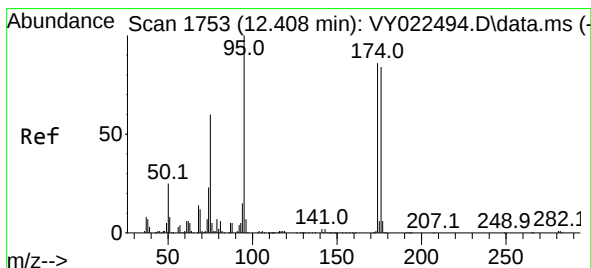
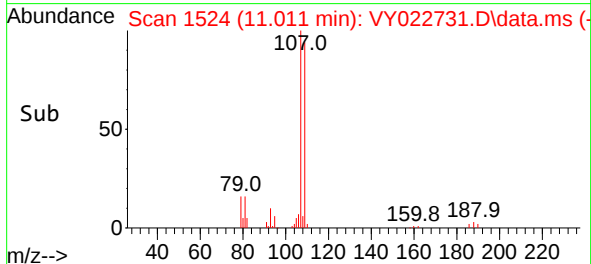
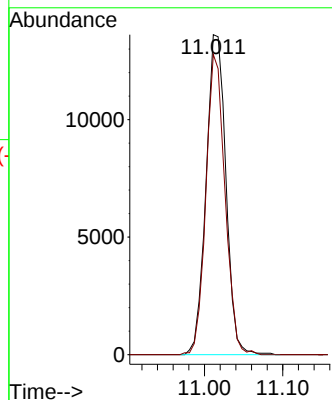
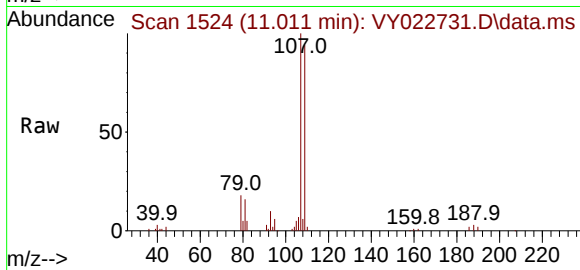
VY0618SBS01

Tgt Ion:107 Resp: 23900

Ion Ratio Lower Upper

107 100

109 90.3 77.7 116.5



#62

4-Bromofluorobenzene

Concen: 47.432 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

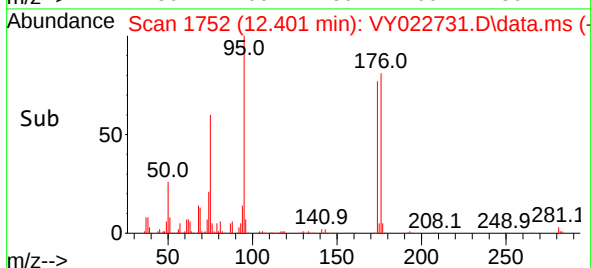
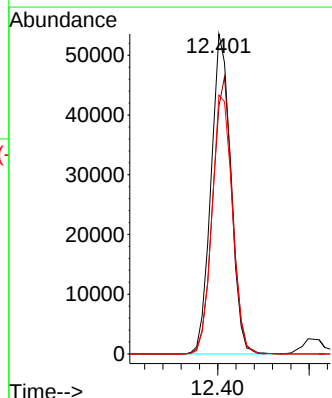
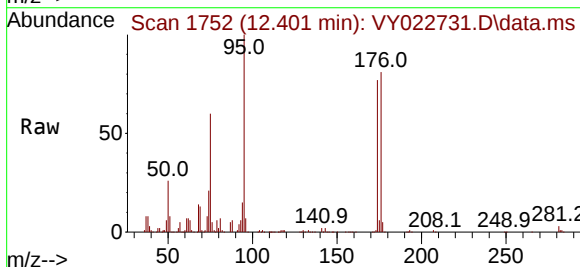
Tgt Ion: 95 Resp: 80159

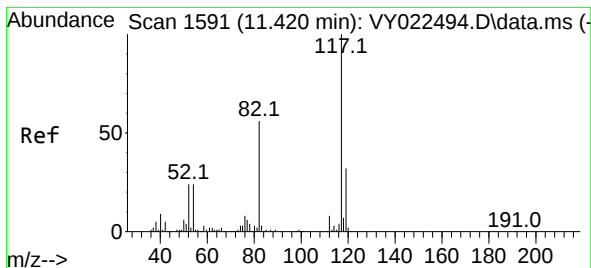
Ion Ratio Lower Upper

95 100

174 86.4 0.0 170.0

176 83.8 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

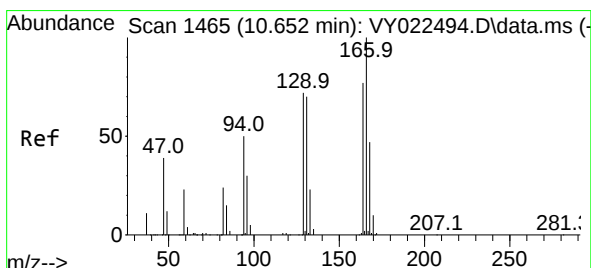
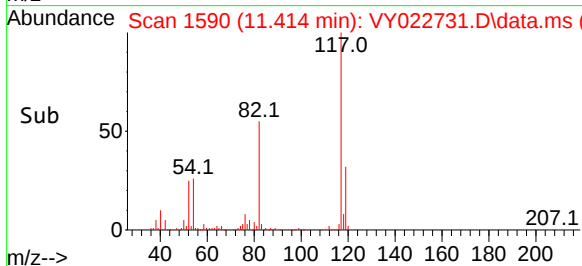
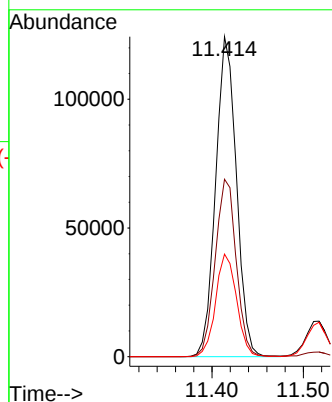
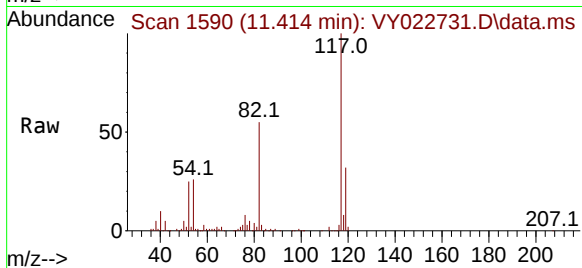
Tgt Ion:117 Resp: 196605

Ion Ratio Lower Upper

117 100

82 55.4 44.6 66.8

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 25.441 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Tgt Ion:164 Resp: 43027

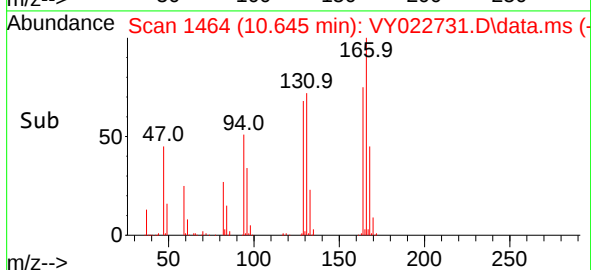
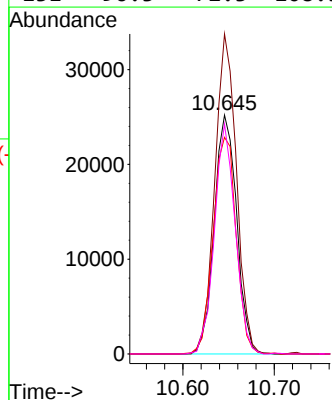
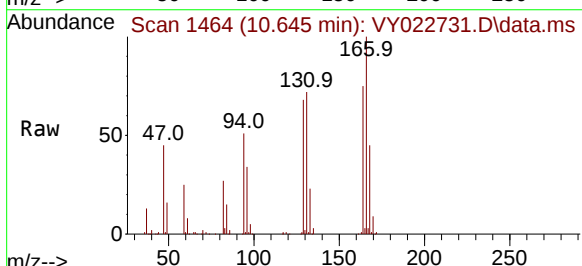
Ion Ratio Lower Upper

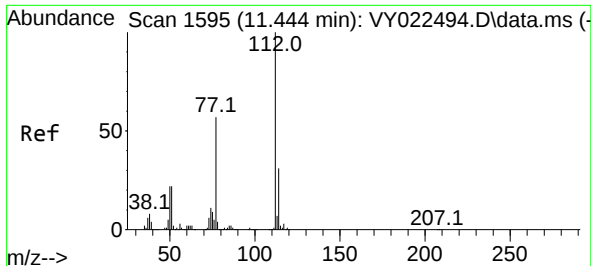
164 100

166 134.0 104.0 156.0

129 90.7 74.5 111.7

131 96.3 72.3 108.5

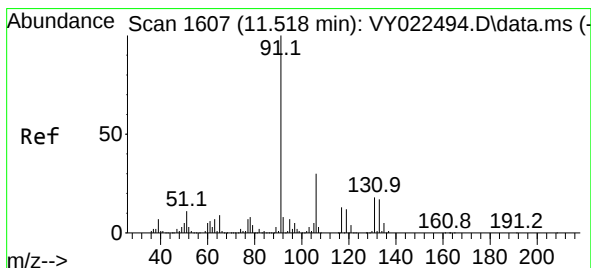
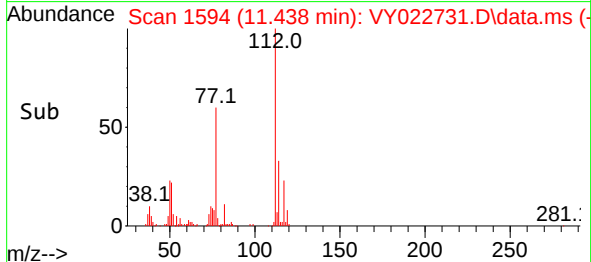
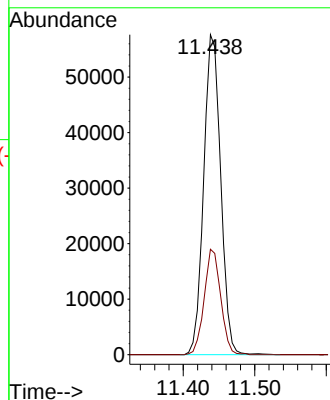
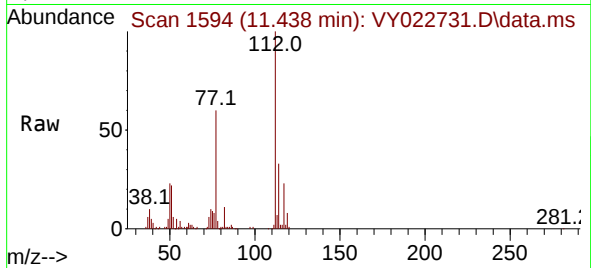




#65
Chlorobenzene
Concen: 21.882 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

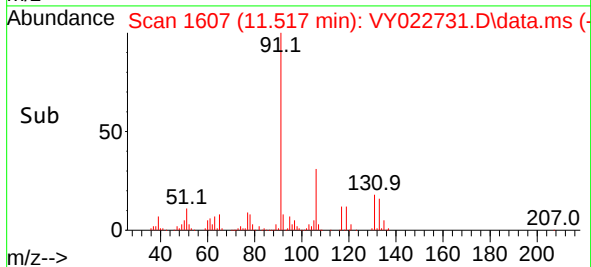
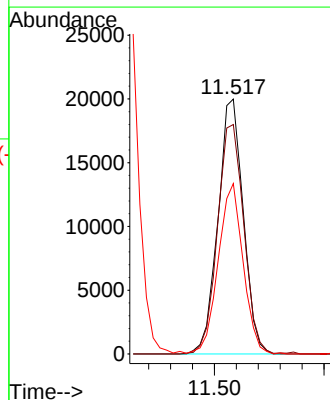
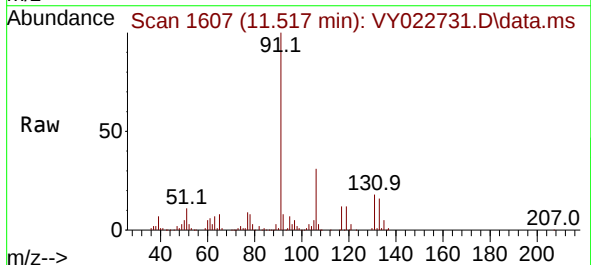
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

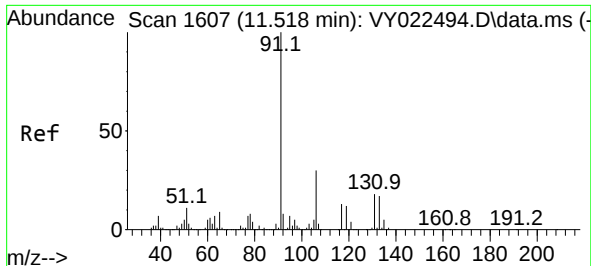
Tgt Ion:112 Resp: 95201
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.848 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion:131 Resp: 32020
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.8
119 65.8 33.1 99.3

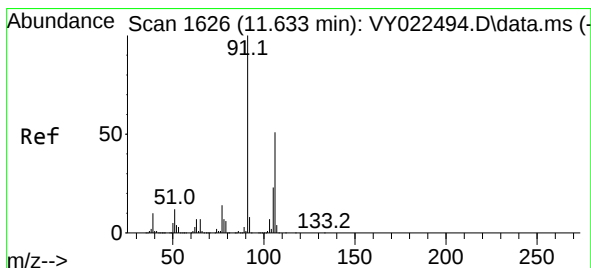
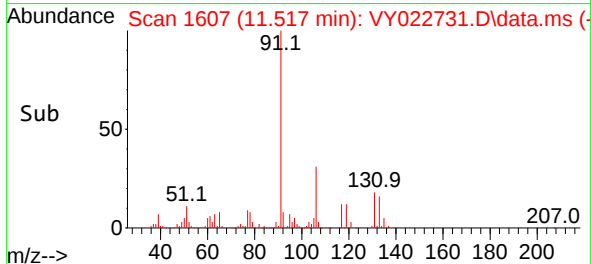
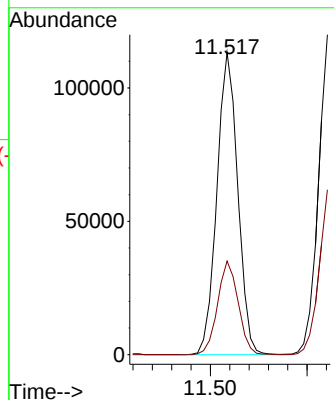
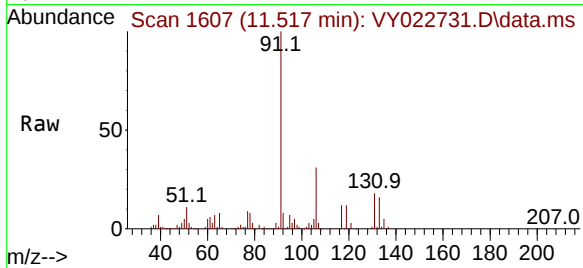




#67
Ethyl Benzene
Concen: 21.001 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

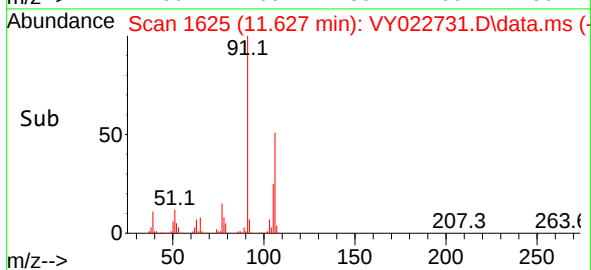
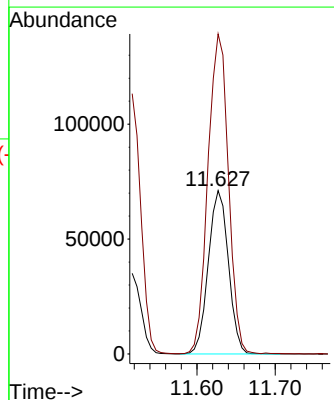
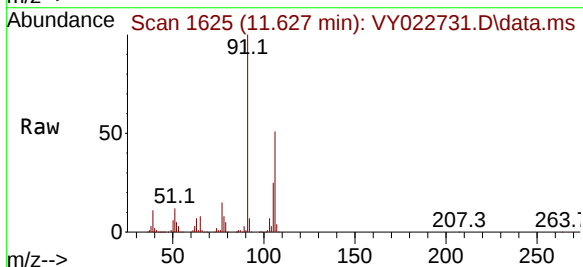
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

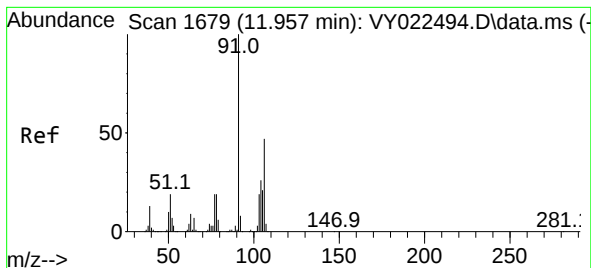
Tgt Ion: 91 Resp: 169464
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 41.394 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion:106 Resp: 126626
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.0





#69

o-Xylene

Concen: 20.757 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

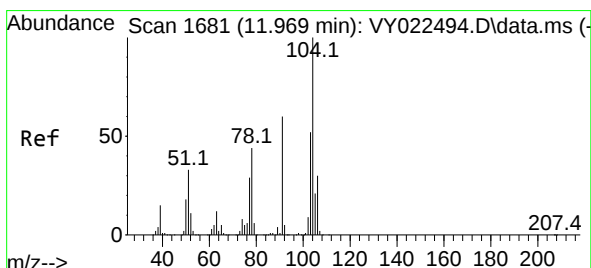
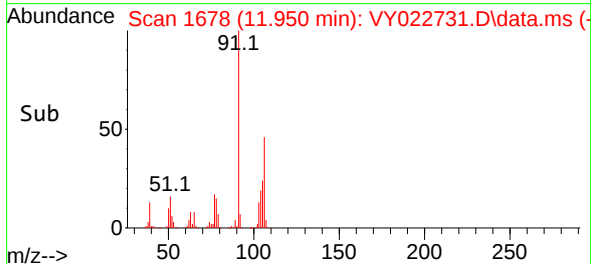
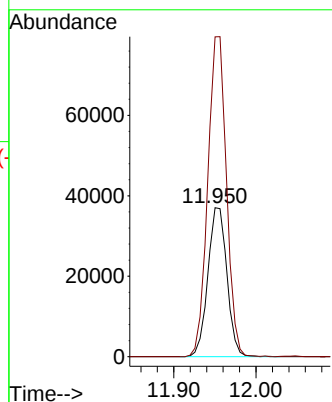
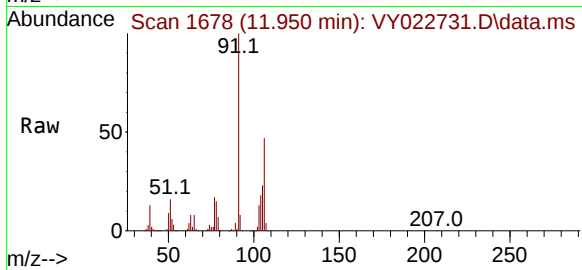
VY0618SBS01

Tgt Ion:106 Resp: 59531

Ion Ratio Lower Upper

106 100

91 211.3 105.8 317.3



#70

Styrene

Concen: 21.146 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

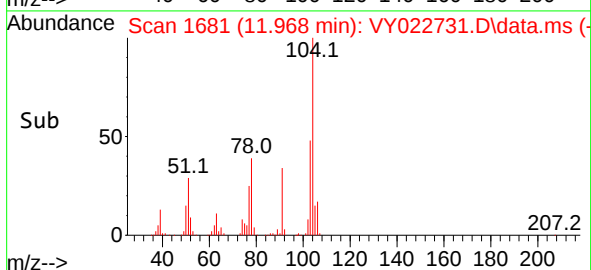
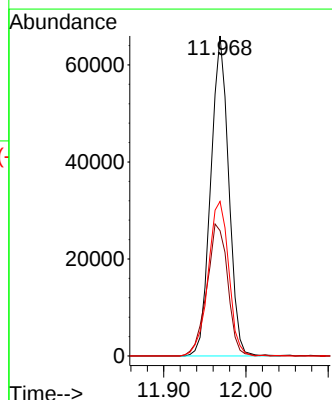
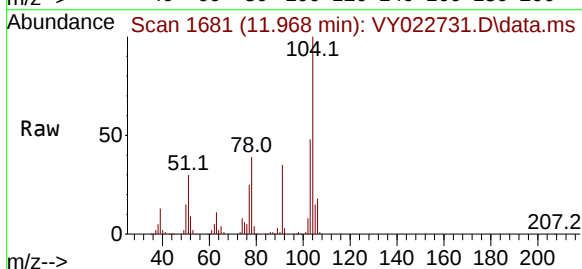
Tgt Ion:104 Resp: 100250

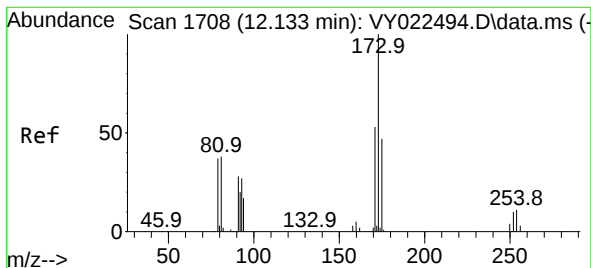
Ion Ratio Lower Upper

104 100

78 47.9 39.5 59.3

103 55.3 44.1 66.1





#71

Bromoform

Concen: 22.350 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

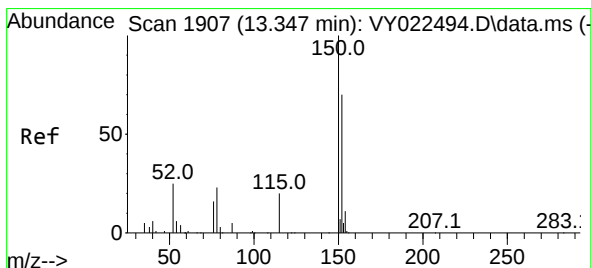
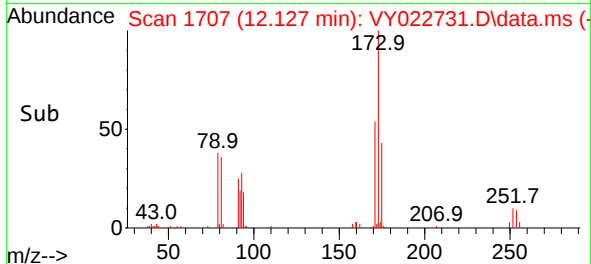
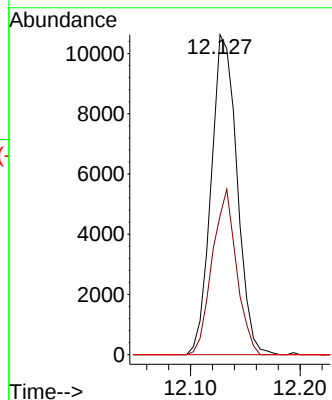
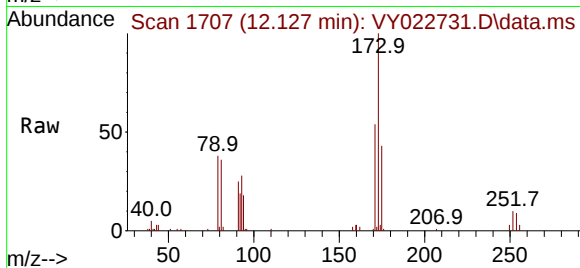
Tgt Ion:173 Resp: 17431

Ion Ratio Lower Upper

173 100

175 48.4 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: VY022731.D

Acq: 18 Jun 2025 11:14

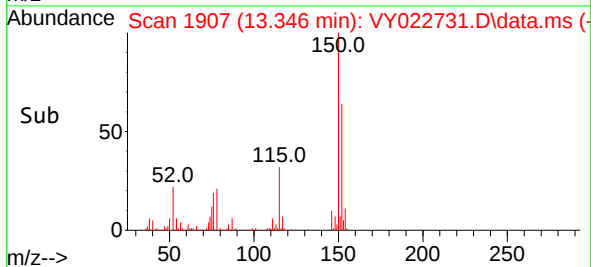
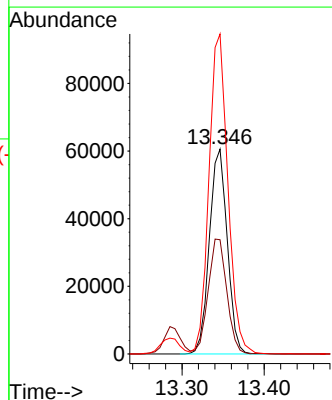
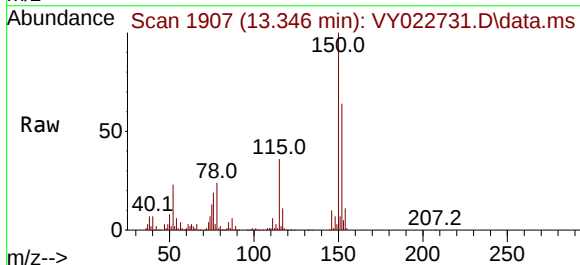
Tgt Ion:152 Resp: 91586

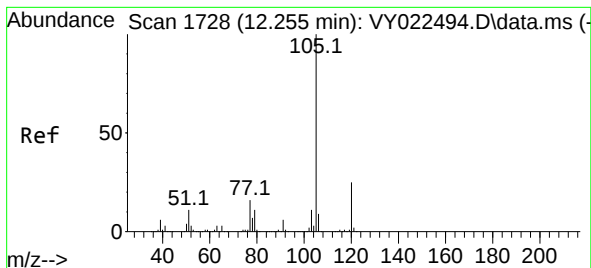
Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.7

150 164.6 0.0 349.6





#73

Isopropylbenzene

Concen: 20.779 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

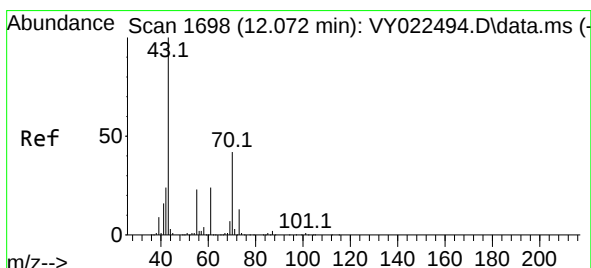
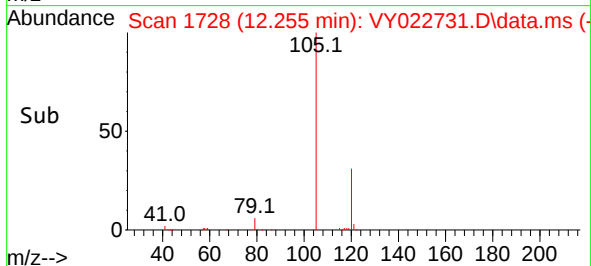
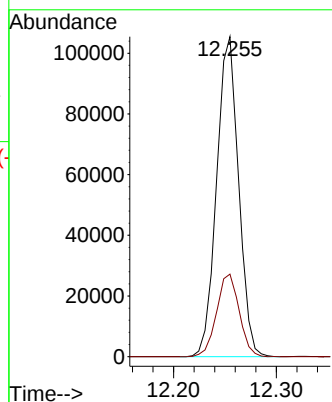
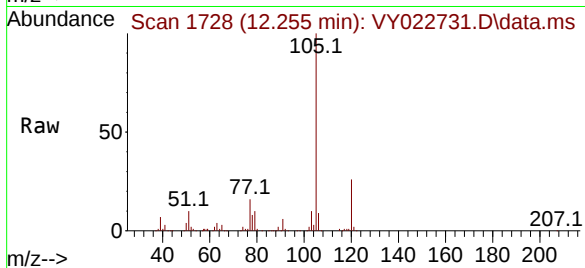
VY0618SBS01

Tgt Ion:105 Resp: 156245

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 20.619 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Tgt Ion: 43 Resp: 39120

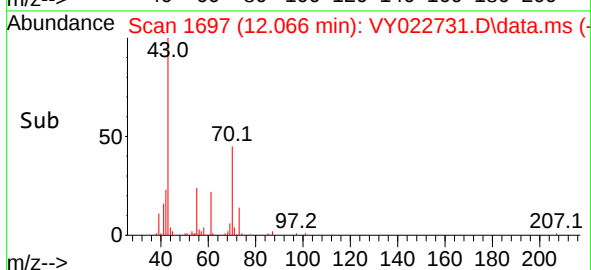
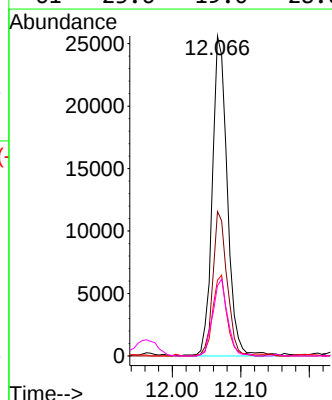
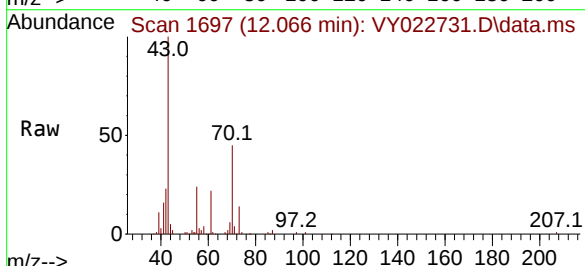
Ion Ratio Lower Upper

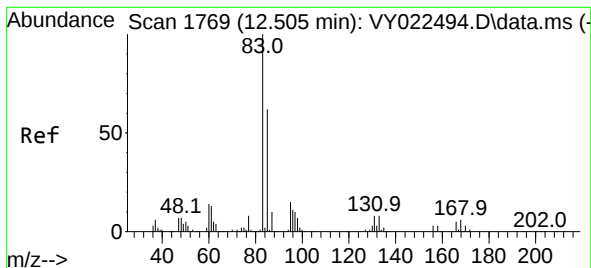
43 100

70 42.6 34.2 51.2

55 23.8 18.2 27.4

61 23.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.383 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

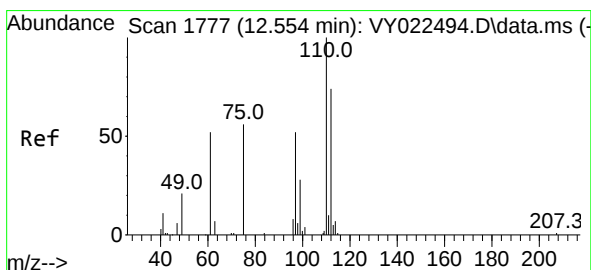
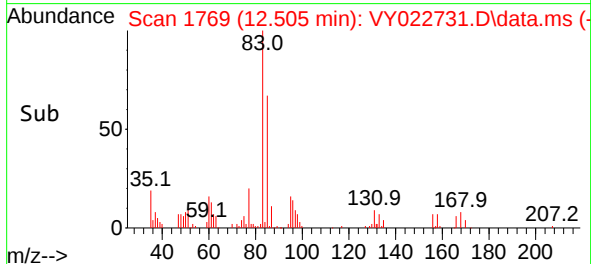
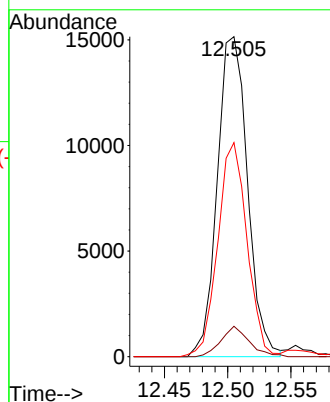
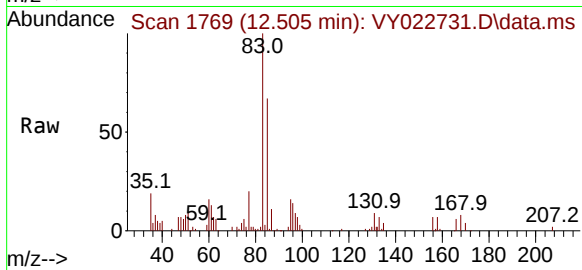
Tgt Ion: 83 Resp: 25155

Ion Ratio Lower Upper

83 100

131 8.8 4.9 14.7

85 64.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.620 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022731.D

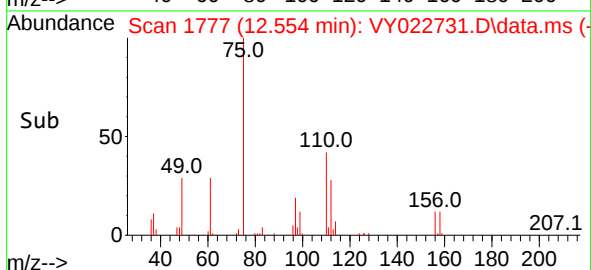
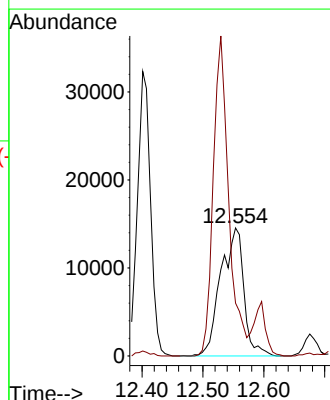
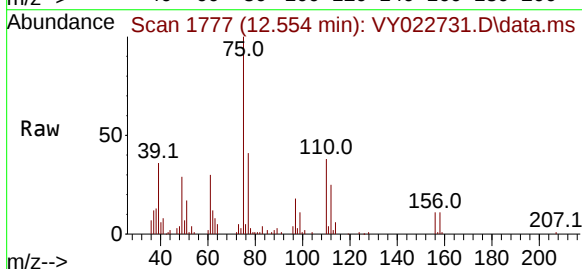
Acq: 18 Jun 2025 11:14

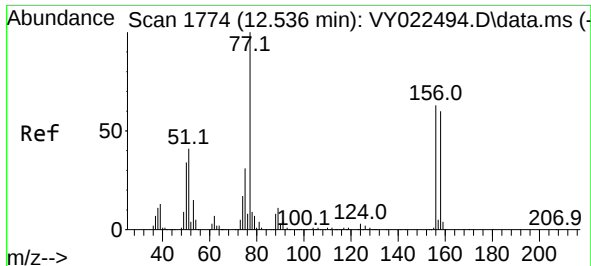
Tgt Ion: 75 Resp: 38370

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

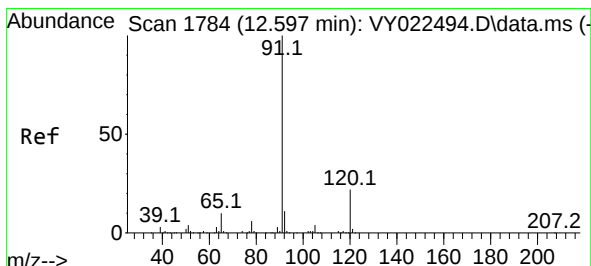
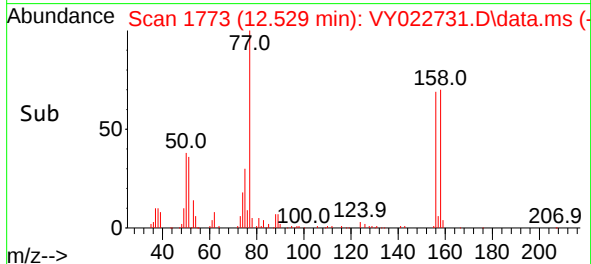
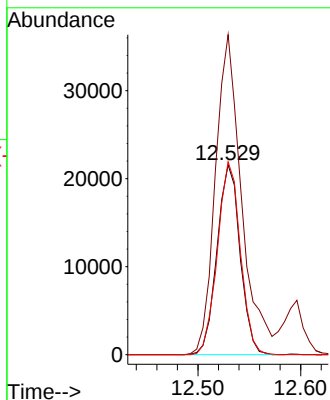
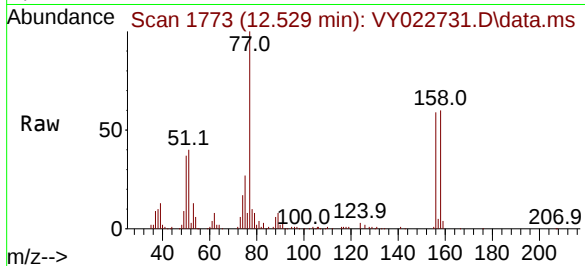




#77
Bromobenzene
Concen: 21.150 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

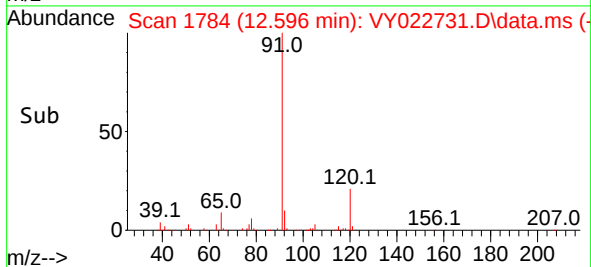
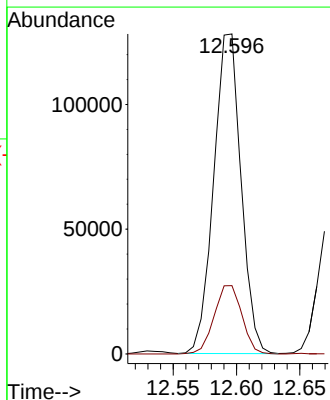
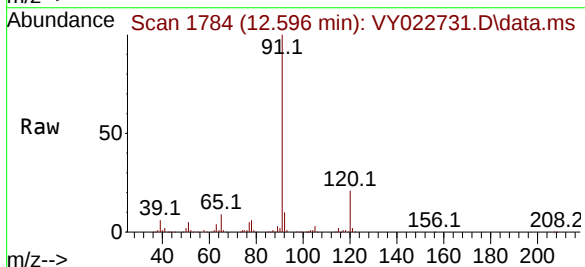
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

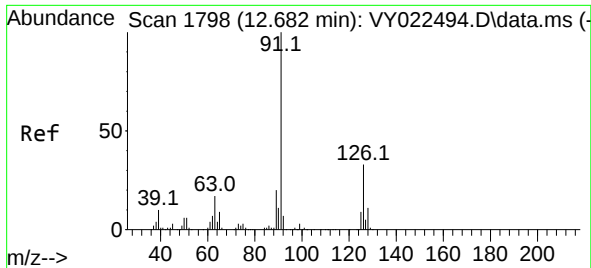
Tgt Ion:156 Resp: 33559
Ion Ratio Lower Upper
156 100
77 191.0 94.0 282.1
158 101.1 48.2 144.6



#78
n-propylbenzene
Concen: 20.954 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 91 Resp: 192441
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4

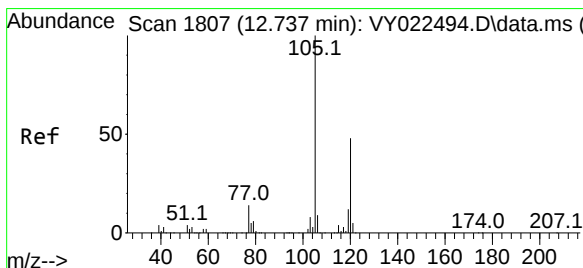
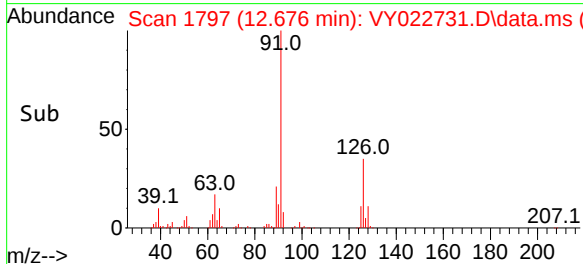
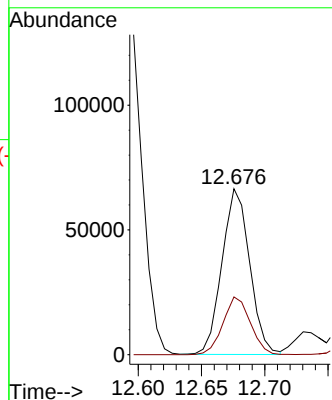
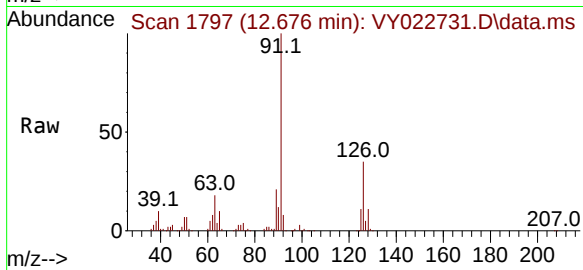




#79
2-Chlorotoluene
Concen: 20.778 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

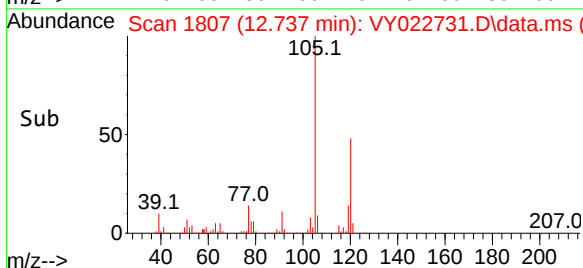
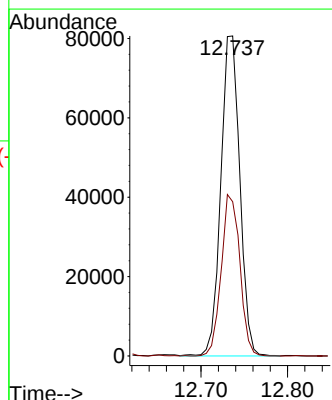
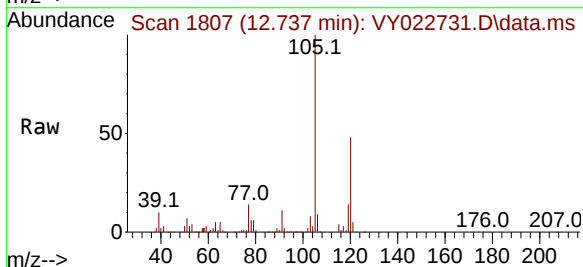
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

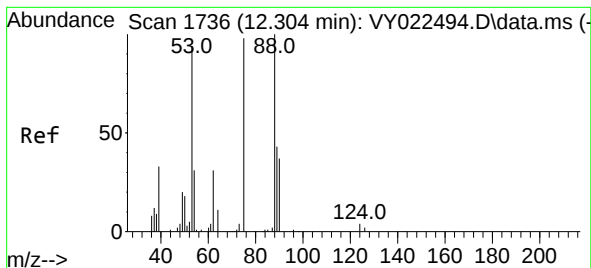
Tgt Ion: 91 Resp: 101139
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.815 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion:105 Resp: 122879
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

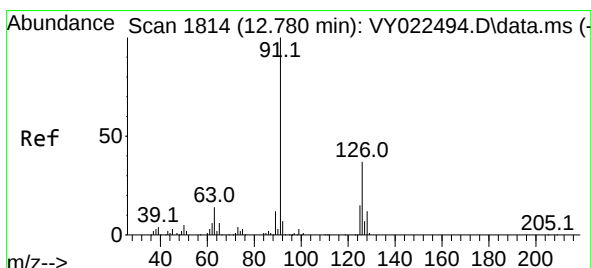
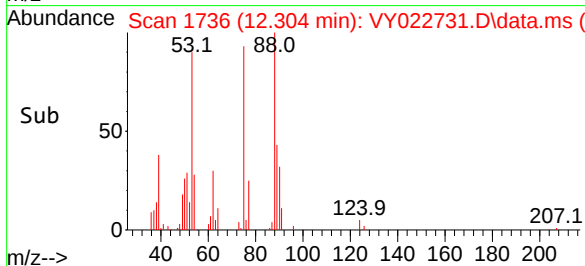
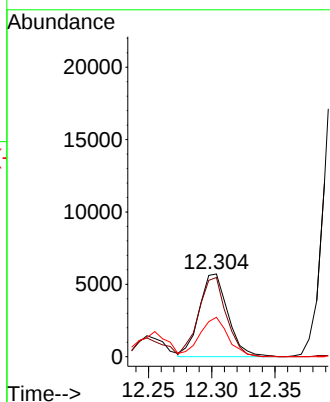
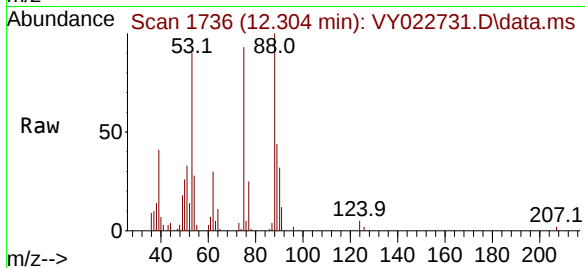




#81
trans-1,4-Dichloro-2-butene
Concen: 20.808 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

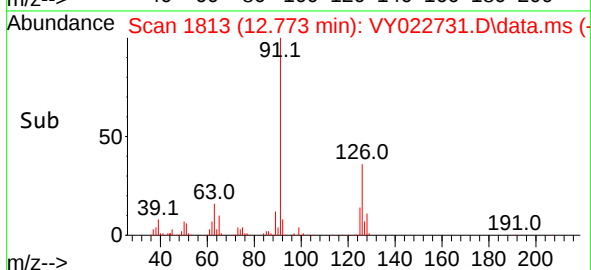
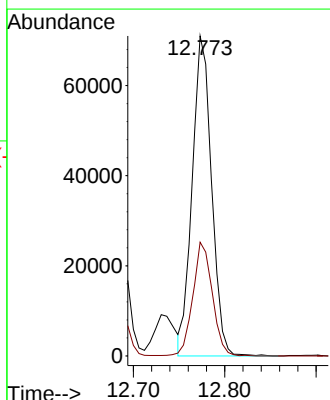
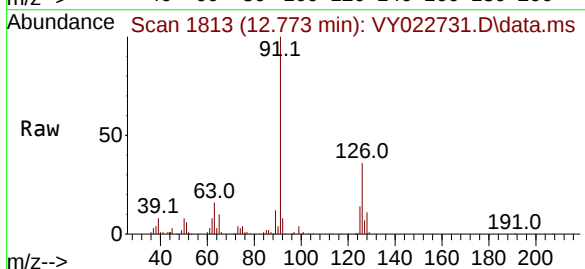
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

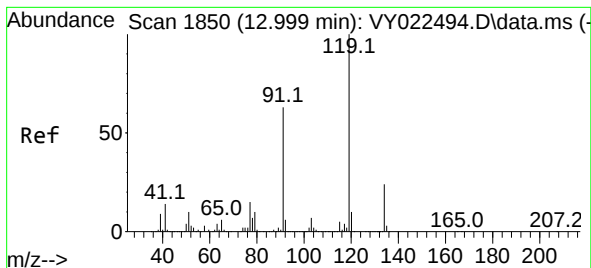
Tgt Ion: 75 Resp: 9028
Ion Ratio Lower Upper
75 100
53 93.1 78.5 117.7
89 46.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.817 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022731.D
Acq: 18 Jun 2025 11:14

Tgt Ion: 91 Resp: 104527
Ion Ratio Lower Upper
91 100
126 35.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.026 ug/l

RT: 12.993 min Scan# 111402

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBSD01

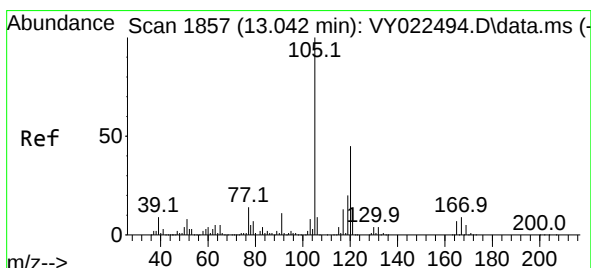
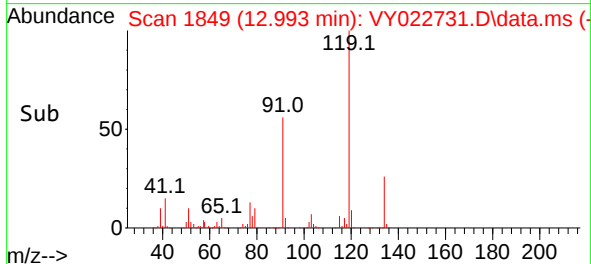
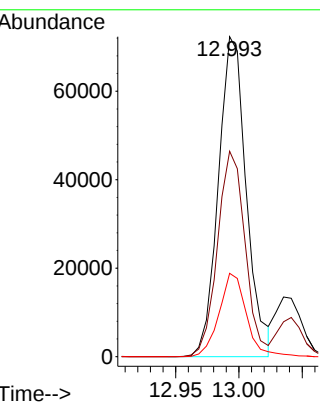
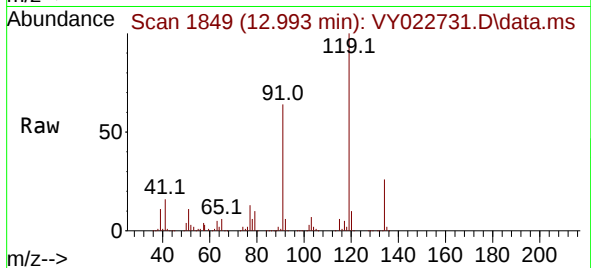
Tgt Ion:119 Resp: 111402

Ion Ratio Lower Upper

119 100

91 63.5 32.1 96.3

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.536 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022731.D

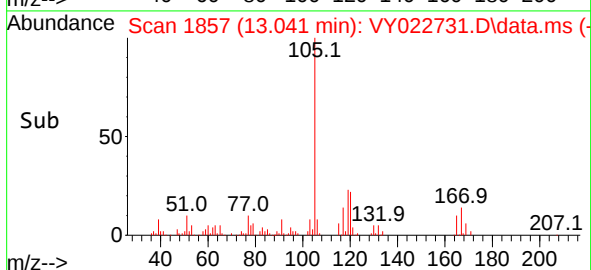
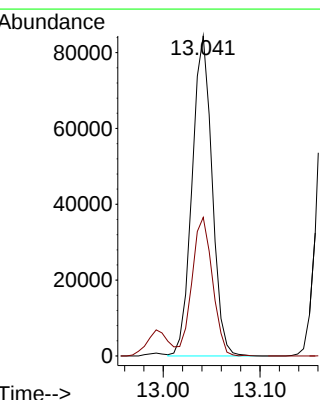
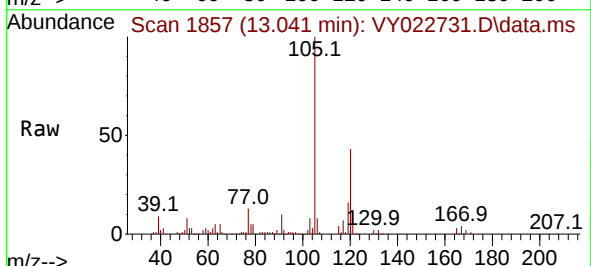
Acq: 18 Jun 2025 11:14

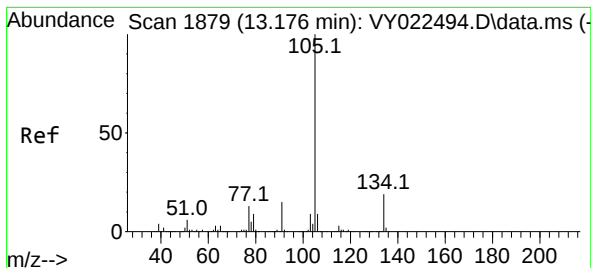
Tgt Ion:105 Resp: 121251

Ion Ratio Lower Upper

105 100

120 44.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.767 ug/l

RT: 13.169 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

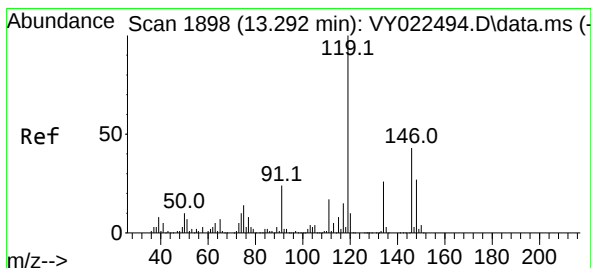
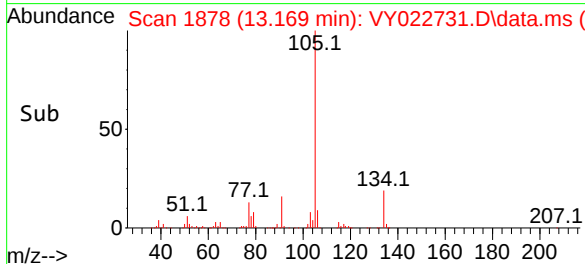
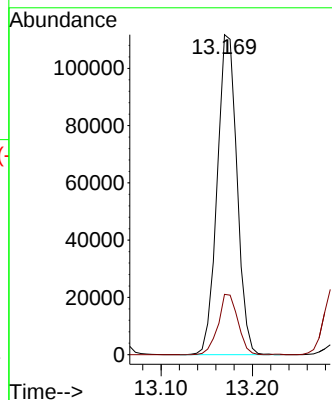
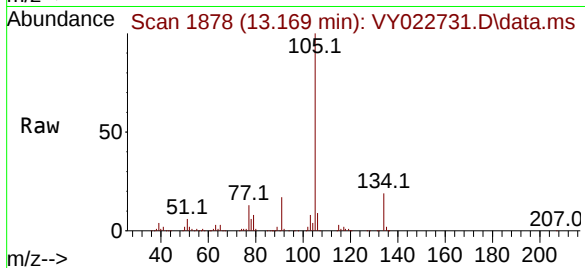
VY0618SBS01

Tgt Ion:105 Resp: 168515

Ion Ratio Lower Upper

105 100

134 18.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.277 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

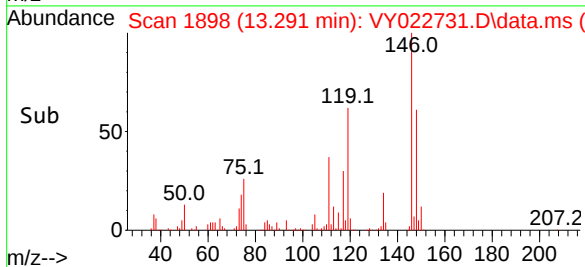
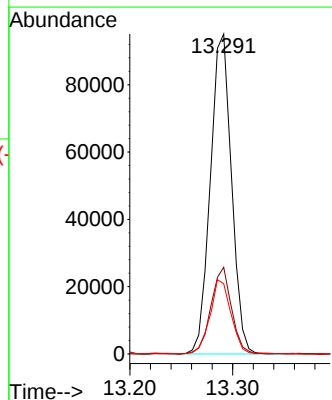
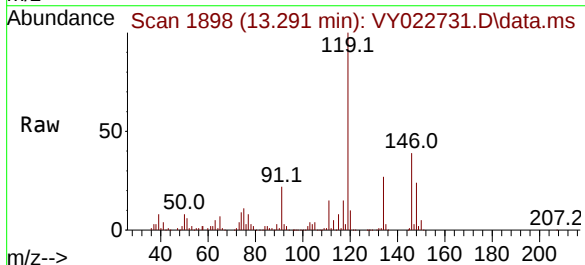
Tgt Ion:119 Resp: 135623

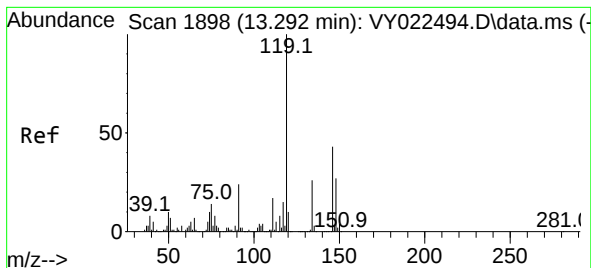
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 21.173 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

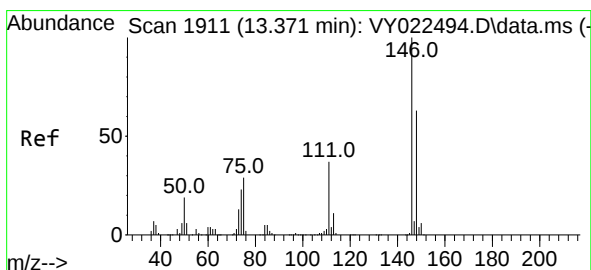
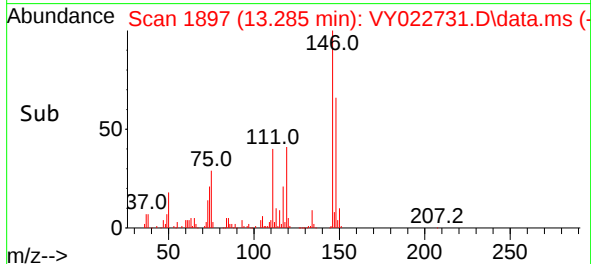
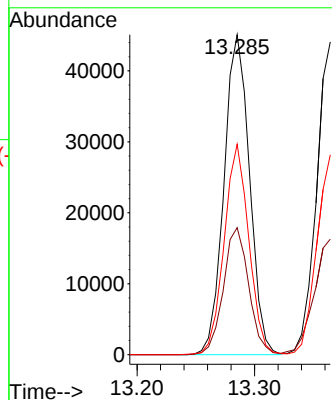
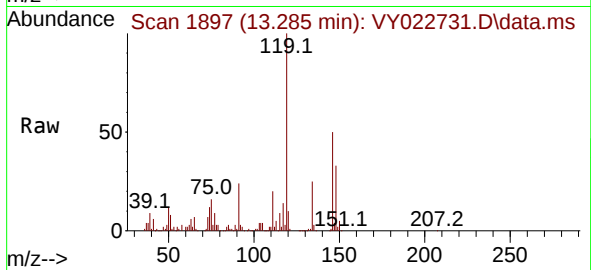
Tgt Ion:146 Resp: 68068

Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

148 63.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 21.599 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

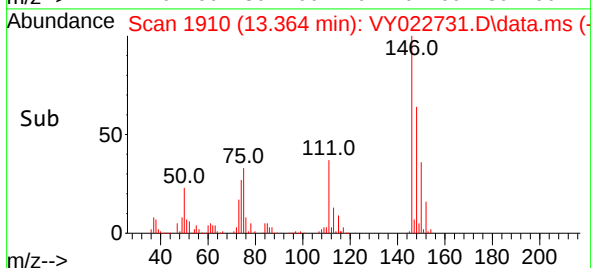
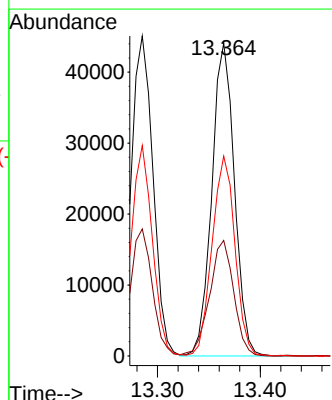
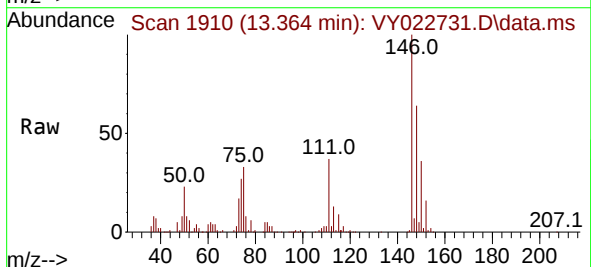
Tgt Ion:146 Resp: 67350

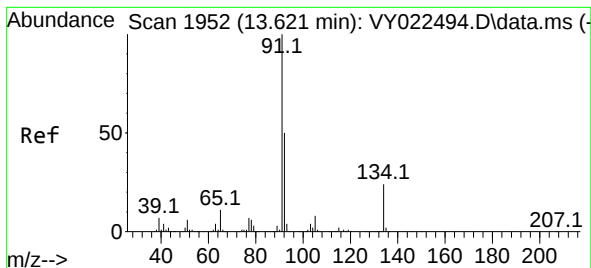
Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 20.524 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

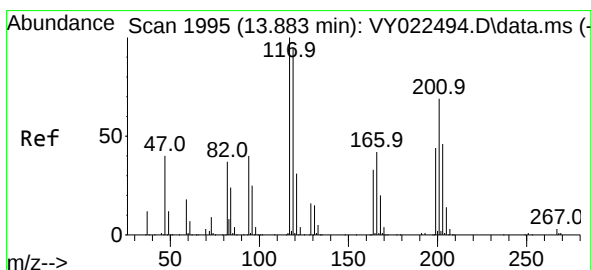
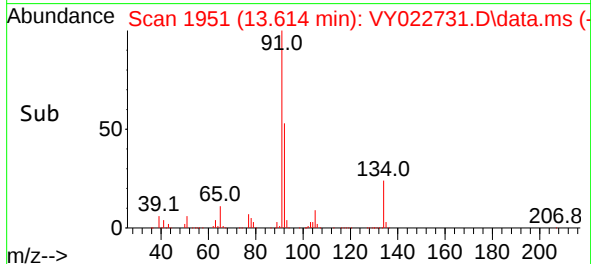
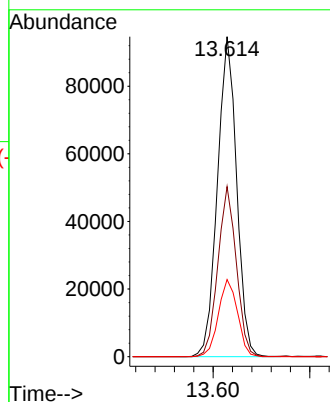
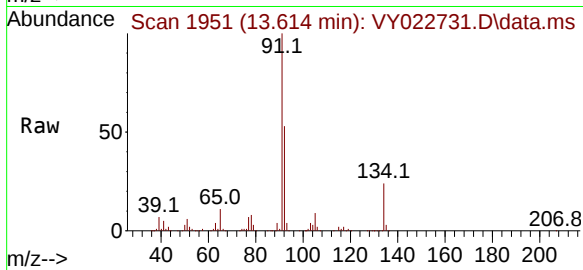
Tgt Ion: 91 Resp: 130243

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 21.832 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022731.D

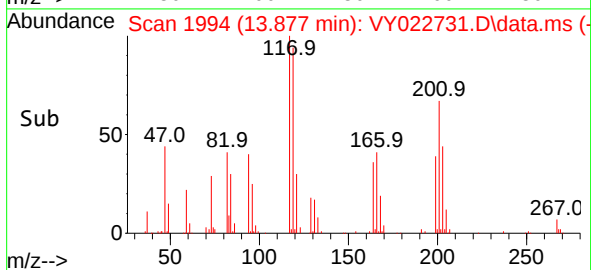
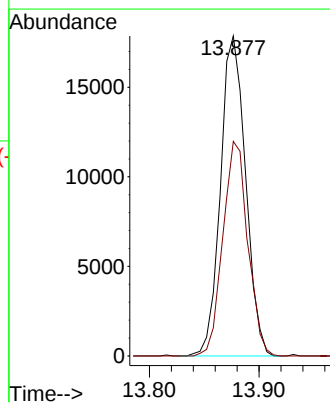
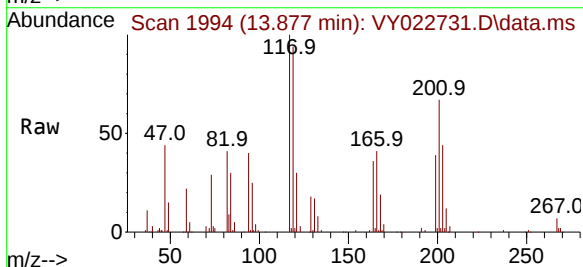
Acq: 18 Jun 2025 11:14

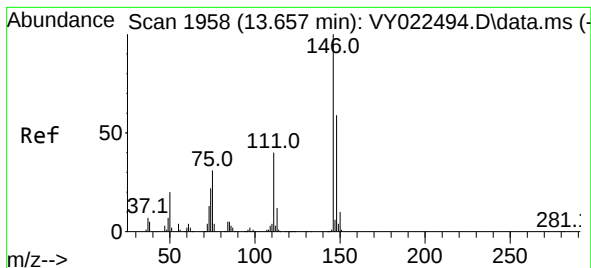
Tgt Ion: 117 Resp: 28429

Ion Ratio Lower Upper

117 100

201 66.6 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 21.534 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBSD01

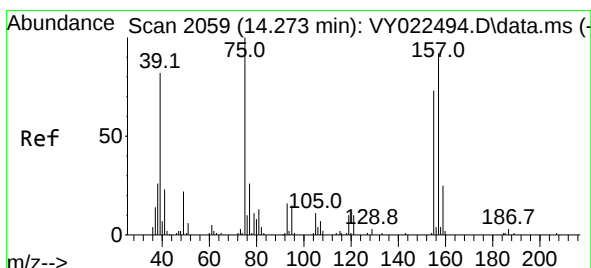
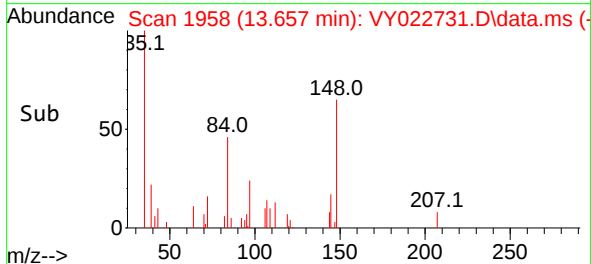
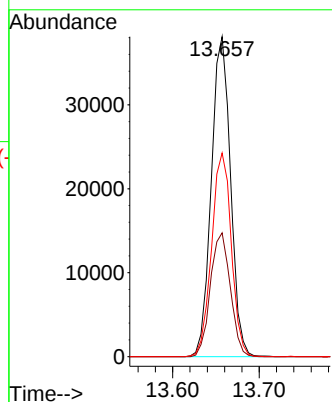
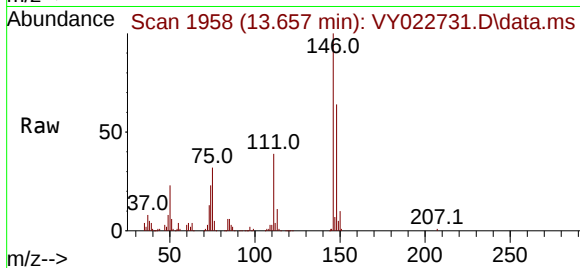
Tgt Ion:146 Resp: 58779

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.6

148 65.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.553 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

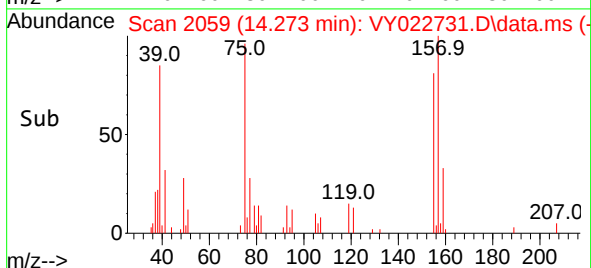
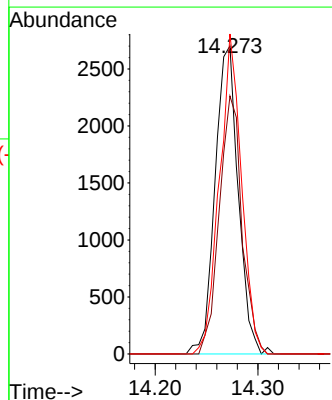
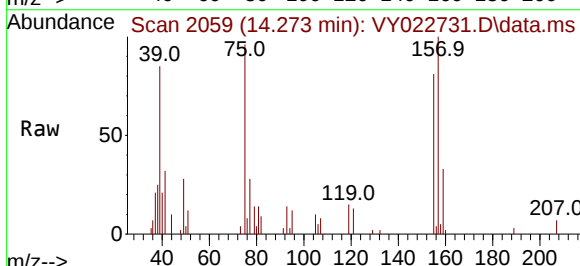
Tgt Ion: 75 Resp: 4232

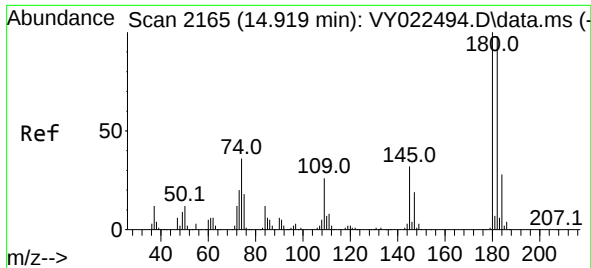
Ion Ratio Lower Upper

75 100

155 82.1 39.9 119.6

157 98.8 54.0 162.0

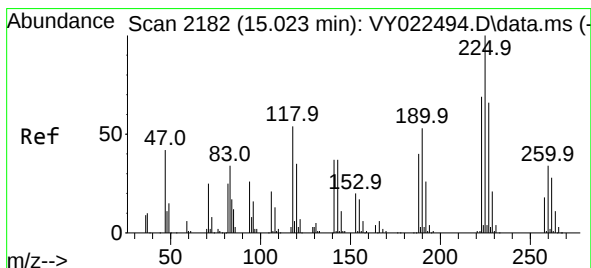
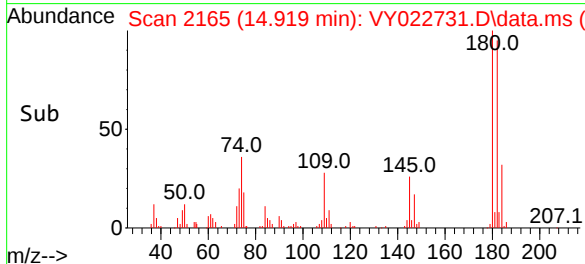
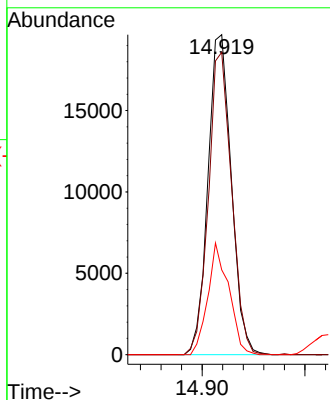
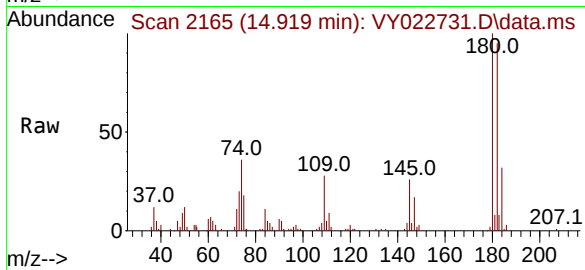




#93
 1,2,4-Trichlorobenzene
 Concen: 20.814 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022731.D
 Acq: 18 Jun 2025 11:14

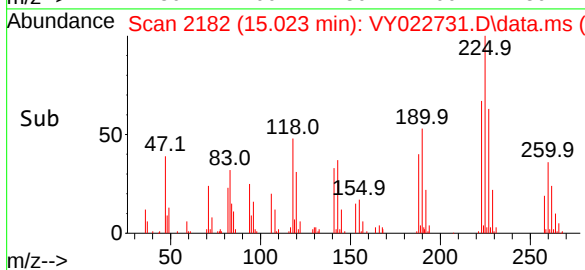
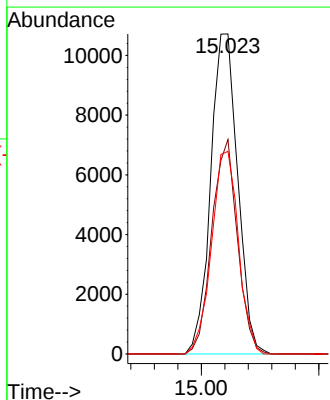
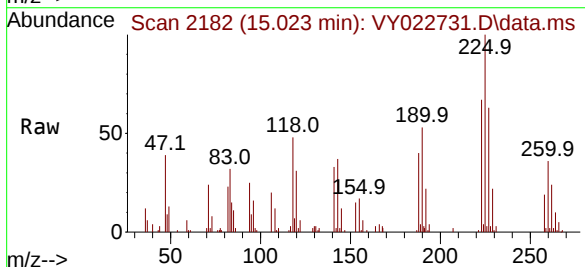
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

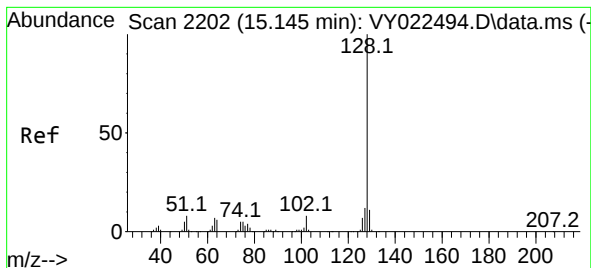
Tgt Ion:180 Resp: 30985
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.4 145.3
 145 31.5 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 20.857 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022731.D
 Acq: 18 Jun 2025 11:14

Tgt Ion:225 Resp: 17137
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.5 97.4
 227 63.0 32.3 96.9





#95

Naphthalene

Concen: 20.111 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBSD01

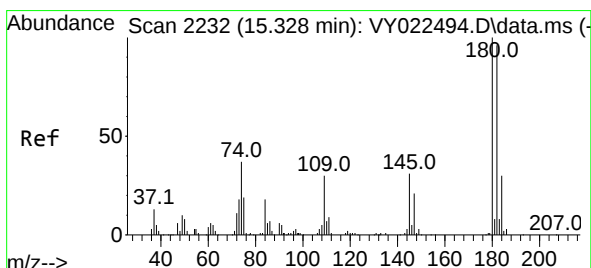
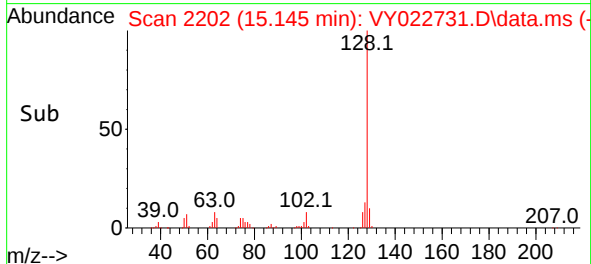
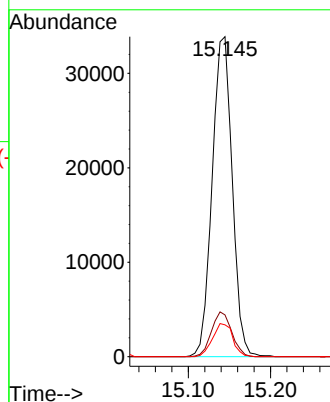
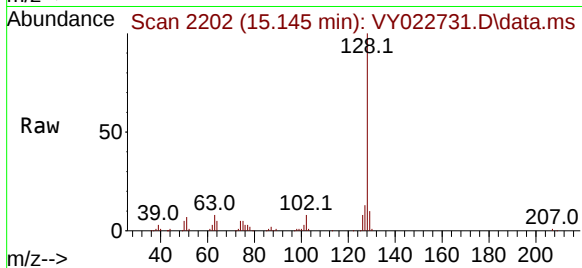
Tgt Ion:128 Resp: 57453

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

129 10.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.619 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022731.D

Acq: 18 Jun 2025 11:14

Tgt Ion:180 Resp: 27582

Ion Ratio Lower Upper

180 100

182 92.2 47.1 141.3

145 33.1 15.2 45.6

