

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022730.D
 Acq On : 18 Jun 2025 10:51
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Quant Time: Jun 19 03:57:20 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	136345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	232845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	201128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	92649	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	82599	54.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.634	113	76108	54.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.520%	
50) Toluene-d8	10.109	98	296400	52.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.407	95	86110	51.464	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26903	22.039	ug/l	94
3) Chloromethane	2.074	50	73184	20.294	ug/l	95
4) Vinyl Chloride	2.208	62	97719	23.358	ug/l	98
5) Bromomethane	2.592	94	98408	24.542	ug/l	98
6) Chloroethane	2.732	64	71654	24.954	ug/l	97
7) Trichlorofluoromethane	3.049	101	88327	24.870	ug/l	94
8) Diethyl Ether	3.458	74	17596	22.000	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	33636	22.487	ug/l	98
10) Methyl Iodide	4.007	142	30376	18.765	ug/l	99
11) Tert butyl alcohol	4.872	59	10947	100.508	ug/l	97
12) 1,1-Dichloroethene	3.787	96	30087	21.043	ug/l	91
13) Acrolein	3.653	56	8772	64.625	ug/l	100
14) Allyl chloride	4.391	41	44341	19.755	ug/l	93
15) Acrylonitrile	5.073	53	37103	109.534	ug/l	97
16) Acetone	3.872	43	47640	153.829	ug/l	94
17) Carbon Disulfide	4.110	76	91966	20.091	ug/l	97
18) Methyl Acetate	4.384	43	19827	21.620	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	85508	21.233	ug/l	98
20) Methylene Chloride	4.622	84	40721	23.148	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	35026	21.888	ug/l	95
22) Diisopropyl ether	6.024	45	108410	21.698	ug/l	98
23) Vinyl Acetate	5.963	43	311776	105.431	ug/l	98
24) 1,1-Dichloroethane	5.915	63	65459	22.240	ug/l	98
25) 2-Butanone	6.902	43	56957	127.502	ug/l	95
26) 2,2-Dichloropropane	6.890	77	57988	22.298	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	41240	22.296	ug/l	99
28) Bromochloromethane	7.250	49	29782	23.212	ug/l	98
29) Tetrahydrofuran	7.274	42	29922	103.853	ug/l	98
30) Chloroform	7.427	83	68340	23.441	ug/l	99
31) Cyclohexane	7.707	56	58668	20.021	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	58195	22.486	ug/l	99
36) 1,1-Dichloropropene	7.841	75	46773	20.736	ug/l	96
37) Ethyl Acetate	6.988	43	20147	20.029	ug/l	97
38) Carbon Tetrachloride	7.823	117	50074	21.640	ug/l	97
39) Methylcyclohexane	9.109	83	58998	19.463	ug/l	96
40) Benzene	8.085	78	147900	22.200	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022730.D
 Acq On : 18 Jun 2025 10:51
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Quant Time: Jun 19 03:57:20 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)
41) Methacrylonitrile	7.225	41	10641	18.110	ug/l #	65
42) 1,2-Dichloroethane	8.158	62	40187	22.092	ug/l	99
43) Isopropyl Acetate	8.201	43	44403	20.439	ug/l #	84
44) Trichloroethene	8.871	130	35060	21.532	ug/l	96
45) 1,2-Dichloropropane	9.146	63	35130	22.312	ug/l	92
46) Dibromomethane	9.231	93	19314	21.804	ug/l	99
47) Bromodichloromethane	9.426	83	51307	22.843	ug/l	96
48) Methyl methacrylate	9.225	41	20785	20.385	ug/l	98
49) 1,4-Dioxane	9.237	88	4528	431.478	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	114227	105.459	ug/l	99
52) Toluene	10.176	92	89214	21.309	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	43426	20.635	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	53438	21.813	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	26103	23.110	ug/l	96
56) Ethyl methacrylate	10.444	69	31952	19.572	ug/l	96
57) 1,3-Dichloropropane	10.719	76	44463	22.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	78859	106.394	ug/l	99
59) 2-Hexanone	10.761	43	82695	114.158	ug/l	98
60) Dibromochloromethane	10.914	129	31860	22.196	ug/l	98
61) 1,2-Dibromoethane	11.017	107	23416	22.745	ug/l	95
64) Tetrachloroethene	10.652	164	36911	21.334	ug/l	93
65) Chlorobenzene	11.444	112	94455	21.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	32189	21.469	ug/l	99
67) Ethyl Benzene	11.523	91	167371	20.275	ug/l	99
68) m/p-Xylenes	11.627	106	126280	40.352	ug/l	100
69) o-Xylene	11.956	106	58632	19.983	ug/l	99
70) Styrene	11.968	104	98486	20.307	ug/l	99
71) Bromoform	12.133	173	16332	20.470	ug/l #	97
73) Isopropylbenzene	12.255	105	155001	20.378	ug/l	98
74) N-amyl acetate	12.072	43	37153	19.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	27837	22.298	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	36934	34.845	ug/l #	100
77) Bromobenzene	12.535	156	34465	21.471	ug/l	99
78) n-propylbenzene	12.596	91	191857	20.651	ug/l	99
79) 2-Chlorotoluene	12.682	91	102147	20.745	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	123677	20.710	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	8117	18.494	ug/l	94
82) 4-Chlorotoluene	12.779	91	105728	20.814	ug/l	100
83) tert-Butylbenzene	12.999	119	110978	20.706	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	121625	20.363	ug/l	100
85) sec-Butylbenzene	13.176	105	168918	20.578	ug/l	99
86) p-Isopropyltoluene	13.291	119	136936	20.238	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	68125	20.947	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	66241	21.000	ug/l	99
89) n-Butylbenzene	13.615	91	132277	20.605	ug/l	99
90) Hexachloroethane	13.877	117	28539	21.665	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	58262	21.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4142	22.788	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	32042	21.277	ug/l	94
94) Hexachlorobutadiene	15.023	225	17818	21.437	ug/l	97
95) Naphthalene	15.145	128	55317	19.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	26951	20.882	ug/l	98

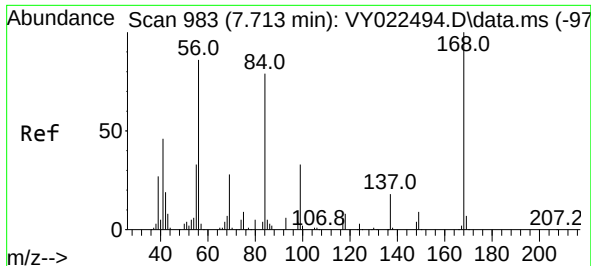
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022730.D
Acq On : 18 Jun 2025 10:51
Operator : SY/MD
Sample : VY0618SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Quant Time: Jun 19 03:57:20 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)
----------	------	------	----------	------	-------	----------

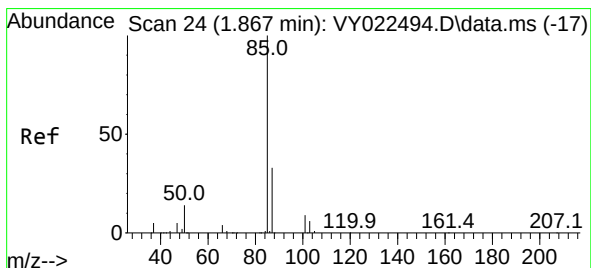
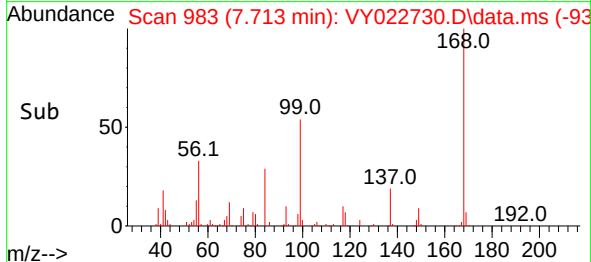
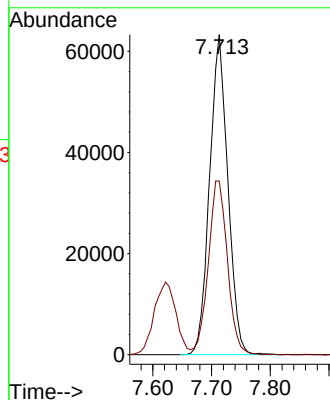
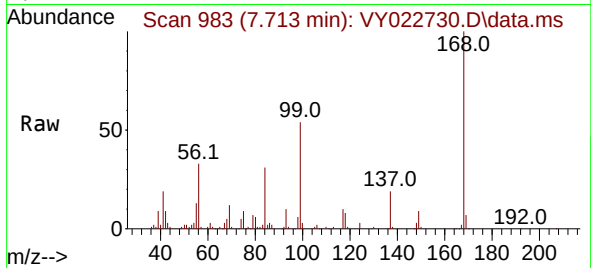
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

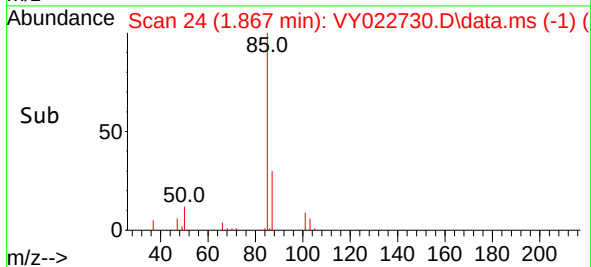
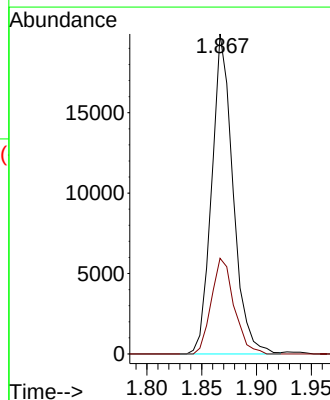
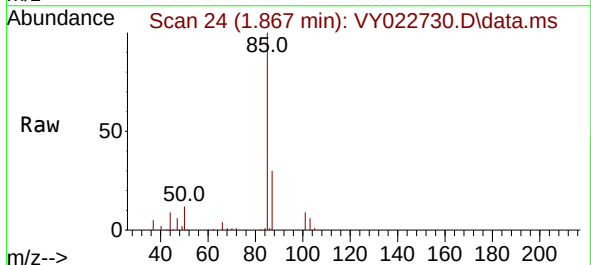
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

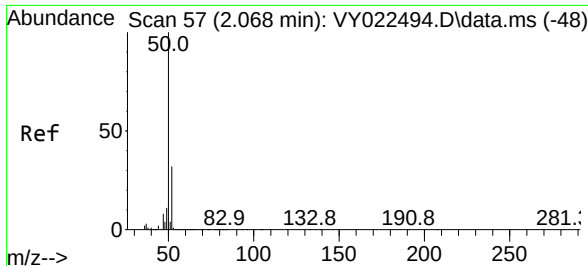
Tgt Ion:168 Resp: 136345
Ion Ratio Lower Upper
168 100
99 54.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.039 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 85 Resp: 26903
Ion Ratio Lower Upper
85 100
87 29.9 16.7 50.0

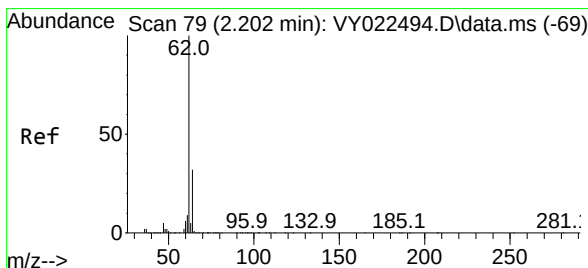
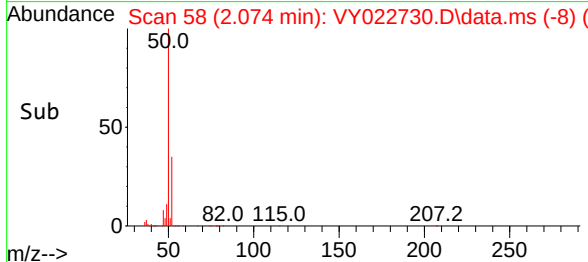
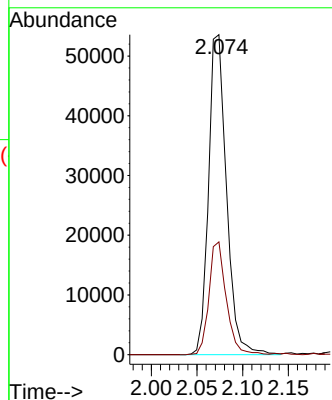
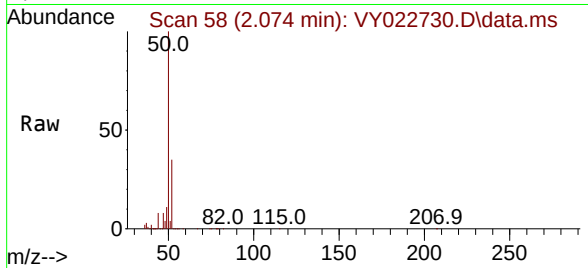




#3
Chloromethane
Concen: 20.294 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

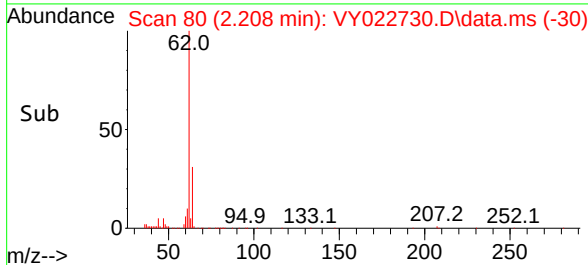
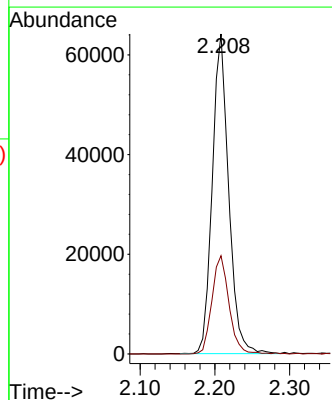
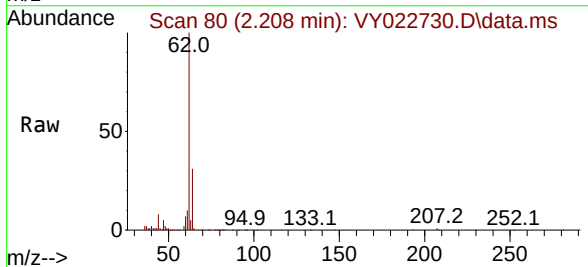
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

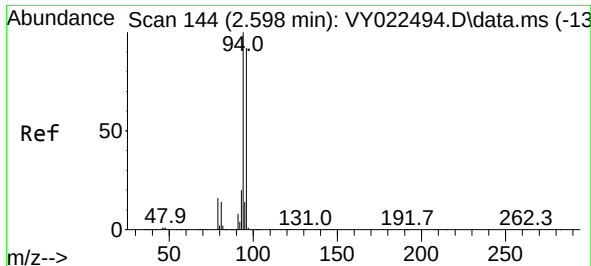
Tgt Ion: 50 Resp: 73184
Ion Ratio Lower Upper
50 100
52 35.2 26.0 39.0



#4
Vinyl Chloride
Concen: 23.358 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 62 Resp: 97719
Ion Ratio Lower Upper
62 100
64 30.7 25.3 37.9

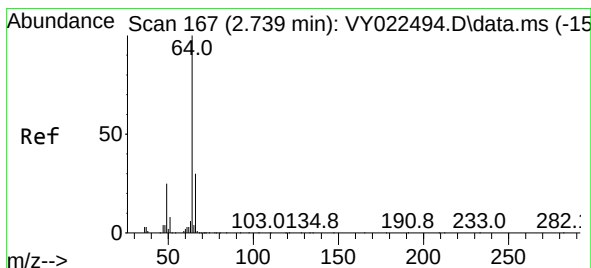
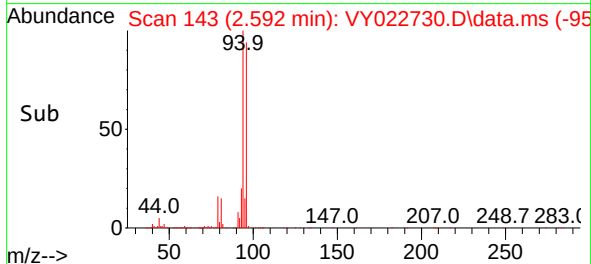
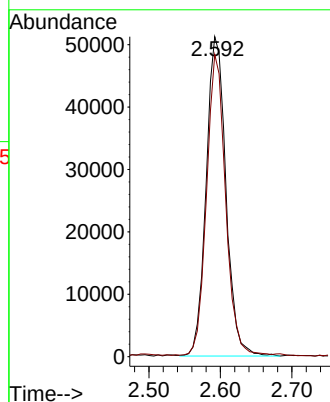
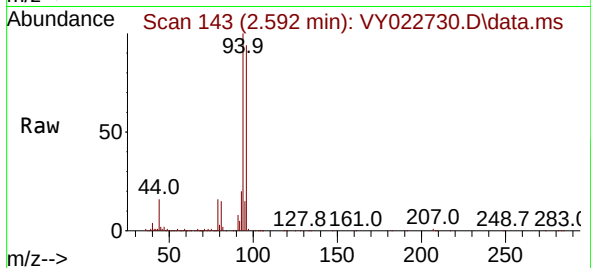




#5
Bromomethane
Concen: 24.542 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

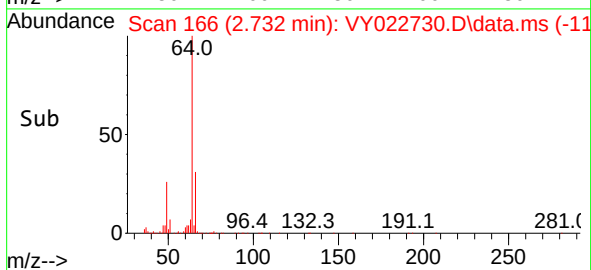
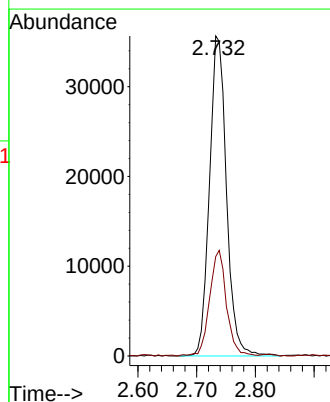
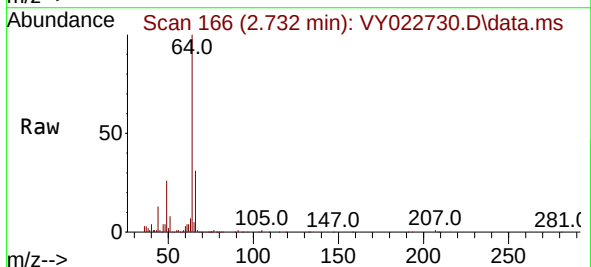
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

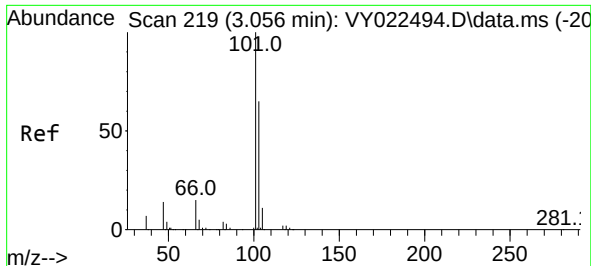
Tgt Ion: 94 Resp: 98408
Ion Ratio Lower Upper
94 100
96 94.1 74.0 111.0



#6
Chloroethane
Concen: 24.954 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 64 Resp: 71654
Ion Ratio Lower Upper
64 100
66 31.1 23.8 35.6

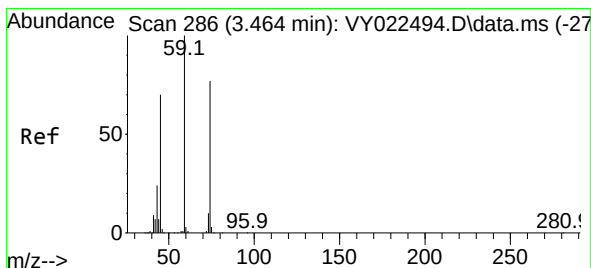
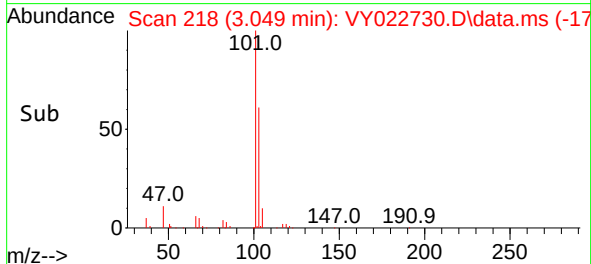
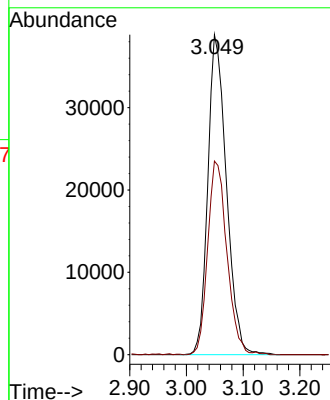
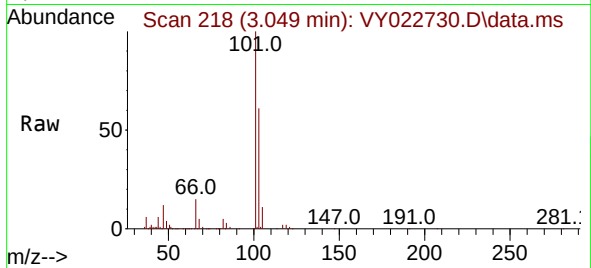




#7
 Trichlorofluoromethane
 Concen: 24.870 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022730.D
 Acq: 18 Jun 2025 10:51

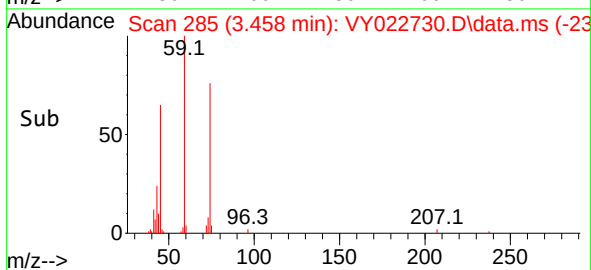
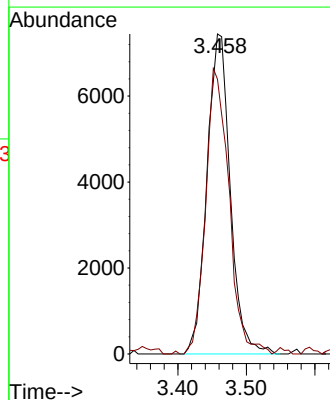
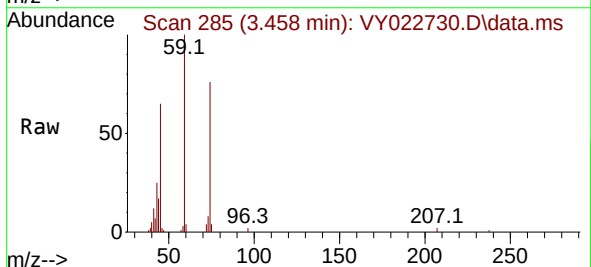
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

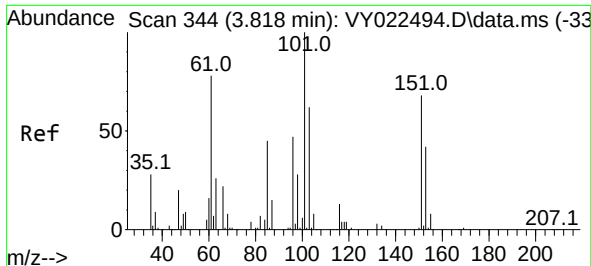
Tgt Ion:101 Resp: 88327
 Ion Ratio Lower Upper
 101 100
 103 60.5 52.2 78.2



#8
 Diethyl Ether
 Concen: 22.000 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY022730.D
 Acq: 18 Jun 2025 10:51

Tgt Ion: 74 Resp: 17596
 Ion Ratio Lower Upper
 74 100
 45 89.3 45.9 137.6

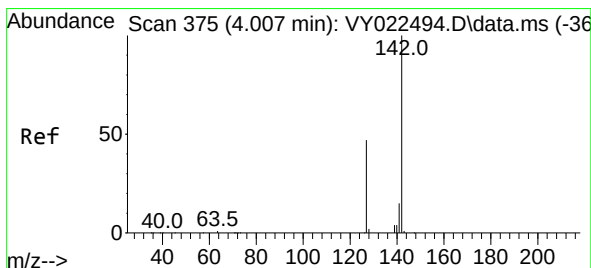
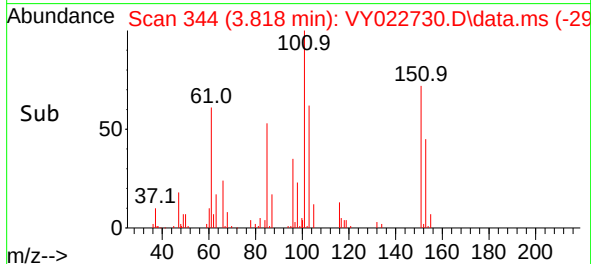
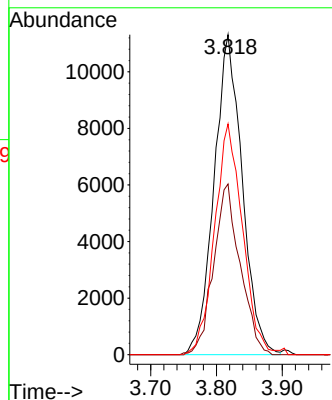
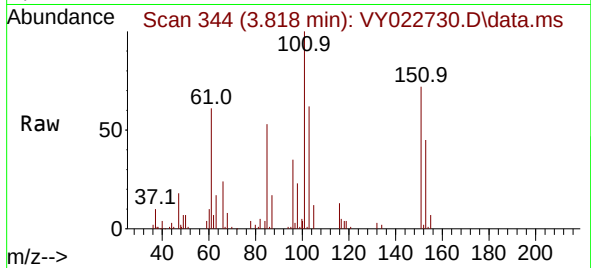




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.487 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

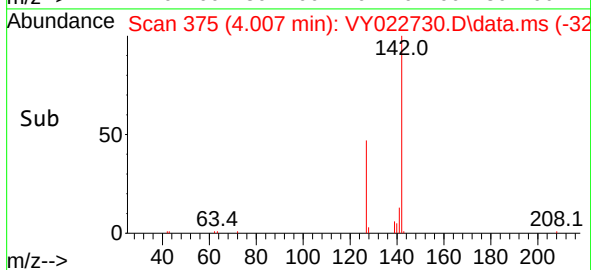
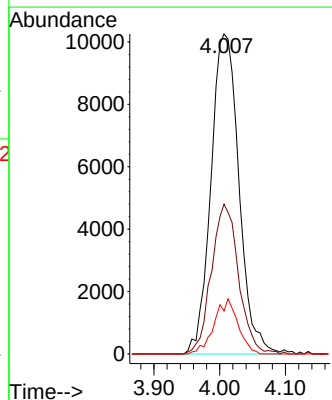
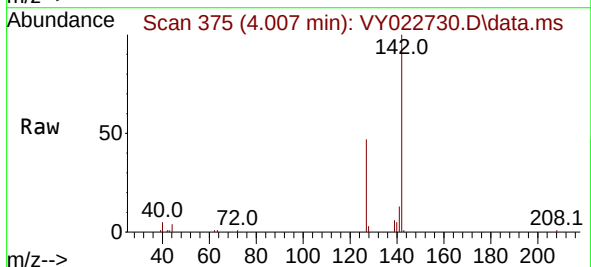
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

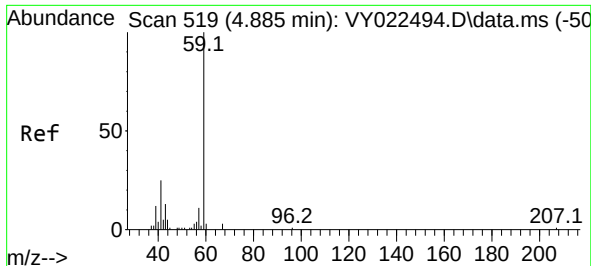
Tgt Ion:101 Resp: 33636
Ion Ratio Lower Upper
101 100
85 50.5 39.3 58.9
151 71.3 57.8 86.8



#10
Methyl Iodide
Concen: 18.765 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion:142 Resp: 30376
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 14.7 11.4 17.2

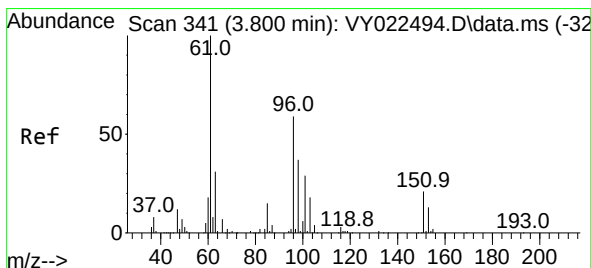
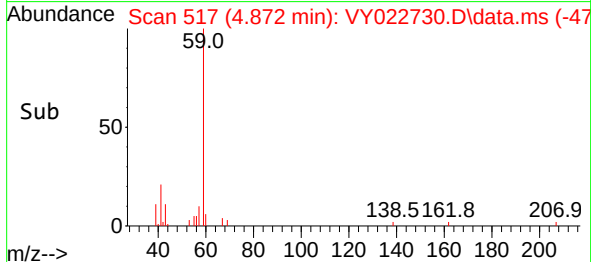
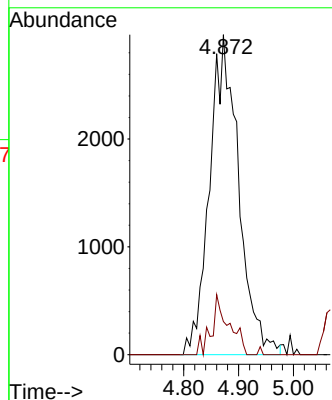
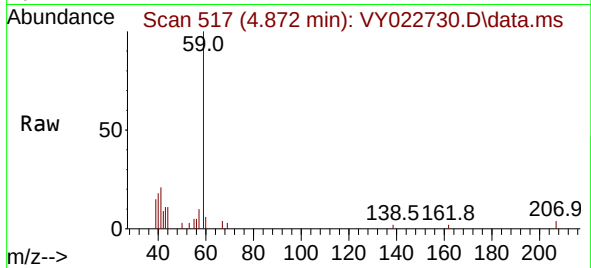




#11
Tert butyl alcohol
Concen: 100.508 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

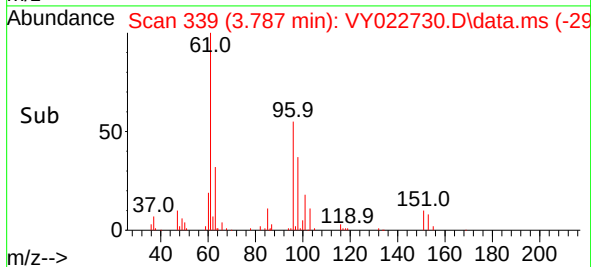
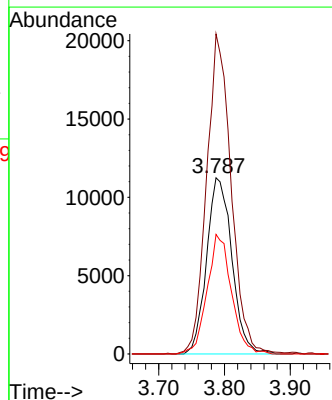
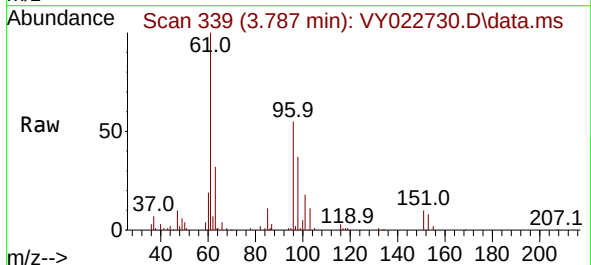
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

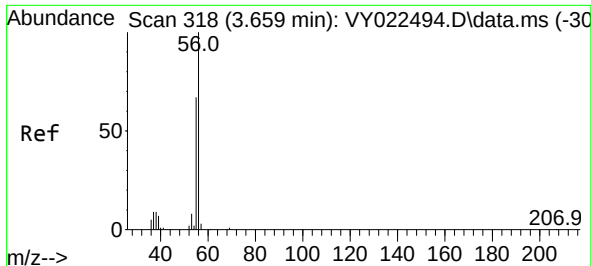
Tgt Ion: 59 Resp: 10947
Ion Ratio Lower Upper
59 100
57 11.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 21.043 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 96 Resp: 30087
Ion Ratio Lower Upper
96 100
61 180.8 134.6 201.8
98 67.9 50.2 75.4

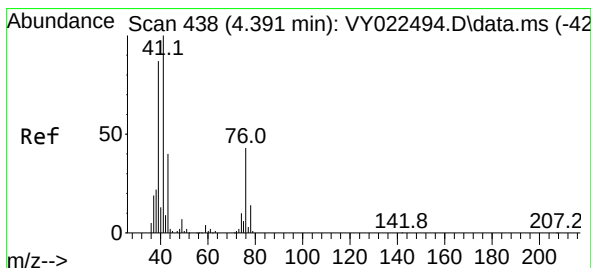
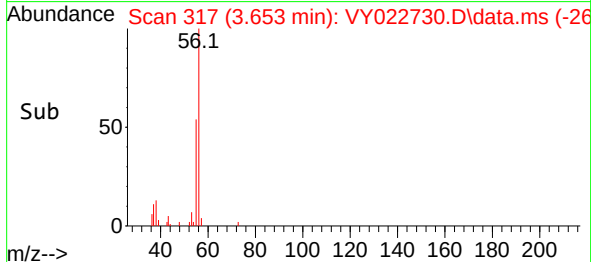
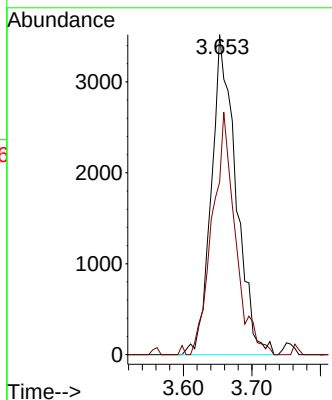
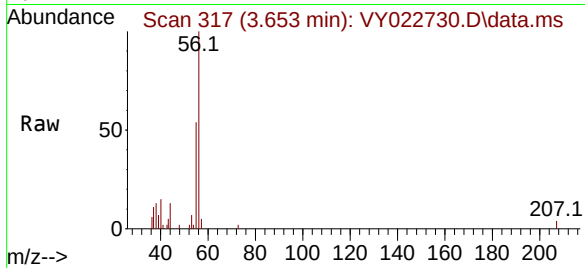




#13
Acrolein
Concen: 64.625 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

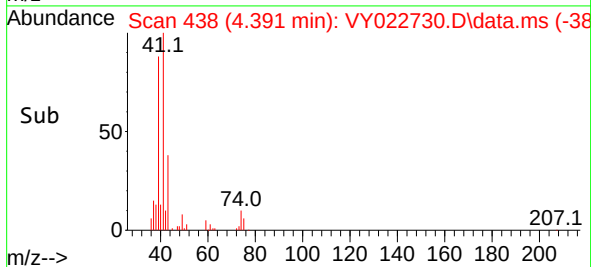
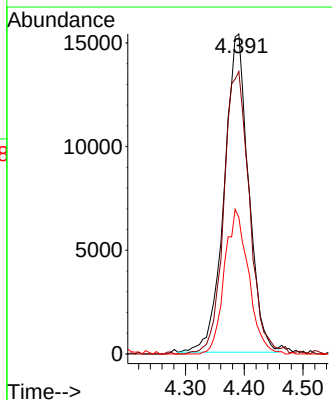
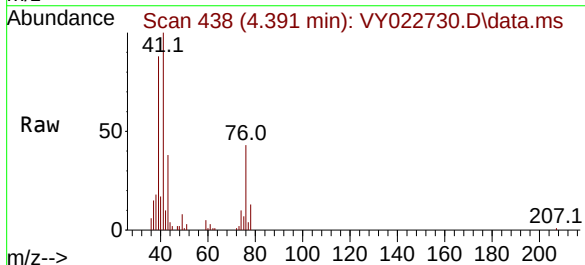
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

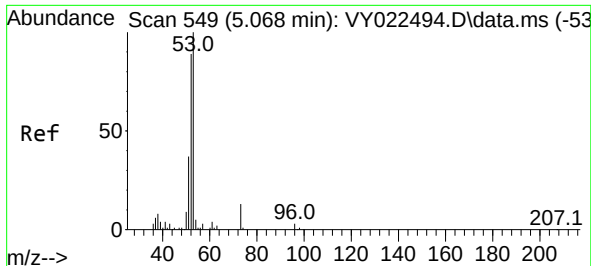
Tgt Ion: 56 Resp: 8772
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.6



#14
Allyl chloride
Concen: 19.755 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 41 Resp: 44341
Ion Ratio Lower Upper
41 100
39 93.4 69.1 103.7
76 44.8 33.5 50.3

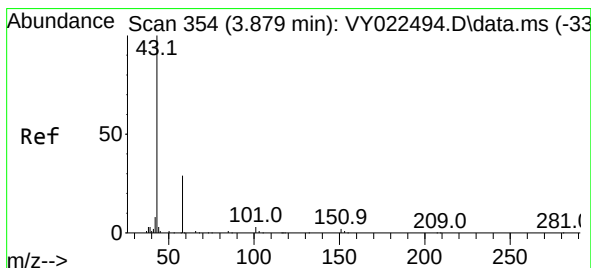
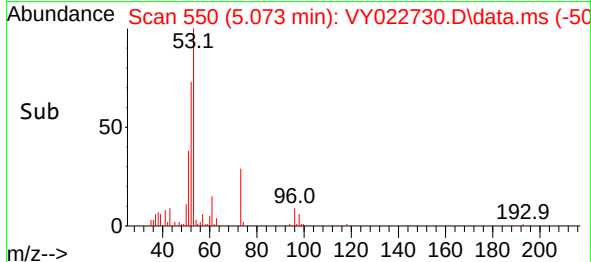
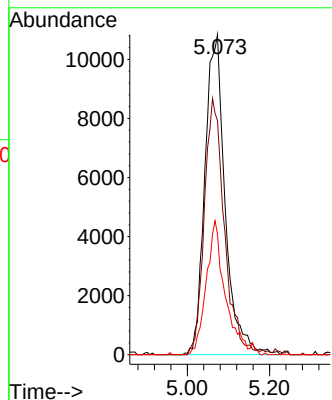
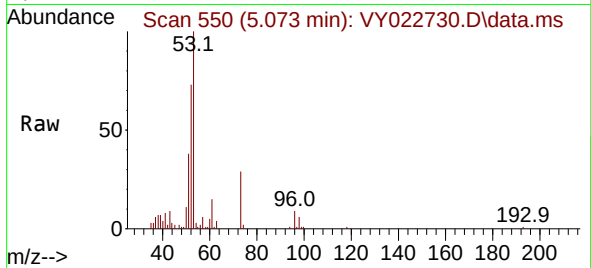




#15
Acrylonitrile
Concen: 109.534 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

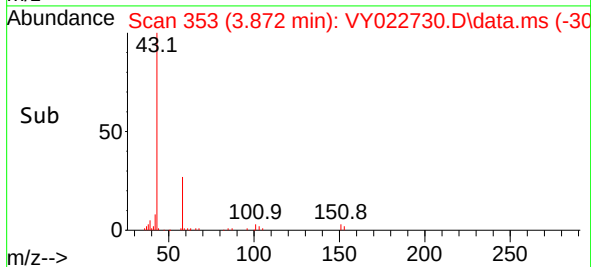
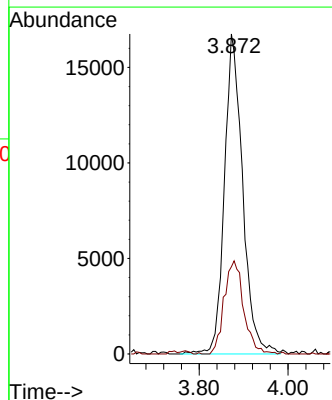
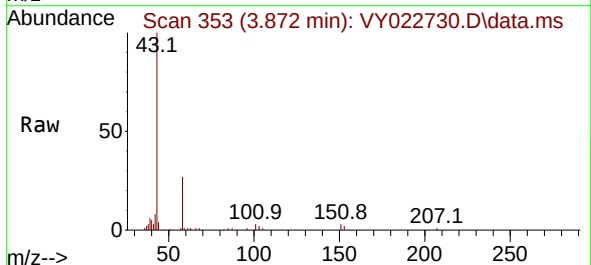
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

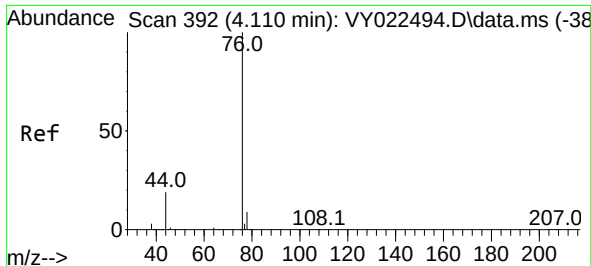
Tgt Ion: 53 Resp: 37103
Ion Ratio Lower Upper
53 100
52 79.0 65.7 98.5
51 38.9 30.1 45.1



#16
Acetone
Concen: 153.829 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 43 Resp: 47640
Ion Ratio Lower Upper
43 100
58 26.9 24.0 36.0

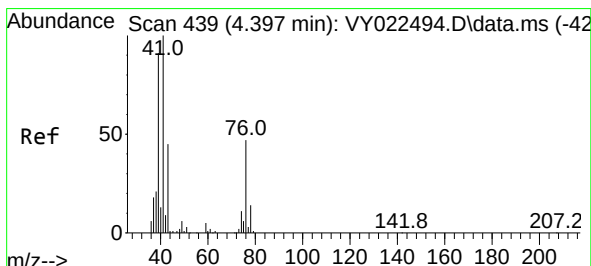
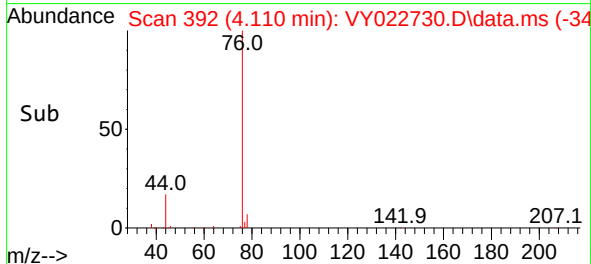
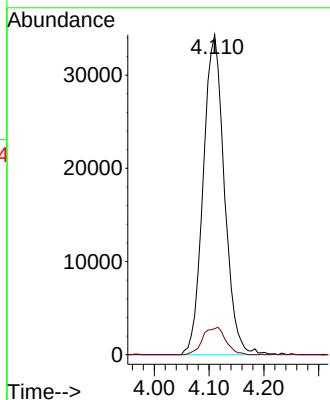
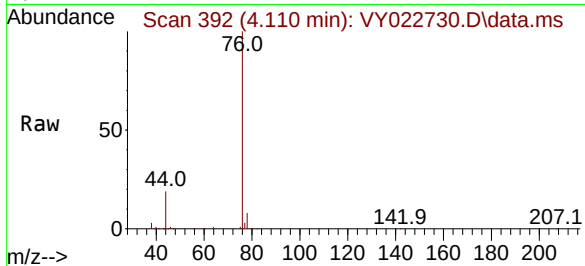




#17
Carbon Disulfide
Concen: 20.091 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

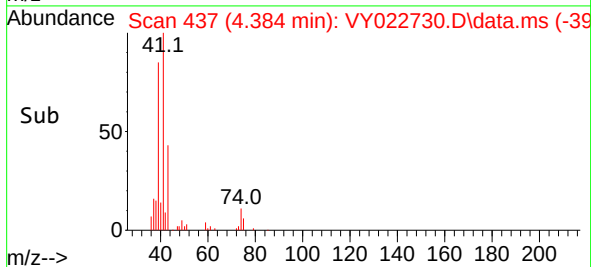
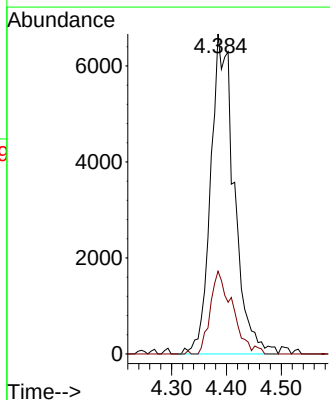
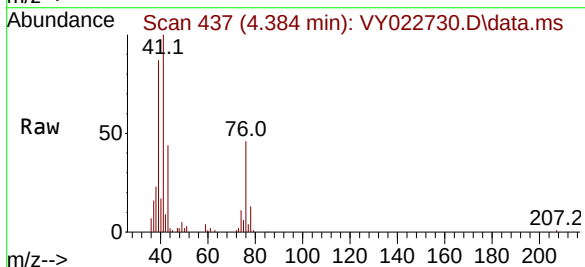
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

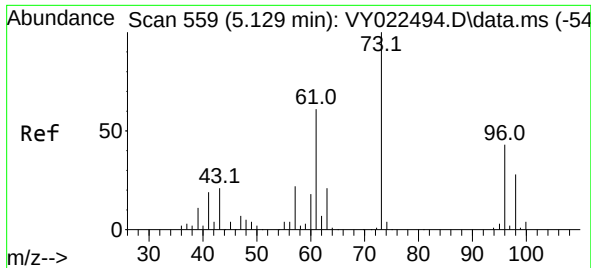
Tgt Ion: 76 Resp: 91966
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#18
Methyl Acetate
Concen: 21.620 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 43 Resp: 19827
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.6

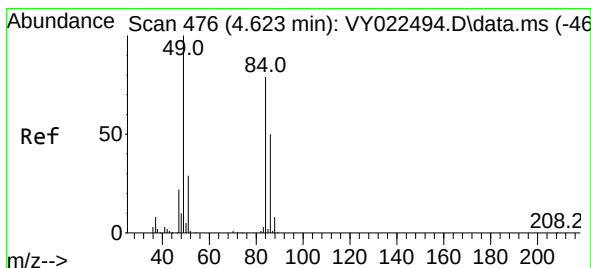
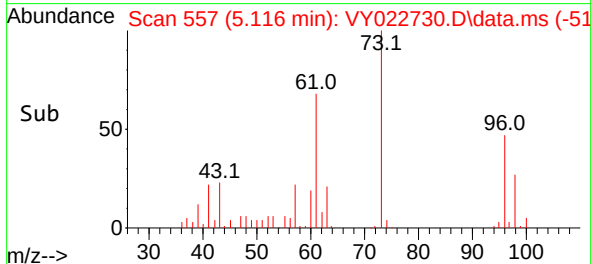
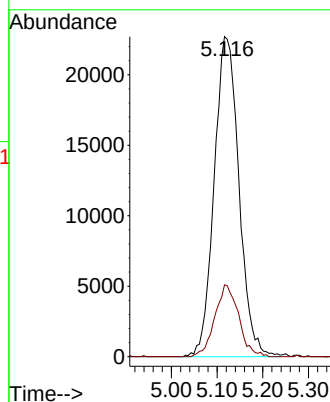
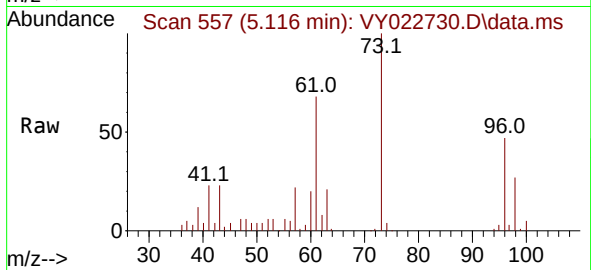




#19
Methyl tert-butyl Ether
Concen: 21.233 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

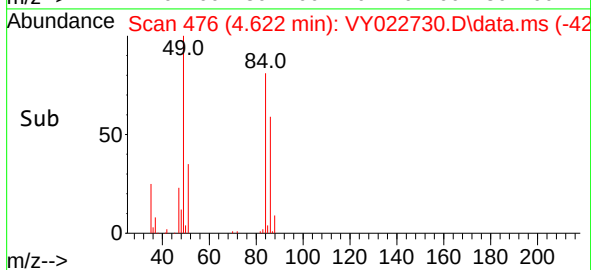
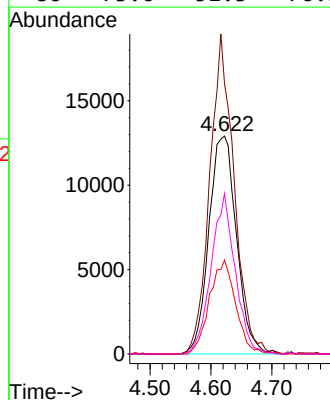
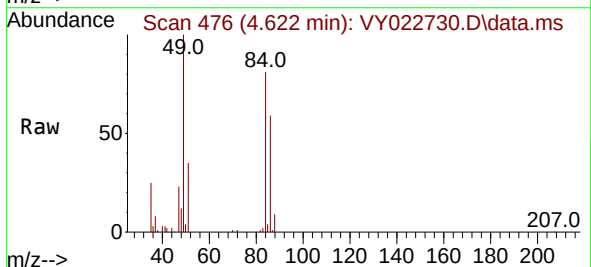
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

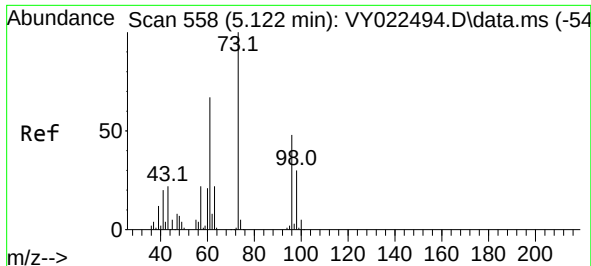
Tgt Ion: 73 Resp: 85508
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 23.148 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 84 Resp: 40721
Ion Ratio Lower Upper
84 100
49 124.1 101.9 152.9
51 43.1 29.8 44.8
86 73.6 51.3 76.9

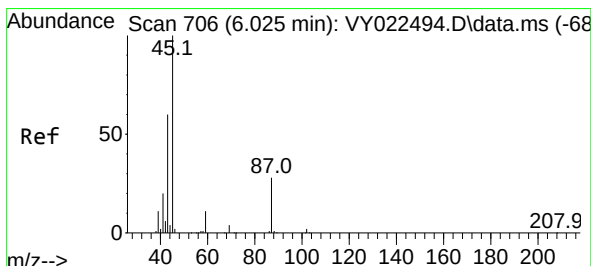
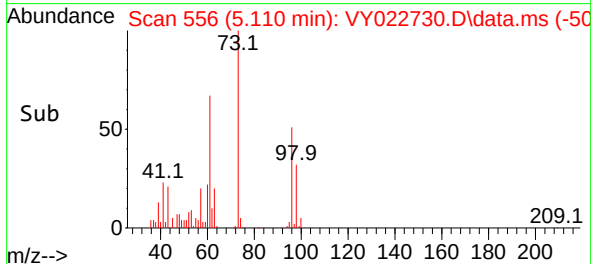
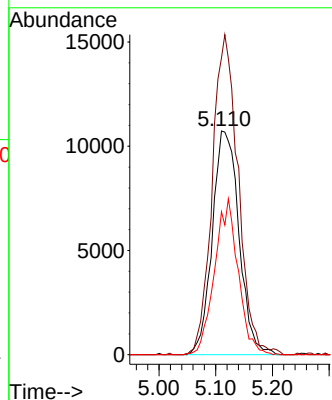
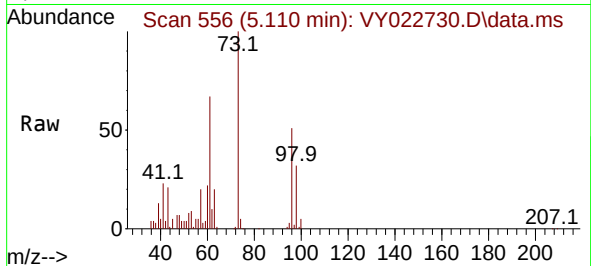




#21
trans-1,2-Dichloroethene
Concen: 21.888 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

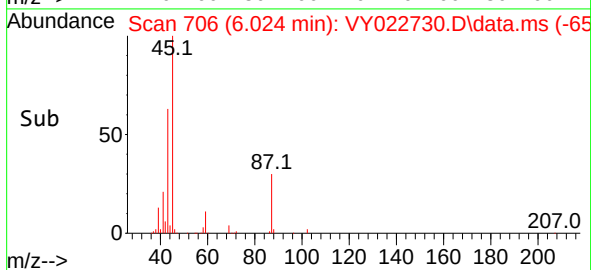
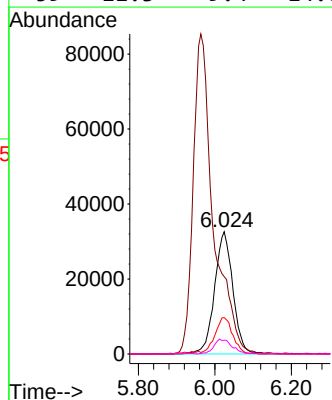
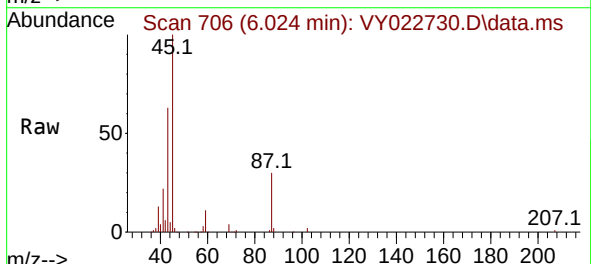
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

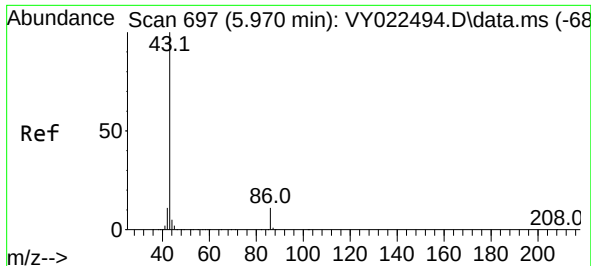
Tgt Ion: 96 Resp: 35026
Ion Ratio Lower Upper
96 100
61 132.7 112.6 169.0
98 63.9 50.6 75.8



#22
Diisopropyl ether
Concen: 21.698 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 45 Resp: 108410
Ion Ratio Lower Upper
45 100
43 62.7 48.3 72.5
87 29.7 23.0 34.6
59 11.3 9.4 14.0

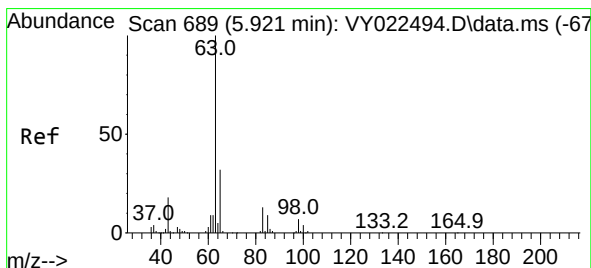
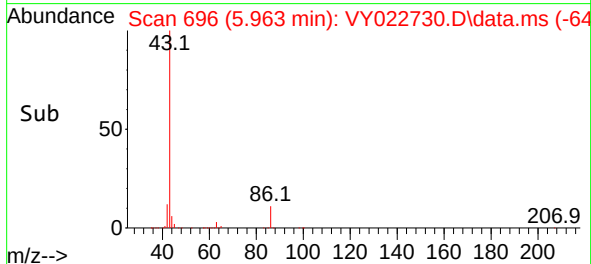
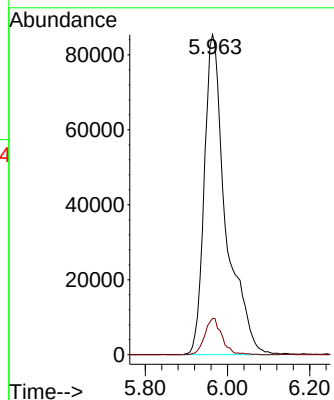
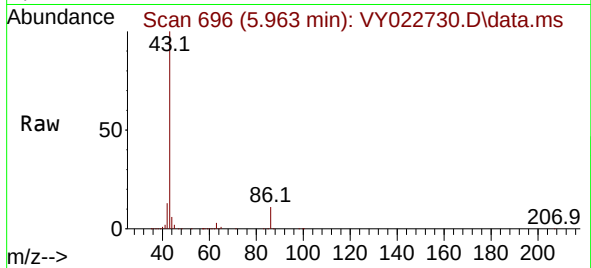




#23
 Vinyl Acetate
 Concen: 105.431 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022730.D
 Acq: 18 Jun 2025 10:51

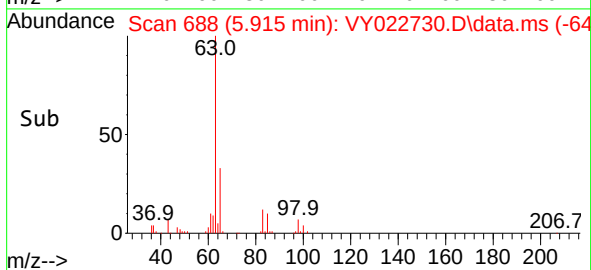
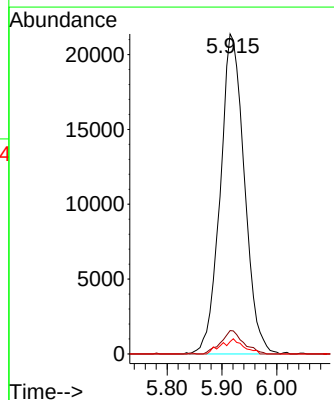
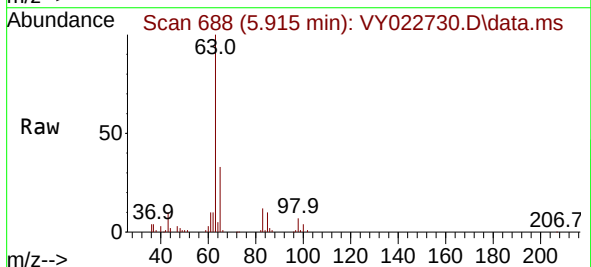
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

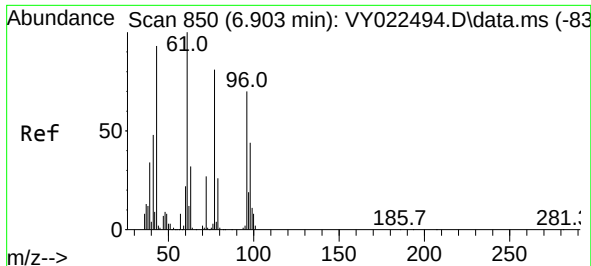
Tgt Ion: 43 Resp: 311776
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.240 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022730.D
 Acq: 18 Jun 2025 10:51

Tgt Ion: 63 Resp: 65459
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 3.9 2.1 6.3

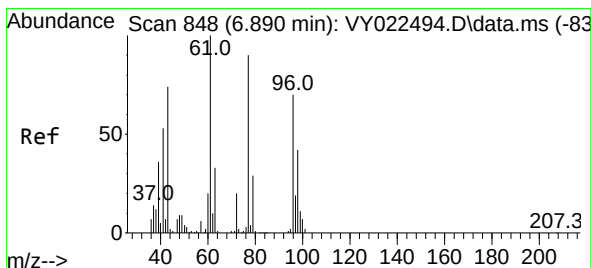
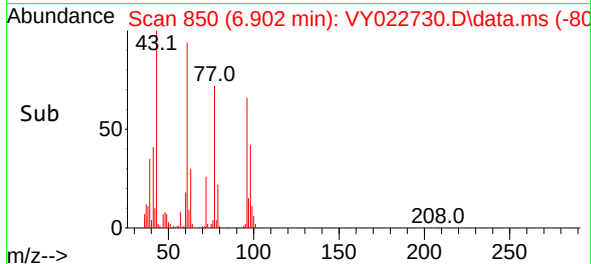
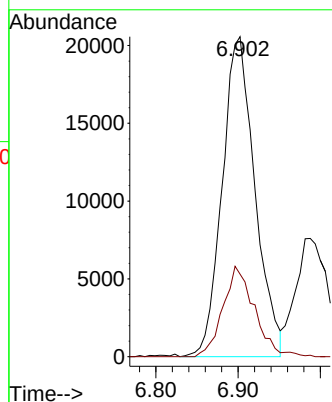
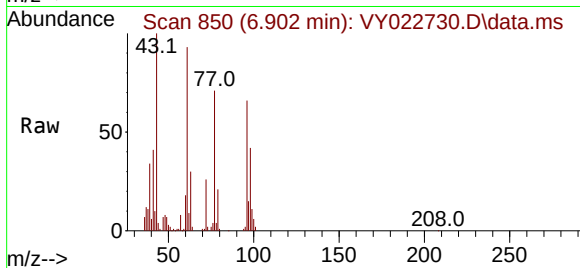




#25
2-Butanone
Concen: 127.502 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

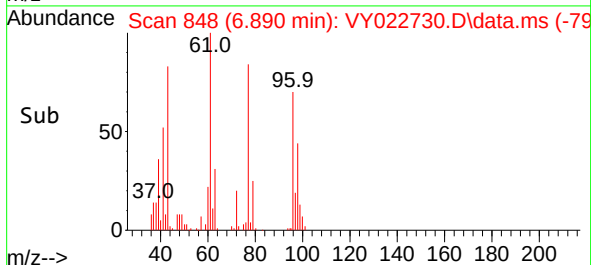
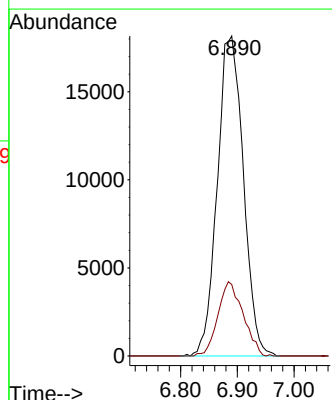
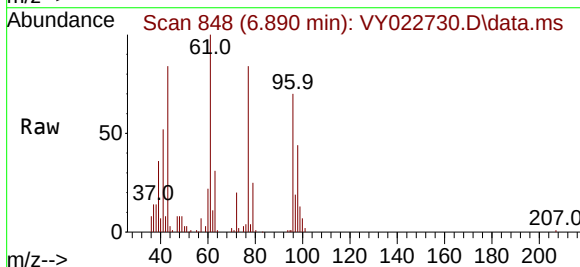
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

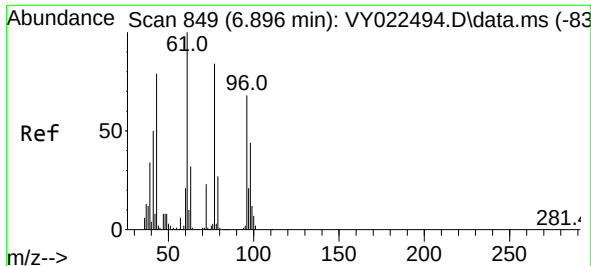
Tgt Ion: 43 Resp: 56957
Ion Ratio Lower Upper
43 100
72 25.8 22.9 34.3



#26
2,2-Dichloropropane
Concen: 22.298 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 77 Resp: 57988
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.296 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

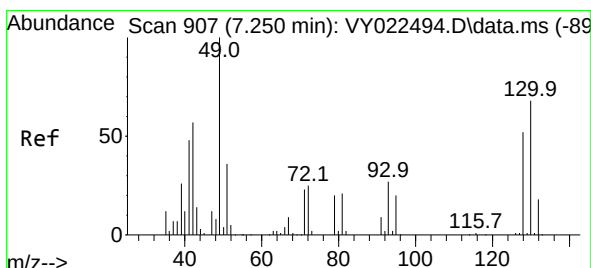
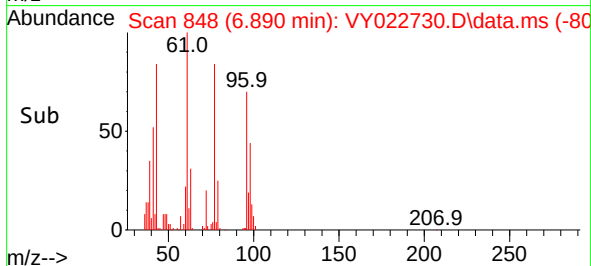
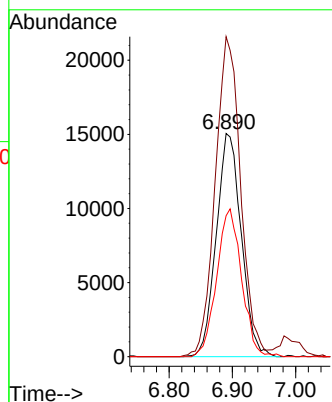
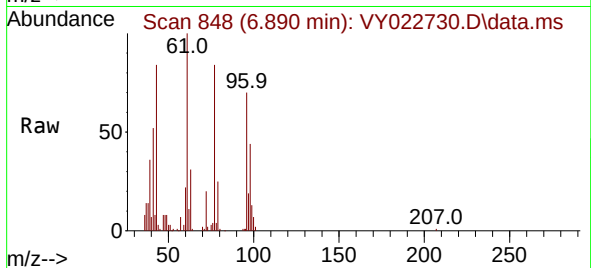
Tgt Ion: 96 Resp: 41240

Ion Ratio Lower Upper

96 100

61 146.1 0.0 290.0

98 66.2 0.0 128.4



#28

Bromochloromethane

Concen: 23.212 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

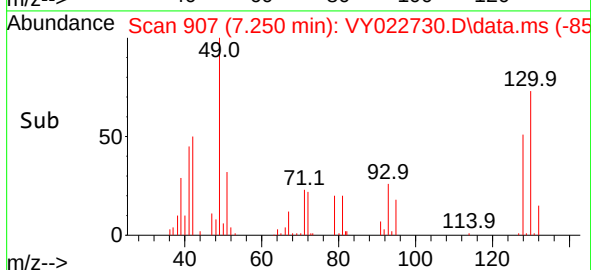
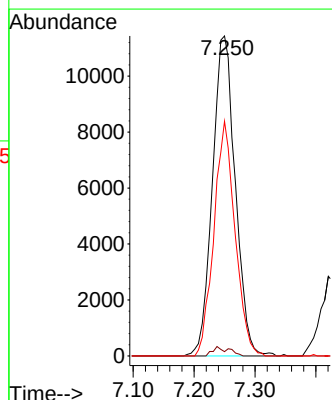
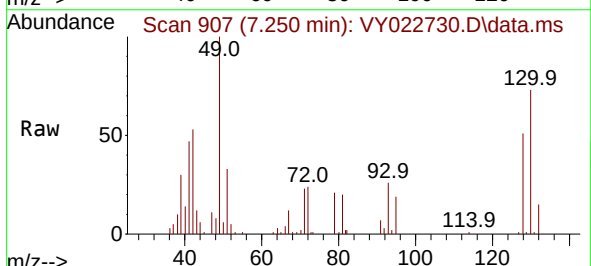
Tgt Ion: 49 Resp: 29782

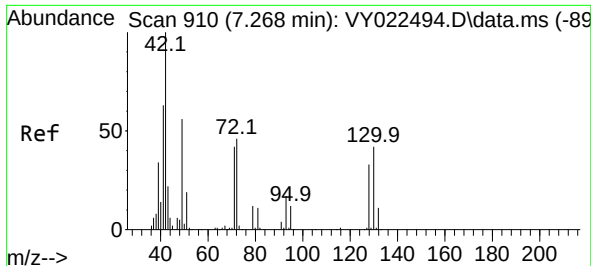
Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.6

130 67.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 103.853 ug/l

RT: 7.274 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

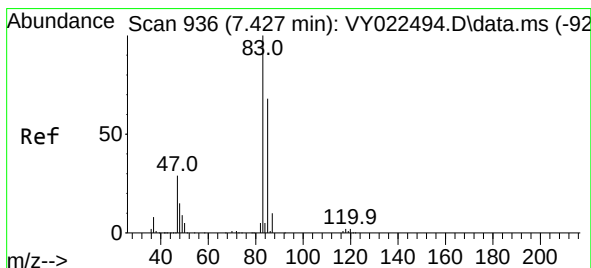
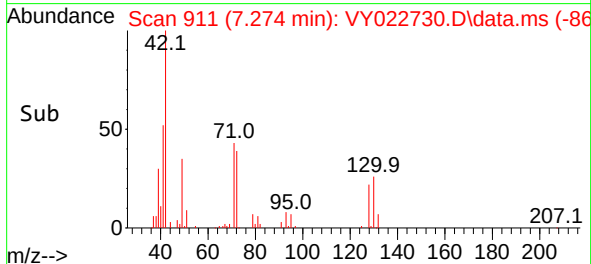
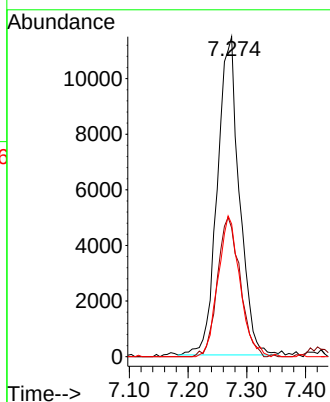
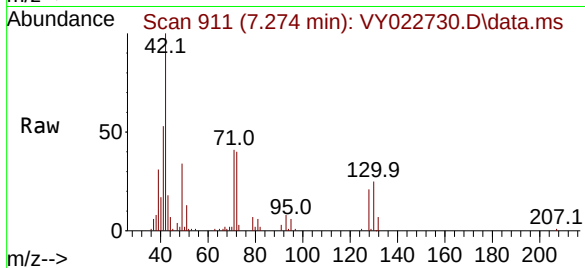
Tgt Ion: 42 Resp: 29922

Ion Ratio Lower Upper

42 100

72 44.9 37.4 56.2

71 43.9 34.2 51.2



#30

Chloroform

Concen: 23.441 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022730.D

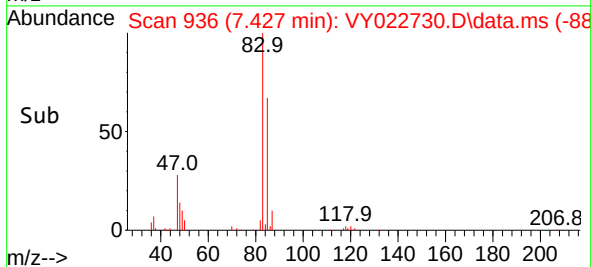
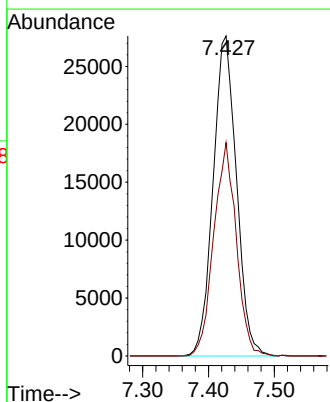
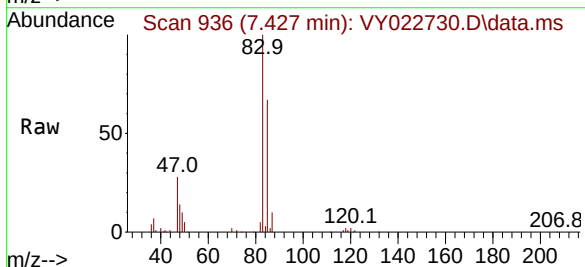
Acq: 18 Jun 2025 10:51

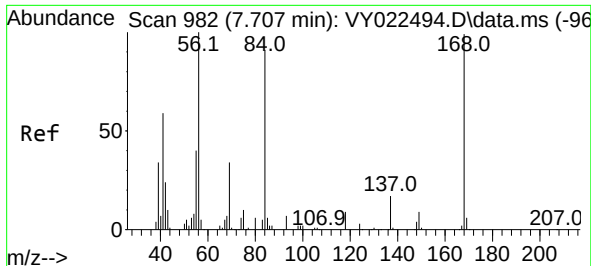
Tgt Ion: 83 Resp: 68340

Ion Ratio Lower Upper

83 100

85 66.6 54.2 81.4

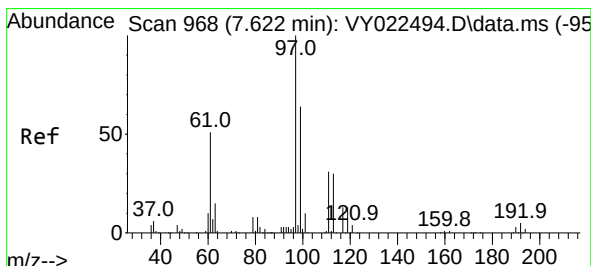
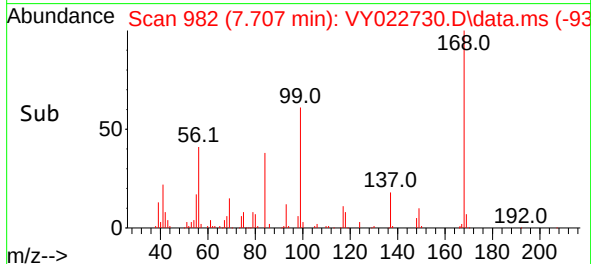
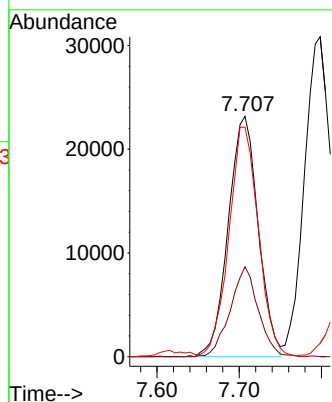
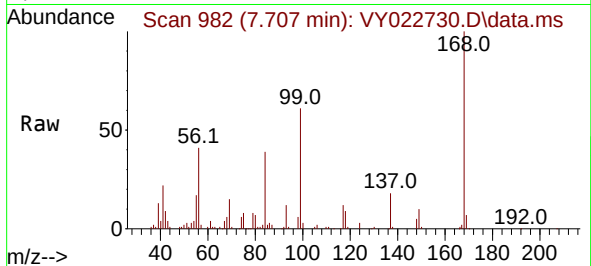




#31
Cyclohexane
Concen: 20.021 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

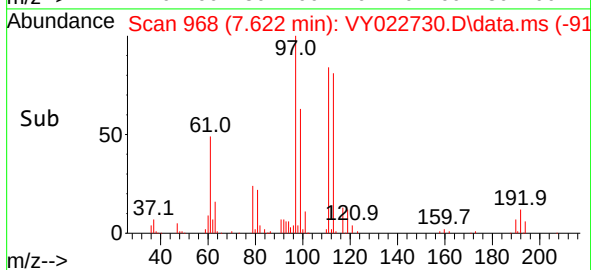
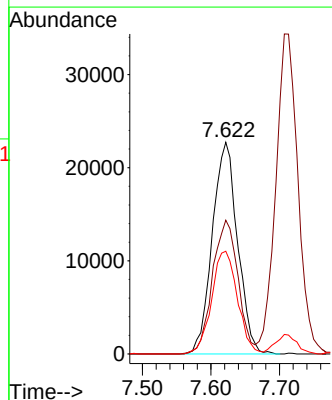
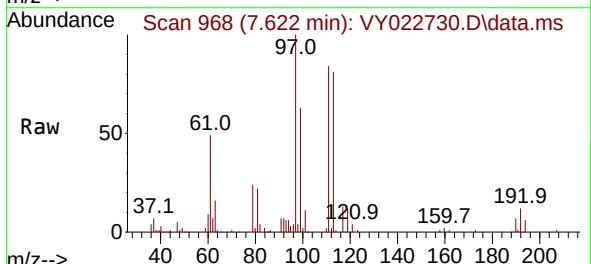
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

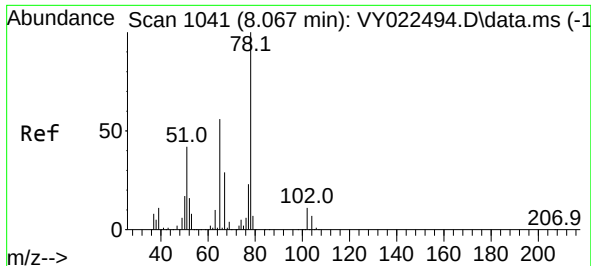
Tgt Ion: 56 Resp: 58668
Ion Ratio Lower Upper
56 100
69 37.4 27.0 40.6
84 93.6 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.486 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 97 Resp: 58195
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 49.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 54.165 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

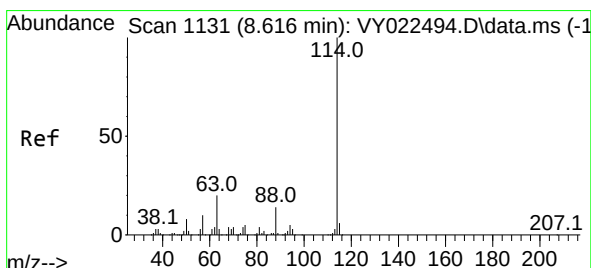
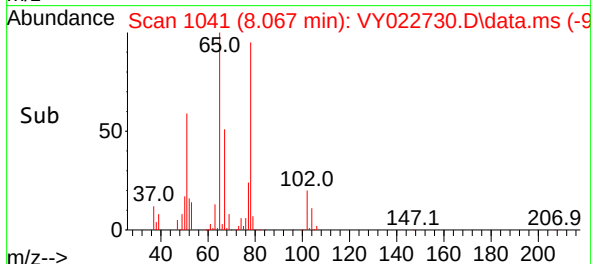
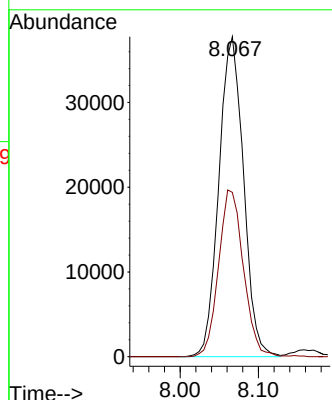
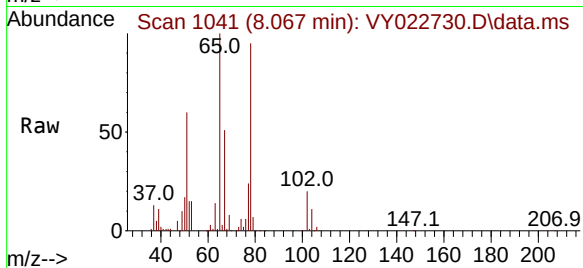
VY0618SBS01

Tgt Ion: 65 Resp: 82599

Ion Ratio Lower Upper

65 100

67 52.5 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: VY022730.D

Acq: 18 Jun 2025 10:51

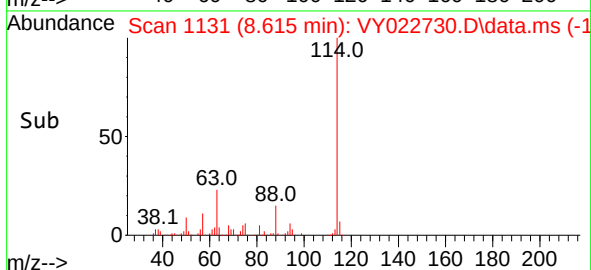
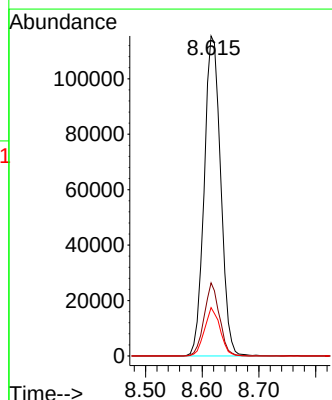
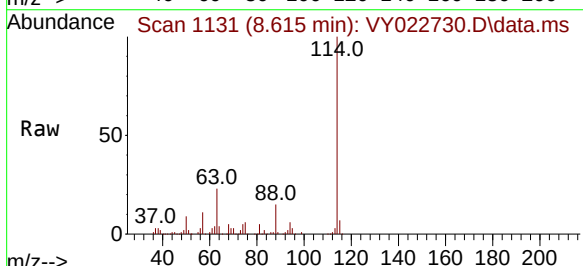
Tgt Ion: 114 Resp: 232845

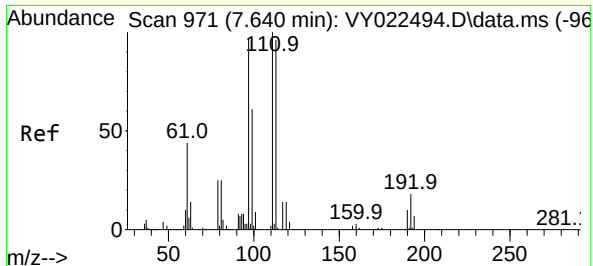
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.8

88 15.1 0.0 27.8

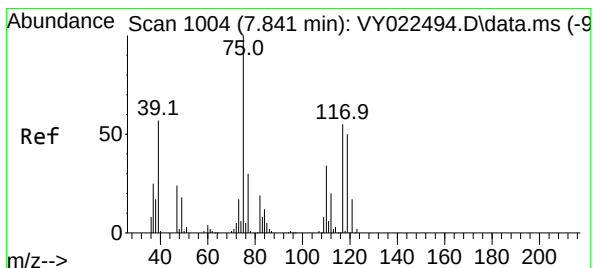
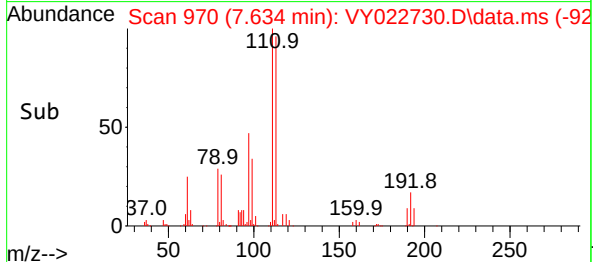
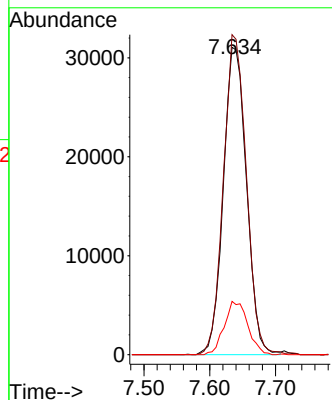
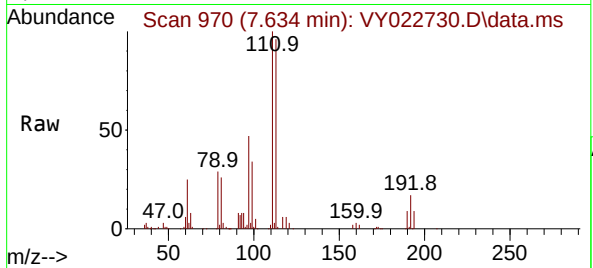




#35
Dibromofluoromethane
Concen: 54.762 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

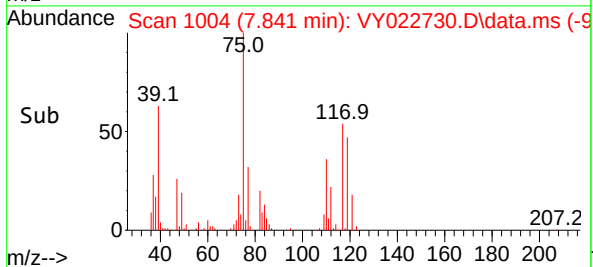
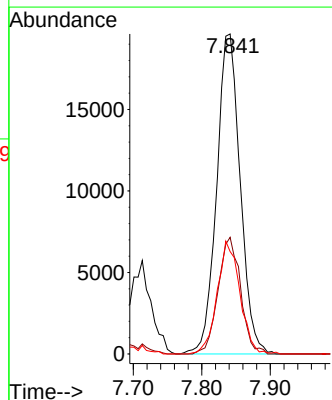
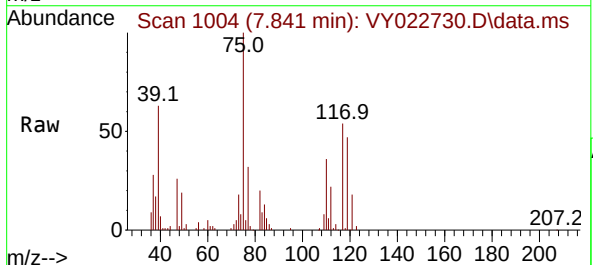
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

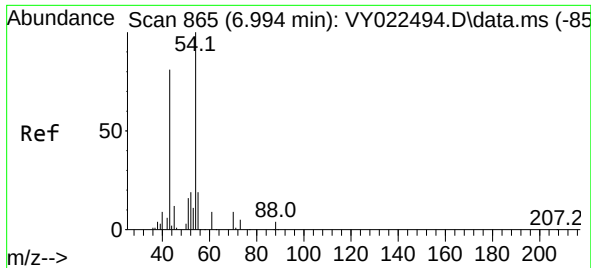
Tgt Ion:113 Resp: 76108
Ion Ratio Lower Upper
113 100
111 103.1 81.1 121.7
192 17.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.736 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 75 Resp: 46773
Ion Ratio Lower Upper
75 100
110 34.9 16.9 50.7
77 34.0 24.8 37.2

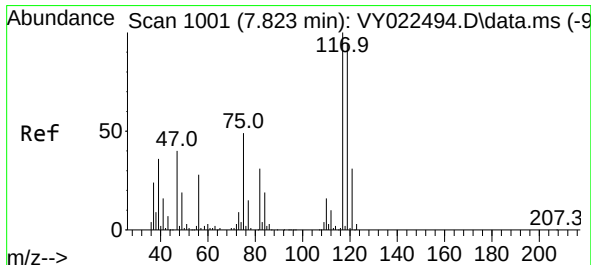
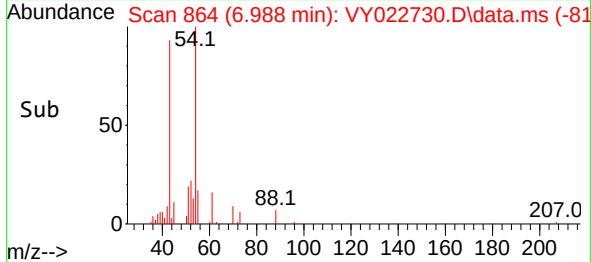
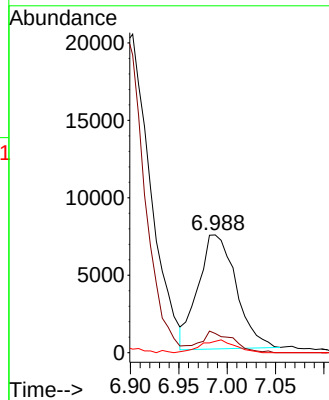
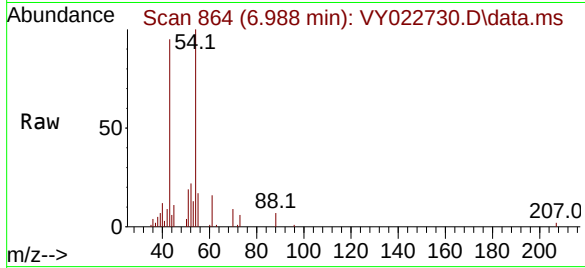




#37
Ethyl Acetate
Concen: 20.029 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

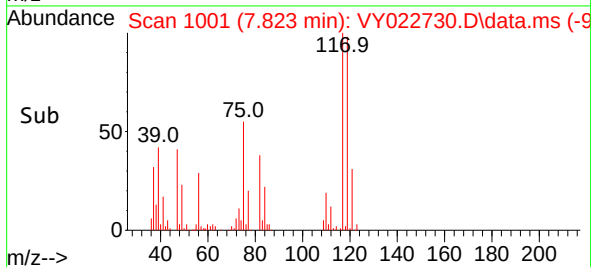
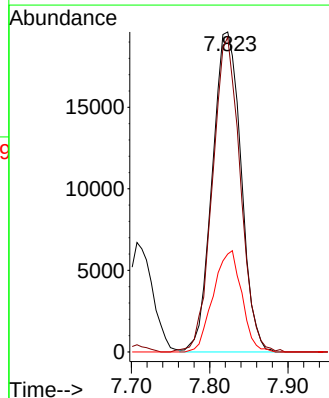
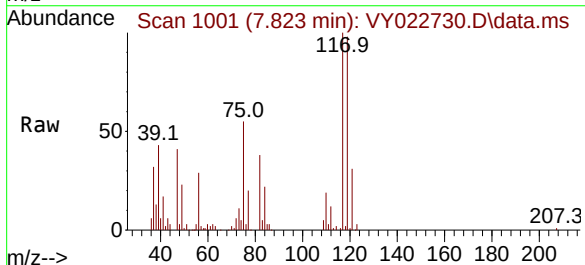
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

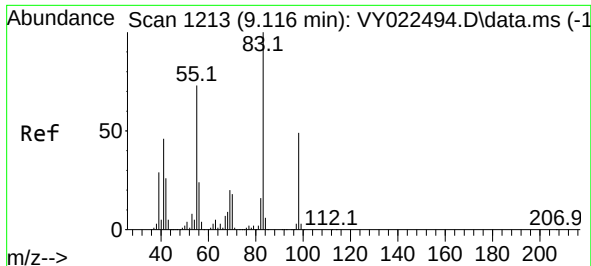
Tgt Ion: 43 Resp: 20147
Ion Ratio Lower Upper
43 100
61 16.0 11.5 17.3
70 9.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.640 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 117 Resp: 50074
Ion Ratio Lower Upper
117 100
119 97.6 75.0 112.6
121 30.6 25.0 37.4





#39

Methylcyclohexane

Concen: 19.463 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

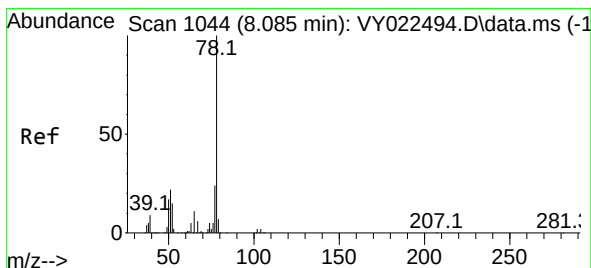
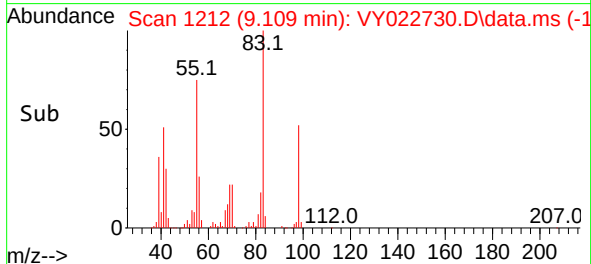
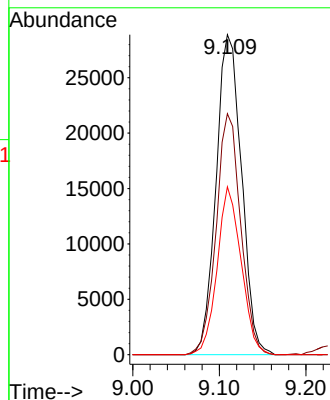
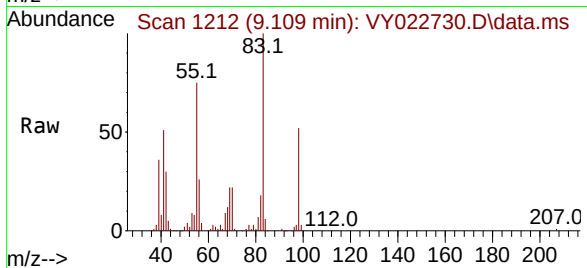
Tgt Ion: 83 Resp: 58998

Ion Ratio Lower Upper

83 100

55 75.3 58.1 87.1

98 52.5 39.0 58.6



#40

Benzene

Concen: 22.200 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022730.D

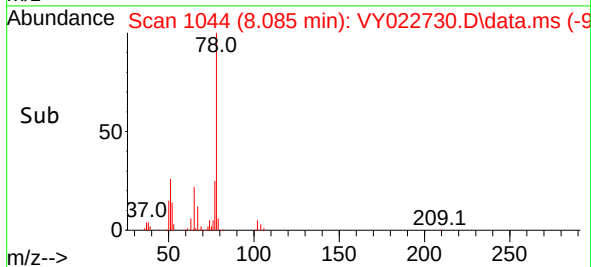
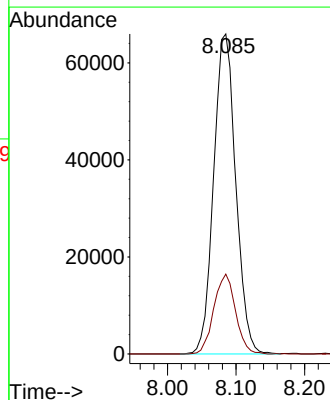
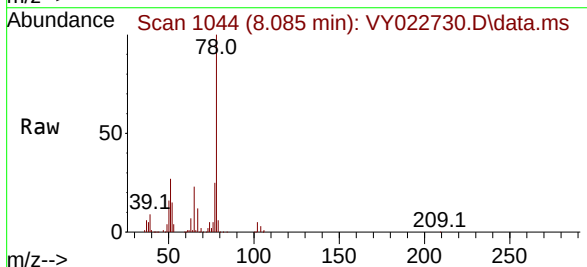
Acq: 18 Jun 2025 10:51

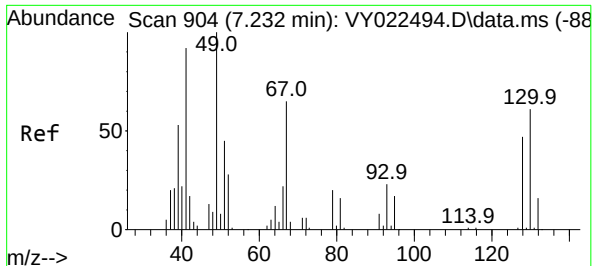
Tgt Ion: 78 Resp: 147900

Ion Ratio Lower Upper

78 100

77 24.9 19.3 28.9

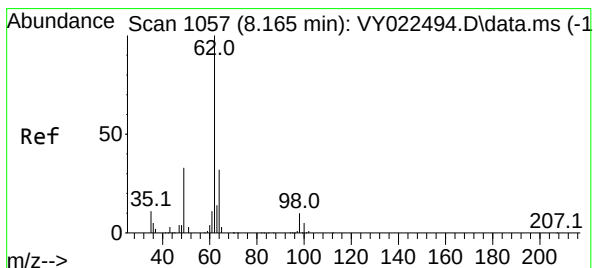
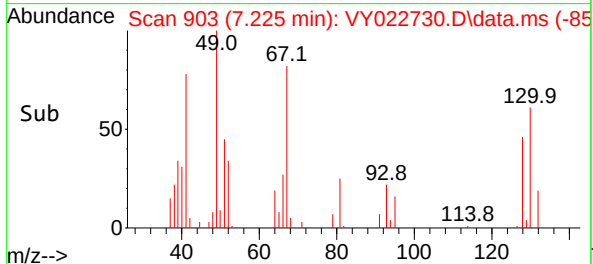
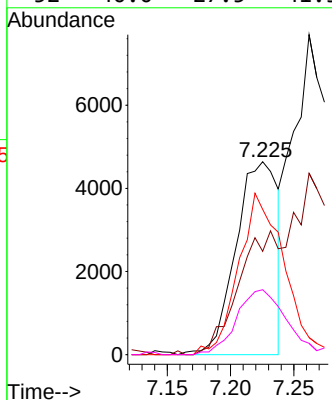
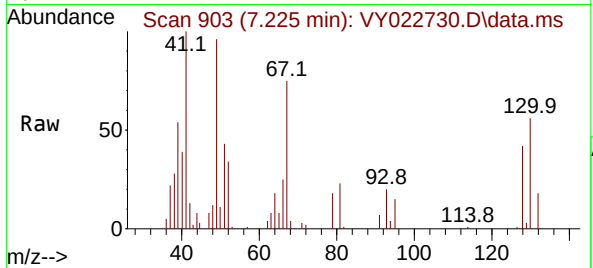




#41
Methacrylonitrile
Concen: 18.110 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

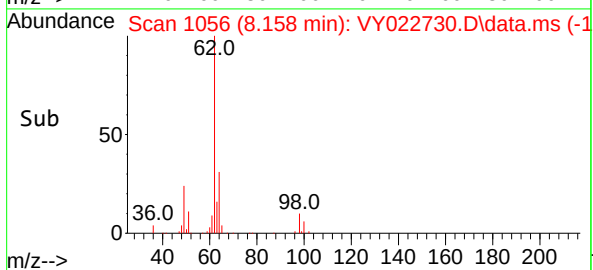
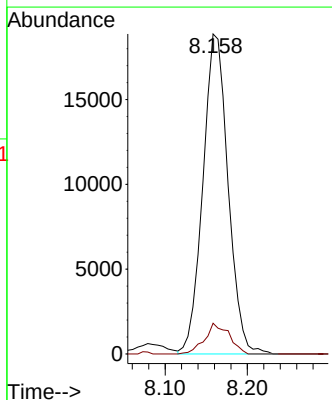
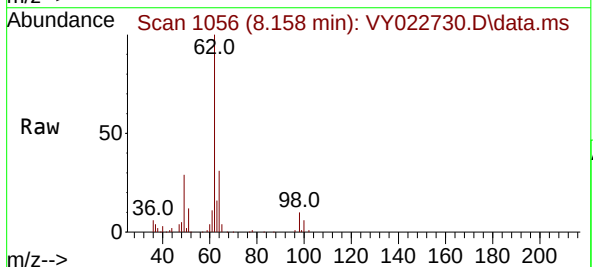
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

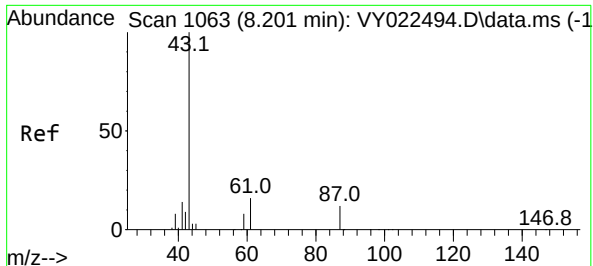
Tgt Ion: 41 Resp: 10641
Ion Ratio Lower Upper
41 100
39 0.0 46.6 69.8#
67 90.8 63.3 94.9
52 40.0 27.5 41.3



#42
1,2-Dichloroethane
Concen: 22.092 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 62 Resp: 40187
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2

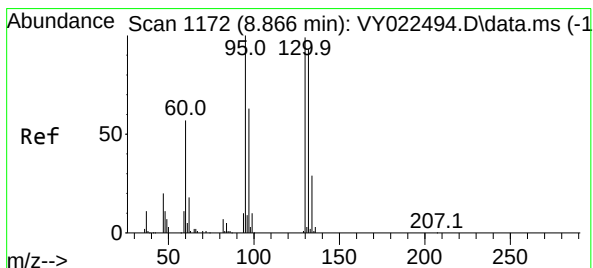
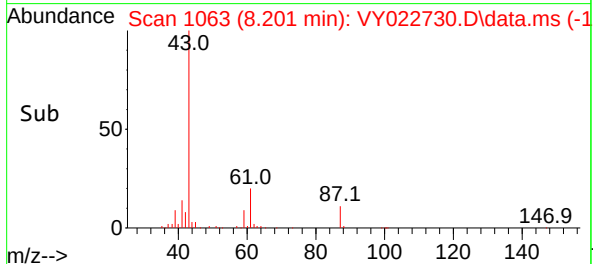
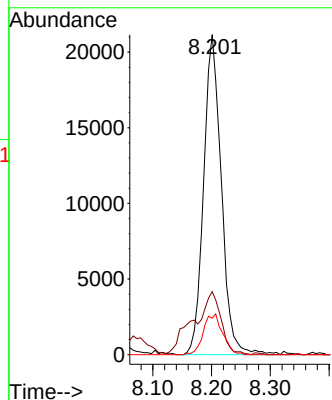
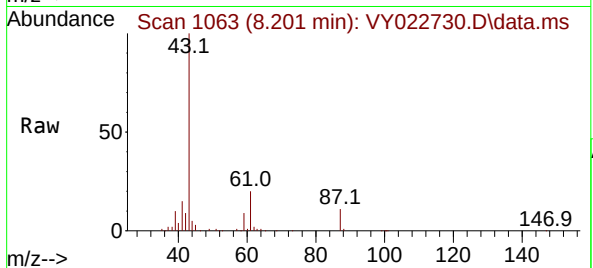




#43
Isopropyl Acetate
Concen: 20.439 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

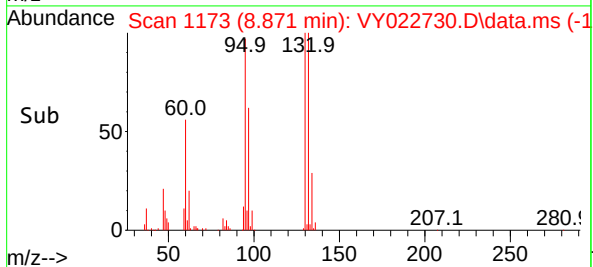
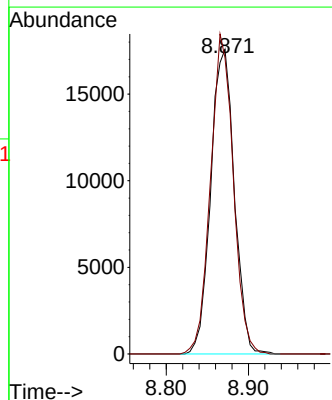
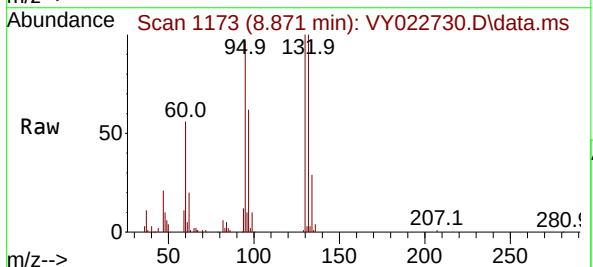
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

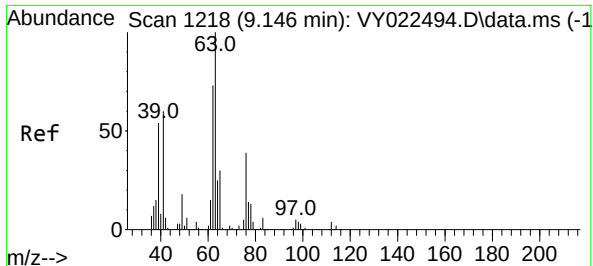
Tgt Ion: 43 Resp: 44403
Ion Ratio Lower Upper
43 100
61 30.5 15.6 23.4#
87 13.8 10.2 15.4



#44
Trichloroethene
Concen: 21.532 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion:130 Resp: 35060
Ion Ratio Lower Upper
130 100
95 97.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.312 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

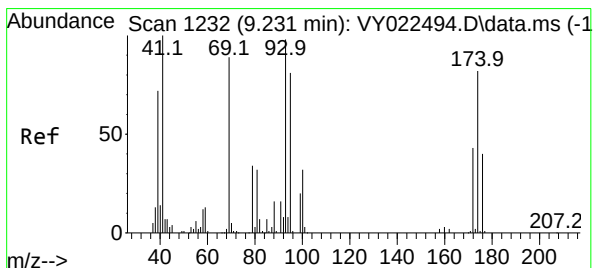
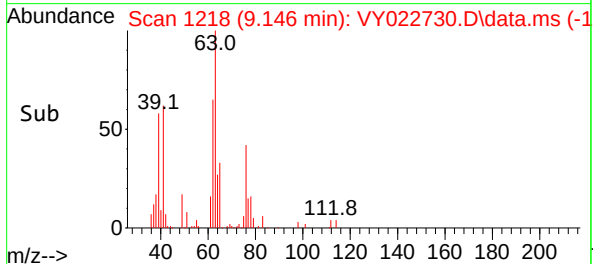
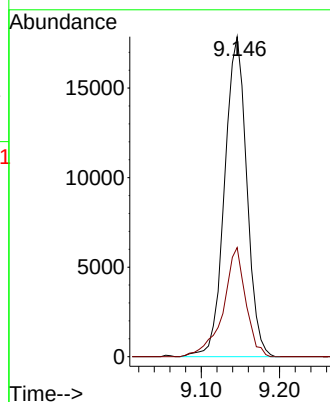
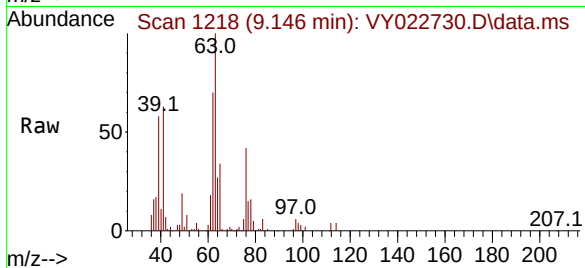
VY0618SBS01

Tgt Ion: 63 Resp: 35130

Ion Ratio Lower Upper

63 100

65 34.1 24.0 36.0



#46

Dibromomethane

Concen: 21.804 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

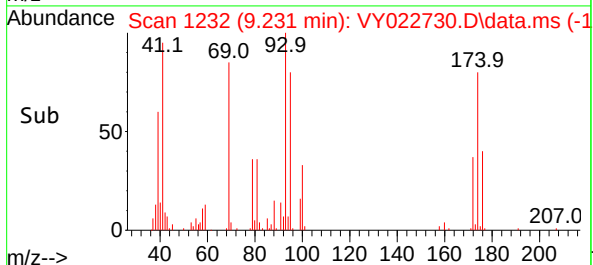
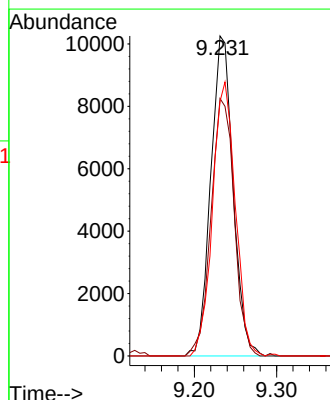
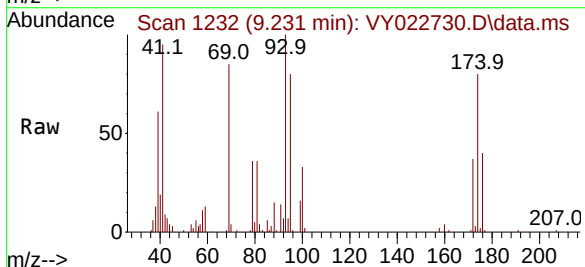
Tgt Ion: 93 Resp: 19314

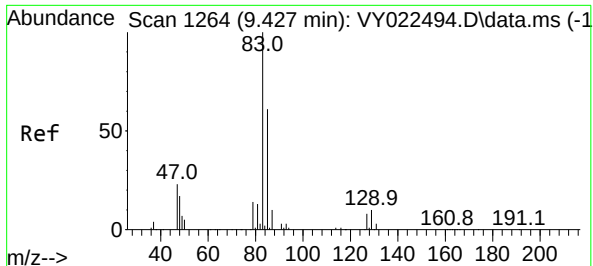
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 87.5 70.4 105.6

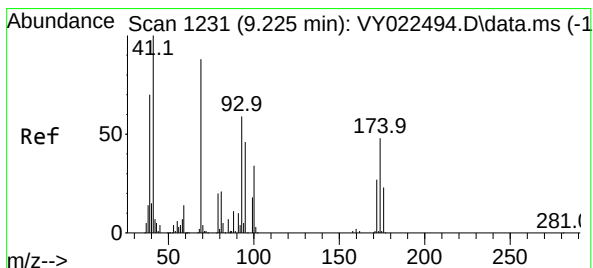
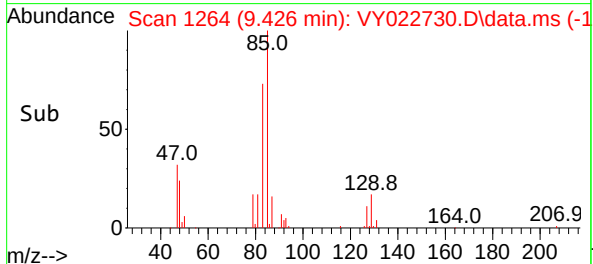
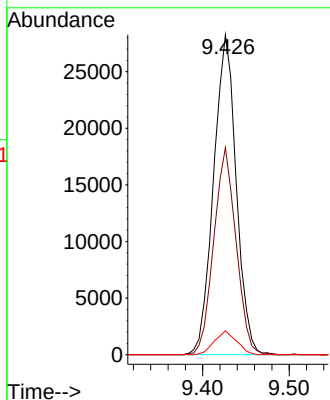
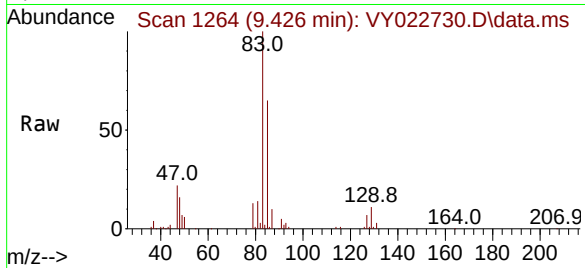




#47
Bromodichloromethane
Concen: 22.843 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

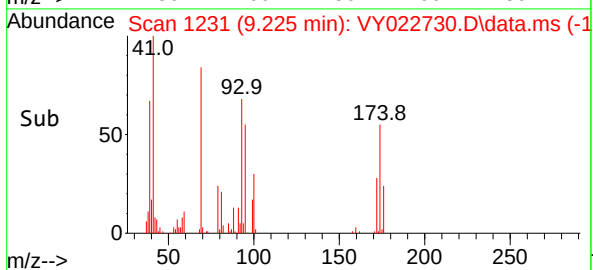
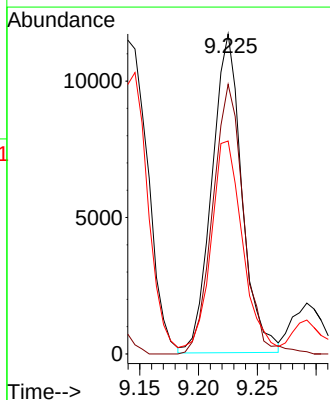
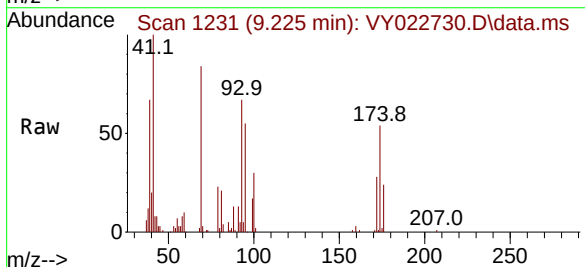
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

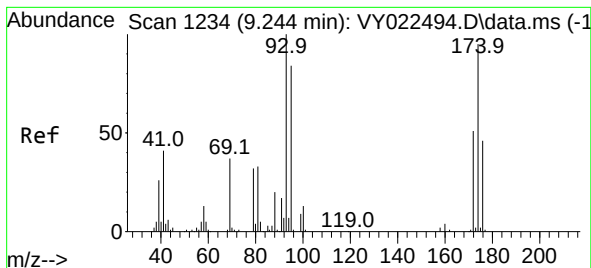
Tgt Ion: 83 Resp: 51307
Ion Ratio Lower Upper
83 100
85 64.7 49.1 73.7
127 7.4 6.2 9.4



#48
Methyl methacrylate
Concen: 20.385 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 41 Resp: 20785
Ion Ratio Lower Upper
41 100
69 86.9 67.8 101.8
39 66.8 55.0 82.4





#49

1,4-Dioxane

Concen: 431.478 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

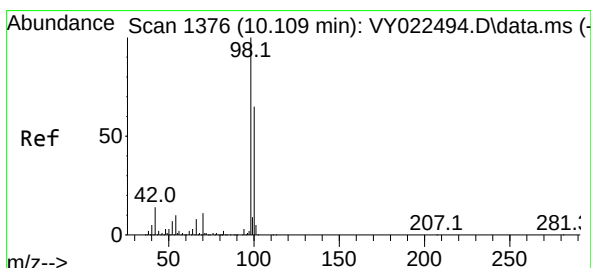
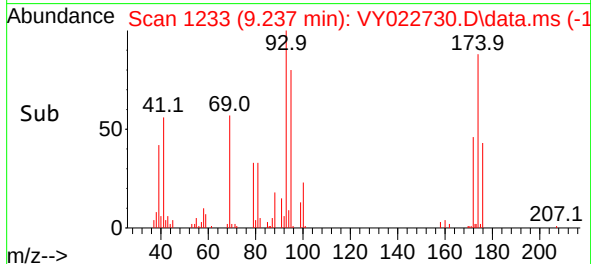
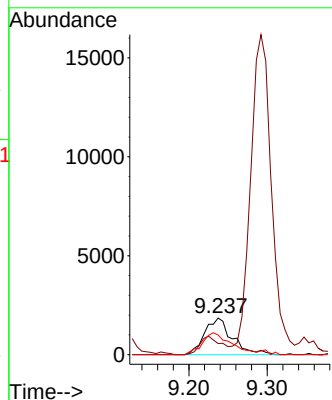
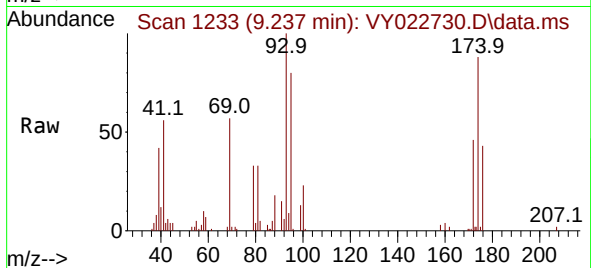
Tgt Ion: 88 Resp: 4528

Ion Ratio Lower Upper

88 100

43 38.0 25.4 38.2

58 62.5 54.9 82.3



#50

Toluene-d8

Concen: 52.781 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022730.D

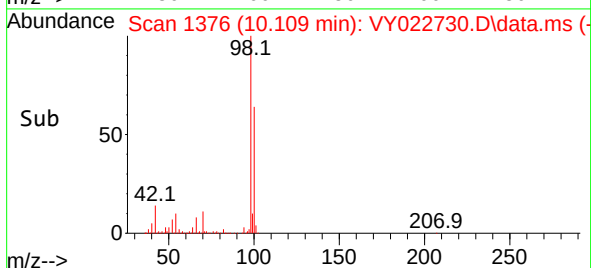
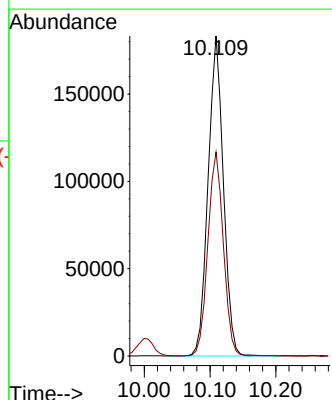
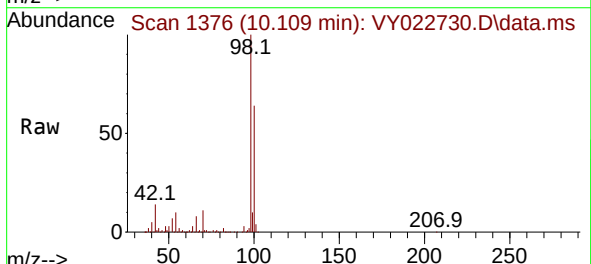
Acq: 18 Jun 2025 10:51

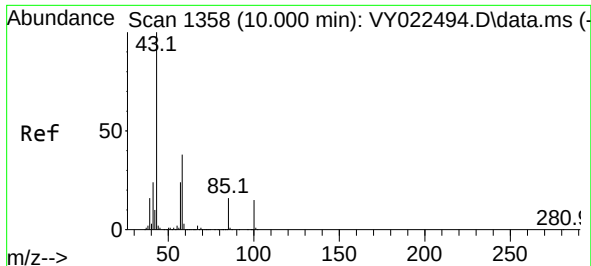
Tgt Ion: 98 Resp: 296400

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

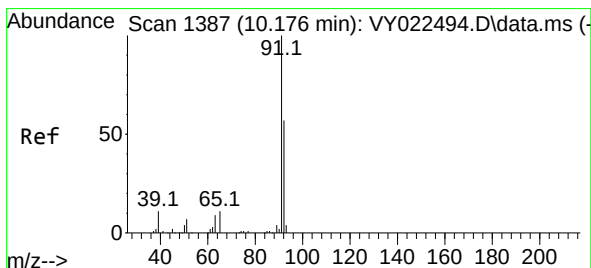
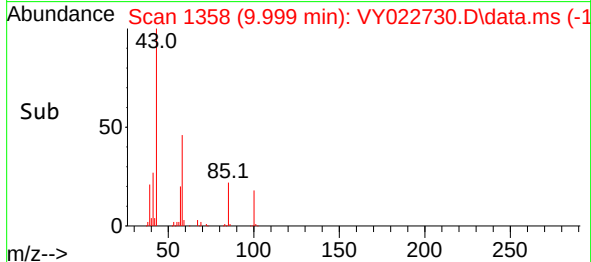
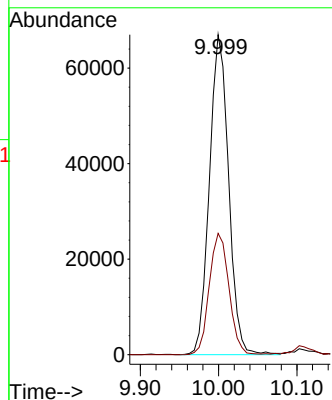
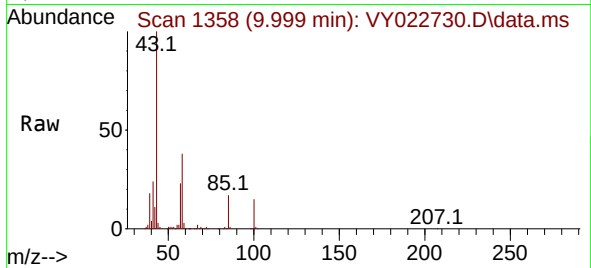




#51
4-Methyl-2-Pentanone
Concen: 105.459 ug/l
RT: 9.999 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

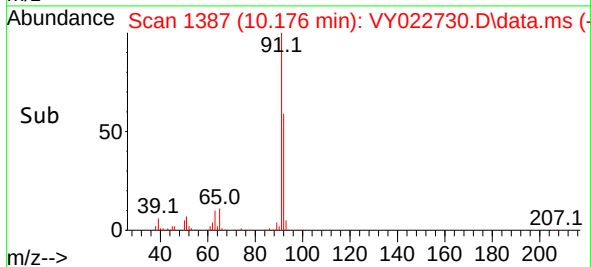
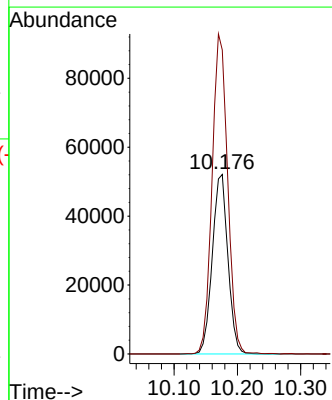
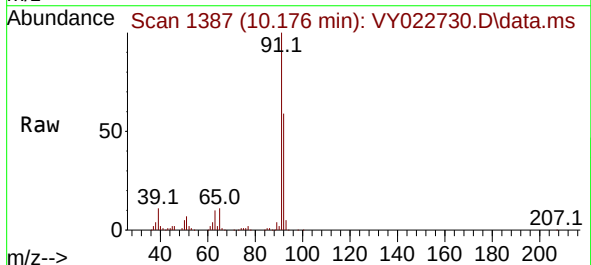
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

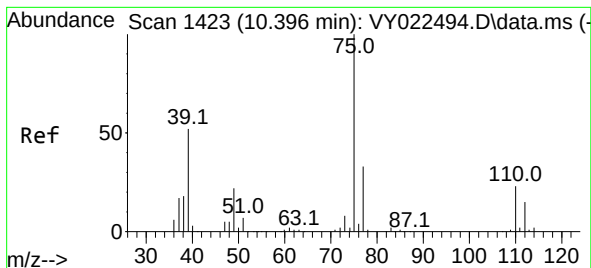
Tgt Ion: 43 Resp: 114227
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6



#52
Toluene
Concen: 21.309 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 92 Resp: 89214
Ion Ratio Lower Upper
92 100
91 177.5 139.0 208.4

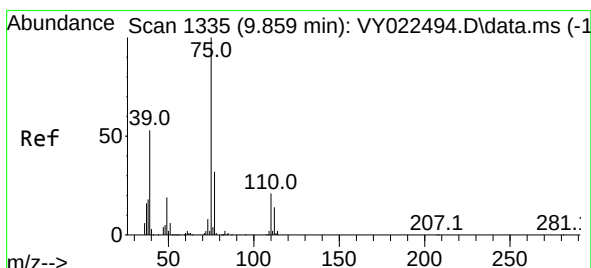
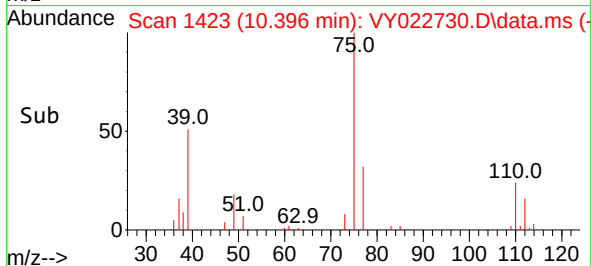
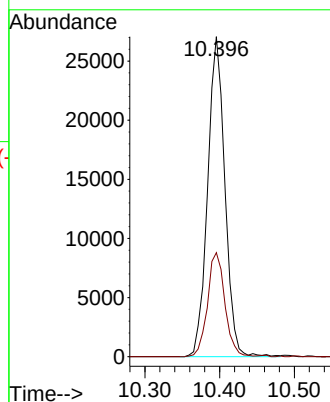
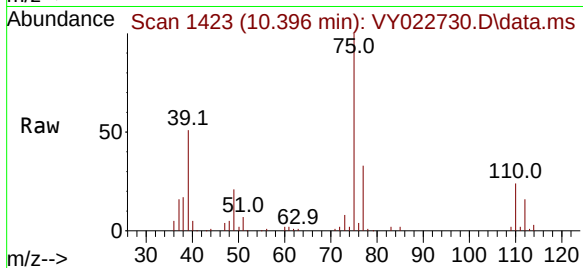




#53
t-1,3-Dichloropropene
Concen: 20.635 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

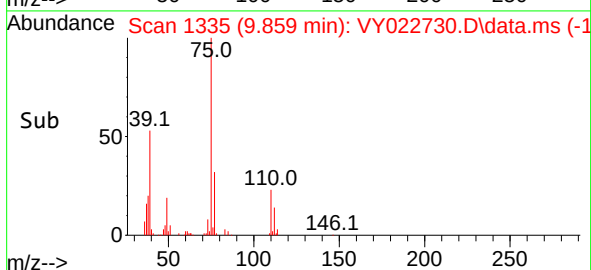
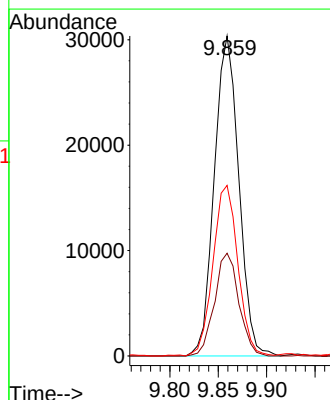
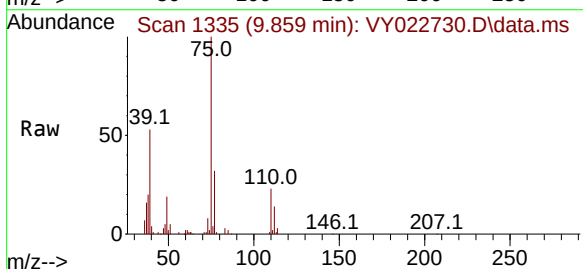
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

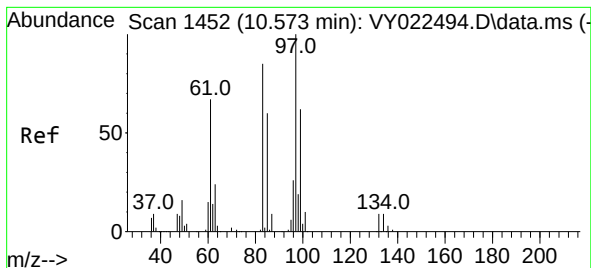
Tgt Ion: 75 Resp: 43426
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 21.813 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 75 Resp: 53438
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 53.0 42.7 64.1

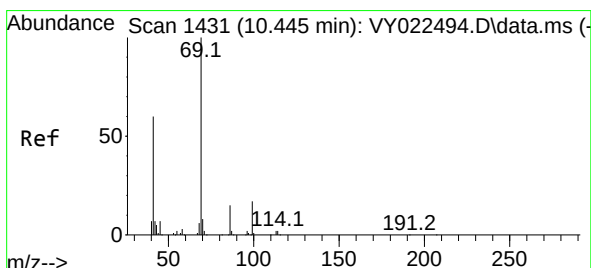
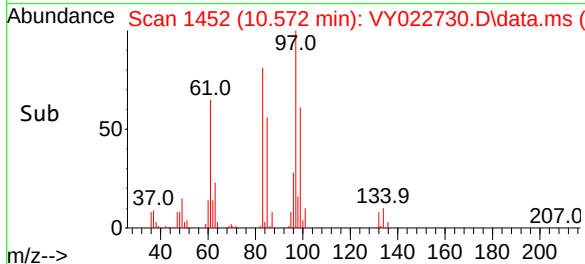
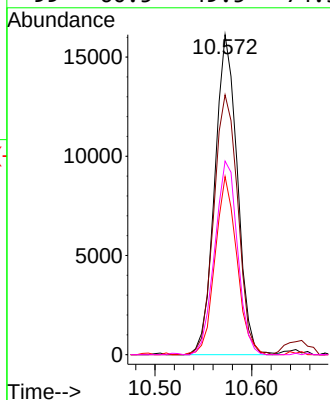
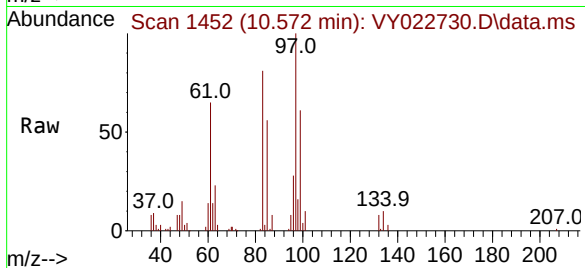




#55
1,1,2-Trichloroethane
Concen: 23.110 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

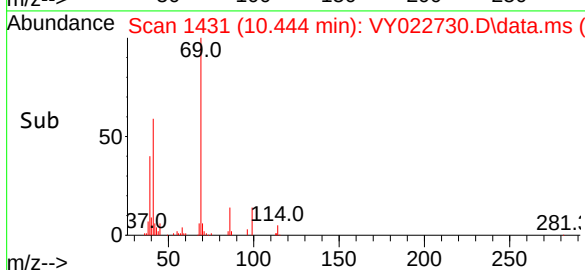
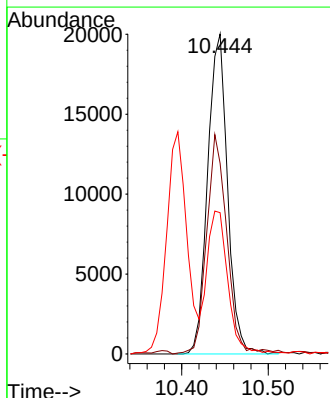
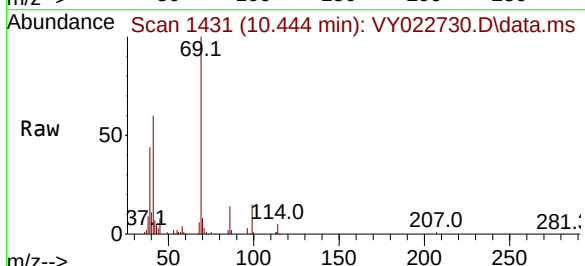
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

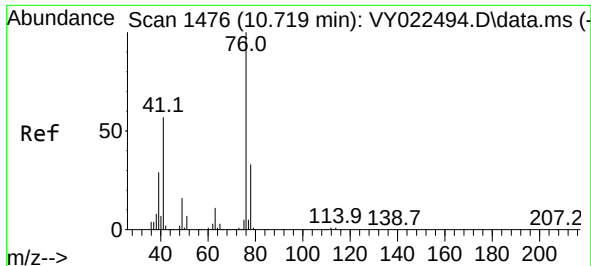
Tgt Ion:	97	Resp:	26103
Ion	Ratio	Lower	Upper
97	100		
83	81.2	68.1	102.1
85	55.6	48.2	72.2
99	60.5	49.5	74.3



#56
Ethyl methacrylate
Concen: 19.572 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion:	69	Resp:	31952
Ion	Ratio	Lower	Upper
69	100		
41	70.1	52.2	78.2
39	46.2	36.7	55.1





#57

1,3-Dichloropropane

Concen: 22.210 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

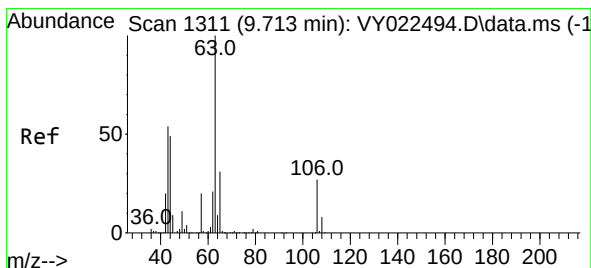
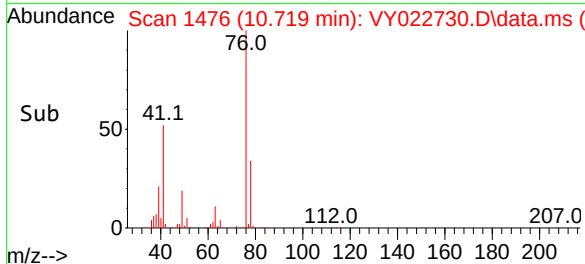
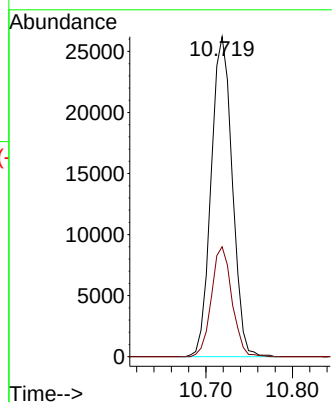
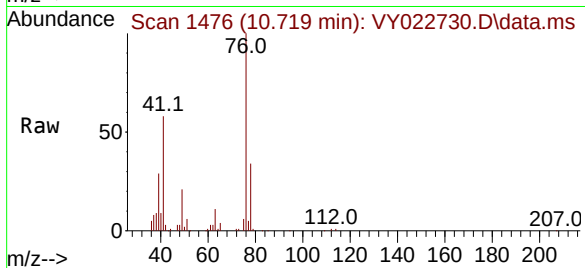
VY0618SBS01

Tgt Ion: 76 Resp: 44463

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.394 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022730.D

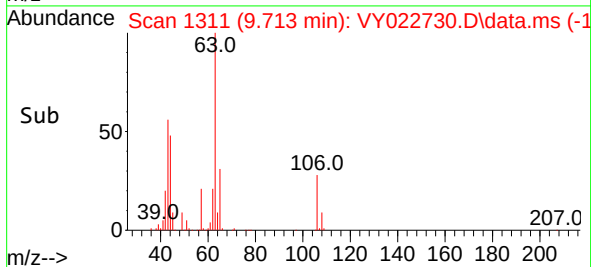
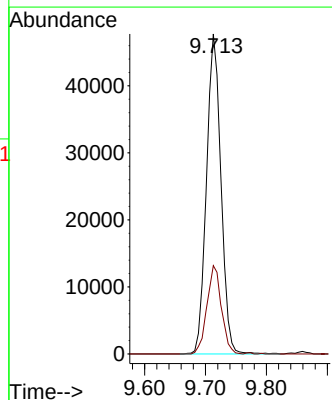
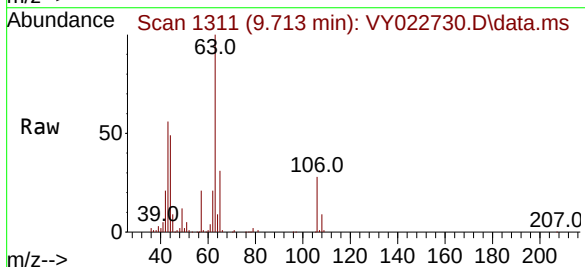
Acq: 18 Jun 2025 10:51

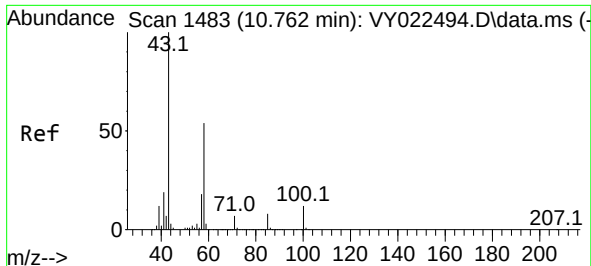
Tgt Ion: 63 Resp: 78859

Ion Ratio Lower Upper

63 100

106 27.6 21.6 32.4

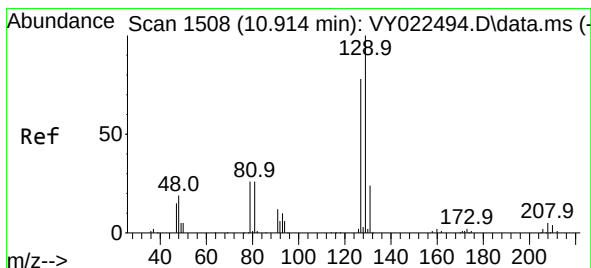
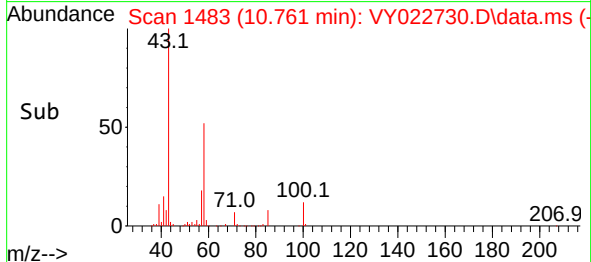
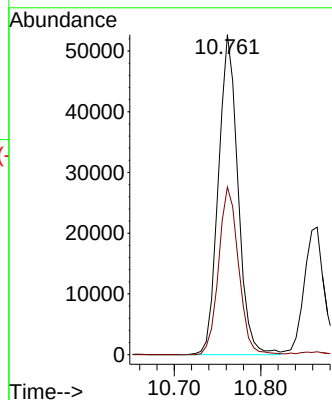
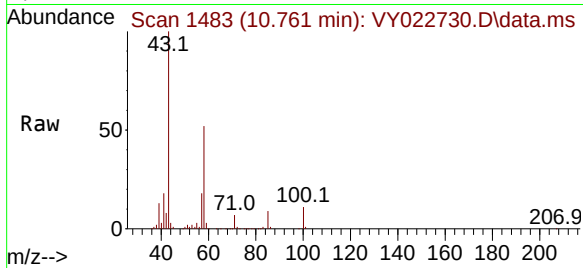




#59
2-Hexanone
Concen: 114.158 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

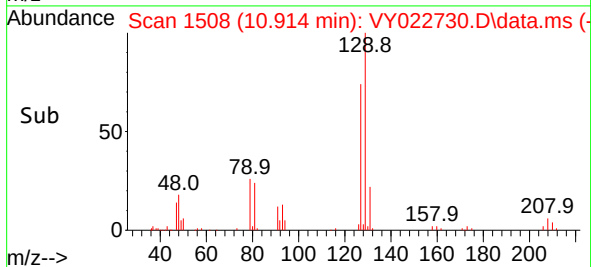
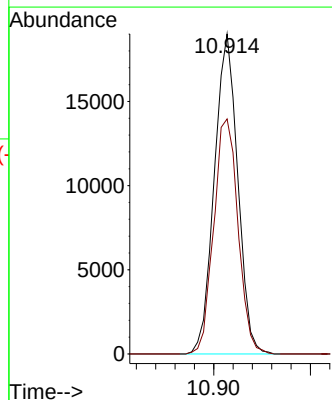
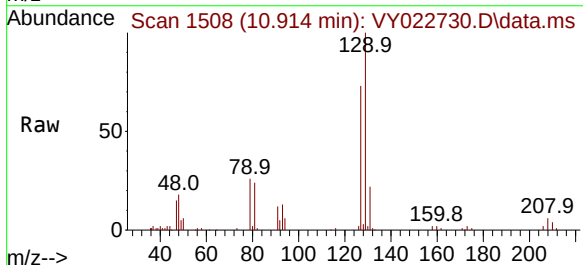
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

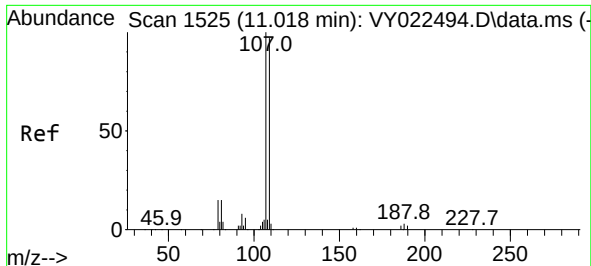
Tgt Ion: 43 Resp: 82695
Ion Ratio Lower Upper
43 100
58 53.3 27.3 81.8



#60
Dibromochloromethane
Concen: 22.196 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 129 Resp: 31860
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2

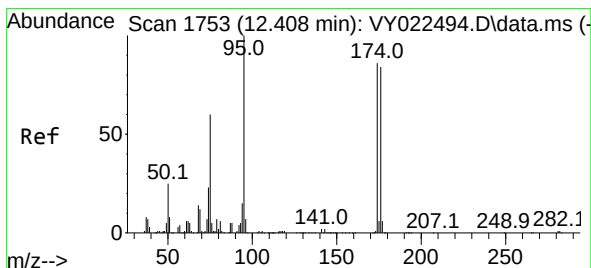
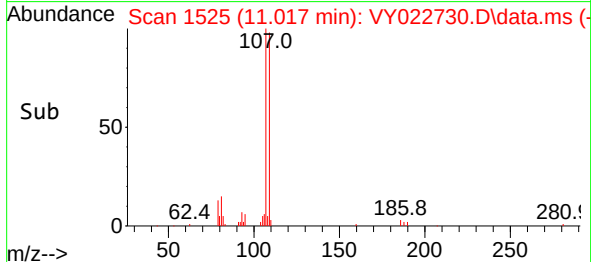
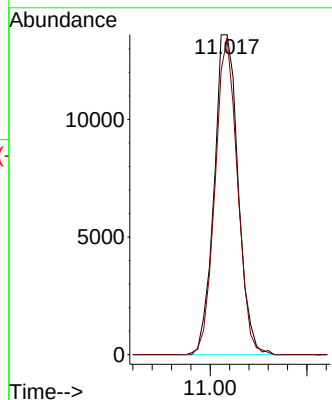
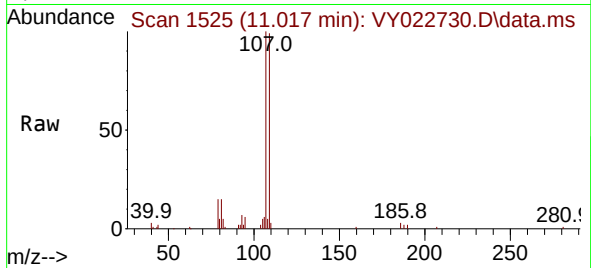




#61
1,2-Dibromoethane
Concen: 22.745 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

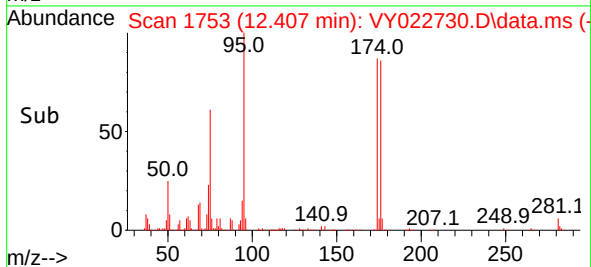
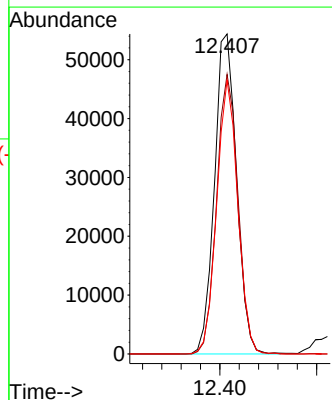
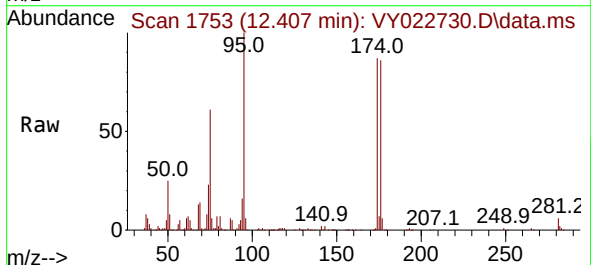
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

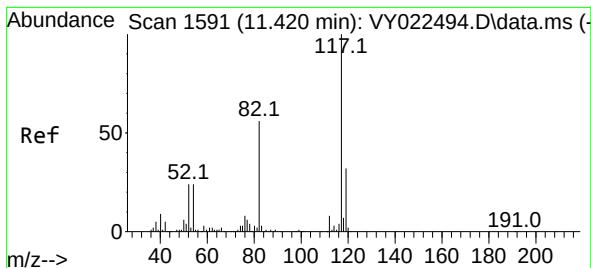
Tgt Ion:107 Resp: 23416
Ion Ratio Lower Upper
107 100
109 92.4 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.464 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 95 Resp: 86110
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.0
176 81.5 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

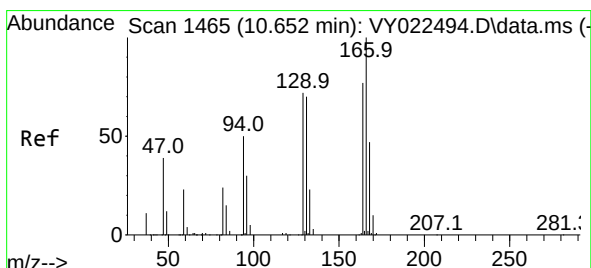
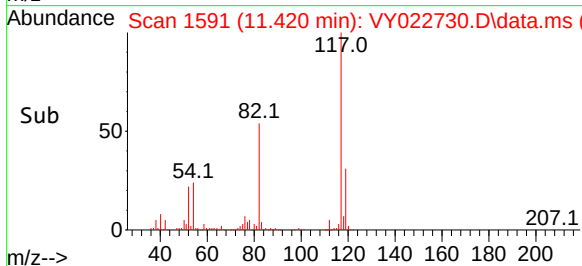
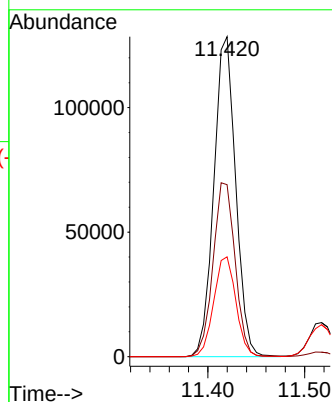
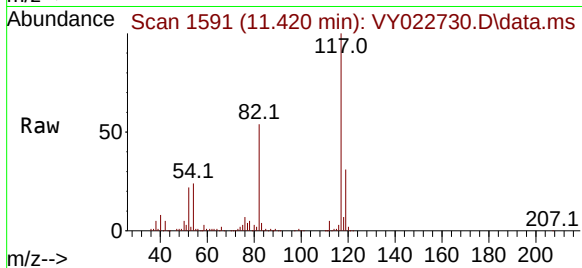
Tgt Ion:117 Resp: 201128

Ion Ratio Lower Upper

117 100

82 53.8 44.6 66.8

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 21.334 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Tgt Ion:164 Resp: 36911

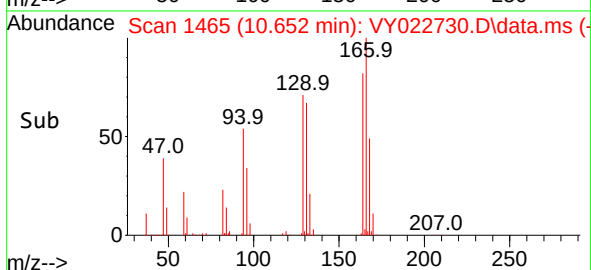
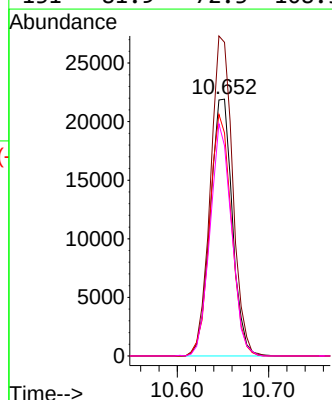
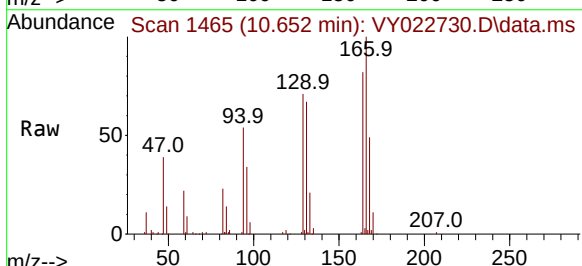
Ion Ratio Lower Upper

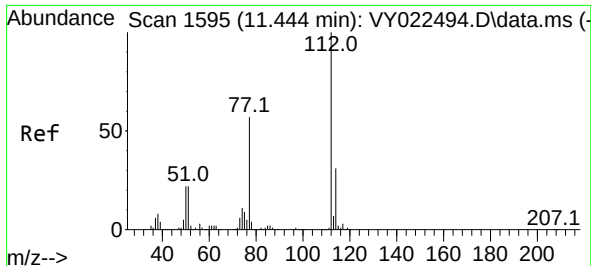
164 100

166 122.1 104.0 156.0

129 86.8 74.5 111.7

131 81.9 72.3 108.5

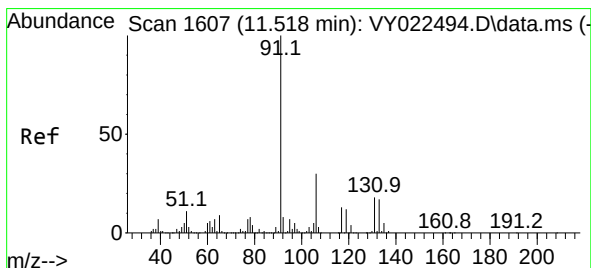
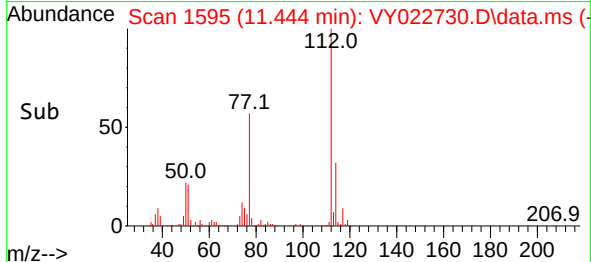
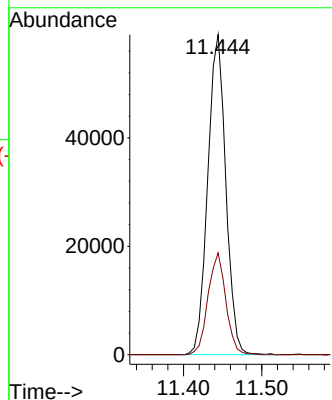
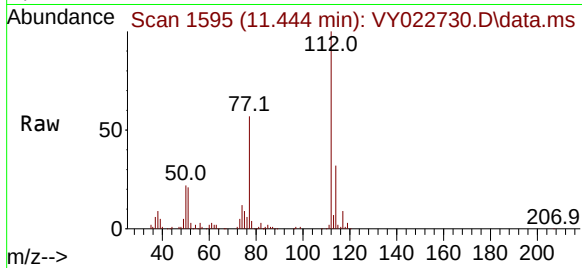




#65
Chlorobenzene
Concen: 21.222 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

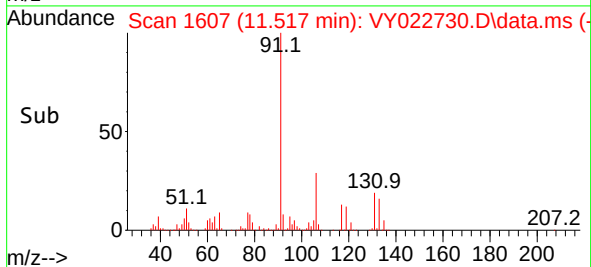
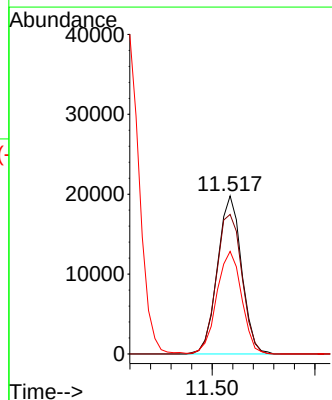
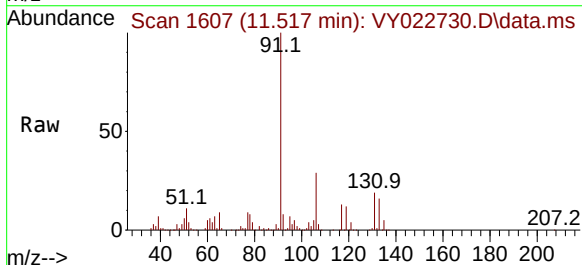
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

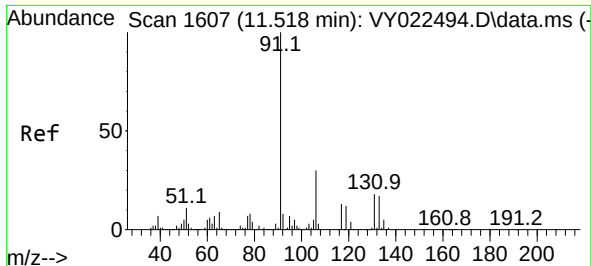
Tgt Ion:112 Resp: 94455
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.469 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion:131 Resp: 32189
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.8
119 67.0 33.1 99.3





#67

Ethyl Benzene

Concen: 20.275 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

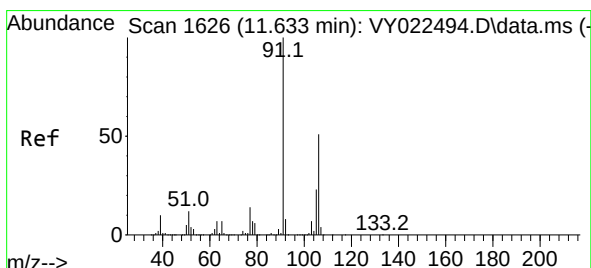
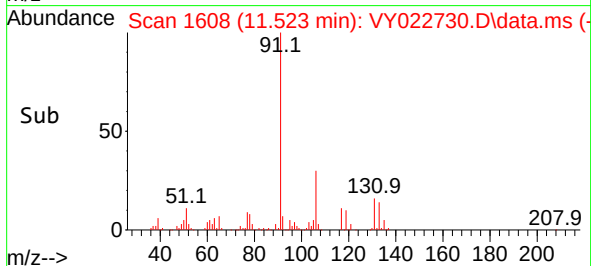
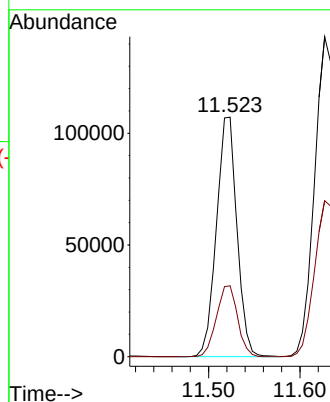
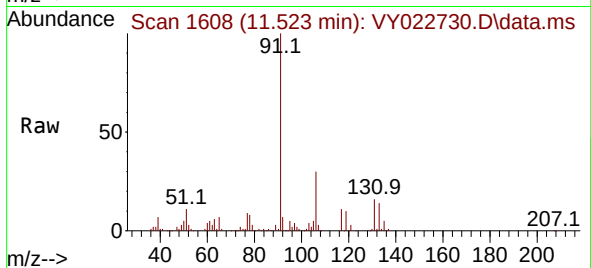
VY0618SBS01

Tgt Ion: 91 Resp: 167371

Ion Ratio Lower Upper

91 100

106 29.6 24.2 36.4



#68

m/p-Xylenes

Concen: 40.352 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022730.D

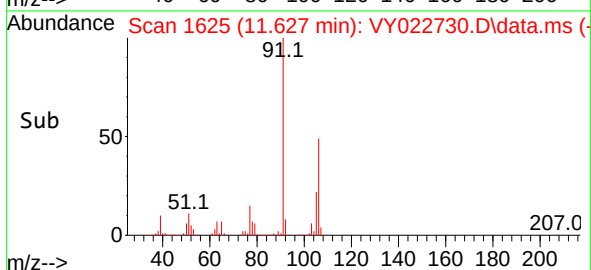
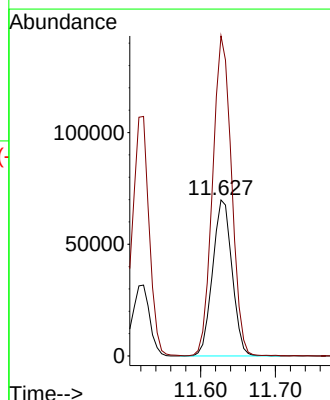
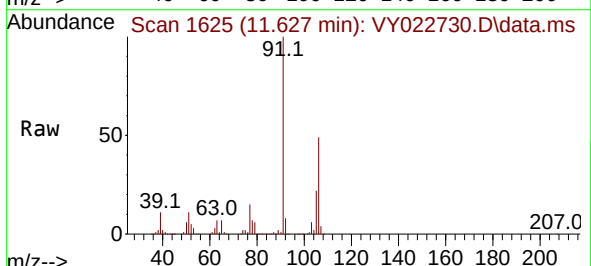
Acq: 18 Jun 2025 10:51

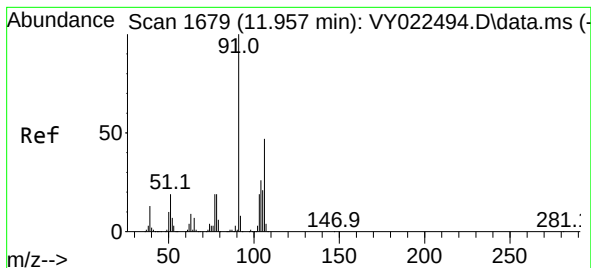
Tgt Ion:106 Resp: 126280

Ion Ratio Lower Upper

106 100

91 199.3 159.4 239.0

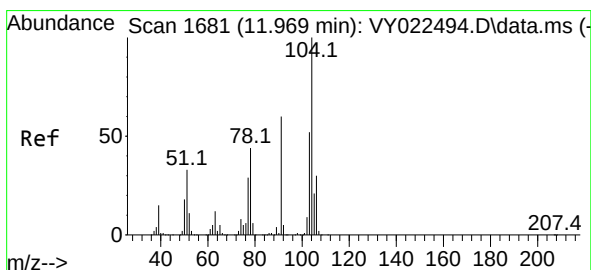
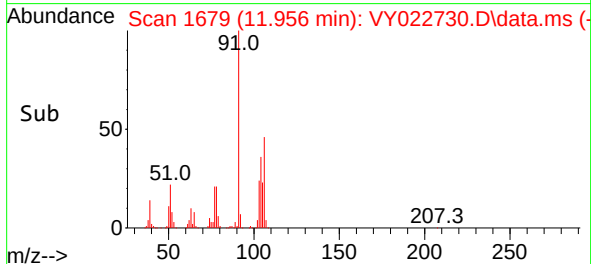
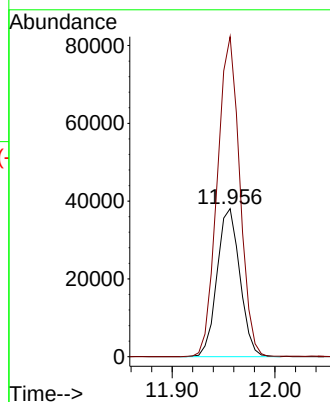
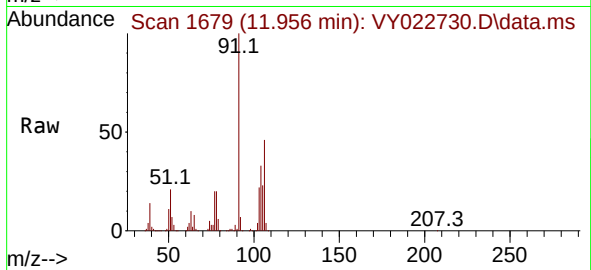




#69
o-Xylene
Concen: 19.983 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

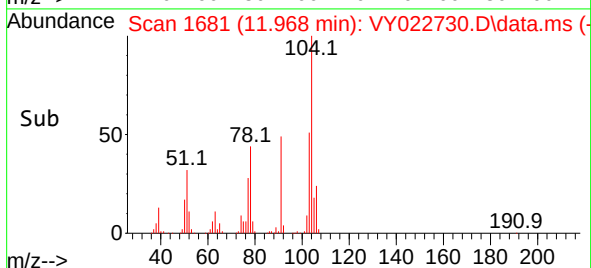
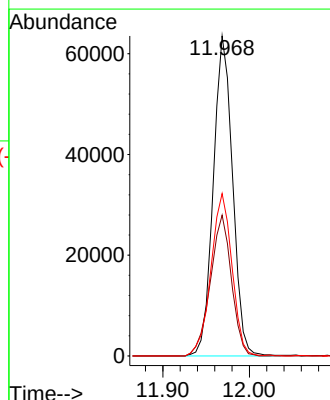
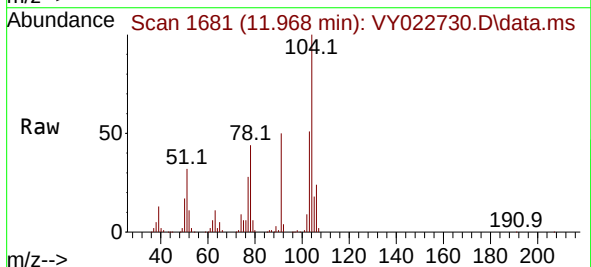
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

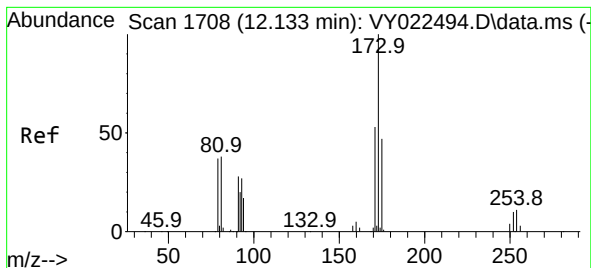
Tgt Ion:106 Resp: 58632
Ion Ratio Lower Upper
106 100
91 213.3 105.8 317.3



#70
Styrene
Concen: 20.307 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion:104 Resp: 98486
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 55.2 44.1 66.1





#71

Bromoform

Concen: 20.470 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

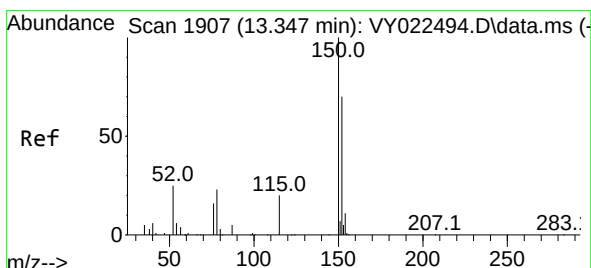
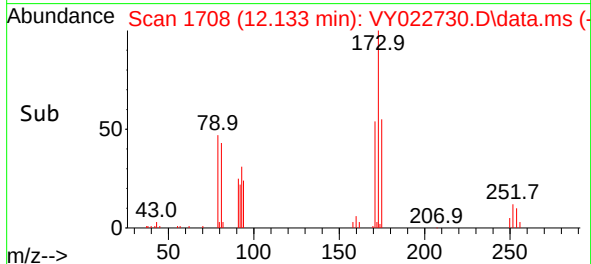
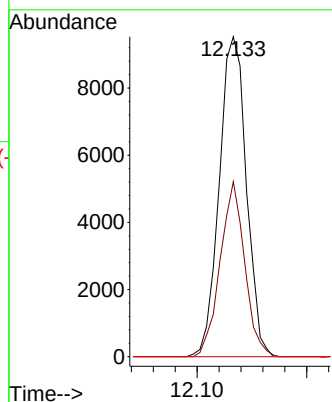
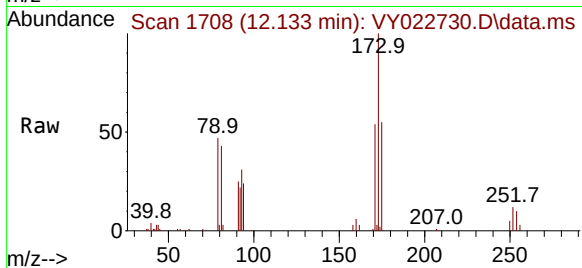
Tgt Ion:173 Resp: 16332

Ion Ratio Lower Upper

173 100

175 49.7 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: VY022730.D

Acq: 18 Jun 2025 10:51

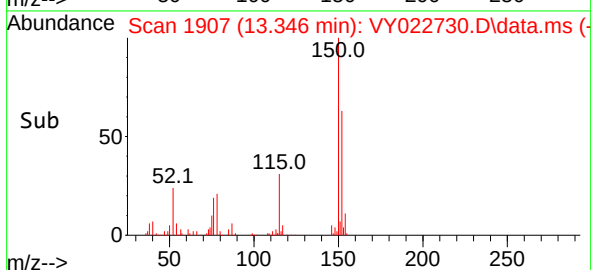
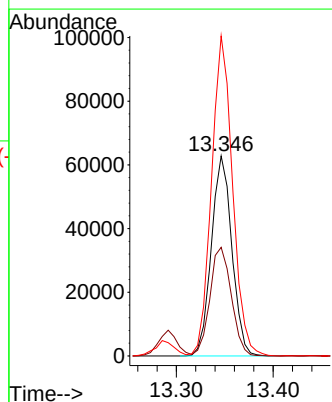
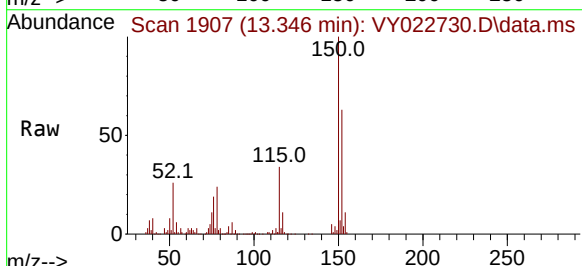
Tgt Ion:152 Resp: 92649

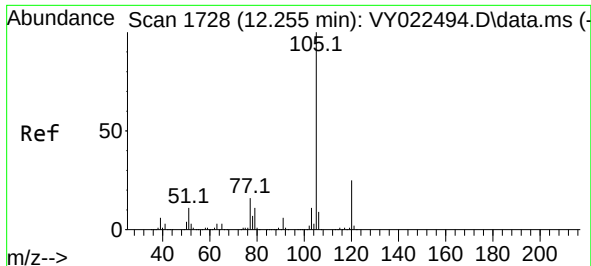
Ion Ratio Lower Upper

152 100

115 56.6 28.9 86.7

150 164.0 0.0 349.6

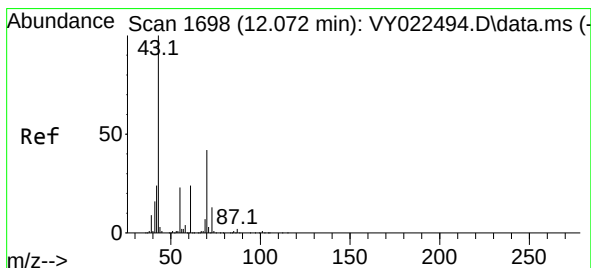
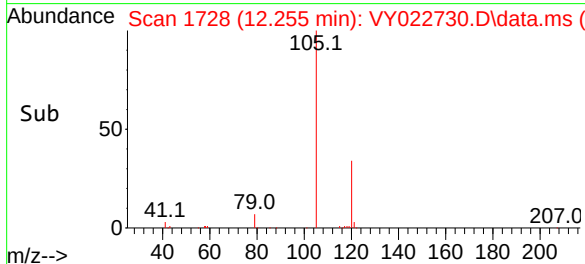
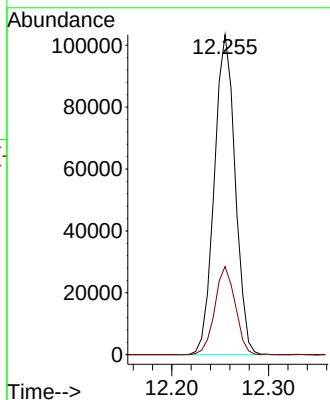
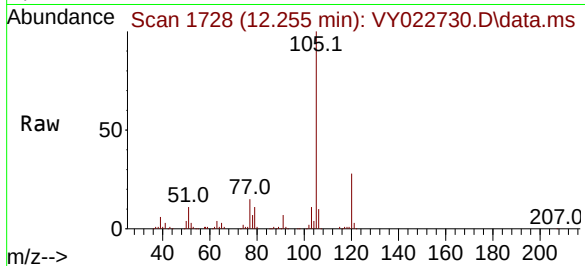




#73
Isopropylbenzene
Concen: 20.378 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

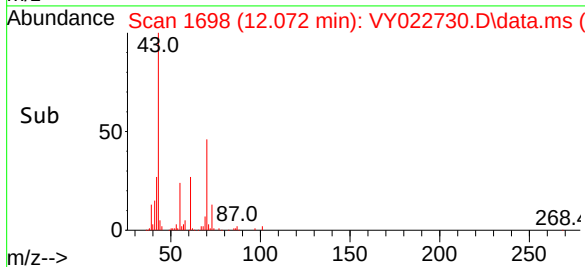
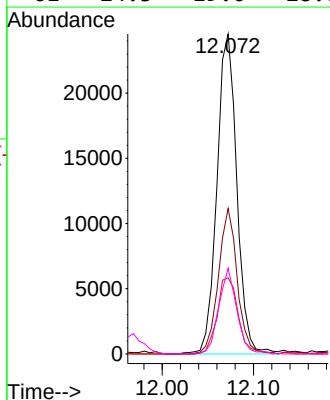
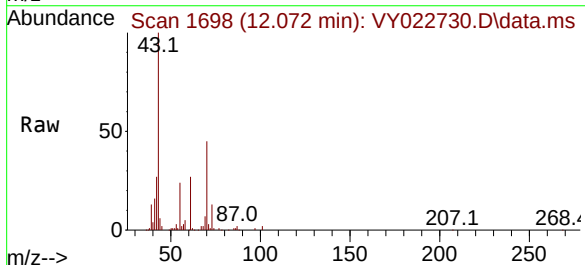
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

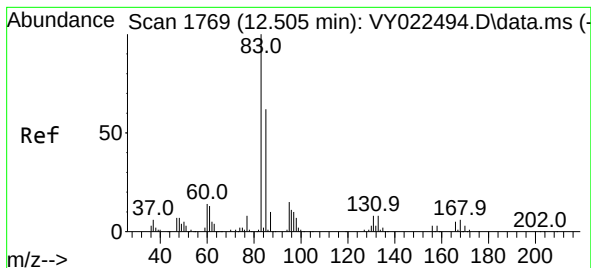
Tgt Ion:105 Resp: 155001
Ion Ratio Lower Upper
105 100
120 26.9 13.0 38.9



#74
N-ethyl acetate
Concen: 19.358 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 43 Resp: 37153
Ion Ratio Lower Upper
43 100
70 43.3 34.2 51.2
55 25.1 18.2 27.4
61 24.3 19.0 28.6

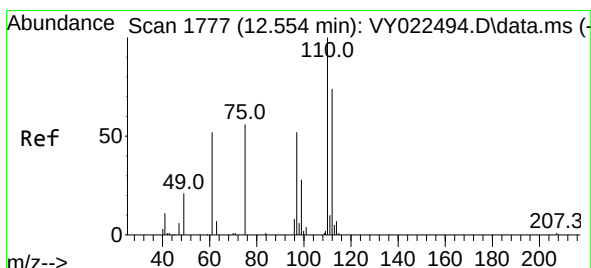
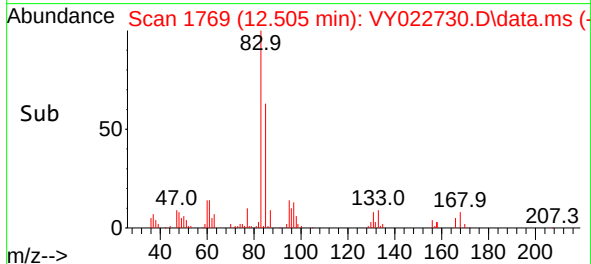
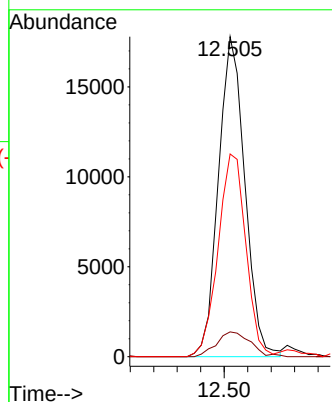
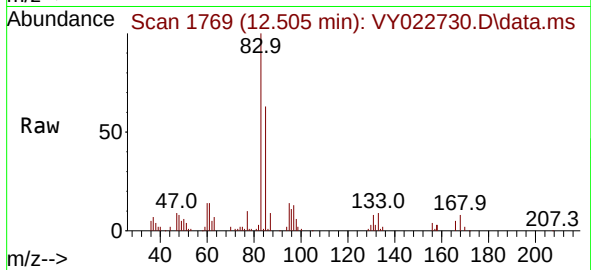




#75
 1,1,2-Tetrachloroethane
 Concen: 22.298 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022730.D
 Acq: 18 Jun 2025 10:51

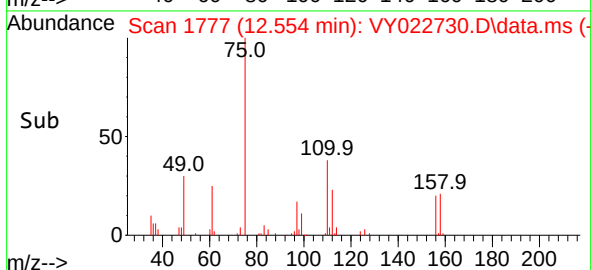
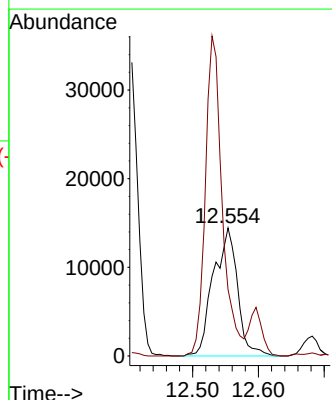
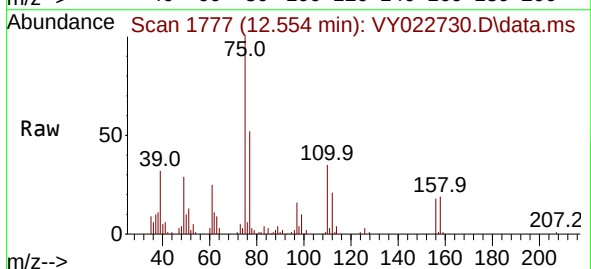
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

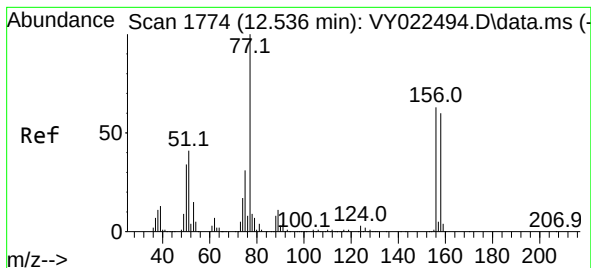
Tgt Ion: 83 Resp: 27837
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.9 14.7
 85 66.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 34.845 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022730.D
 Acq: 18 Jun 2025 10:51

Tgt Ion: 75 Resp: 36934
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.471 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

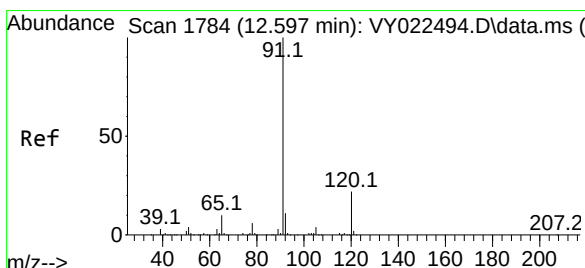
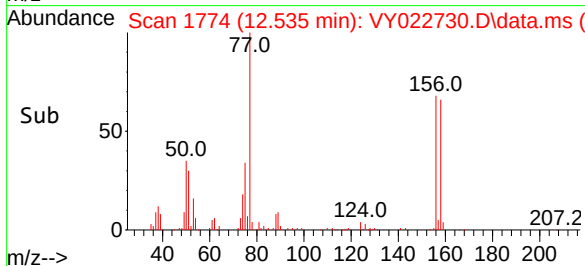
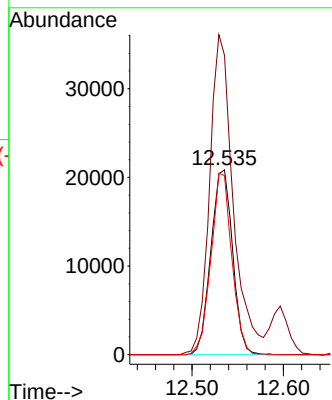
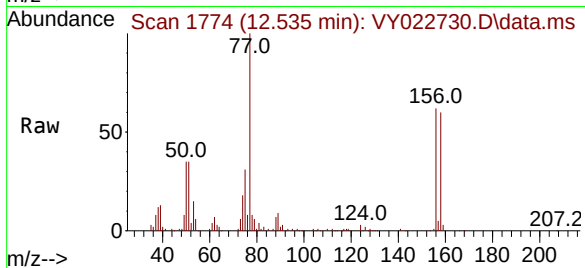
Tgt Ion:156 Resp: 34465

Ion Ratio Lower Upper

156 100

77 187.6 94.0 282.1

158 94.4 48.2 144.6



#78

n-propylbenzene

Concen: 20.651 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022730.D

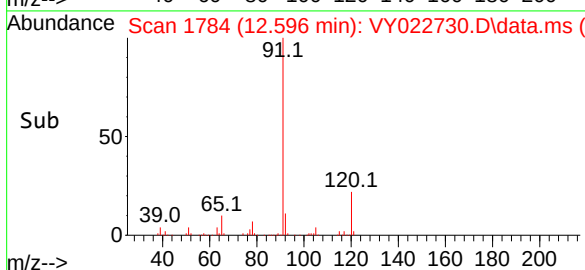
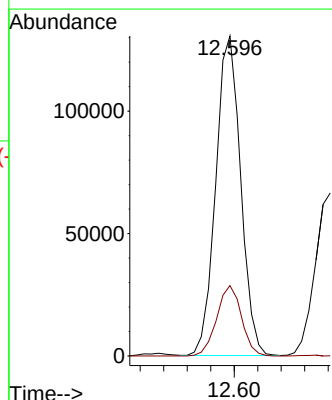
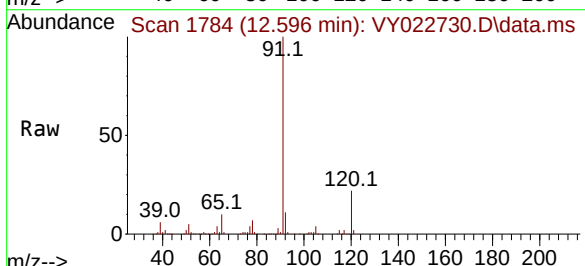
Acq: 18 Jun 2025 10:51

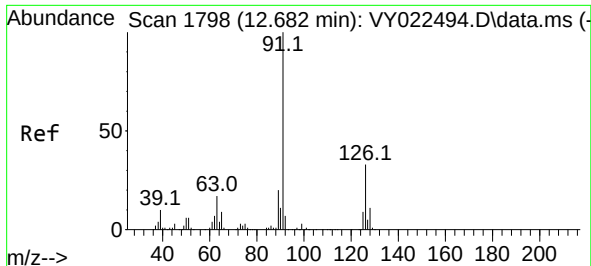
Tgt Ion: 91 Resp: 191857

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4





#79

2-Chlorotoluene

Concen: 20.745 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

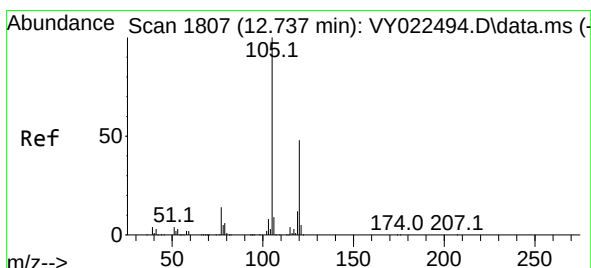
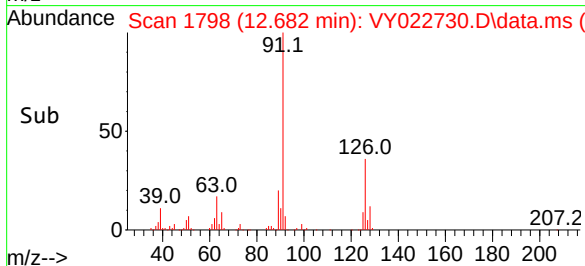
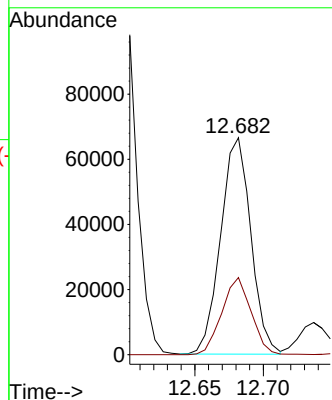
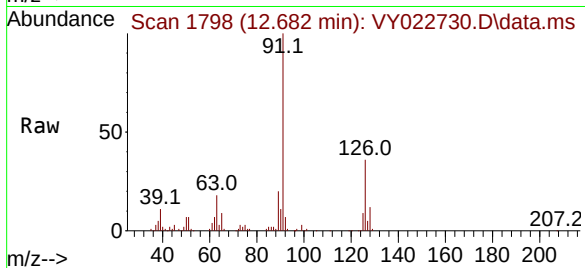
VY0618SBS01

Tgt Ion: 91 Resp: 102147

Ion Ratio Lower Upper

91 100

126 34.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 20.710 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022730.D

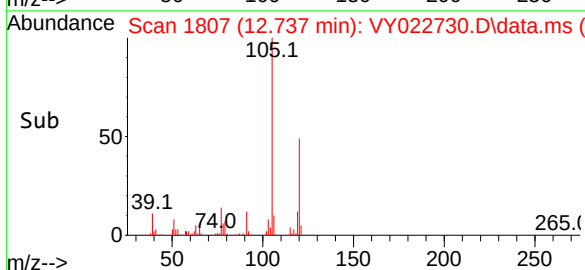
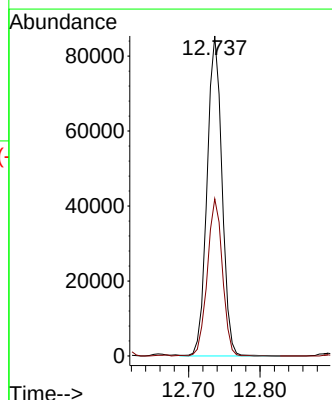
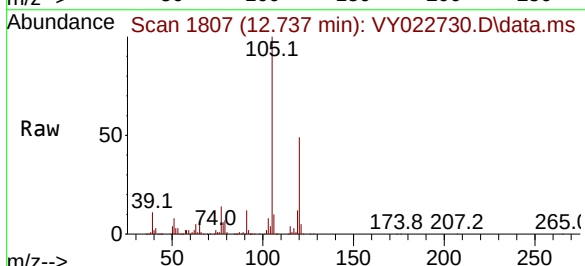
Acq: 18 Jun 2025 10:51

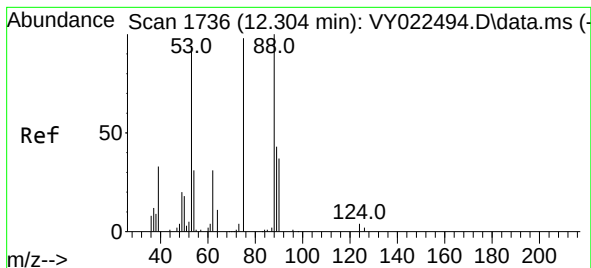
Tgt Ion: 105 Resp: 123677

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.4

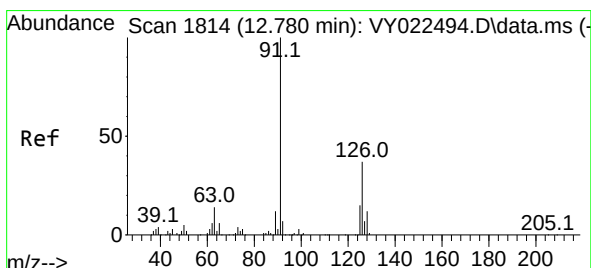
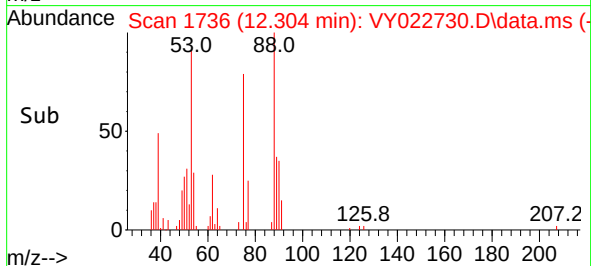
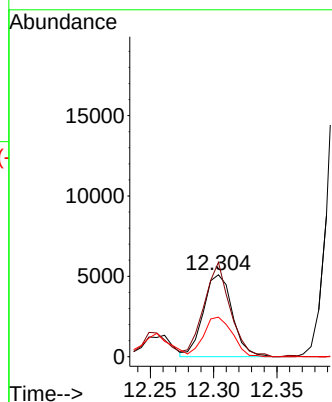
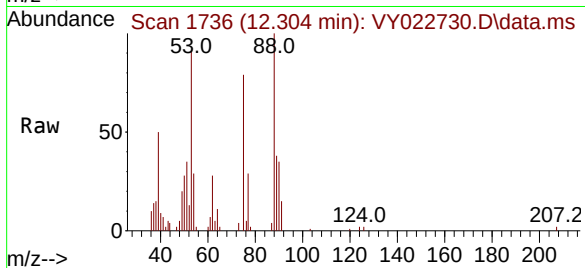




#81
trans-1,4-Dichloro-2-butene
Concen: 18.494 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

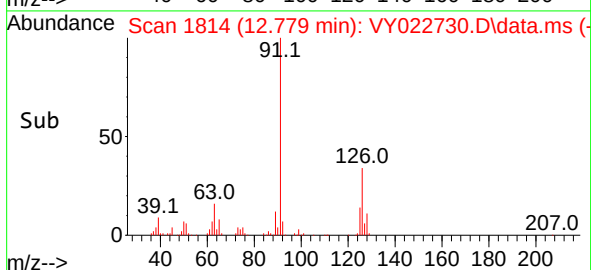
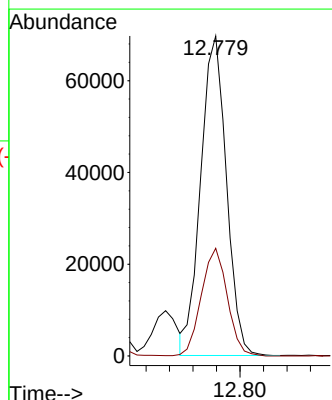
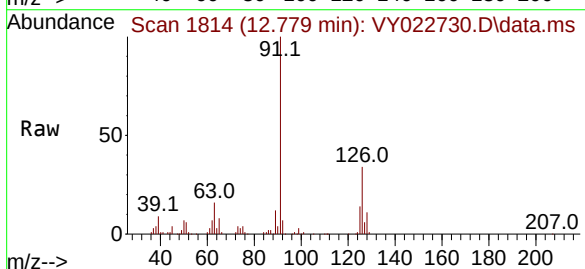
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

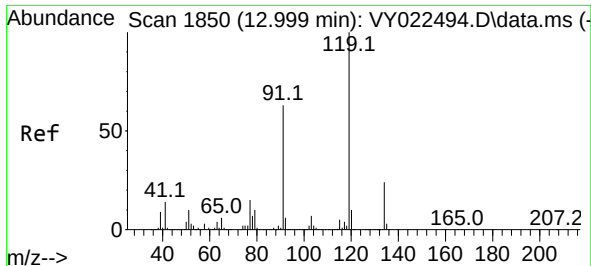
Tgt Ion: 75 Resp: 8117
Ion Ratio Lower Upper
75 100
53 104.9 78.5 117.7
89 47.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.814 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 91 Resp: 105728
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9

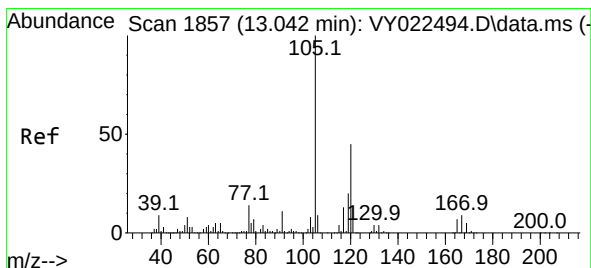
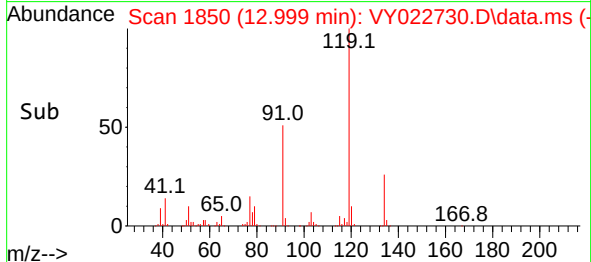
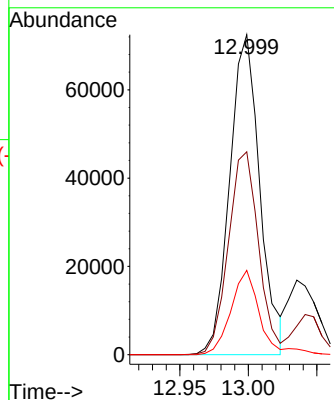
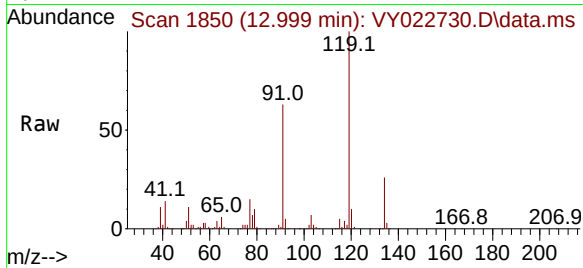




#83
 tert-Butylbenzene
 Concen: 20.706 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022730.D
 Acq: 18 Jun 2025 10:51

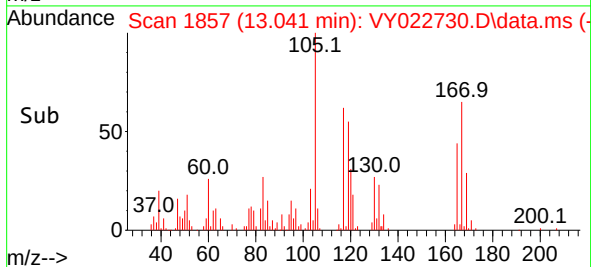
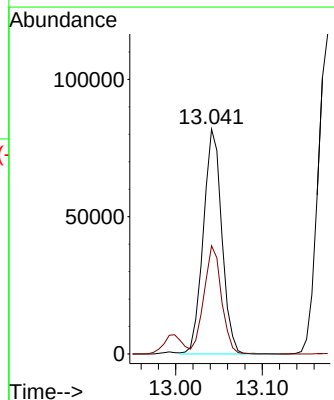
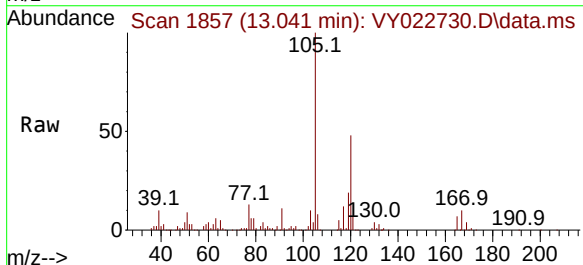
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

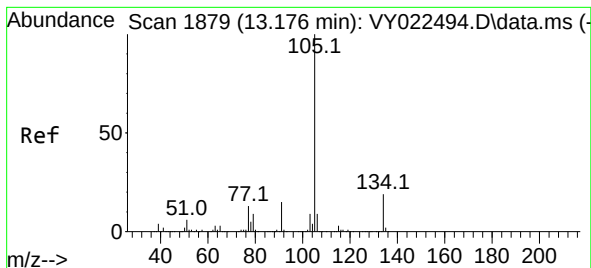
Tgt Ion:119 Resp: 110978
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.1 96.3
 134 25.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.363 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022730.D
 Acq: 18 Jun 2025 10:51

Tgt Ion:105 Resp: 121625
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.578 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

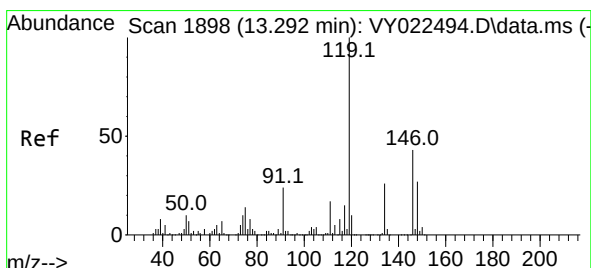
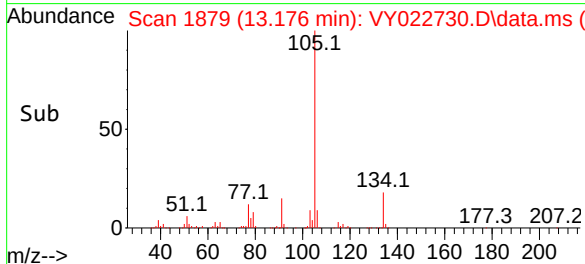
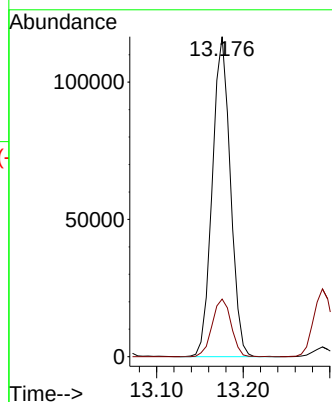
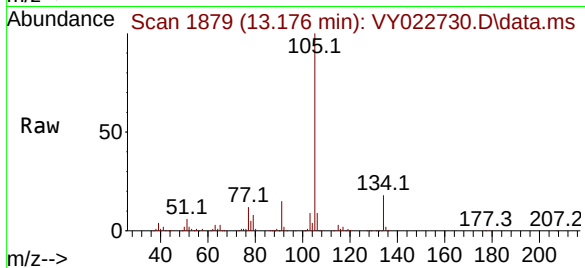
VY0618SBS01

Tgt Ion:105 Resp: 168918

Ion Ratio Lower Upper

105 100

134 18.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.238 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

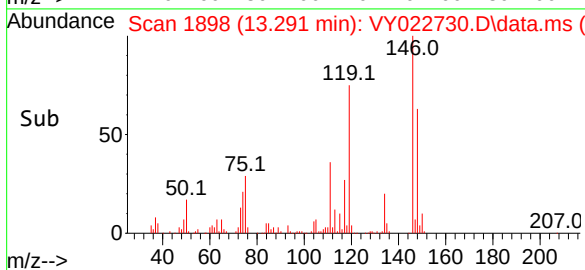
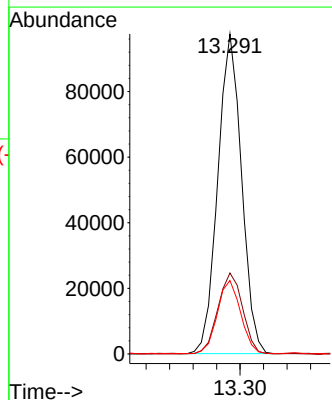
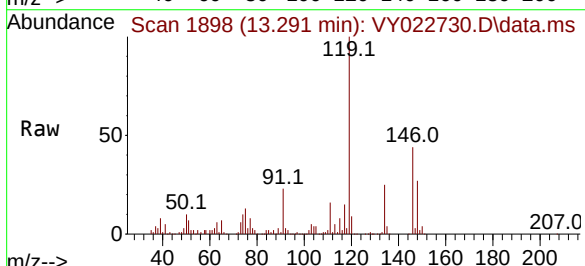
Tgt Ion:119 Resp: 136936

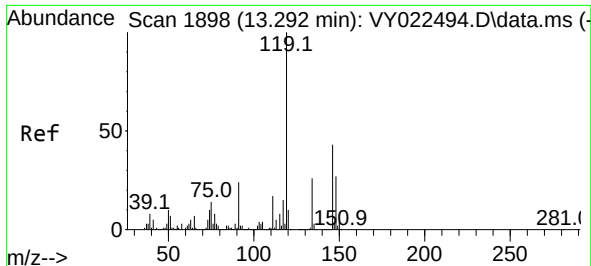
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 22.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.947 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

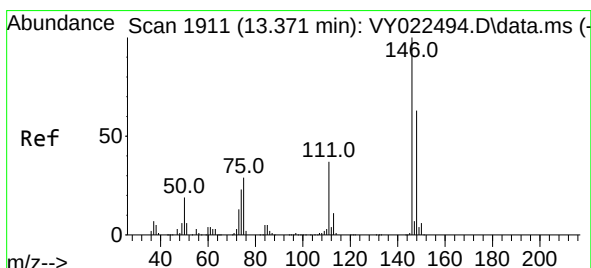
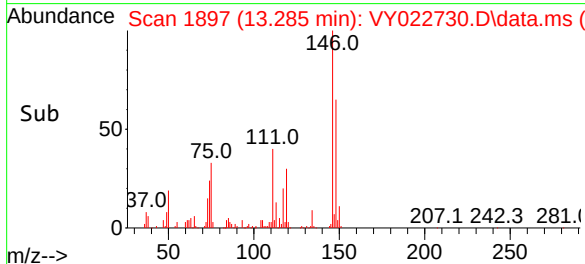
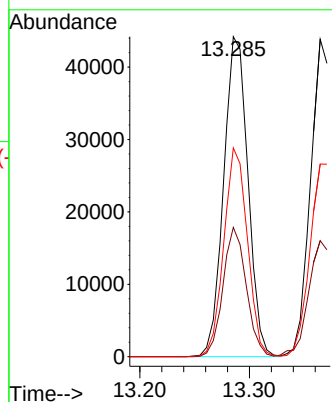
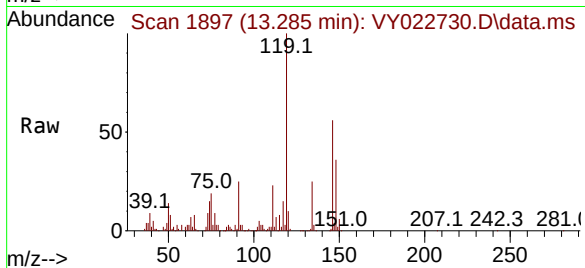
Tgt Ion:146 Resp: 68125

Ion Ratio Lower Upper

146 100

111 38.6 20.1 60.2

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 21.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

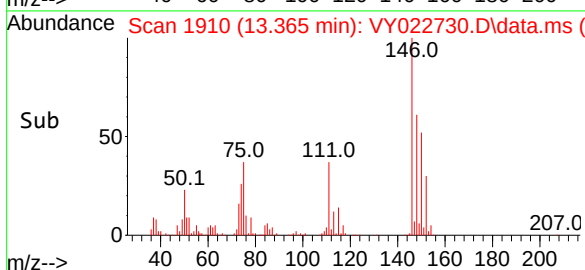
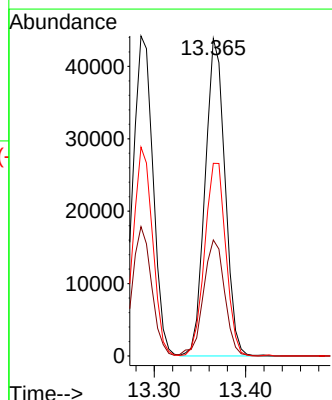
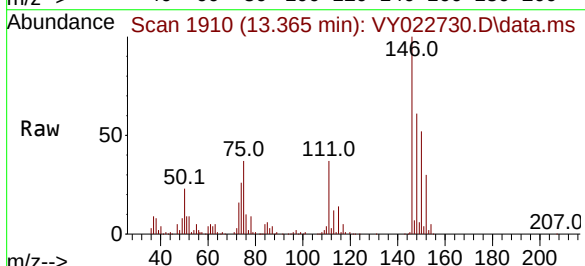
Tgt Ion:146 Resp: 66241

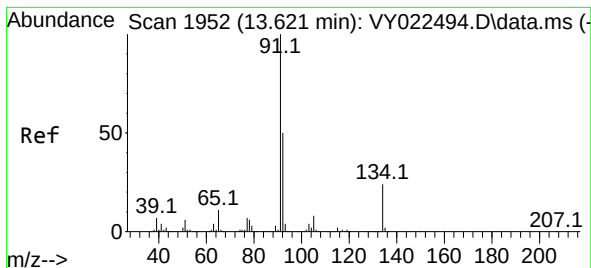
Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 20.605 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

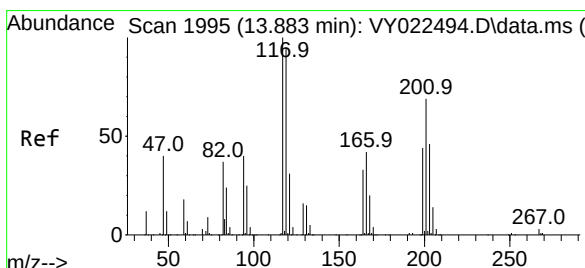
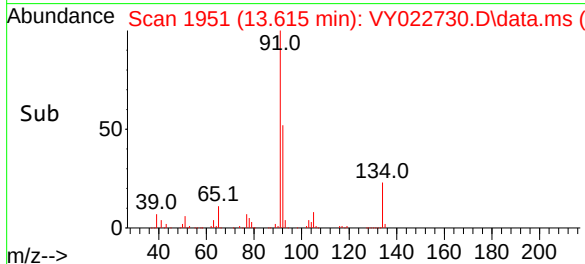
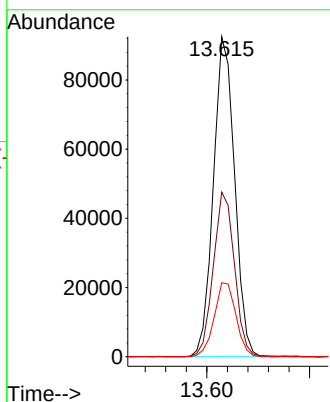
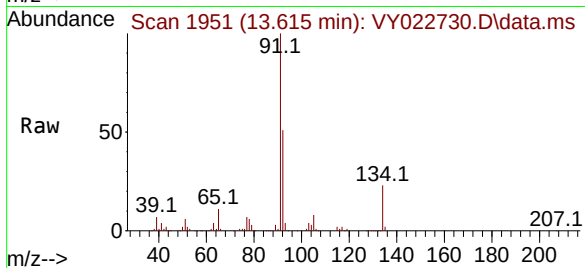
Tgt Ion: 91 Resp: 132277

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.8

134 23.8 12.0 36.1



#90

Hexachloroethane

Concen: 21.665 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022730.D

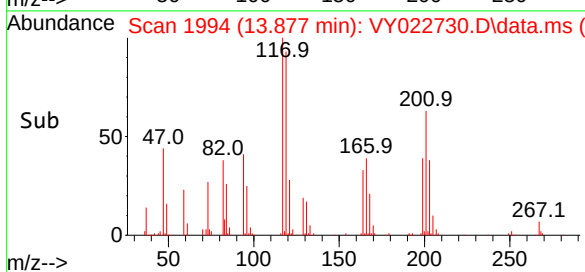
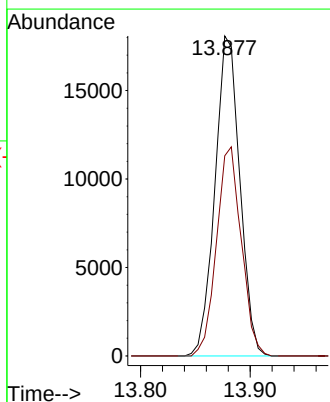
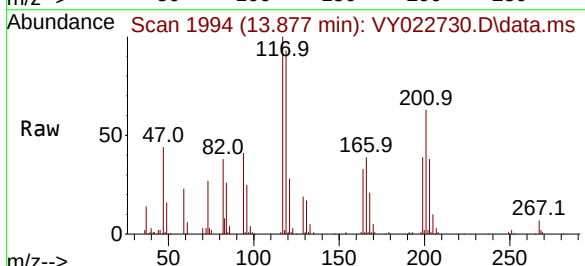
Acq: 18 Jun 2025 10:51

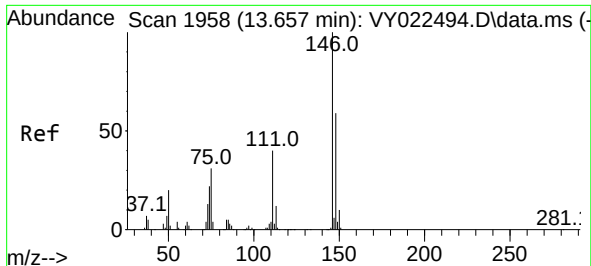
Tgt Ion: 117 Resp: 28539

Ion Ratio Lower Upper

117 100

201 65.1 34.0 102.0

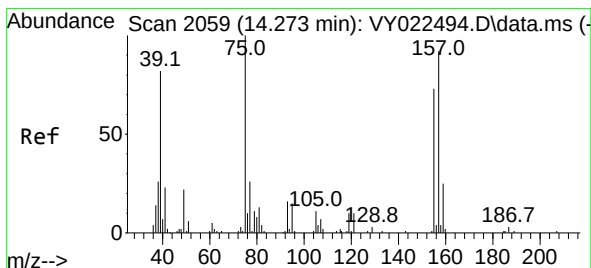
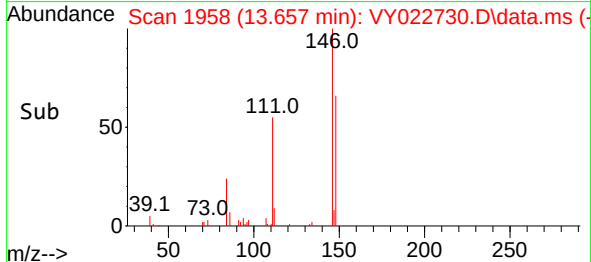
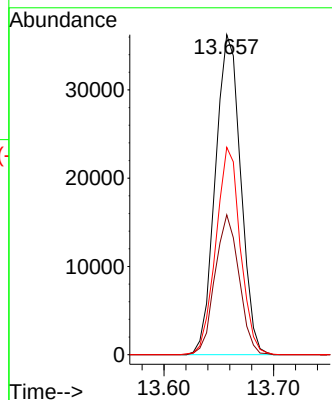
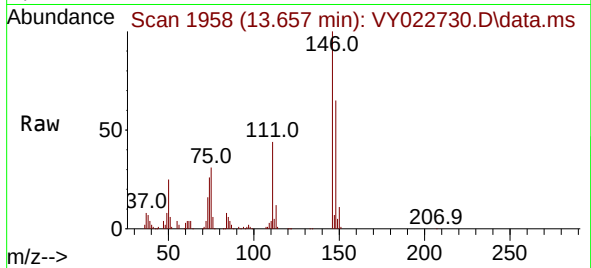




#91
1,2-Dichlorobenzene
Concen: 21.100 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

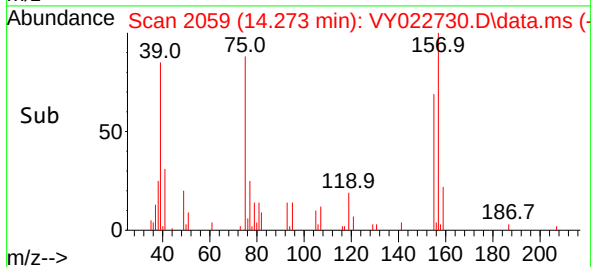
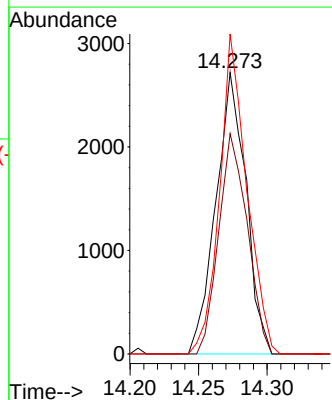
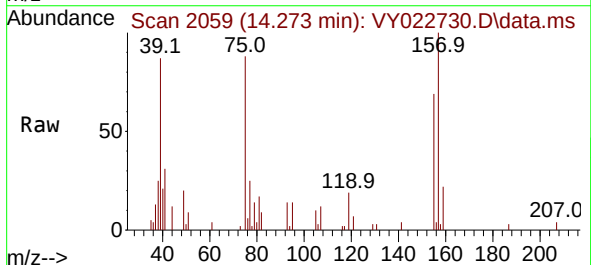
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

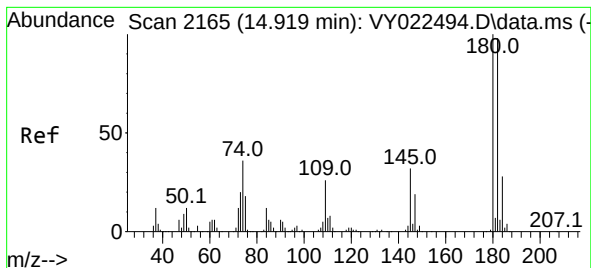
Tgt Ion:146 Resp: 58262
Ion Ratio Lower Upper
146 100
111 41.5 20.2 60.6
148 62.6 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.788 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022730.D
Acq: 18 Jun 2025 10:51

Tgt Ion: 75 Resp: 4142
Ion Ratio Lower Upper
75 100
155 74.5 39.9 119.6
157 103.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.277 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

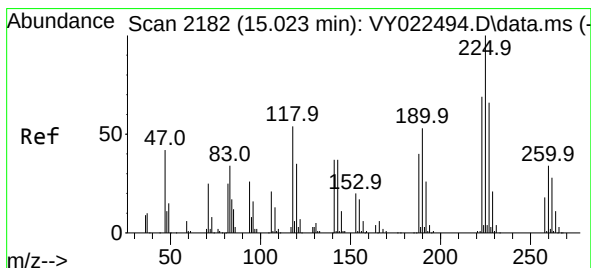
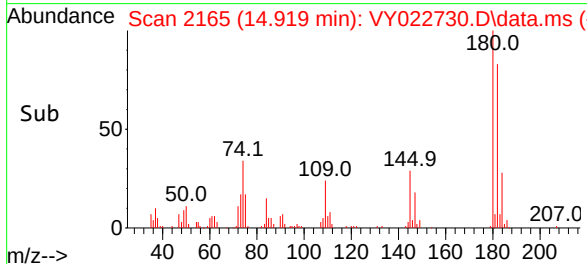
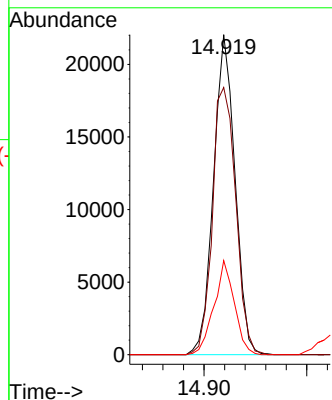
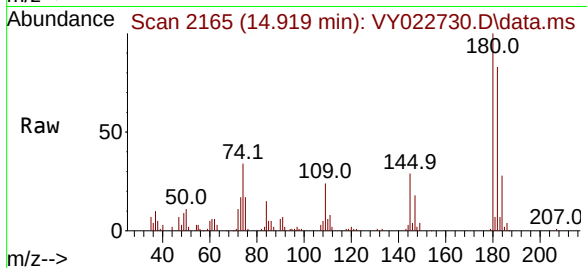
Tgt Ion:180 Resp: 32042

Ion Ratio Lower Upper

180 100

182 90.6 48.4 145.3

145 27.9 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.437 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

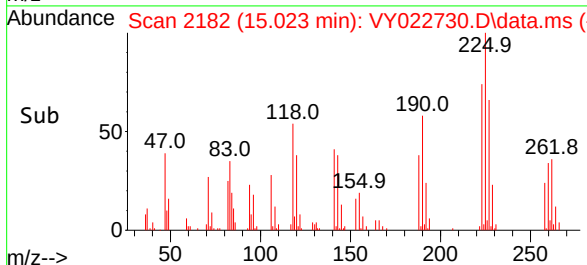
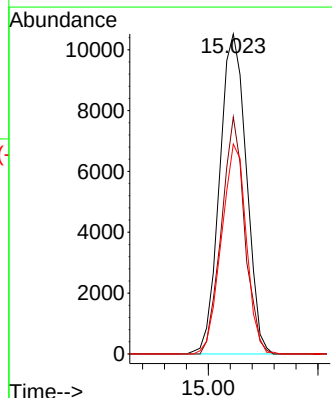
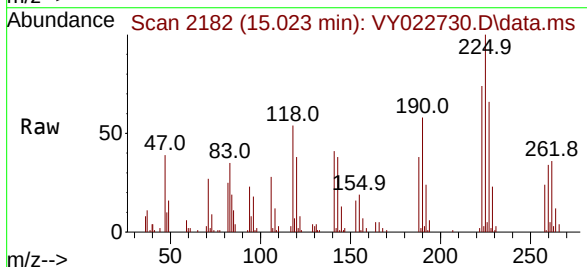
Tgt Ion:225 Resp: 17818

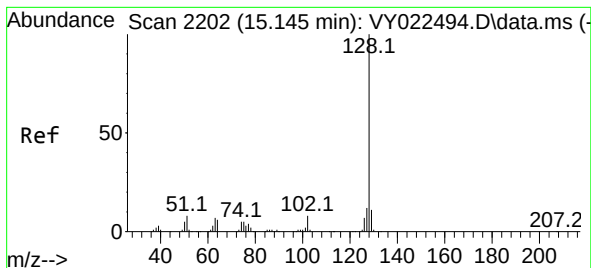
Ion Ratio Lower Upper

225 100

223 64.4 32.5 97.4

227 61.0 32.3 96.9





#95

Naphthalene

Concen: 19.141 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

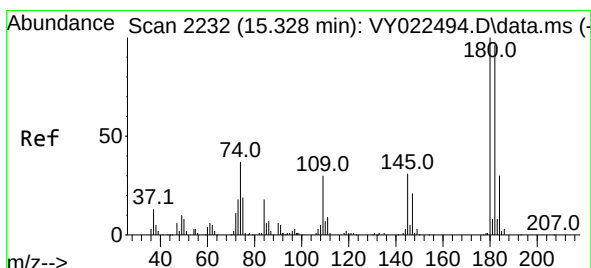
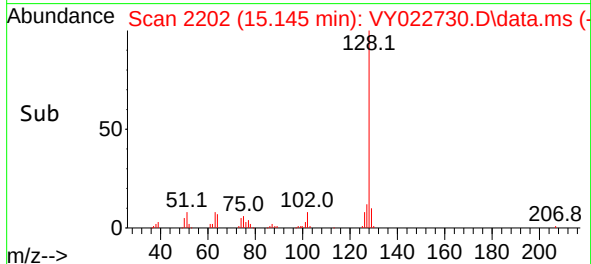
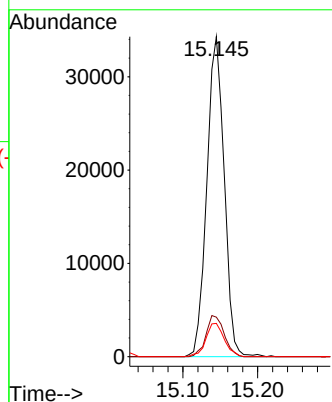
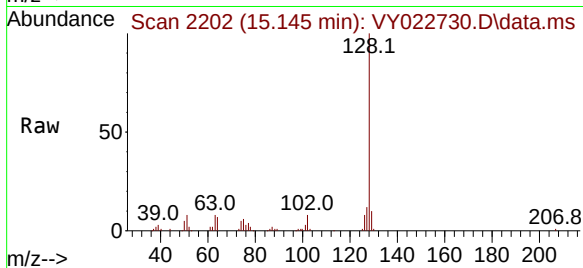
Tgt Ion:128 Resp: 55317

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.882 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022730.D

Acq: 18 Jun 2025 10:51

Tgt Ion:180 Resp: 26951

Ion Ratio Lower Upper

180 100

182 91.6 47.1 141.3

145 31.0 15.2 45.6

