

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022590.D
 Acq On : 06 Jun 2025 10:59
 Operator : SY/MD
 Sample : VY0606SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

Quant Time: Jun 06 23:40:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	160974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	277756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	234318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	111930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	94634	52.563	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.628	113	85219	51.403	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.800%	
50) Toluene-d8	10.103	98	339991	50.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	12.401	95	101044	50.625	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31290	21.711	ug/l	99
3) Chloromethane	2.068	50	92867	21.812	ug/l	95
4) Vinyl Chloride	2.202	62	132466	26.819	ug/l	99
5) Bromomethane	2.586	94	117517	24.824	ug/l	98
6) Chloroethane	2.726	64	92886	27.399	ug/l	94
7) Trichlorofluoromethane	3.043	101	120864	28.825	ug/l	97
8) Diethyl Ether	3.452	74	20285	21.482	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	36068	20.424	ug/l	98
10) Methyl Iodide	4.000	142	35573	18.614	ug/l	97
11) Tert butyl alcohol	4.872	59	15201	118.212	ug/l #	93
12) 1,1-Dichloroethene	3.781	96	35808	21.212	ug/l	90
13) Acrolein	3.653	56	15080	94.099	ug/l	98
14) Allyl chloride	4.378	41	54088	20.410	ug/l	99
15) Acrylonitrile	5.055	53	43357	108.414	ug/l	98
16) Acetone	3.872	43	33442	91.463	ug/l	100
17) Carbon Disulfide	4.098	76	110888	20.518	ug/l	97
18) Methyl Acetate	4.385	43	24581	22.702	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	101594	21.367	ug/l	98
20) Methylene Chloride	4.610	84	46892	22.577	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	40322	21.342	ug/l	95
22) Diisopropyl ether	6.012	45	125670	21.304	ug/l	96
23) Vinyl Acetate	5.957	43	366979	105.112	ug/l	99
24) 1,1-Dichloroethane	5.909	63	75732	21.793	ug/l	100
25) 2-Butanone	6.896	43	55057	104.391	ug/l	99
26) 2,2-Dichloropropane	6.878	77	62220	20.264	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	46020	21.074	ug/l	96
28) Bromochloromethane	7.244	49	32419	21.401	ug/l	99
29) Tetrahydrofuran	7.262	42	37081	109.009	ug/l	98
30) Chloroform	7.415	83	76671	22.275	ug/l	95
31) Cyclohexane	7.701	56	69133	19.983	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	67090	21.957	ug/l	100
36) 1,1-Dichloropropene	7.829	75	56134	20.862	ug/l	98
37) Ethyl Acetate	6.982	43	26371	21.977	ug/l	99
38) Carbon Tetrachloride	7.817	117	56635	20.518	ug/l	93
39) Methylcyclohexane	9.103	83	70459	19.486	ug/l	98
40) Benzene	8.079	78	167803	21.115	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022590.D
 Acq On : 06 Jun 2025 10:59
 Operator : SY/MD
 Sample : VY0606SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBSD01

Quant Time: Jun 06 23:40:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15629	22.299	ug/l	92
42) 1,2-Dichloroethane	8.158	62	47551	21.913	ug/l	98
43) Isopropyl Acetate	8.195	43	53906	20.801	ug/l	99
44) Trichloroethene	8.859	130	39000	20.079	ug/l	96
45) 1,2-Dichloropropane	9.140	63	40498	21.562	ug/l	97
46) Dibromomethane	9.225	93	22802	21.579	ug/l	99
47) Bromodichloromethane	9.420	83	57312	21.391	ug/l	97
48) Methyl methacrylate	9.219	41	23568	19.377	ug/l	89
49) 1,4-Dioxane	9.219	88	5638	450.382	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	137603	106.500	ug/l	99
52) Toluene	10.170	92	102330	20.489	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	50824	20.245	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	60653	20.755	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	28771	21.353	ug/l	97
56) Ethyl methacrylate	10.438	69	38457	19.748	ug/l	96
57) 1,3-Dichloropropane	10.713	76	52150	21.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	99501	112.537	ug/l	100
59) 2-Hexanone	10.755	43	88588	102.519	ug/l	99
60) Dibromochloromethane	10.908	129	35189	20.551	ug/l	97
61) 1,2-Dibromoethane	11.011	107	26142	21.287	ug/l	99
64) Tetrachloroethene	10.646	164	38162	18.933	ug/l	99
65) Chlorobenzene	11.438	112	109184	21.057	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.511	131	36483	20.886	ug/l	99
67) Ethyl Benzene	11.517	91	198428	20.632	ug/l	98
68) m/p-Xylenes	11.627	106	146254	40.115	ug/l	100
69) o-Xylene	11.950	106	69188	20.241	ug/l	100
70) Styrene	11.969	104	116137	20.554	ug/l	100
71) Bromoform	12.127	173	19129	20.579	ug/l #	95
73) Isopropylbenzene	12.249	105	179014	19.480	ug/l	99
74) N-amyl acetate	12.066	43	45875	19.785	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33670	22.324	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	42285	33.022	ug/l #	100
77) Bromobenzene	12.529	156	39952	20.602	ug/l	100
78) n-propylbenzene	12.590	91	220988	19.689	ug/l	100
79) 2-Chlorotoluene	12.676	91	118216	19.873	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	144387	20.013	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	10187	19.212	ug/l	99
82) 4-Chlorotoluene	12.773	91	118156	19.254	ug/l	96
83) tert-Butylbenzene	12.993	119	127410	19.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	143620	19.904	ug/l	99
85) sec-Butylbenzene	13.170	105	194833	19.646	ug/l	100
86) p-Isopropyltoluene	13.285	119	159191	19.474	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	79862	20.326	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	78101	20.495	ug/l	98
89) n-Butylbenzene	13.615	91	154050	19.863	ug/l	99
90) Hexachloroethane	13.877	117	32273	20.280	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	69139	20.726	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	4511	20.543	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	38679	21.260	ug/l	95
94) Hexachlorobutadiene	15.017	225	21151	21.063	ug/l	96
95) Naphthalene	15.139	128	72698	20.822	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	33257	21.329	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022590.D
Acq On : 06 Jun 2025 10:59
Operator : SY/MD
Sample : VY0606SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBSD01

Quant Time: Jun 06 23:40:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

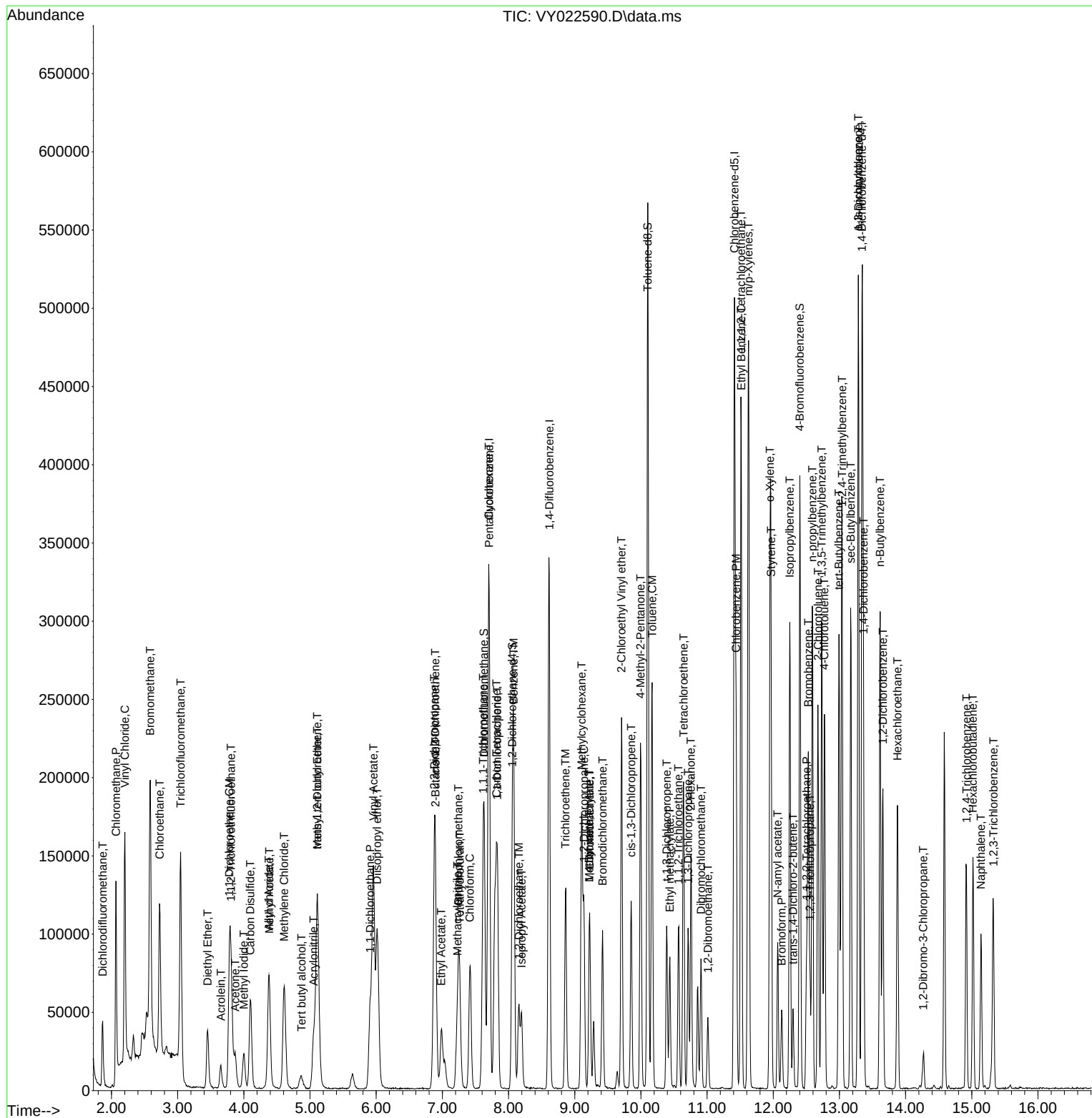
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

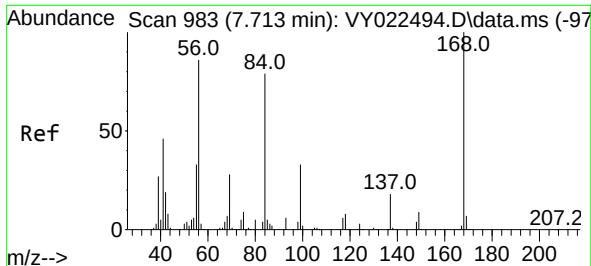
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022590.D
 Acq On : 06 Jun 2025 10:59
 Operator : SY/MD
 Sample : VY0606SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBSD01

Quant Time: Jun 06 23:40:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

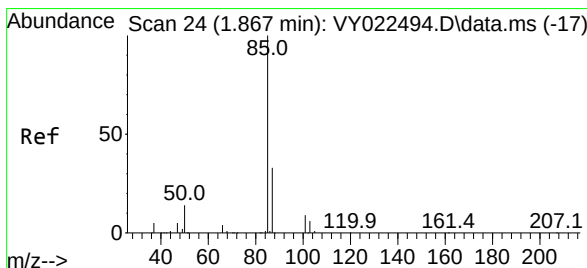
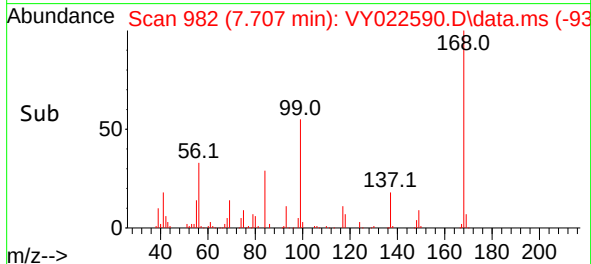
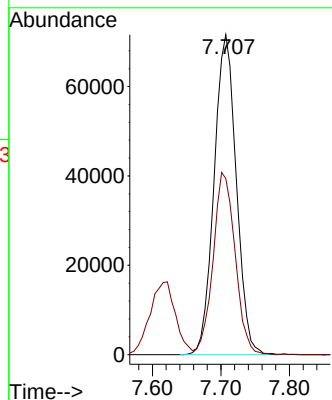
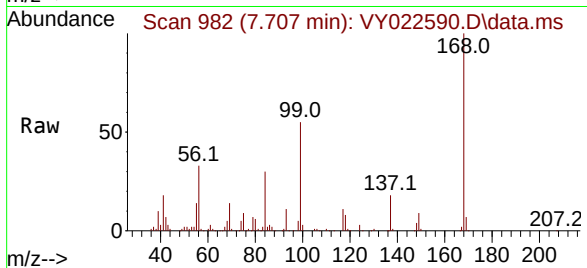




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

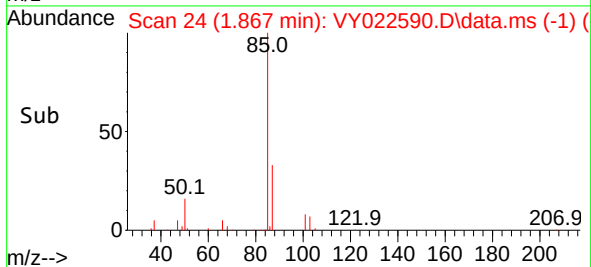
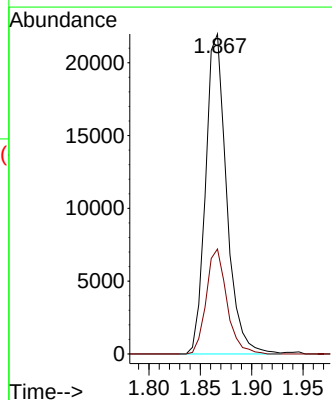
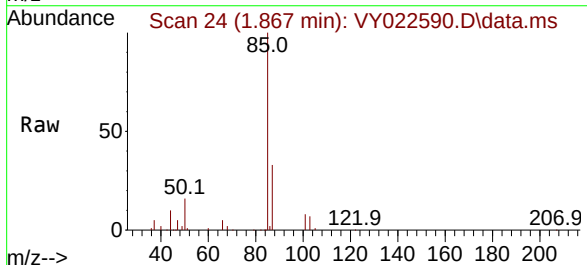
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

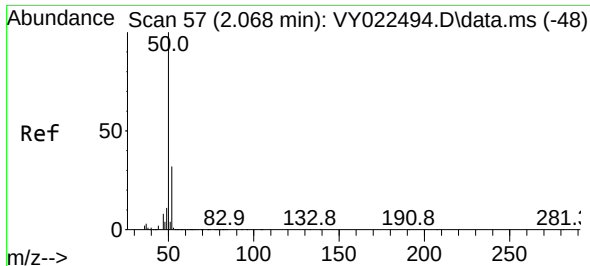
Tgt Ion:168 Resp: 160974
Ion Ratio Lower Upper
168 100
99 54.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.711 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 85 Resp: 31290
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0

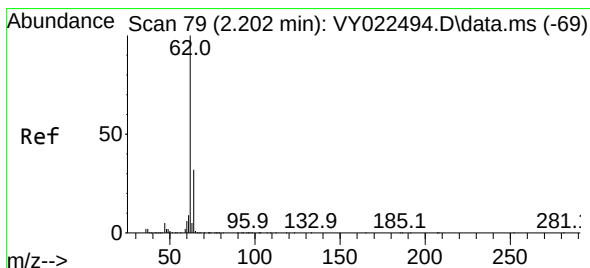
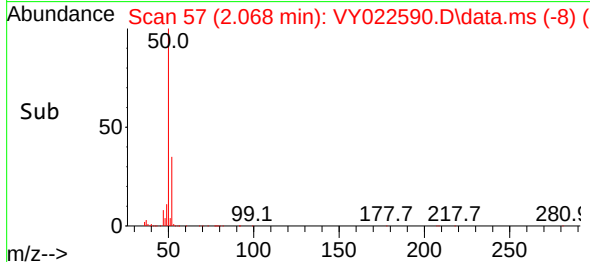
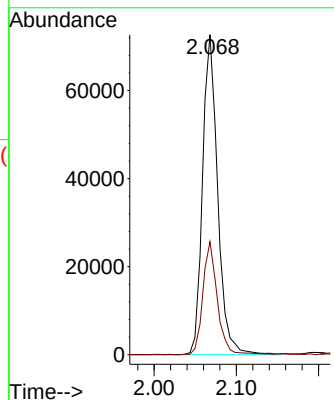
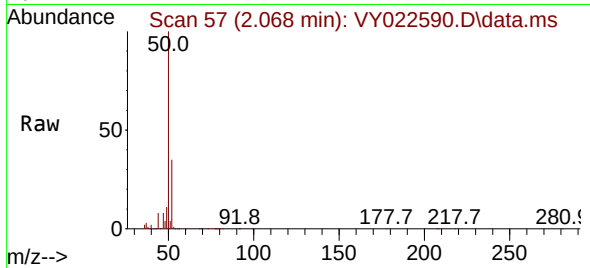




#3
Chloromethane
Concen: 21.812 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

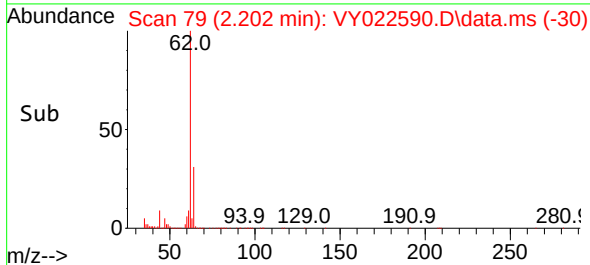
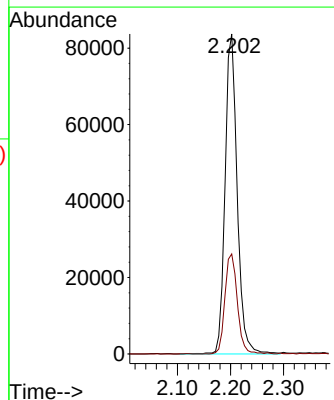
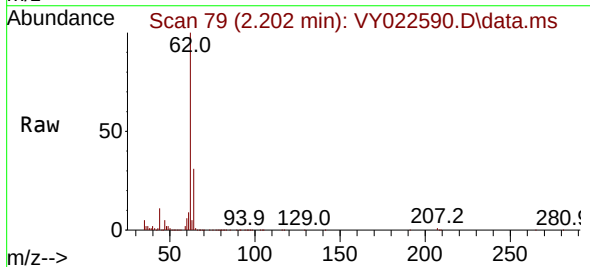
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

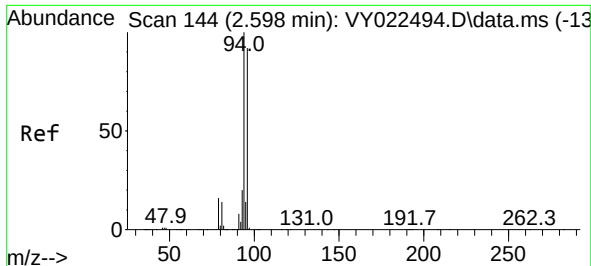
Tgt Ion: 50 Resp: 92867
Ion Ratio Lower Upper
50 100
52 35.3 26.0 39.0



#4
Vinyl Chloride
Concen: 26.819 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 62 Resp: 132466
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9

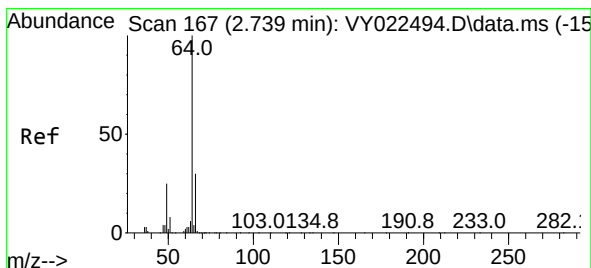
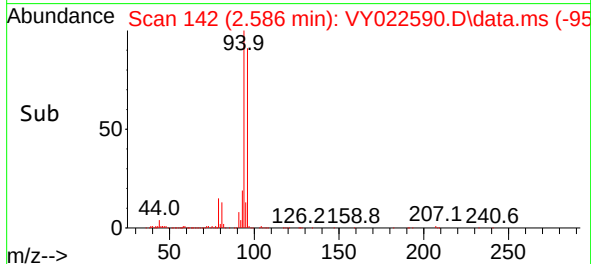
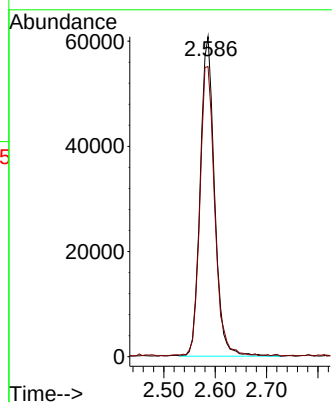
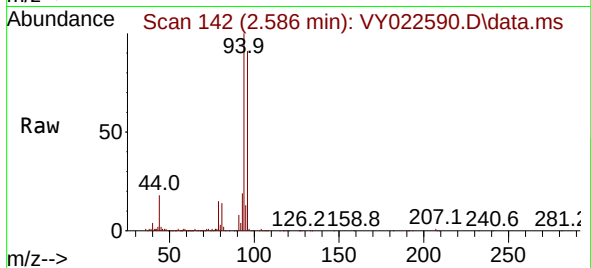




#5
Bromomethane
Concen: 24.824 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

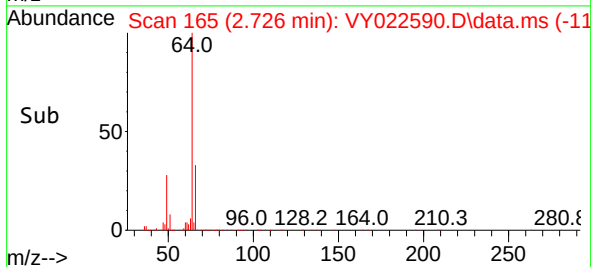
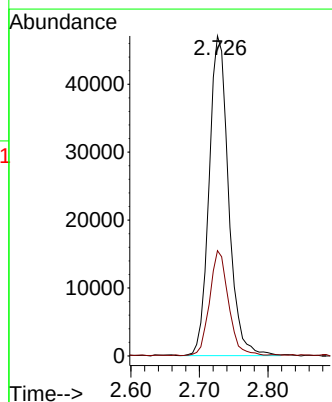
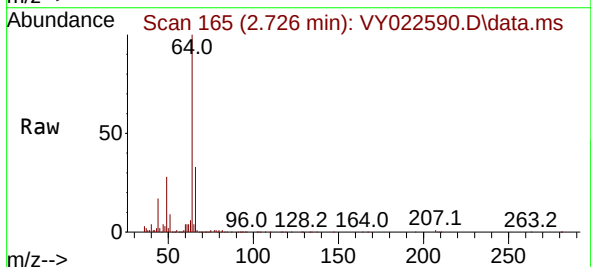
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBSD01

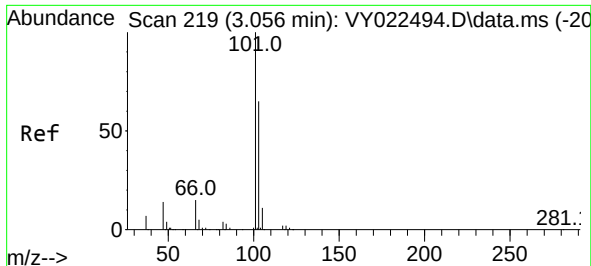
Tgt Ion: 94 Resp: 117517
Ion Ratio Lower Upper
94 100
96 90.5 74.0 111.0



#6
Chloroethane
Concen: 27.399 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 64 Resp: 92886
Ion Ratio Lower Upper
64 100
66 32.8 23.8 35.6

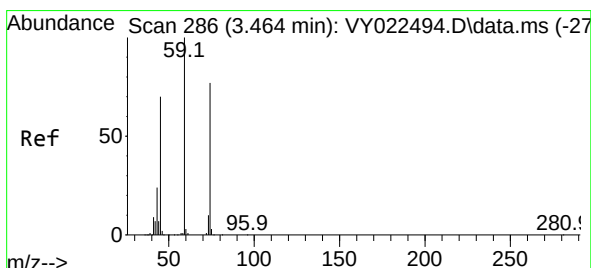
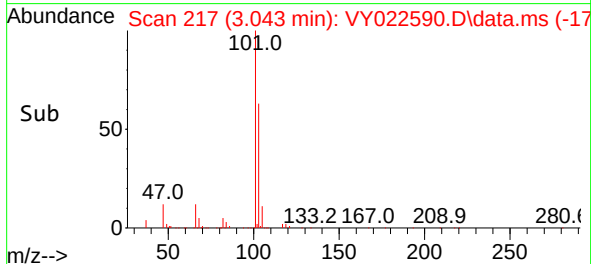
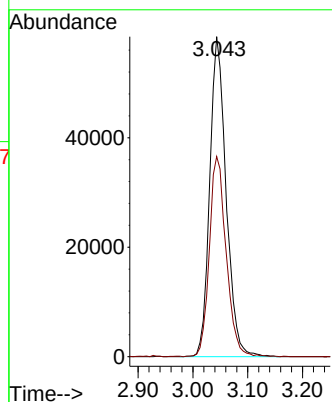
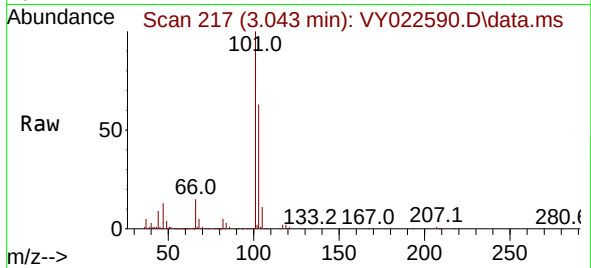




#7
Trichlorofluoromethane
Concen: 28.825 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

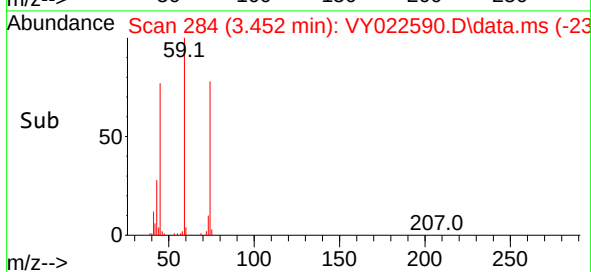
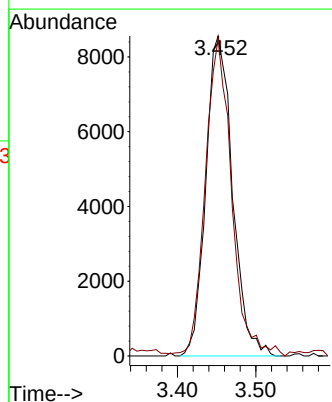
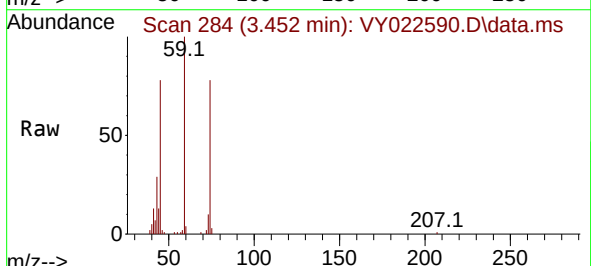
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

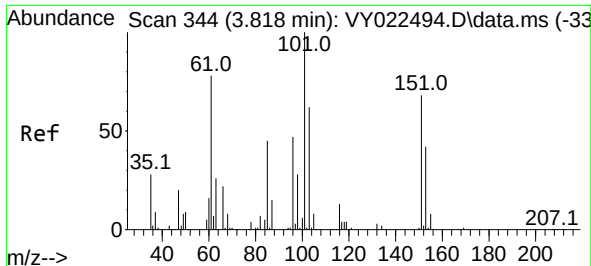
Tgt Ion:101 Resp: 120864
Ion Ratio Lower Upper
101 100
103 62.5 52.2 78.2



#8
Diethyl Ether
Concen: 21.482 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 74 Resp: 20285
Ion Ratio Lower Upper
74 100
45 97.8 45.9 137.6

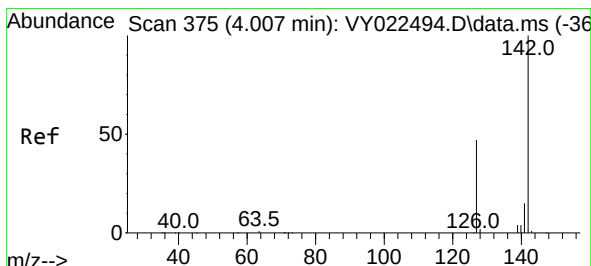
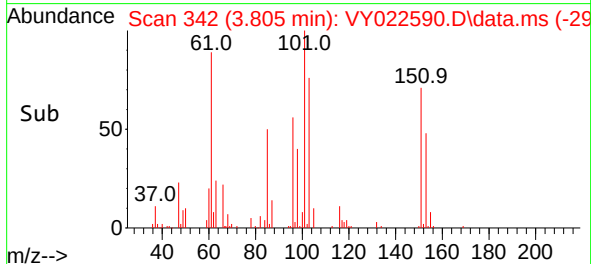
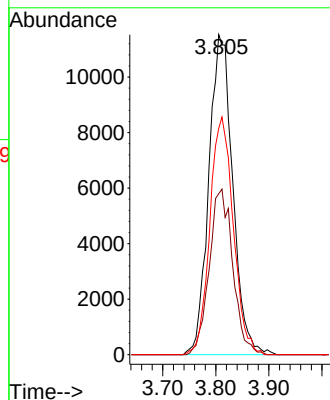
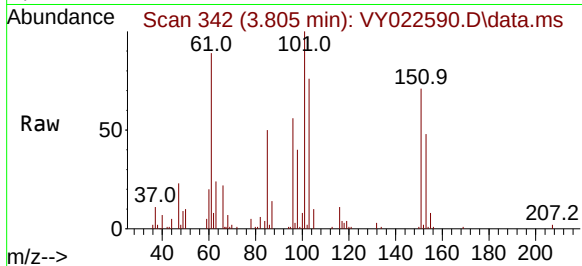




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.424 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

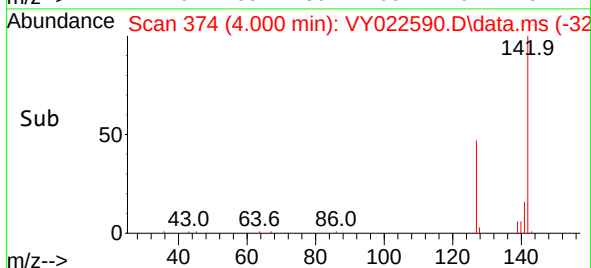
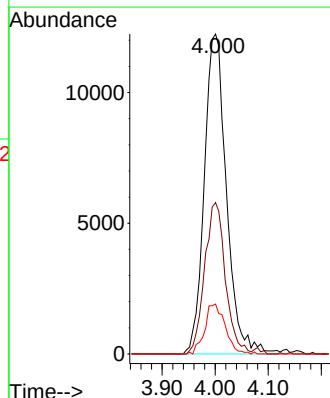
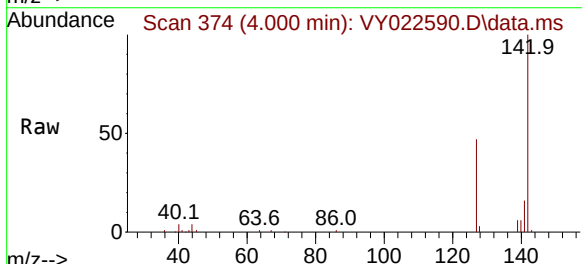
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBSD01

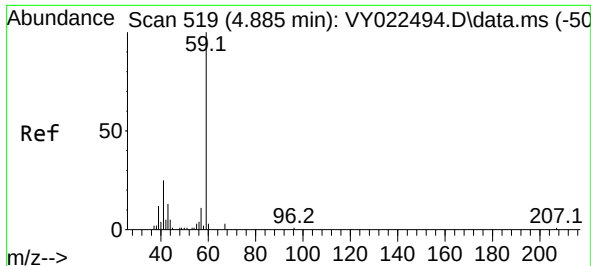
Tgt Ion:101 Resp: 36068
Ion Ratio Lower Upper
101 100
85 51.0 39.3 58.9
151 73.0 57.8 86.8



#10
Methyl Iodide
Concen: 18.614 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:142 Resp: 35573
Ion Ratio Lower Upper
142 100
127 44.2 37.1 55.7
141 14.3 11.4 17.2

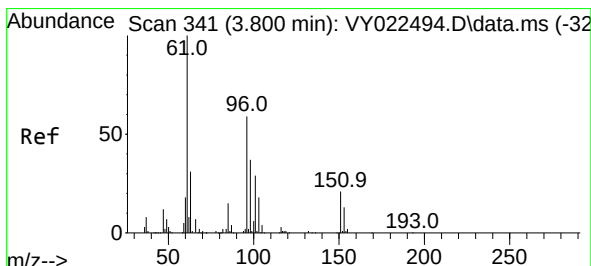
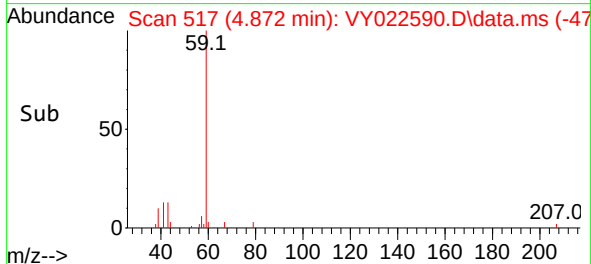
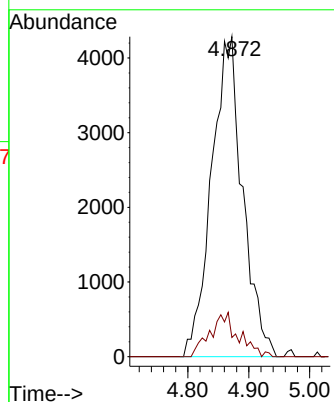
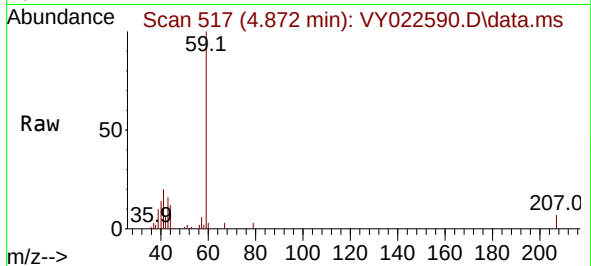




#11
Tert butyl alcohol
Concen: 118.212 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

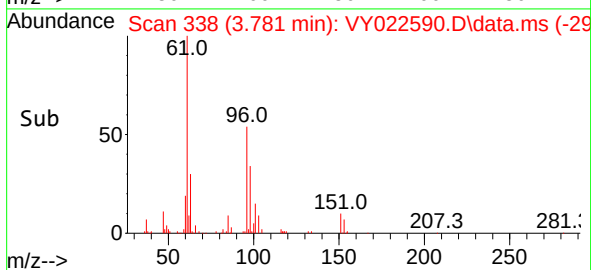
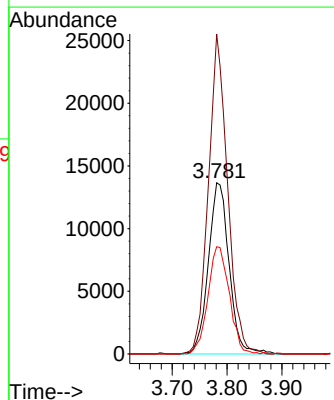
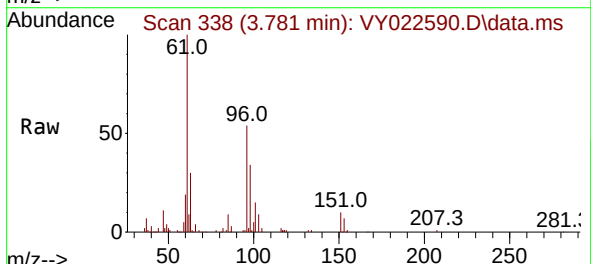
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

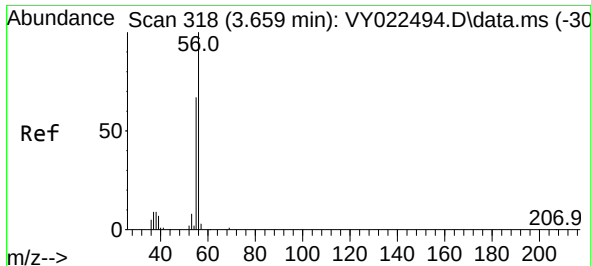
Tgt Ion: 59 Resp: 15201
Ion Ratio Lower Upper
59 100
57 12.5 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.212 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 96 Resp: 35808
Ion Ratio Lower Upper
96 100
61 186.9 134.6 201.8
98 62.6 50.2 75.4

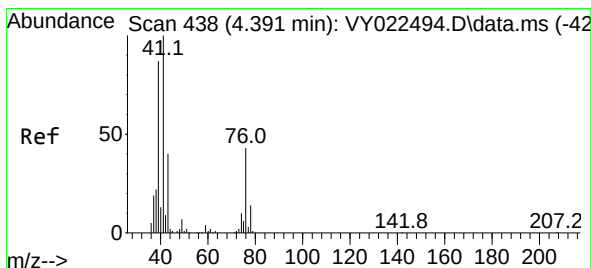
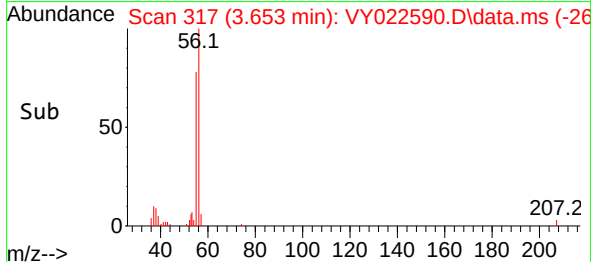
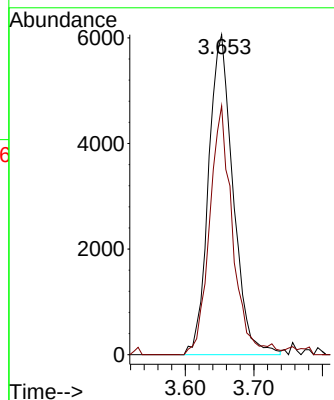
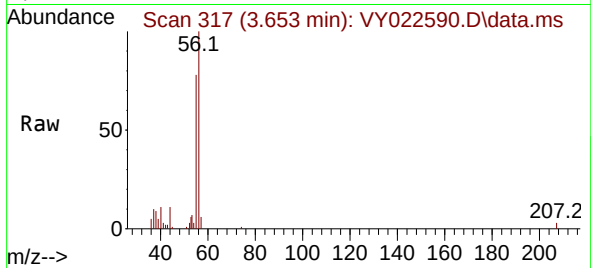




#13
Acrolein
Concen: 94.099 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

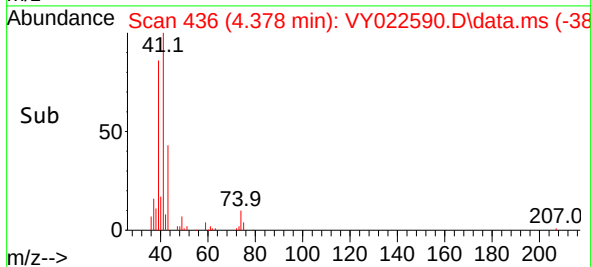
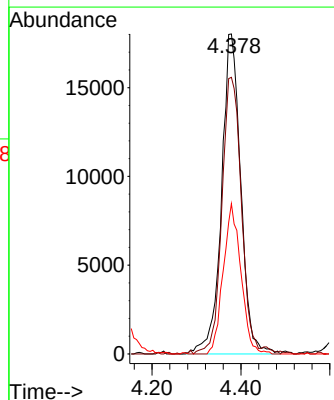
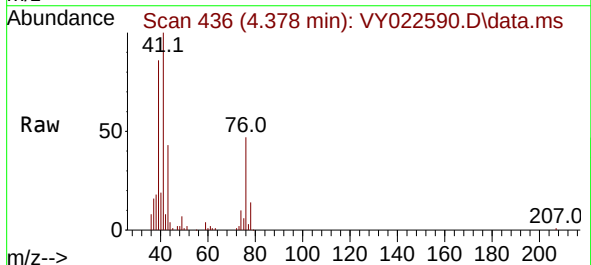
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

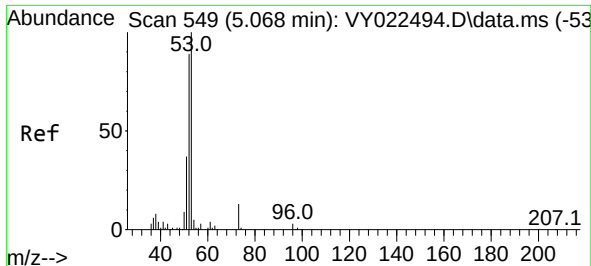
Tgt Ion: 56 Resp: 15080
Ion Ratio Lower Upper
56 100
55 73.1 57.0 85.6



#14
Allyl chloride
Concen: 20.410 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 41 Resp: 54088
Ion Ratio Lower Upper
41 100
39 87.1 69.1 103.7
76 43.1 33.5 50.3

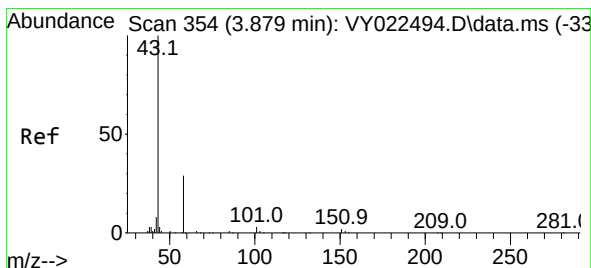
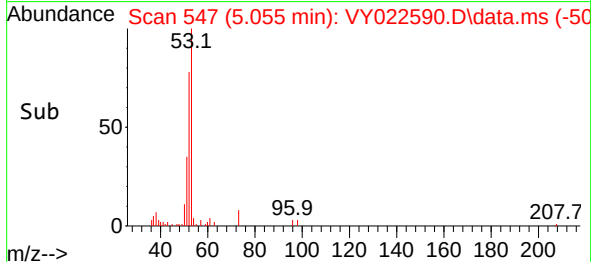
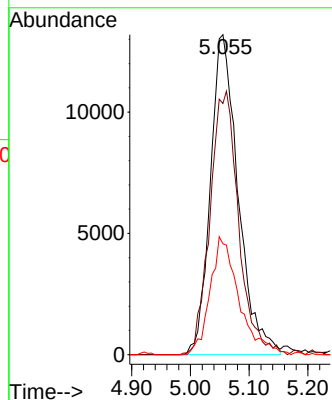
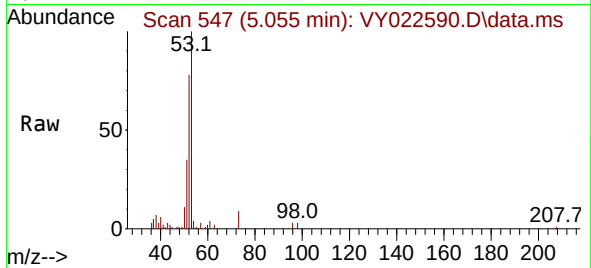




#15
Acrylonitrile
Concen: 108.414 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

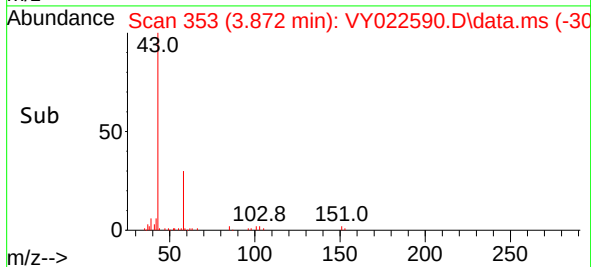
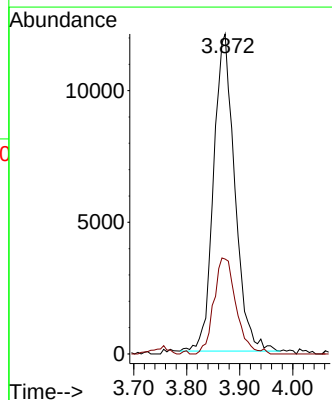
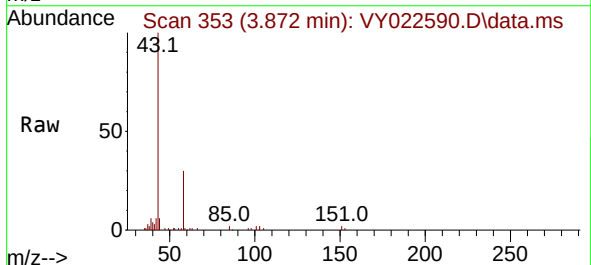
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

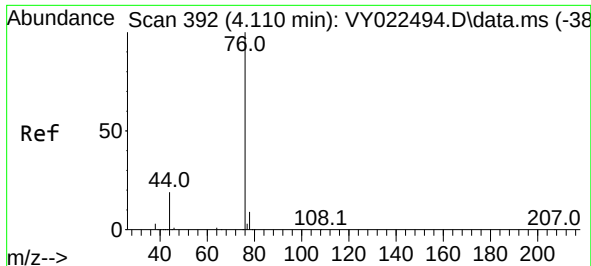
Tgt Ion: 53 Resp: 43357
Ion Ratio Lower Upper
53 100
52 84.5 65.7 98.5
51 38.3 30.1 45.1



#16
Acetone
Concen: 91.463 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 43 Resp: 33442
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0

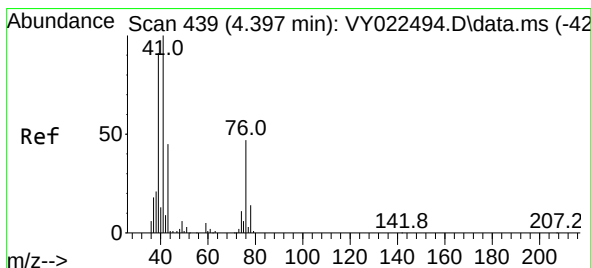
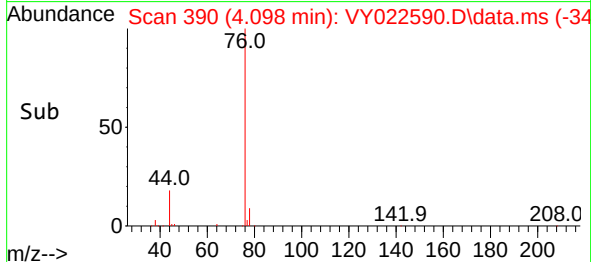
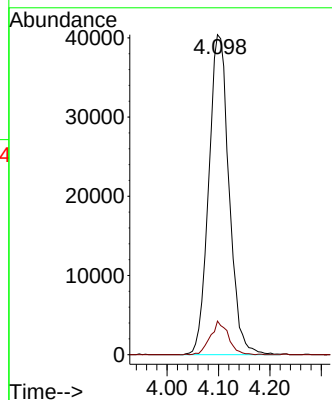
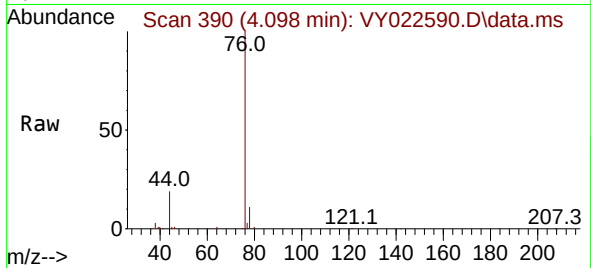




#17
Carbon Disulfide
Concen: 20.518 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

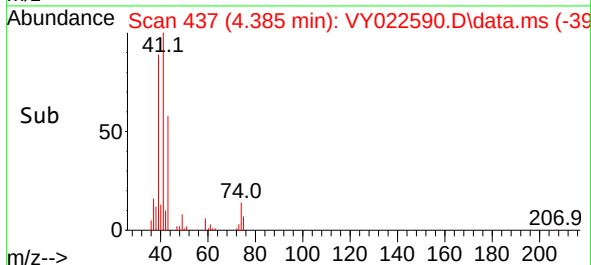
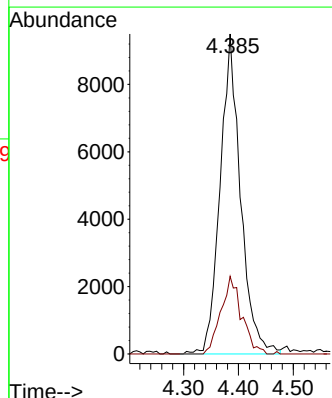
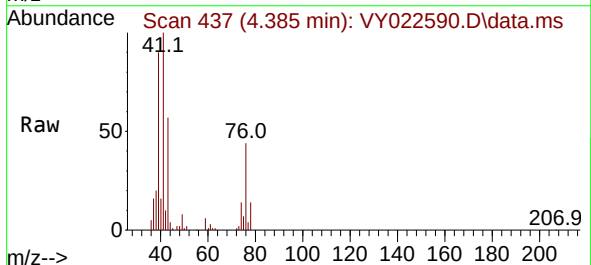
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

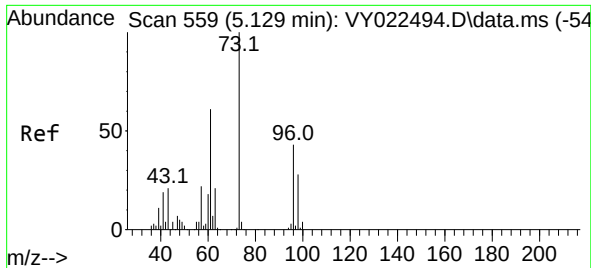
Tgt Ion: 76 Resp: 110888
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.2



#18
Methyl Acetate
Concen: 22.702 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 43 Resp: 24581
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6

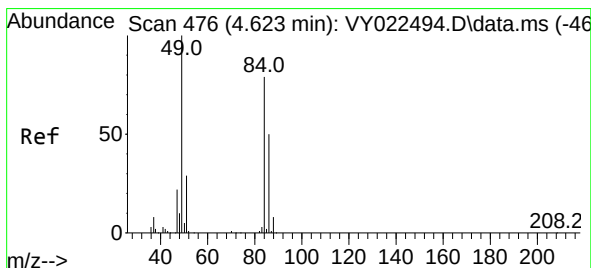
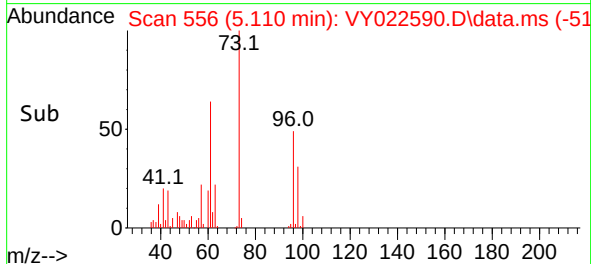
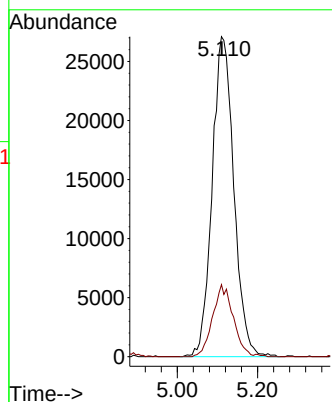
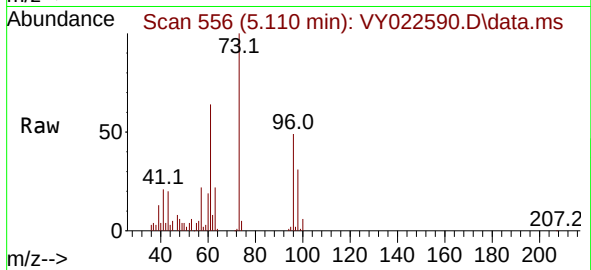




#19
Methyl tert-butyl Ether
Concen: 21.367 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

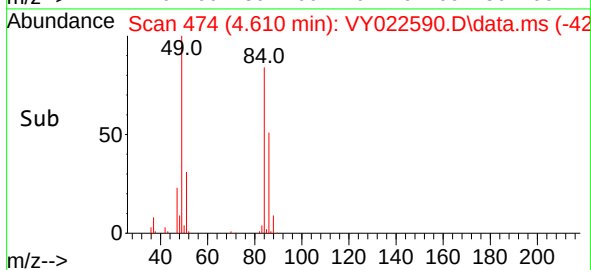
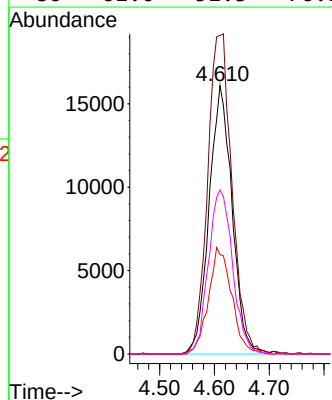
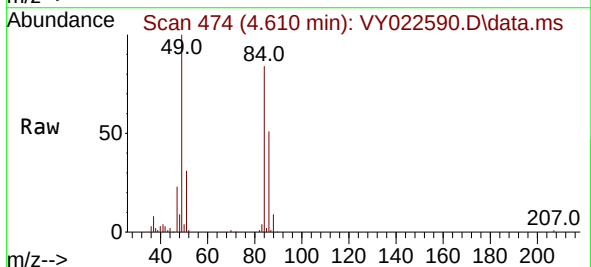
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

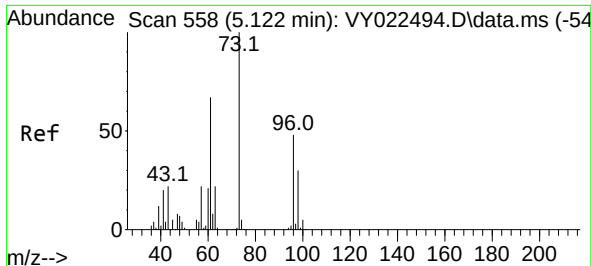
Tgt Ion: 73 Resp: 101594
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 22.577 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 84 Resp: 46892
Ion Ratio Lower Upper
84 100
49 118.7 101.9 152.9
51 37.0 29.8 44.8
86 61.0 51.3 76.9

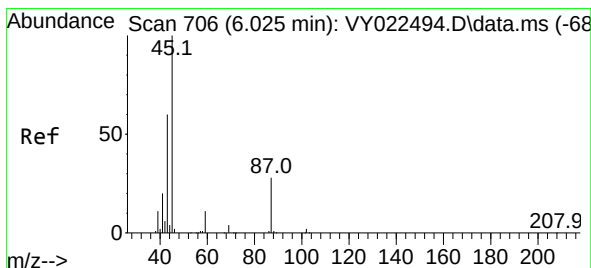
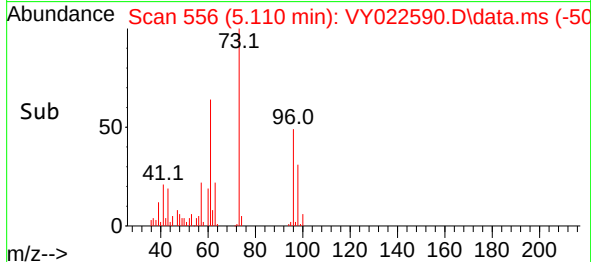
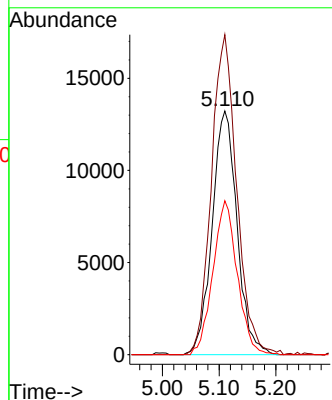
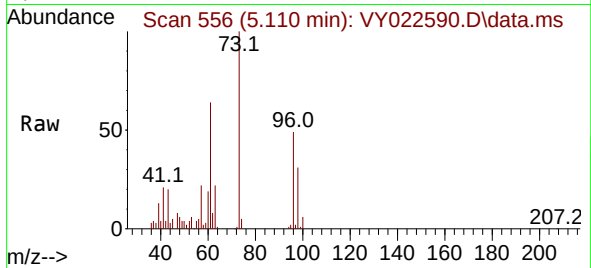




#21
trans-1,2-Dichloroethene
Concen: 21.342 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

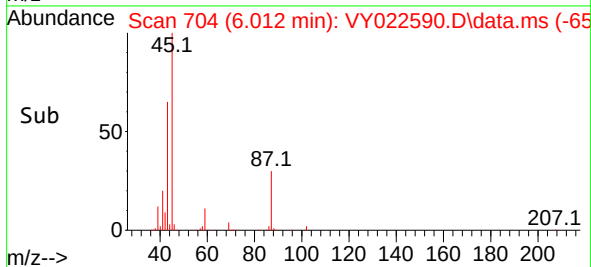
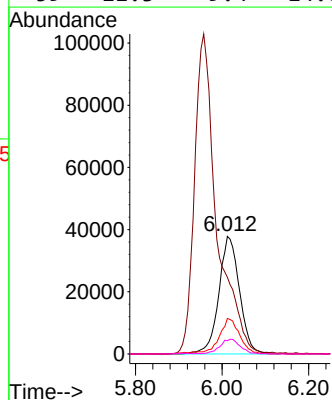
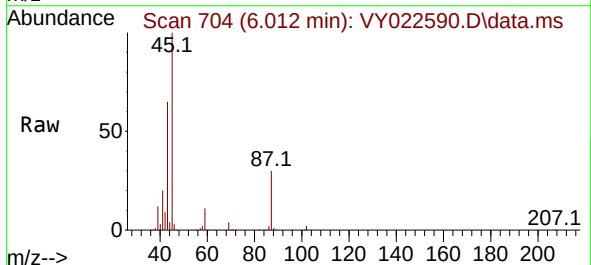
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

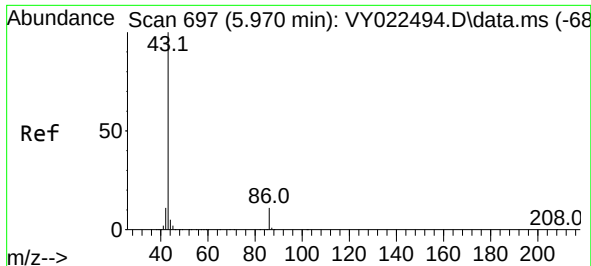
Tgt Ion: 96 Resp: 40322
Ion Ratio Lower Upper
96 100
61 131.3 112.6 169.0
98 63.2 50.6 75.8



#22
Diisopropyl ether
Concen: 21.304 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 45 Resp: 125670
Ion Ratio Lower Upper
45 100
43 64.3 48.3 72.5
87 30.0 23.0 34.6
59 11.3 9.4 14.0

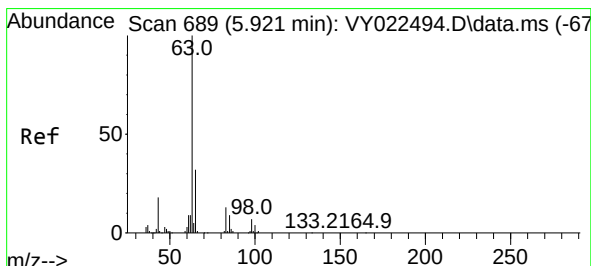
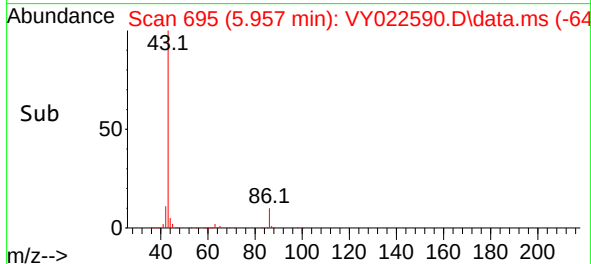
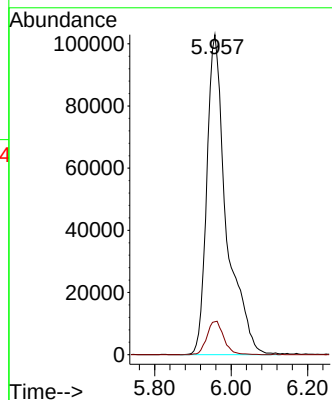
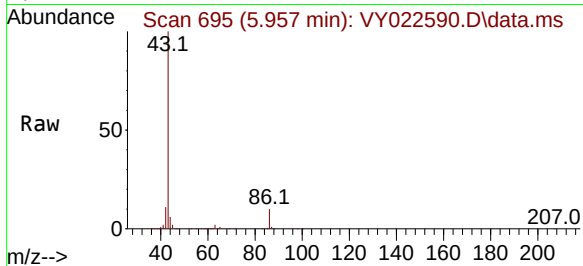




#23
 Vinyl Acetate
 Concen: 105.112 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY022590.D
 Acq: 06 Jun 2025 10:59

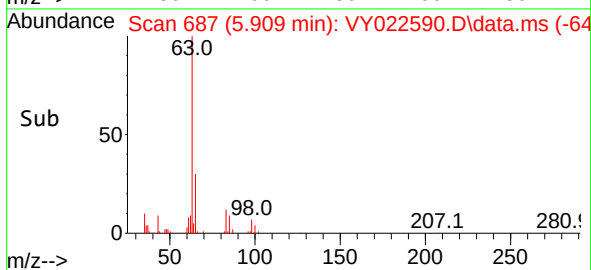
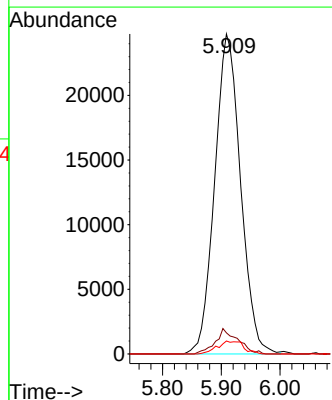
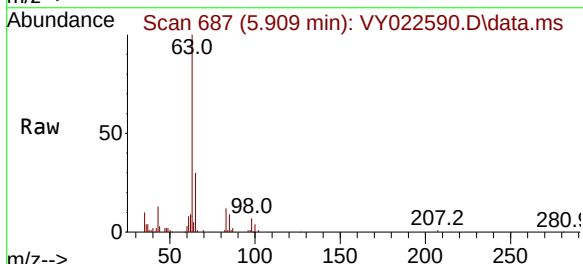
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

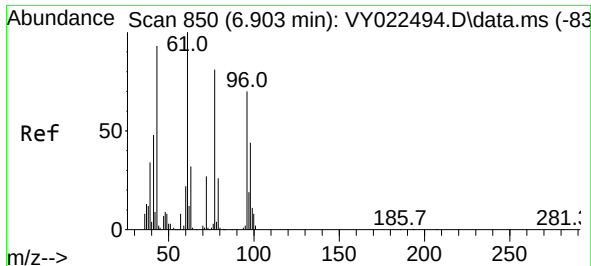
Tgt Ion: 43 Resp: 366979
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.793 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022590.D
 Acq: 06 Jun 2025 10:59

Tgt Ion: 63 Resp: 75732
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.0 2.1 6.3

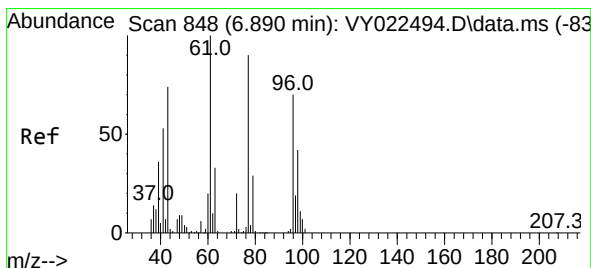
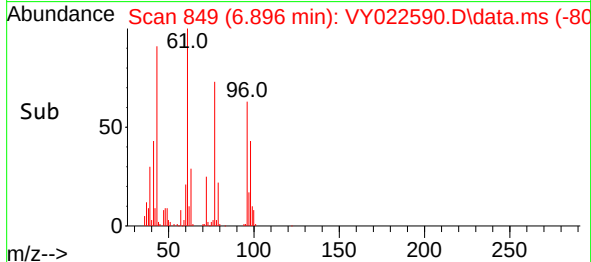
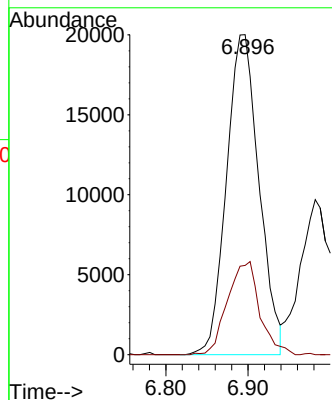
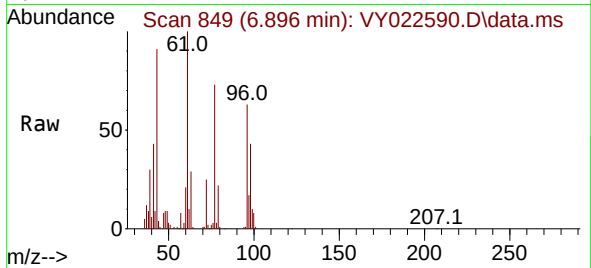




#25
2-Butanone
Concen: 104.391 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

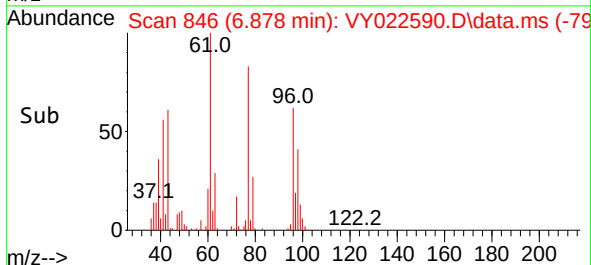
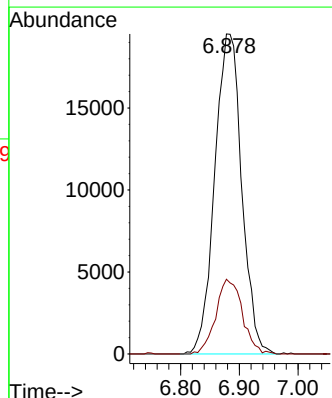
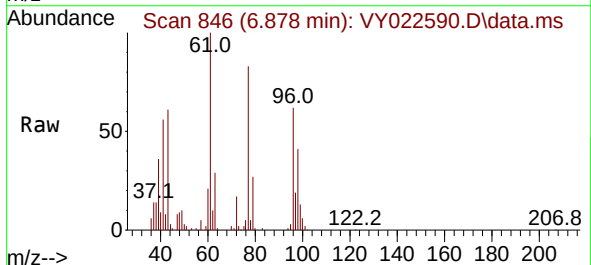
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBSD01

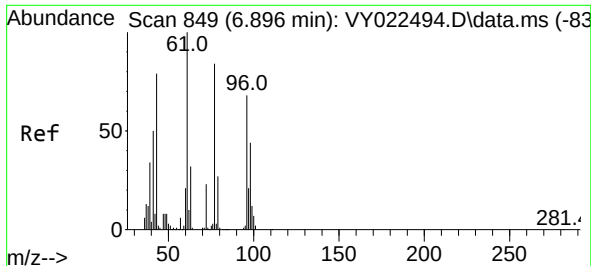
Tgt Ion: 43 Resp: 55057
Ion Ratio Lower Upper
43 100
72 27.9 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.264 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 77 Resp: 62220
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.074 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBSD01

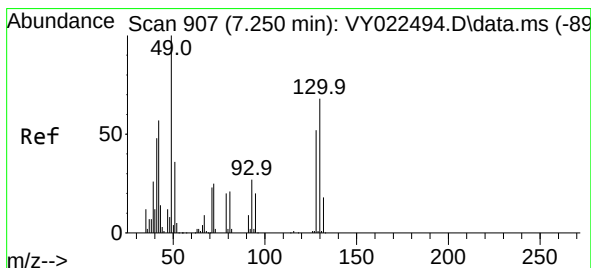
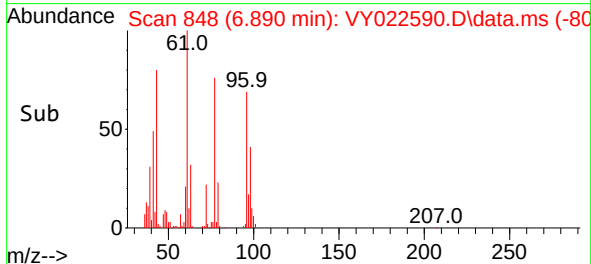
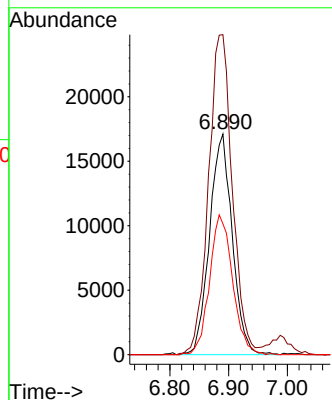
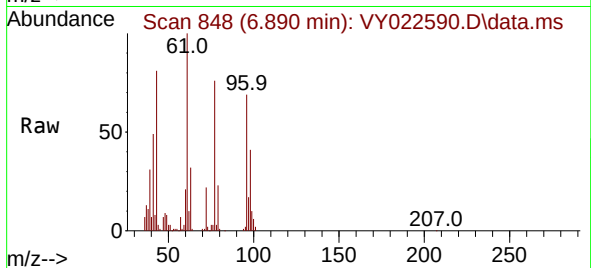
Tgt Ion: 96 Resp: 46020

Ion Ratio Lower Upper

96 100

61 151.8 0.0 290.0

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 21.401 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

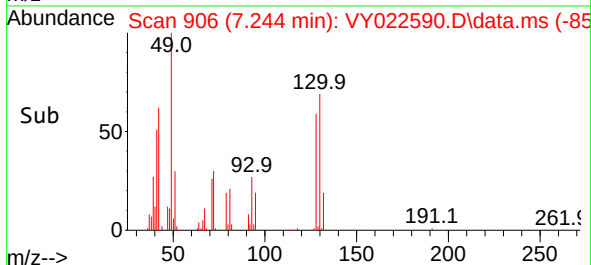
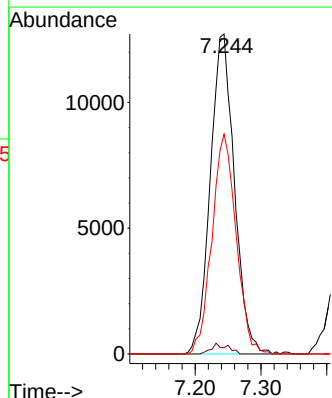
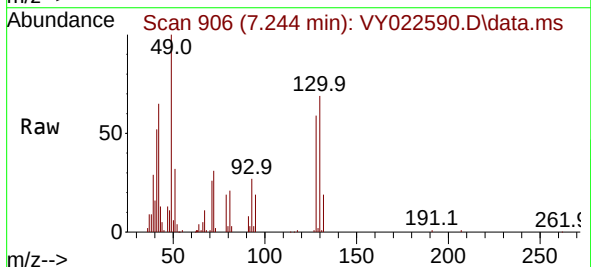
Tgt Ion: 49 Resp: 32419

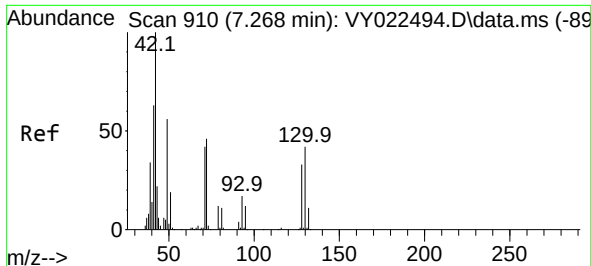
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 68.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 109.009 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

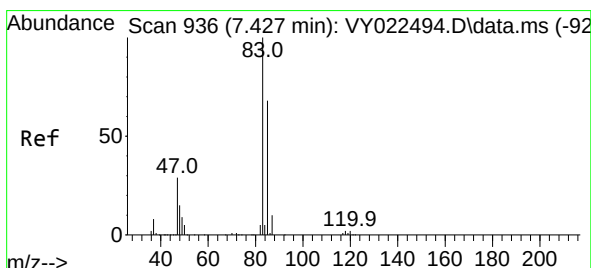
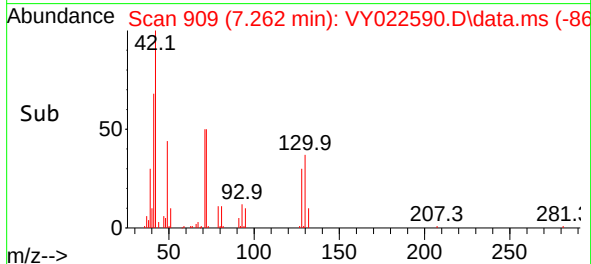
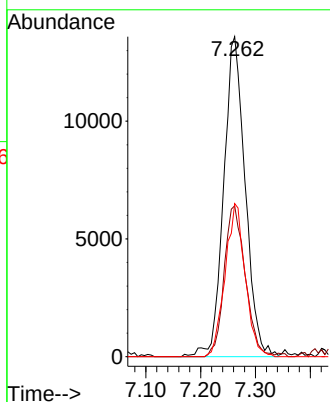
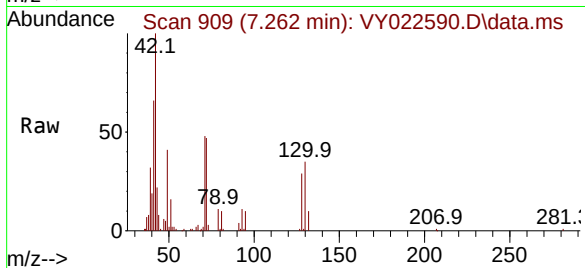
Tgt Ion: 42 Resp: 37081

Ion Ratio Lower Upper

42 100

72 46.1 37.4 56.2

71 44.6 34.2 51.2



#30

Chloroform

Concen: 22.275 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022590.D

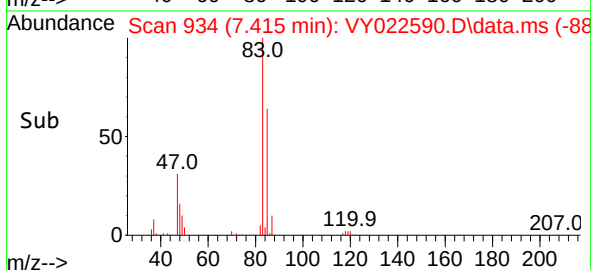
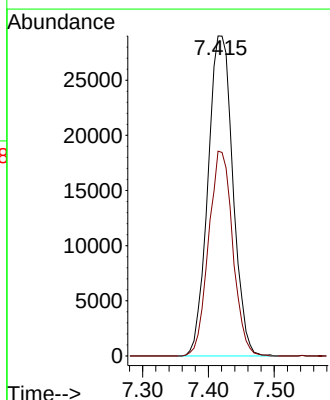
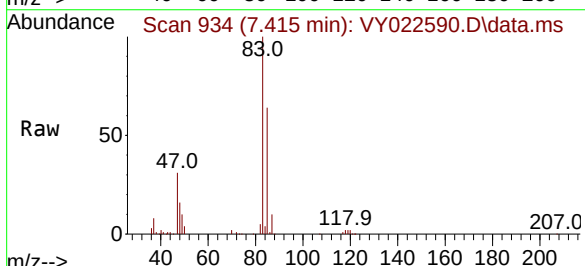
Acq: 06 Jun 2025 10:59

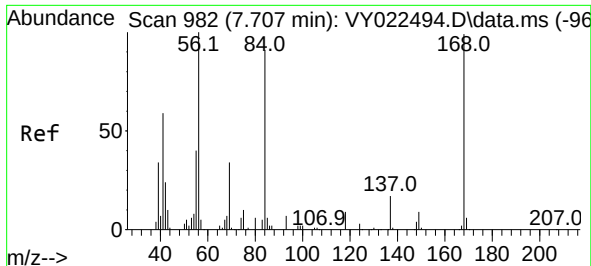
Tgt Ion: 83 Resp: 76671

Ion Ratio Lower Upper

83 100

85 64.0 54.2 81.4

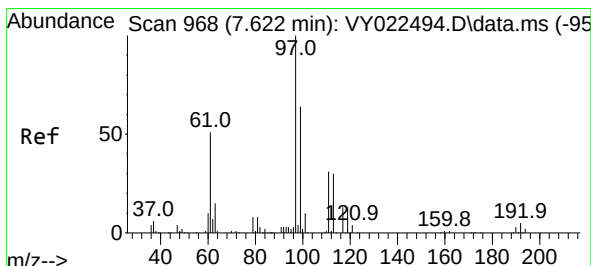
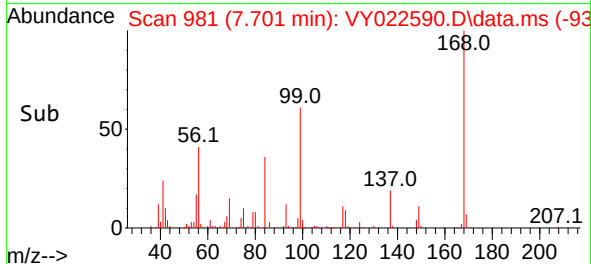
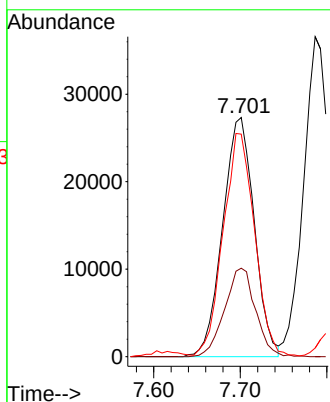
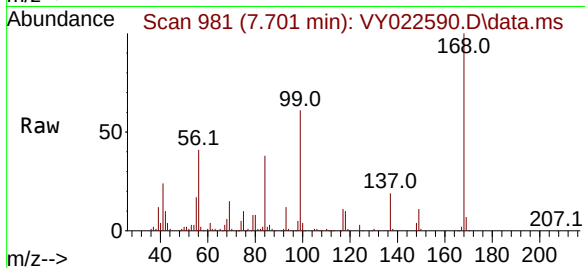




#31
Cyclohexane
Concen: 19.983 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

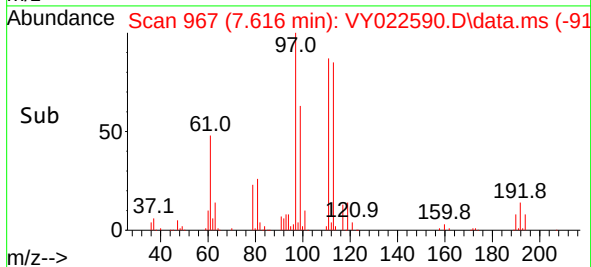
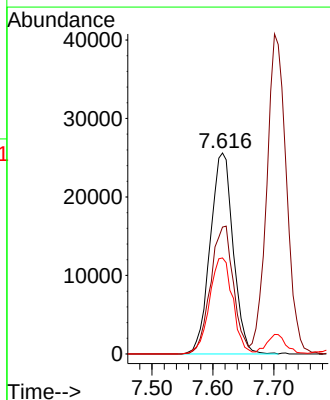
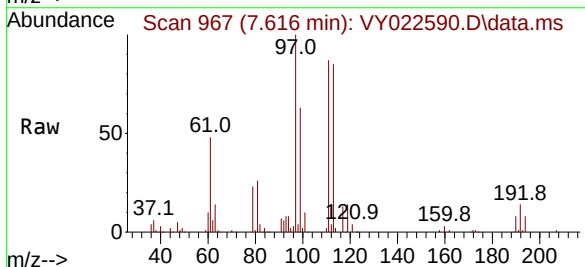
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

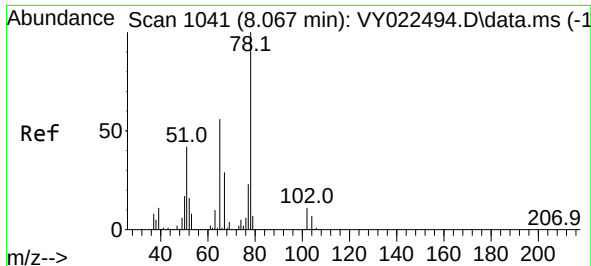
Tgt Ion: 56 Resp: 69133
Ion Ratio Lower Upper
56 100
69 37.0 27.0 40.6
84 91.5 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.957 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 97 Resp: 67090
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 48.3 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 52.563 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.012 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

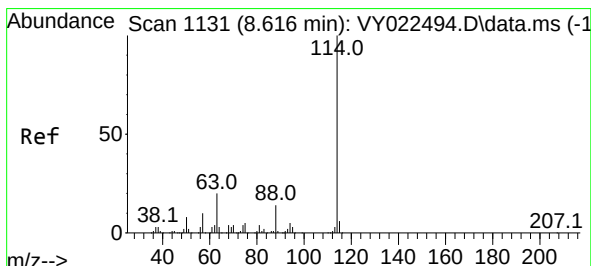
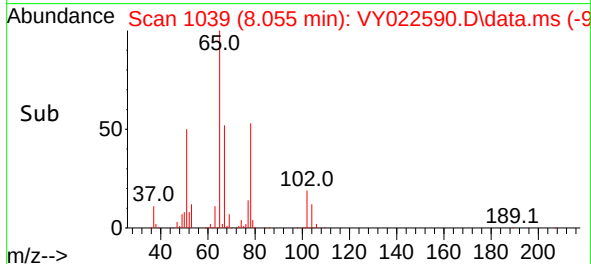
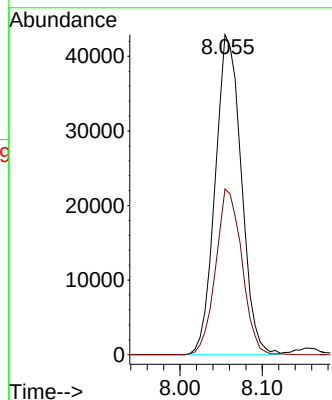
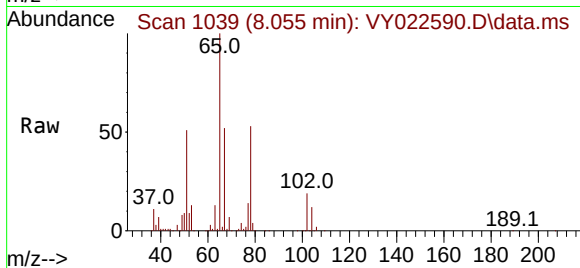
VY0606SBS01

Tgt Ion: 65 Resp: 94634

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

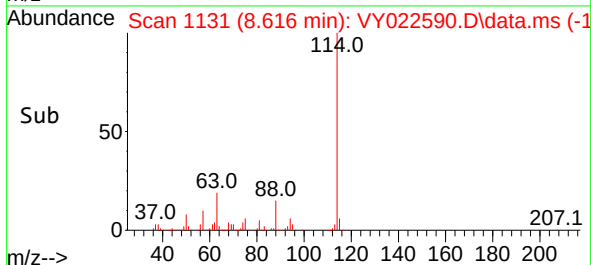
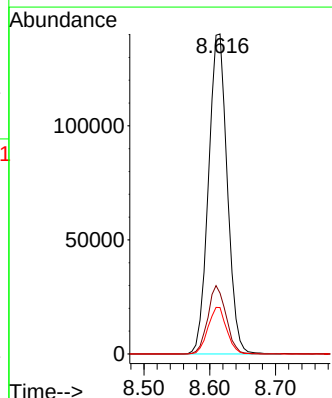
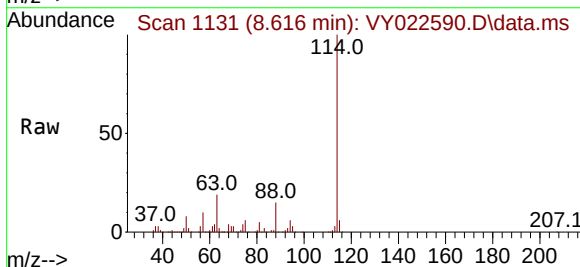
Tgt Ion: 114 Resp: 277756

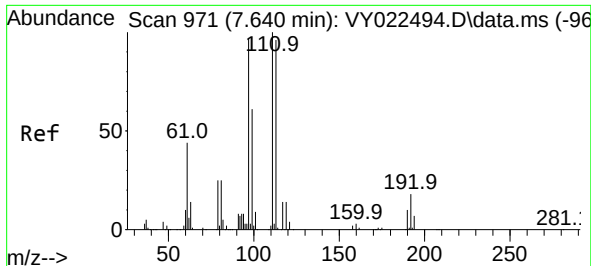
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

88 14.5 0.0 27.8





#35

Dibromofluoromethane

Concen: 51.403 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

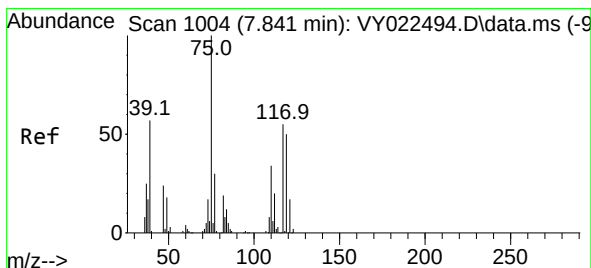
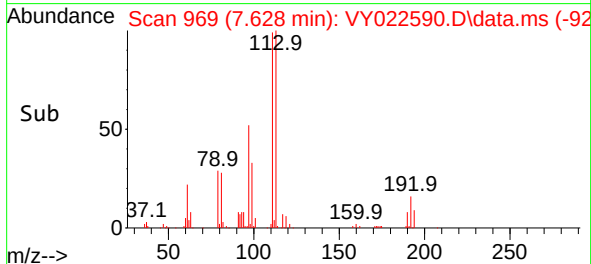
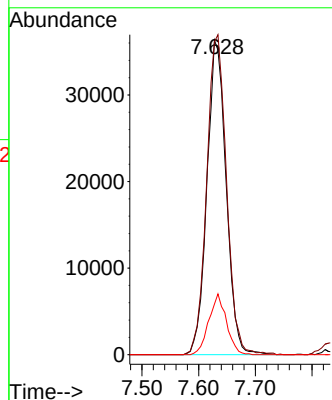
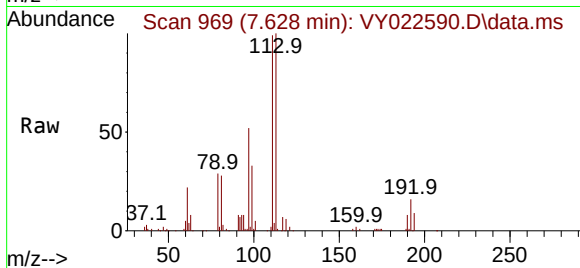
Tgt Ion:113 Resp: 85219

Ion Ratio Lower Upper

113 100

111 105.4 81.1 121.7

192 17.8 14.2 21.2



#36

1,1-Dichloropropene

Concen: 20.862 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.012 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

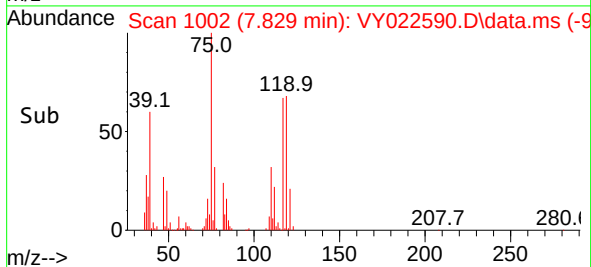
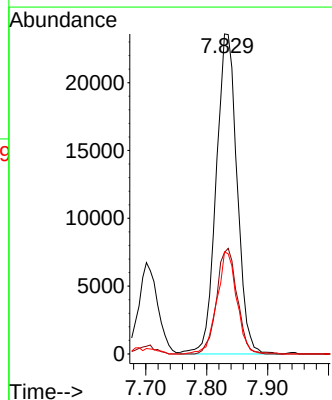
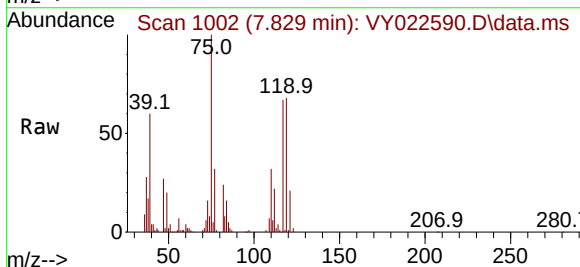
Tgt Ion: 75 Resp: 56134

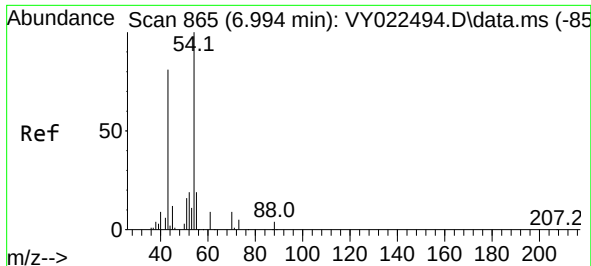
Ion Ratio Lower Upper

75 100

110 32.3 16.9 50.7

77 30.6 24.8 37.2

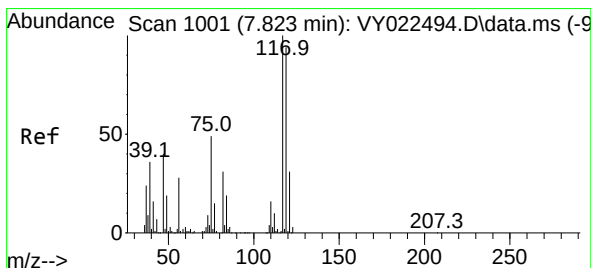
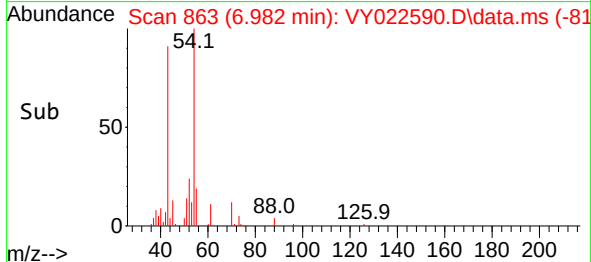
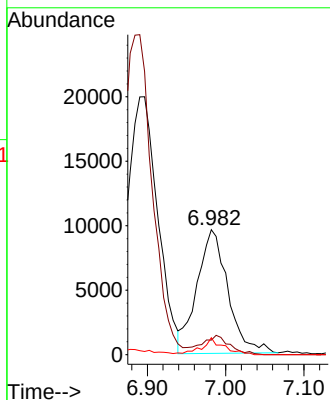
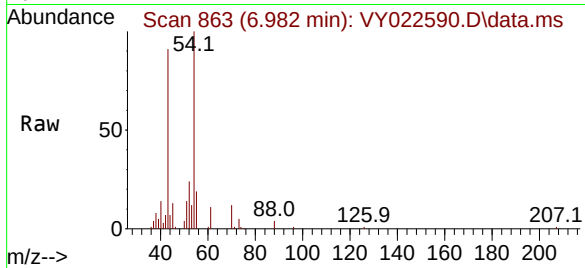




#37
Ethyl Acetate
Concen: 21.977 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

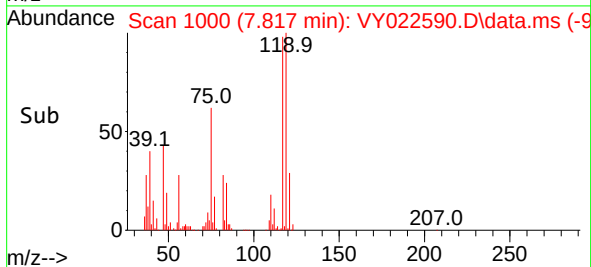
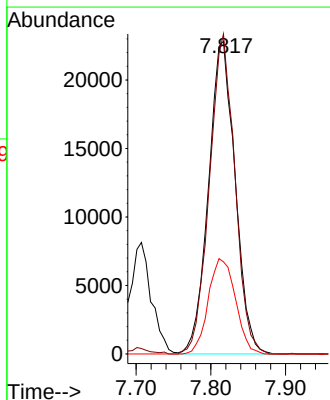
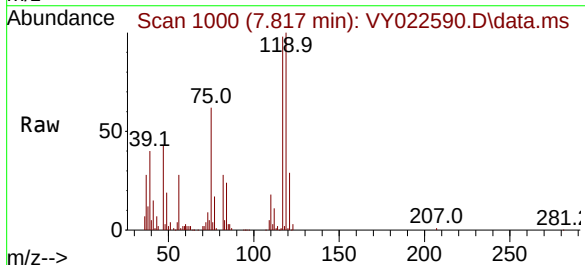
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

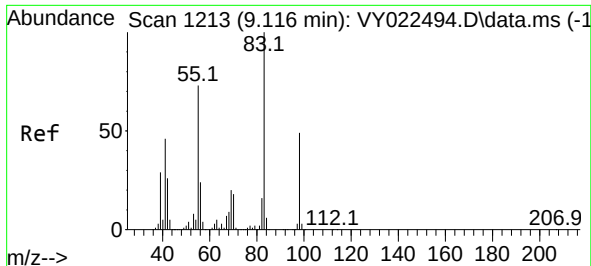
Tgt Ion: 43 Resp: 26371
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 9.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.518 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 117 Resp: 56635
Ion Ratio Lower Upper
117 100
119 102.3 75.0 112.6
121 29.5 25.0 37.4





#39

Methylcyclohexane

Concen: 19.486 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

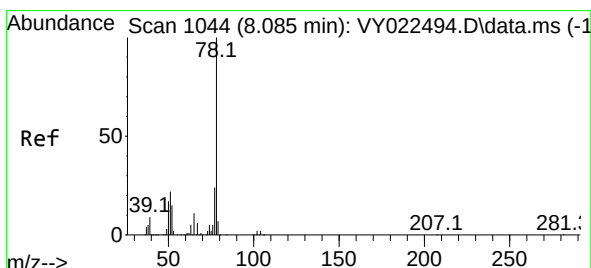
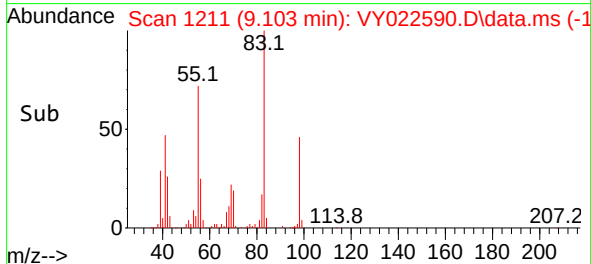
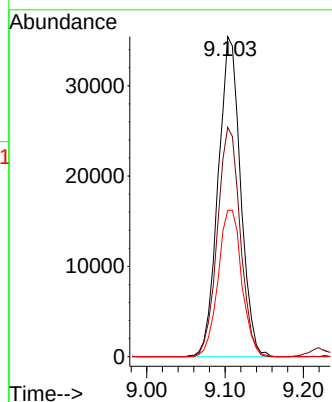
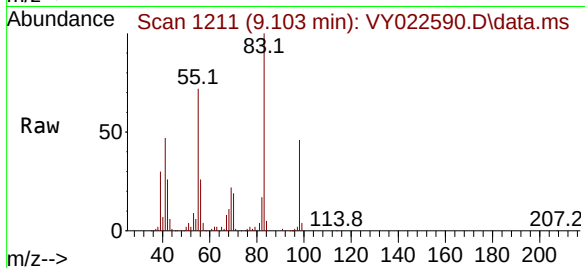
Tgt Ion: 83 Resp: 70459

Ion Ratio Lower Upper

83 100

55 71.7 58.1 87.1

98 45.7 39.0 58.6



#40

Benzene

Concen: 21.115 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022590.D

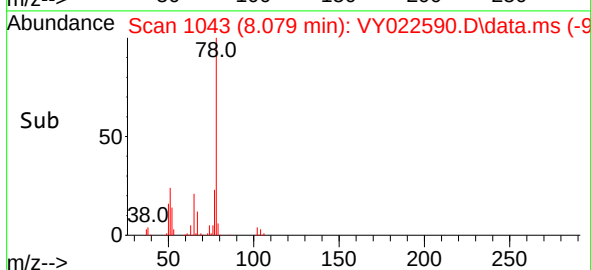
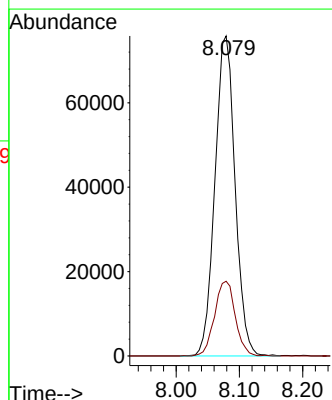
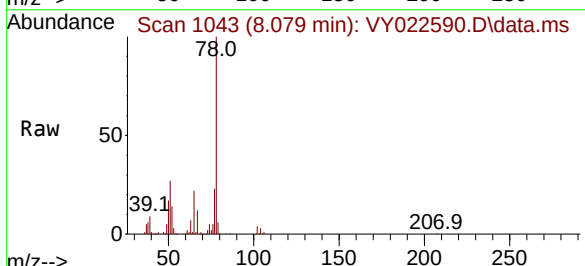
Acq: 06 Jun 2025 10:59

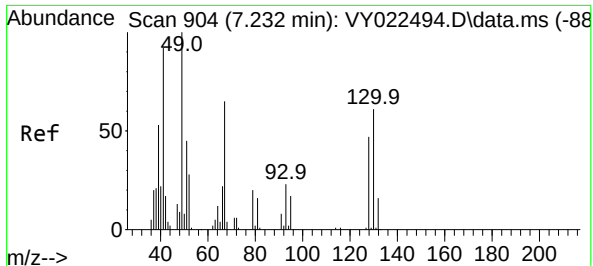
Tgt Ion: 78 Resp: 167803

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

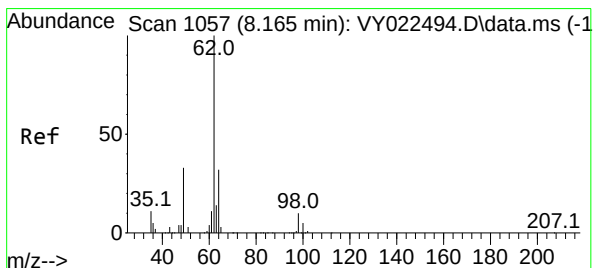
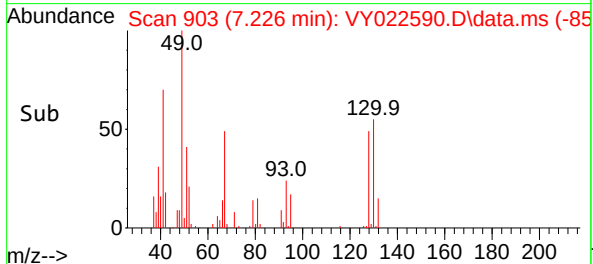
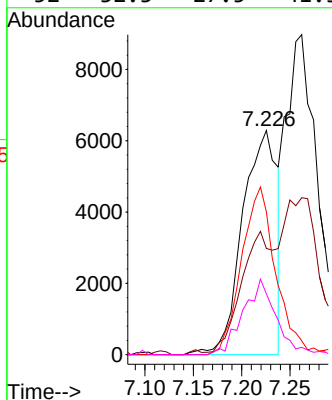
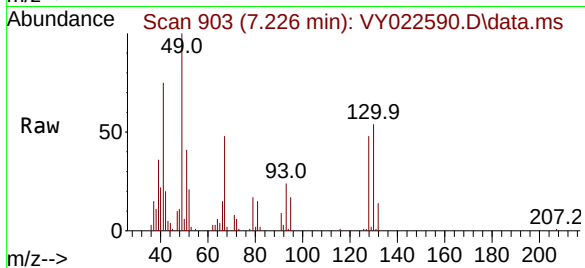




#41
Methacrylonitrile
Concen: 22.299 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

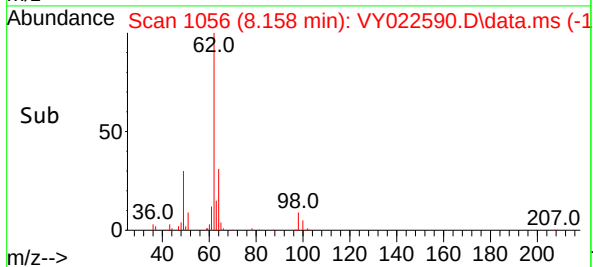
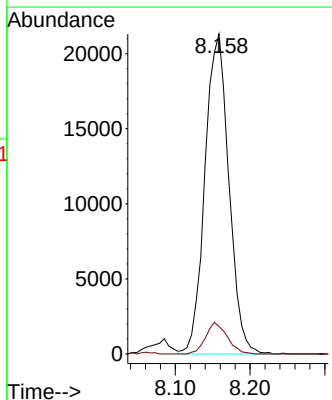
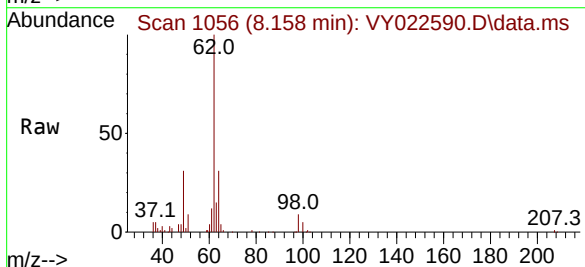
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

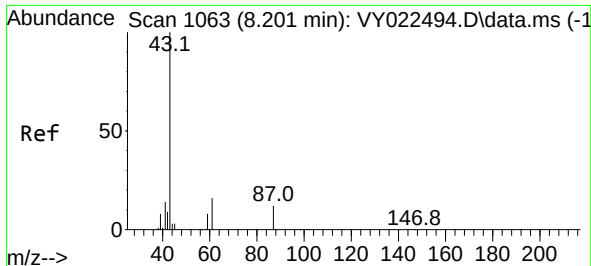
Tgt Ion:	41	Resp:	15629
Ion	Ratio	Lower	Upper
41	100		
39	47.2	46.6	69.8
67	74.0	63.3	94.9
52	32.3	27.5	41.3



#42
1,2-Dichloroethane
Concen: 21.913 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:	62	Resp:	47551
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2

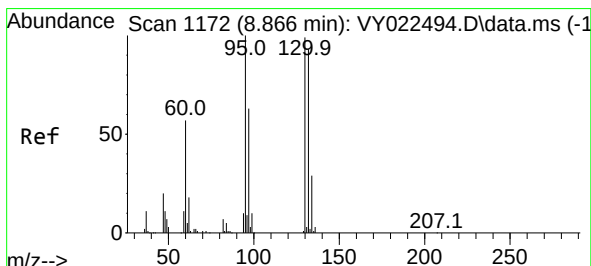
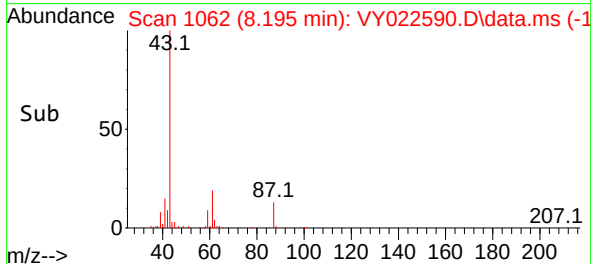
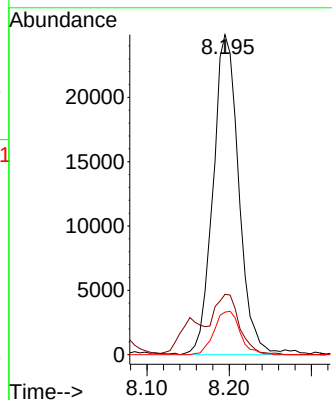
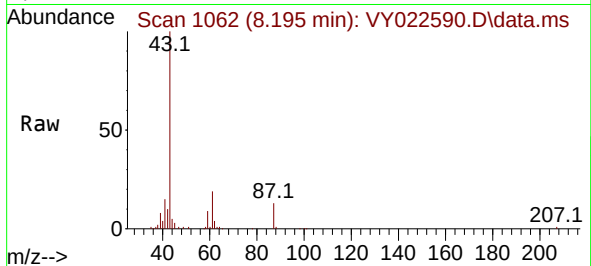




#43
Isopropyl Acetate
Concen: 20.801 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

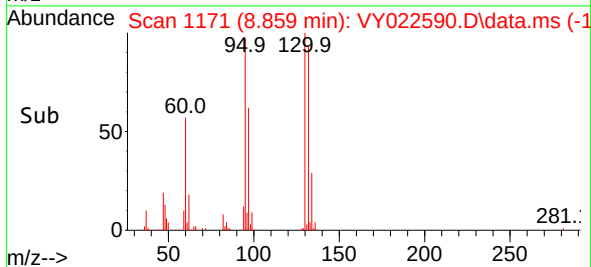
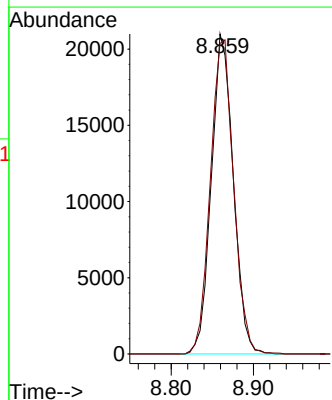
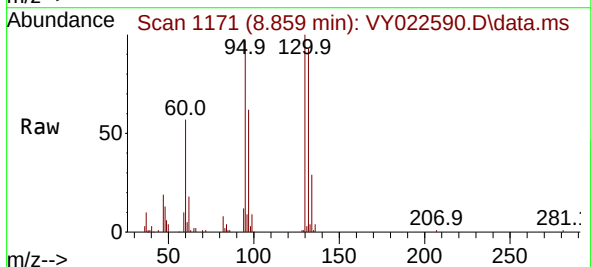
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

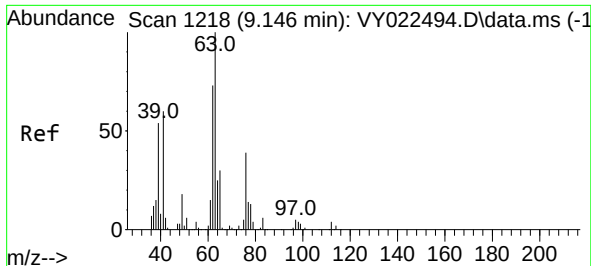
Tgt Ion: 43 Resp: 53906
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4
87 13.7 10.2 15.4



#44
Trichloroethene
Concen: 20.079 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:130 Resp: 39000
Ion Ratio Lower Upper
130 100
95 97.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.562 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

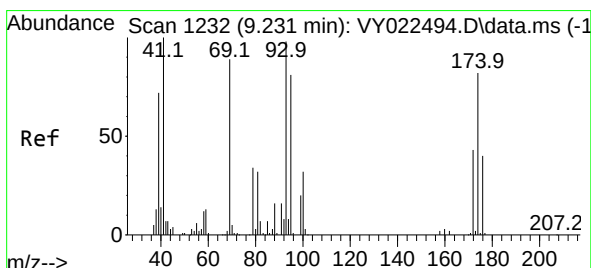
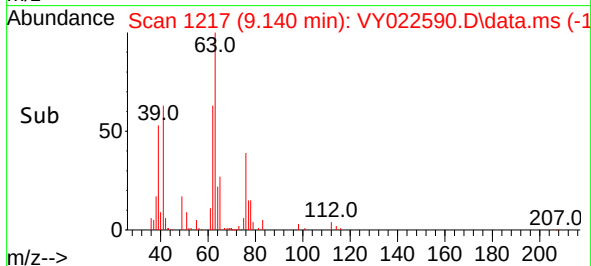
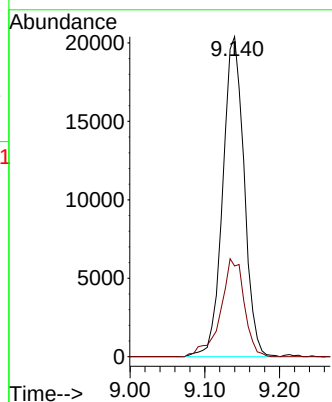
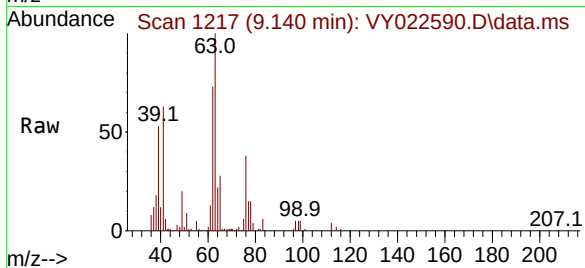
VY0606SBS01

Tgt Ion: 63 Resp: 40498

Ion Ratio Lower Upper

63 100

65 28.3 24.0 36.0



#46

Dibromomethane

Concen: 21.579 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

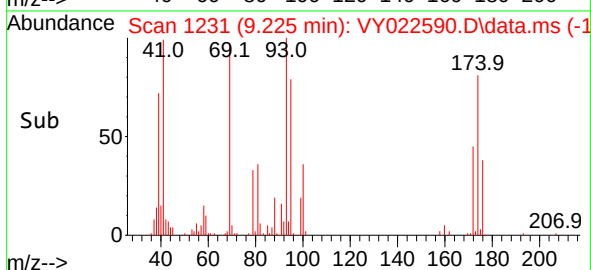
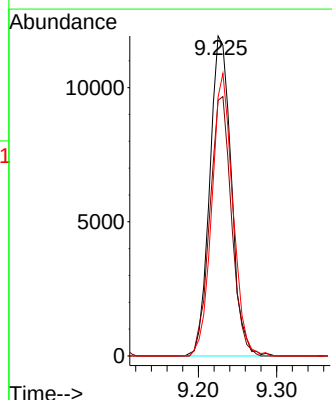
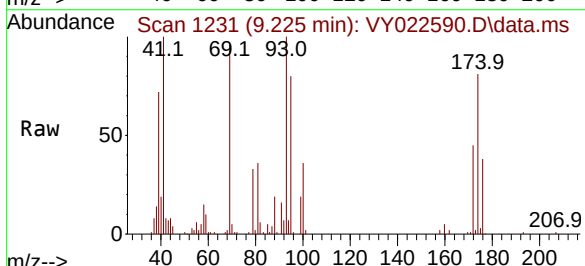
Tgt Ion: 93 Resp: 22802

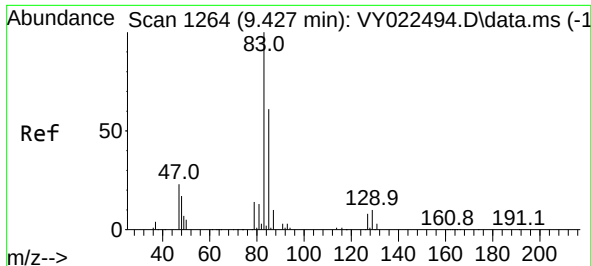
Ion Ratio Lower Upper

93 100

95 81.6 65.6 98.4

174 85.9 70.4 105.6

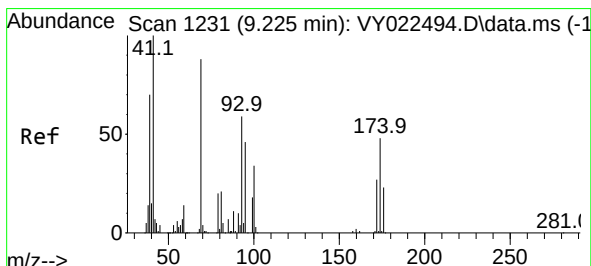
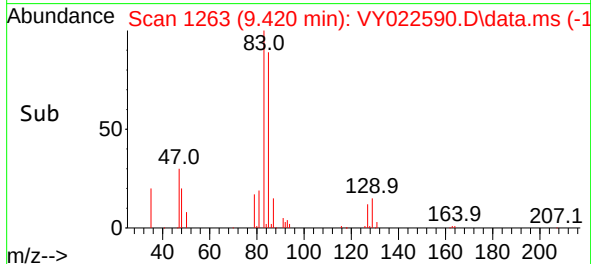
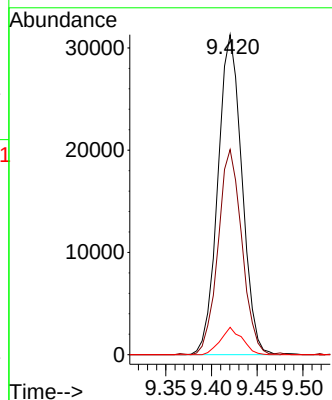
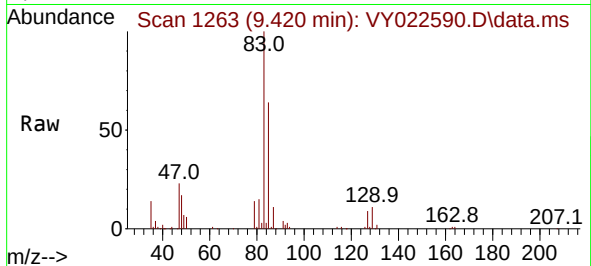




#47
Bromodichloromethane
Concen: 21.391 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

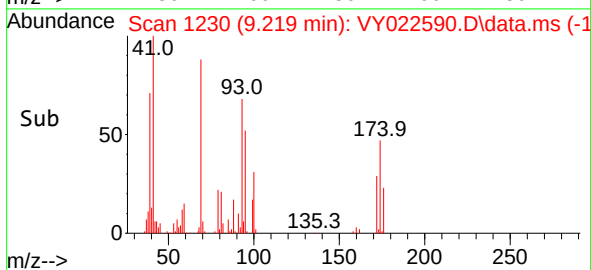
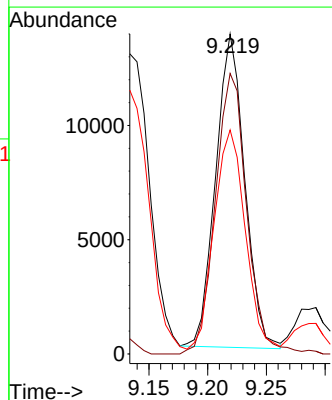
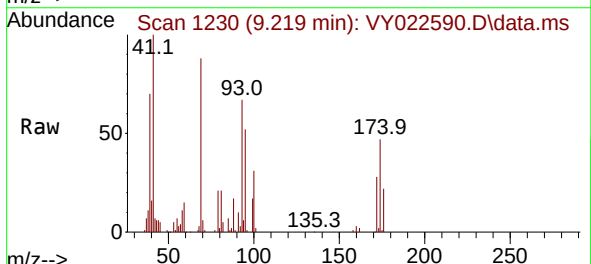
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

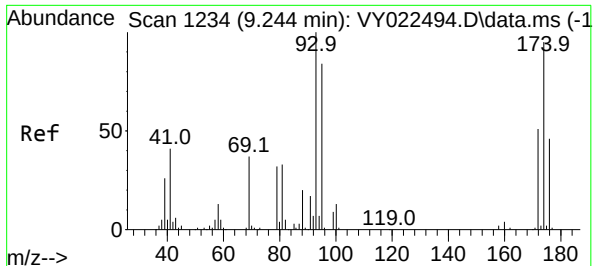
Tgt Ion: 83 Resp: 57312
Ion Ratio Lower Upper
83 100
85 63.8 49.1 73.7
127 8.5 6.2 9.4



#48
Methyl methacrylate
Concen: 19.377 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 41 Resp: 23568
Ion Ratio Lower Upper
41 100
69 97.0 67.8 101.8
39 75.3 55.0 82.4





#49

1,4-Dioxane

Concen: 450.382 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.025 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

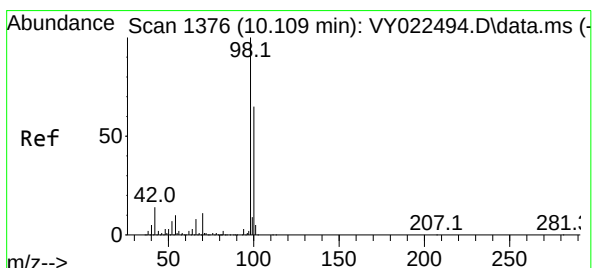
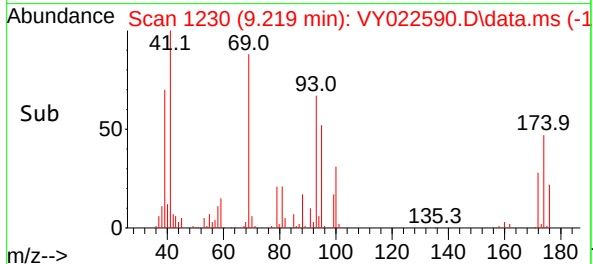
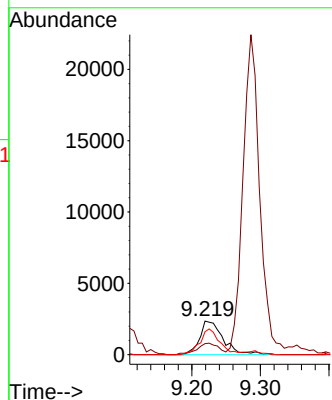
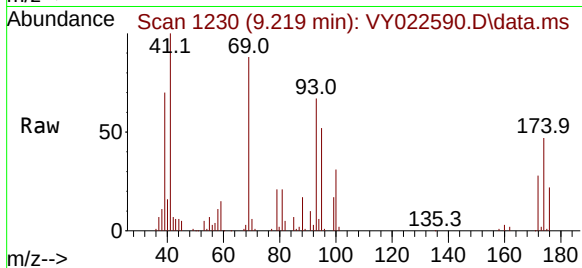
Tgt Ion: 88 Resp: 5638

Ion Ratio Lower Upper

88 100

43 31.6 25.4 38.2

58 64.6 54.9 82.3



#50

Toluene-d8

Concen: 50.754 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022590.D

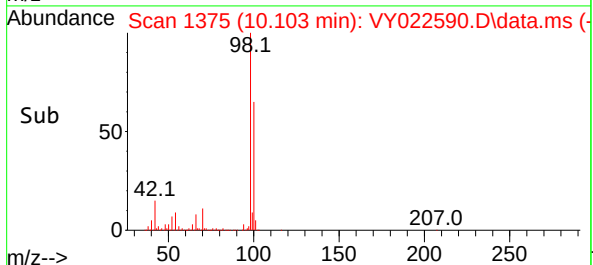
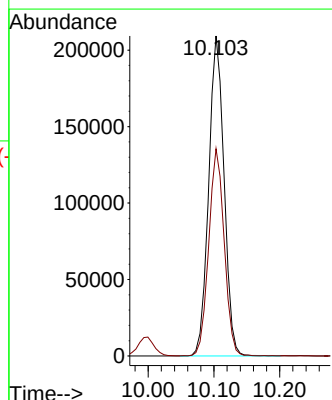
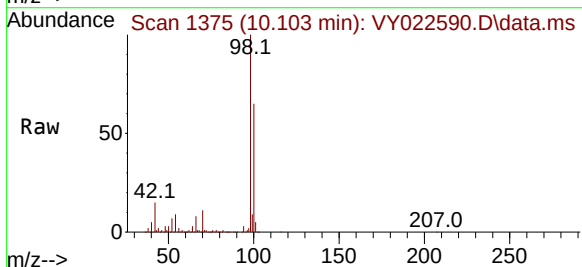
Acq: 06 Jun 2025 10:59

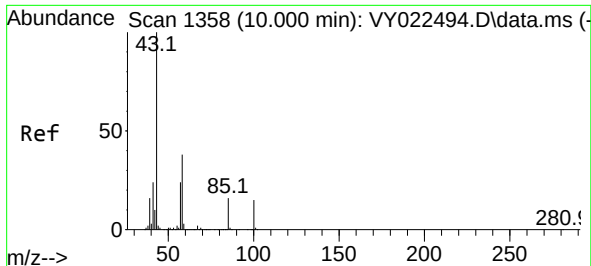
Tgt Ion: 98 Resp: 339991

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

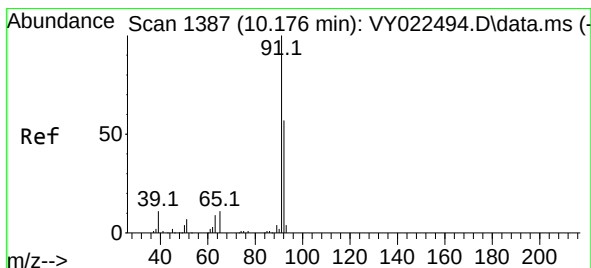
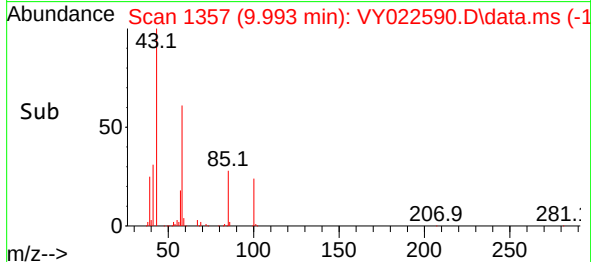
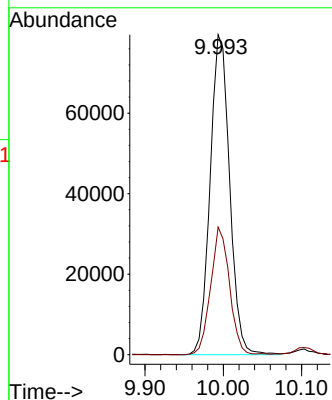
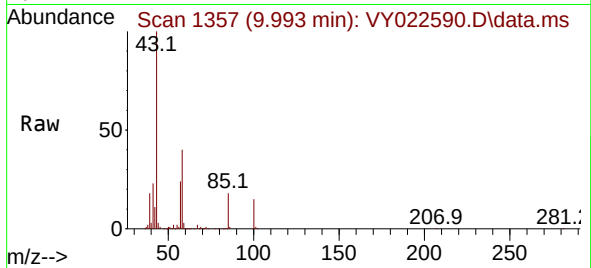




#51
4-Methyl-2-Pentanone
Concen: 106.500 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

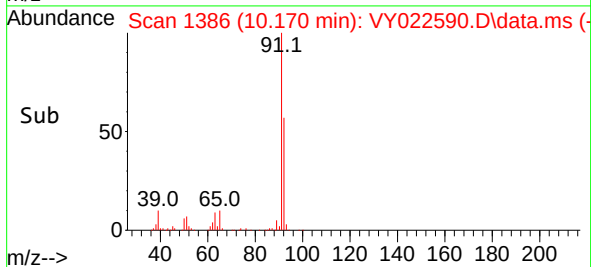
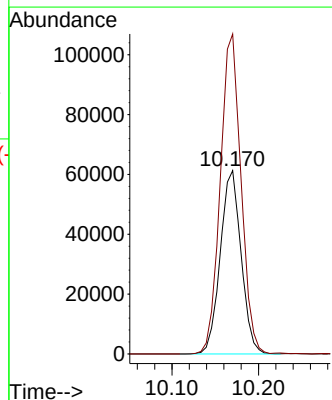
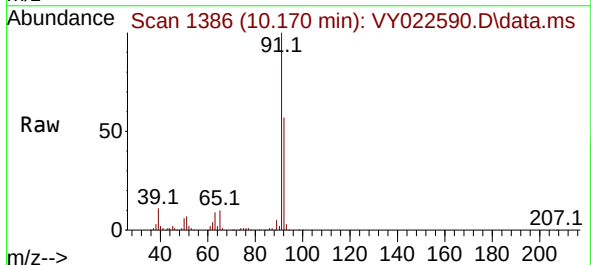
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

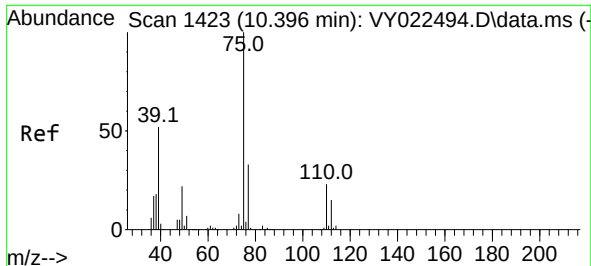
Tgt Ion: 43 Resp: 137603
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6



#52
Toluene
Concen: 20.489 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 92 Resp: 102330
Ion Ratio Lower Upper
92 100
91 174.0 139.0 208.4

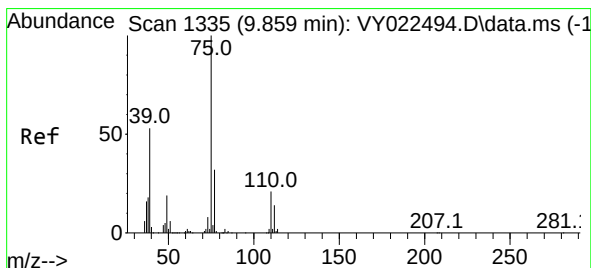
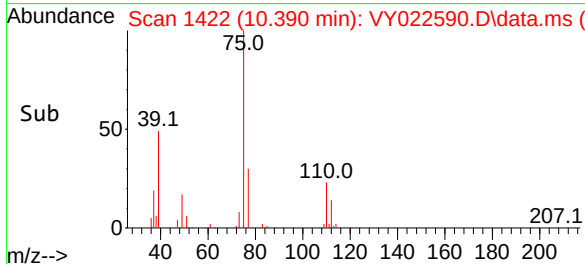
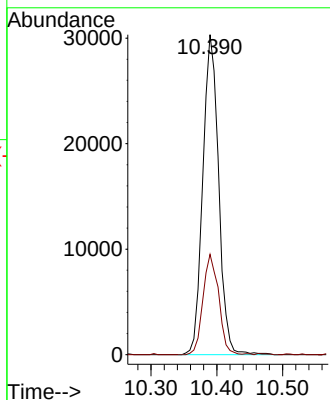
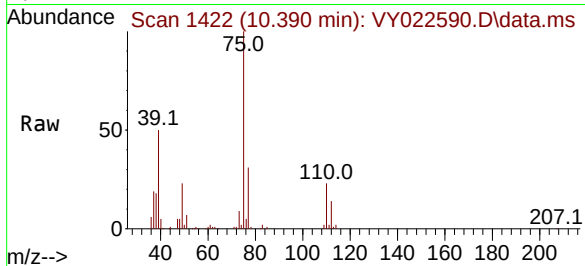




#53
t-1,3-Dichloropropene
Concen: 20.245 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

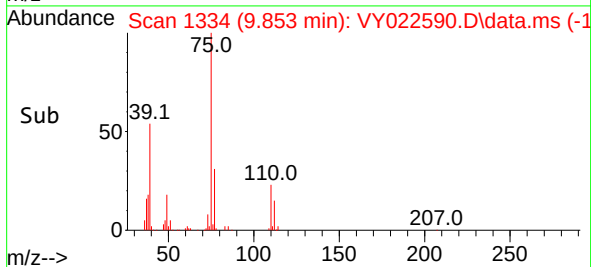
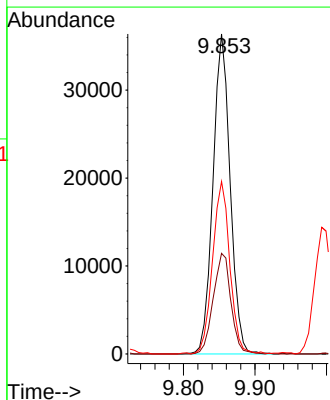
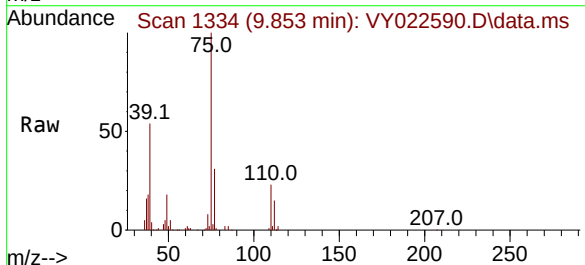
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

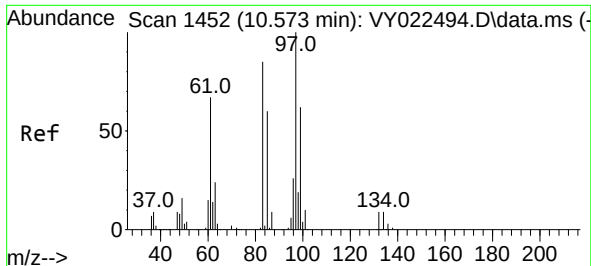
Tgt Ion: 75 Resp: 50824
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.755 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 75 Resp: 60653
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 53.9 42.7 64.1

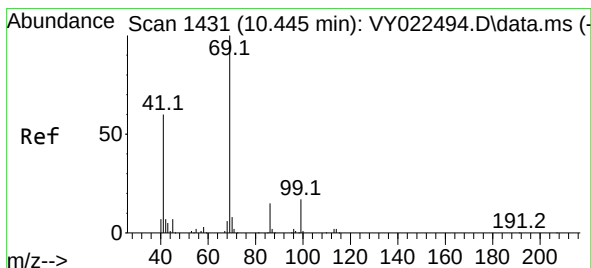
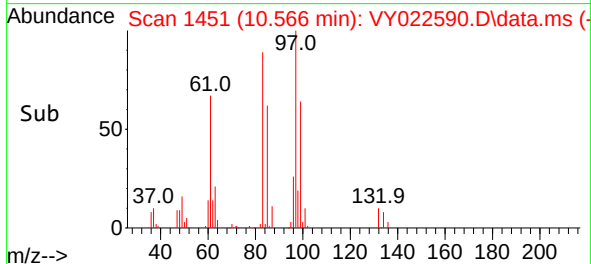
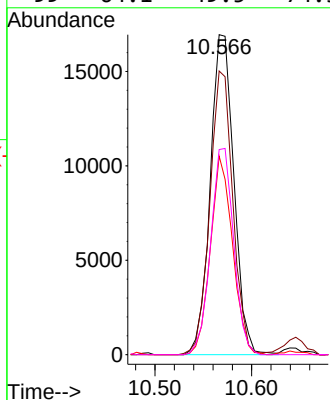
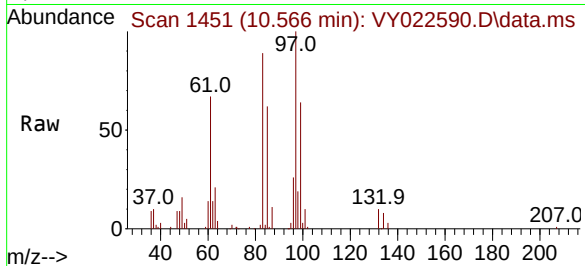




#55
1,1,2-Trichloroethane
Concen: 21.353 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

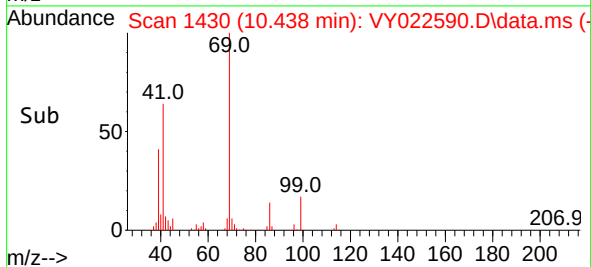
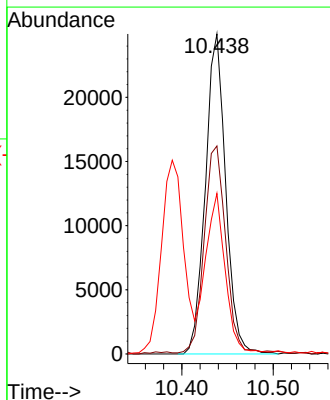
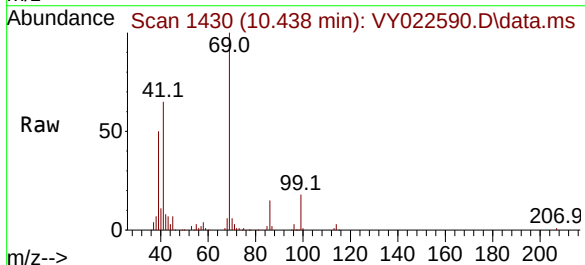
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

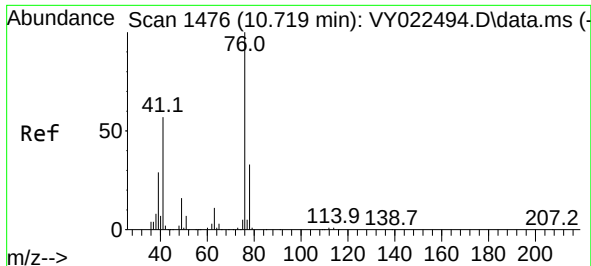
Tgt Ion:	97	Resp:	28771
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.1	102.1
85	62.0	48.2	72.2
99	64.1	49.5	74.3



#56
Ethyl methacrylate
Concen: 19.748 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:	69	Resp:	38457
Ion	Ratio	Lower	Upper
69	100		
41	68.8	52.2	78.2
39	47.7	36.7	55.1





#57

1,3-Dichloropropane

Concen: 21.838 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

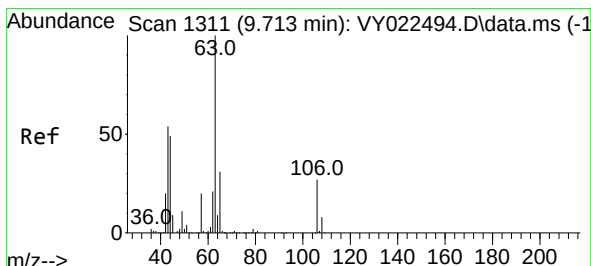
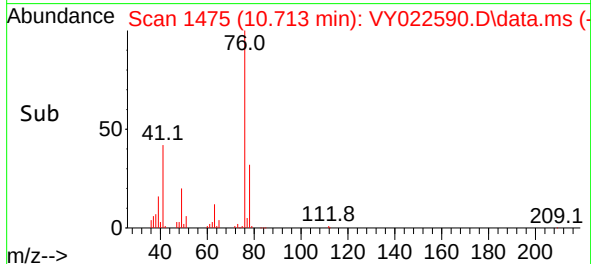
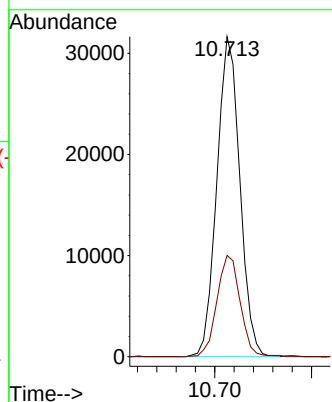
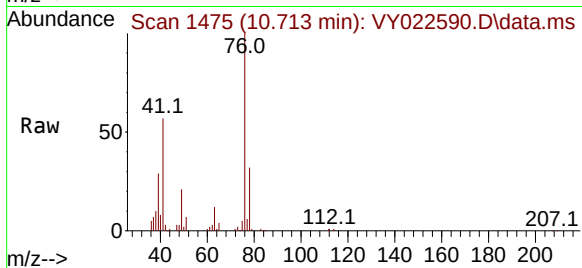
VY0606SBS01

Tgt Ion: 76 Resp: 52150

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 112.537 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022590.D

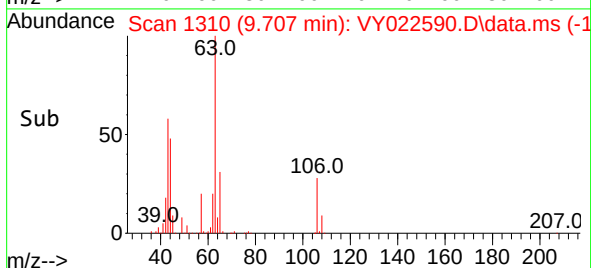
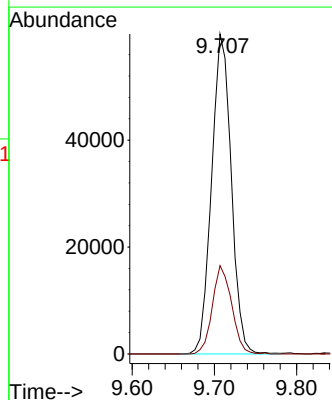
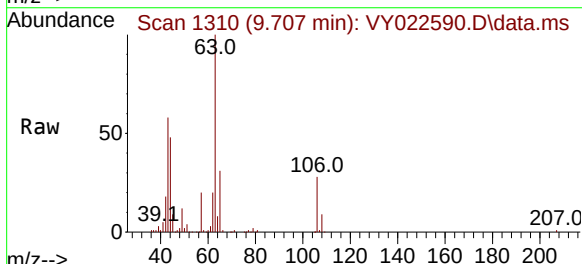
Acq: 06 Jun 2025 10:59

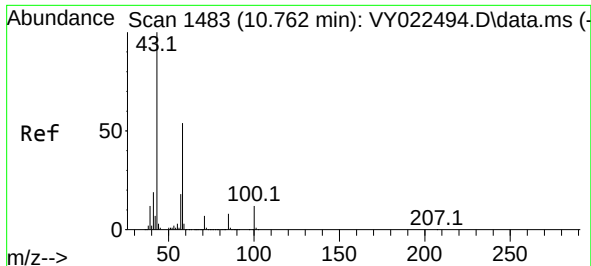
Tgt Ion: 63 Resp: 99501

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4

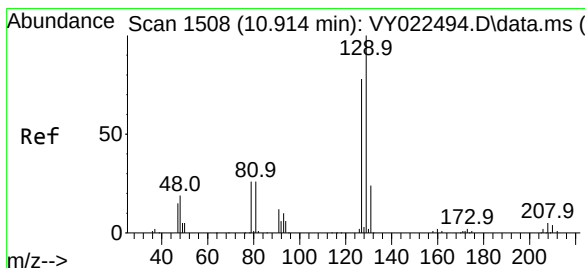
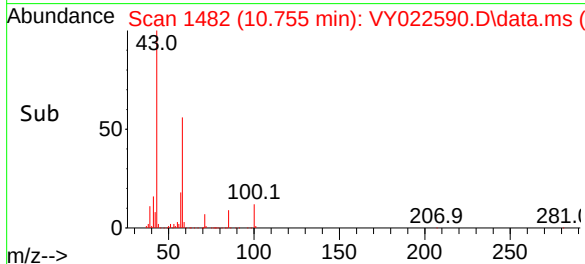
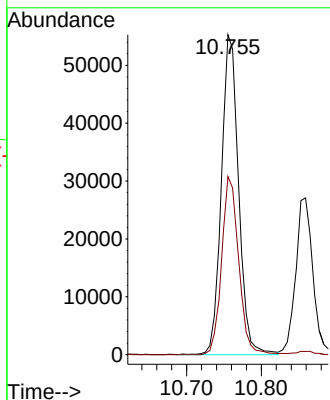
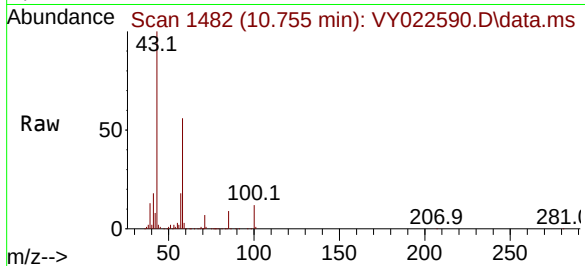




#59
2-Hexanone
Concen: 102.519 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

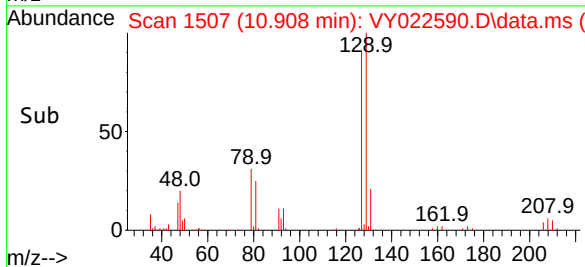
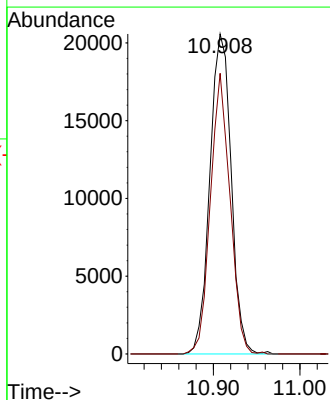
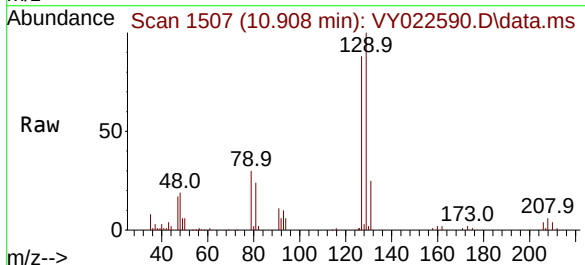
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

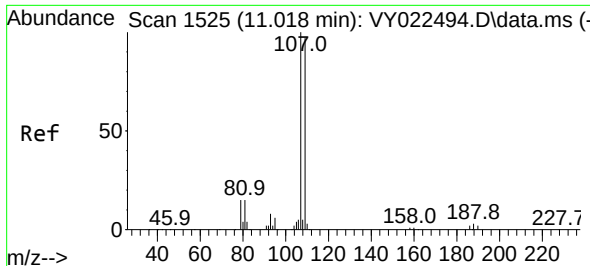
Tgt Ion: 43 Resp: 88588
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 20.551 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:129 Resp: 35189
Ion Ratio Lower Upper
129 100
127 80.7 39.1 117.2

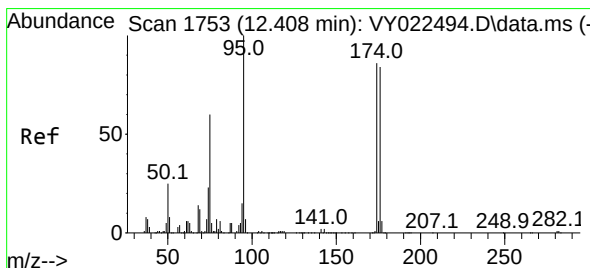
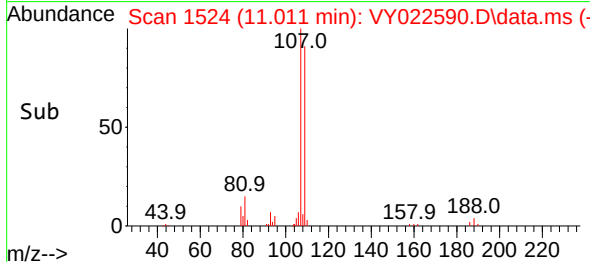
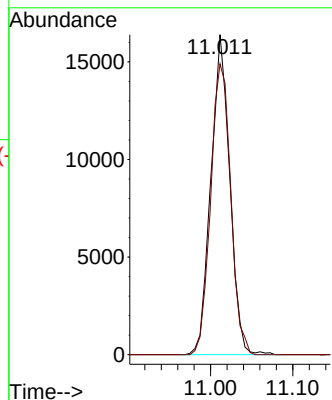
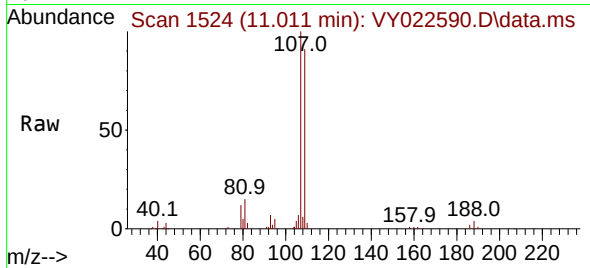




#61
1,2-Dibromoethane
Concen: 21.287 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

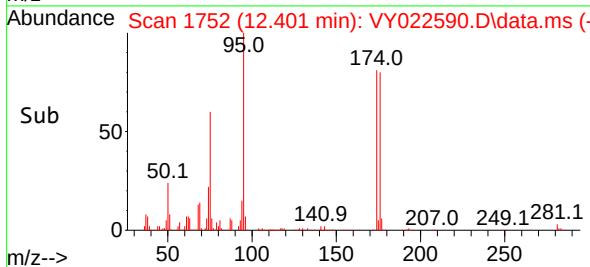
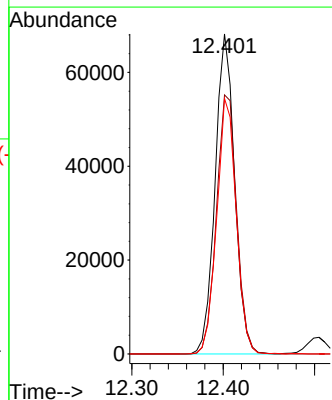
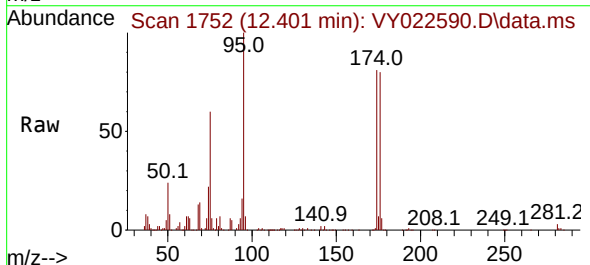
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

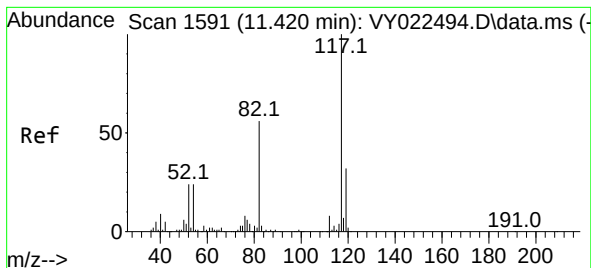
Tgt Ion:107 Resp: 26142
Ion Ratio Lower Upper
107 100
109 96.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.625 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 95 Resp: 101044
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.0
176 79.8 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

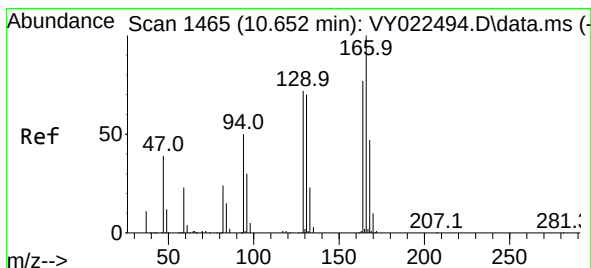
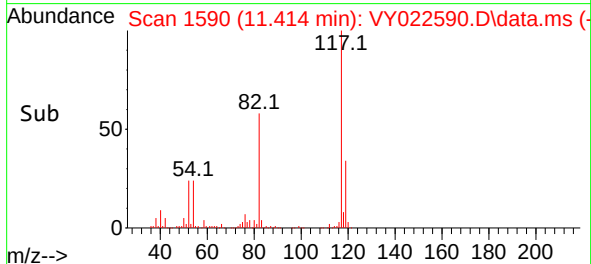
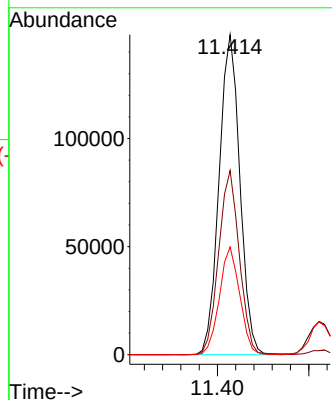
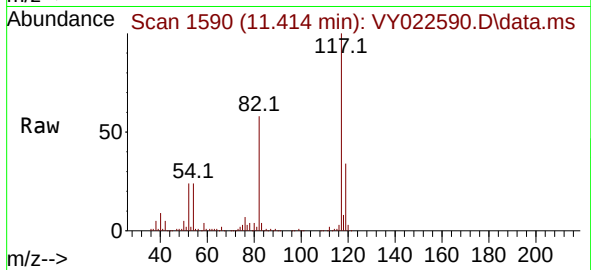
Tgt Ion:117 Resp: 234318

Ion Ratio Lower Upper

117 100

82 57.5 44.6 66.8

119 33.7 25.4 38.0



#64

Tetrachloroethene

Concen: 18.933 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Tgt Ion:164 Resp: 38162

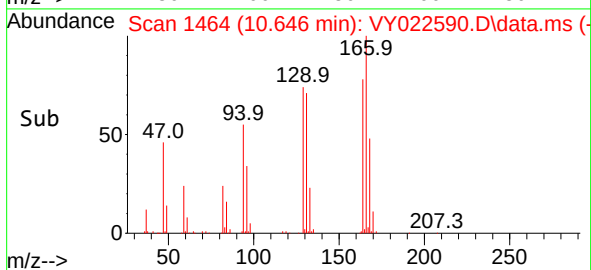
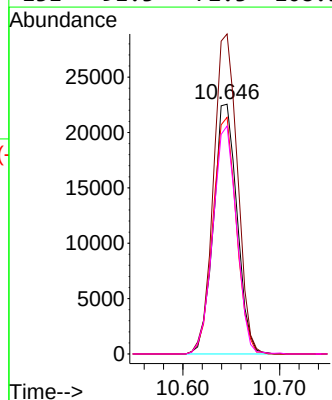
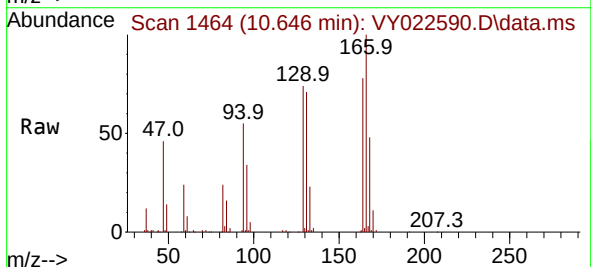
Ion Ratio Lower Upper

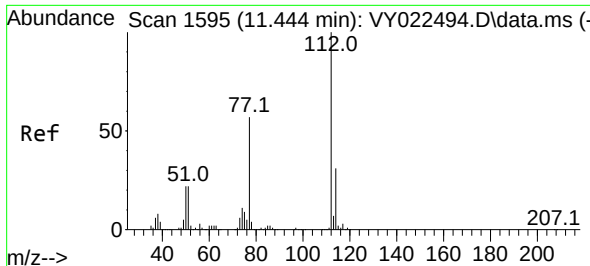
164 100

166 128.1 104.0 156.0

129 94.8 74.5 111.7

131 91.3 72.3 108.5

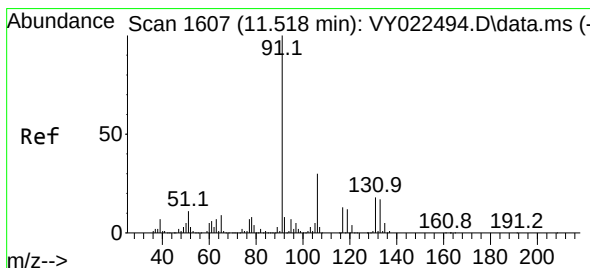
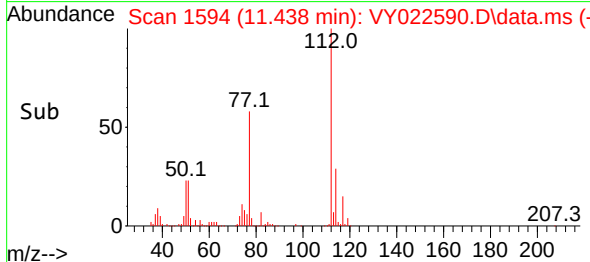
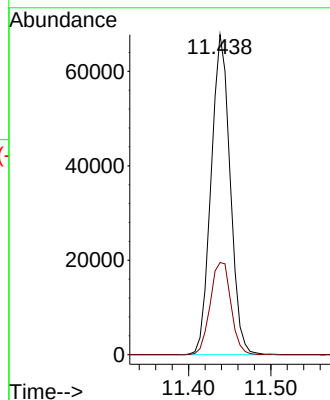
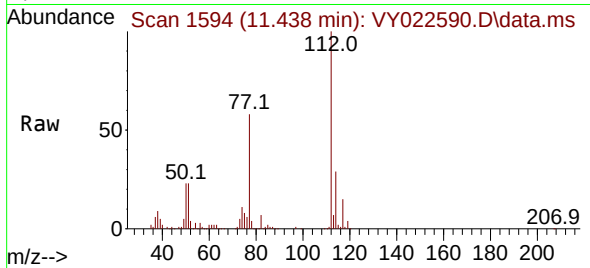




#65
Chlorobenzene
Concen: 21.057 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

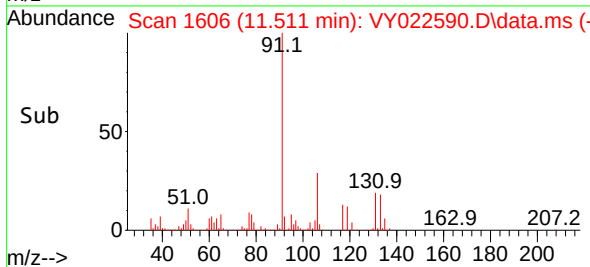
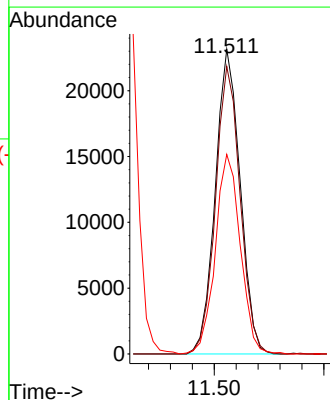
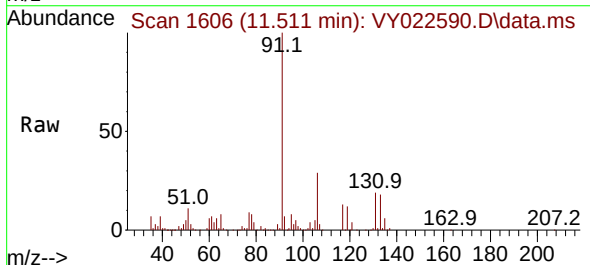
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBSD01

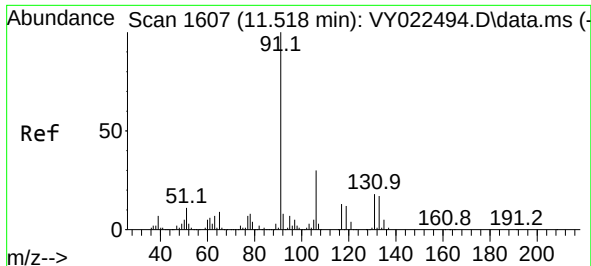
Tgt Ion:112 Resp: 109184
Ion Ratio Lower Upper
112 100
114 28.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.886 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:131 Resp: 36483
Ion Ratio Lower Upper
131 100
133 93.6 47.3 141.8
119 66.0 33.1 99.3





#67

Ethyl Benzene

Concen: 20.632 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

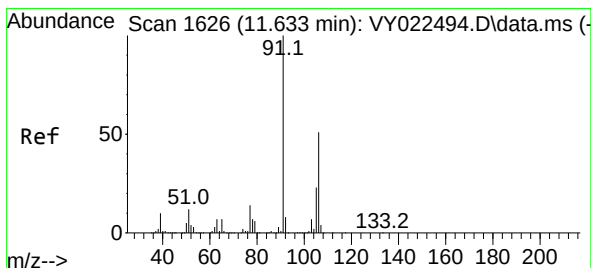
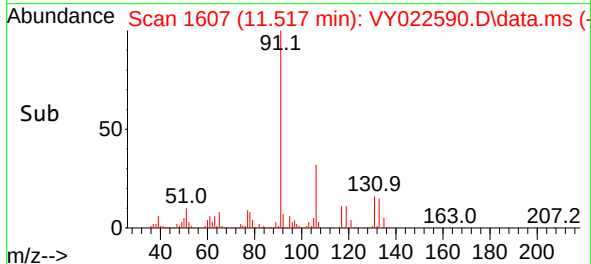
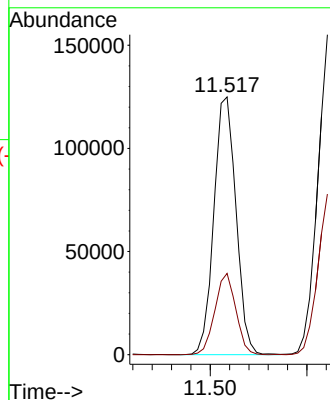
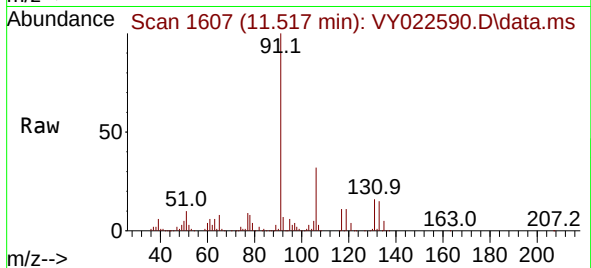
VY0606SBS01

Tgt Ion: 91 Resp: 198428

Ion Ratio Lower Upper

91 100

106 31.6 24.2 36.4



#68

m/p-Xylenes

Concen: 40.115 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022590.D

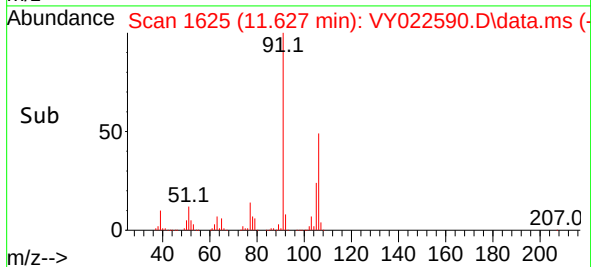
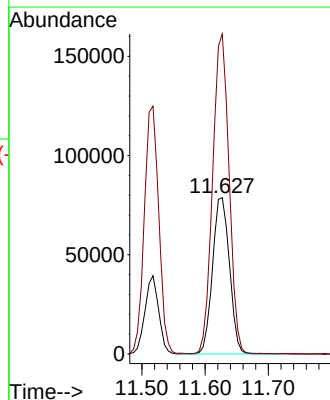
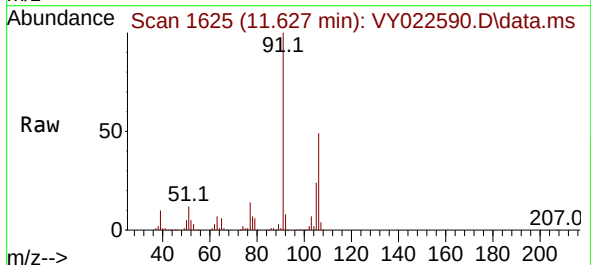
Acq: 06 Jun 2025 10:59

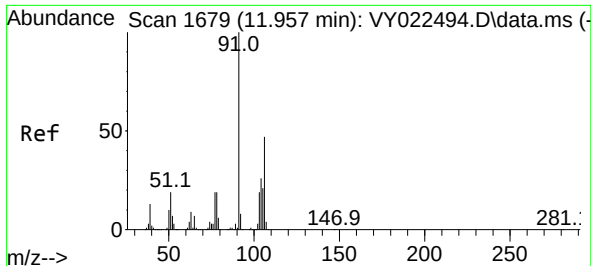
Tgt Ion:106 Resp: 146254

Ion Ratio Lower Upper

106 100

91 198.5 159.4 239.0

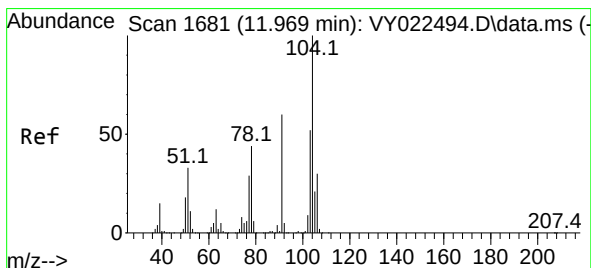
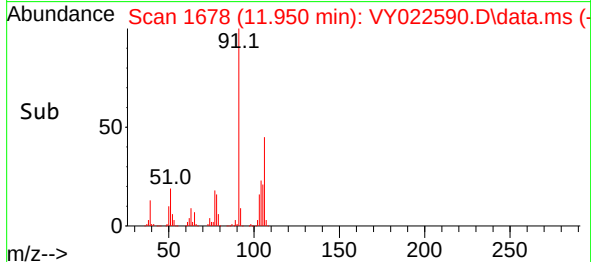
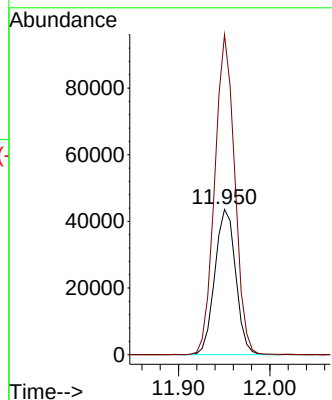
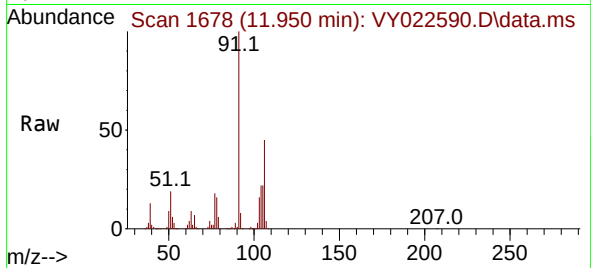




#69
o-Xylene
Concen: 20.241 ug/l
RT: 11.950 min Scan# 1195
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

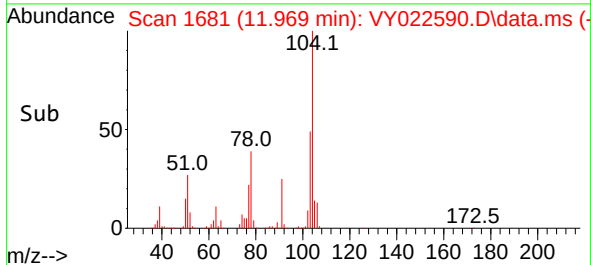
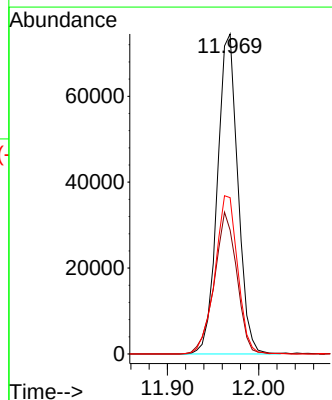
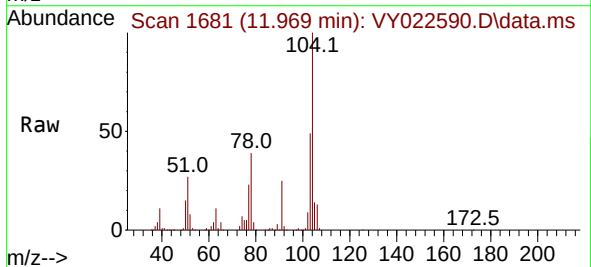
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

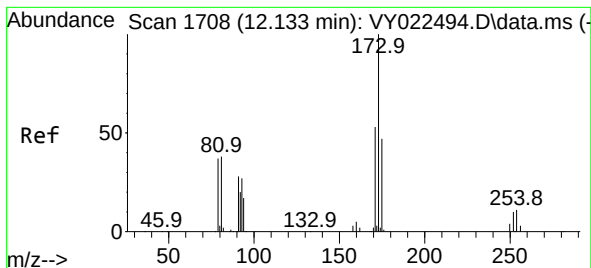
Tgt Ion:106 Resp: 69188
Ion Ratio Lower Upper
106 100
91 211.2 105.8 317.3



#70
Styrene
Concen: 20.554 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:104 Resp: 116137
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.1 44.1 66.1





#71

Bromoform

Concen: 20.579 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

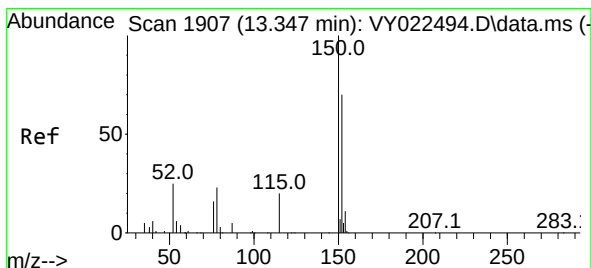
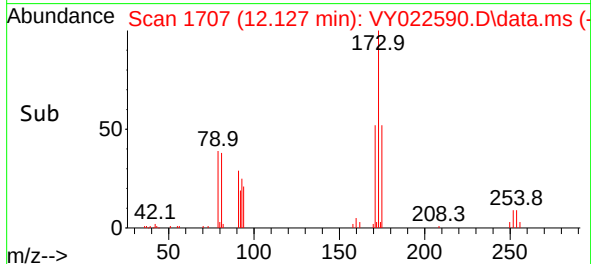
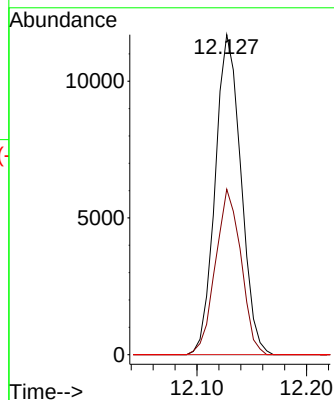
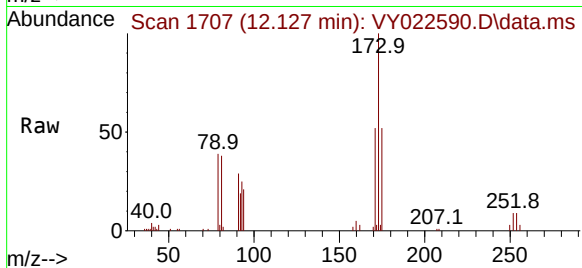
Tgt Ion:173 Resp: 19129

Ion Ratio Lower Upper

173 100

175 51.3 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

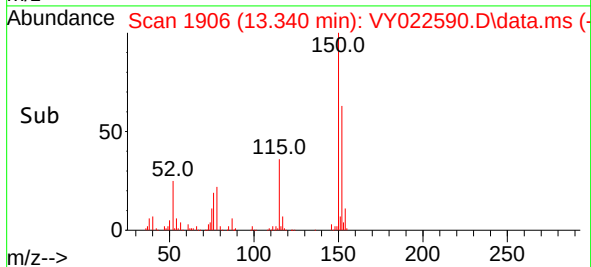
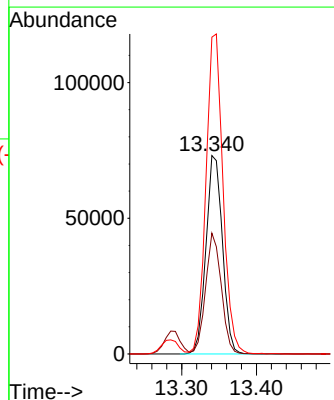
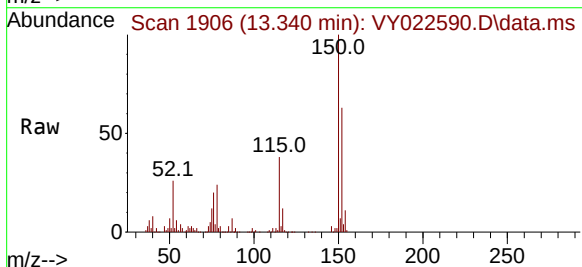
Tgt Ion:152 Resp: 111930

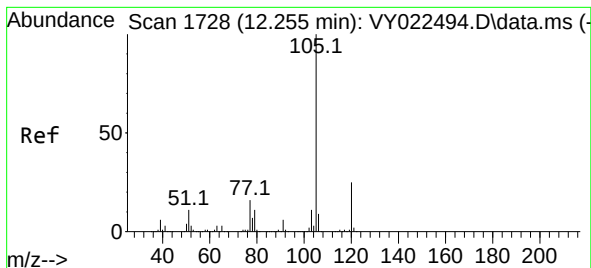
Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

150 165.5 0.0 349.6





#73

Isopropylbenzene

Concen: 19.480 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

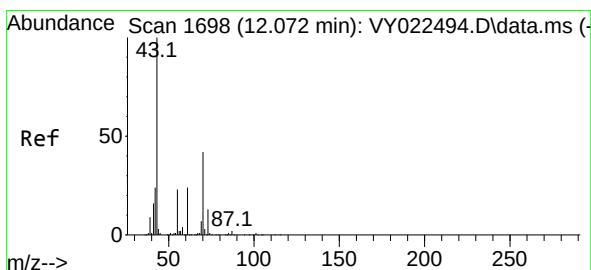
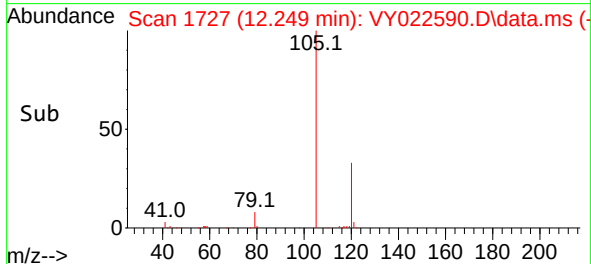
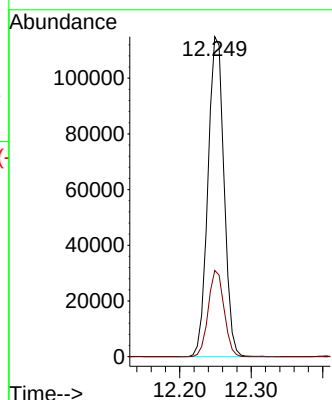
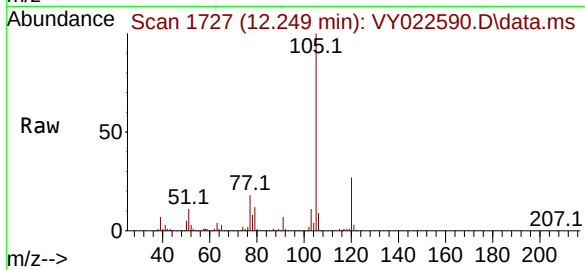
VY0606SBSD01

Tgt Ion:105 Resp: 179014

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 19.785 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Tgt Ion: 43 Resp: 45875

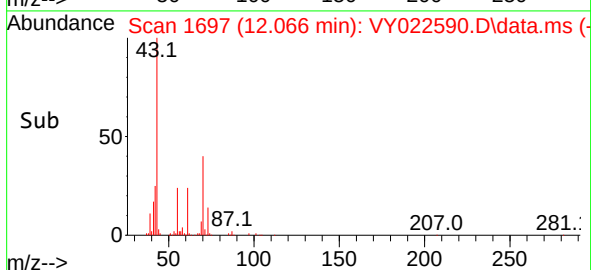
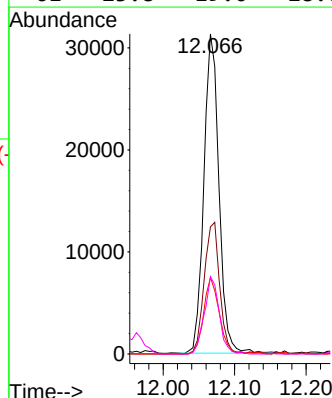
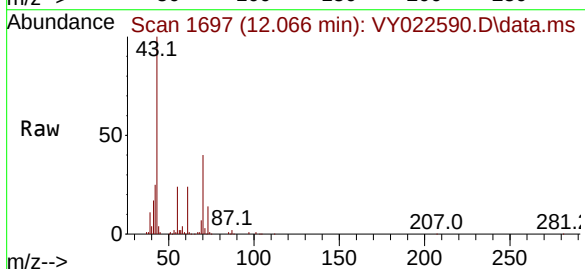
Ion Ratio Lower Upper

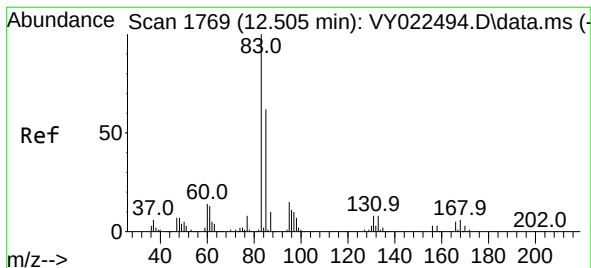
43 100

70 42.3 34.2 51.2

55 25.2 18.2 27.4

61 23.8 19.0 28.6

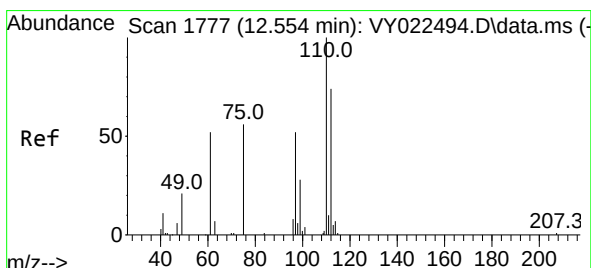
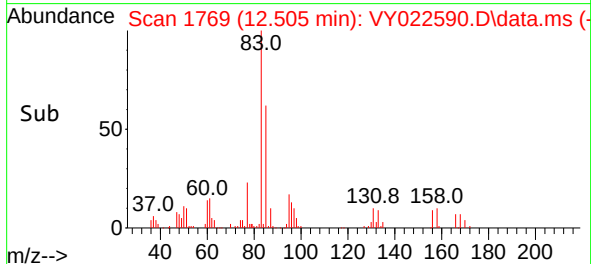
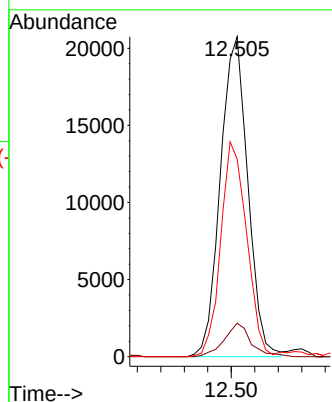
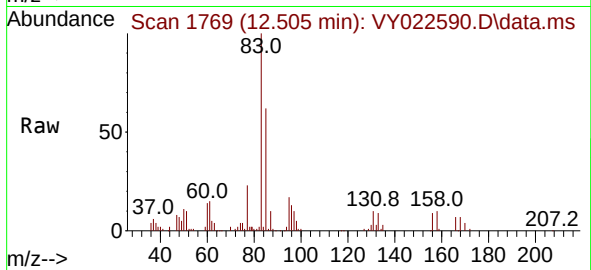




#75
 1,1,2-Tetrachloroethane
 Concen: 22.324 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022590.D
 Acq: 06 Jun 2025 10:59

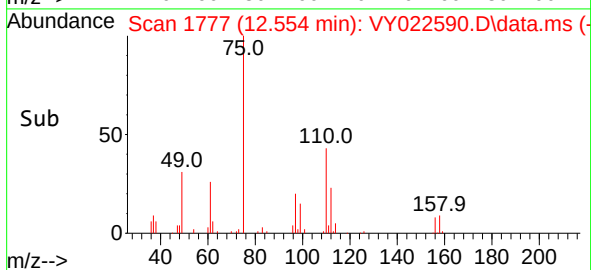
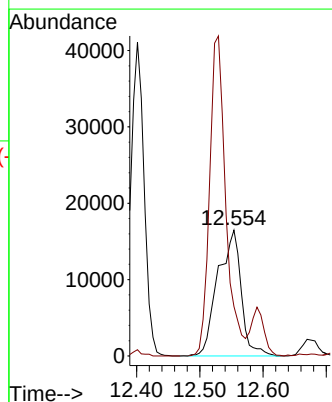
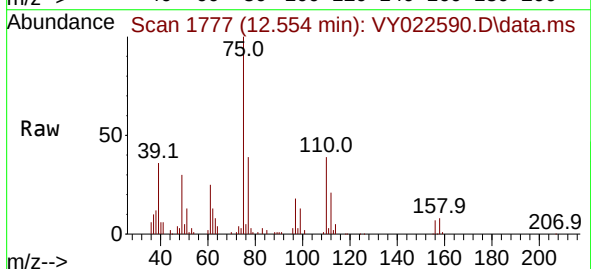
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

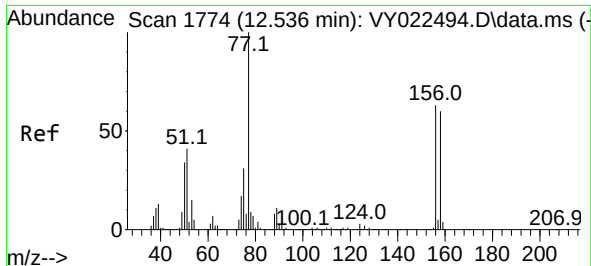
Tgt Ion: 83 Resp: 33670
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.9 14.7
 85 63.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 33.022 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022590.D
 Acq: 06 Jun 2025 10:59

Tgt Ion: 75 Resp: 42285
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

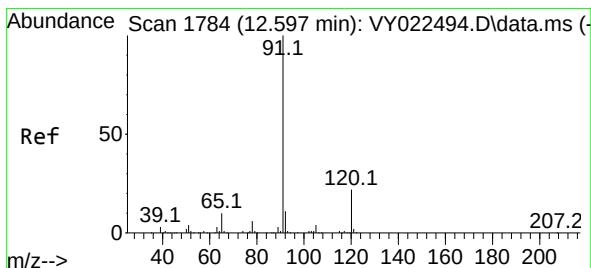
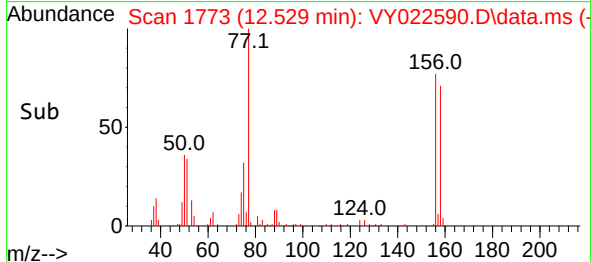
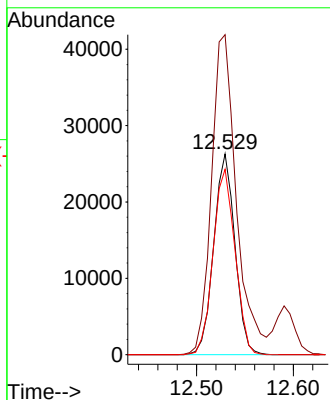
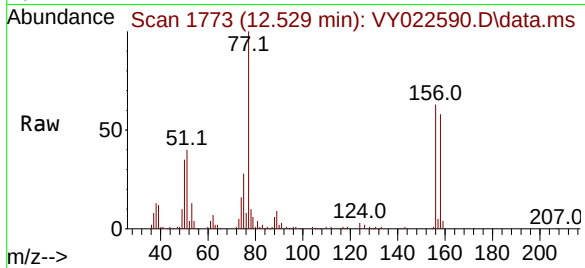




#77
Bromobenzene
Concen: 20.602 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

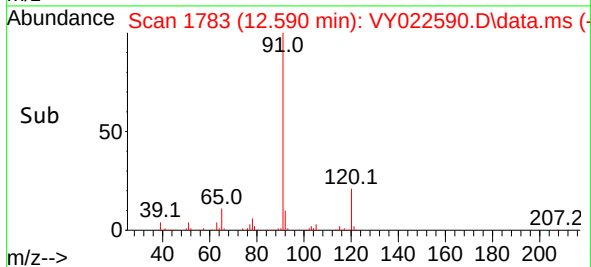
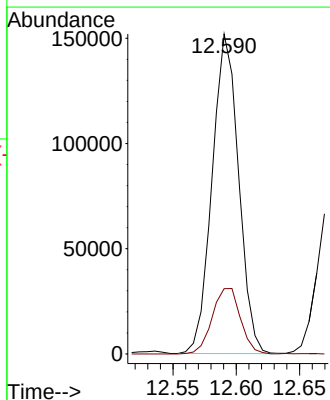
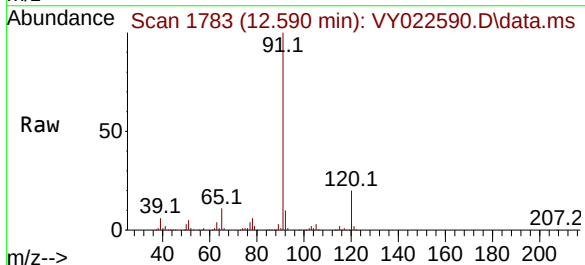
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBSD01

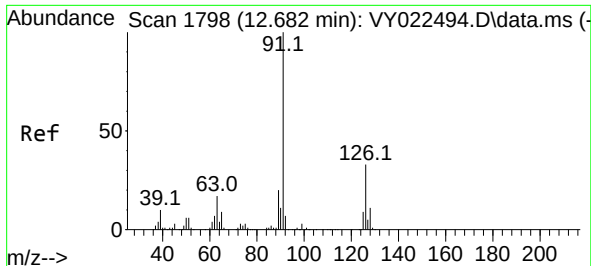
Tgt Ion:	156	Resp:	39952
Ion Ratio	Lower	Upper	
156	100		
77	187.5	94.0	282.1
158	95.8	48.2	144.6



#78
n-propylbenzene
Concen: 19.689 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:	91	Resp:	220988
Ion Ratio	Lower	Upper	
91	100		
120	21.8	10.8	32.4

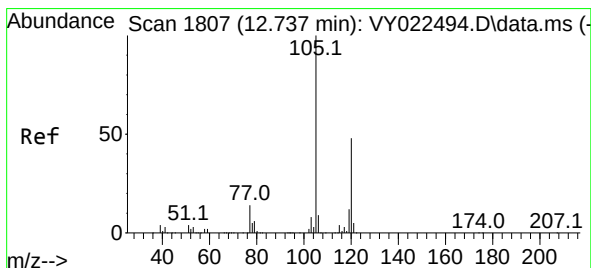
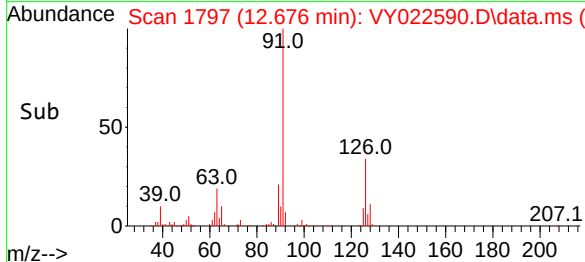
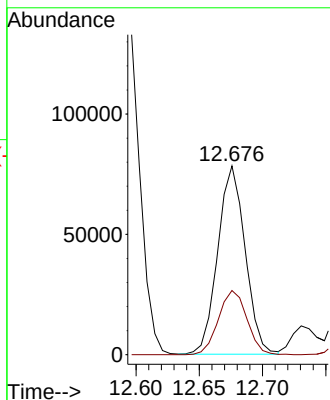
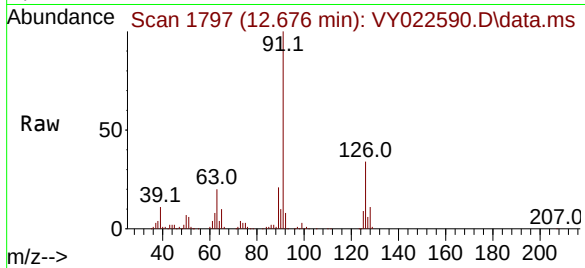




#79
2-Chlorotoluene
Concen: 19.873 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

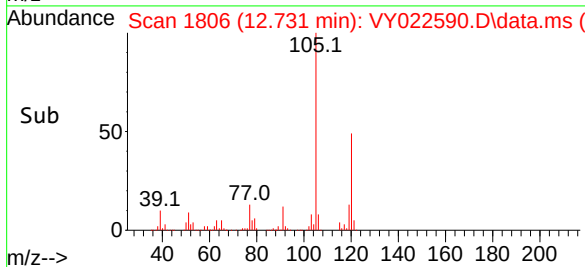
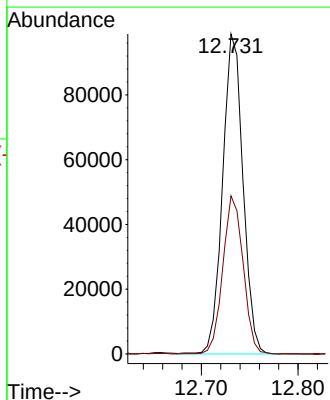
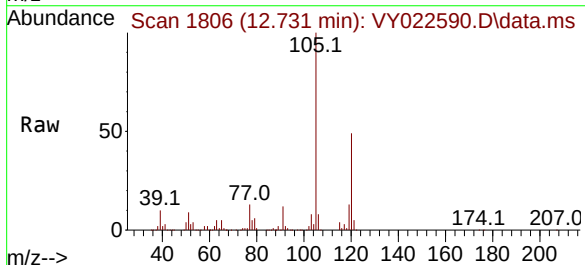
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

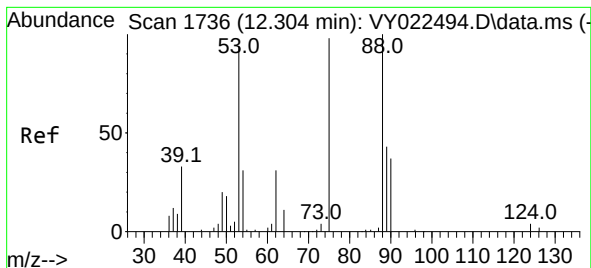
Tgt Ion: 91 Resp: 118216
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.013 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:105 Resp: 144387
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

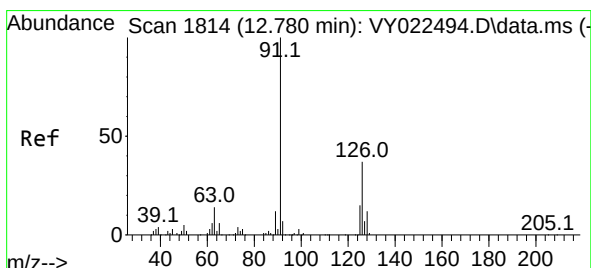
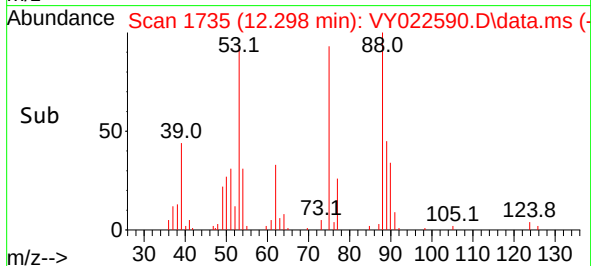
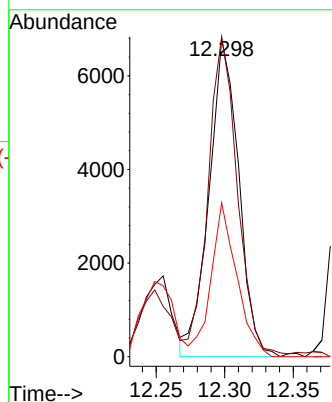
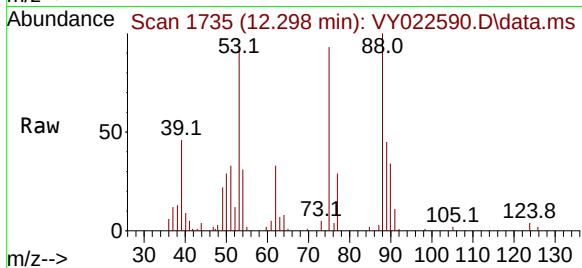




#81
trans-1,4-Dichloro-2-butene
Concen: 19.212 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

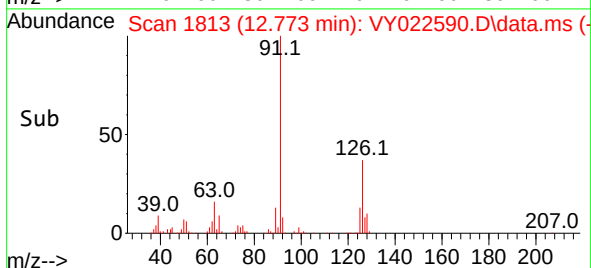
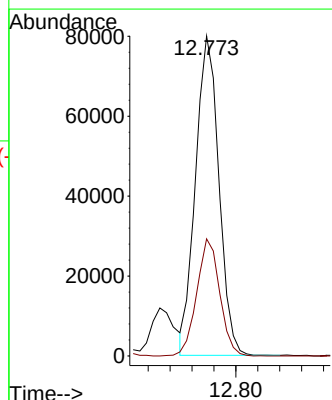
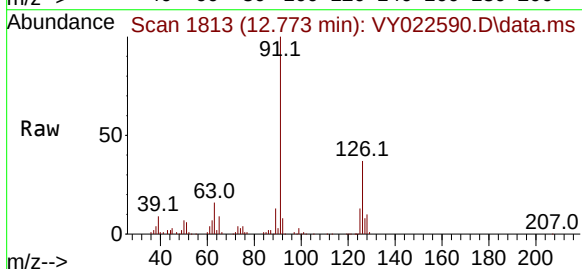
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

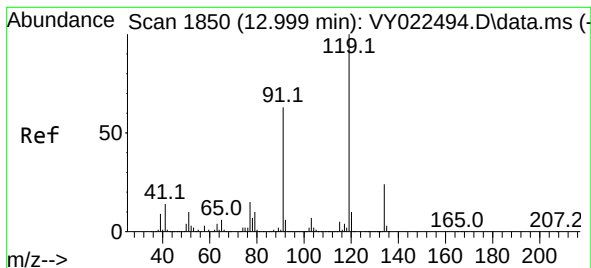
Tgt Ion: 75 Resp: 10187
Ion Ratio Lower Upper
75 100
53 98.3 78.5 117.7
89 42.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.254 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 91 Resp: 118156
Ion Ratio Lower Upper
91 100
126 36.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.677 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

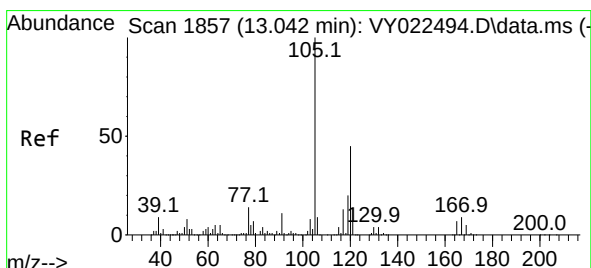
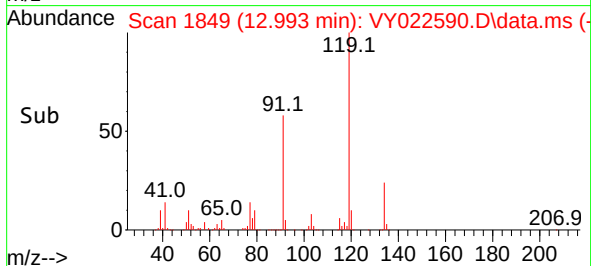
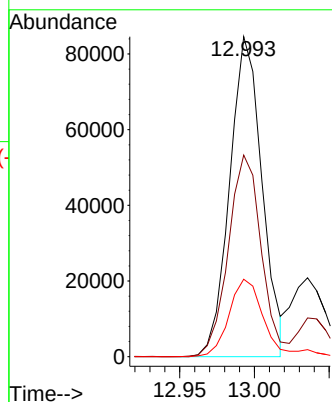
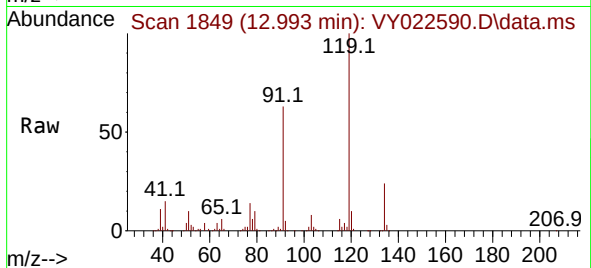
Tgt Ion:119 Resp: 127410

Ion Ratio Lower Upper

119 100

91 64.5 32.1 96.3

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.904 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022590.D

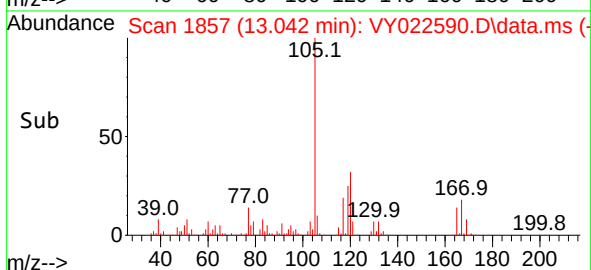
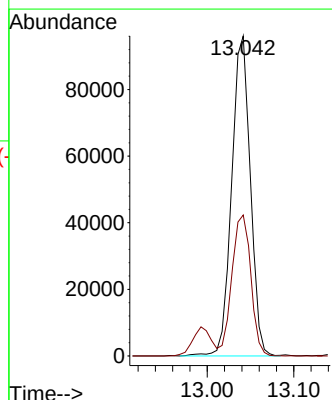
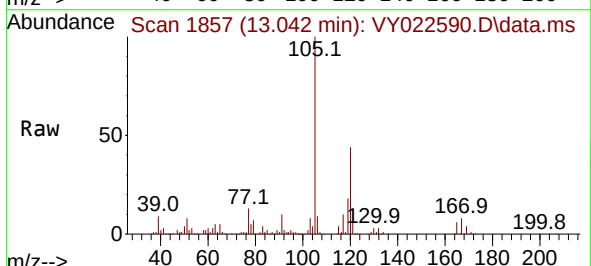
Acq: 06 Jun 2025 10:59

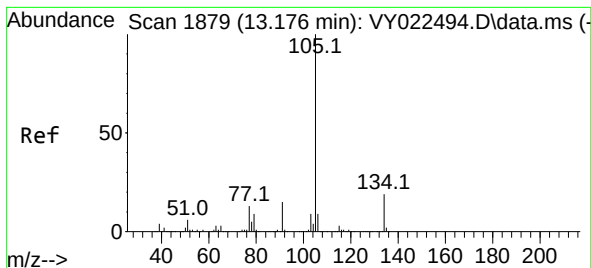
Tgt Ion:105 Resp: 143620

Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.646 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

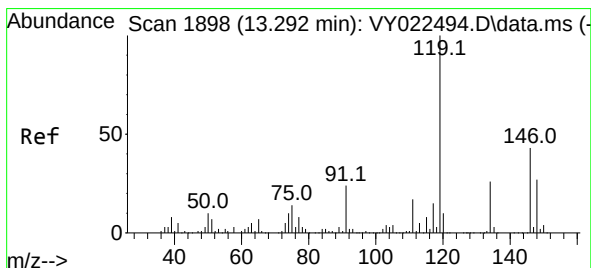
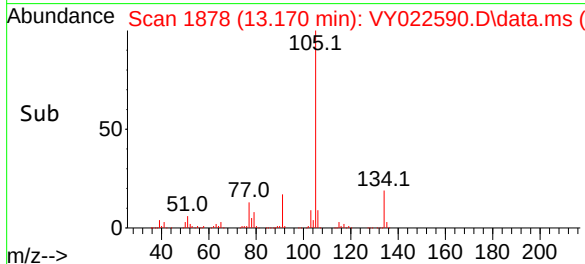
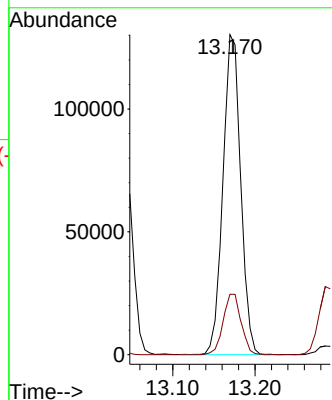
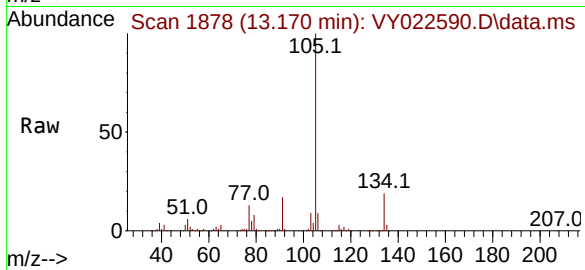
VY0606SBS01

Tgt Ion:105 Resp: 194833

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.474 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

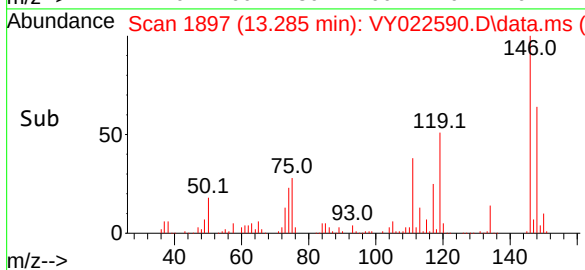
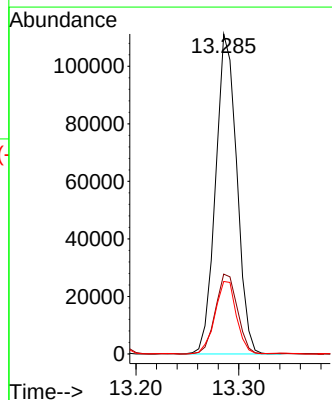
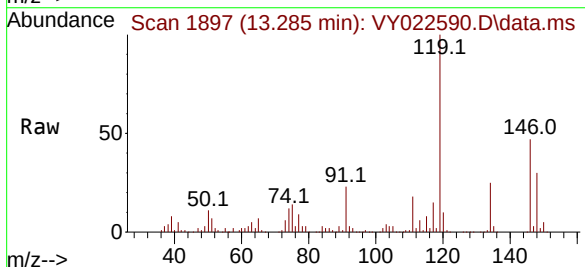
Tgt Ion:119 Resp: 159191

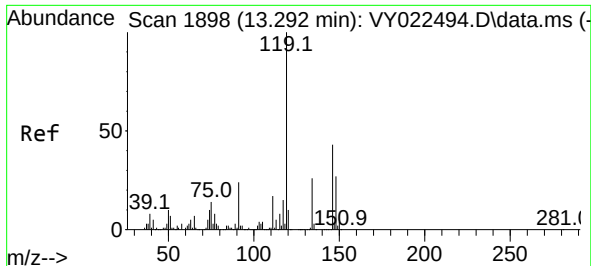
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.1 11.6 34.8

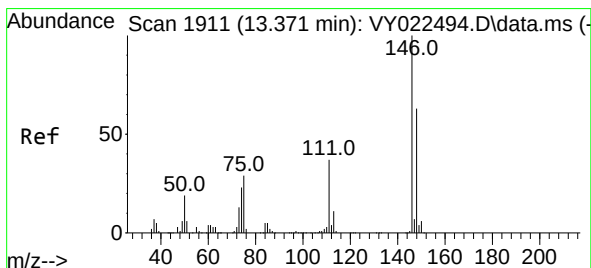
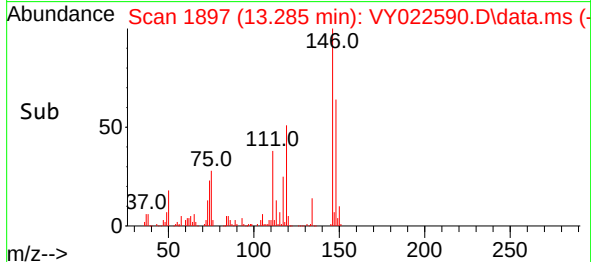
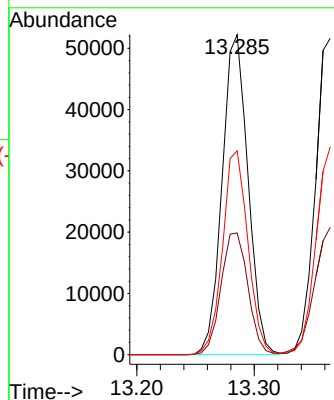
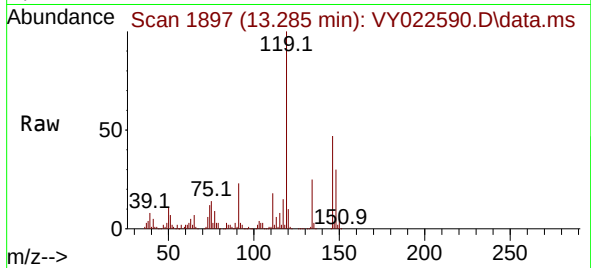




#87
 1,3-Dichlorobenzene
 Concen: 20.326 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY022590.D
 Acq: 06 Jun 2025 10:59

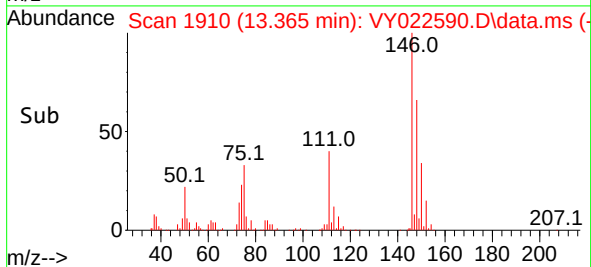
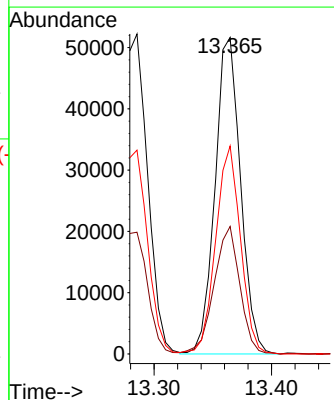
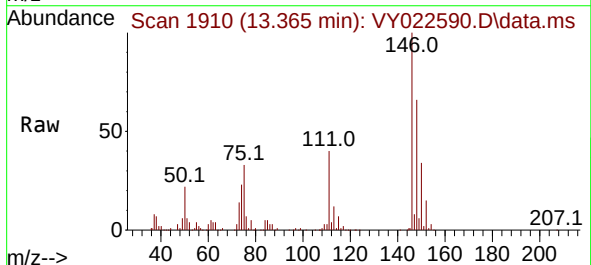
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

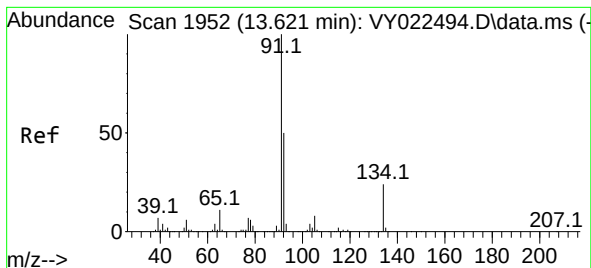
Tgt Ion:146 Resp: 79862
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.1 60.2
 148 62.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.495 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022590.D
 Acq: 06 Jun 2025 10:59

Tgt Ion:146 Resp: 78101
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.4 58.2
 148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 19.863 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

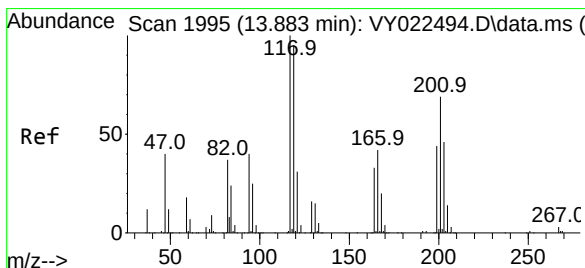
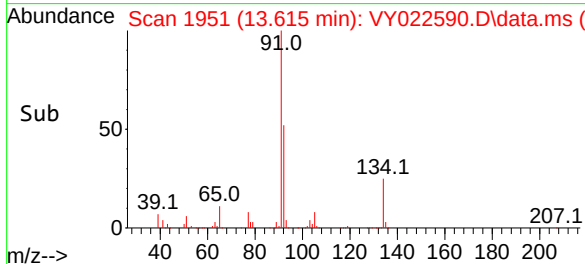
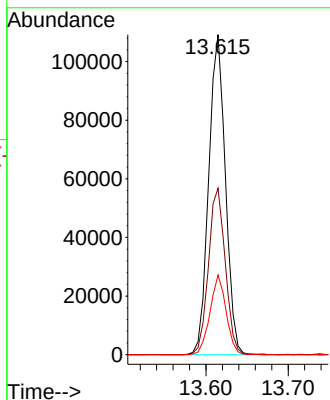
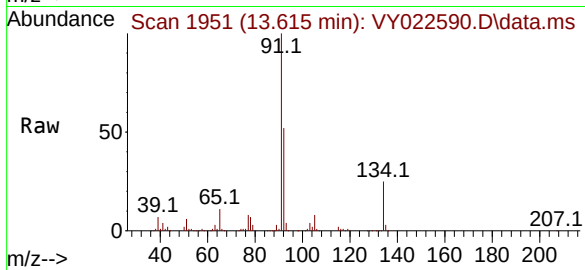
Tgt Ion: 91 Resp: 154050

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 20.280 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022590.D

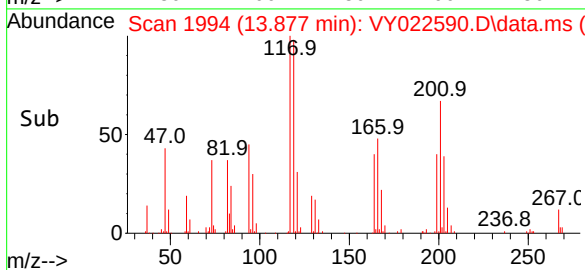
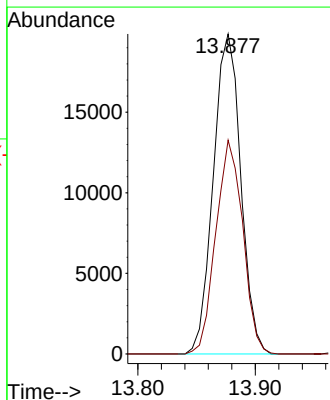
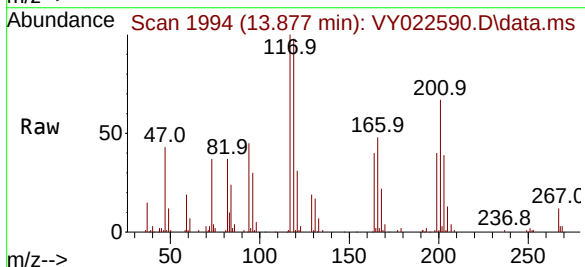
Acq: 06 Jun 2025 10:59

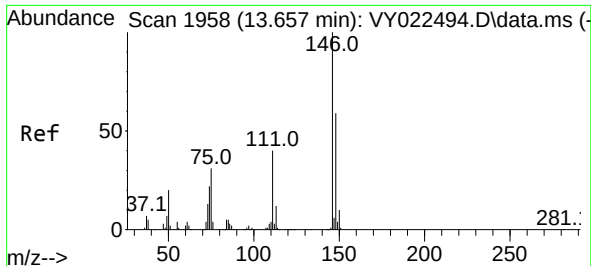
Tgt Ion: 117 Resp: 32273

Ion Ratio Lower Upper

117 100

201 65.6 34.0 102.0

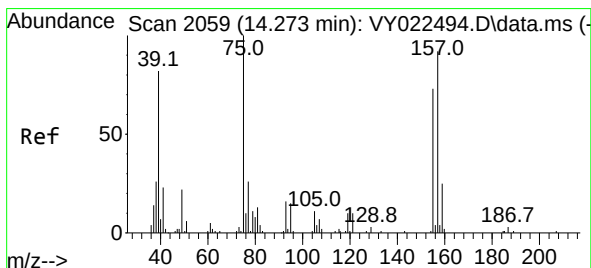
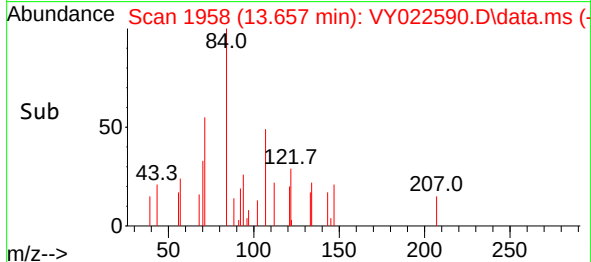
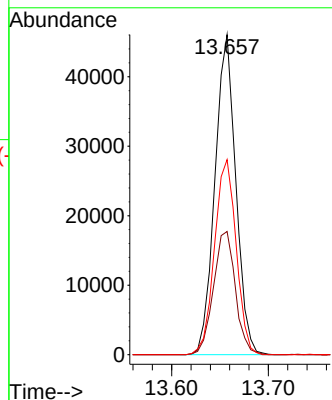
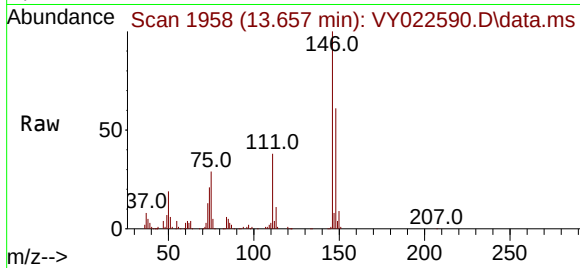




#91
1,2-Dichlorobenzene
Concen: 20.726 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

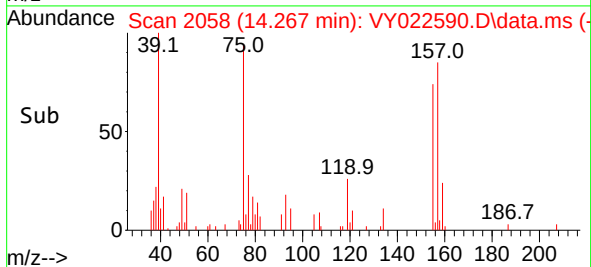
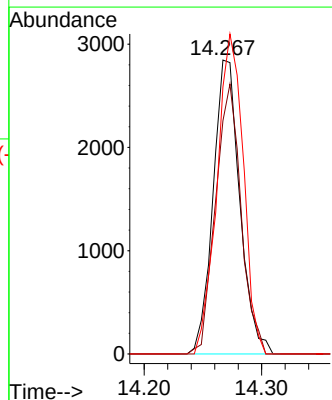
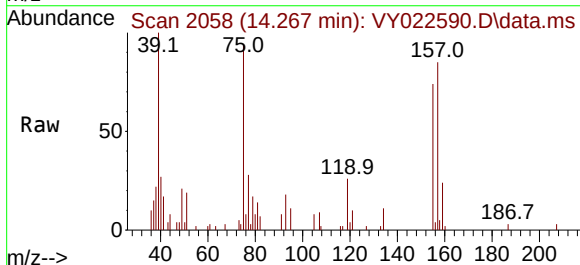
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

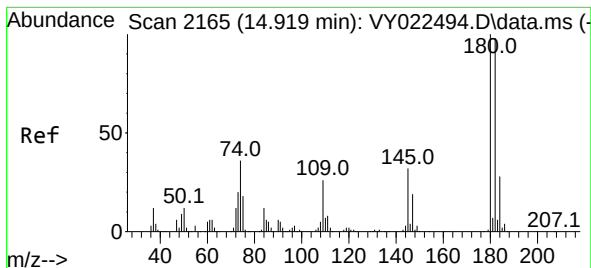
Tgt Ion:146 Resp: 69139
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.6
148 63.1 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.543 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion: 75 Resp: 4511
Ion Ratio Lower Upper
75 100
155 87.5 39.9 119.6
157 107.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.260 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

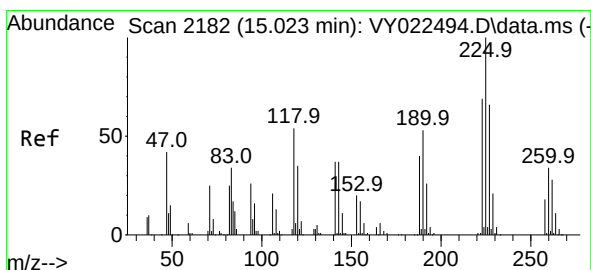
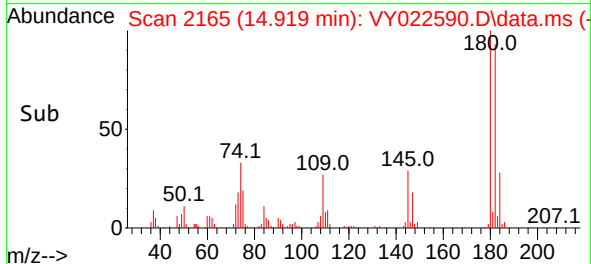
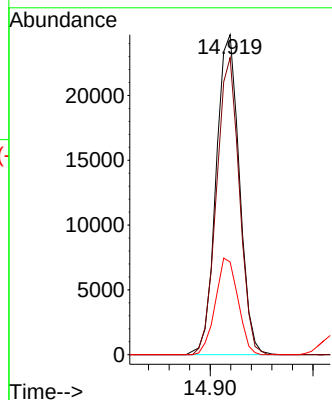
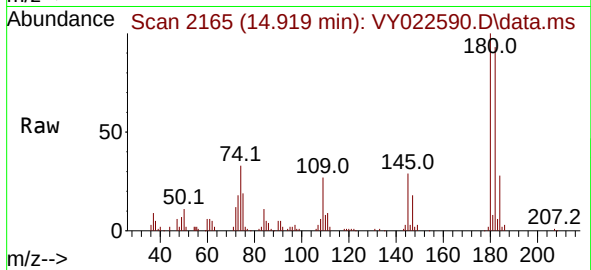
Tgt Ion:180 Resp: 38679

Ion Ratio Lower Upper

180 100

182 91.3 48.4 145.3

145 29.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.063 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022590.D

Acq: 06 Jun 2025 10:59

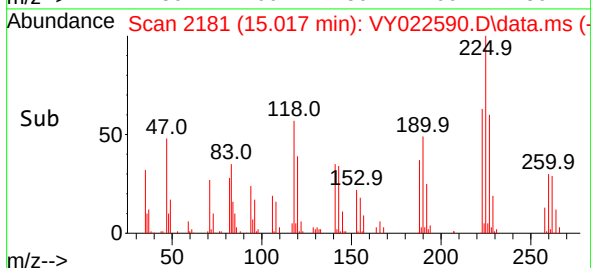
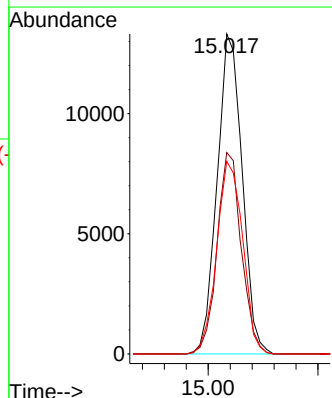
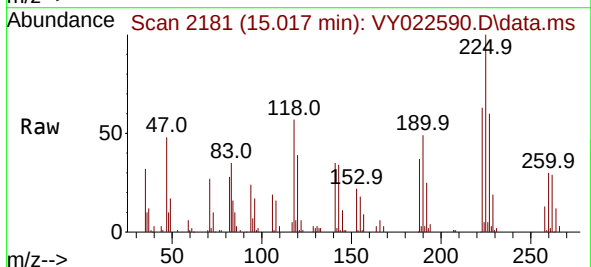
Tgt Ion:225 Resp: 21151

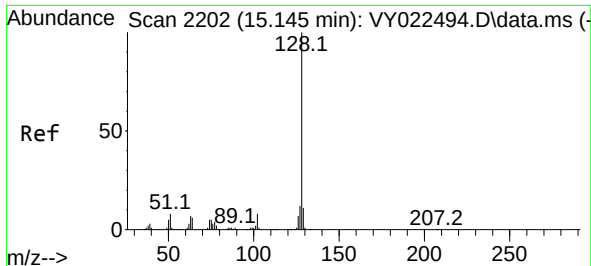
Ion Ratio Lower Upper

225 100

223 60.9 32.5 97.4

227 62.6 32.3 96.9

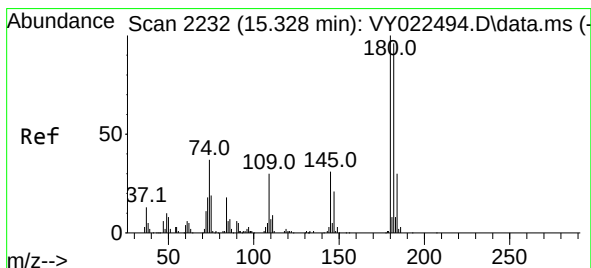
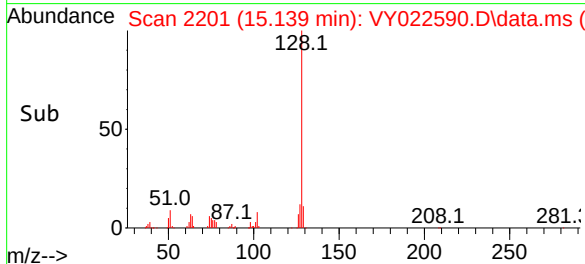
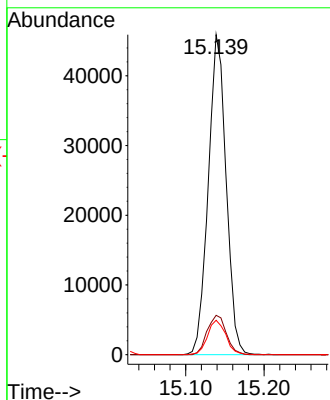
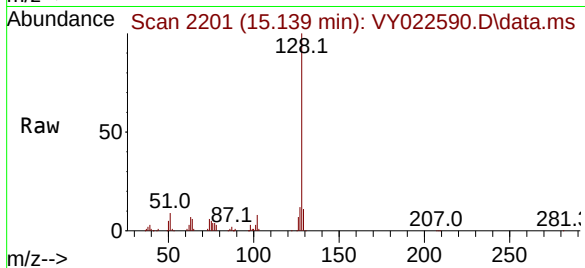




#95
Naphthalene
Concen: 20.822 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBSD01

Tgt Ion:128 Resp: 72698
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.329 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022590.D
Acq: 06 Jun 2025 10:59

Tgt Ion:180 Resp: 33257
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.3
145 31.7 15.2 45.6

