

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022616.D
 Acq On : 09 Jun 2025 09:28
 Operator : SY/MD
 Sample : VY0609SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 01:24:07 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	7.713	168	180330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	313534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	264373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	124130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	105864	52.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.980%	
35) Dibromofluoromethane	7.640	113	98620	52.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.400%	
50) Toluene-d8	10.109	98	393652	52.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.407	95	114274	50.721	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	35503	21.990	ug/l	99
3) Chloromethane	2.074	50	90908	19.060	ug/l	100
4) Vinyl Chloride	2.208	62	123940	22.400	ug/l	98
5) Bromomethane	2.592	94	115187	21.720	ug/l	99
6) Chloroethane	2.738	64	87572	23.058	ug/l	95
7) Trichlorofluoromethane	3.055	101	110292	23.480	ug/l	96
8) Diethyl Ether	3.458	74	21745	20.556	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.817	101	42792	21.630	ug/l	98
10) Methyl Iodide	4.006	142	38804	18.125	ug/l	97
11) Tert butyl alcohol	4.866	59	14635	101.594	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	41730	22.067	ug/l	97
13) Acrolein	3.653	56	15642	87.129	ug/l	99
14) Allyl chloride	4.384	41	64163	21.613	ug/l	99
15) Acrylonitrile	5.067	53	46848	104.569	ug/l	98
16) Acetone	3.872	43	51239	125.095	ug/l	95
17) Carbon Disulfide	4.110	76	127260	21.020	ug/l	97
18) Methyl Acetate	4.390	43	25133	20.721	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	110677	20.779	ug/l	98
20) Methylene Chloride	4.616	84	47551	20.437	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	46132	21.797	ug/l	95
22) Diisopropyl ether	6.024	45	140699	21.292	ug/l	97
23) Vinyl Acetate	5.963	43	403100	103.065	ug/l	98
24) 1,1-Dichloroethane	5.921	63	85365	21.928	ug/l	97
25) 2-Butanone	6.896	43	66718	112.923	ug/l	97
26) 2,2-Dichloropropane	6.890	77	75331	21.901	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	53567	21.897	ug/l	97
28) Bromochloromethane	7.250	49	36606	21.572	ug/l	98
29) Tetrahydrofuran	7.268	42	39403	103.402	ug/l	98
30) Chloroform	7.426	83	85448	22.160	ug/l	100
31) Cyclohexane	7.707	56	79320	20.467	ug/l	95
32) 1,1,1-Trichloroethane	7.621	97	76514	22.353	ug/l	98
36) 1,1-Dichloropropene	7.841	75	63681	20.966	ug/l	99
37) Ethyl Acetate	6.987	43	28688	21.180	ug/l	98
38) Carbon Tetrachloride	7.823	117	65820	21.124	ug/l	95
39) Methylcyclohexane	9.109	83	81709	20.018	ug/l	97
40) Benzene	8.085	78	192373	21.444	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	14327	18.109	ug/l	92
42) 1,2-Dichloroethane	8.164	62	52610	21.478	ug/l	99
43) Isopropyl Acetate	8.201	43	56862	19.438	ug/l	99
44) Trichloroethene	8.865	130	46540	21.226	ug/l	99
45) 1,2-Dichloropropane	9.146	63	45850	21.626	ug/l	100
46) Dibromomethane	9.237	93	24874	20.854	ug/l	99
47) Bromodichloromethane	9.426	83	63596	21.027	ug/l	95
48) Methyl methacrylate	9.225	41	26953	19.632	ug/l	97
49) 1,4-Dioxane	9.231	88	5644	399.413	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	143878	98.649	ug/l	97
52) Toluene	10.176	92	116028	20.581	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	58736	20.727	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	69134	20.958	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	32118	21.117	ug/l	97
56) Ethyl methacrylate	10.444	69	43697	19.878	ug/l	99
57) 1,3-Dichloropropane	10.718	76	56798	21.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	101189	101.387	ug/l	98
59) 2-Hexanone	10.761	43	97755	100.218	ug/l	99
60) Dibromochloromethane	10.914	129	38794	20.071	ug/l	98
61) 1,2-Dibromoethane	11.017	107	28238	20.370	ug/l	98
64) Tetrachloroethene	10.651	164	48985	21.540	ug/l	98
65) Chlorobenzene	11.444	112	119518	20.430	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	40545	20.573	ug/l	99
67) Ethyl Benzene	11.523	91	220283	20.301	ug/l	99
68) m/p-Xylenes	11.633	106	165869	40.323	ug/l	99
69) o-Xylene	11.956	106	78668	20.398	ug/l	100
70) Styrene	11.974	104	128445	20.148	ug/l	100
71) Bromoform	12.139	173	21089	20.109	ug/l #	100
73) Isopropylbenzene	12.255	105	204424	20.059	ug/l	99
74) N-amyl acetate	12.072	43	49430	19.223	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33366	19.948	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	46877	33.010	ug/l #	100
77) Bromobenzene	12.535	156	42084	19.569	ug/l	96
78) n-propylbenzene	12.596	91	252911	20.319	ug/l	99
79) 2-Chlorotoluene	12.682	91	132324	20.058	ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	160845	20.103	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	11565	19.667	ug/l	98
82) 4-Chlorotoluene	12.779	91	135295	19.880	ug/l	96
83) tert-Butylbenzene	12.999	119	144732	20.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	157518	19.684	ug/l	97
85) sec-Butylbenzene	13.175	105	222292	20.212	ug/l	100
86) p-Isopropyltoluene	13.291	119	179945	19.850	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	85983	19.733	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	84675	20.036	ug/l	97
89) n-Butylbenzene	13.620	91	176487	20.520	ug/l	98
90) Hexachloroethane	13.883	117	36848	20.879	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	76583	20.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5282	21.690	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	42424	21.026	ug/l	95
94) Hexachlorobutadiene	15.029	225	22789	20.464	ug/l	99
95) Naphthalene	15.151	128	72959	18.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.333	180	36781	21.271	ug/l	99

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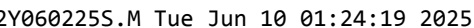
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

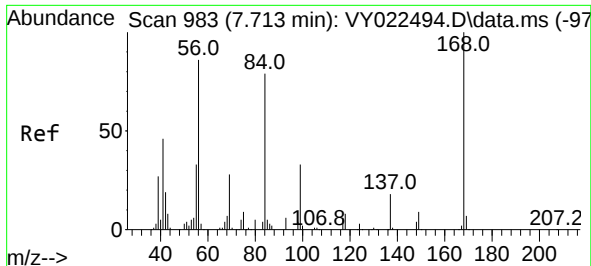
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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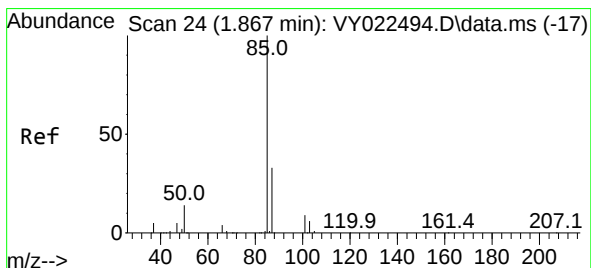
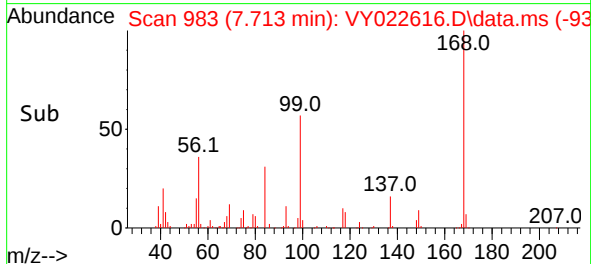
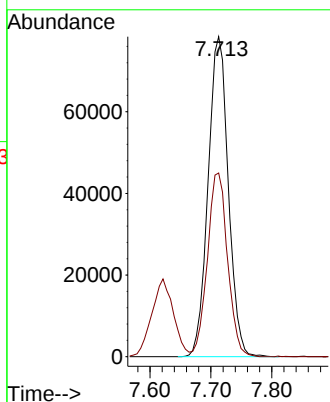
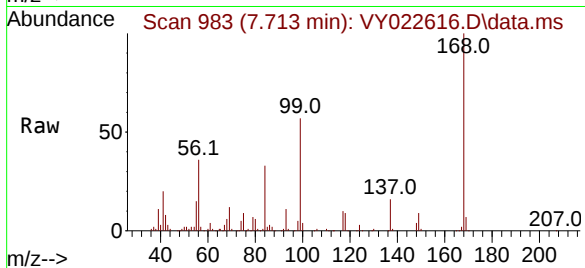




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022616.D
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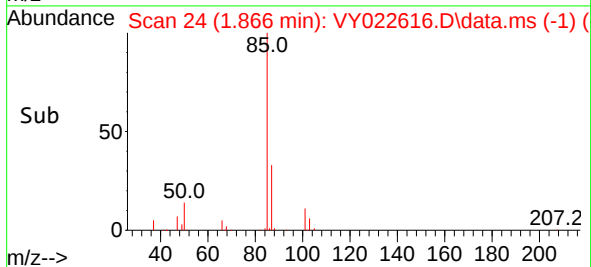
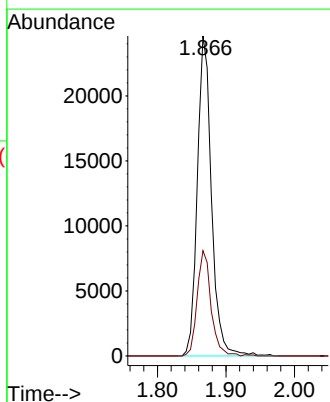
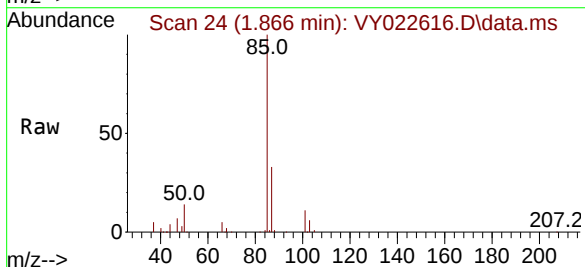
Instrument :
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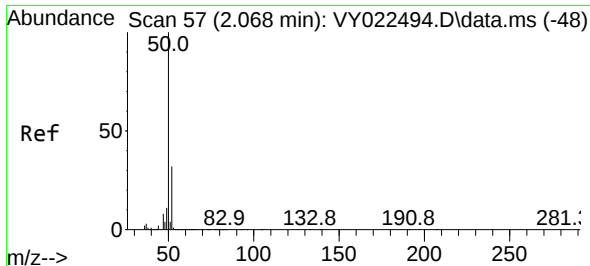
Tgt Ion:168 Resp: 180330
Ion Ratio Lower Upper
168 100
99 57.2 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.990 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 85 Resp: 35503
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.0

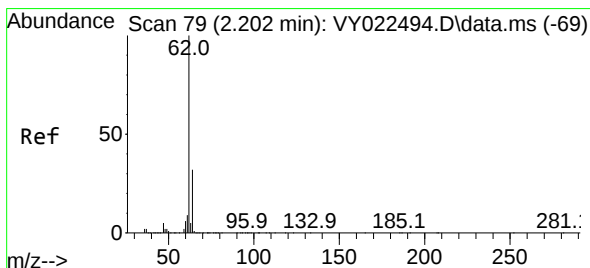
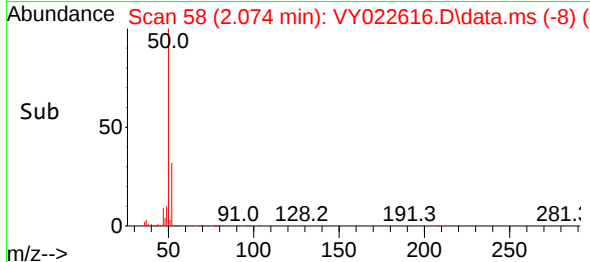
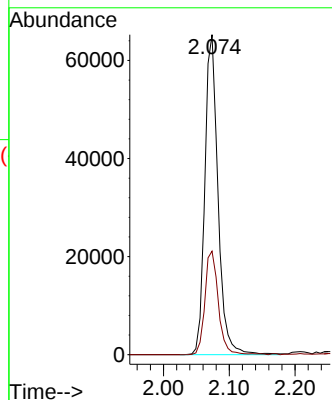
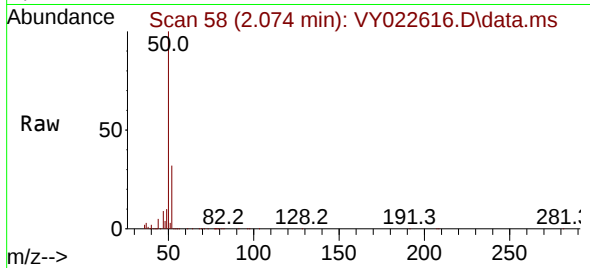




#3
Chloromethane
Concen: 19.060 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

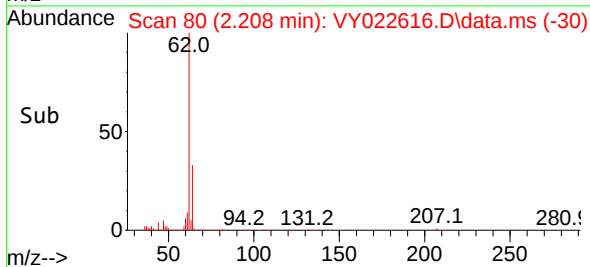
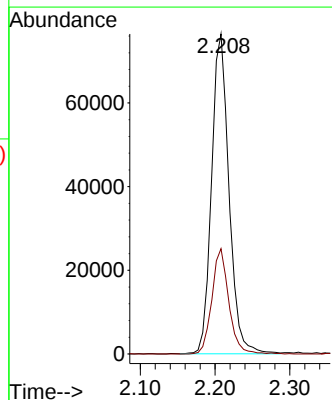
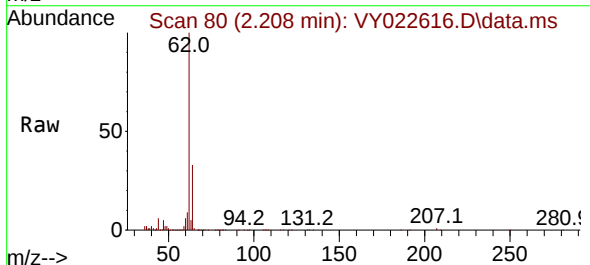
Instrument :
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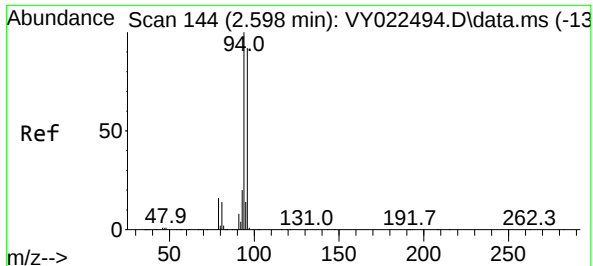
Tgt Ion: 50 Resp: 90908
Ion Ratio Lower Upper
50 100
52 32.3 26.0 39.0



#4
Vinyl Chloride
Concen: 22.400 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 62 Resp: 123940
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9

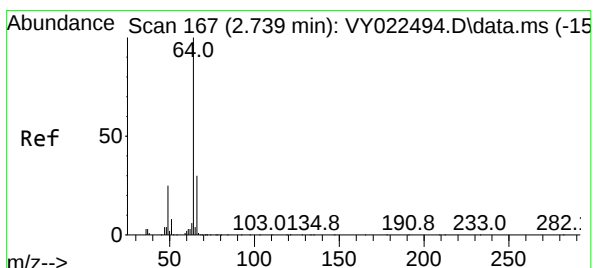
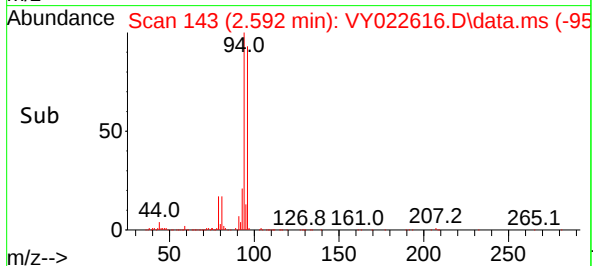
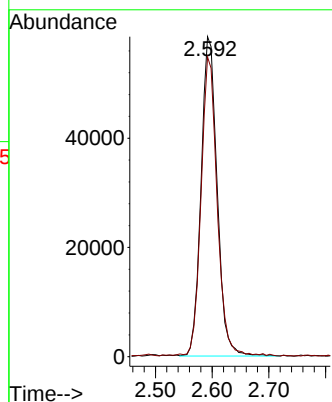
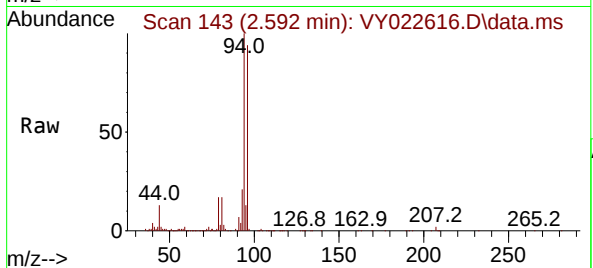




#5
Bromomethane
Concen: 21.720 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.007 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

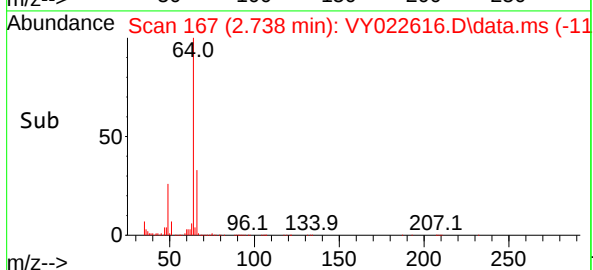
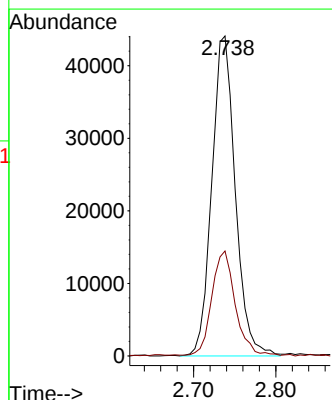
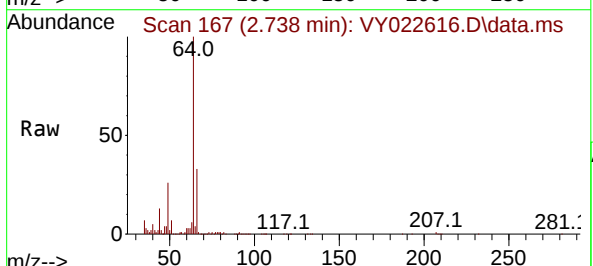
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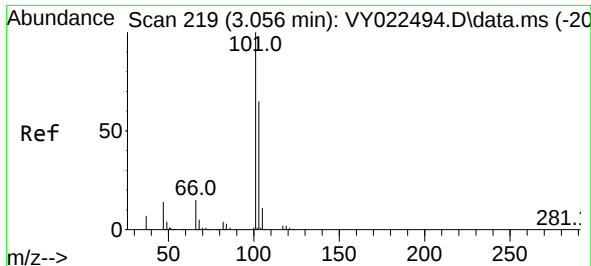
Tgt Ion: 94 Resp: 115187
Ion Ratio Lower Upper
94 100
96 93.6 74.0 111.0



#6
Chloroethane
Concen: 23.058 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 64 Resp: 87572
Ion Ratio Lower Upper
64 100
66 32.6 23.8 35.6

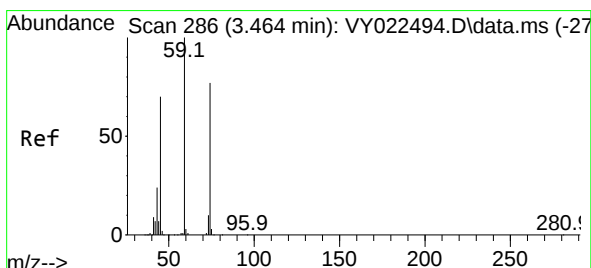
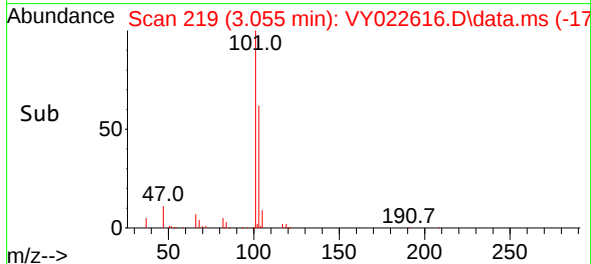
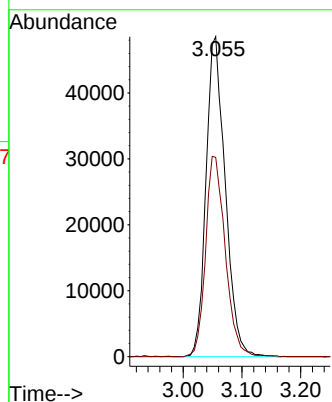
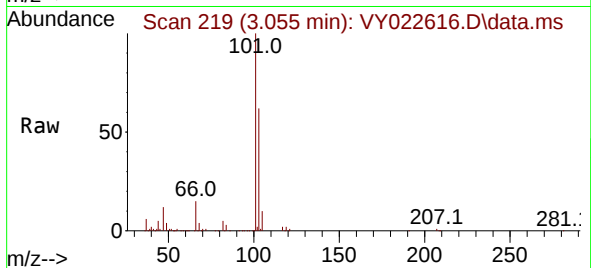




#7
Trichlorofluoromethane
Concen: 23.480 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

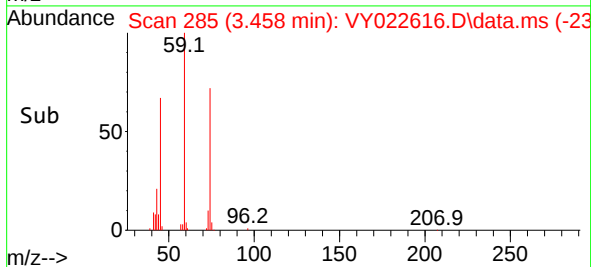
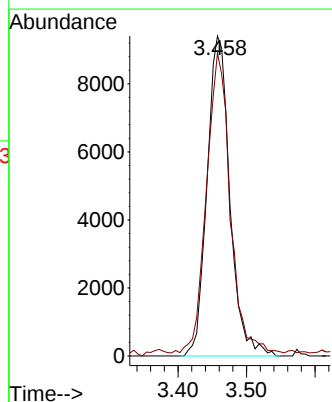
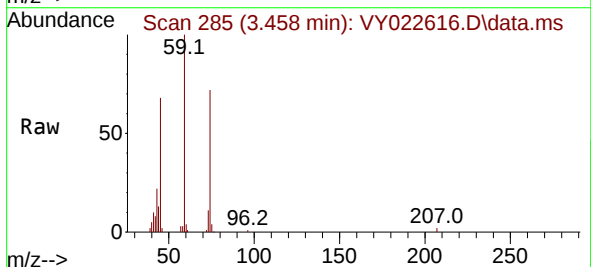
Instrument :
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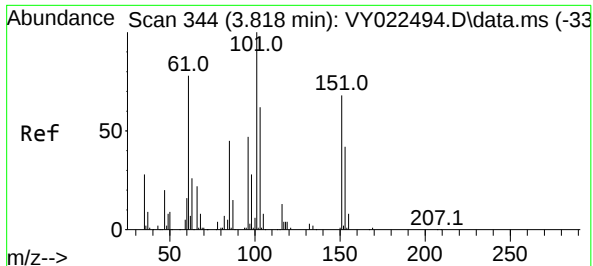
Tgt Ion:101 Resp: 110292
Ion Ratio Lower Upper
101 100
103 62.3 52.2 78.2



#8
Diethyl Ether
Concen: 20.556 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.007 min
Lab File: VY022616.D
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Tgt Ion: 74 Resp: 21745
Ion Ratio Lower Upper
74 100
45 98.3 45.9 137.6

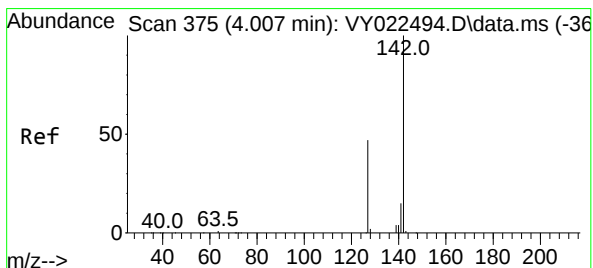
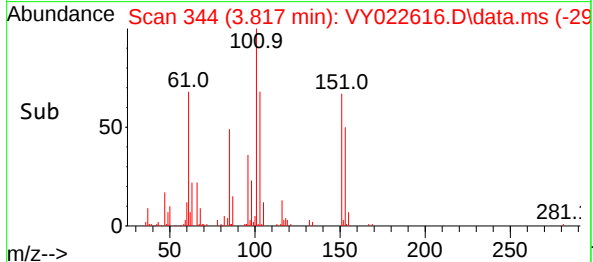
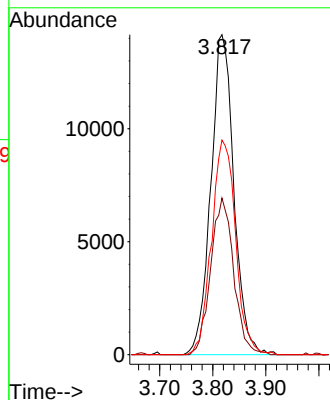
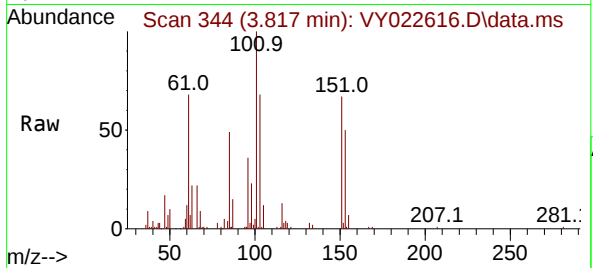




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.630 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

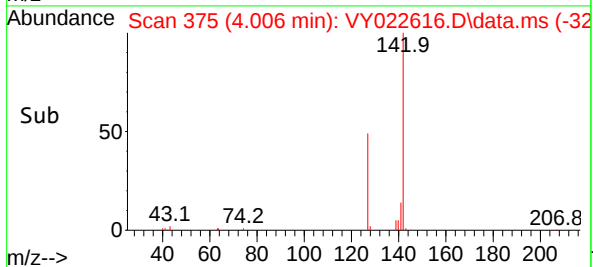
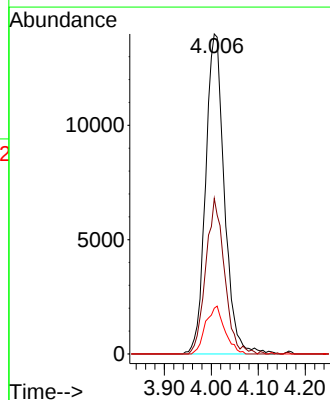
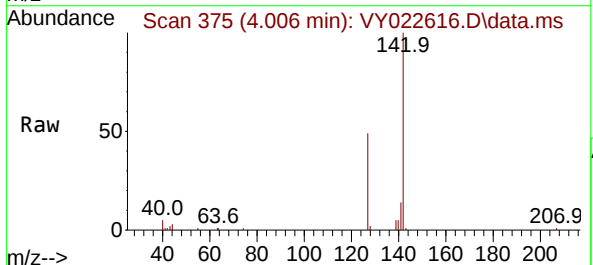
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

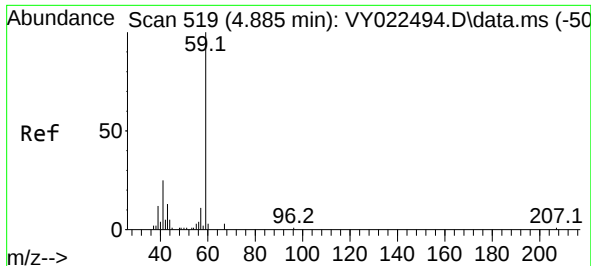
Tgt Ion:101 Resp: 42792
Ion Ratio Lower Upper
101 100
85 48.9 39.3 58.9
151 70.3 57.8 86.8



#10
Methyl Iodide
Concen: 18.125 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion:142 Resp: 38804
Ion Ratio Lower Upper
142 100
127 48.4 37.1 55.7
141 15.3 11.4 17.2

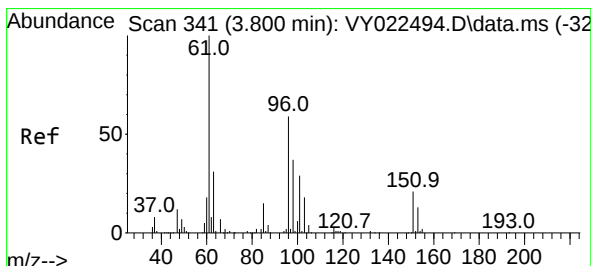
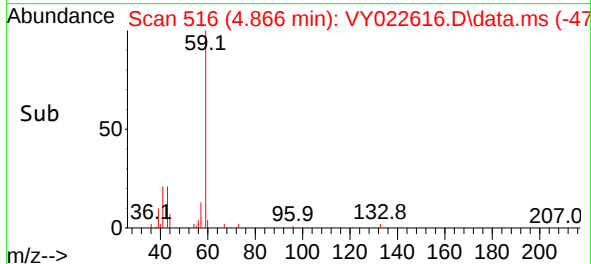
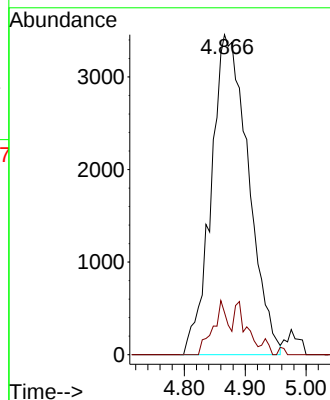
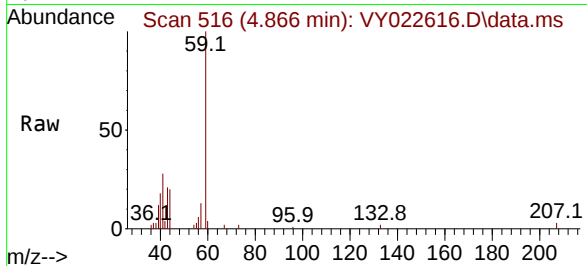




#11
Tert butyl alcohol
Concen: 101.594 ug/l
RT: 4.866 min Scan# 519
Delta R.T. -0.019 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

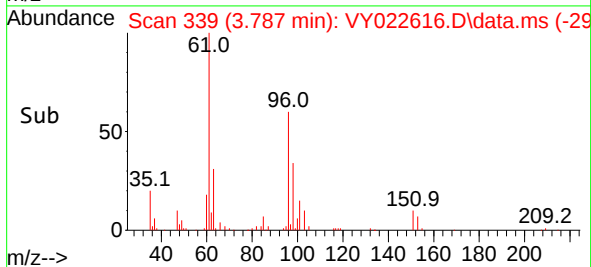
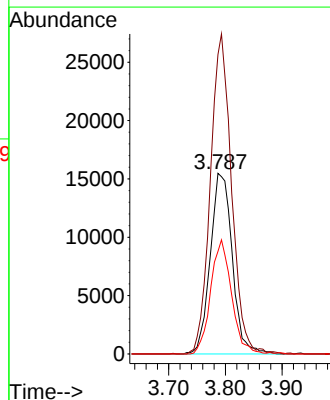
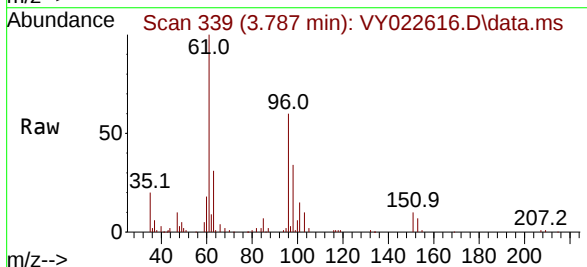
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

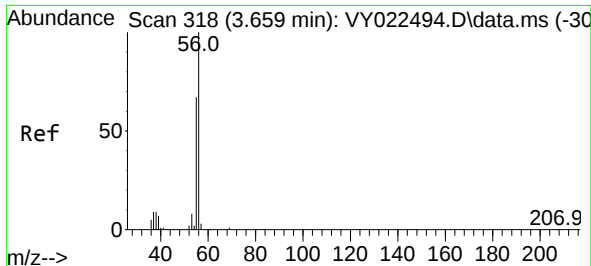
Tgt Ion: 59 Resp: 14635
Ion Ratio Lower Upper
59 100
57 6.9 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 22.067 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.013 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 96 Resp: 41730
Ion Ratio Lower Upper
96 100
61 165.8 134.6 201.8
98 56.8 50.2 75.4





#13

Acrolein

Concen: 87.129 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.007 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

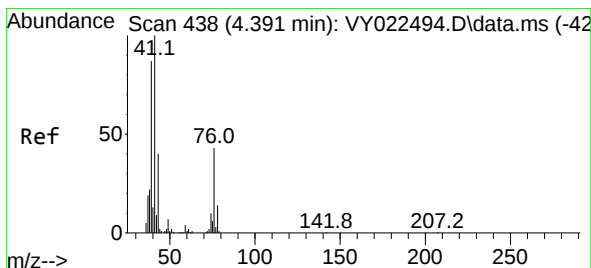
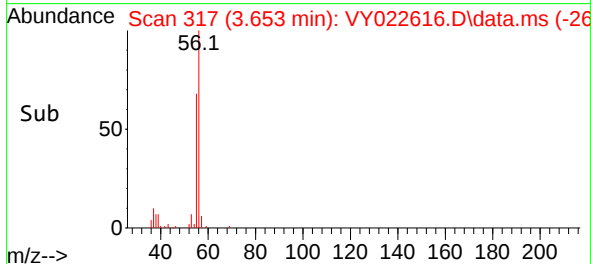
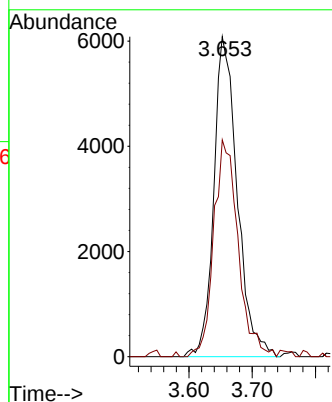
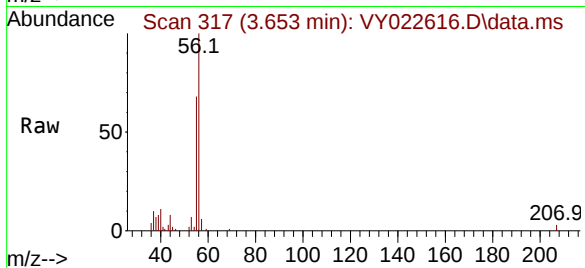
VY0609SBS01

Tgt Ion: 56 Resp: 15642

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.6



#14

Allyl chloride

Concen: 21.613 ug/l

RT: 4.384 min Scan# 437

Delta R.T. -0.007 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

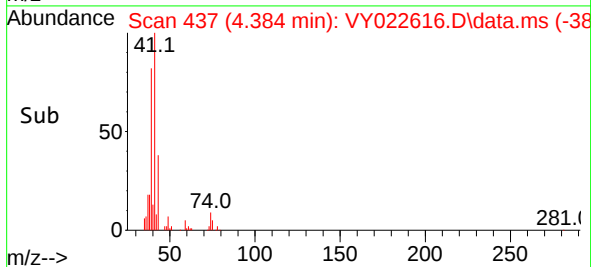
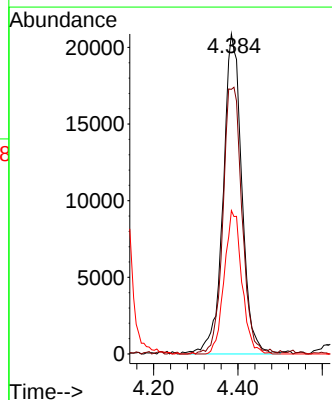
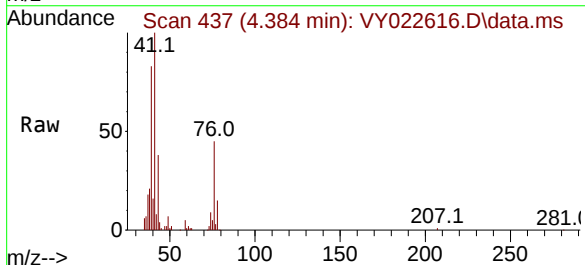
Tgt Ion: 41 Resp: 64163

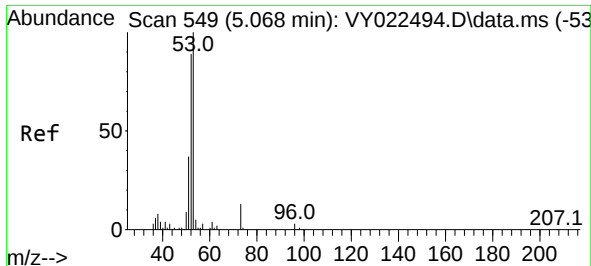
Ion Ratio Lower Upper

41 100

39 85.1 69.1 103.7

76 42.1 33.5 50.3

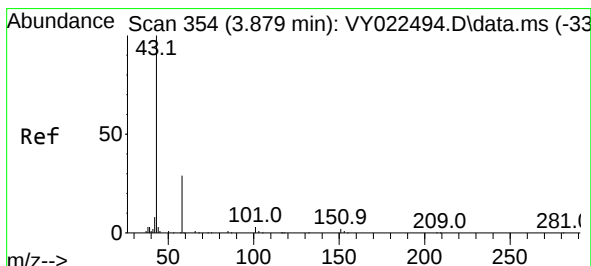
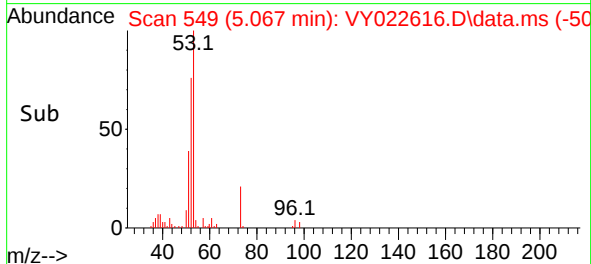
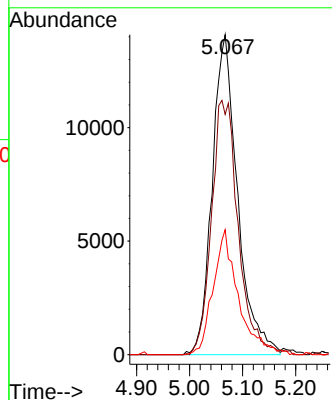
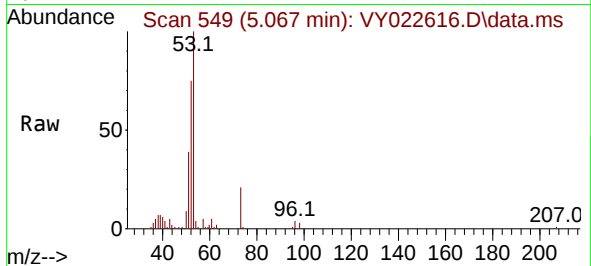




#15
Acrylonitrile
Concen: 104.569 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

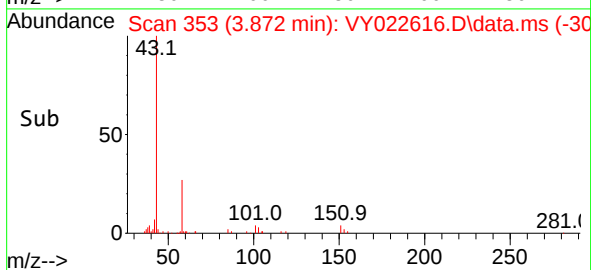
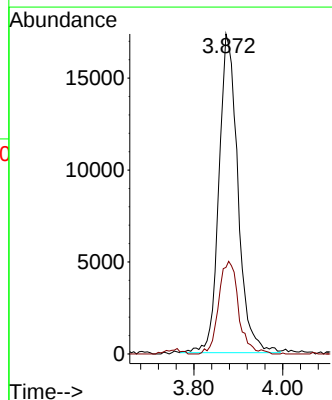
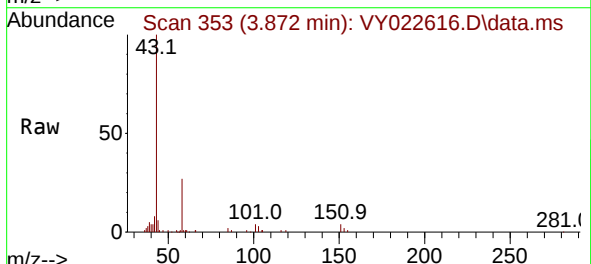
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

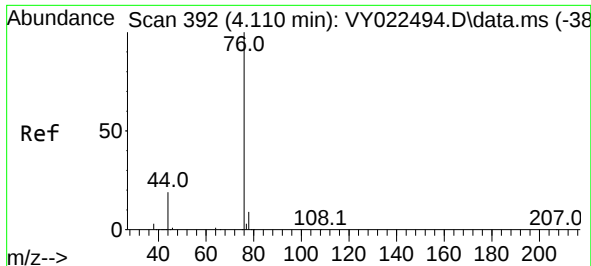
Tgt Ion: 53	Resp: 46848
Ion Ratio	Lower Upper
53 100	
52 83.4	65.7 98.5
51 39.1	30.1 45.1



#16
Acetone
Concen: 125.095 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 43	Resp: 51239
Ion Ratio	Lower Upper
43 100	
58 27.2	24.0 36.0

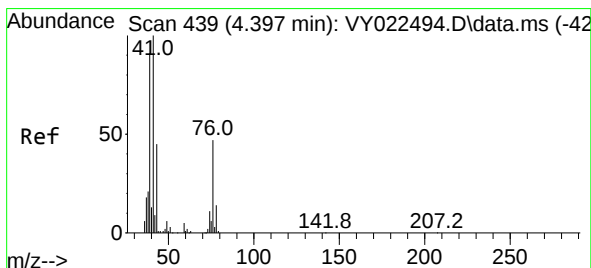
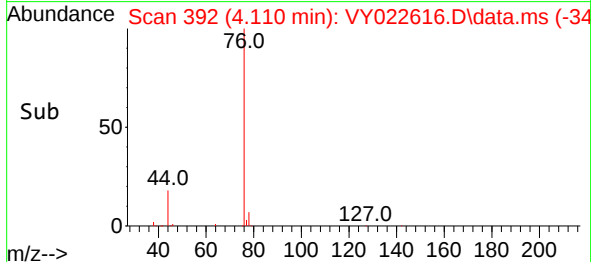
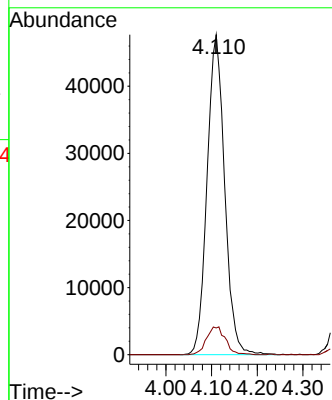
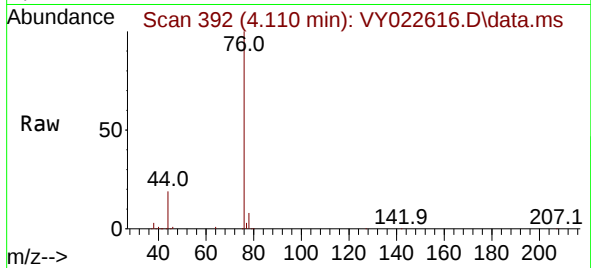




#17
Carbon Disulfide
Concen: 21.020 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

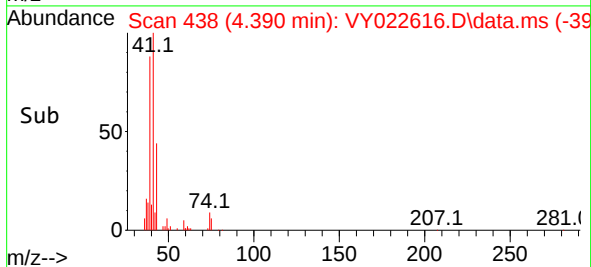
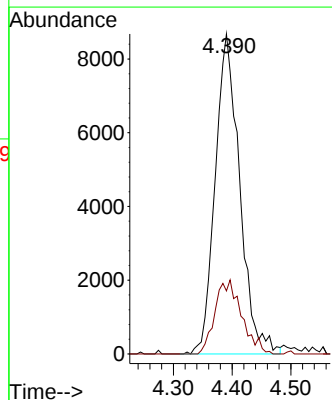
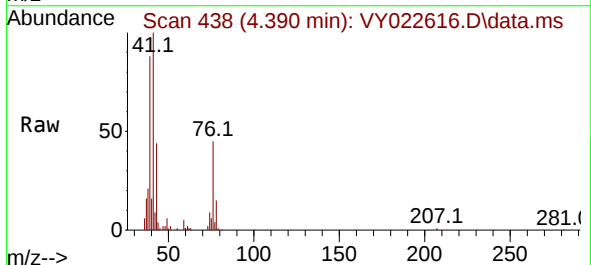
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

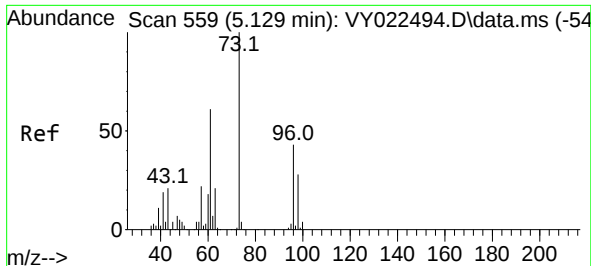
Tgt Ion: 76 Resp: 127260
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 20.721 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.007 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 43 Resp: 25133
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6

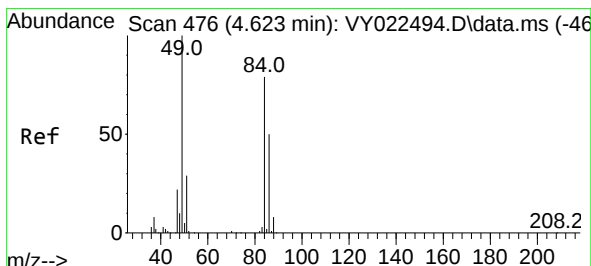
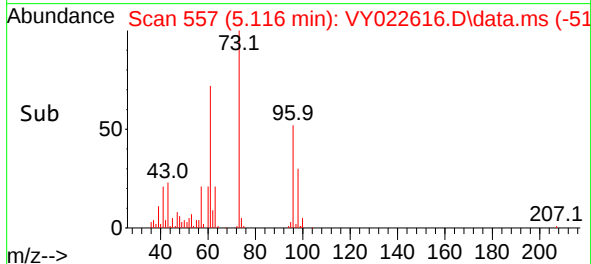
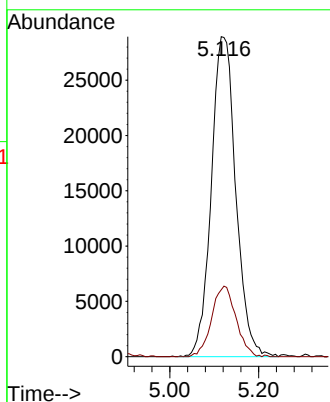
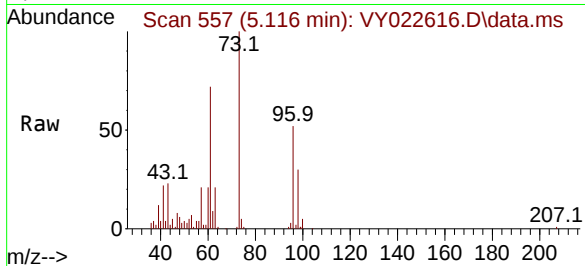




#19
Methyl tert-butyl Ether
Concen: 20.779 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

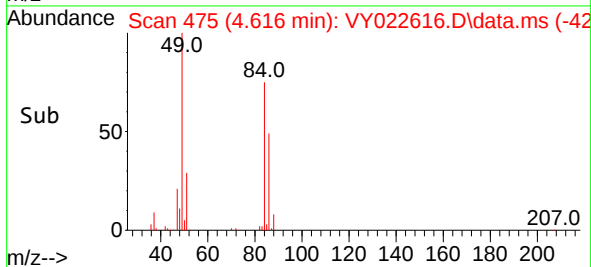
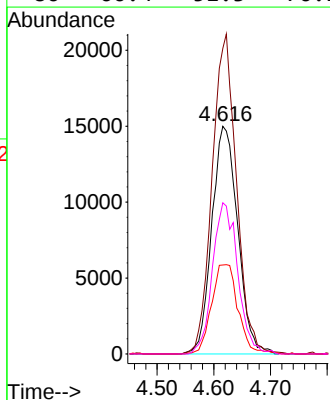
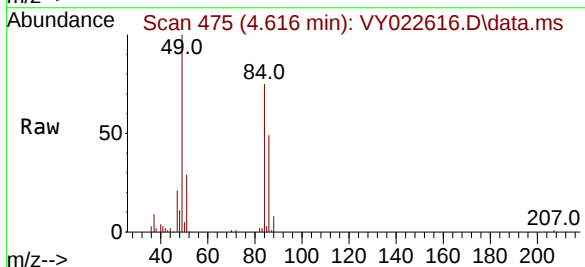
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

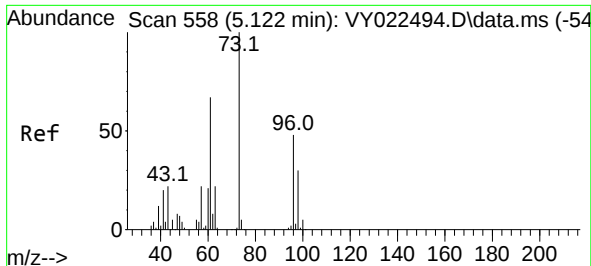
Tgt Ion: 73 Resp: 110677
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 20.437 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.007 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 84 Resp: 47551
Ion Ratio Lower Upper
84 100
49 134.2 101.9 152.9
51 39.1 29.8 44.8
86 66.4 51.3 76.9

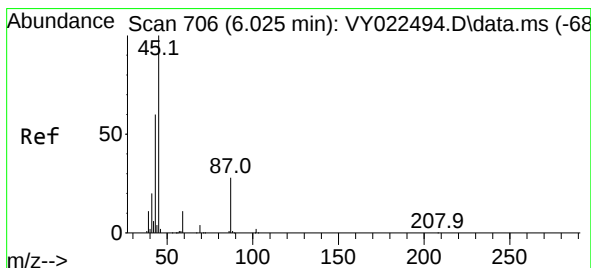
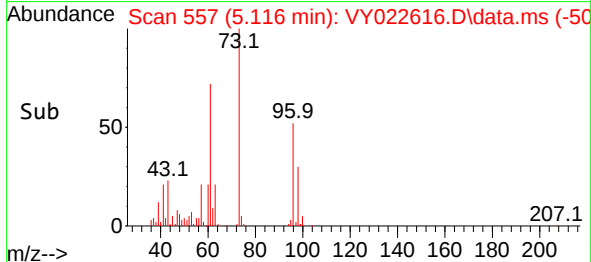
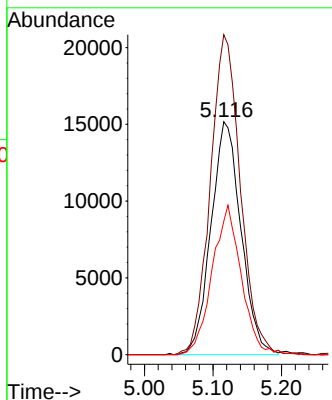
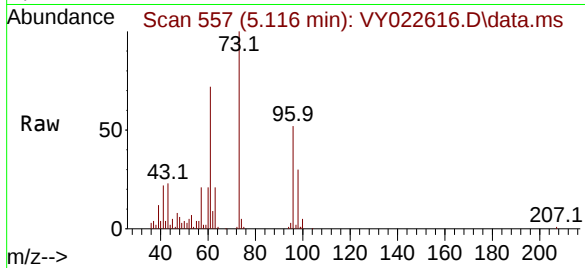




#21
trans-1,2-Dichloroethene
Concen: 21.797 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.007 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

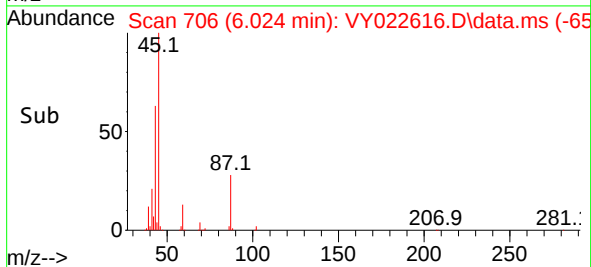
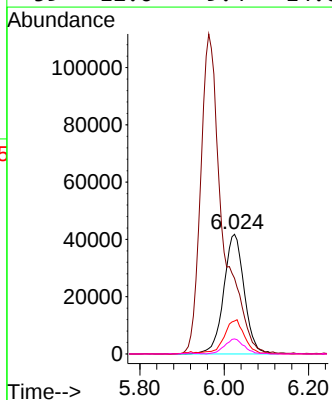
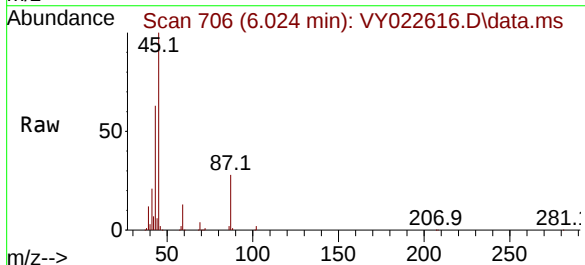
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

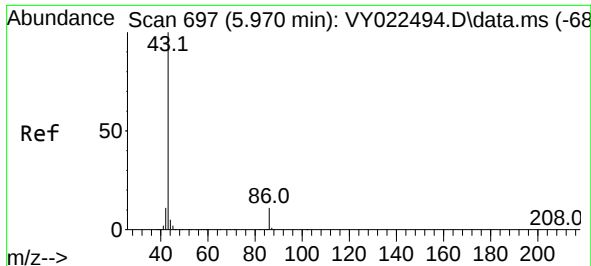
Tgt Ion: 96 Resp: 46132
Ion Ratio Lower Upper
96 100
61 136.7 112.6 169.0
98 57.2 50.6 75.8



#22
Diisopropyl ether
Concen: 21.292 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 45 Resp: 140699
Ion Ratio Lower Upper
45 100
43 63.0 48.3 72.5
87 27.3 23.0 34.6
59 12.6 9.4 14.0

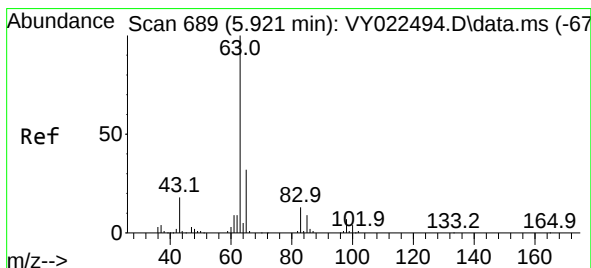
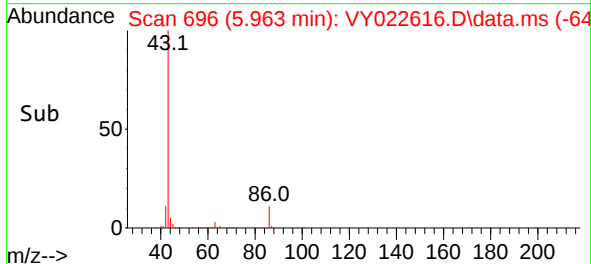
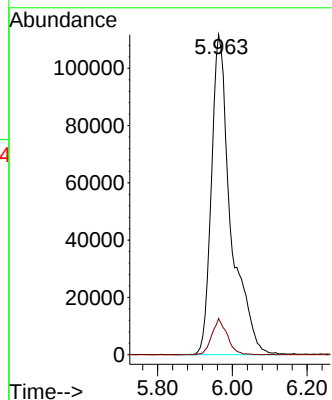
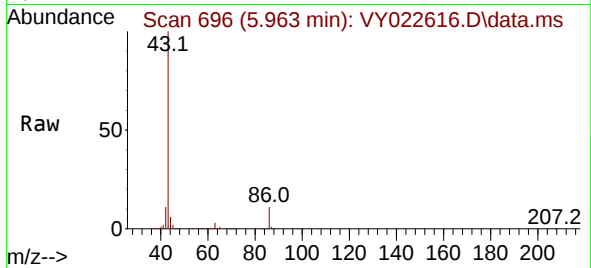




#23
 Vinyl Acetate
 Concen: 103.065 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.007 min
 Lab File: VY022616.D
 Acq: 09 Jun 2025 09:28

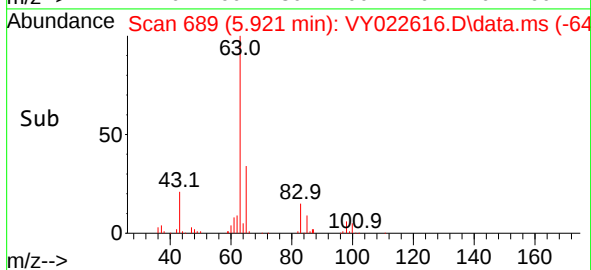
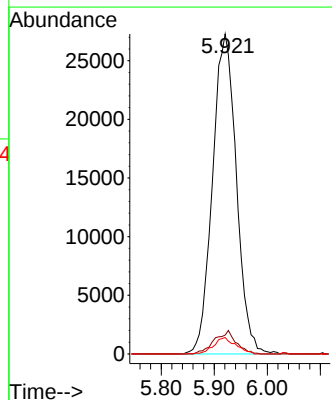
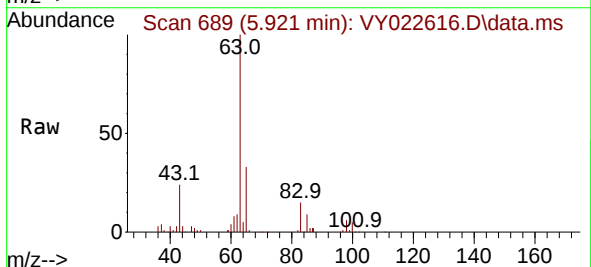
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

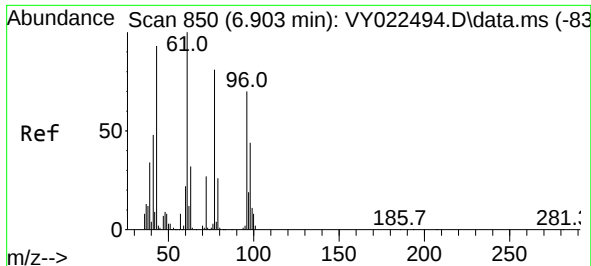
Tgt Ion: 43 Resp: 403100
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.928 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.001 min
 Lab File: VY022616.D
 Acq: 09 Jun 2025 09:28

Tgt Ion: 63 Resp: 85365
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.1
 100 5.2 2.1 6.3





#25

2-Butanone

Concen: 112.923 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.007 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

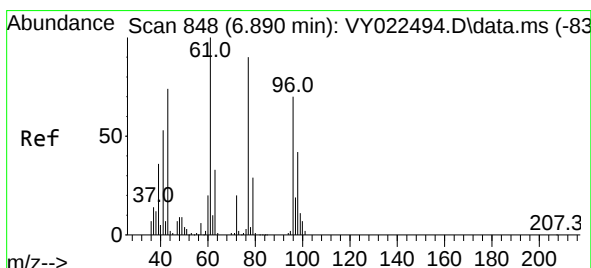
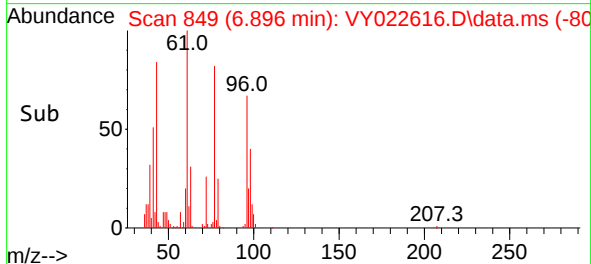
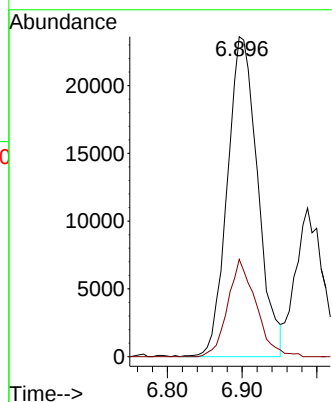
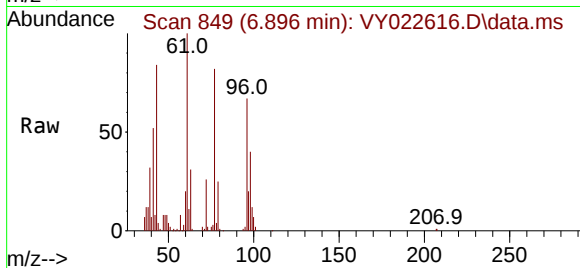
VY0609SBS01

Tgt Ion: 43 Resp: 66718

Ion Ratio Lower Upper

43 100

72 30.4 22.9 34.3



#26

2,2-Dichloropropane

Concen: 21.901 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.001 min

Lab File: VY022616.D

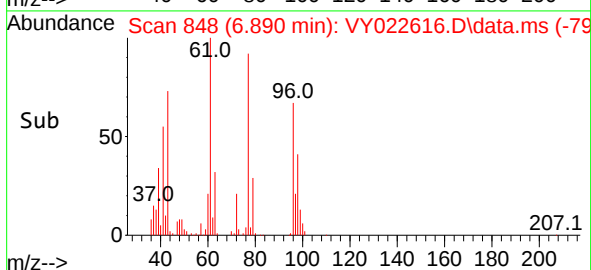
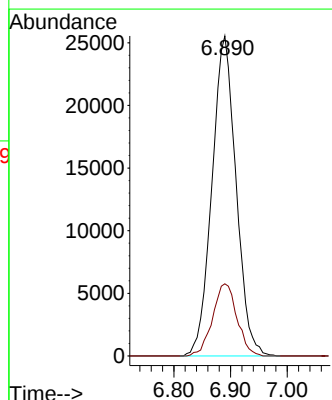
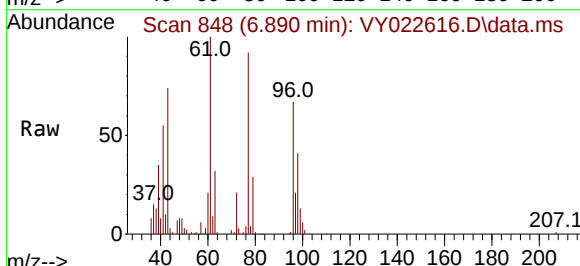
Acq: 09 Jun 2025 09:28

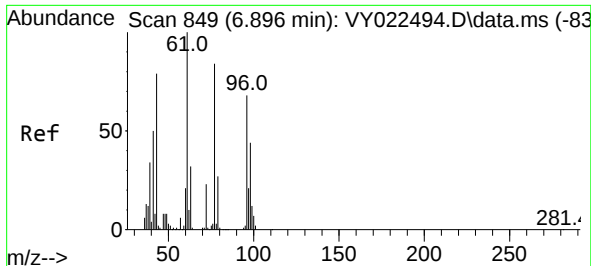
Tgt Ion: 77 Resp: 75331

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.897 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

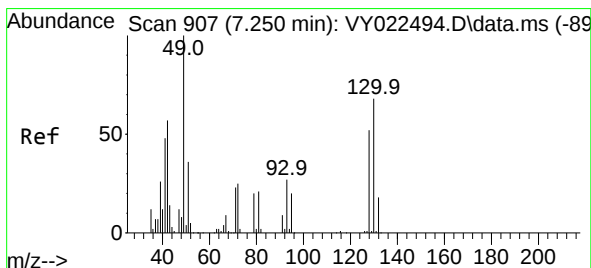
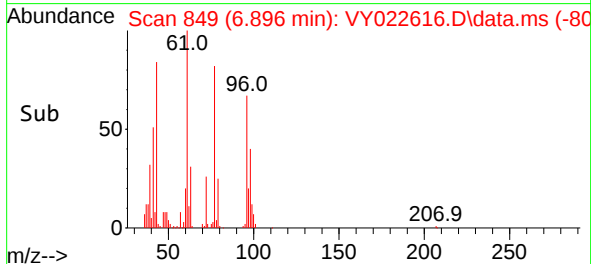
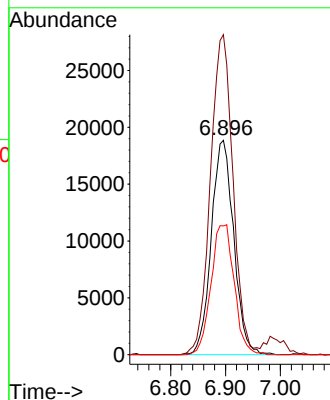
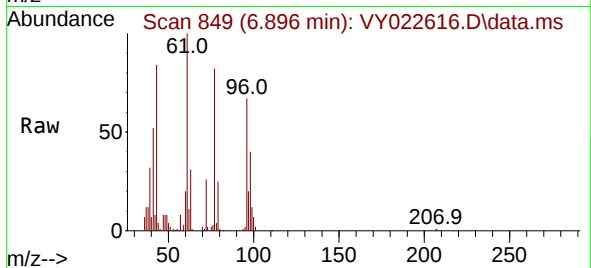
Tgt Ion: 96 Resp: 53567

Ion Ratio Lower Upper

96 100

61 149.2 0.0 290.0

98 62.6 0.0 128.4



#28

Bromochloromethane

Concen: 21.572 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

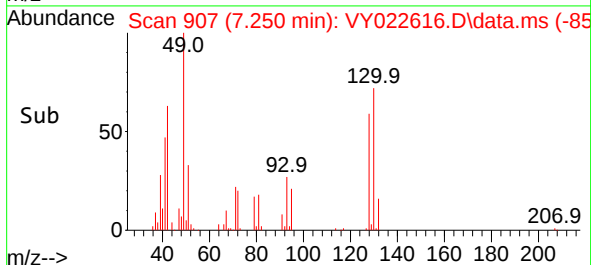
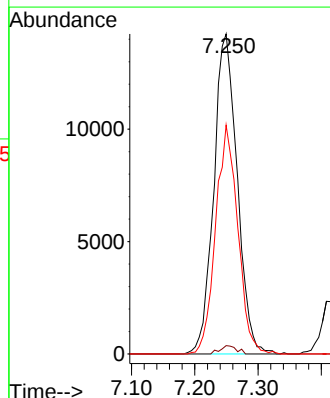
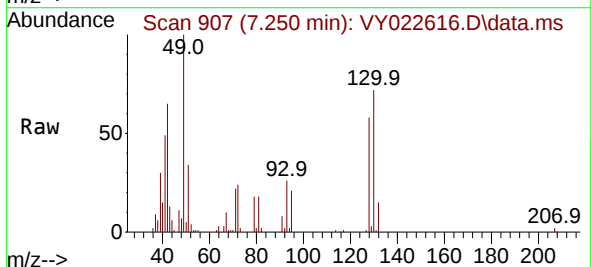
Tgt Ion: 49 Resp: 36606

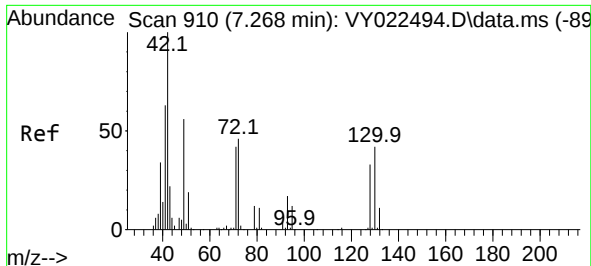
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 67.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 103.402 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

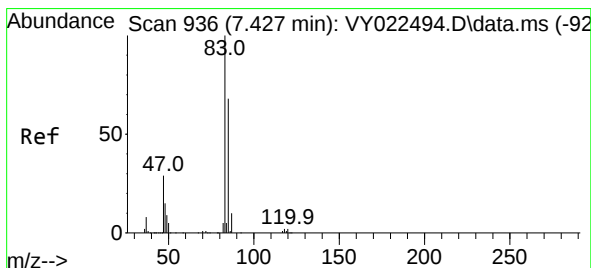
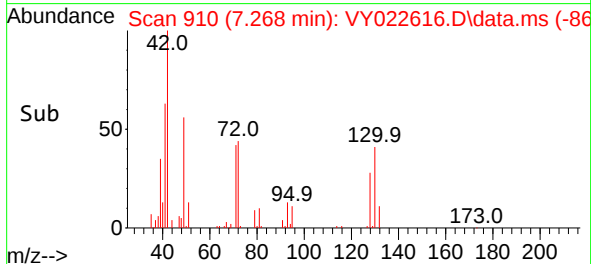
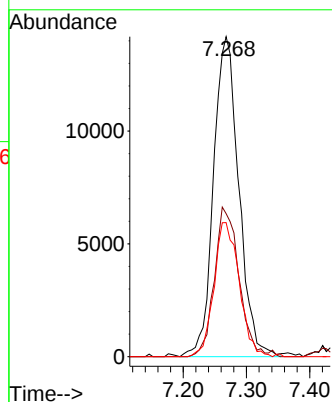
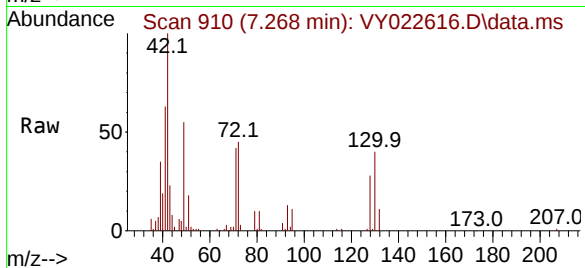
Tgt Ion: 42 Resp: 39403

Ion Ratio Lower Upper

42 100

72 45.5 37.4 56.2

71 41.7 34.2 51.2



#30

Chloroform

Concen: 22.160 ug/l

RT: 7.426 min Scan# 936

Delta R.T. -0.001 min

Lab File: VY022616.D

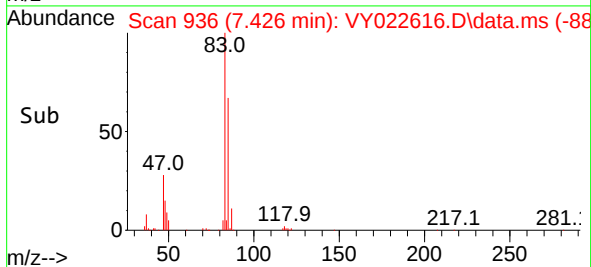
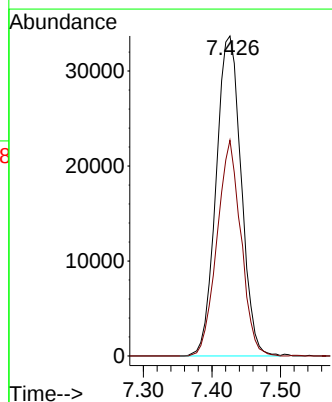
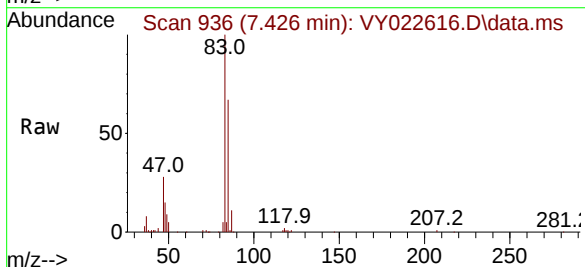
Acq: 09 Jun 2025 09:28

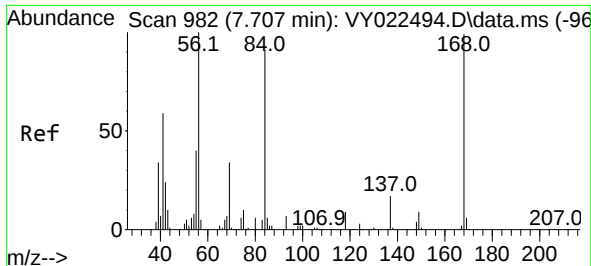
Tgt Ion: 83 Resp: 85448

Ion Ratio Lower Upper

83 100

85 67.4 54.2 81.4

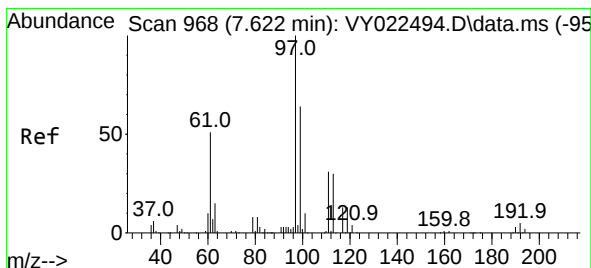
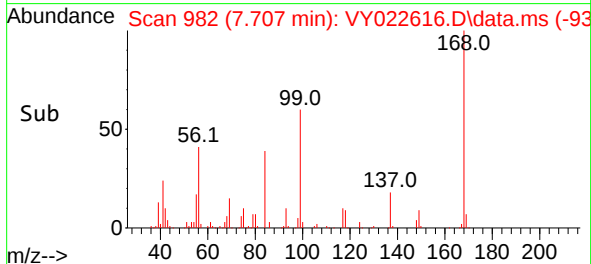
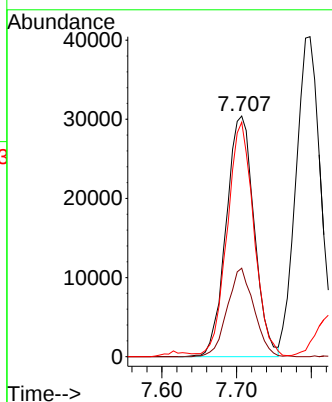
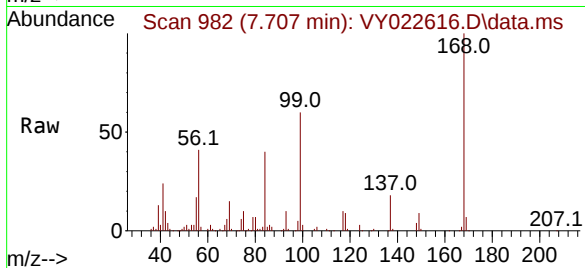




#31
Cyclohexane
Concen: 20.467 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

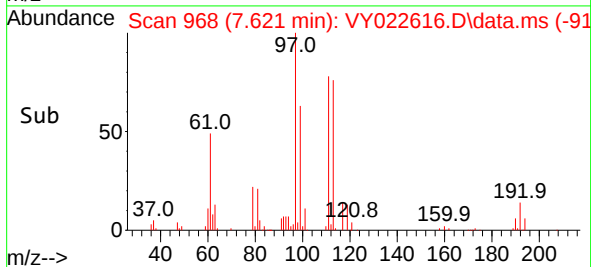
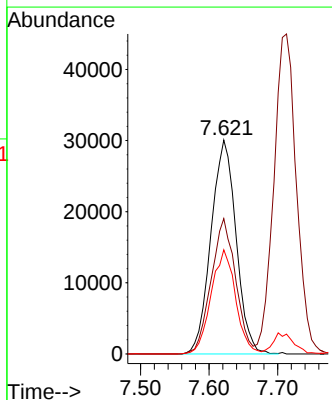
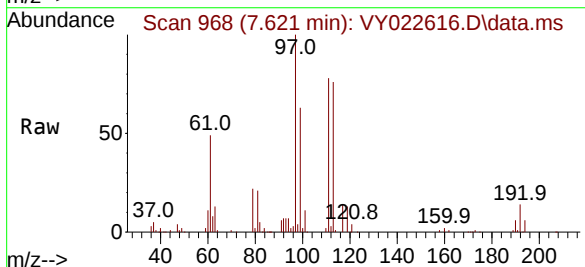
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

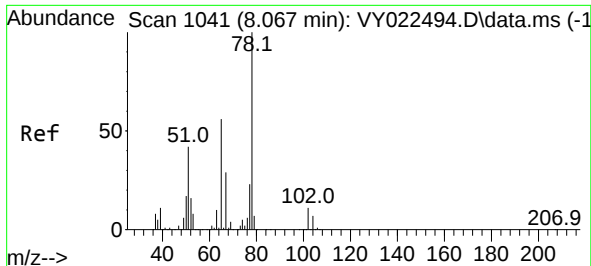
Tgt Ion: 56 Resp: 79320
Ion Ratio Lower Upper
56 100
69 36.8 27.0 40.6
84 95.9 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.353 ug/l
RT: 7.621 min Scan# 968
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 97 Resp: 76514
Ion Ratio Lower Upper
97 100
99 61.6 50.9 76.3
61 47.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 52.489 ug/l

RT: 8.066 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

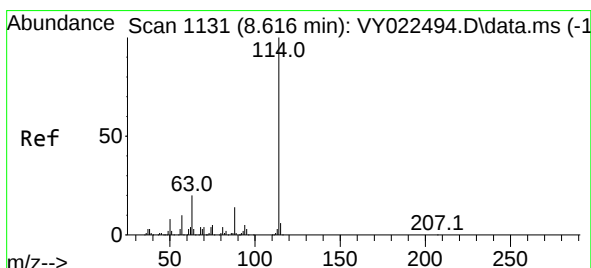
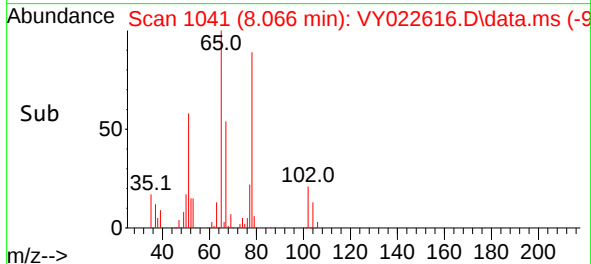
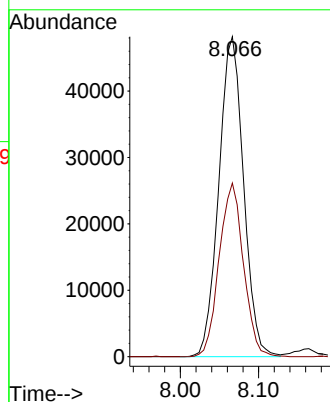
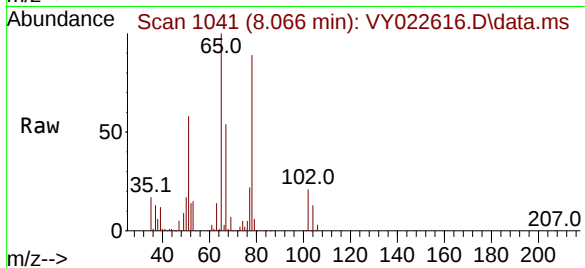
VY0609SBS01

Tgt Ion: 65 Resp: 105864

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

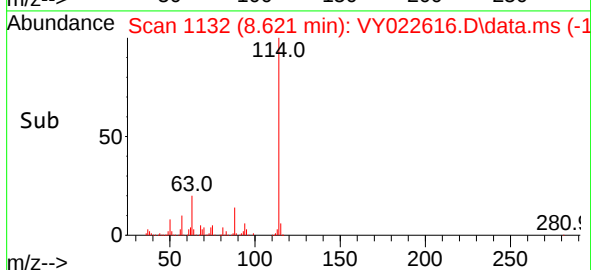
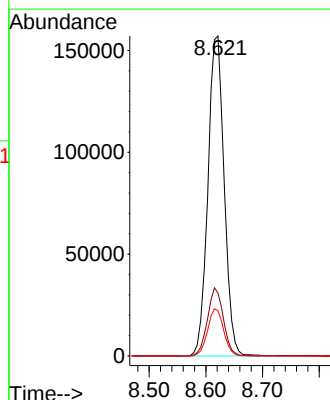
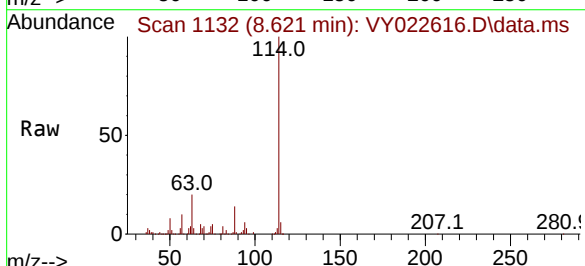
Tgt Ion:114 Resp: 313534

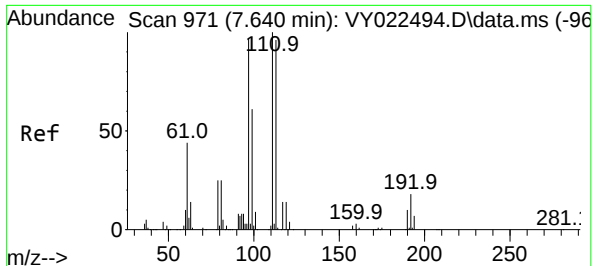
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 14.2 0.0 27.8

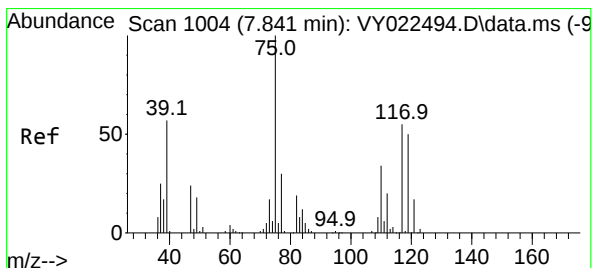
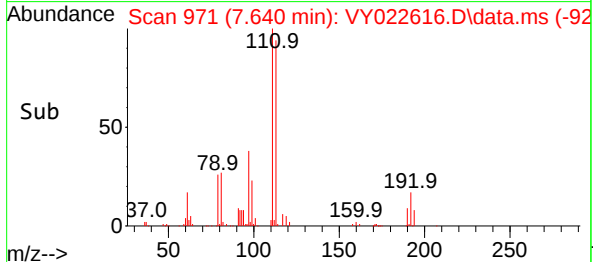
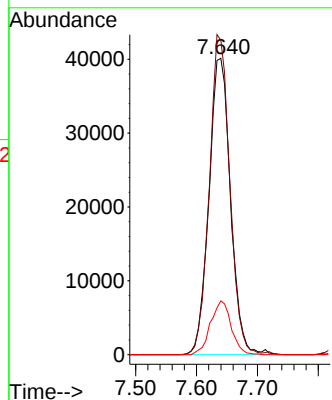
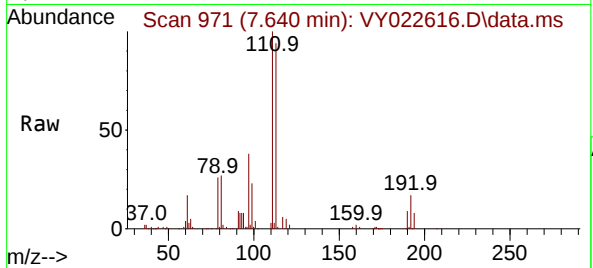




#35
Dibromofluoromethane
Concen: 52.698 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

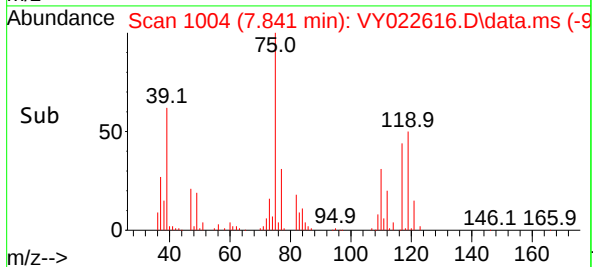
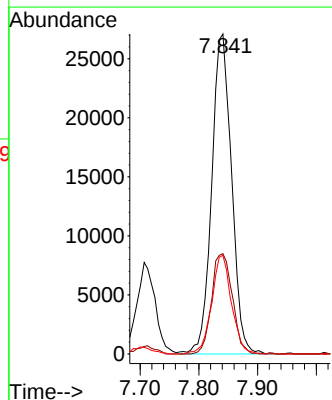
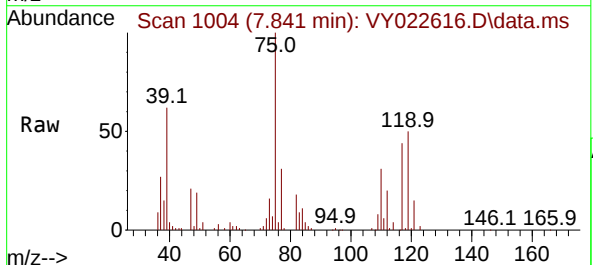
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

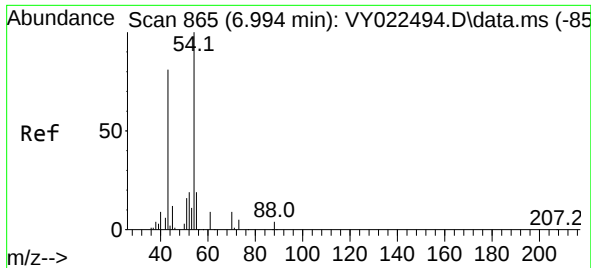
Tgt Ion:113 Resp: 98620
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 17.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.966 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

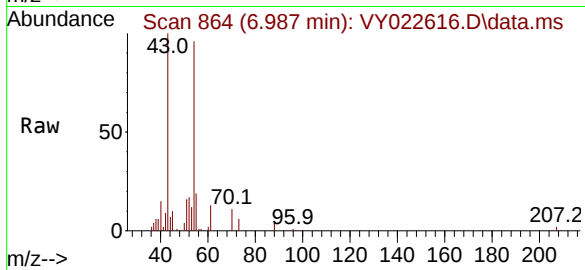
Tgt Ion: 75 Resp: 63681
Ion Ratio Lower Upper
75 100
110 32.7 16.9 50.7
77 30.7 24.8 37.2



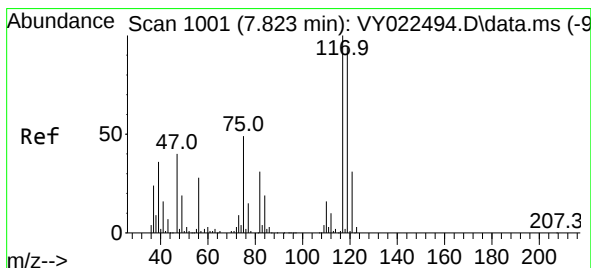
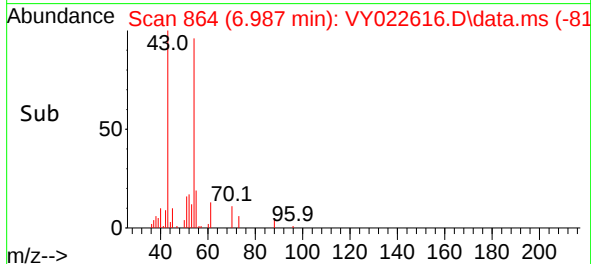
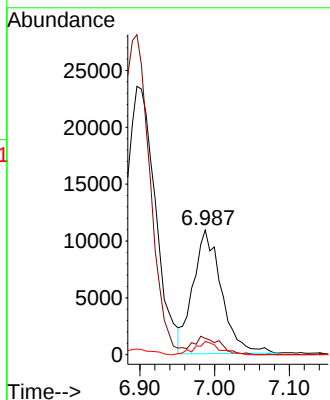


#37
Ethyl Acetate
Concen: 21.180 ug/l
RT: 6.987 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

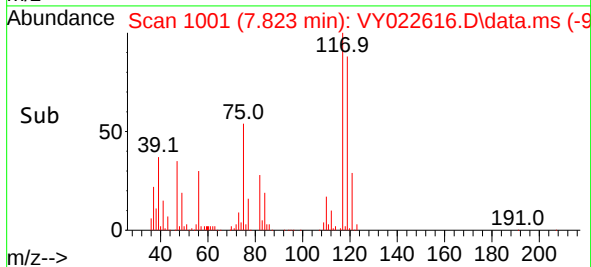
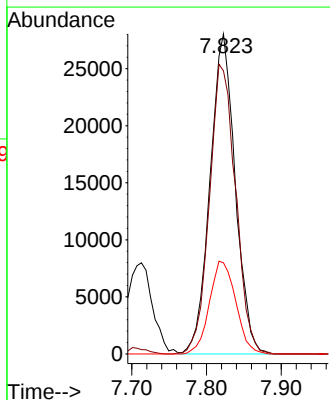
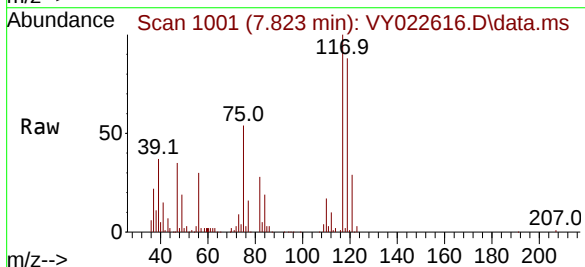


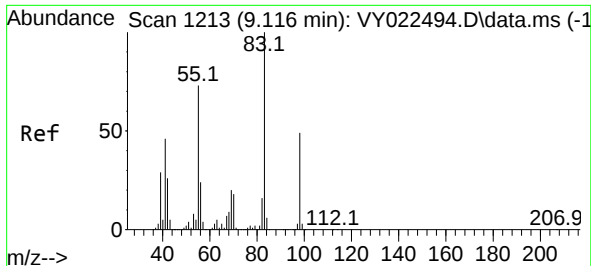
Tgt Ion: 43 Resp: 28688
Ion Ratio Lower Upper
43 100
61 13.4 11.5 17.3
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.124 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 117 Resp: 65820
Ion Ratio Lower Upper
117 100
119 88.5 75.0 112.6
121 28.5 25.0 37.4

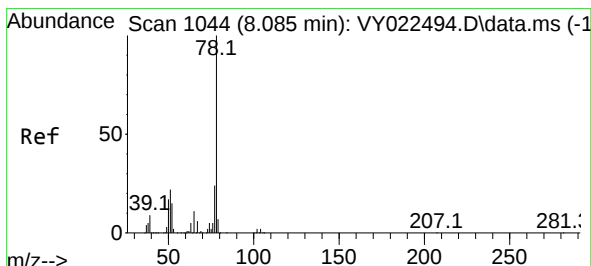
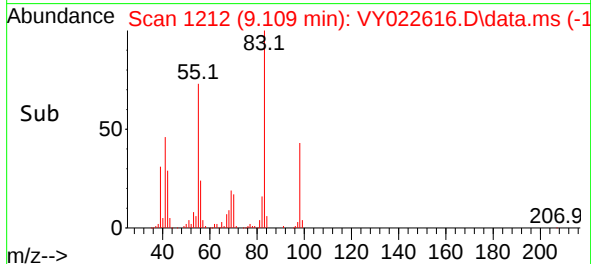
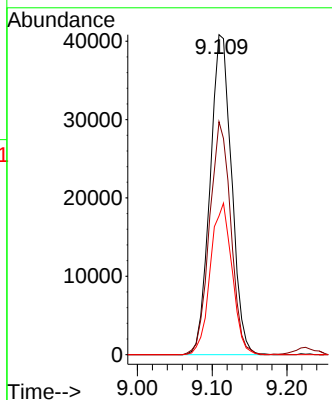
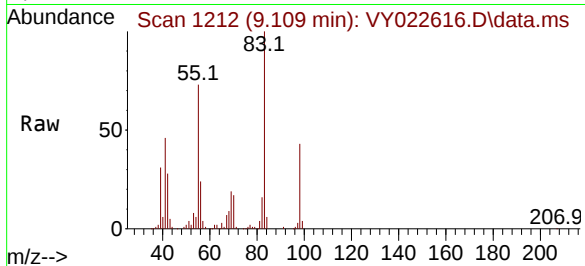




#39
Methylcyclohexane
Concen: 20.018 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

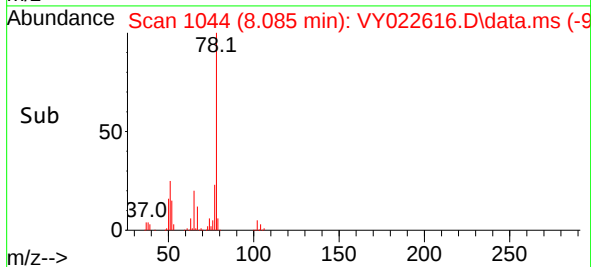
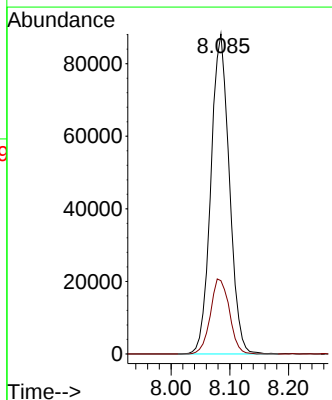
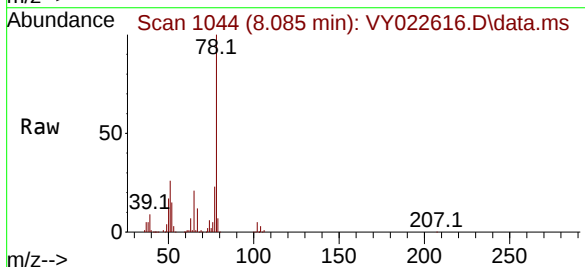
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

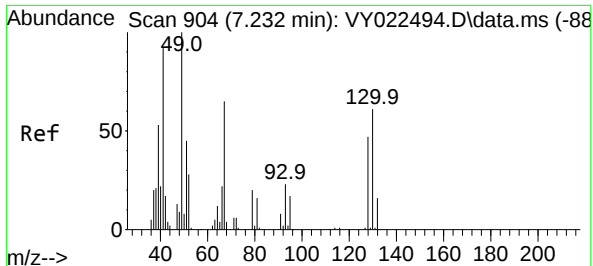
Tgt Ion: 83 Resp: 81709
Ion Ratio Lower Upper
83 100
55 72.8 58.1 87.1
98 43.4 39.0 58.6



#40
Benzene
Concen: 21.444 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 78 Resp: 192373
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

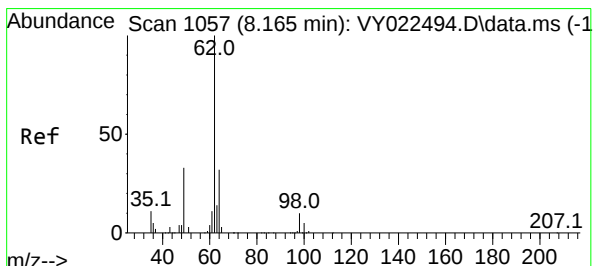
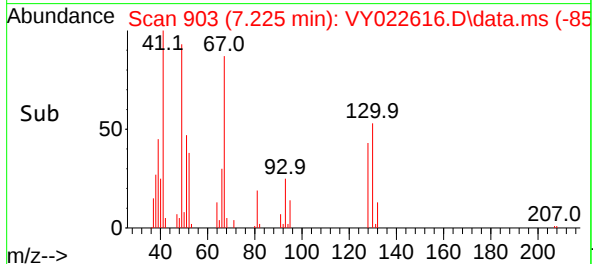
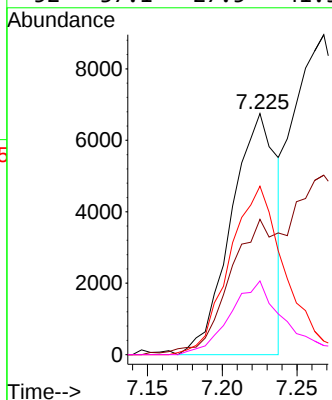
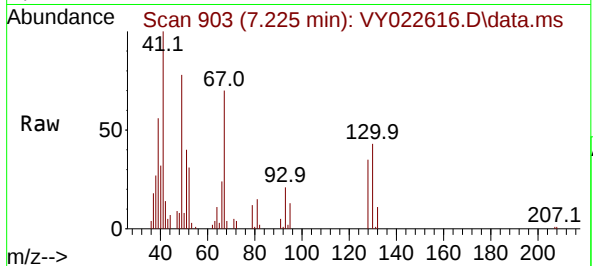




#41
Methacrylonitrile
Concen: 18.109 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.007 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

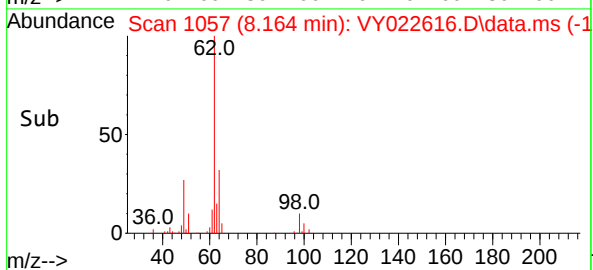
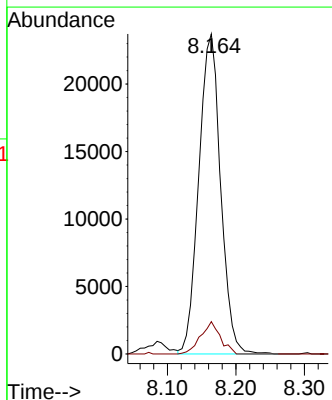
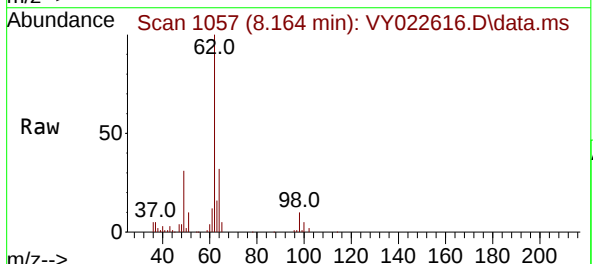
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

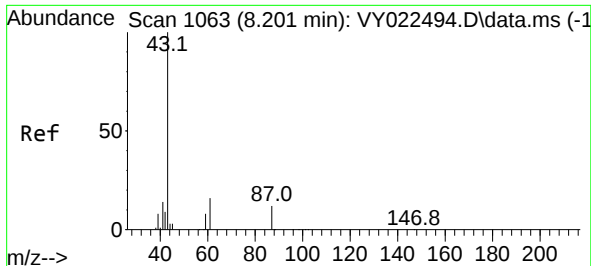
Tgt Ion:	41	Resp:	14327
Ion	Ratio	Lower	Upper
41	100		
39	50.4	46.6	69.8
67	85.4	63.3	94.9
52	37.1	27.5	41.3



#42
1,2-Dichloroethane
Concen: 21.478 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion:	62	Resp:	52610
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

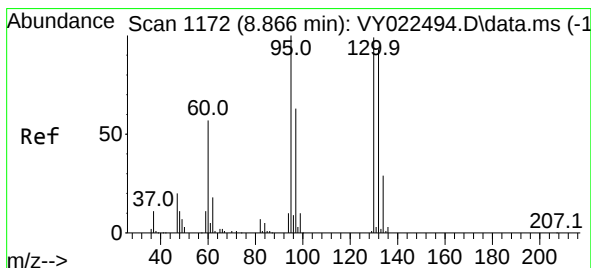
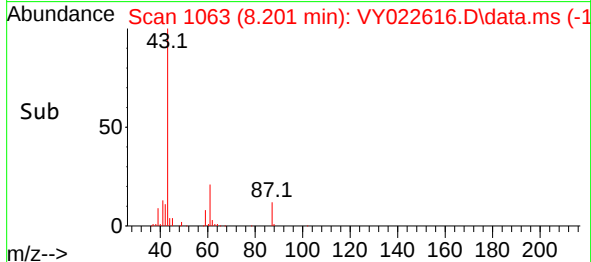
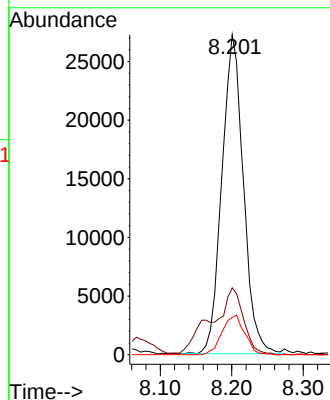
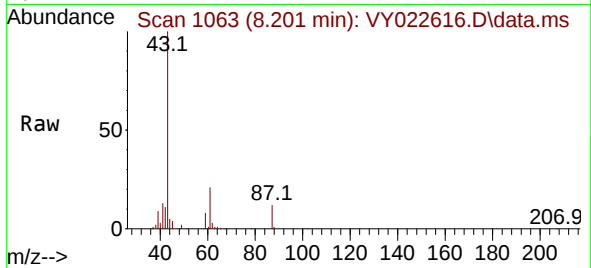




#43
Isopropyl Acetate
Concen: 19.438 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

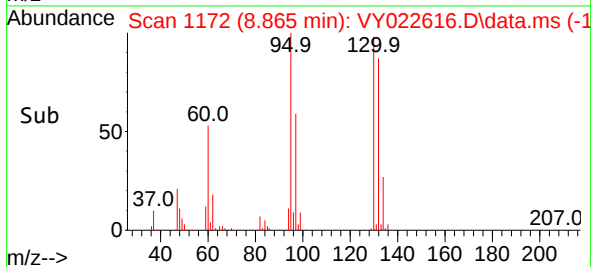
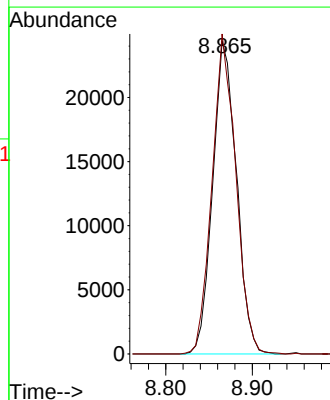
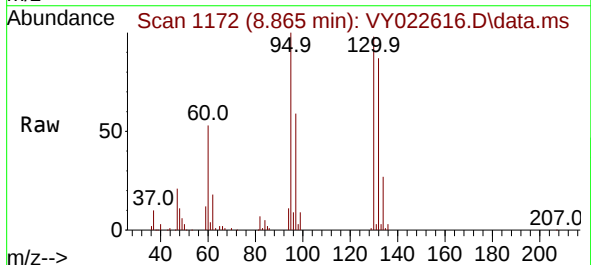
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

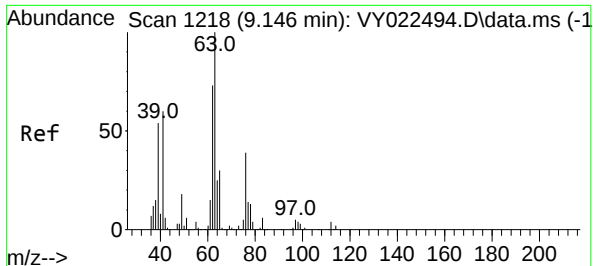
Tgt Ion: 43 Resp: 56862
Ion Ratio Lower Upper
43 100
61 20.3 15.6 23.4
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 21.226 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 130 Resp: 46540
Ion Ratio Lower Upper
130 100
95 102.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.626 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

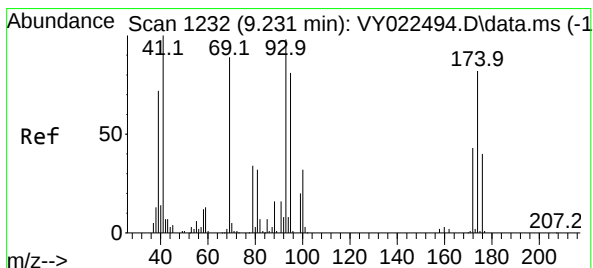
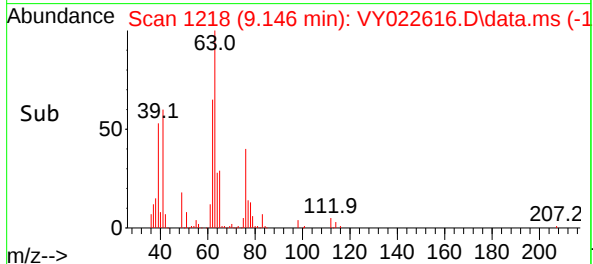
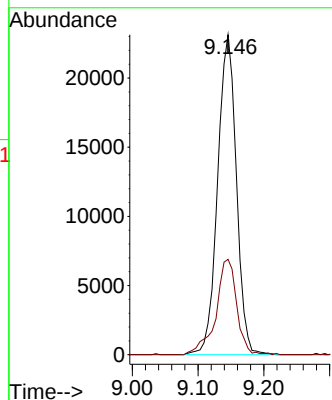
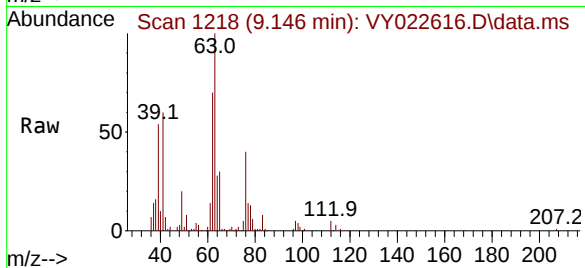
VY0609SBS01

Tgt Ion: 63 Resp: 45850

Ion Ratio Lower Upper

63 100

65 29.8 24.0 36.0



#46

Dibromomethane

Concen: 20.854 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

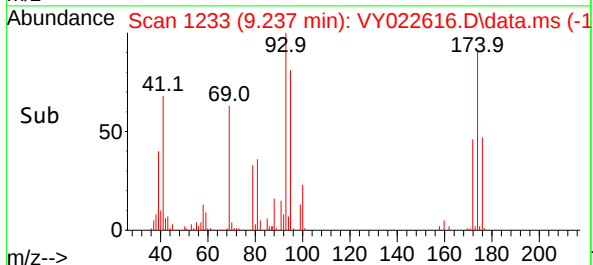
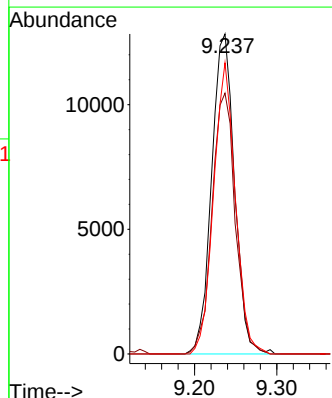
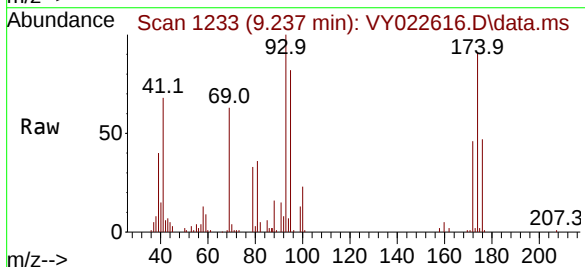
Tgt Ion: 93 Resp: 24874

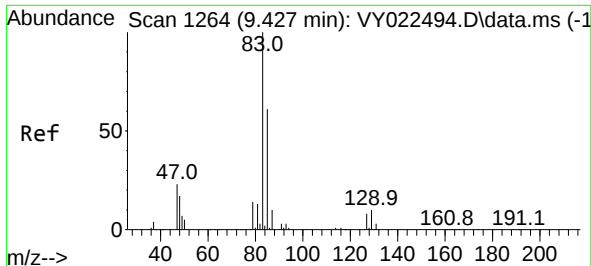
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

174 86.7 70.4 105.6

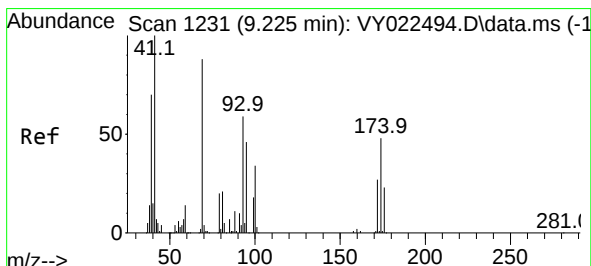
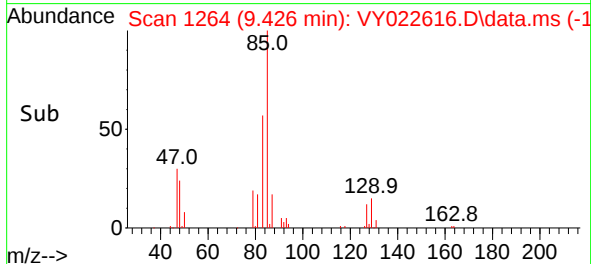
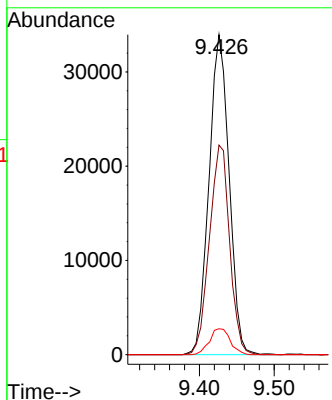
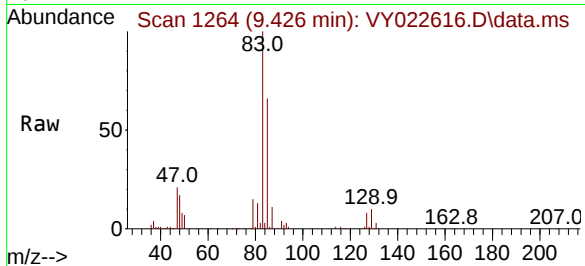




#47
Bromodichloromethane
Concen: 21.027 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

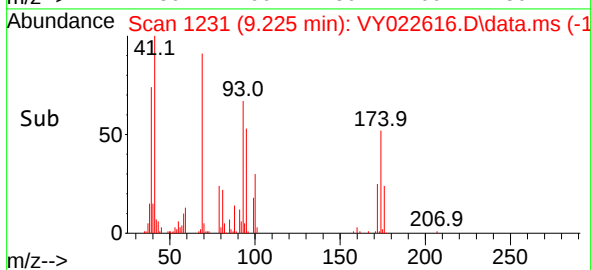
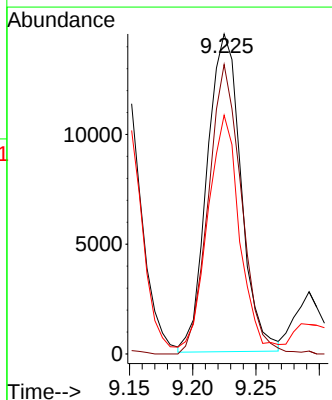
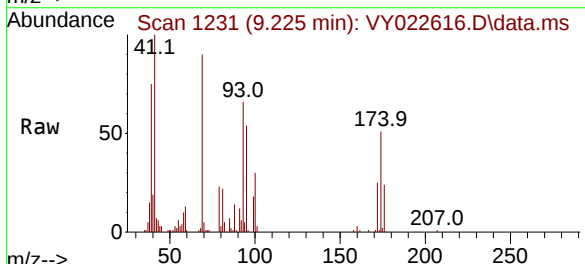
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

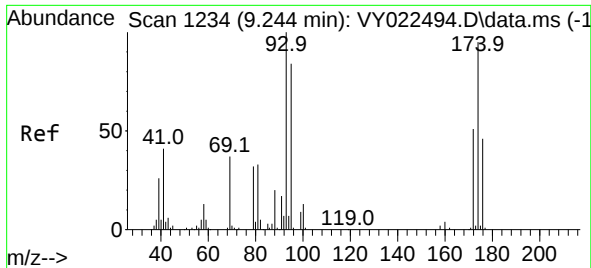
Tgt Ion: 83 Resp: 63596
Ion Ratio Lower Upper
83 100
85 65.5 49.1 73.7
127 8.1 6.2 9.4



#48
Methyl methacrylate
Concen: 19.632 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 41 Resp: 26953
Ion Ratio Lower Upper
41 100
69 88.5 67.8 101.8
39 67.2 55.0 82.4

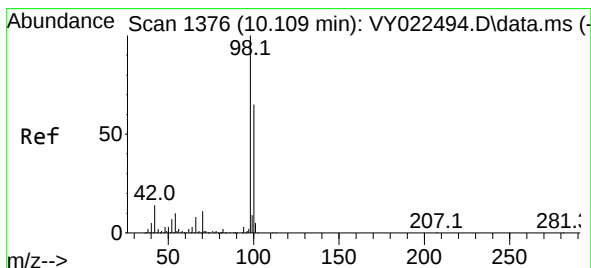
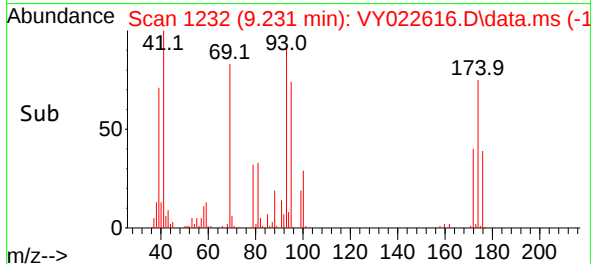
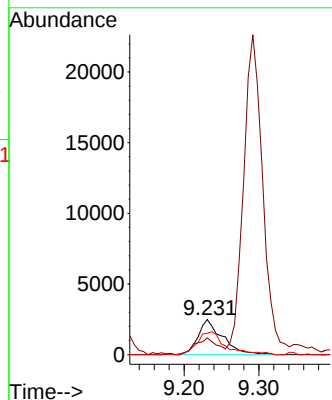
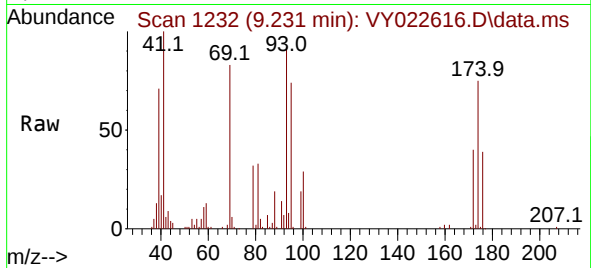




#49
1,4-Dioxane
Concen: 399.413 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

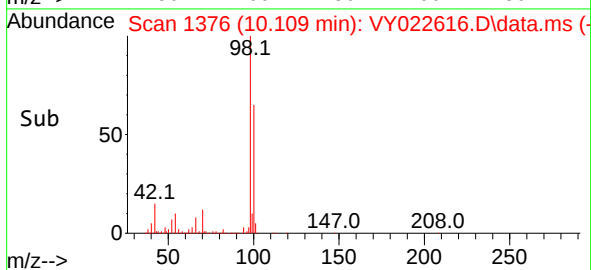
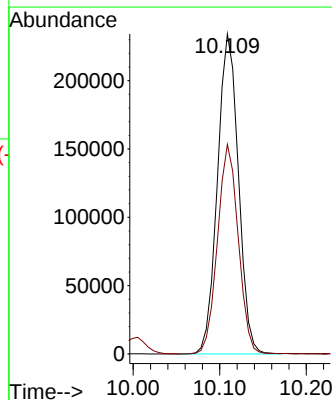
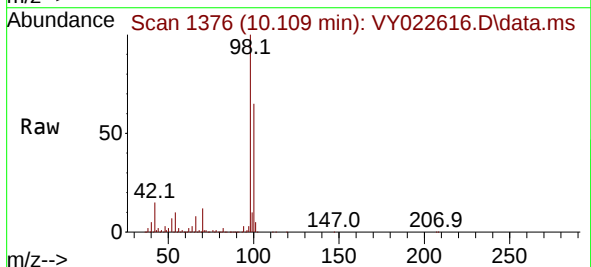
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

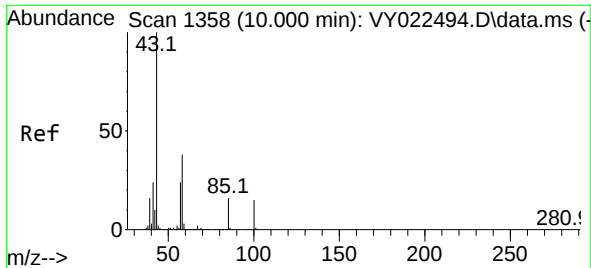
Tgt Ion: 88 Resp: 5644
Ion Ratio Lower Upper
88 100
43 43.9 25.4 38.2#
58 74.2 54.9 82.3



#50
Toluene-d8
Concen: 52.058 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 98 Resp: 393652
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

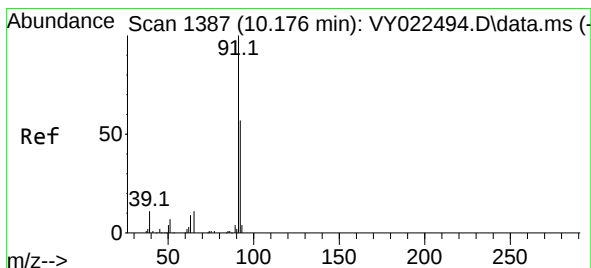
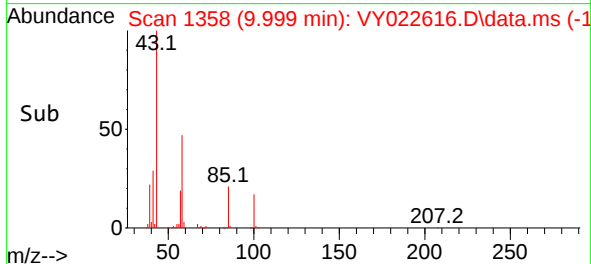
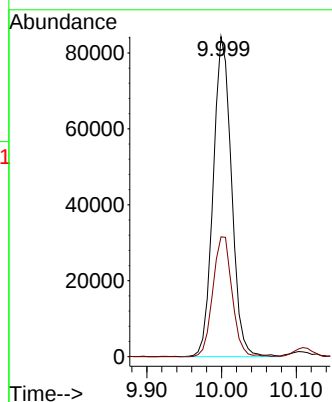
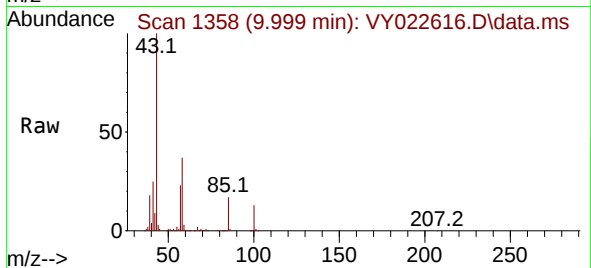




#51
4-Methyl-2-Pentanone
Concen: 98.649 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

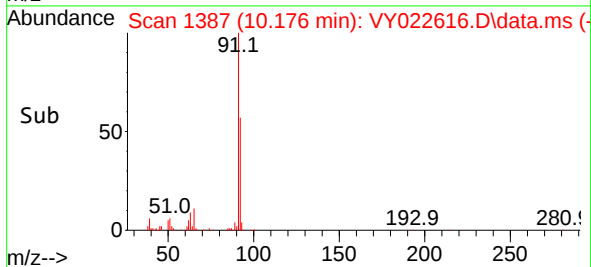
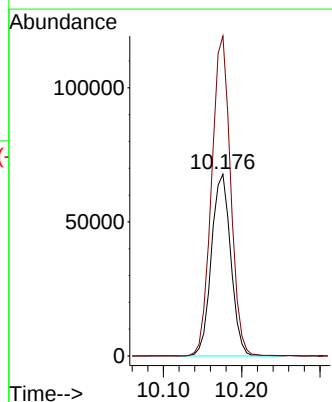
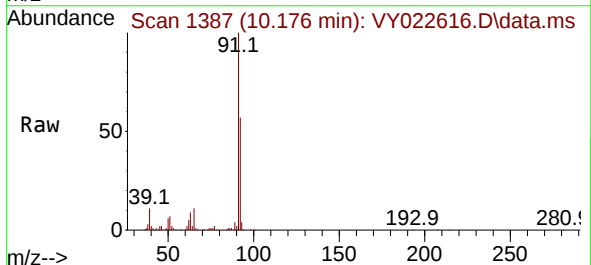
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

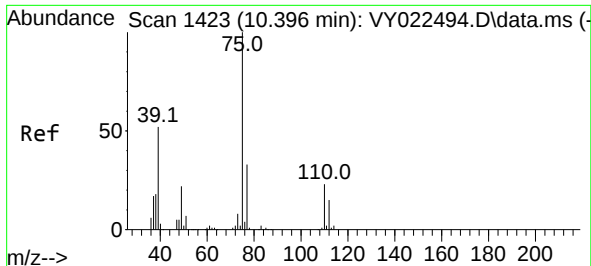
Tgt Ion: 43 Resp: 143878
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6



#52
Toluene
Concen: 20.581 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 92 Resp: 116028
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.4

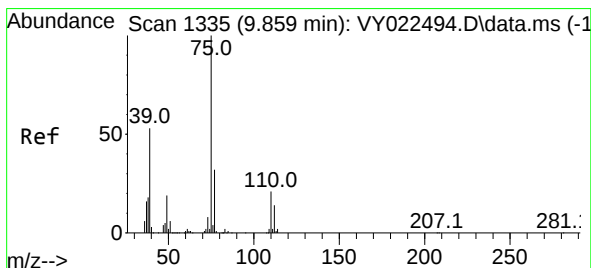
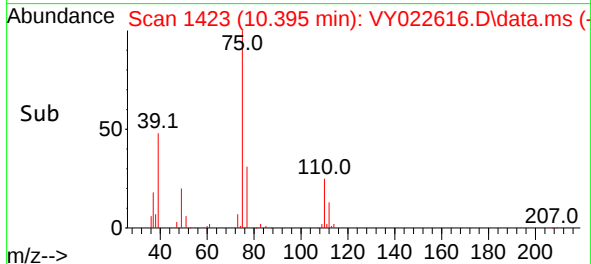
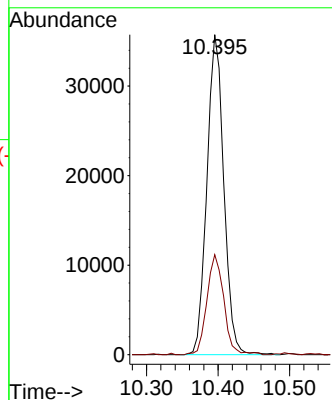
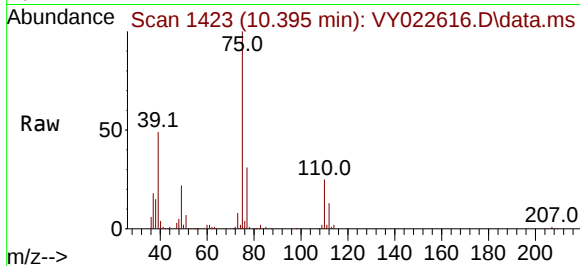




#53
t-1,3-Dichloropropene
Concen: 20.727 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

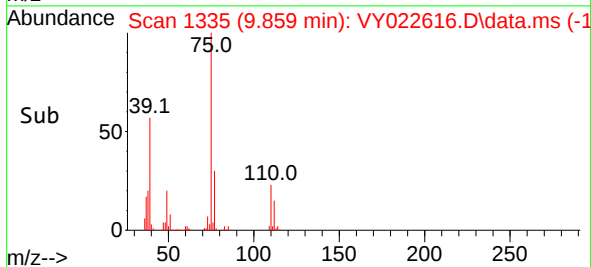
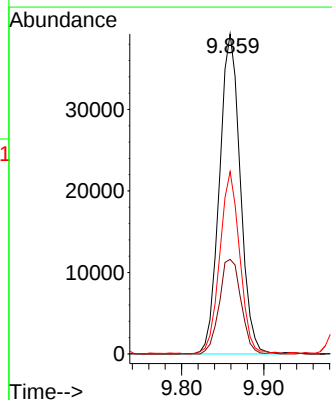
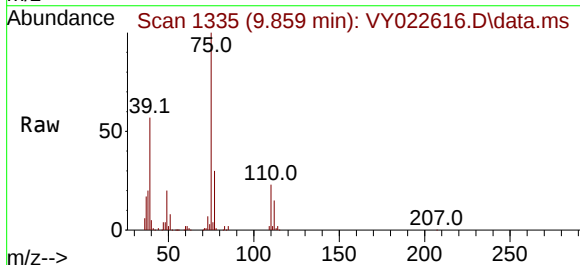
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

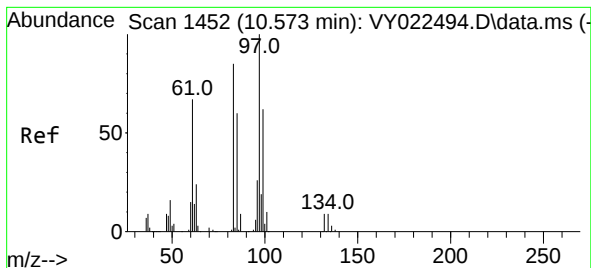
Tgt Ion: 75 Resp: 58736
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.958 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 75 Resp: 69134
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9
39 56.7 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 21.117 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

Tgt Ion: 97 Resp: 32118

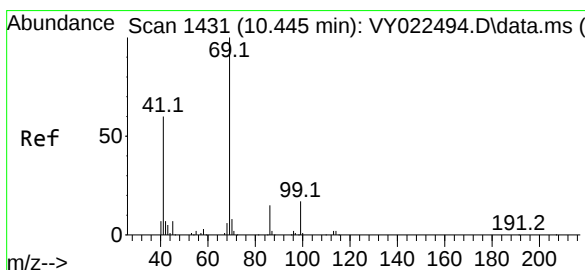
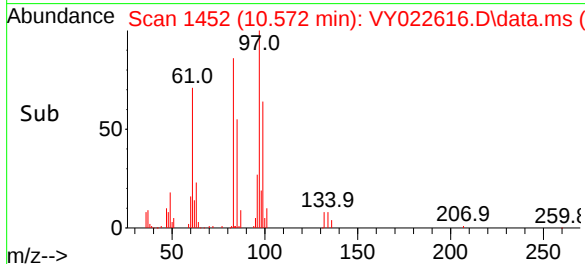
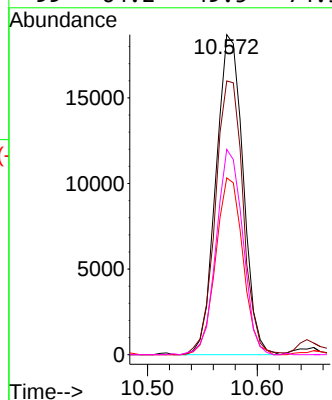
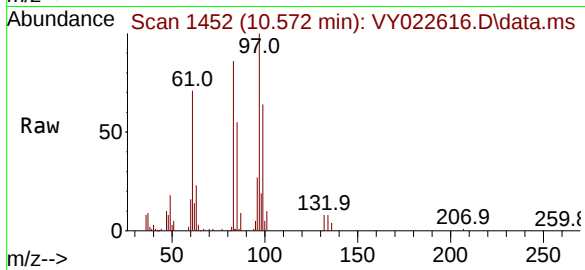
Ion Ratio Lower Upper

97 100

83 85.6 68.1 102.1

85 55.2 48.2 72.2

99 64.2 49.5 74.3



#56

Ethyl methacrylate

Concen: 19.878 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

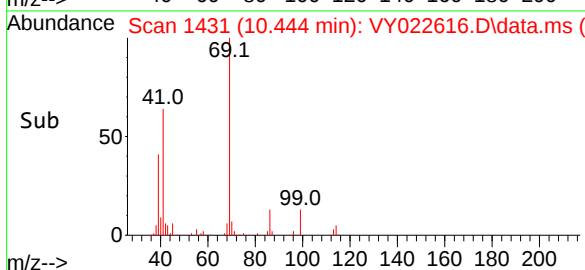
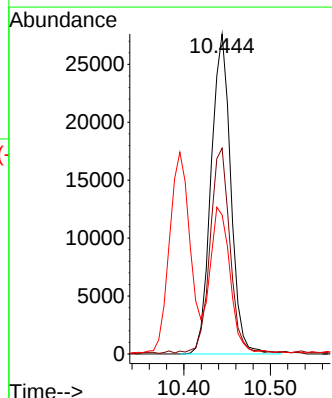
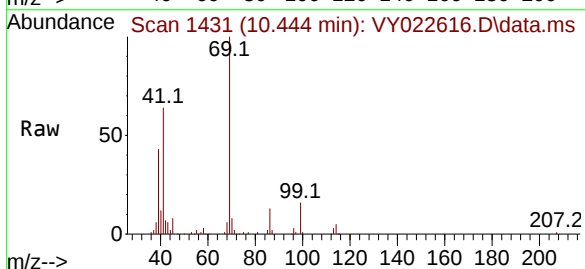
Tgt Ion: 69 Resp: 43697

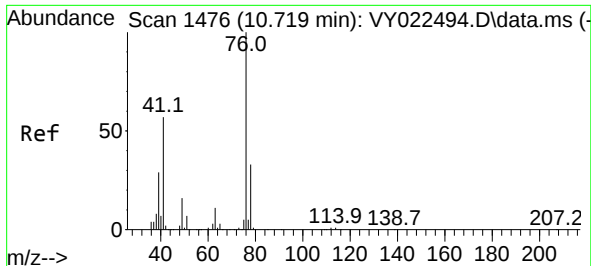
Ion Ratio Lower Upper

69 100

41 64.5 52.2 78.2

39 46.1 36.7 55.1





#57

1,3-Dichloropropane

Concen: 21.070 ug/l

RT: 10.718 min Scan# 1476

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

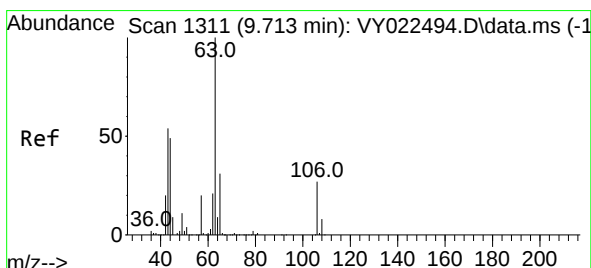
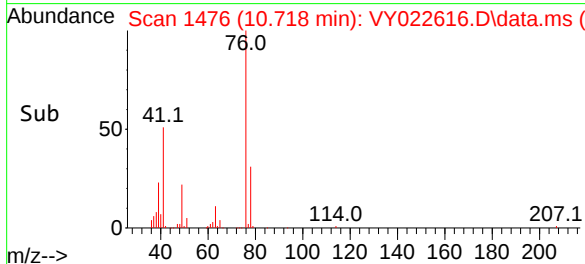
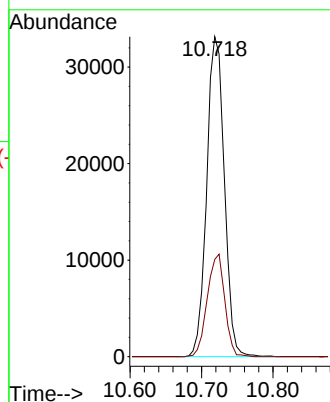
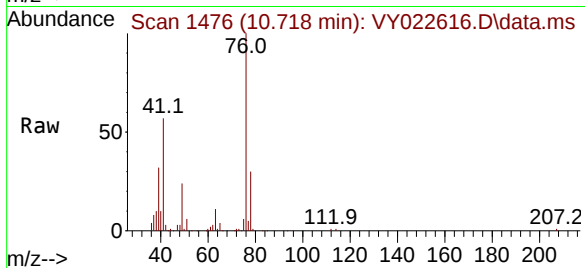
VY0609SBS01

Tgt Ion: 76 Resp: 56798

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.387 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.001 min

Lab File: VY022616.D

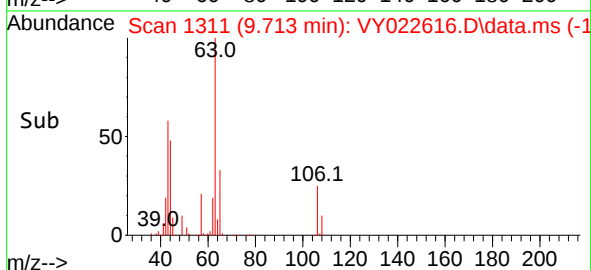
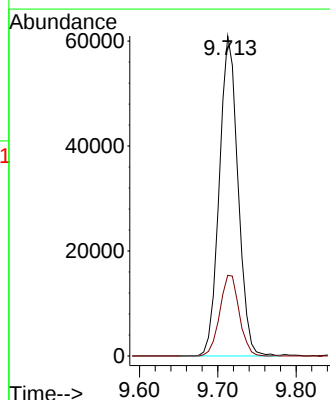
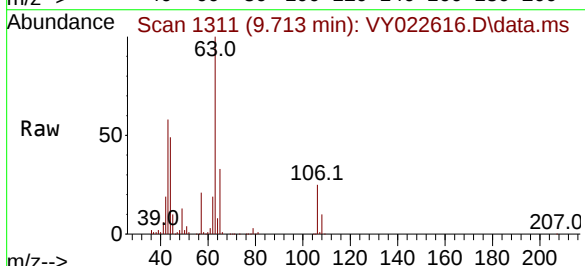
Acq: 09 Jun 2025 09:28

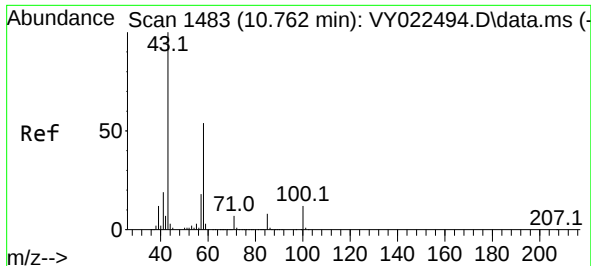
Tgt Ion: 63 Resp: 101189

Ion Ratio Lower Upper

63 100

106 26.2 21.6 32.4

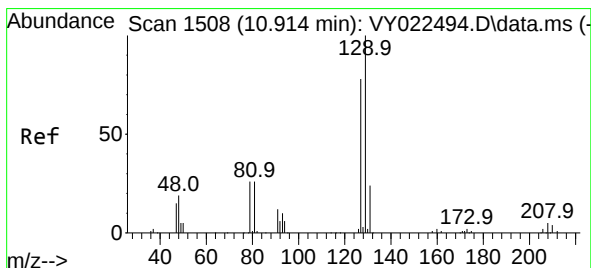
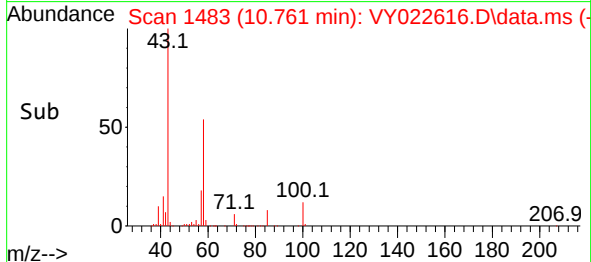
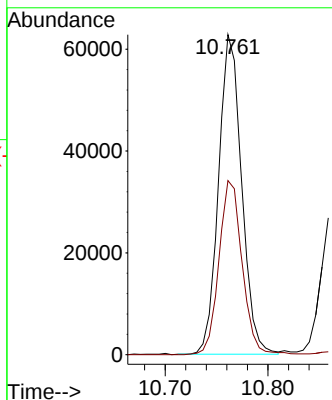
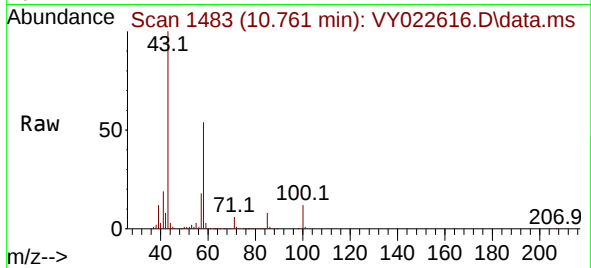




#59
2-Hexanone
Concen: 100.218 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

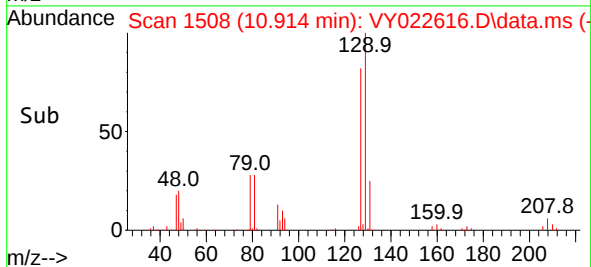
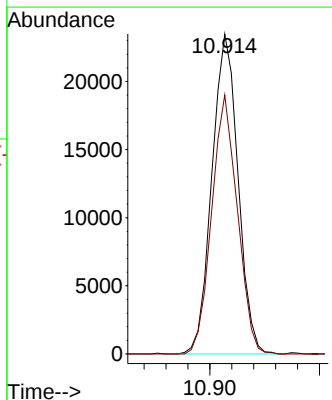
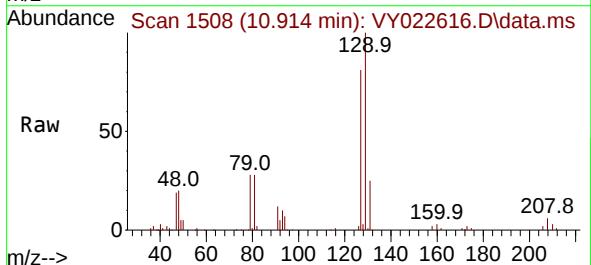
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

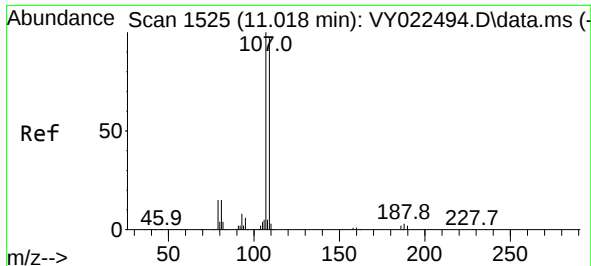
Tgt Ion: 43 Resp: 97755
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 20.071 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 129 Resp: 38794
Ion Ratio Lower Upper
129 100
127 79.6 39.1 117.2

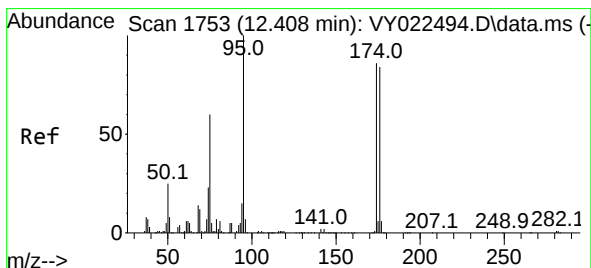
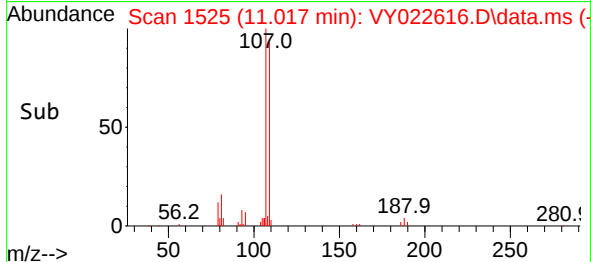
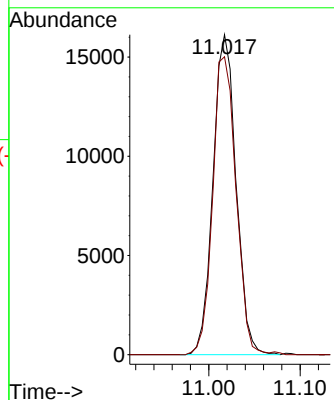
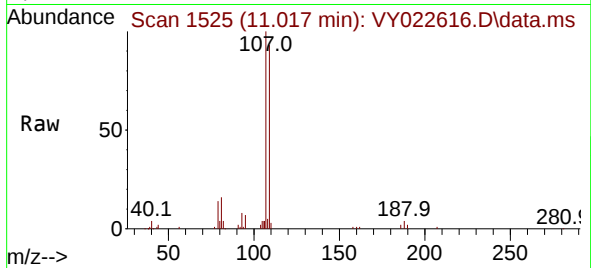




#61
1,2-Dibromoethane
Concen: 20.370 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

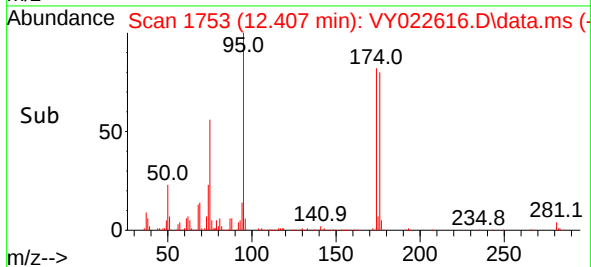
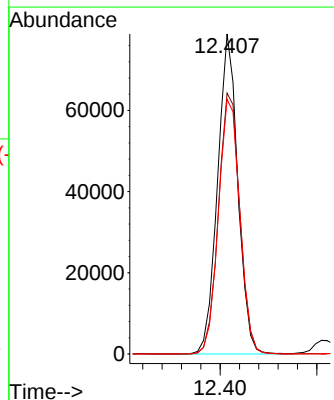
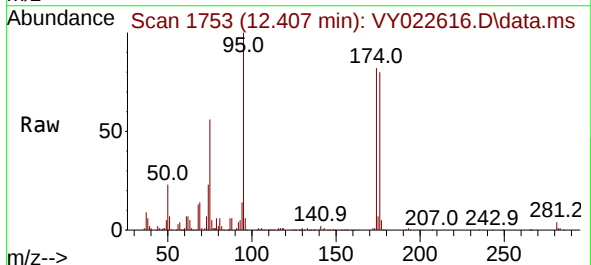
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

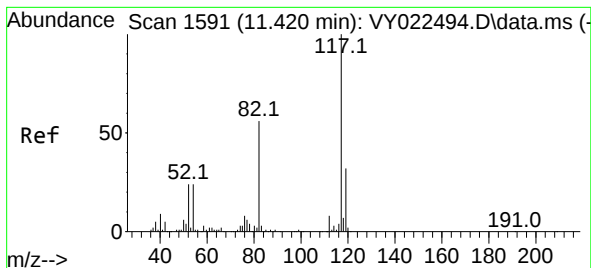
Tgt Ion:107 Resp: 28238
Ion Ratio Lower Upper
107 100
109 94.7 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.721 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 95 Resp: 114274
Ion Ratio Lower Upper
95 100
174 86.0 0.0 170.0
176 84.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

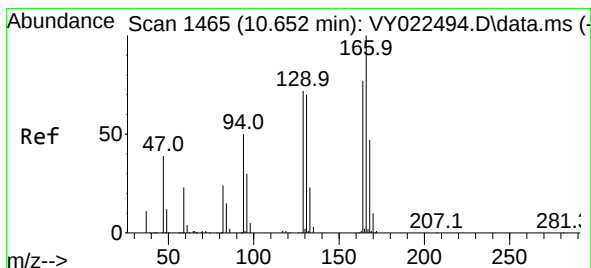
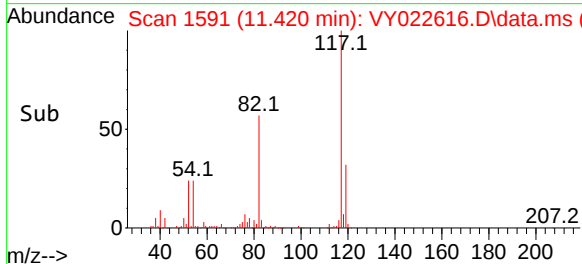
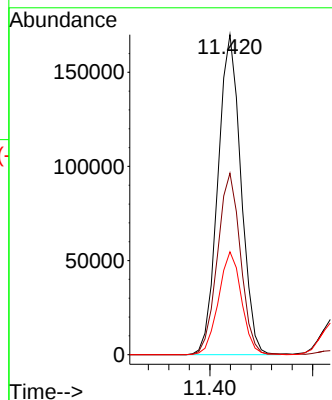
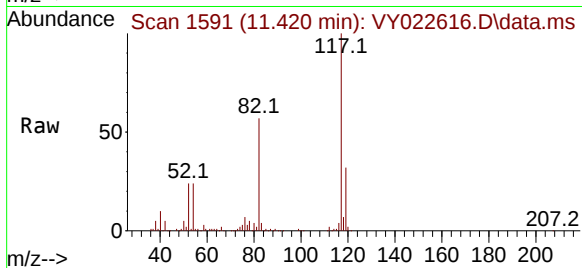
Tgt Ion:117 Resp: 264373

Ion Ratio Lower Upper

117 100

82 56.7 44.6 66.8

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 21.540 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Tgt Ion:164 Resp: 48985

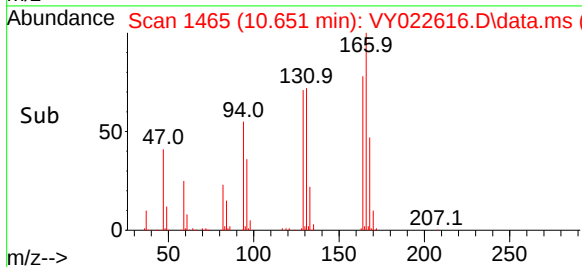
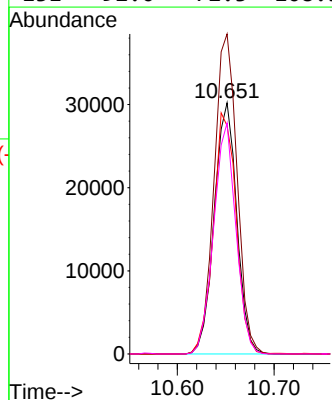
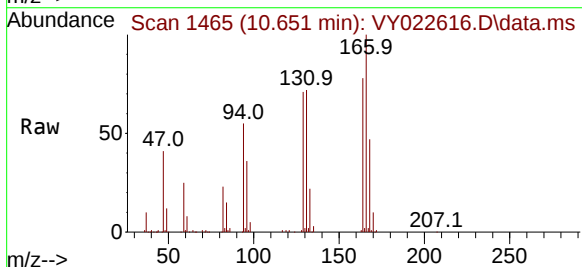
Ion Ratio Lower Upper

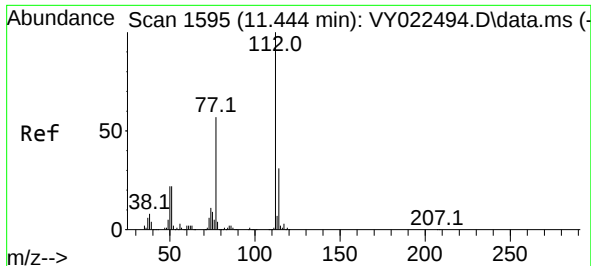
164 100

166 127.4 104.0 156.0

129 90.9 74.5 111.7

131 92.0 72.3 108.5

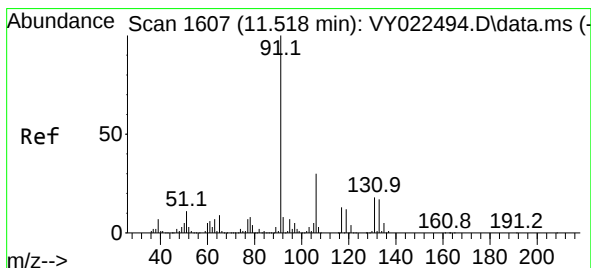
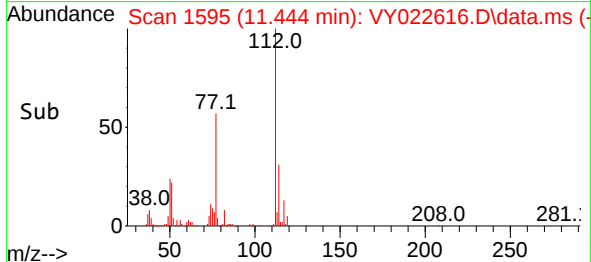
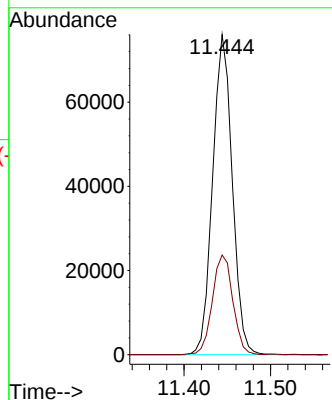
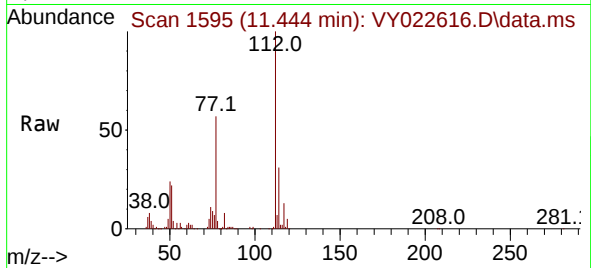




#65
Chlorobenzene
Concen: 20.430 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

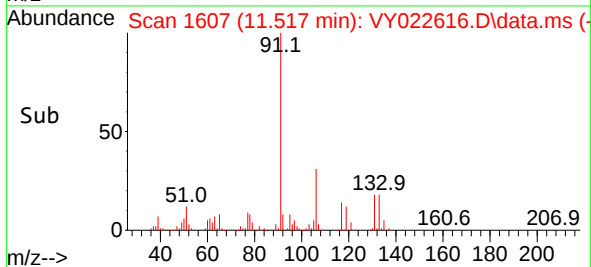
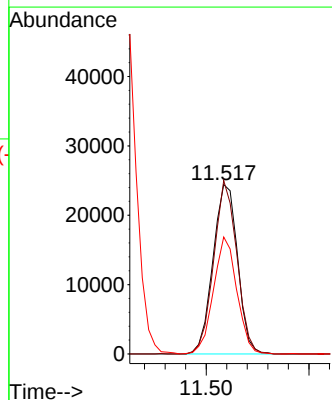
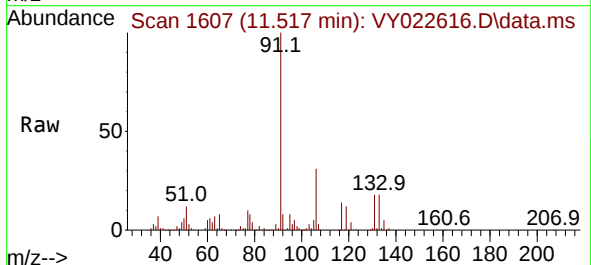
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

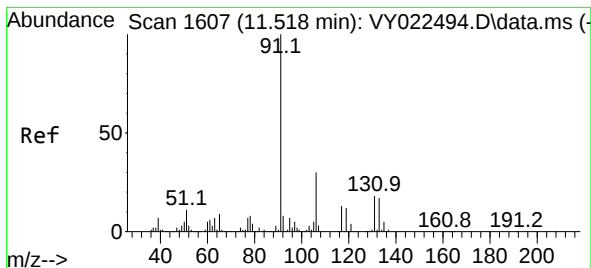
Tgt Ion:112 Resp: 119518
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.573 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion:131 Resp: 40545
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.8
119 65.8 33.1 99.3





#67

Ethyl Benzene

Concen: 20.301 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

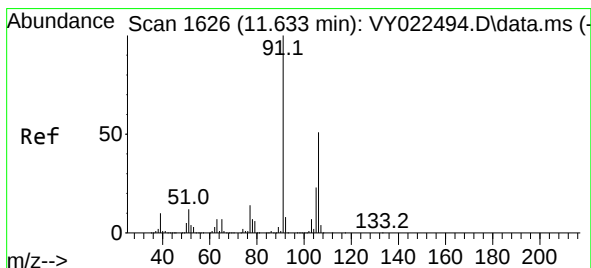
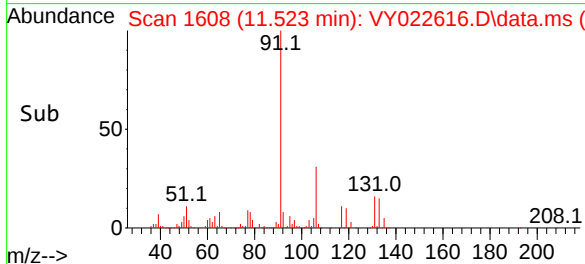
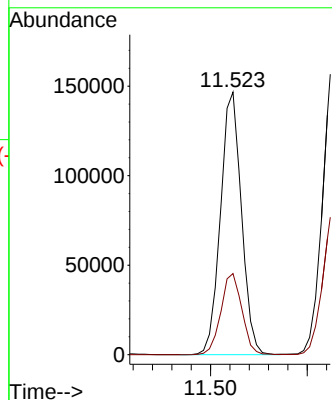
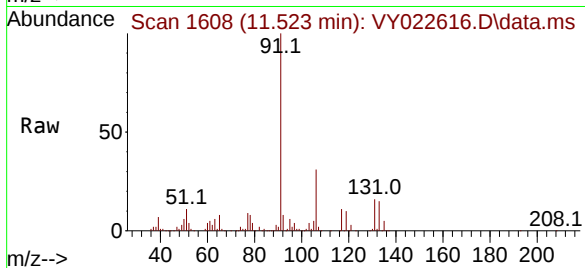
VY0609SBS01

Tgt Ion: 91 Resp: 220283

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 40.323 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.001 min

Lab File: VY022616.D

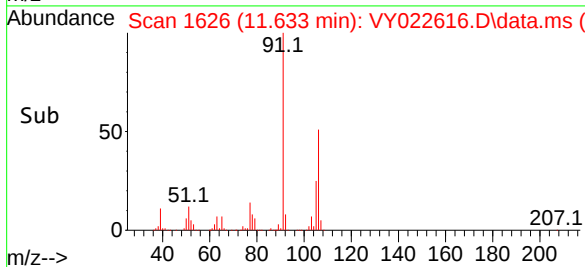
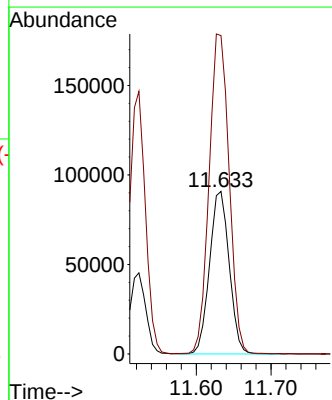
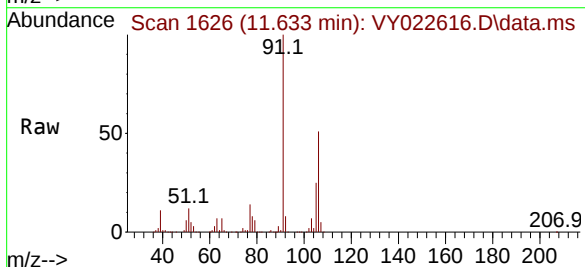
Acq: 09 Jun 2025 09:28

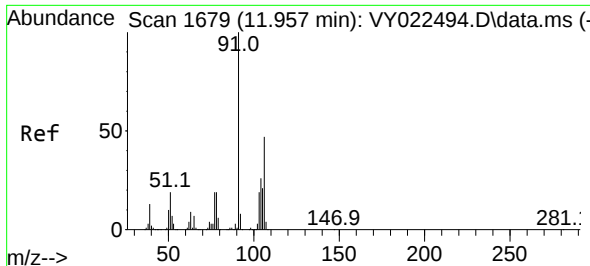
Tgt Ion:106 Resp: 165869

Ion Ratio Lower Upper

106 100

91 201.0 159.4 239.0

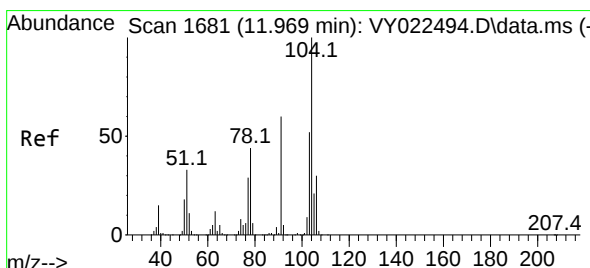
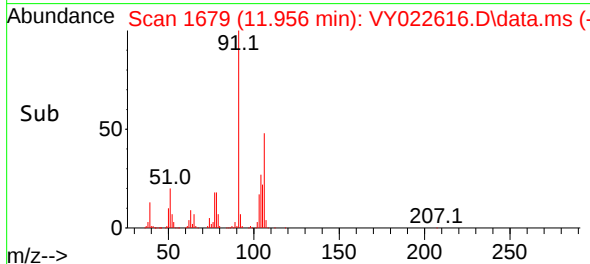
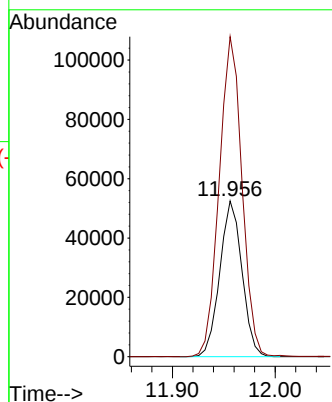
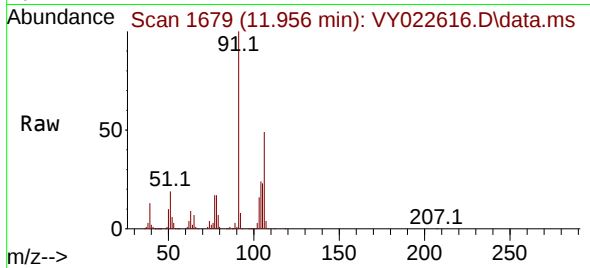




#69
o-Xylene
Concen: 20.398 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

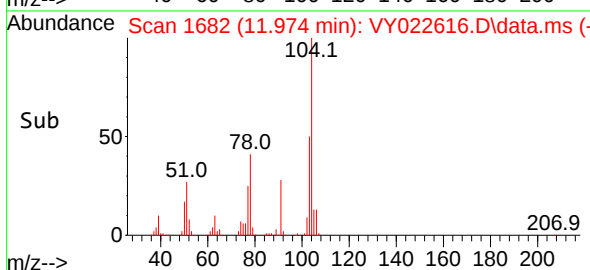
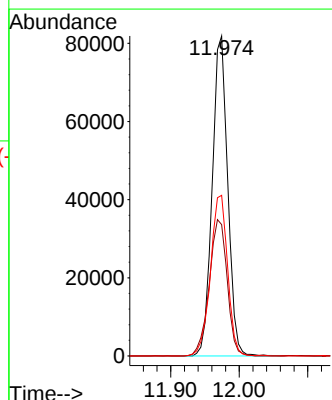
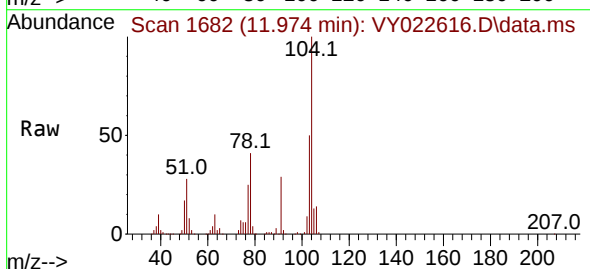
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

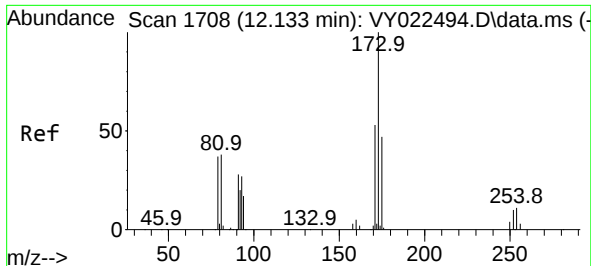
Tgt Ion:106 Resp: 78668
Ion Ratio Lower Upper
106 100
91 211.4 105.8 317.3



#70
Styrene
Concen: 20.148 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion:104 Resp: 128445
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.6 44.1 66.1

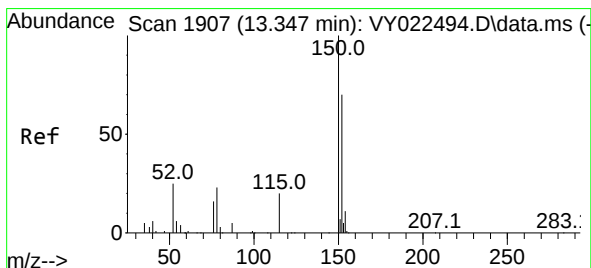
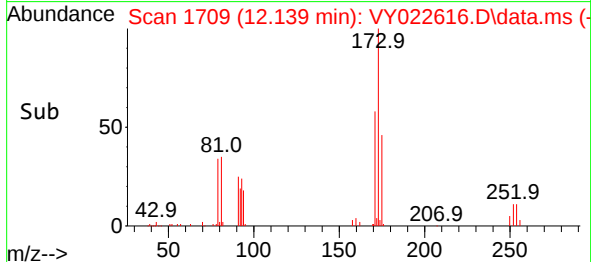
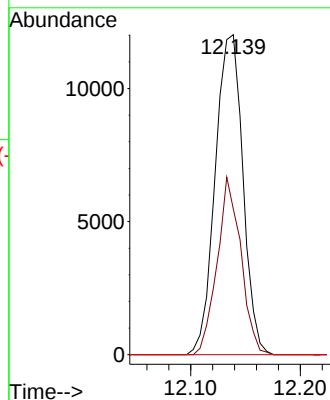
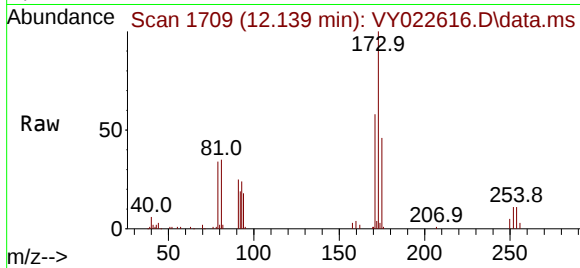




#71
Bromoform
Concen: 20.109 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

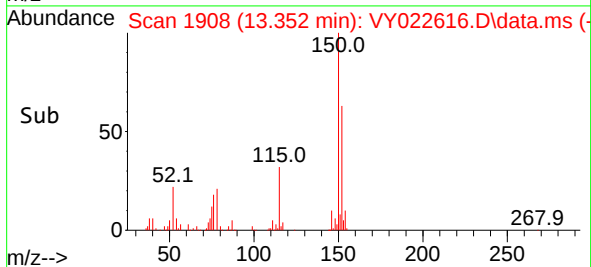
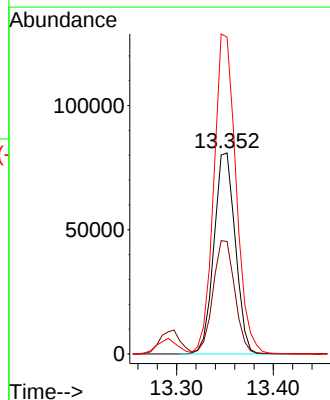
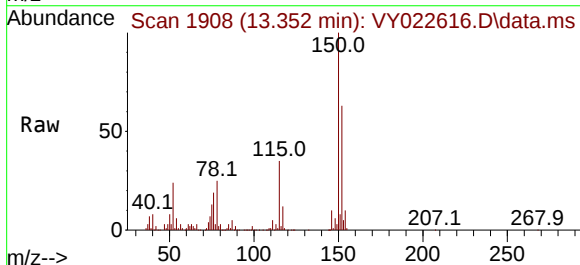
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

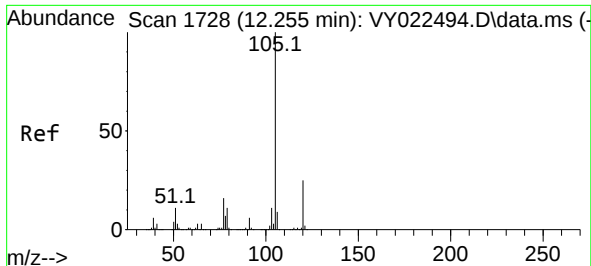
Tgt Ion:173 Resp: 21089
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion:152 Resp: 124130
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 165.8 0.0 349.6

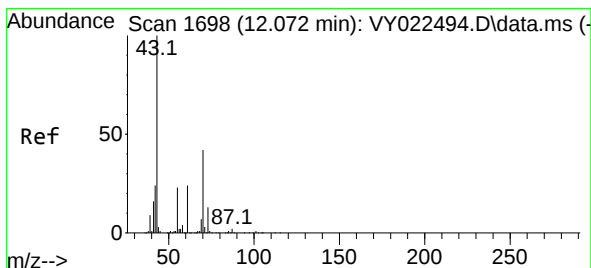
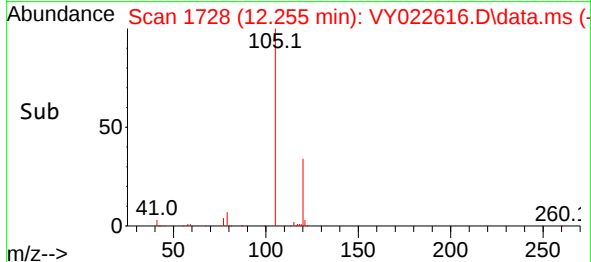
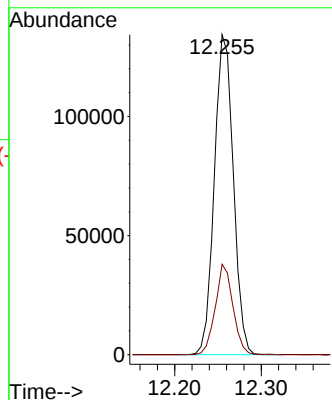
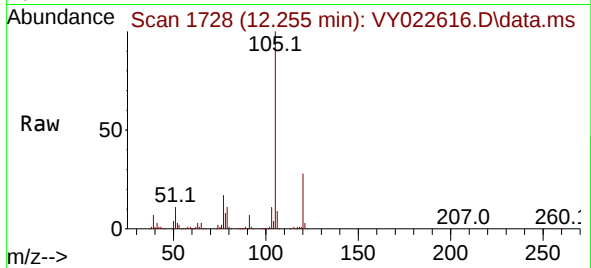




#73
Isopropylbenzene
Concen: 20.059 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

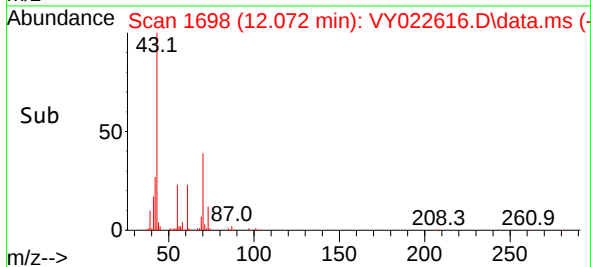
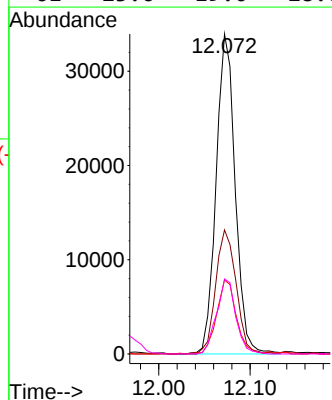
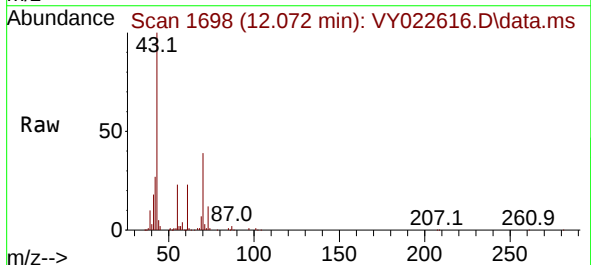
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

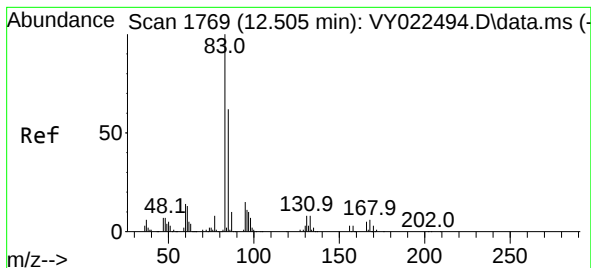
Tgt Ion:105 Resp: 204424
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 19.223 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 43 Resp: 49430
Ion Ratio Lower Upper
43 100
70 41.4 34.2 51.2
55 24.0 18.2 27.4
61 23.6 19.0 28.6

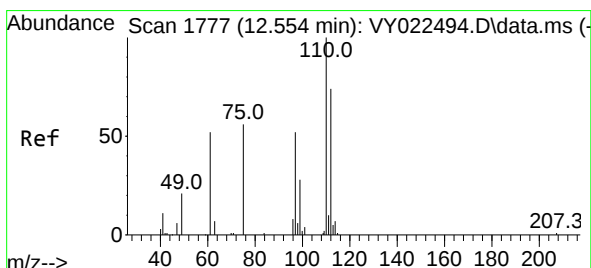
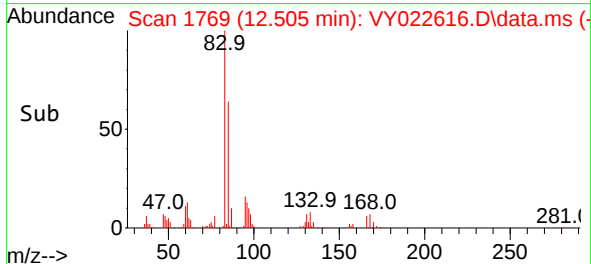
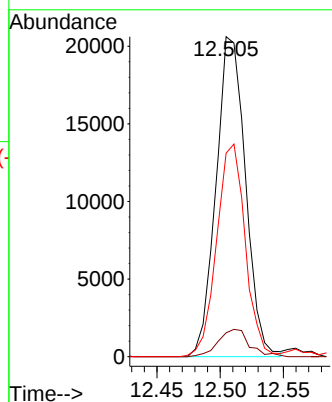
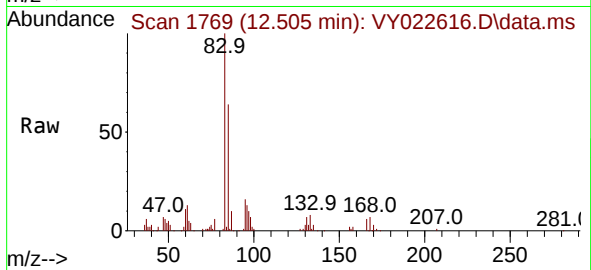




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.948 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.001 min
 Lab File: VY022616.D
 Acq: 09 Jun 2025 09:28

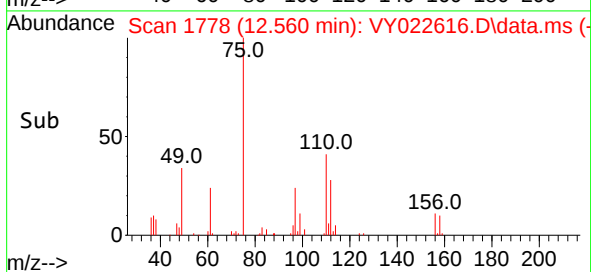
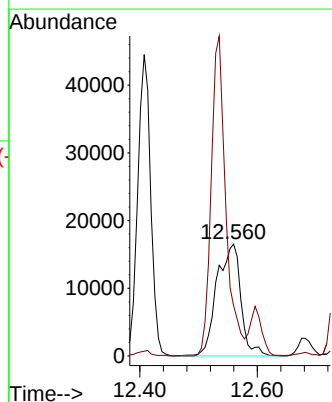
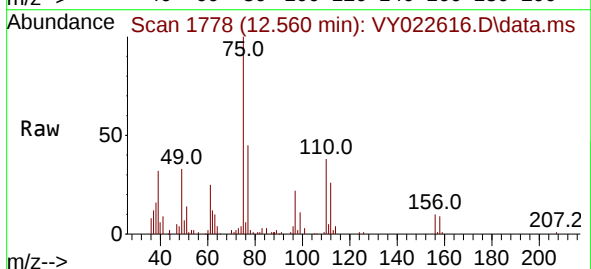
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

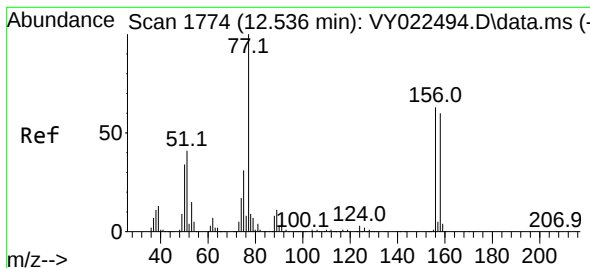
Tgt Ion: 83 Resp: 33366
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.9 14.7
 85 64.5 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 33.010 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022616.D
 Acq: 09 Jun 2025 09:28

Tgt Ion: 75 Resp: 46877
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.569 ug/l

RT: 12.535 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

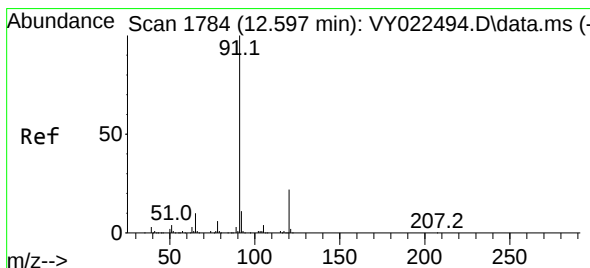
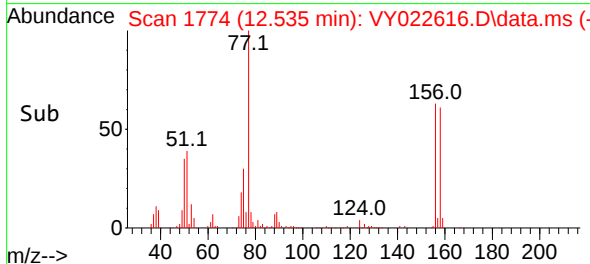
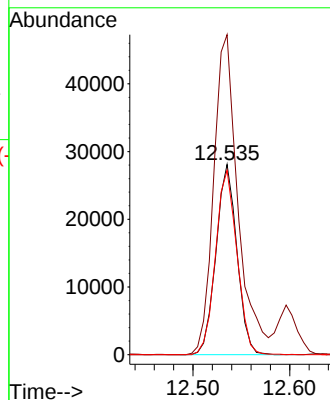
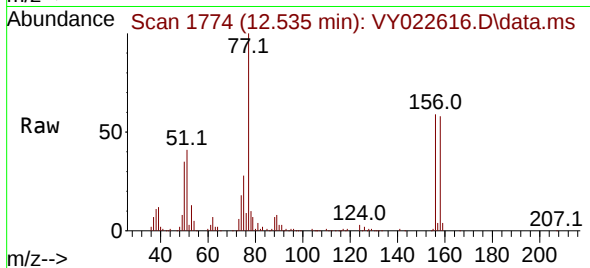
Tgt Ion:156 Resp: 42084

Ion Ratio Lower Upper

156 100

77 195.1 94.0 282.1

158 99.3 48.2 144.6



#78

n-propylbenzene

Concen: 20.319 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.001 min

Lab File: VY022616.D

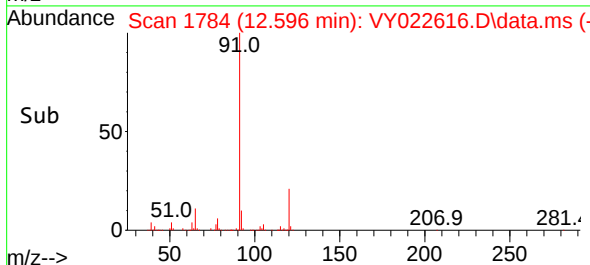
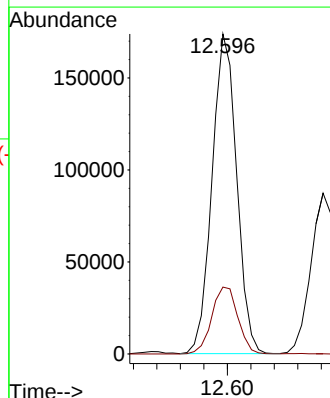
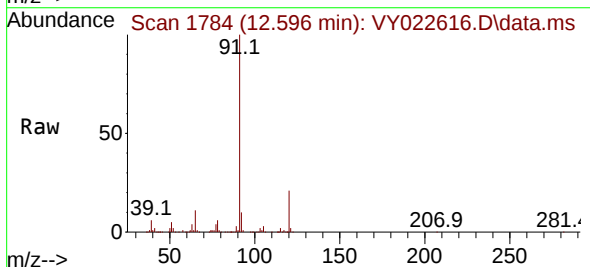
Acq: 09 Jun 2025 09:28

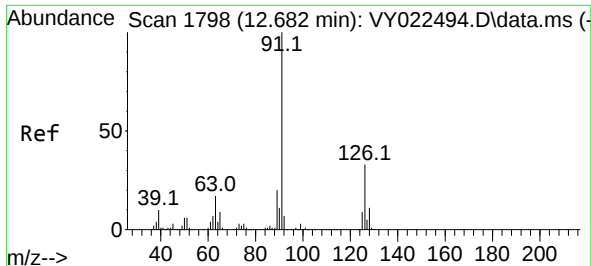
Tgt Ion: 91 Resp: 252911

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4

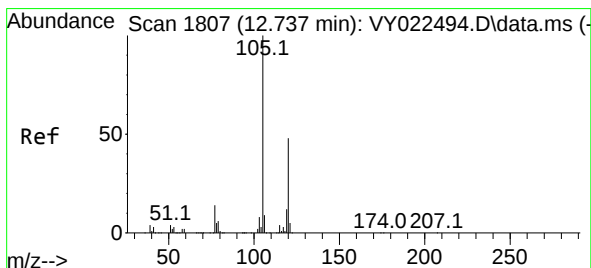
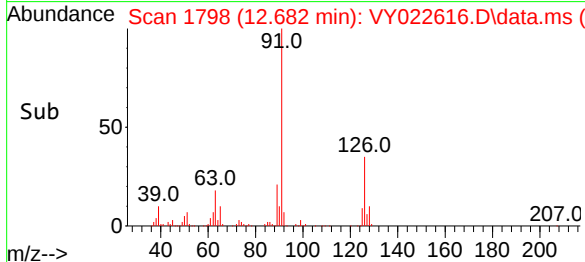
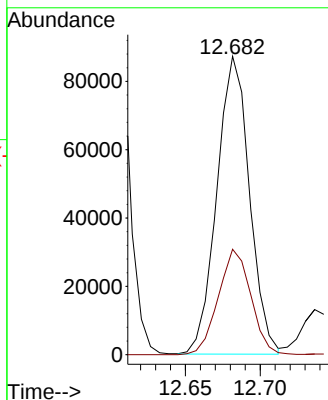
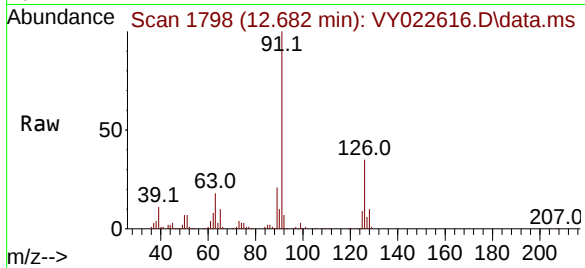




#79
2-Chlorotoluene
Concen: 20.058 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

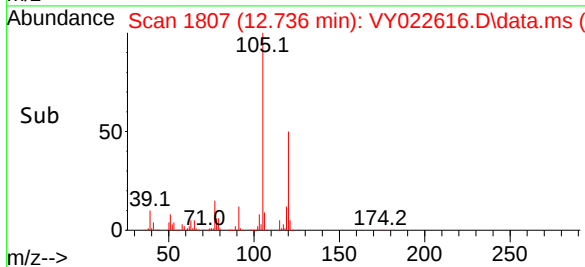
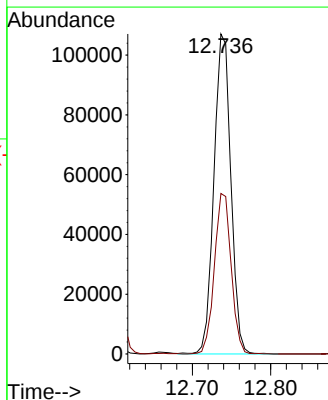
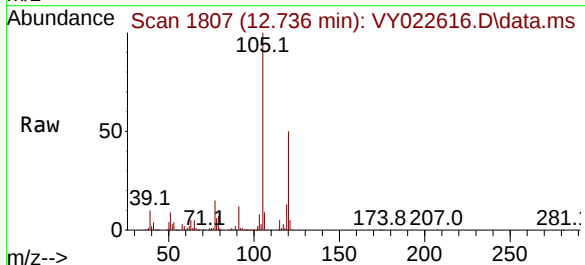
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

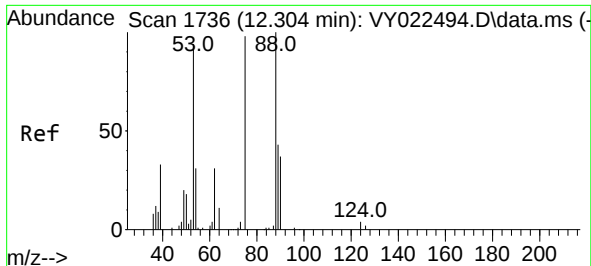
Tgt Ion: 91 Resp: 132324
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.103 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 105 Resp: 160845
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.4

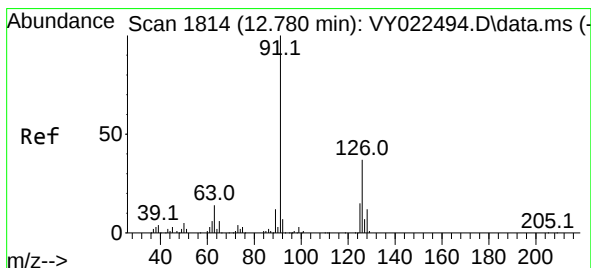
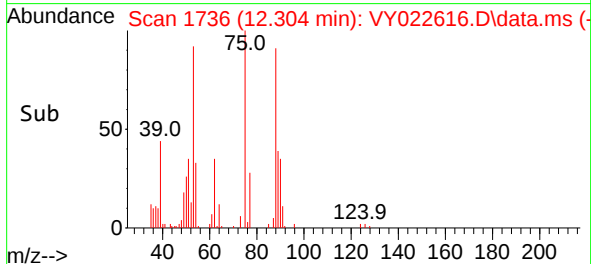
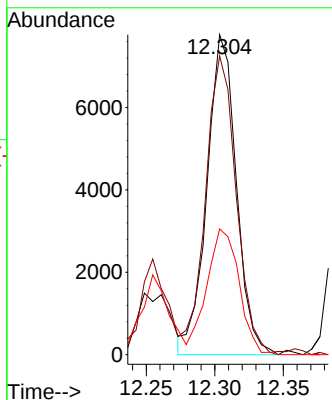
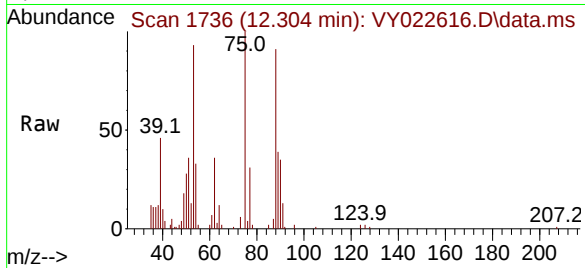




#81
trans-1,4-Dichloro-2-butene
Concen: 19.667 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

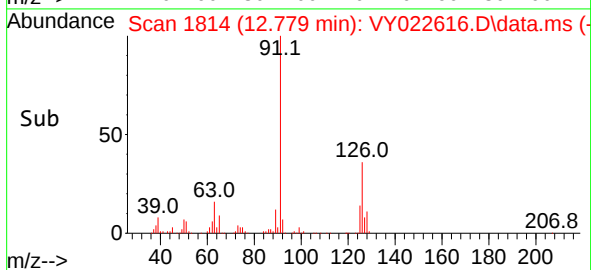
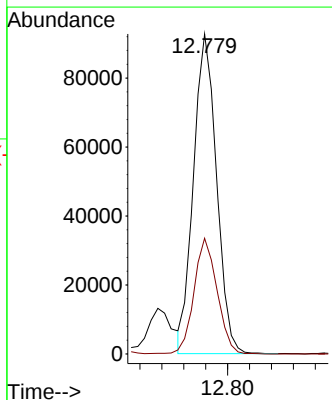
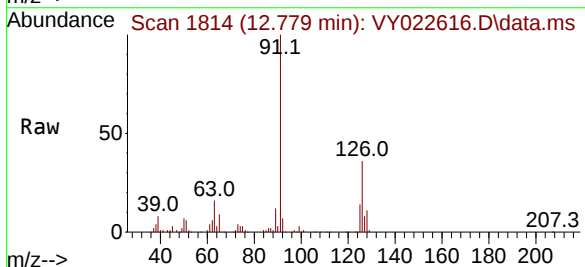
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

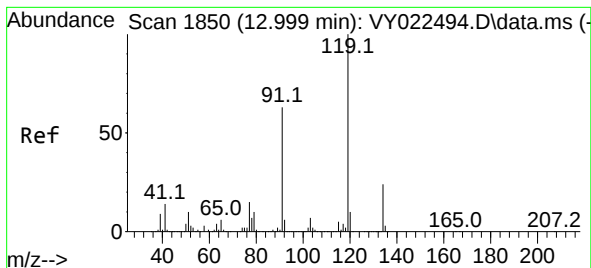
Tgt Ion: 75 Resp: 11565
Ion Ratio Lower Upper
75 100
53 96.2 78.5 117.7
89 43.3 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.880 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.001 min
Lab File: VY022616.D
Acq: 09 Jun 2025 09:28

Tgt Ion: 91 Resp: 135295
Ion Ratio Lower Upper
91 100
126 36.4 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.155 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

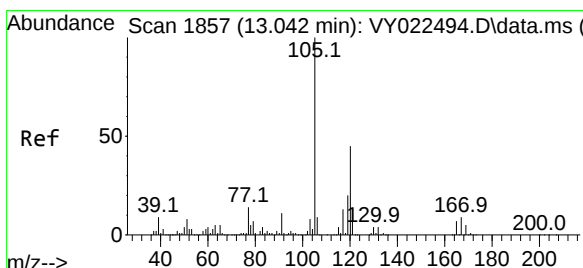
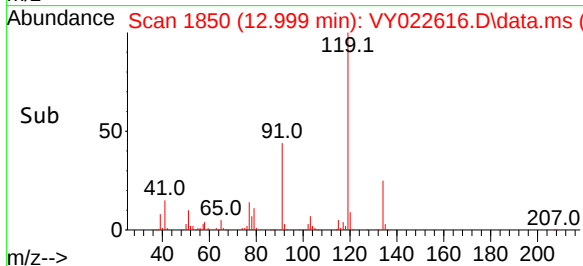
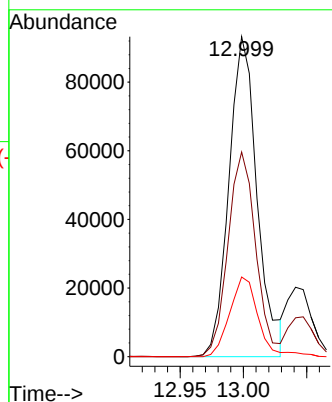
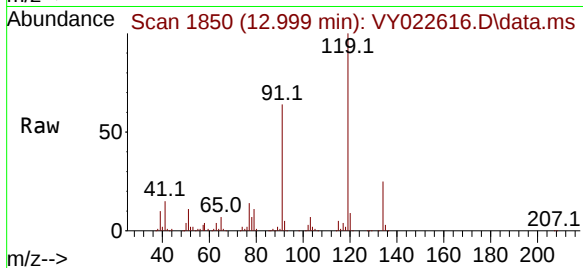
Tgt Ion:119 Resp: 144732

Ion Ratio Lower Upper

119 100

91 63.2 32.1 96.3

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.684 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022616.D

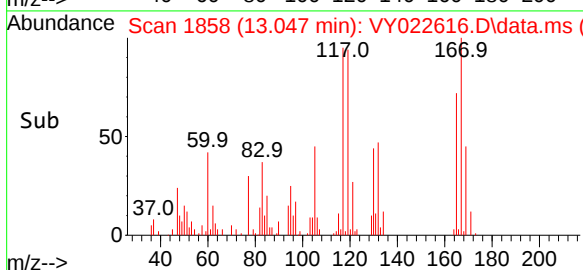
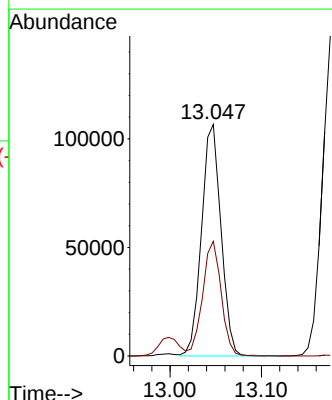
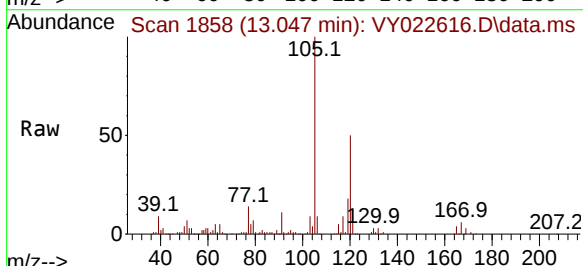
Acq: 09 Jun 2025 09:28

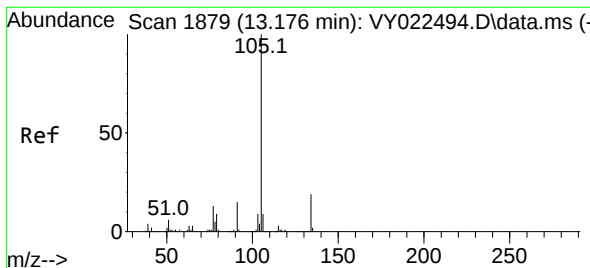
Tgt Ion:105 Resp: 157518

Ion Ratio Lower Upper

105 100

120 47.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.212 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

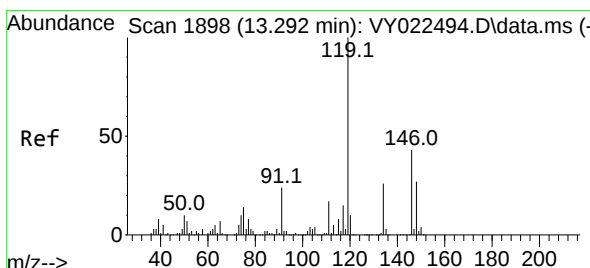
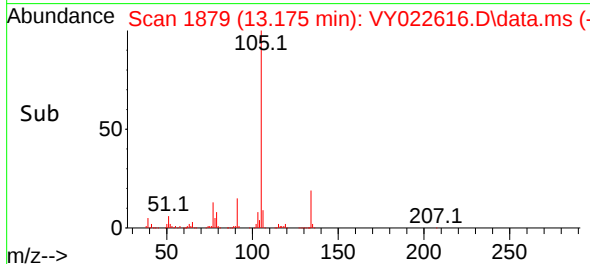
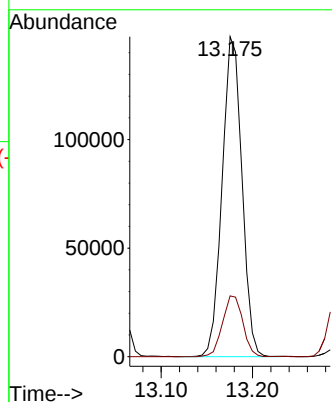
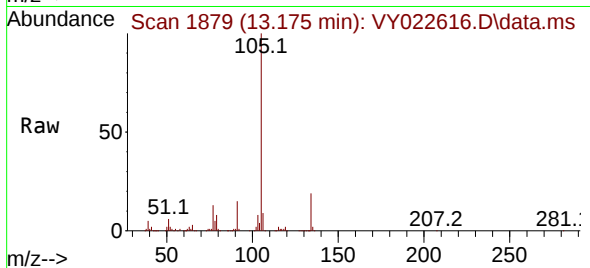
VY0609SBS01

Tgt Ion:105 Resp: 222292

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.850 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

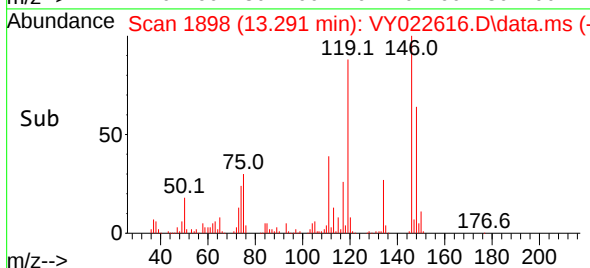
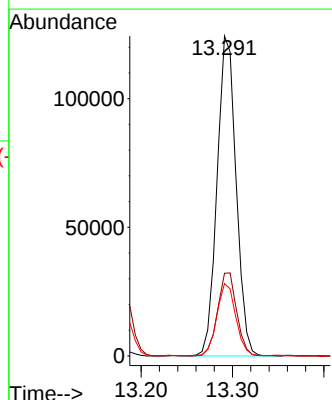
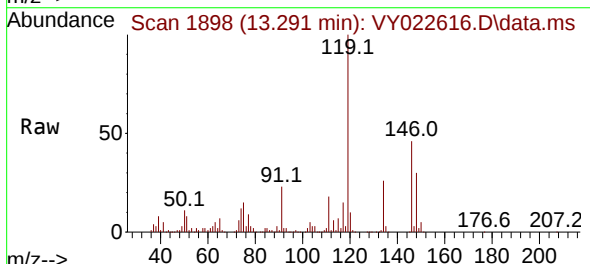
Tgt Ion:119 Resp: 179945

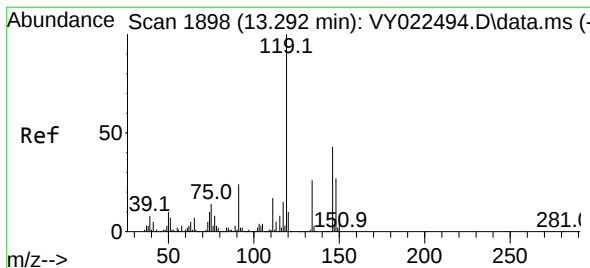
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 22.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.733 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

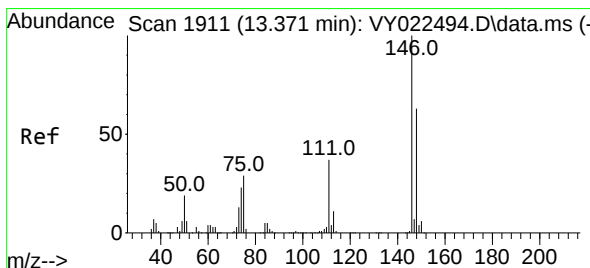
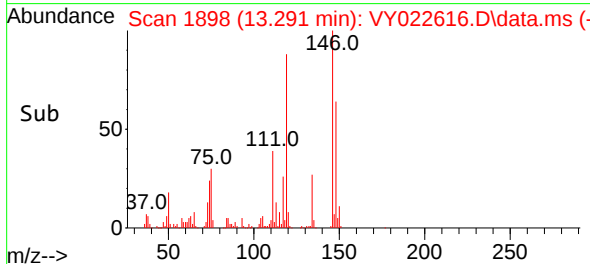
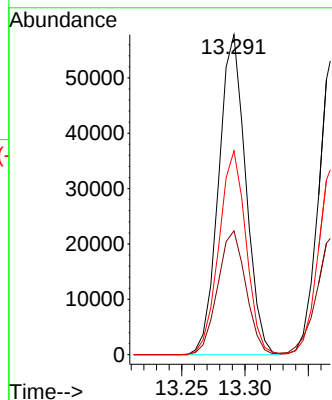
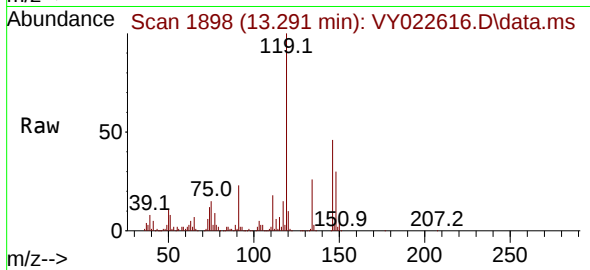
Tgt Ion:146 Resp: 85983

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

148 63.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.036 ug/l

RT: 13.370 min Scan# 1911

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

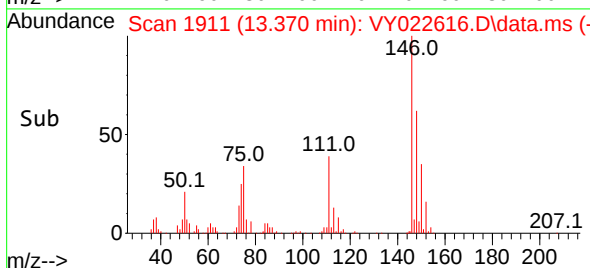
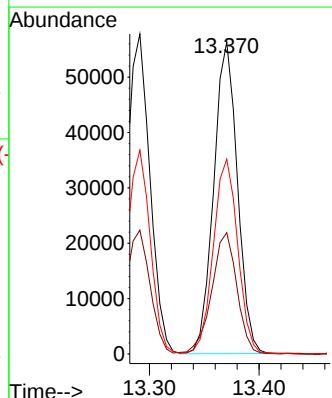
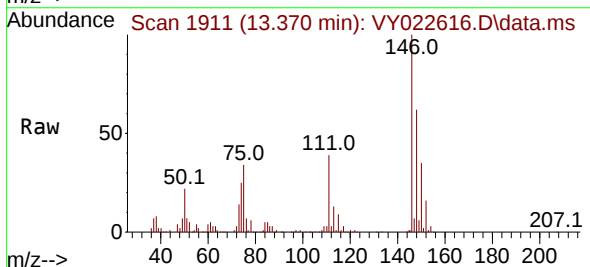
Tgt Ion:146 Resp: 84675

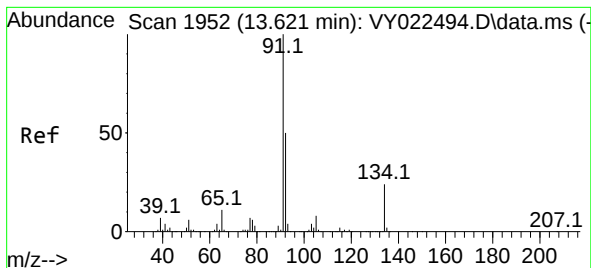
Ion Ratio Lower Upper

146 100

111 41.5 19.4 58.2

148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 20.520 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

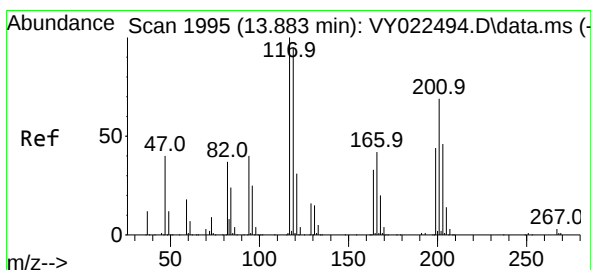
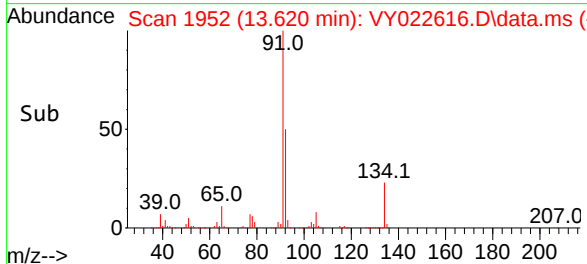
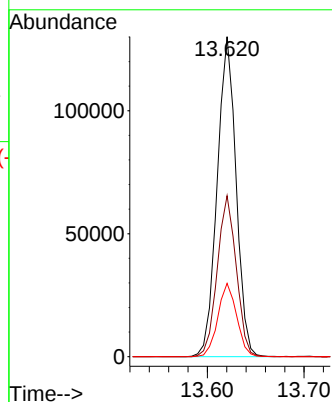
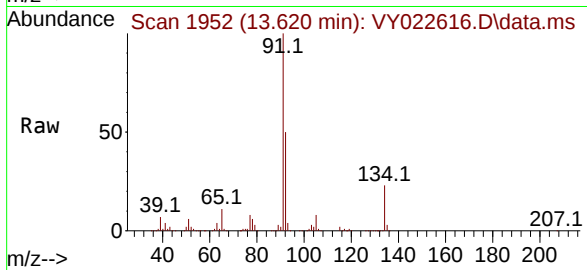
Tgt Ion: 91 Resp: 176487

Ion Ratio Lower Upper

91 100

92 50.6 25.9 77.8

134 22.8 12.0 36.1



#90

Hexachloroethane

Concen: 20.879 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.001 min

Lab File: VY022616.D

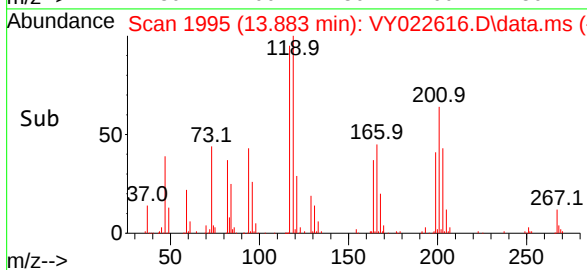
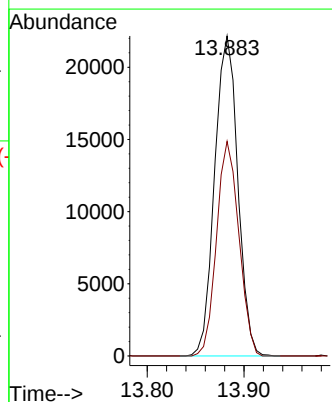
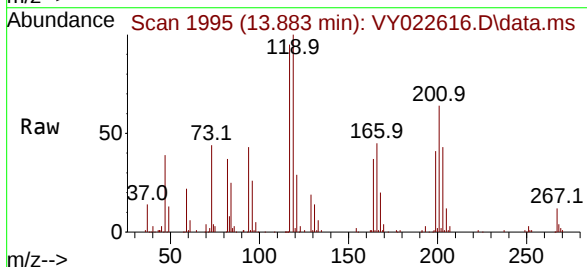
Acq: 09 Jun 2025 09:28

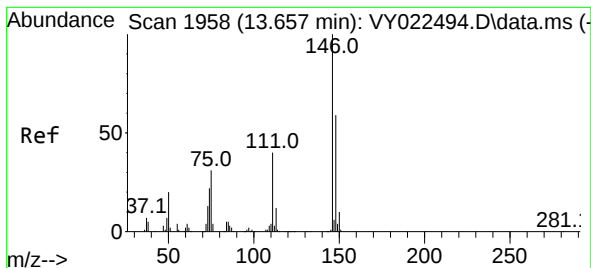
Tgt Ion: 117 Resp: 36848

Ion Ratio Lower Upper

117 100

201 64.6 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.701 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

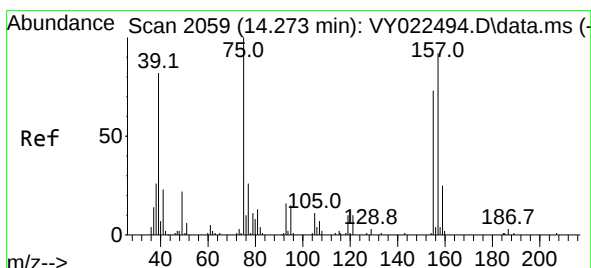
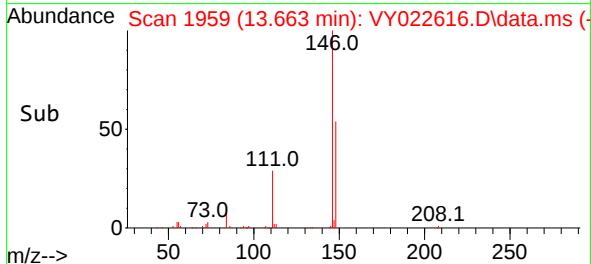
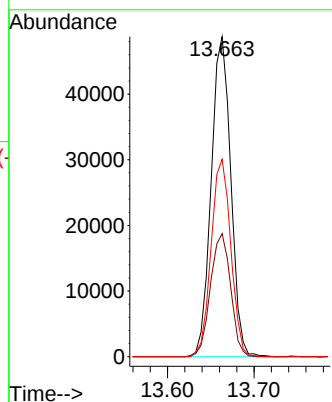
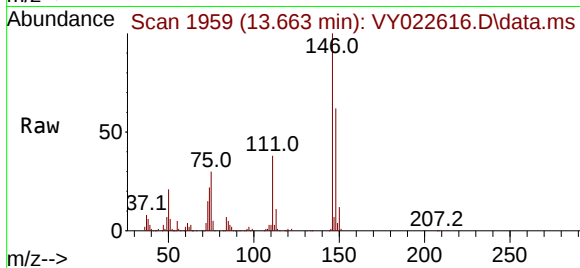
Tgt Ion:146 Resp: 76583

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.6

148 62.0 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.690 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.001 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

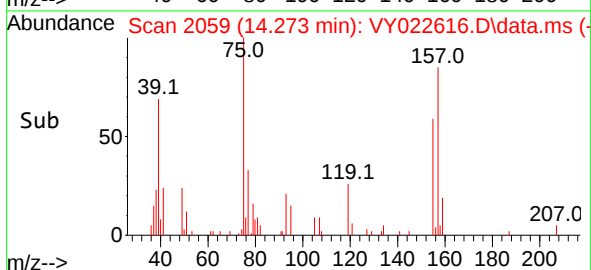
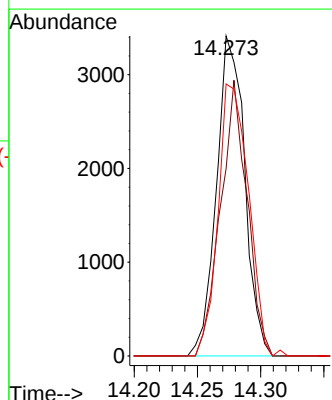
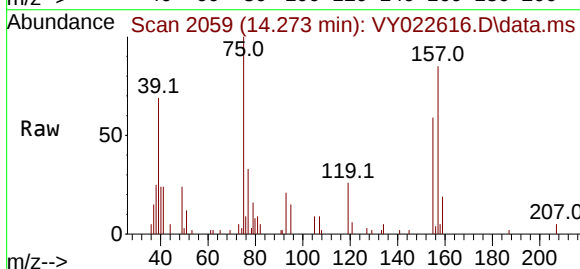
Tgt Ion: 75 Resp: 5282

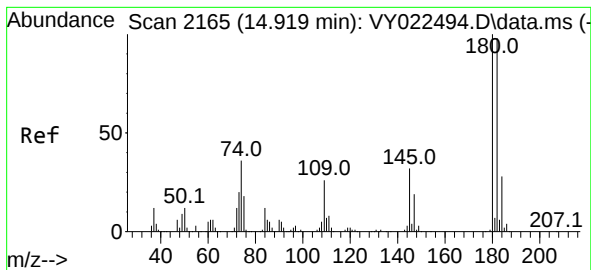
Ion Ratio Lower Upper

75 100

155 81.1 39.9 119.6

157 92.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.026 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

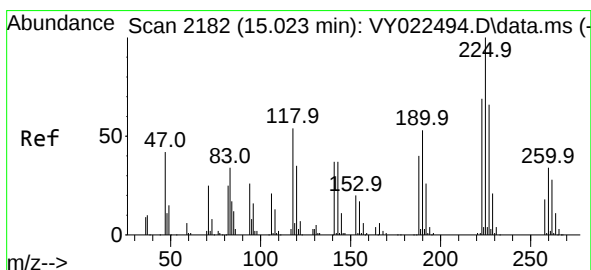
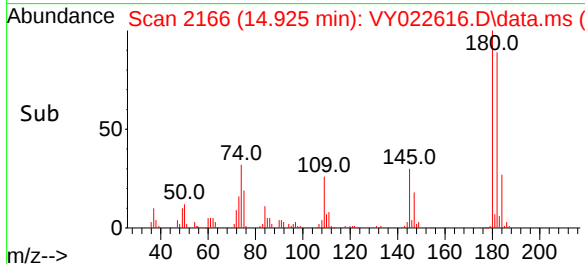
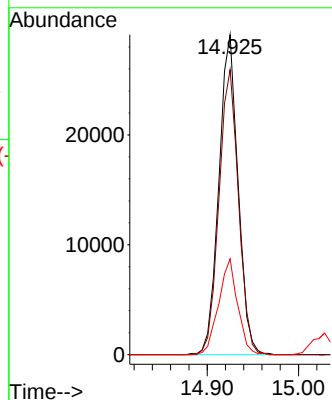
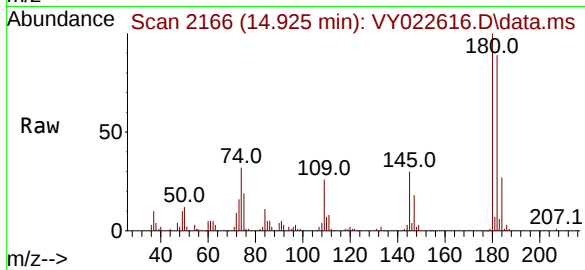
Tgt Ion:180 Resp: 42424

Ion Ratio Lower Upper

180 100

182 90.8 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.464 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

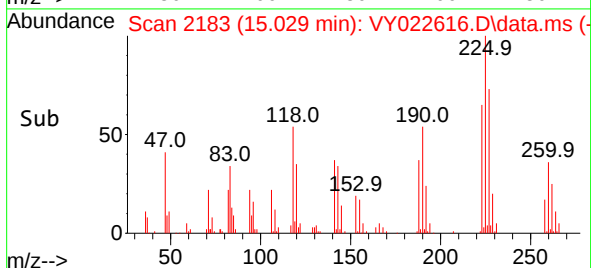
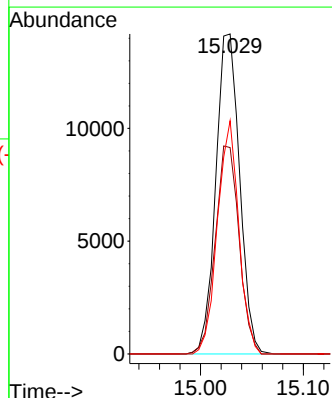
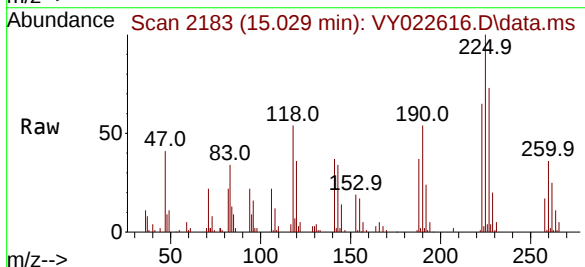
Tgt Ion:225 Resp: 22789

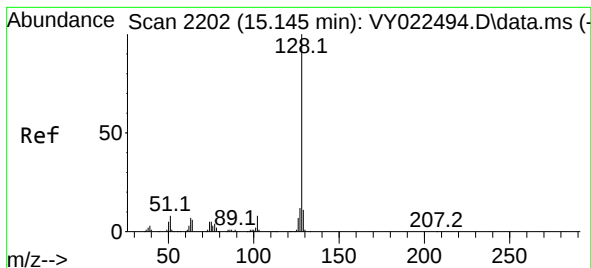
Ion Ratio Lower Upper

225 100

223 65.2 32.5 97.4

227 65.3 32.3 96.9





#95

Naphthalene

Concen: 18.843 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

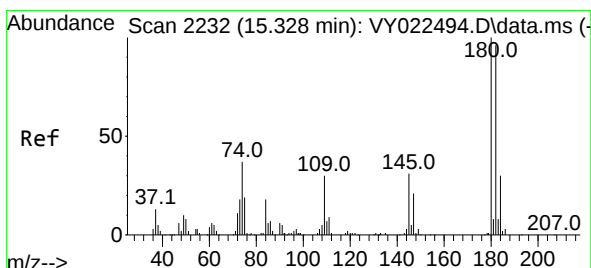
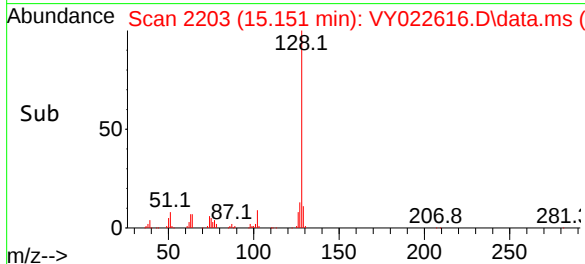
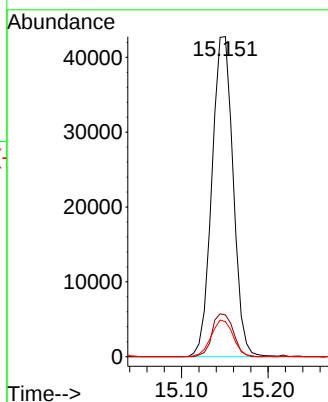
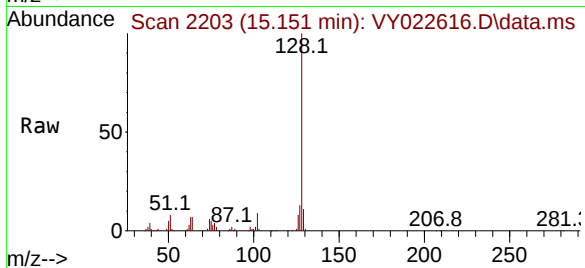
Tgt Ion:128 Resp: 72959

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.271 ug/l

RT: 15.333 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022616.D

Acq: 09 Jun 2025 09:28

Tgt Ion:180 Resp: 36781

Ion Ratio Lower Upper

180 100

182 93.4 47.1 141.3

145 30.4 15.2 45.6

