

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021518.D
 Acq On : 13 Mar 2025 12:13
 Operator : SY/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Quant Time: Mar 14 14:55:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	202139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	319039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	282466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	145688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	115804	54.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.634	113	111810	53.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.109	98	426188	53.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.407	95	141826	52.510	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	30642	16.519	ug/l	96
3) Chloromethane	2.074	50	50331	19.245	ug/l	100
4) Vinyl Chloride	2.202	62	54328	19.010	ug/l	98
5) Bromomethane	2.592	94	40659	19.684	ug/l	98
6) Chloroethane	2.738	64	40487	21.437	ug/l	94
7) Trichlorofluoromethane	3.055	101	81516	20.435	ug/l	95
8) Diethyl Ether	3.458	74	19338	17.493	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.823	101	41311	18.139	ug/l	99
10) Methyl Iodide	4.000	142	40669	17.567	ug/l	100
11) Tert butyl alcohol	4.866	59	12931	77.545	ug/l #	72
12) 1,1-Dichloroethene	3.787	96	37280	17.954	ug/l	94
13) Acrolein	3.653	56	12352	113.665	ug/l	90
14) Allyl chloride	4.384	41	61821	18.423	ug/l	99
15) Acrylonitrile	5.055	53	42020	89.292	ug/l	99
16) Acetone	3.872	43	63779	136.869	ug/l	94
17) Carbon Disulfide	4.104	76	111441	17.125	ug/l	100
18) Methyl Acetate	4.384	43	18876	18.256	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	90476	17.192	ug/l	99
20) Methylene Chloride	4.622	84	46836	19.148	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	42111	18.109	ug/l	93
22) Diisopropyl ether	6.024	45	134647	18.619	ug/l	97
23) Vinyl Acetate	5.963	43	361517	87.596	ug/l	99
24) 1,1-Dichloroethane	5.915	63	81762	19.157	ug/l	99
25) 2-Butanone	6.896	43	68766	106.680	ug/l	96
26) 2,2-Dichloropropane	6.890	77	72057	18.349	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	49527	18.748	ug/l	99
28) Bromochloromethane	7.244	49	34879	19.493	ug/l	100
29) Tetrahydrofuran	7.262	42	33533	84.266	ug/l	98
30) Chloroform	7.420	83	84890	19.154	ug/l	99
31) Cyclohexane	7.701	56	67119	16.774	ug/l #	92
32) 1,1,1-Trichloroethane	7.615	97	77360	19.063	ug/l	98
36) 1,1-Dichloropropene	7.841	75	57377	17.479	ug/l	99
37) Ethyl Acetate	6.987	43	24892	17.157	ug/l	96
38) Carbon Tetrachloride	7.823	117	68503	18.145	ug/l	99
39) Methylcyclohexane	9.109	83	66001	16.392	ug/l	99
40) Benzene	8.079	78	178382	18.447	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13208	16.719	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	48840	18.054	ug/l	99
43) Isopropyl Acetate	8.195	43	46562	16.532	ug/l #	86
44) Trichloroethene	8.865	130	45798	18.742	ug/l	93
45) 1,2-Dichloropropane	9.146	63	42849	18.618	ug/l	98
46) Dibromomethane	9.237	93	22993	17.956	ug/l	98
47) Bromodichloromethane	9.426	83	63876	18.783	ug/l	96
48) Methyl methacrylate	9.225	41	21238	16.421	ug/l	99
49) 1,4-Dioxane	9.231	88	4918	391.284	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	123632	85.074	ug/l	97
52) Toluene	10.170	92	112302	18.421	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	52912	17.660	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	62570	17.590	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	29943	17.876	ug/l	97
56) Ethyl methacrylate	10.438	69	35168	16.462	ug/l	99
57) 1,3-Dichloropropane	10.719	76	52085	17.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	87647	88.876	ug/l	98
59) 2-Hexanone	10.761	43	95612	99.502	ug/l	97
60) Dibromochloromethane	10.914	129	41159	17.923	ug/l	100
61) 1,2-Dibromoethane	11.017	107	28206	17.842	ug/l	97
64) Tetrachloroethene	10.651	164	47750	20.789	ug/l	98
65) Chlorobenzene	11.444	112	119107	17.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	43330	18.374	ug/l	99
67) Ethyl Benzene	11.523	91	204694	17.484	ug/l	100
68) m/p-Xylenes	11.633	106	160513	36.112	ug/l	99
69) o-Xylene	11.956	106	72309	17.651	ug/l	100
70) Styrene	11.974	104	121907	17.938	ug/l	100
71) Bromoform	12.133	173	23007	17.452	ug/l #	97
73) Isopropylbenzene	12.261	105	195319	17.019	ug/l	100
74) N-amyl acetate	12.072	43	38348	15.386	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	32786	16.189	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	44108	30.045	ug/l #	100
77) Bromobenzene	12.535	156	45334	16.885	ug/l	98
78) n-propylbenzene	12.596	91	242434	17.394	ug/l	100
79) 2-Chlorotoluene	12.682	91	138155	17.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	162818	17.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	9663	14.963	ug/l	98
82) 4-Chlorotoluene	12.779	91	143919	17.439	ug/l	99
83) tert-Butylbenzene	12.999	119	145270	17.461	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	163133	17.617	ug/l	100
85) sec-Butylbenzene	13.182	105	213082	17.213	ug/l	100
86) p-Isopropyltoluene	13.297	119	176994	17.355	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	92773	17.359	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	92265	17.653	ug/l	98
89) n-Butylbenzene	13.620	91	163207	17.331	ug/l	99
90) Hexachloroethane	13.883	117	37636	17.299	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	80371	17.546	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5403	17.810	ug/l	88
93) 1,2,4-Trichlorobenzene	14.925	180	41142	16.444	ug/l	96
94) Hexachlorobutadiene	15.029	225	28082	17.906	ug/l	96
95) Naphthalene	15.151	128	59736	16.138	ug/l	97
96) 1,2,3-Trichlorobenzene	15.334	180	35113	16.687	ug/l	98

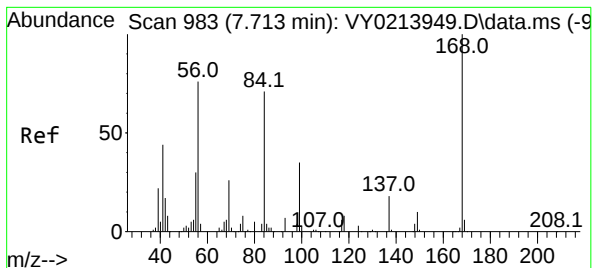
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

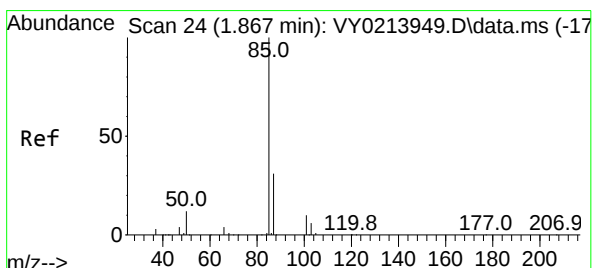
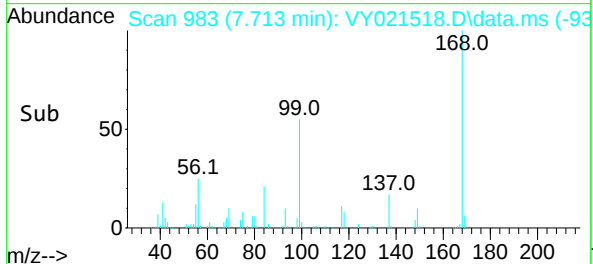
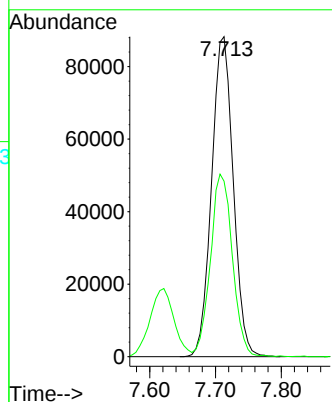
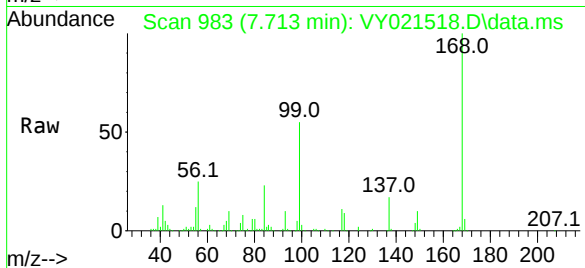
VY0313SBS01

Tgt Ion:168 Resp: 202139

Ion Ratio Lower Upper

168 100

99 54.6 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 16.519 ug/l

RT: 1.866 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY021518.D

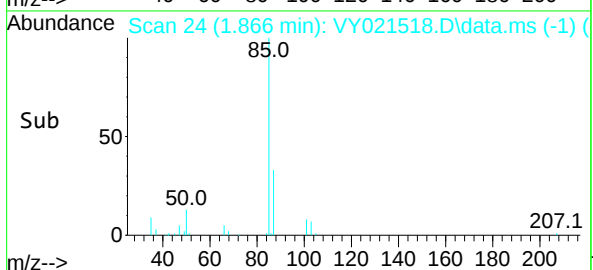
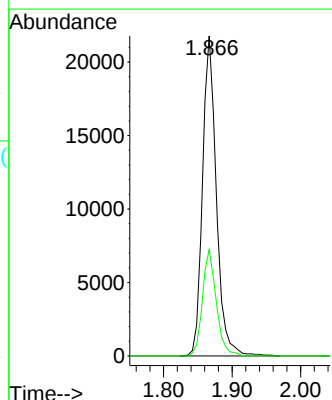
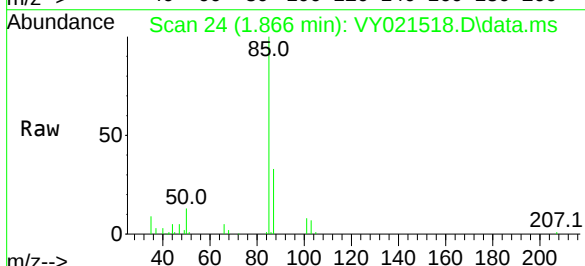
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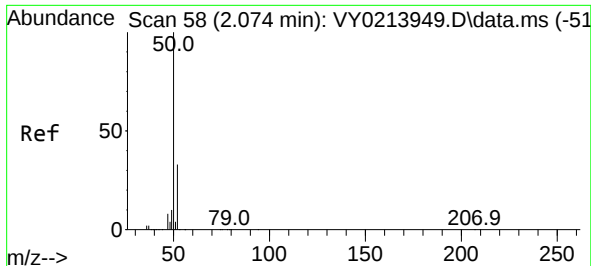
Tgt Ion: 85 Resp: 30642

Ion Ratio Lower Upper

85 100

87 33.3 15.7 47.0

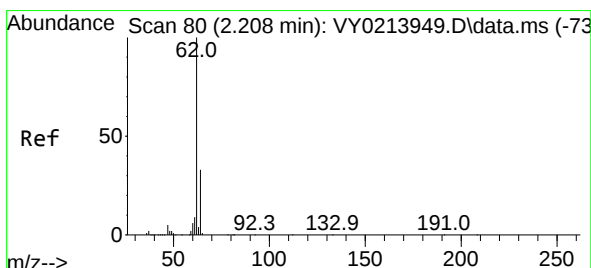
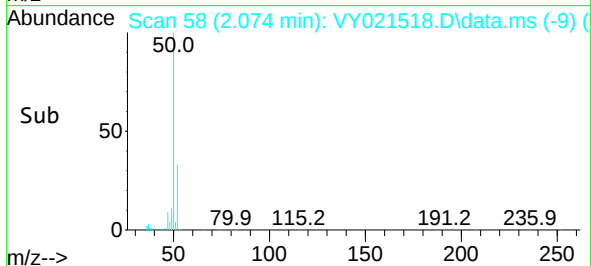
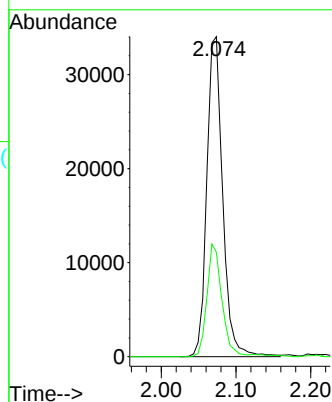
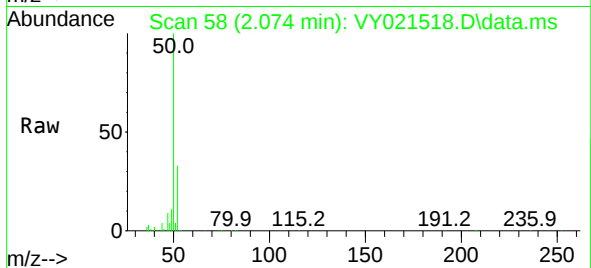




#3
Chloromethane
Concen: 19.245 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

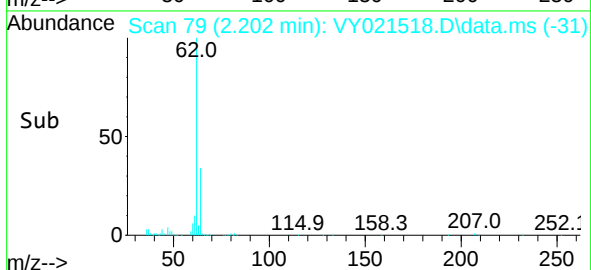
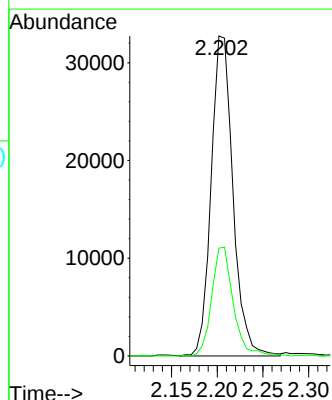
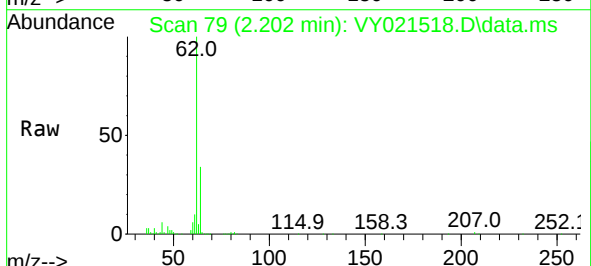
Instrument :
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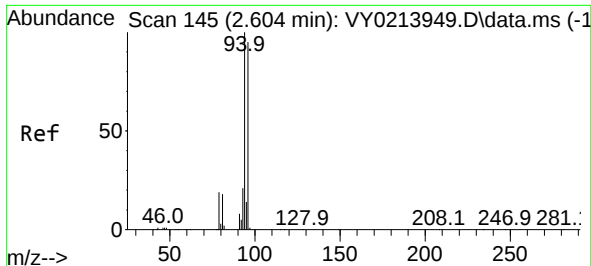
Tgt Ion: 50 Resp: 50331
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 19.010 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 62 Resp: 54328
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2

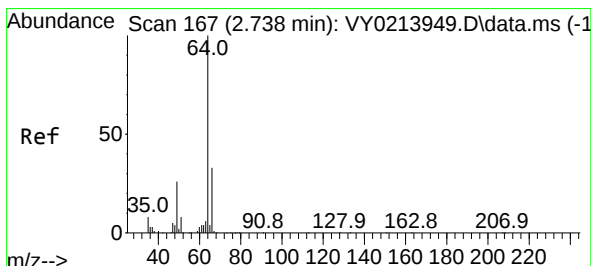
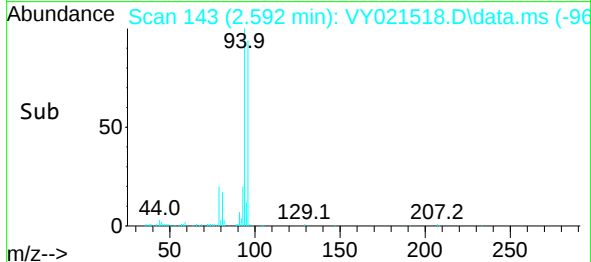
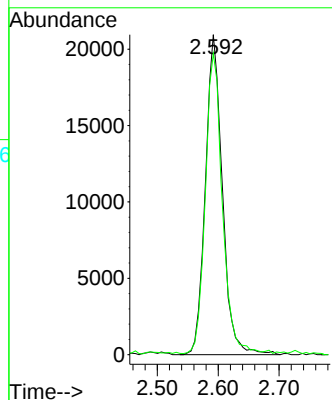
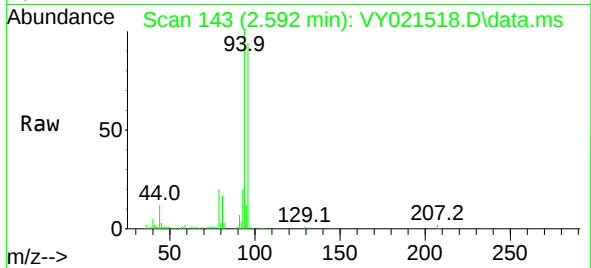




#5
Bromomethane
Concen: 19.684 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

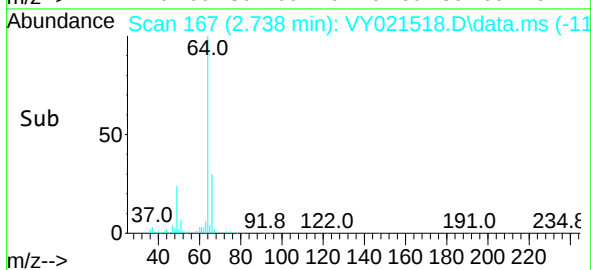
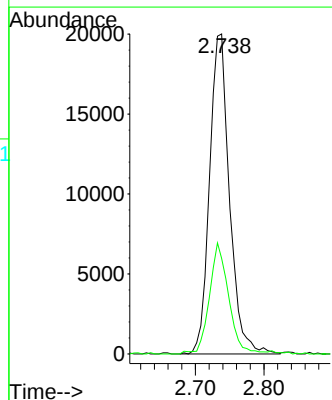
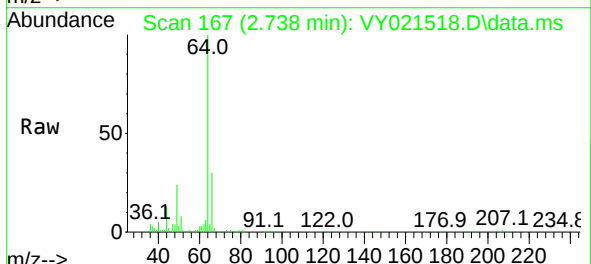
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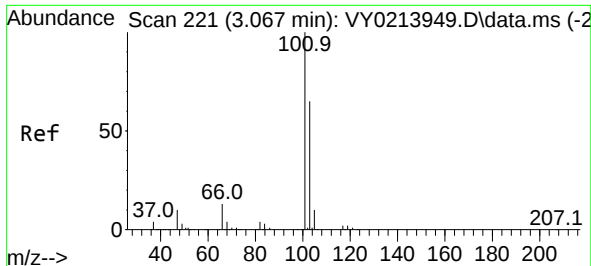
Tgt Ion: 94 Resp: 40659
Ion Ratio Lower Upper
94 100
96 93.7 76.3 114.5



#6
Chloroethane
Concen: 21.437 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 64 Resp: 40487
Ion Ratio Lower Upper
64 100
66 29.8 26.7 40.1

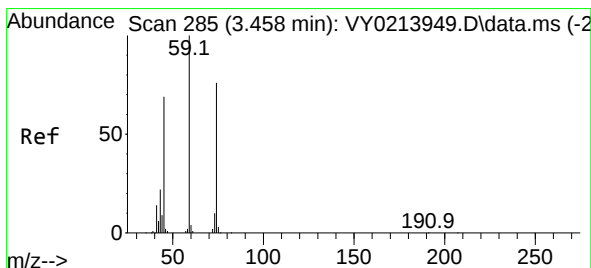
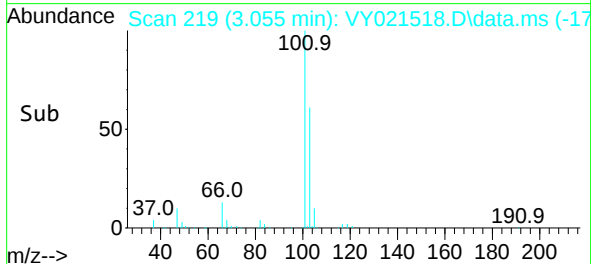
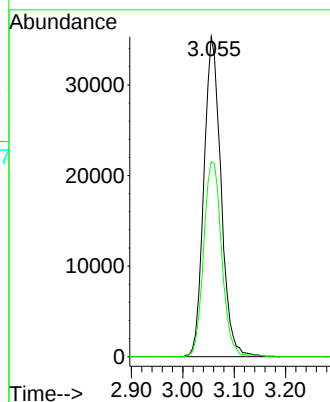
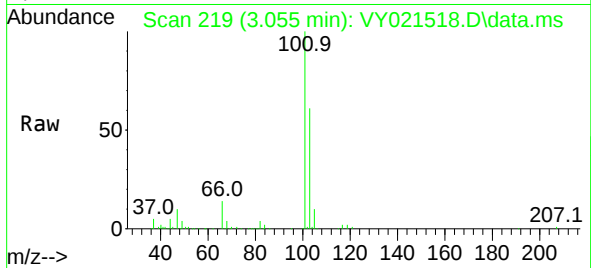




#7
 Trichlorofluoromethane
 Concen: 20.435 ug/l
 RT: 3.055 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

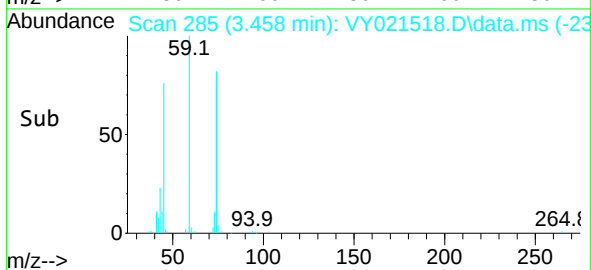
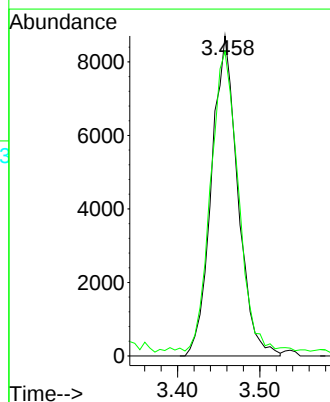
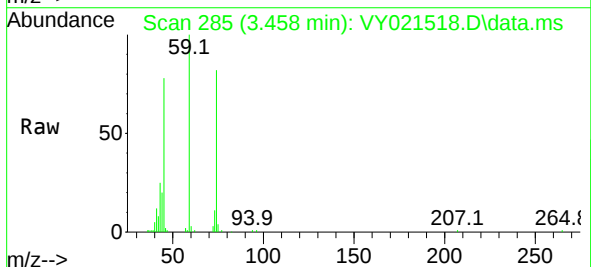
Instrument :
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 VY0313SBS01

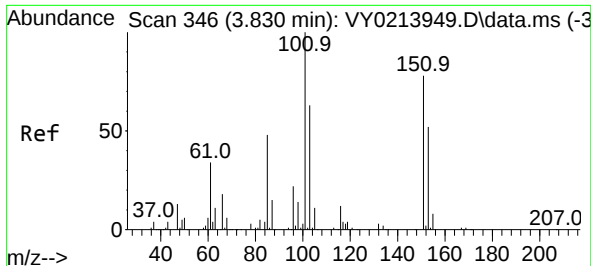
Tgt Ion:101 Resp: 81516
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 17.493 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion: 74 Resp: 19338
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.7 149.1

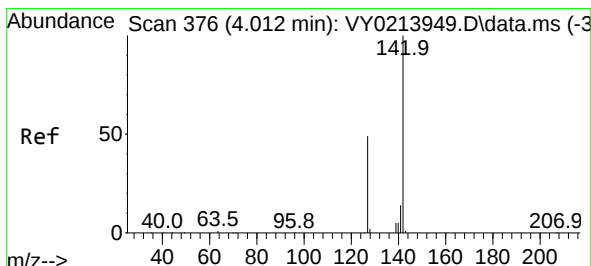
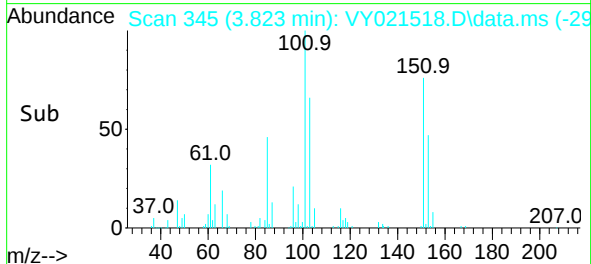
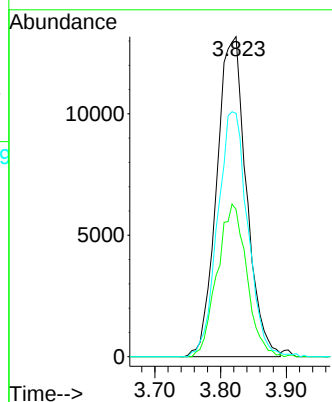
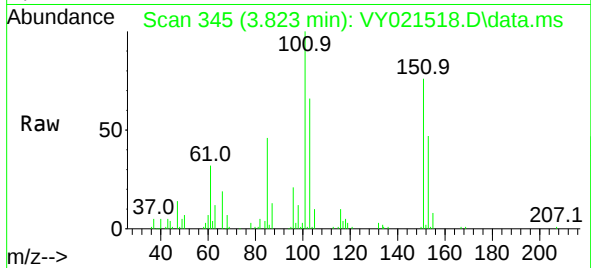




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.139 ug/l
RT: 3.823 min Scan# 34
Delta R.T. -0.007 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

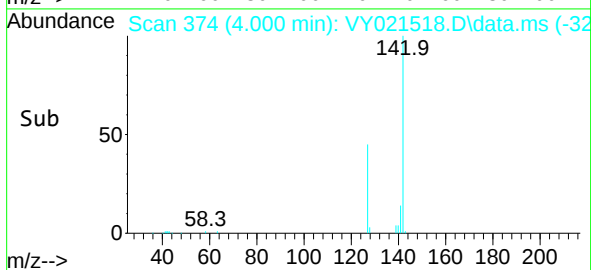
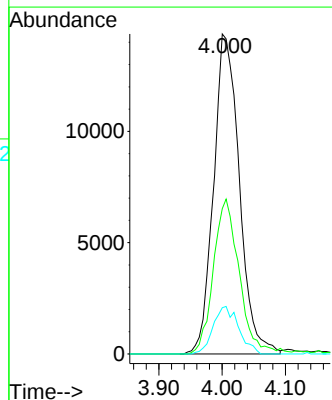
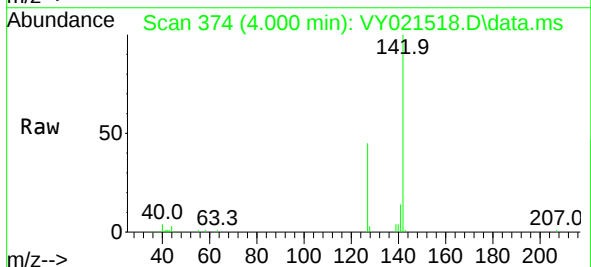
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

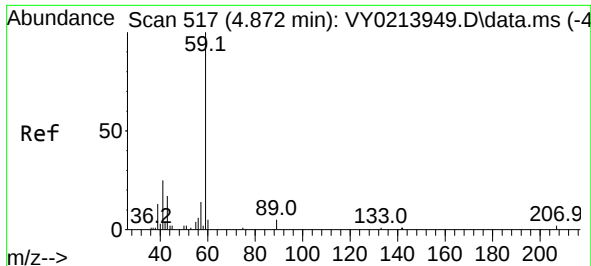
Tgt Ion:101 Resp: 41311
Ion Ratio Lower Upper
101 100
85 47.3 37.1 55.7
151 78.0 62.1 93.1



#10
Methyl Iodide
Concen: 17.567 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:142 Resp: 40669
Ion Ratio Lower Upper
142 100
127 48.6 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 77.545 ug/l

RT: 4.866 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

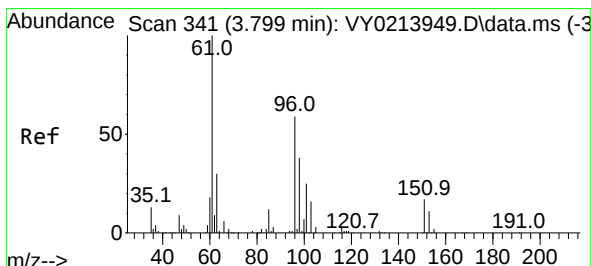
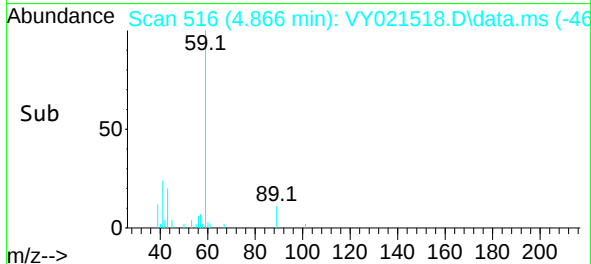
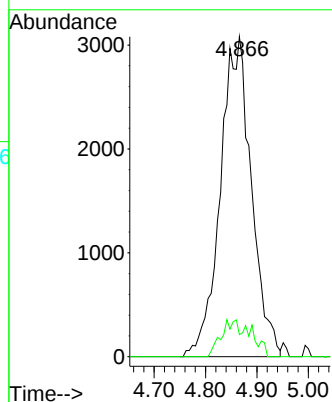
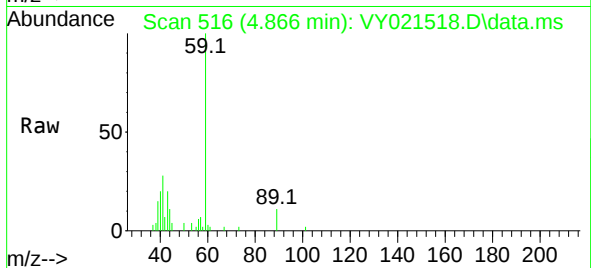
VY0313SBS01

Tgt Ion: 59 Resp: 12931

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 17.954 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

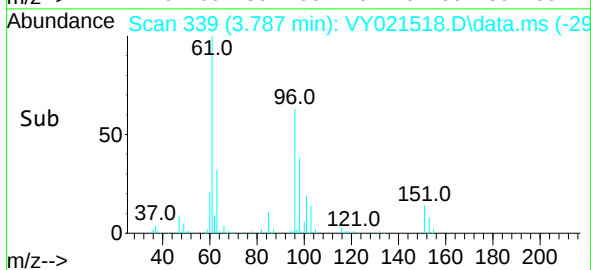
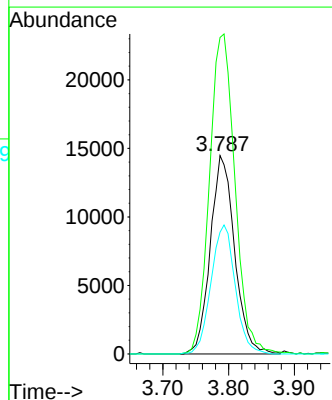
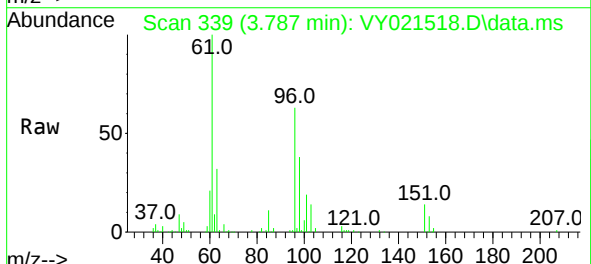
Tgt Ion: 96 Resp: 37280

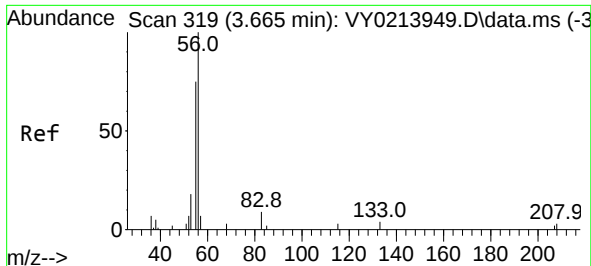
Ion Ratio Lower Upper

96 100

61 159.5 135.2 202.8

98 61.4 51.4 77.2

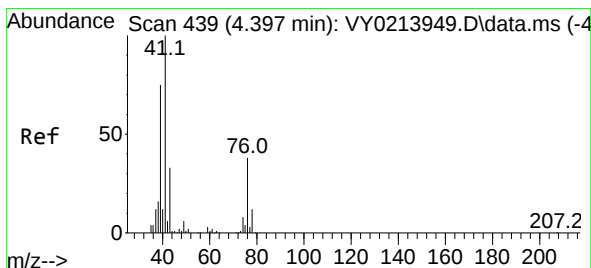
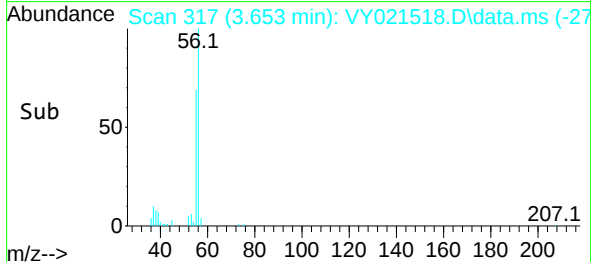
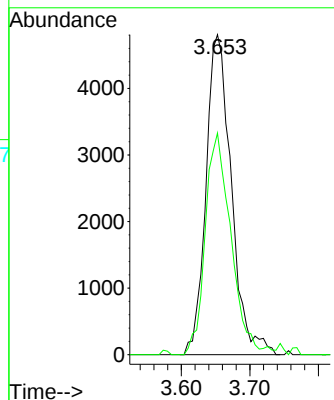
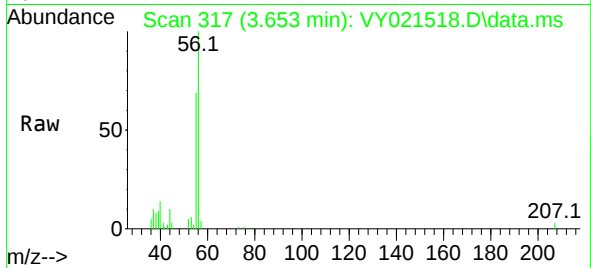




#13
Acrolein
Concen: 113.665 ug/l
RT: 3.653 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

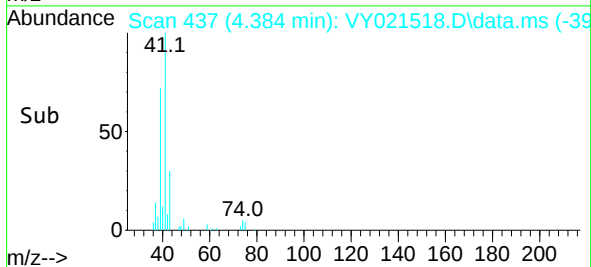
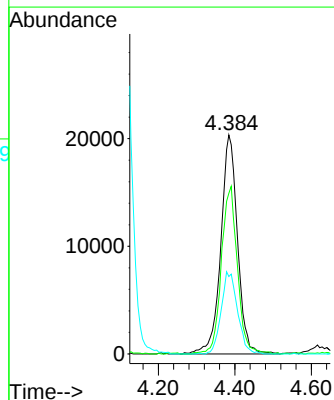
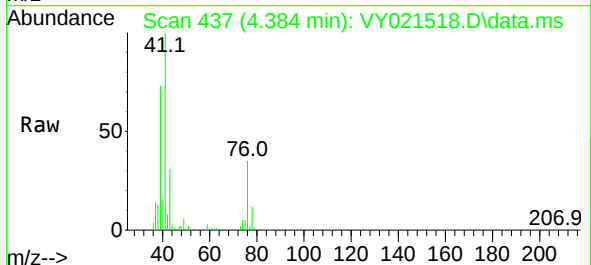
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

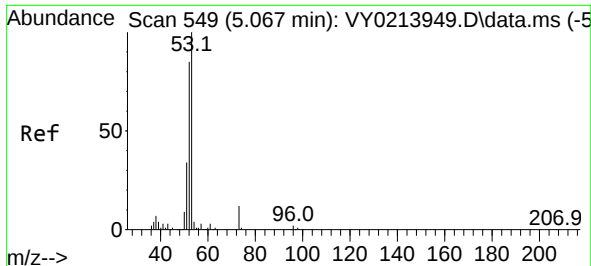
Tgt Ion: 56 Resp: 12352
Ion Ratio Lower Upper
56 100
55 70.5 63.4 95.2



#14
Allyl chloride
Concen: 18.423 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 41 Resp: 61821
Ion Ratio Lower Upper
41 100
39 73.5 59.3 88.9
76 36.6 29.8 44.8

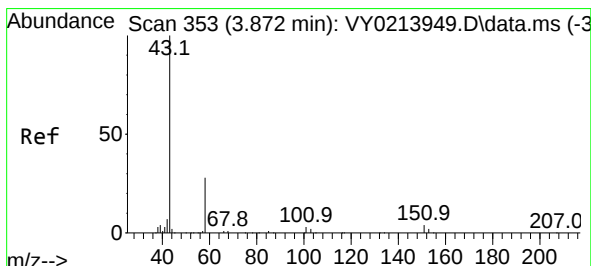
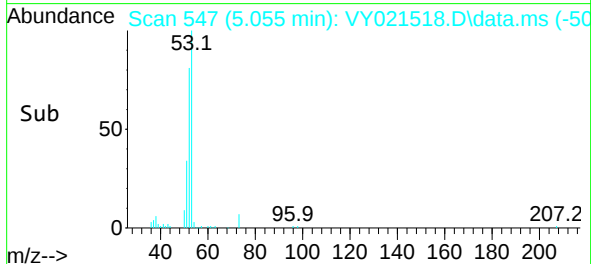
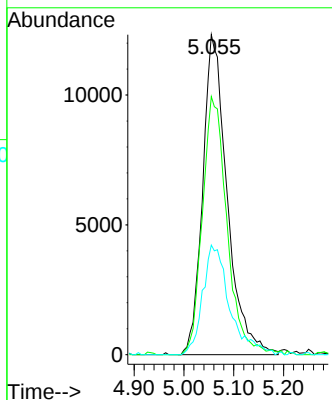
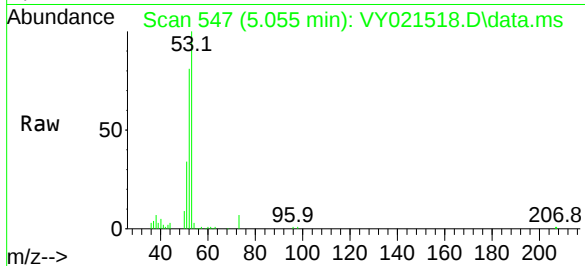




#15
Acrylonitrile
Concen: 89.292 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

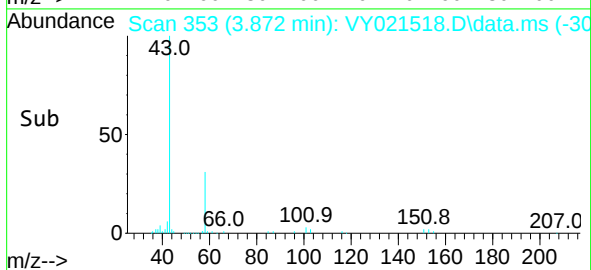
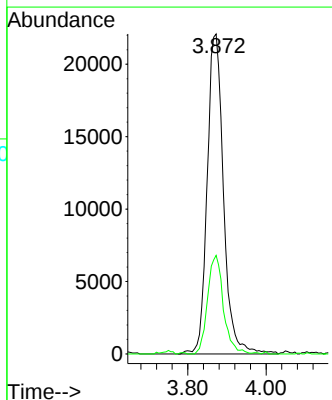
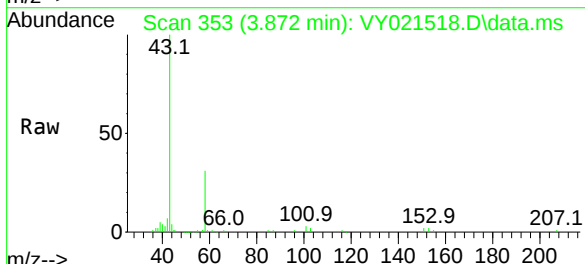
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

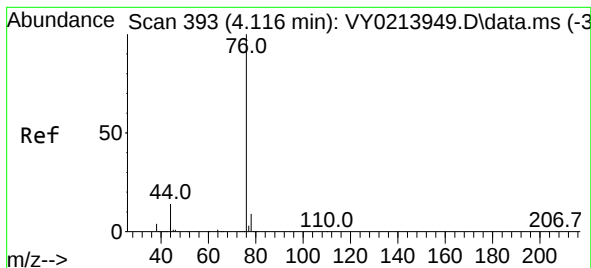
Tgt Ion: 53 Resp: 42020
Ion Ratio Lower Upper
53 100
52 81.1 66.3 99.5
51 37.7 30.3 45.5



#16
Acetone
Concen: 136.869 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 43 Resp: 63779
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1





#17

Carbon Disulfide

Concen: 17.125 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

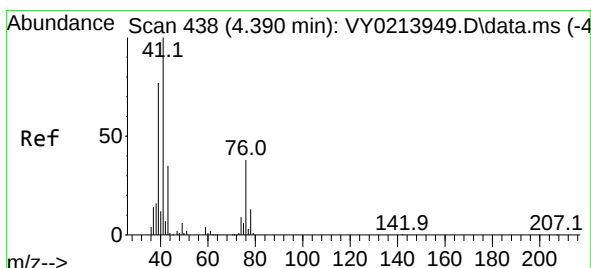
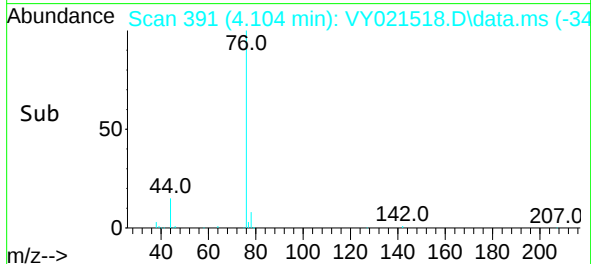
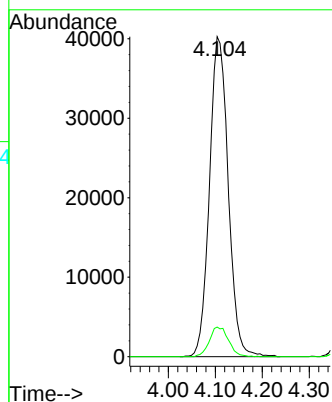
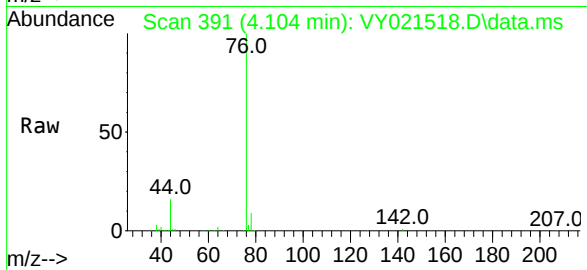
VY0313SBS01

Tgt Ion: 76 Resp: 111441

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 18.256 ug/l

RT: 4.384 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021518.D

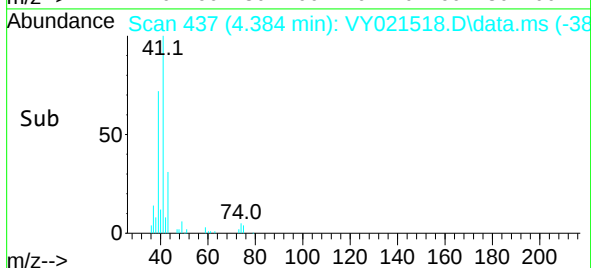
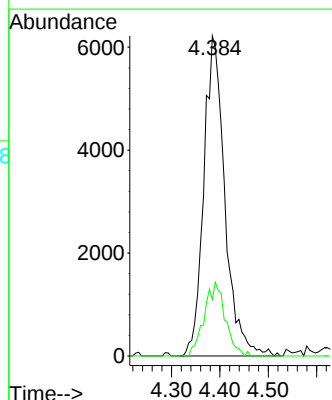
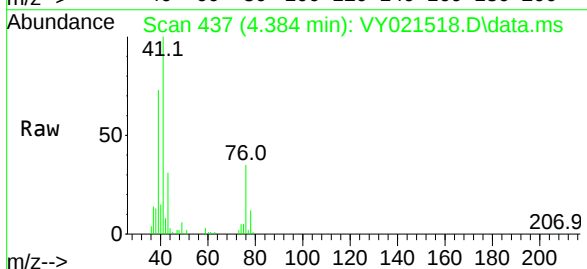
Acq: 13 Mar 2025 12:13

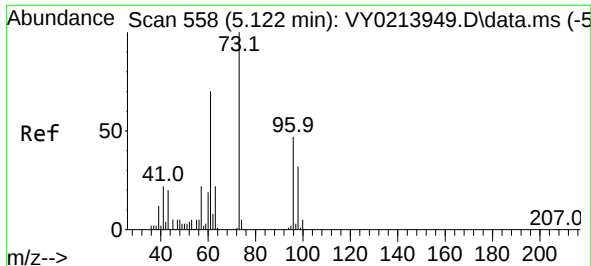
Tgt Ion: 43 Resp: 18876

Ion Ratio Lower Upper

43 100

74 22.7 19.4 29.0

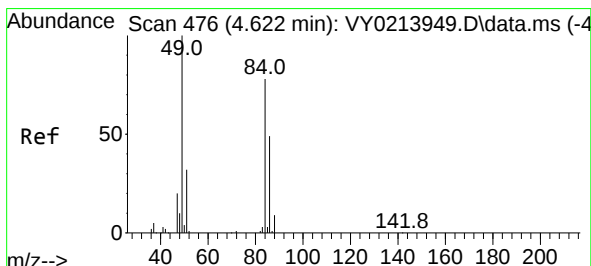
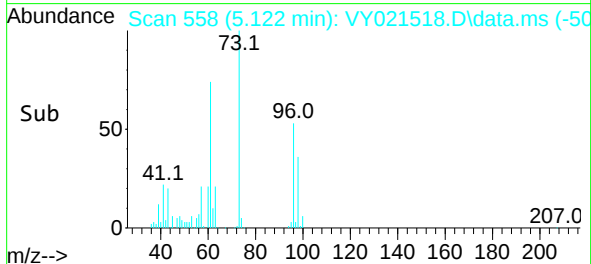
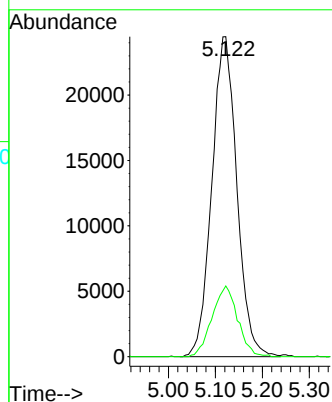
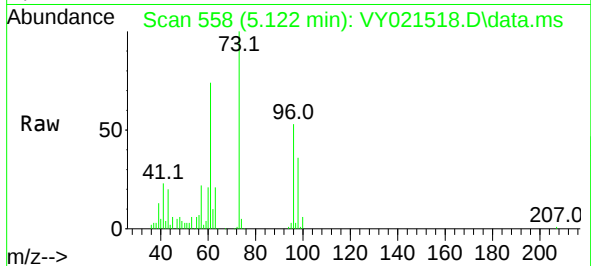




#19
Methyl tert-butyl Ether
Concen: 17.192 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

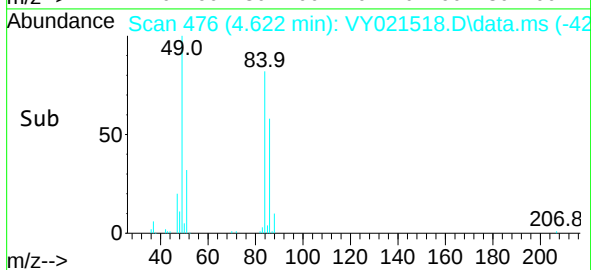
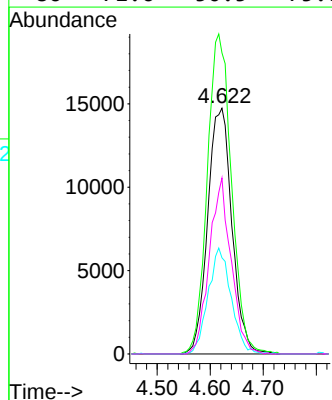
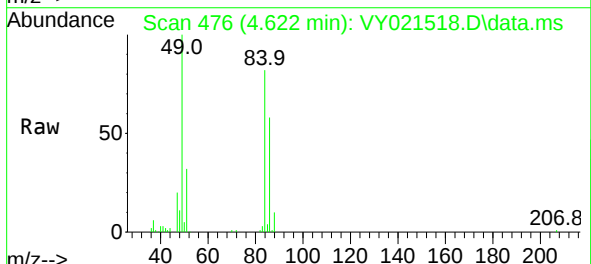
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

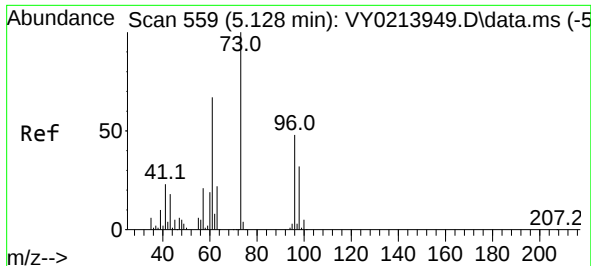
Tgt Ion: 73 Resp: 90476
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 19.148 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 84 Resp: 46836
Ion Ratio Lower Upper
84 100
49 122.5 102.0 153.0
51 39.1 33.0 49.6
86 71.6 50.5 75.7

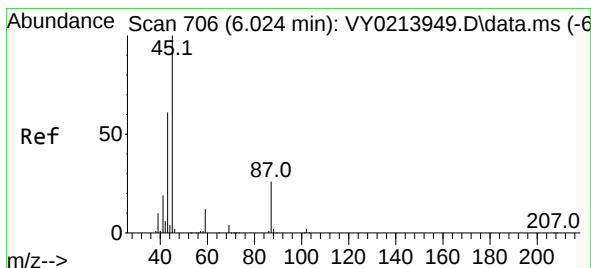
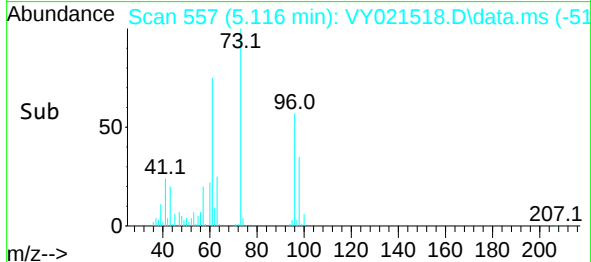
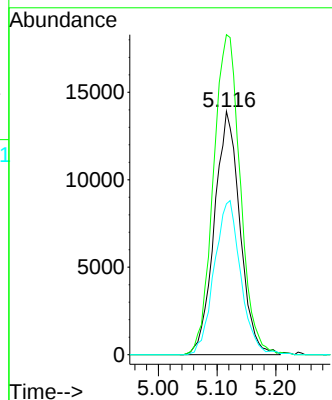
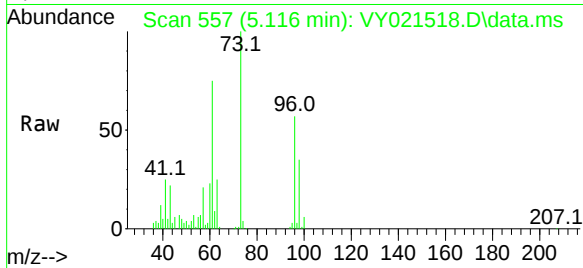




#21
trans-1,2-Dichloroethene
Concen: 18.109 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

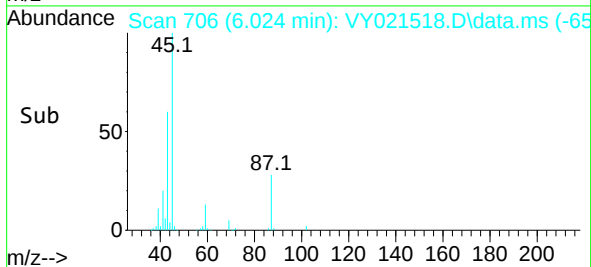
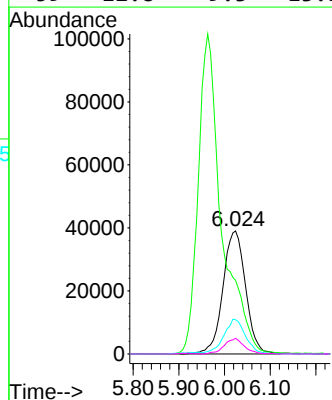
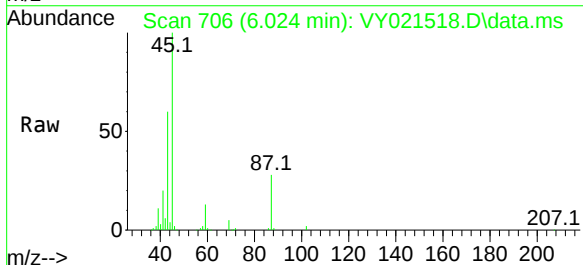
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

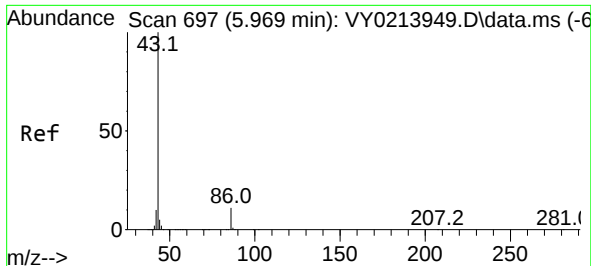
Tgt Ion: 96 Resp: 42111
Ion Ratio Lower Upper
96 100
61 131.5 111.5 167.3
98 62.0 53.8 80.8



#22
Diisopropyl ether
Concen: 18.619 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 45 Resp: 134647
Ion Ratio Lower Upper
45 100
43 58.8 48.7 73.1
87 27.8 21.5 32.3
59 12.8 9.3 13.9





#23

Vinyl Acetate

Concen: 87.596 ug/l

RT: 5.963 min Scan# 61

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

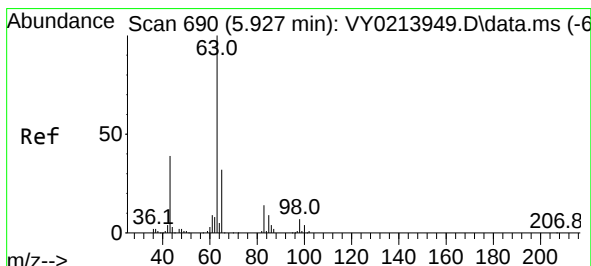
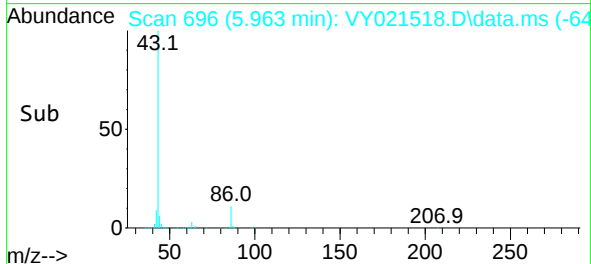
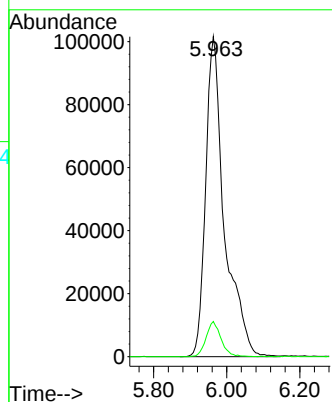
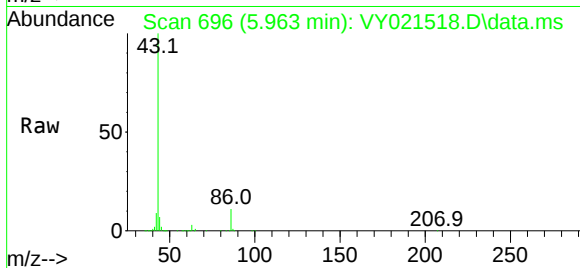
VY0313SBS01

Tgt Ion: 43 Resp: 361517

Ion Ratio Lower Upper

43 100

86 11.0 8.5 12.7



#24

1,1-Dichloroethane

Concen: 19.157 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

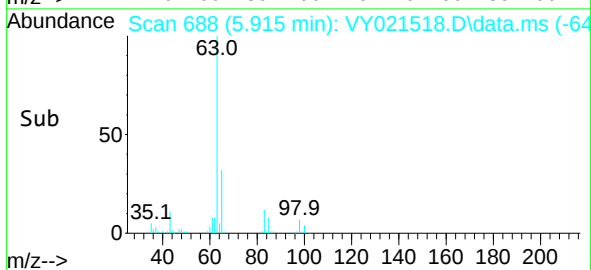
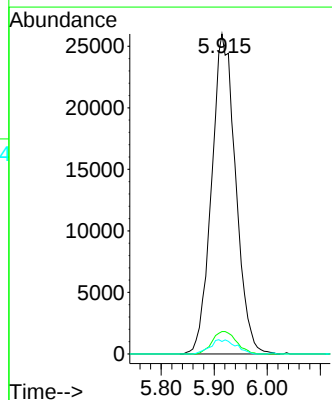
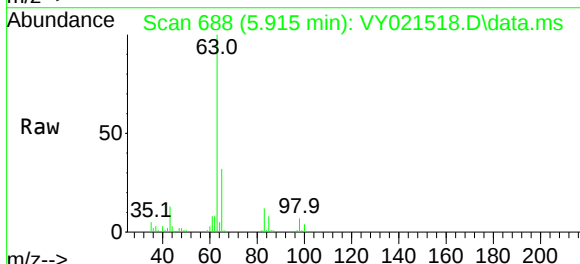
Tgt Ion: 63 Resp: 81762

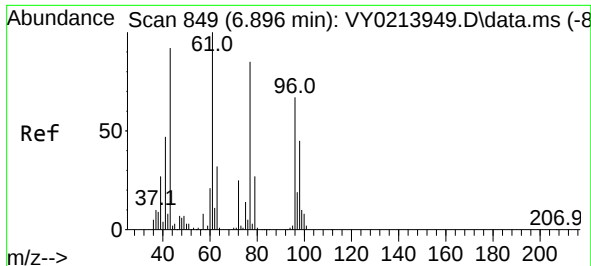
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 3.9 2.1 6.5

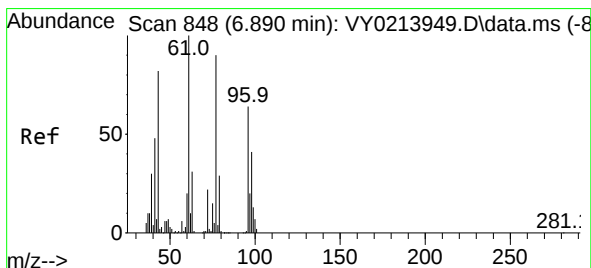
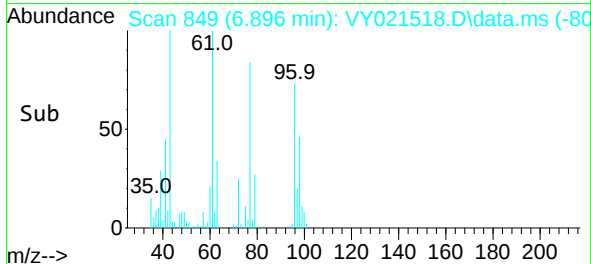
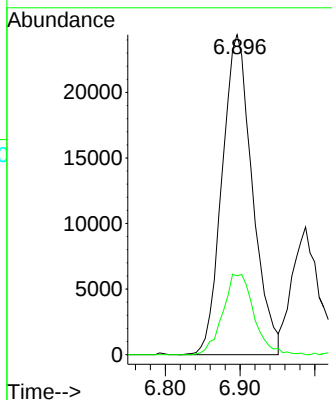
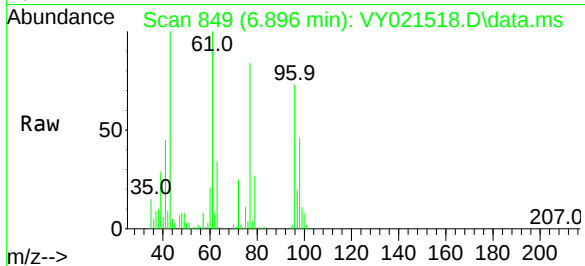




#25
2-Butanone
Concen: 106.680 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

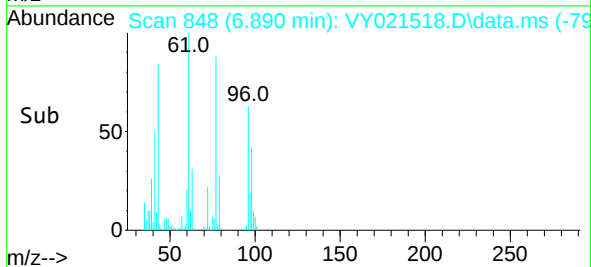
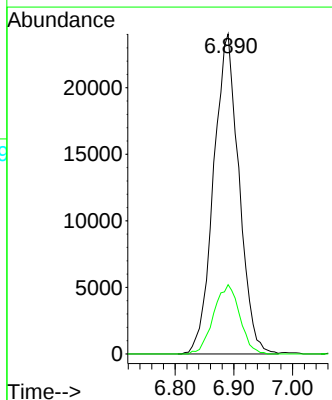
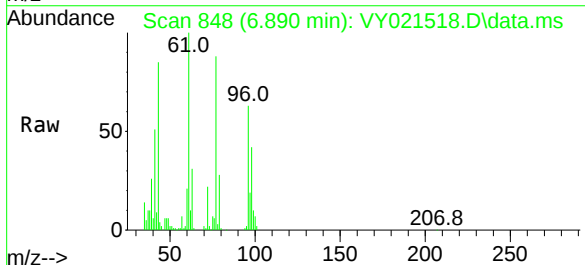
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

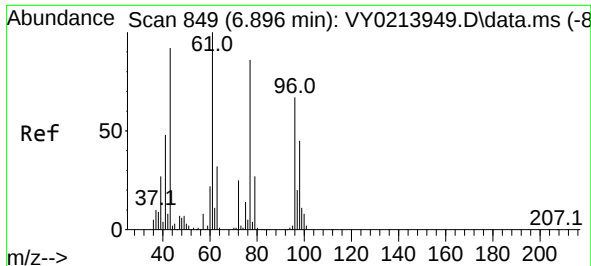
Tgt Ion: 43 Resp: 68766
Ion Ratio Lower Upper
43 100
72 24.7 21.4 32.0



#26
2,2-Dichloropropane
Concen: 18.349 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 77 Resp: 72057
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8



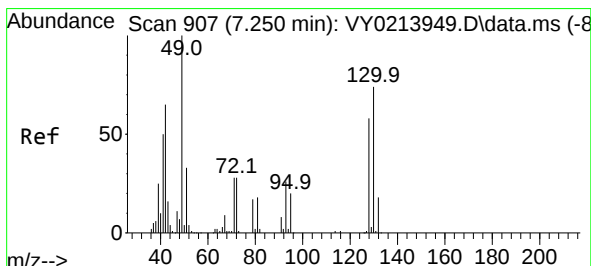
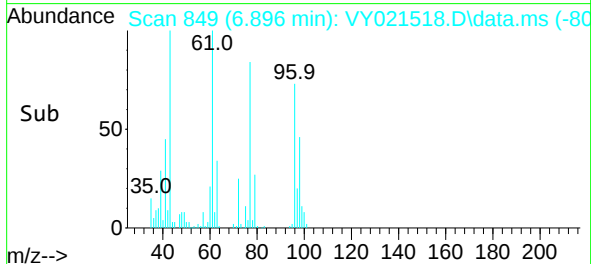
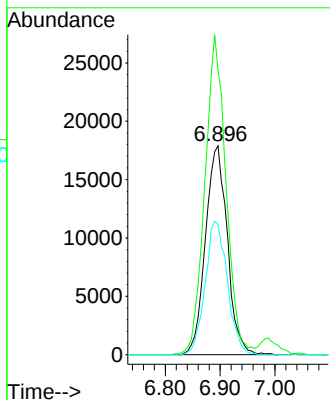
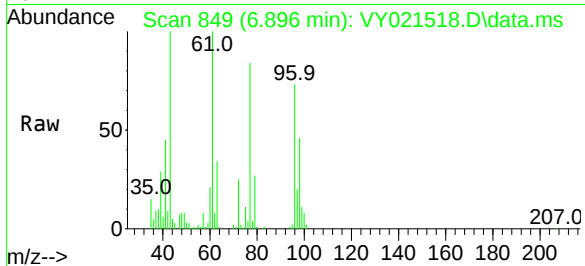


#27
 cis-1,2-Dichloroethene
 Concen: 18.748 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Tgt Ion: 96 Resp: 49527

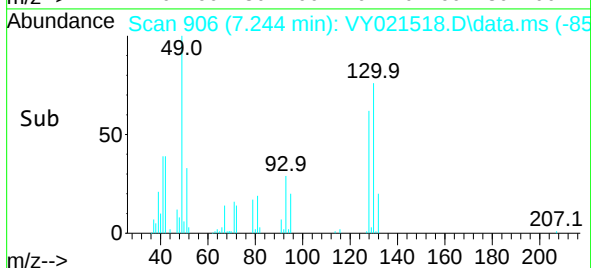
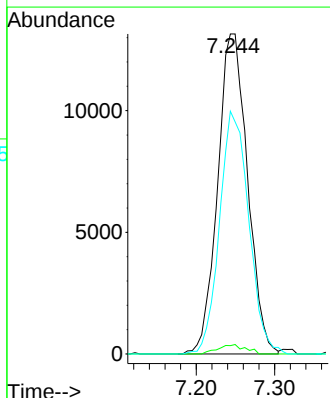
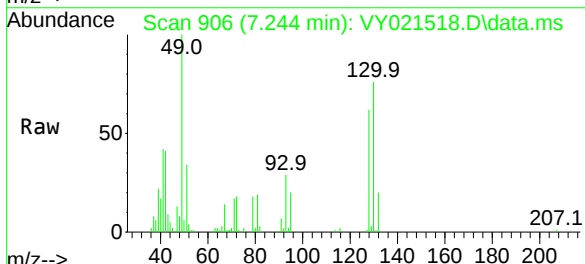
Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	300.8
98	64.8	0.0	130.0

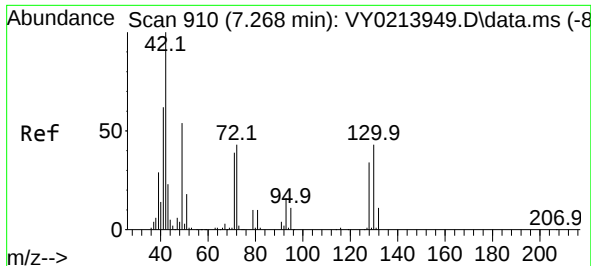


#28
 Bromochloromethane
 Concen: 19.493 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion: 49 Resp: 34879

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.2
130	74.2	59.6	89.4





#29

Tetrahydrofuran

Concen: 84.266 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

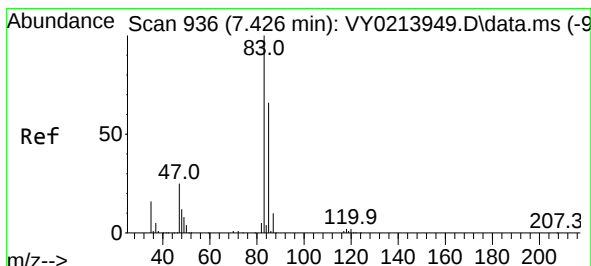
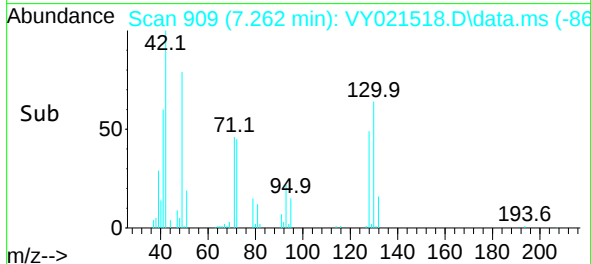
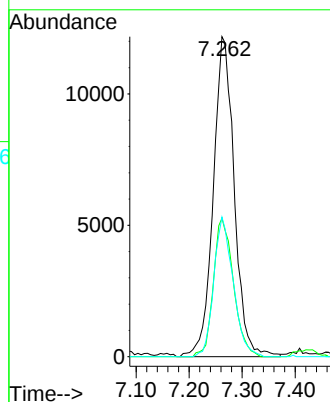
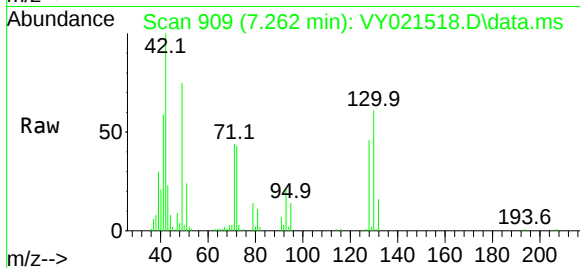
Tgt Ion: 42 Resp: 33533

Ion Ratio Lower Upper

42 100

72 41.1 34.8 52.2

71 40.3 32.6 48.8



#30

Chloroform

Concen: 19.154 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021518.D

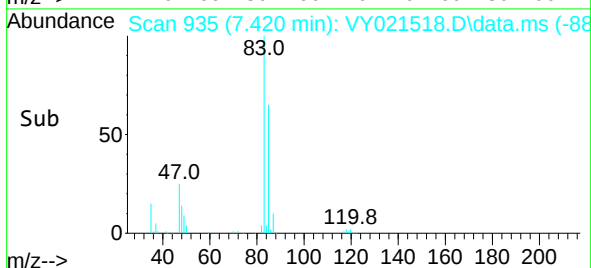
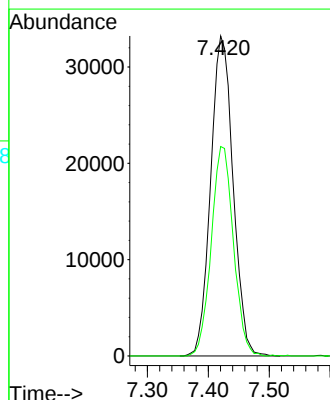
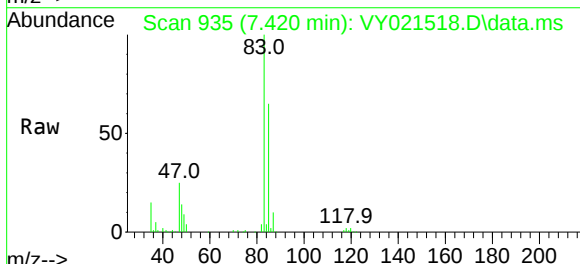
Acq: 13 Mar 2025 12:13

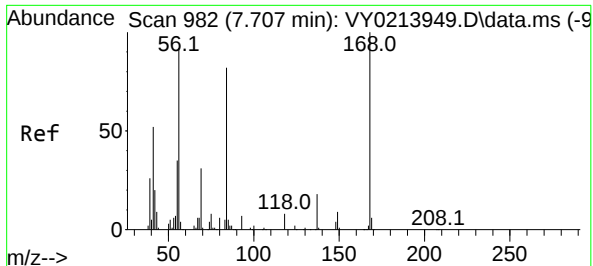
Tgt Ion: 83 Resp: 84890

Ion Ratio Lower Upper

83 100

85 65.5 53.1 79.7

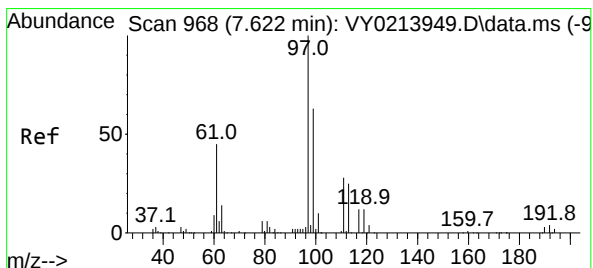
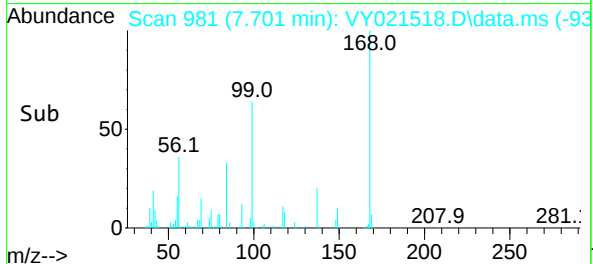
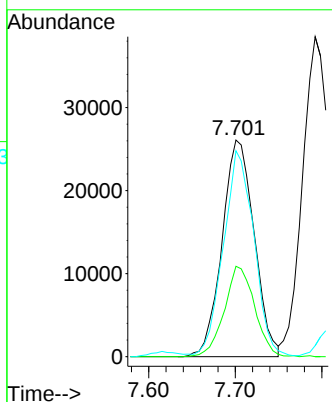
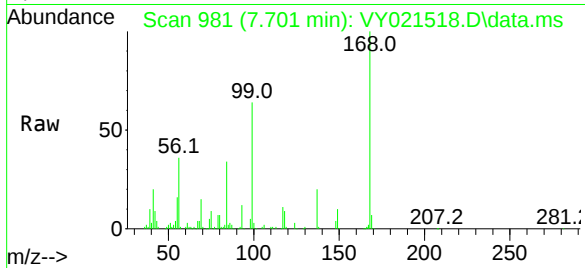




#31
Cyclohexane
Concen: 16.774 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

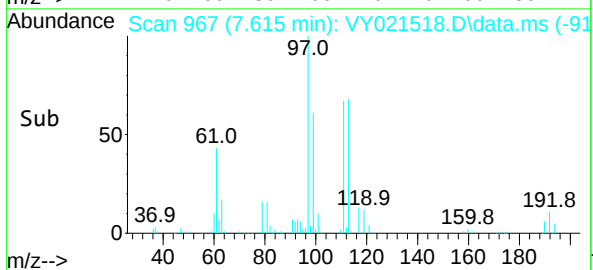
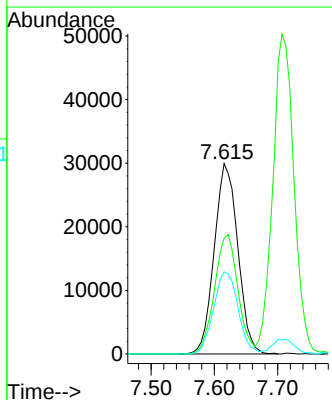
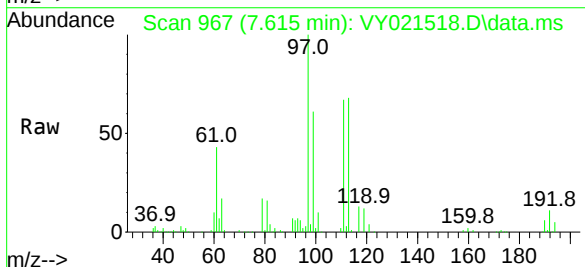
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

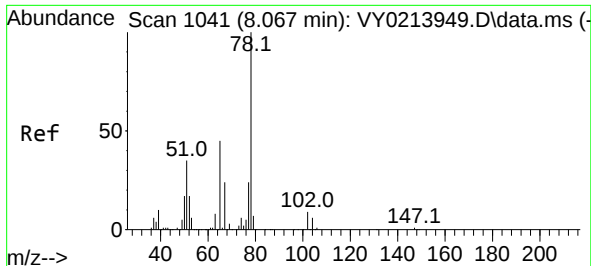
Tgt Ion: 56 Resp: 67119
Ion Ratio Lower Upper
56 100
69 41.8 27.0 40.4#
84 93.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 19.063 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 97 Resp: 77360
Ion Ratio Lower Upper
97 100
99 62.3 51.7 77.5
61 44.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 54.203 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

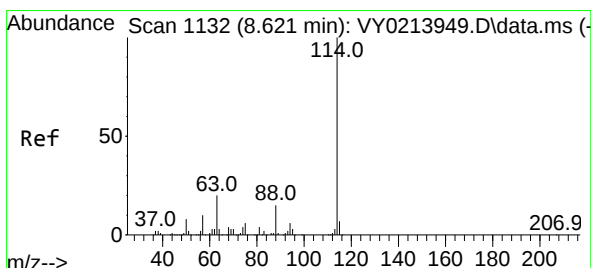
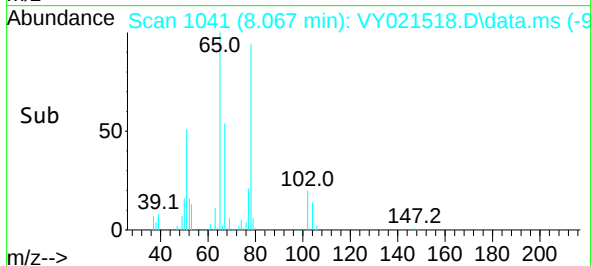
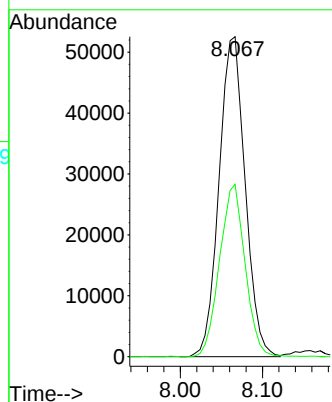
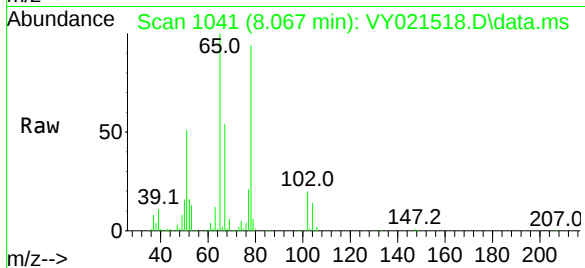
VY0313SBS01

Tgt Ion: 65 Resp: 115804

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

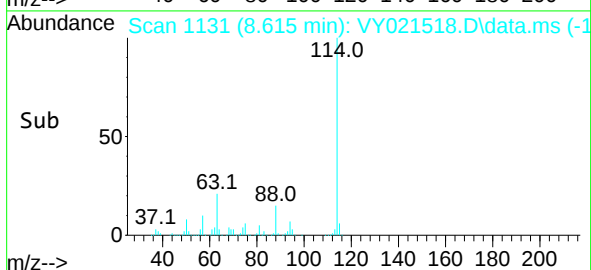
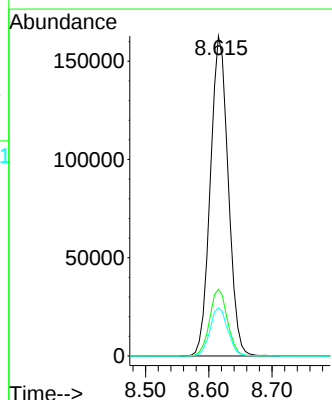
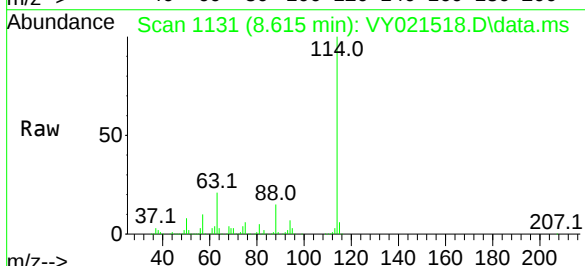
Tgt Ion: 114 Resp: 319039

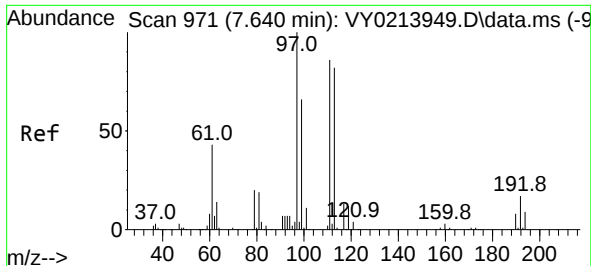
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.317 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

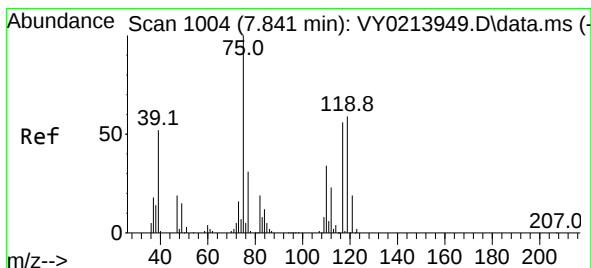
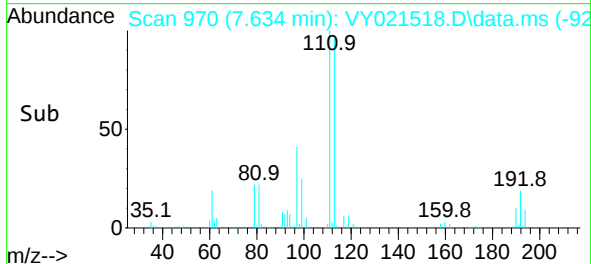
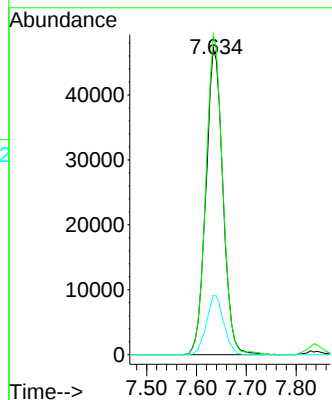
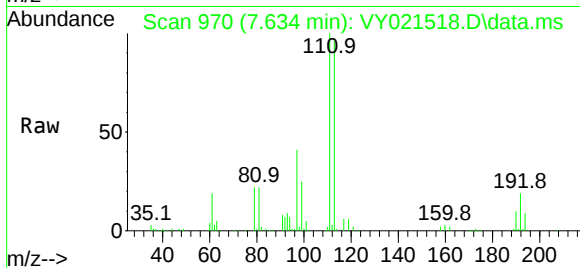
Tgt Ion:113 Resp: 111810

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 19.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 17.479 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

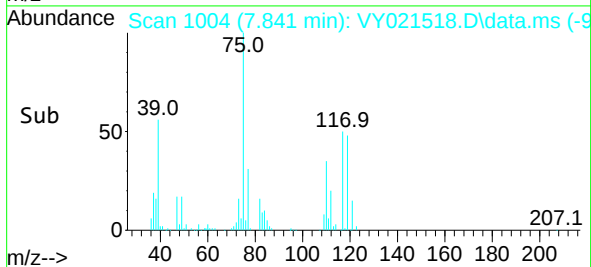
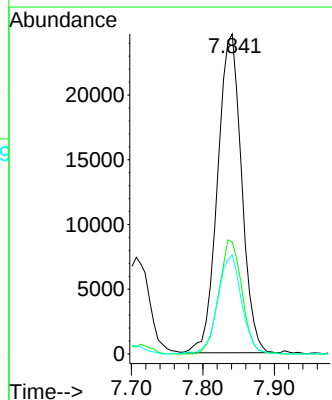
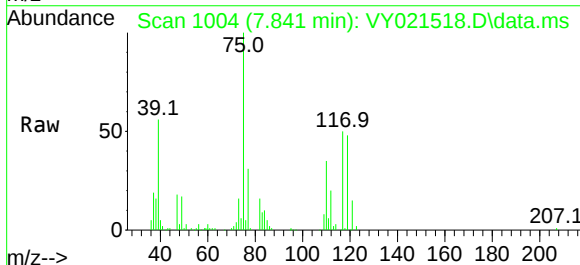
Tgt Ion: 75 Resp: 57377

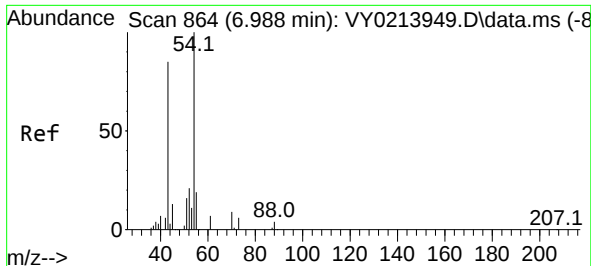
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

77 31.1 25.4 38.2





#37

Ethyl Acetate

Concen: 17.157 ug/l

RT: 6.987 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

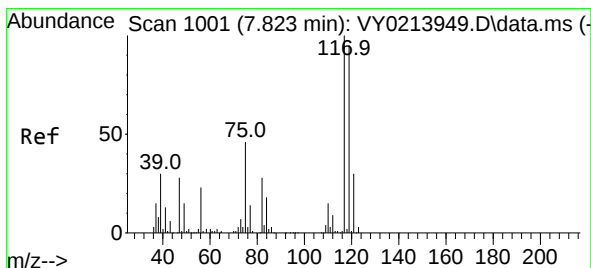
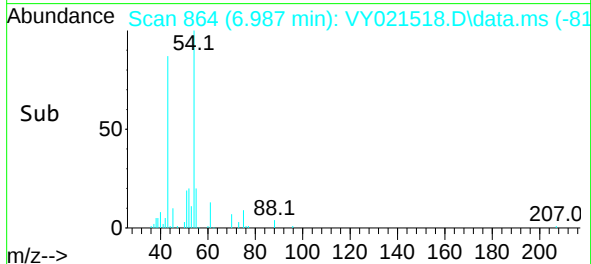
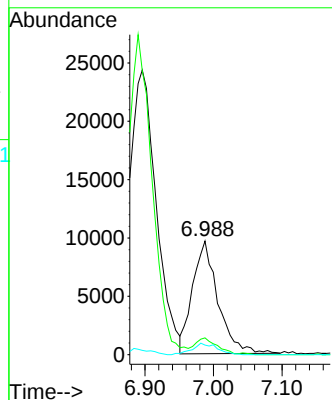
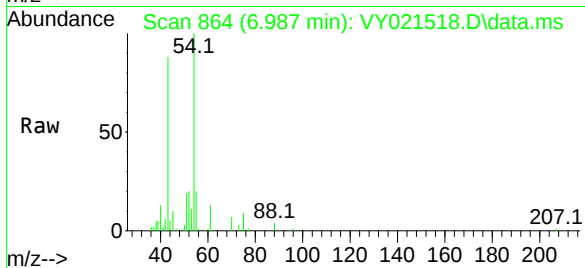
Tgt Ion: 43 Resp: 24892

Ion Ratio Lower Upper

43 100

61 11.7 11.4 17.0

70 9.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 18.145 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

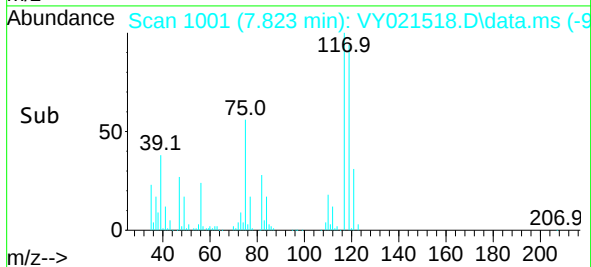
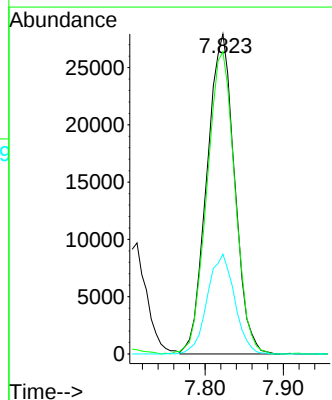
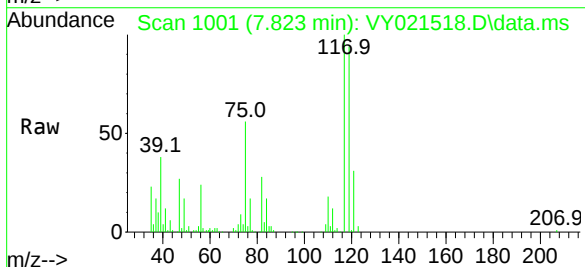
Tgt Ion: 117 Resp: 68503

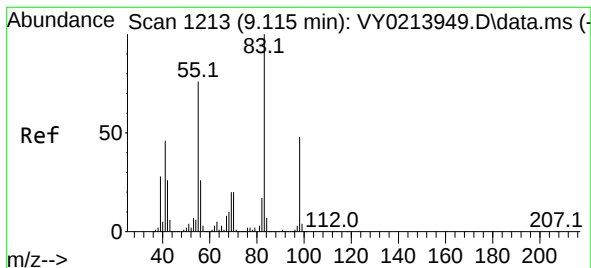
Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.8

121 31.2 23.9 35.9





#39

Methylcyclohexane

Concen: 16.392 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

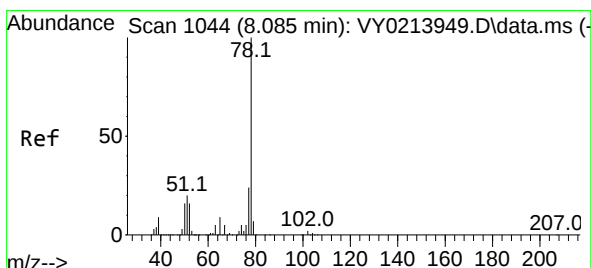
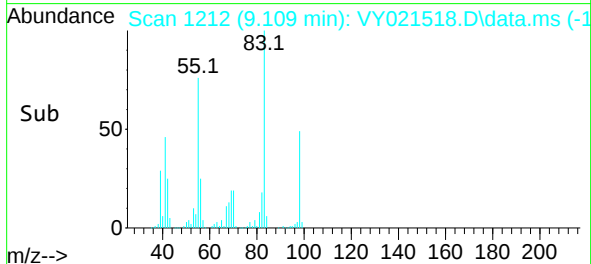
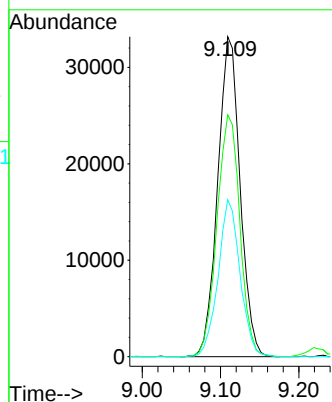
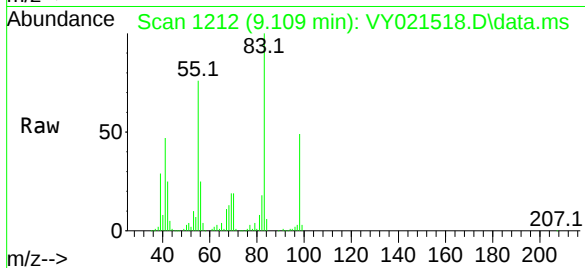
Tgt Ion: 83 Resp: 66001

Ion Ratio Lower Upper

83 100

55 75.6 60.7 91.1

98 49.1 38.6 57.8



#40

Benzene

Concen: 18.447 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021518.D

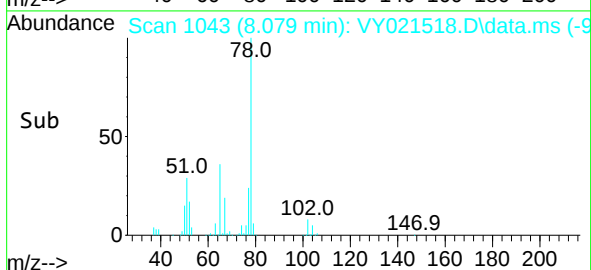
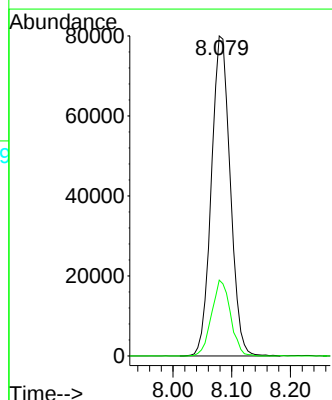
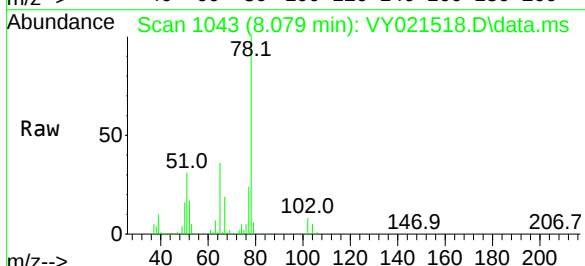
Acq: 13 Mar 2025 12:13

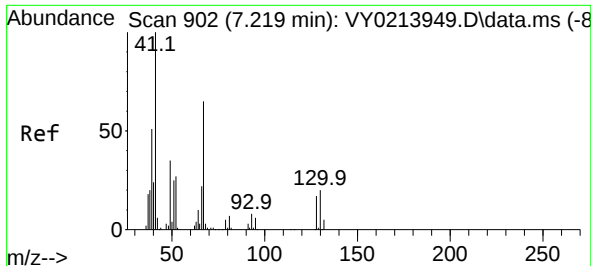
Tgt Ion: 78 Resp: 178382

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

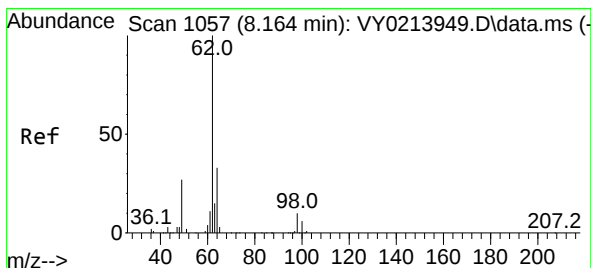
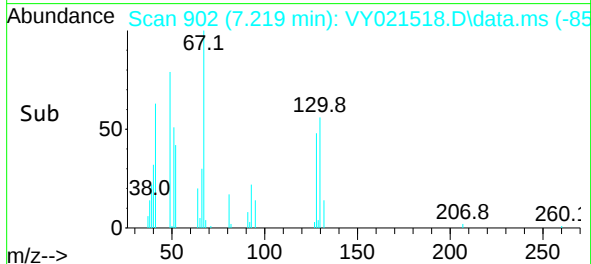
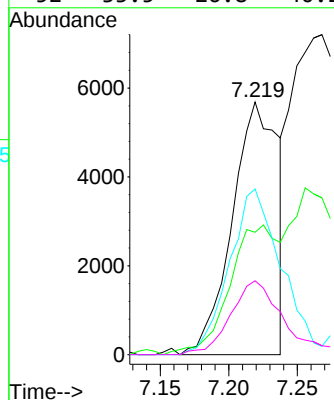
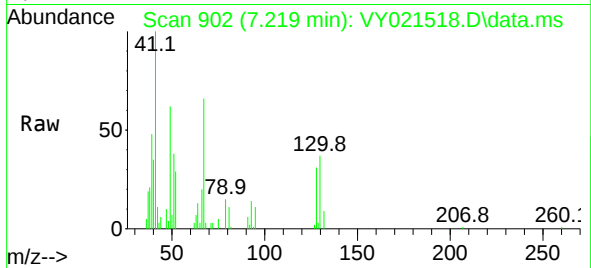




#41
Methacrylonitrile
Concen: 16.719 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

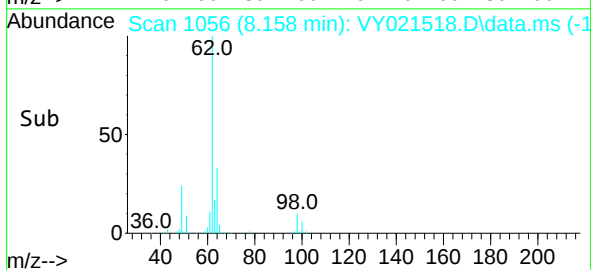
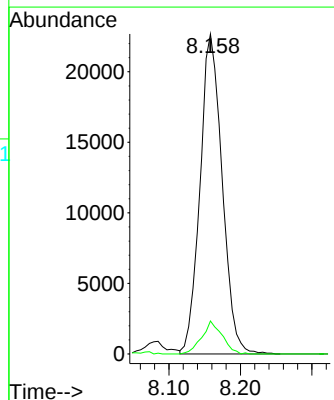
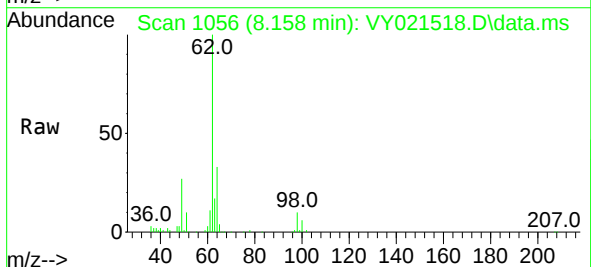
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

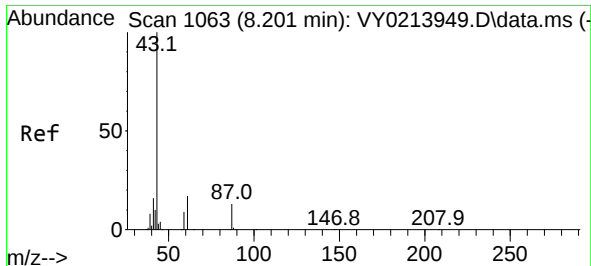
Tgt Ion: 41	Resp: 13208
Ion Ratio	Lower Upper
41 100	
39 55.2	35.0 52.6#
67 74.1	61.2 91.8
52 33.5	26.8 40.2



#42
1,2-Dichloroethane
Concen: 18.054 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 62	Resp: 48840
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.2

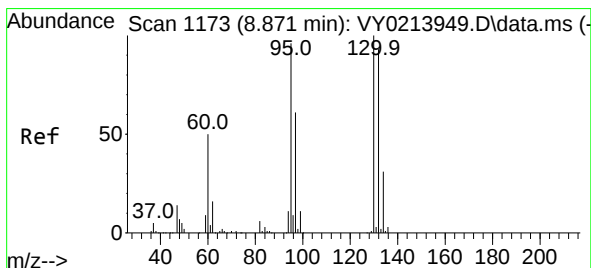
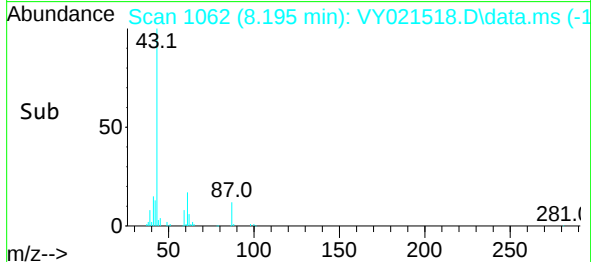
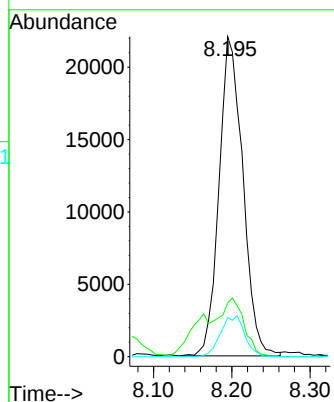
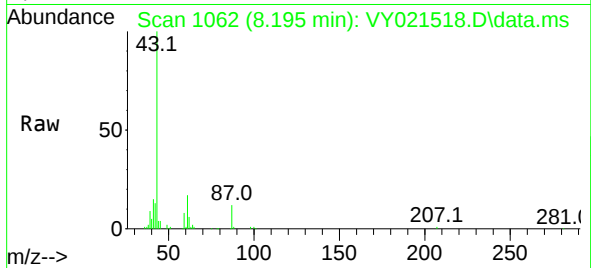




#43
Isopropyl Acetate
Concen: 16.532 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

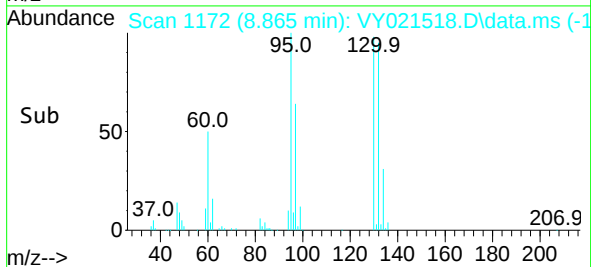
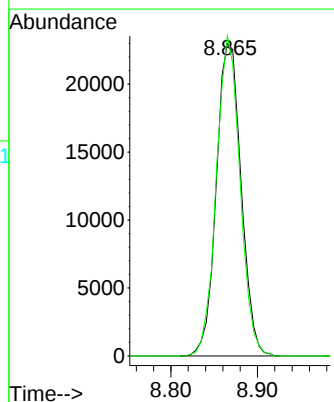
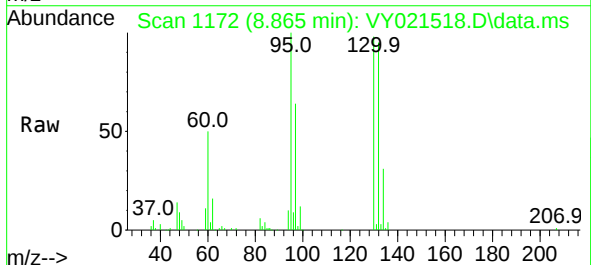
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

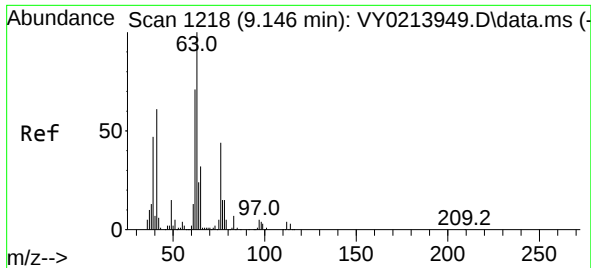
Tgt Ion: 43 Resp: 46562
Ion Ratio Lower Upper
43 100
61 18.3 23.4 35.0#
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 18.742 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:130 Resp: 45798
Ion Ratio Lower Upper
130 100
95 102.4 0.0 191.6

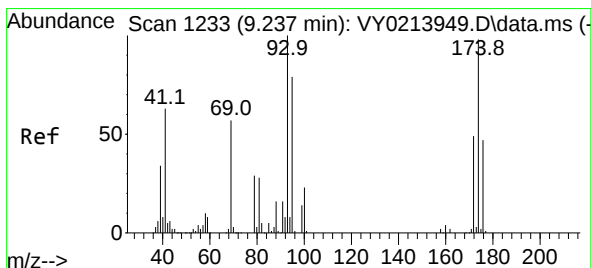
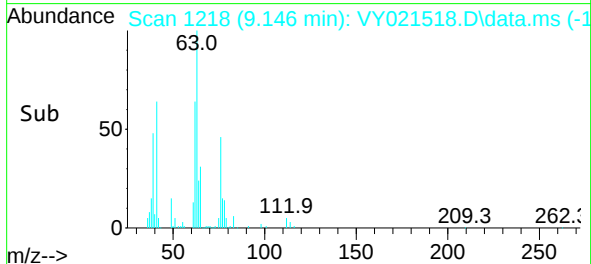
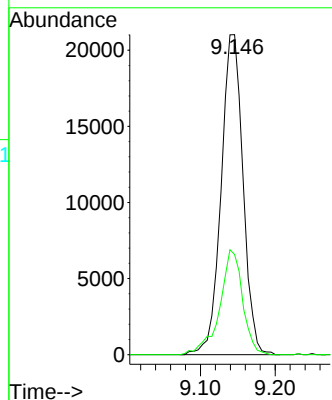
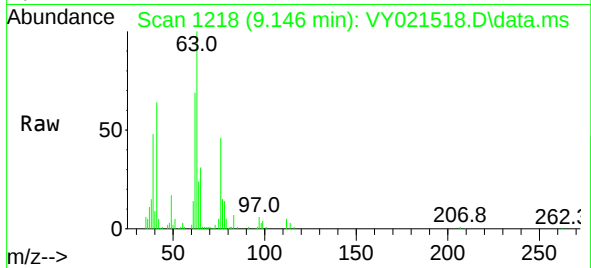




#45
1,2-Dichloropropane
Concen: 18.618 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

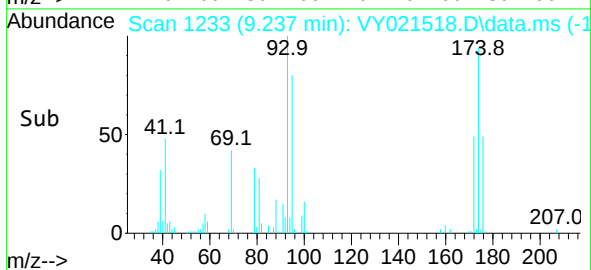
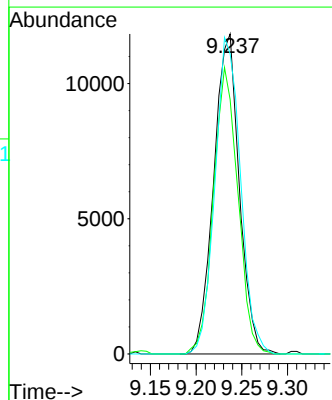
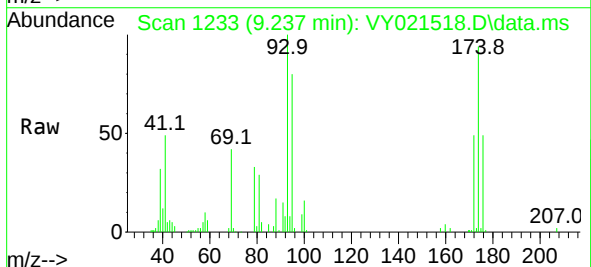
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

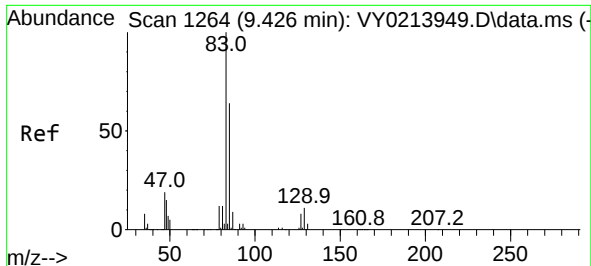
Tgt Ion: 63 Resp: 42849
Ion Ratio Lower Upper
63 100
65 31.3 26.0 39.0



#46
Dibromomethane
Concen: 17.956 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 93 Resp: 22993
Ion Ratio Lower Upper
93 100
95 85.6 65.8 98.8
174 98.8 77.9 116.9

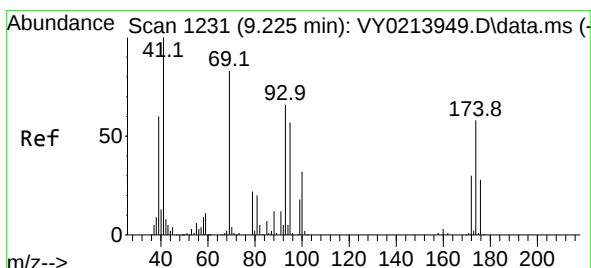
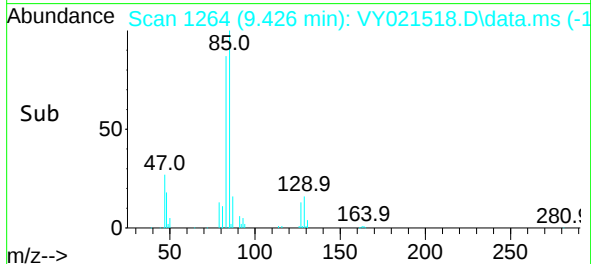
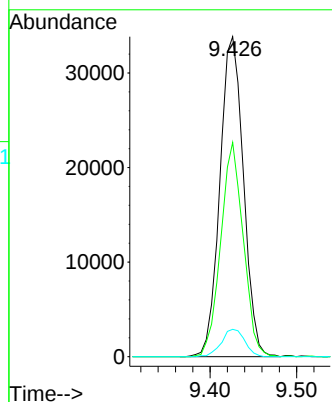
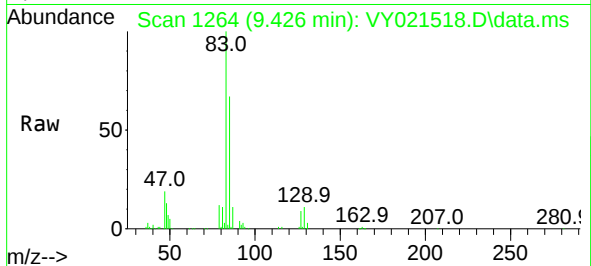




#47
Bromodichloromethane
Concen: 18.783 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

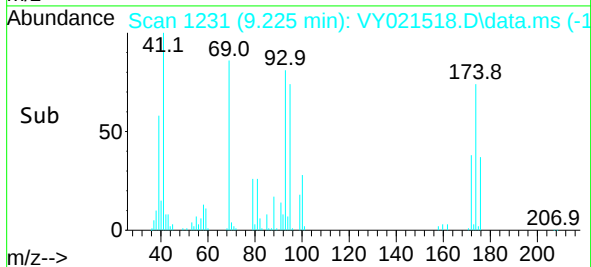
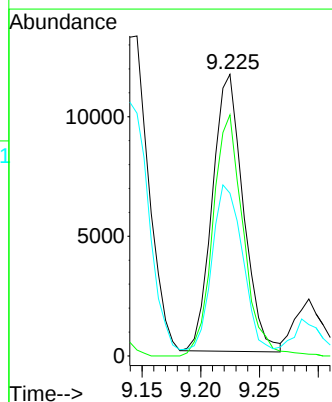
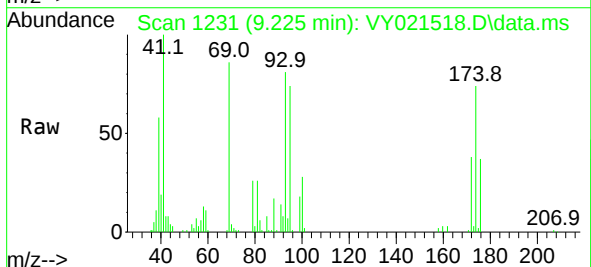
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

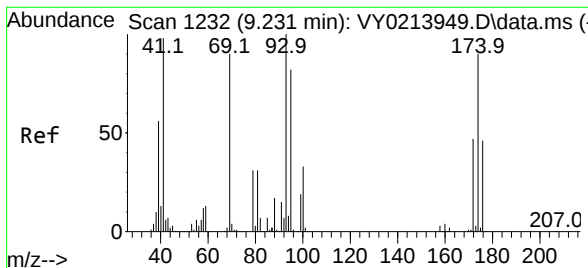
Tgt Ion: 83 Resp: 63876
Ion Ratio Lower Upper
83 100
85 67.0 51.1 76.7
127 8.6 6.7 10.1



#48
Methyl methacrylate
Concen: 16.421 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

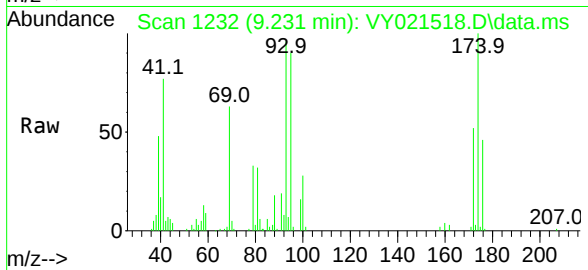
Tgt Ion: 41 Resp: 21238
Ion Ratio Lower Upper
41 100
69 85.7 67.8 101.8
39 58.7 46.4 69.6



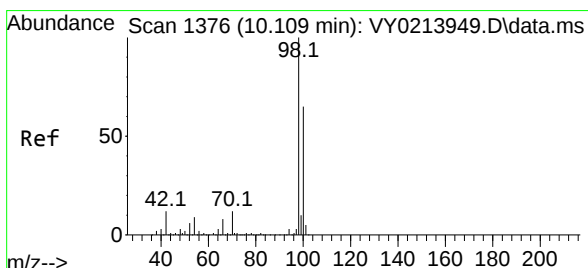
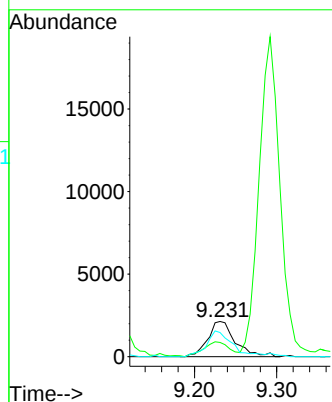
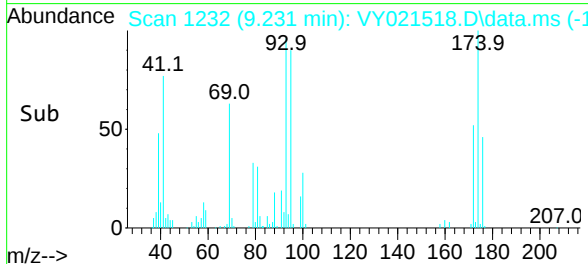


#49
1,4-Dioxane
Concen: 391.284 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

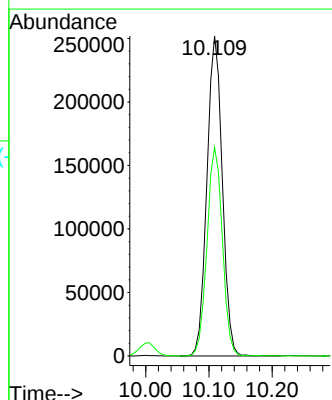
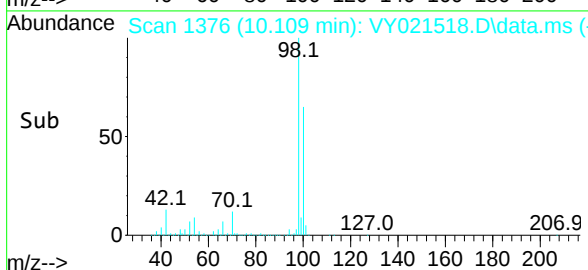
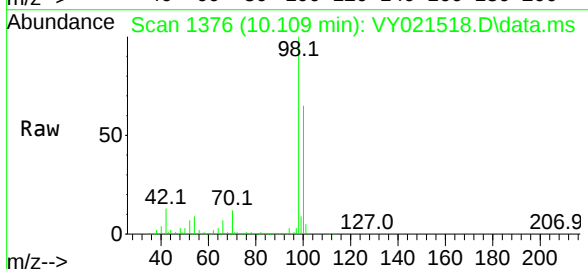


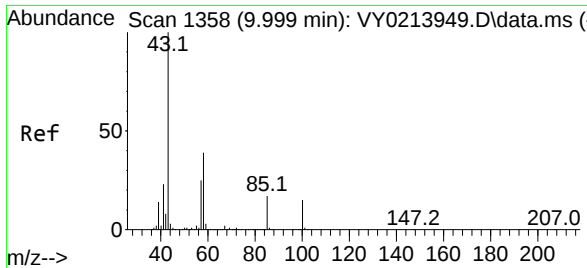
Tgt Ion: 88 Resp: 4918
Ion Ratio Lower Upper
88 100
43 40.7 25.0 37.4#
58 72.1 58.4 87.6



#50
Toluene-d8
Concen: 53.674 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 98 Resp: 426188
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

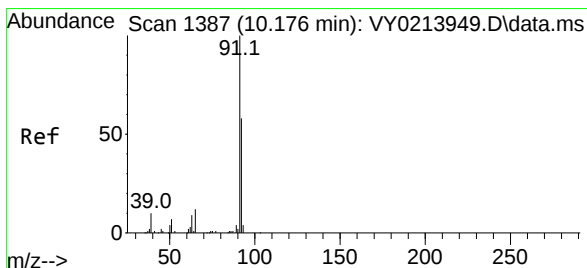
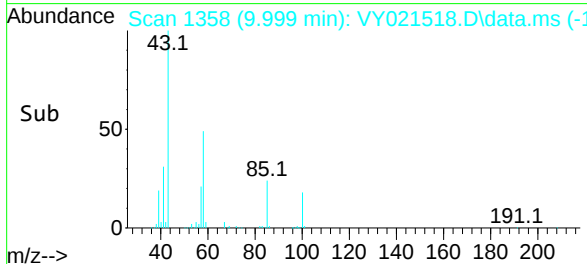
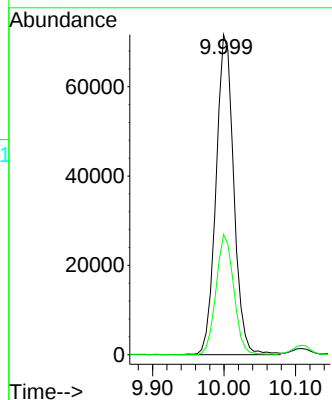
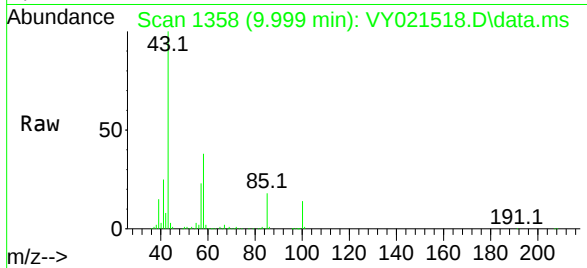




#51
4-Methyl-2-Pentanone
Concen: 85.074 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

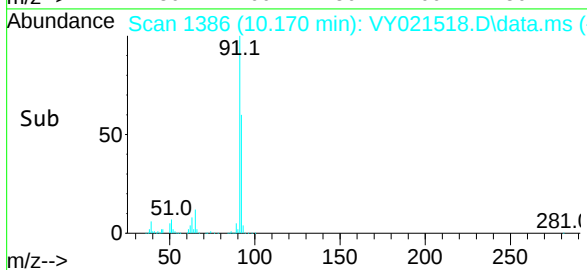
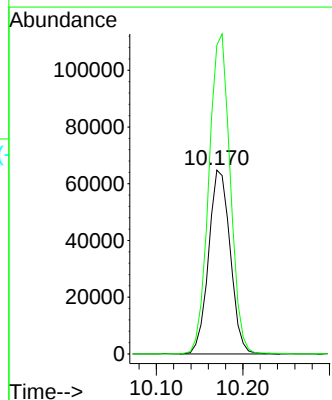
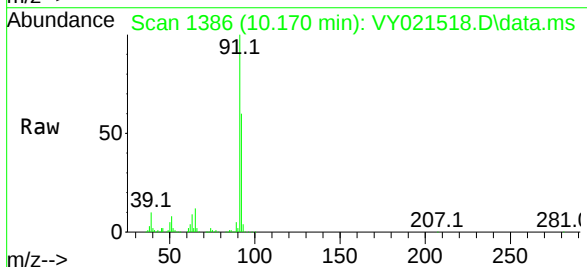
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

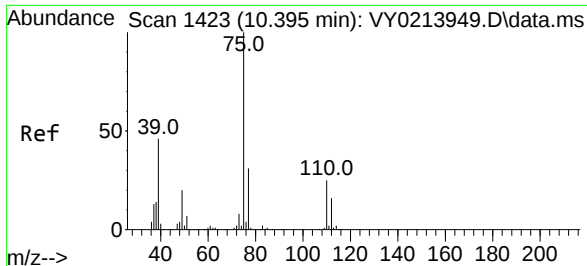
Tgt Ion: 43 Resp: 123632
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.2



#52
Toluene
Concen: 18.421 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 92 Resp: 112302
Ion Ratio Lower Upper
92 100
91 172.2 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 17.660 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

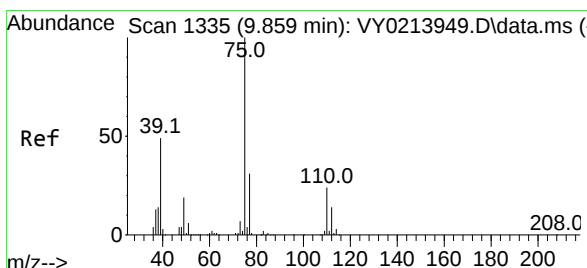
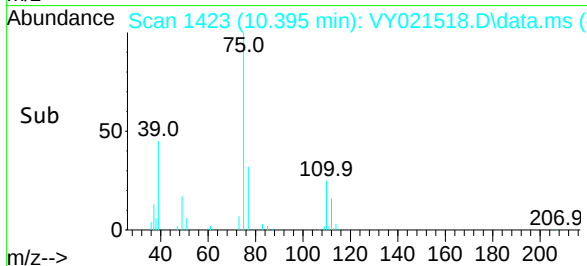
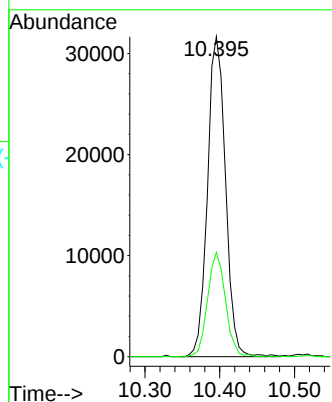
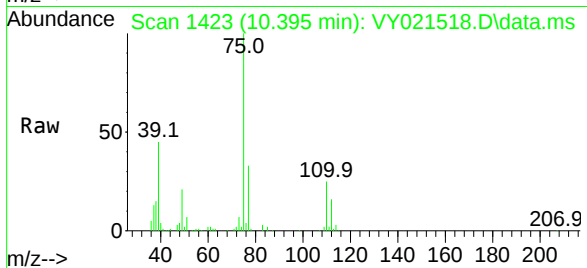
VY0313SBS01

Tgt Ion: 75 Resp: 52912

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 17.590 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

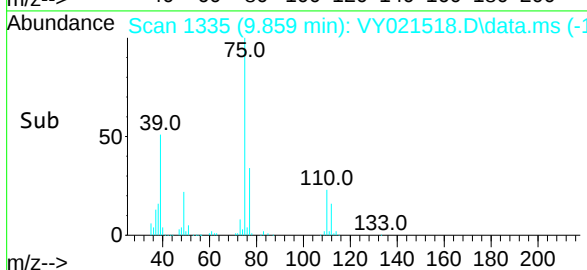
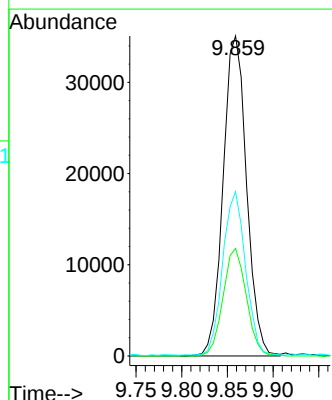
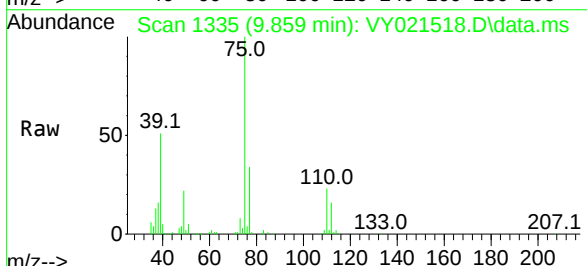
Tgt Ion: 75 Resp: 62570

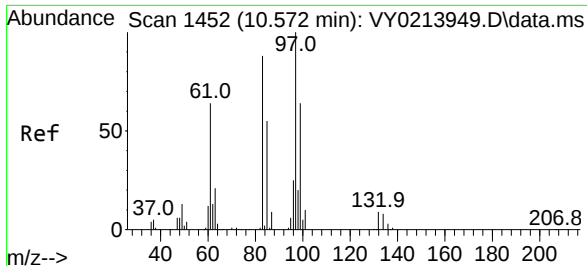
Ion Ratio Lower Upper

75 100

77 33.6 24.6 37.0

39 51.1 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 17.876 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

Tgt Ion: 97 Resp: 29943

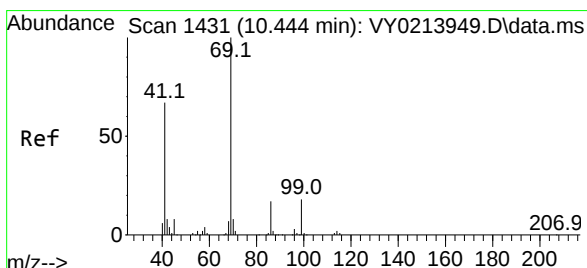
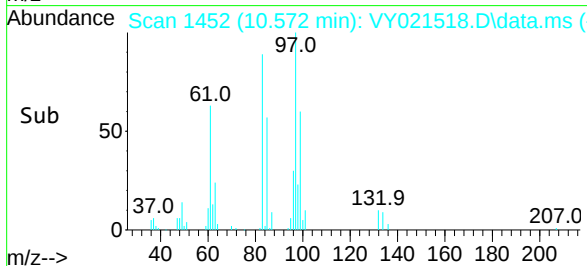
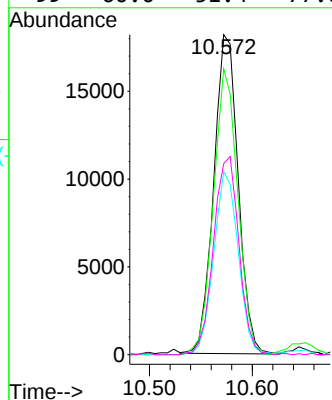
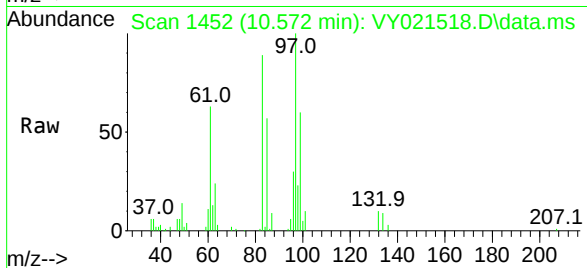
Ion Ratio Lower Upper

97 100

83 89.8 70.0 105.0

85 57.3 44.3 66.5

99 60.0 51.4 77.0



#56

Ethyl methacrylate

Concen: 16.462 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

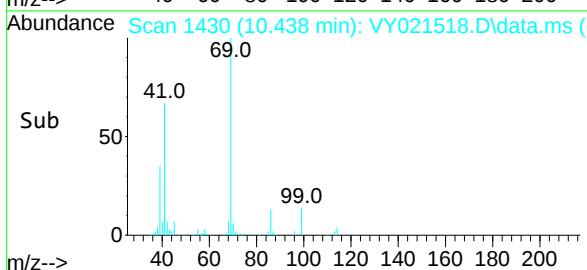
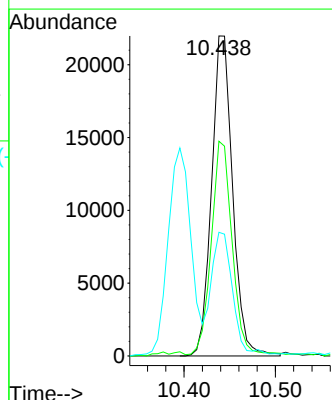
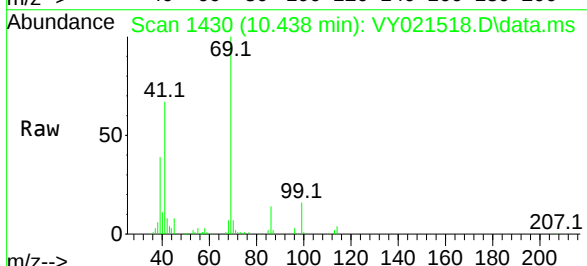
Tgt Ion: 69 Resp: 35168

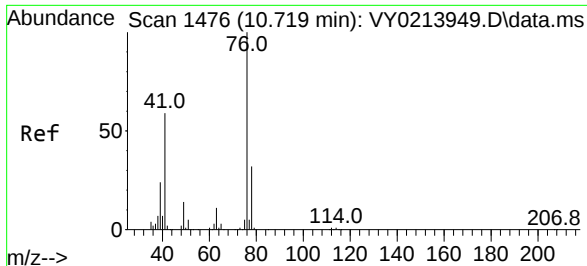
Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 38.3 31.0 46.6





#57

1,3-Dichloropropane

Concen: 17.941 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

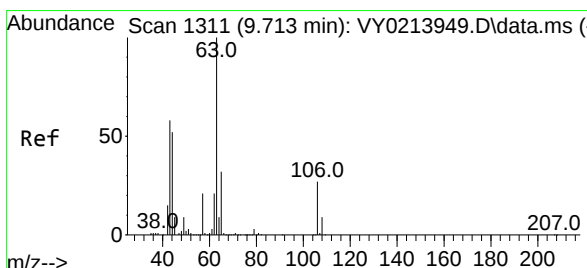
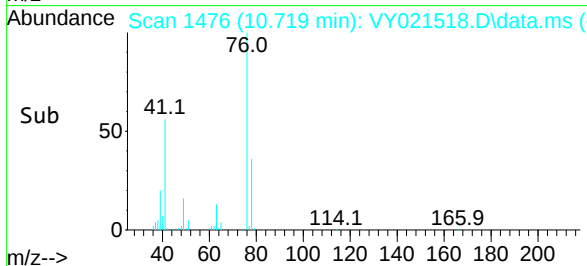
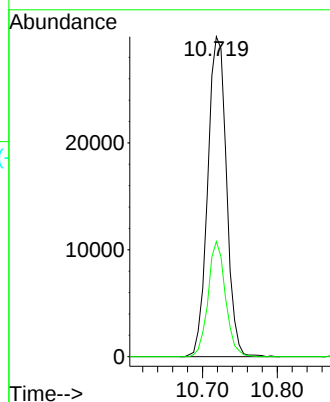
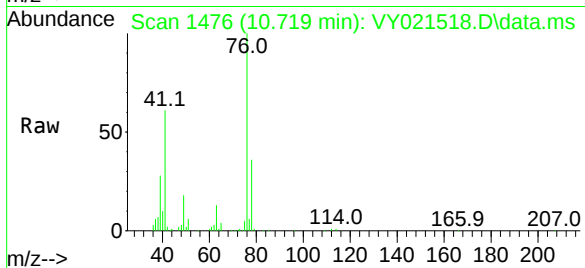
VY0313SBS01

Tgt Ion: 76 Resp: 52085

Ion Ratio Lower Upper

76 100

78 33.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 88.876 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021518.D

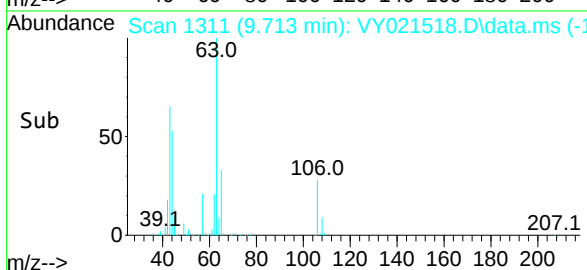
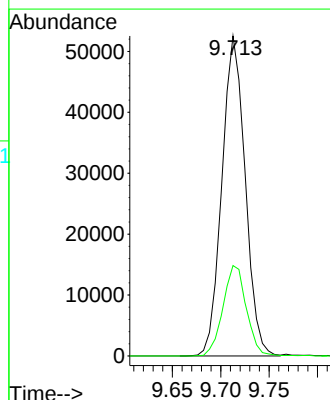
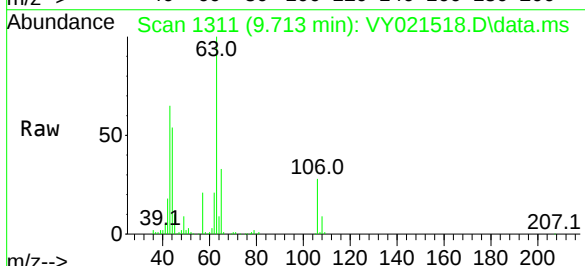
Acq: 13 Mar 2025 12:13

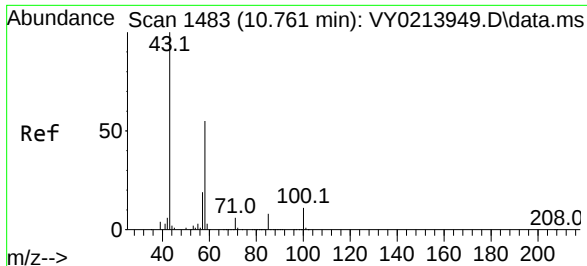
Tgt Ion: 63 Resp: 87647

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1

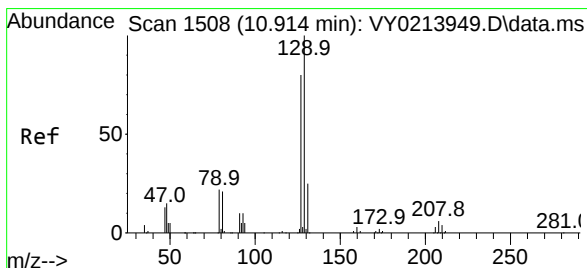
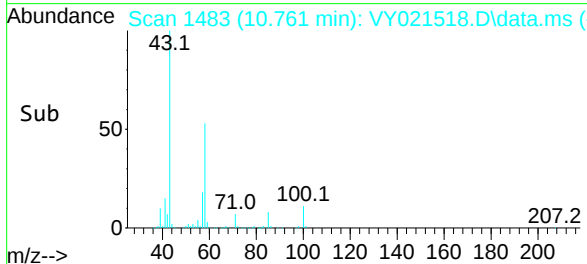
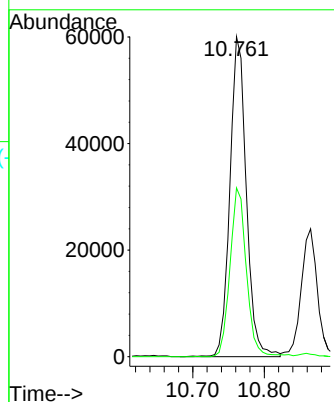
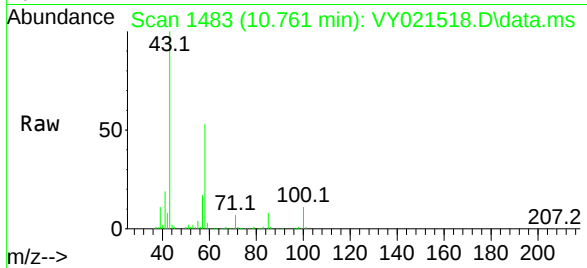




#59
2-Hexanone
Concen: 99.502 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

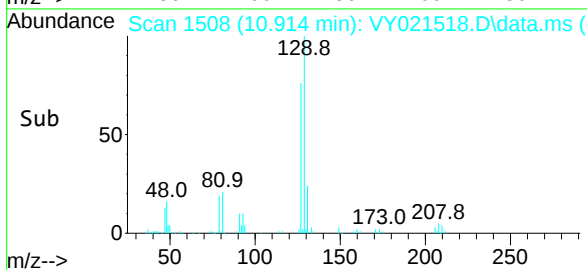
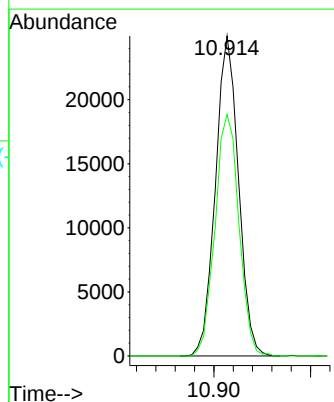
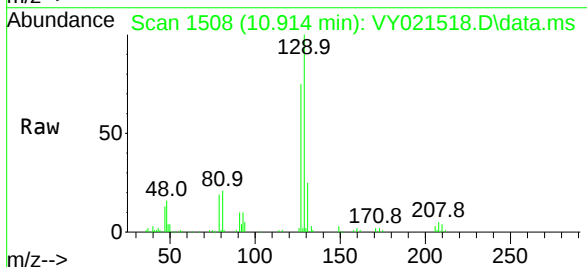
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

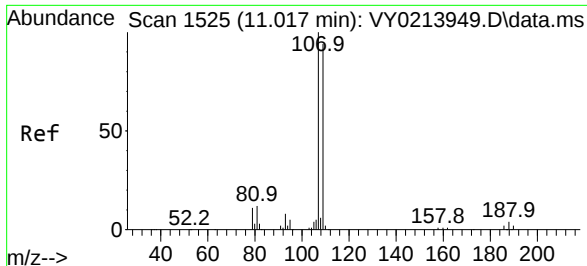
Tgt Ion: 43 Resp: 95612
Ion Ratio Lower Upper
43 100
58 52.7 27.3 81.8



#60
Dibromochloromethane
Concen: 17.923 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 129 Resp: 41159
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3

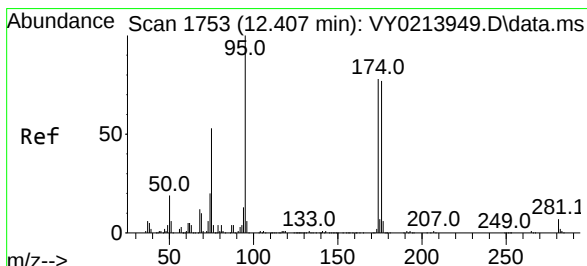
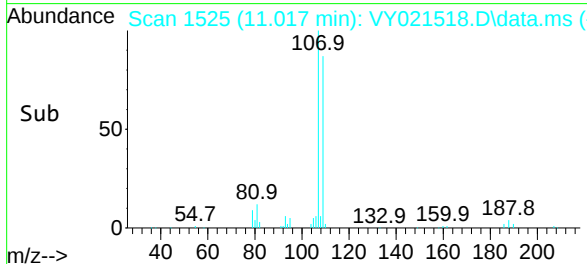
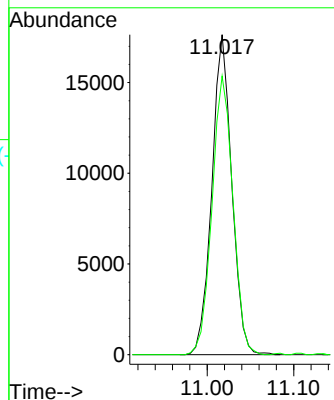
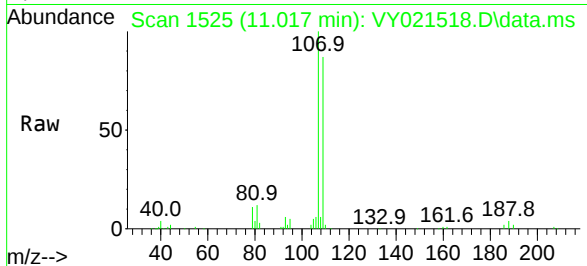




#61
 1,2-Dibromoethane
 Concen: 17.842 ug/l
 RT: 11.017 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

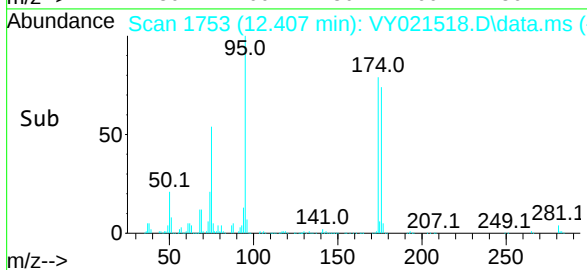
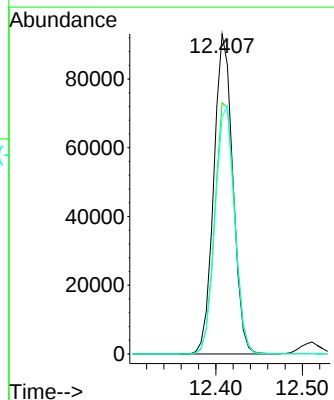
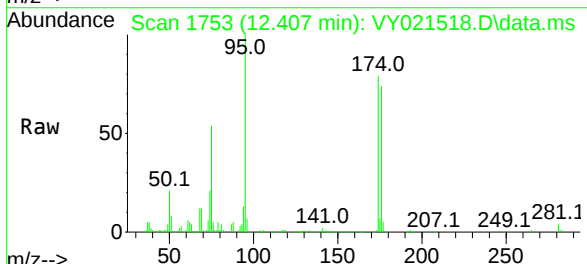
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

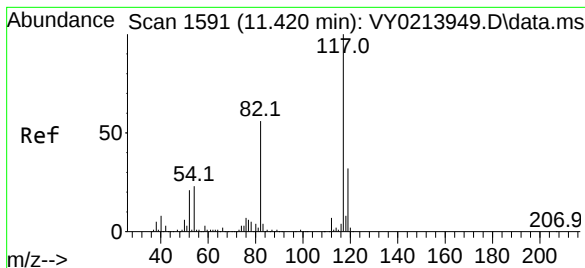
Tgt Ion:107 Resp: 28206
 Ion Ratio Lower Upper
 107 100
 109 91.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.510 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion: 95 Resp: 141826
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 165.0
 176 79.5 0.0 160.0

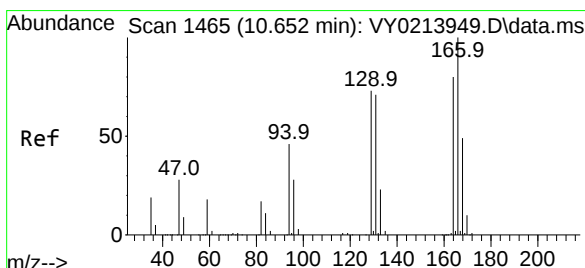
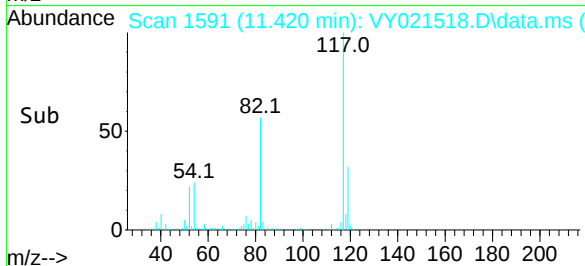
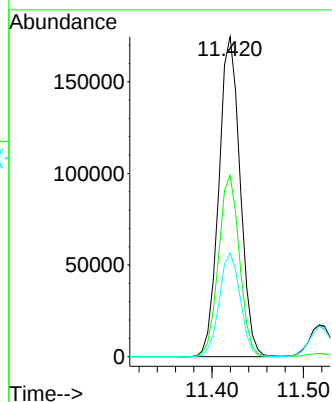
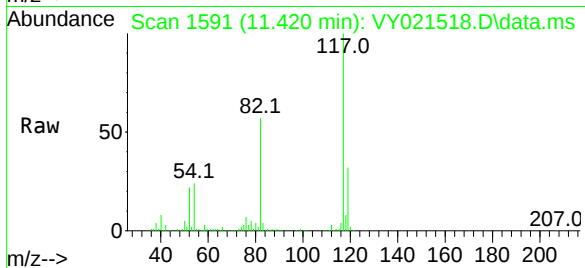




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

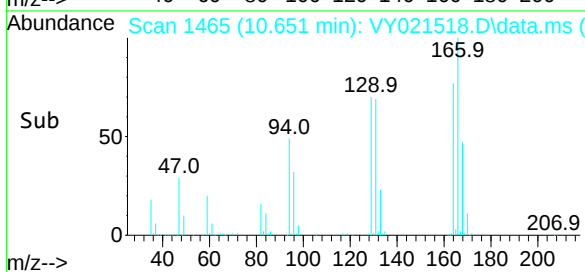
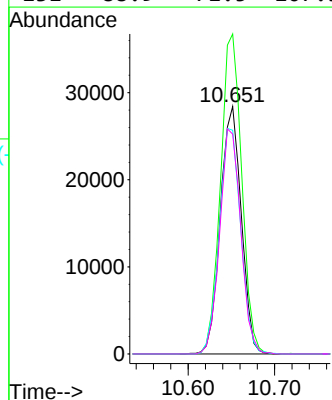
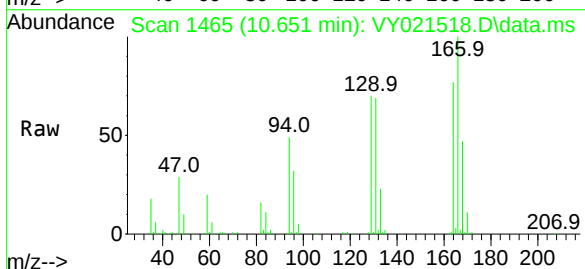
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

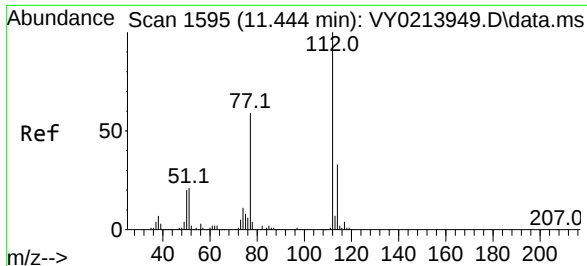
Tgt Ion:117 Resp: 282466
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 20.789 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:164 Resp: 47750
Ion Ratio Lower Upper
164 100
166 129.3 100.4 150.6
129 90.4 73.8 110.8
131 88.9 71.5 107.3





#65

Chlorobenzene

Concen: 17.856 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

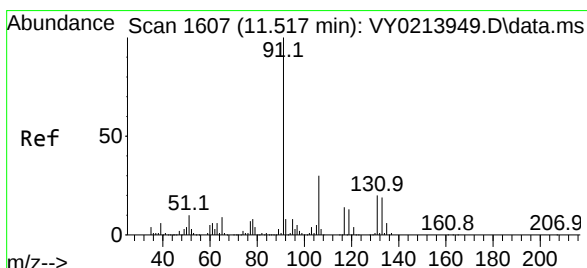
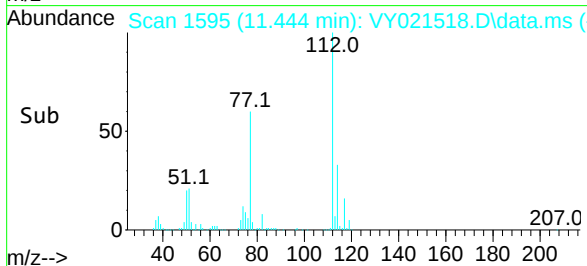
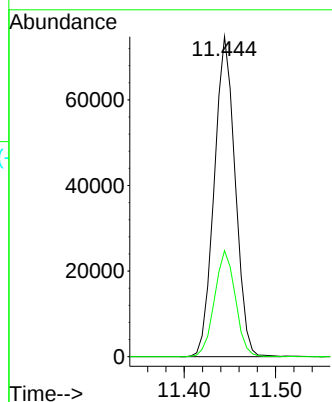
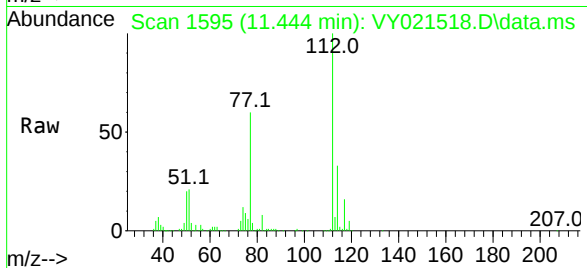
VY0313SBS01

Tgt Ion:112 Resp: 119107

Ion Ratio Lower Upper

112 100

114 33.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.374 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

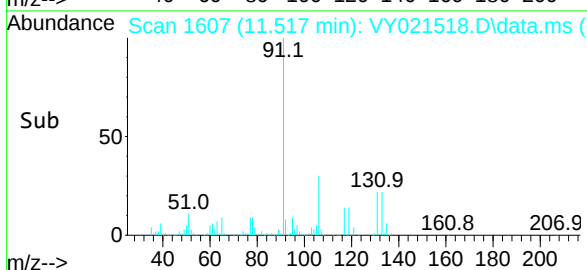
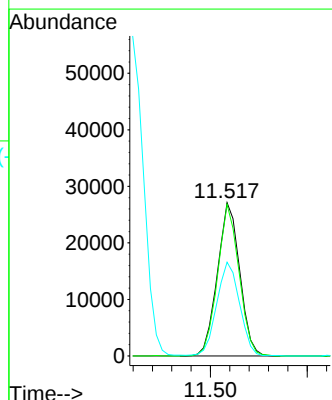
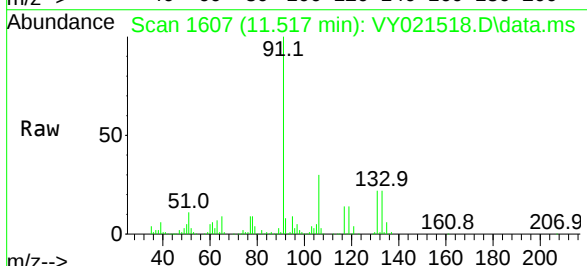
Tgt Ion:131 Resp: 43330

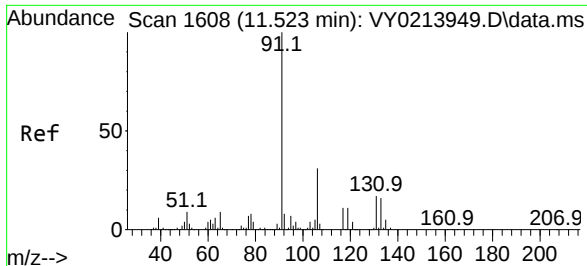
Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.9

119 62.9 32.3 96.9





#67

Ethyl Benzene

Concen: 17.484 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

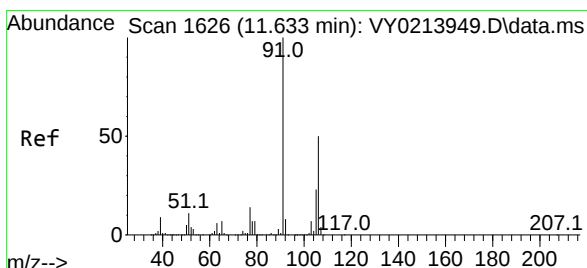
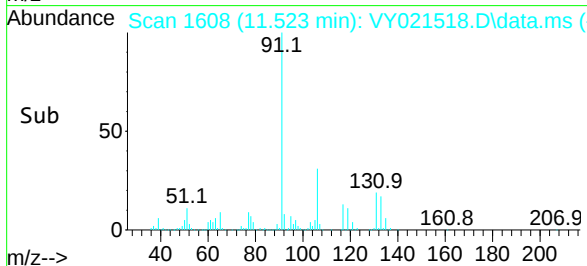
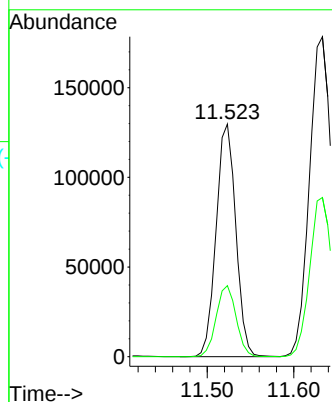
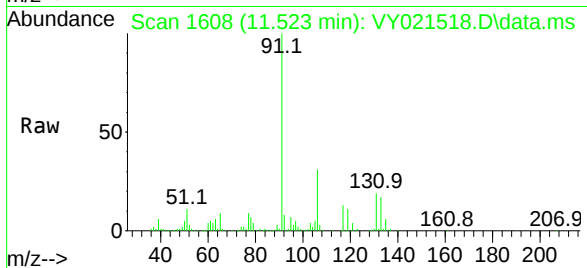
VY0313SBS01

Tgt Ion: 91 Resp: 204694

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 36.112 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021518.D

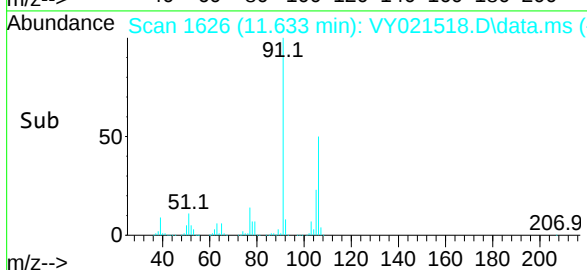
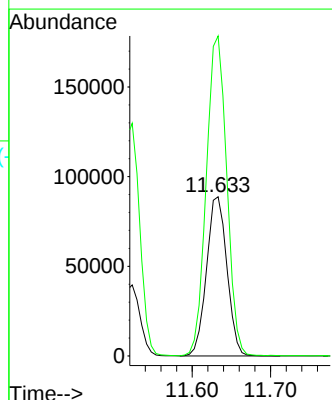
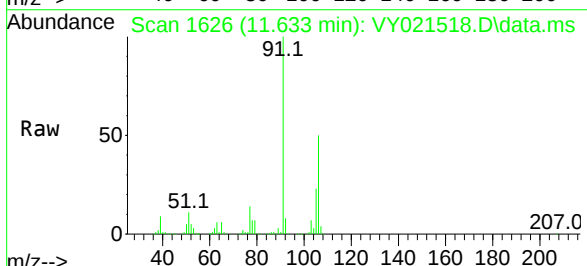
Acq: 13 Mar 2025 12:13

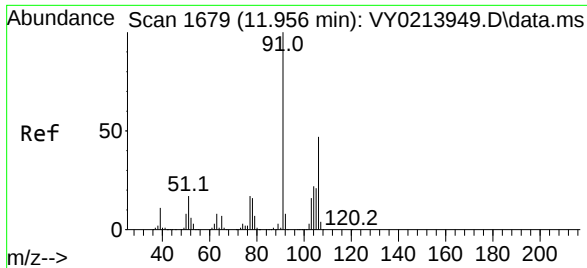
Tgt Ion: 106 Resp: 160513

Ion Ratio Lower Upper

106 100

91 201.1 161.7 242.5

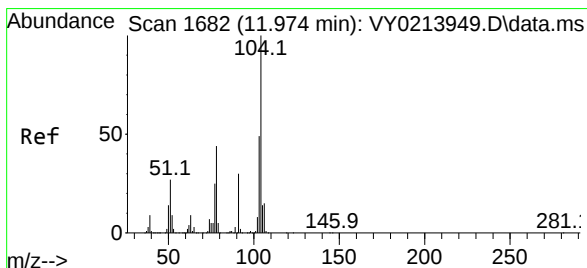
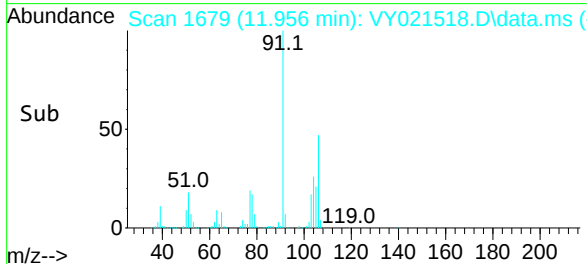
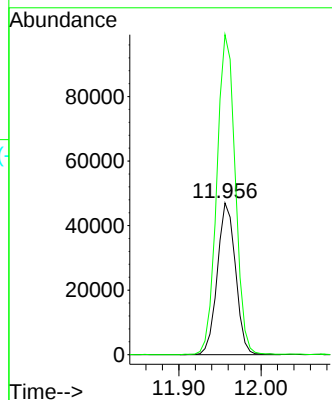
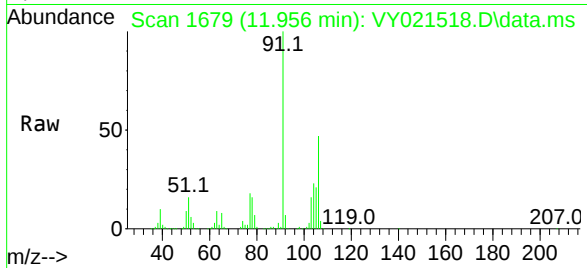




#69
o-Xylene
Concen: 17.651 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

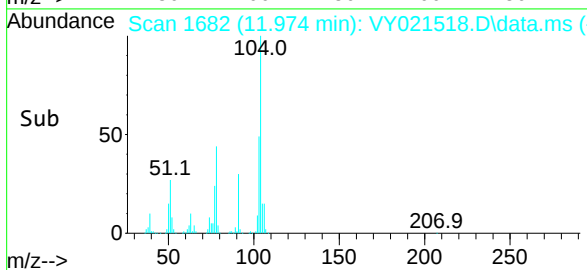
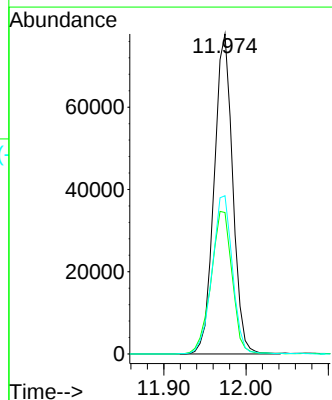
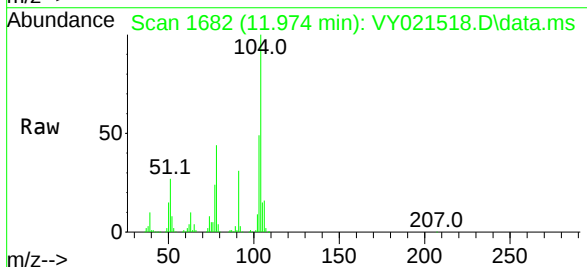
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

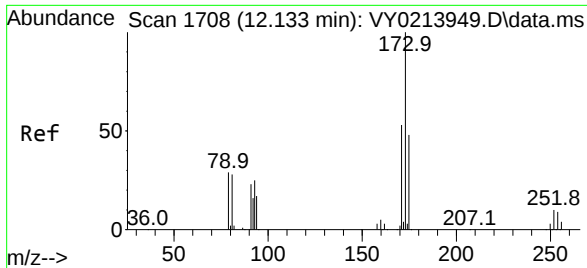
Tgt Ion:106 Resp: 72309
Ion Ratio Lower Upper
106 100
91 214.4 107.6 322.8



#70
Styrene
Concen: 17.938 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:104 Resp: 121907
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 54.5 44.1 66.1

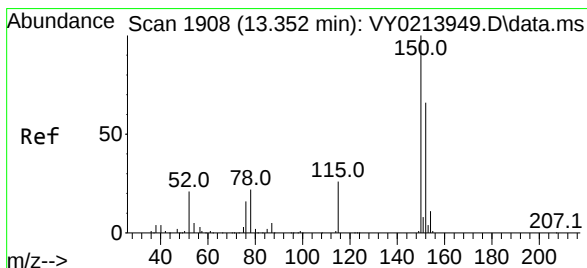
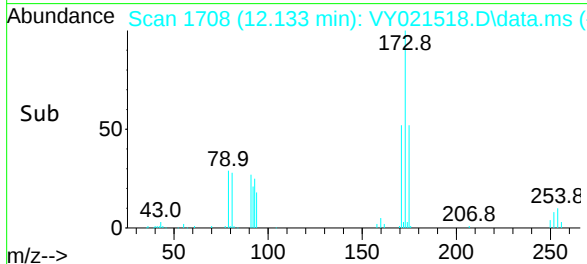
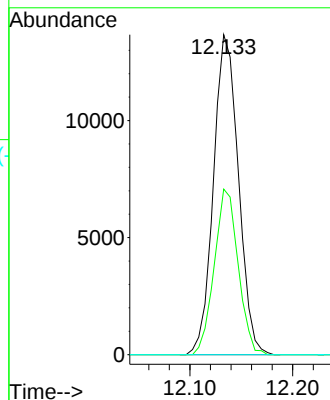
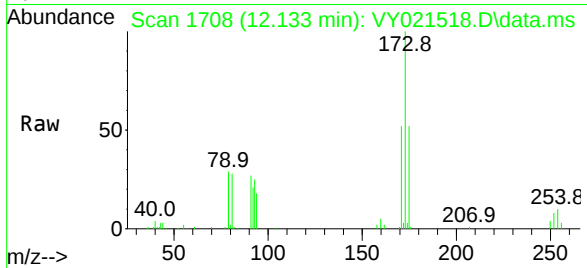




#71
Bromoform
Concen: 17.452 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

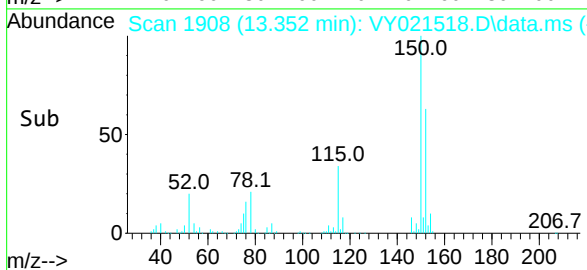
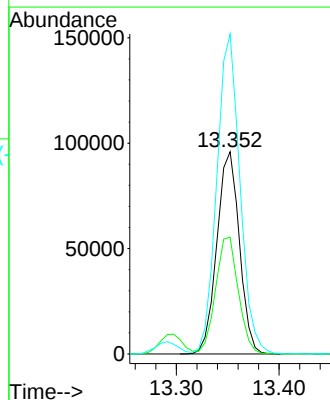
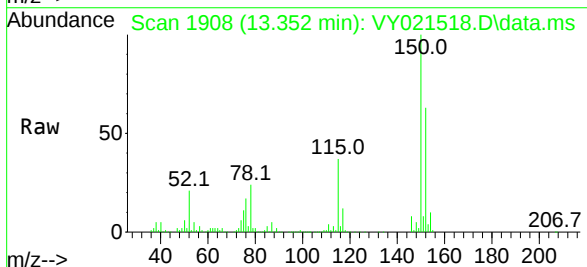
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

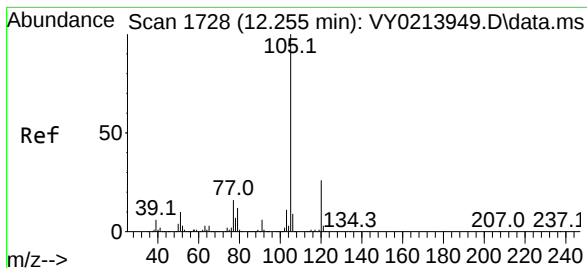
Tgt Ion:173 Resp: 23007
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:152 Resp: 145688
Ion Ratio Lower Upper
152 100
115 58.2 29.0 87.0
150 162.5 0.0 347.2

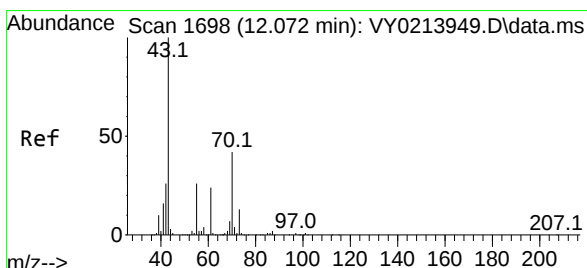
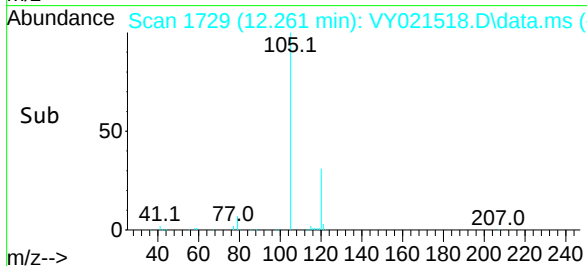
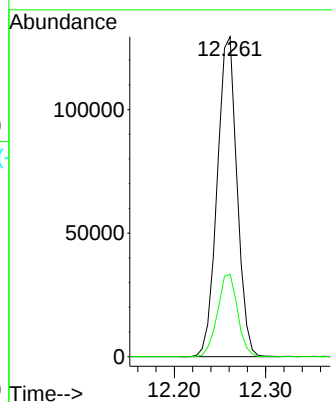
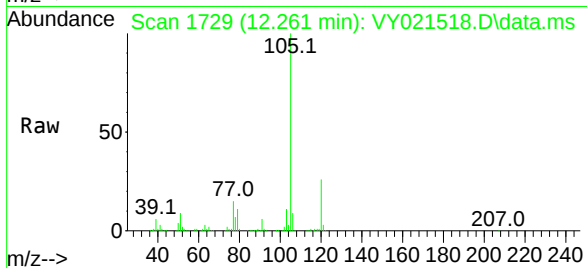




#73
Isopropylbenzene
Concen: 17.019 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

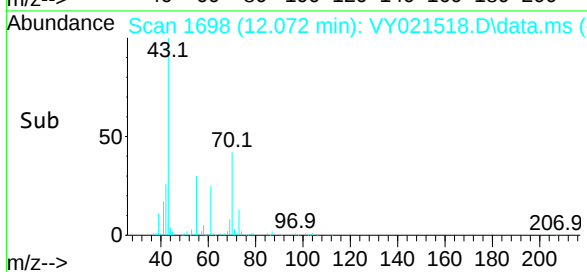
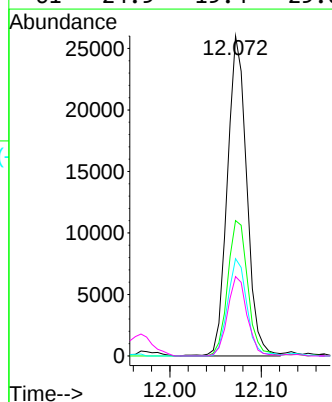
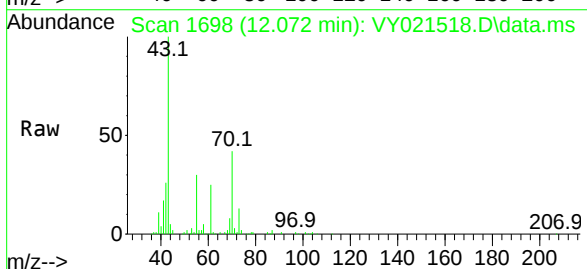
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

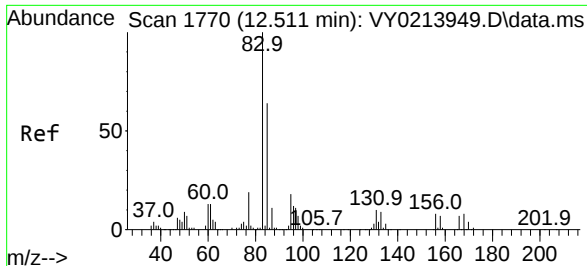
Tgt Ion:105 Resp: 195319
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 15.386 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 43 Resp: 38348
Ion Ratio Lower Upper
43 100
70 43.7 34.6 51.8
55 30.0 21.1 31.7
61 24.9 19.4 29.0

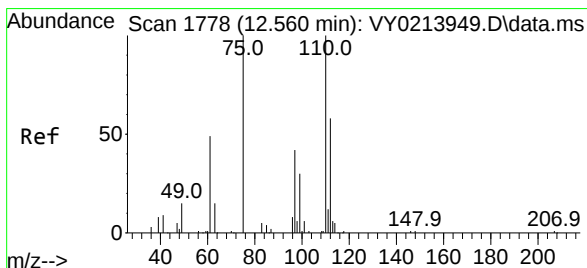
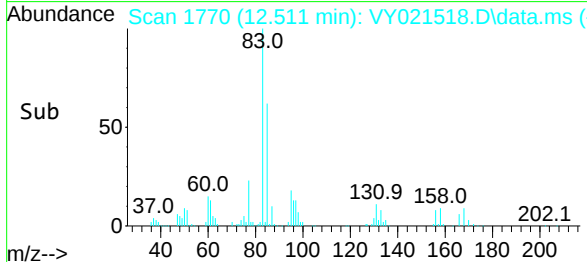
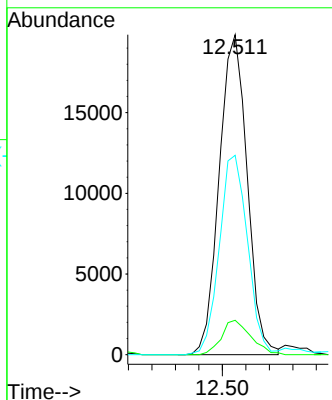
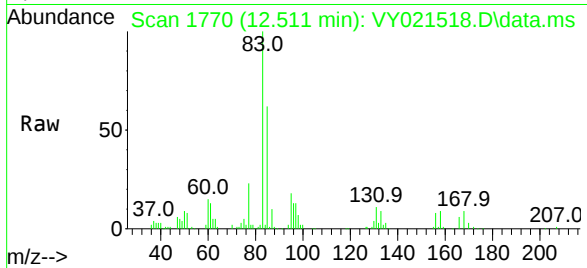




#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.189 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

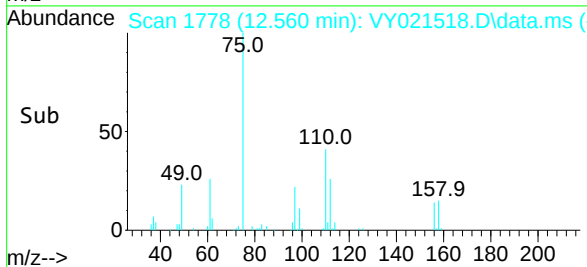
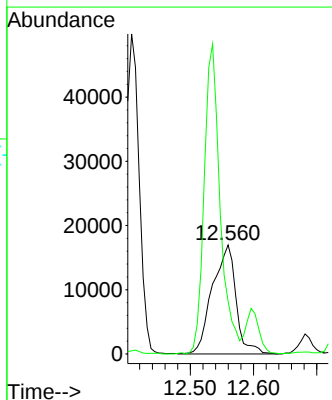
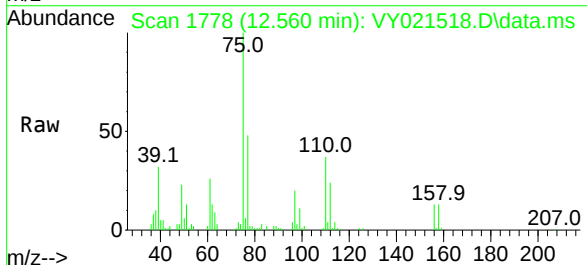
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

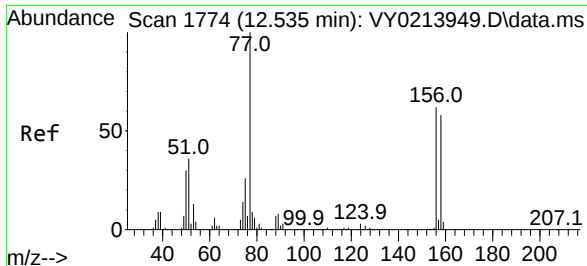
Tgt Ion: 83 Resp: 32786
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.3 16.1
 85 63.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 30.045 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion: 75 Resp: 44108
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

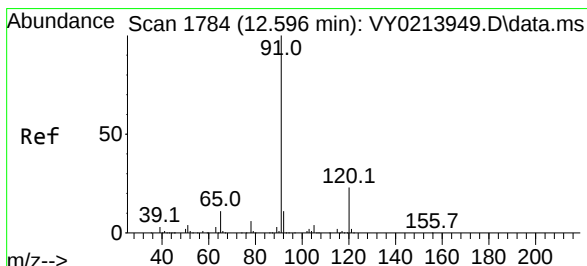
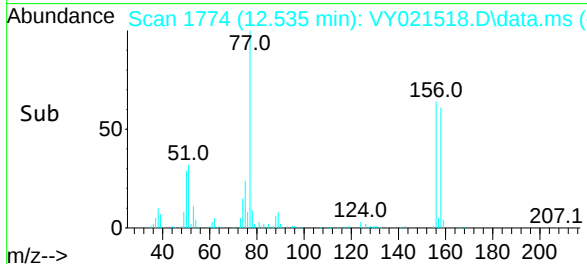
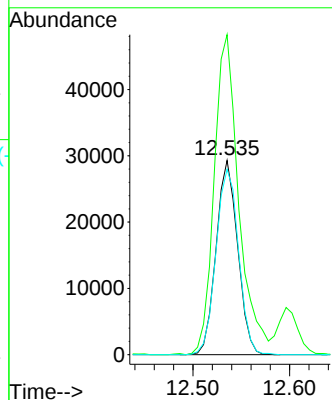
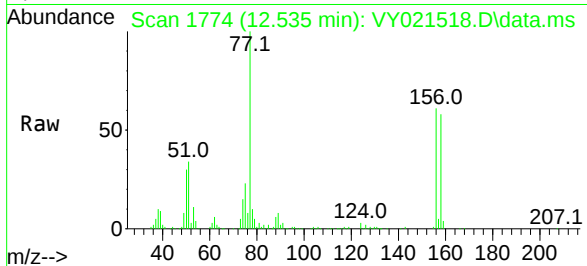




#77
Bromobenzene
Concen: 16.885 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

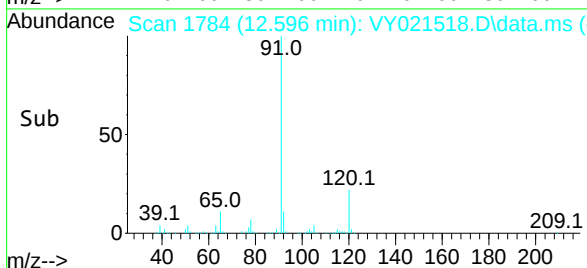
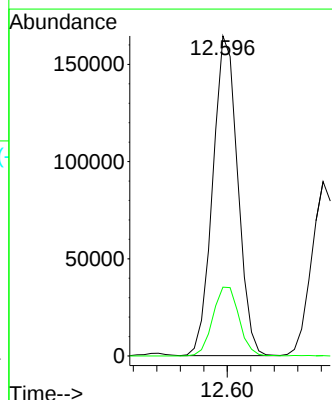
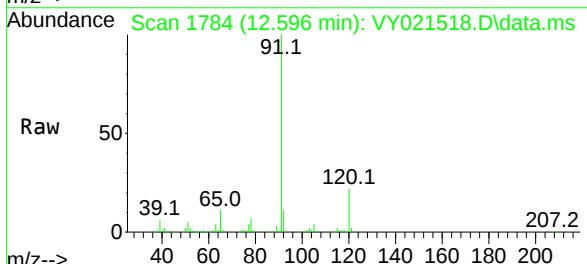
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

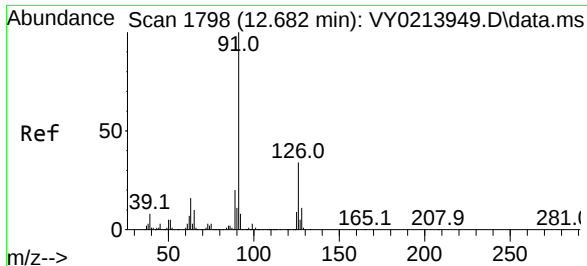
Tgt Ion:156 Resp: 45334
Ion Ratio Lower Upper
156 100
77 187.7 93.6 280.8
158 100.3 48.3 144.8



#78
n-propylbenzene
Concen: 17.394 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 91 Resp: 242434
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

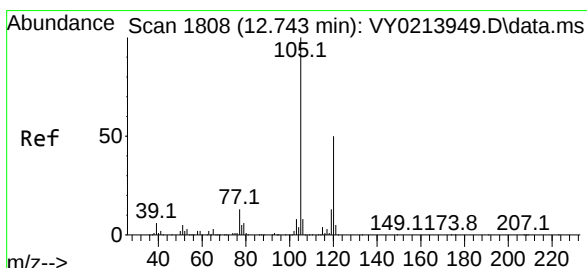
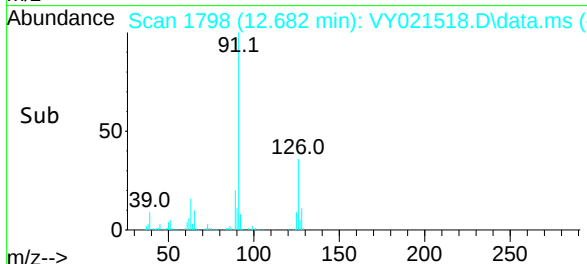
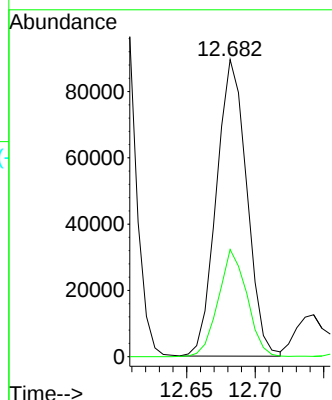
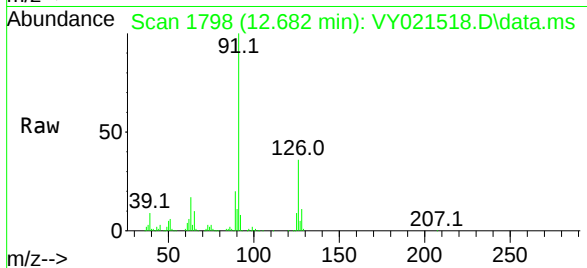




#79
2-Chlorotoluene
Concen: 17.336 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

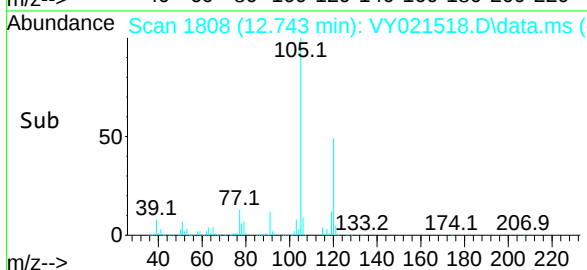
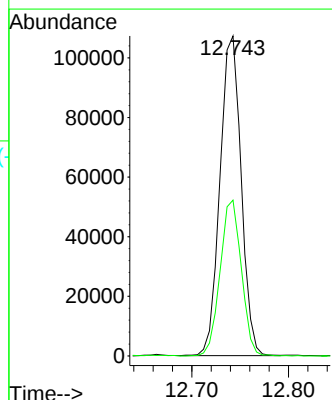
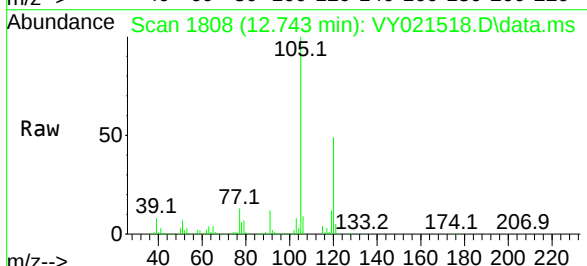
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

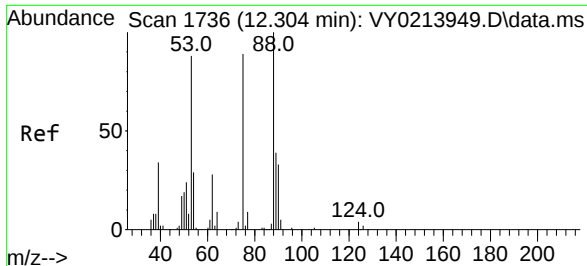
Tgt Ion: 91 Resp: 138155
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 17.458 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 105 Resp: 162818
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6

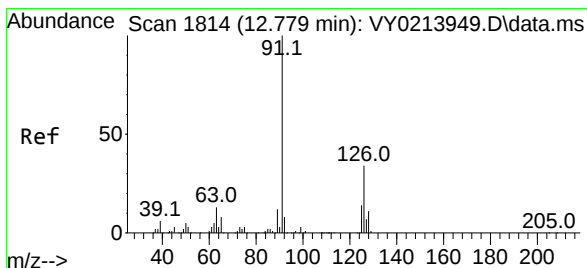
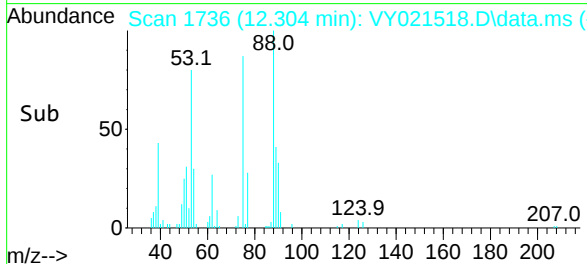
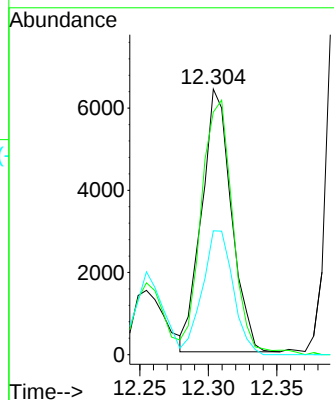
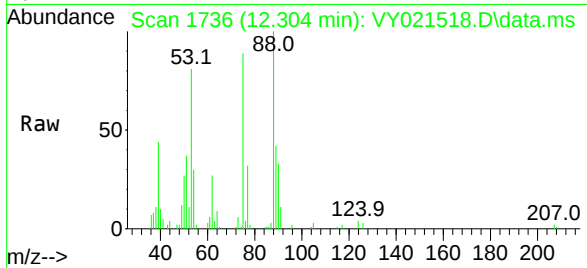




#81
trans-1,4-Dichloro-2-butene
Concen: 14.963 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

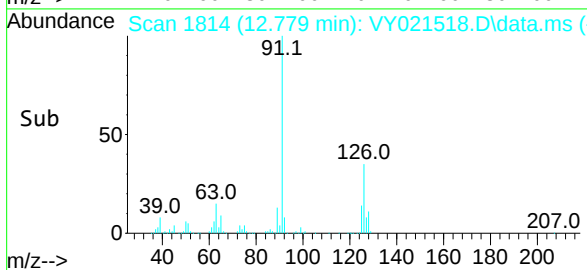
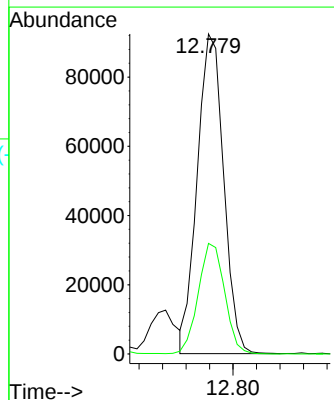
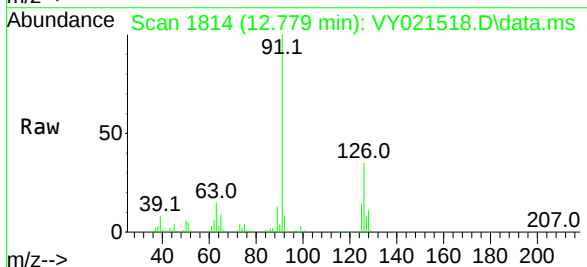
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

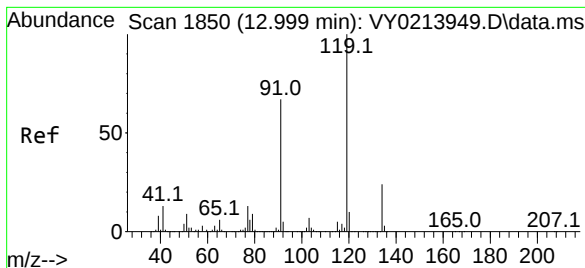
Tgt Ion:	75	Resp:	9663
Ion	Ratio	Lower	Upper
75	100		
53	102.7	81.0	121.4
89	48.7	36.9	55.3



#82
4-Chlorotoluene
Concen: 17.439 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:	91	Resp:	143919
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0





#83

tert-Butylbenzene

Concen: 17.461 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

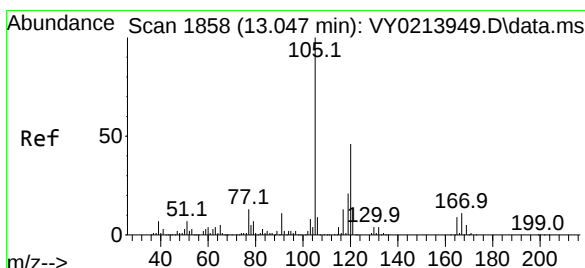
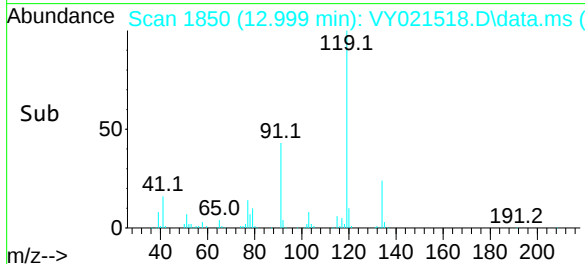
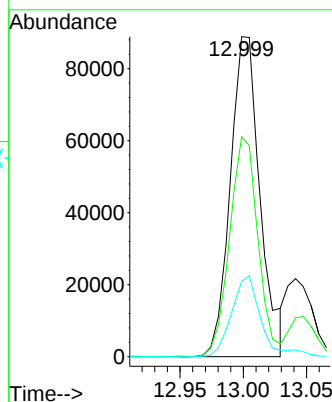
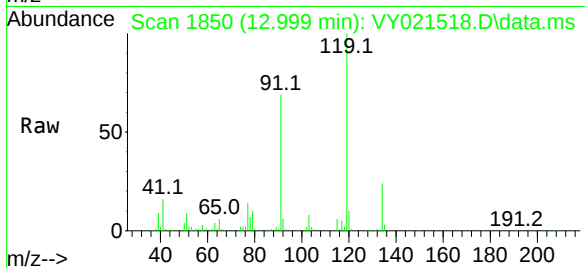
Tgt Ion:119 Resp: 145270

Ion Ratio Lower Upper

119 100

91 65.7 33.2 99.6

134 25.1 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 17.617 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021518.D

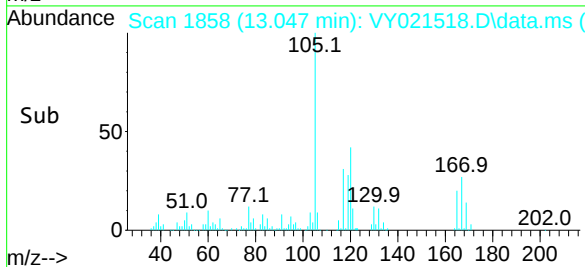
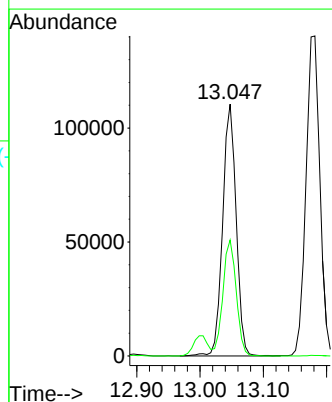
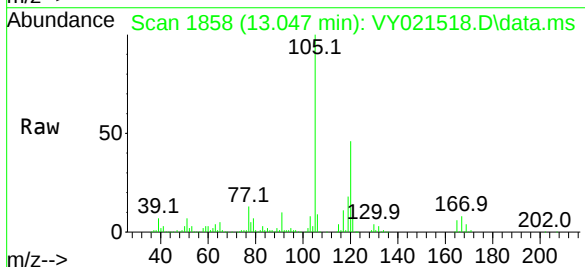
Acq: 13 Mar 2025 12:13

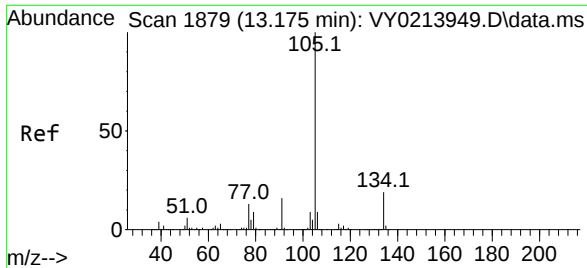
Tgt Ion:105 Resp: 163133

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1

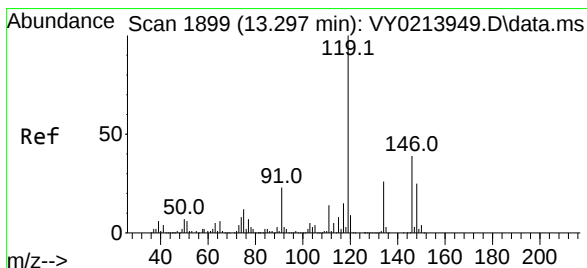
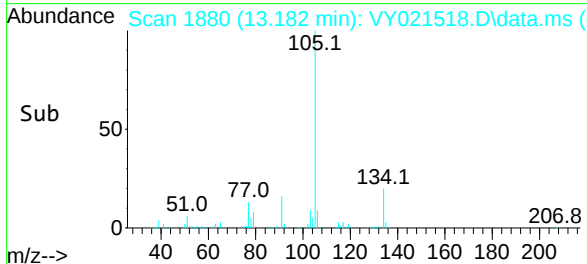
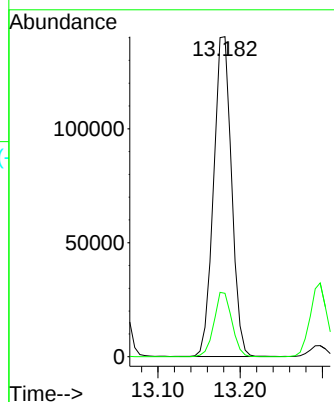
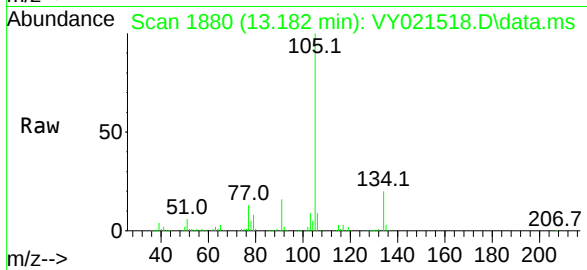




#85
 sec-Butylbenzene
 Concen: 17.213 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

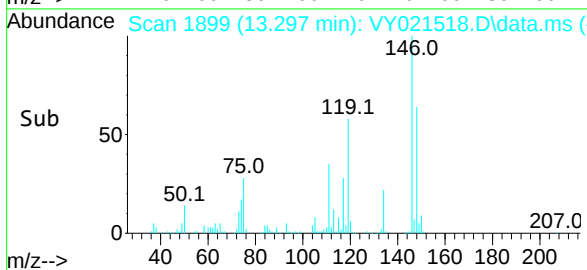
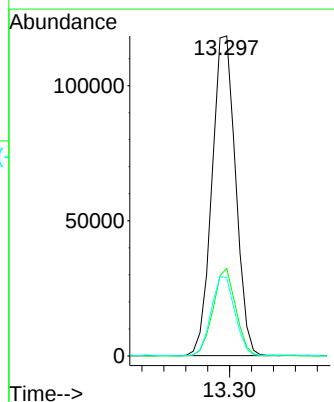
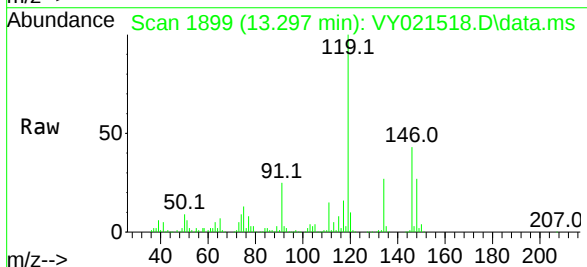
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

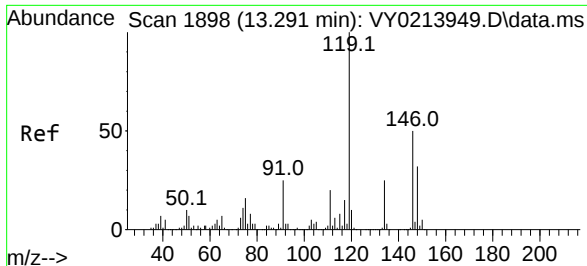
Tgt Ion:105 Resp: 213082
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 17.355 ug/l
 RT: 13.297 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion:119 Resp: 176994
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 24.9 12.2 36.6

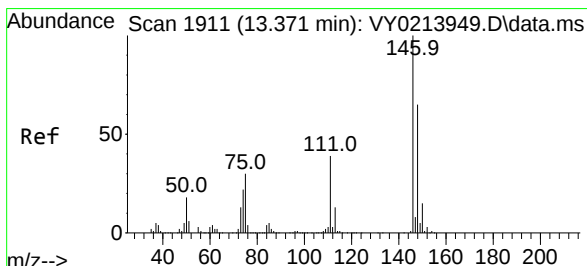
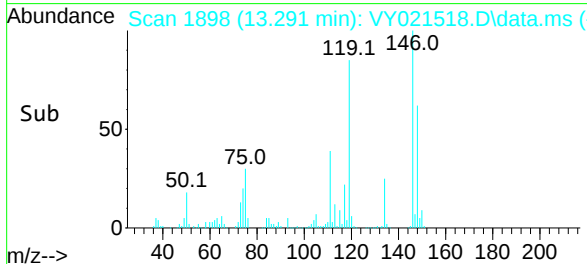
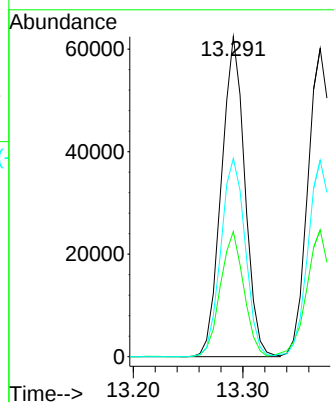
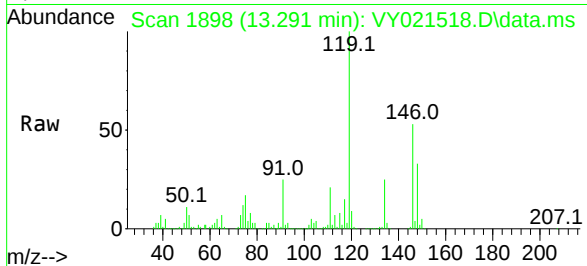




#87
 1,3-Dichlorobenzene
 Concen: 17.359 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

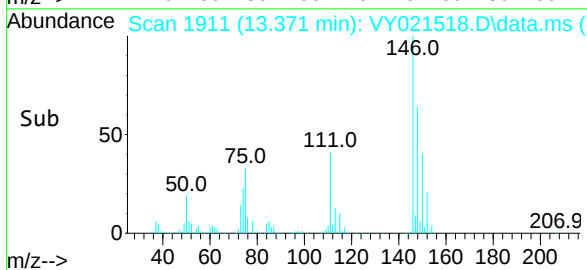
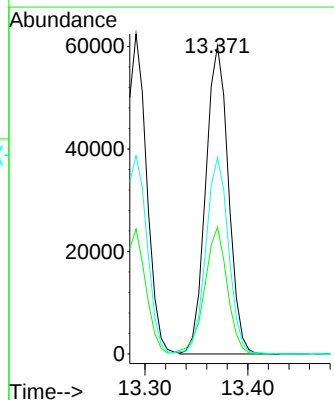
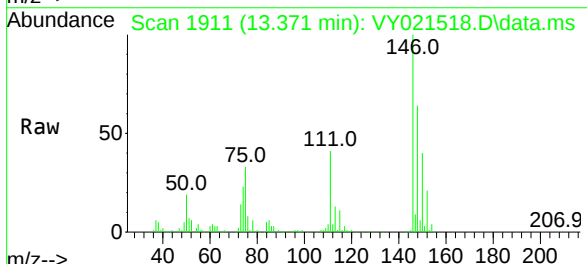
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

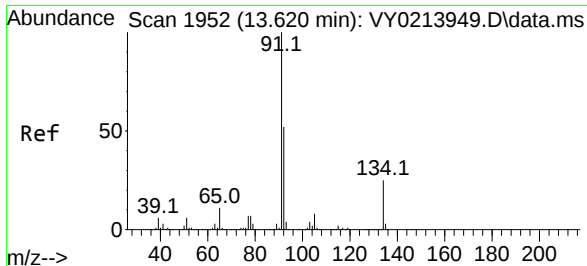
Tgt Ion:146 Resp: 92773
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 60.0
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.653 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion:146 Resp: 92265
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.6 58.8
 148 63.8 32.3 96.8





#89

n-Butylbenzene

Concen: 17.331 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

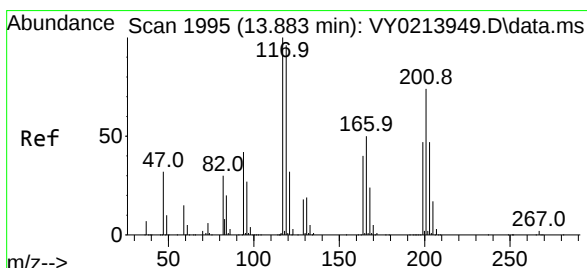
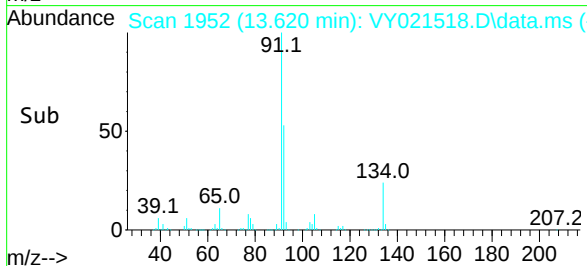
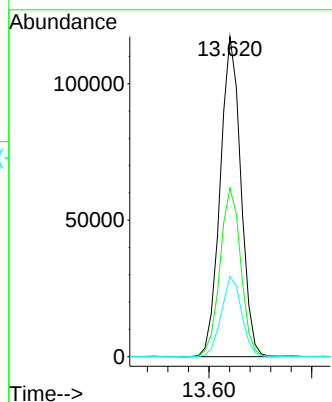
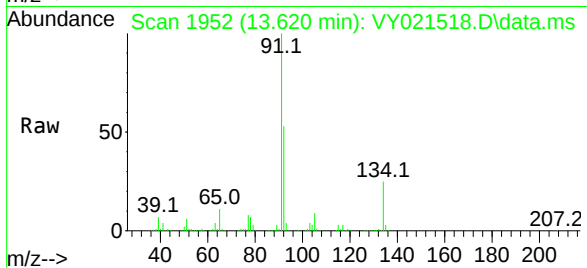
Tgt Ion: 91 Resp: 163207

Ion Ratio Lower Upper

91 100

92 53.1 26.1 78.3

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 17.299 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY021518.D

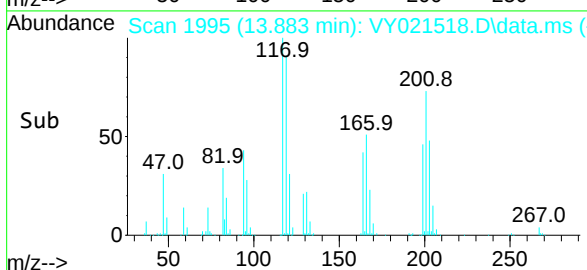
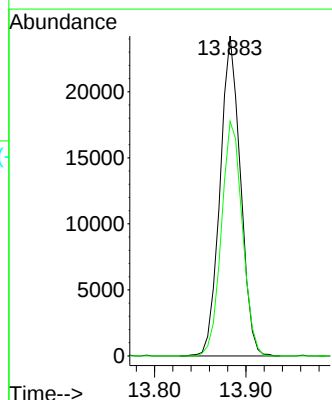
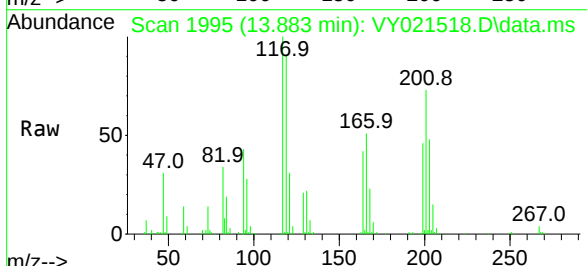
Acq: 13 Mar 2025 12:13

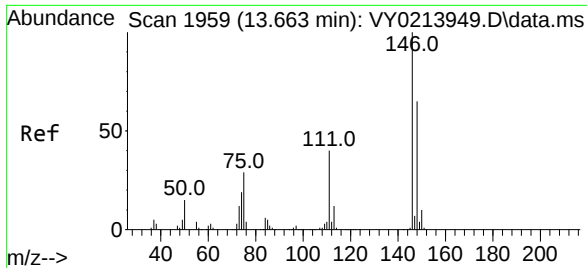
Tgt Ion: 117 Resp: 37636

Ion Ratio Lower Upper

117 100

201 75.1 37.4 112.2

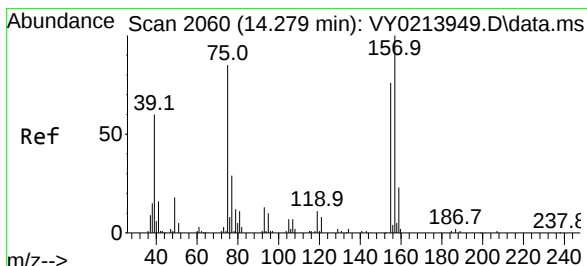
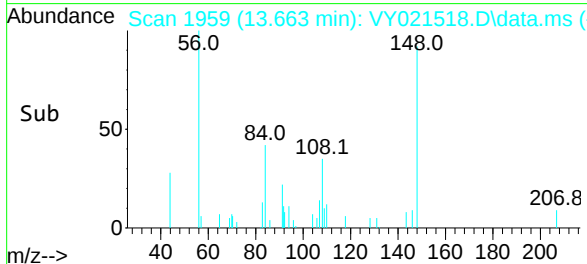
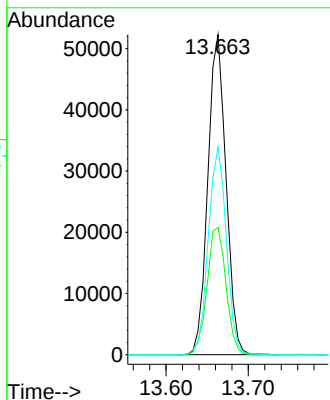
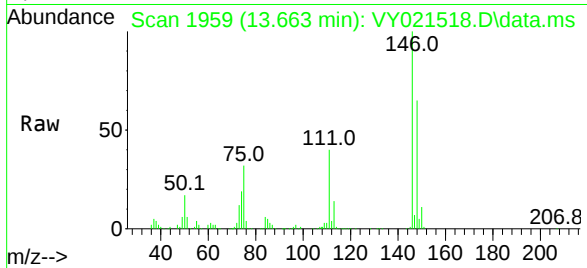




#91
 1,2-Dichlorobenzene
 Concen: 17.546 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

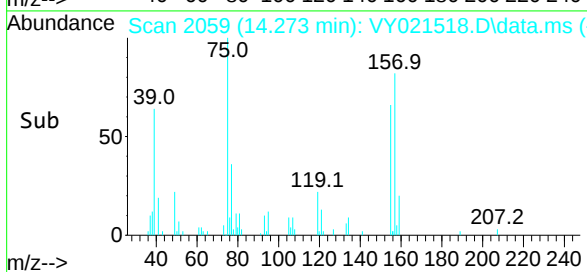
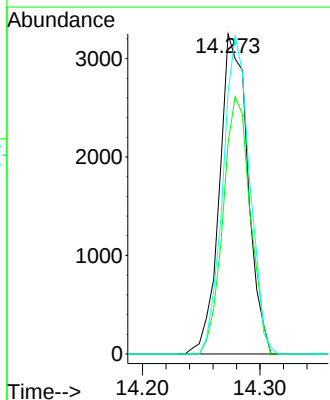
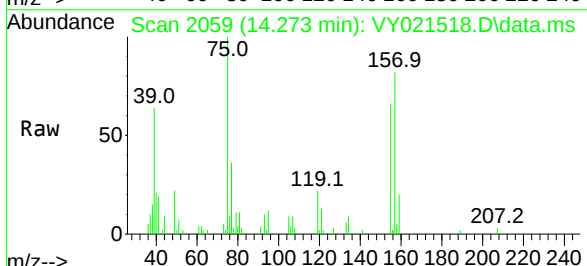
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

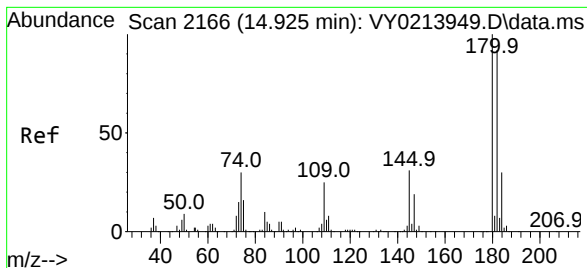
Tgt Ion:	146	Resp:	80371
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	64.6	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.810 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion:	75	Resp:	5403
Ion	Ratio	Lower	Upper
75	100		
155	78.0	43.5	130.5
157	94.5	54.4	163.2

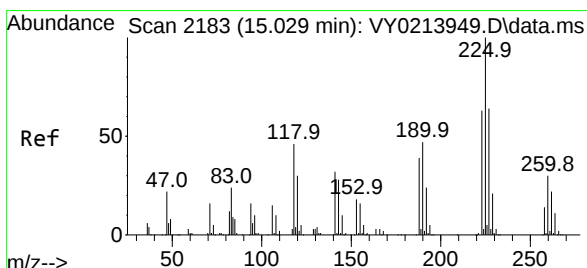
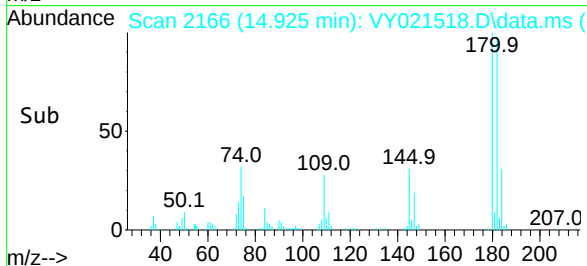
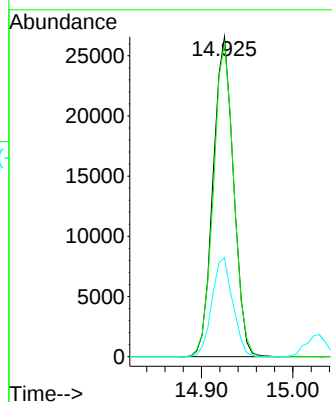
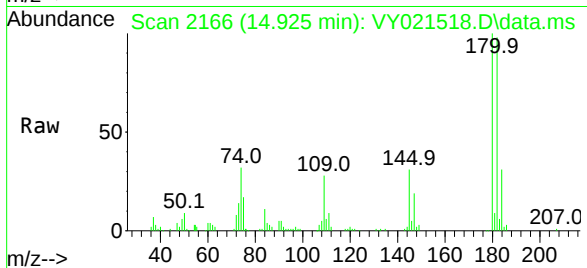




#93
 1,2,4-Trichlorobenzene
 Concen: 16.444 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

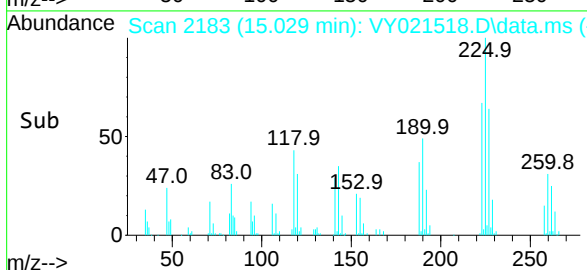
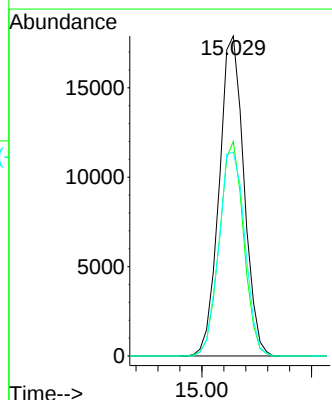
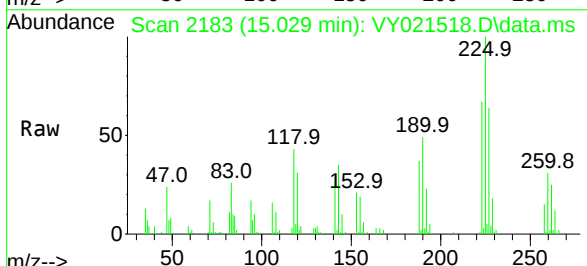
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

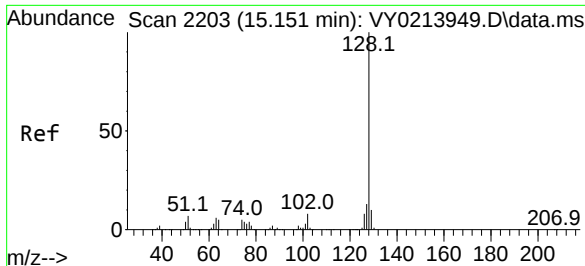
Tgt Ion:180 Resp: 41142
 Ion Ratio Lower Upper
 180 100
 182 97.8 46.7 140.0
 145 31.6 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 17.906 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion:225 Resp: 28082
 Ion Ratio Lower Upper
 225 100
 223 65.6 31.4 94.2
 227 67.2 31.8 95.4

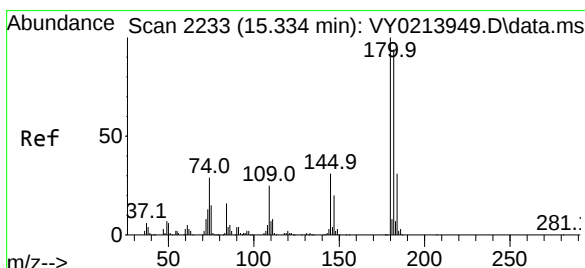
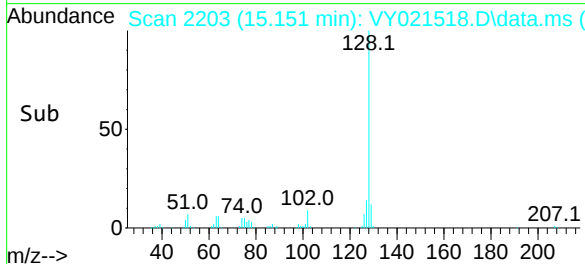
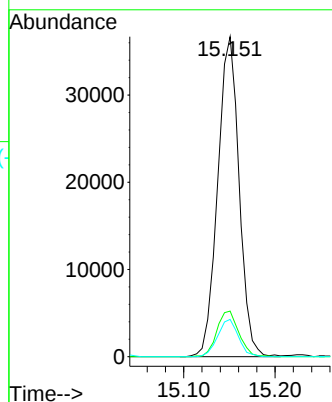
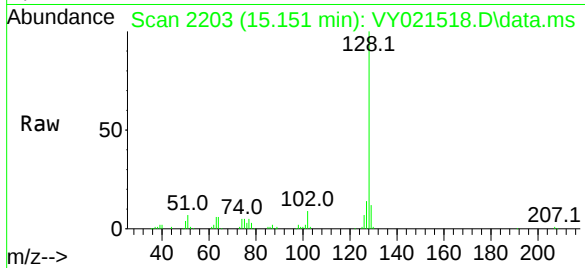




#95
Naphthalene
Concen: 16.138 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

Tgt Ion:128	Resp:	59736
Ion Ratio	Lower	Upper
128	100	
127	14.6	10.6 15.8
129	11.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.687 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:180	Resp:	35113
Ion Ratio	Lower	Upper
180	100	
182	96.7	47.2 141.6
145	31.9	16.4 49.1

