

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021453.D
 Acq On : 07 Mar 2025 12:03
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Quant Time: Mar 07 22:00:05 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	7.707	168	219868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	343563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	152803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123341	53.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.160%	
35) Dibromofluoromethane	7.634	113	117478	52.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.040%	
50) Toluene-d8	10.109	98	444032	51.930	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.408	95	148084	50.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39418	19.537	ug/l	94
3) Chloromethane	2.068	50	57411	20.182	ug/l	98
4) Vinyl Chloride	2.202	62	64302	20.685	ug/l	96
5) Bromomethane	2.592	94	46339	20.625	ug/l	96
6) Chloroethane	2.732	64	44175	21.504	ug/l	97
7) Trichlorofluoromethane	3.056	101	94934	21.880	ug/l	95
8) Diethyl Ether	3.452	74	23849	19.834	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	49349	19.921	ug/l	99
10) Methyl Iodide	4.007	142	48739	19.355	ug/l	100
11) Tert butyl alcohol	4.872	59	18258	108.044	ug/l	99
12) 1,1-Dichloroethene	3.787	96	43870	19.424	ug/l	97
13) Acrolein	3.647	56	16580	140.270	ug/l	95
14) Allyl chloride	4.385	41	70258	19.249	ug/l	99
15) Acrylonitrile	5.061	53	50908	99.456	ug/l	98
16) Acetone	3.866	43	58595	115.604	ug/l	96
17) Carbon Disulfide	4.104	76	133704	18.890	ug/l	99
18) Methyl Acetate	4.385	43	23025	20.473	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	110998	19.390	ug/l	99
20) Methylene Chloride	4.616	84	54760	20.582	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	49678	19.641	ug/l	95
22) Diisopropyl ether	6.018	45	157929	20.078	ug/l	99
23) Vinyl Acetate	5.957	43	450639	100.386	ug/l	99
24) 1,1-Dichloroethane	5.915	63	91407	19.690	ug/l	99
25) 2-Butanone	6.896	43	75161	107.199	ug/l	99
26) 2,2-Dichloropropane	6.884	77	82994	19.429	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	54488	18.963	ug/l	98
28) Bromochloromethane	7.244	49	37442	19.238	ug/l	99
29) Tetrahydrofuran	7.262	42	44158	102.018	ug/l	97
30) Chloroform	7.421	83	95944	19.903	ug/l	99
31) Cyclohexane	7.701	56	82128	18.870	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	86978	19.705	ug/l	99
36) 1,1-Dichloropropene	7.835	75	68637	19.417	ug/l	98
37) Ethyl Acetate	6.982	43	31592	20.220	ug/l	97
38) Carbon Tetrachloride	7.817	117	79070	19.449	ug/l	96
39) Methylcyclohexane	9.109	83	81593	18.818	ug/l	99
40) Benzene	8.079	78	202793	19.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	41781	49.112	ug/l #	36
42) 1,2-Dichloroethane	8.158	62	57755	19.826	ug/l	100
43) Isopropyl Acetate	8.195	43	59917	19.755	ug/l #	87
44) Trichloroethene	8.865	130	50339	19.130	ug/l	99
45) 1,2-Dichloropropane	9.140	63	49619	20.021	ug/l	97
46) Dibromomethane	9.231	93	27131	19.675	ug/l	99
47) Bromodichloromethane	9.426	83	71823	19.613	ug/l	99
48) Methyl methacrylate	9.219	41	27630	19.839	ug/l	98
49) 1,4-Dioxane	9.237	88	5803	428.740	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	157126	100.404	ug/l	98
52) Toluene	10.170	92	128919	19.637	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	62838	19.476	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	73636	19.223	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	35572	19.720	ug/l	96
56) Ethyl methacrylate	10.438	69	44620	19.396	ug/l	100
57) 1,3-Dichloropropane	10.719	76	60936	19.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	107568	101.290	ug/l	99
59) 2-Hexanone	10.762	43	109553	105.872	ug/l	98
60) Dibromochloromethane	10.914	129	47870	19.358	ug/l	99
61) 1,2-Dibromoethane	11.018	107	33437	19.641	ug/l	97
64) Tetrachloroethene	10.646	164	48058	19.598	ug/l	98
65) Chlorobenzene	11.444	112	135015	18.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	48814	19.388	ug/l	100
67) Ethyl Benzene	11.517	91	238496	19.081	ug/l	99
68) m/p-Xylenes	11.627	106	184669	38.916	ug/l	99
69) o-Xylene	11.956	106	83621	19.120	ug/l	99
70) Styrene	11.969	104	140205	19.324	ug/l	99
71) Bromoform	12.133	173	28337	20.134	ug/l #	98
73) Isopropylbenzene	12.255	105	227722	18.919	ug/l	100
74) N-amyl acetate	12.072	43	49116	18.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	41732	19.647	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	53382	34.669	ug/l #	100
77) Bromobenzene	12.536	156	51851	18.413	ug/l	98
78) n-propylbenzene	12.597	91	280785	19.208	ug/l	100
79) 2-Chlorotoluene	12.682	91	159129	19.038	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	187183	19.136	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13174	19.450	ug/l	95
82) 4-Chlorotoluene	12.779	91	166239	19.206	ug/l	100
83) tert-Butylbenzene	12.999	119	163102	18.691	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	185591	19.109	ug/l	100
85) sec-Butylbenzene	13.176	105	249181	19.192	ug/l	100
86) p-Isopropyltoluene	13.292	119	202582	18.939	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	105372	18.798	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	104875	19.131	ug/l	98
89) n-Butylbenzene	13.621	91	186240	18.856	ug/l	99
90) Hexachloroethane	13.883	117	43553	19.087	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	91257	18.995	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6311	19.835	ug/l	90
93) 1,2,4-Trichlorobenzene	14.925	180	47173	17.977	ug/l	97
94) Hexachlorobutadiene	15.029	225	31456	19.123	ug/l	99
95) Naphthalene	15.151	128	74806	18.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	39961	18.107	ug/l	99

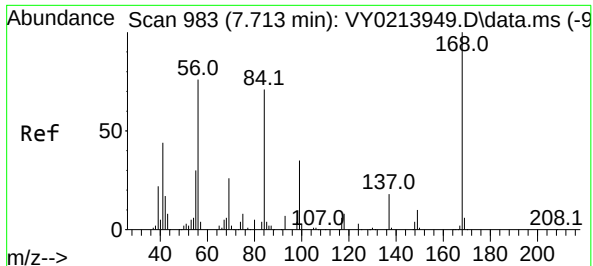
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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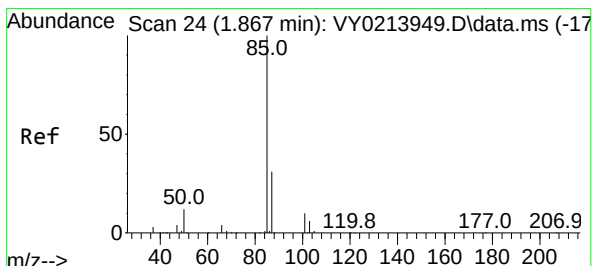
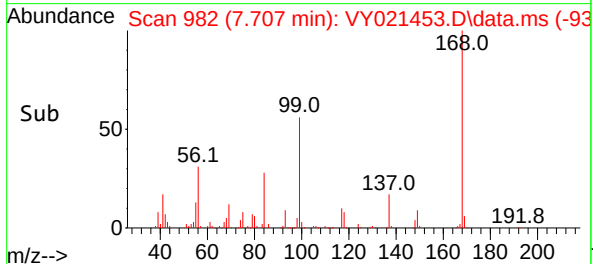
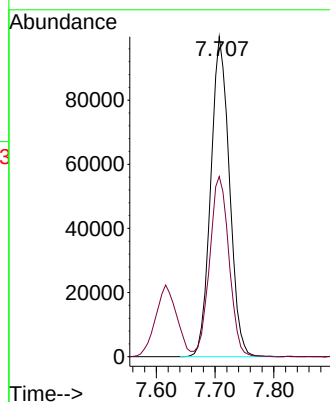
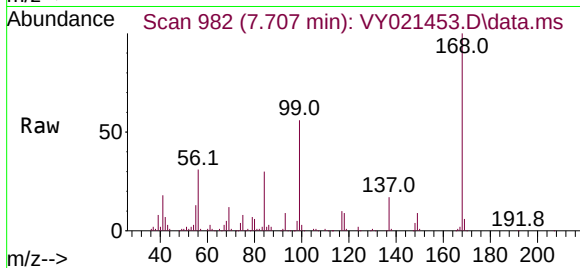
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

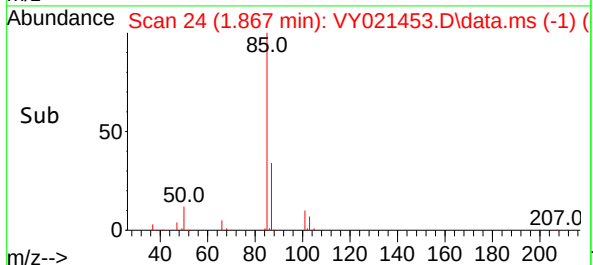
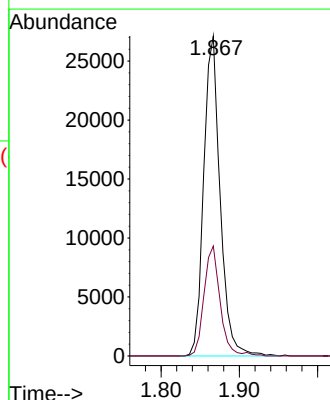
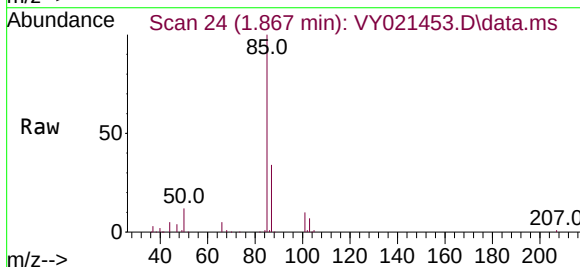
Instrument :
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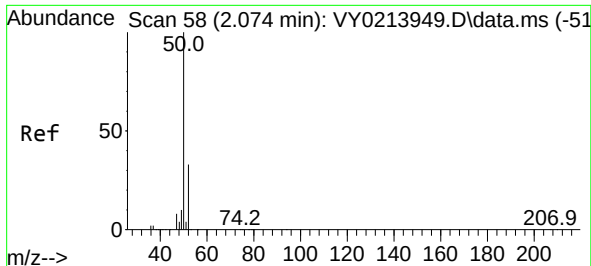
Tgt Ion:168 Resp: 219868
Ion Ratio Lower Upper
168 100
99 56.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 19.537 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 85 Resp: 39418
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.0

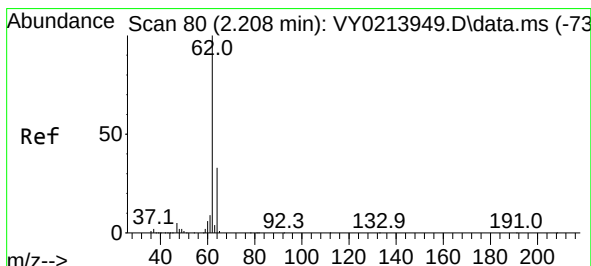
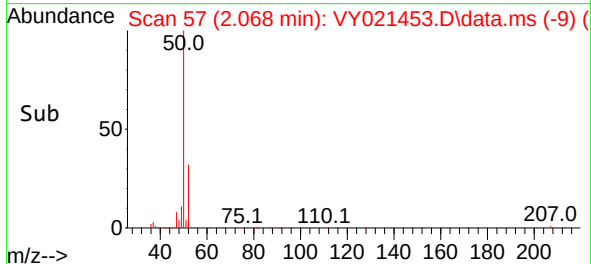
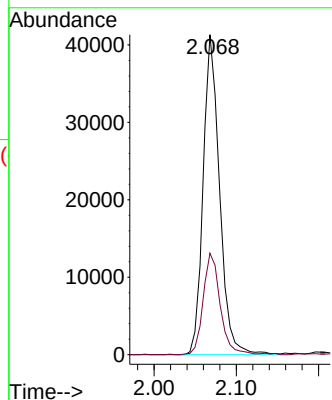
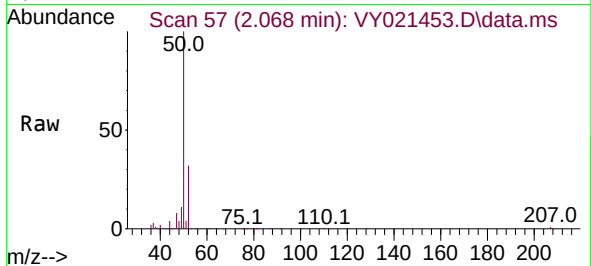




#3
Chloromethane
Concen: 20.182 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

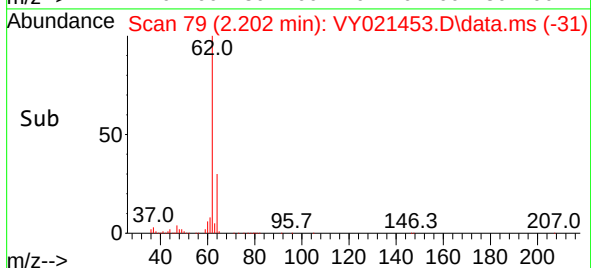
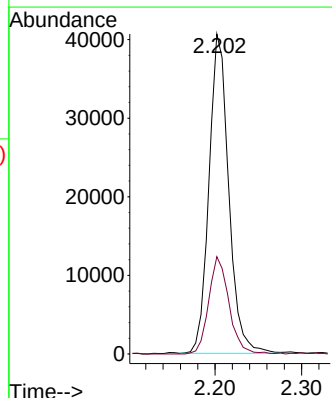
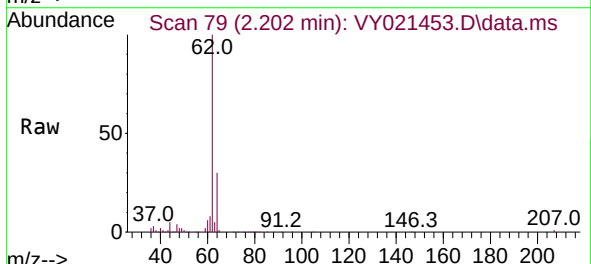
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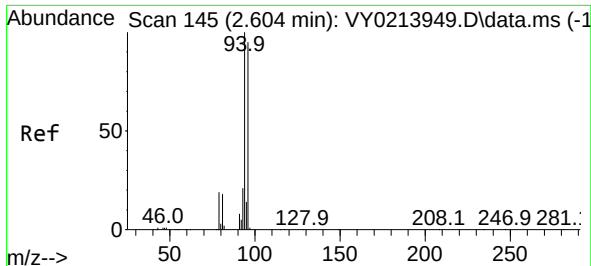
Tgt Ion: 50 Resp: 57411
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



#4
Vinyl Chloride
Concen: 20.685 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 62 Resp: 64302
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2

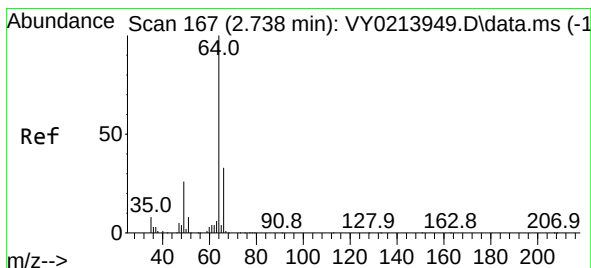
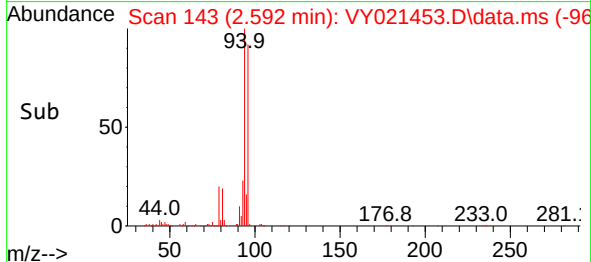
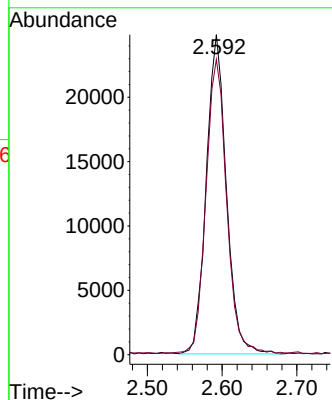
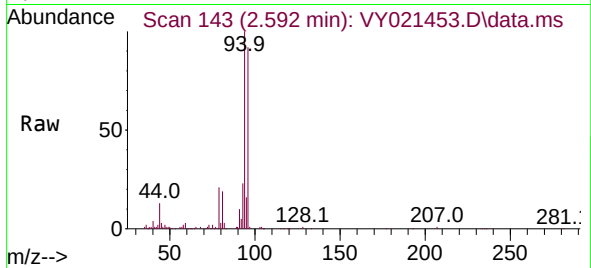




#5
Bromomethane
Concen: 20.625 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

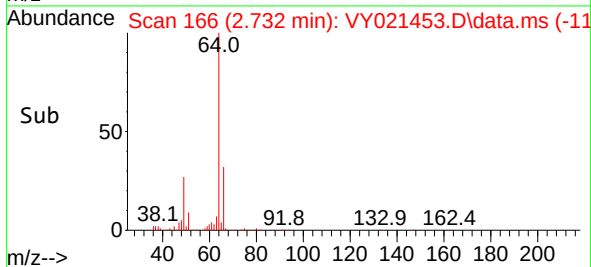
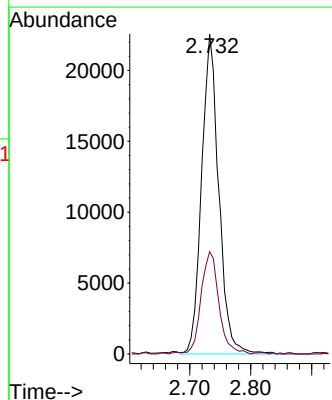
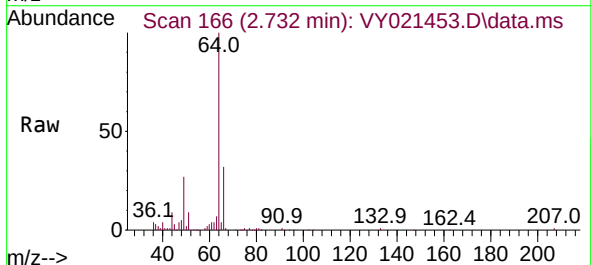
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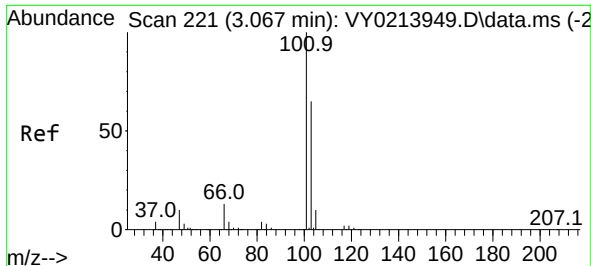
Tgt Ion: 94 Resp: 46339
Ion Ratio Lower Upper
94 100
96 91.7 76.3 114.5



#6
Chloroethane
Concen: 21.504 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 64 Resp: 44175
Ion Ratio Lower Upper
64 100
66 31.6 26.7 40.1

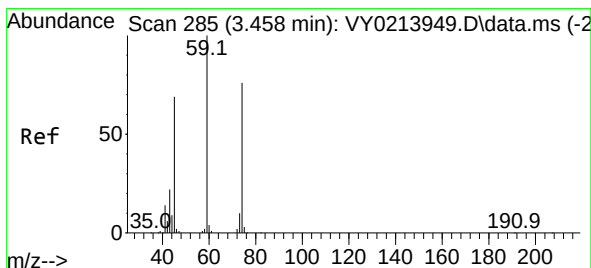
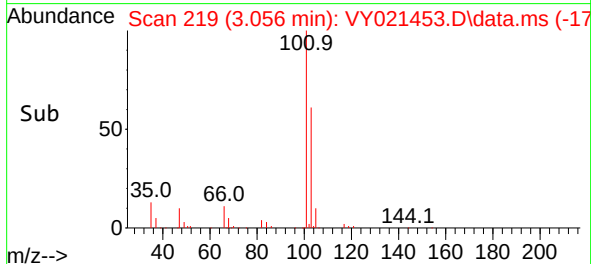
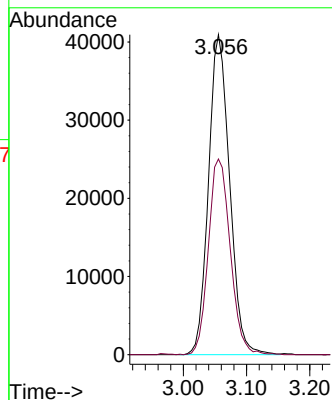
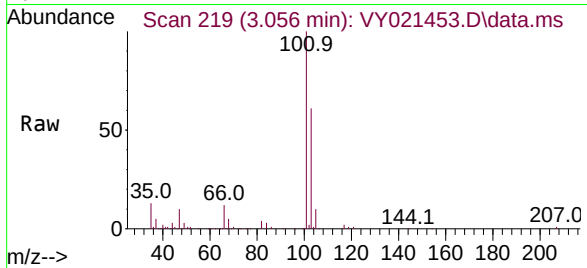




#7
Trichlorofluoromethane
Concen: 21.880 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021453.D
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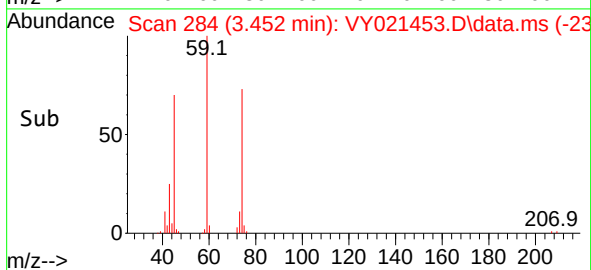
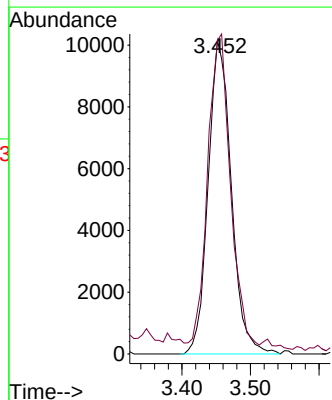
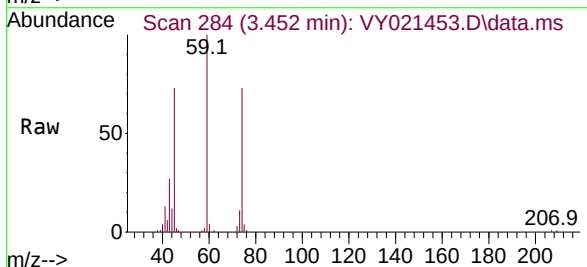
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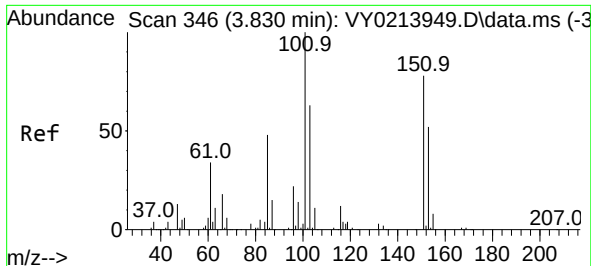
Tgt Ion:101 Resp: 94934
Ion Ratio Lower Upper
101 100
103 61.0 51.7 77.5



#8
Diethyl Ether
Concen: 19.834 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 74 Resp: 23849
Ion Ratio Lower Upper
74 100
45 100.2 49.7 149.1

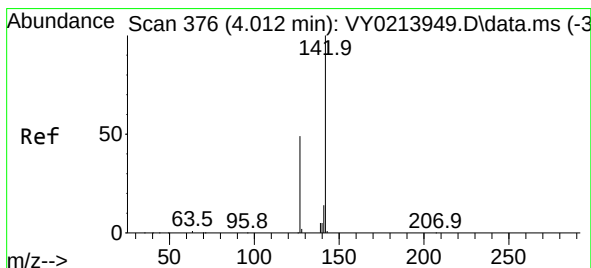
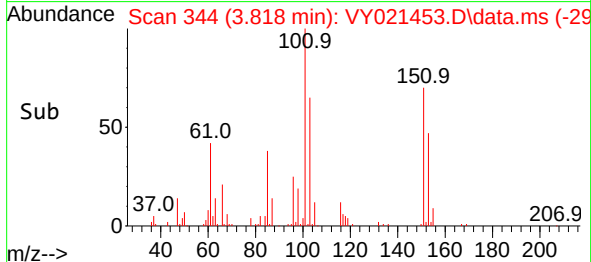
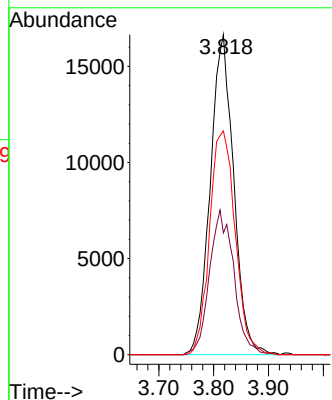
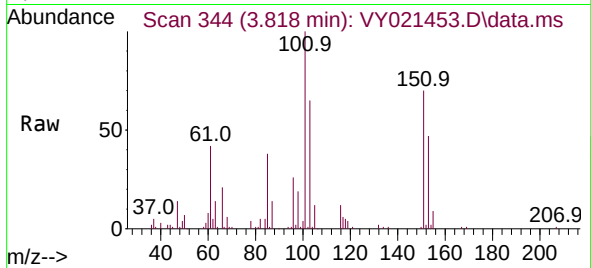




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.921 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021453.D
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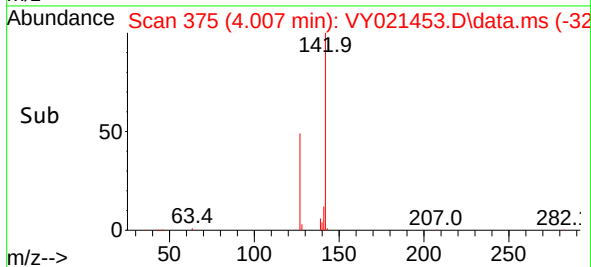
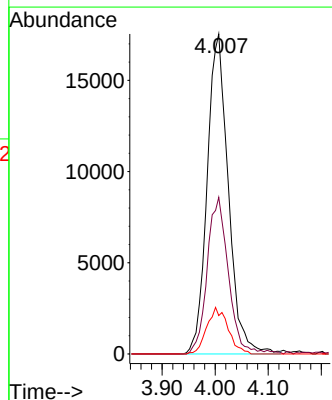
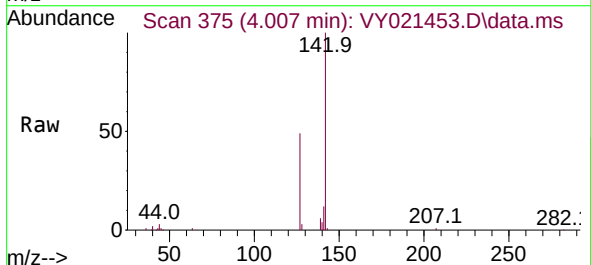
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ClientSampleId :
VY0307SBS01

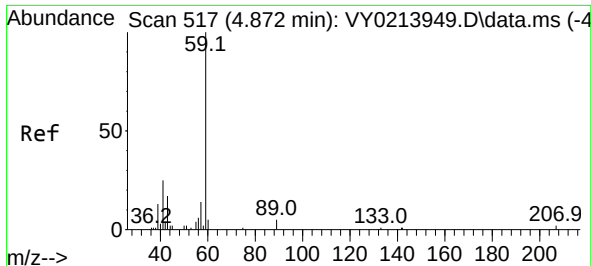
Tgt Ion:101 Resp: 49349
Ion Ratio Lower Upper
101 100
85 47.2 37.1 55.7
151 76.4 62.1 93.1



#10
Methyl Iodide
Concen: 19.355 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion:142 Resp: 48739
Ion Ratio Lower Upper
142 100
127 48.6 39.1 58.7
141 14.6 11.8 17.6





#11

Tert butyl alcohol

Concen: 108.044 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

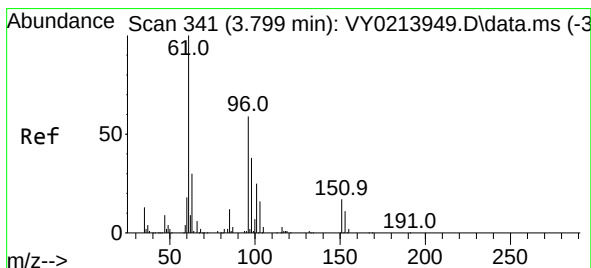
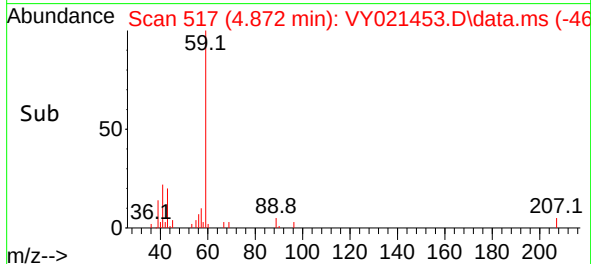
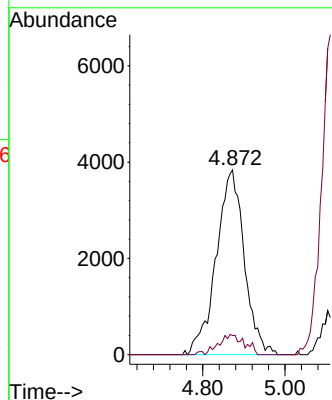
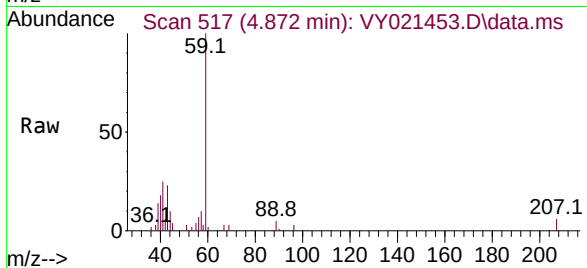
VY0307SBS01

Tgt Ion: 59 Resp: 18258

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.424 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

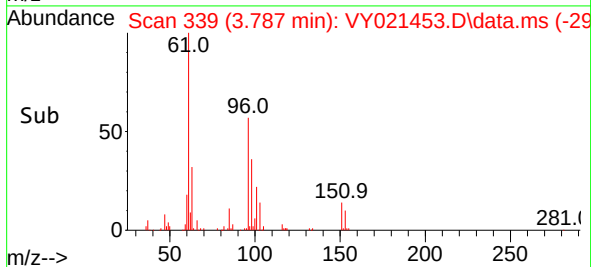
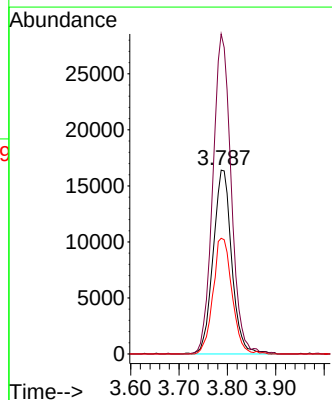
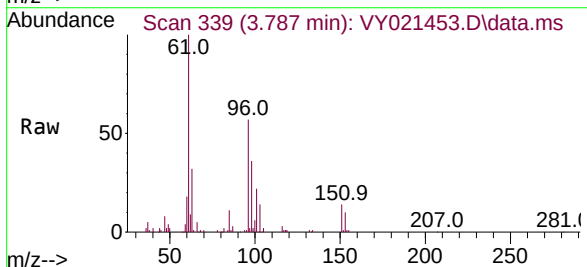
Tgt Ion: 96 Resp: 43870

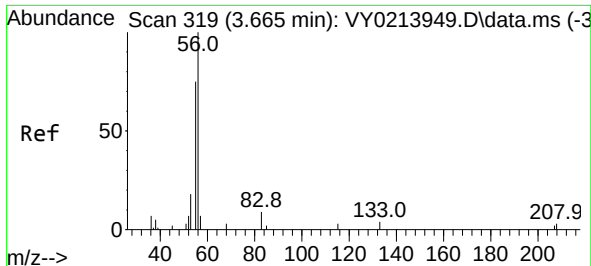
Ion Ratio Lower Upper

96 100

61 174.1 135.2 202.8

98 62.9 51.4 77.2

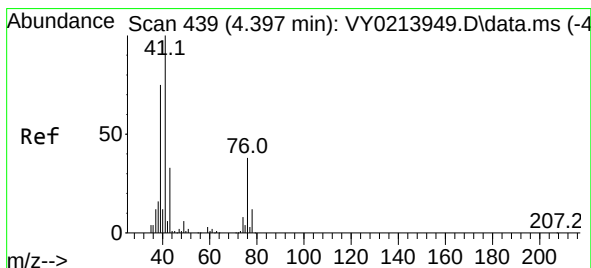
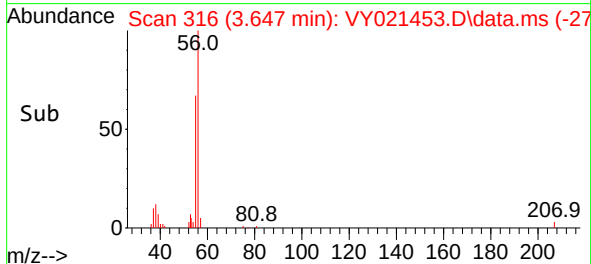
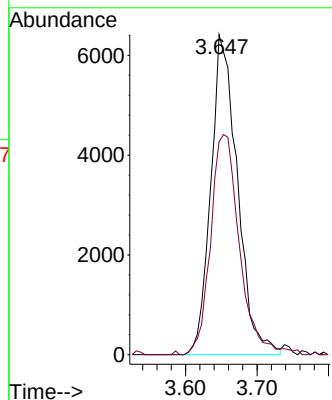
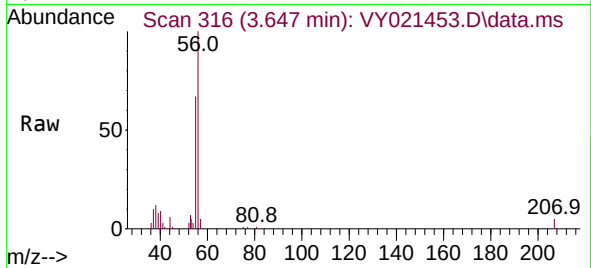




#13
Acrolein
Concen: 140.270 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

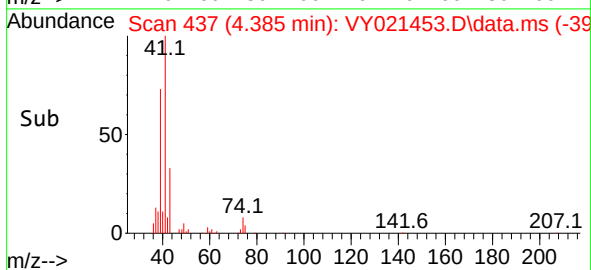
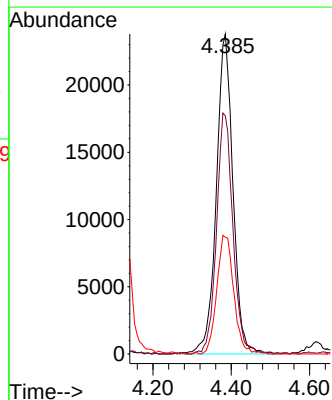
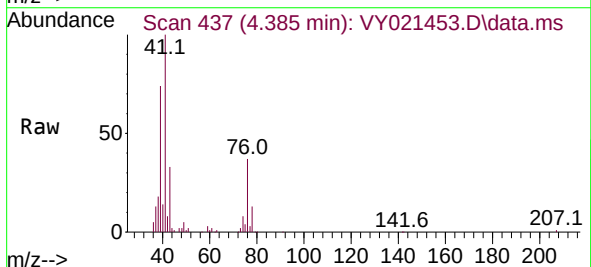
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

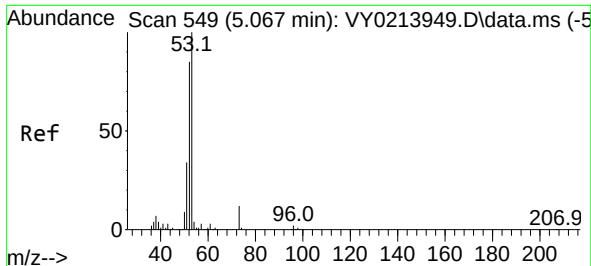
Tgt Ion: 56 Resp: 16580
Ion Ratio Lower Upper
56 100
55 74.8 63.4 95.2



#14
Allyl chloride
Concen: 19.249 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 41 Resp: 70258
Ion Ratio Lower Upper
41 100
39 74.4 59.3 88.9
76 37.8 29.8 44.8

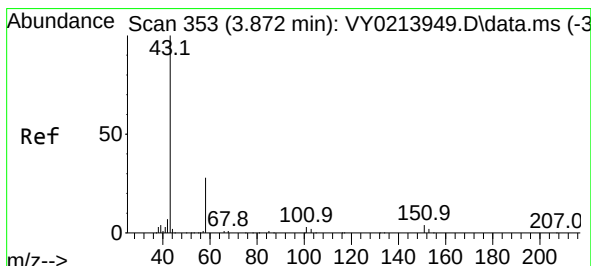
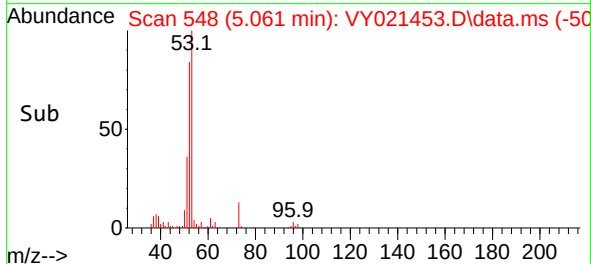
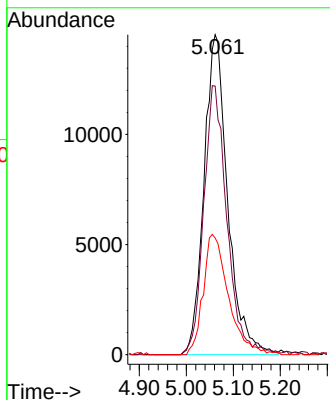
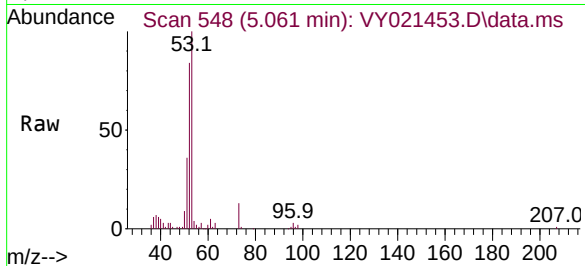




#15
Acrylonitrile
Concen: 99.456 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

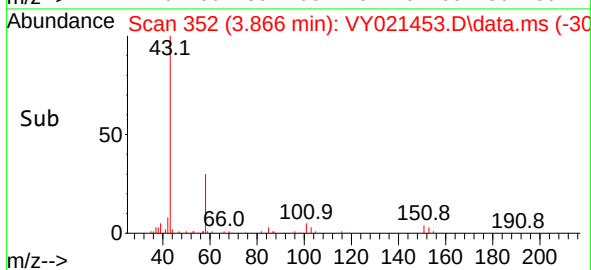
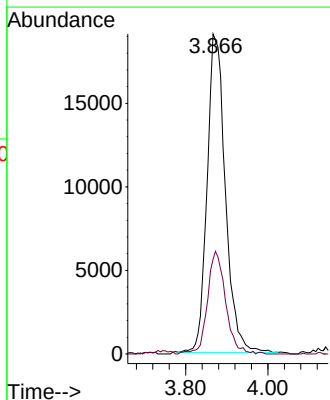
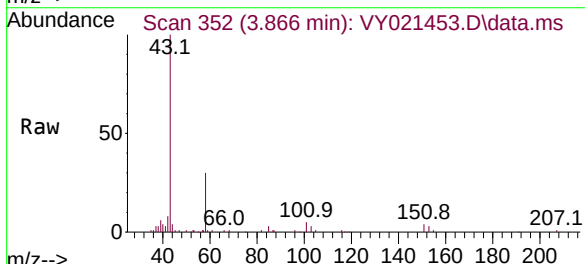
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

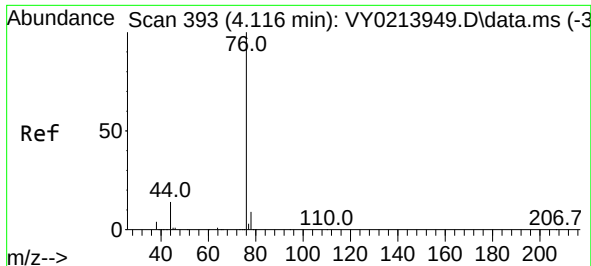
Tgt Ion: 53	Resp: 50908
Ion Ratio	Lower Upper
53 100	
52 82.2	66.3 99.5
51 40.1	30.3 45.5



#16
Acetone
Concen: 115.604 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 43	Resp: 58595
Ion Ratio	Lower Upper
43 100	
58 29.8	22.1 33.1

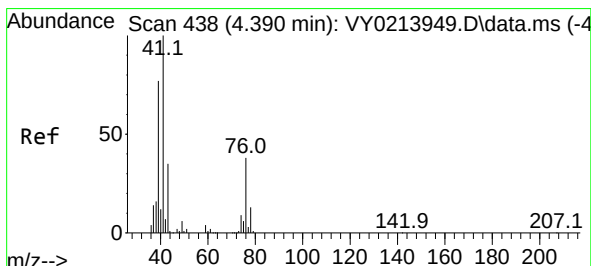
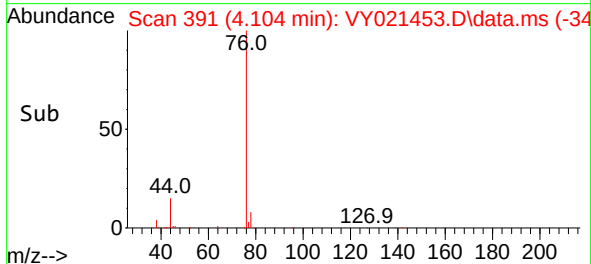
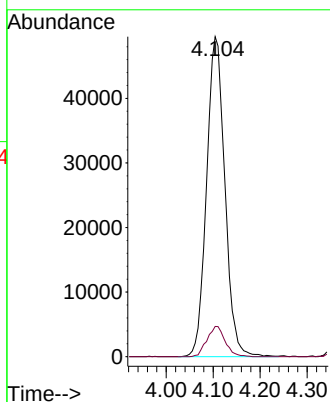
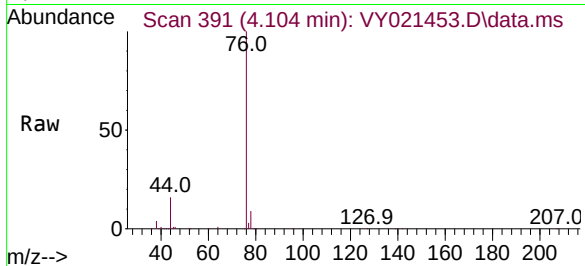




#17
Carbon Disulfide
Concen: 18.890 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

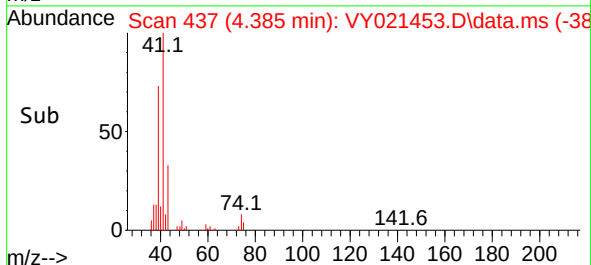
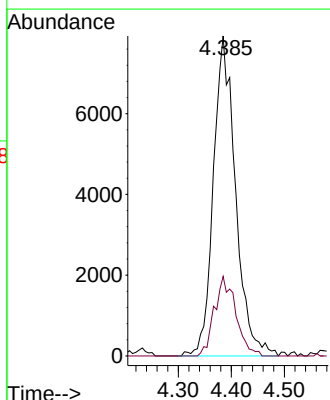
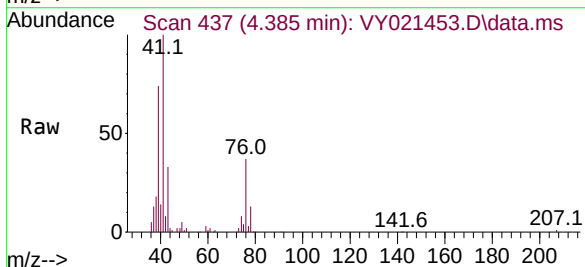
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

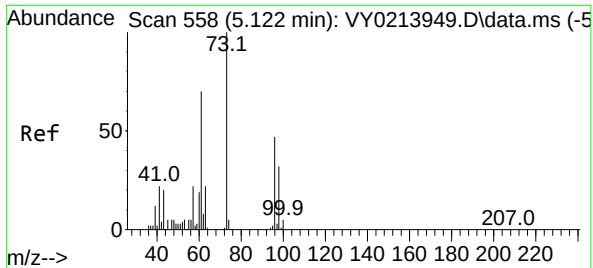
Tgt Ion: 76 Resp: 133704
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.473 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 43 Resp: 23025
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.0

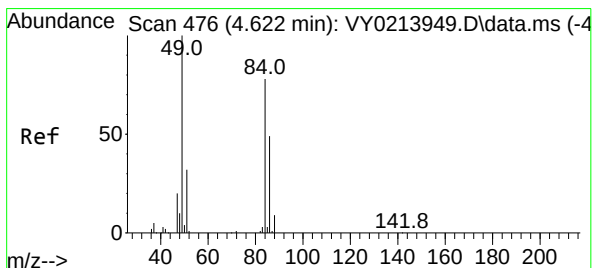
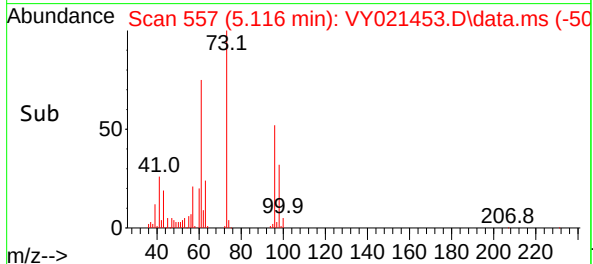
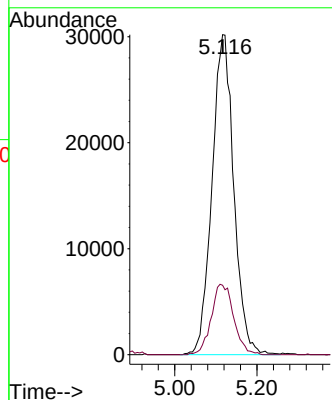
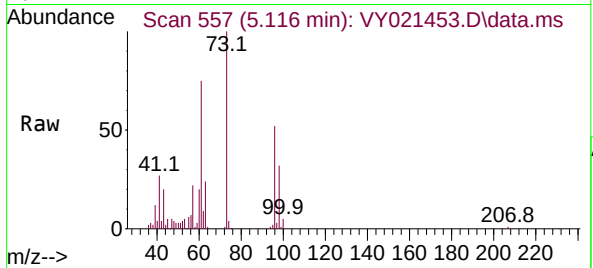




#19
Methyl tert-butyl Ether
Concen: 19.390 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

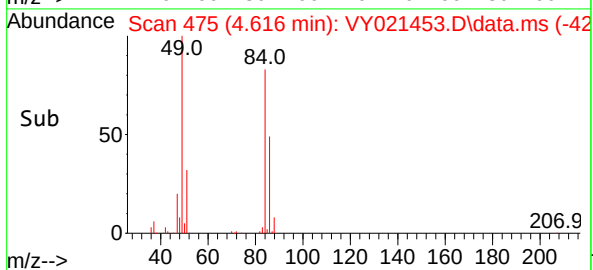
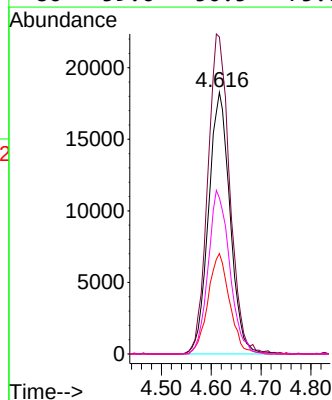
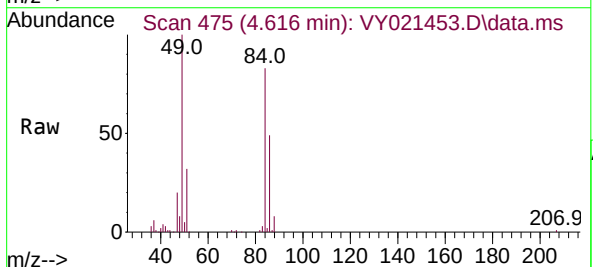
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

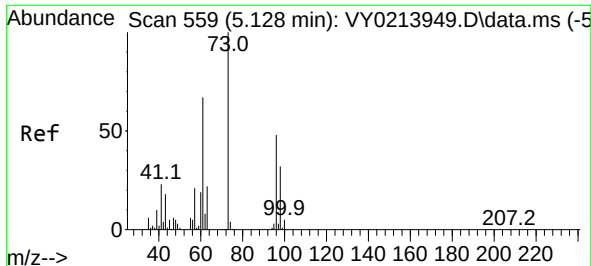
Tgt Ion: 73 Resp: 110998
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9



#20
Methylene Chloride
Concen: 20.582 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 84 Resp: 54760
Ion Ratio Lower Upper
84 100
49 121.2 102.0 153.0
51 38.3 33.0 49.6
86 59.6 50.5 75.7

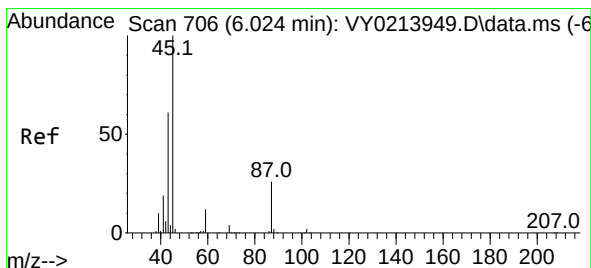
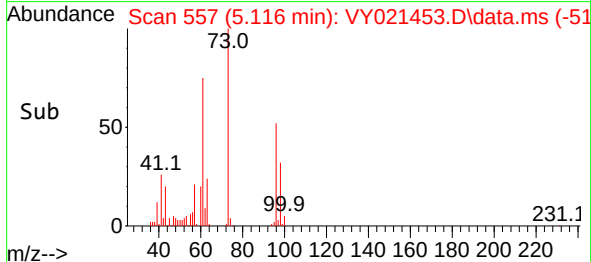
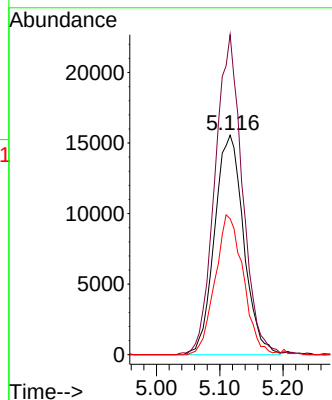
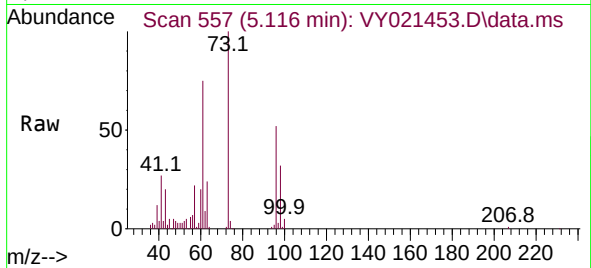




#21
trans-1,2-Dichloroethene
Concen: 19.641 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

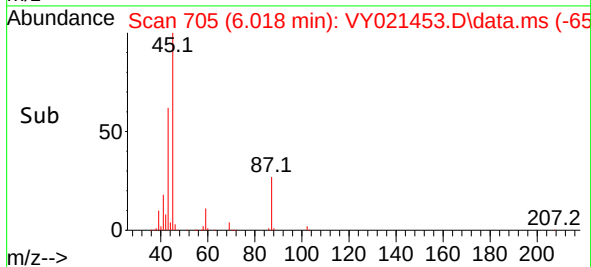
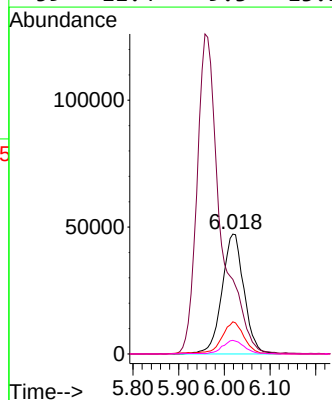
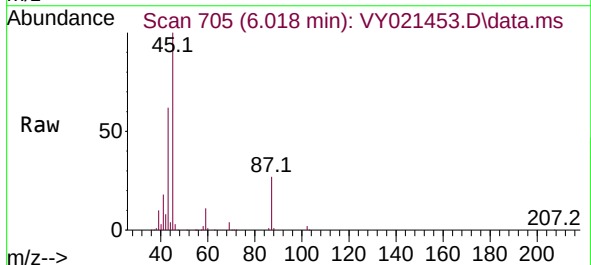
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

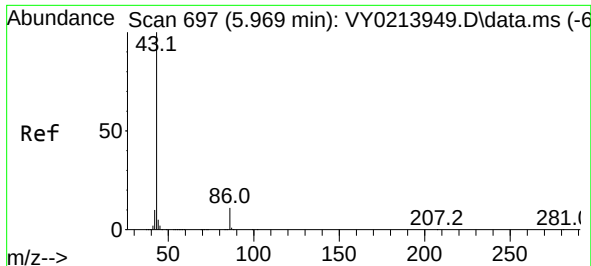
Tgt Ion: 96 Resp: 49678
Ion Ratio Lower Upper
96 100
61 145.0 111.5 167.3
98 61.9 53.8 80.8



#22
Diisopropyl ether
Concen: 20.078 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 45 Resp: 157929
Ion Ratio Lower Upper
45 100
43 61.6 48.7 73.1
87 26.7 21.5 32.3
59 11.4 9.3 13.9

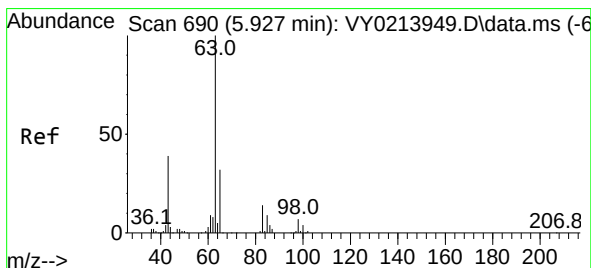
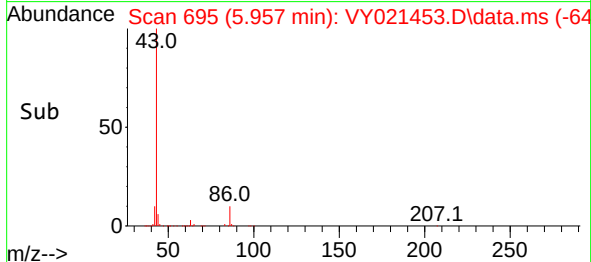
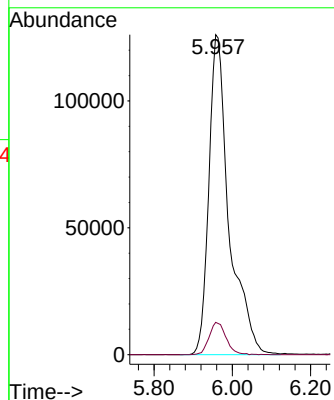
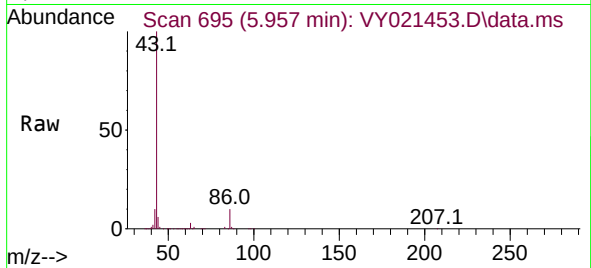




#23
 Vinyl Acetate
 Concen: 100.386 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

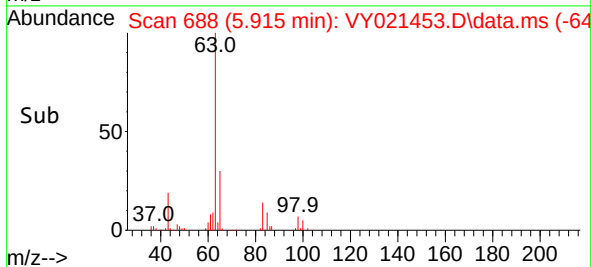
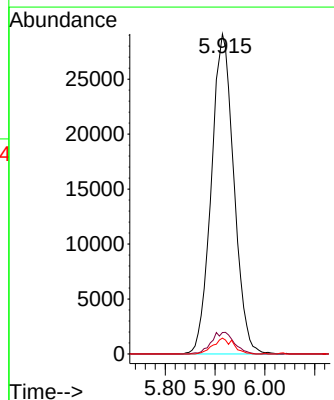
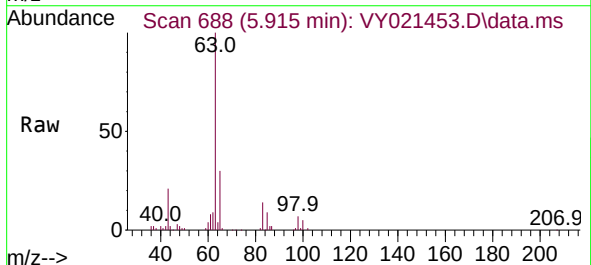
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

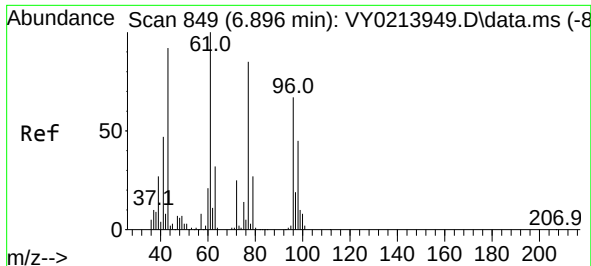
Tgt Ion: 43 Resp: 450639
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.690 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

Tgt Ion: 63 Resp: 91407
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 5.0 2.1 6.5

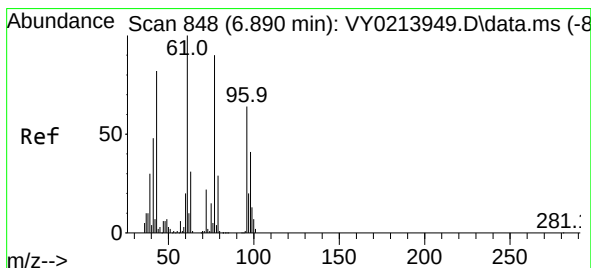
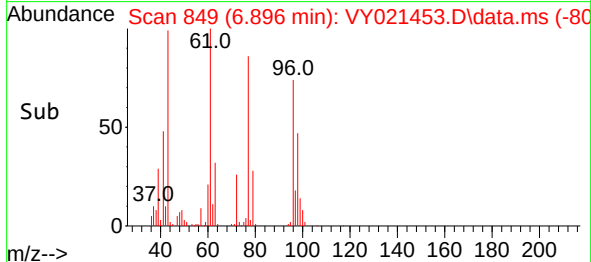
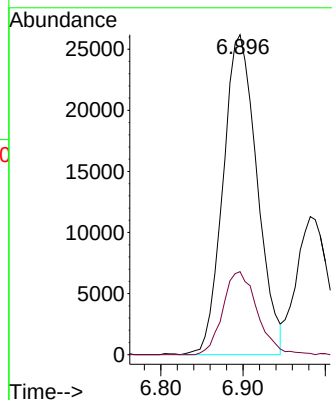
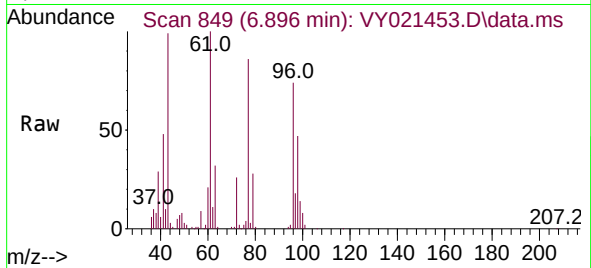




#25
2-Butanone
Concen: 107.199 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

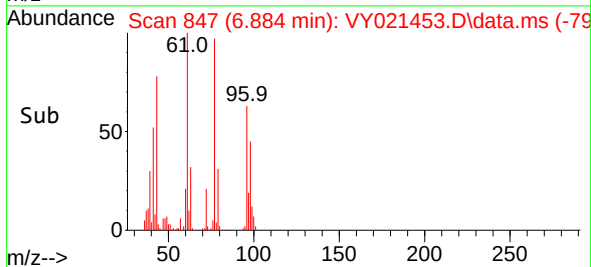
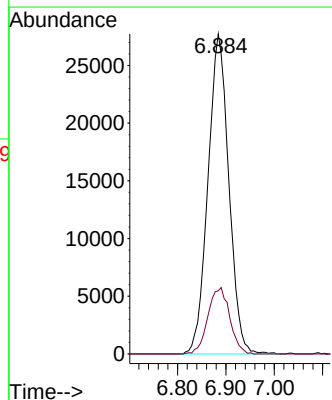
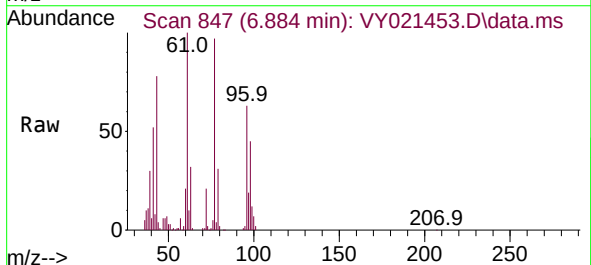
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

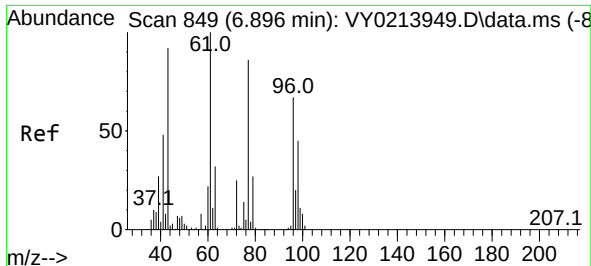
Tgt Ion: 43 Resp: 75161
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 19.429 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 77 Resp: 82994
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8

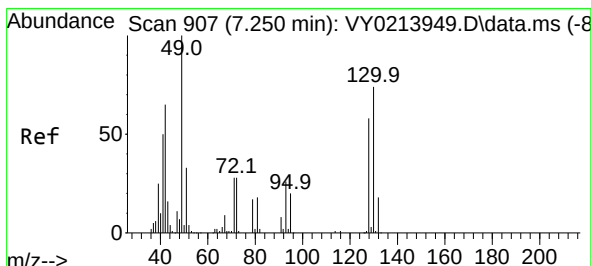
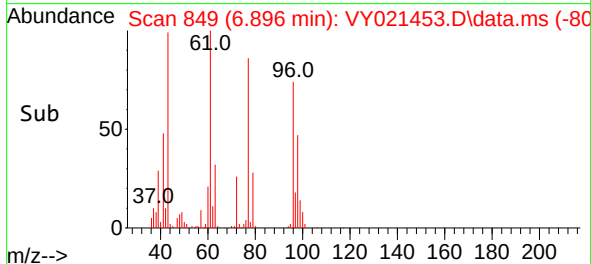
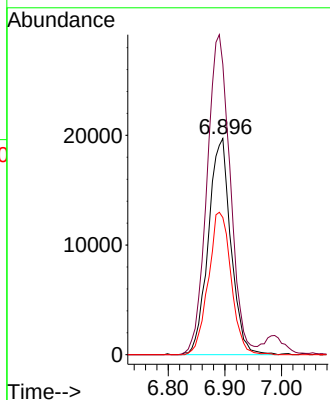
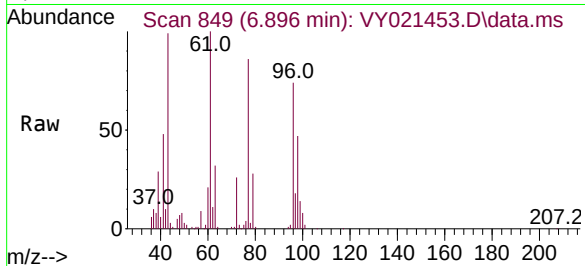




#27
 cis-1,2-Dichloroethene
 Concen: 18.963 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

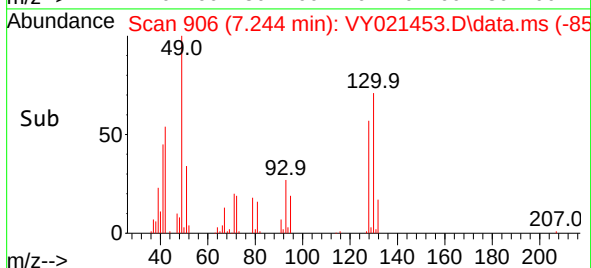
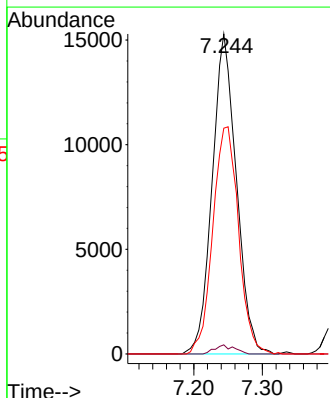
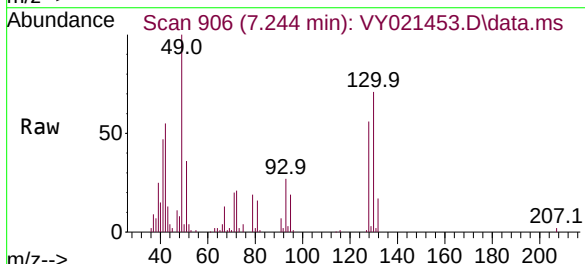
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

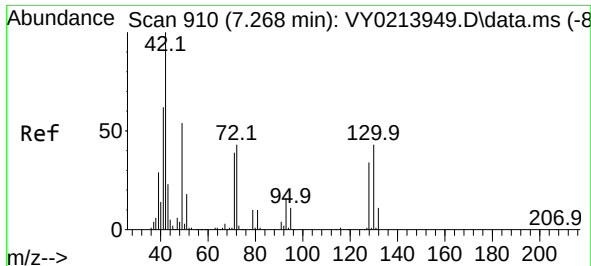
Tgt Ion: 96	Resp: 54488		
Ion Ratio	Lower	Upper	
96	100		
61	152.5	0.0	300.8
98	66.5	0.0	130.0



#28
 Bromochloromethane
 Concen: 19.238 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

Tgt Ion: 49	Resp: 37442
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 4.2
130 75.4	59.6 89.4

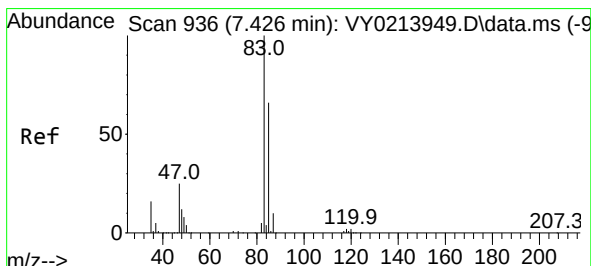
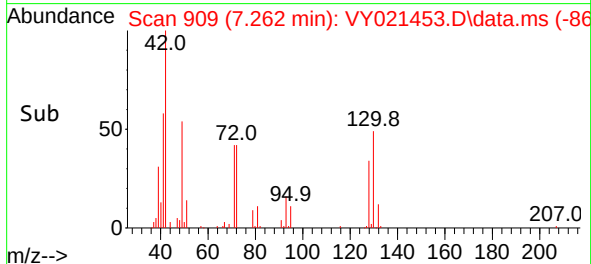
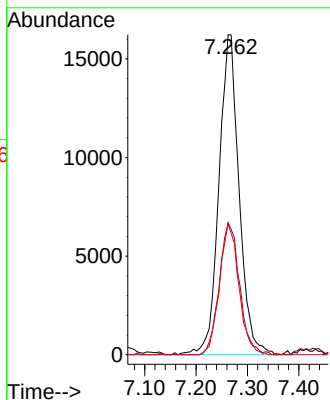
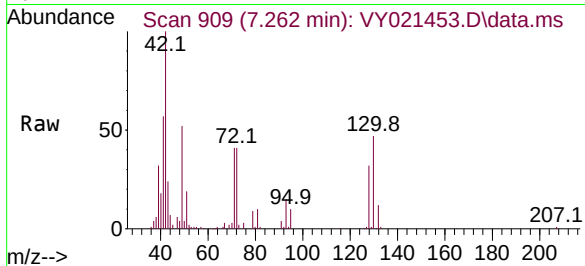




#29
Tetrahydrofuran
Concen: 102.018 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

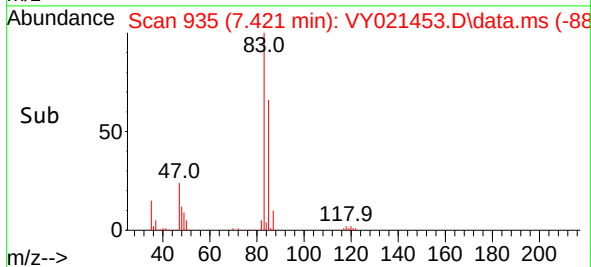
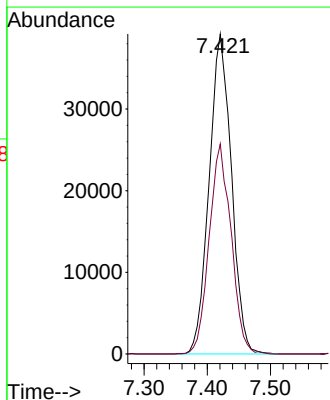
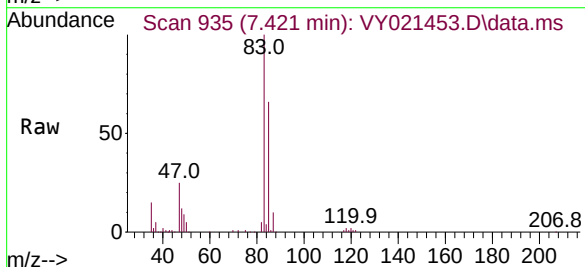
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

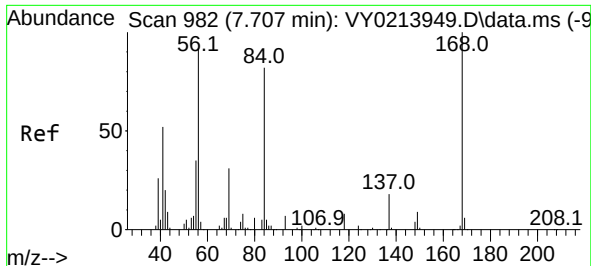
Tgt Ion: 42 Resp: 44158
Ion Ratio Lower Upper
42 100
72 41.5 34.8 52.2
71 39.3 32.6 48.8



#30
Chloroform
Concen: 19.903 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 83 Resp: 95944
Ion Ratio Lower Upper
83 100
85 65.6 53.1 79.7





#31

Cyclohexane

Concen: 18.870 ug/l

RT: 7.701 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

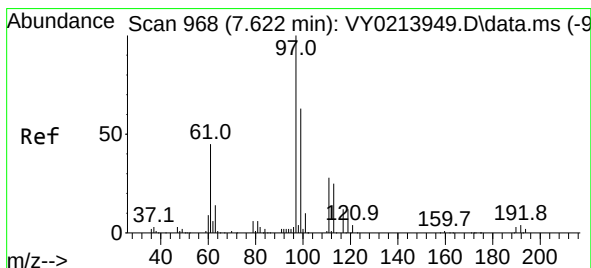
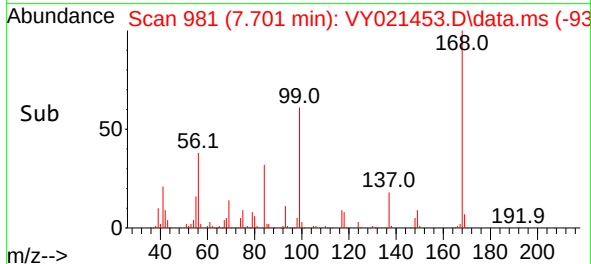
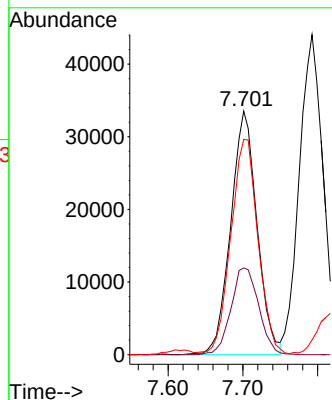
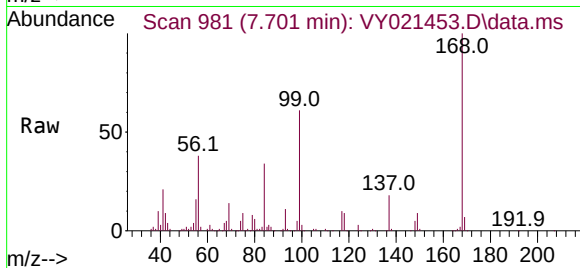
Tgt Ion: 56 Resp: 82128

Ion Ratio Lower Upper

56 100

69 35.6 27.0 40.4

84 86.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 19.705 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

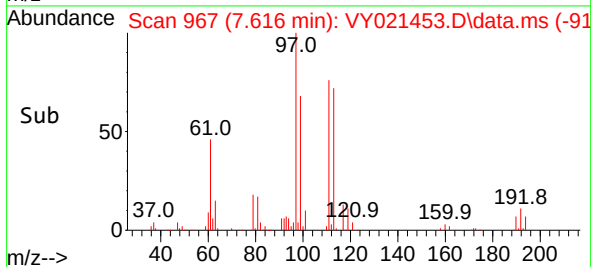
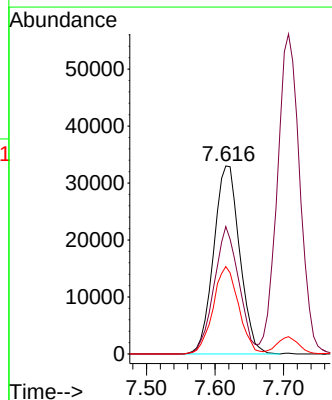
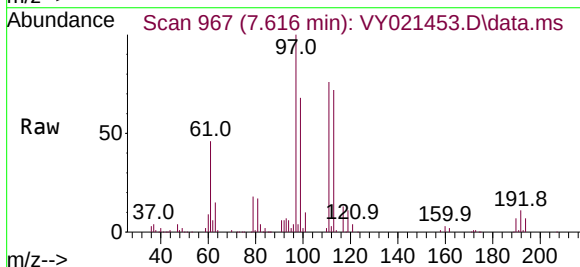
Tgt Ion: 97 Resp: 86978

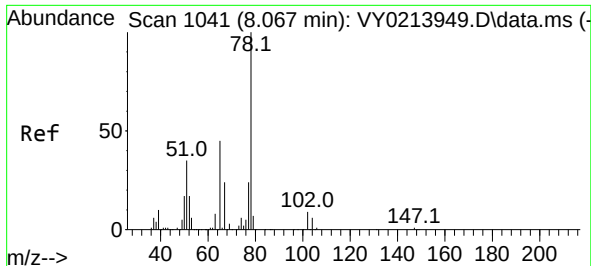
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 45.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.076 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

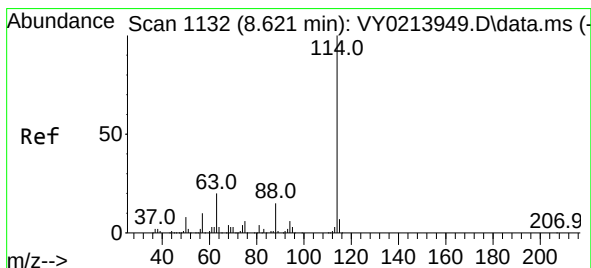
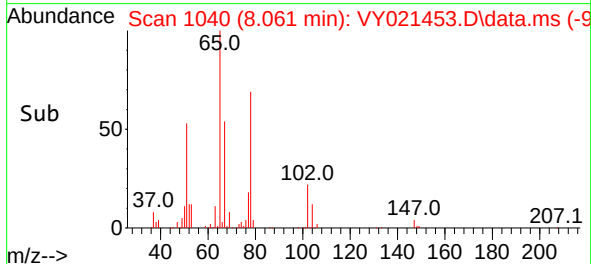
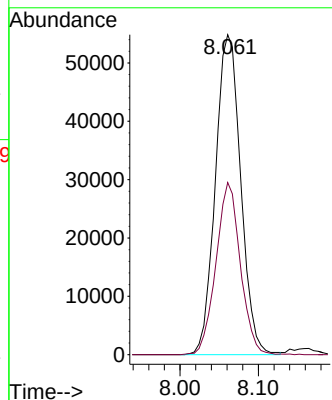
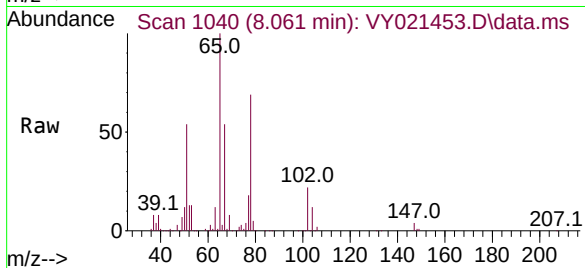
VY0307SBS01

Tgt Ion: 65 Resp: 123341

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

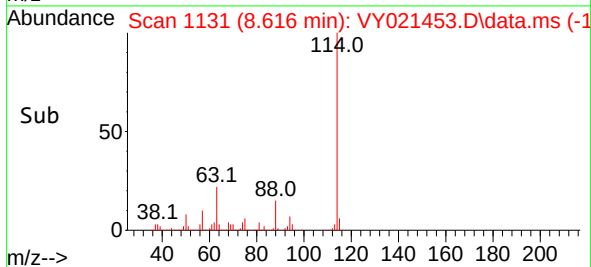
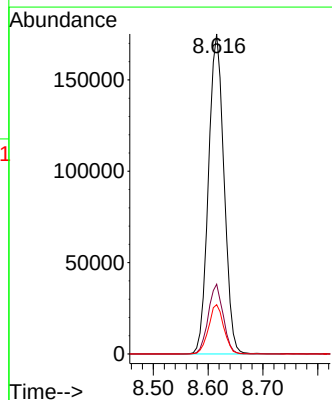
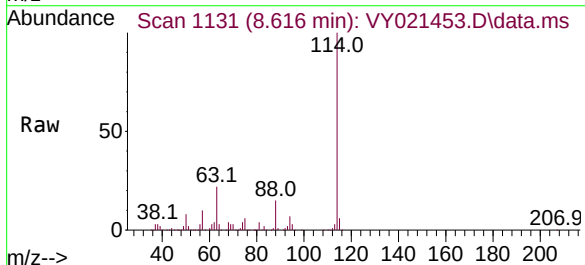
Tgt Ion: 114 Resp: 343563

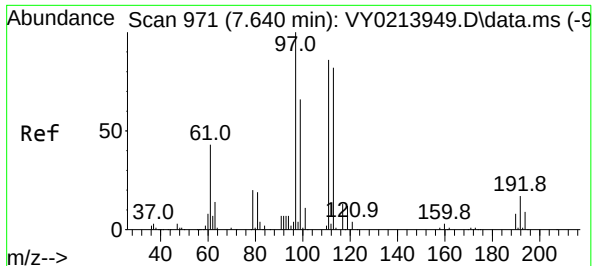
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 15.4 0.0 30.8

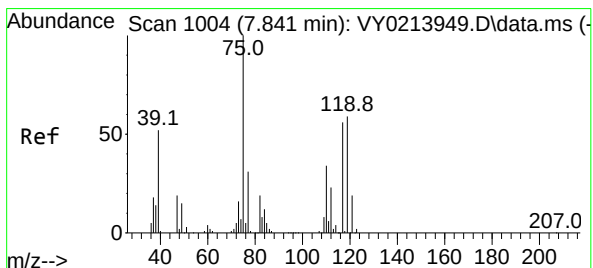
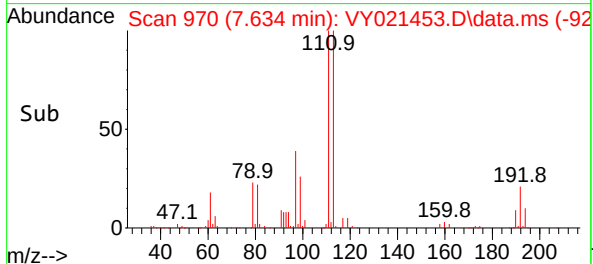
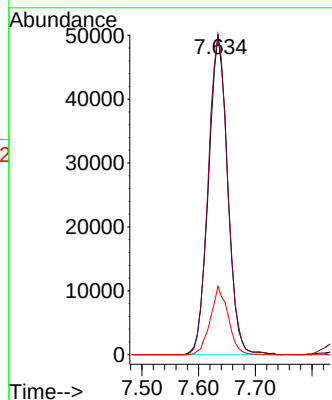
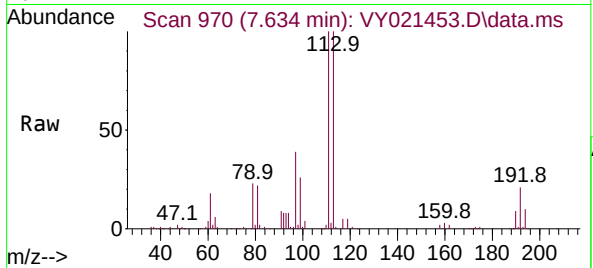




#35
Dibromofluoromethane
Concen: 52.021 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

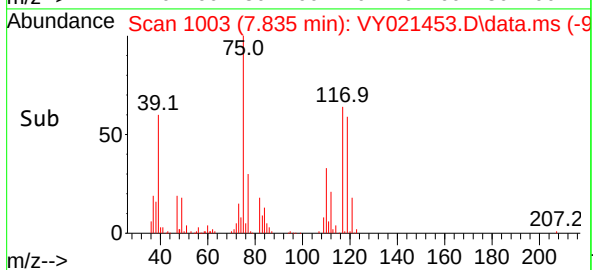
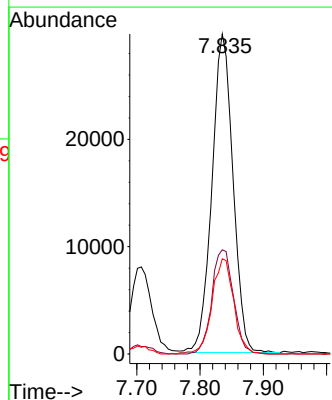
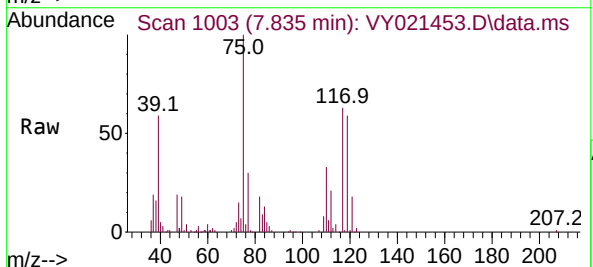
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

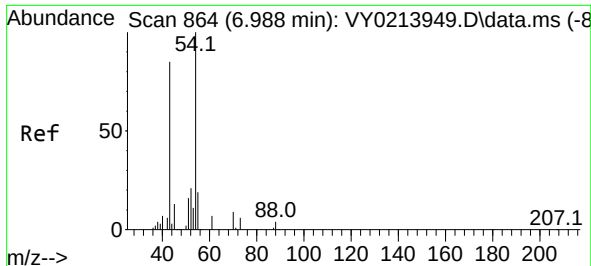
Tgt Ion:113 Resp: 117478
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.417 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 75 Resp: 68637
Ion Ratio Lower Upper
75 100
110 33.6 17.3 51.7
77 30.7 25.4 38.2





#37

Ethyl Acetate

Concen: 20.220 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

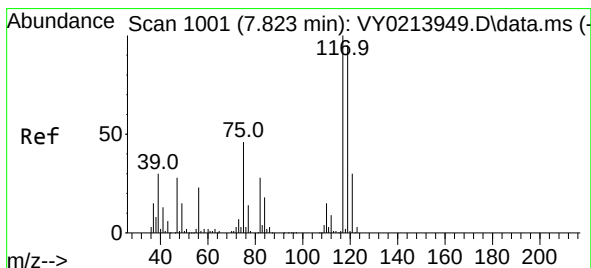
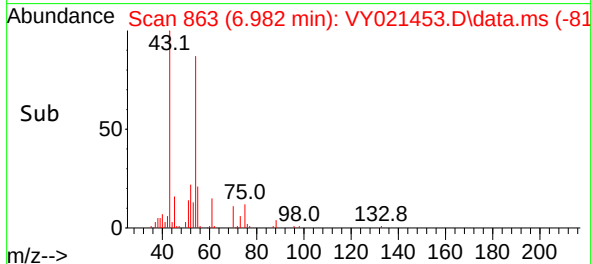
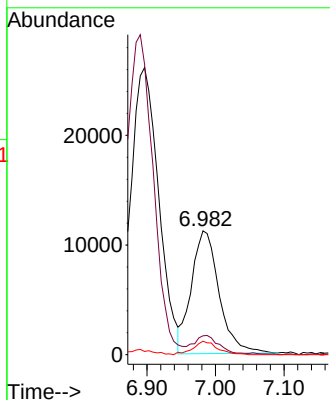
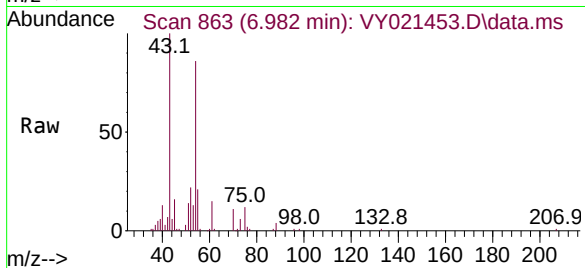
Tgt Ion: 43 Resp: 31592

Ion Ratio Lower Upper

43 100

61 12.5 11.4 17.0

70 9.5 8.2 12.2



#38

Carbon Tetrachloride

Concen: 19.449 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

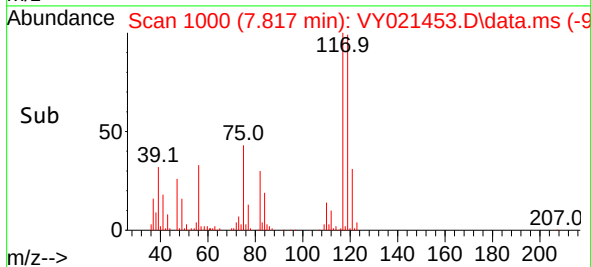
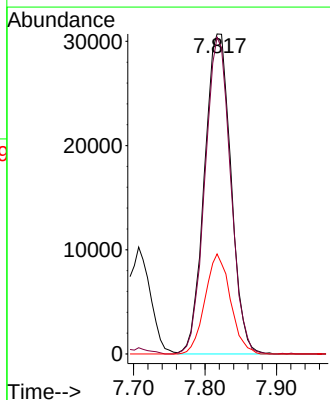
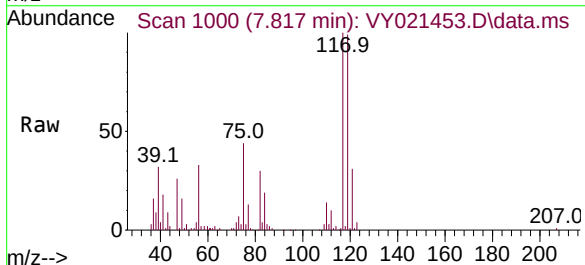
Tgt Ion:117 Resp: 79070

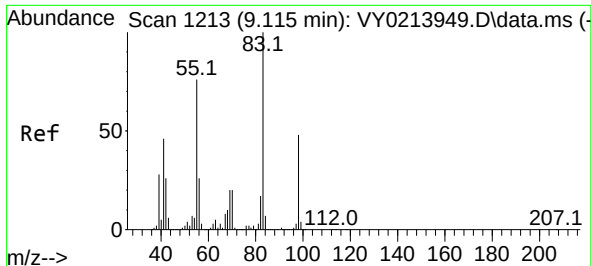
Ion Ratio Lower Upper

117 100

119 99.0 75.8 113.8

121 31.3 23.9 35.9





#39

Methylcyclohexane

Concen: 18.818 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

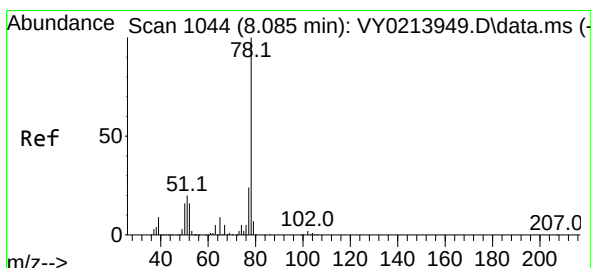
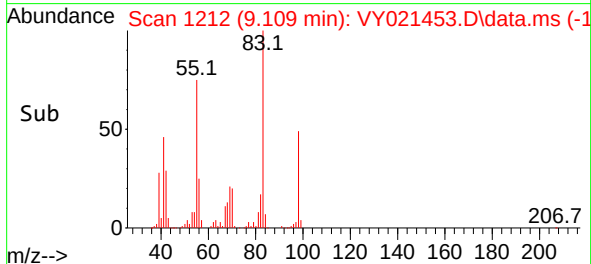
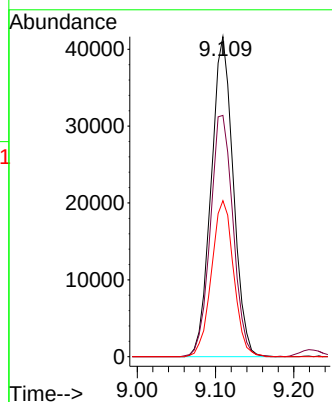
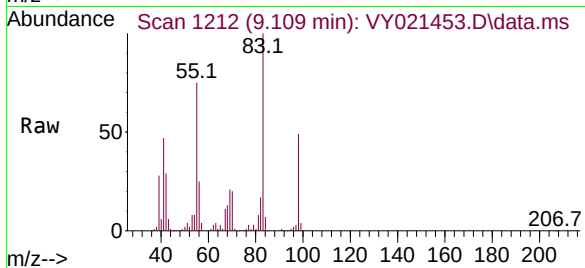
Tgt Ion: 83 Resp: 81593

Ion Ratio Lower Upper

83 100

55 75.4 60.7 91.1

98 48.7 38.6 57.8



#40

Benzene

Concen: 19.475 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021453.D

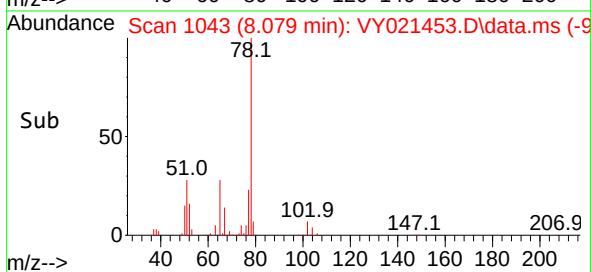
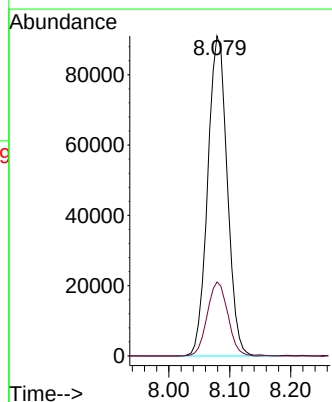
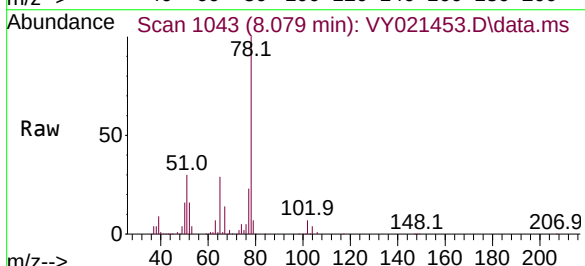
Acq: 07 Mar 2025 12:03

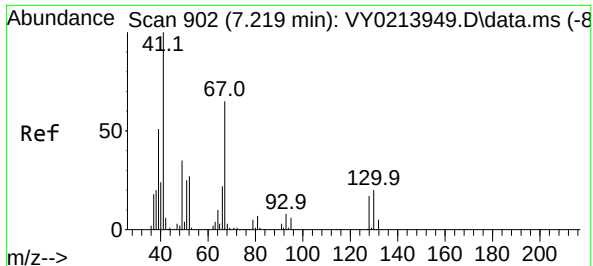
Tgt Ion: 78 Resp: 202793

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4





#41

Methacrylonitrile

Concen: 49.112 ug/l

RT: 7.256 min Scan# 90

Delta R.T. 0.037 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

Tgt Ion: 41 Resp: 41781

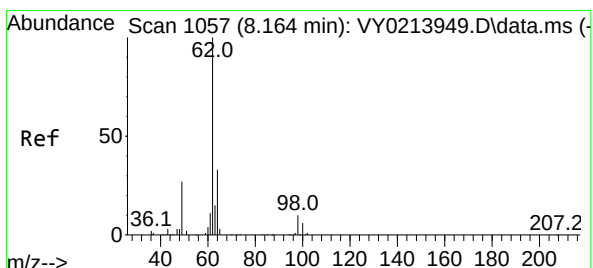
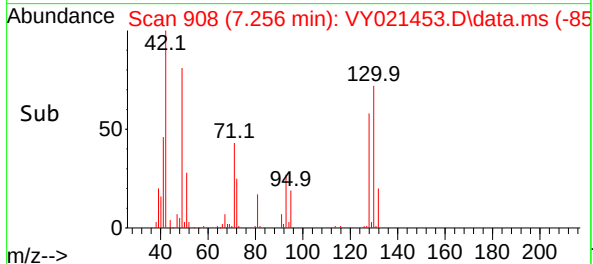
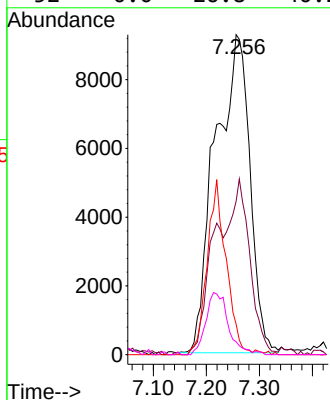
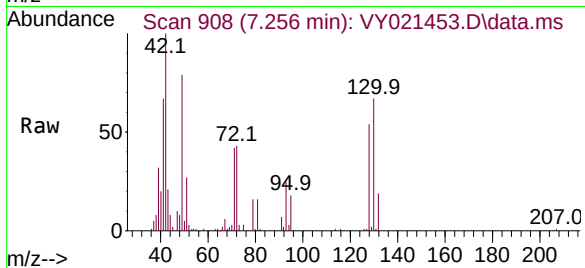
Ion Ratio Lower Upper

41 100

39 27.0 35.0 52.6#

67 0.0 61.2 91.8#

52 0.0 26.8 40.2#



#42

1,2-Dichloroethane

Concen: 19.826 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY021453.D

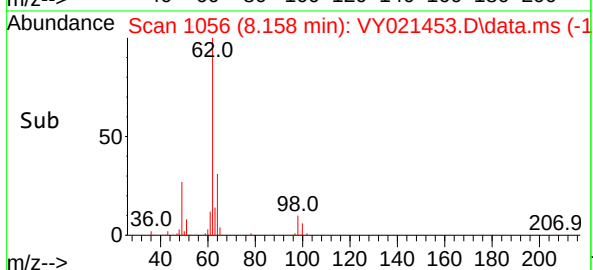
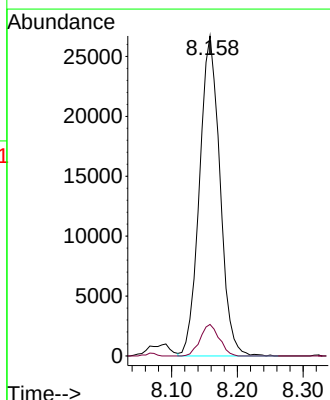
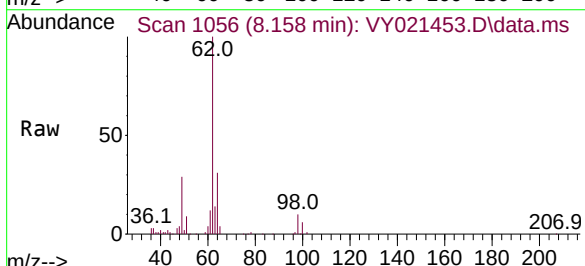
Acq: 07 Mar 2025 12:03

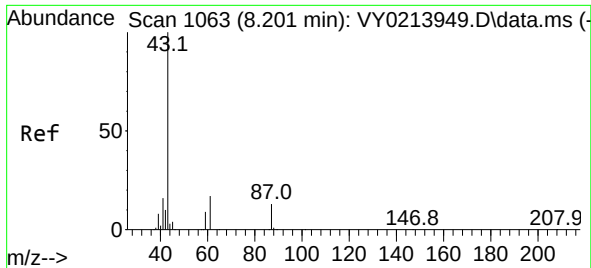
Tgt Ion: 62 Resp: 57755

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.2

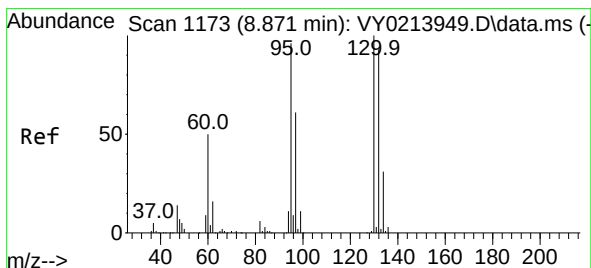
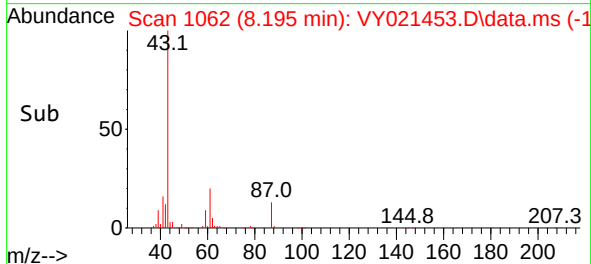
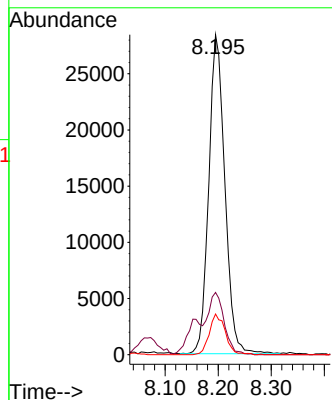
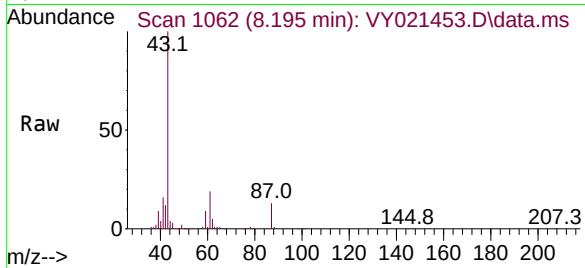




#43
Isopropyl Acetate
Concen: 19.755 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

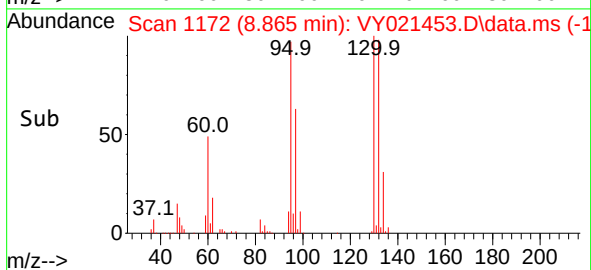
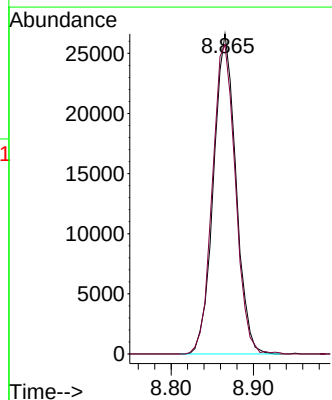
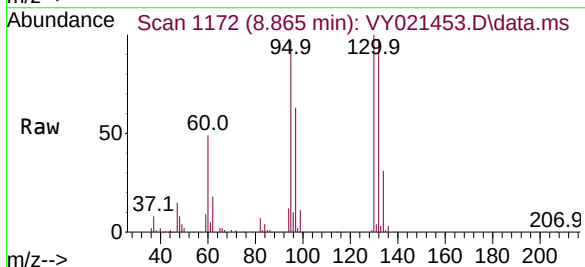
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

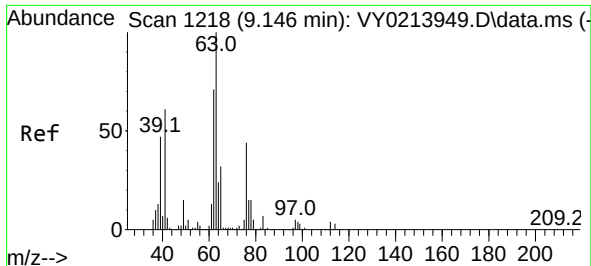
Tgt Ion: 43 Resp: 59917
Ion Ratio Lower Upper
43 100
61 19.8 23.4 35.0#
87 12.7 10.5 15.7



#44
Trichloroethene
Concen: 19.130 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion:130 Resp: 50339
Ion Ratio Lower Upper
130 100
95 96.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.021 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

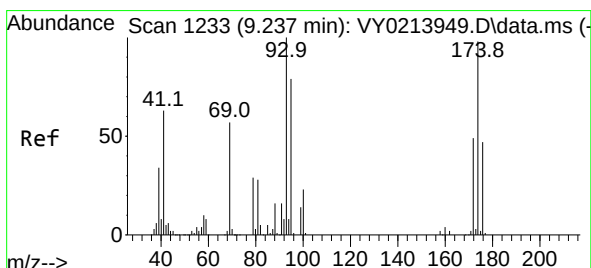
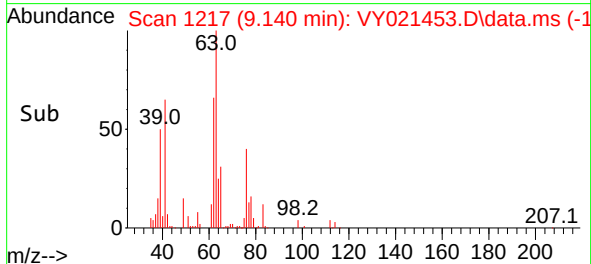
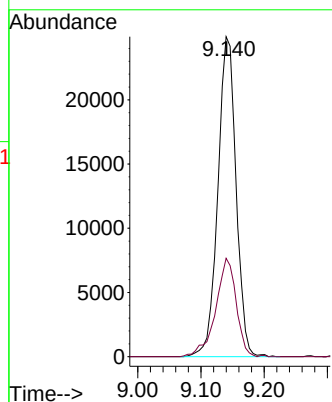
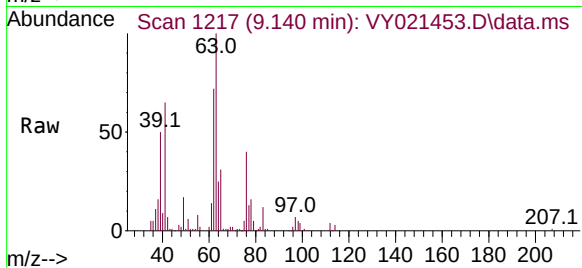
VY0307SBS01

Tgt Ion: 63 Resp: 49619

Ion Ratio Lower Upper

63 100

65 30.7 26.0 39.0



#46

Dibromomethane

Concen: 19.675 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

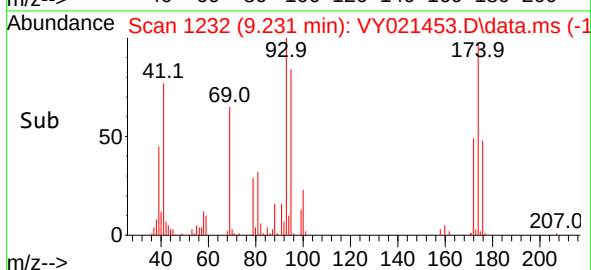
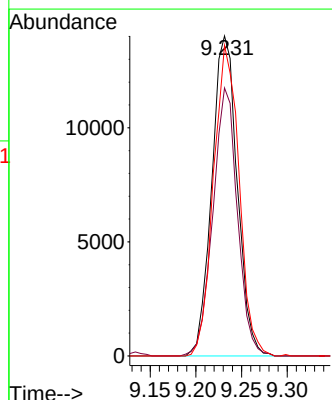
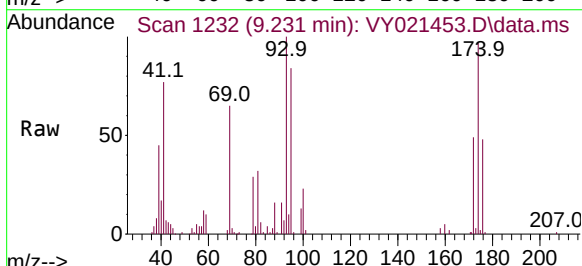
Tgt Ion: 93 Resp: 27131

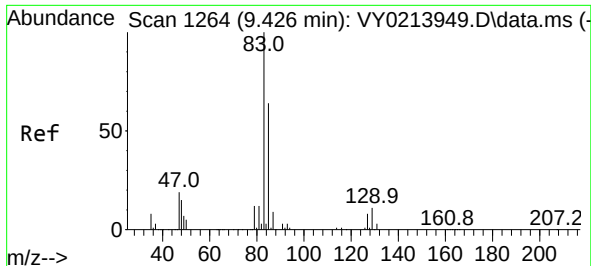
Ion Ratio Lower Upper

93 100

95 80.8 65.8 98.8

174 97.5 77.9 116.9

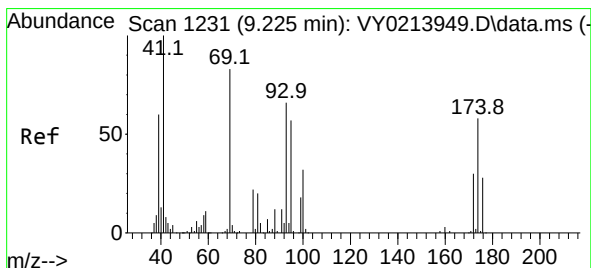
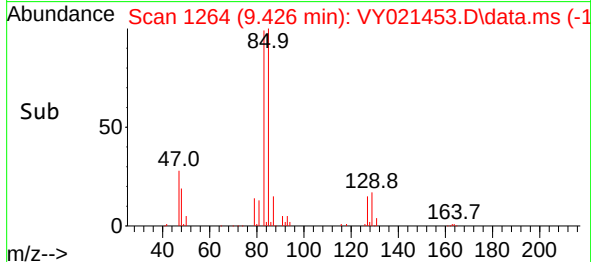
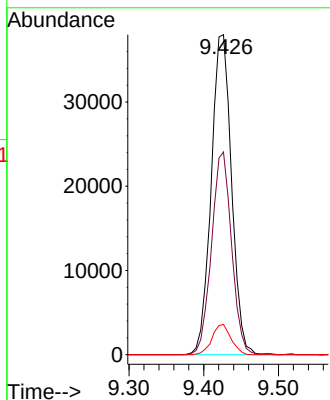
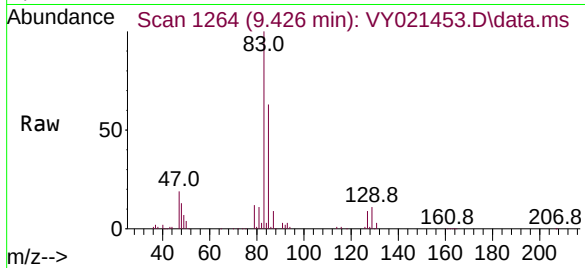




#47
Bromodichloromethane
Concen: 19.613 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

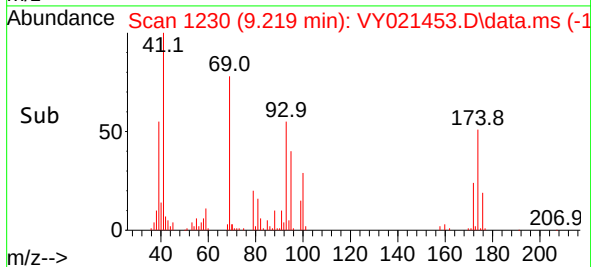
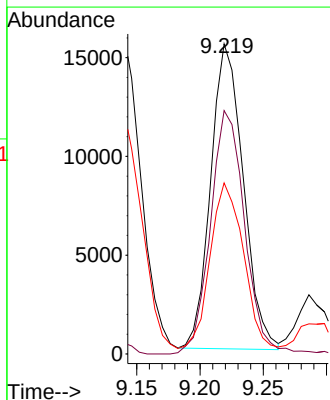
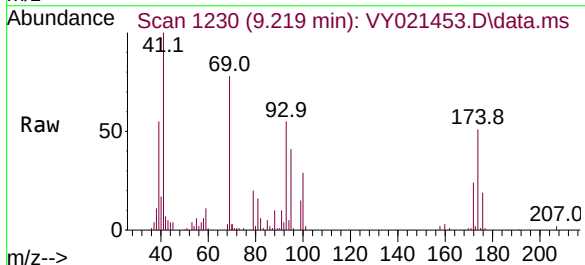
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

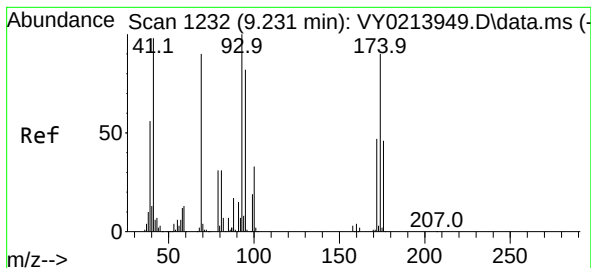
Tgt Ion: 83 Resp: 71823
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 9.5 6.7 10.1



#48
Methyl methacrylate
Concen: 19.839 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 41 Resp: 27630
Ion Ratio Lower Upper
41 100
69 84.0 67.8 101.8
39 55.6 46.4 69.6





#49

1,4-Dioxane

Concen: 428.740 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

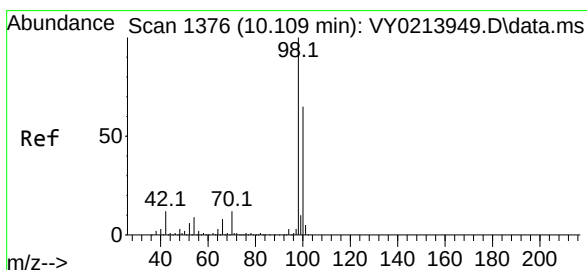
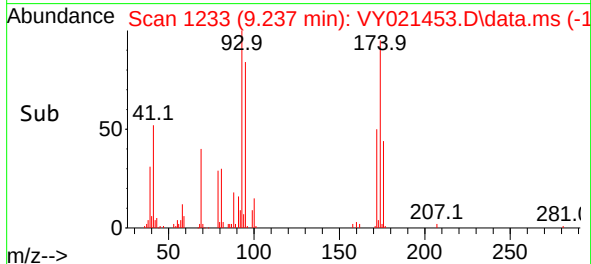
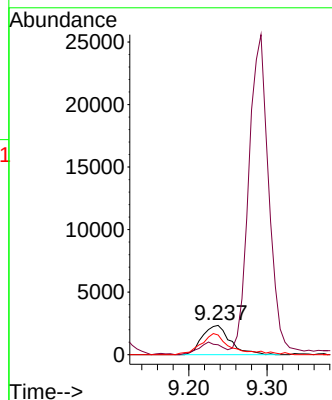
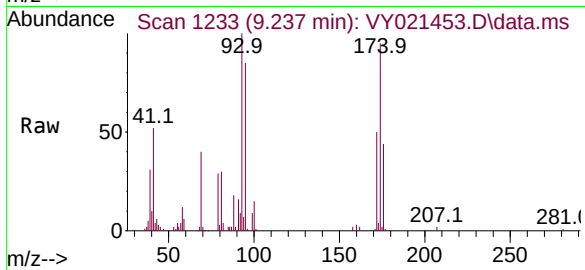
Tgt Ion: 88 Resp: 5803

Ion Ratio Lower Upper

88 100

43 34.8 25.0 37.4

58 77.2 58.4 87.6



#50

Toluene-d8

Concen: 51.930 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021453.D

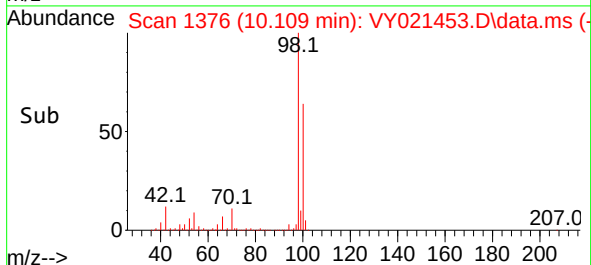
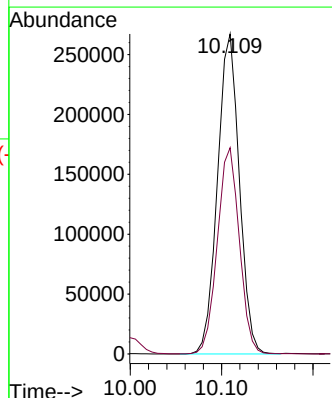
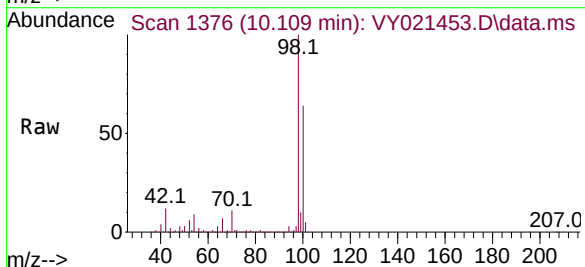
Acq: 07 Mar 2025 12:03

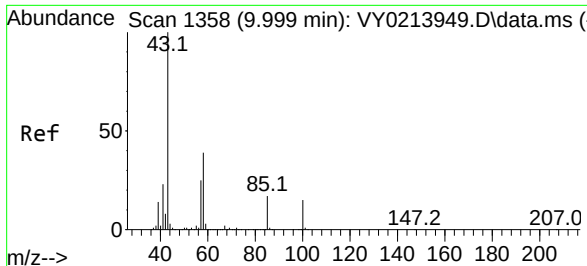
Tgt Ion: 98 Resp: 444032

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

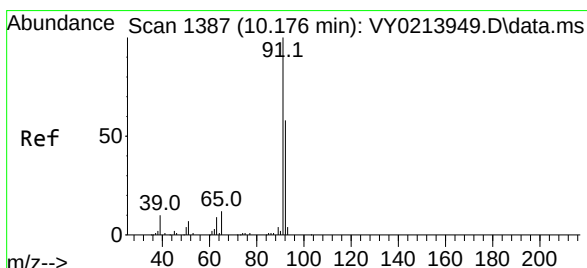
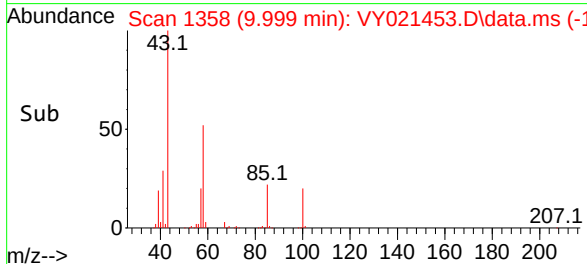
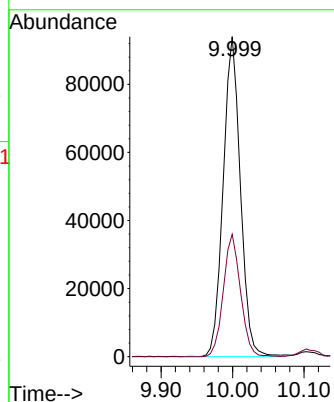
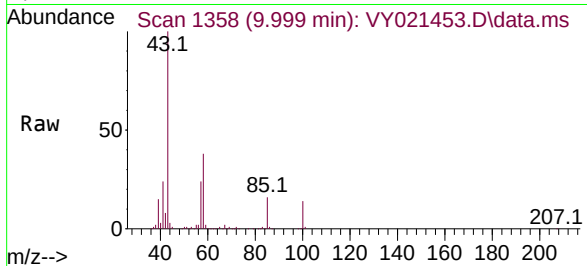




#51
4-Methyl-2-Pentanone
Concen: 100.404 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

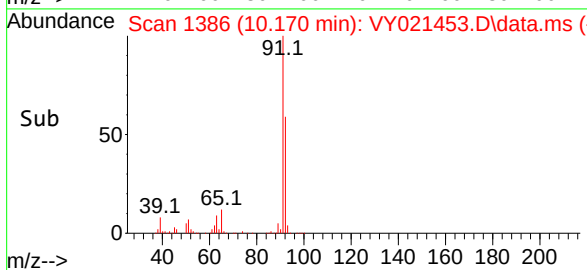
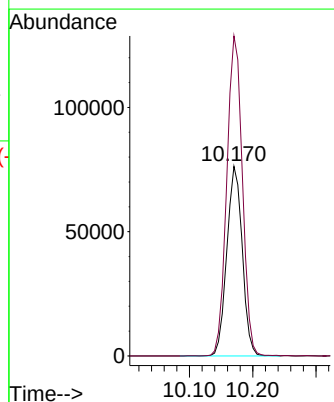
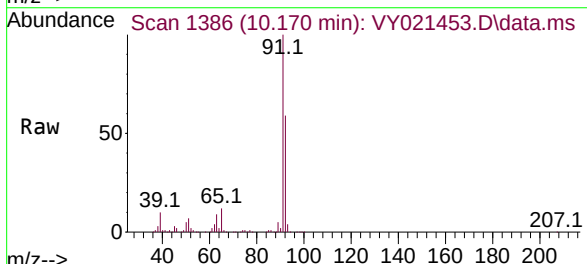
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

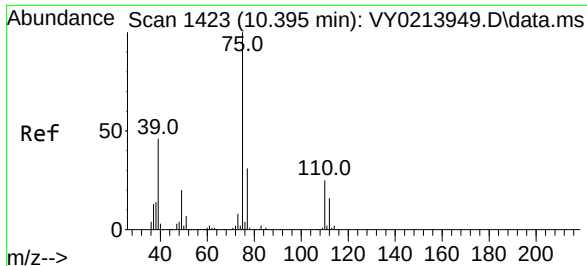
Tgt Ion: 43 Resp: 157126
Ion Ratio Lower Upper
43 100
58 38.2 31.4 47.2



#52
Toluene
Concen: 19.637 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 92 Resp: 128919
Ion Ratio Lower Upper
92 100
91 170.4 138.2 207.2

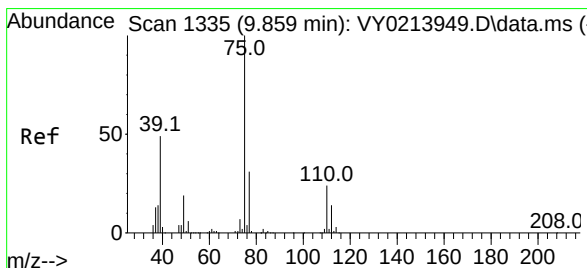
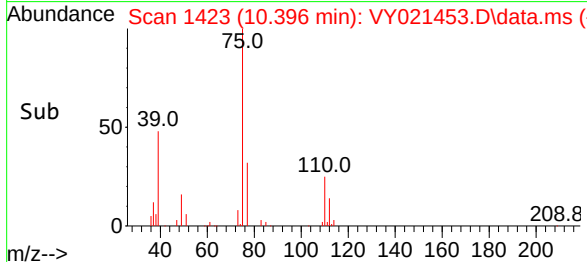
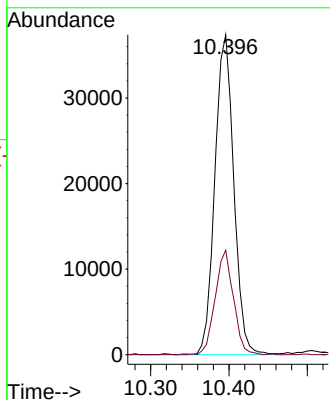
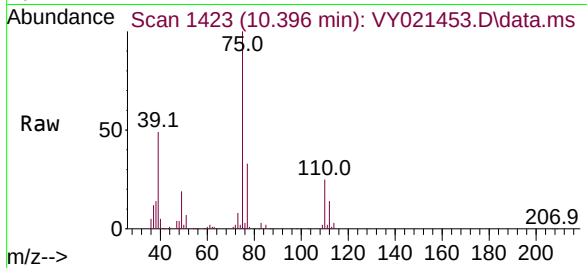




#53
 t-1,3-Dichloropropene
 Concen: 19.476 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

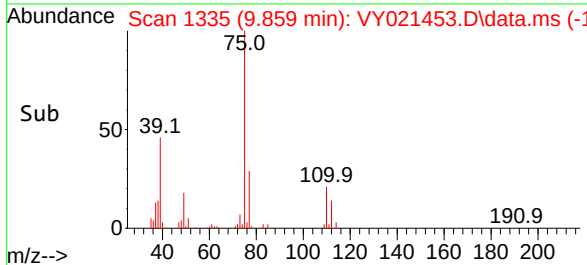
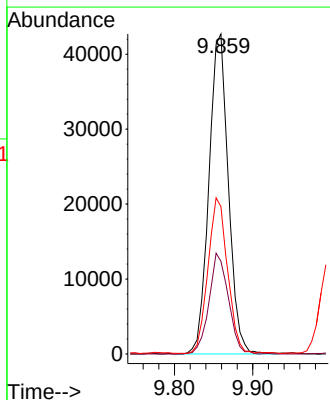
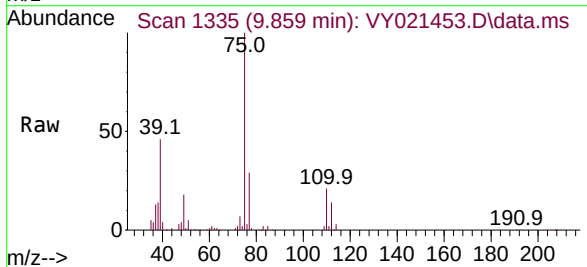
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

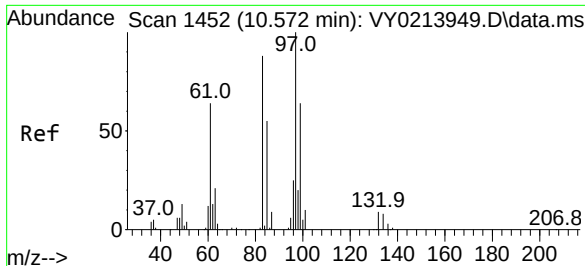
Tgt Ion: 75 Resp: 62838
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.223 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

Tgt Ion: 75 Resp: 73636
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.6 37.0
 39 45.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 19.720 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

Tgt Ion: 97 Resp: 35572

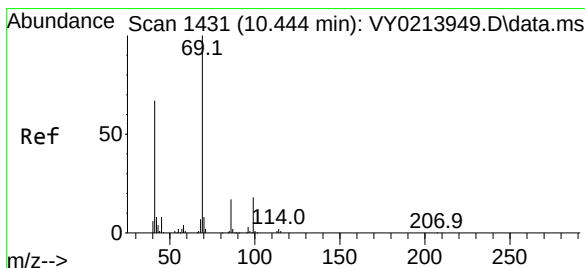
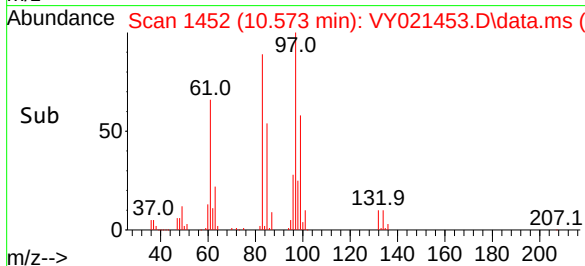
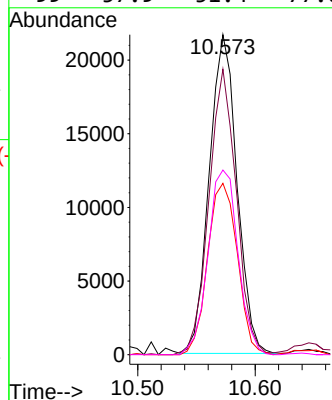
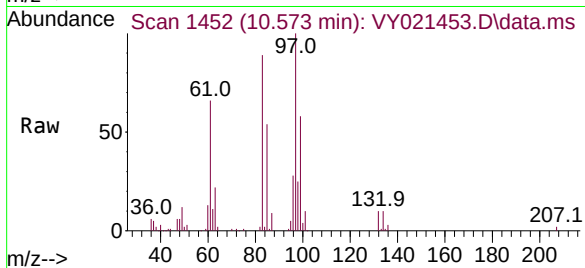
Ion Ratio Lower Upper

97 100

83 88.8 70.0 105.0

85 53.8 44.3 66.5

99 57.9 51.4 77.0



#56

Ethyl methacrylate

Concen: 19.396 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

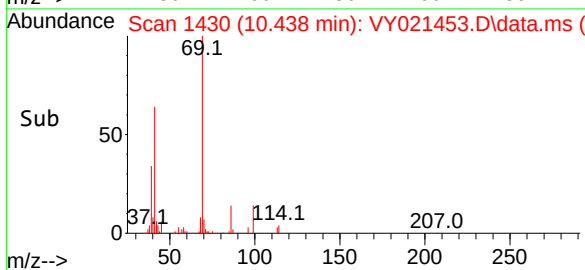
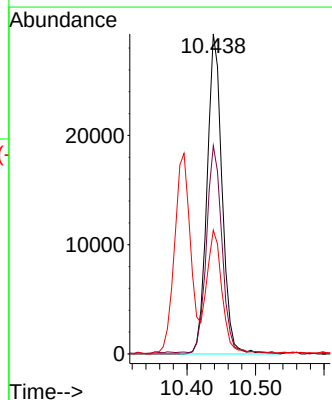
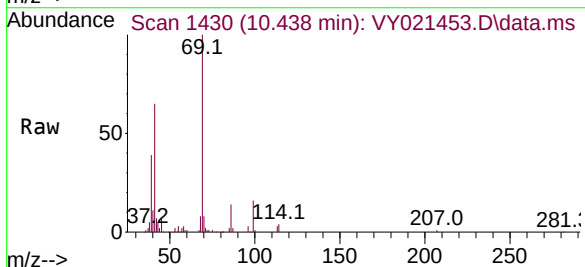
Tgt Ion: 69 Resp: 44620

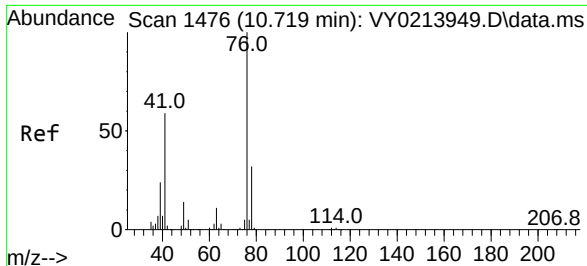
Ion Ratio Lower Upper

69 100

41 66.9 53.3 79.9

39 38.7 31.0 46.6





#57

1,3-Dichloropropane

Concen: 19.491 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

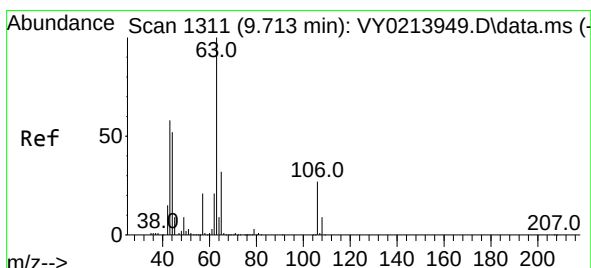
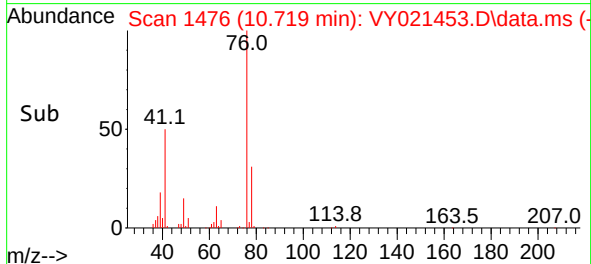
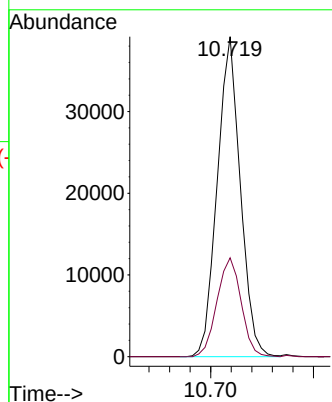
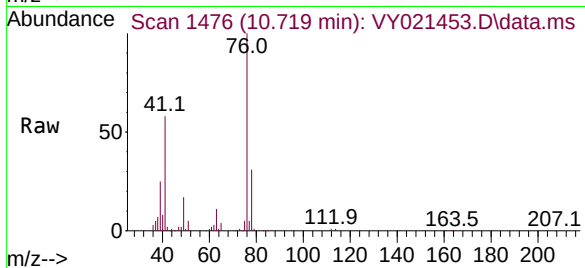
VY0307SBS01

Tgt Ion: 76 Resp: 60936

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 101.290 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021453.D

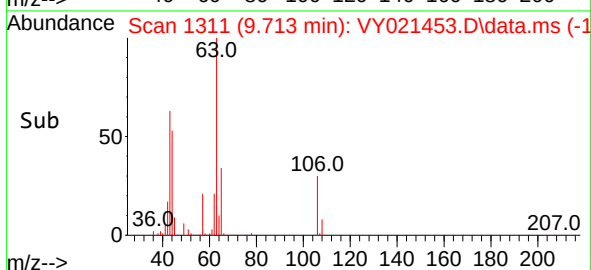
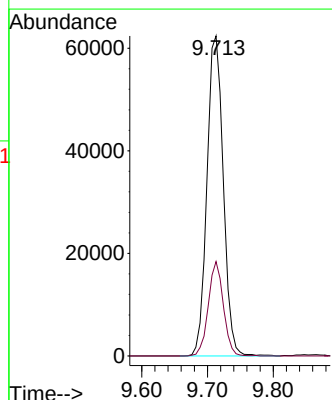
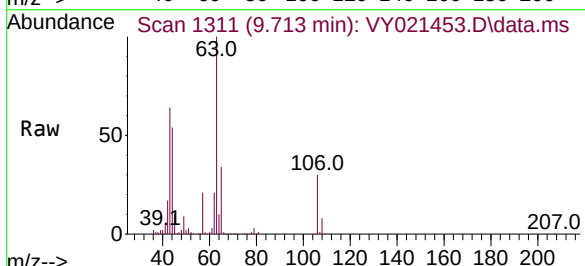
Acq: 07 Mar 2025 12:03

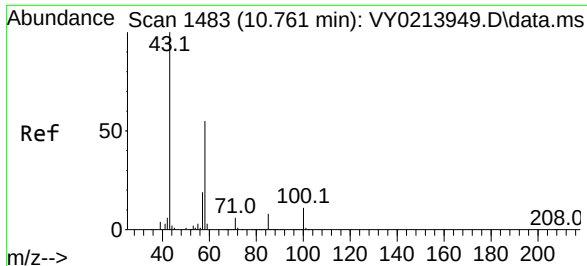
Tgt Ion: 63 Resp: 107568

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

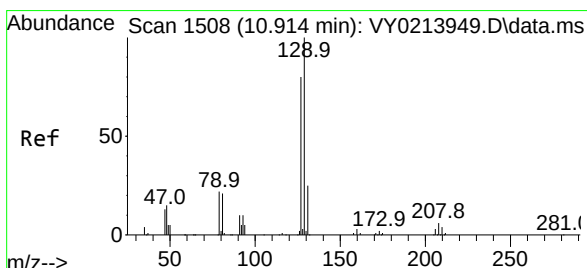
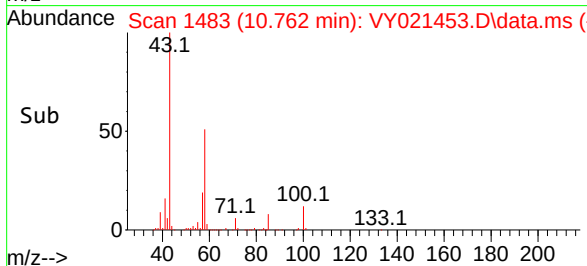
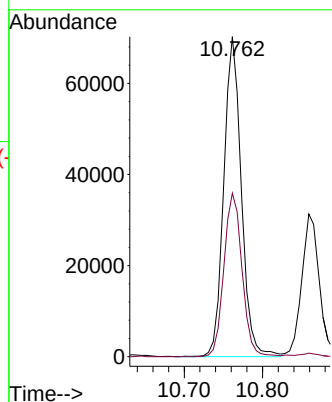
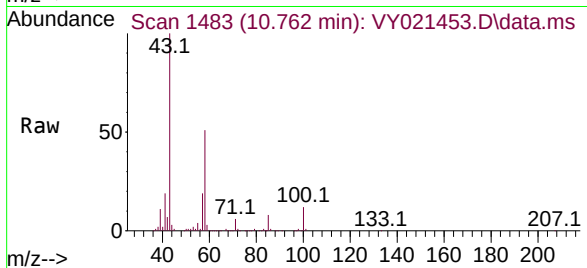




#59
2-Hexanone
Concen: 105.872 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

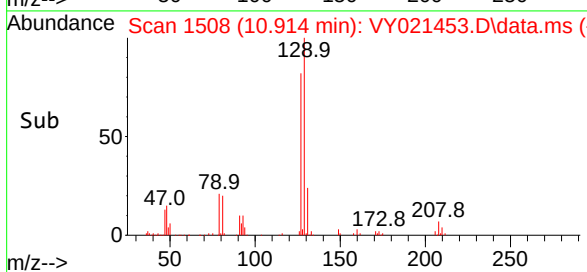
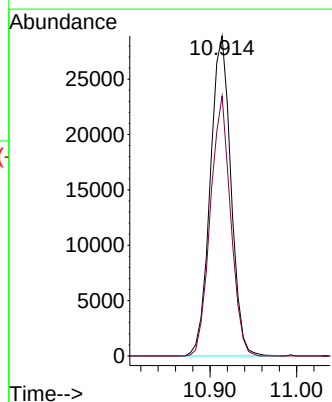
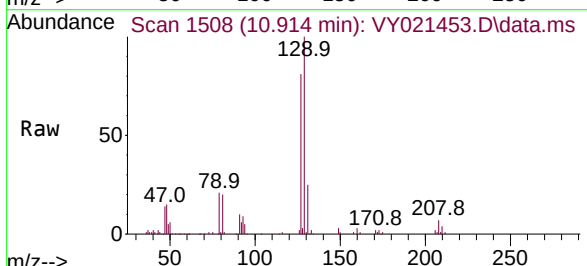
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

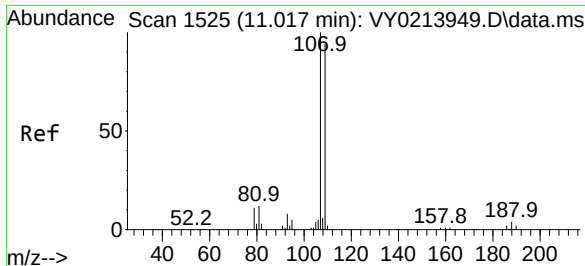
Tgt Ion: 43 Resp: 109553
Ion Ratio Lower Upper
43 100
58 52.7 27.3 81.8



#60
Dibromochloromethane
Concen: 19.358 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 129 Resp: 47870
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.3

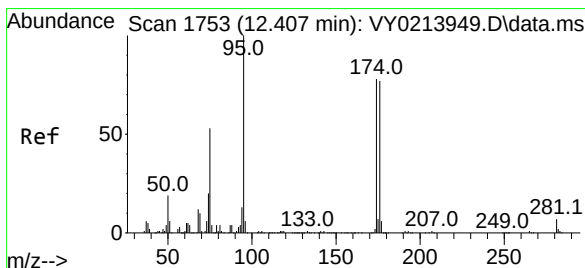
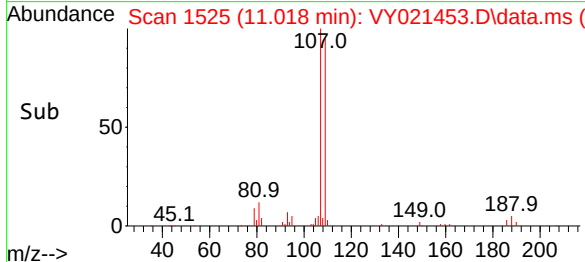
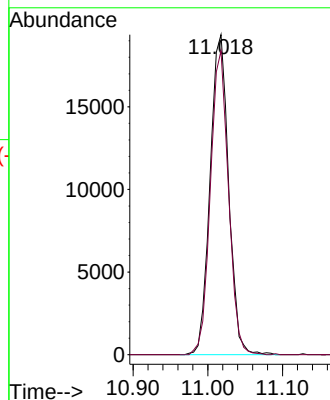
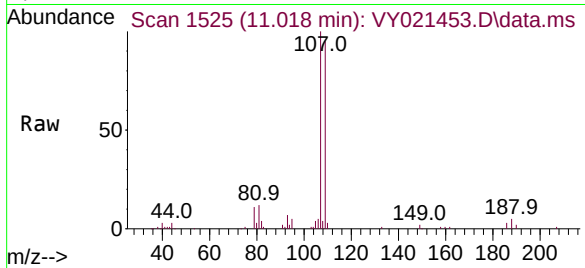




#61
1,2-Dibromoethane
Concen: 19.641 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

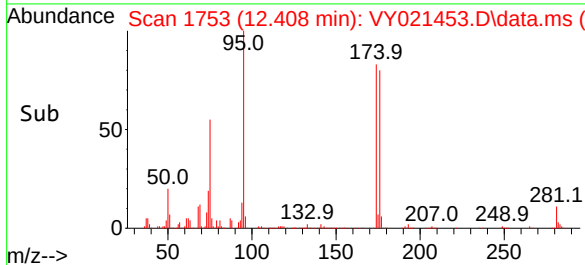
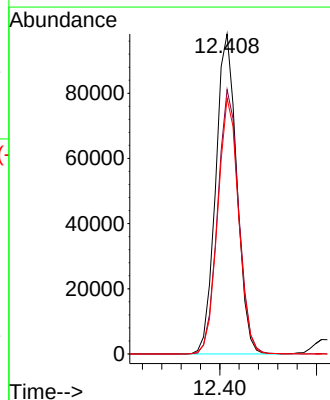
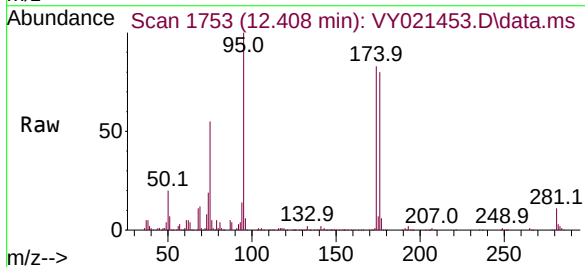
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

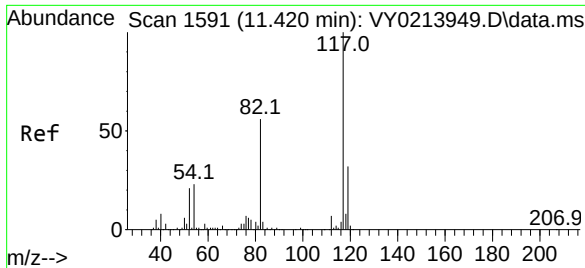
Tgt Ion:107 Resp: 33437
Ion Ratio Lower Upper
107 100
109 92.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.913 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 95 Resp: 148084
Ion Ratio Lower Upper
95 100
174 82.8 0.0 165.0
176 79.4 0.0 160.0

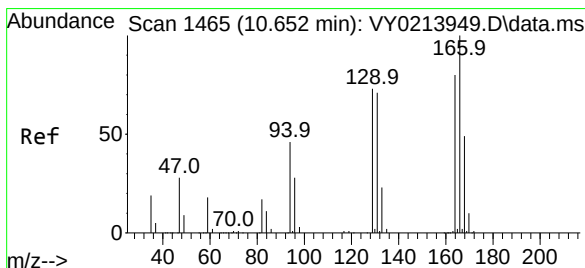
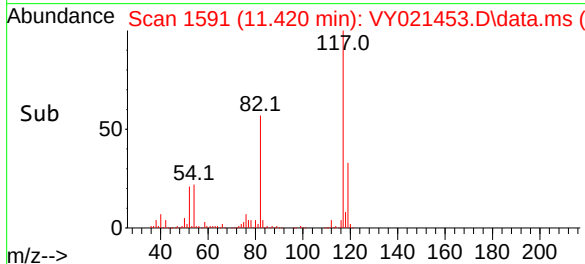
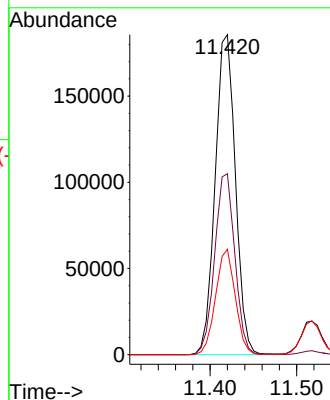
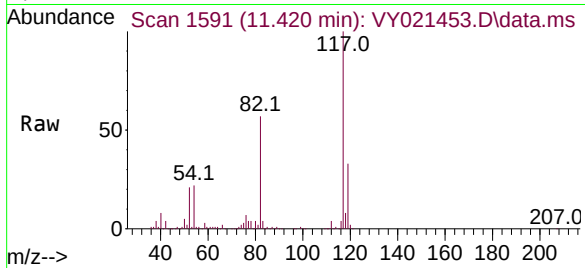




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

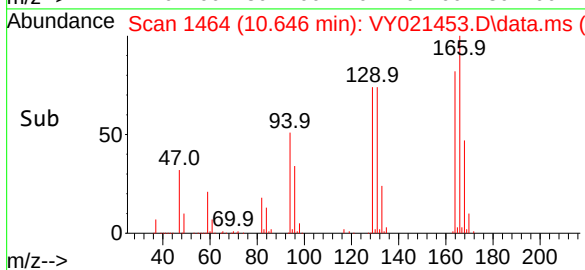
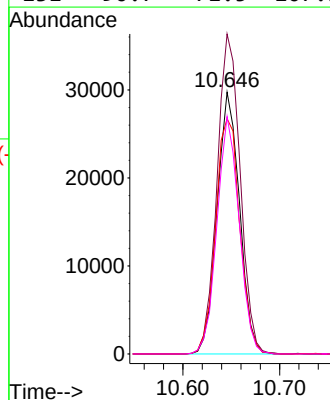
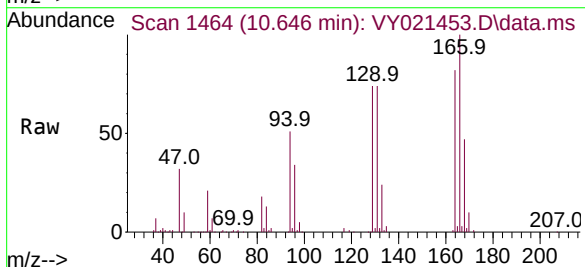
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

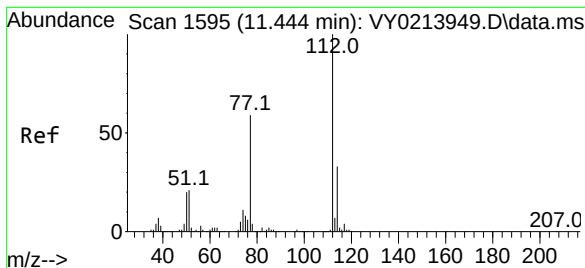
Tgt Ion:117 Resp: 301562
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 19.598 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion:164 Resp: 48058
Ion Ratio Lower Upper
164 100
166 122.2 100.4 150.6
129 89.9 73.8 110.8
131 90.7 71.5 107.3

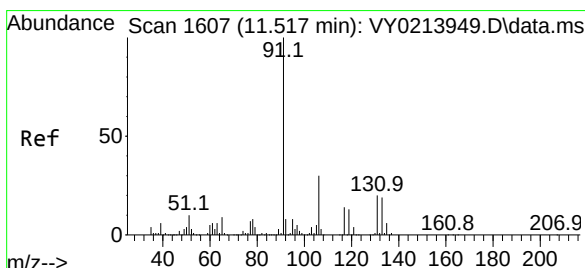
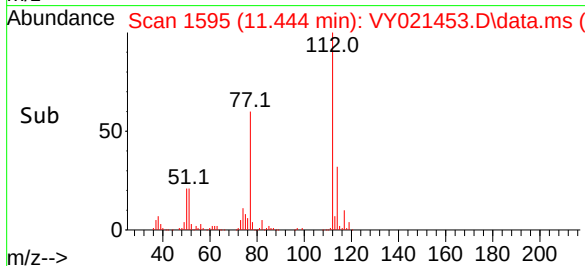
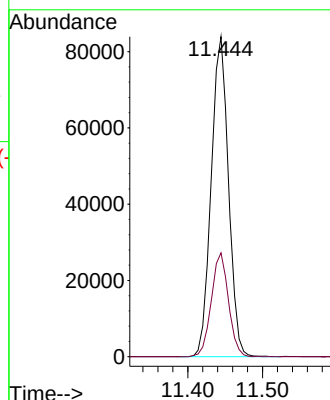
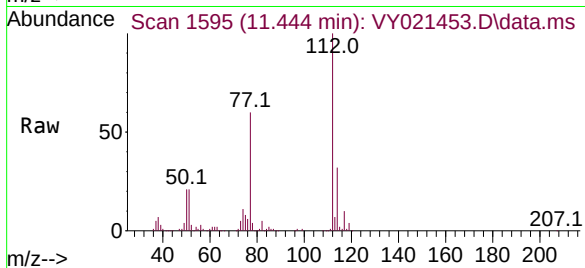




#65
Chlorobenzene
Concen: 18.959 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

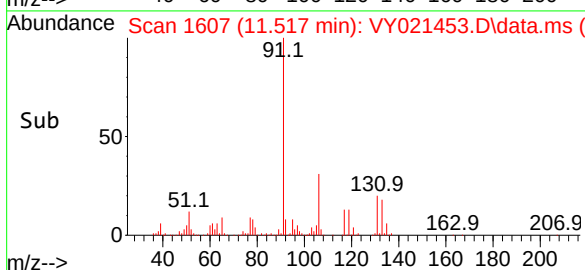
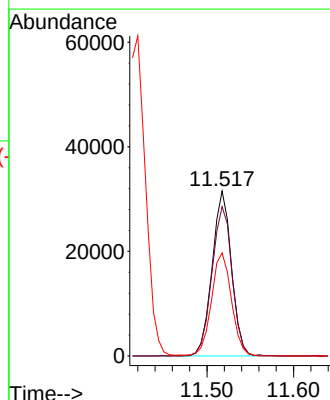
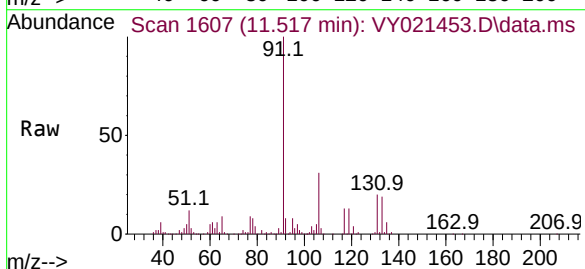
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

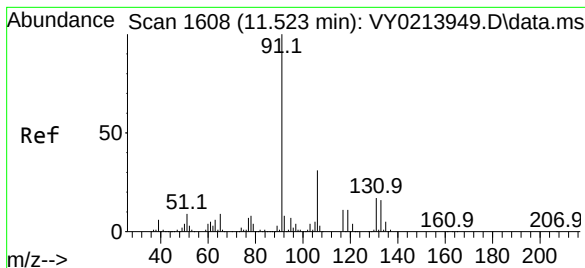
Tgt Ion:112 Resp: 135015
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.388 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion:131 Resp: 48814
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 64.8 32.3 96.9





#67

Ethyl Benzene

Concen: 19.081 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

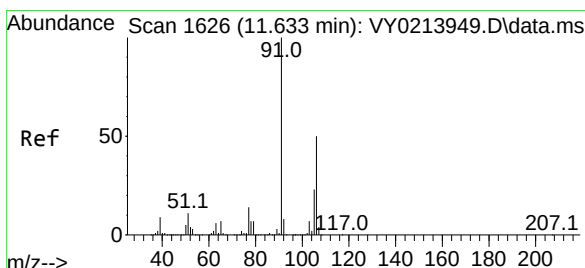
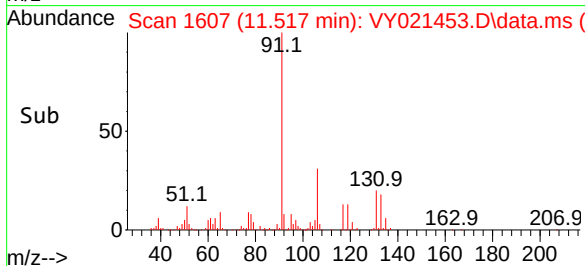
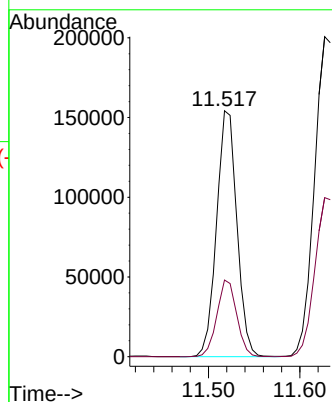
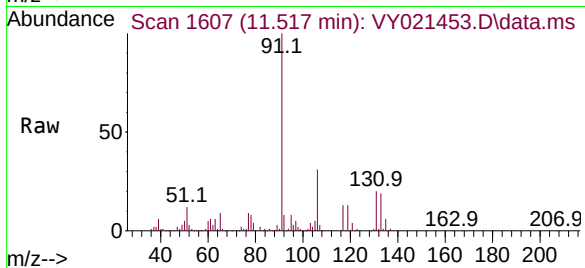
VY0307SBS01

Tgt Ion: 91 Resp: 238496

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 38.916 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021453.D

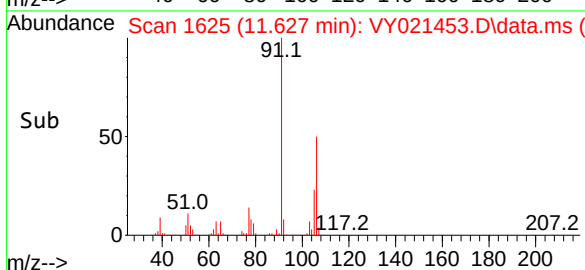
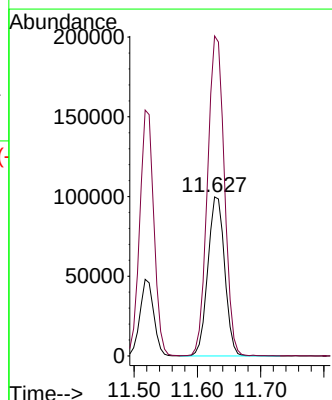
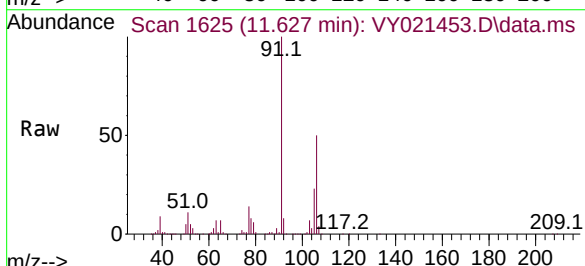
Acq: 07 Mar 2025 12:03

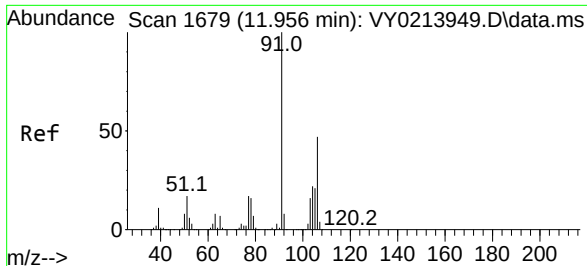
Tgt Ion:106 Resp: 184669

Ion Ratio Lower Upper

106 100

91 201.0 161.7 242.5





#69

o-Xylene

Concen: 19.120 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

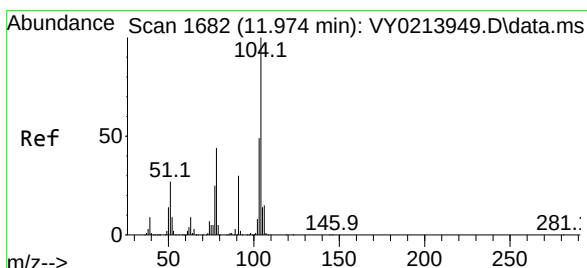
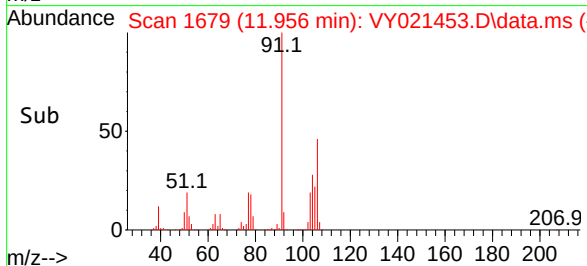
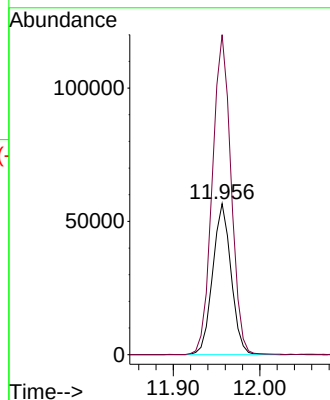
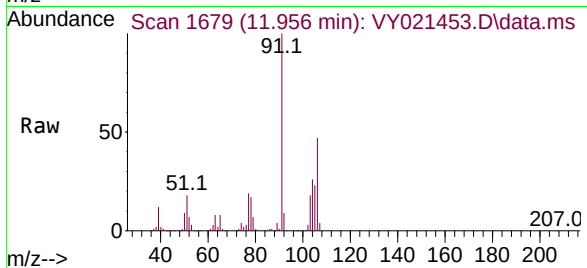
VY0307SBS01

Tgt Ion:106 Resp: 83621

Ion Ratio Lower Upper

106 100

91 216.1 107.6 322.8



#70

Styrene

Concen: 19.324 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

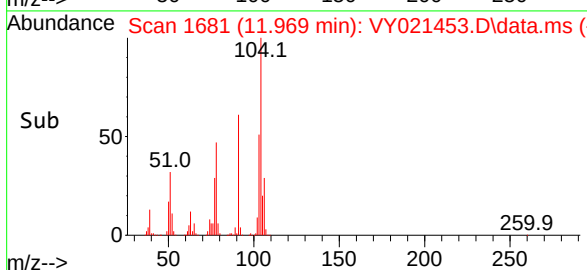
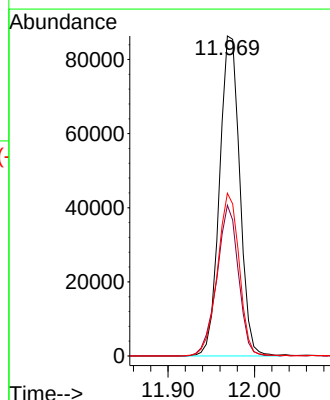
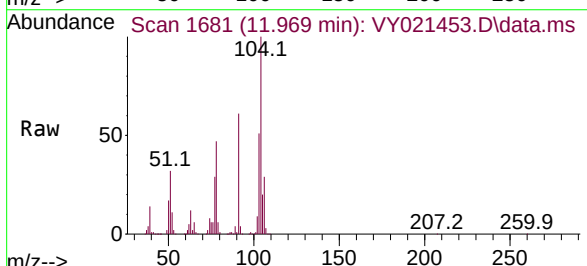
Tgt Ion:104 Resp: 140205

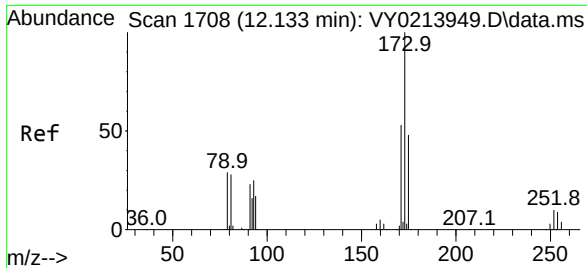
Ion Ratio Lower Upper

104 100

78 50.1 40.7 61.1

103 54.9 44.1 66.1

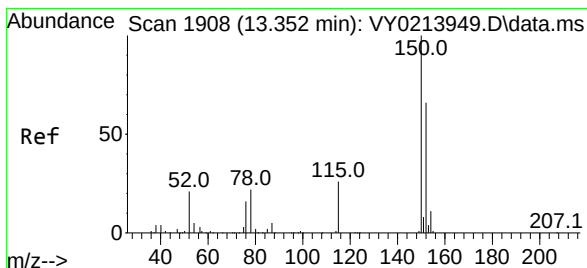
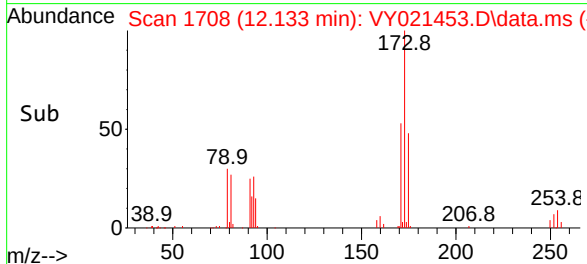
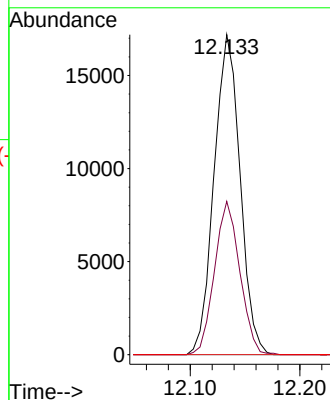
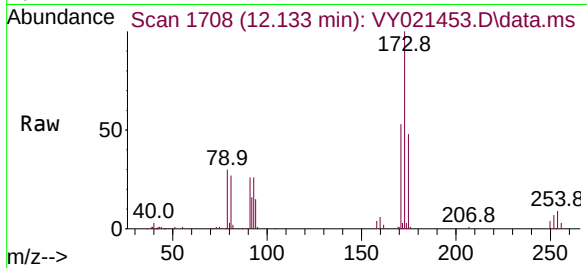




#71
Bromoform
Concen: 20.134 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

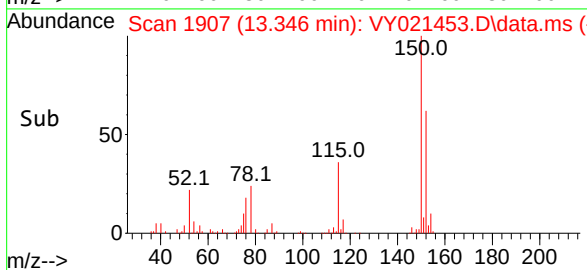
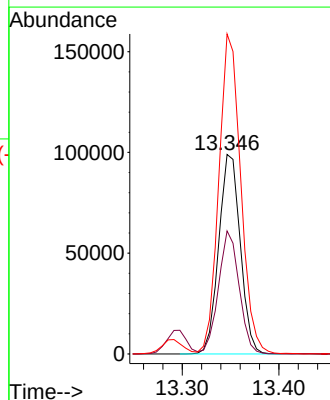
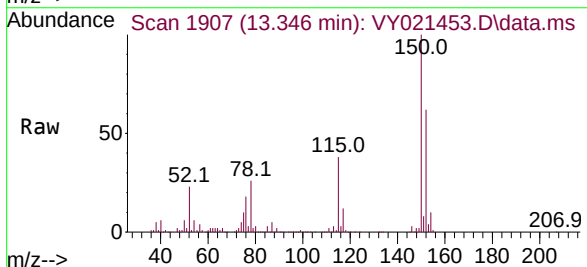
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

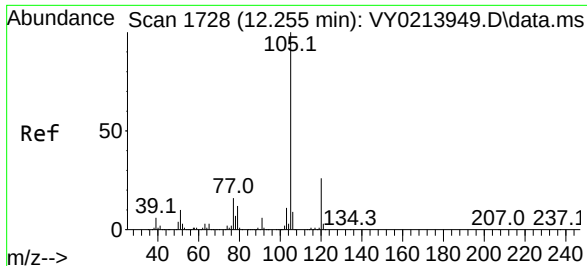
Tgt Ion:173 Resp: 28337
Ion Ratio Lower Upper
173 100
175 46.6 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion:152 Resp: 152803
Ion Ratio Lower Upper
152 100
115 59.3 29.0 87.0
150 163.4 0.0 347.2

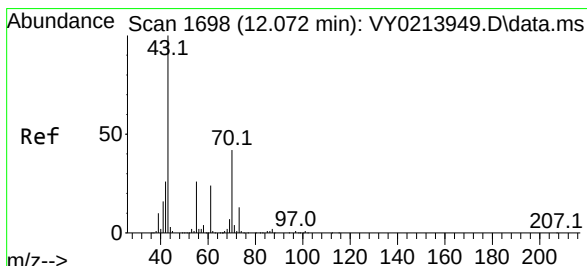
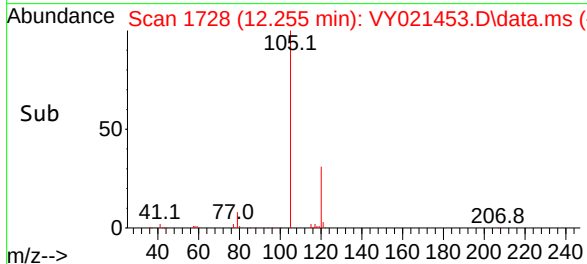
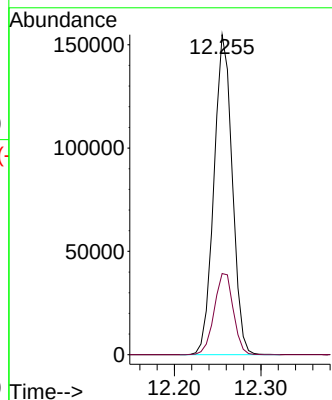
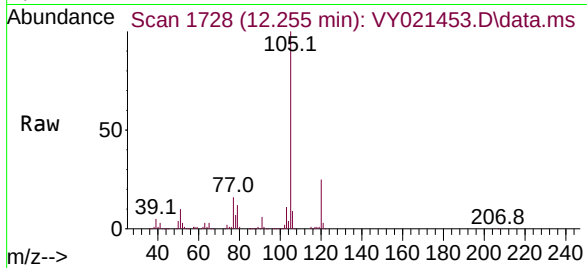




#73
Isopropylbenzene
Concen: 18.919 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

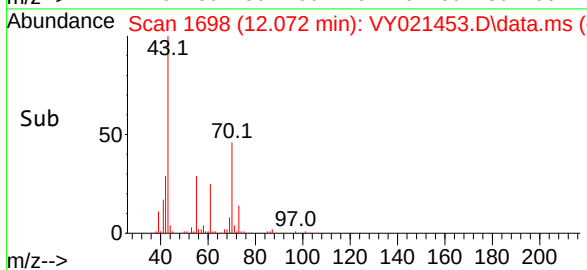
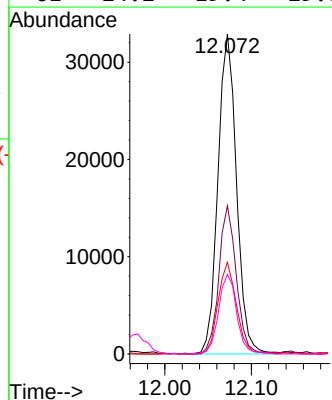
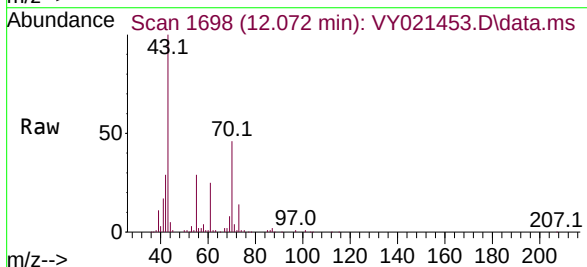
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

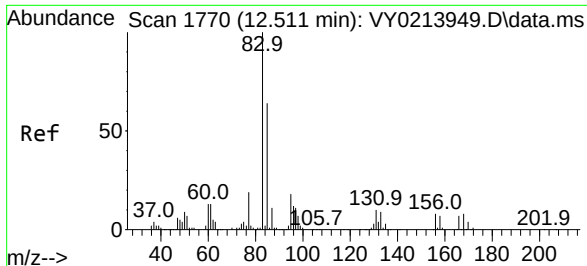
Tgt Ion:105 Resp: 227722
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 18.789 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 43 Resp: 49116
Ion Ratio Lower Upper
43 100
70 43.6 34.6 51.8
55 28.4 21.1 31.7
61 24.2 19.4 29.0

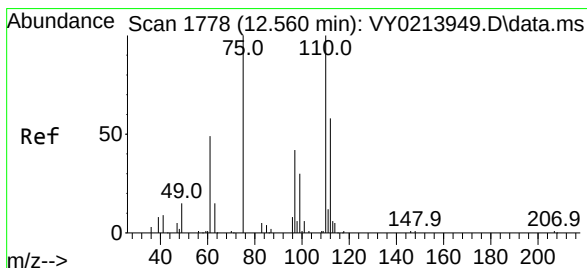
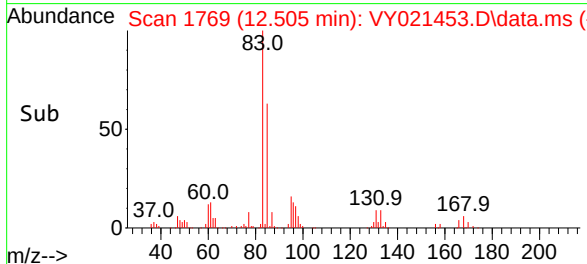
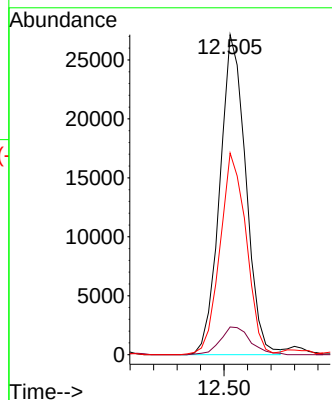
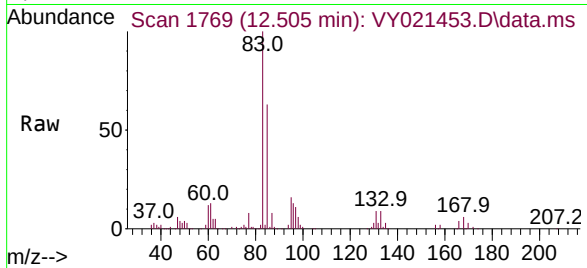




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.647 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

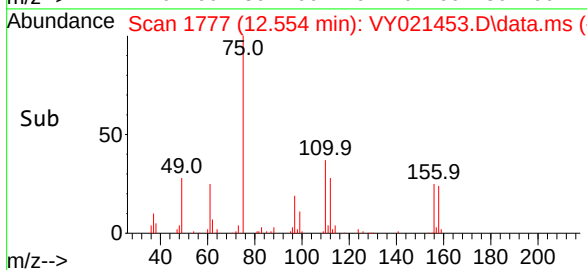
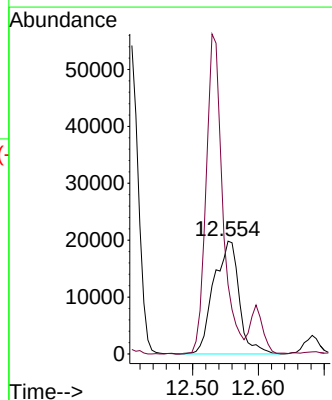
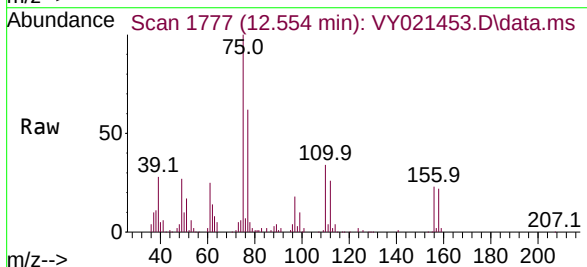
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

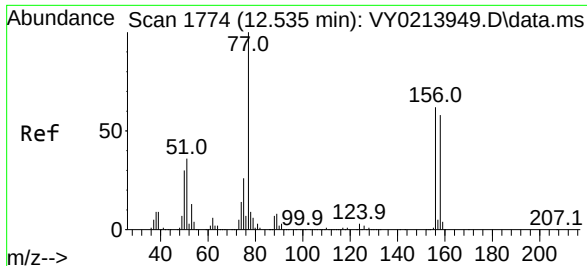
Tgt Ion: 83 Resp: 41732
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 16.1
 85 63.6 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 34.669 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

Tgt Ion: 75 Resp: 53382
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

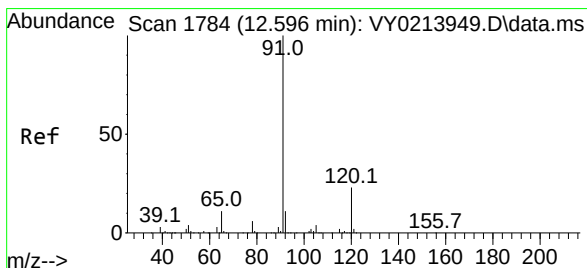
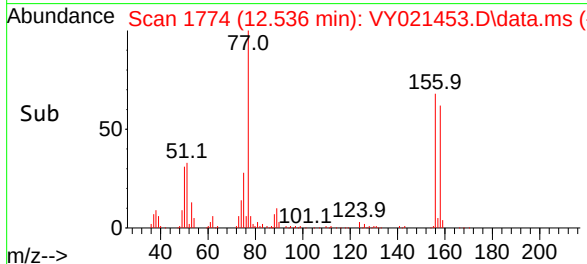
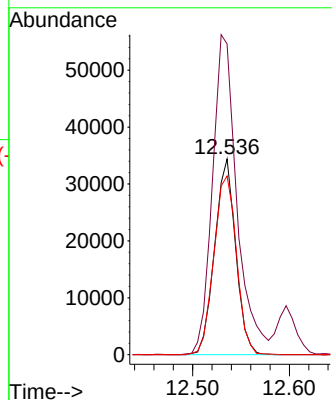
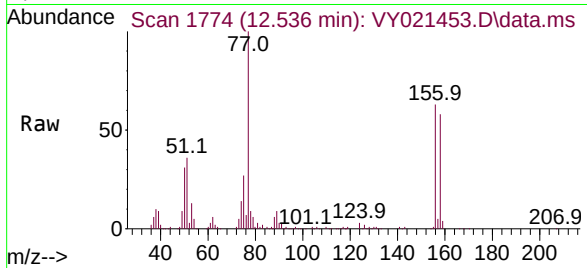




#77
Bromobenzene
Concen: 18.413 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

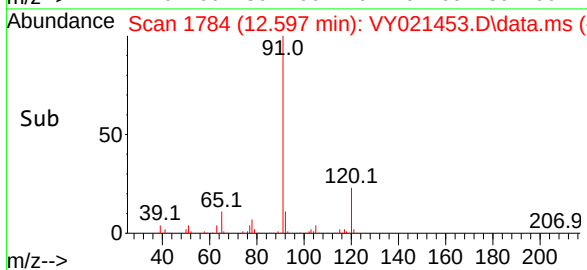
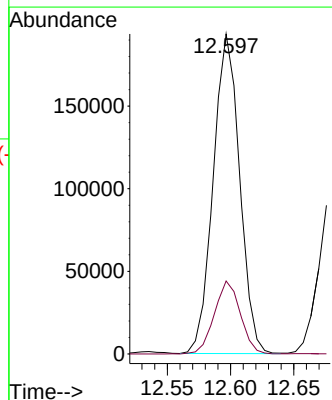
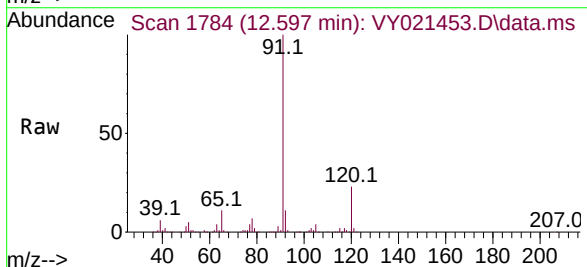
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

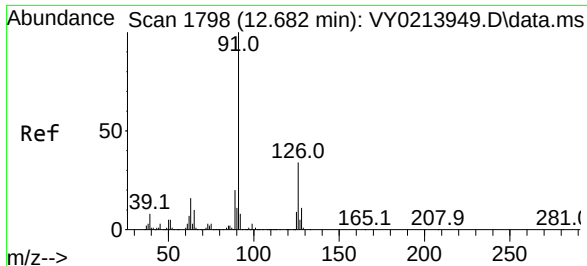
Tgt Ion:156 Resp: 51851
Ion Ratio Lower Upper
156 100
77 190.8 93.6 280.8
158 98.4 48.3 144.8



#78
n-propylbenzene
Concen: 19.208 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 91 Resp: 280785
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.038 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

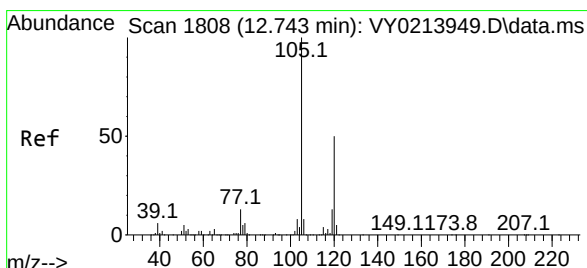
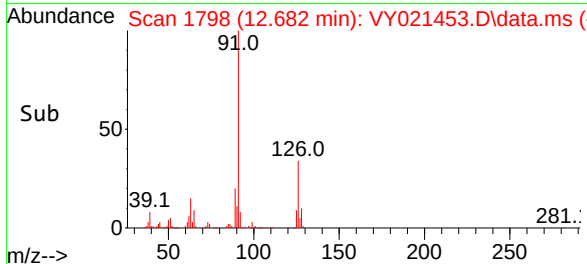
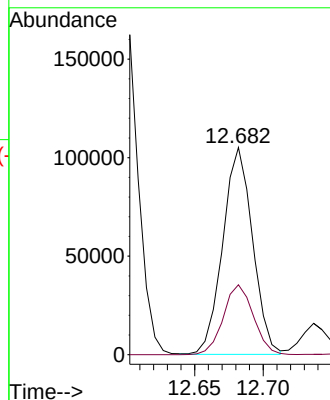
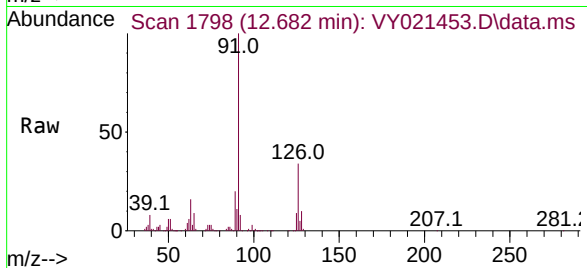
VY0307SBS01

Tgt Ion: 91 Resp: 159129

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.136 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021453.D

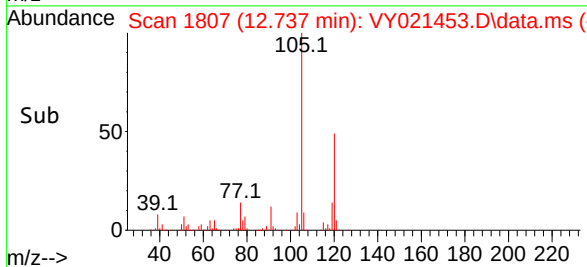
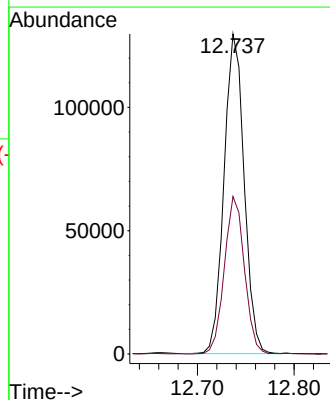
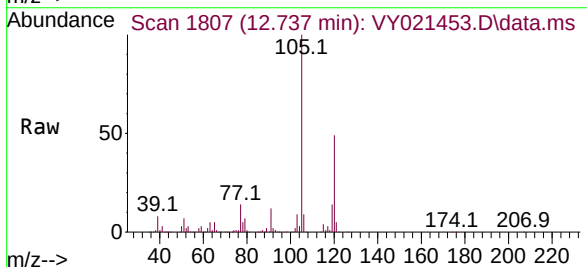
Acq: 07 Mar 2025 12:03

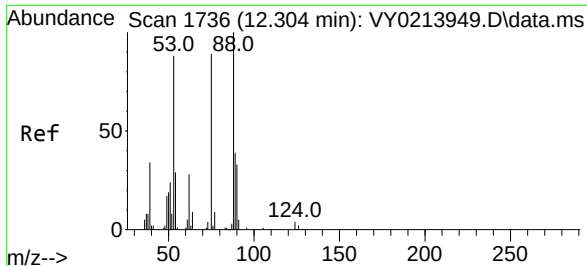
Tgt Ion:105 Resp: 187183

Ion Ratio Lower Upper

105 100

120 49.3 24.6 73.6

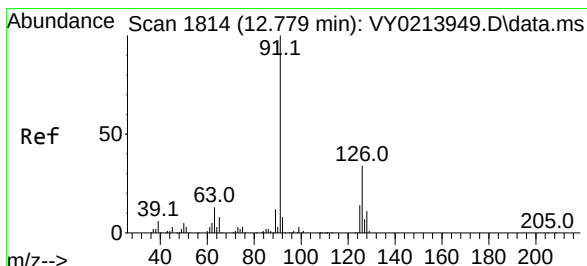
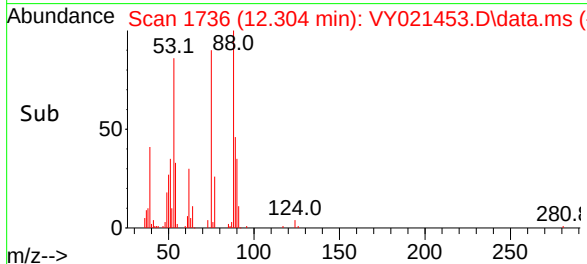
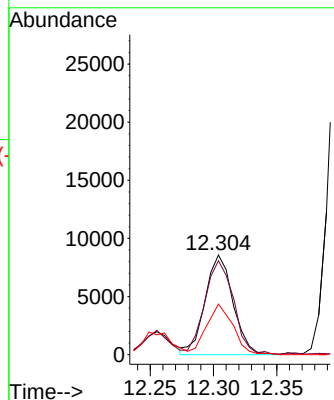
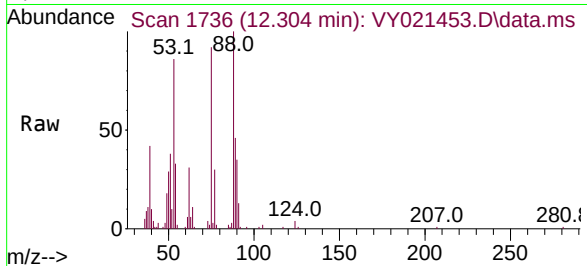




#81
trans-1,4-Dichloro-2-butene
Concen: 19.450 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

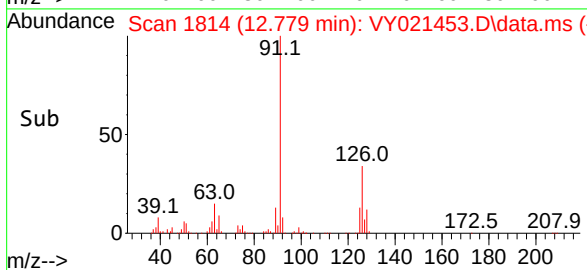
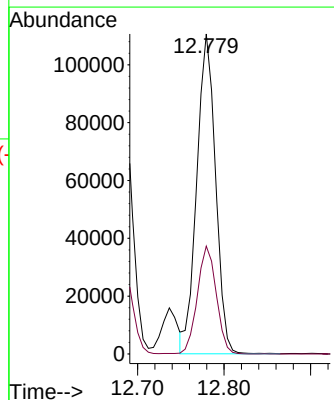
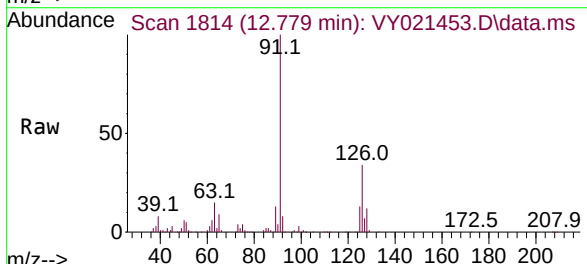
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

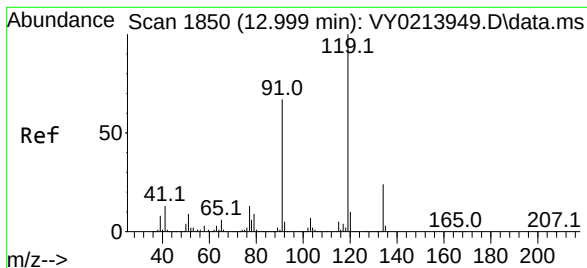
Tgt Ion: 75 Resp: 13174
Ion Ratio Lower Upper
75 100
53 95.6 81.0 121.4
89 48.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.206 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 91 Resp: 166239
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 18.691 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

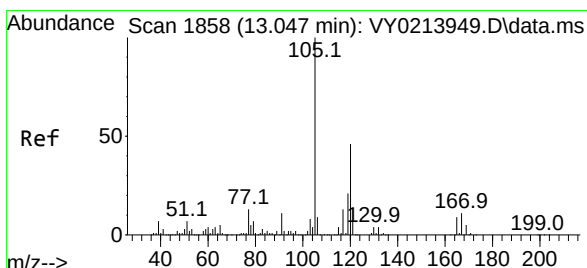
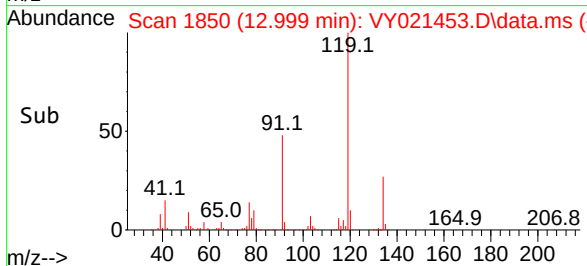
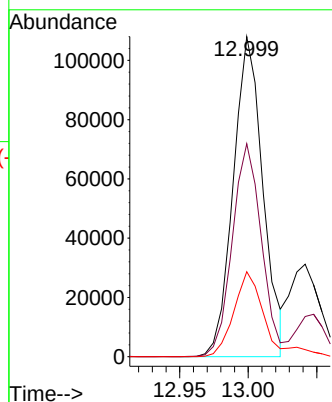
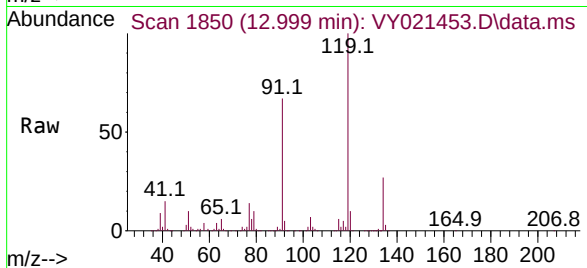
Tgt Ion:119 Resp: 163102

Ion Ratio Lower Upper

119 100

91 65.0 33.2 99.6

134 27.7 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 19.109 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021453.D

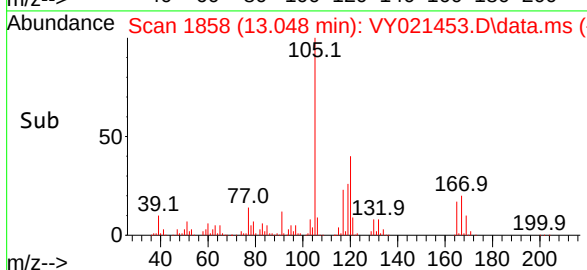
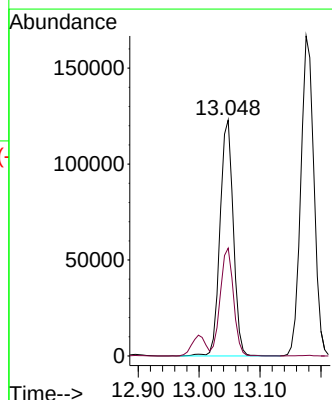
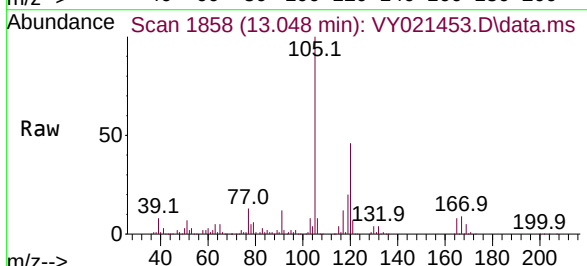
Acq: 07 Mar 2025 12:03

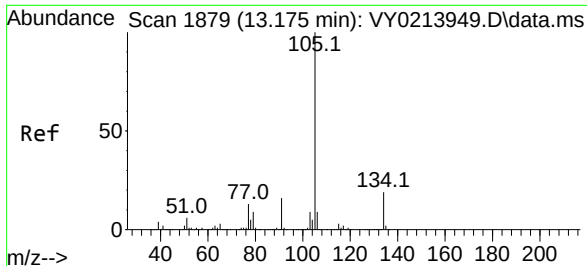
Tgt Ion:105 Resp: 185591

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1

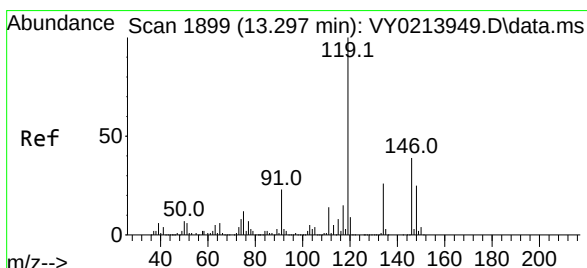
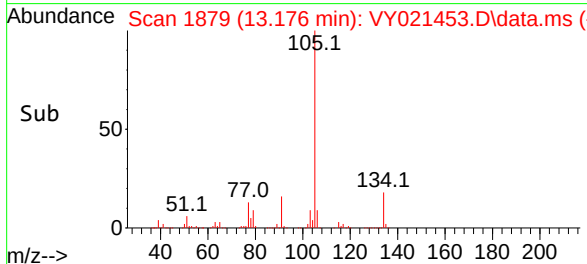
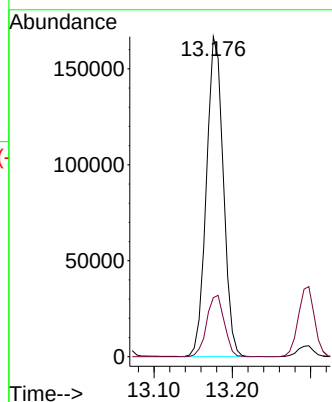
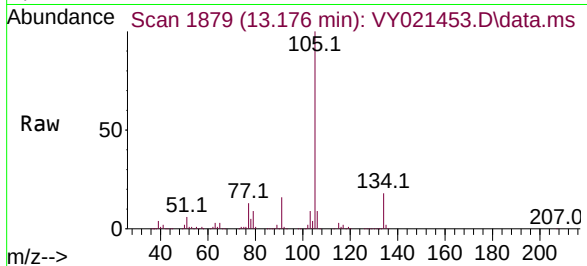




#85
 sec-Butylbenzene
 Concen: 19.192 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

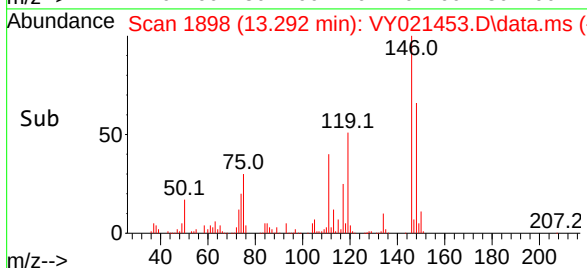
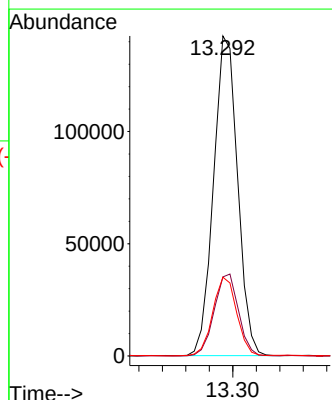
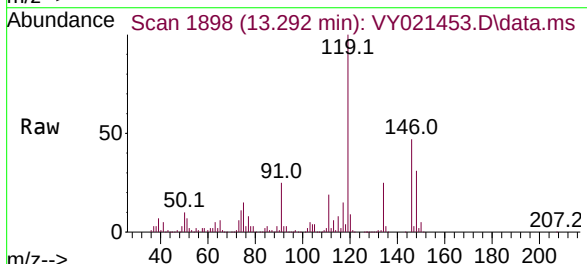
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

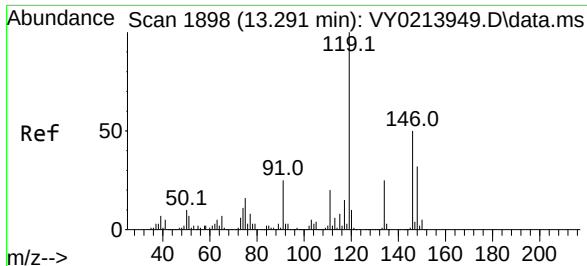
Tgt Ion:105 Resp: 249181
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.939 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

Tgt Ion:119 Resp: 202582
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 24.6 12.2 36.6

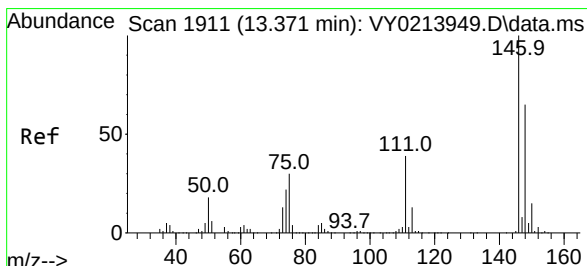
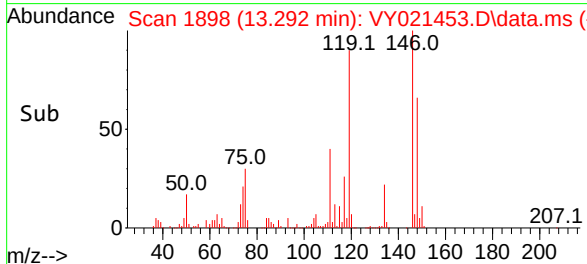
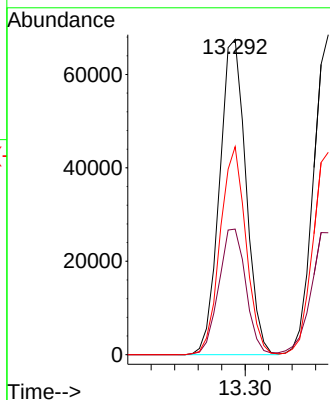
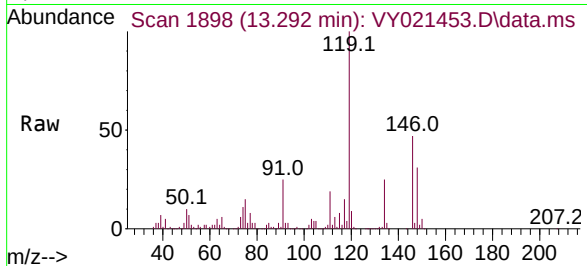




#87
1,3-Dichlorobenzene
Concen: 18.798 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

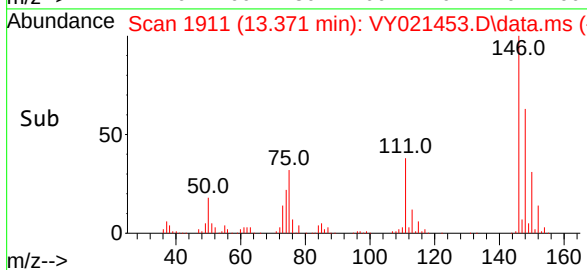
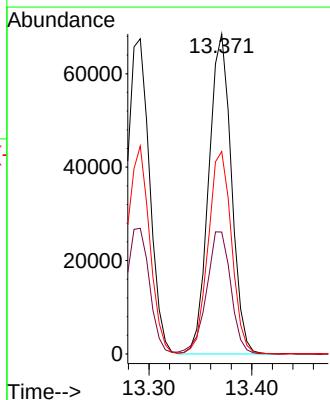
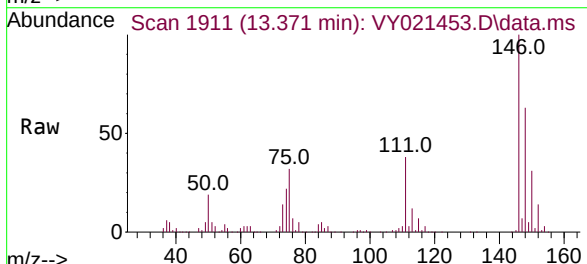
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

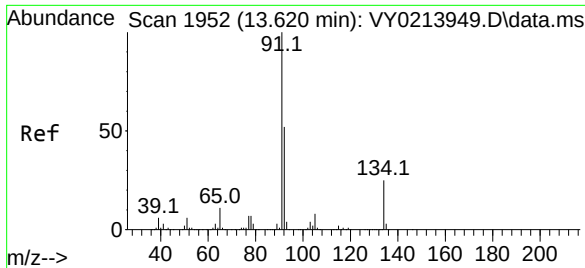
Tgt Ion:146 Resp: 105372
Ion Ratio Lower Upper
146 100
111 40.9 20.0 60.0
148 64.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 19.131 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion:146 Resp: 104875
Ion Ratio Lower Upper
146 100
111 41.0 19.6 58.8
148 65.4 32.3 96.8

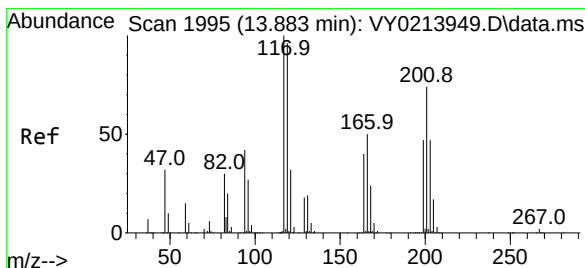
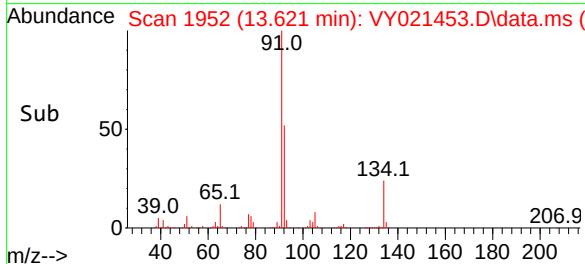
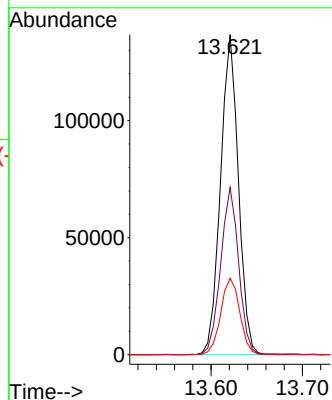
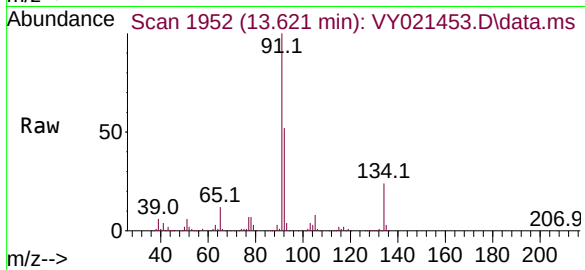




#89
n-Butylbenzene
Concen: 18.856 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

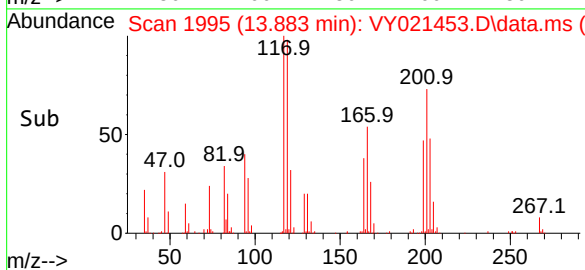
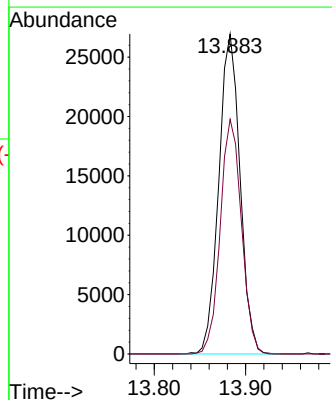
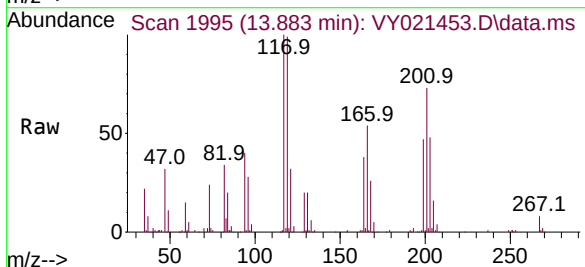
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

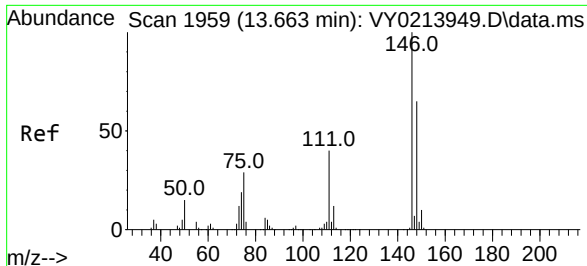
Tgt Ion: 91 Resp: 186240
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.3
134 25.4 12.6 37.8



#90
Hexachloroethane
Concen: 19.087 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion: 117 Resp: 43553
Ion Ratio Lower Upper
117 100
201 73.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.995 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

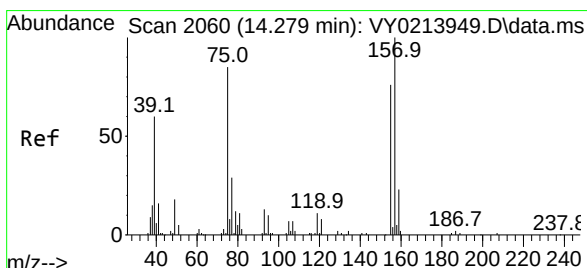
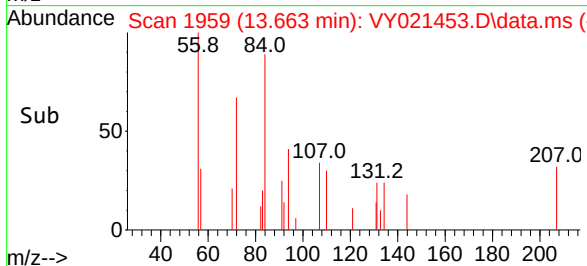
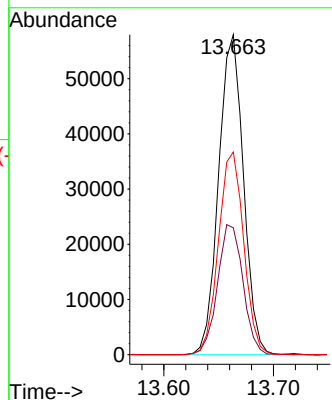
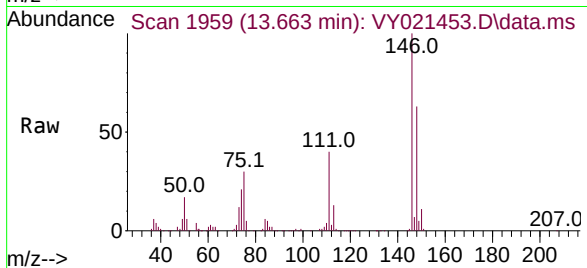
Tgt Ion:146 Resp: 91257

Ion Ratio Lower Upper

146 100

111 41.8 20.7 62.1

148 64.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.835 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

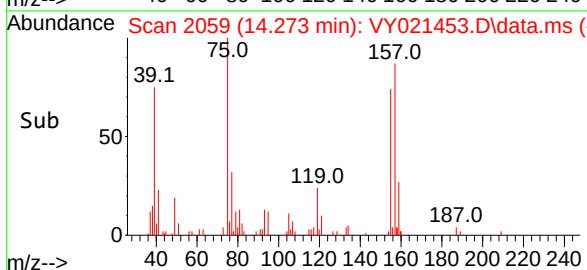
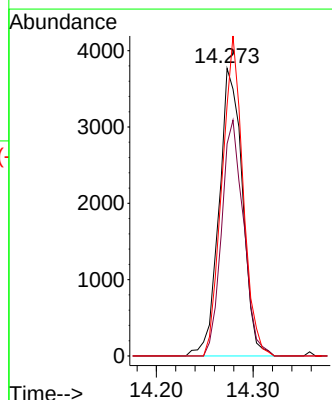
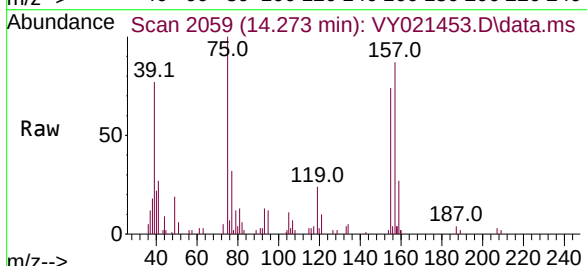
Tgt Ion: 75 Resp: 6311

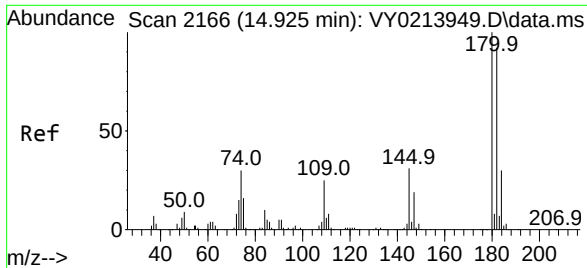
Ion Ratio Lower Upper

75 100

155 77.0 43.5 130.5

157 99.8 54.4 163.2

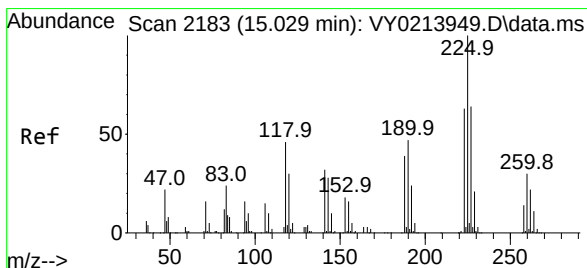
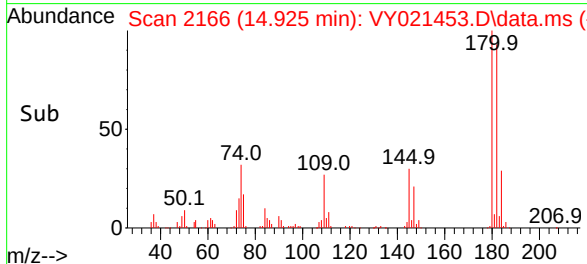
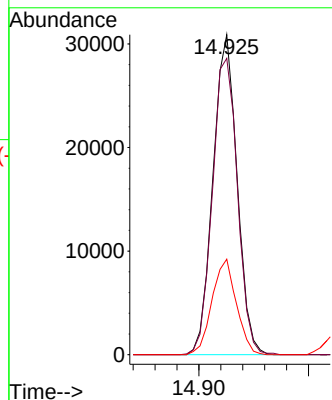
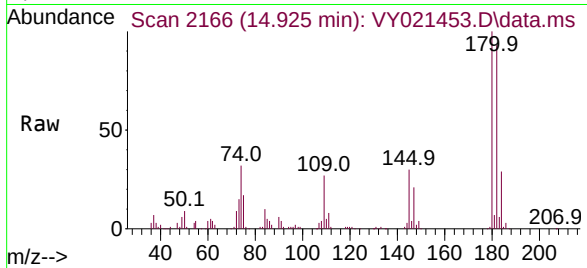




#93
 1,2,4-Trichlorobenzene
 Concen: 17.977 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

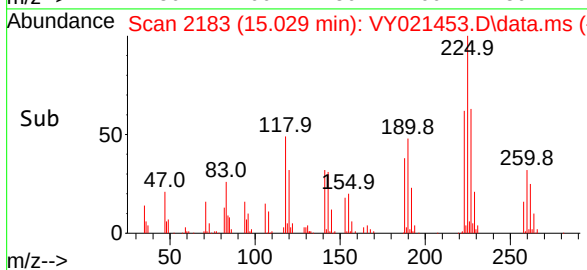
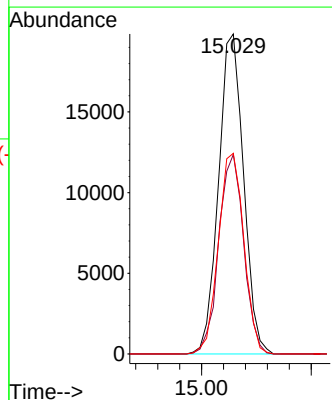
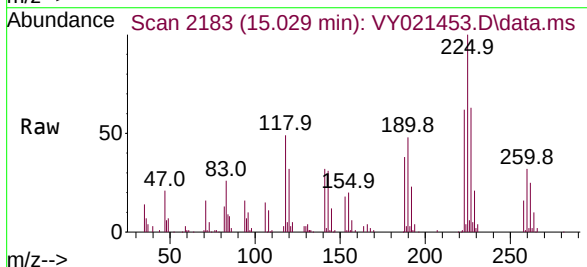
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

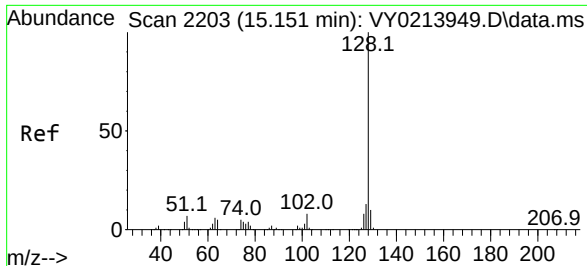
Tgt Ion:180 Resp: 47173
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.7 140.0
 145 30.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 19.123 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021453.D
 Acq: 07 Mar 2025 12:03

Tgt Ion:225 Resp: 31456
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.4 94.2
 227 63.8 31.8 95.4

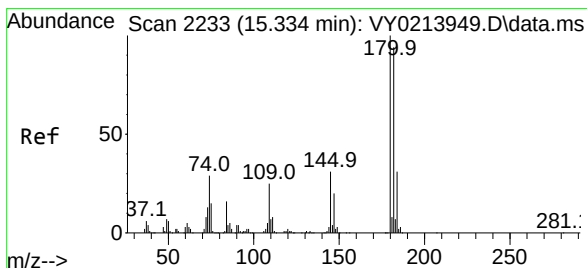
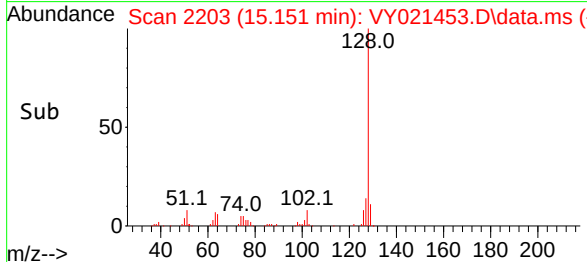
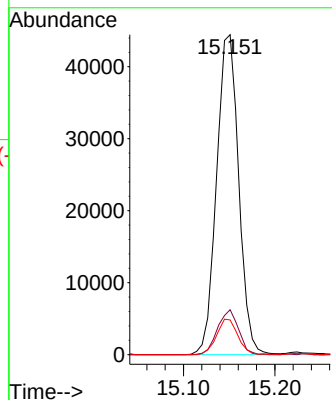
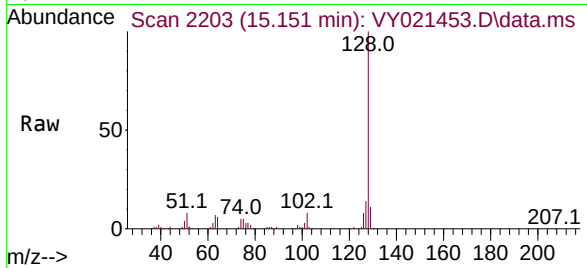




#95
Naphthalene
Concen: 18.887 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

Tgt Ion:128	Resp:	74806
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 15.8
129	10.7	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.107 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021453.D
Acq: 07 Mar 2025 12:03

Tgt Ion:180	Resp:	39961
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.2 141.6
145	33.3	16.4 49.1

