

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021612.D
 Acq On : 24 Mar 2025 12:27
 Operator : SY/MD
 Sample : VY0324SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Quant Time: Mar 25 01:29:29 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	199873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	313175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	277576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98428	46.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.634	113	93884	45.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.220%
50) Toluene-d8	10.103	98	345626	44.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.680%
62) 4-Bromofluorobenzene	12.408	95	119258	44.981	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	33624	18.332	ug/l	100
3) Chloromethane	2.068	50	48733	18.846	ug/l	99
4) Vinyl Chloride	2.202	62	54864	19.415	ug/l	99
5) Bromomethane	2.586	94	43455	21.277	ug/l	94
6) Chloroethane	2.733	64	40149	21.499	ug/l	96
7) Trichlorofluoromethane	3.056	101	89624	22.722	ug/l	100
8) Diethyl Ether	3.452	74	23908	21.872	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	46746	20.758	ug/l	98
10) Methyl Iodide	4.001	142	39631	17.313	ug/l	98
11) Tert butyl alcohol	4.860	59	15787	101.558	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	40247	19.603	ug/l	91
13) Acrolein	3.653	56	8861	82.465	ug/l	93
14) Allyl chloride	4.379	41	63783	19.224	ug/l	99
15) Acrylonitrile	5.055	53	53014	113.931	ug/l	98
16) Acetone	3.873	43	40275	87.409	ug/l	95
17) Carbon Disulfide	4.104	76	102778	15.973	ug/l	100
18) Methyl Acetate	4.379	43	23595	23.079	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	110873	21.306	ug/l	98
20) Methylene Chloride	4.610	84	56390	23.315	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	43420	18.884	ug/l	93
22) Diisopropyl ether	6.013	45	151567	21.197	ug/l	98
23) Vinyl Acetate	5.958	43	429753	105.310	ug/l	99
24) 1,1-Dichloroethane	5.915	63	88263	20.914	ug/l	99
25) 2-Butanone	6.890	43	65887	103.372	ug/l	96
26) 2,2-Dichloropropane	6.884	77	72995	18.798	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	53701	20.558	ug/l	96
28) Bromochloromethane	7.244	49	33259	18.798	ug/l	98
29) Tetrahydrofuran	7.256	42	43493	110.533	ug/l	98
30) Chloroform	7.421	83	93757	21.395	ug/l	98
31) Cyclohexane	7.701	56	69767	17.634	ug/l #	94
32) 1,1,1-Trichloroethane	7.616	97	82665	20.602	ug/l	99
36) 1,1-Dichloropropene	7.829	75	60737	18.849	ug/l	99
37) Ethyl Acetate	6.982	43	29959	21.036	ug/l	99
38) Carbon Tetrachloride	7.817	117	74215	20.026	ug/l	99
39) Methylcyclohexane	9.110	83	69854	17.673	ug/l	99
40) Benzene	8.079	78	188484	19.857	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	14212	18.327	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	56207	21.167	ug/l	99
43) Isopropyl Acetate	8.195	43	60821	21.999	ug/l #	87
44) Trichloroethene	8.866	130	48845	20.364	ug/l	99
45) 1,2-Dichloropropane	9.140	63	47178	20.883	ug/l	98
46) Dibromomethane	9.231	93	26337	20.952	ug/l	98
47) Bromodichloromethane	9.420	83	73063	21.887	ug/l	95
48) Methyl methacrylate	9.219	41	26184	20.625	ug/l	93
49) 1,4-Dioxane	9.238	88	6106	494.900	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	162447	113.877	ug/l	97
52) Toluene	10.170	92	121669	20.331	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	61282	20.837	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	71389	20.445	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	37065	22.542	ug/l	96
56) Ethyl methacrylate	10.439	69	43836	20.904	ug/l	99
57) 1,3-Dichloropropane	10.719	76	61603	21.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	101527	104.878	ug/l	99
59) 2-Hexanone	10.762	43	105354	111.693	ug/l	98
60) Dibromochloromethane	10.914	129	50059	22.207	ug/l	99
61) 1,2-Dibromoethane	11.012	107	33734	21.738	ug/l	99
64) Tetrachloroethene	10.646	164	53752	23.814	ug/l	98
65) Chlorobenzene	11.438	112	134044	20.450	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	50475	21.780	ug/l	98
67) Ethyl Benzene	11.518	91	223252	19.405	ug/l	99
68) m/p-Xylenes	11.627	106	173682	39.763	ug/l	100
69) o-Xylene	11.957	106	81595	20.269	ug/l	98
70) Styrene	11.969	104	136978	20.511	ug/l	100
71) Bromoform	12.127	173	29900	23.080	ug/l	100
73) Isopropylbenzene	12.255	105	219695	18.532	ug/l	100
74) N-amyl acetate	12.072	43	52575	20.421	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	42010	20.082	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	55082	36.322	ug/l #	100
77) Bromobenzene	12.530	156	53342	19.233	ug/l	97
78) n-propylbenzene	12.597	91	265799	18.462	ug/l	100
79) 2-Chlorotoluene	12.676	91	153403	18.634	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	182666	18.961	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12335	18.491	ug/l	97
82) 4-Chlorotoluene	12.774	91	159828	18.749	ug/l	99
83) tert-Butylbenzene	12.999	119	162925	18.957	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	183989	19.235	ug/l	99
85) sec-Butylbenzene	13.176	105	241399	18.878	ug/l	99
86) p-Isopropyltoluene	13.292	119	199471	18.935	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	108328	19.622	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	107647	19.938	ug/l	99
89) n-Butylbenzene	13.621	91	184675	18.984	ug/l	99
90) Hexachloroethane	13.877	117	43176	19.212	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	96633	20.423	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6855	21.875	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	53922	20.864	ug/l	97
94) Hexachlorobutadiene	15.023	225	34252	21.143	ug/l	100
95) Naphthalene	15.145	128	87380	21.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	47159	21.696	ug/l	99

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ClientSampleId :
VY0324SBS01

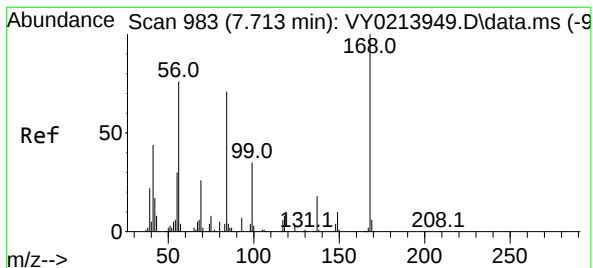
Quant Time: Mar 25 01:29:29 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

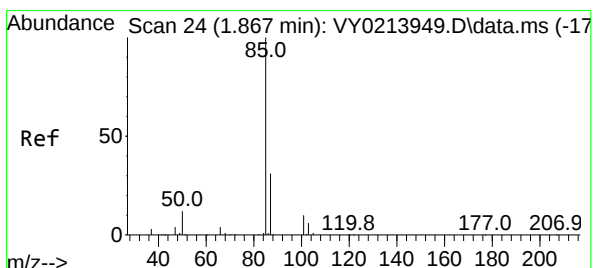
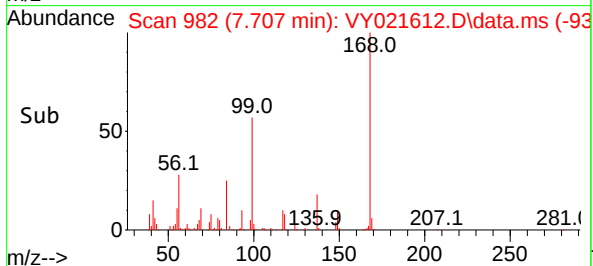
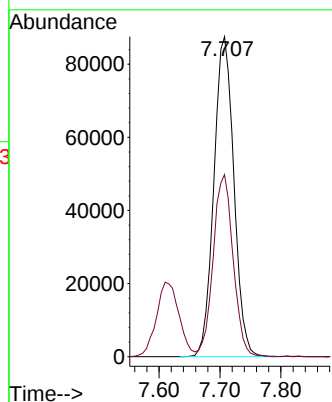
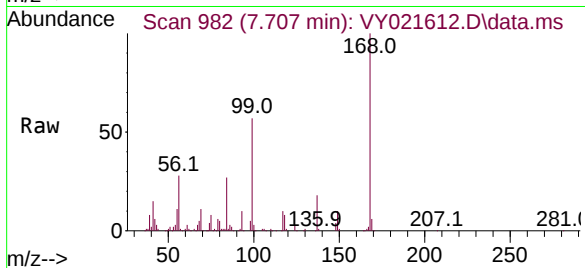
VY0324SBS01

Tgt Ion:168 Resp: 199873

Ion Ratio Lower Upper

168 100

99 56.8 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 18.332 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021612.D

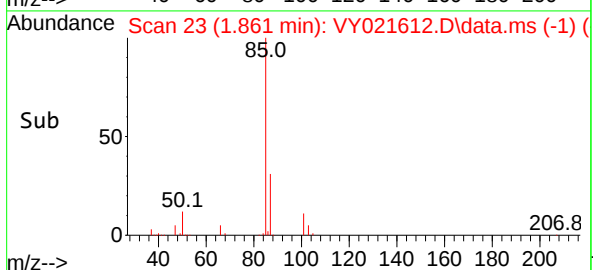
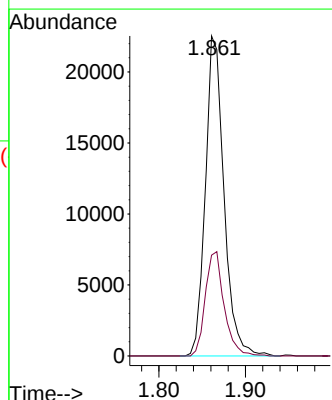
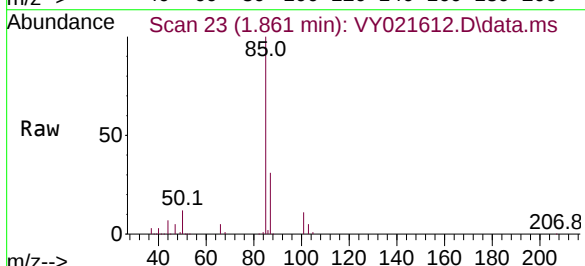
Acq: 24 Mar 2025 12:27

Tgt Ion: 85 Resp: 33624

Ion Ratio Lower Upper

85 100

87 31.5 15.7 47.0

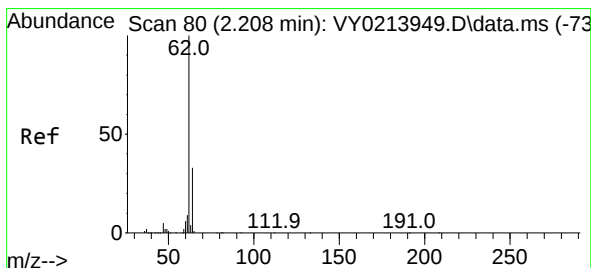
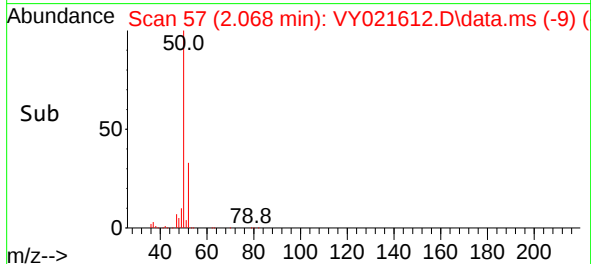
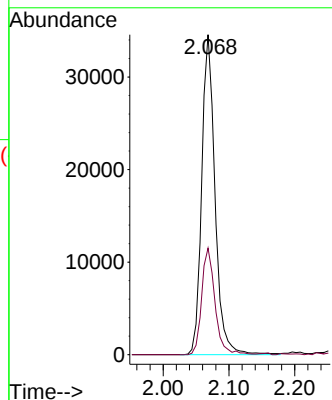
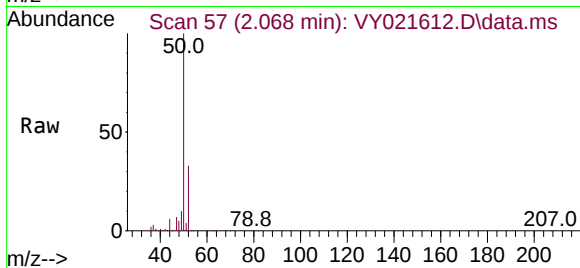




#3
Chloromethane
Concen: 18.846 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

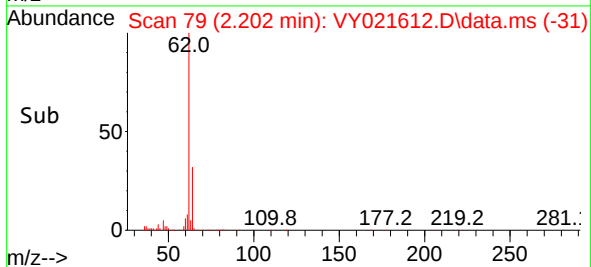
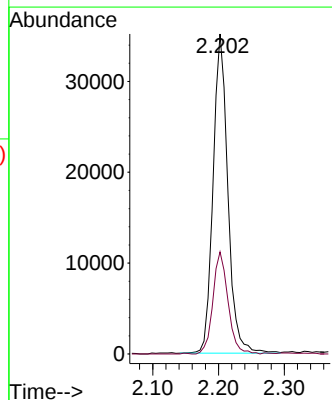
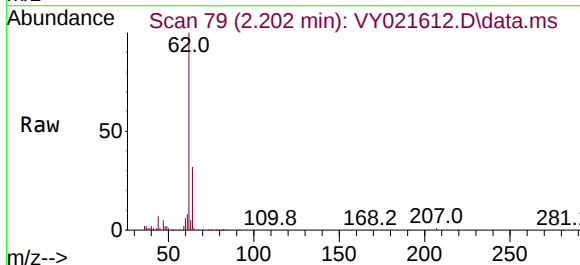
Instrument :
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ClientSampleId :
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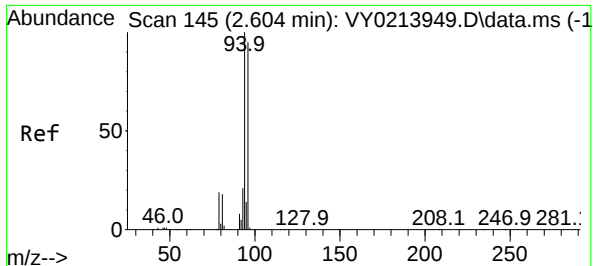
Tgt Ion: 50 Resp: 48733
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 19.415 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 62 Resp: 54864
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

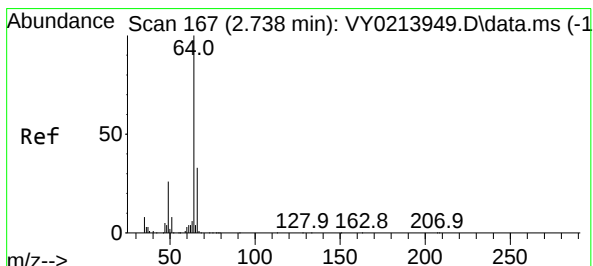
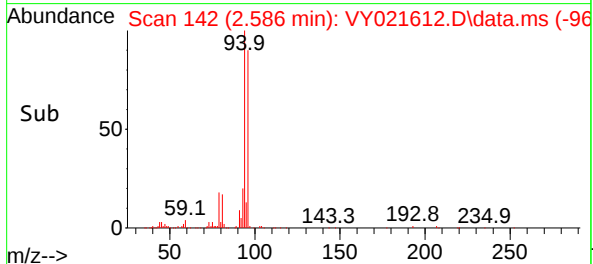
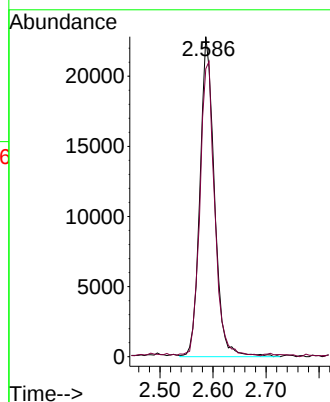
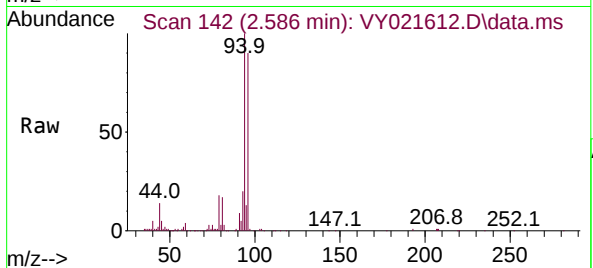




#5
Bromomethane
Concen: 21.277 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

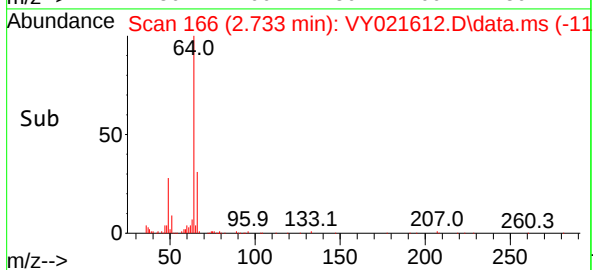
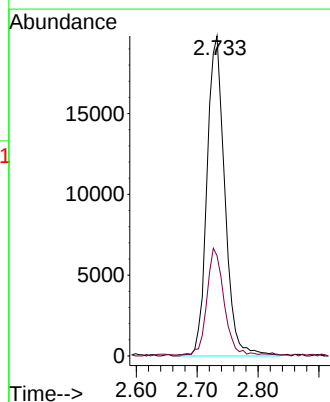
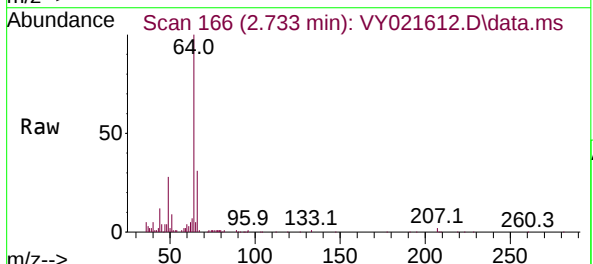
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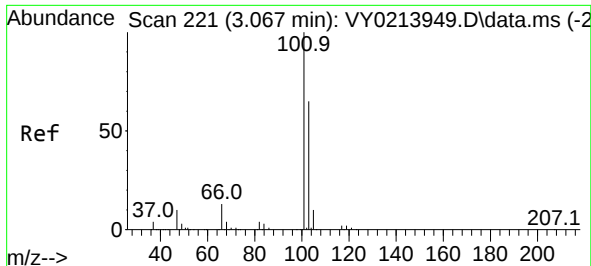
Tgt Ion: 94 Resp: 43455
Ion Ratio Lower Upper
94 100
96 89.3 76.3 114.5



#6
Chloroethane
Concen: 21.499 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 64 Resp: 40149
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1

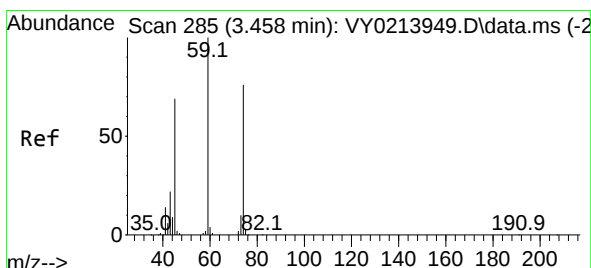
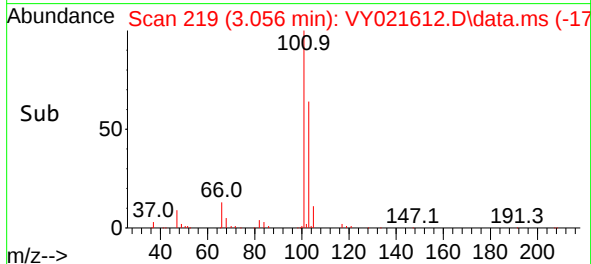
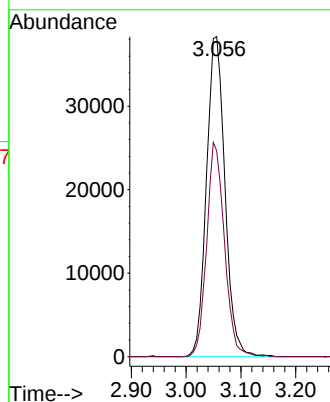
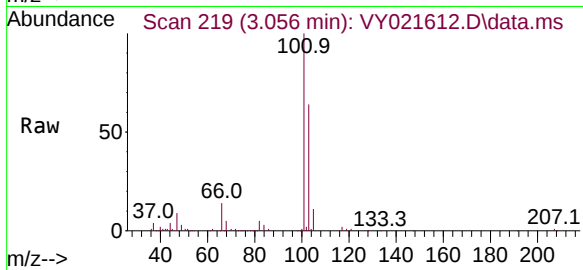




#7
Trichlorofluoromethane
Concen: 22.722 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

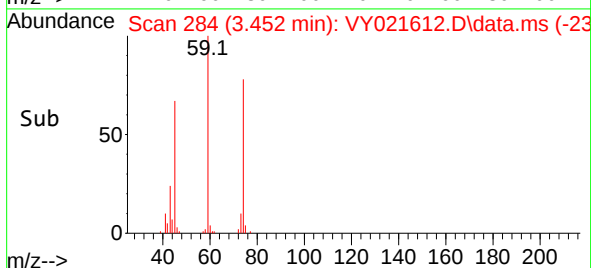
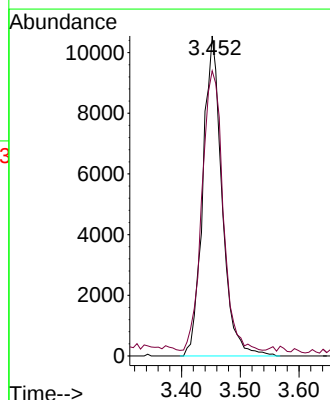
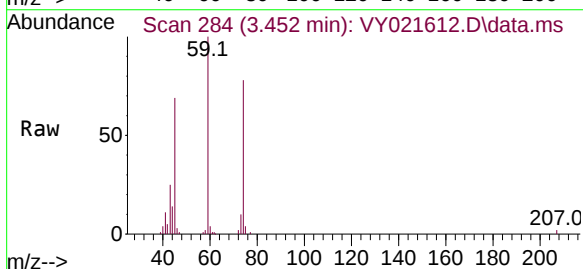
Instrument :
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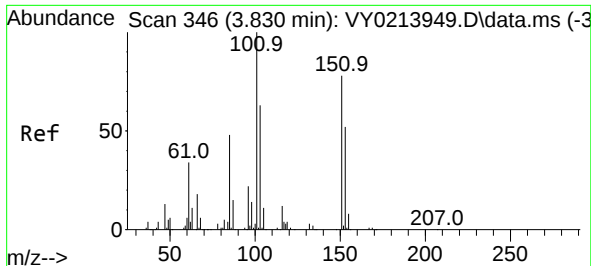
Tgt Ion:101 Resp: 89624
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5



#8
Diethyl Ether
Concen: 21.872 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 74 Resp: 23908
Ion Ratio Lower Upper
74 100
45 95.4 49.7 149.1

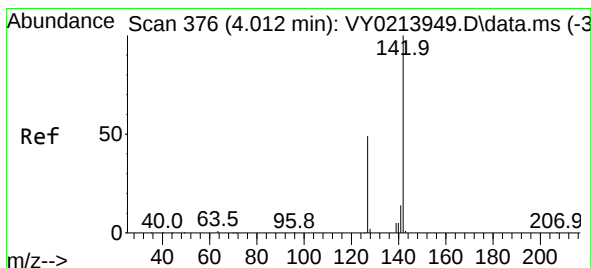
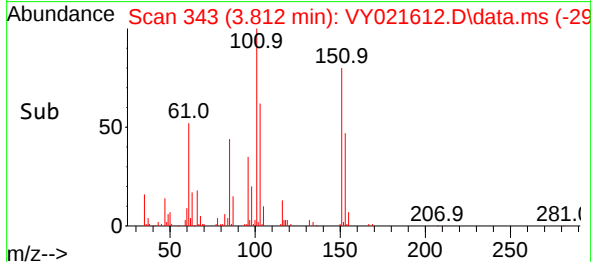
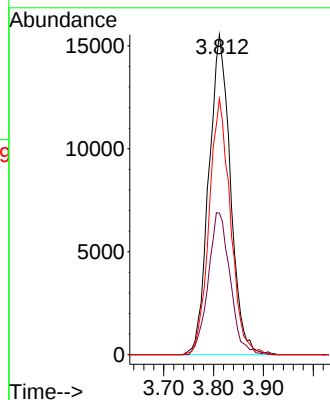
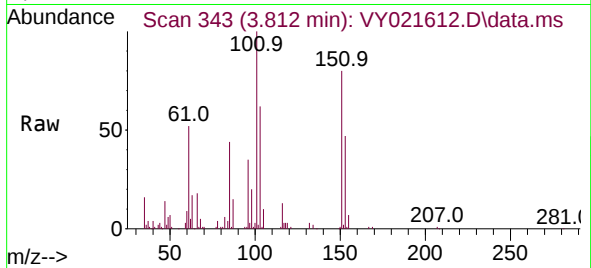




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.758 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021612.D
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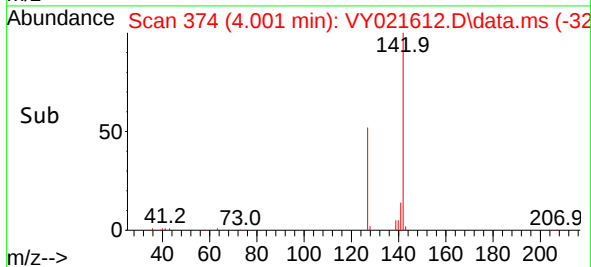
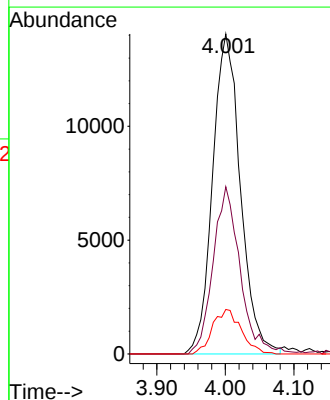
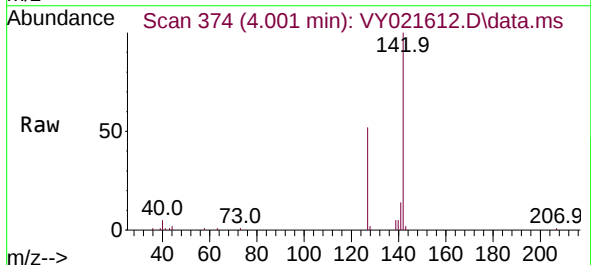
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

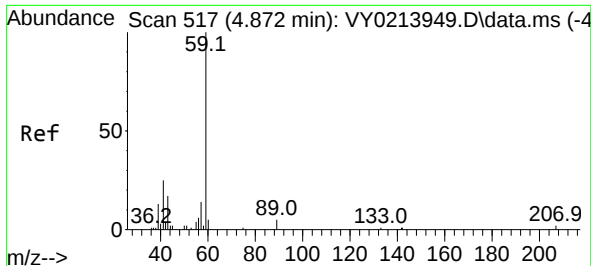
Tgt Ion:101 Resp: 46746
Ion Ratio Lower Upper
101 100
85 45.1 37.1 55.7
151 79.0 62.1 93.1



#10
Methyl Iodide
Concen: 17.313 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion:142 Resp: 39631
Ion Ratio Lower Upper
142 100
127 50.7 39.1 58.7
141 14.3 11.8 17.6

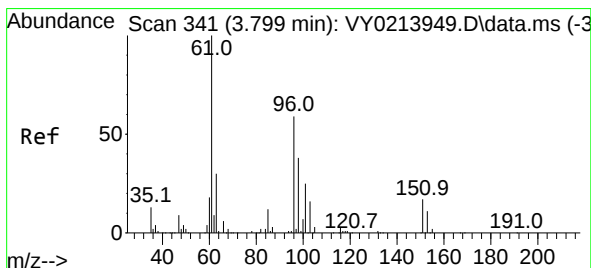
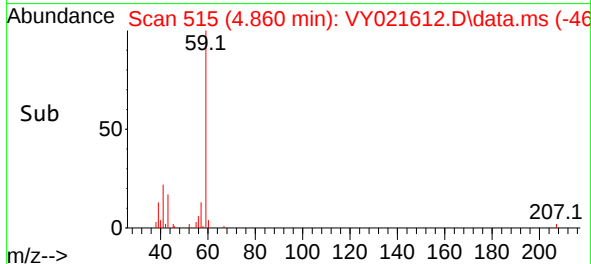
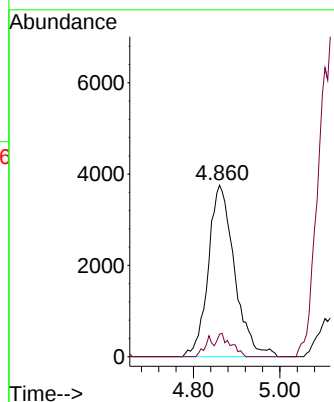
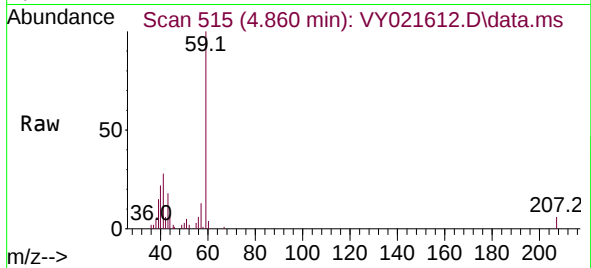




#11
Tert butyl alcohol
Concen: 101.558 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

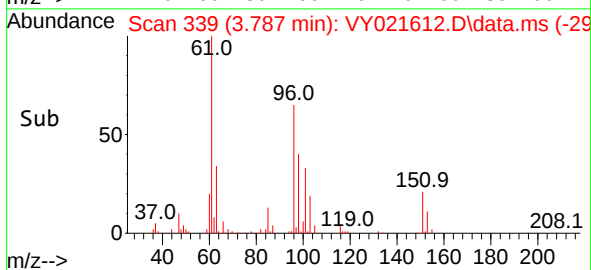
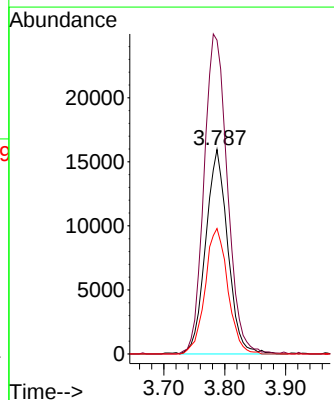
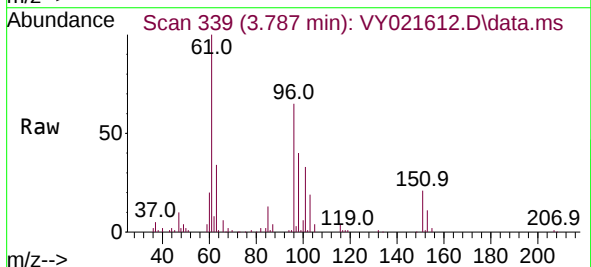
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

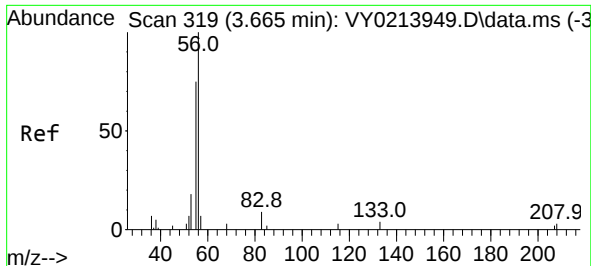
Tgt Ion: 59 Resp: 15787
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 19.603 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 96 Resp: 40247
Ion Ratio Lower Upper
96 100
61 153.1 135.2 202.8
98 61.3 51.4 77.2

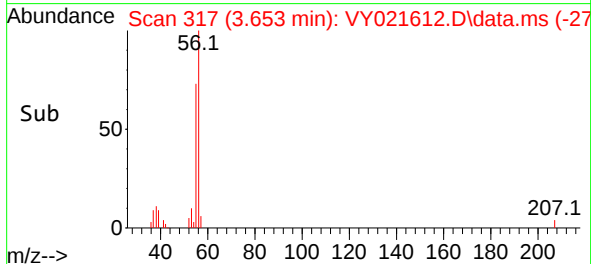
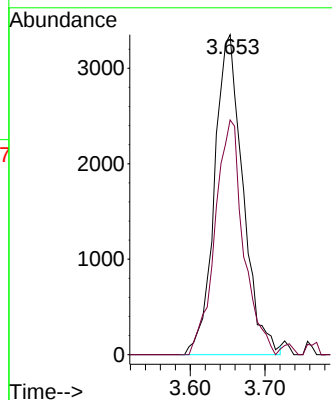
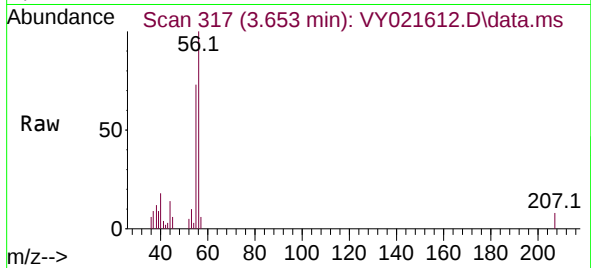




#13
Acrolein
Concen: 82.465 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

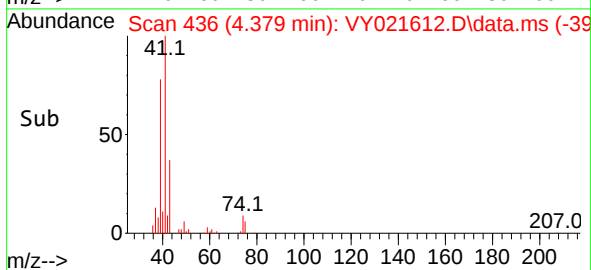
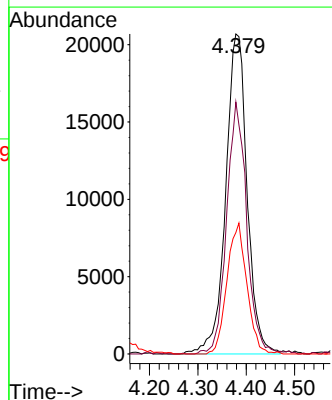
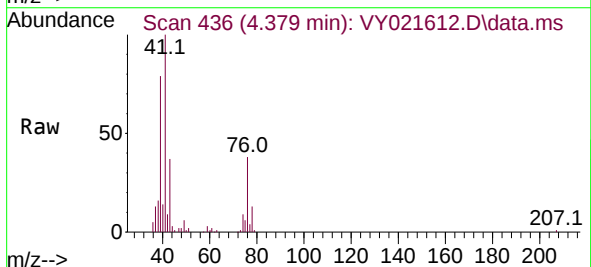
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

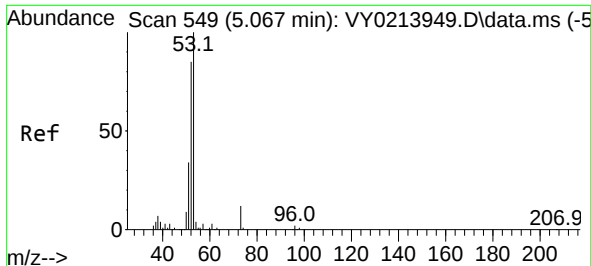
Tgt Ion: 56 Resp: 8861
Ion Ratio Lower Upper
56 100
55 73.2 63.4 95.2



#14
Allyl chloride
Concen: 19.224 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 41 Resp: 63783
Ion Ratio Lower Upper
41 100
39 73.4 59.3 88.9
76 38.0 29.8 44.8





#15

Acrylonitrile

Concen: 113.931 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

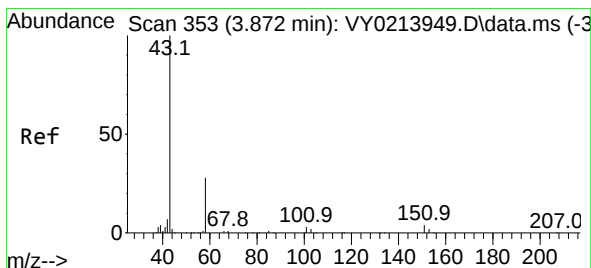
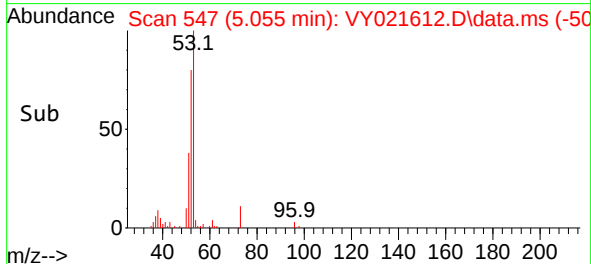
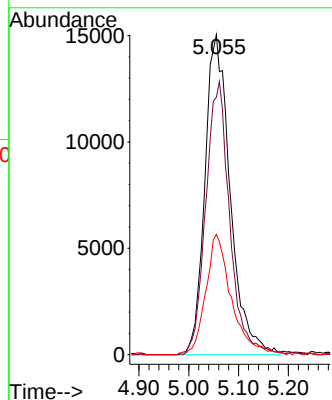
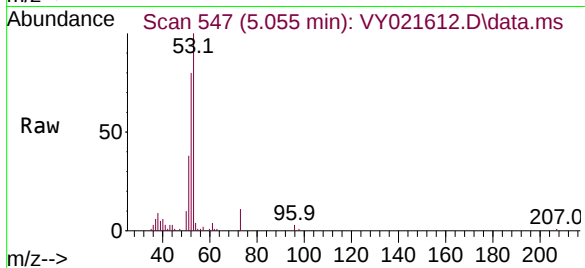
Tgt Ion: 53 Resp: 53014

Ion Ratio Lower Upper

53 100

52 80.9 66.3 99.5

51 38.0 30.3 45.5



#16

Acetone

Concen: 87.409 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.001 min

Lab File: VY021612.D

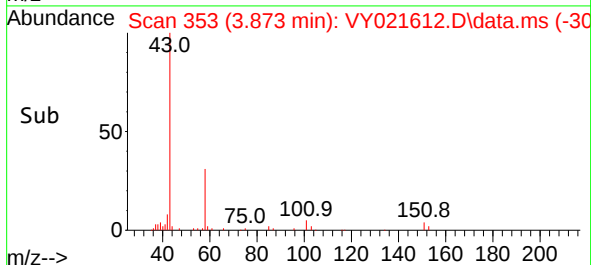
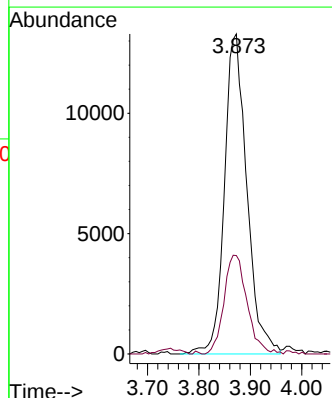
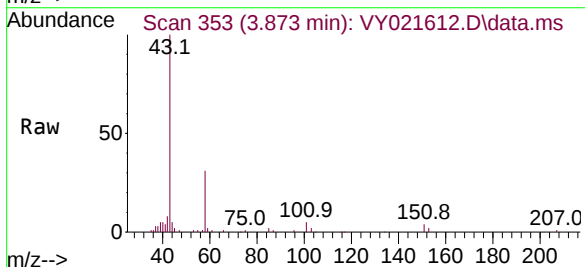
Acq: 24 Mar 2025 12:27

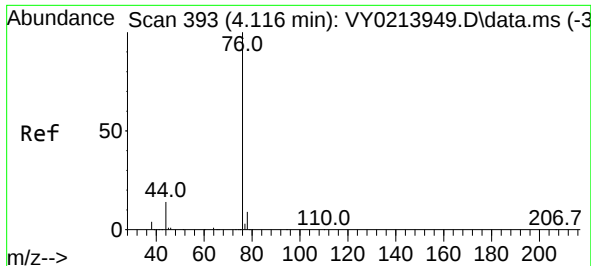
Tgt Ion: 43 Resp: 40275

Ion Ratio Lower Upper

43 100

58 30.1 22.1 33.1

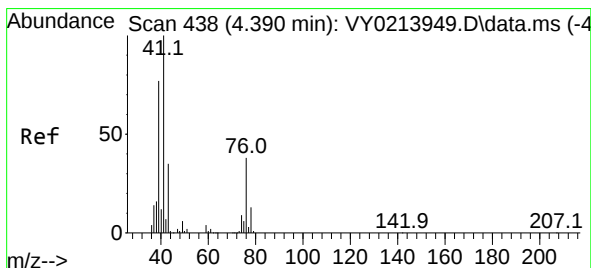
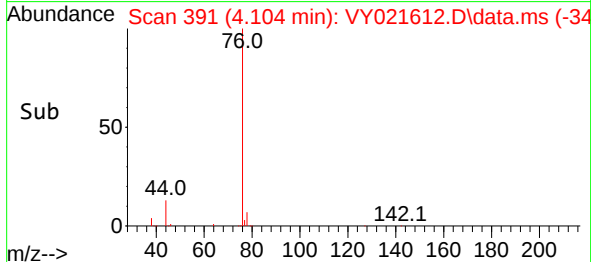
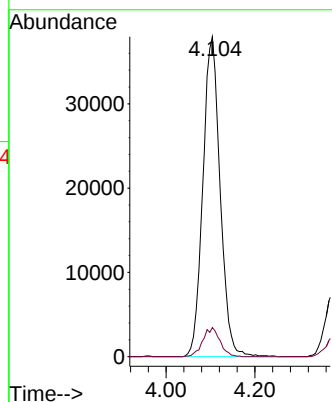
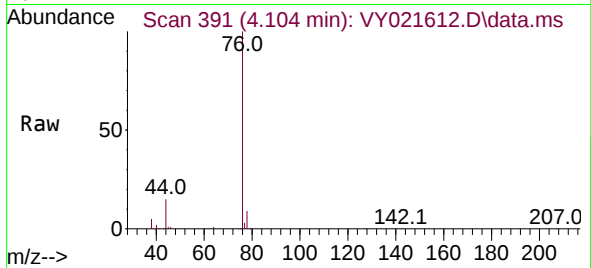




#17
Carbon Disulfide
Concen: 15.973 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

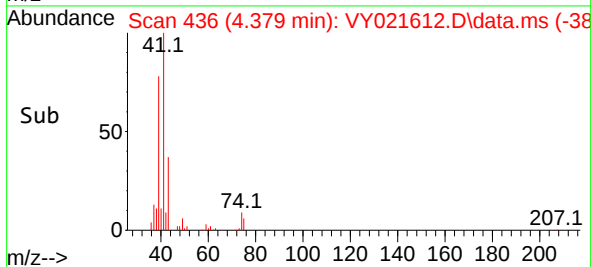
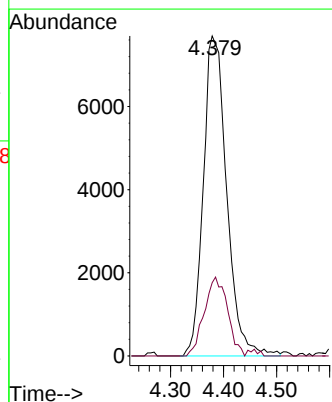
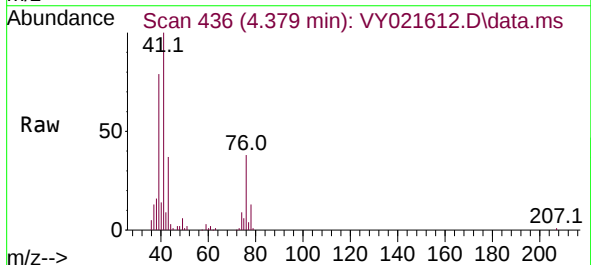
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

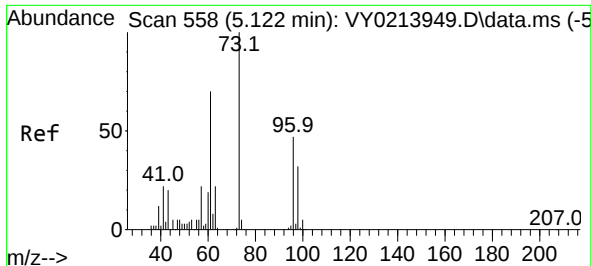
Tgt Ion: 76 Resp: 102778
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 23.079 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 43 Resp: 23595
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0

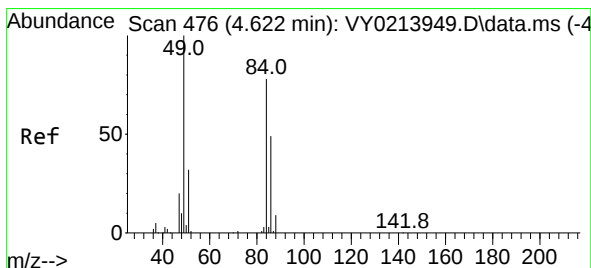
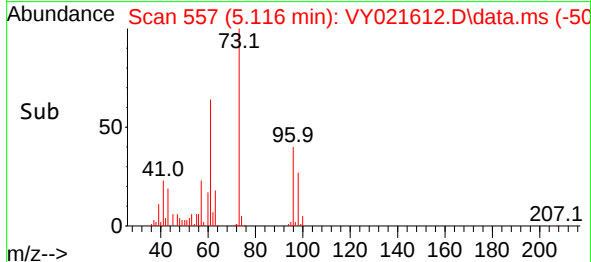
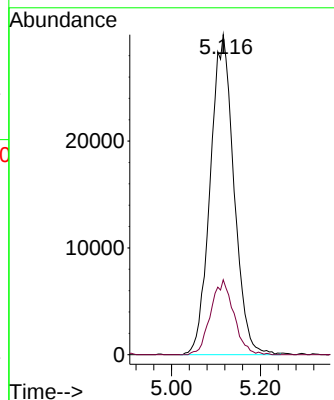
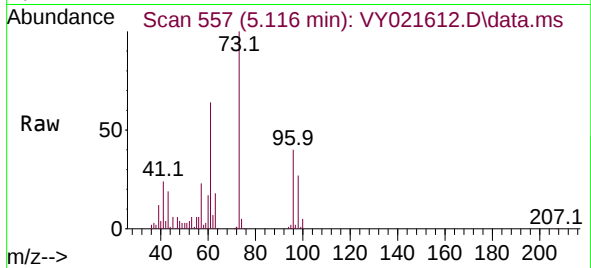




#19
Methyl tert-butyl Ether
Concen: 21.306 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

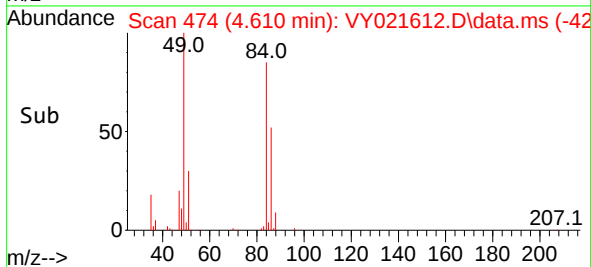
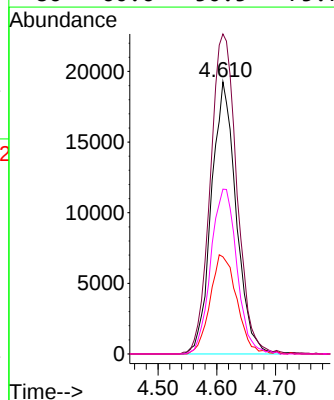
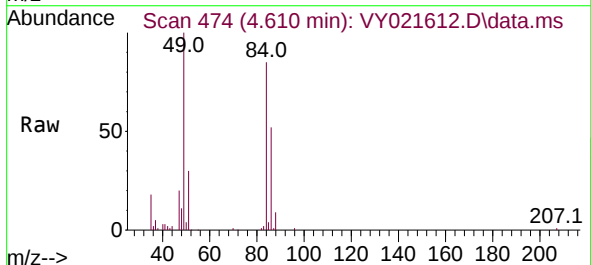
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

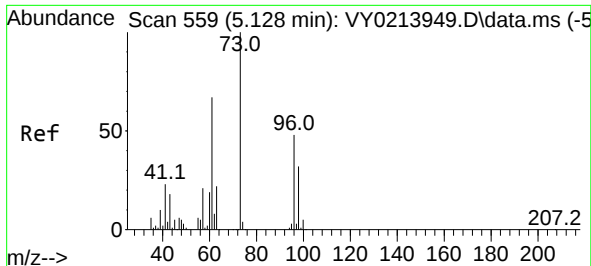
Tgt Ion: 73 Resp: 110873
Ion Ratio Lower Upper
73 100
57 23.4 17.9 26.9



#20
Methylene Chloride
Concen: 23.315 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 84 Resp: 56390
Ion Ratio Lower Upper
84 100
49 117.6 102.0 153.0
51 35.7 33.0 49.6
86 60.6 50.5 75.7

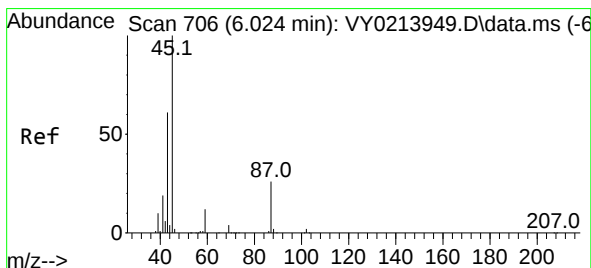
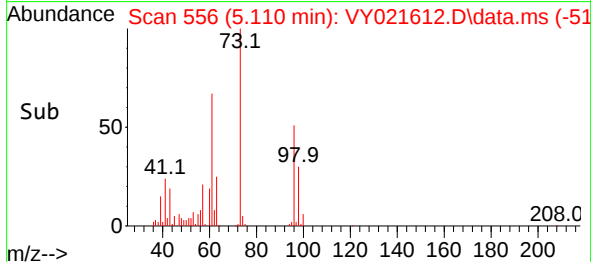
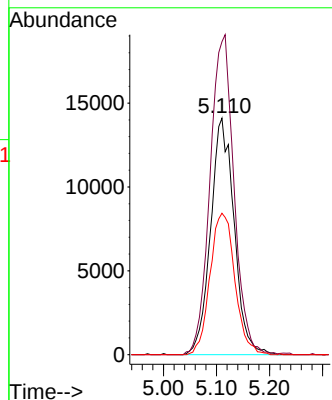
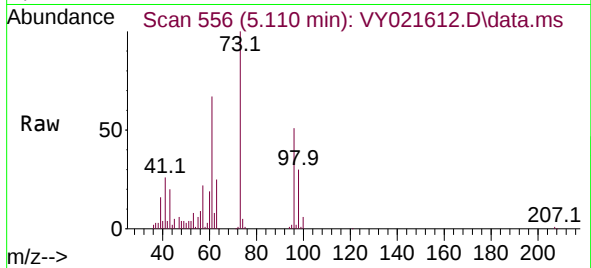




#21
trans-1,2-Dichloroethene
Concen: 18.884 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

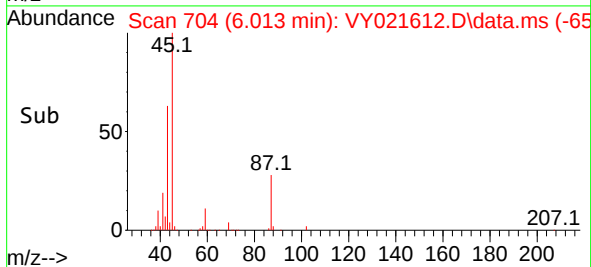
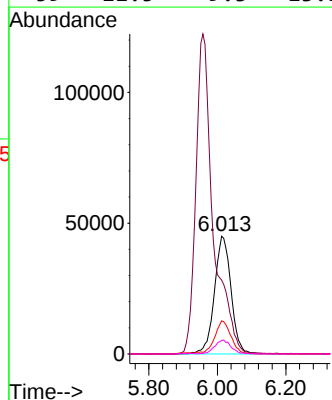
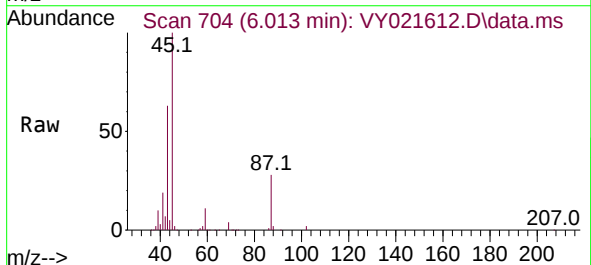
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

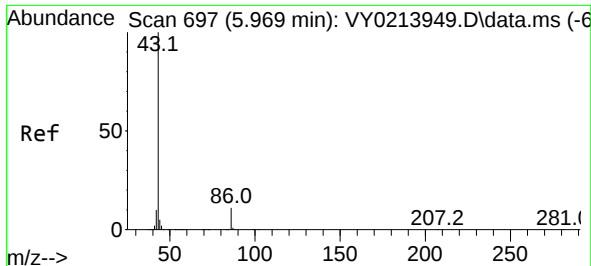
Tgt Ion: 96 Resp: 43420
Ion Ratio Lower Upper
96 100
61 132.3 111.5 167.3
98 59.8 53.8 80.8



#22
Diisopropyl ether
Concen: 21.197 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 45 Resp: 151567
Ion Ratio Lower Upper
45 100
43 62.3 48.7 73.1
87 28.2 21.5 32.3
59 11.5 9.3 13.9

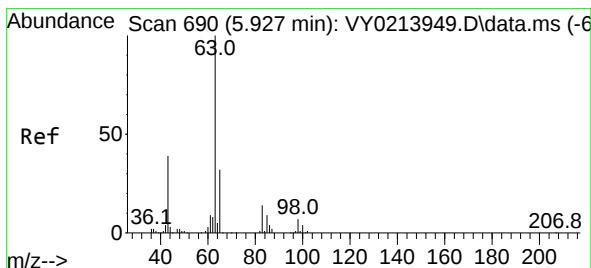
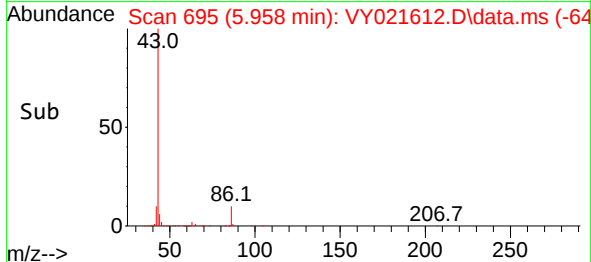
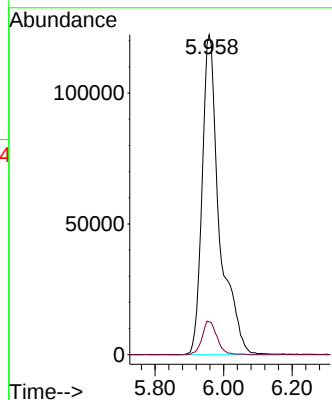
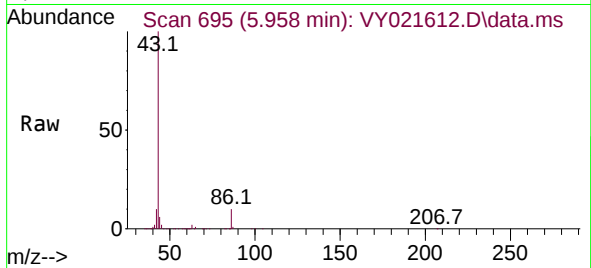




#23
 Vinyl Acetate
 Concen: 105.310 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

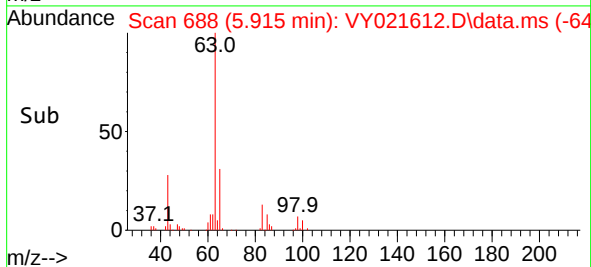
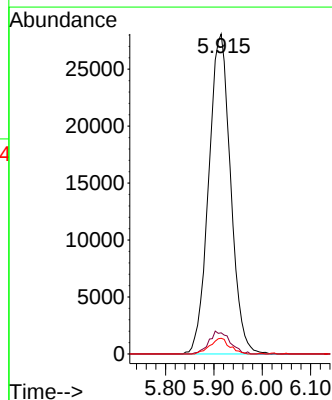
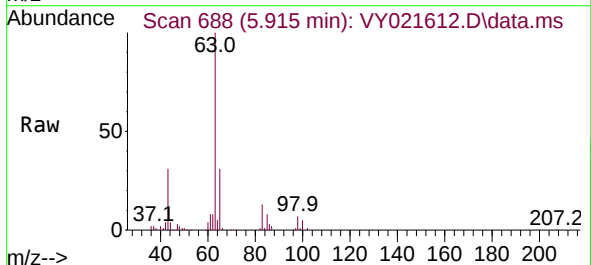
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

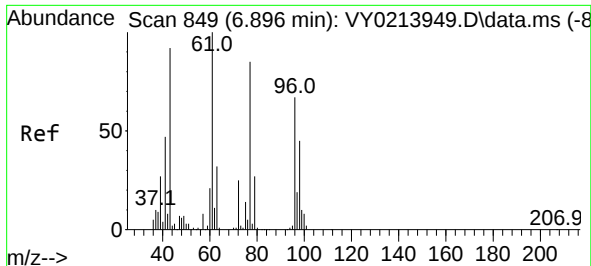
Tgt Ion: 43 Resp: 429753
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.914 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

Tgt Ion: 63 Resp: 88263
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.9 2.1 6.5

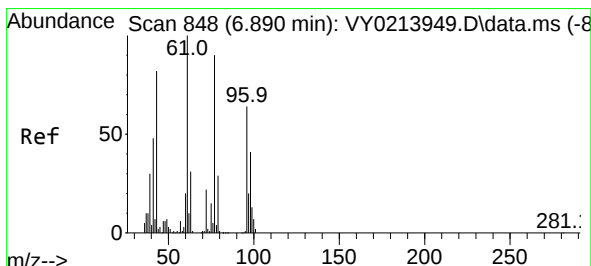
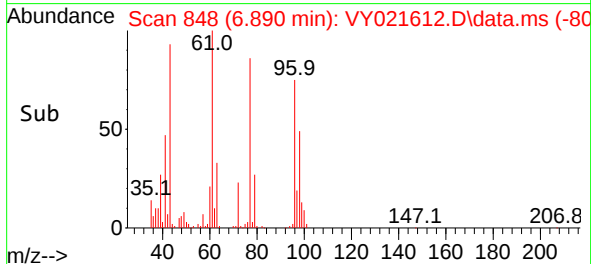
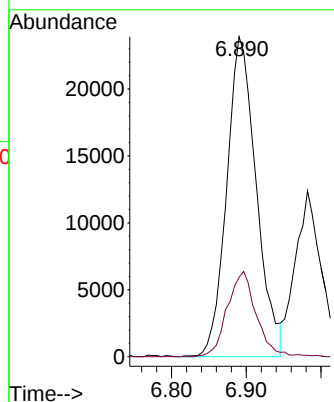
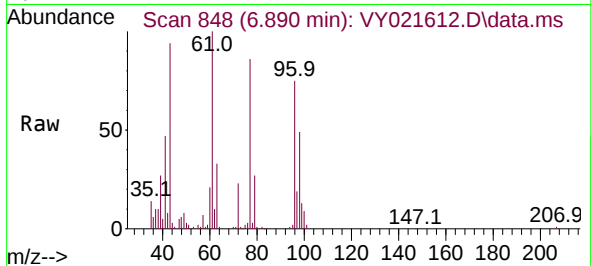




#25
2-Butanone
Concen: 103.372 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

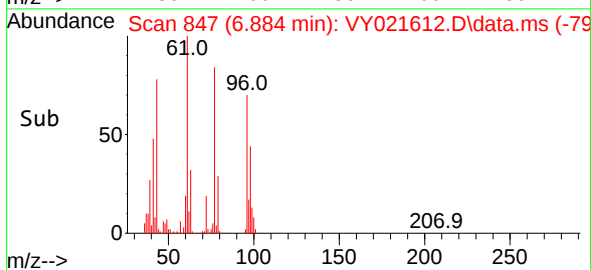
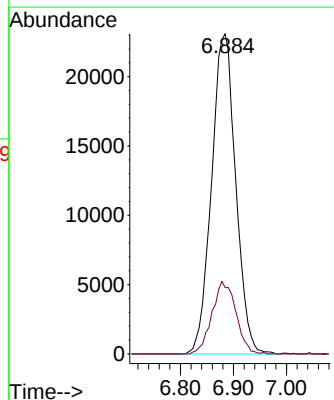
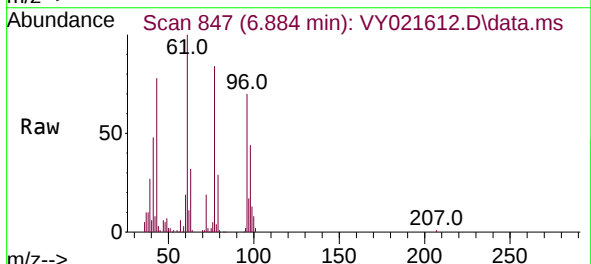
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion: 43 Resp: 65887
Ion Ratio Lower Upper
43 100
72 24.8 21.4 32.0



#26
2,2-Dichloropropane
Concen: 18.798 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 77 Resp: 72995
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8



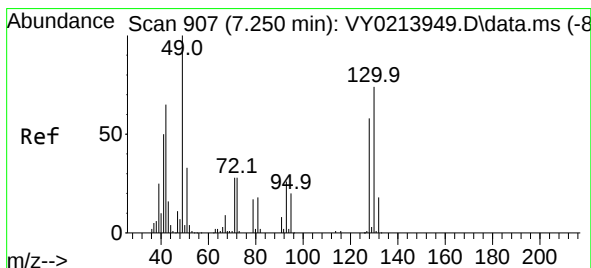
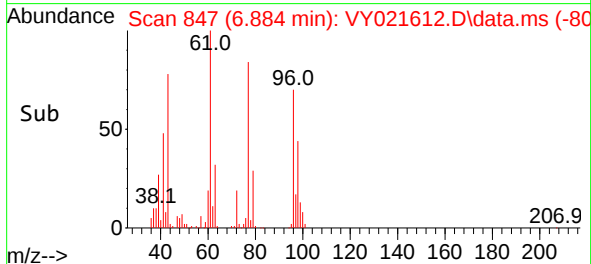
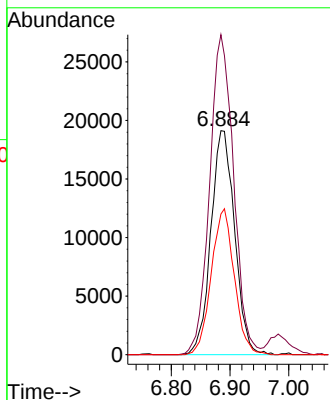
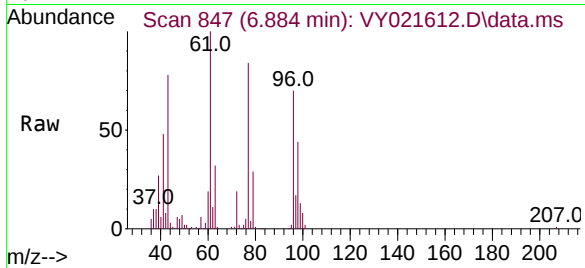


#27
 cis-1,2-Dichloroethene
 Concen: 20.558 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tgt Ion: 96 Resp: 53701

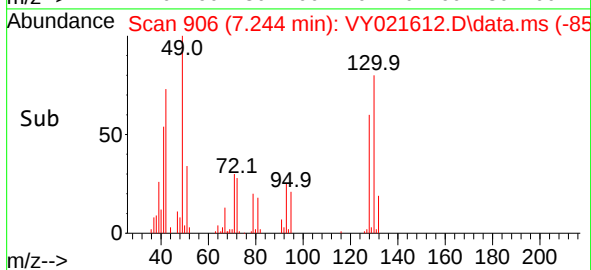
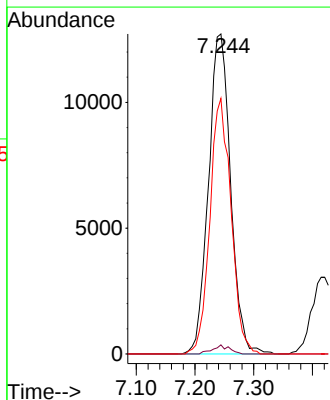
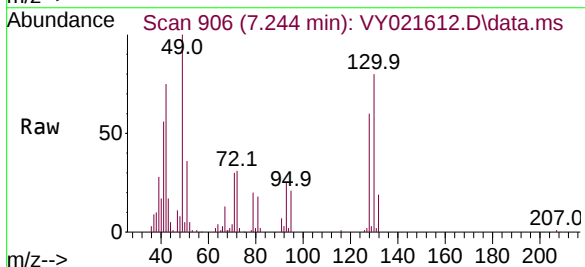
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	300.8
98	63.2	0.0	130.0

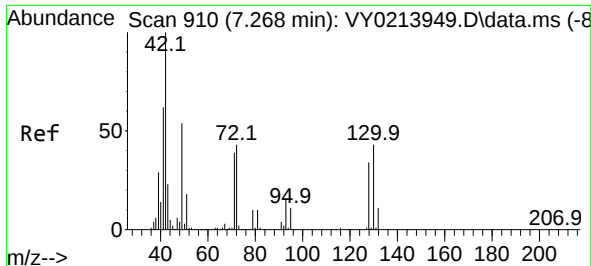


#28
 Bromochloromethane
 Concen: 18.798 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

Tgt Ion: 49 Resp: 33259

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	76.2	59.6	89.4





#29

Tetrahydrofuran

Concen: 110.533 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

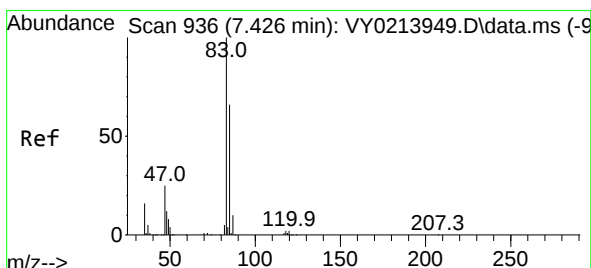
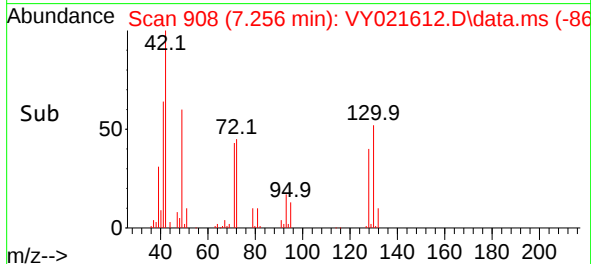
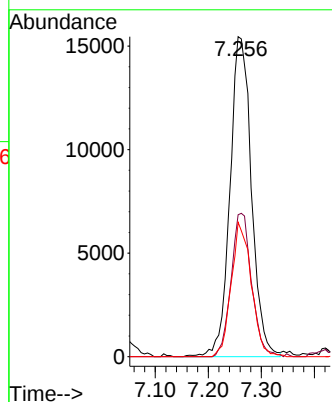
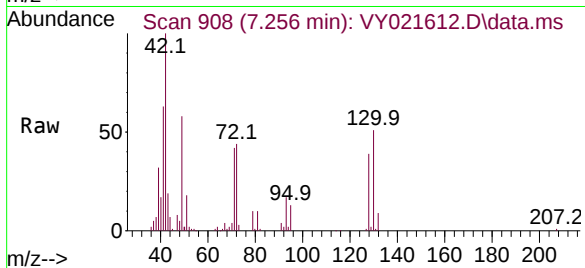
Tgt Ion: 42 Resp: 43493

Ion Ratio Lower Upper

42 100

72 42.7 34.8 52.2

71 39.3 32.6 48.8



#30

Chloroform

Concen: 21.395 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021612.D

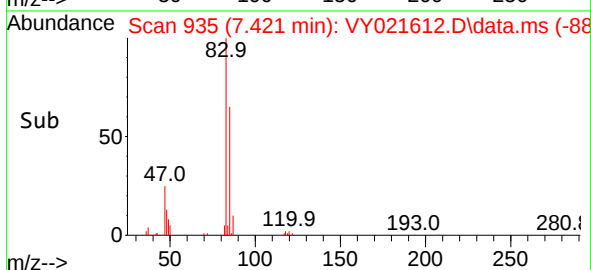
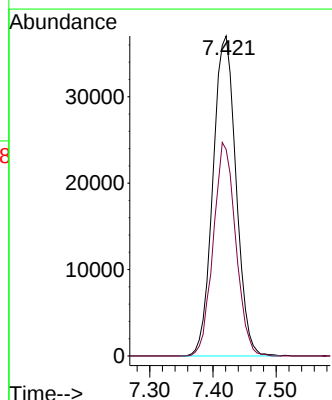
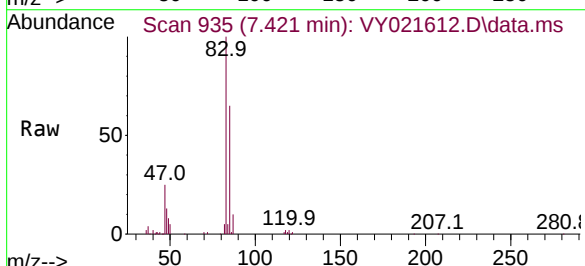
Acq: 24 Mar 2025 12:27

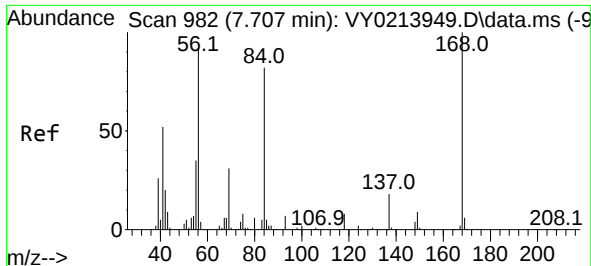
Tgt Ion: 83 Resp: 93757

Ion Ratio Lower Upper

83 100

85 64.5 53.1 79.7

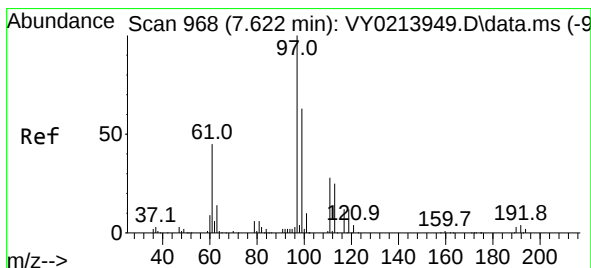
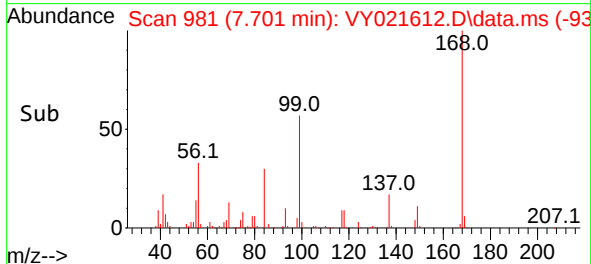
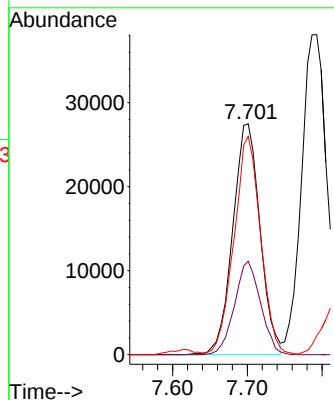
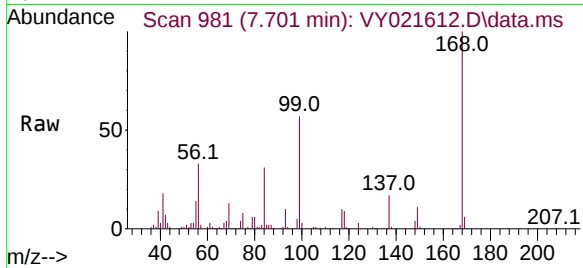




#31
Cyclohexane
Concen: 17.634 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

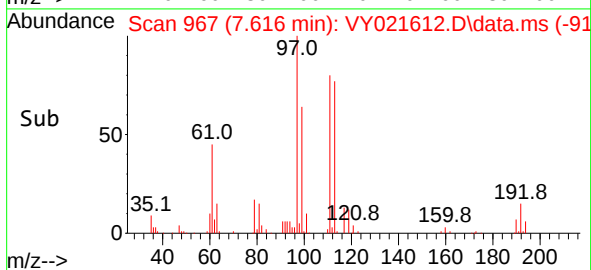
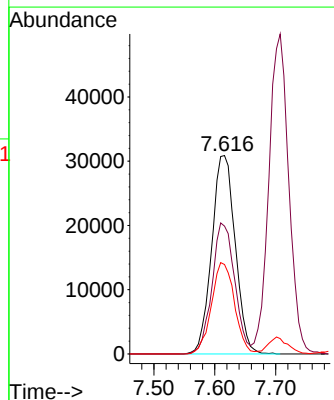
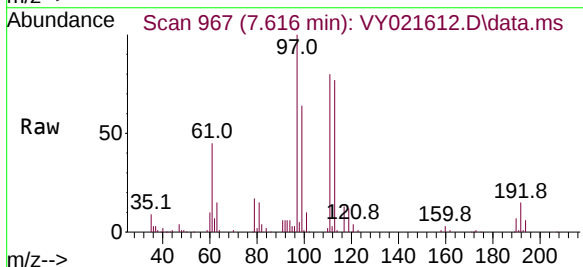
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

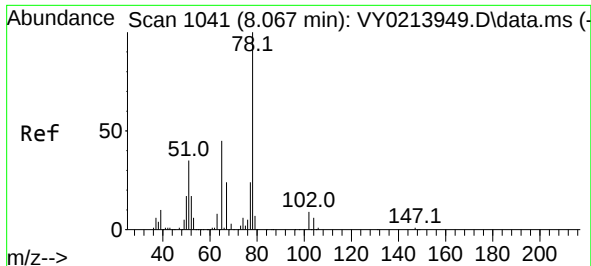
Tgt Ion: 56 Resp: 69767
Ion Ratio Lower Upper
56 100
69 40.5 27.0 40.4#
84 92.7 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 20.602 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 97 Resp: 82665
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 45.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 46.592 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

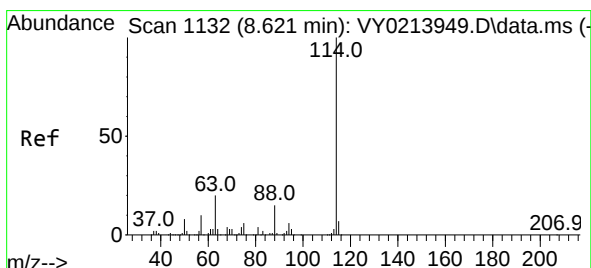
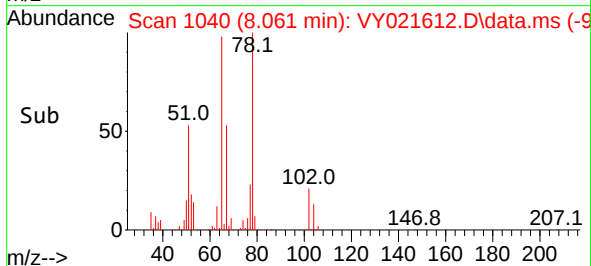
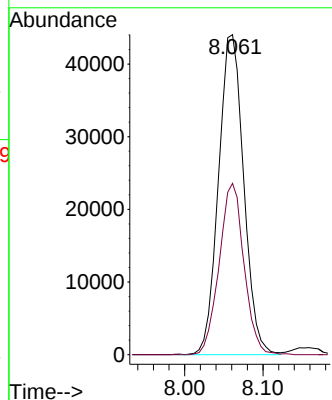
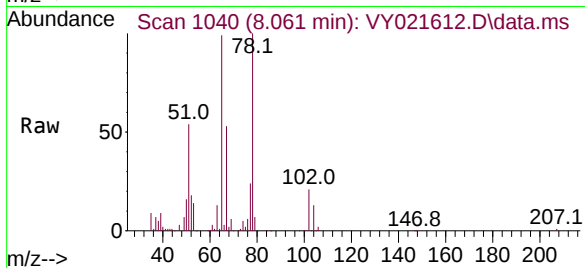
VY0324SBS01

Tgt Ion: 65 Resp: 98428

Ion Ratio Lower Upper

65 100

67 52.7 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: VY021612.D

Acq: 24 Mar 2025 12:27

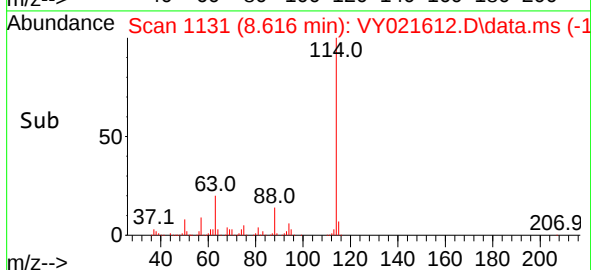
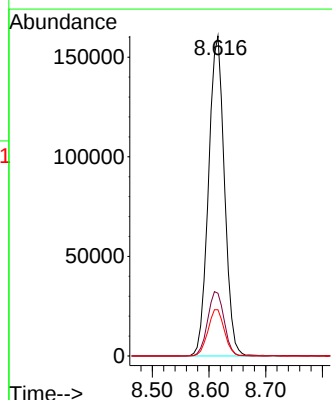
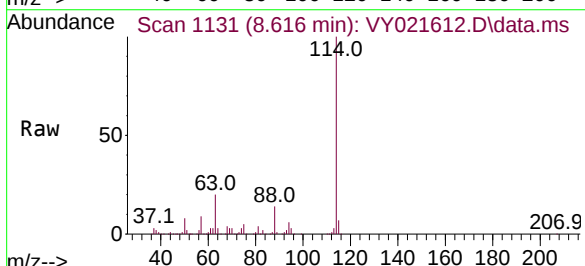
Tgt Ion: 114 Resp: 313175

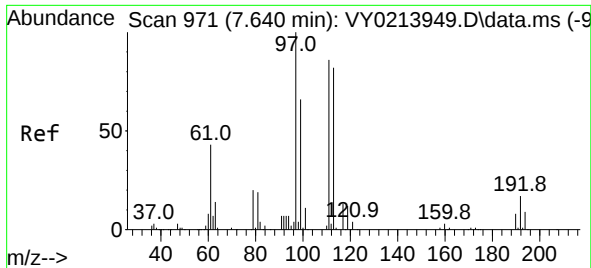
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 14.5 0.0 30.8

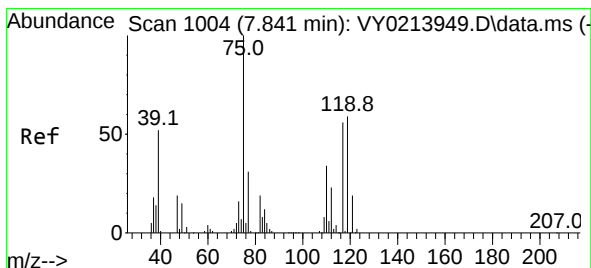
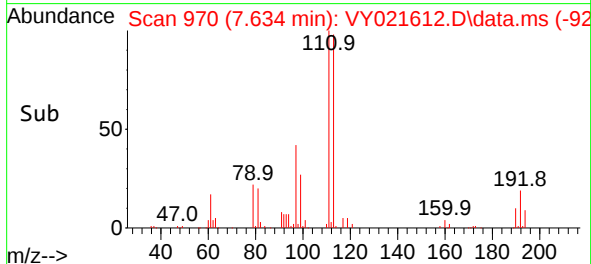
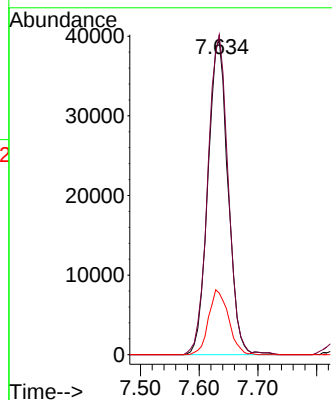
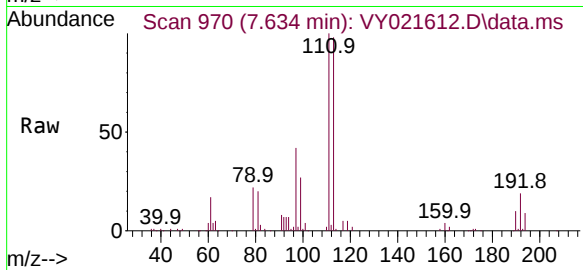




#35
Dibromofluoromethane
Concen: 45.607 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

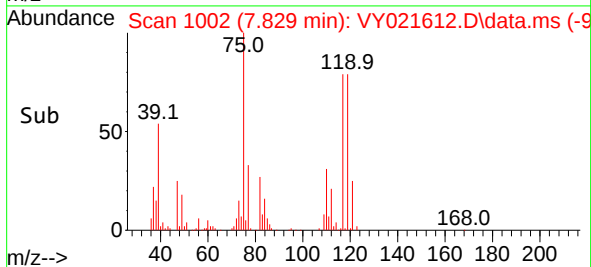
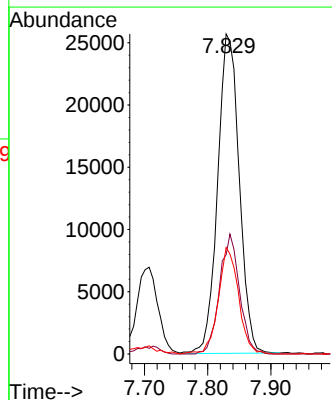
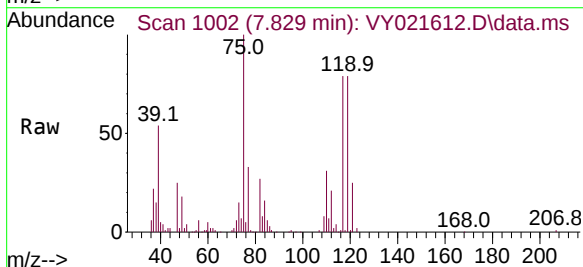
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

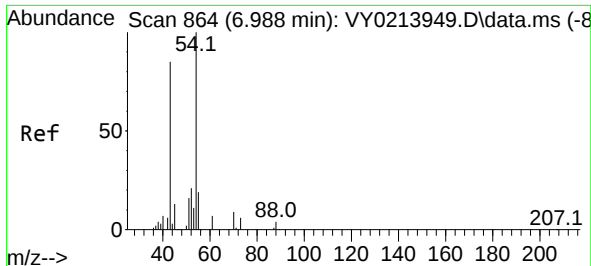
Tgt Ion:113 Resp: 93884
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.849 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 75 Resp: 60737
Ion Ratio Lower Upper
75 100
110 34.6 17.3 51.7
77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 21.036 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

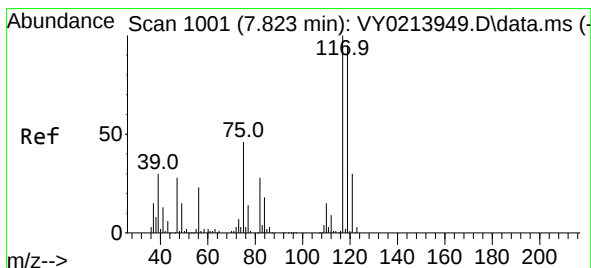
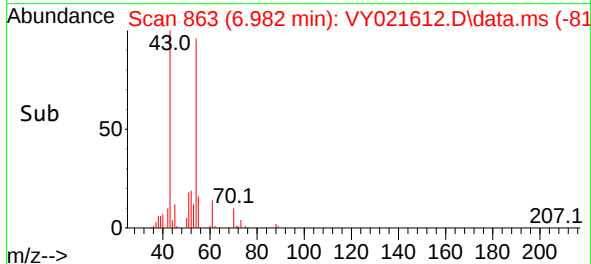
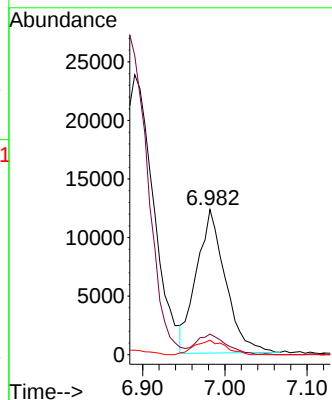
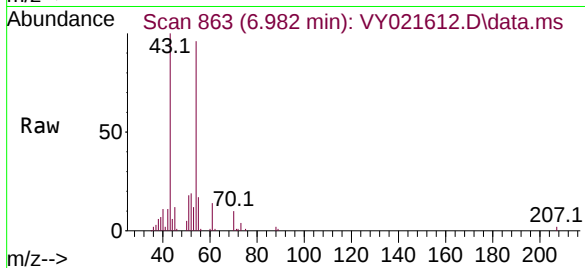
Tgt Ion: 43 Resp: 29959

Ion Ratio Lower Upper

43 100

61 14.6 11.4 17.0

70 10.7 8.2 12.2



#38

Carbon Tetrachloride

Concen: 20.026 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

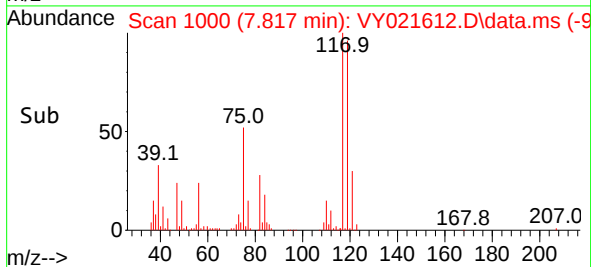
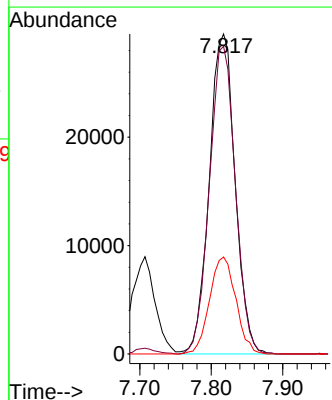
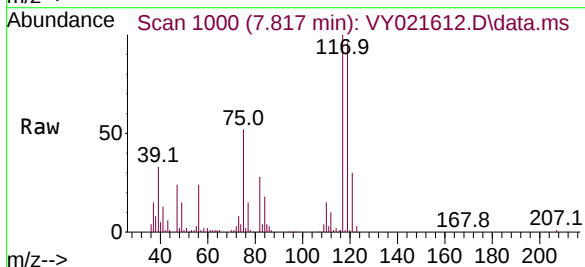
Tgt Ion:117 Resp: 74215

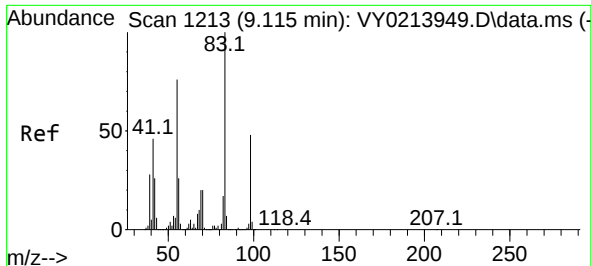
Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

121 30.3 23.9 35.9





#39

Methylcyclohexane

Concen: 17.673 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

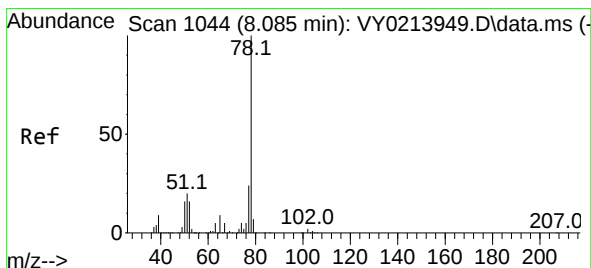
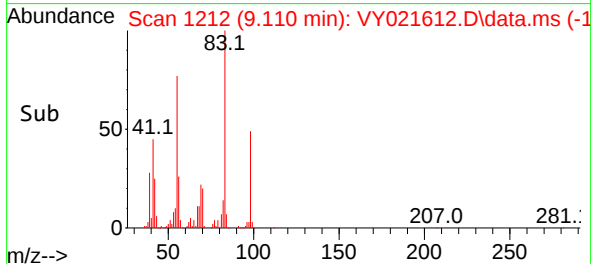
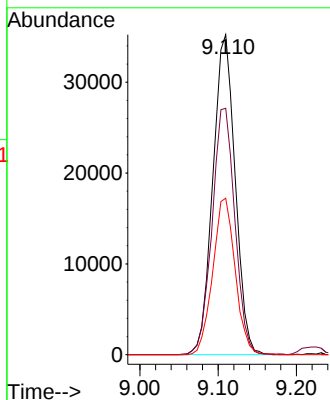
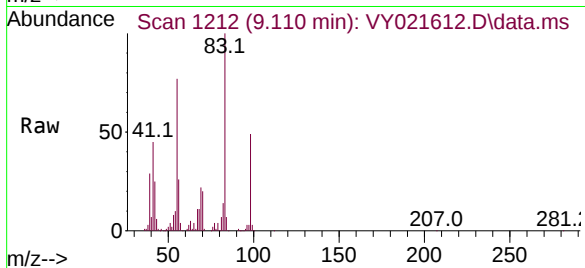
Tgt Ion: 83 Resp: 69854

Ion Ratio Lower Upper

83 100

55 77.0 60.7 91.1

98 48.9 38.6 57.8



#40

Benzene

Concen: 19.857 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021612.D

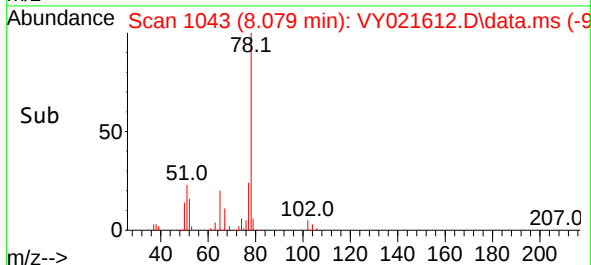
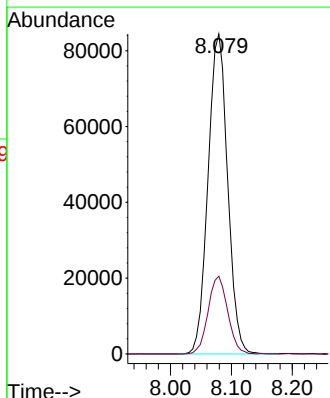
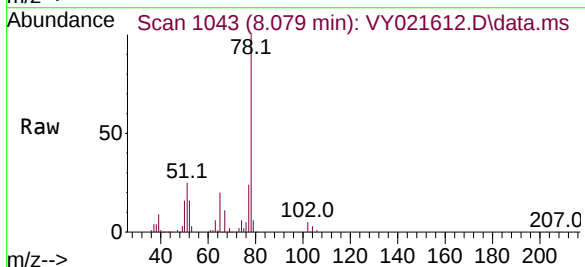
Acq: 24 Mar 2025 12:27

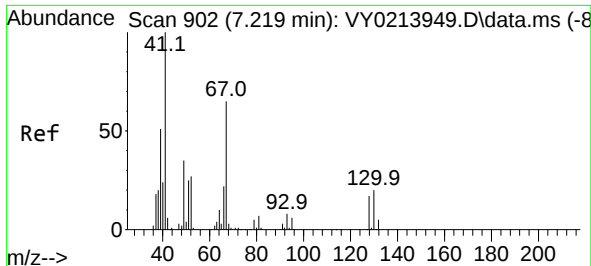
Tgt Ion: 78 Resp: 188484

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4

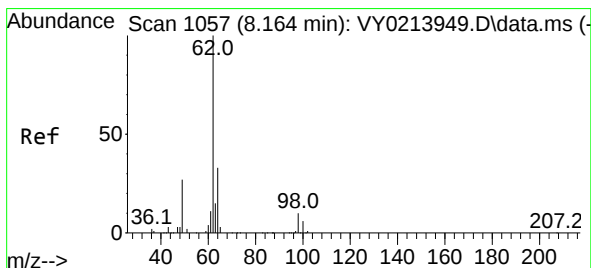
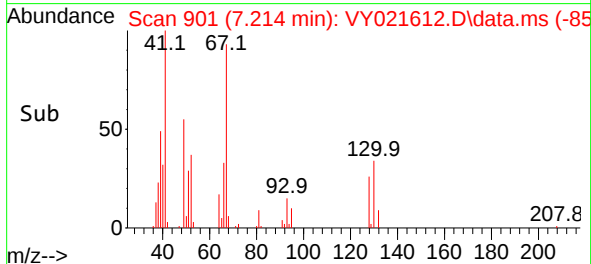
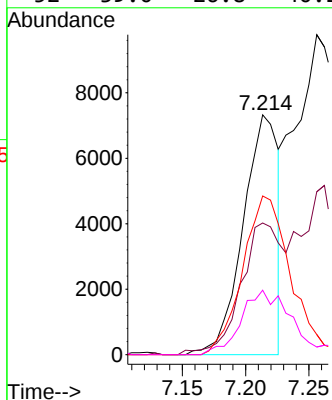
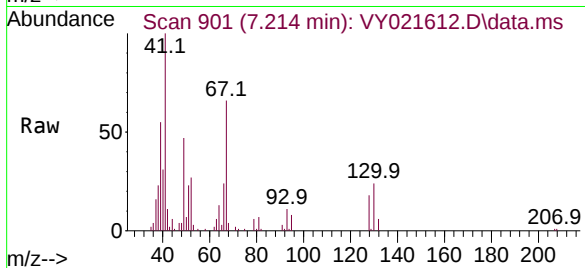




#41
Methacrylonitrile
Concen: 18.327 ug/l
RT: 7.214 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

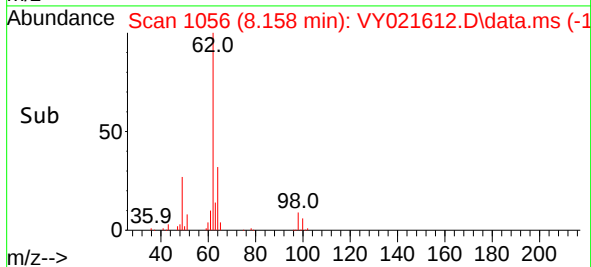
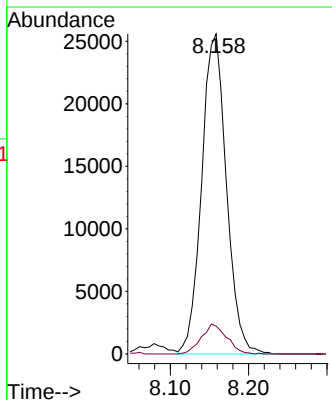
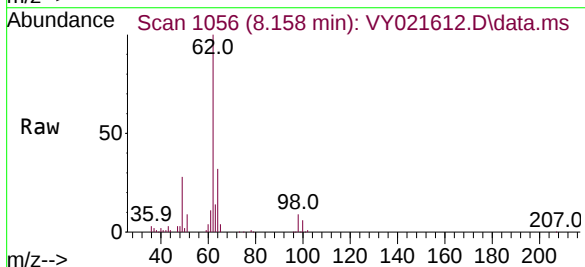
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

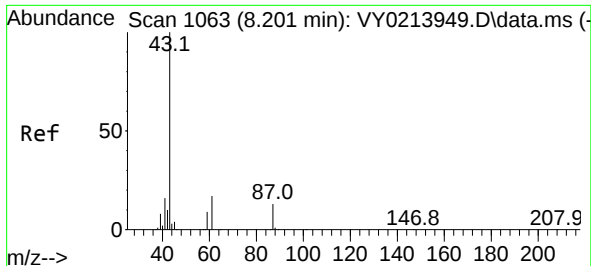
Tgt Ion:	41	Resp:	14212
Ion	Ratio	Lower	Upper
41	100		
39	66.0	35.0	52.6#
67	90.9	61.2	91.8
52	39.0	26.8	40.2



#42
1,2-Dichloroethane
Concen: 21.167 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion:	62	Resp:	56207
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2

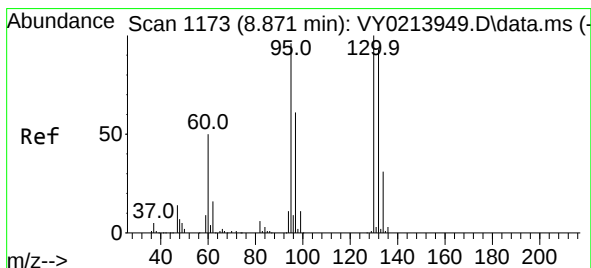
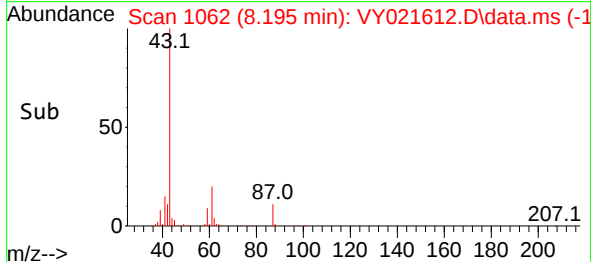
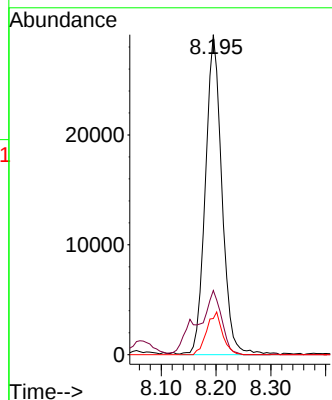
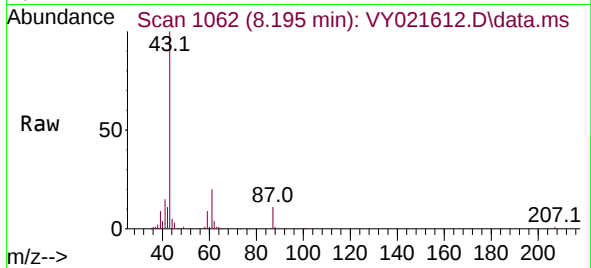




#43
Isopropyl Acetate
Concen: 21.999 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

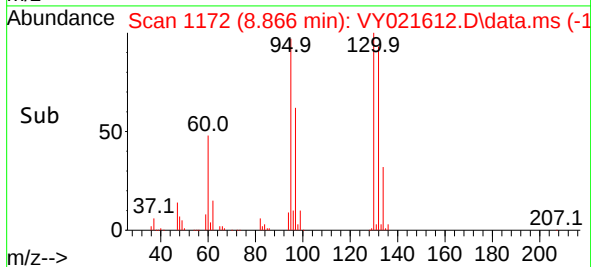
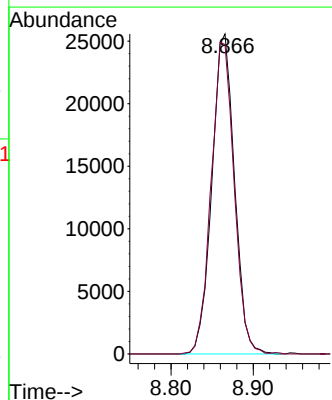
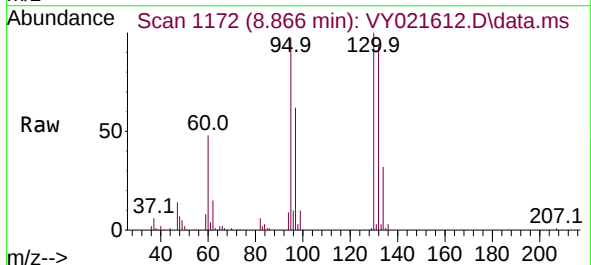
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion: 43 Resp: 60821
Ion Ratio Lower Upper
43 100
61 19.0 23.4 35.0#
87 12.7 10.5 15.7



#44
Trichloroethene
Concen: 20.364 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion:130 Resp: 48845
Ion Ratio Lower Upper
130 100
95 96.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.883 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

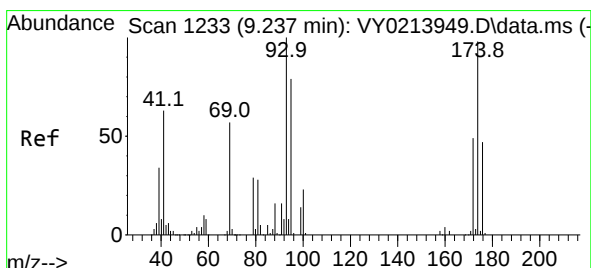
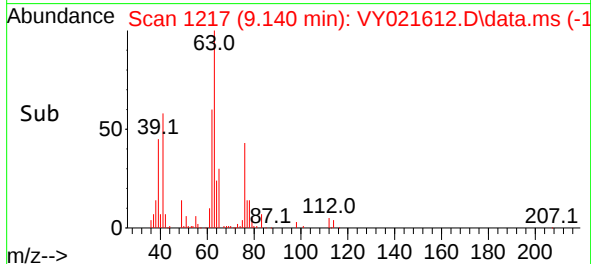
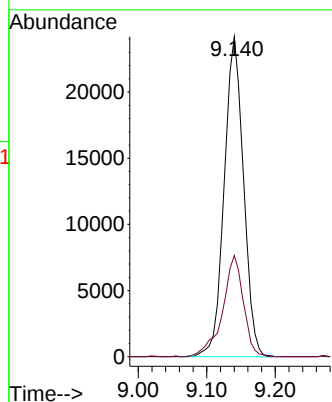
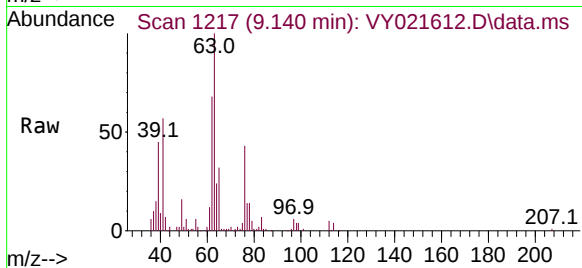
VY0324SBS01

Tgt Ion: 63 Resp: 47178

Ion Ratio Lower Upper

63 100

65 31.6 26.0 39.0



#46

Dibromomethane

Concen: 20.952 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

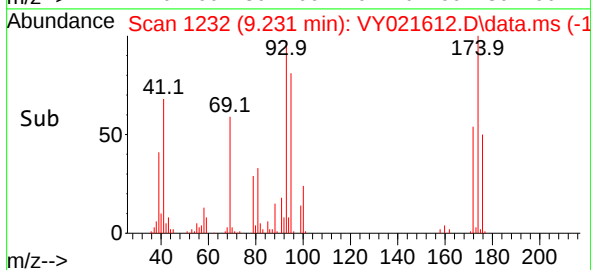
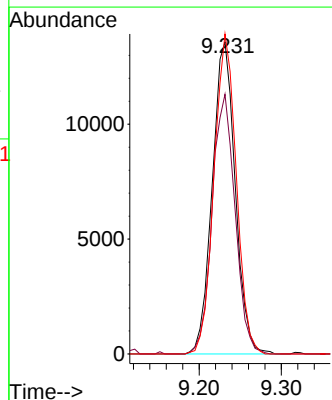
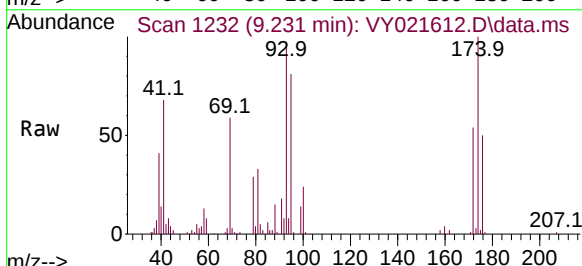
Tgt Ion: 93 Resp: 26337

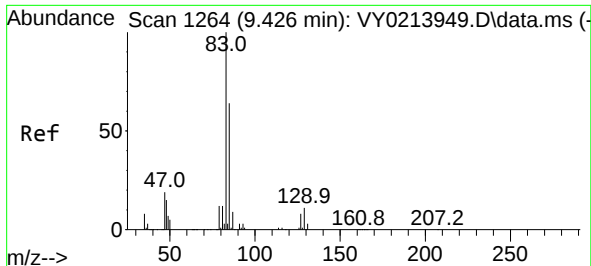
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 99.6 77.9 116.9

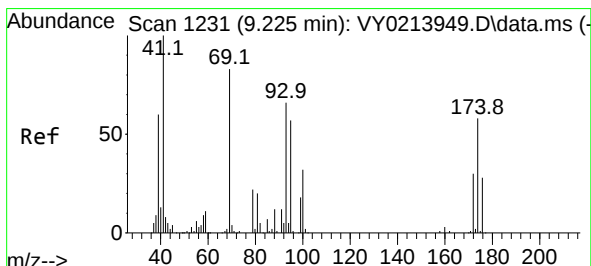
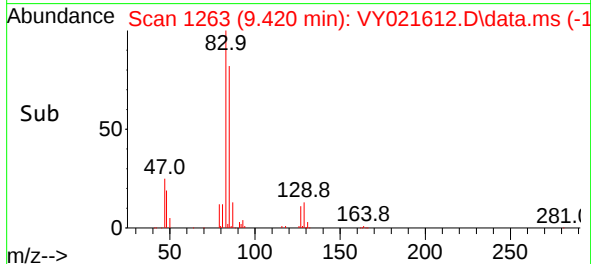
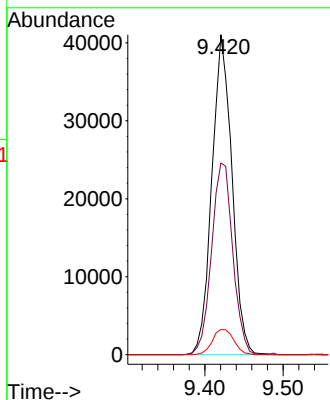
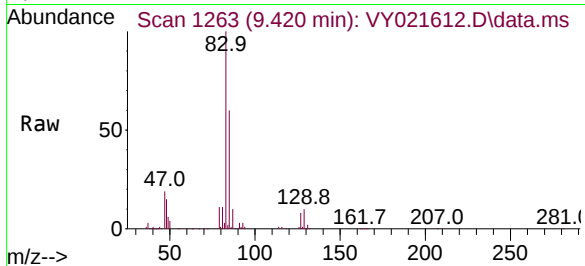




#47
Bromodichloromethane
Concen: 21.887 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

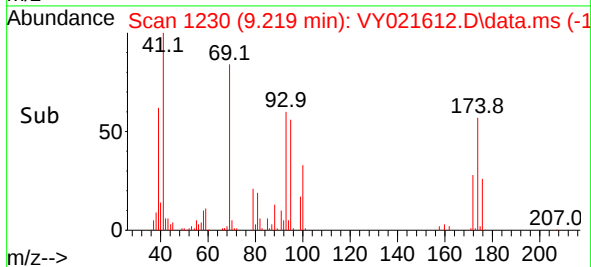
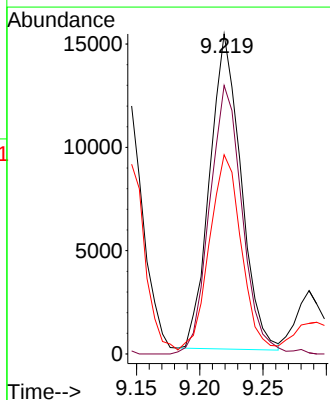
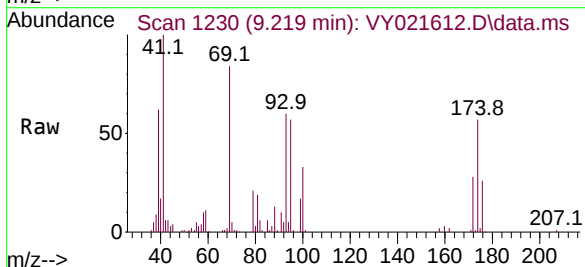
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

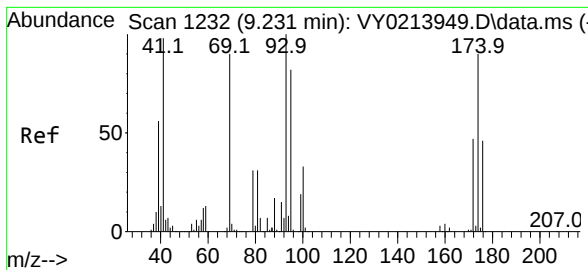
Tgt Ion: 83 Resp: 73063
Ion Ratio Lower Upper
83 100
85 59.9 51.1 76.7
127 7.9 6.7 10.1



#48
Methyl methacrylate
Concen: 20.625 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 41 Resp: 26184
Ion Ratio Lower Upper
41 100
69 89.0 67.8 101.8
39 65.9 46.4 69.6

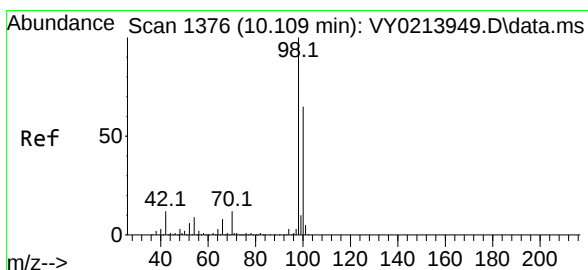
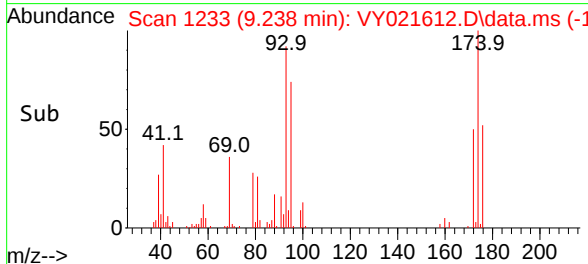
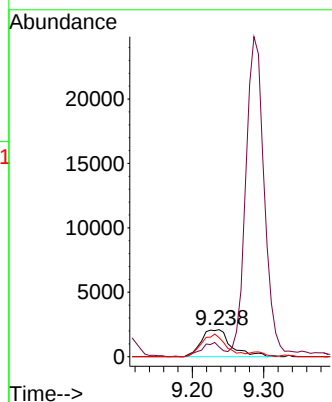
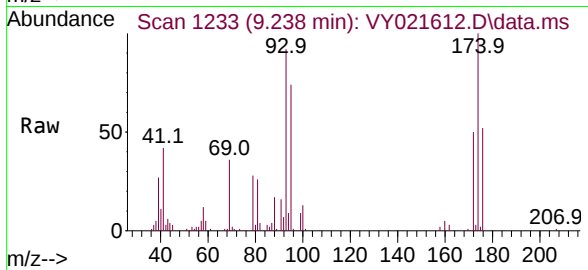




#49
1,4-Dioxane
Concen: 494.900 ug/l
RT: 9.238 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

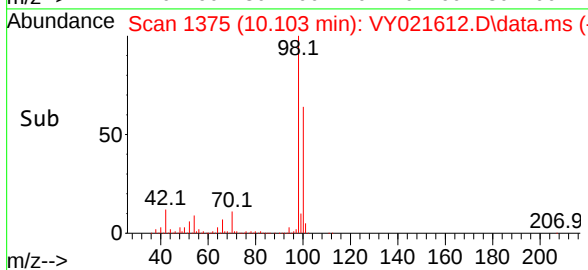
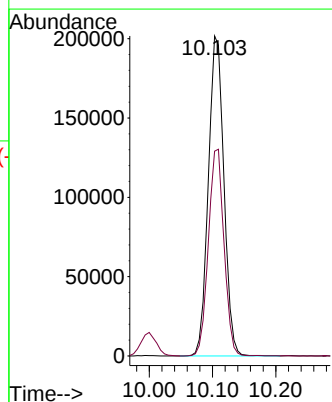
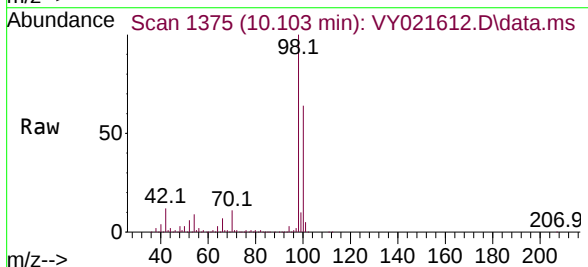
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

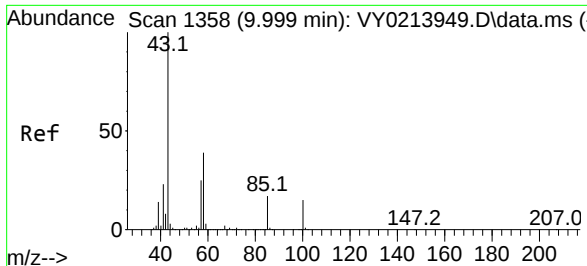
Tgt Ion: 88 Resp: 6106
Ion Ratio Lower Upper
88 100
43 35.3 25.0 37.4
58 68.4 58.4 87.6



#50
Toluene-d8
Concen: 44.343 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 98 Resp: 345626
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

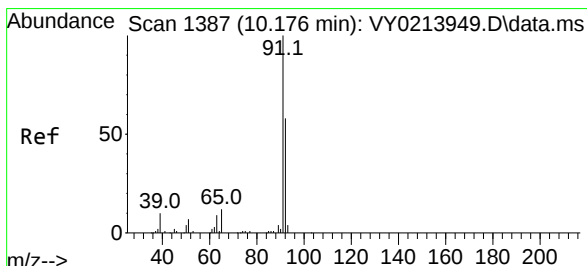
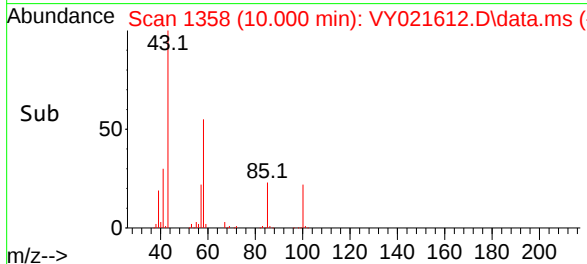
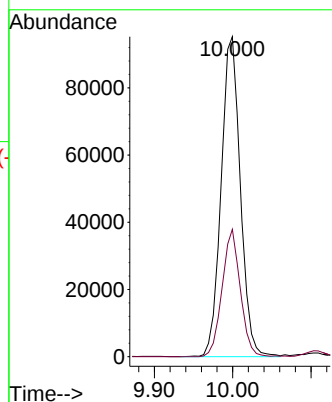
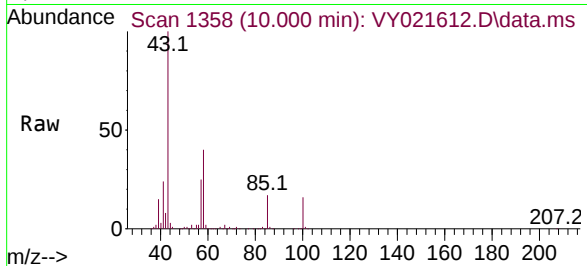




#51
4-Methyl-2-Pentanone
Concen: 113.877 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

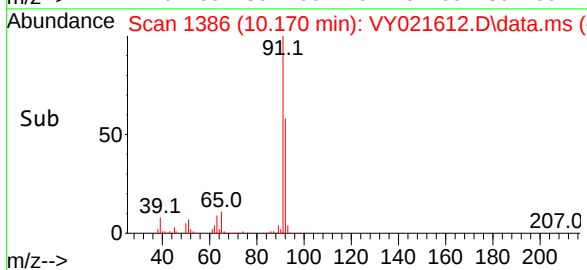
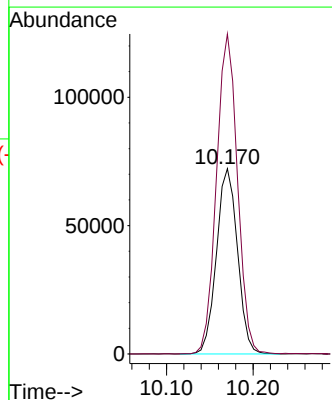
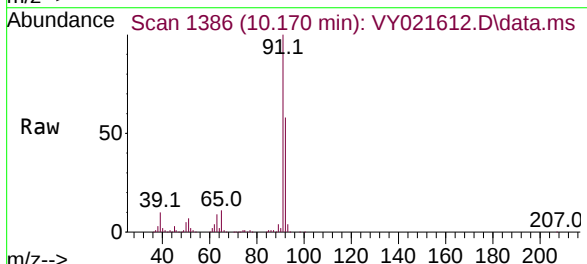
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

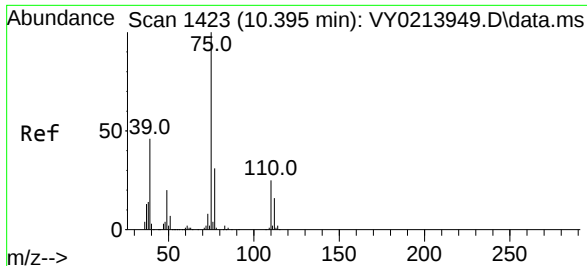
Tgt Ion: 43 Resp: 162447
Ion Ratio Lower Upper
43 100
58 37.7 31.4 47.2



#52
Toluene
Concen: 20.331 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 92 Resp: 121669
Ion Ratio Lower Upper
92 100
91 172.5 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 20.837 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

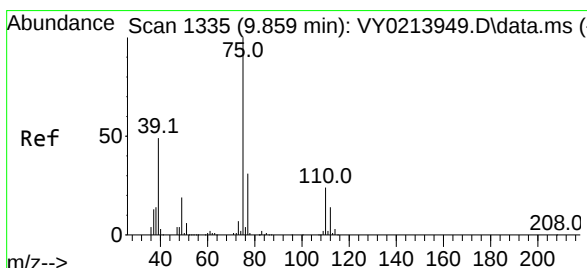
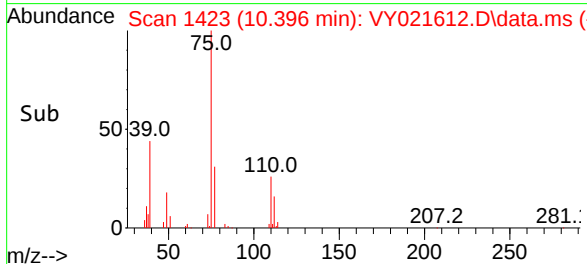
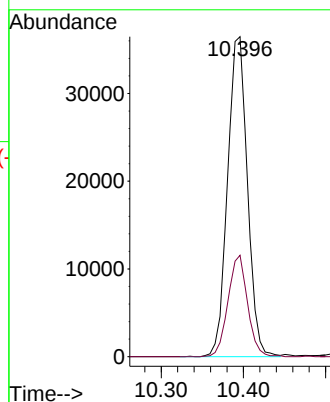
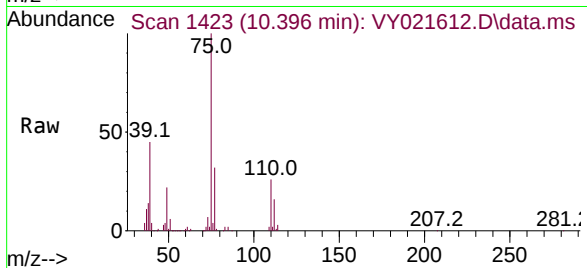
VY0324SBS01

Tgt Ion: 75 Resp: 61282

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.445 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

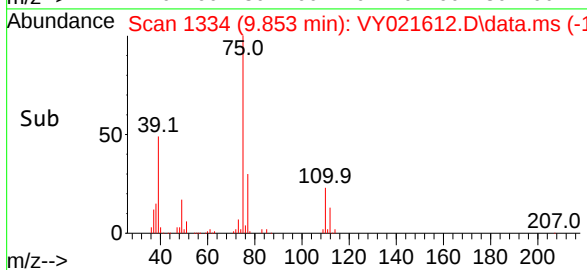
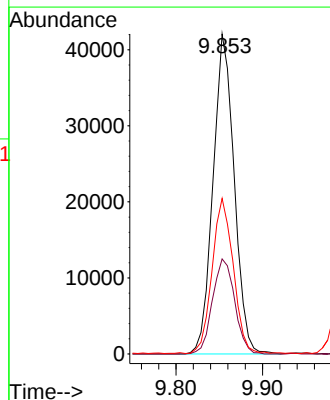
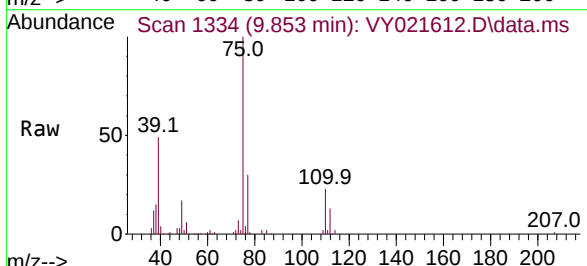
Tgt Ion: 75 Resp: 71389

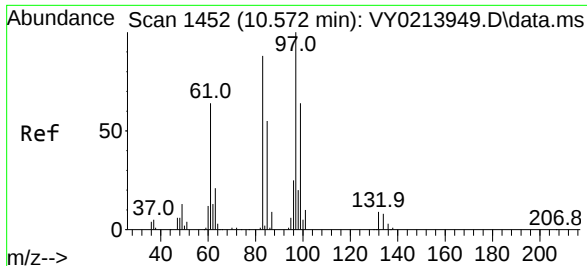
Ion Ratio Lower Upper

75 100

77 29.7 24.6 37.0

39 48.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 22.542 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tgt Ion: 97 Resp: 37065

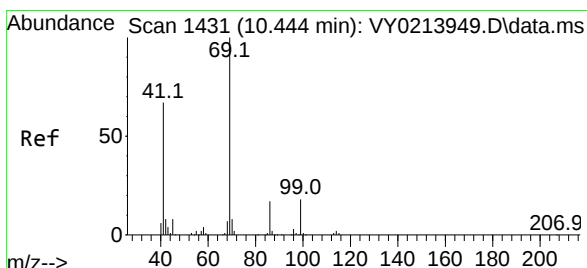
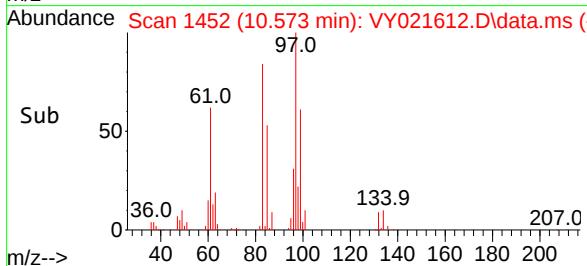
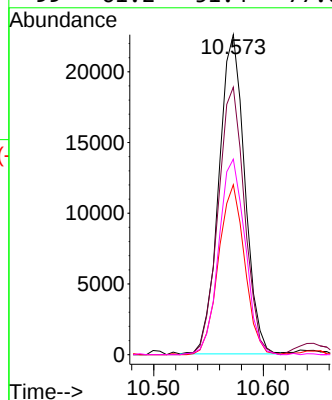
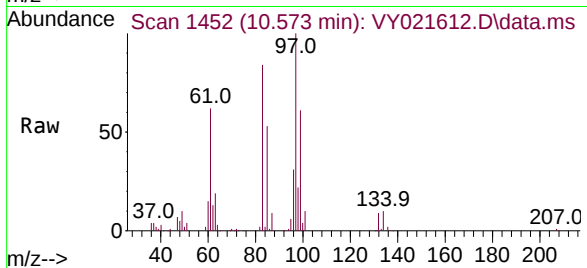
Ion Ratio Lower Upper

97 100

83 83.8 70.0 105.0

85 53.2 44.3 66.5

99 61.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 20.904 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

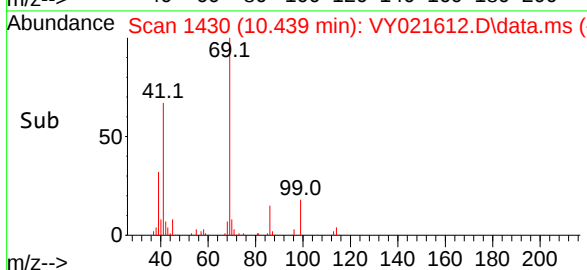
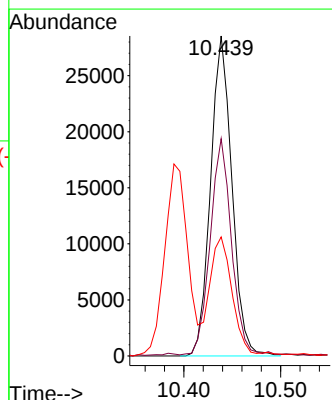
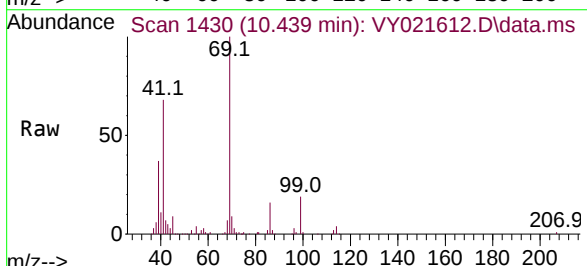
Tgt Ion: 69 Resp: 43836

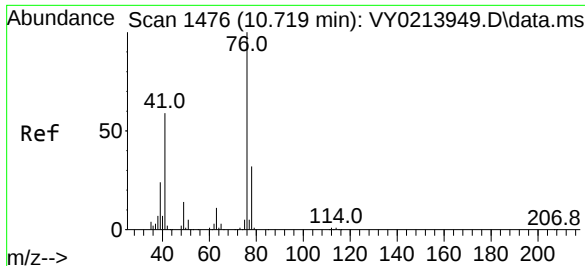
Ion Ratio Lower Upper

69 100

41 67.6 53.3 79.9

39 39.2 31.0 46.6





#57

1,3-Dichloropropane

Concen: 21.616 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

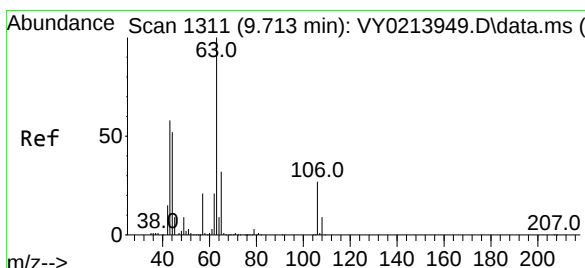
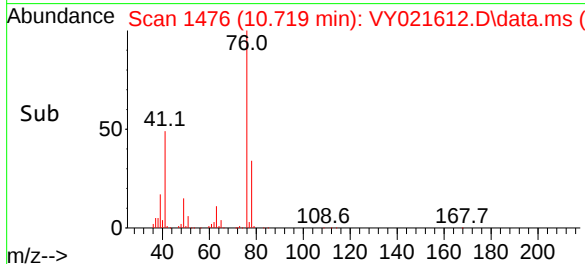
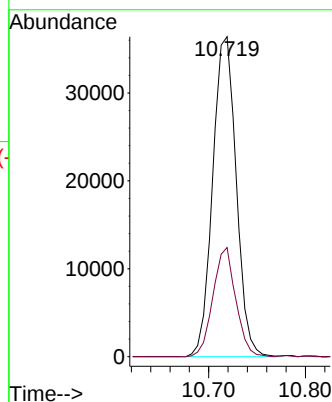
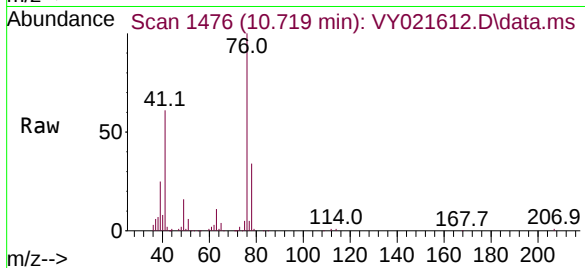
VY0324SBS01

Tgt Ion: 76 Resp: 61603

Ion Ratio Lower Upper

76 100

78 33.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 104.878 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021612.D

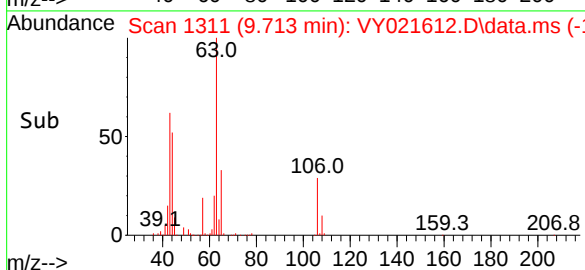
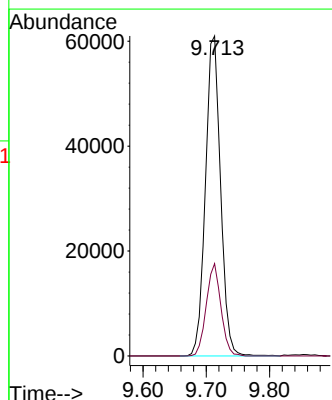
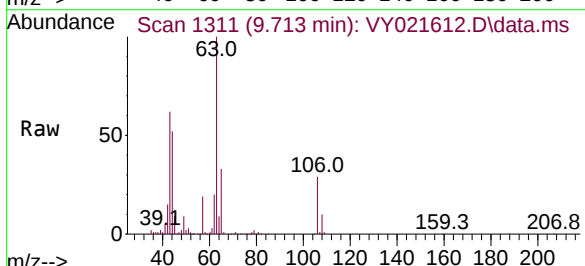
Acq: 24 Mar 2025 12:27

Tgt Ion: 63 Resp: 101527

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

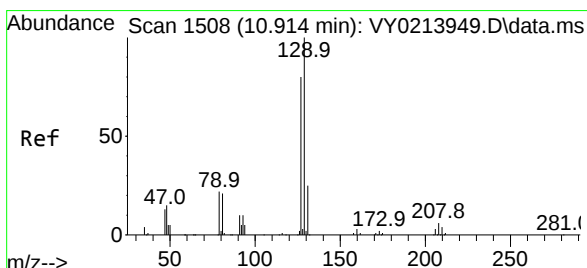
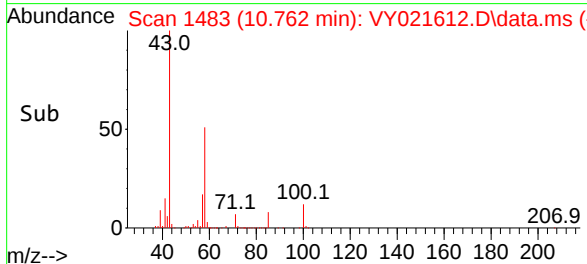
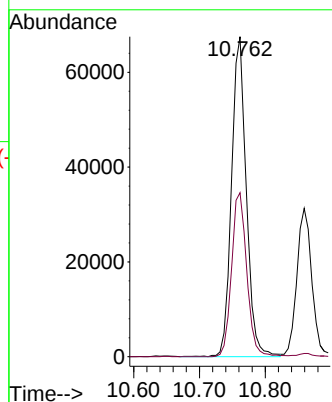
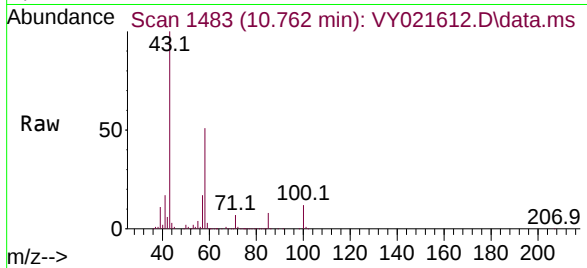




#59
2-Hexanone
Concen: 111.693 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

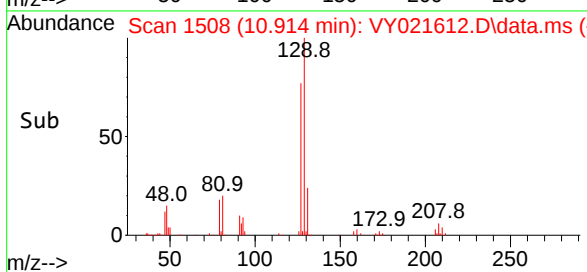
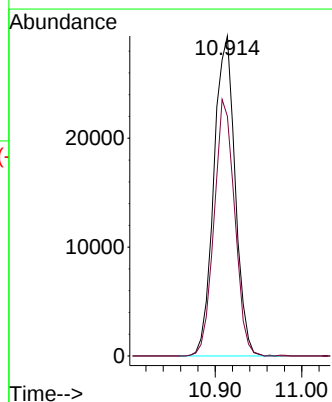
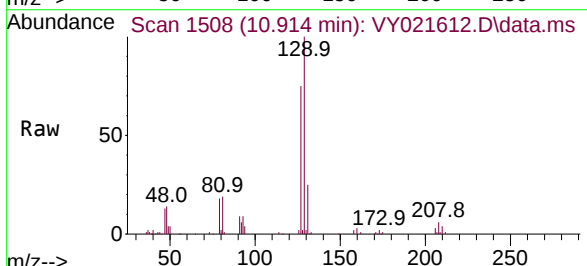
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

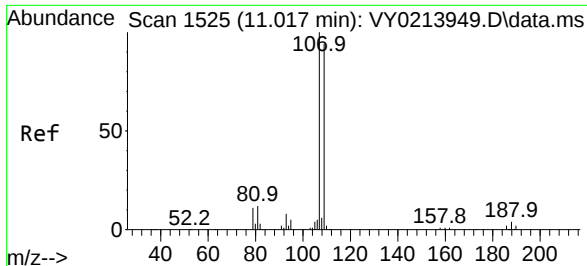
Tgt Ion: 43 Resp: 105354
Ion Ratio Lower Upper
43 100
58 52.9 27.3 81.8



#60
Dibromochloromethane
Concen: 22.207 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 129 Resp: 50059
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3

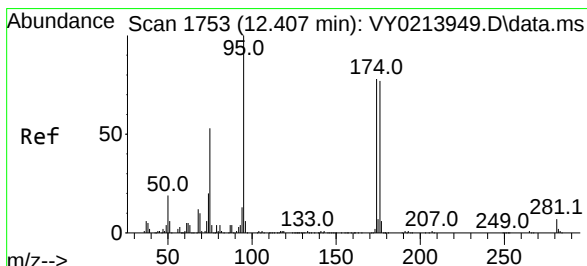
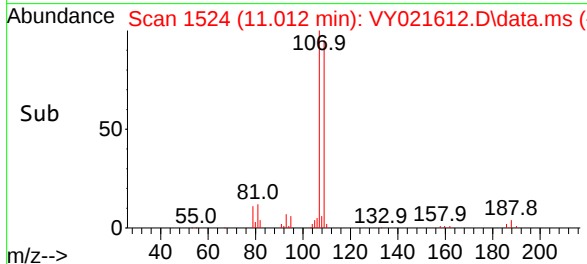
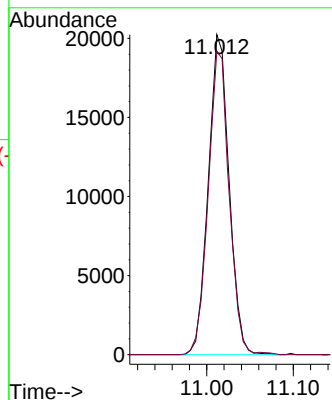
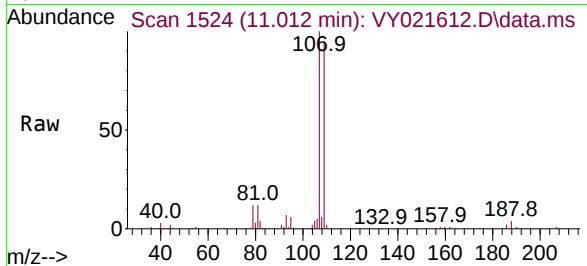




#61
1,2-Dibromoethane
Concen: 21.738 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

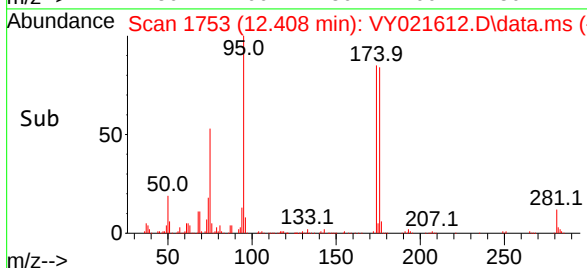
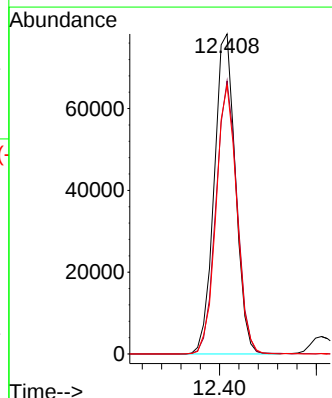
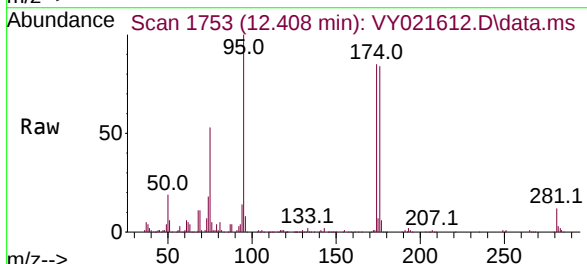
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

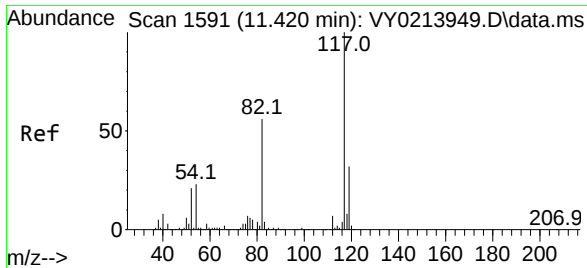
Tgt Ion:107 Resp: 33734
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 44.981 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 95 Resp: 119258
Ion Ratio Lower Upper
95 100
174 84.5 0.0 165.0
176 82.3 0.0 160.0

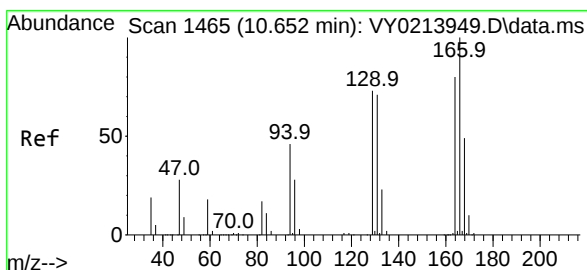
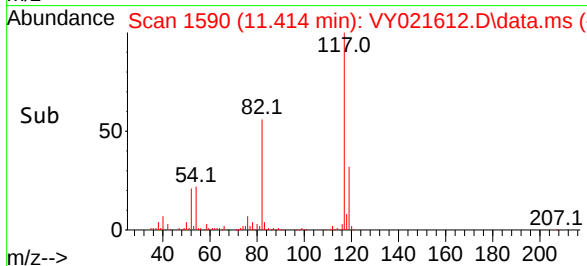
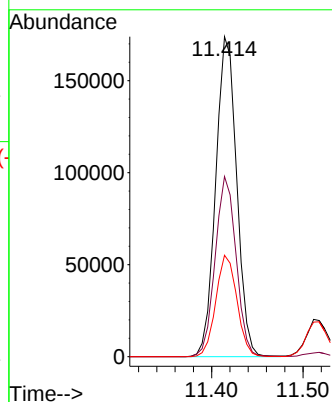
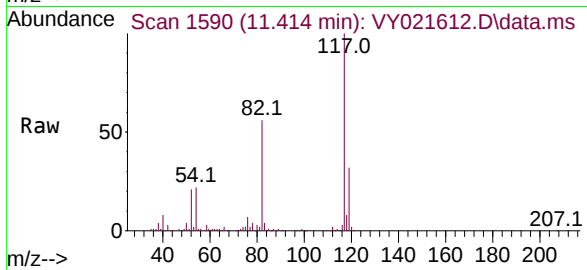




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

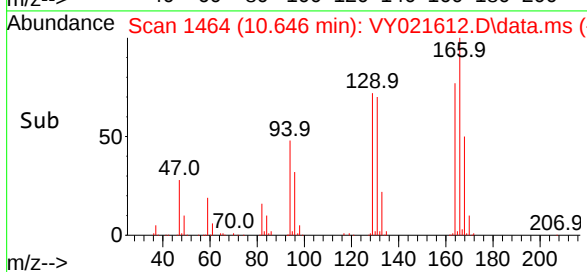
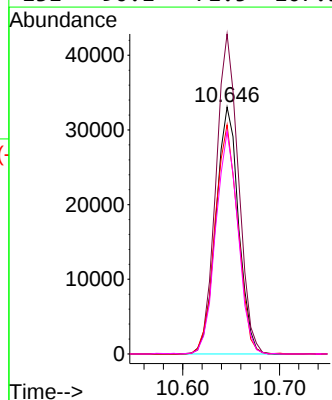
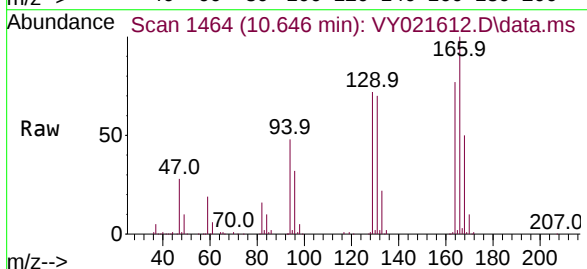
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

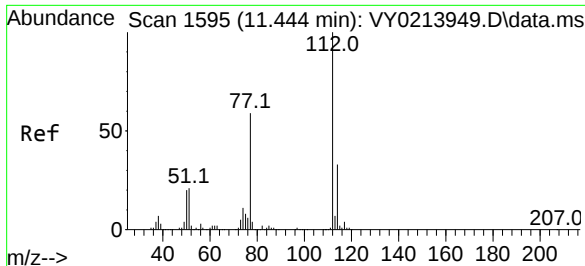
Tgt Ion:117 Resp: 277576
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 23.814 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion:164 Resp: 53752
Ion Ratio Lower Upper
164 100
166 129.6 100.4 150.6
129 92.8 73.8 110.8
131 90.1 71.5 107.3

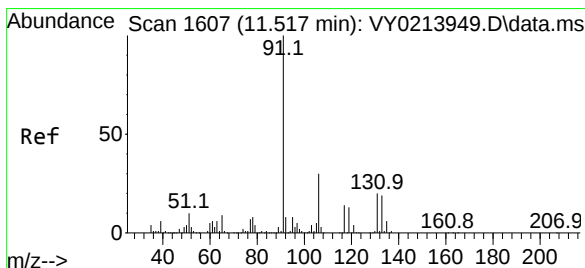
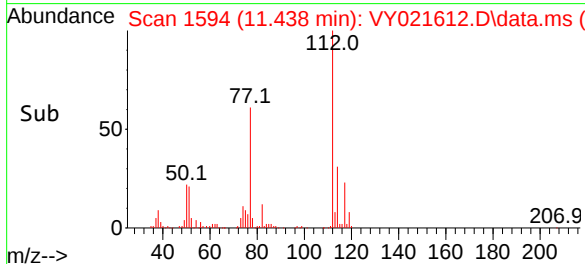
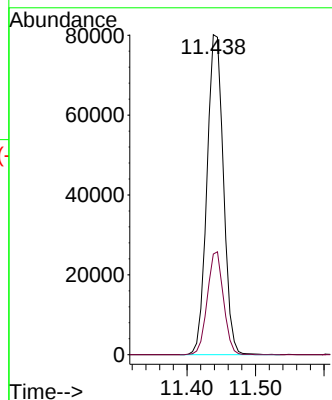
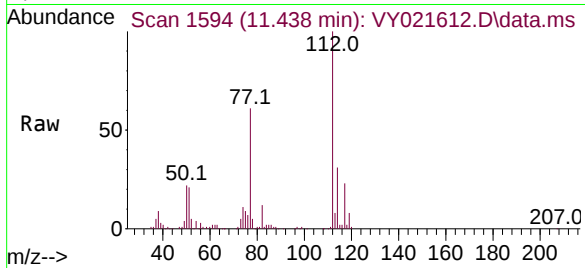




#65
Chlorobenzene
Concen: 20.450 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

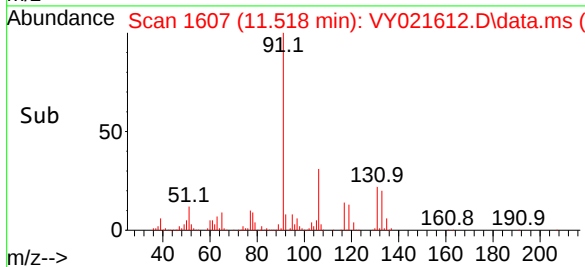
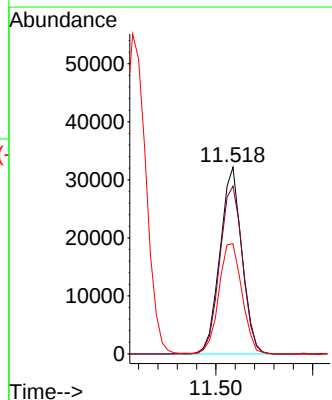
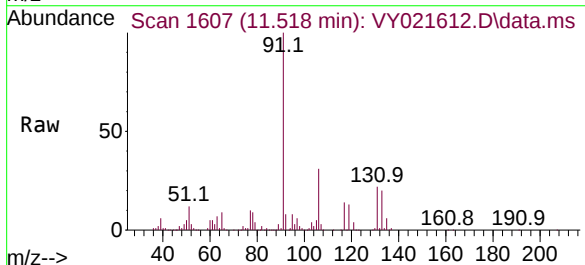
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

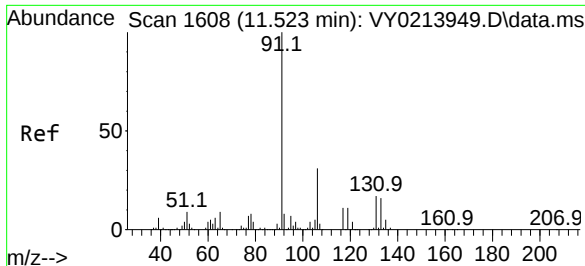
Tgt Ion:112 Resp: 134044
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.780 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion:131 Resp: 50475
Ion Ratio Lower Upper
131 100
133 94.1 47.6 142.9
119 62.7 32.3 96.9





#67

Ethyl Benzene

Concen: 19.405 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

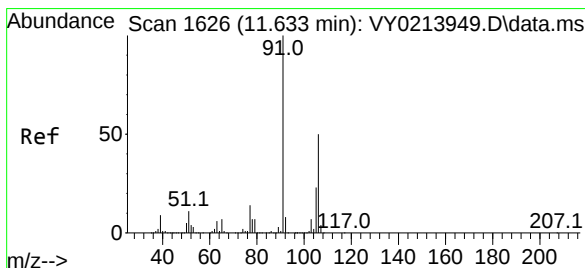
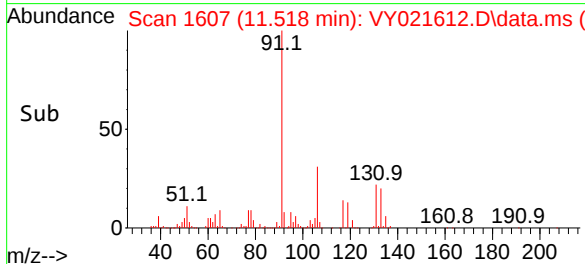
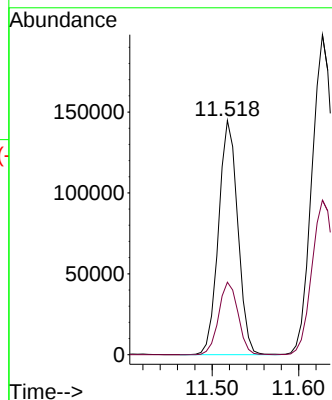
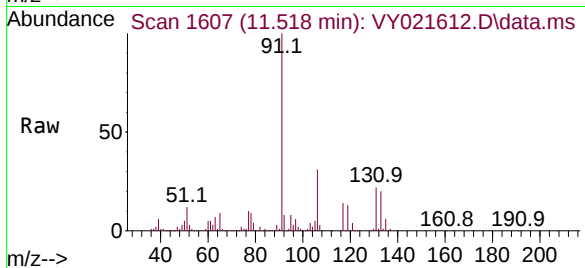
VY0324SBS01

Tgt Ion: 91 Resp: 223252

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 39.763 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021612.D

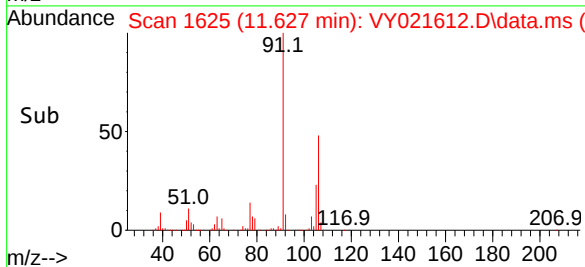
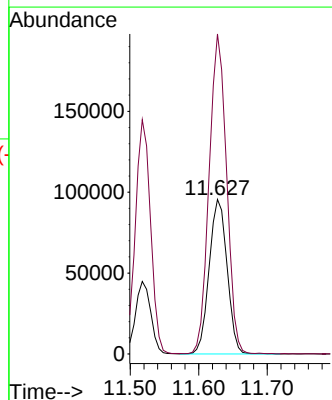
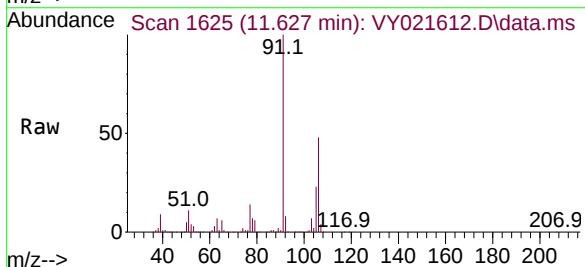
Acq: 24 Mar 2025 12:27

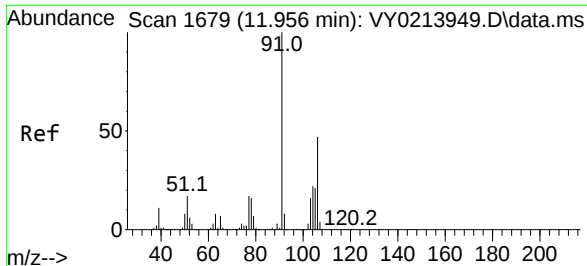
Tgt Ion:106 Resp: 173682

Ion Ratio Lower Upper

106 100

91 201.4 161.7 242.5





#69

o-Xylene

Concen: 20.269 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

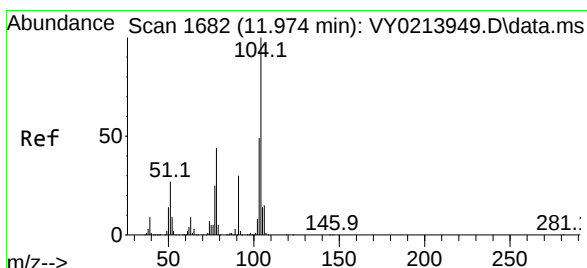
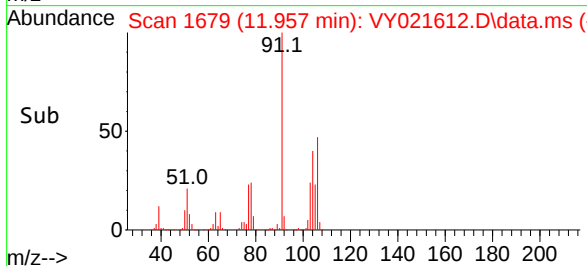
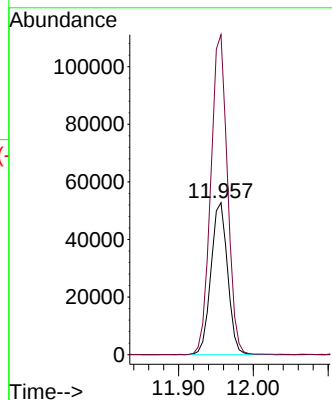
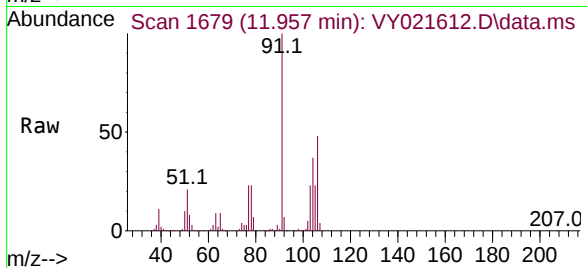
VY0324SBS01

Tgt Ion:106 Resp: 81595

Ion Ratio Lower Upper

106 100

91 211.4 107.6 322.8



#70

Styrene

Concen: 20.511 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

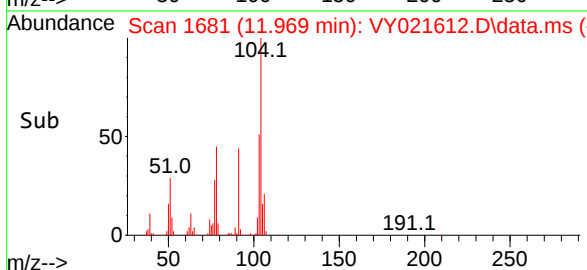
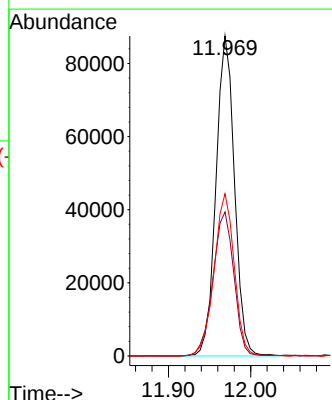
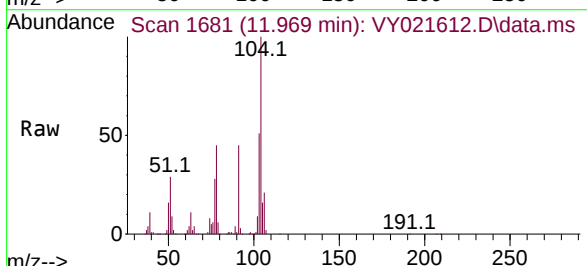
Tgt Ion:104 Resp: 136978

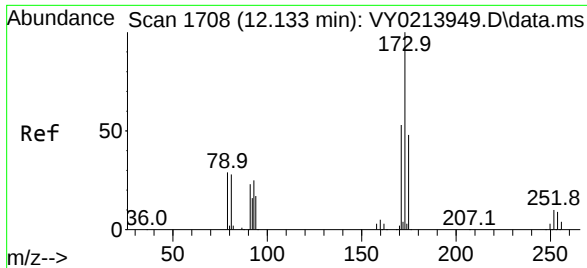
Ion Ratio Lower Upper

104 100

78 50.9 40.7 61.1

103 55.3 44.1 66.1

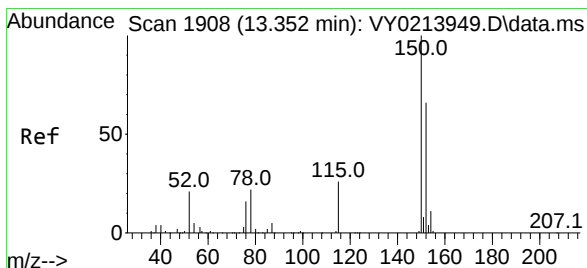
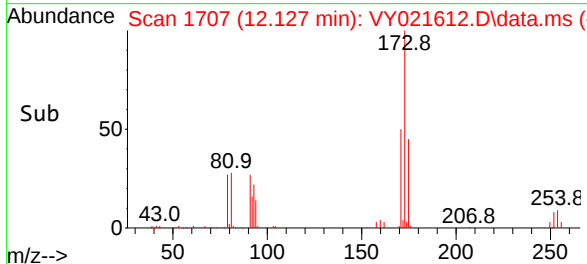
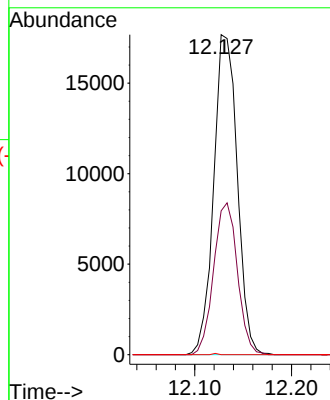
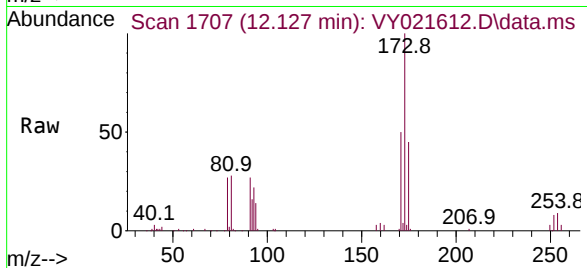




#71
Bromoform
Concen: 23.080 ug/l
RT: 12.127 min Scan# 1707
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

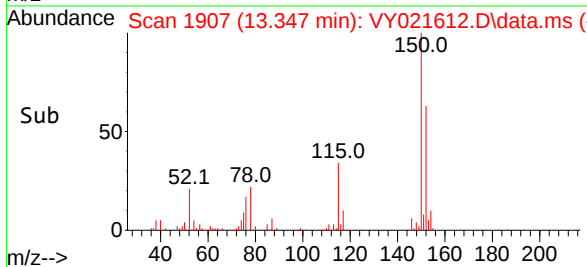
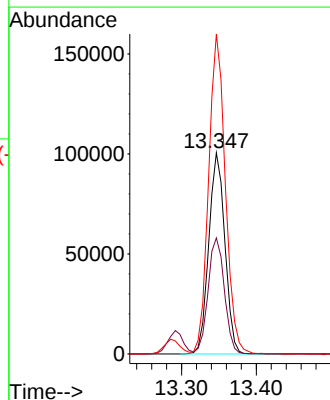
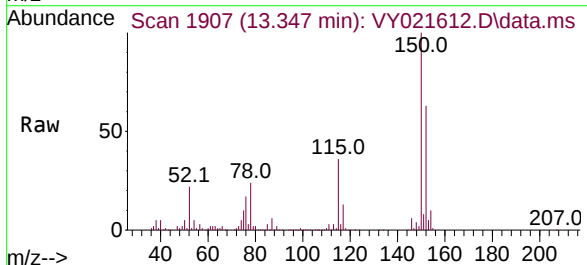
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion:173 Resp: 29900
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion:152 Resp: 150494
Ion Ratio Lower Upper
152 100
115 58.3 29.0 87.0
150 165.2 0.0 347.2

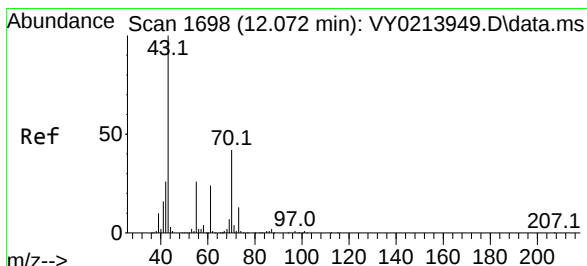
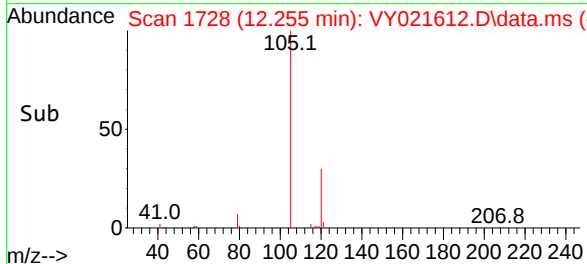
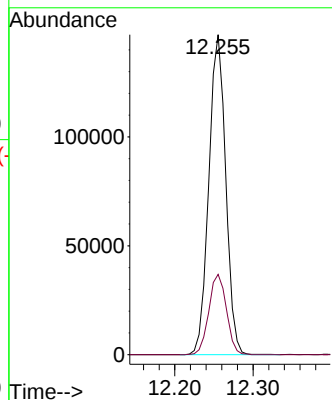
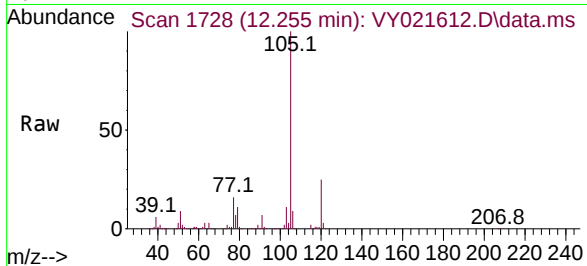




#73
Isopropylbenzene
Concen: 18.532 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

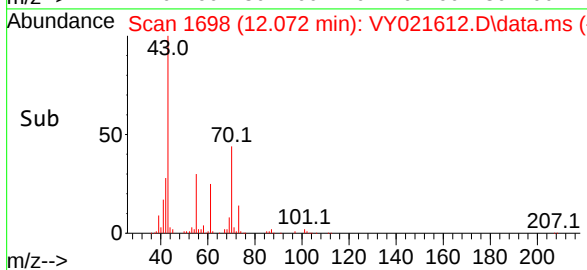
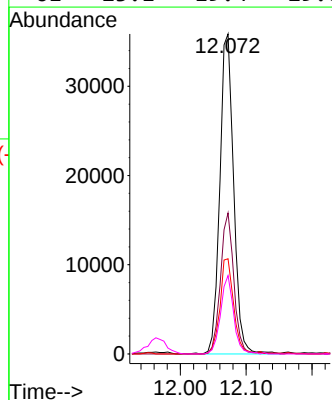
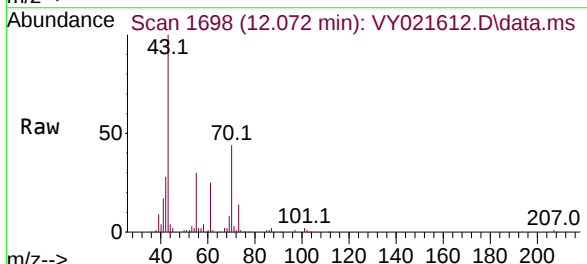
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

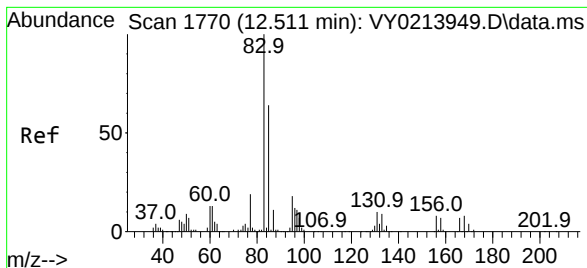
Tgt Ion:105 Resp: 219695
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-ethyl acetate
Concen: 20.421 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 43 Resp: 52575
Ion Ratio Lower Upper
43 100
70 42.8 34.6 51.8
55 29.3 21.1 31.7
61 23.1 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.082 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

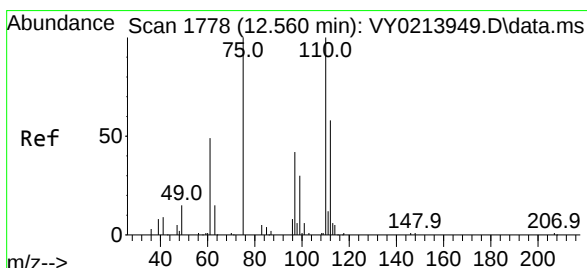
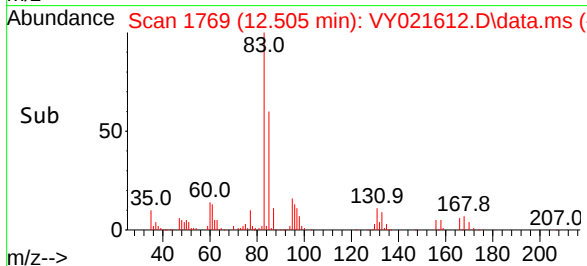
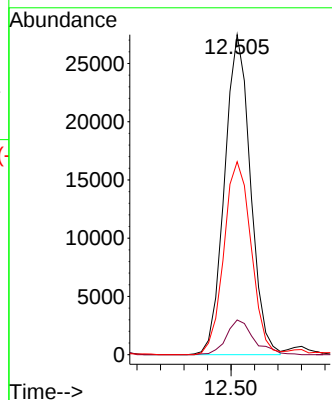
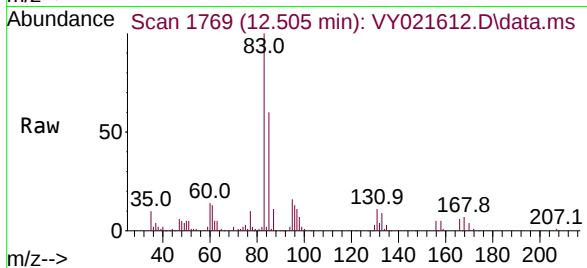
Tgt Ion: 83 Resp: 42010

Ion Ratio Lower Upper

83 100

131 11.6 5.3 16.1

85 63.6 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 36.322 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021612.D

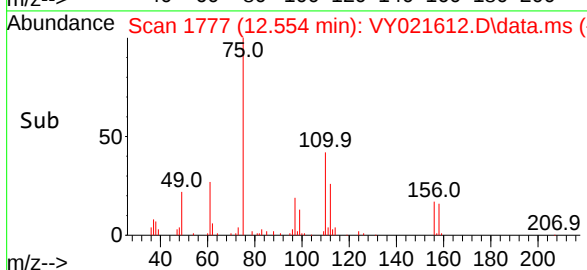
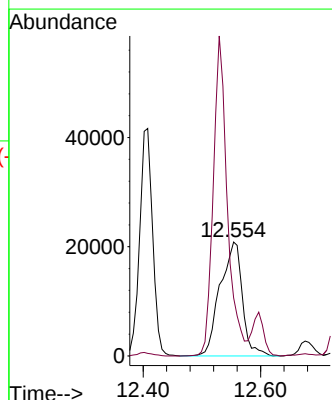
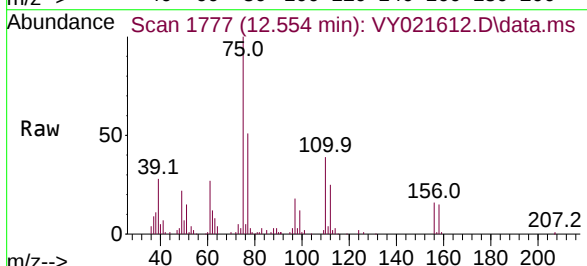
Acq: 24 Mar 2025 12:27

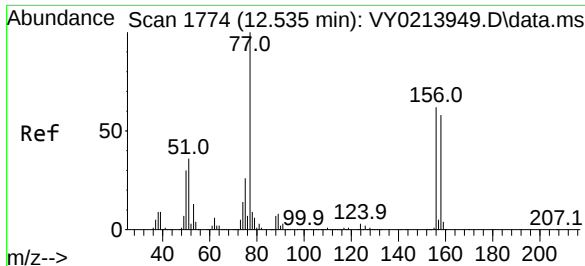
Tgt Ion: 75 Resp: 55082

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

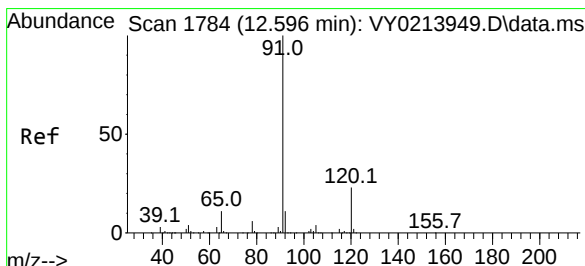
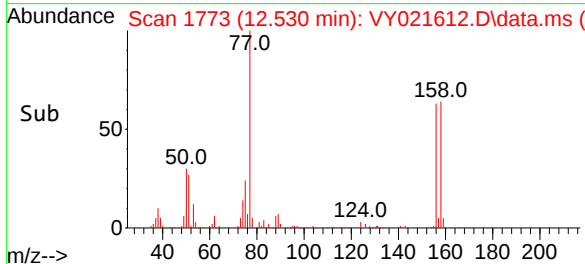
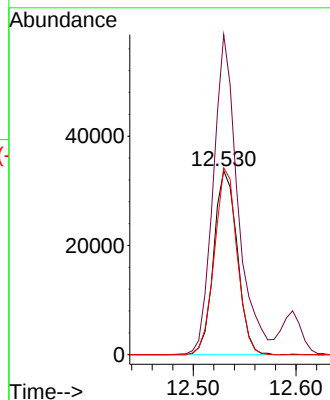
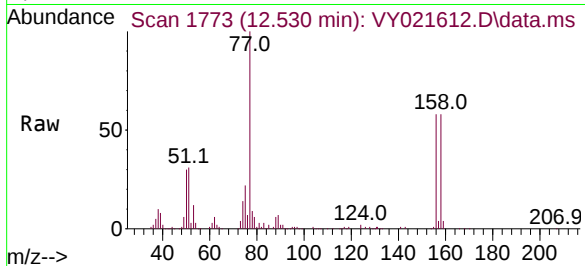




#77
Bromobenzene
Concen: 19.233 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

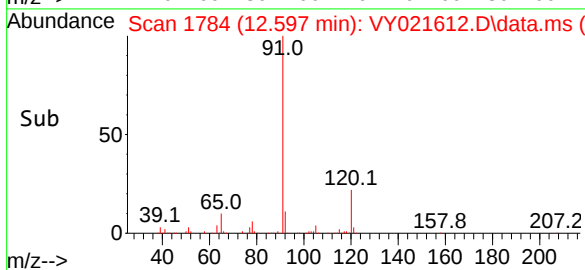
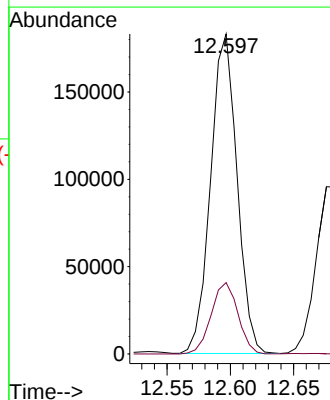
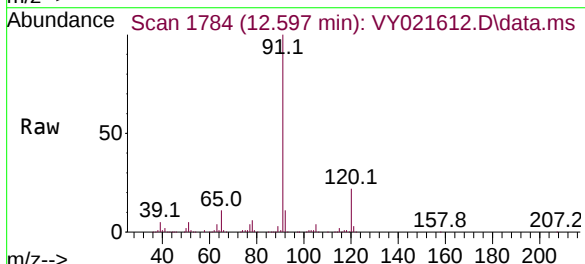
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

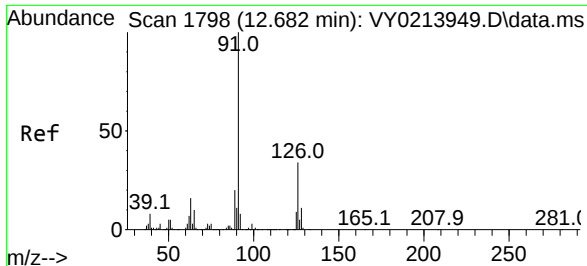
Tgt Ion:156 Resp: 53342
Ion Ratio Lower Upper
156 100
77 182.6 93.6 280.8
158 98.2 48.3 144.8



#78
n-propylbenzene
Concen: 18.462 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 91 Resp: 265799
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 18.634 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

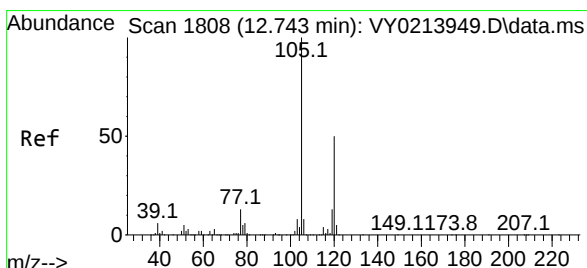
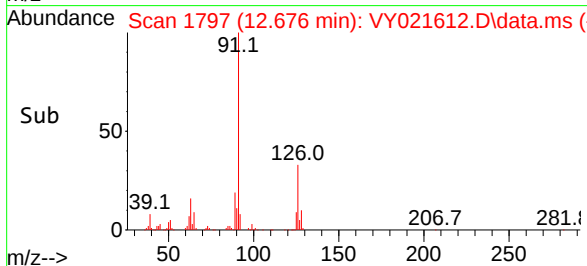
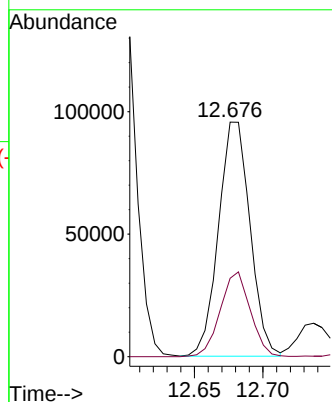
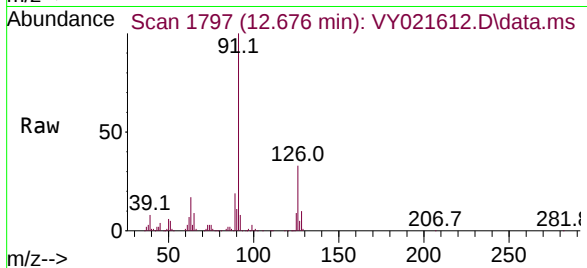
VY0324SBS01

Tgt Ion: 91 Resp: 153403

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 18.961 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021612.D

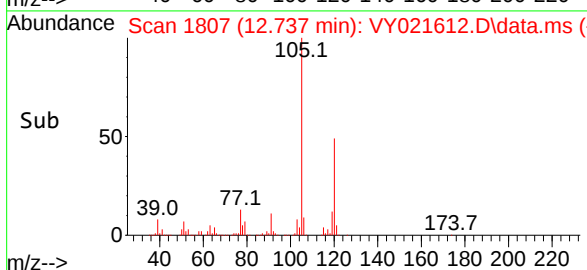
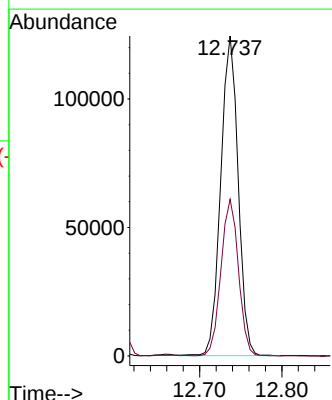
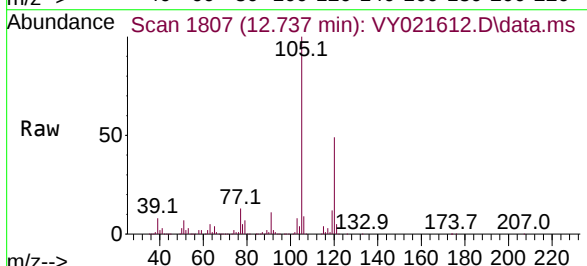
Acq: 24 Mar 2025 12:27

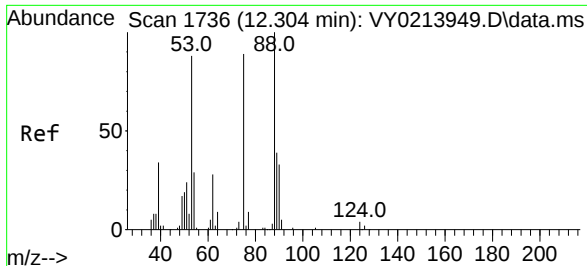
Tgt Ion:105 Resp: 182666

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.6

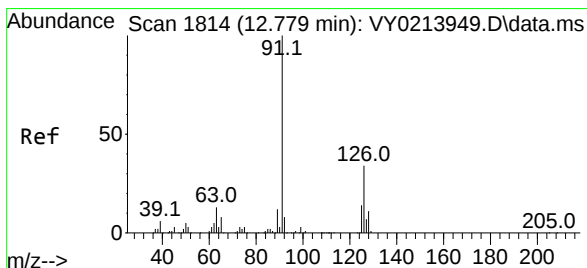
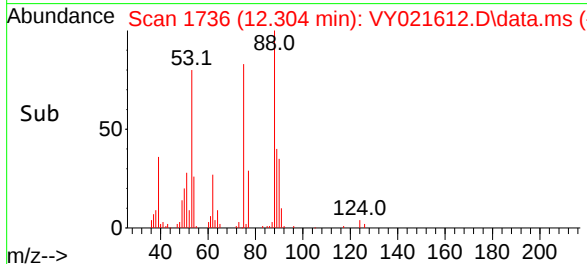
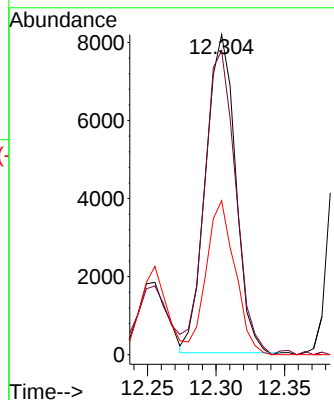
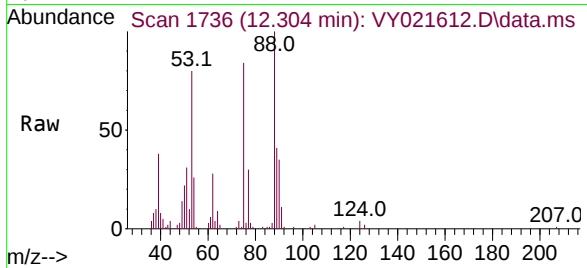




#81
trans-1,4-Dichloro-2-butene
Concen: 18.491 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

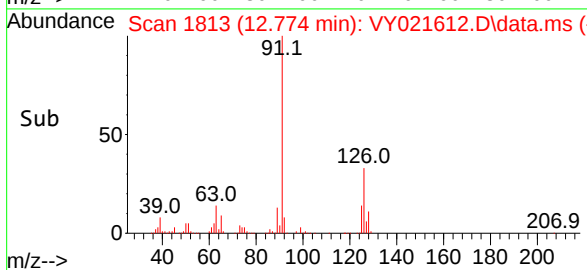
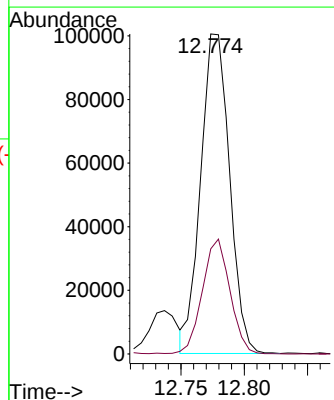
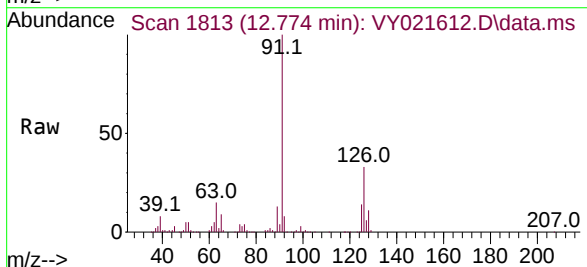
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

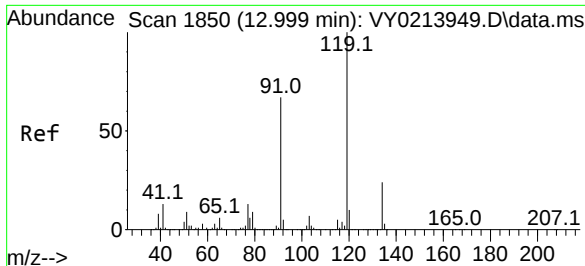
Tgt Ion: 75 Resp: 12335
Ion Ratio Lower Upper
75 100
53 97.4 81.0 121.4
89 46.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.749 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 91 Resp: 159828
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0

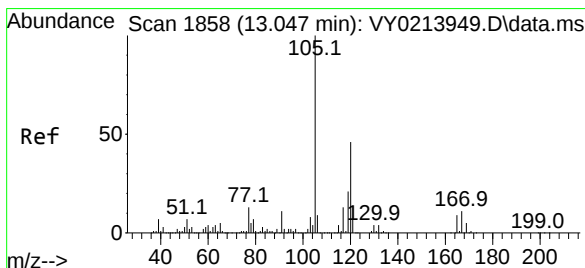
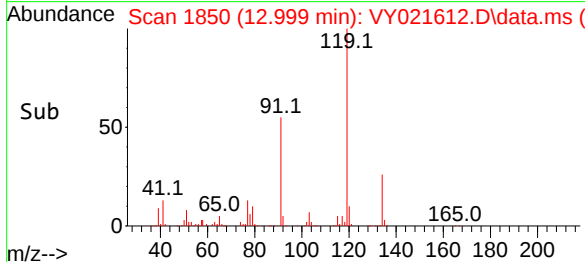
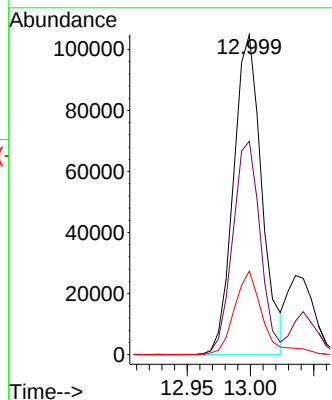
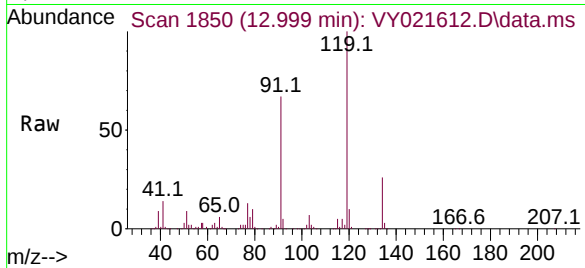




#83
 tert-Butylbenzene
 Concen: 18.957 ug/l
 RT: 12.999 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

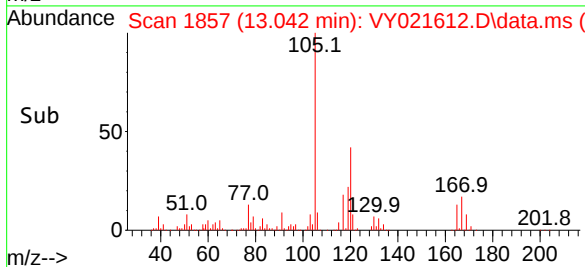
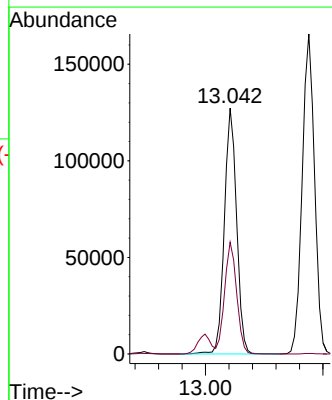
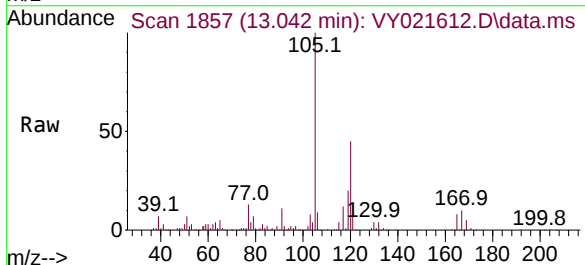
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

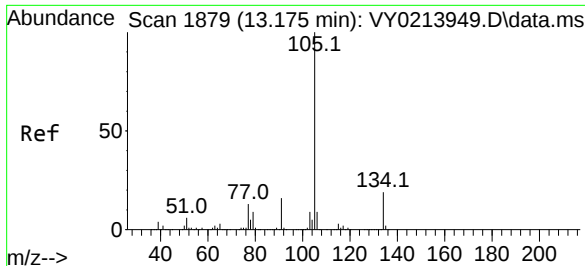
Tgt Ion:	119	Resp:	162925
Ion	Ratio	Lower	Upper
119	100		
91	65.1	33.2	99.6
134	26.2	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.235 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

Tgt Ion:	105	Resp:	183989
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.7	68.1

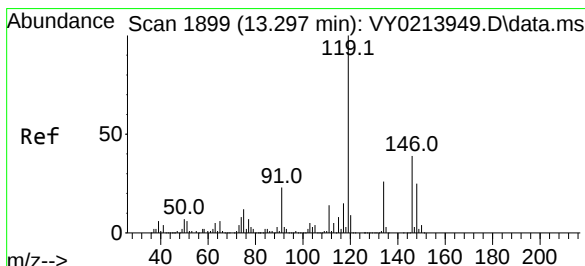
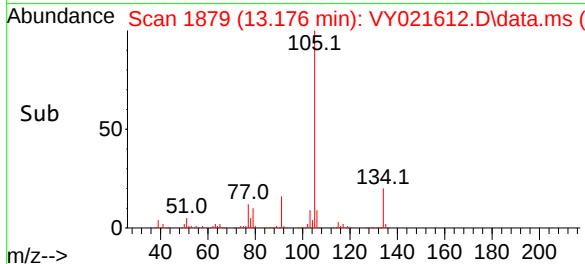
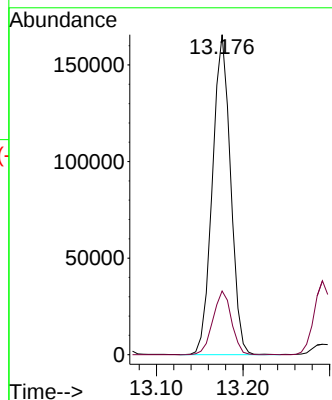
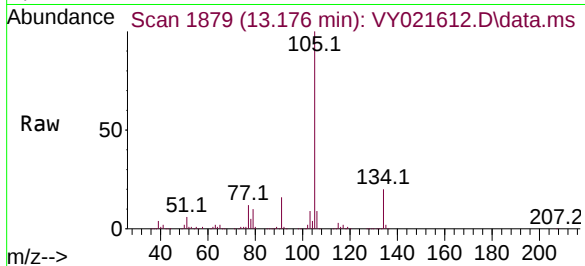




#85
 sec-Butylbenzene
 Concen: 18.878 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

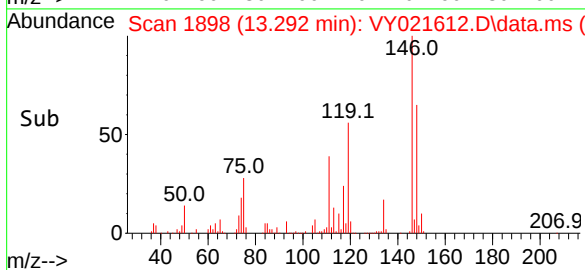
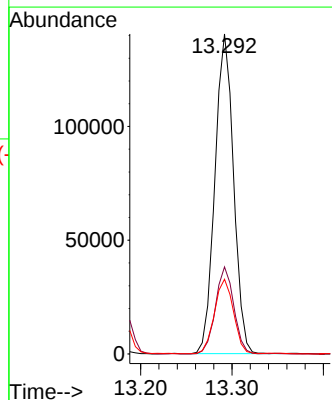
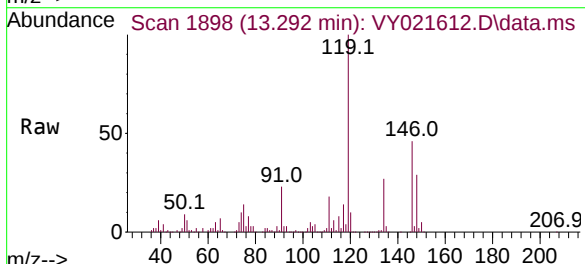
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

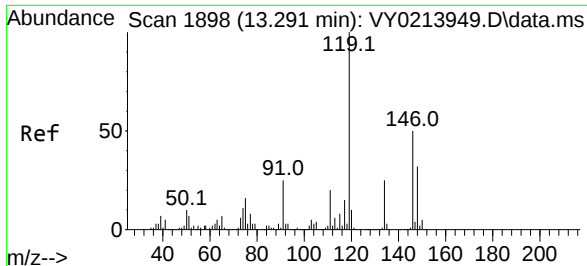
Tgt Ion:105 Resp: 241399
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.935 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

Tgt Ion:119 Resp: 199471
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.1
 91 23.7 12.2 36.6

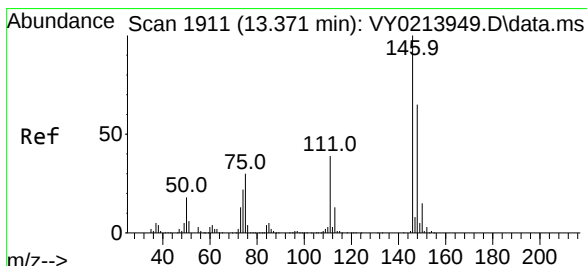
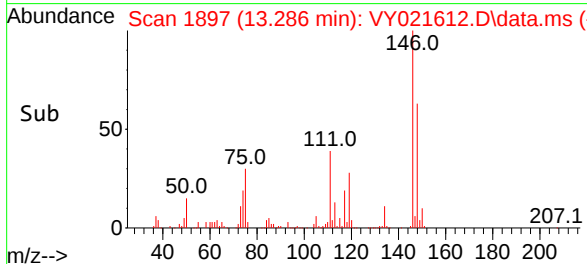
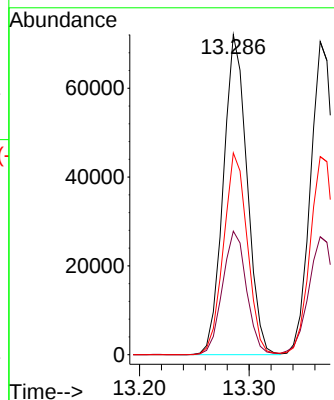
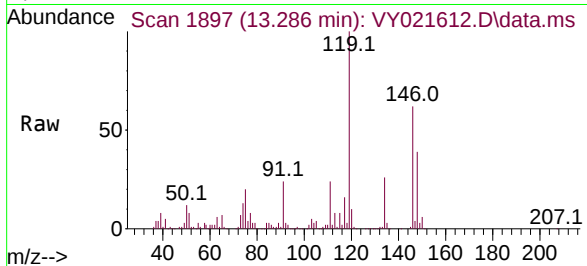




#87
 1,3-Dichlorobenzene
 Concen: 19.622 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

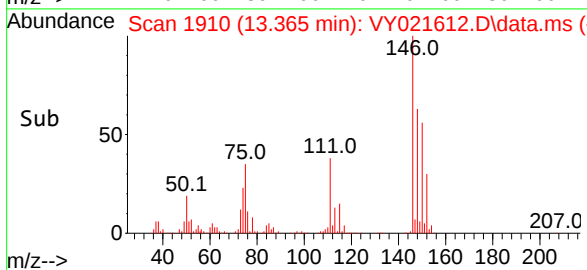
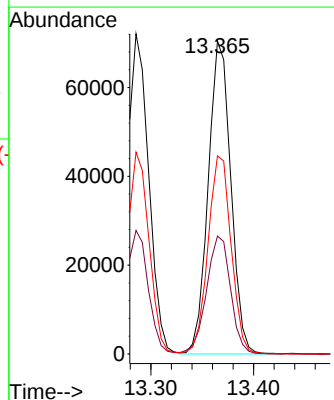
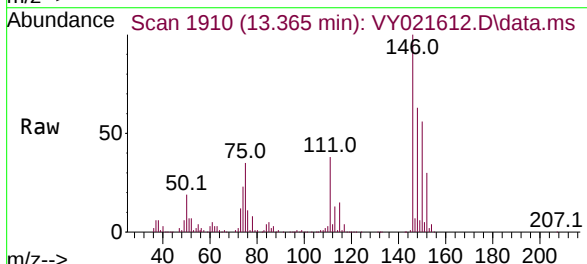
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

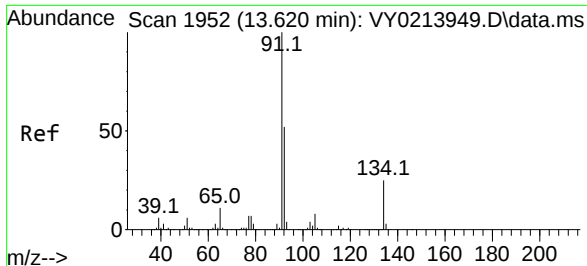
Tgt Ion:146 Resp: 108328
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 60.0
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.938 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021612.D
 Acq: 24 Mar 2025 12:27

Tgt Ion:146 Resp: 107647
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.8
 148 64.9 32.3 96.8





#89

n-Butylbenzene

Concen: 18.984 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

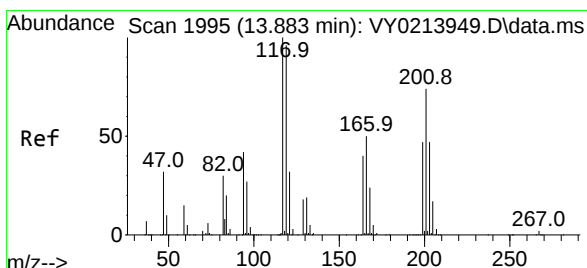
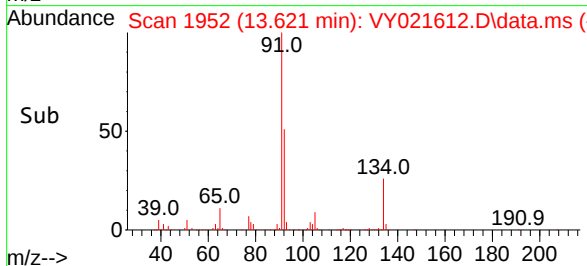
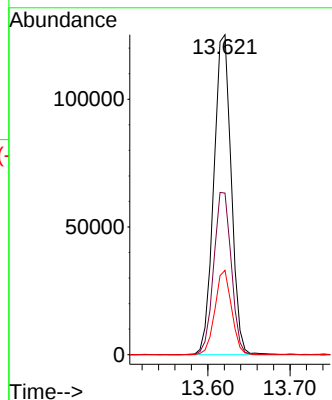
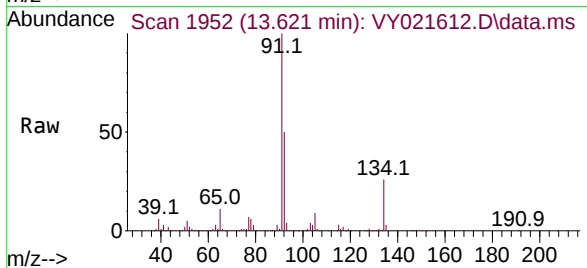
Tgt Ion: 91 Resp: 184675

Ion Ratio Lower Upper

91 100

92 51.2 26.1 78.3

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 19.212 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021612.D

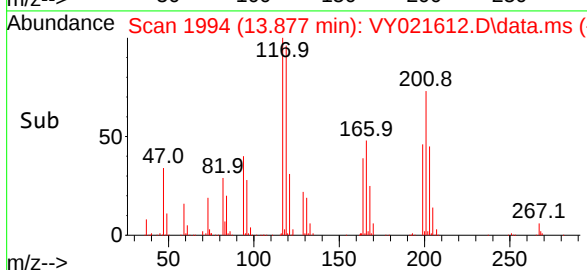
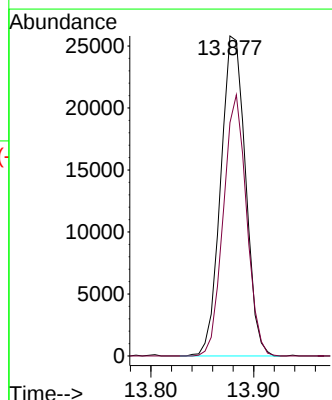
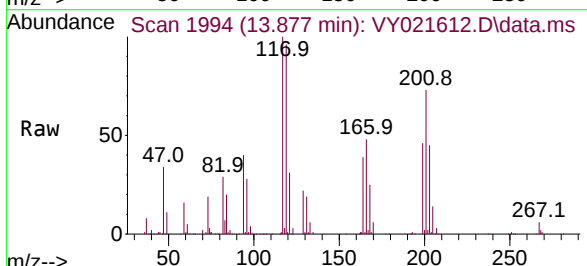
Acq: 24 Mar 2025 12:27

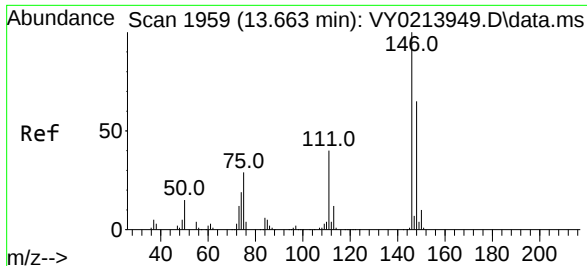
Tgt Ion: 117 Resp: 43176

Ion Ratio Lower Upper

117 100

201 76.2 37.4 112.2

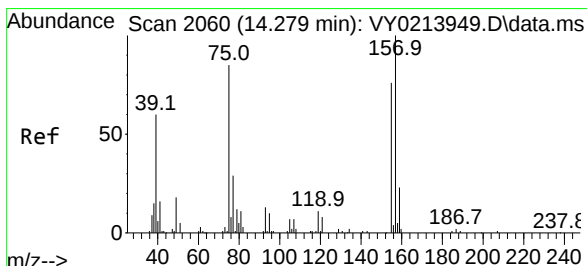
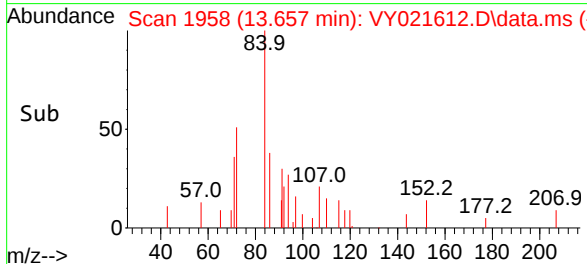
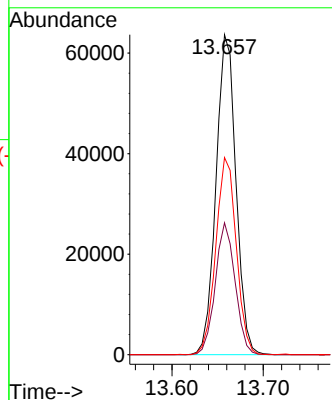
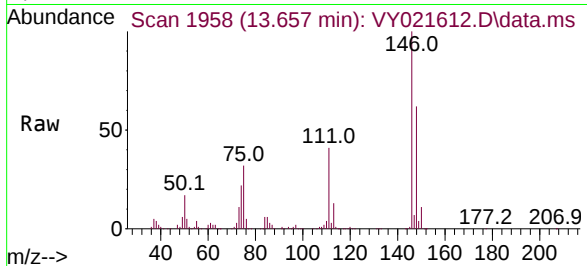




#91
1,2-Dichlorobenzene
Concen: 20.423 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

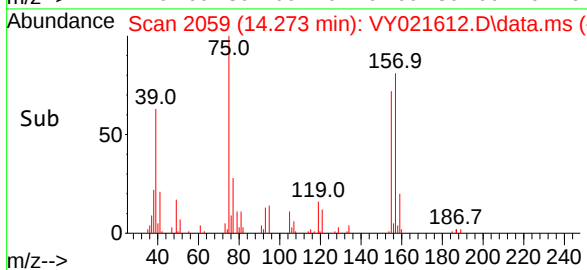
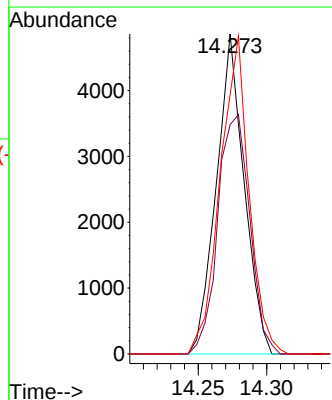
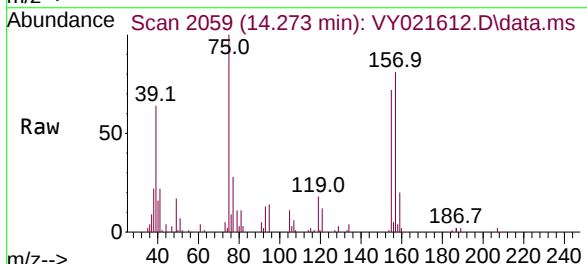
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

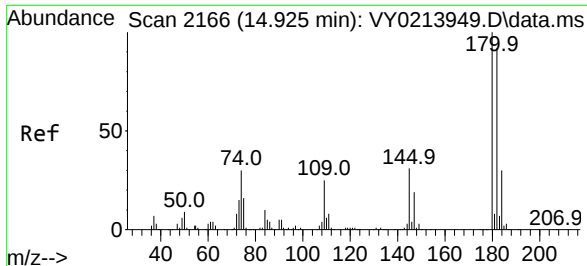
Tgt Ion:146 Resp: 96633
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 63.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.875 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 75 Resp: 6855
Ion Ratio Lower Upper
75 100
155 86.1 43.5 130.5
157 102.9 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 20.864 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

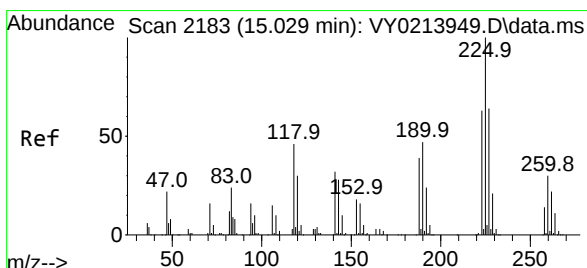
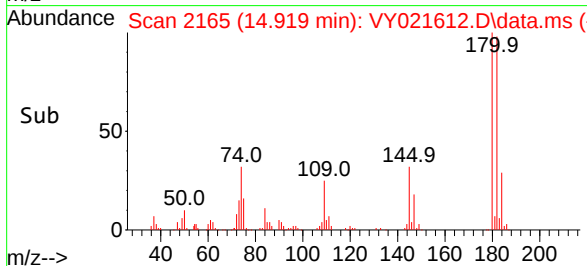
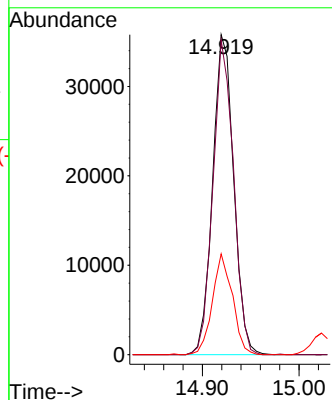
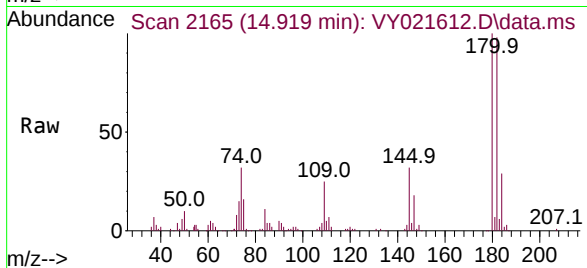
Tgt Ion:180 Resp: 53922

Ion Ratio Lower Upper

180 100

182 96.1 46.7 140.0

145 30.0 15.6 46.8



#94

Hexachlorobutadiene

Concen: 21.143 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021612.D

Acq: 24 Mar 2025 12:27

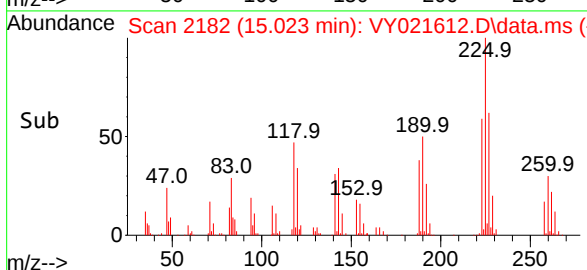
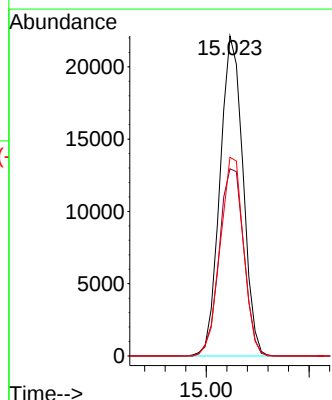
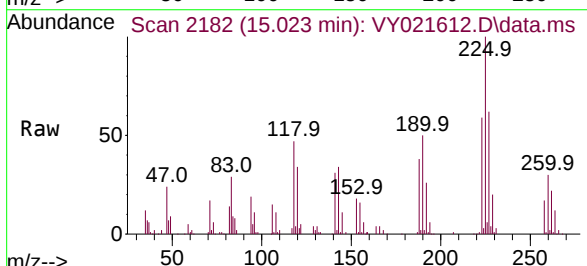
Tgt Ion:225 Resp: 34252

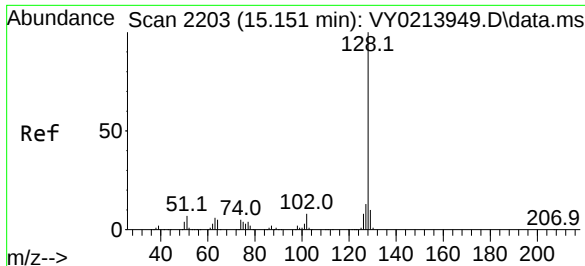
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.2

227 63.3 31.8 95.4

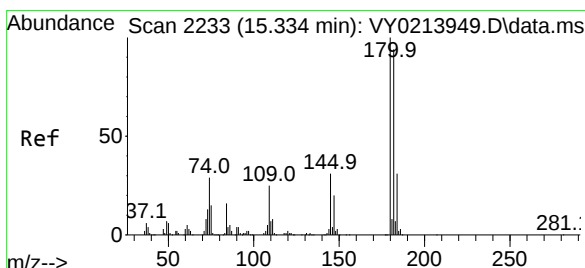
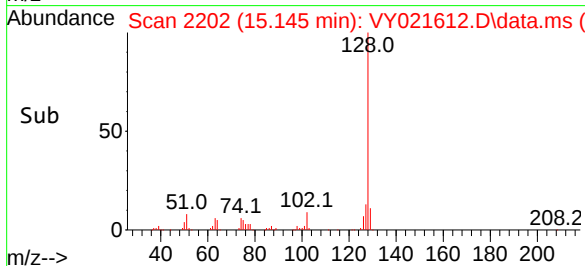
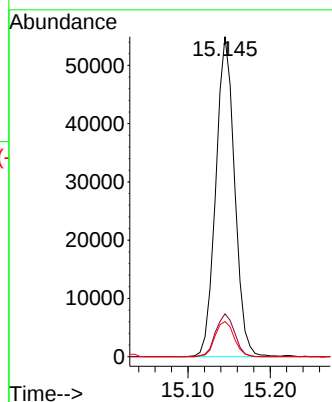
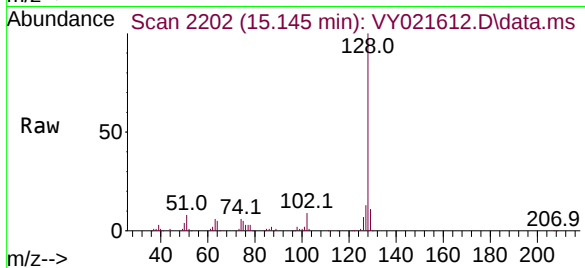




#95
Naphthalene
Concen: 21.998 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion:128	Resp:	87380
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 15.8
129	11.2	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.696 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021612.D
Acq: 24 Mar 2025 12:27

Tgt Ion:180	Resp:	47159
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.2 141.6
145	33.1	16.4 49.1

