

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021613.D
 Acq On : 24 Mar 2025 12:49
 Operator : SY/MD
 Sample : VY0324SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Quant Time: Mar 25 01:29:49 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	184347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	282510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	248626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102138	52.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.840%	
35) Dibromofluoromethane	7.634	113	97858	52.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.400%	
50) Toluene-d8	10.103	98	361919	51.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.401	95	126300	52.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.860	85	31517	18.631	ug/l	99
3) Chloromethane	2.068	50	44923	18.835	ug/l	96
4) Vinyl Chloride	2.202	62	53090	20.369	ug/l	100
5) Bromomethane	2.586	94	38269	20.315	ug/l	96
6) Chloroethane	2.726	64	36822	21.378	ug/l	94
7) Trichlorofluoromethane	3.055	101	83973	23.083	ug/l	98
8) Diethyl Ether	3.452	74	20229	20.065	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.805	101	43457	20.923	ug/l	98
10) Methyl Iodide	4.006	142	39856	18.877	ug/l	98
11) Tert butyl alcohol	4.860	59	13965	96.390	ug/l	95
12) 1,1-Dichloroethene	3.793	96	38466	20.313	ug/l	81
13) Acrolein	3.647	56	8663	87.412	ug/l	93
14) Allyl chloride	4.384	41	61012	19.937	ug/l	98
15) Acrylonitrile	5.055	53	47879	111.562	ug/l	98
16) Acetone	3.866	43	42612	100.270	ug/l	96
17) Carbon Disulfide	4.098	76	94886	15.989	ug/l	98
18) Methyl Acetate	4.384	43	21114	22.392	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	100759	20.993	ug/l	98
20) Methylene Chloride	4.610	84	53205	23.851	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	41083	19.372	ug/l	95
22) Diisopropyl ether	6.018	45	139390	21.136	ug/l	98
23) Vinyl Acetate	5.957	43	394308	104.762	ug/l	99
24) 1,1-Dichloroethane	5.915	63	81303	20.888	ug/l	99
25) 2-Butanone	6.890	43	62785	106.802	ug/l	96
26) 2,2-Dichloropropane	6.884	77	71770	20.039	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	49342	20.481	ug/l	98
28) Bromochloromethane	7.244	49	31408	19.247	ug/l	100
29) Tetrahydrofuran	7.262	42	38964	107.363	ug/l	98
30) Chloroform	7.414	83	85602	21.179	ug/l	97
31) Cyclohexane	7.701	56	65123	17.846	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	77510	20.944	ug/l	100
36) 1,1-Dichloropropene	7.835	75	57155	19.663	ug/l	99
37) Ethyl Acetate	6.981	43	28572	22.239	ug/l	99
38) Carbon Tetrachloride	7.811	117	70796	21.177	ug/l	94
39) Methylcyclohexane	9.109	83	65608	18.401	ug/l	98
40) Benzene	8.079	78	175351	20.479	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	14620	20.899	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	51030	21.303	ug/l	99
43) Isopropyl Acetate	8.195	43	54802	21.973	ug/l #	86
44) Trichloroethene	8.859	130	45864	21.196	ug/l	98
45) 1,2-Dichloropropane	9.140	63	43310	21.252	ug/l	98
46) Dibromomethane	9.231	93	25450	22.444	ug/l	99
47) Bromodichloromethane	9.420	83	66516	22.089	ug/l	96
48) Methyl methacrylate	9.219	41	24039	20.990	ug/l	98
49) 1,4-Dioxane	9.231	88	5451	489.768	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	142293	110.576	ug/l	100
52) Toluene	10.170	92	112531	20.845	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	57871	21.813	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	66048	20.969	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	33471	22.566	ug/l	96
56) Ethyl methacrylate	10.438	69	40599	21.462	ug/l	100
57) 1,3-Dichloropropane	10.713	76	55693	21.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	99079	113.459	ug/l	100
59) 2-Hexanone	10.761	43	94596	111.173	ug/l	98
60) Dibromochloromethane	10.914	129	46157	22.699	ug/l	97
61) 1,2-Dibromoethane	11.017	107	30803	22.004	ug/l	98
64) Tetrachloroethene	10.645	164	49923	24.693	ug/l	98
65) Chlorobenzene	11.438	112	123750	21.077	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	45487	21.913	ug/l	99
67) Ethyl Benzene	11.517	91	206296	20.019	ug/l	99
68) m/p-Xylenes	11.627	106	162166	41.450	ug/l	99
69) o-Xylene	11.956	106	73810	20.470	ug/l	100
70) Styrene	11.968	104	126501	21.148	ug/l	100
71) Bromoform	12.133	173	26751	23.054	ug/l #	99
73) Isopropylbenzene	12.255	105	202176	19.277	ug/l	99
74) N-amyl acetate	12.066	43	46349	20.349	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	37558	20.293	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	50555	37.681	ug/l #	100
77) Bromobenzene	12.529	156	49536	20.189	ug/l	97
78) n-propylbenzene	12.596	91	250447	19.662	ug/l	100
79) 2-Chlorotoluene	12.676	91	142785	19.605	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	168640	19.786	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11709	19.840	ug/l	97
82) 4-Chlorotoluene	12.779	91	151121	20.038	ug/l	99
83) tert-Butylbenzene	12.999	119	152139	20.009	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	169692	20.052	ug/l	99
85) sec-Butylbenzene	13.175	105	227378	20.099	ug/l	100
86) p-Isopropyltoluene	13.291	119	186551	20.016	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	101479	20.777	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	98863	20.697	ug/l	99
89) n-Butylbenzene	13.614	91	175942	20.444	ug/l	99
90) Hexachloroethane	13.883	117	40836	20.538	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	88822	21.218	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6232	22.479	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	50930	22.274	ug/l	98
94) Hexachlorobutadiene	15.023	225	33053	23.061	ug/l	98
95) Naphthalene	15.145	128	80284	22.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	43386	22.561	ug/l	100

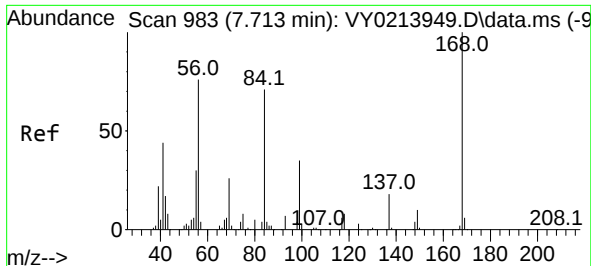
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Response via : Initial Calibration

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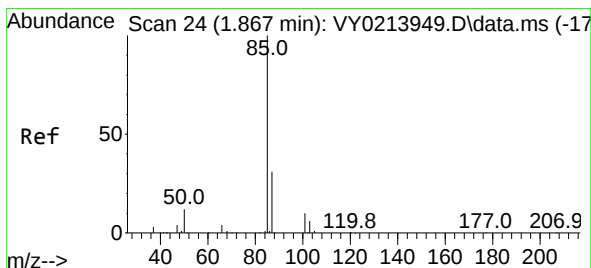
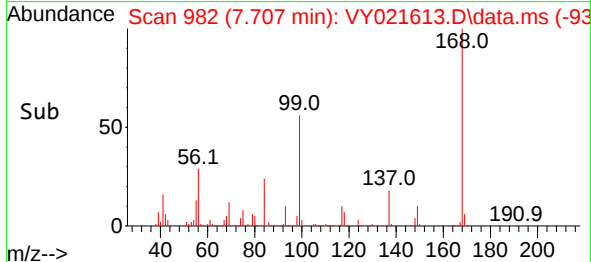
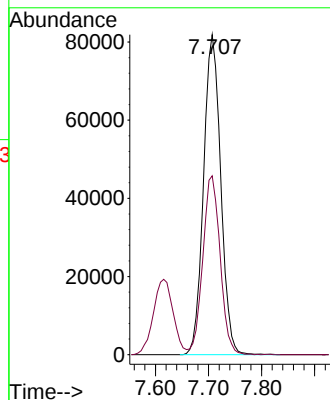
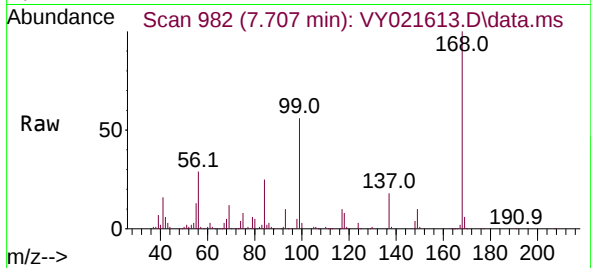
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

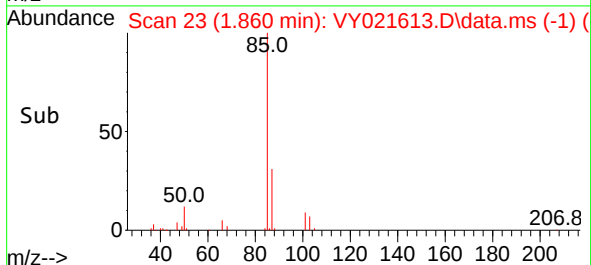
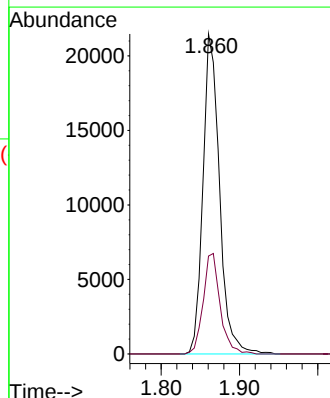
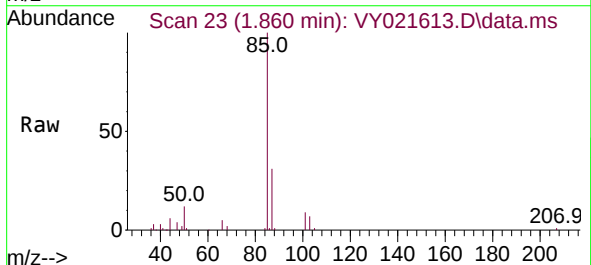
Instrument :
MSVOA_Y
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VY0324SBS01

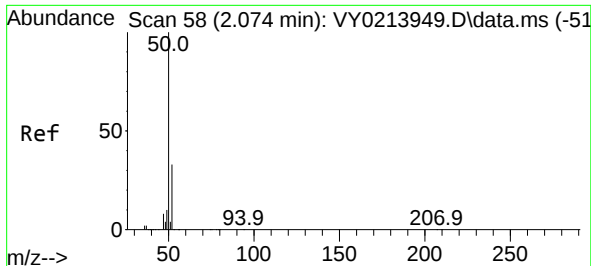
Tgt Ion:168 Resp: 184347
Ion Ratio Lower Upper
168 100
99 55.9 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 18.631 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 85 Resp: 31517
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

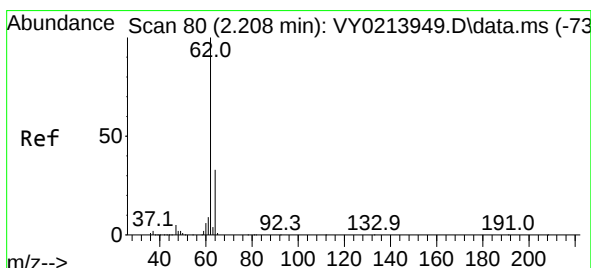
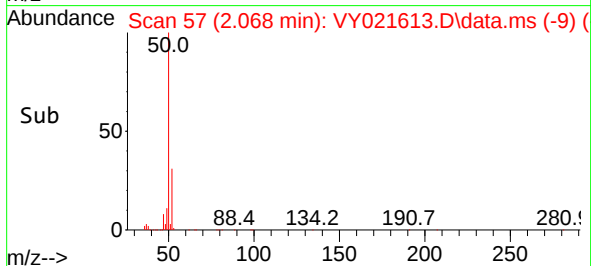
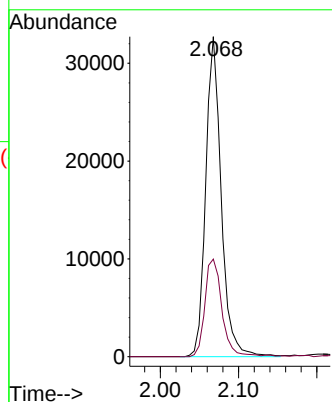
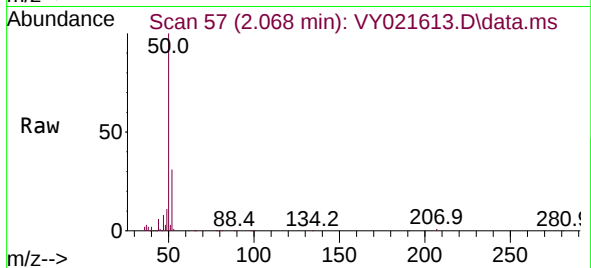




#3
Chloromethane
Concen: 18.835 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

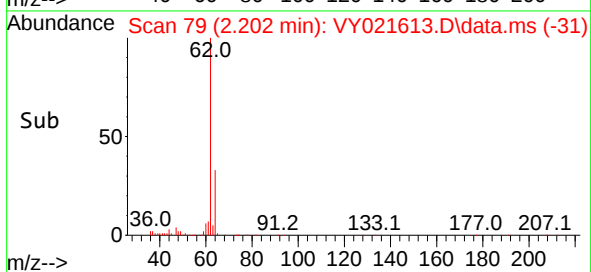
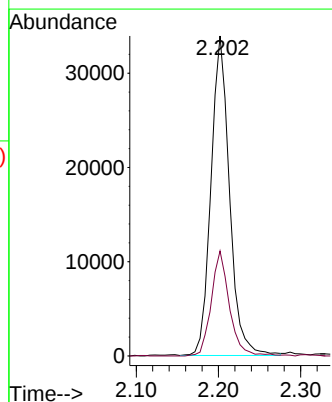
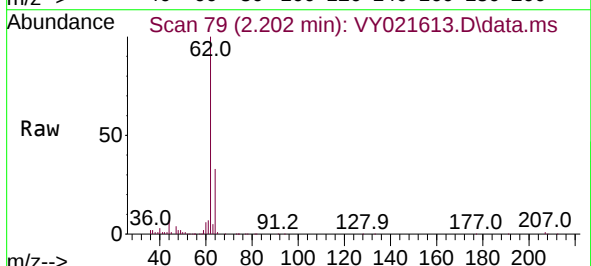
Instrument :
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ClientSampleId :
VY0324SBSD01

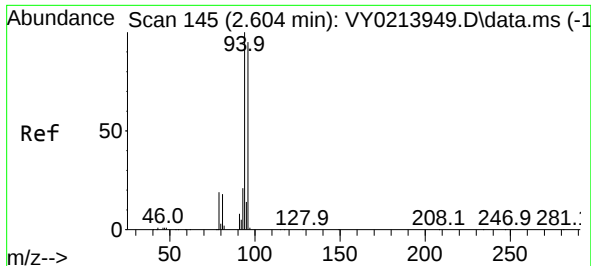
Tgt Ion: 50 Resp: 44923
Ion Ratio Lower Upper
50 100
52 30.5 26.2 39.2



#4
Vinyl Chloride
Concen: 20.369 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 62 Resp: 53090
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

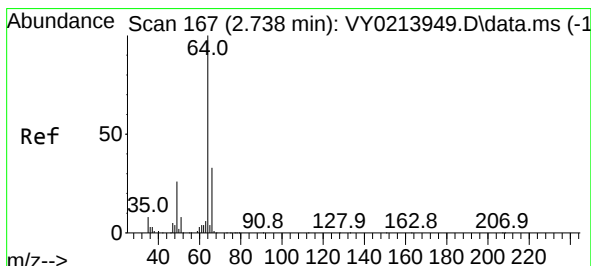
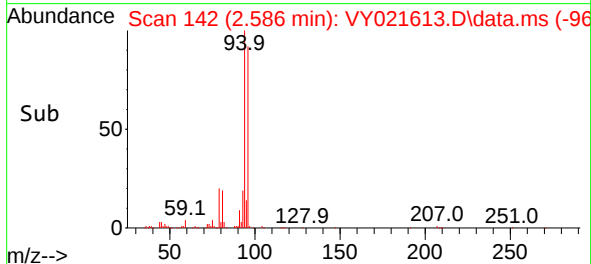
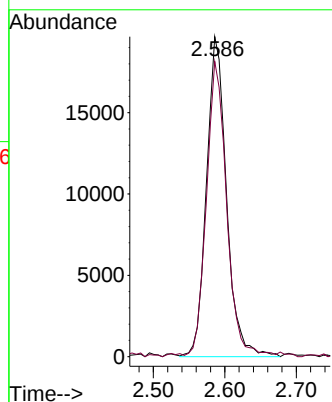
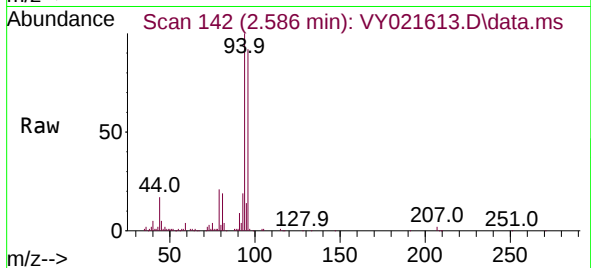




#5
Bromomethane
Concen: 20.315 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

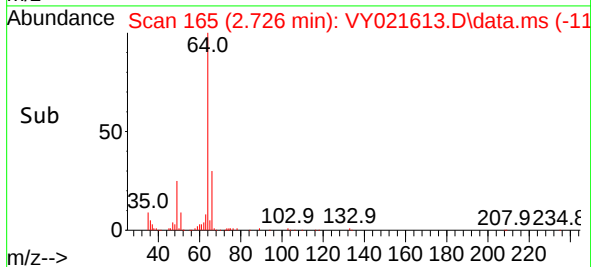
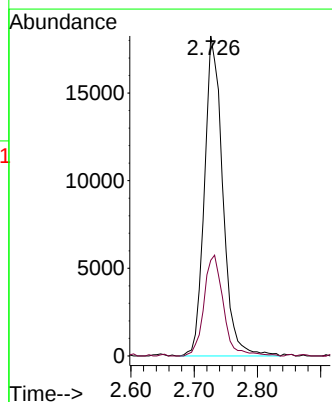
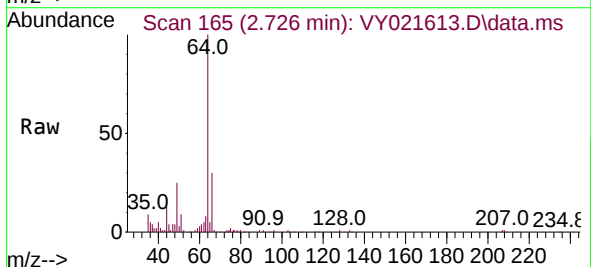
Instrument :
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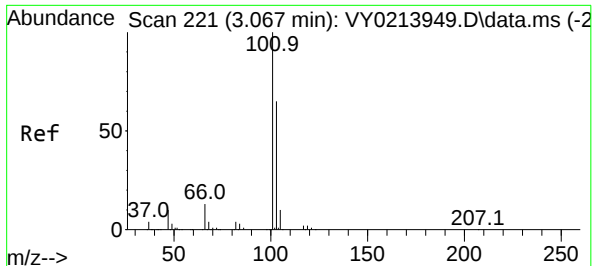
Tgt Ion: 94 Resp: 38269
Ion Ratio Lower Upper
94 100
96 91.3 76.3 114.5



#6
Chloroethane
Concen: 21.378 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 64 Resp: 36822
Ion Ratio Lower Upper
64 100
66 29.9 26.7 40.1

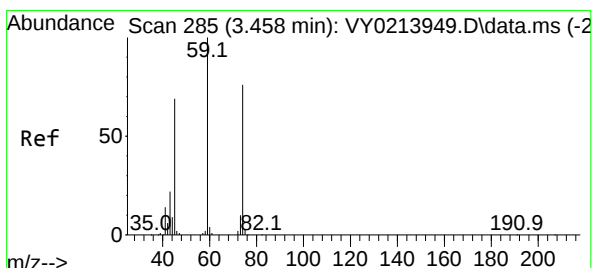
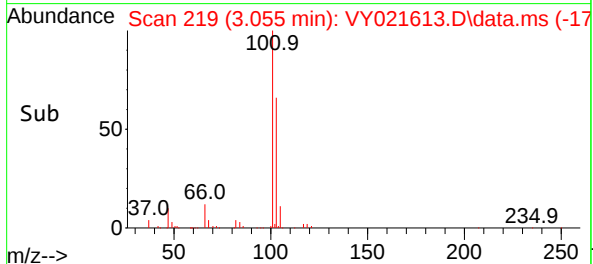
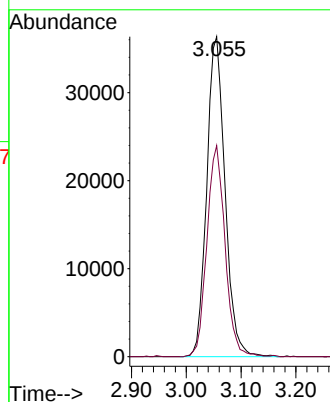
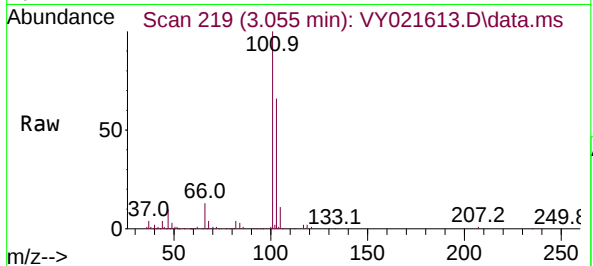




#7
Trichlorofluoromethane
Concen: 23.083 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

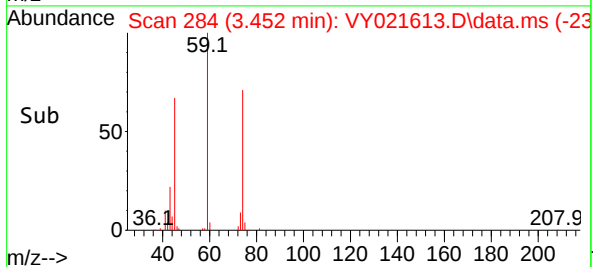
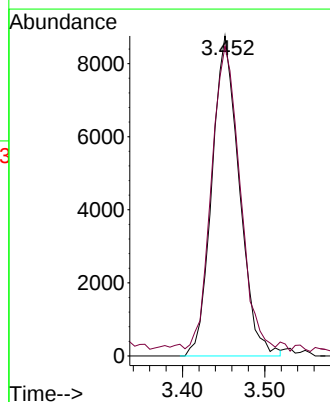
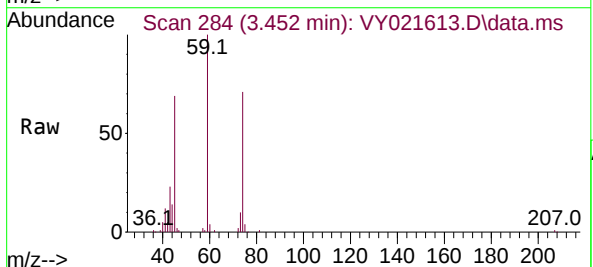
Instrument :
MSVOA_Y
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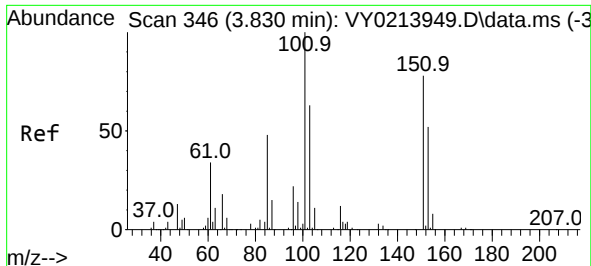
Tgt Ion:101 Resp: 83973
Ion Ratio Lower Upper
101 100
103 66.0 51.7 77.5



#8
Diethyl Ether
Concen: 20.065 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 74 Resp: 20229
Ion Ratio Lower Upper
74 100
45 97.3 49.7 149.1

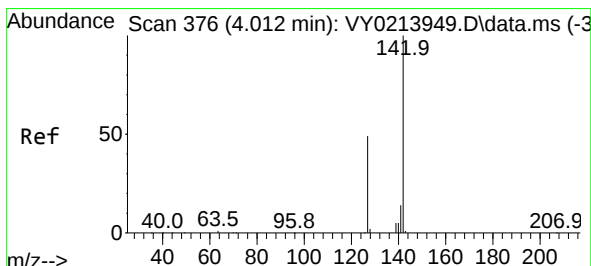
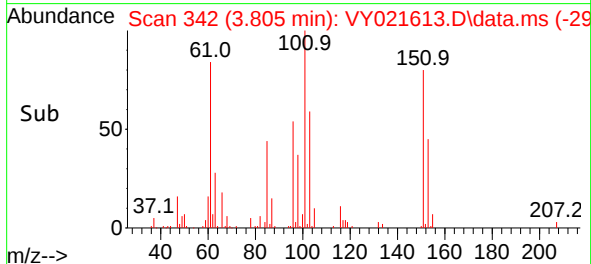
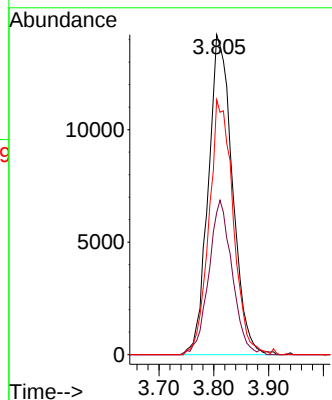
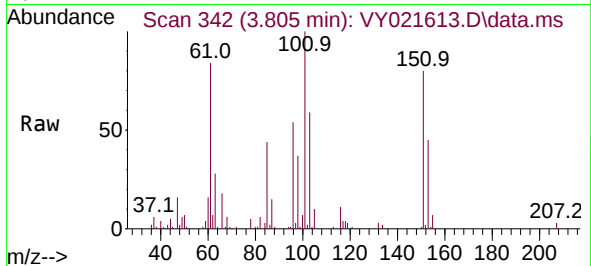




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.923 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.025 min
Lab File: VY021613.D
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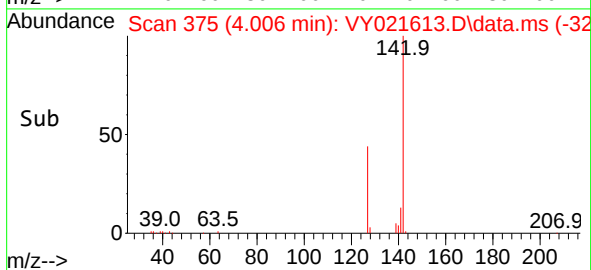
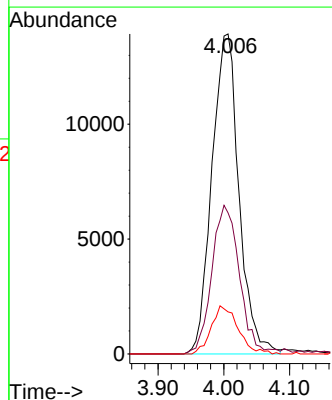
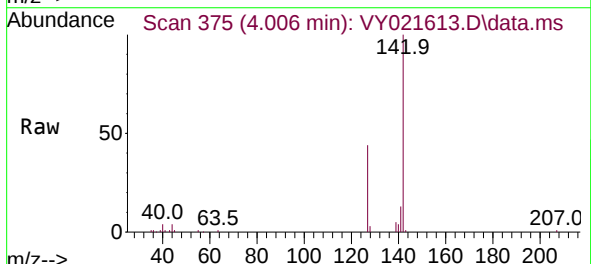
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

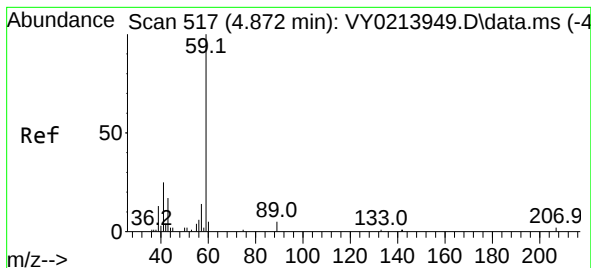
Tgt Ion:101 Resp: 43457
Ion Ratio Lower Upper
101 100
85 46.8 37.1 55.7
151 79.5 62.1 93.1



#10
Methyl Iodide
Concen: 18.877 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion:142 Resp: 39856
Ion Ratio Lower Upper
142 100
127 47.6 39.1 58.7
141 15.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 96.390 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

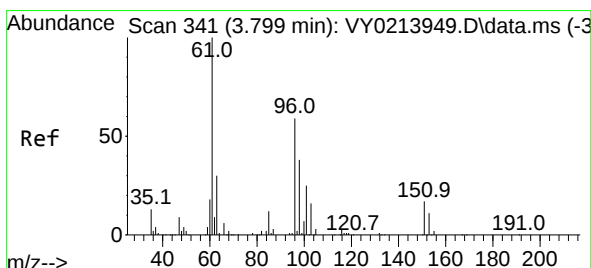
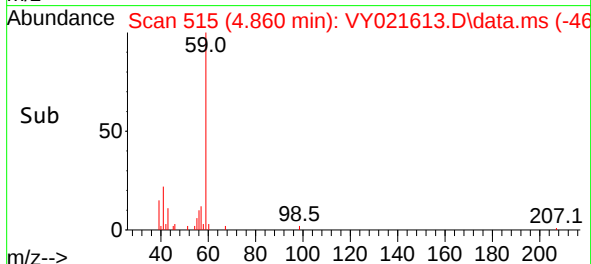
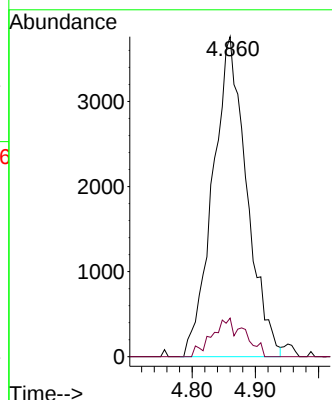
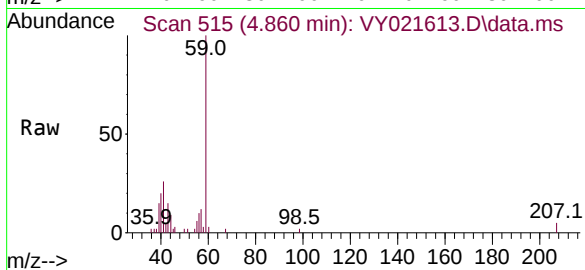
VY0324SBS01

Tgt Ion: 59 Resp: 13965

Ion Ratio Lower Upper

59 100

57 8.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 20.313 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

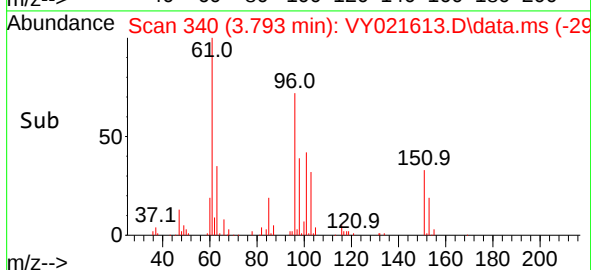
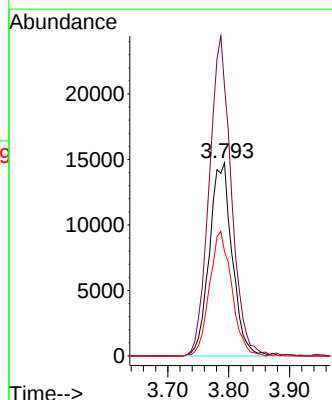
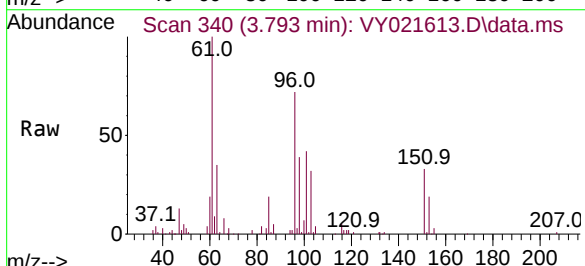
Tgt Ion: 96 Resp: 38466

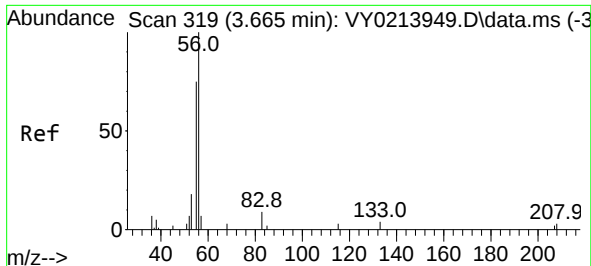
Ion Ratio Lower Upper

96 100

61 139.5 135.2 202.8

98 54.0 51.4 77.2

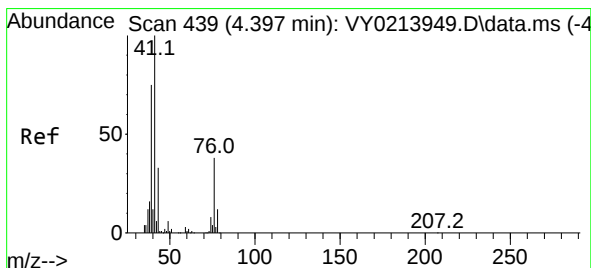
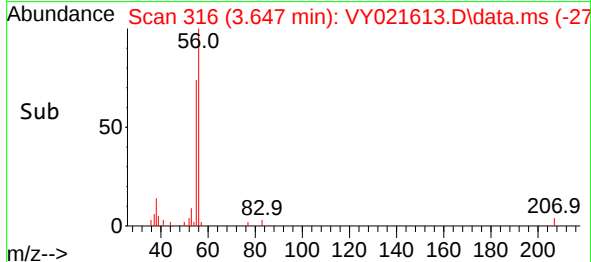
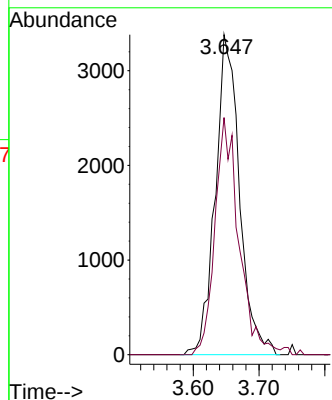
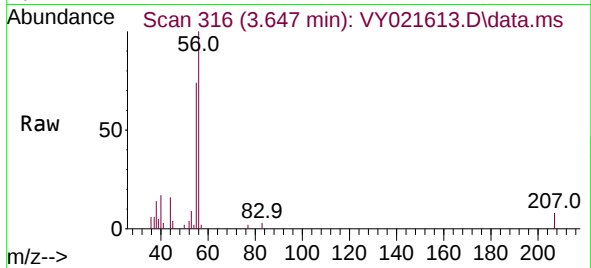




#13
Acrolein
Concen: 87.412 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

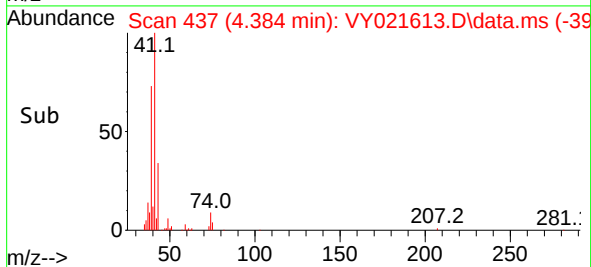
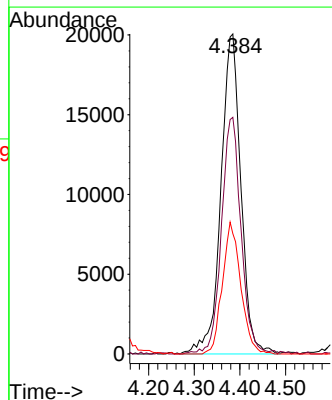
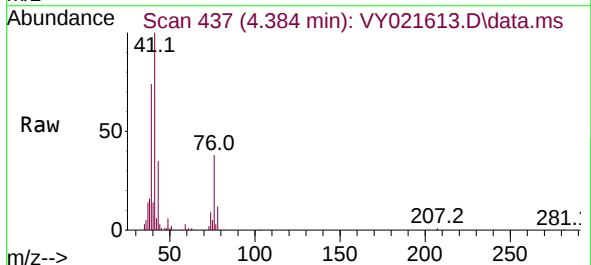
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

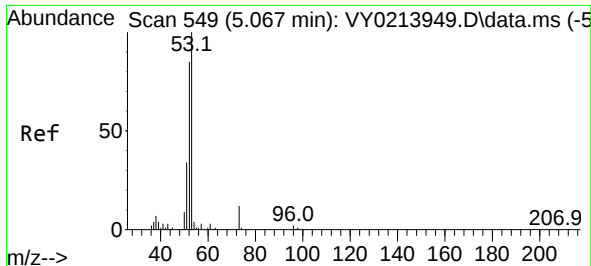
Tgt Ion: 56 Resp: 8663
Ion Ratio Lower Upper
56 100
55 73.1 63.4 95.2



#14
Allyl chloride
Concen: 19.937 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

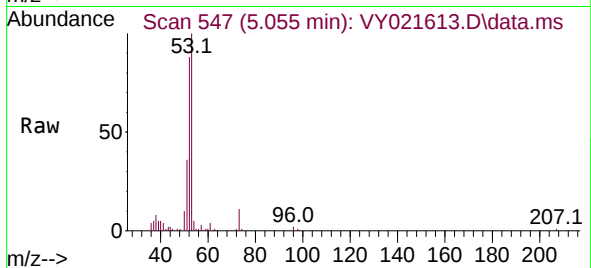
Tgt Ion: 41 Resp: 61012
Ion Ratio Lower Upper
41 100
39 72.6 59.3 88.9
76 37.9 29.8 44.8



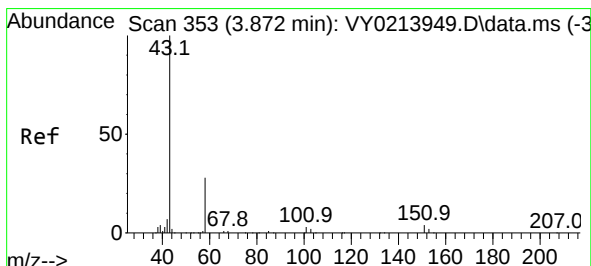
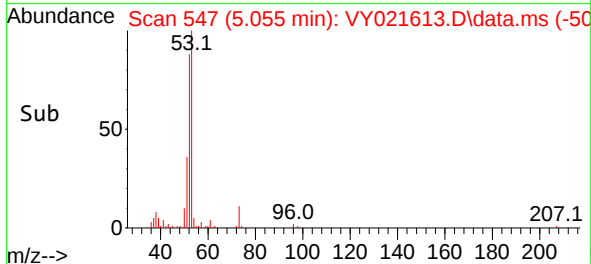
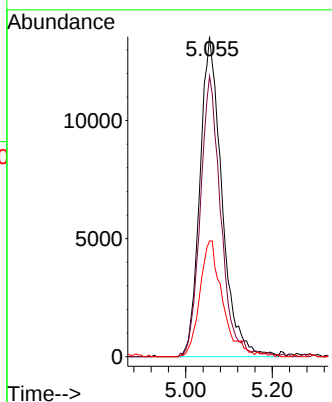


#15
Acrylonitrile
Concen: 111.562 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

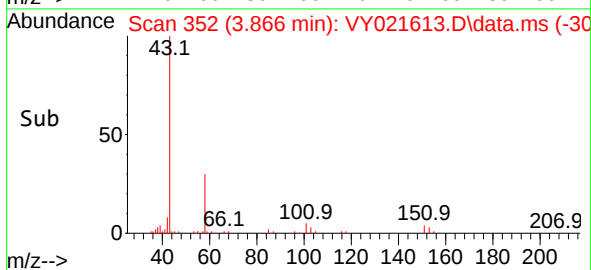
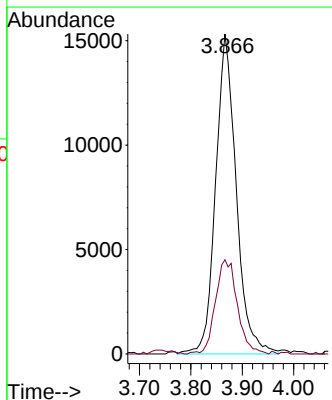
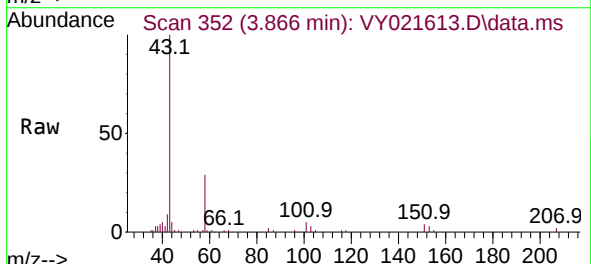


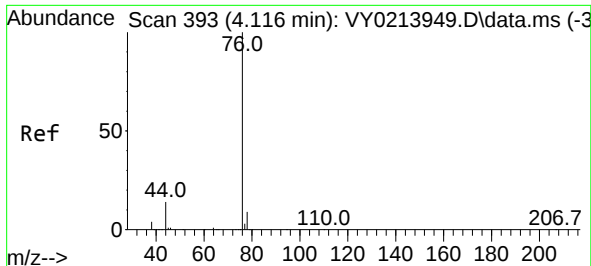
Tgt Ion: 53 Resp: 47879
Ion Ratio Lower Upper
53 100
52 80.8 66.3 99.5
51 37.2 30.3 45.5



#16
Acetone
Concen: 100.270 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 43 Resp: 42612
Ion Ratio Lower Upper
43 100
58 29.5 22.1 33.1

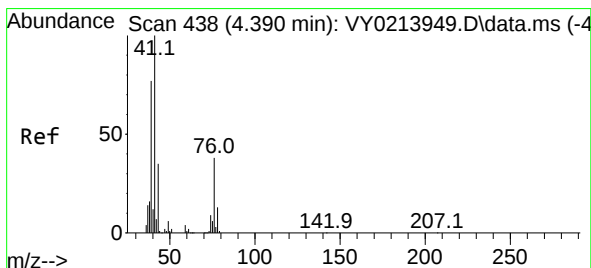
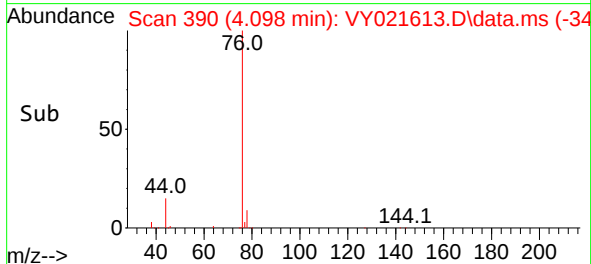
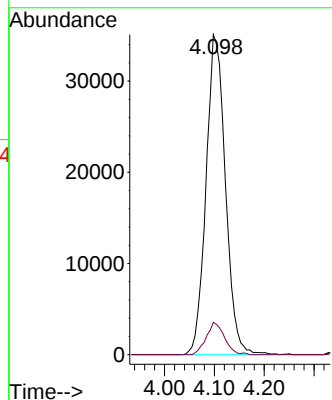
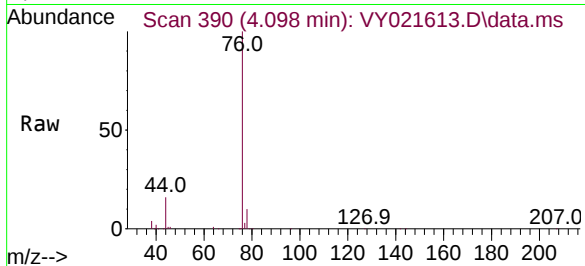




#17
Carbon Disulfide
Concen: 15.989 ug/l
RT: 4.098 min Scan# 393
Delta R.T. -0.018 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

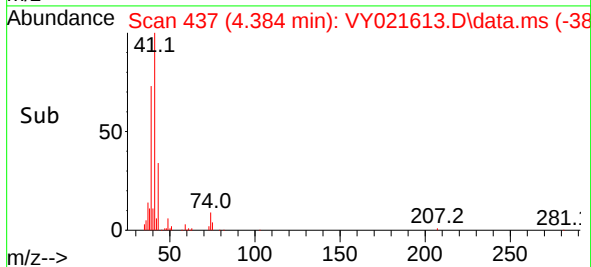
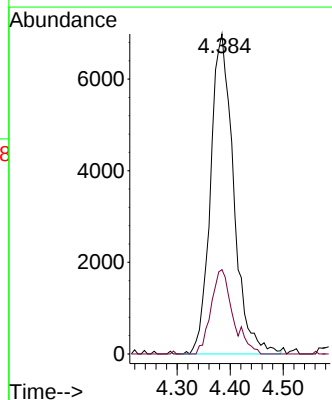
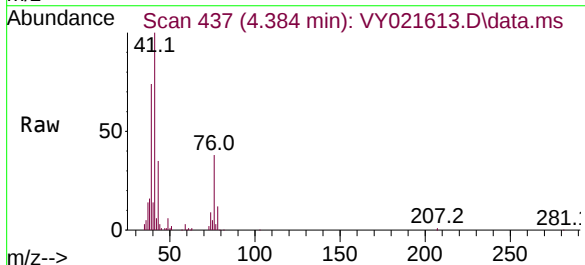
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

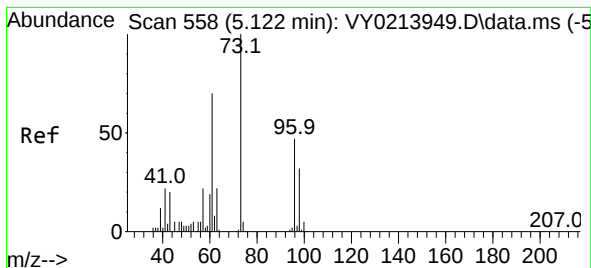
Tgt Ion: 76 Resp: 94886
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 22.392 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 43 Resp: 21114
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 20.993 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

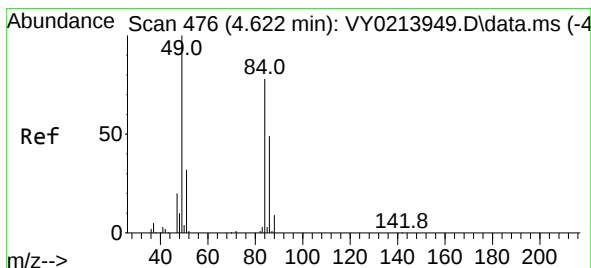
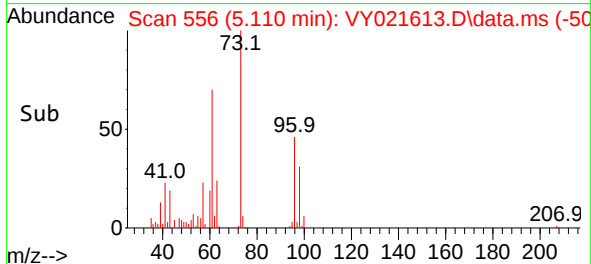
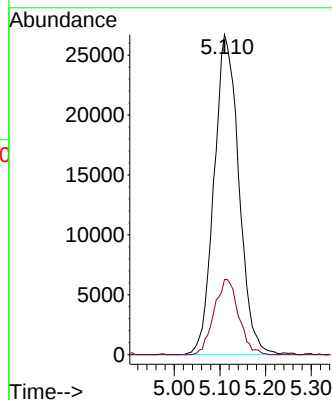
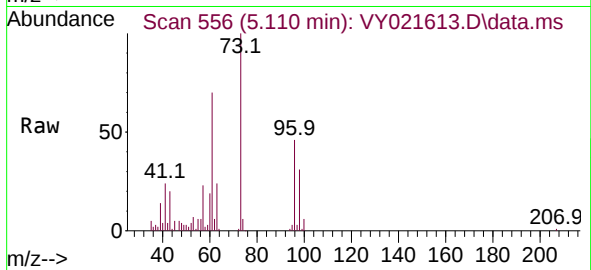
VY0324SBS01

Tgt Ion: 73 Resp: 100759

Ion Ratio Lower Upper

73 100

57 23.5 17.9 26.9



#20

Methylene Chloride

Concen: 23.851 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Tgt Ion: 84 Resp: 53205

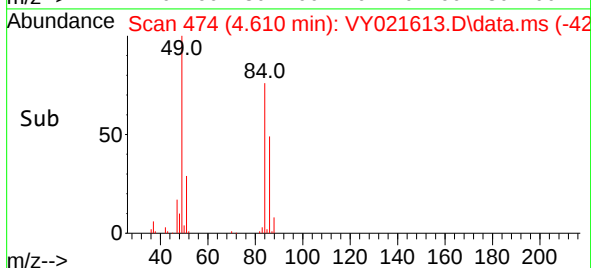
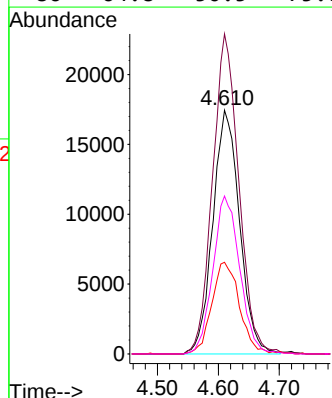
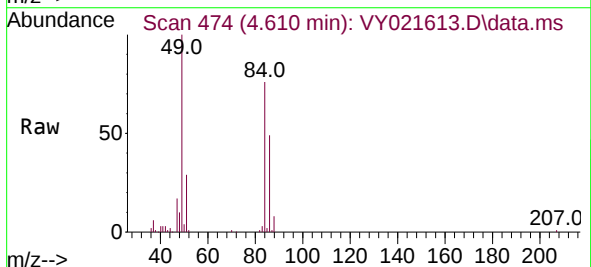
Ion Ratio Lower Upper

84 100

49 131.3 102.0 153.0

51 37.6 33.0 49.6

86 64.8 50.5 75.7

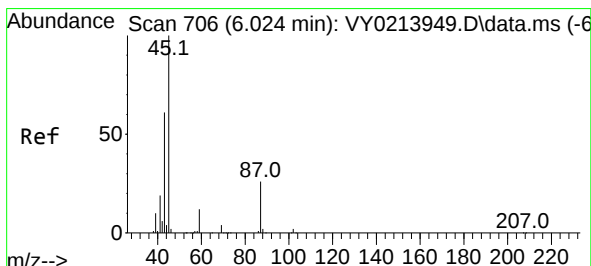
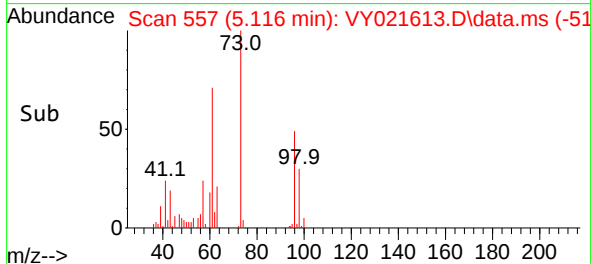
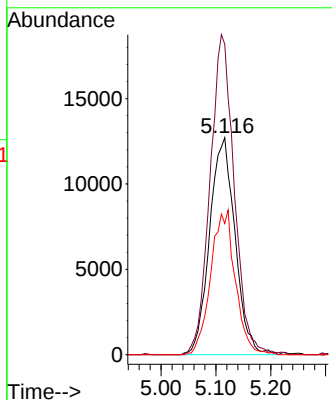
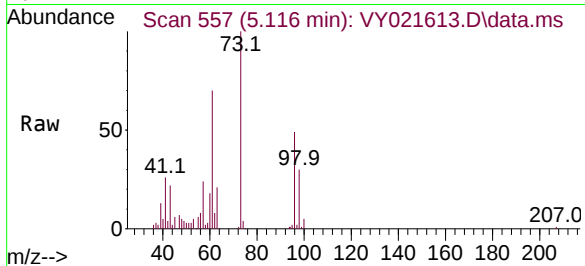




#21
trans-1,2-Dichloroethene
Concen: 19.372 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

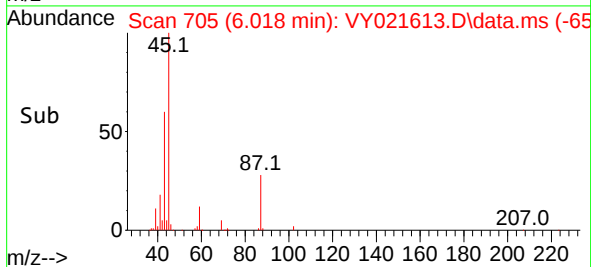
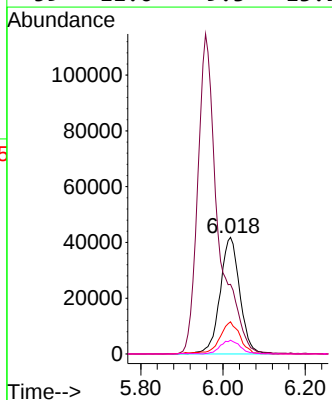
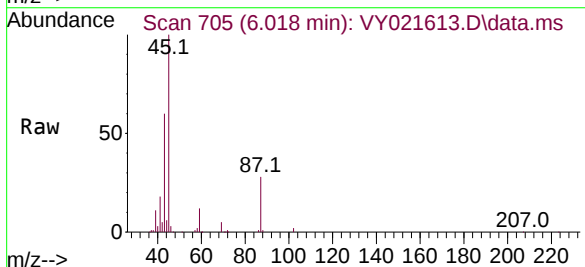
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

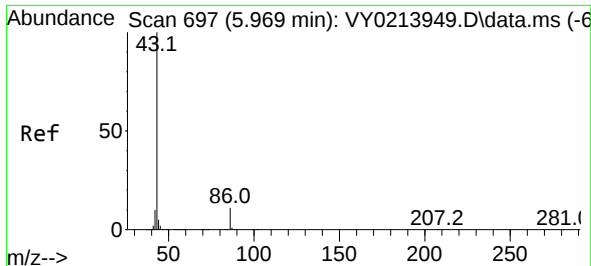
Tgt Ion: 96 Resp: 41083
Ion Ratio Lower Upper
96 100
61 143.0 111.5 167.3
98 60.5 53.8 80.8



#22
Diisopropyl ether
Concen: 21.136 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 45 Resp: 139390
Ion Ratio Lower Upper
45 100
43 59.4 48.7 73.1
87 27.6 21.5 32.3
59 11.6 9.3 13.9

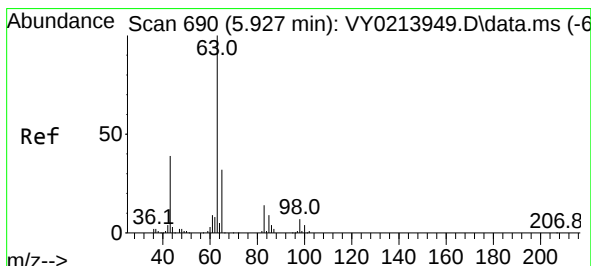
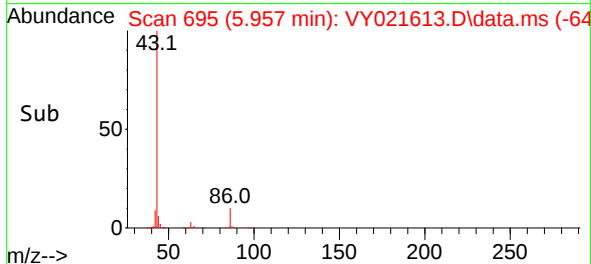
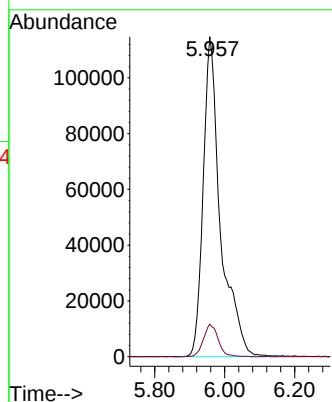
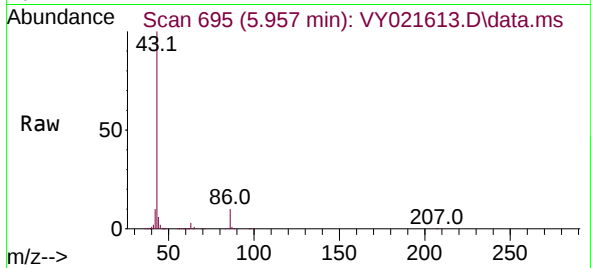




#23
 Vinyl Acetate
 Concen: 104.762 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

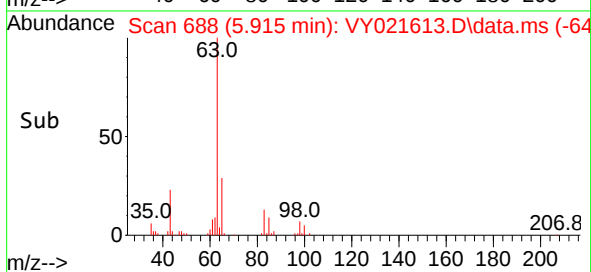
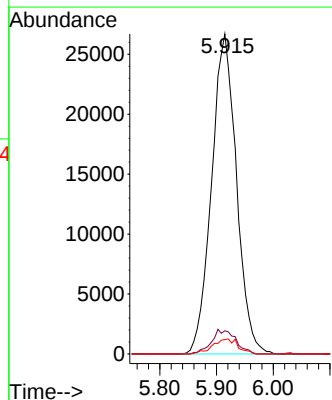
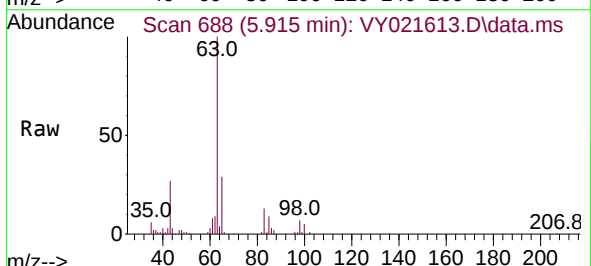
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

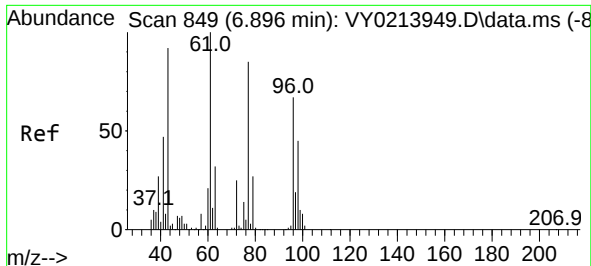
Tgt Ion: 43 Resp: 394308
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.888 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

Tgt Ion: 63 Resp: 81303
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 106.802 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

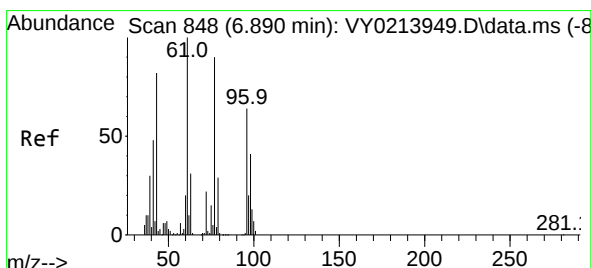
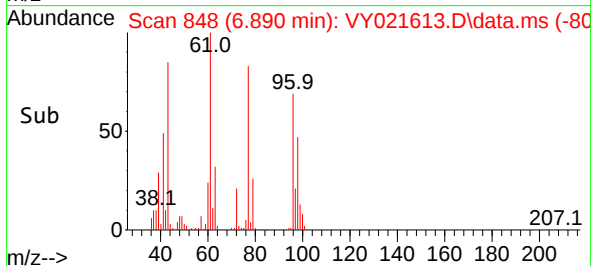
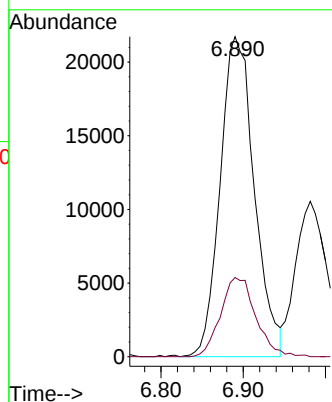
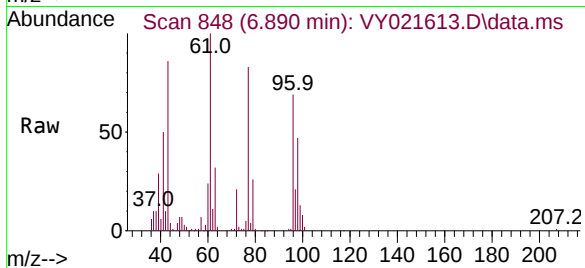
VY0324SBSD01

Tgt Ion: 43 Resp: 62785

Ion Ratio Lower Upper

43 100

72 24.7 21.4 32.0



#26

2,2-Dichloropropane

Concen: 20.039 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021613.D

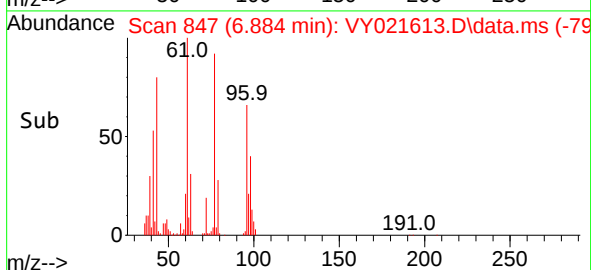
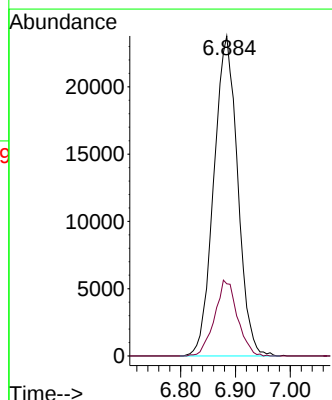
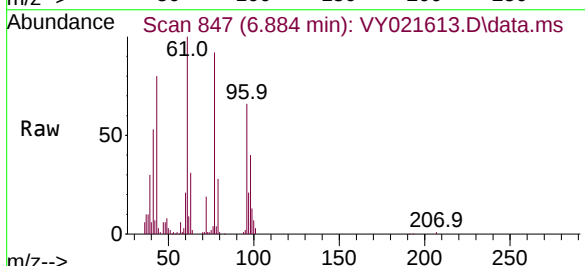
Acq: 24 Mar 2025 12:49

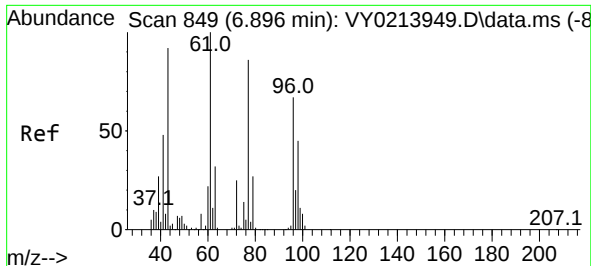
Tgt Ion: 77 Resp: 71770

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.481 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

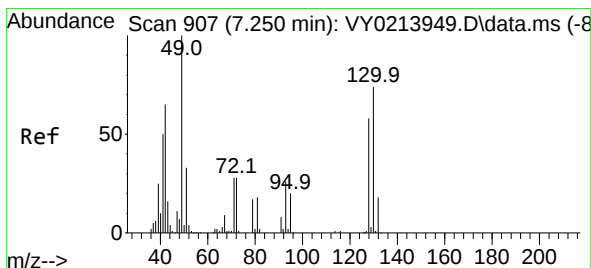
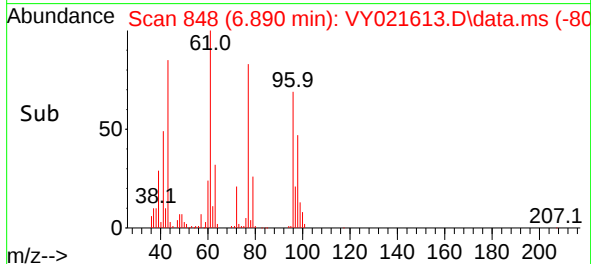
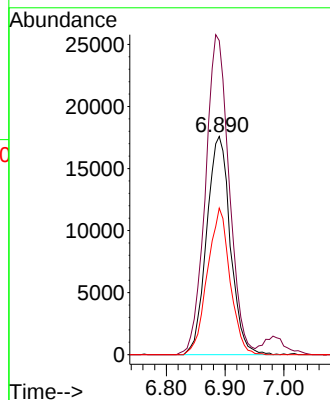
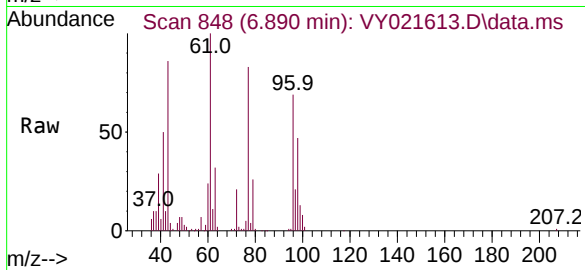
Tgt Ion: 96 Resp: 49342

Ion Ratio Lower Upper

96 100

61 146.6 0.0 300.8

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 19.247 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

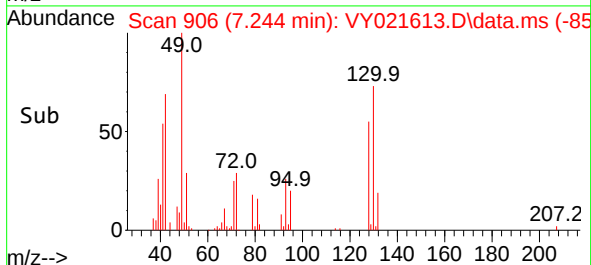
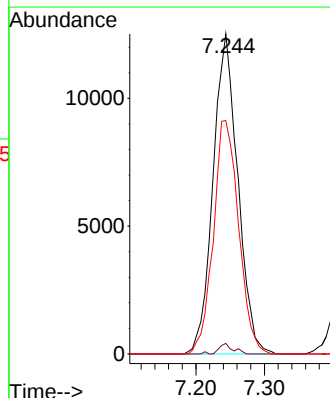
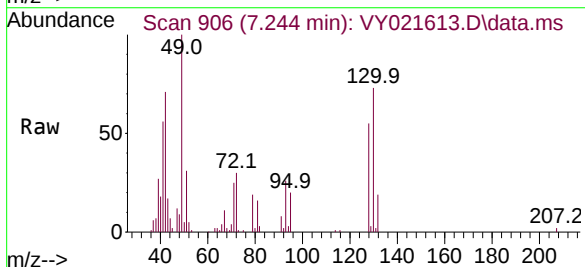
Tgt Ion: 49 Resp: 31408

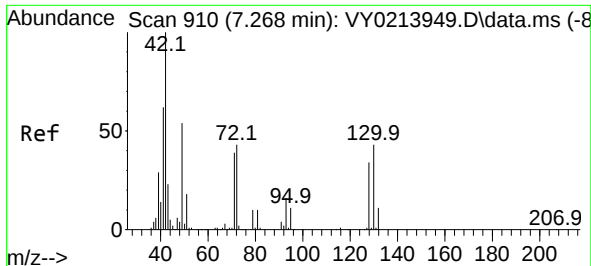
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

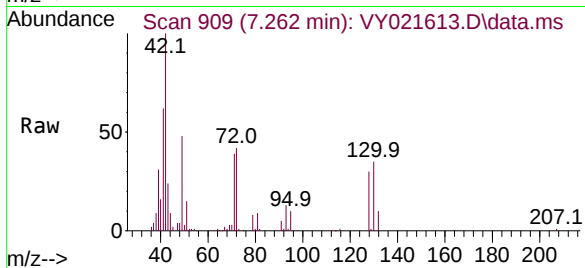
130 74.3 59.6 89.4



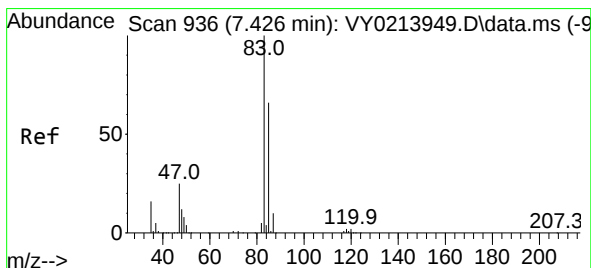
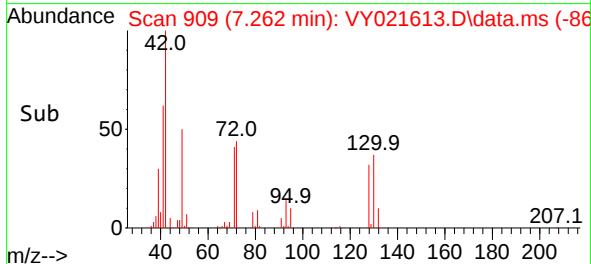
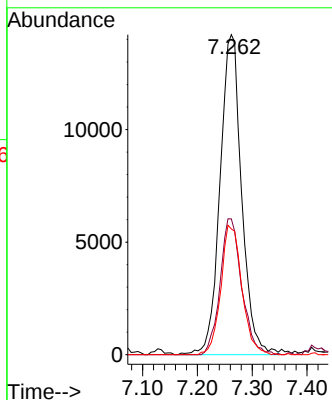


#29
Tetrahydrofuran
Concen: 107.363 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

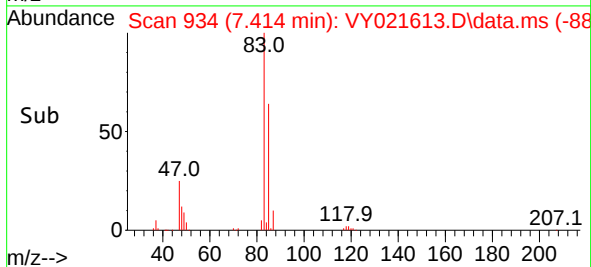
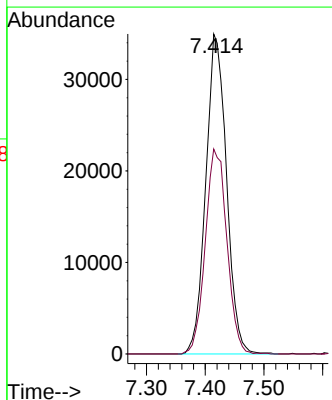
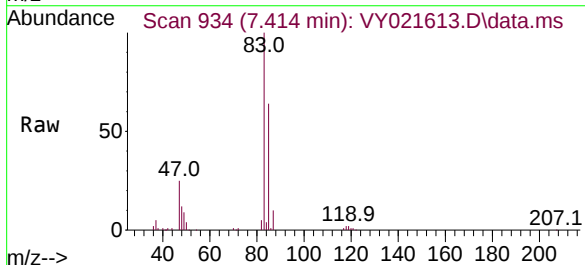


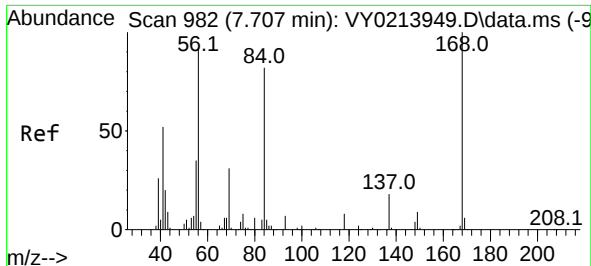
Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.8	52.2
71	39.3	32.6	48.8



#30
Chloroform
Concen: 21.179 ug/l
RT: 7.414 min Scan# 934
Delta R.T. -0.012 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.1	79.7





#31

Cyclohexane

Concen: 17.846 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

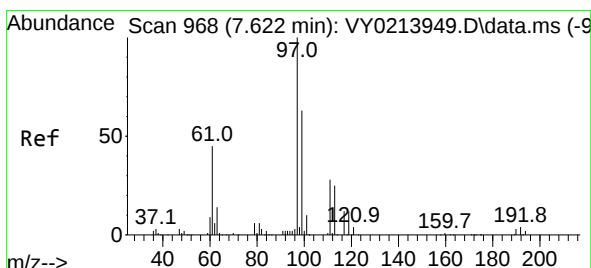
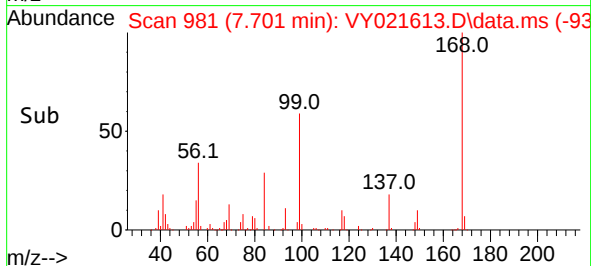
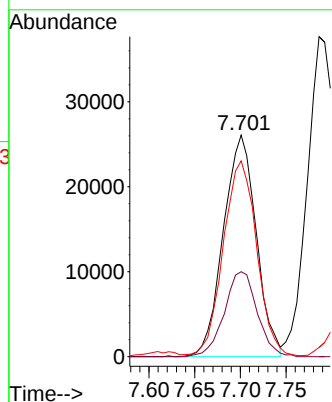
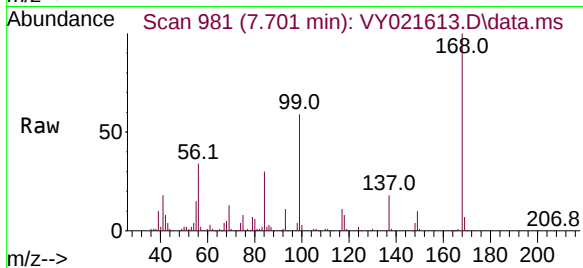
Tgt Ion: 56 Resp: 65123

Ion Ratio Lower Upper

56 100

69 38.4 27.0 40.4

84 87.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 20.944 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

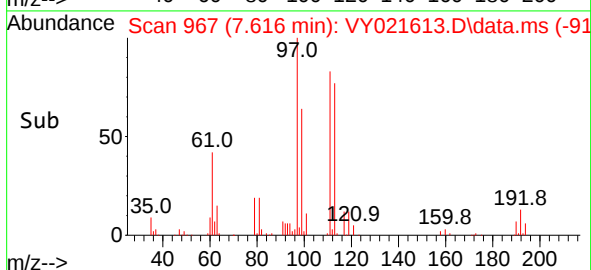
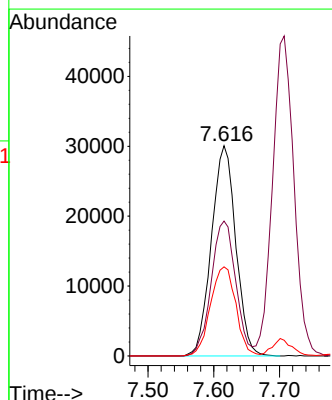
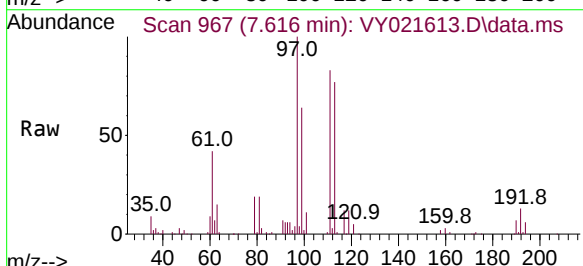
Tgt Ion: 97 Resp: 77510

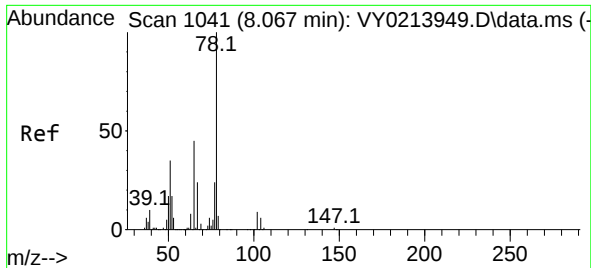
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 44.1 35.7 53.5

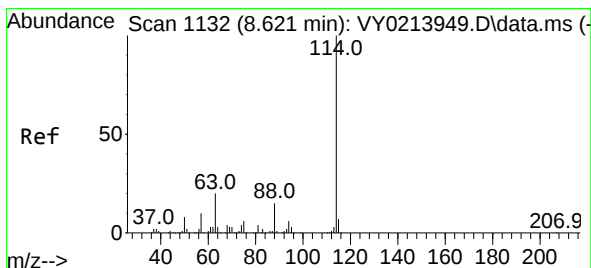
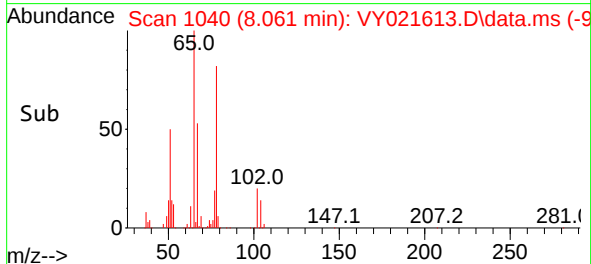
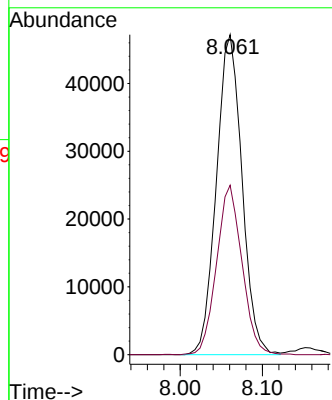
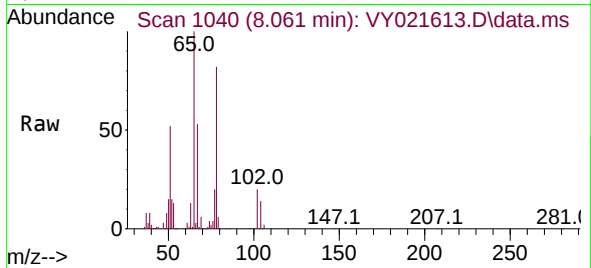




#33
1,2-Dichloroethane-d4
Concen: 52.420 ug/l
RT: 8.061 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

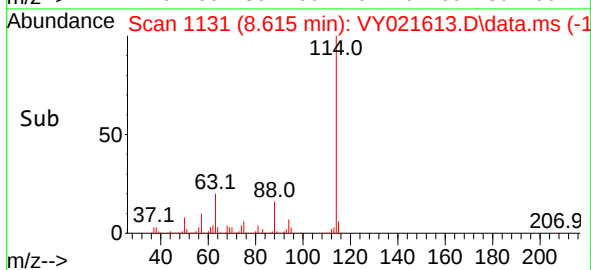
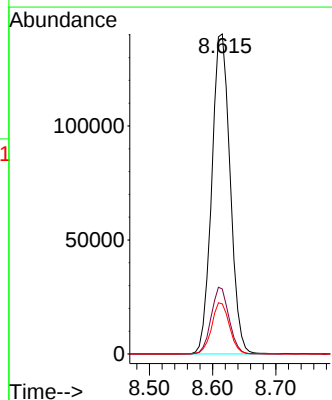
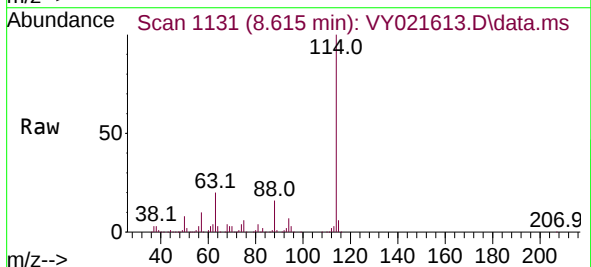
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

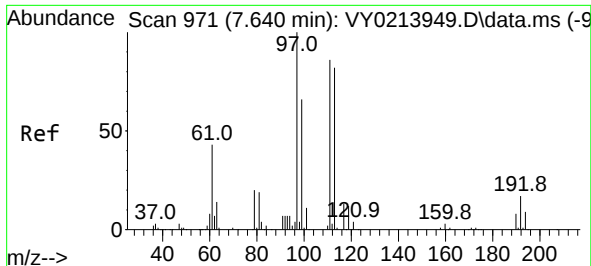
Tgt Ion: 65 Resp: 102138
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 114 Resp: 282510
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.697 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

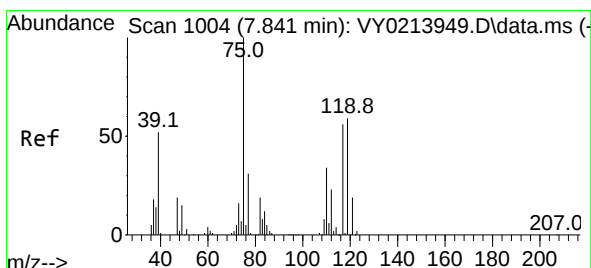
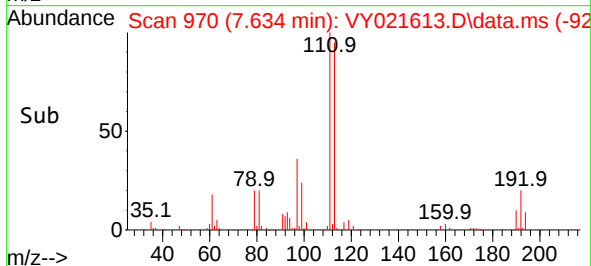
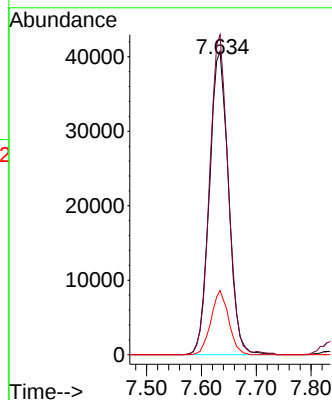
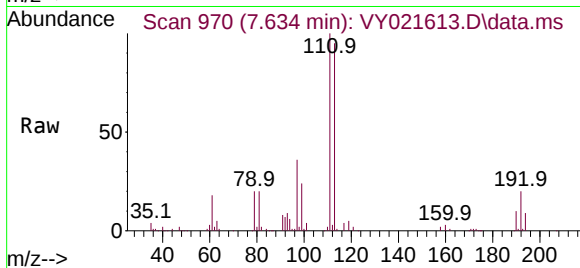
Tgt Ion:113 Resp: 97858

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 19.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.663 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

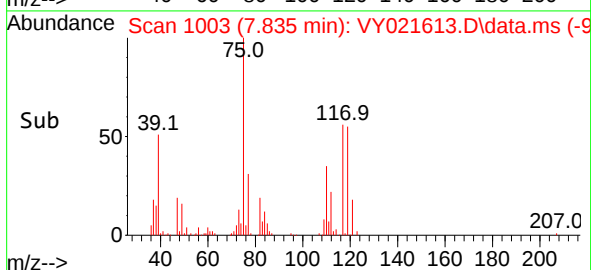
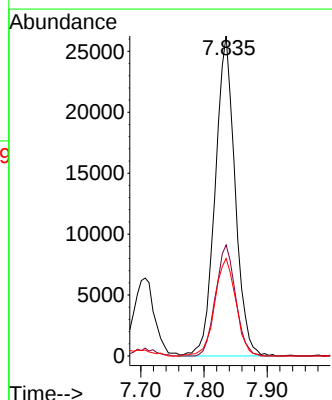
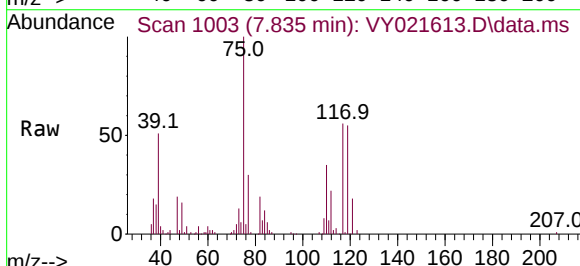
Tgt Ion: 75 Resp: 57155

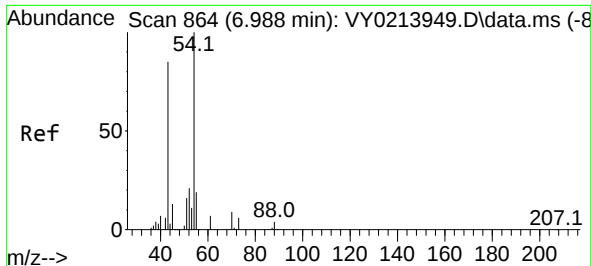
Ion Ratio Lower Upper

75 100

110 34.9 17.3 51.7

77 32.4 25.4 38.2



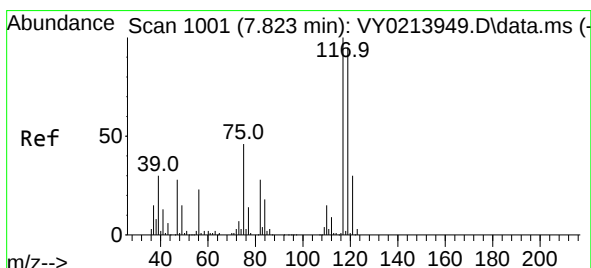
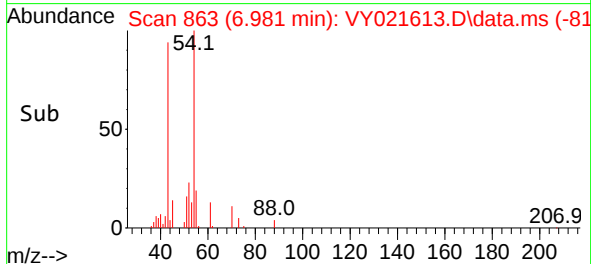
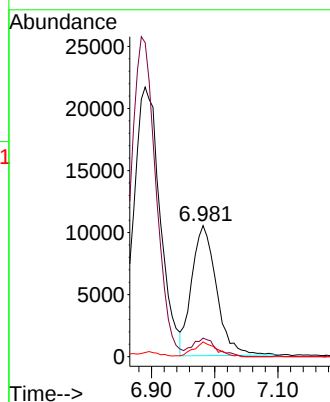
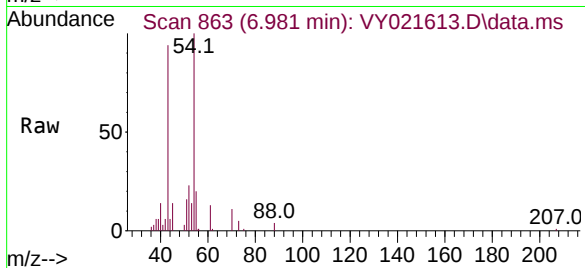


#37
Ethyl Acetate
Concen: 22.239 ug/l
RT: 6.981 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion: 43 Resp: 28572

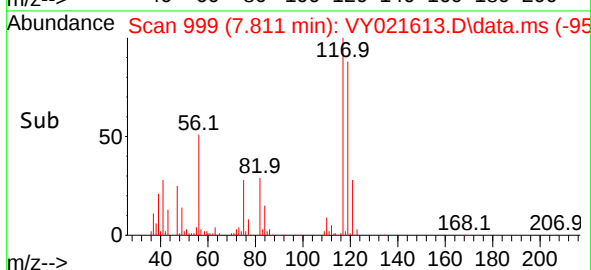
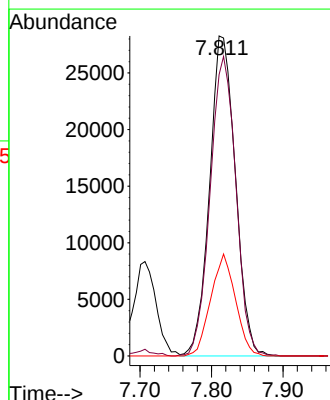
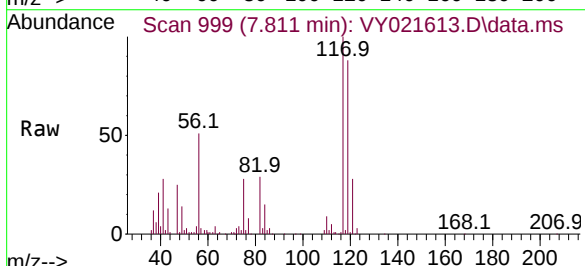
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.4	17.0
70	10.4	8.2	12.2

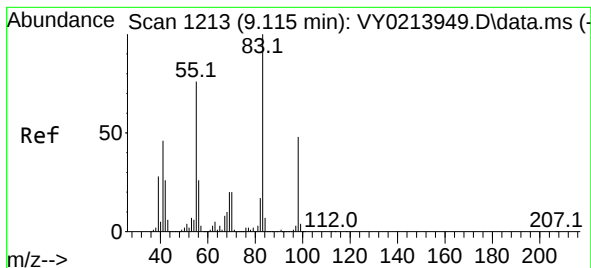


#38
Carbon Tetrachloride
Concen: 21.177 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 117 Resp: 70796

Ion	Ratio	Lower	Upper
117	100		
119	87.9	75.8	113.8
121	27.5	23.9	35.9

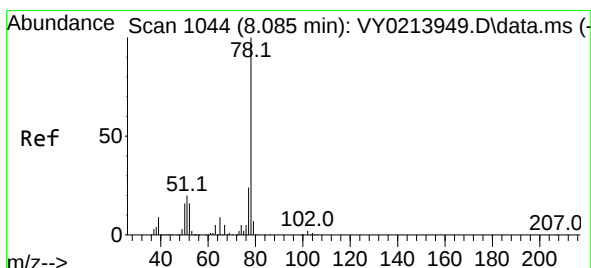
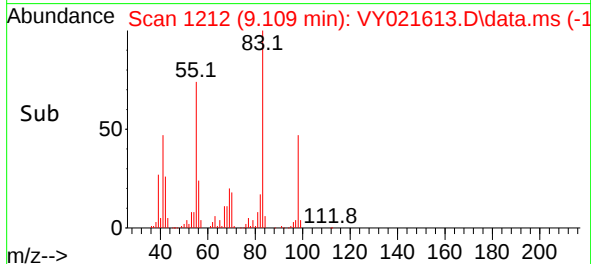
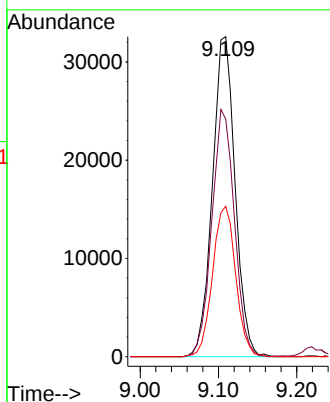
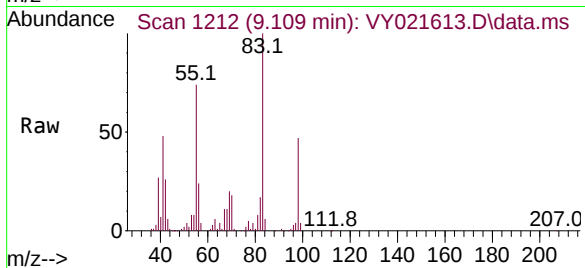




#39
Methylcyclohexane
Concen: 18.401 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

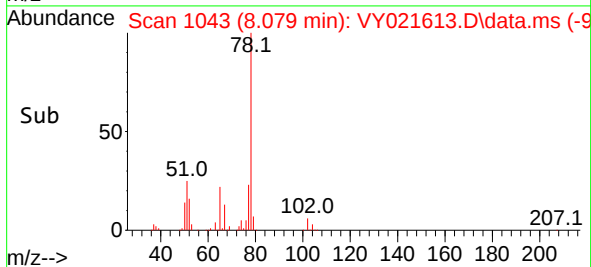
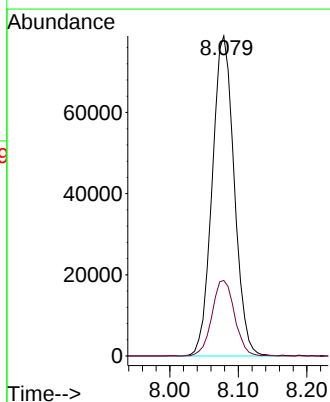
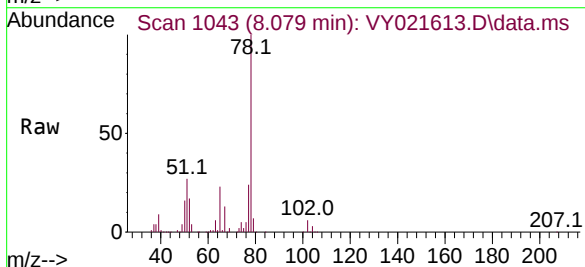
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

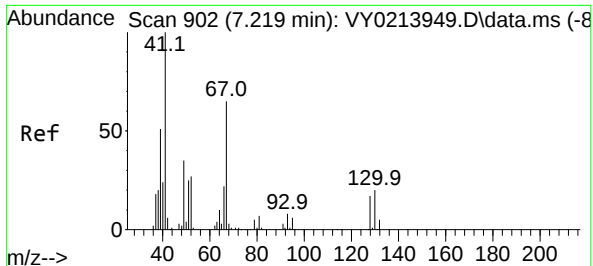
Tgt Ion: 83 Resp: 65608
Ion Ratio Lower Upper
83 100
55 74.3 60.7 91.1
98 47.0 38.6 57.8



#40
Benzene
Concen: 20.479 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 78 Resp: 175351
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

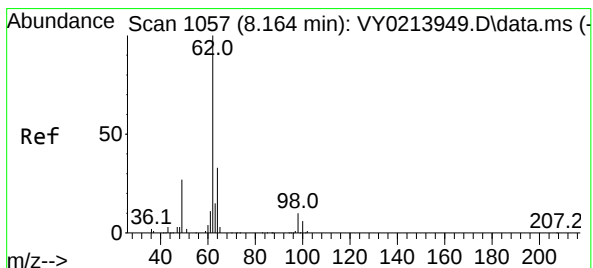
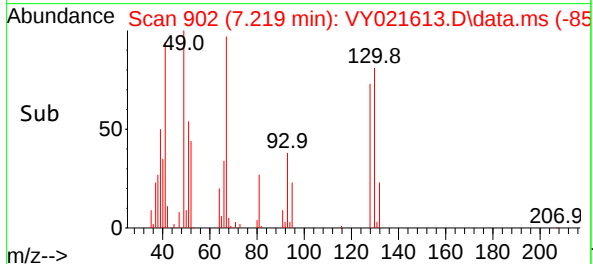
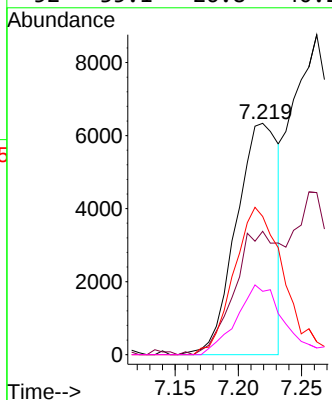
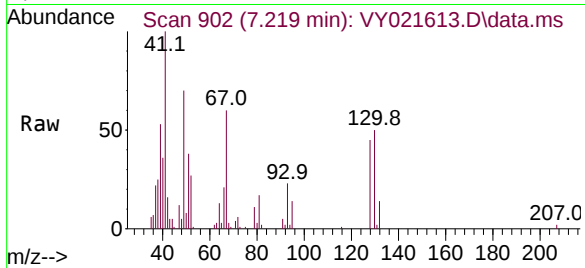




#41
Methacrylonitrile
Concen: 20.899 ug/l
RT: 7.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

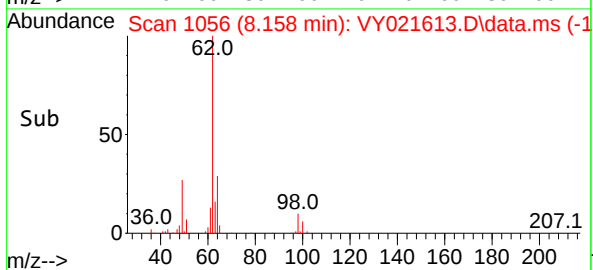
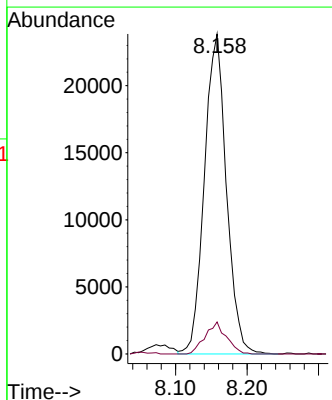
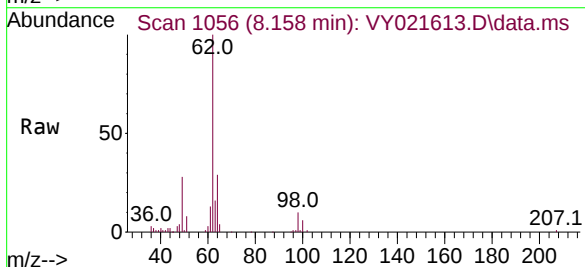
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

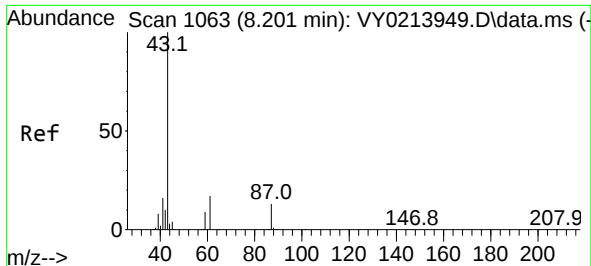
Tgt Ion:	41	Resp:	14620
Ion	Ratio	Lower	Upper
41	100		
39	61.9	35.0	52.6#
67	76.1	61.2	91.8
52	35.1	26.8	40.2



#42
1,2-Dichloroethane
Concen: 21.303 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion:	62	Resp:	51030
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2

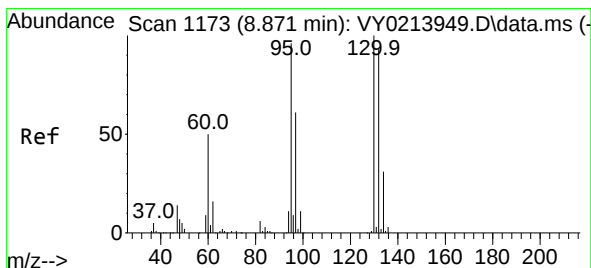
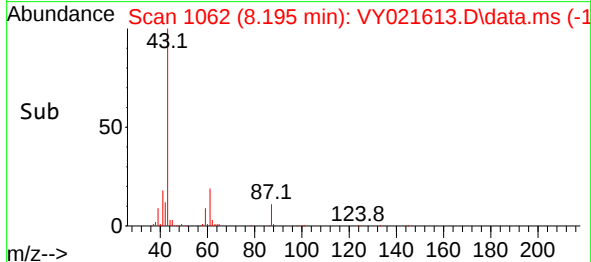
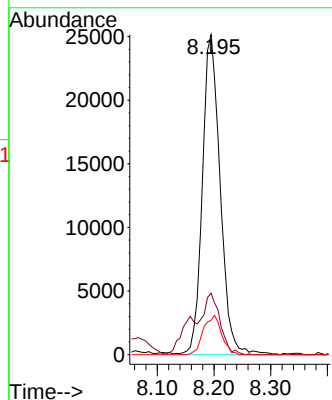
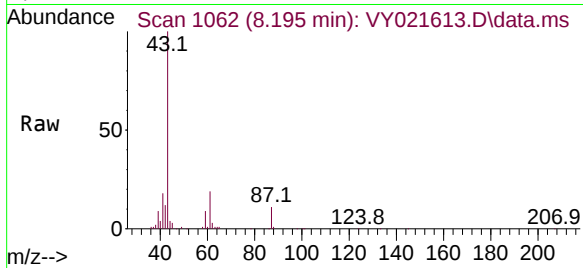




#43
Isopropyl Acetate
Concen: 21.973 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

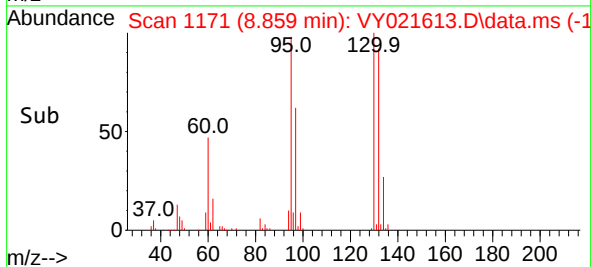
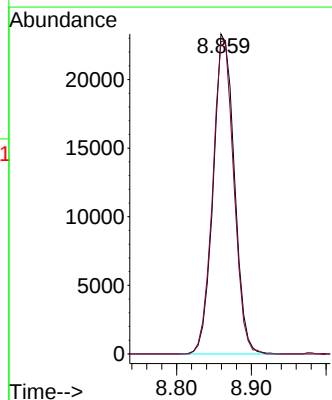
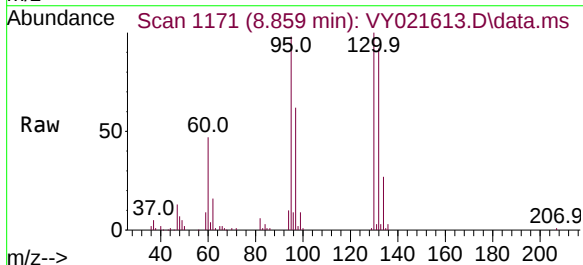
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

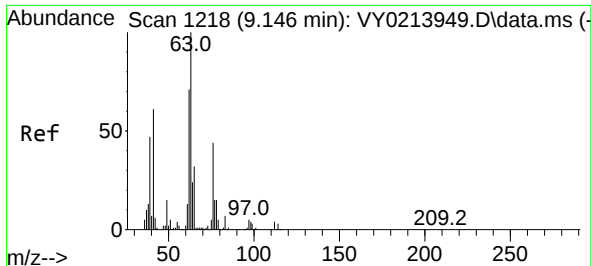
Tgt Ion: 43 Resp: 54802
Ion Ratio Lower Upper
43 100
61 18.5 23.4 35.0#
87 12.5 10.5 15.7



#44
Trichloroethene
Concen: 21.196 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion:130 Resp: 45864
Ion Ratio Lower Upper
130 100
95 97.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 21.252 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

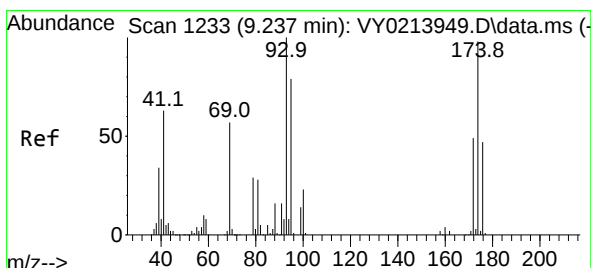
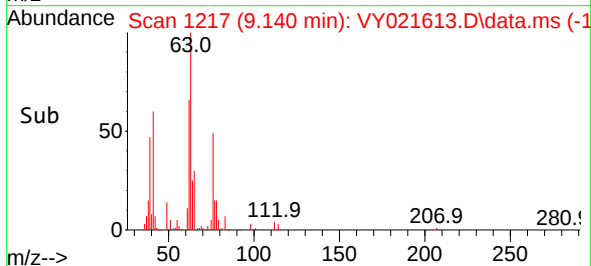
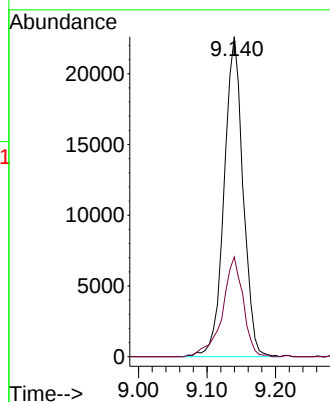
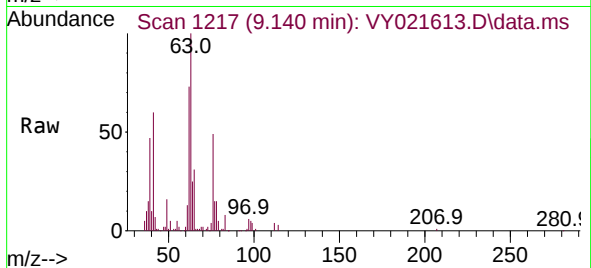
VY0324SBSD01

Tgt Ion: 63 Resp: 43310

Ion Ratio Lower Upper

63 100

65 31.2 26.0 39.0



#46

Dibromomethane

Concen: 22.444 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

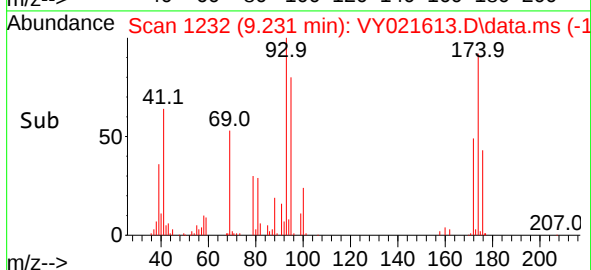
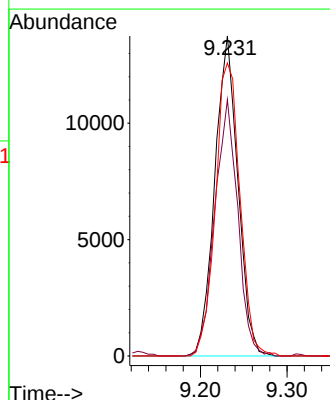
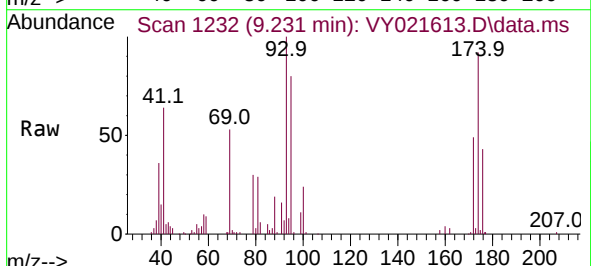
Tgt Ion: 93 Resp: 25450

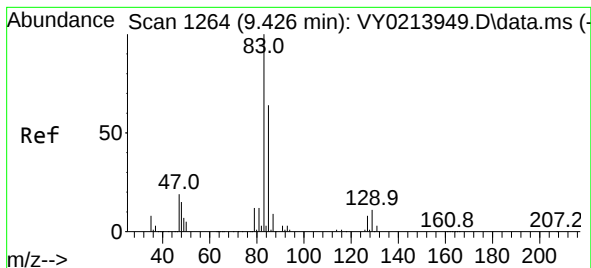
Ion Ratio Lower Upper

93 100

95 79.9 65.8 98.8

174 97.2 77.9 116.9





#47

Bromodichloromethane

Concen: 22.089 ug/l

RT: 9.420 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBSD01

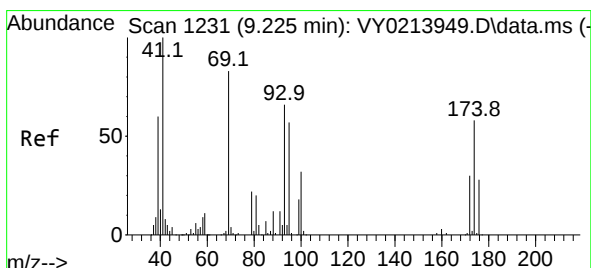
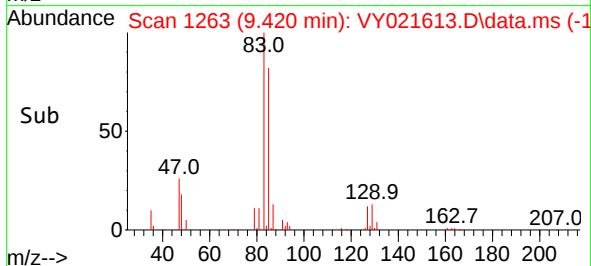
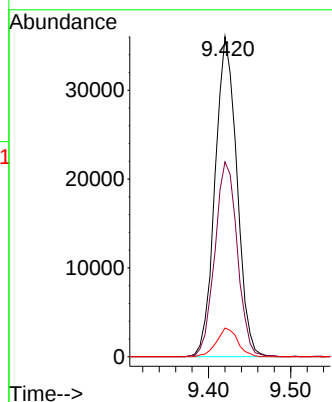
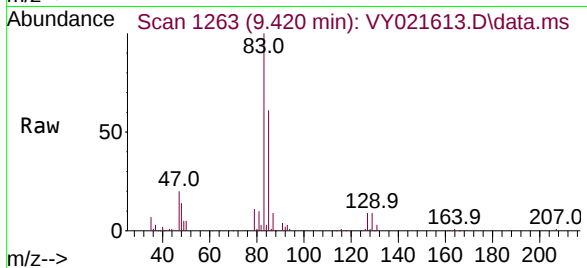
Tgt Ion: 83 Resp: 66516

Ion Ratio Lower Upper

83 100

85 60.8 51.1 76.7

127 8.9 6.7 10.1



#48

Methyl methacrylate

Concen: 20.990 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

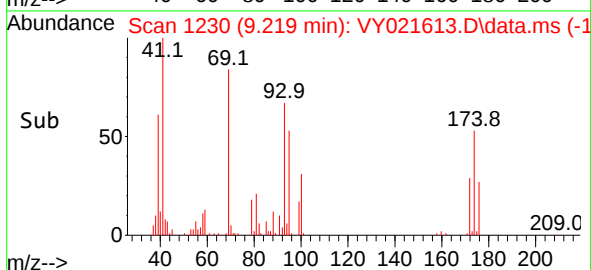
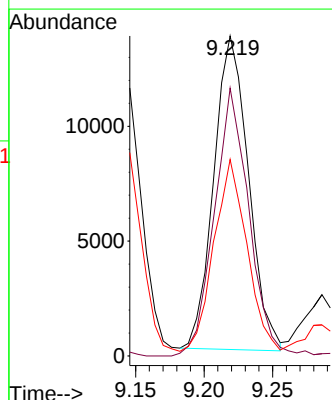
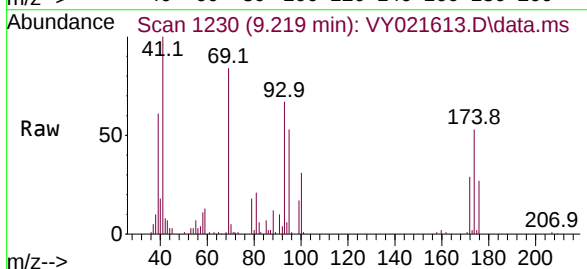
Tgt Ion: 41 Resp: 24039

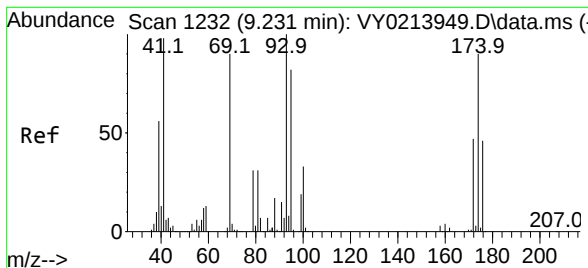
Ion Ratio Lower Upper

41 100

69 85.3 67.8 101.8

39 61.0 46.4 69.6





#49

1,4-Dioxane

Concen: 489.768 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBSD01

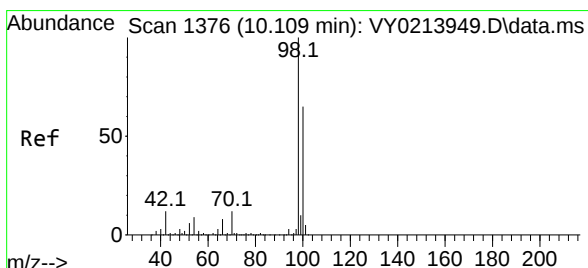
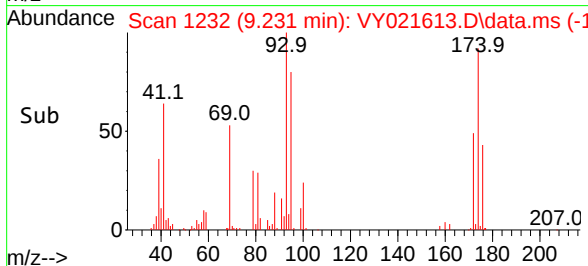
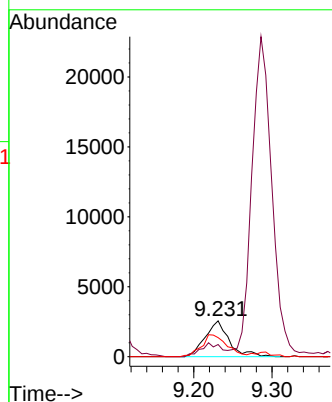
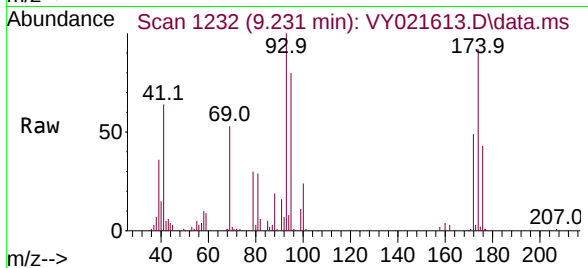
Tgt Ion: 88 Resp: 5451

Ion Ratio Lower Upper

88 100

43 33.5 25.0 37.4

58 64.5 58.4 87.6



#50

Toluene-d8

Concen: 51.474 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021613.D

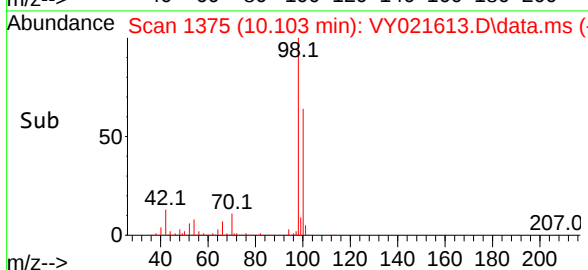
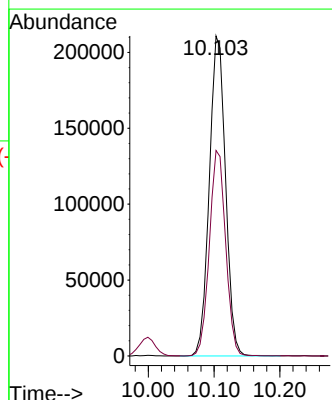
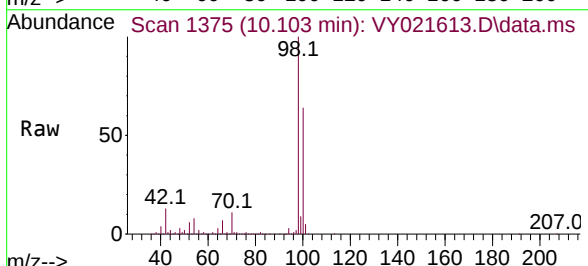
Acq: 24 Mar 2025 12:49

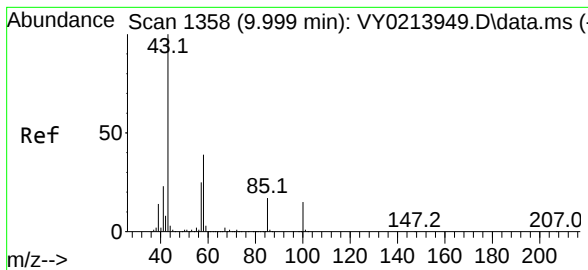
Tgt Ion: 98 Resp: 361919

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

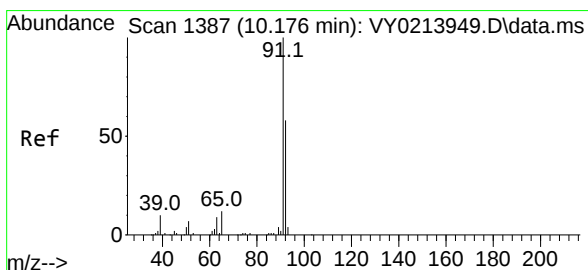
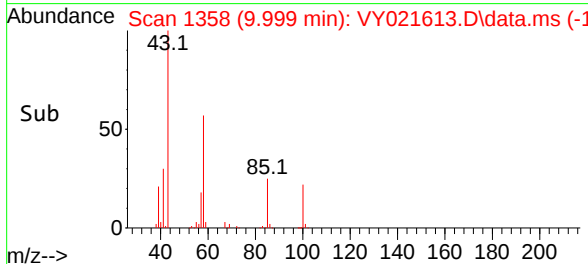
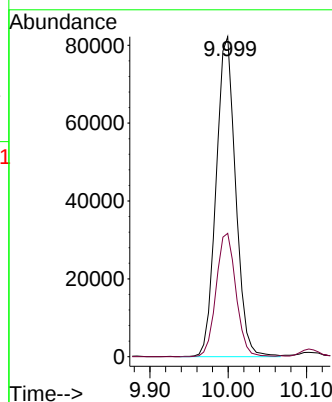
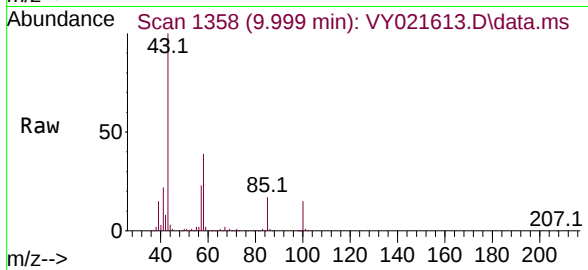




#51
4-Methyl-2-Pentanone
Concen: 110.576 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

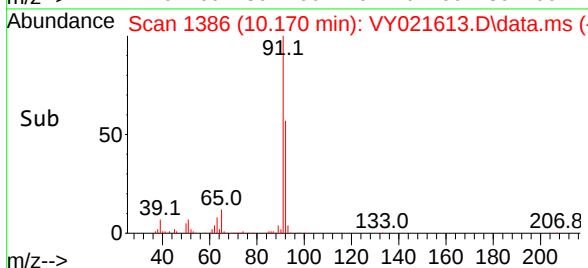
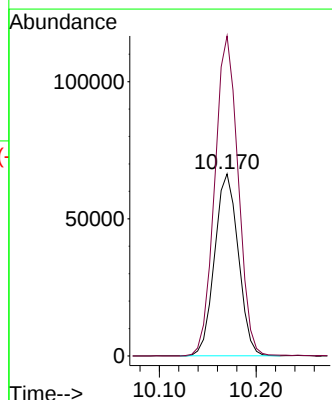
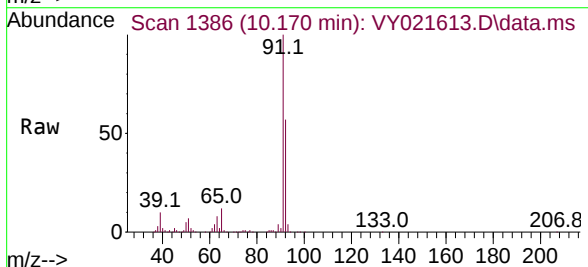
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

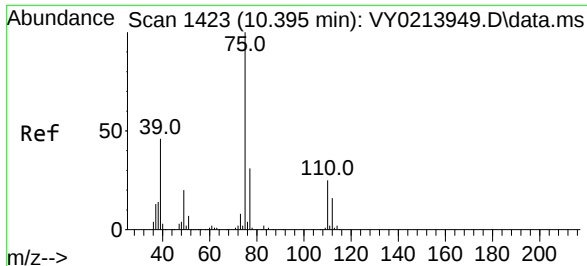
Tgt Ion: 43 Resp: 142293
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2



#52
Toluene
Concen: 20.845 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 92 Resp: 112531
Ion Ratio Lower Upper
92 100
91 175.0 138.2 207.2

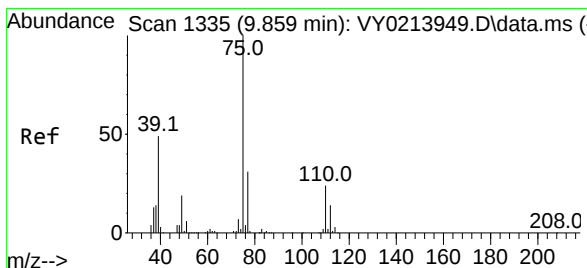
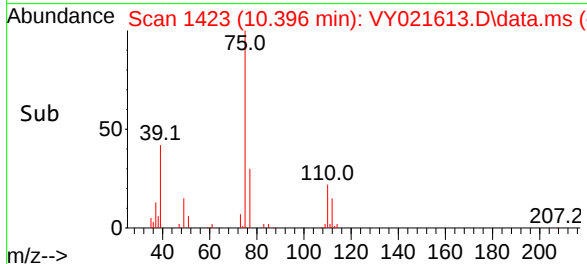
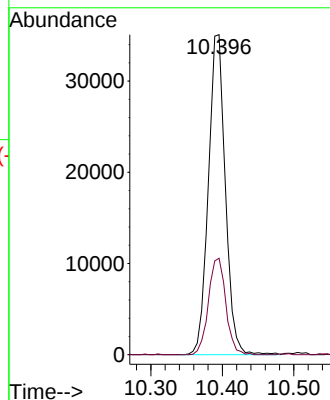
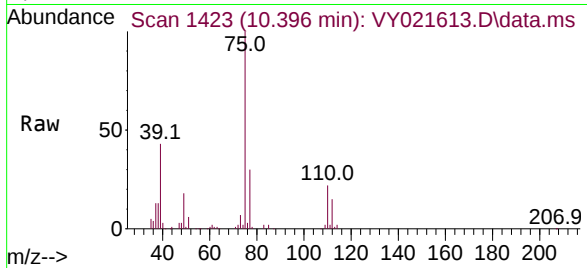




#53
 t-1,3-Dichloropropene
 Concen: 21.813 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

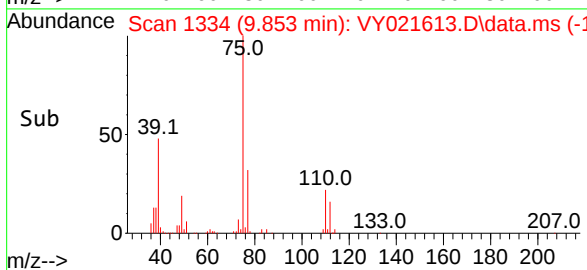
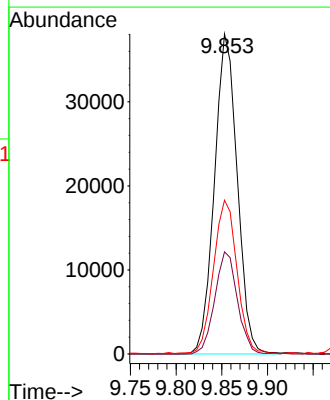
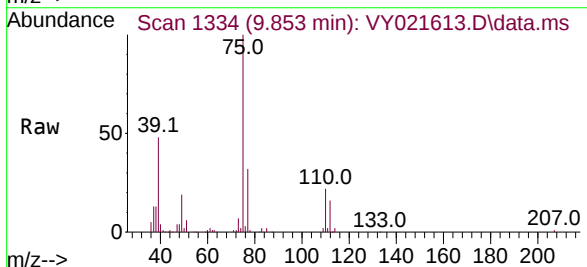
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

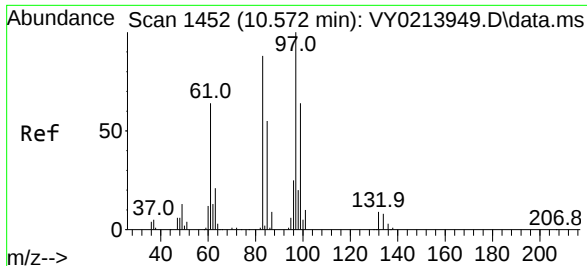
Tgt Ion: 75 Resp: 57871
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.969 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

Tgt Ion: 75 Resp: 66048
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 37.0
 39 48.0 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 22.566 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBSD01

Tgt Ion: 97 Resp: 33471

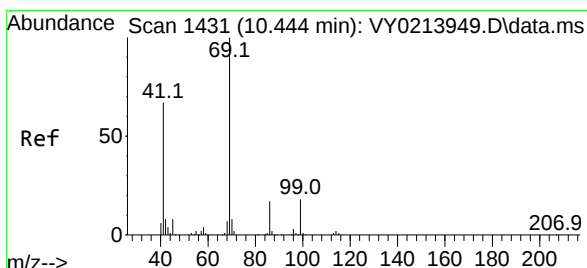
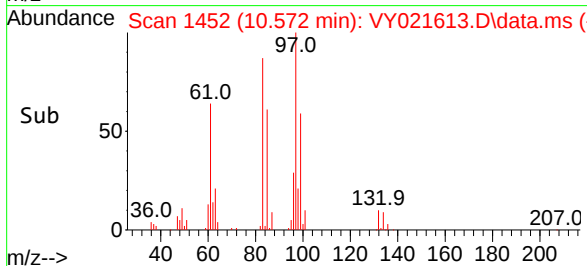
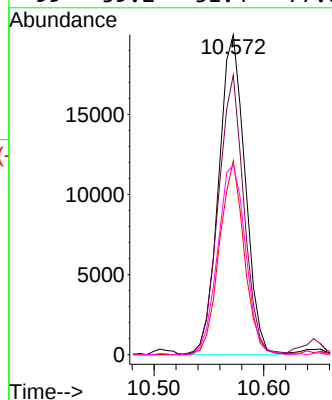
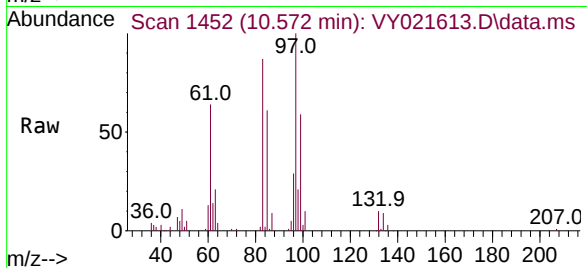
Ion Ratio Lower Upper

97 100

83 87.0 70.0 105.0

85 60.6 44.3 66.5

99 59.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 21.462 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

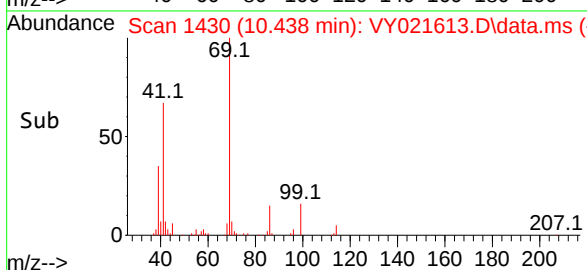
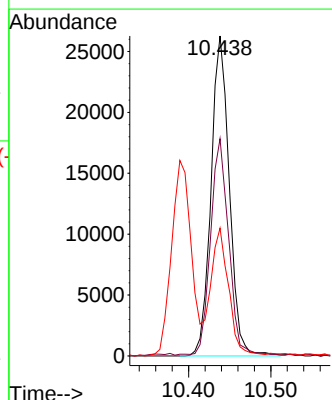
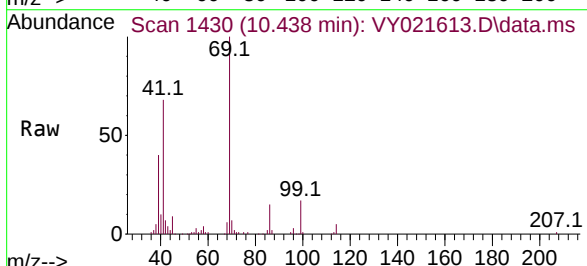
Tgt Ion: 69 Resp: 40599

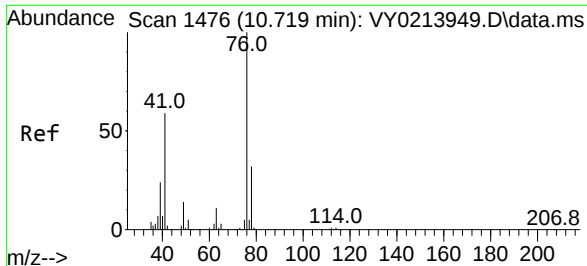
Ion Ratio Lower Upper

69 100

41 66.8 53.3 79.9

39 38.6 31.0 46.6





#57

1,3-Dichloropropane

Concen: 21.664 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

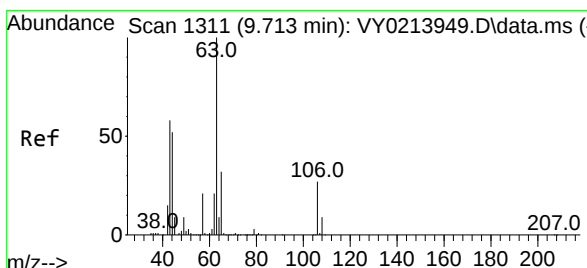
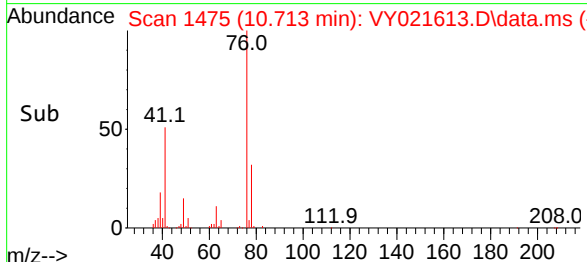
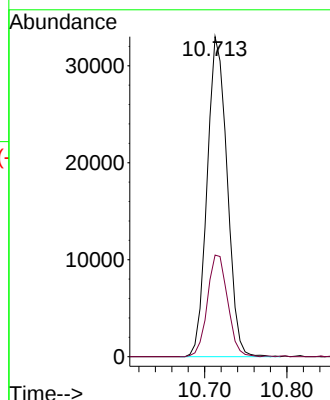
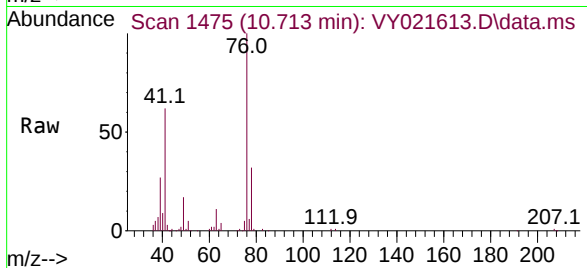
VY0324SBS01

Tgt Ion: 76 Resp: 55693

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 113.459 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021613.D

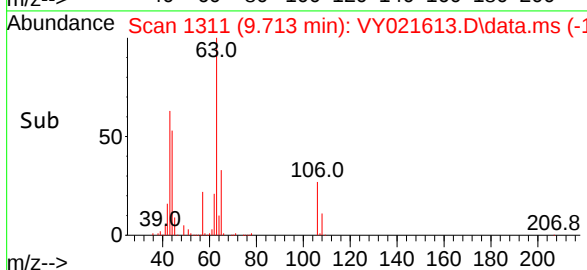
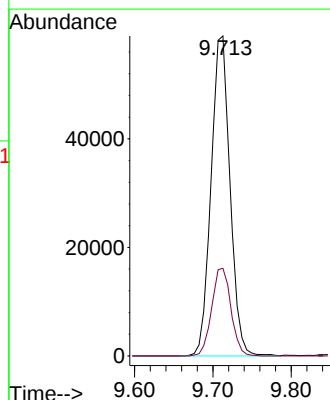
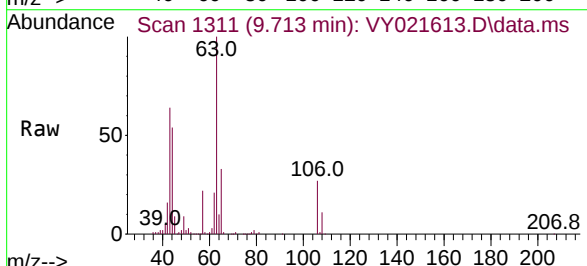
Acq: 24 Mar 2025 12:49

Tgt Ion: 63 Resp: 99079

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

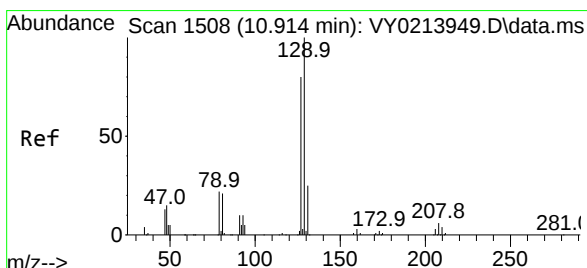
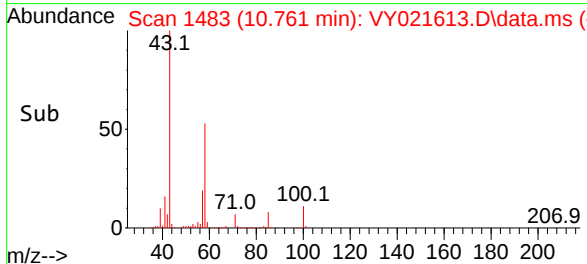
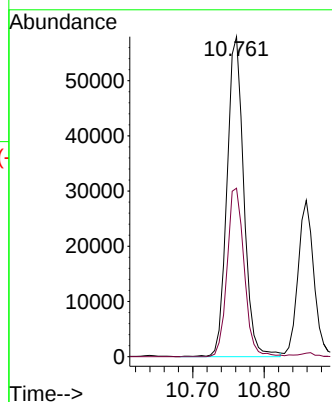
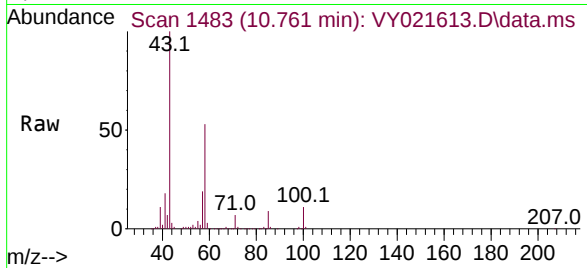




#59
2-Hexanone
Concen: 111.173 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

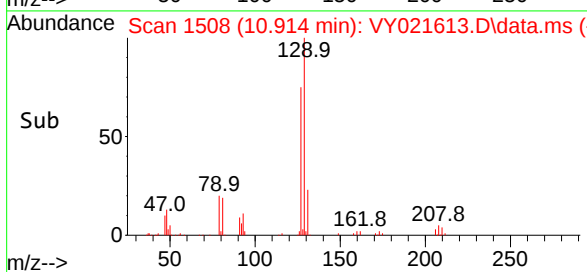
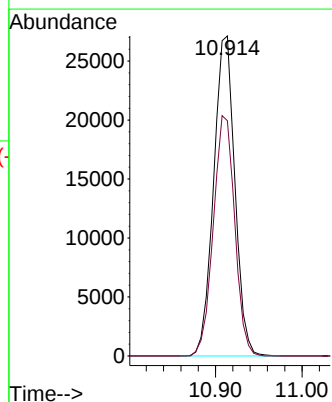
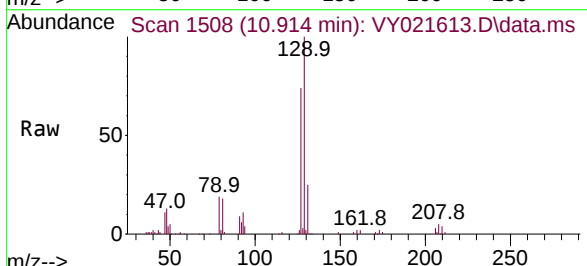
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

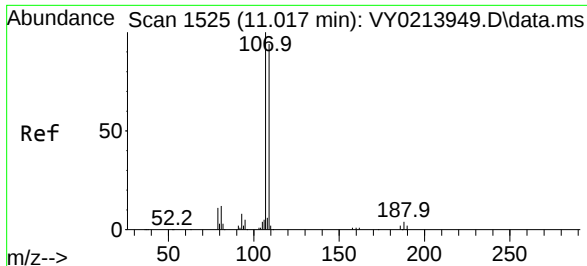
Tgt Ion: 43 Resp: 94596
Ion Ratio Lower Upper
43 100
58 53.4 27.3 81.8



#60
Dibromochloromethane
Concen: 22.699 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 129 Resp: 46157
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.3

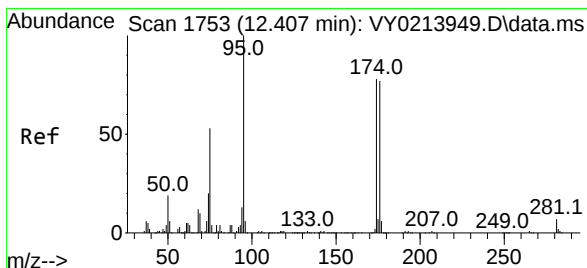
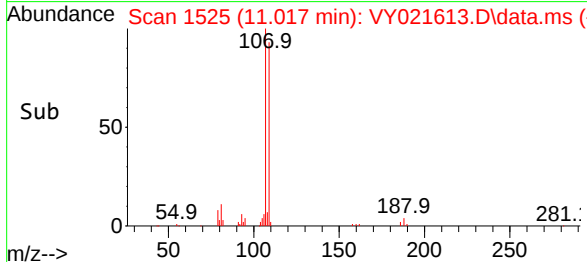
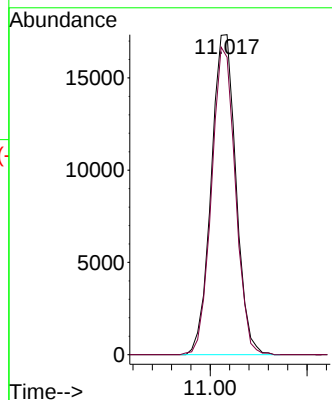
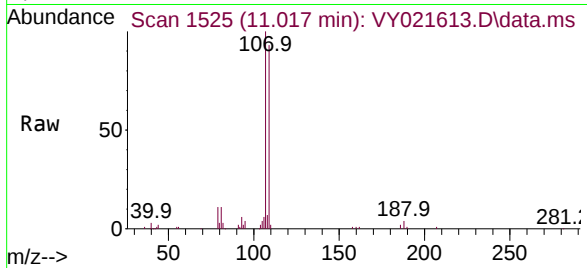




#61
1,2-Dibromoethane
Concen: 22.004 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

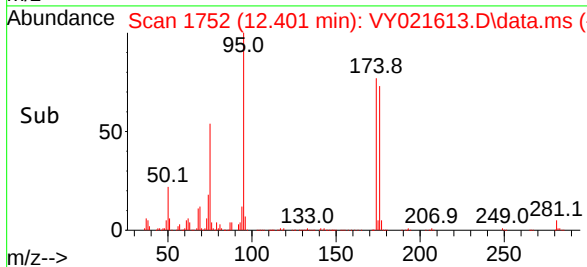
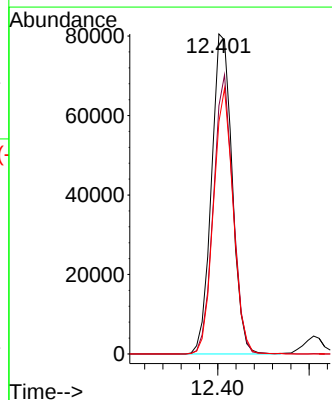
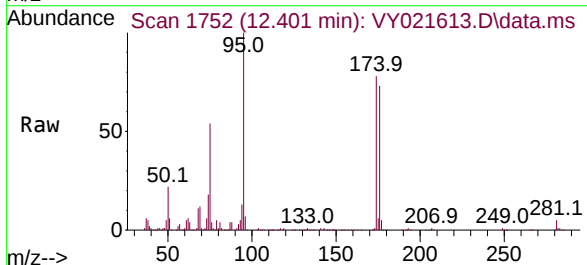
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

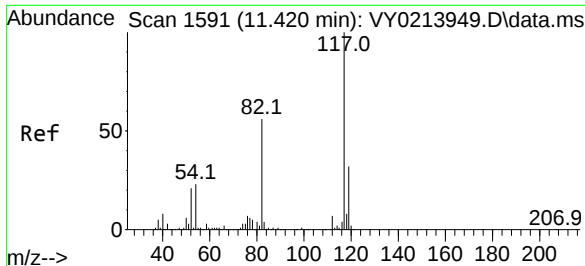
Tgt Ion:107 Resp: 30803
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.808 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 95 Resp: 126300
Ion Ratio Lower Upper
95 100
174 82.9 0.0 165.0
176 79.3 0.0 160.0

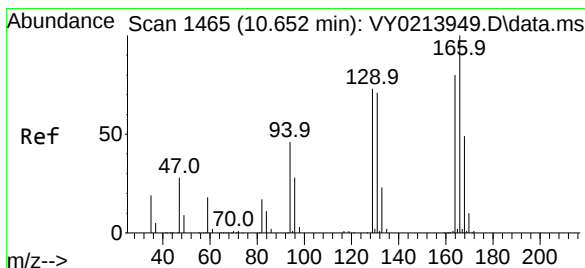
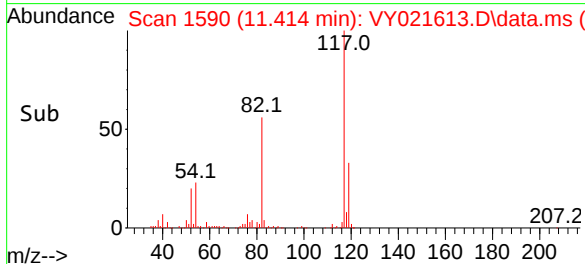
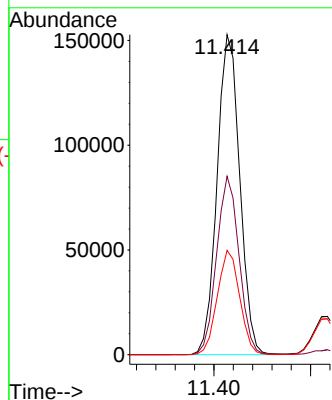
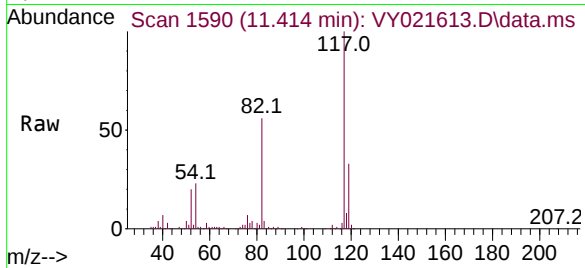




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

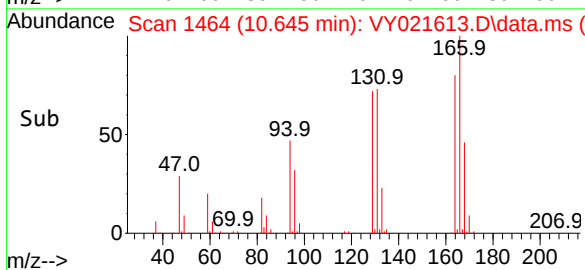
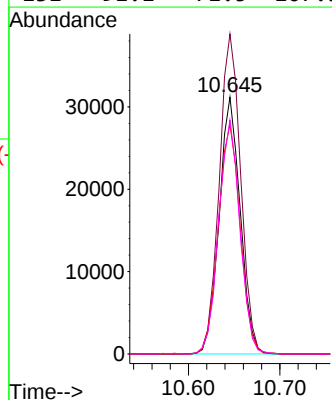
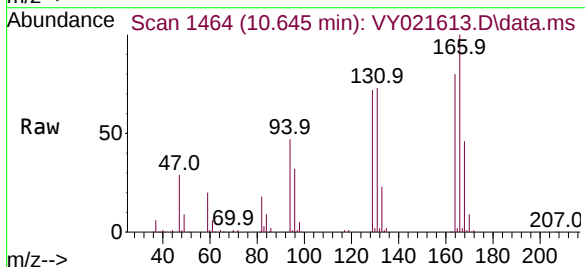
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

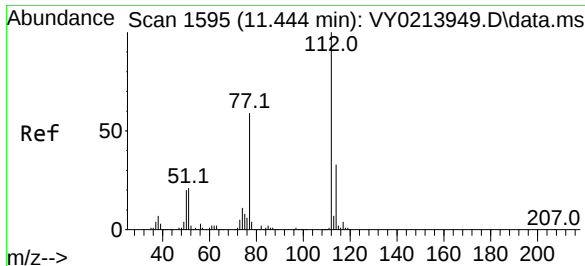
Tgt Ion:117 Resp: 248626
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 24.693 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion:164 Resp: 49923
Ion Ratio Lower Upper
164 100
166 124.6 100.4 150.6
129 89.4 73.8 110.8
131 91.1 71.5 107.3

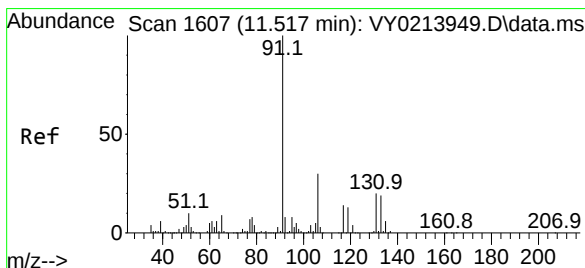
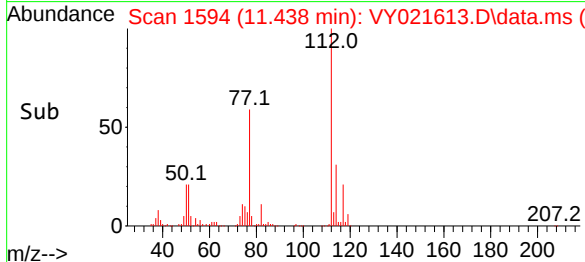
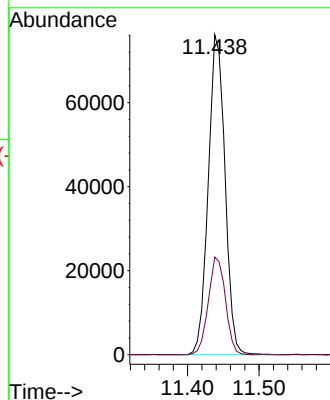
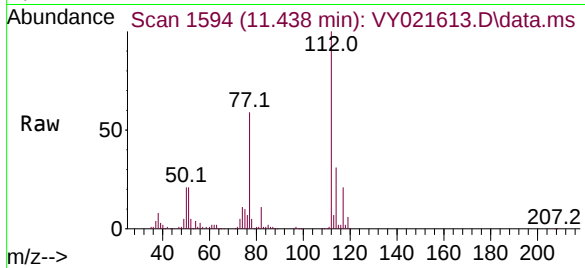




#65
Chlorobenzene
Concen: 21.077 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

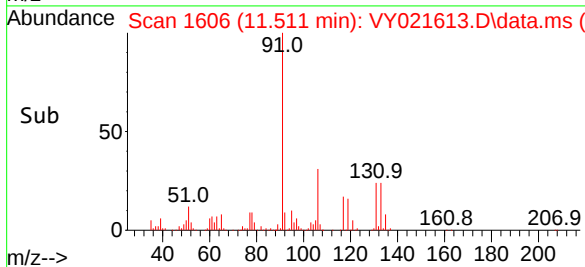
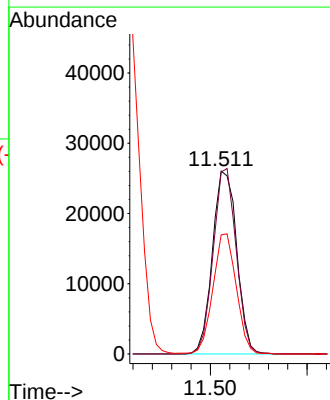
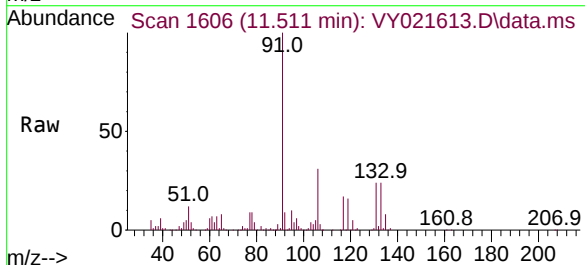
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

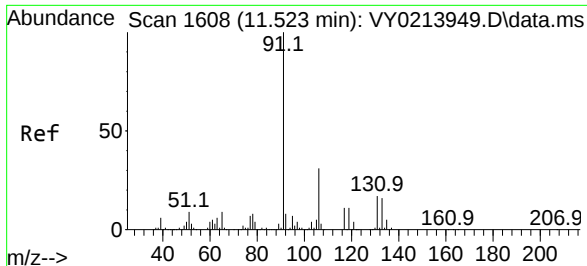
Tgt Ion:112 Resp: 123750
Ion Ratio Lower Upper
112 100
114 30.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.913 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion:131 Resp: 45487
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 63.0 32.3 96.9





#67

Ethyl Benzene

Concen: 20.019 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

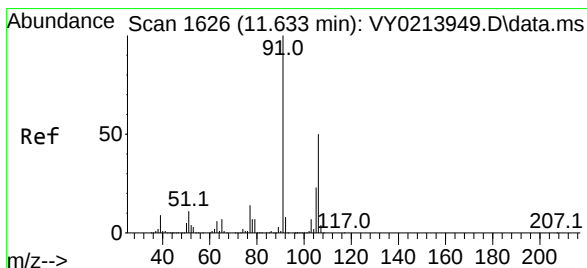
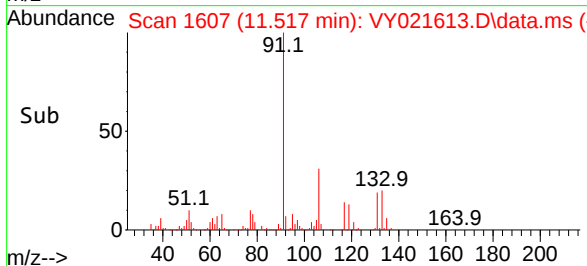
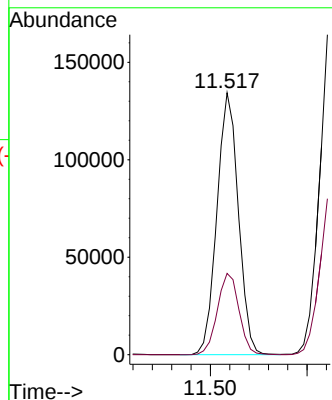
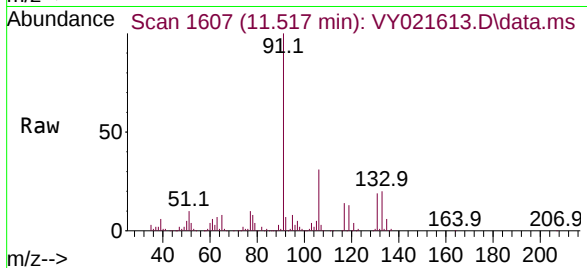
VY0324SBSD01

Tgt Ion: 91 Resp: 206296

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 41.450 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021613.D

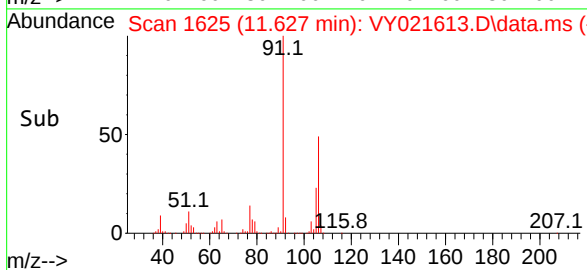
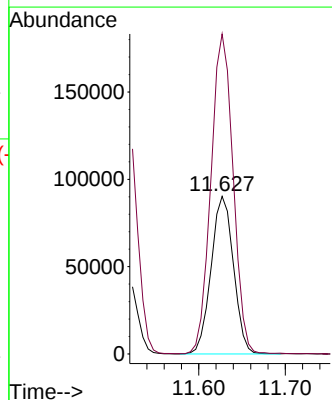
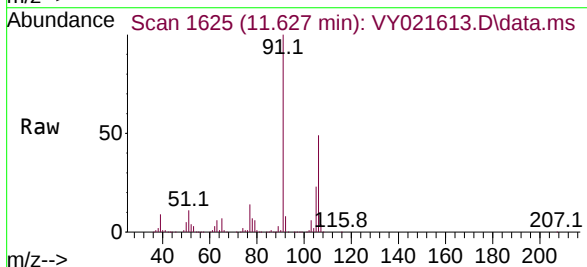
Acq: 24 Mar 2025 12:49

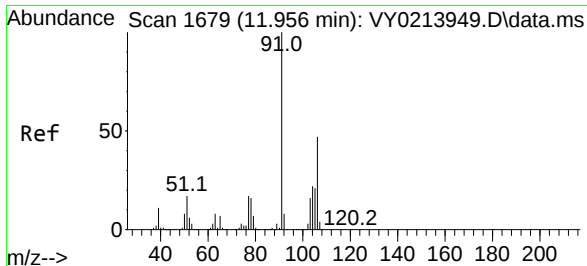
Tgt Ion:106 Resp: 162166

Ion Ratio Lower Upper

106 100

91 200.9 161.7 242.5





#69

o-Xylene

Concen: 20.470 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

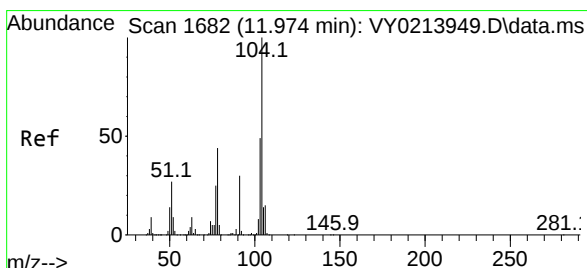
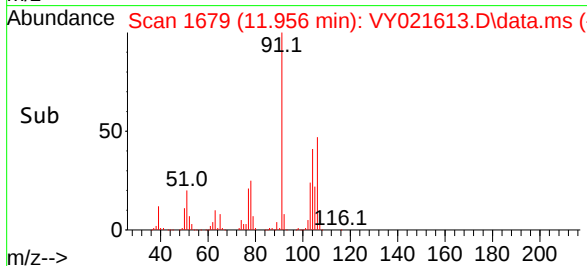
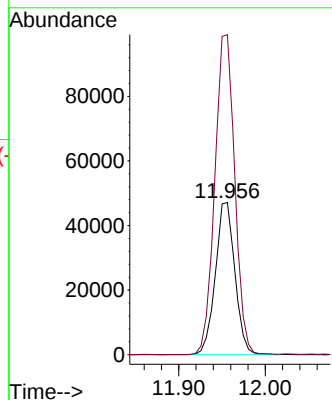
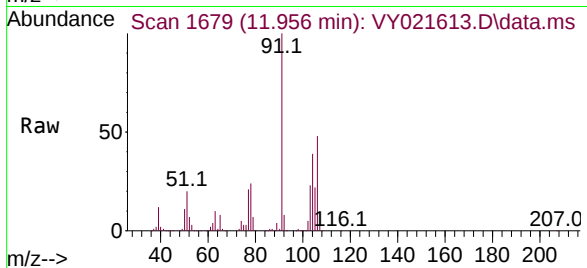
VY0324SBS01

Tgt Ion:106 Resp: 73810

Ion Ratio Lower Upper

106 100

91 215.5 107.6 322.8



#70

Styrene

Concen: 21.148 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

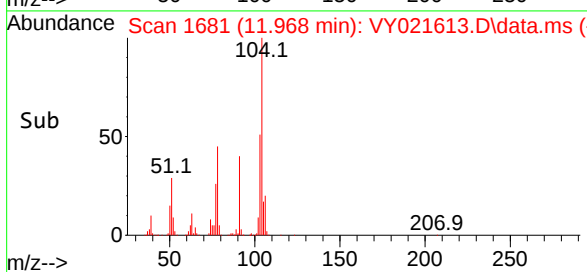
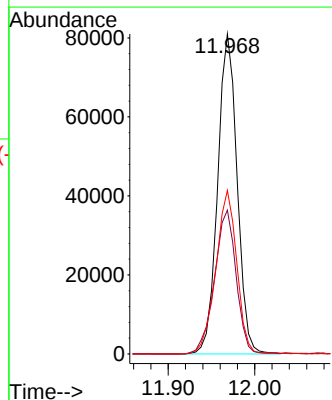
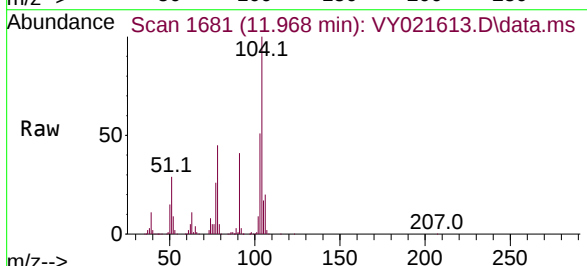
Tgt Ion:104 Resp: 126501

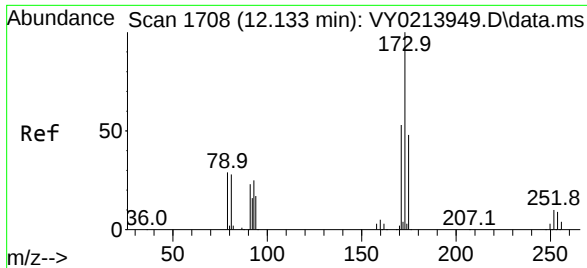
Ion Ratio Lower Upper

104 100

78 50.2 40.7 61.1

103 55.1 44.1 66.1

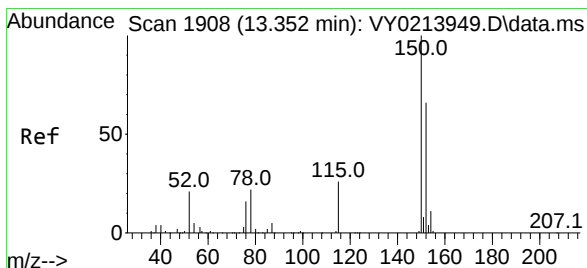
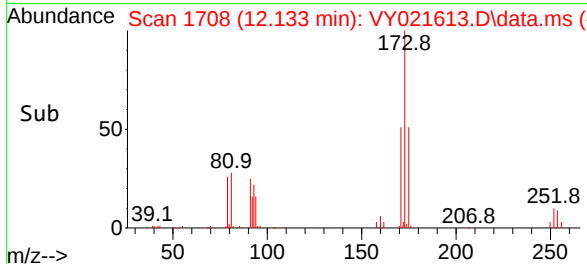
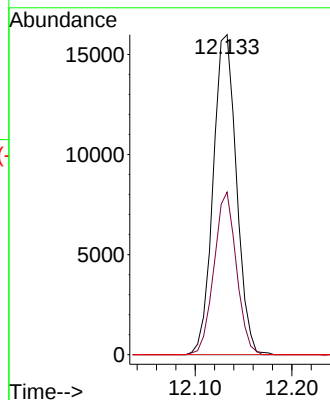
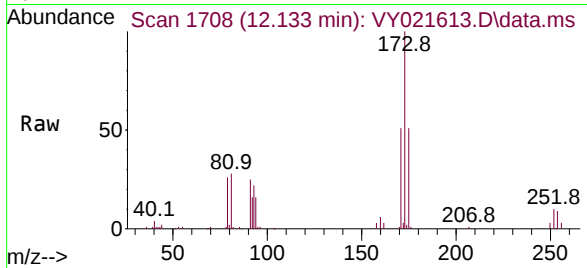




#71
Bromoform
Concen: 23.054 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

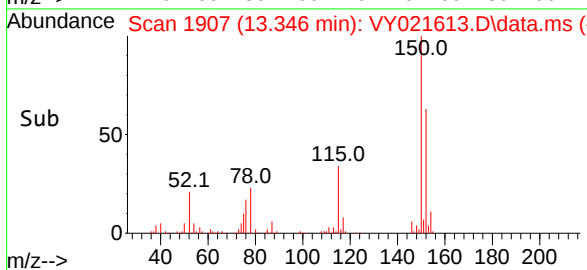
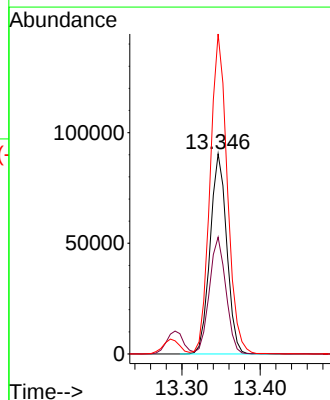
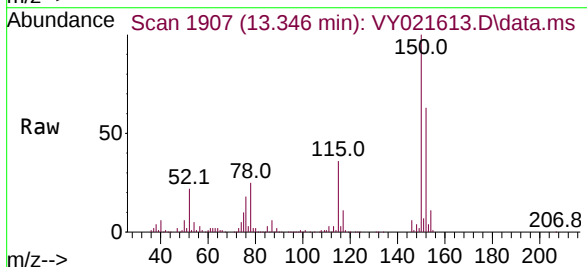
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

Tgt Ion:173 Resp: 26751
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion:152 Resp: 133143
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.0
150 166.0 0.0 347.2

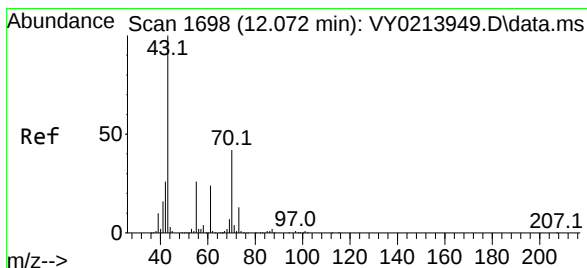
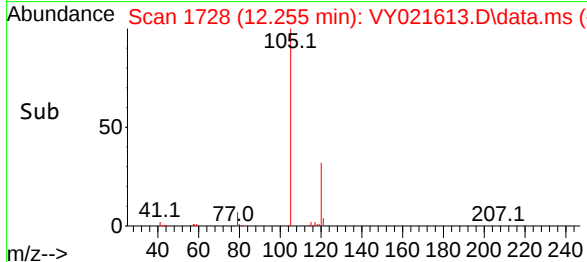
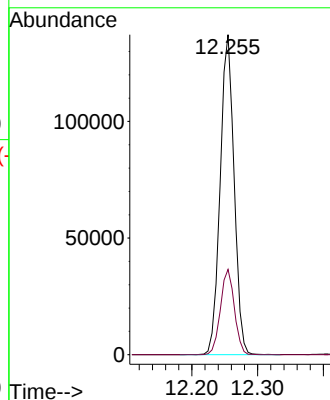
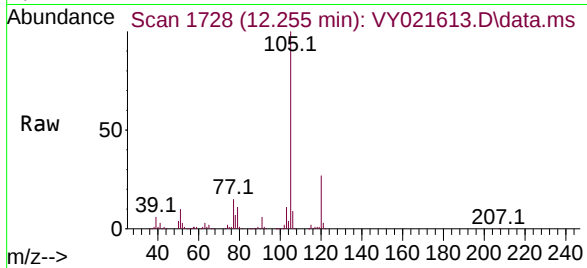




#73
Isopropylbenzene
Concen: 19.277 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

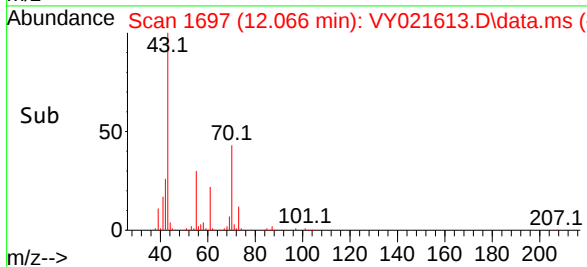
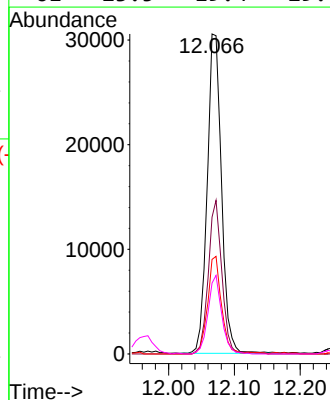
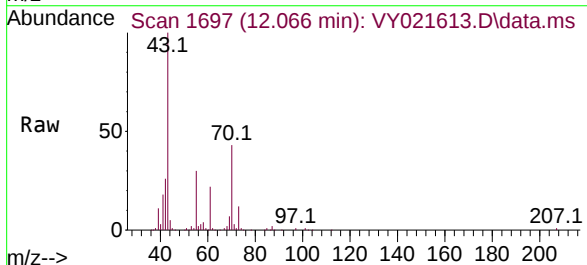
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

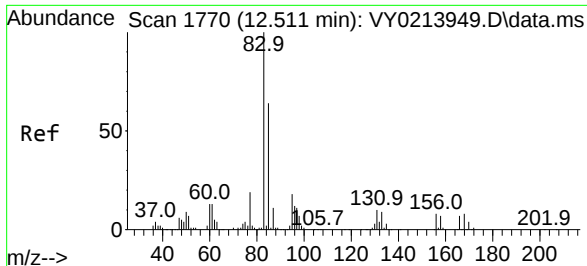
Tgt Ion:105 Resp: 202176
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 20.349 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 43 Resp: 46349
Ion Ratio Lower Upper
43 100
70 45.6 34.6 51.8
55 29.4 21.1 31.7
61 23.5 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.293 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

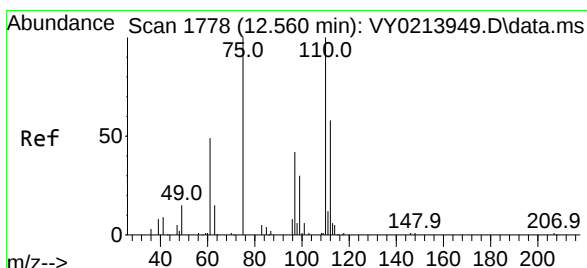
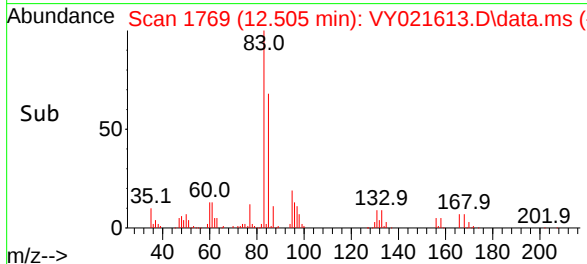
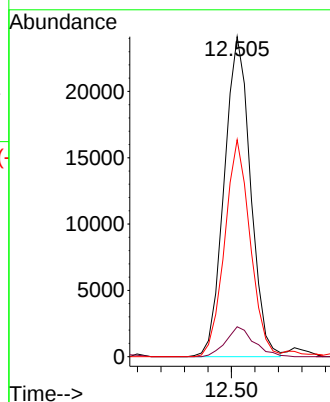
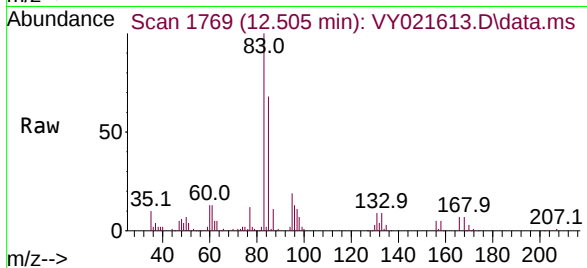
Tgt Ion: 83 Resp: 37558

Ion Ratio Lower Upper

83 100

131 10.0 5.3 16.1

85 65.9 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 37.681 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021613.D

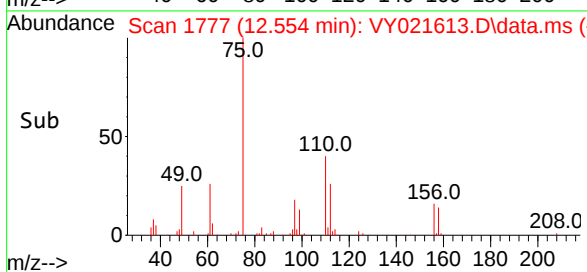
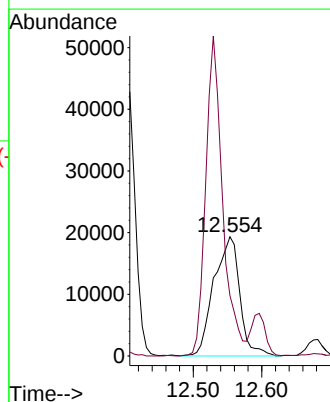
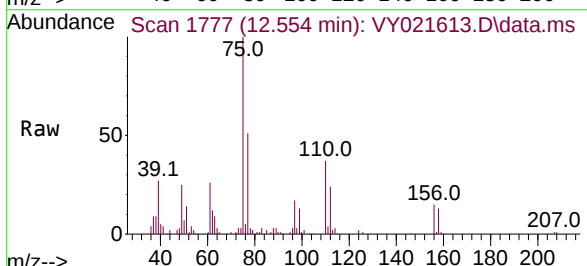
Acq: 24 Mar 2025 12:49

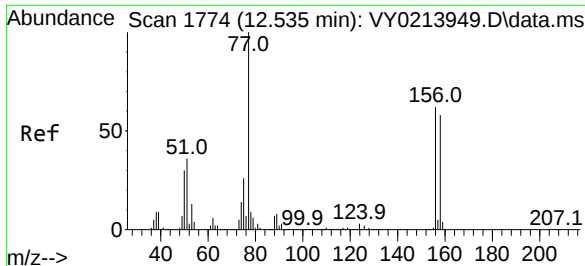
Tgt Ion: 75 Resp: 50555

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

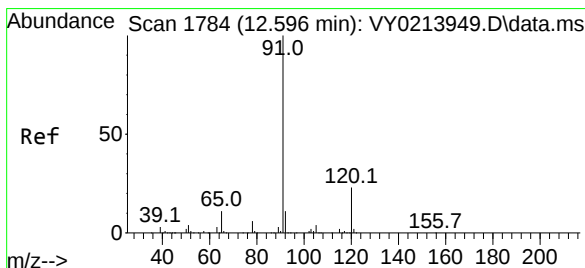
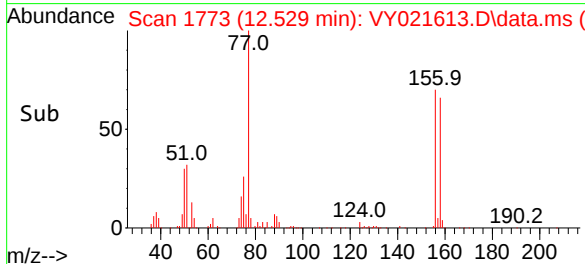
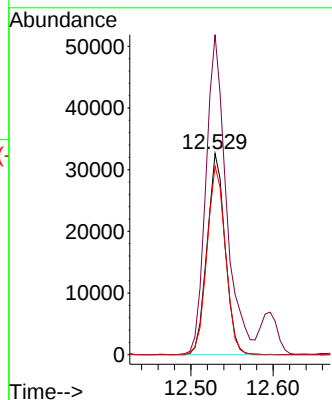
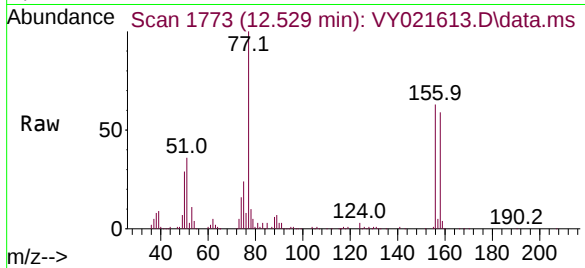




#77
Bromobenzene
Concen: 20.189 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

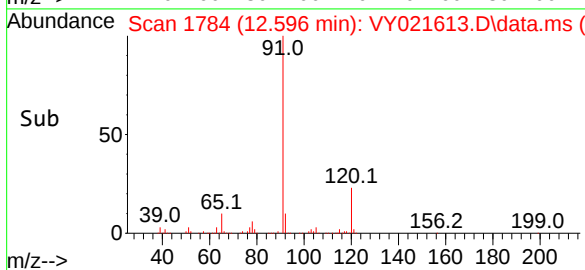
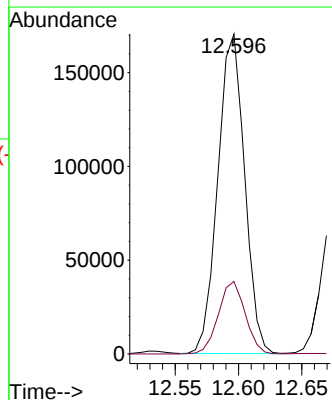
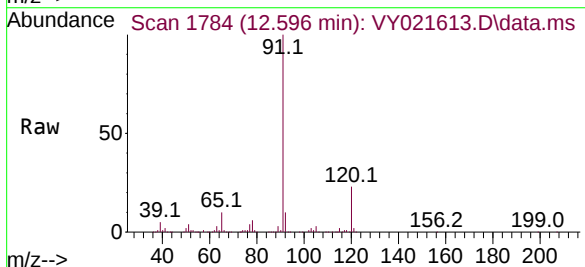
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

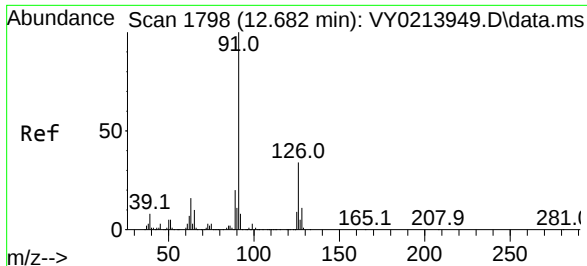
Tgt Ion:156 Resp: 49536
Ion Ratio Lower Upper
156 100
77 181.4 93.6 280.8
158 95.9 48.3 144.8



#78
n-propylbenzene
Concen: 19.662 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 91 Resp: 250447
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

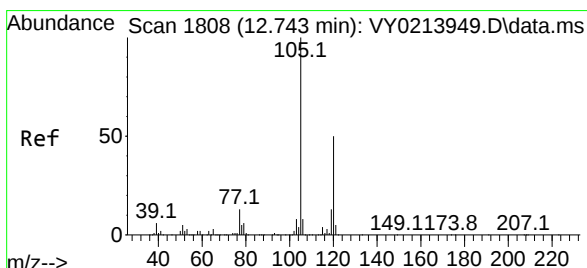
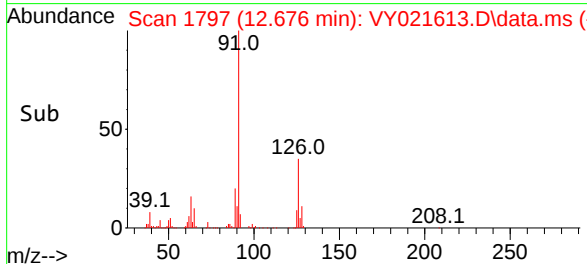
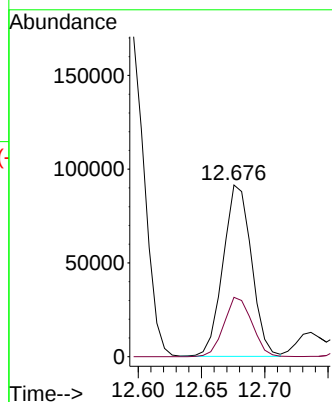
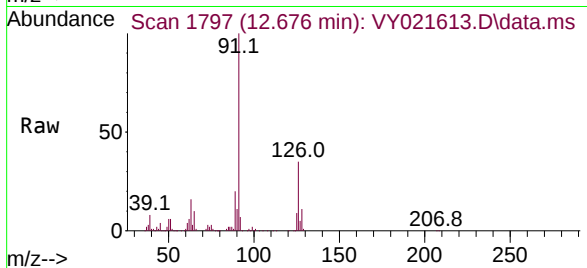




#79
2-Chlorotoluene
Concen: 19.605 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

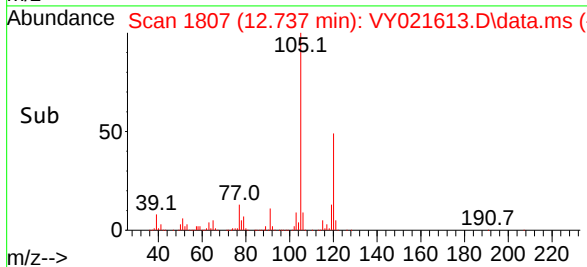
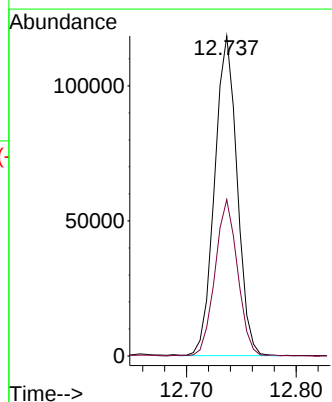
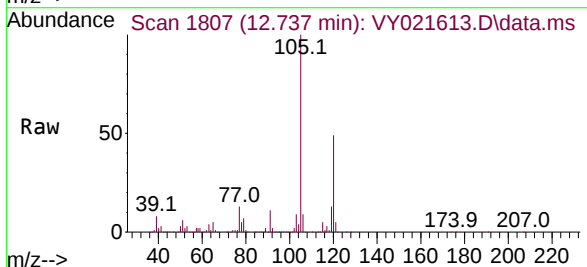
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

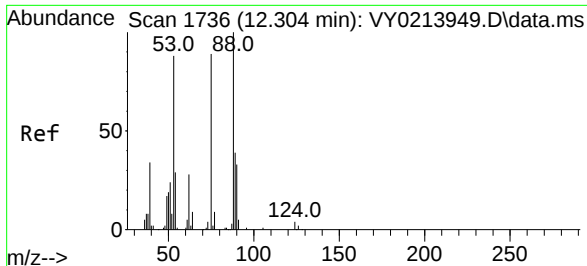
Tgt Ion: 91 Resp: 142785
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 19.786 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion:105 Resp: 168640
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6

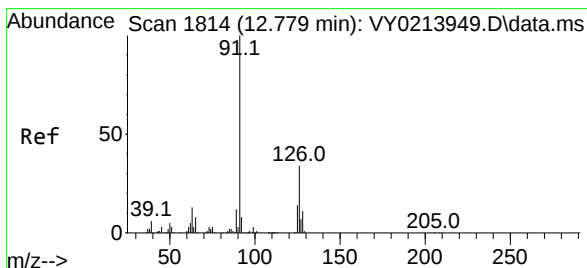
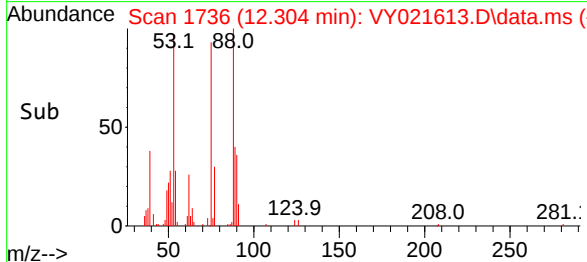
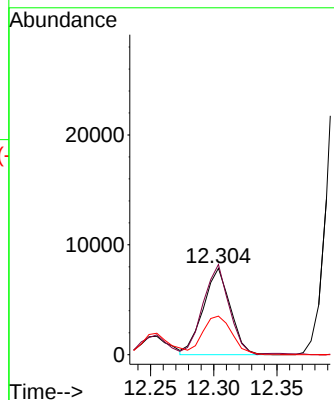
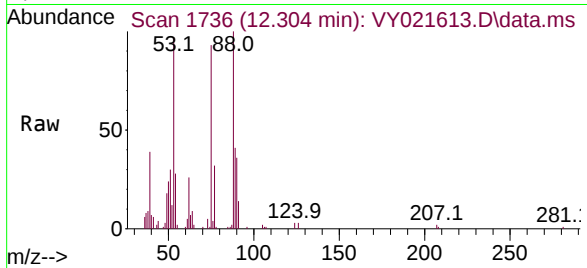




#81
trans-1,4-Dichloro-2-butene
Concen: 19.840 ug/l
RT: 12.304 min Scan# 11709
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

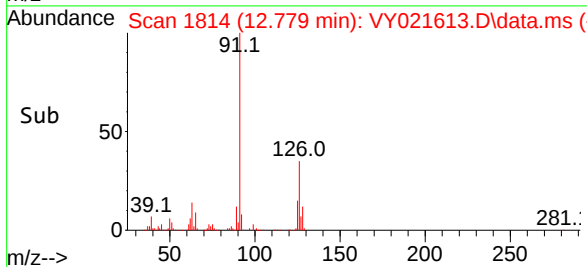
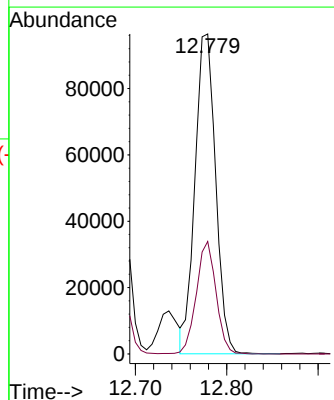
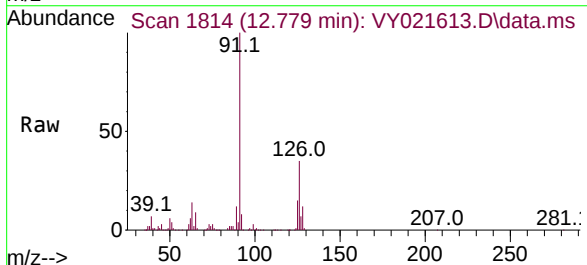
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

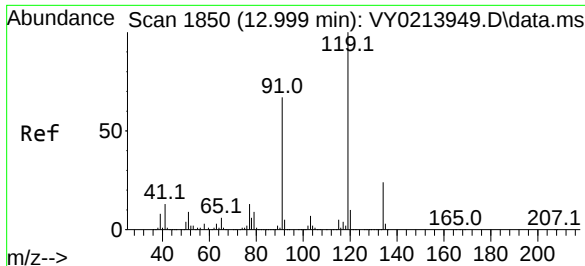
Tgt Ion: 75 Resp: 11709
Ion Ratio Lower Upper
75 100
53 98.0 81.0 121.4
89 47.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 20.038 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion: 91 Resp: 151121
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0

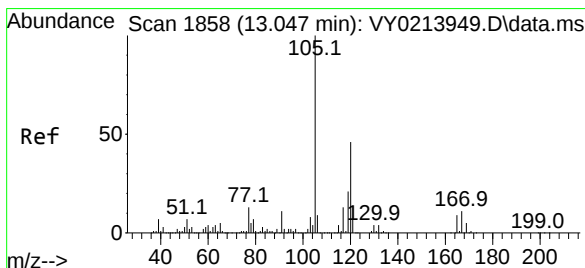
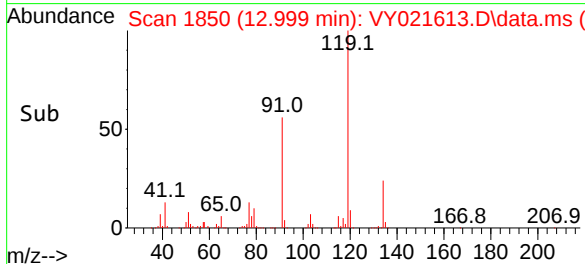
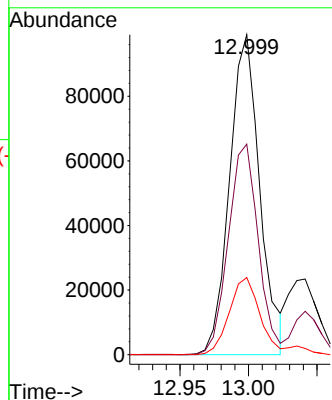
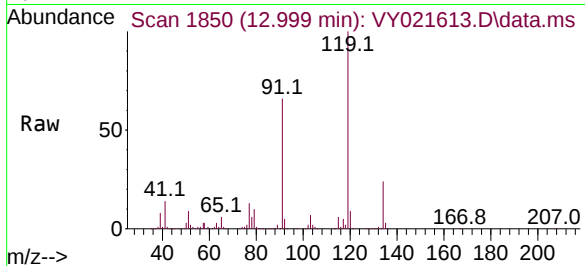




#83
 tert-Butylbenzene
 Concen: 20.009 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

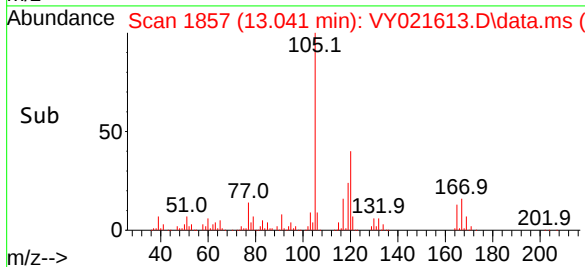
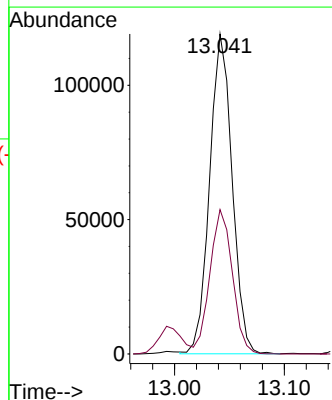
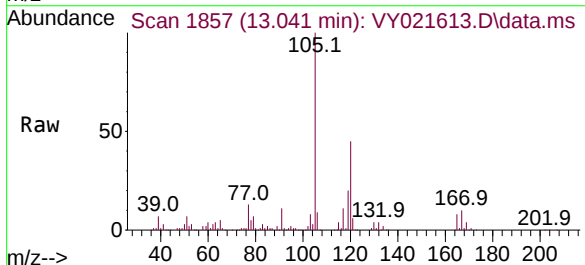
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBSD01

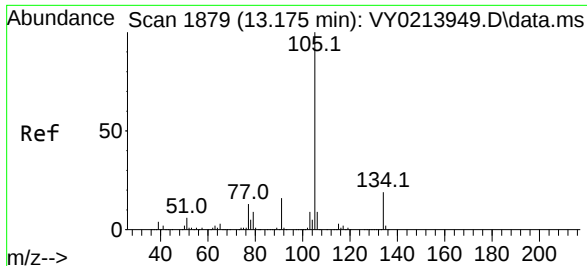
Tgt Ion:	119	Resp:	152139
Ion	Ratio	Lower	Upper
119	100		
91	65.3	33.2	99.6
134	26.2	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.052 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

Tgt Ion:	105	Resp:	169692
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.1

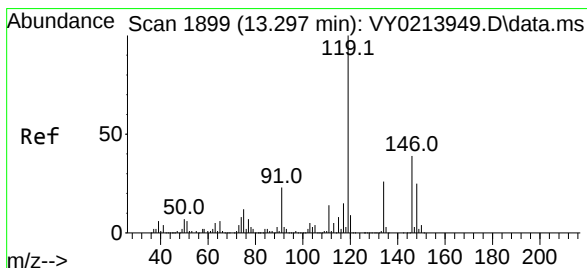
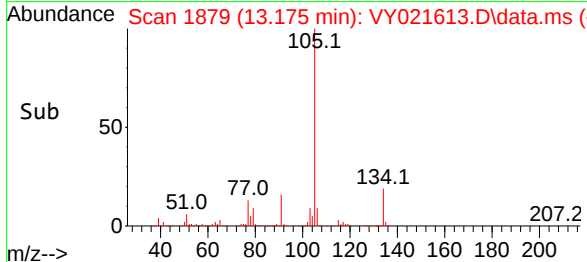
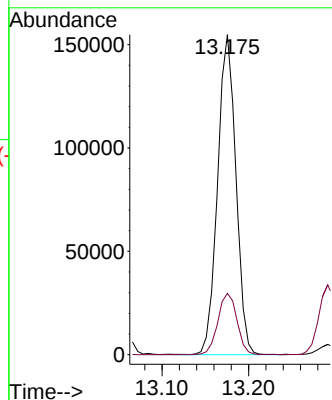
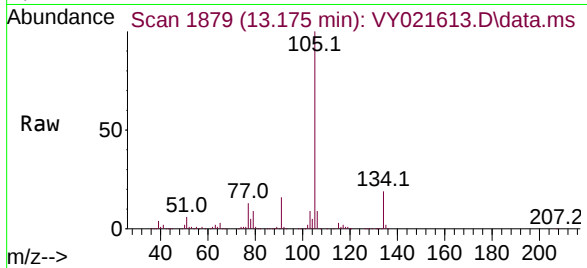




#85
 sec-Butylbenzene
 Concen: 20.099 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

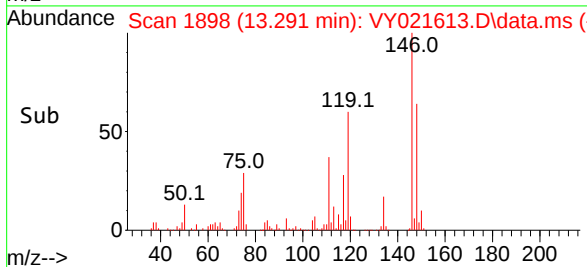
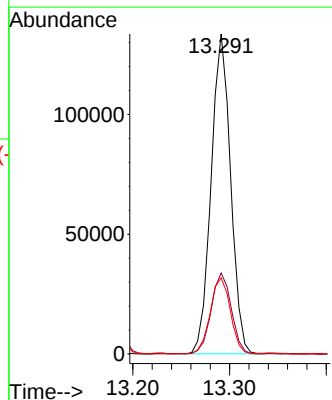
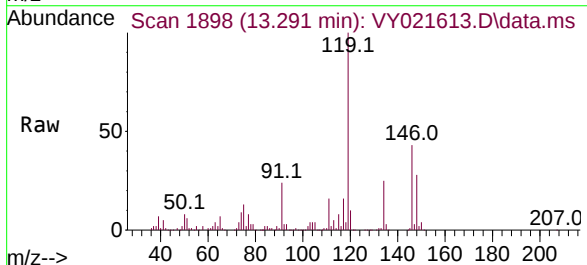
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

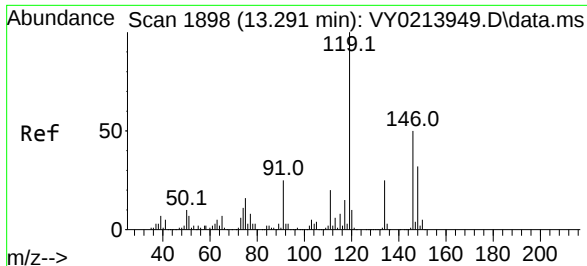
Tgt Ion:105 Resp: 227378
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.016 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

Tgt Ion:119 Resp: 186551
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.777 ug/l

RT: 13.285 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

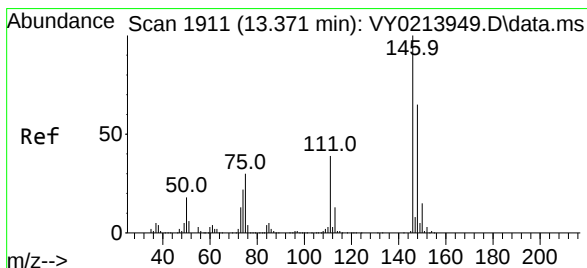
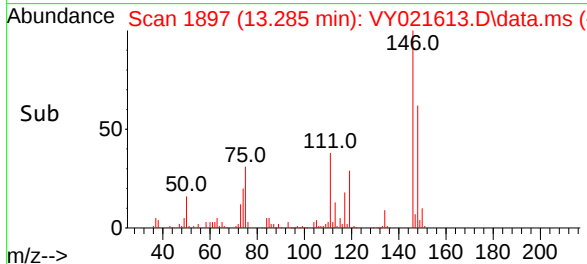
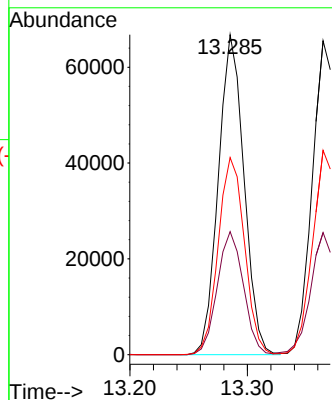
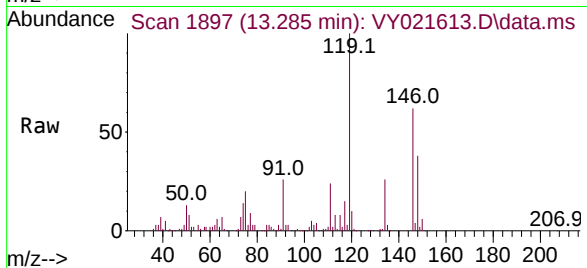
Tgt Ion:146 Resp: 101479

Ion Ratio Lower Upper

146 100

111 39.1 20.0 60.0

148 63.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.697 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

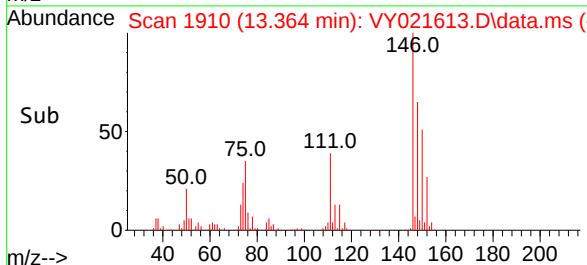
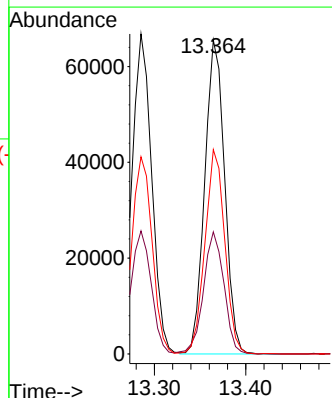
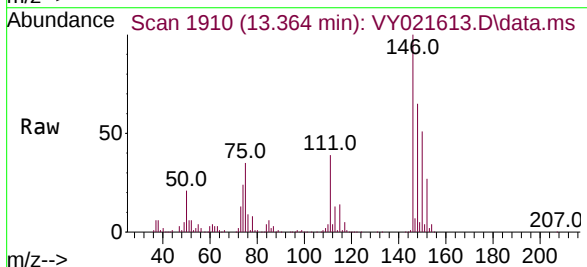
Tgt Ion:146 Resp: 98863

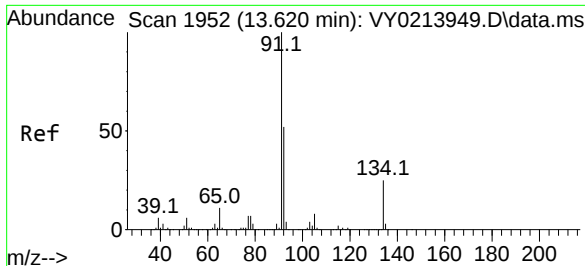
Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.8

148 65.1 32.3 96.8





#89

n-Butylbenzene

Concen: 20.444 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021613.D

Acq: 24 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

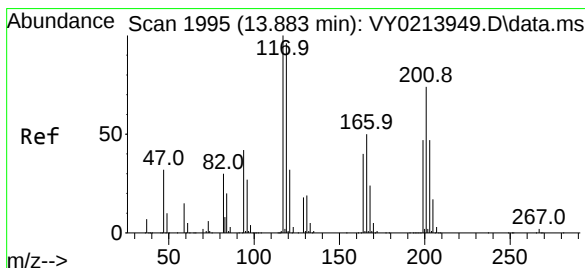
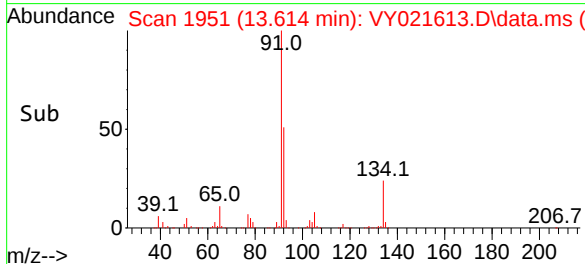
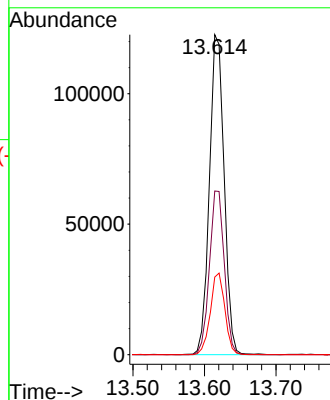
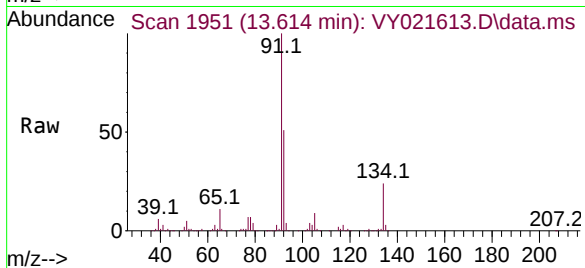
Tgt Ion: 91 Resp: 175942

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.3

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 20.538 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021613.D

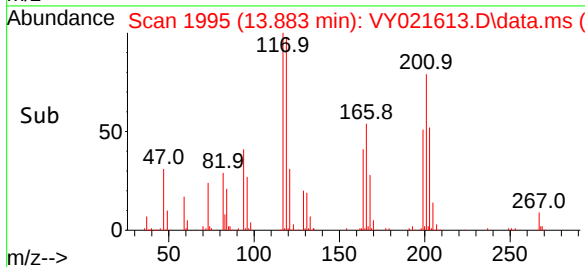
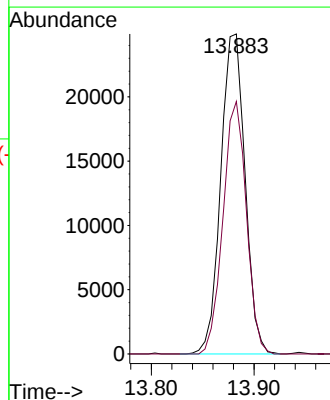
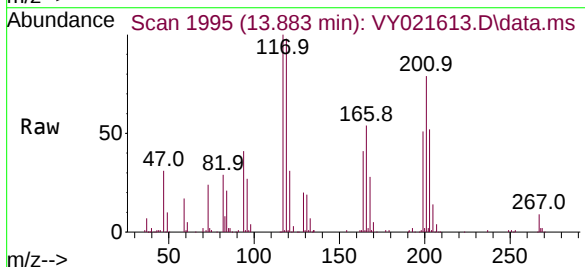
Acq: 24 Mar 2025 12:49

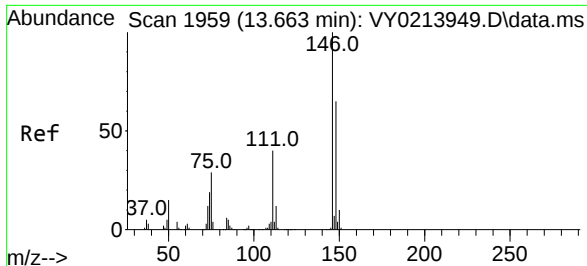
Tgt Ion: 117 Resp: 40836

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.2

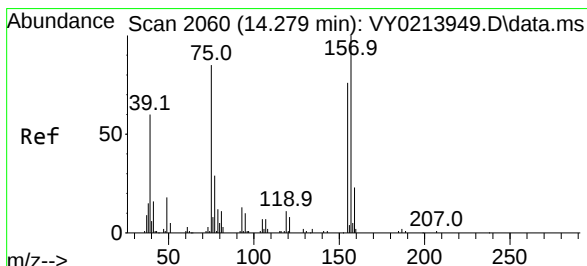
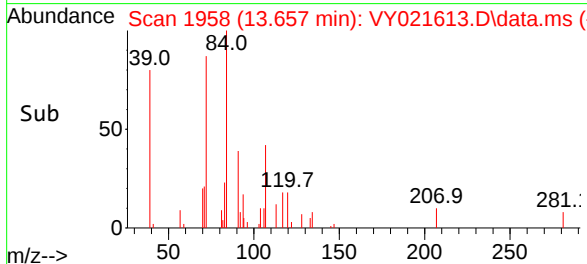
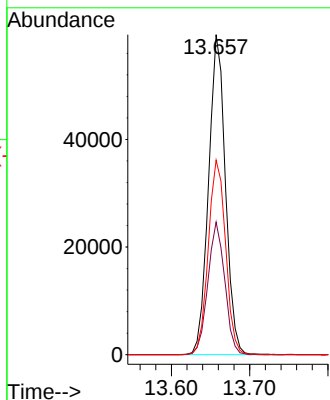
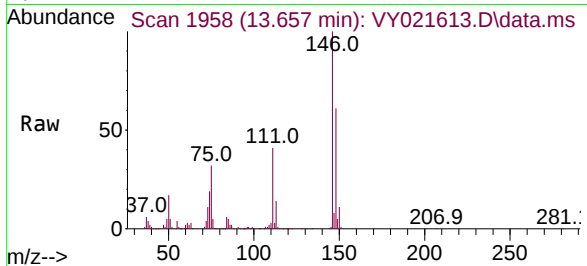




#91
 1,2-Dichlorobenzene
 Concen: 21.218 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

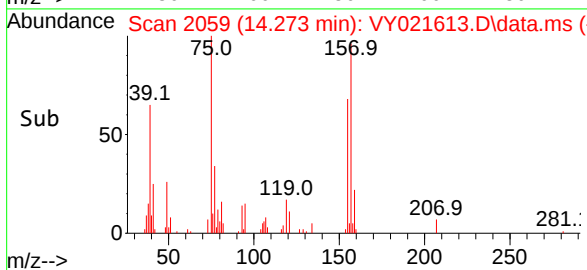
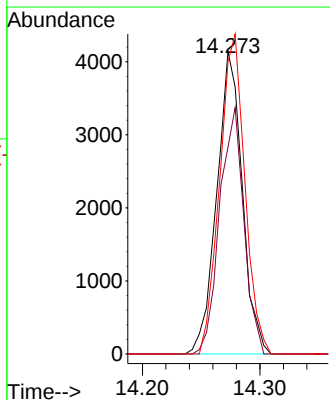
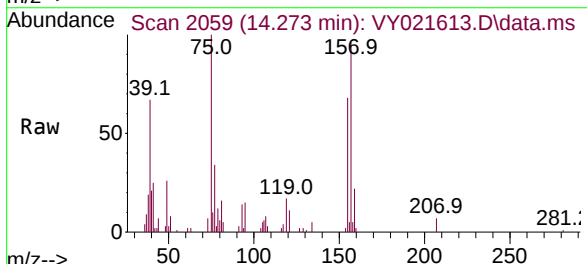
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

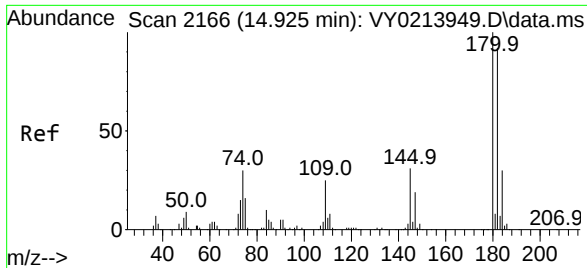
Tgt Ion:146 Resp: 88822
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 62.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.479 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

Tgt Ion: 75 Resp: 6232
 Ion Ratio Lower Upper
 75 100
 155 77.1 43.5 130.5
 157 104.4 54.4 163.2

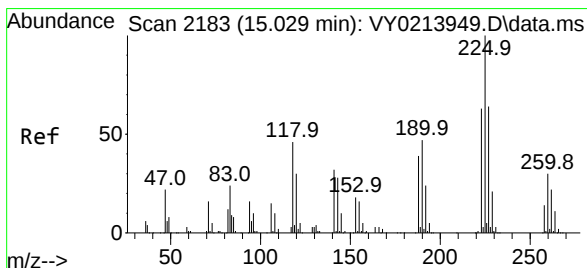
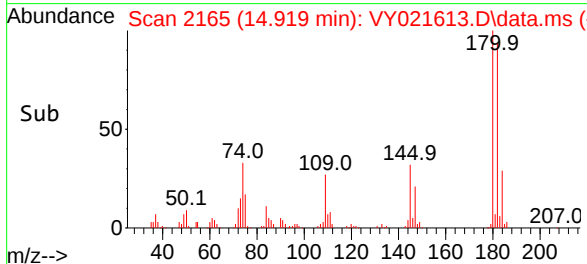
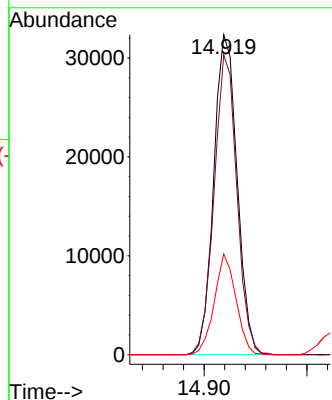
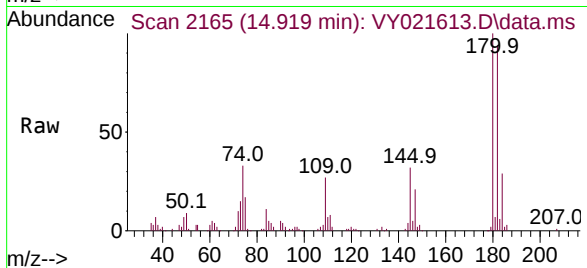




#93
 1,2,4-Trichlorobenzene
 Concen: 22.274 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

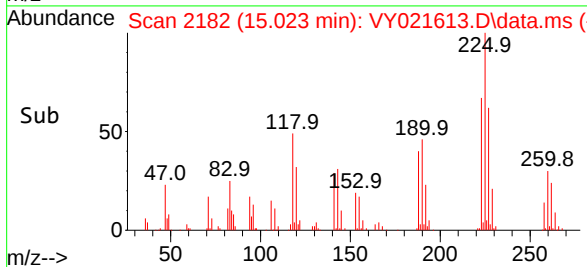
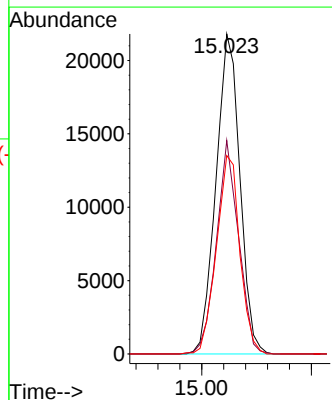
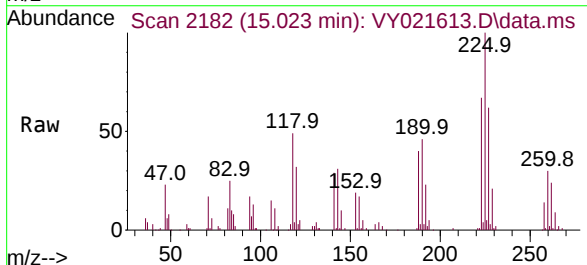
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

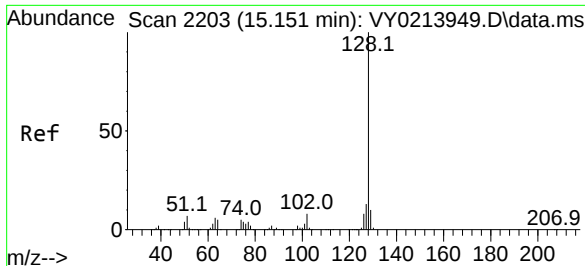
Tgt Ion:180 Resp: 50930
 Ion Ratio Lower Upper
 180 100
 182 91.7 46.7 140.0
 145 29.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 23.061 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021613.D
 Acq: 24 Mar 2025 12:49

Tgt Ion:225 Resp: 33053
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.4 94.2
 227 60.7 31.8 95.4

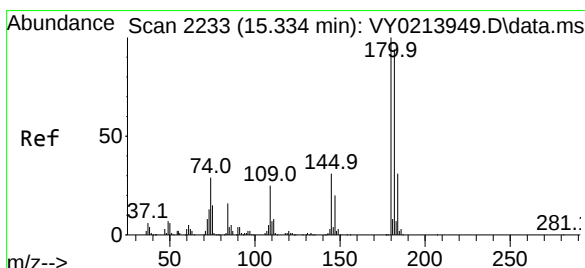
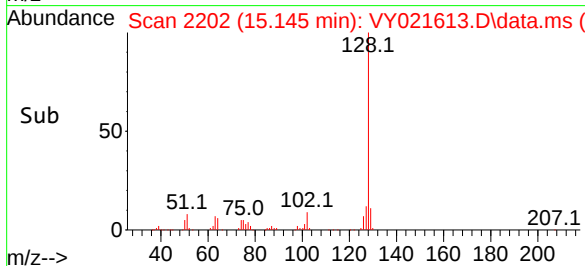
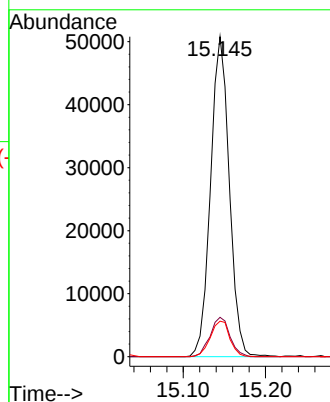
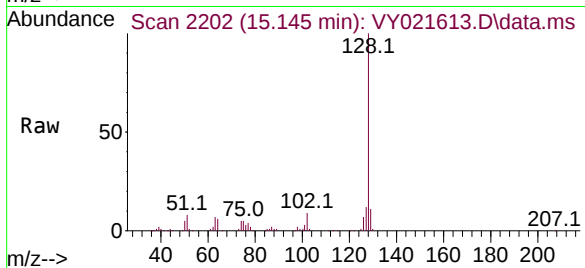




#95
Naphthalene
Concen: 22.756 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

Tgt Ion:128	Resp:	80284
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.6 15.8
129	11.6	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.561 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021613.D
Acq: 24 Mar 2025 12:49

Tgt Ion:180	Resp:	43386
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.2 141.6
145	33.1	16.4 49.1

