

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021610.D
 Acq On : 24 Mar 2025 11:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 25 01:28:58 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	214834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	321283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	285181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	147004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98816	43.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.040%
35) Dibromofluoromethane	7.628	113	98856	46.810	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.103	98	366801	45.872	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.408	95	127119	46.736	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	84520	42.872	ug/l	95
3) Chloromethane	2.068	50	133678	48.095	ug/l	99
4) Vinyl Chloride	2.202	62	155311	51.133	ug/l	98
5) Bromomethane	2.592	94	101103	46.055	ug/l	97
6) Chloroethane	2.733	64	109792	54.697	ug/l	96
7) Trichlorofluoromethane	3.056	101	216750	51.126	ug/l	99
8) Diethyl Ether	3.452	74	54656	46.520	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	119081	49.196	ug/l	99
10) Methyl Iodide	3.995	142	117665	47.822	ug/l	99
11) Tert butyl alcohol	4.854	59	33095	221.611	ug/l	98
12) 1,1-Dichloroethene	3.787	96	105689	47.892	ug/l	97
13) Acrolein	3.653	56	4054	35.101	ug/l	93
14) Allyl chloride	4.379	41	175347	49.168	ug/l	99
15) Acrylonitrile	5.055	53	119478	238.887	ug/l	99
16) Acetone	3.867	43	132281	267.098	ug/l	93
17) Carbon Disulfide	4.098	76	294395	42.567	ug/l	98
18) Methyl Acetate	4.385	43	69528	63.272	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	271094	48.467	ug/l	100
20) Methylene Chloride	4.610	84	127413	49.011	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	118523	47.957	ug/l	97
22) Diisopropyl ether	6.019	45	379566	49.386	ug/l	95
23) Vinyl Acetate	5.958	43	1010569	230.392	ug/l	99
24) 1,1-Dichloroethane	5.915	63	224139	49.412	ug/l	99
25) 2-Butanone	6.890	43	165552	241.652	ug/l	98
26) 2,2-Dichloropropane	6.884	77	205548	49.248	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	138197	49.222	ug/l	98
28) Bromochloromethane	7.238	49	86231	45.344	ug/l	98
29) Tetrahydrofuran	7.262	42	98775	233.546	ug/l	100
30) Chloroform	7.415	83	234869	49.863	ug/l	99
31) Cyclohexane	7.695	56	182822	42.990	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	212965	49.379	ug/l	100
36) 1,1-Dichloropropene	7.835	75	163545	49.474	ug/l	98
37) Ethyl Acetate	6.982	43	68040	46.568	ug/l	99
38) Carbon Tetrachloride	7.811	117	196650	51.726	ug/l	98
39) Methylcyclohexane	9.109	83	198465	48.945	ug/l	99
40) Benzene	8.079	78	489296	50.247	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	40217	50.552	ug/l #	94
42) 1,2-Dichloroethane	8.152	62	135254	49.649	ug/l	100
43) Isopropyl Acetate	8.195	43	135023	47.605	ug/l #	88
44) Trichloroethene	8.866	130	127529	51.825	ug/l	99
45) 1,2-Dichloropropane	9.140	63	117700	50.785	ug/l	99
46) Dibromomethane	9.231	93	63649	49.358	ug/l	97
47) Bromodichloromethane	9.420	83	178238	52.046	ug/l	97
48) Methyl methacrylate	9.219	41	66185	50.817	ug/l	99
49) 1,4-Dioxane	9.225	88	14003	1106.321	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	363229	248.201	ug/l	100
52) Toluene	10.170	92	318719	51.915	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	154971	51.363	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	185508	51.787	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	86911	51.523	ug/l	98
56) Ethyl methacrylate	10.439	69	111021	51.606	ug/l	100
57) 1,3-Dichloropropane	10.719	76	148050	50.639	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	248787	250.514	ug/l	99
59) 2-Hexanone	10.762	43	256739	265.318	ug/l	99
60) Dibromochloromethane	10.908	129	120995	52.321	ug/l	98
61) 1,2-Dibromoethane	11.012	107	80648	50.657	ug/l	98
64) Tetrachloroethene	10.646	164	134346	57.933	ug/l	98
65) Chlorobenzene	11.444	112	344526	51.159	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	123362	51.812	ug/l	99
67) Ethyl Benzene	11.518	91	609768	51.587	ug/l	99
68) m/p-Xylenes	11.627	106	468296	104.354	ug/l	100
69) o-Xylene	11.957	106	221231	53.490	ug/l	97
70) Styrene	11.969	104	372764	54.329	ug/l	98
71) Bromoform	12.133	173	69592	52.286	ug/l #	100
73) Isopropylbenzene	12.255	105	597823	51.626	ug/l	100
74) N-amyl acetate	12.072	43	120653	47.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	95806	46.884	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	127603	86.140	ug/l #	100
77) Bromobenzene	12.536	156	135268	49.931	ug/l	97
78) n-propylbenzene	12.597	91	724338	51.505	ug/l	99
79) 2-Chlorotoluene	12.682	91	404719	50.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	494299	52.526	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31116	47.752	ug/l	96
82) 4-Chlorotoluene	12.780	91	424429	50.970	ug/l	100
83) tert-Butylbenzene	12.999	119	441224	52.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	489203	52.357	ug/l	100
85) sec-Butylbenzene	13.176	105	656012	52.520	ug/l	99
86) p-Isopropyltoluene	13.292	119	546789	53.136	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	275999	51.181	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	270750	51.338	ug/l	99
89) n-Butylbenzene	13.621	91	513382	54.028	ug/l	99
90) Hexachloroethane	13.883	117	114690	52.244	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	241183	52.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14894	48.657	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	141425	56.021	ug/l	98
94) Hexachlorobutadiene	15.029	225	89087	56.296	ug/l	98
95) Naphthalene	15.145	128	222967	51.993	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	118545	55.832	ug/l	100

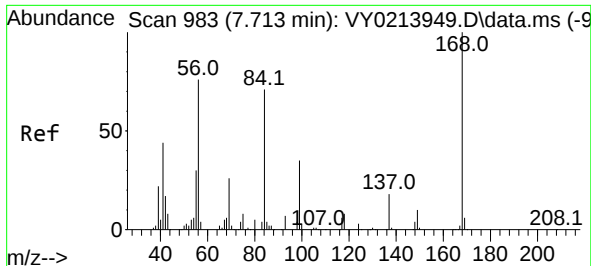
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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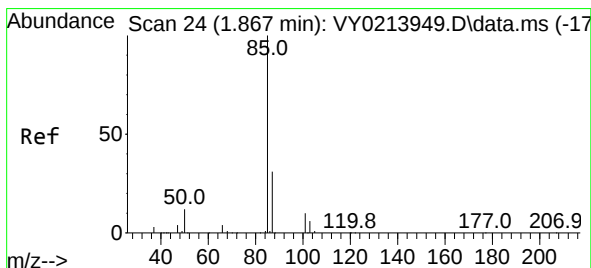
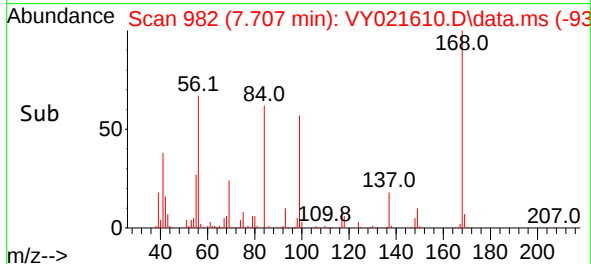
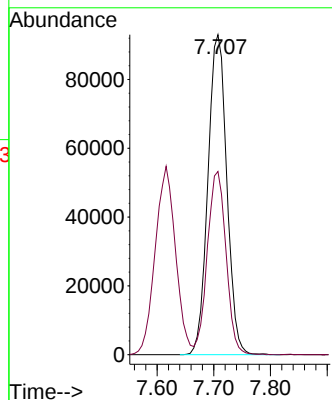
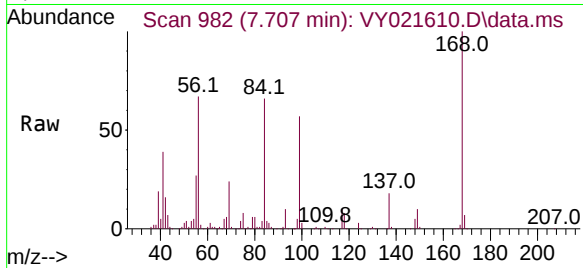
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

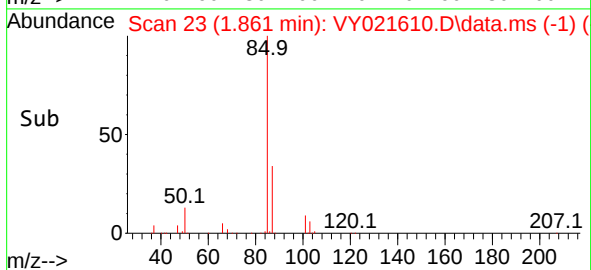
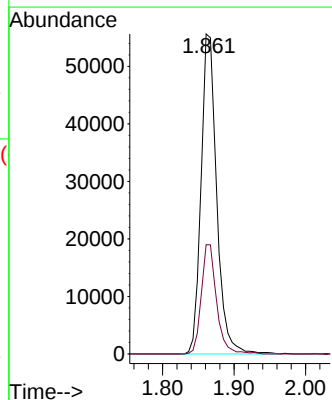
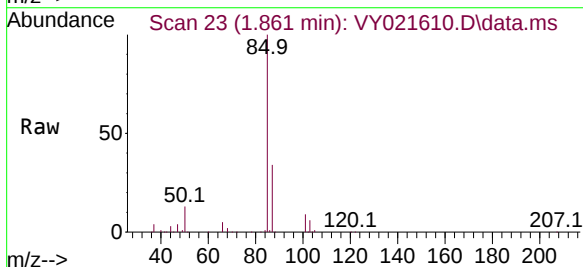
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 214834
Ion Ratio Lower Upper
168 100
99 57.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 42.872 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 85 Resp: 84520
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.0

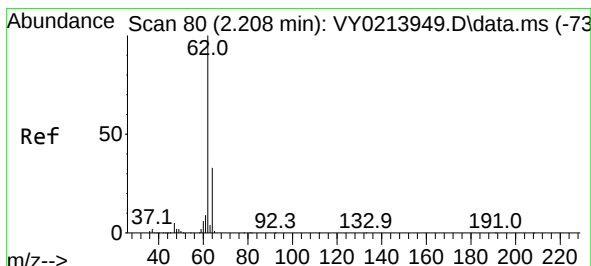
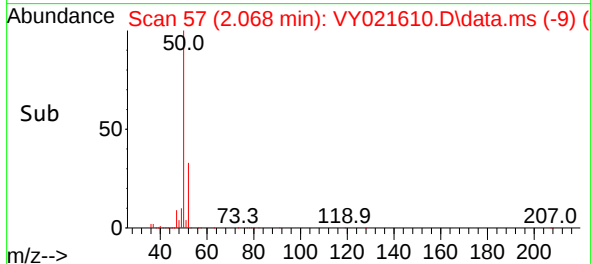
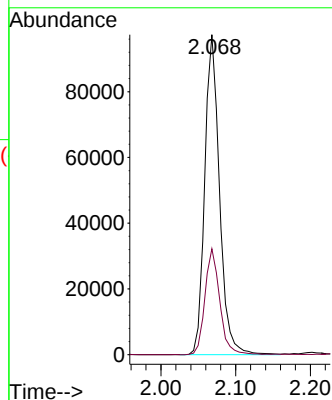
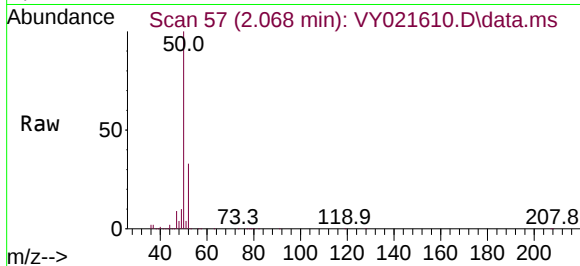




#3
Chloromethane
Concen: 48.095 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

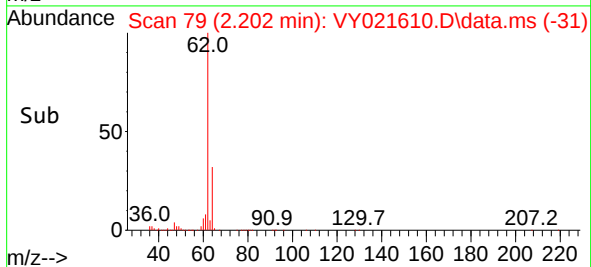
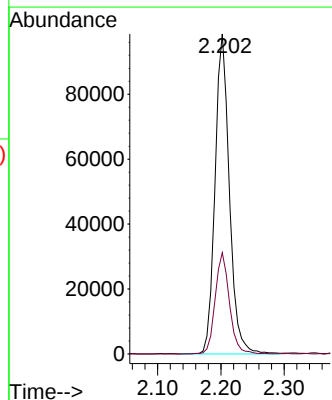
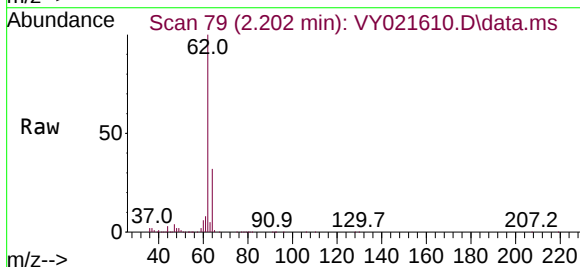
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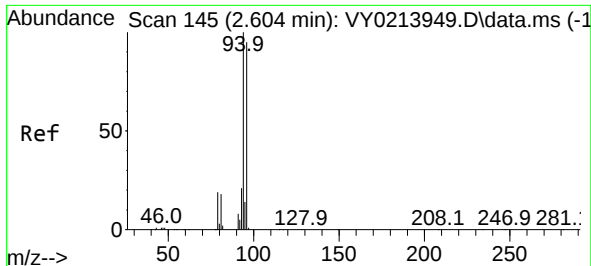
Tgt Ion: 50 Resp: 133678
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 51.133 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 62 Resp: 155311
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

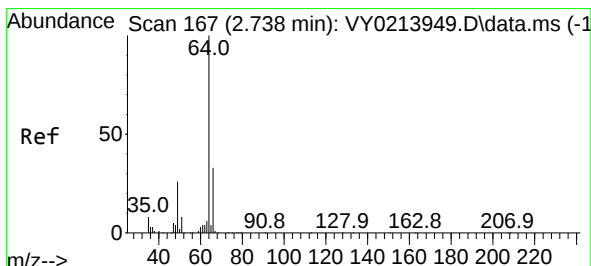
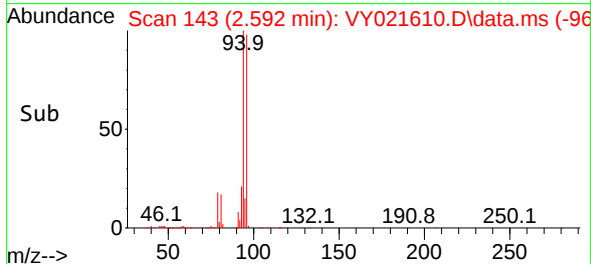
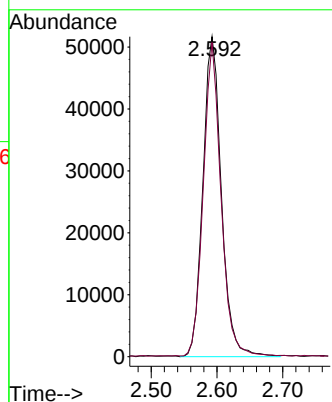
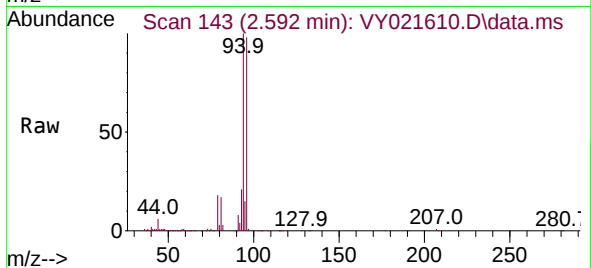




#5
Bromomethane
Concen: 46.055 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

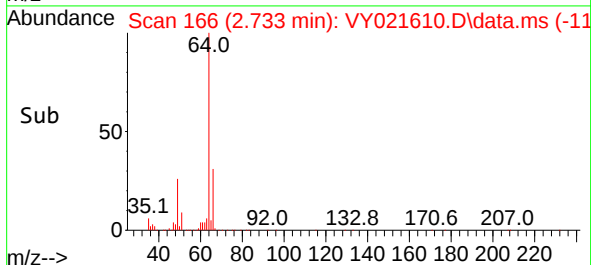
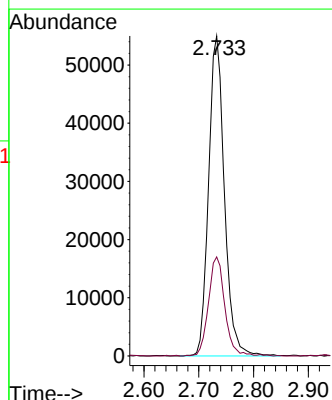
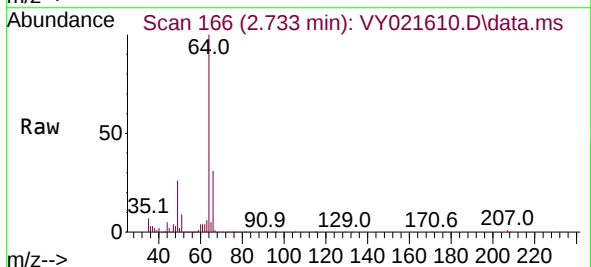
Instrument :
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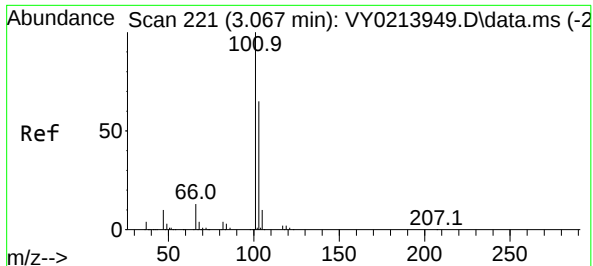
Tgt Ion: 94 Resp: 101103
Ion Ratio Lower Upper
94 100
96 98.0 76.3 114.5



#6
Chloroethane
Concen: 54.697 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 64 Resp: 109792
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1

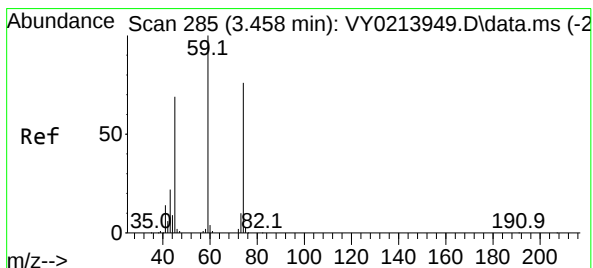
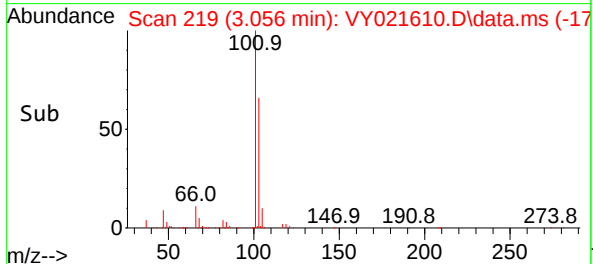
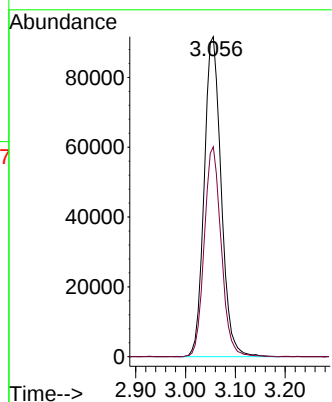
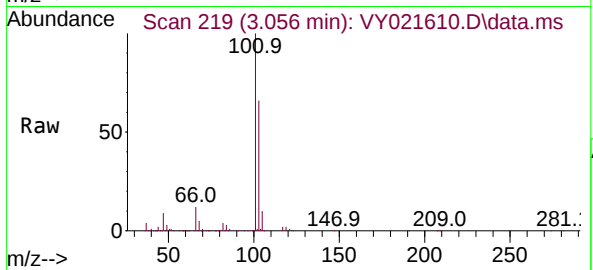




#7
Trichlorofluoromethane
Concen: 51.126 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021610.D
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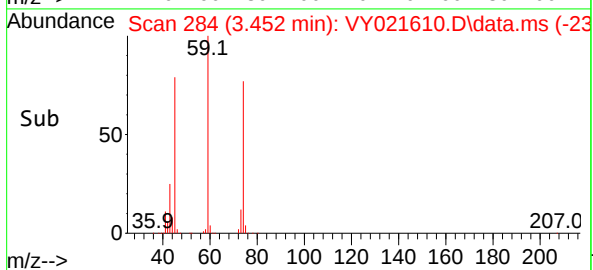
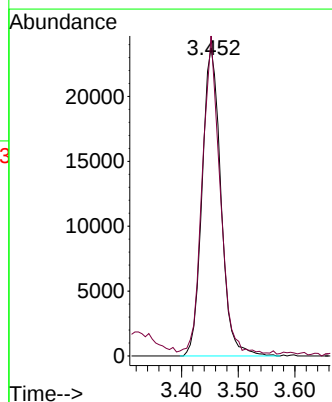
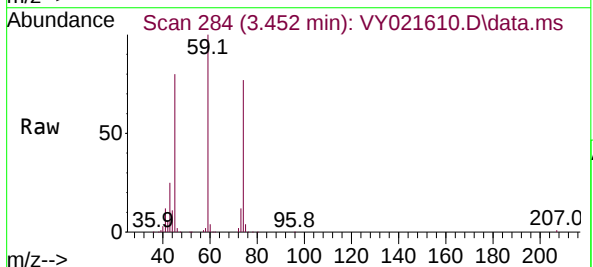
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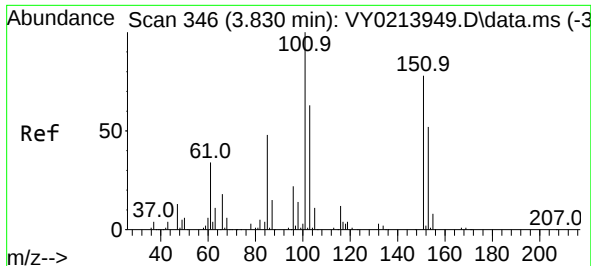
Tgt Ion:101 Resp: 216750
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5



#8
Diethyl Ether
Concen: 46.520 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 74 Resp: 54656
Ion Ratio Lower Upper
74 100
45 97.0 49.7 149.1

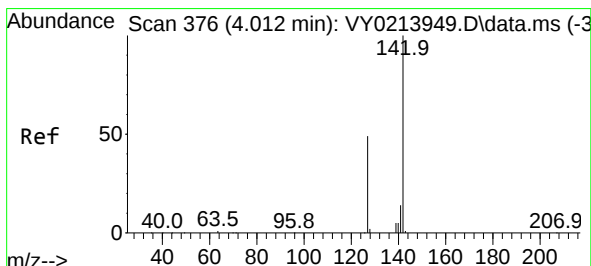
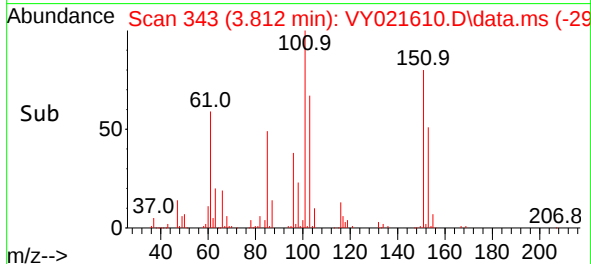
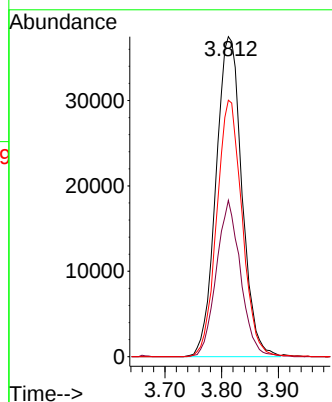
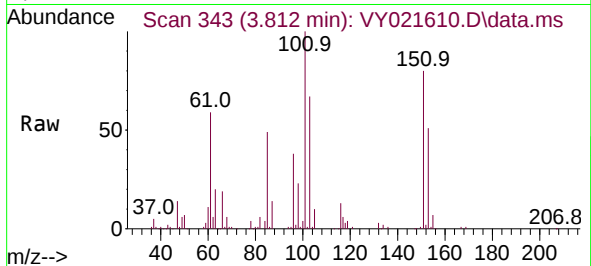




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.196 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021610.D
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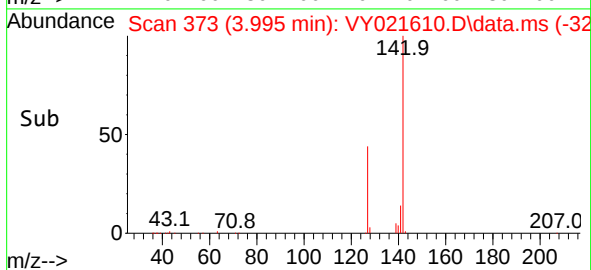
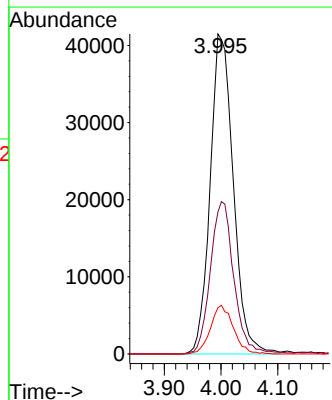
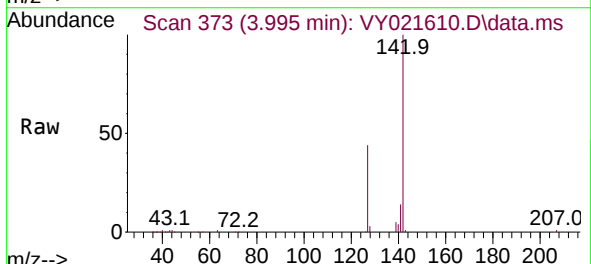
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ClientSampleId :
VSTDCCC050

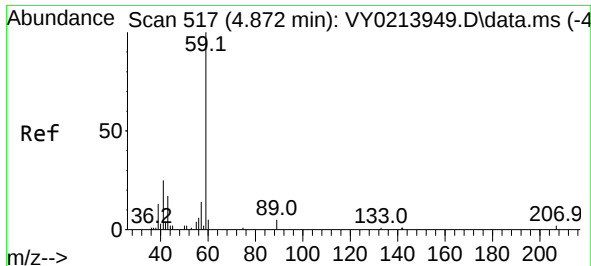
Tgt Ion:101 Resp: 119081
Ion Ratio Lower Upper
101 100
85 45.7 37.1 55.7
151 78.4 62.1 93.1



#10
Methyl Iodide
Concen: 47.822 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:142 Resp: 117665
Ion Ratio Lower Upper
142 100
127 48.3 39.1 58.7
141 15.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 221.611 ug/l

RT: 4.854 min Scan# 517

Delta R.T. -0.018 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

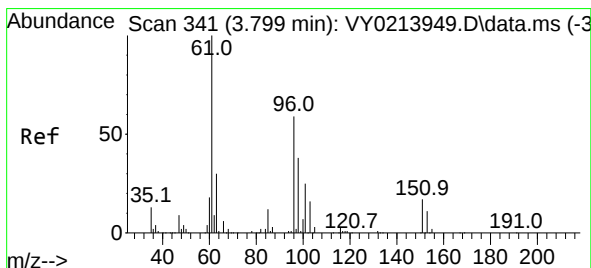
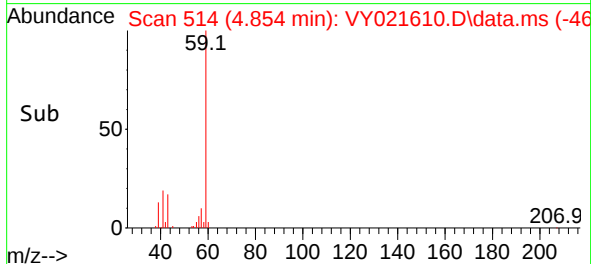
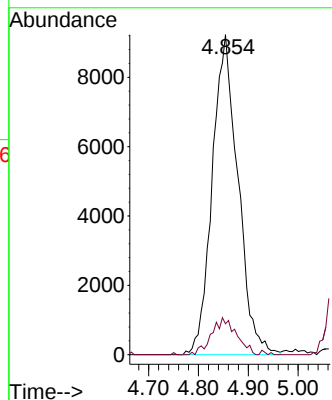
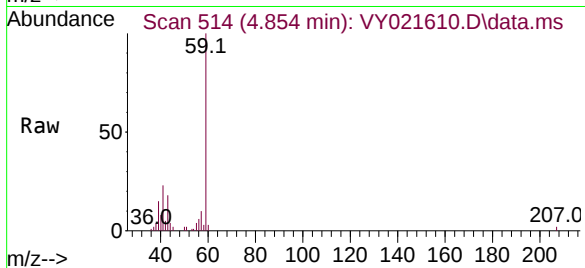
VSTDCCC050

Tgt Ion: 59 Resp: 33095

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 47.892 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

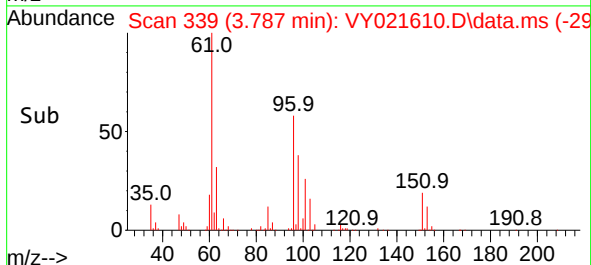
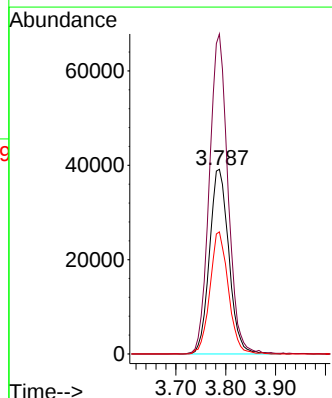
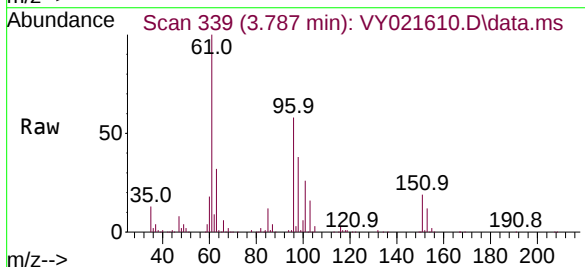
Tgt Ion: 96 Resp: 105689

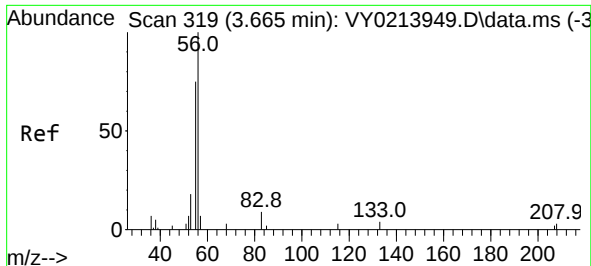
Ion Ratio Lower Upper

96 100

61 173.4 135.2 202.8

98 66.1 51.4 77.2

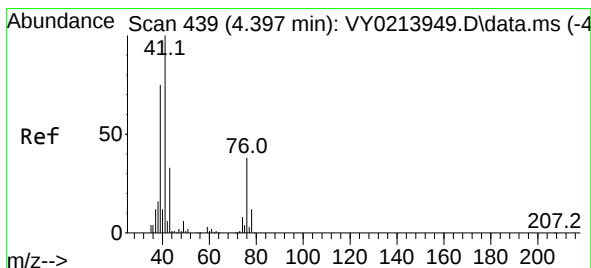
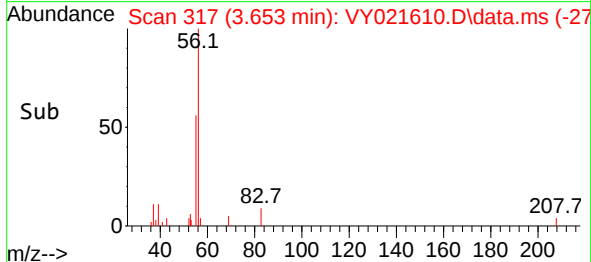
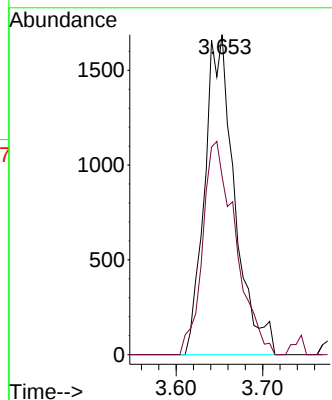
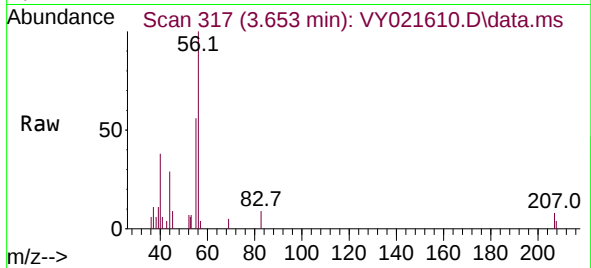




#13
Acrolein
Concen: 35.101 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

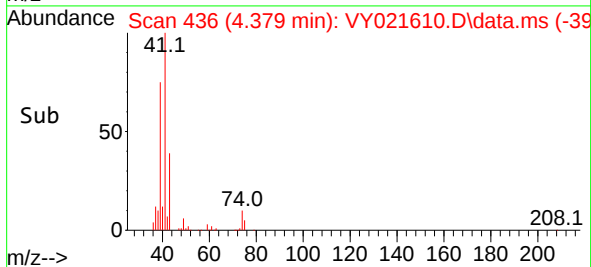
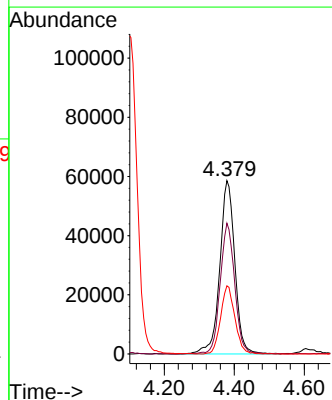
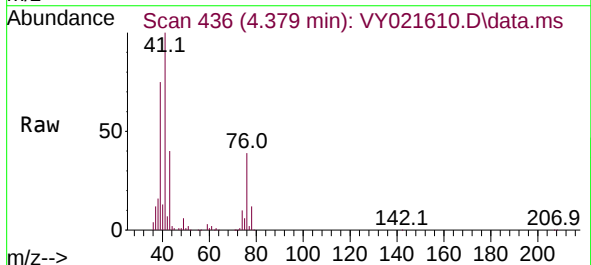
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

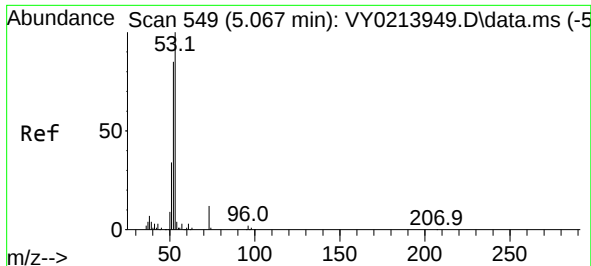
Tgt Ion: 56 Resp: 4054
Ion Ratio Lower Upper
56 100
55 73.4 63.4 95.2



#14
Allyl chloride
Concen: 49.168 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 41 Resp: 175347
Ion Ratio Lower Upper
41 100
39 72.9 59.3 88.9
76 37.1 29.8 44.8

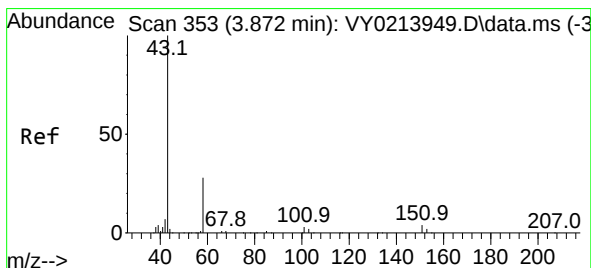
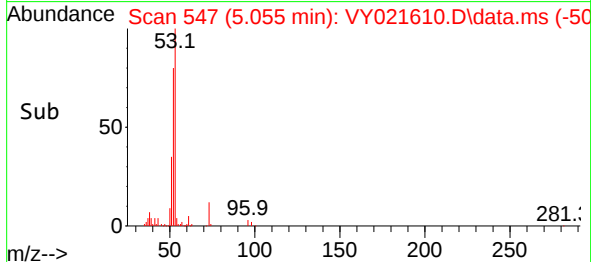
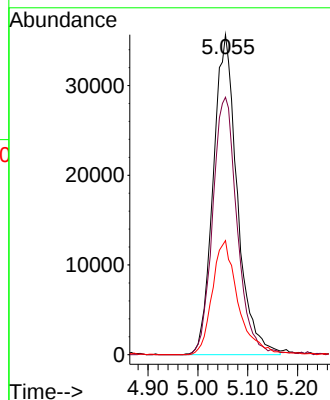
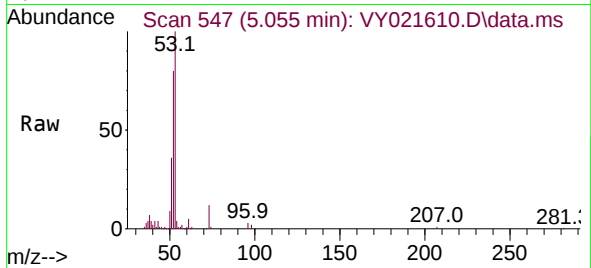




#15
Acrylonitrile
Concen: 238.887 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

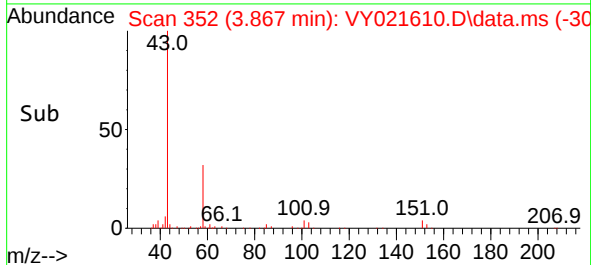
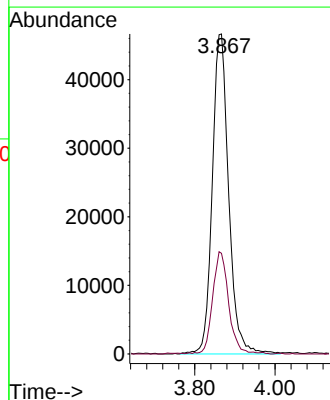
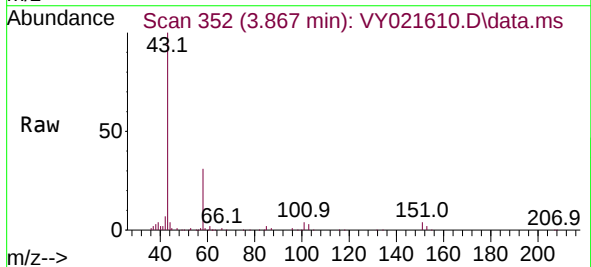
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

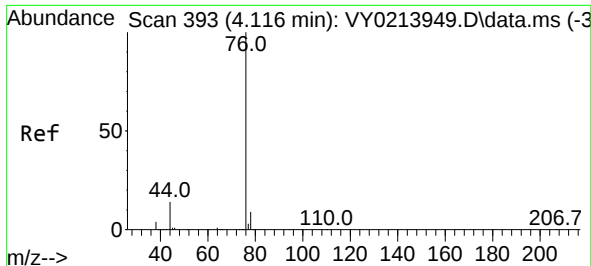
Tgt Ion: 53 Resp: 119478
Ion Ratio Lower Upper
53 100
52 81.8 66.3 99.5
51 38.6 30.3 45.5



#16
Acetone
Concen: 267.098 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 43 Resp: 132281
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1

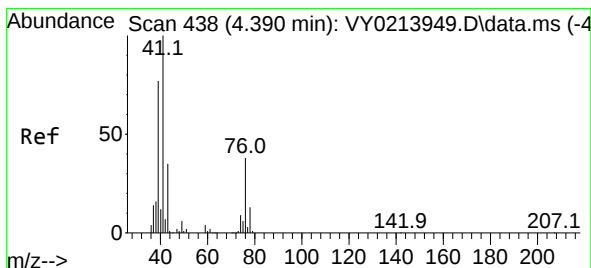
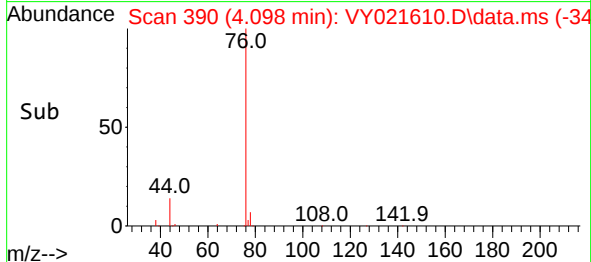
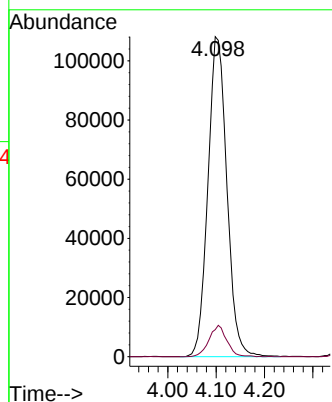
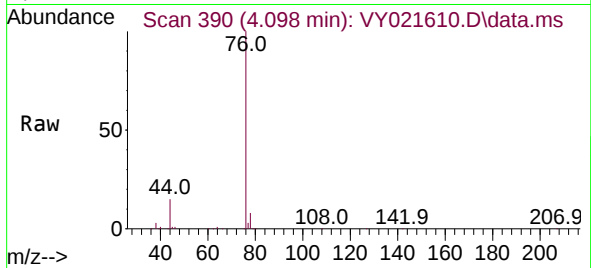




#17
Carbon Disulfide
Concen: 42.567 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

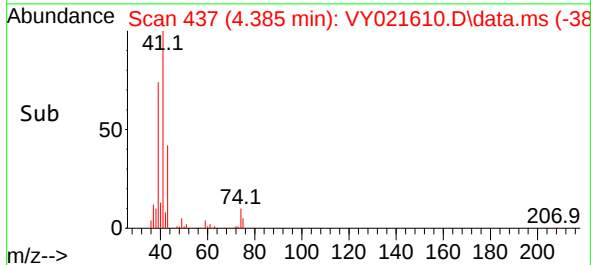
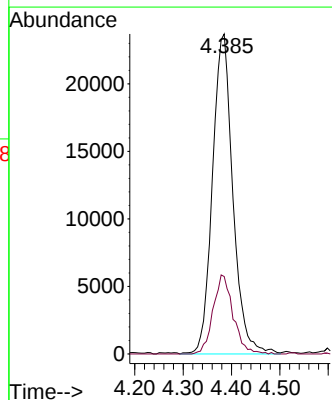
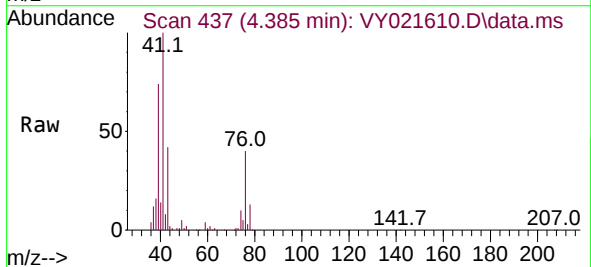
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

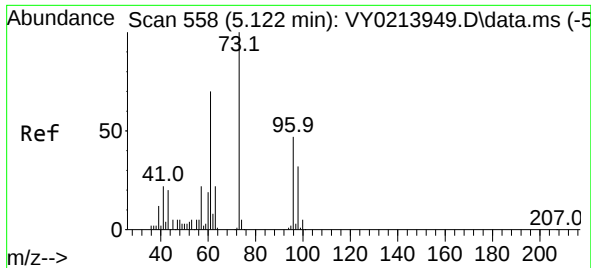
Tgt Ion: 76 Resp: 294395
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 63.272 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 43 Resp: 69528
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0

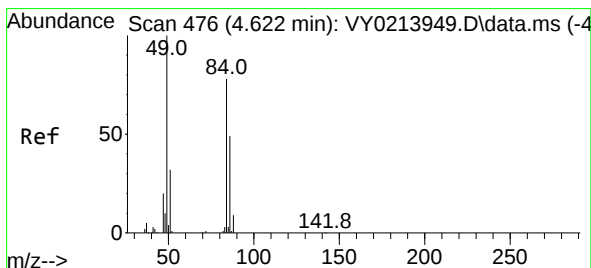
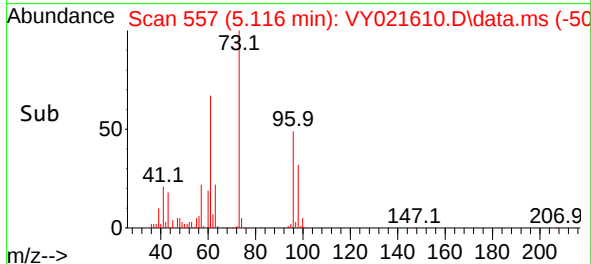
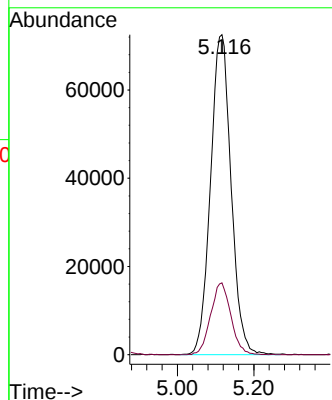
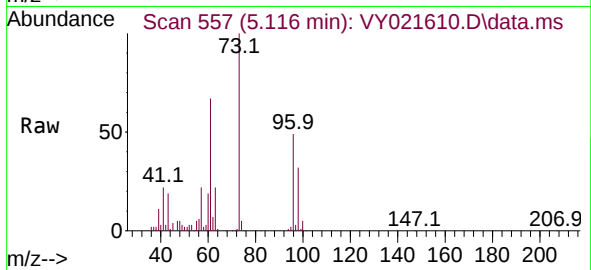




#19
Methyl tert-butyl Ether
Concen: 48.467 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

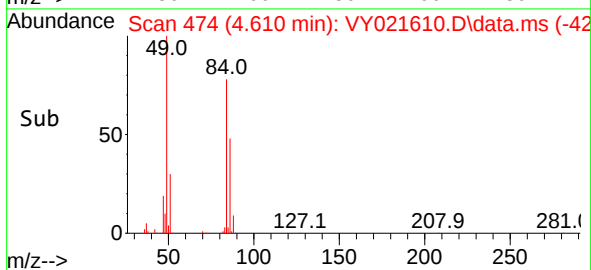
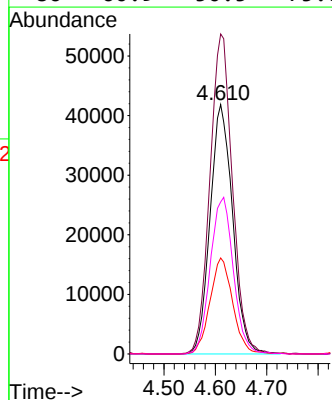
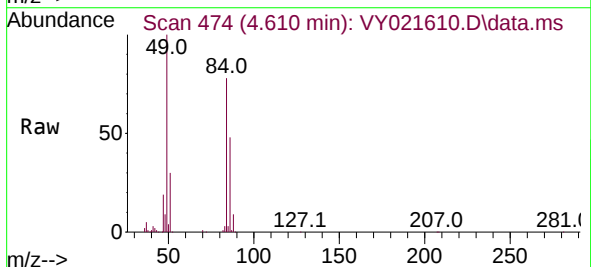
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 271094
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 49.011 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 84 Resp: 127413
Ion Ratio Lower Upper
84 100
49 128.3 102.0 153.0
51 38.4 33.0 49.6
86 60.9 50.5 75.7

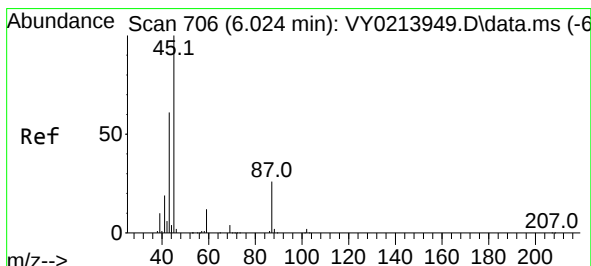
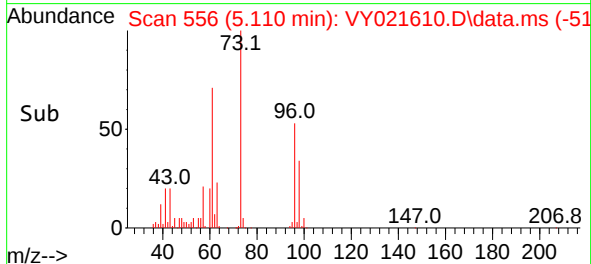
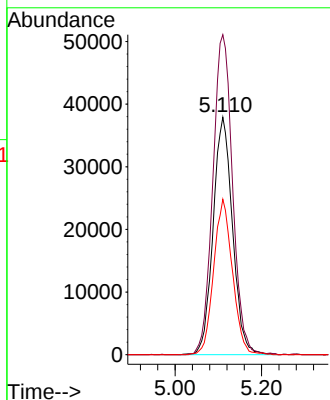
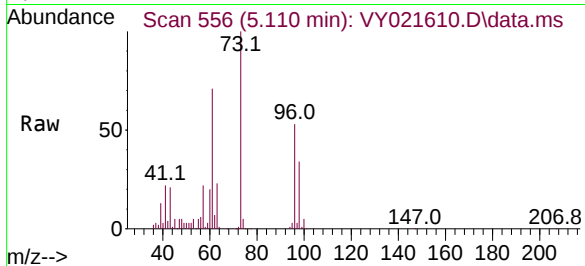




#21
trans-1,2-Dichloroethene
Concen: 47.957 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

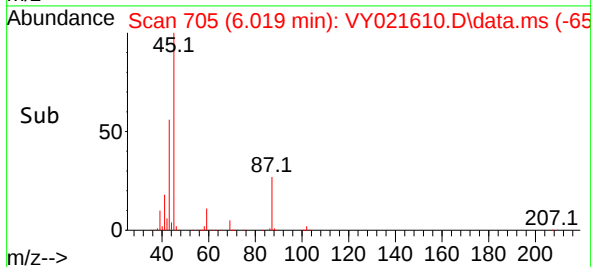
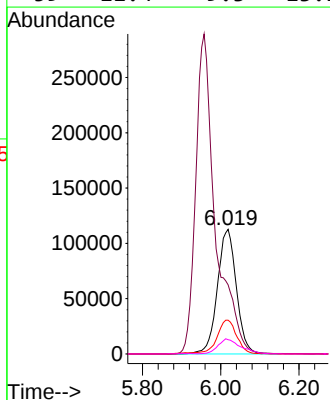
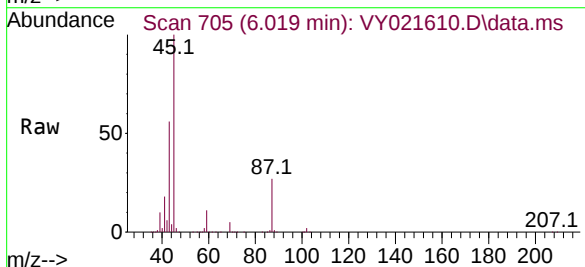
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

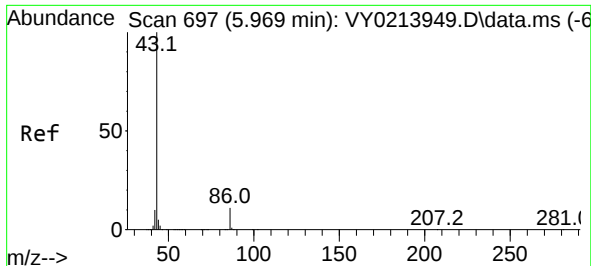
Tgt Ion: 96 Resp: 118523
Ion Ratio Lower Upper
96 100
61 134.7 111.5 167.3
98 65.4 53.8 80.8



#22
Diisopropyl ether
Concen: 49.386 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 45 Resp: 379566
Ion Ratio Lower Upper
45 100
43 55.1 48.7 73.1
87 27.1 21.5 32.3
59 11.4 9.3 13.9





#23

Vinyl Acetate

Concen: 230.392 ug/l

RT: 5.958 min Scan# 61

Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

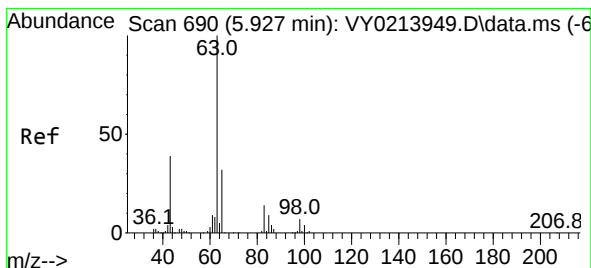
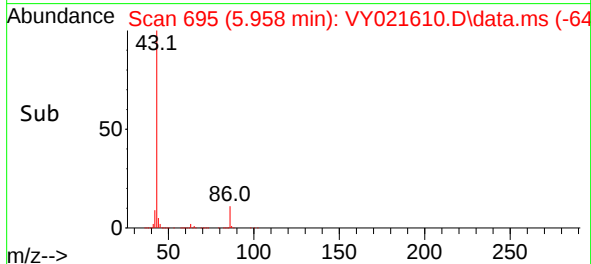
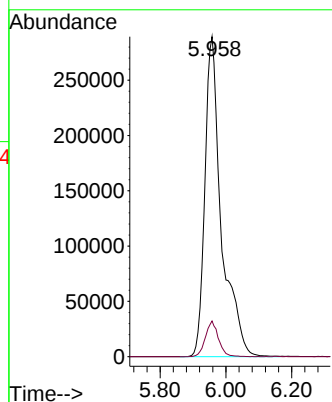
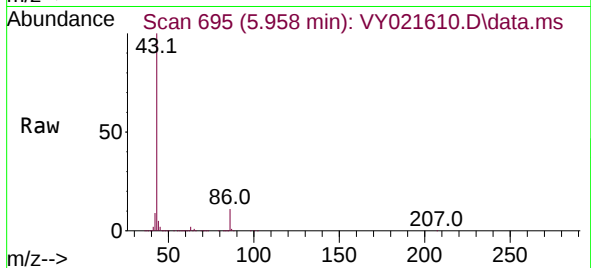
VSTDCCC050

Tgt Ion: 43 Resp: 1010569

Ion Ratio Lower Upper

43 100

86 11.2 8.5 12.7



#24

1,1-Dichloroethane

Concen: 49.412 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

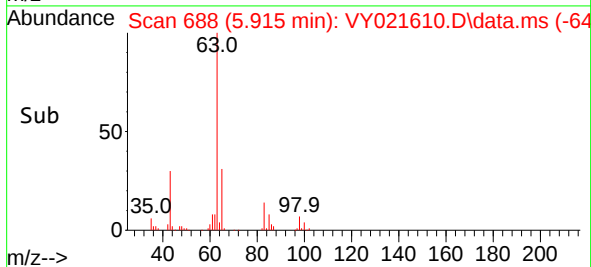
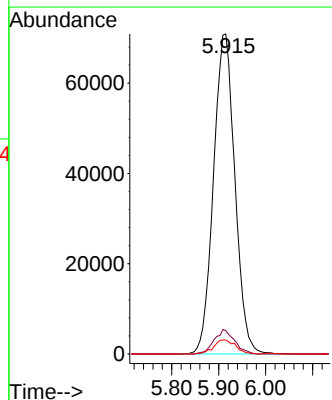
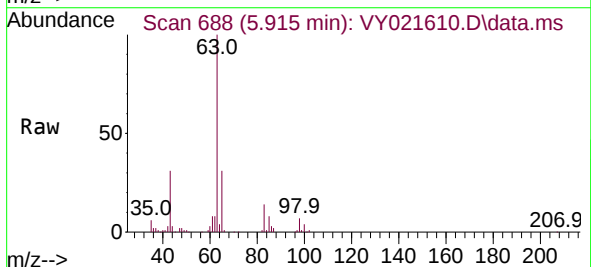
Tgt Ion: 63 Resp: 224139

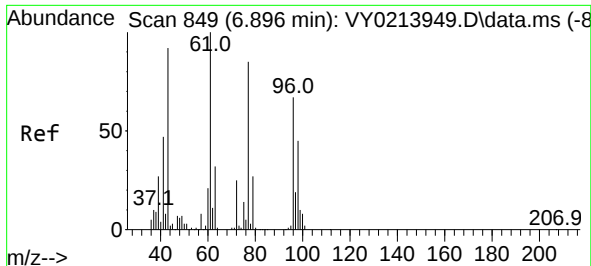
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 241.652 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

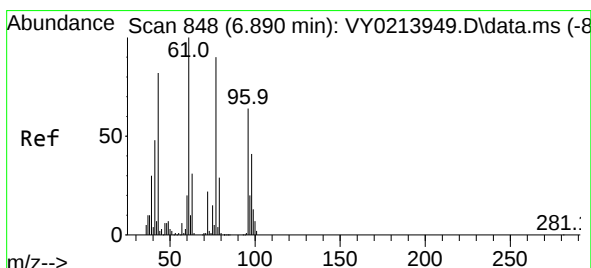
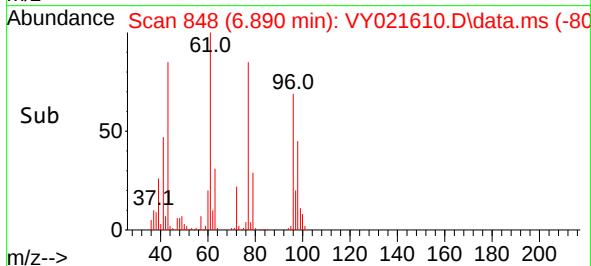
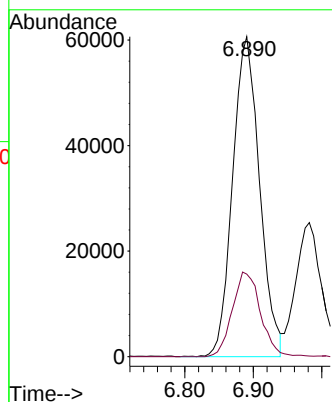
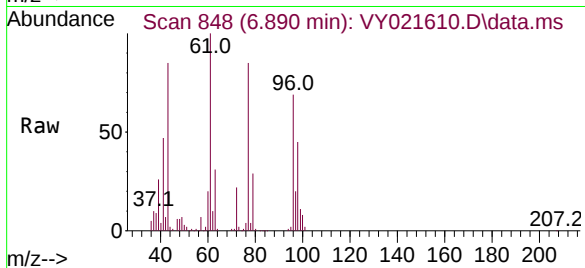
VSTDCCC050

Tgt Ion: 43 Resp: 165552

Ion Ratio Lower Upper

43 100

72 25.8 21.4 32.0



#26

2,2-Dichloropropane

Concen: 49.248 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021610.D

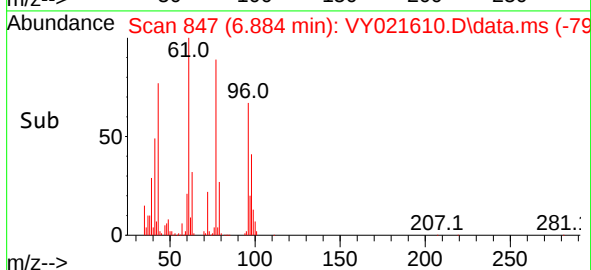
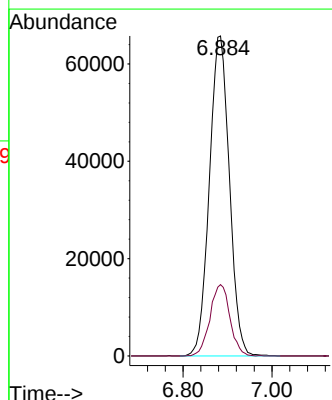
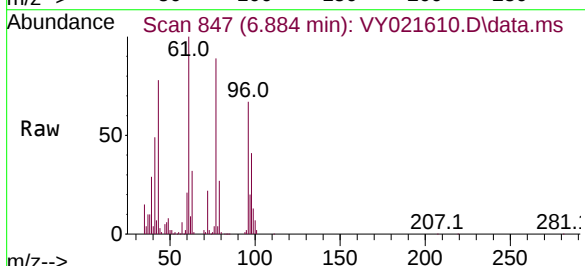
Acq: 24 Mar 2025 11:06

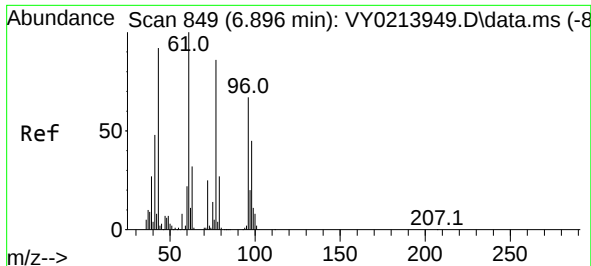
Tgt Ion: 77 Resp: 205548

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.222 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

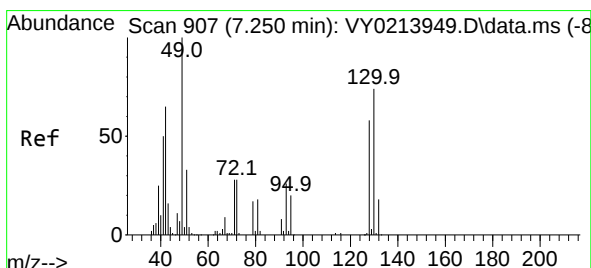
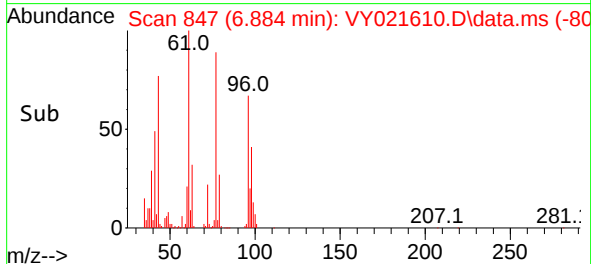
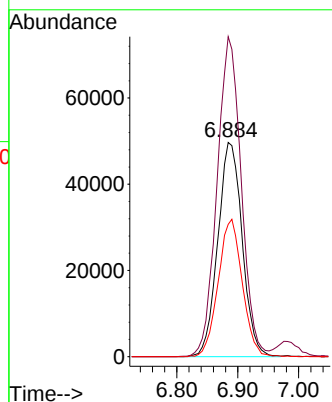
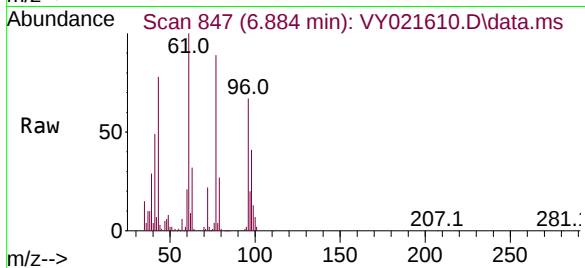
Tgt Ion: 96 Resp: 138197

Ion Ratio Lower Upper

96 100

61 148.4 0.0 300.8

98 63.5 0.0 130.0



#28

Bromochloromethane

Concen: 45.344 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

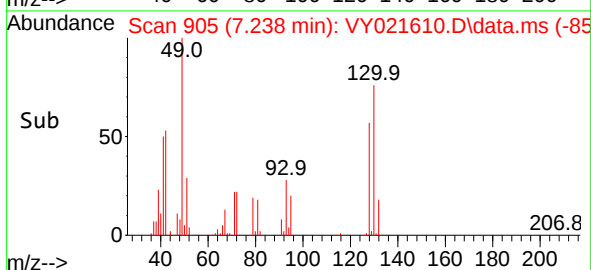
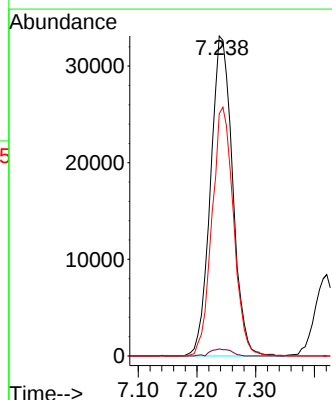
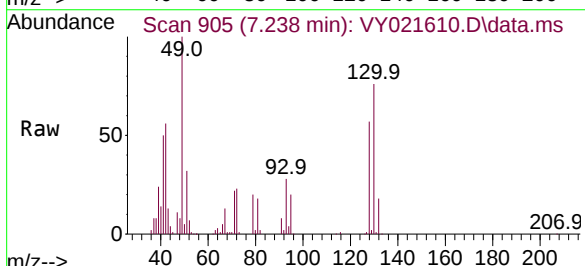
Tgt Ion: 49 Resp: 86231

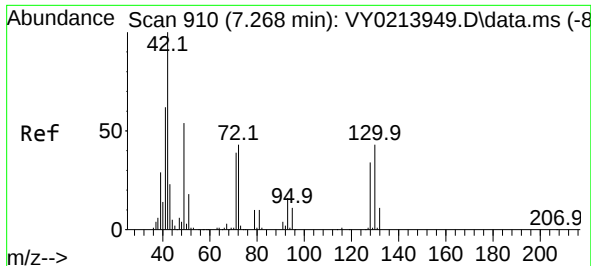
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 76.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 233.546 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

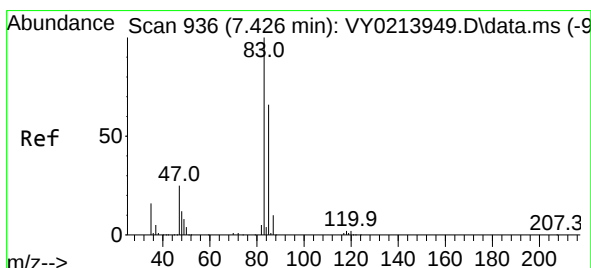
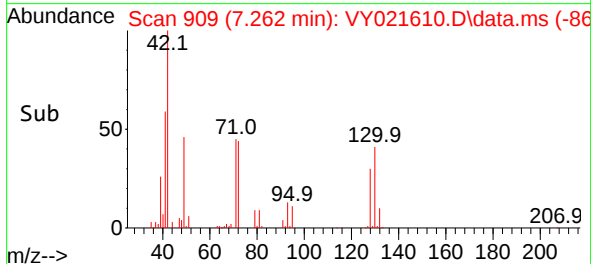
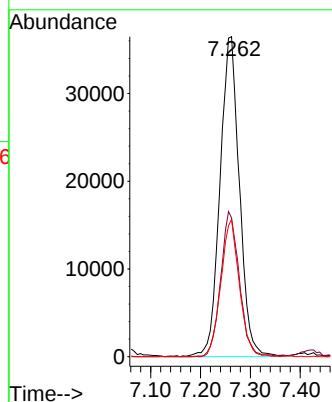
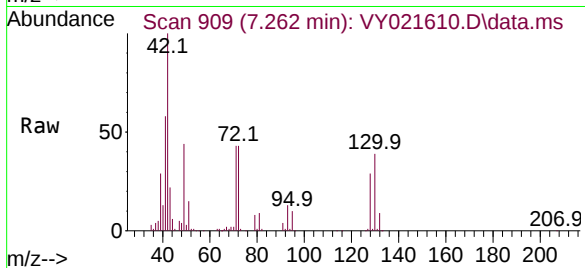
Tgt Ion: 42 Resp: 98775

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

71 40.7 32.6 48.8



#30

Chloroform

Concen: 49.863 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021610.D

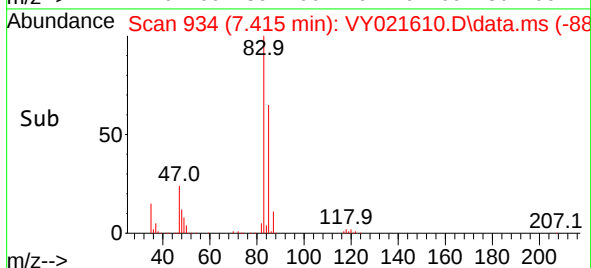
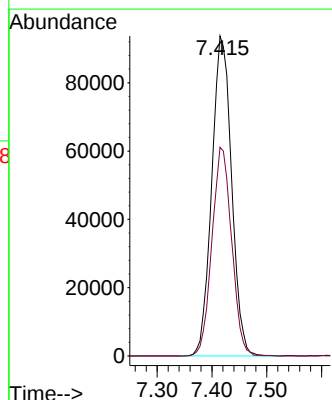
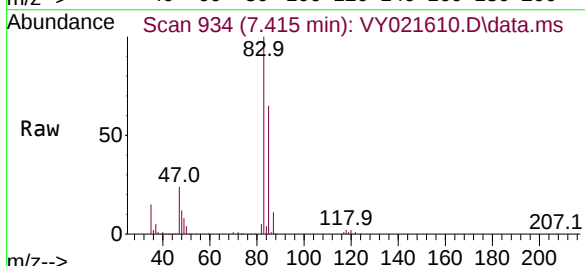
Acq: 24 Mar 2025 11:06

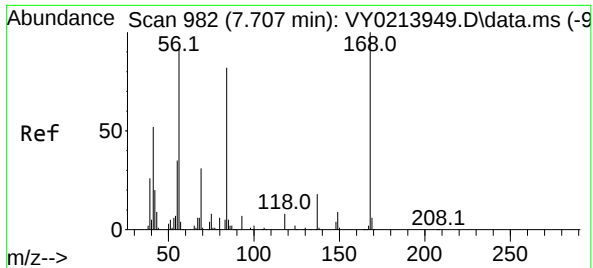
Tgt Ion: 83 Resp: 234869

Ion Ratio Lower Upper

83 100

85 65.2 53.1 79.7

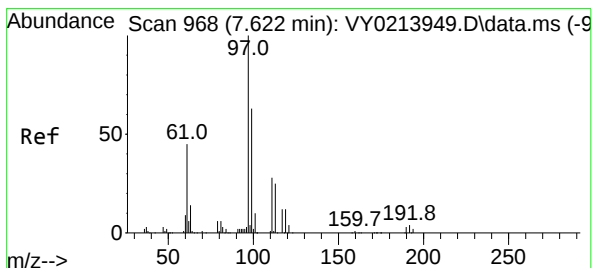
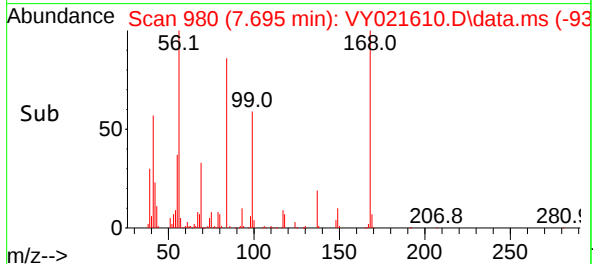
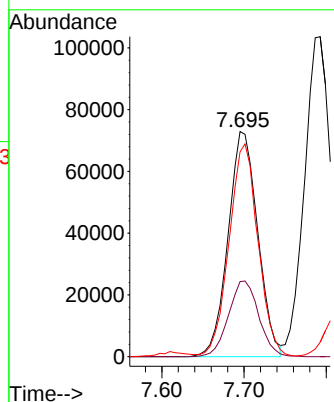
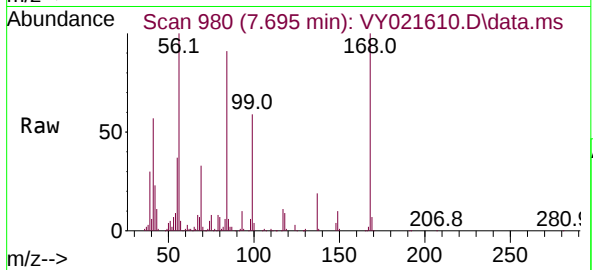




#31
Cyclohexane
Concen: 42.990 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

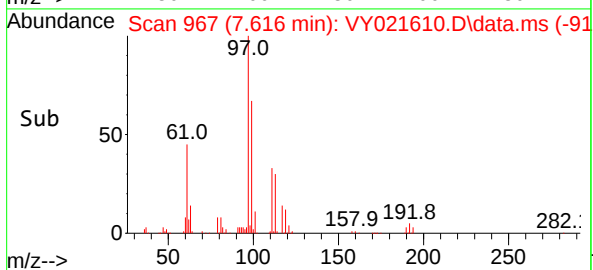
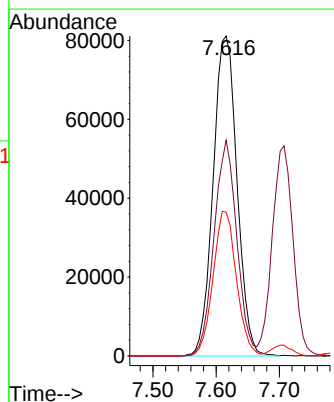
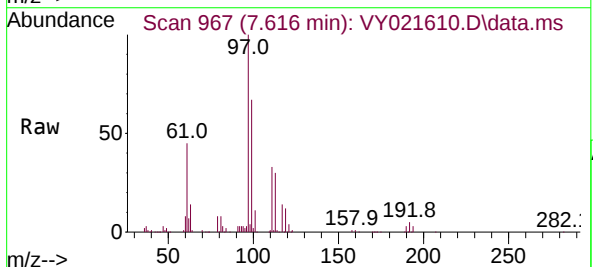
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

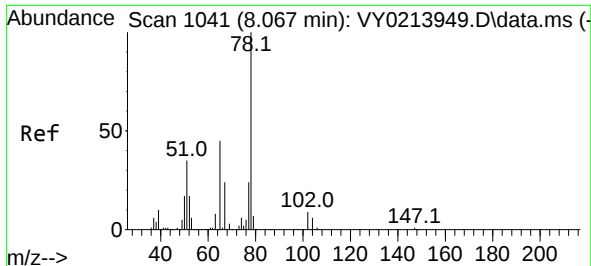
Tgt Ion: 56 Resp: 182822
Ion Ratio Lower Upper
56 100
69 33.4 27.0 40.4
84 89.4 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 49.379 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 97 Resp: 212965
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 44.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 43.519 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

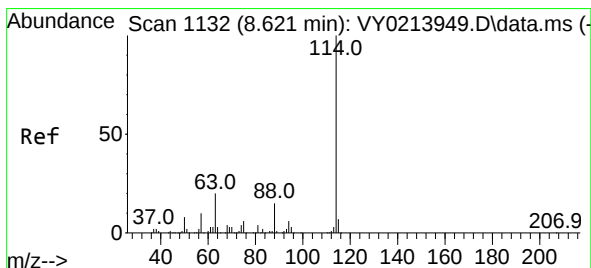
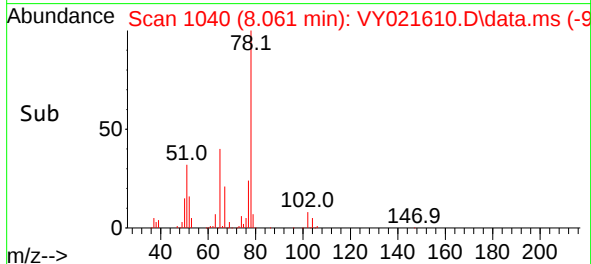
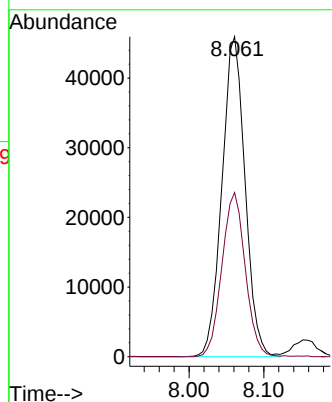
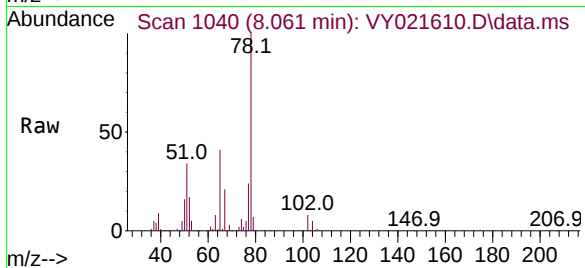
VSTDCCC050

Tgt Ion: 65 Resp: 98816

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

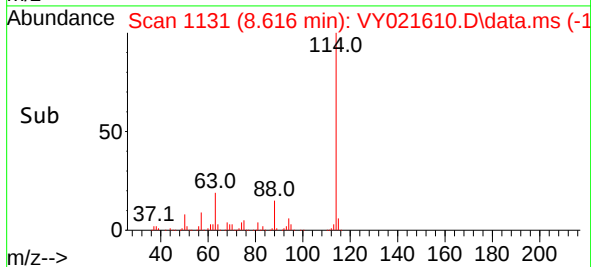
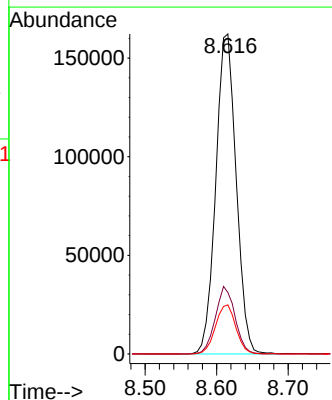
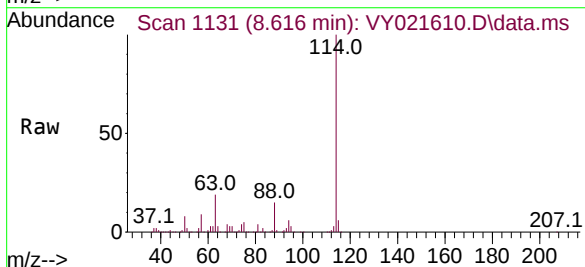
Tgt Ion: 114 Resp: 321283

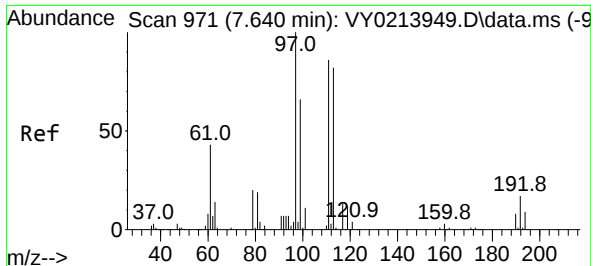
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.810 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

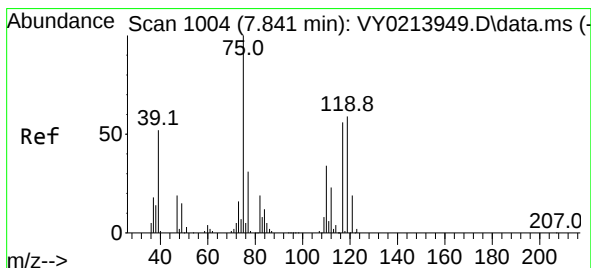
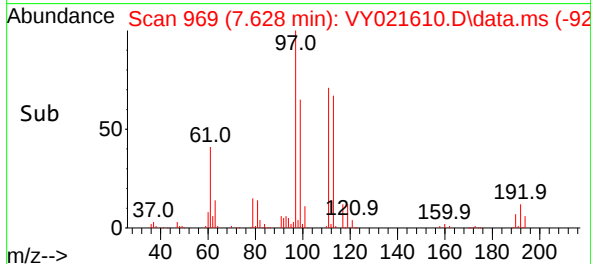
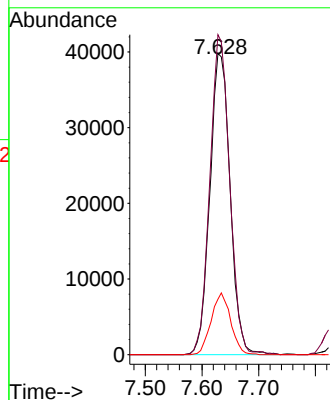
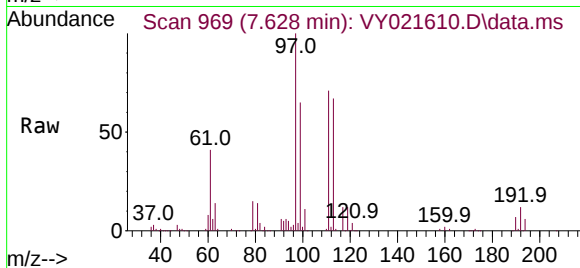
Tgt Ion:113 Resp: 98856

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 19.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 49.474 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

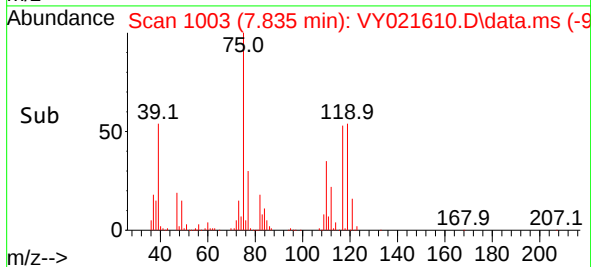
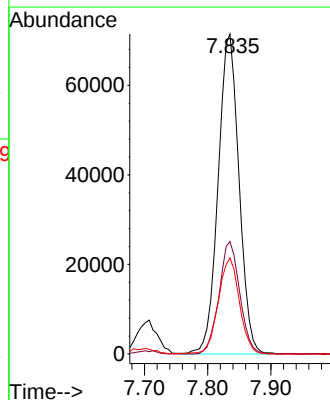
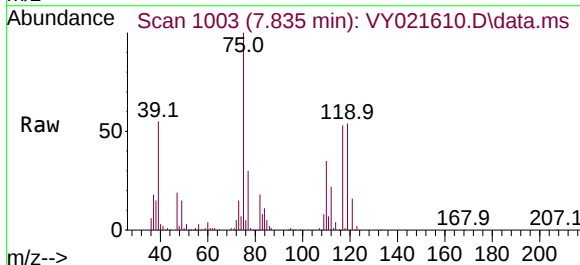
Tgt Ion: 75 Resp: 163545

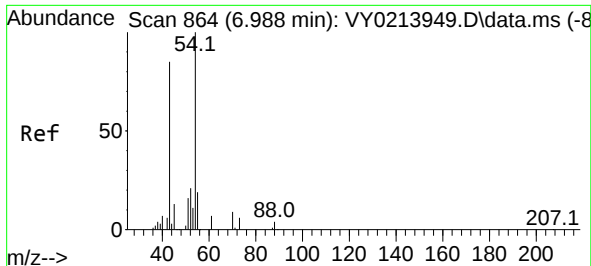
Ion Ratio Lower Upper

75 100

110 34.9 17.3 51.7

77 30.4 25.4 38.2





#37

Ethyl Acetate

Concen: 46.568 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

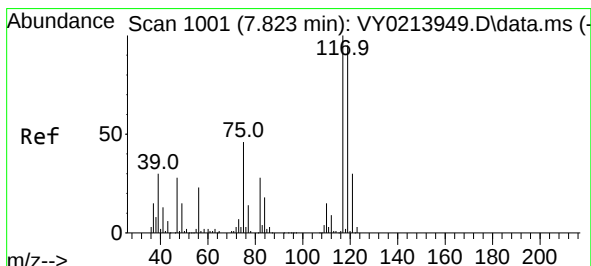
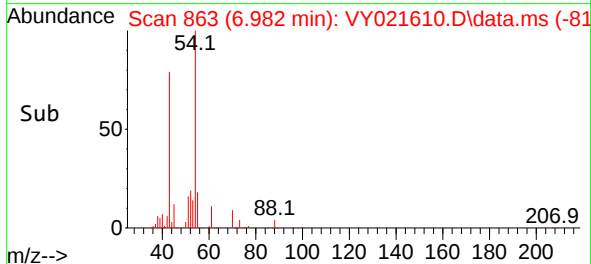
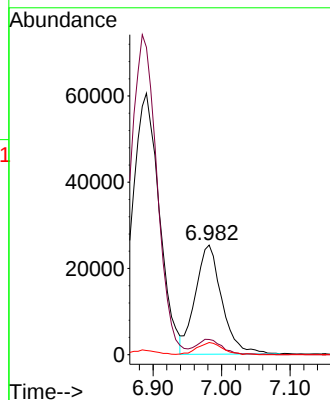
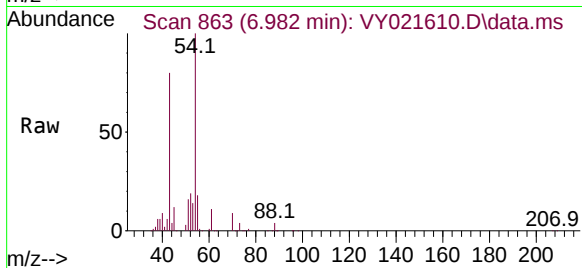
Tgt Ion: 43 Resp: 68040

Ion Ratio Lower Upper

43 100

61 13.8 11.4 17.0

70 10.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 51.726 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

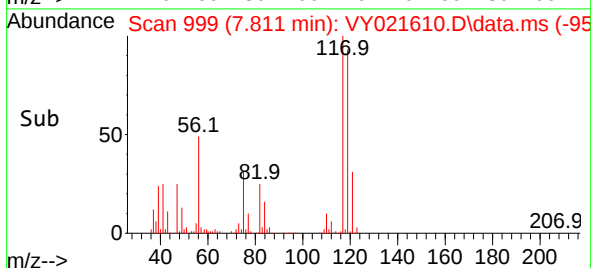
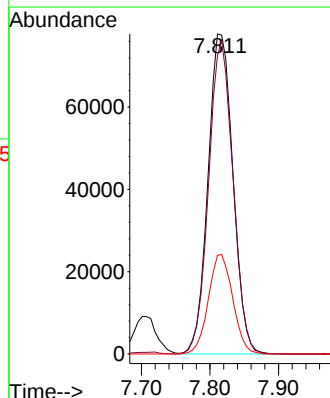
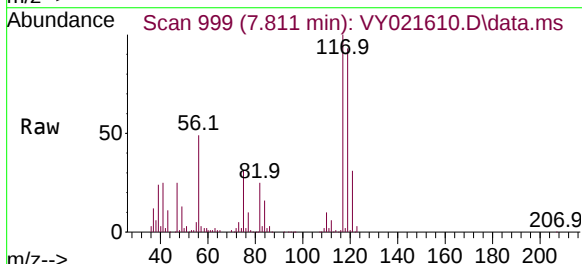
Tgt Ion: 117 Resp: 196650

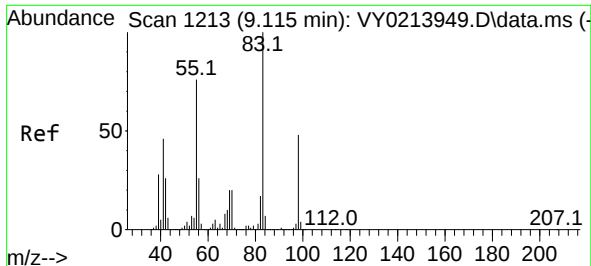
Ion Ratio Lower Upper

117 100

119 93.2 75.8 113.8

121 30.8 23.9 35.9

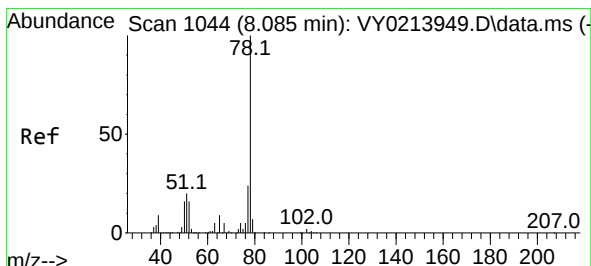
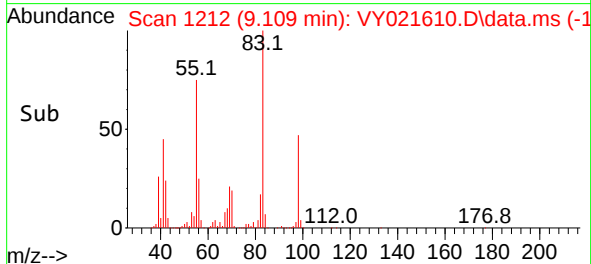
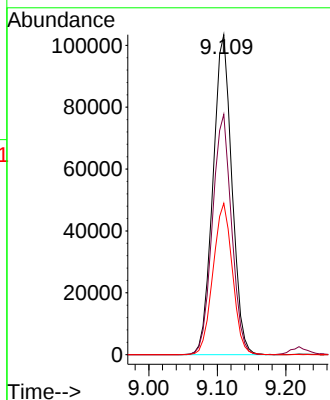
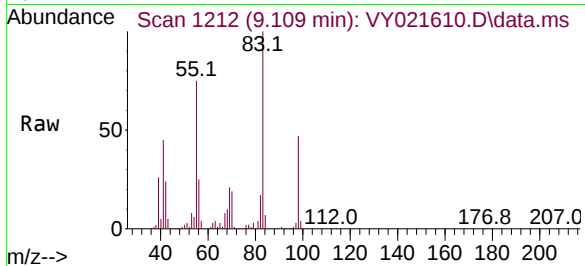




#39
Methylcyclohexane
Concen: 48.945 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

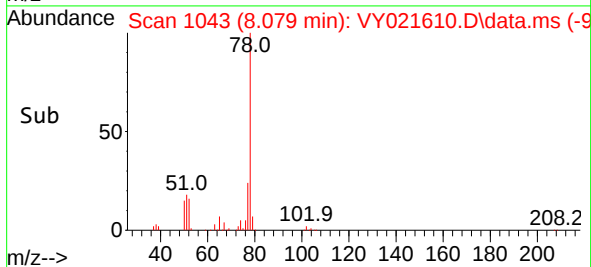
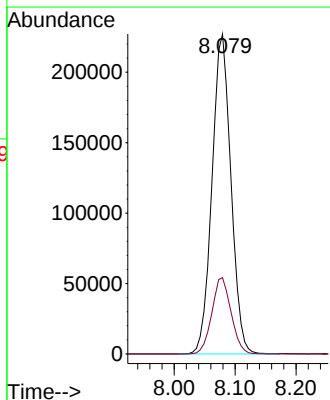
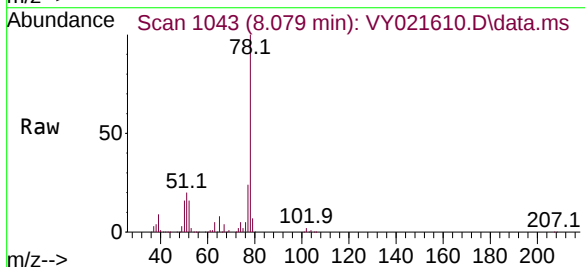
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

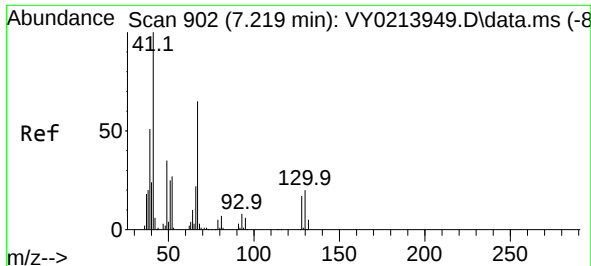
Tgt Ion: 83 Resp: 198465
Ion Ratio Lower Upper
83 100
55 75.1 60.7 91.1
98 47.3 38.6 57.8



#40
Benzene
Concen: 50.247 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 78 Resp: 489296
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

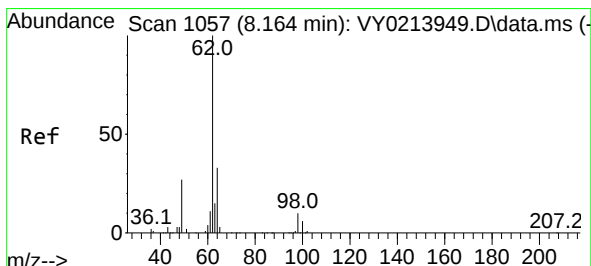
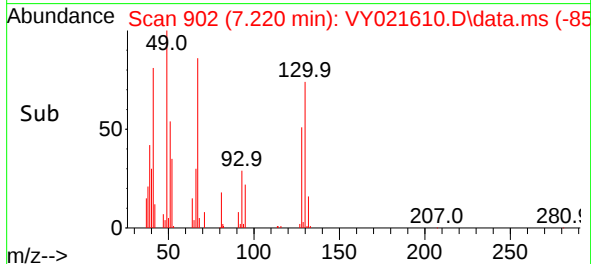
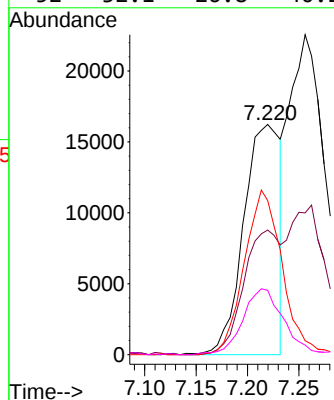
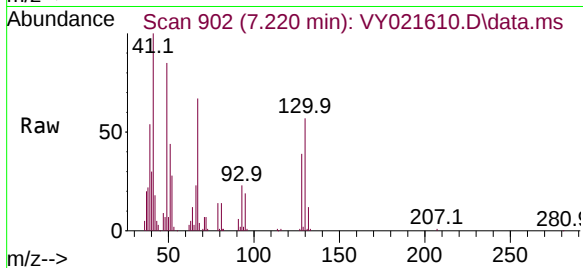




#41
Methacrylonitrile
Concen: 50.552 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

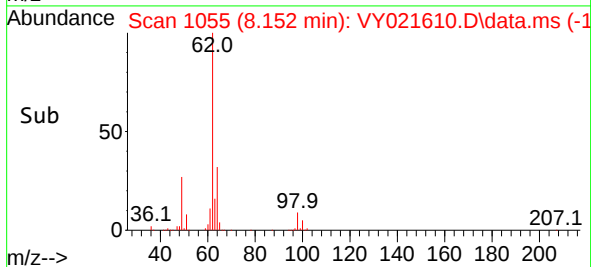
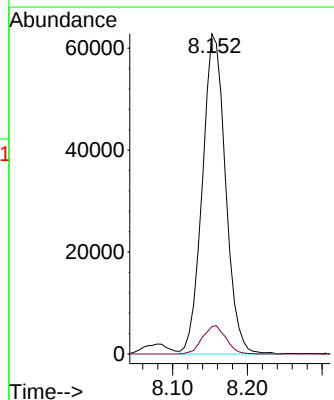
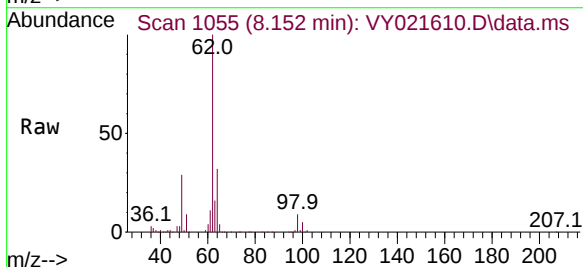
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

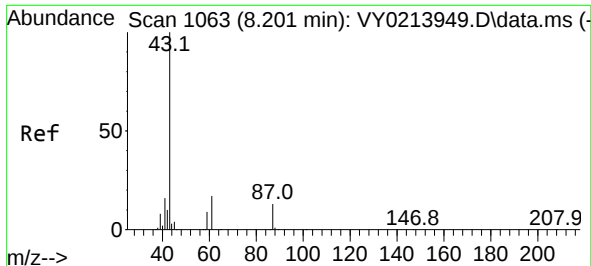
Tgt Ion:	41	Resp:	40217
Ion	Ratio	Lower	Upper
41	100		
39	53.4	35.0	52.6#
67	74.5	61.2	91.8
52	32.1	26.8	40.2



#42
1,2-Dichloroethane
Concen: 49.649 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:	62	Resp:	135254
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2

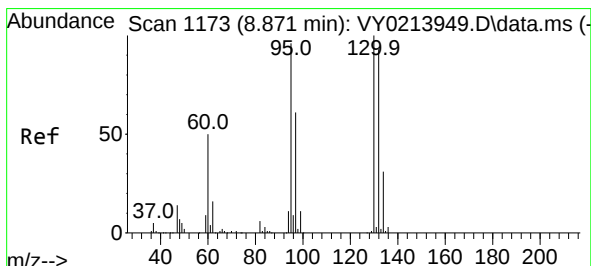
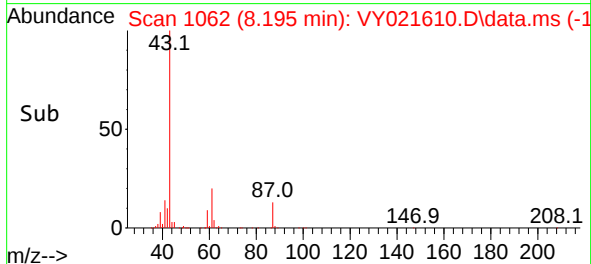
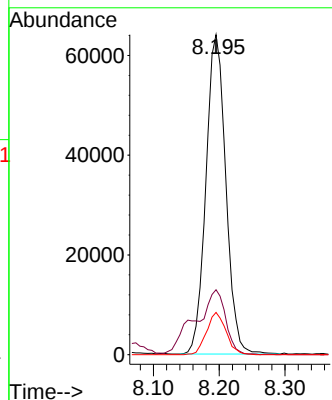
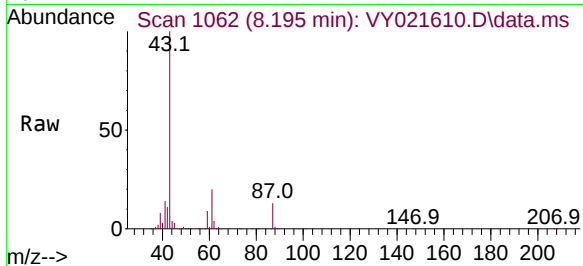




#43
Isopropyl Acetate
Concen: 47.605 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

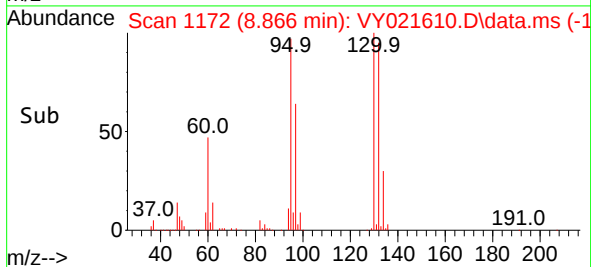
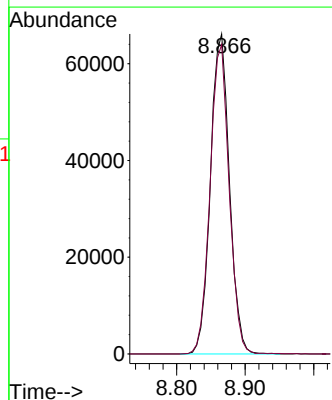
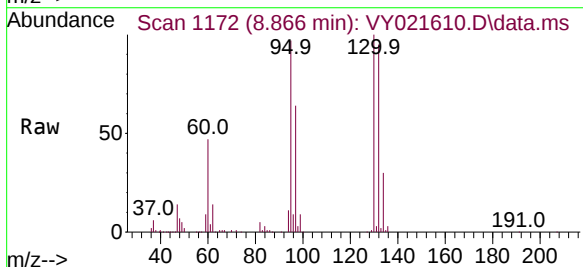
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

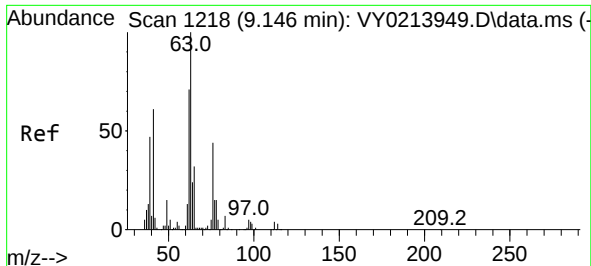
Tgt Ion: 43 Resp: 135023
Ion Ratio Lower Upper
43 100
61 19.9 23.4 35.0#
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 51.825 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:130 Resp: 127529
Ion Ratio Lower Upper
130 100
95 96.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.785 ug/l

RT: 9.140 min Scan# 117700

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

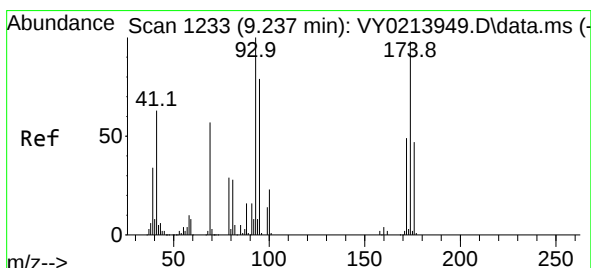
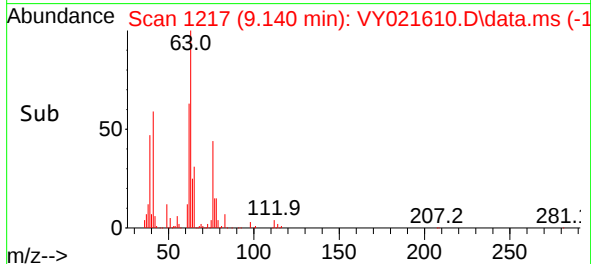
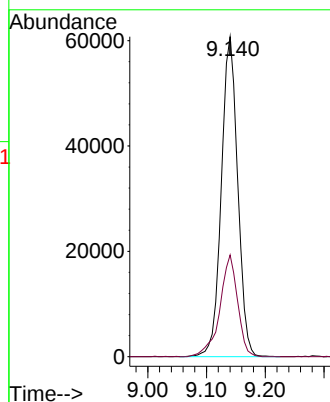
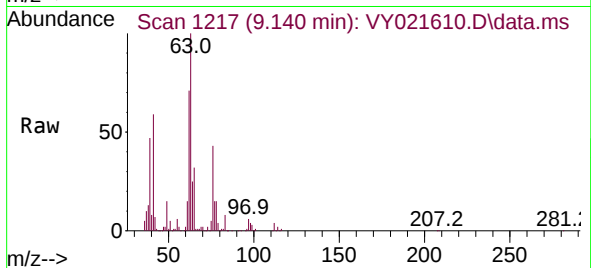
VSTDCCC050

Tgt Ion: 63 Resp: 117700

Ion Ratio Lower Upper

63 100

65 31.8 26.0 39.0



#46

Dibromomethane

Concen: 49.358 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

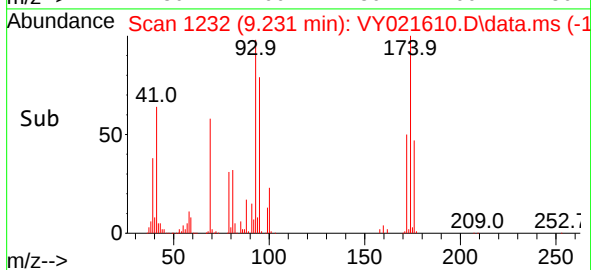
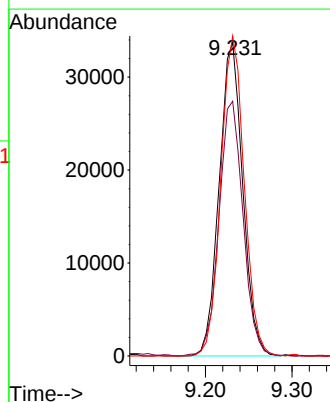
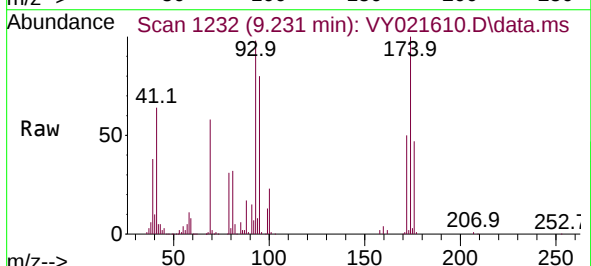
Tgt Ion: 93 Resp: 63649

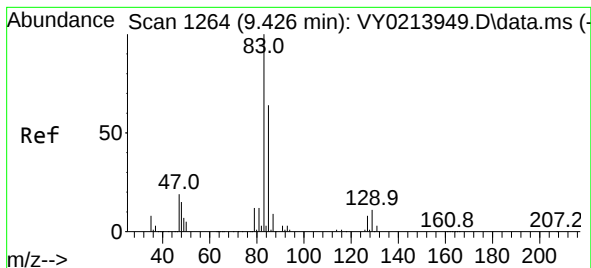
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 101.5 77.9 116.9





#47

Bromodichloromethane

Concen: 52.046 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

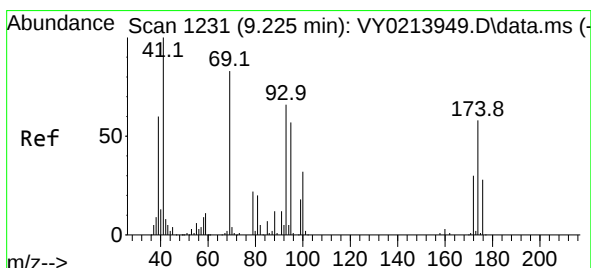
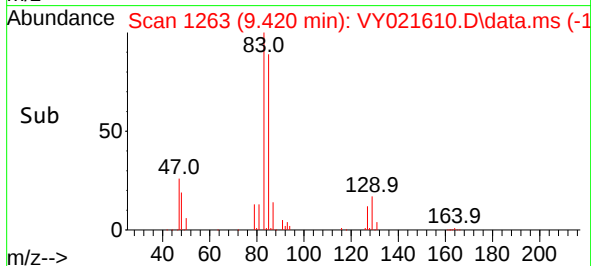
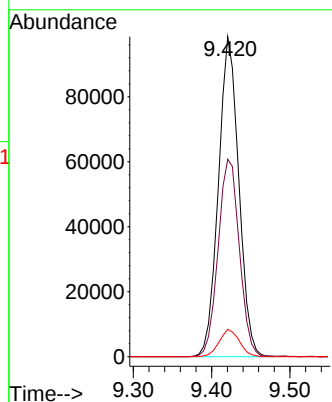
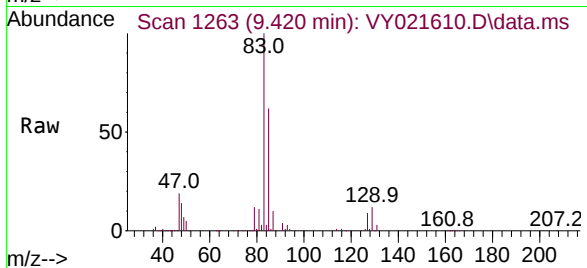
Tgt Ion: 83 Resp: 178238

Ion Ratio Lower Upper

83 100

85 61.7 51.1 76.7

127 8.6 6.7 10.1



#48

Methyl methacrylate

Concen: 50.817 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

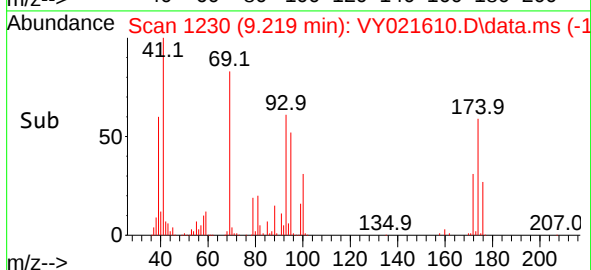
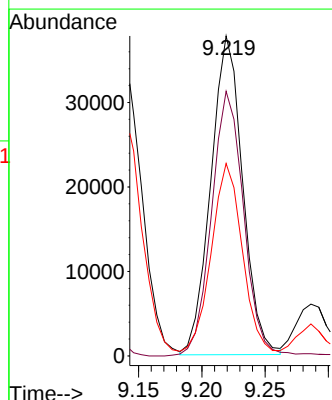
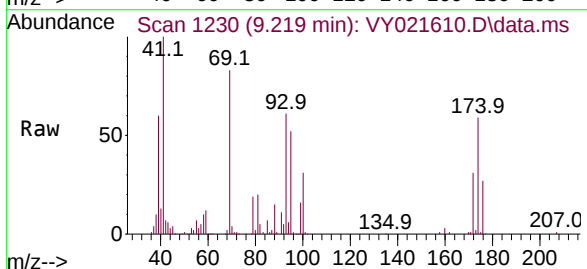
Tgt Ion: 41 Resp: 66185

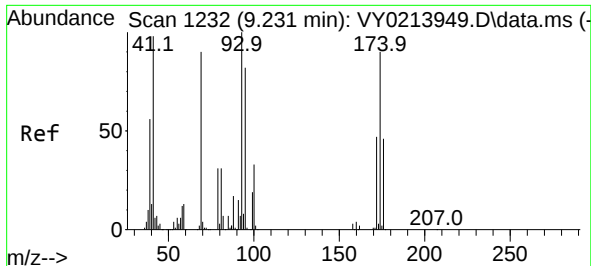
Ion Ratio Lower Upper

41 100

69 84.2 67.8 101.8

39 56.9 46.4 69.6





#49

1,4-Dioxane

Concen: 1106.321 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

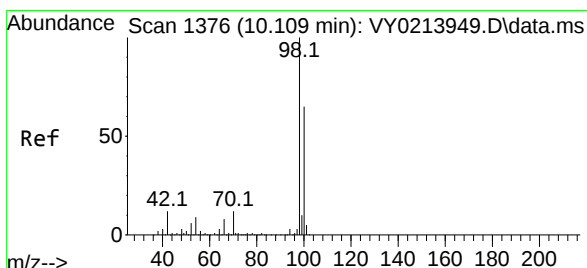
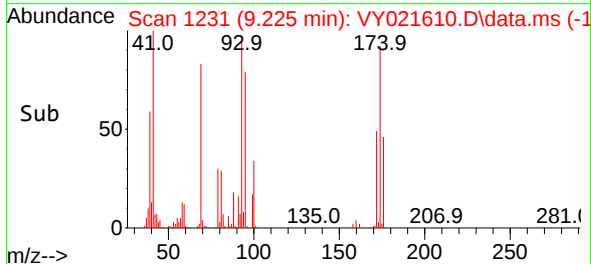
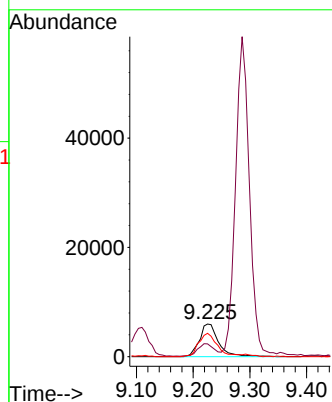
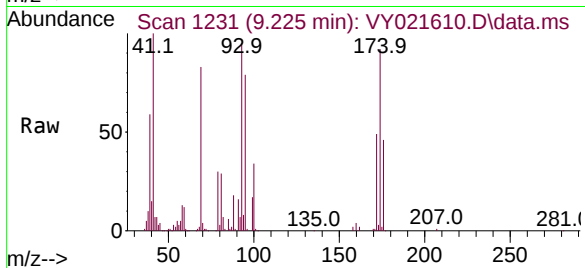
Tgt Ion: 88 Resp: 14003

Ion Ratio Lower Upper

88 100

43 34.0 25.0 37.4

58 70.8 58.4 87.6



#50

Toluene-d8

Concen: 45.872 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021610.D

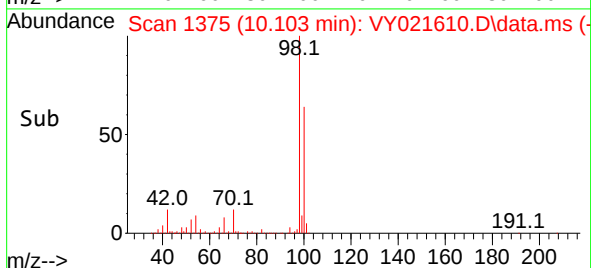
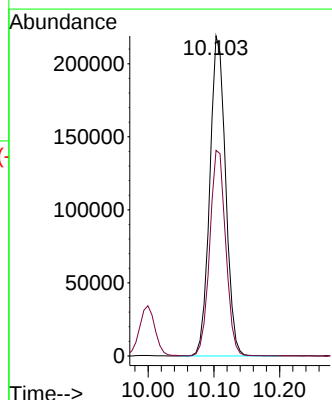
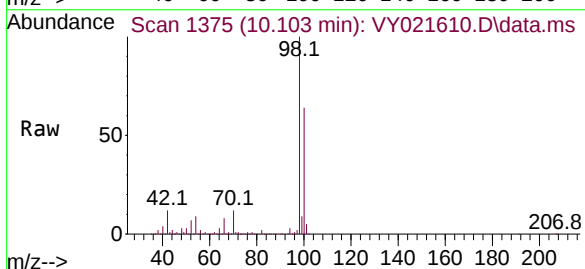
Acq: 24 Mar 2025 11:06

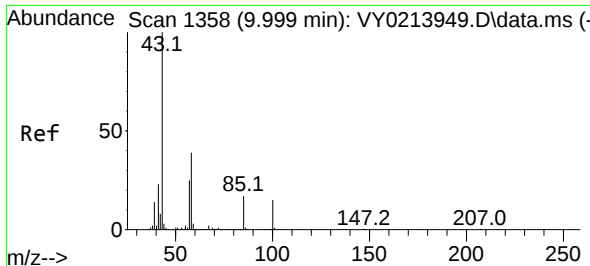
Tgt Ion: 98 Resp: 366801

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

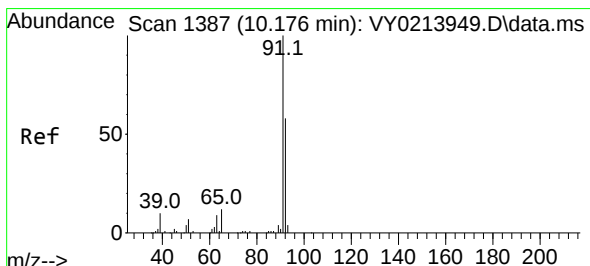
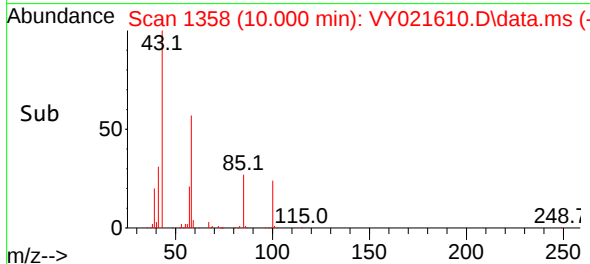
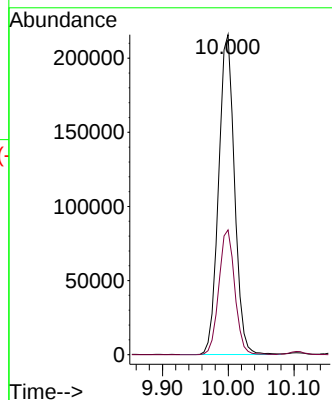
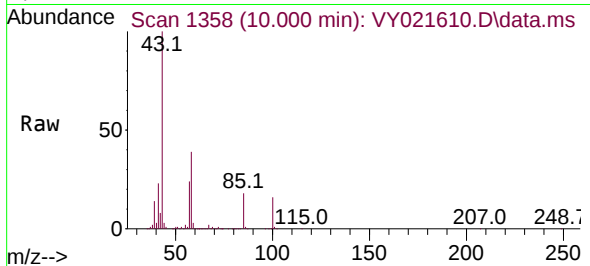




#51
4-Methyl-2-Pentanone
Concen: 248.201 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

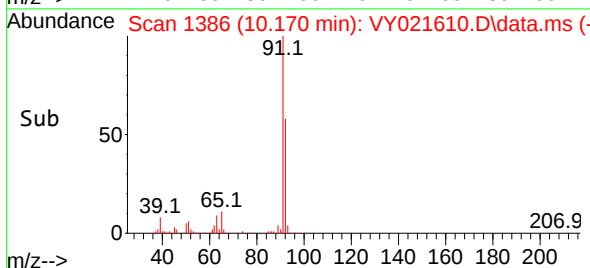
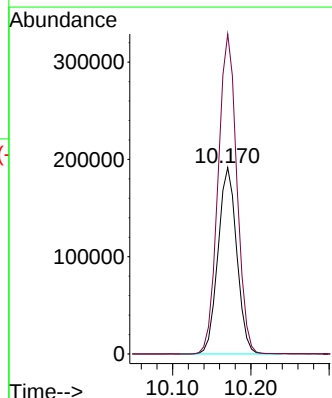
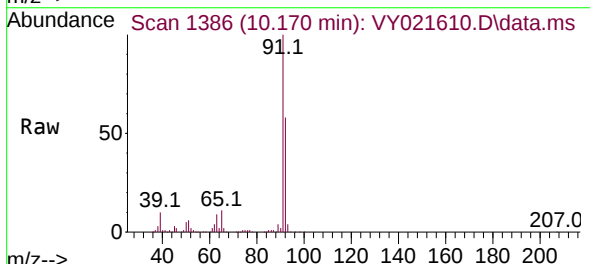
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

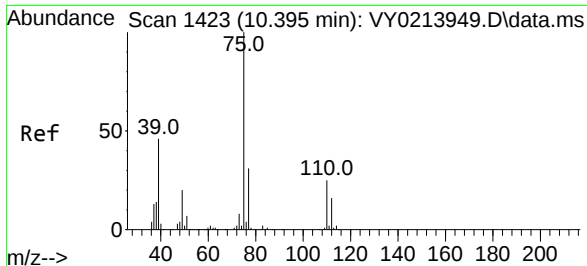
Tgt Ion: 43 Resp: 363229
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2



#52
Toluene
Concen: 51.915 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 92 Resp: 318719
Ion Ratio Lower Upper
92 100
91 172.1 138.2 207.2

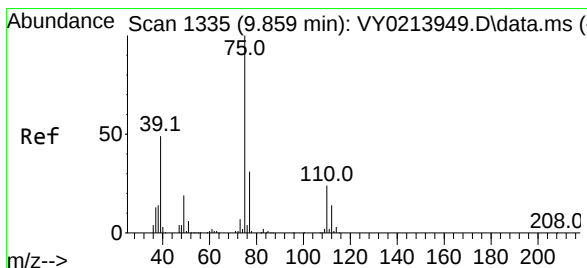
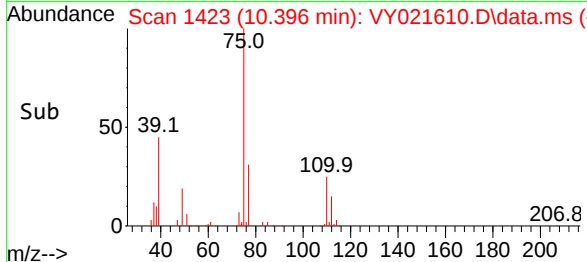
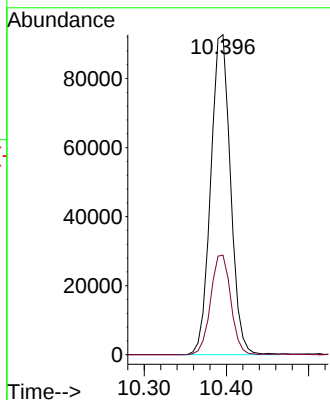
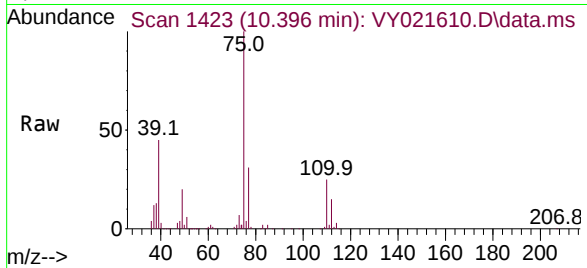




#53
 t-1,3-Dichloropropene
 Concen: 51.363 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

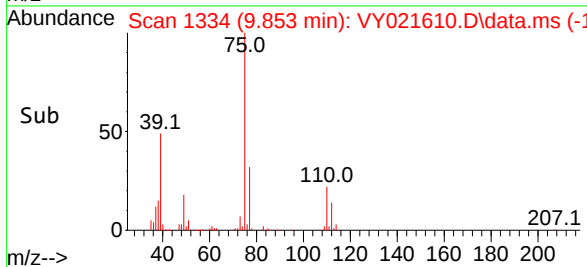
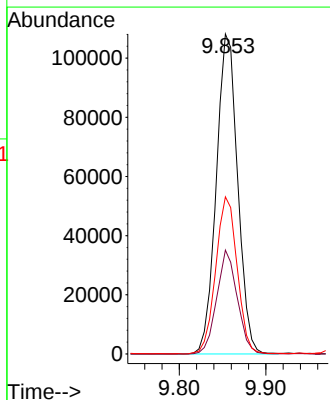
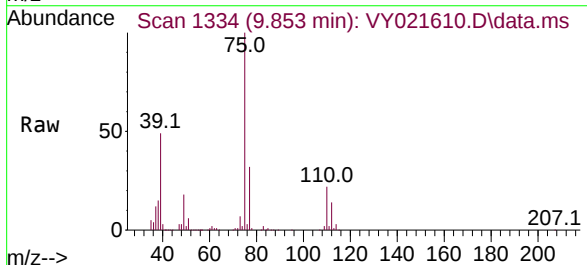
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

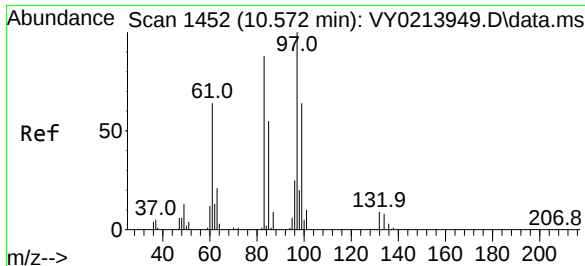
Tgt Ion: 75 Resp: 154971
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.787 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion: 75 Resp: 185508
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 37.0
 39 49.0 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 51.523 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 86911

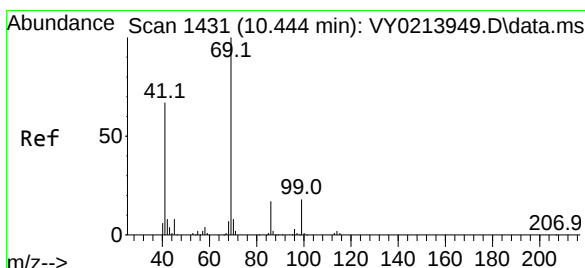
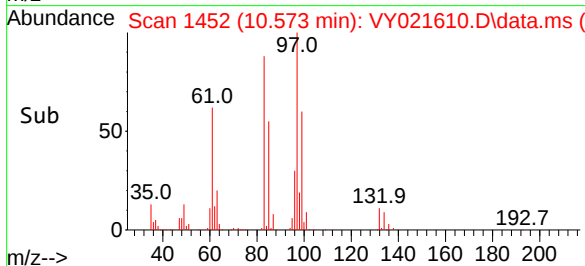
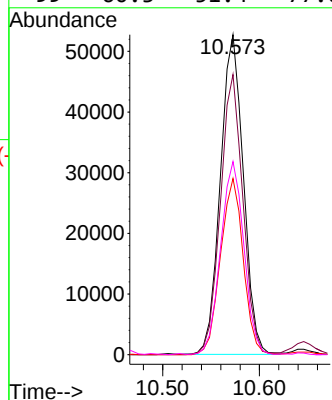
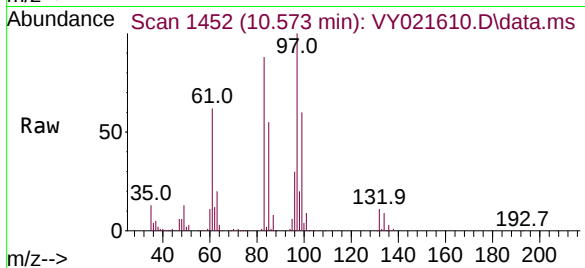
Ion Ratio Lower Upper

97 100

83 87.7 70.0 105.0

85 55.1 44.3 66.5

99 60.3 51.4 77.0



#56

Ethyl methacrylate

Concen: 51.606 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

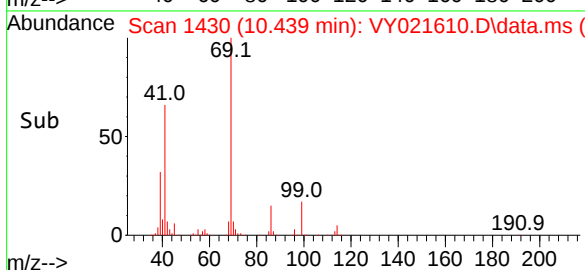
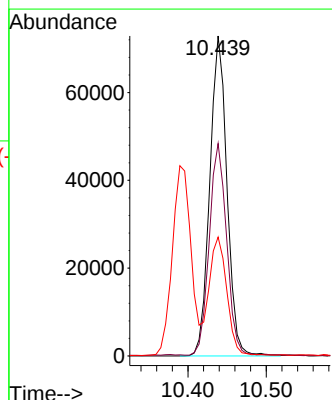
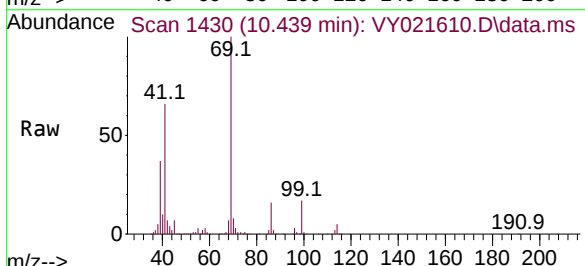
Tgt Ion: 69 Resp: 111021

Ion Ratio Lower Upper

69 100

41 66.6 53.3 79.9

39 38.6 31.0 46.6

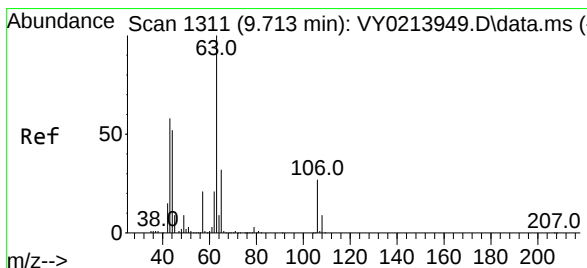
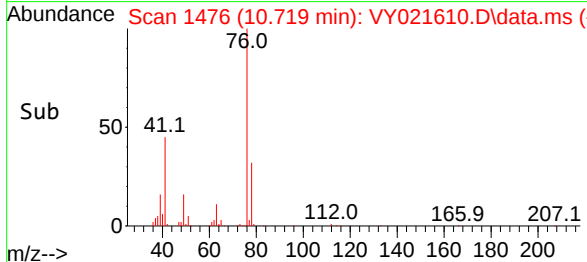
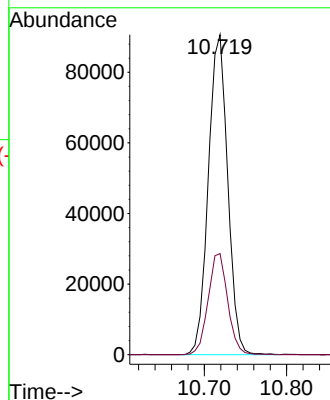
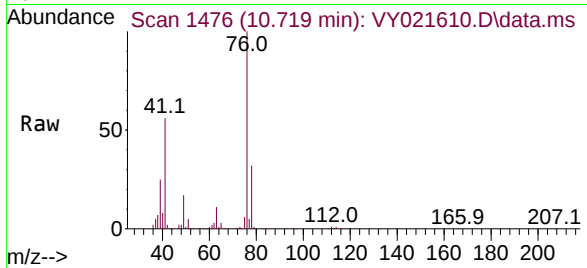




#57
1,3-Dichloropropane
Concen: 50.639 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

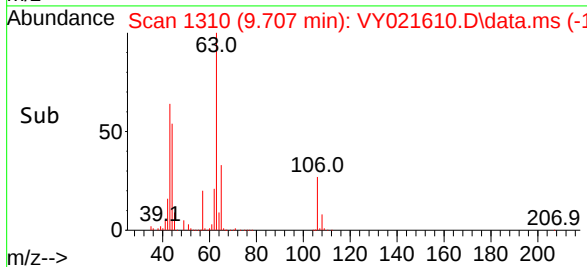
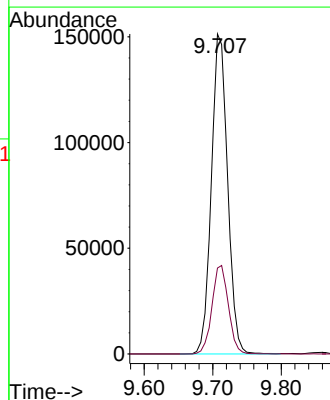
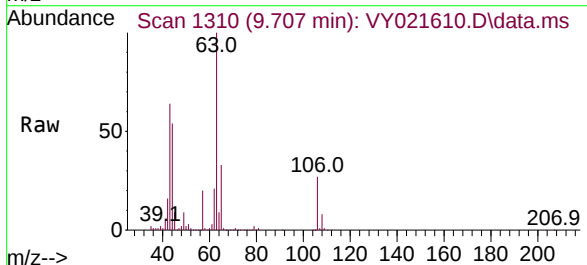
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 148050
Ion Ratio Lower Upper
76 100
78 32.0 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 250.514 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 63 Resp: 248787
Ion Ratio Lower Upper
63 100
106 27.9 22.1 33.1





#59

2-Hexanone

Concen: 265.318 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

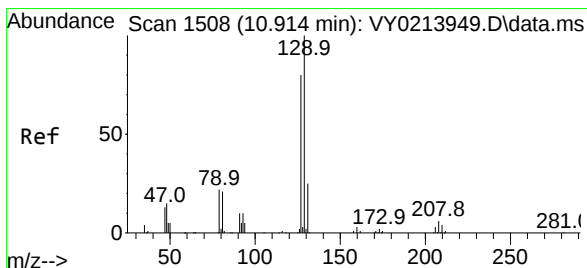
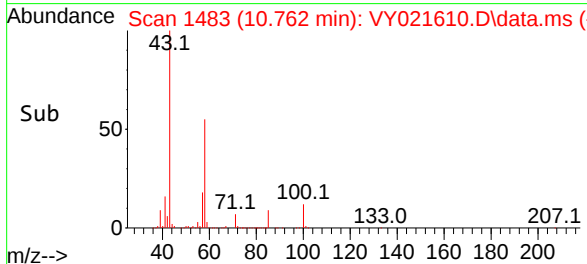
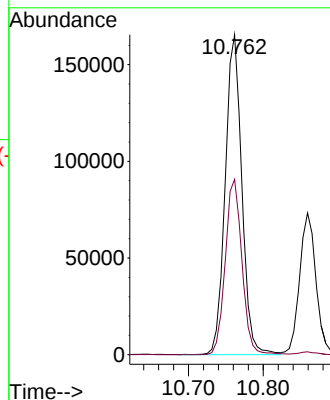
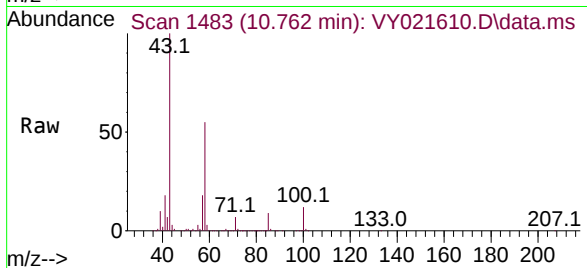
VSTDCCC050

Tgt Ion: 43 Resp: 256739

Ion Ratio Lower Upper

43 100

58 54.9 27.3 81.8



#60

Dibromochloromethane

Concen: 52.321 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021610.D

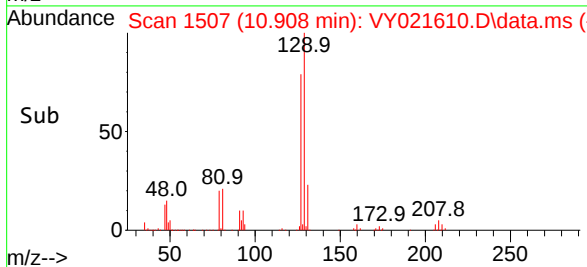
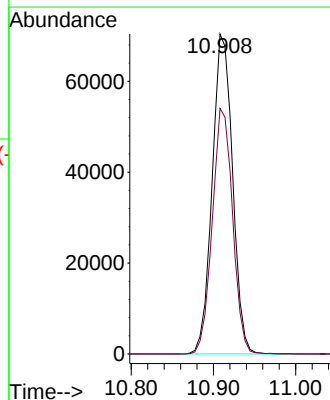
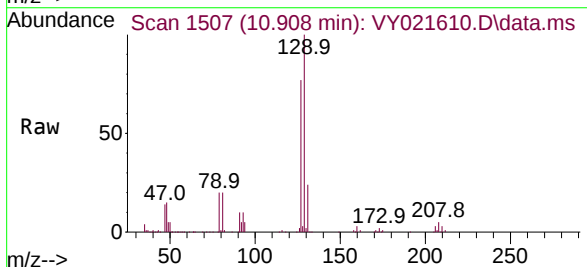
Acq: 24 Mar 2025 11:06

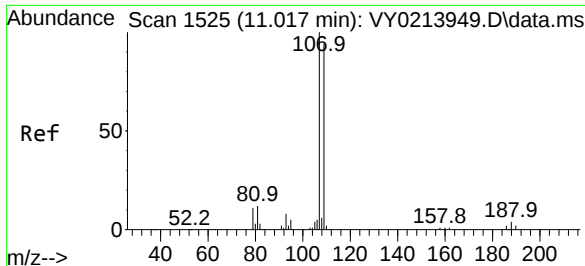
Tgt Ion: 129 Resp: 120995

Ion Ratio Lower Upper

129 100

127 76.7 39.1 117.3

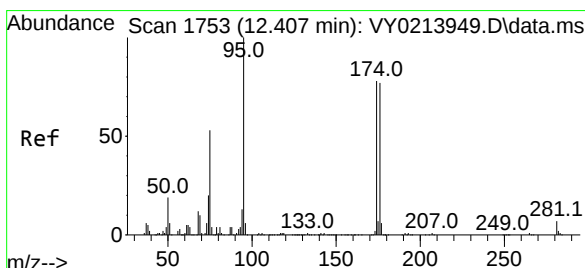
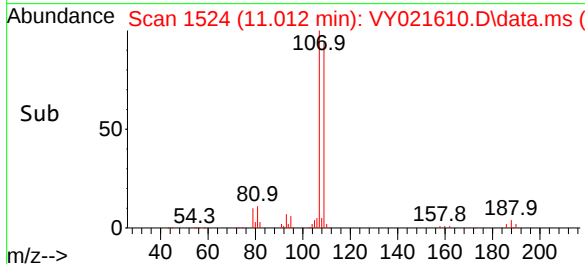
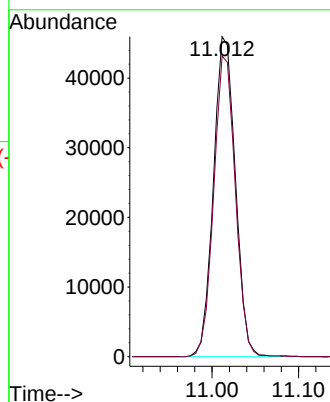
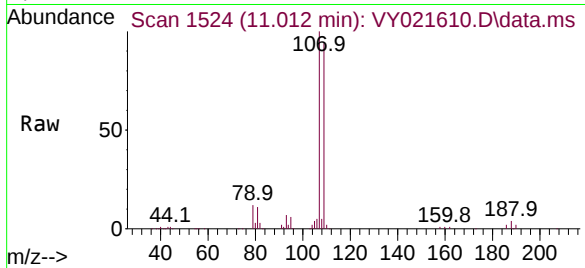




#61
1,2-Dibromoethane
Concen: 50.657 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

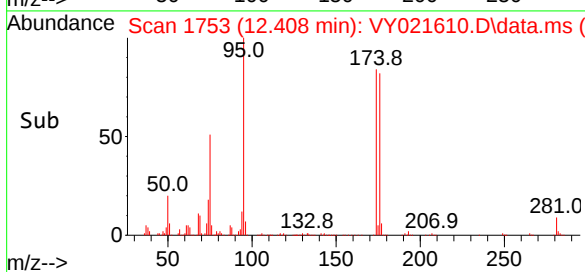
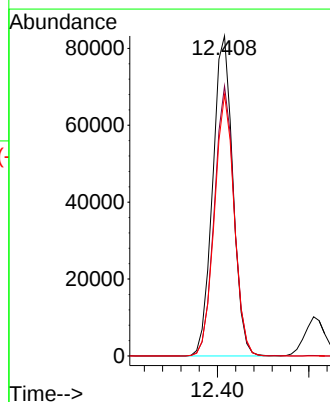
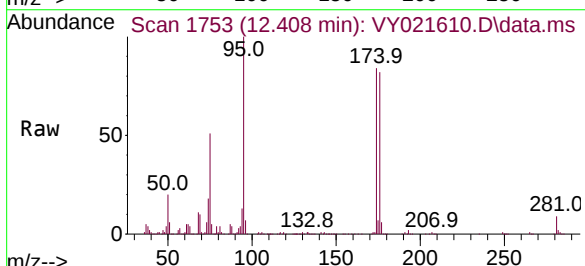
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

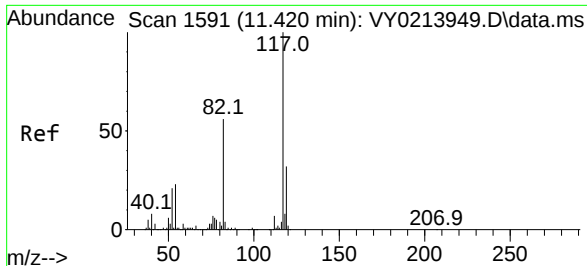
Tgt Ion:107 Resp: 80648
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 46.736 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 95 Resp: 127119
Ion Ratio Lower Upper
95 100
174 82.9 0.0 165.0
176 80.3 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

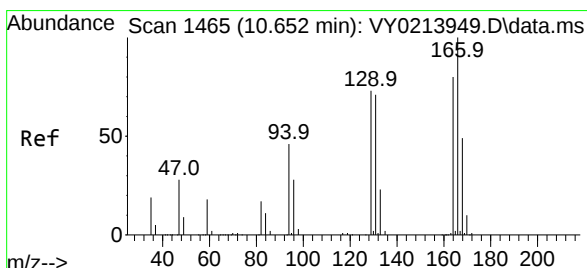
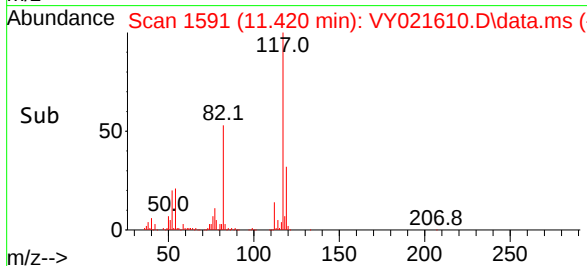
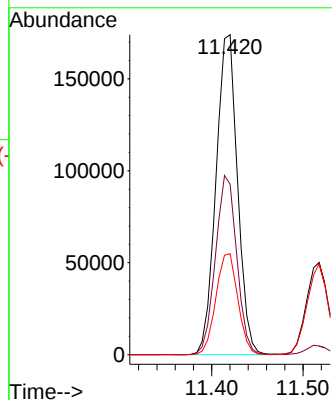
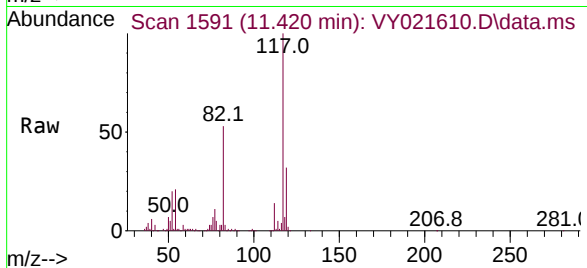
Tgt Ion:117 Resp: 285181

Ion Ratio Lower Upper

117 100

82 53.3 44.6 67.0

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 57.933 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Tgt Ion:164 Resp: 134346

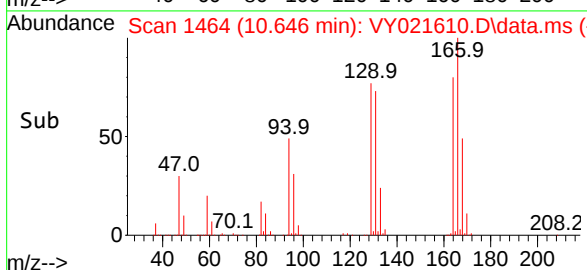
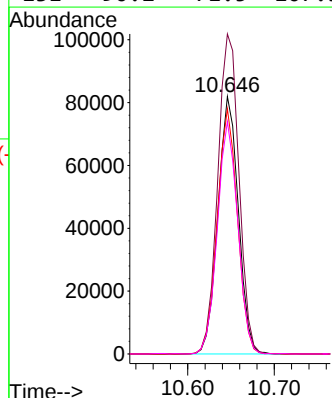
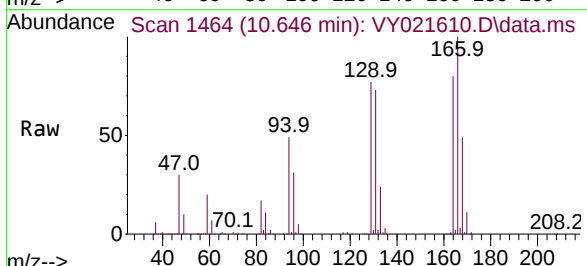
Ion Ratio Lower Upper

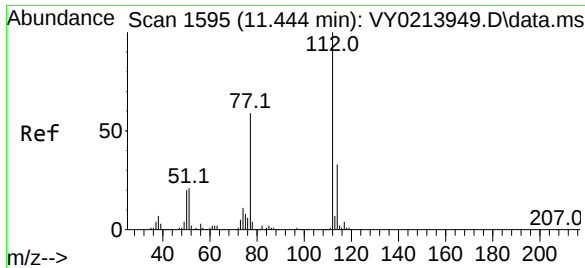
164 100

166 124.3 100.4 150.6

129 95.2 73.8 110.8

131 90.2 71.5 107.3

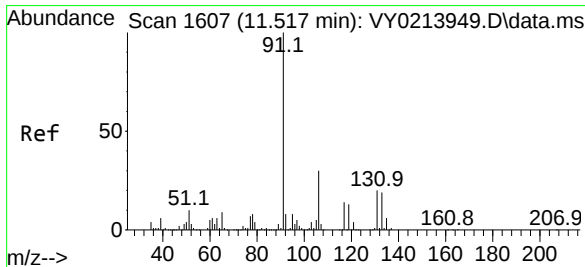
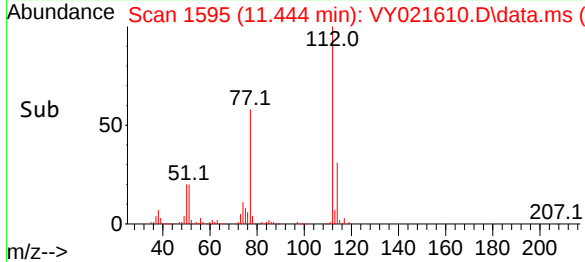
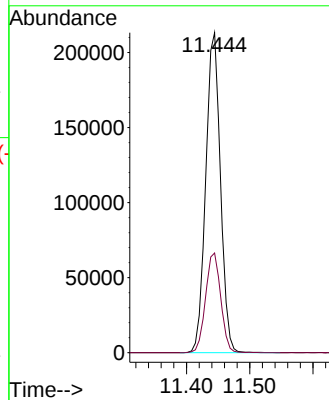
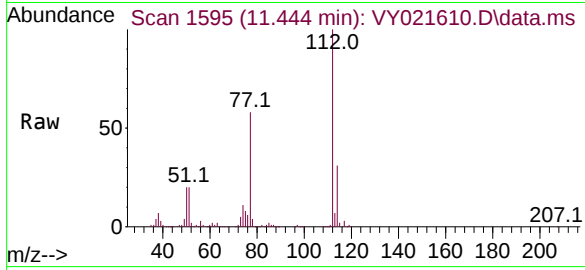




#65
Chlorobenzene
Concen: 51.159 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

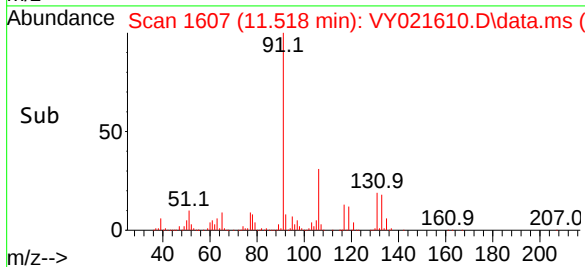
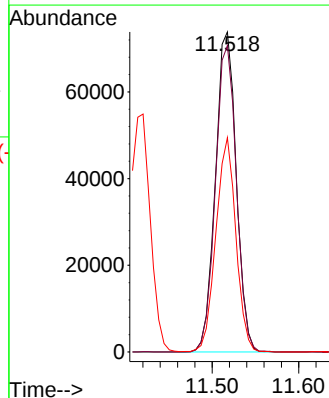
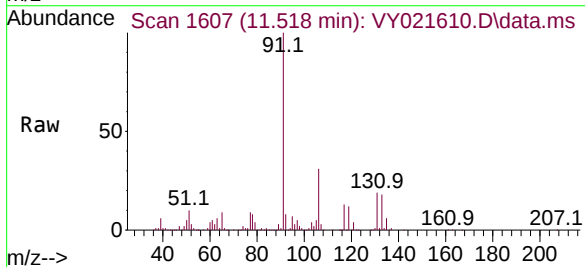
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

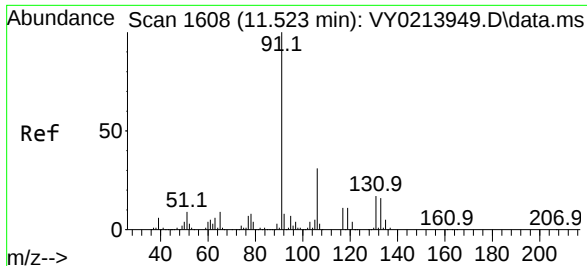
Tgt Ion:112 Resp: 344526
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.812 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:131 Resp: 123362
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.4 32.3 96.9

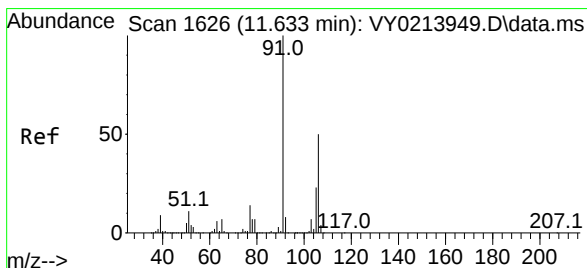
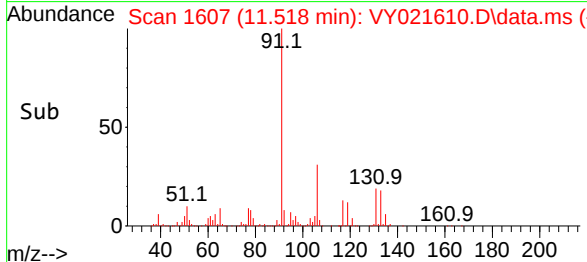
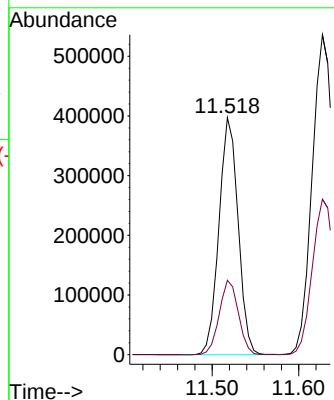
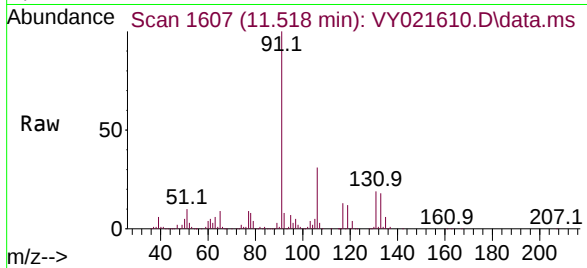




#67
Ethyl Benzene
Concen: 51.587 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

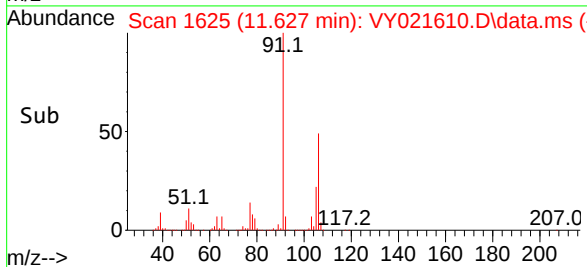
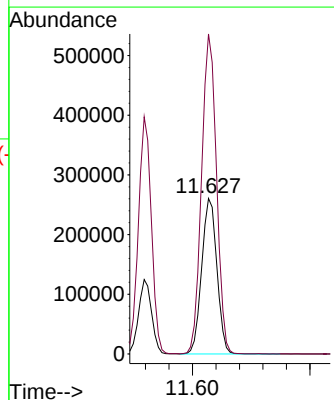
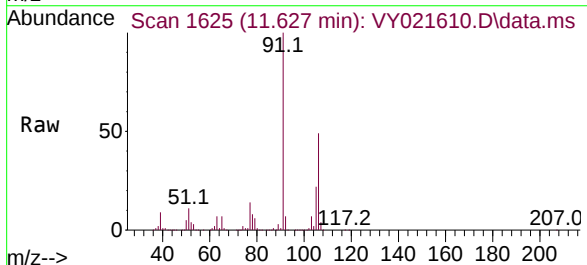
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

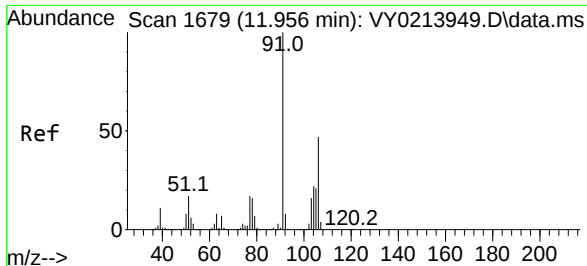
Tgt Ion: 91 Resp: 609768
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 104.354 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:106 Resp: 468296
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5





#69

o-Xylene

Concen: 53.490 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

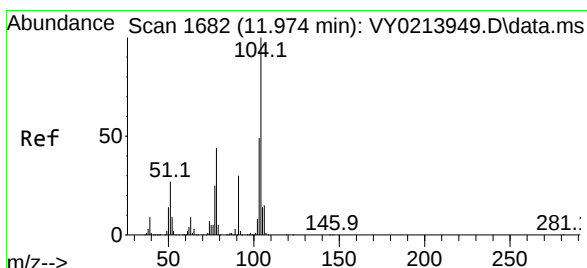
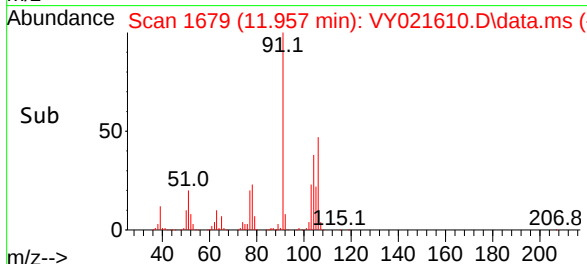
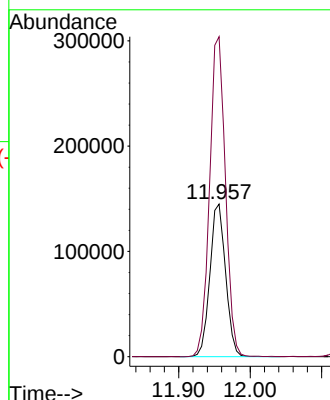
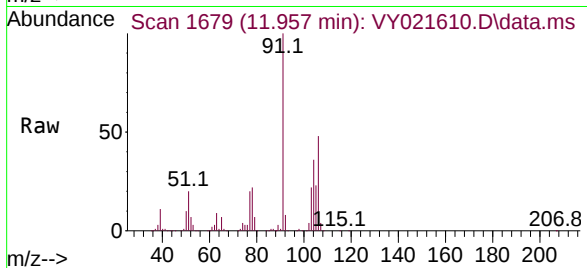
VSTDCCC050

Tgt Ion:106 Resp: 221231

Ion Ratio Lower Upper

106 100

91 210.7 107.6 322.8



#70

Styrene

Concen: 54.329 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

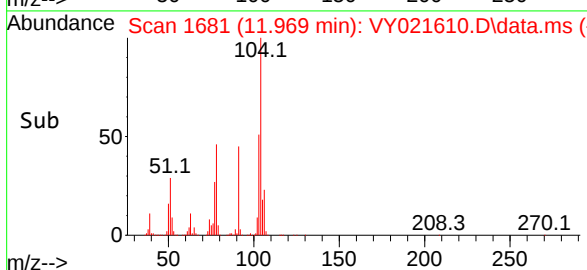
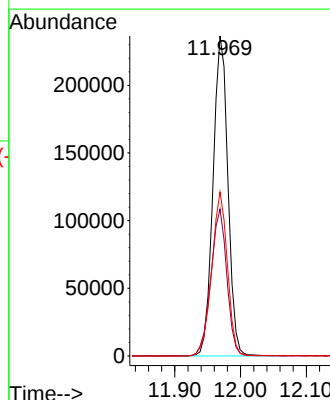
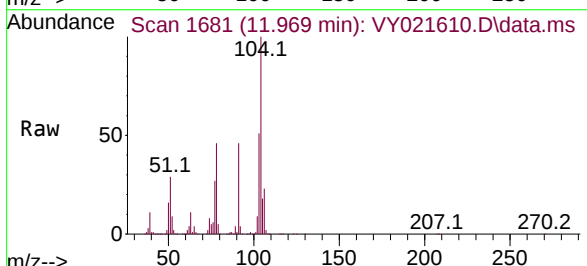
Tgt Ion:104 Resp: 372764

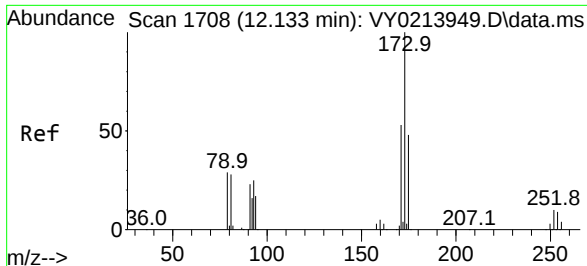
Ion Ratio Lower Upper

104 100

78 49.3 40.7 61.1

103 53.8 44.1 66.1

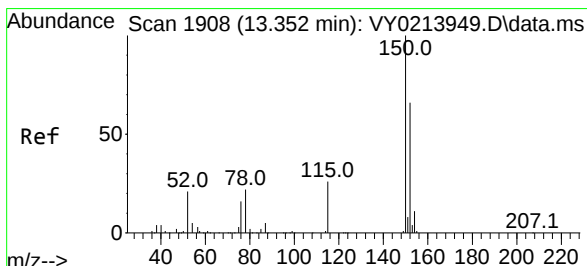
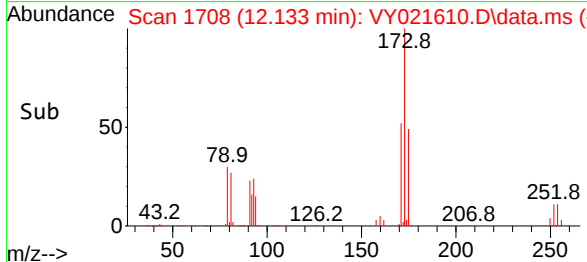
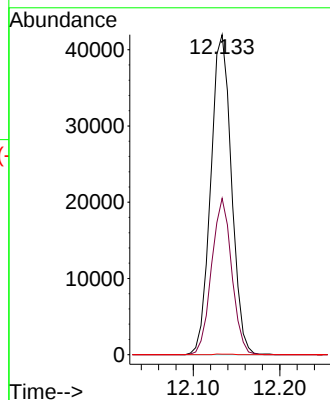
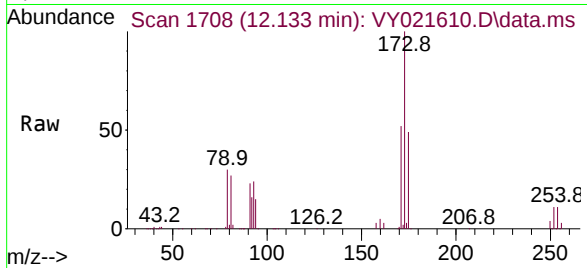




#71
Bromoform
Concen: 52.286 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

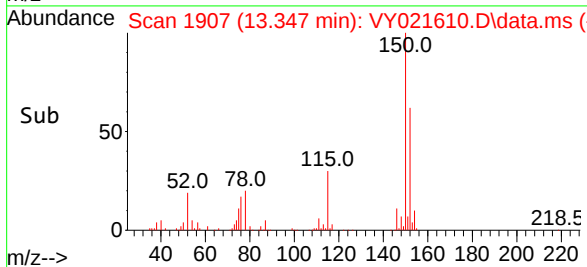
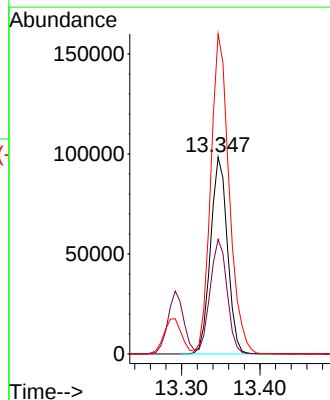
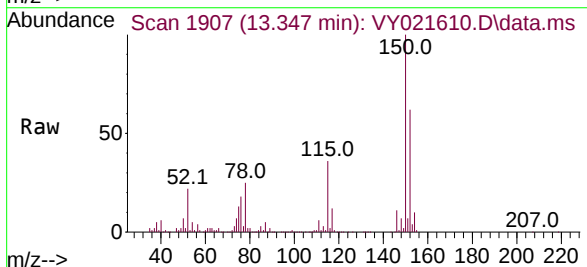
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 69592
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:152 Resp: 147004
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.0
150 178.0 0.0 347.2

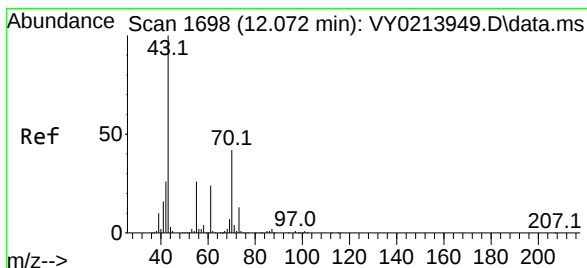
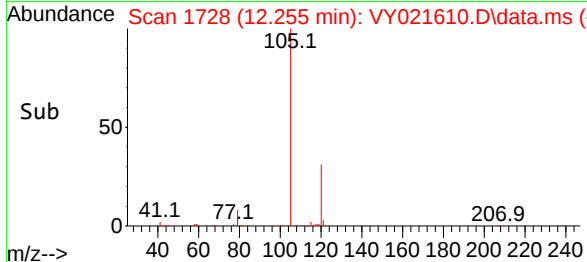
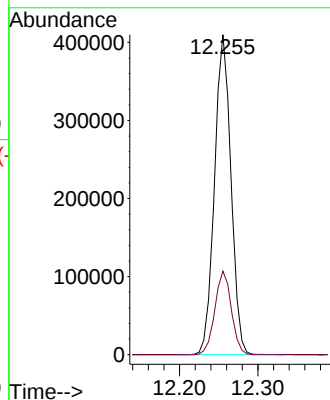
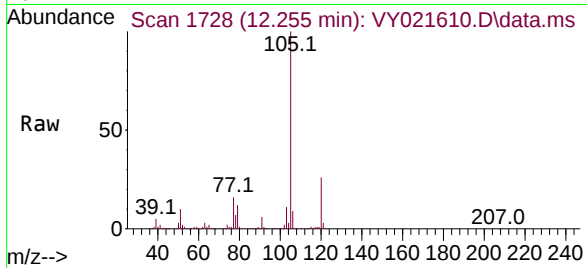




#73
Isopropylbenzene
Concen: 51.626 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

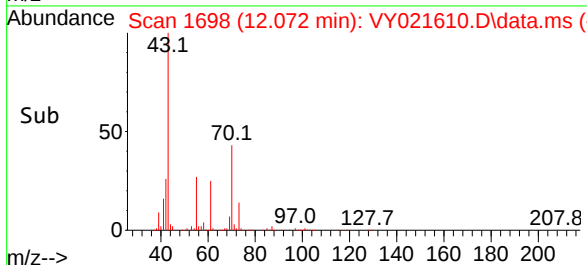
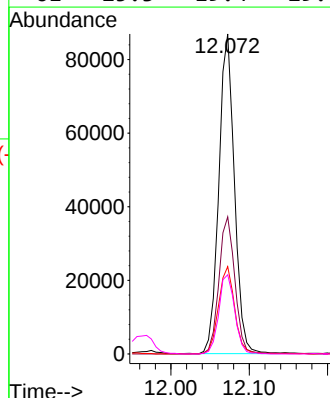
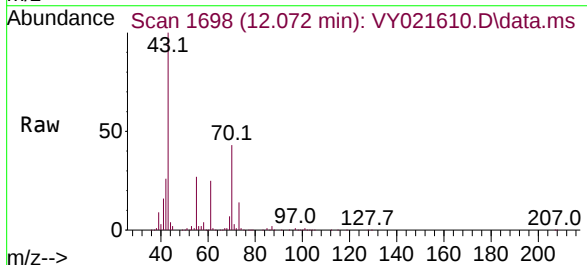
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

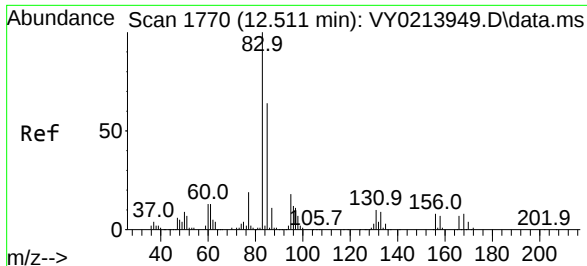
Tgt Ion:105 Resp: 597823
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 47.976 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 43 Resp: 120653
Ion Ratio Lower Upper
43 100
70 43.9 34.6 51.8
55 28.3 21.1 31.7
61 25.3 19.4 29.0

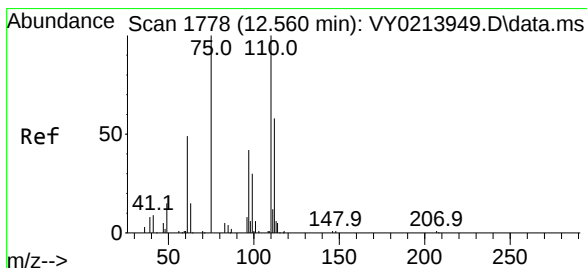
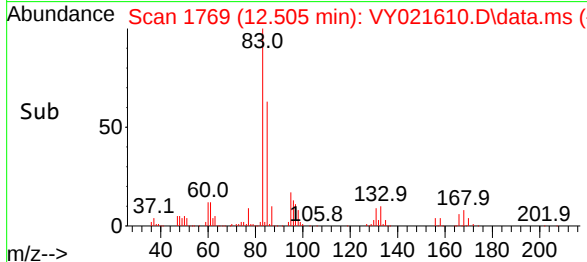
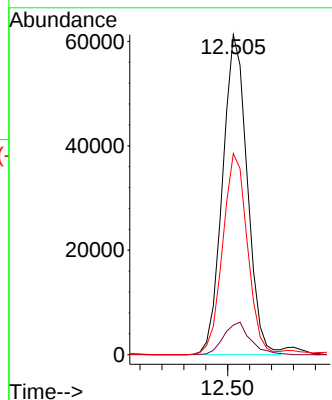
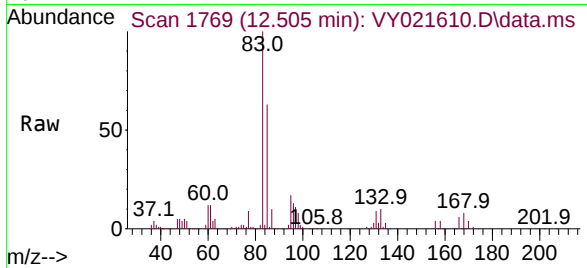




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.884 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

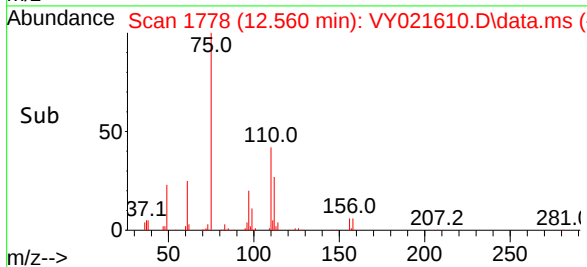
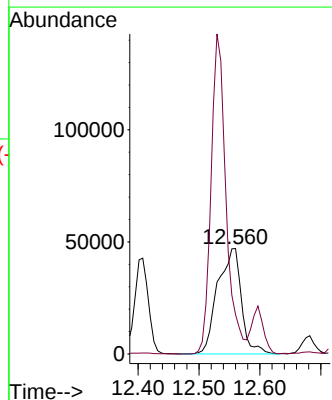
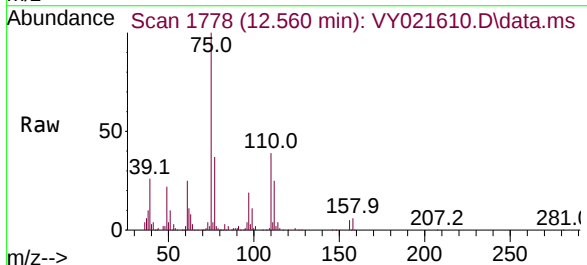
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

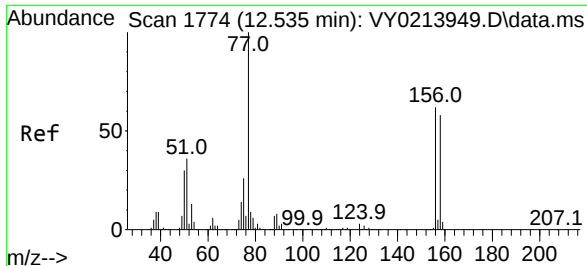
Tgt Ion: 83 Resp: 95806
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 63.2 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 86.140 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion: 75 Resp: 127603
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

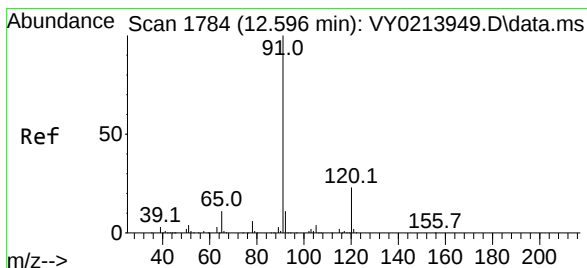
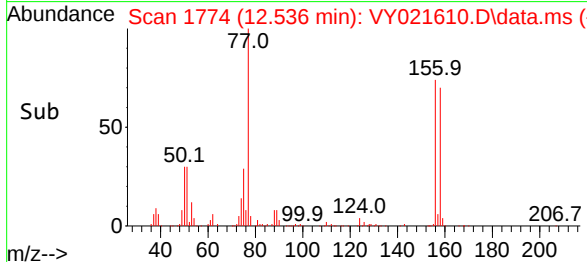
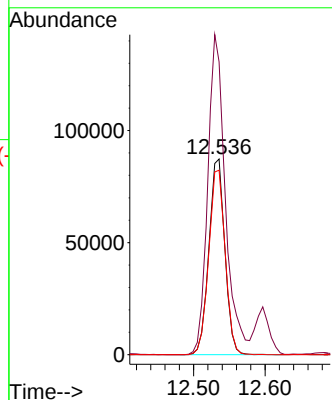
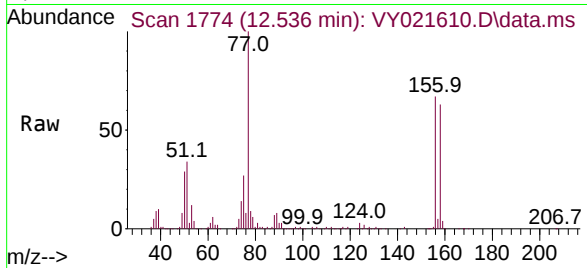




#77
Bromobenzene
Concen: 49.931 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

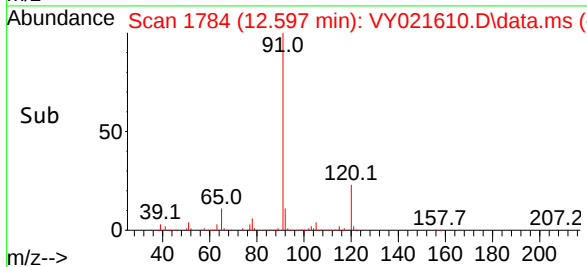
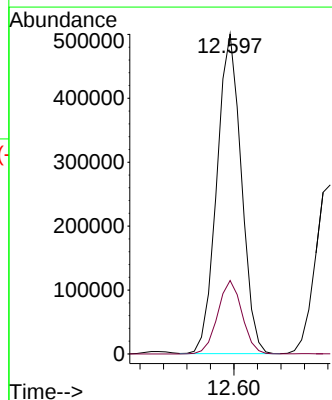
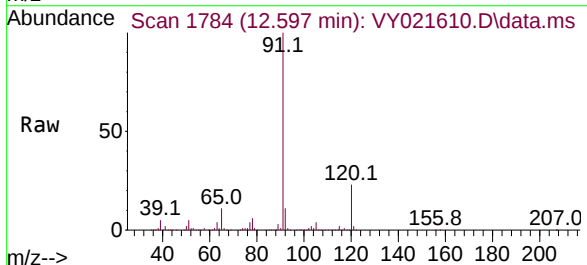
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

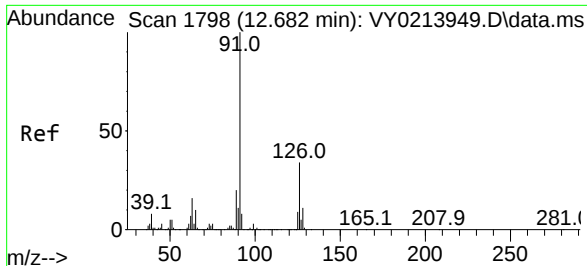
Tgt Ion:156 Resp: 135268
Ion Ratio Lower Upper
156 100
77 181.1 93.6 280.8
158 97.1 48.3 144.8



#78
n-propylbenzene
Concen: 51.505 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 91 Resp: 724338
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8

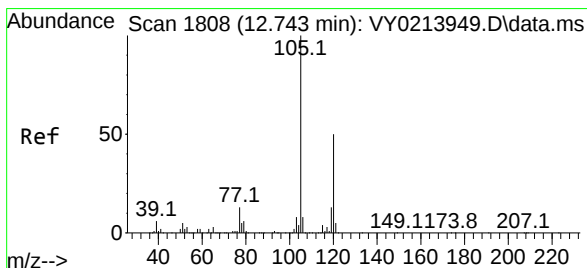
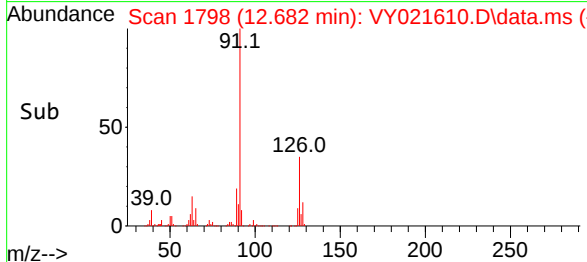
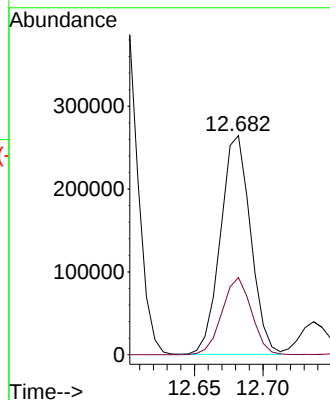
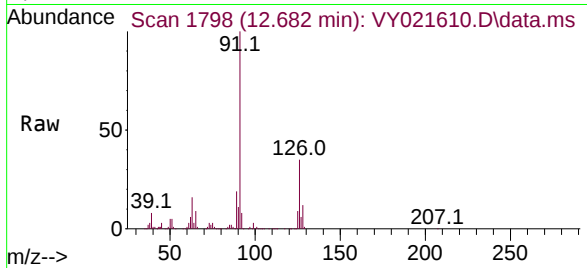




#79
2-Chlorotoluene
Concen: 50.329 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

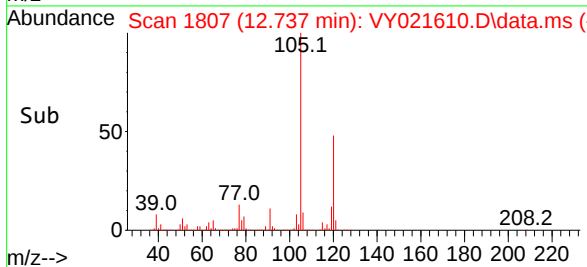
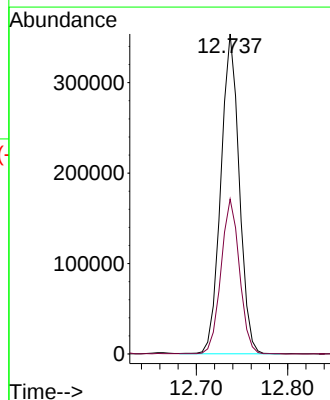
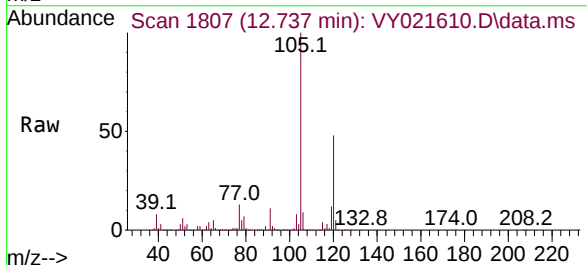
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

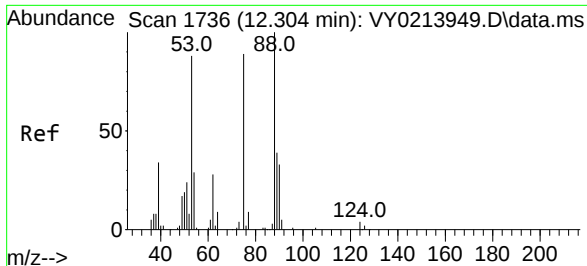
Tgt Ion: 91 Resp: 404719
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 52.526 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 105 Resp: 494299
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6

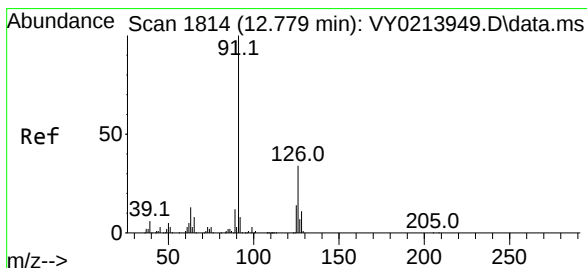
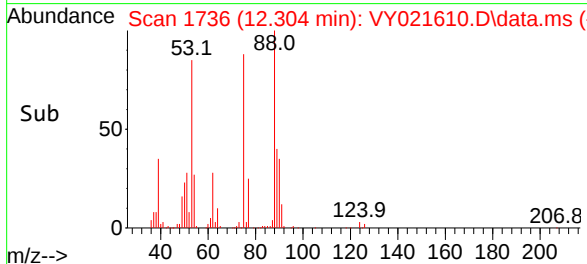
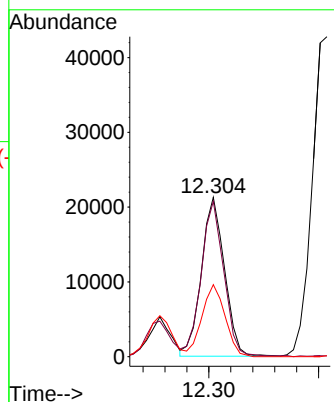
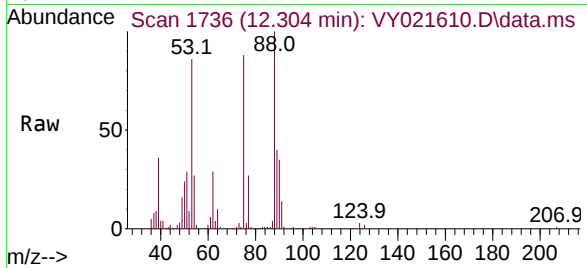




#81
trans-1,4-Dichloro-2-butene
Concen: 47.752 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

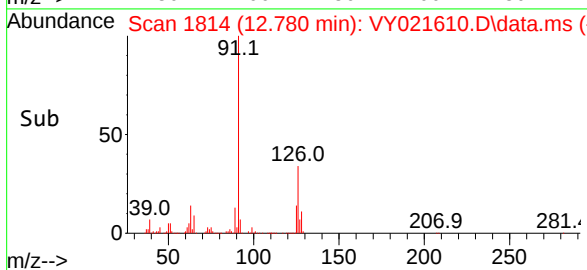
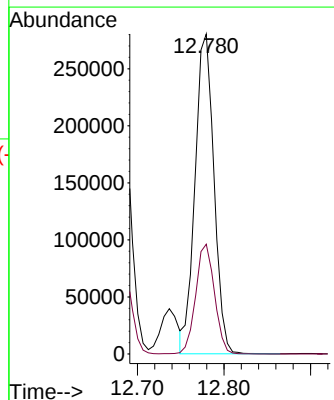
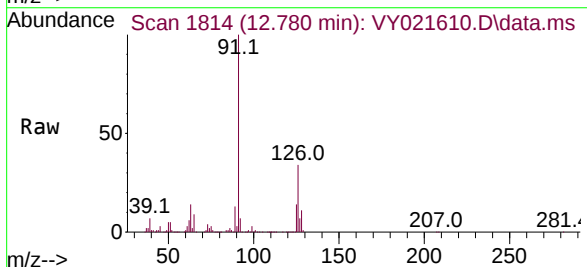
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

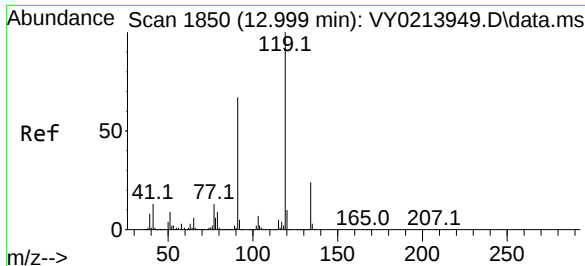
Tgt Ion: 75 Resp: 31116
Ion Ratio Lower Upper
75 100
53 96.4 81.0 121.4
89 45.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.970 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 91 Resp: 424429
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

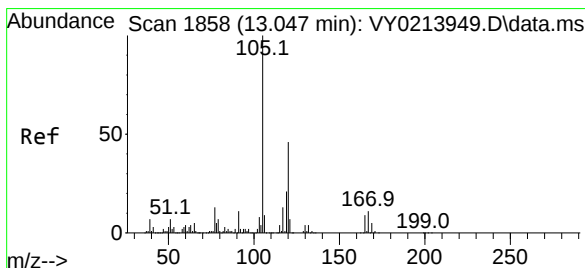
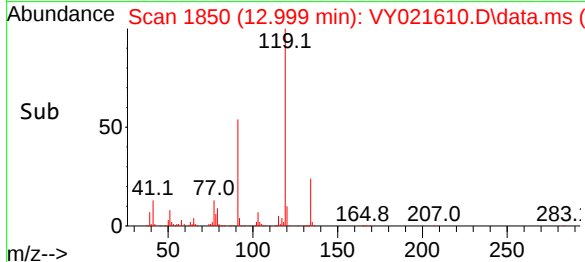
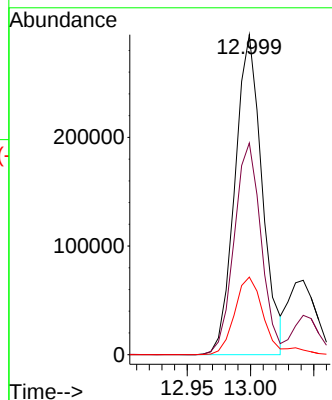
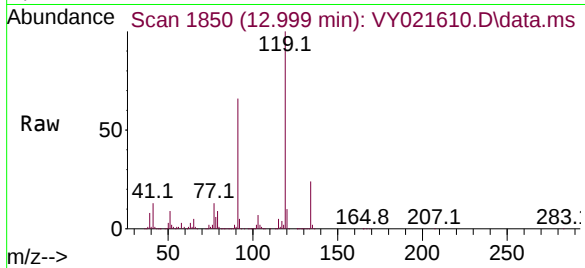




#83
 tert-Butylbenzene
 Concen: 52.558 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

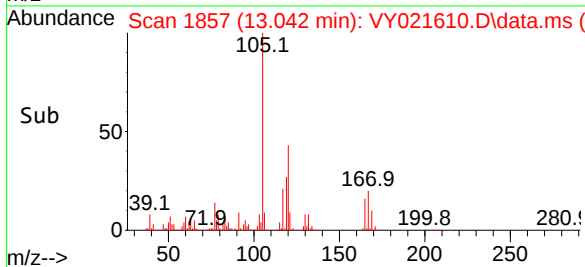
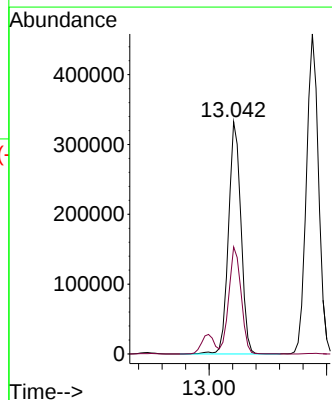
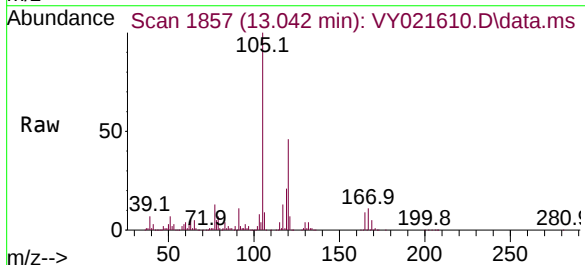
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

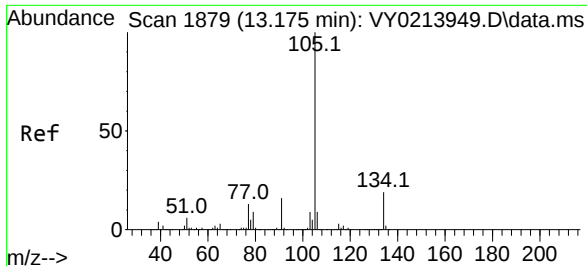
Tgt Ion:119 Resp: 441224
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.2 99.6
 134 26.4 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.357 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion:105 Resp: 489203
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

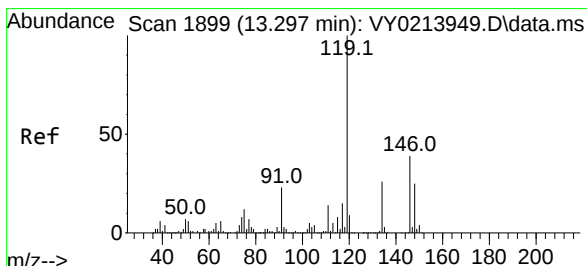
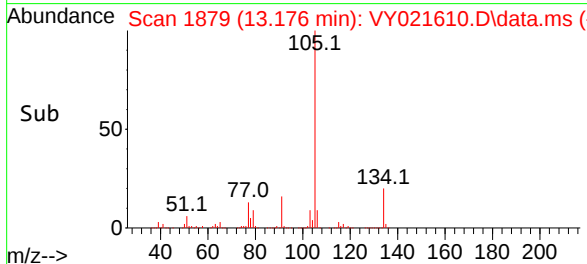
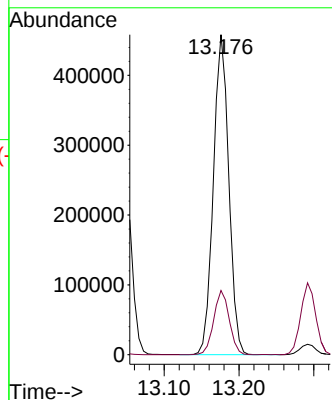
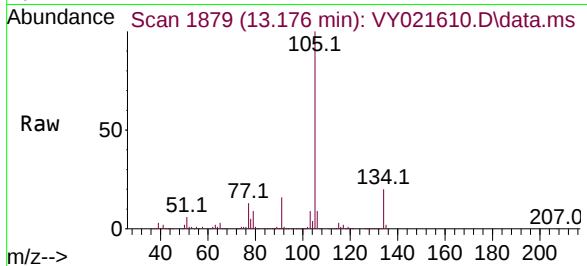




#85
 sec-Butylbenzene
 Concen: 52.520 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

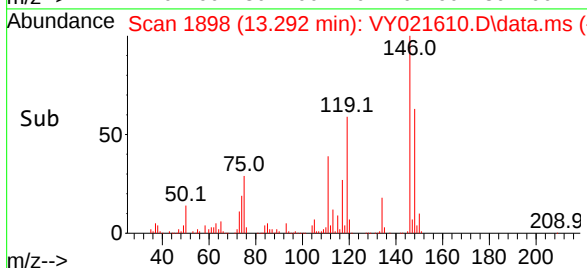
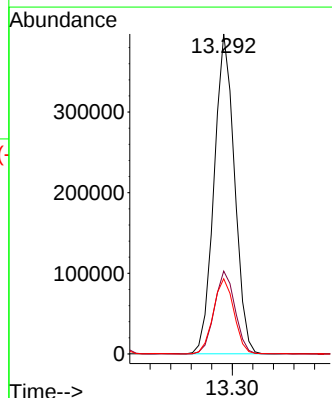
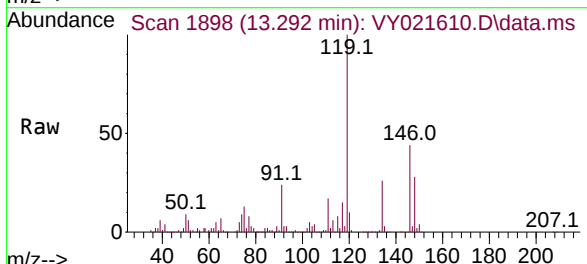
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

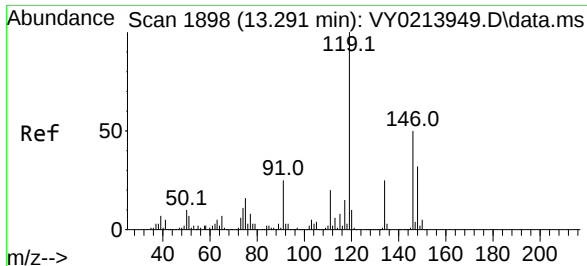
Tgt Ion:105 Resp: 656012
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 53.136 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion:119 Resp: 546789
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.8 12.2 36.6

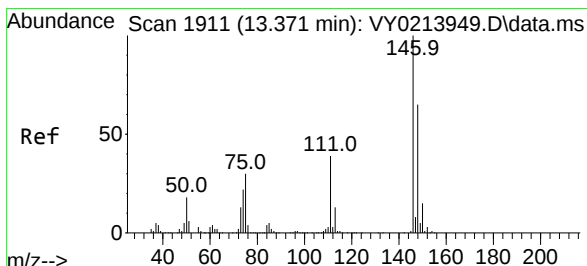
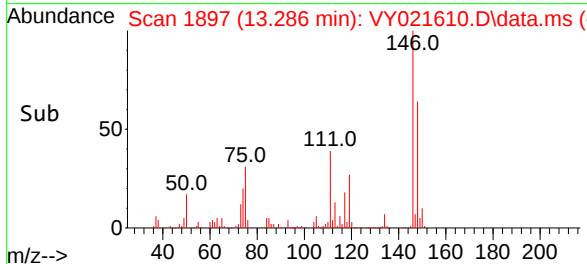
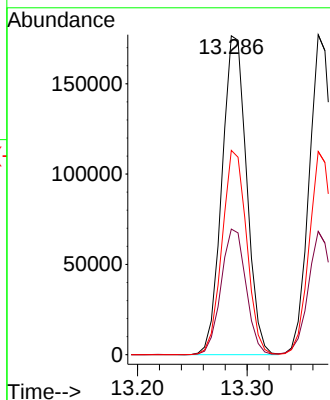
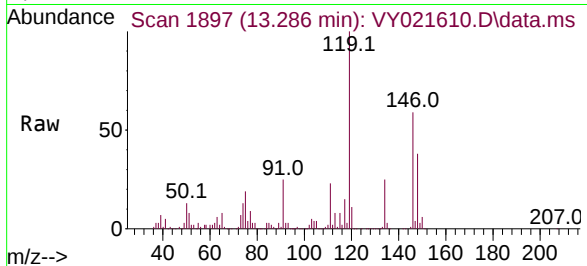




#87
 1,3-Dichlorobenzene
 Concen: 51.181 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

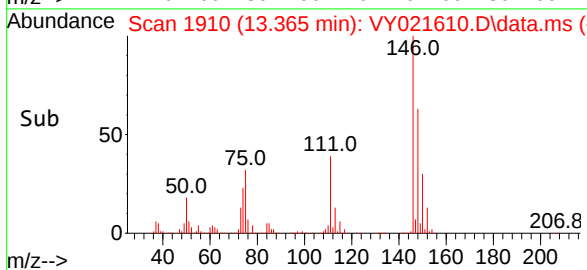
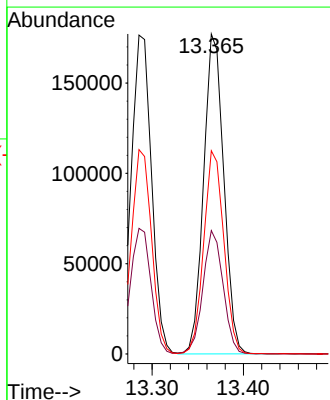
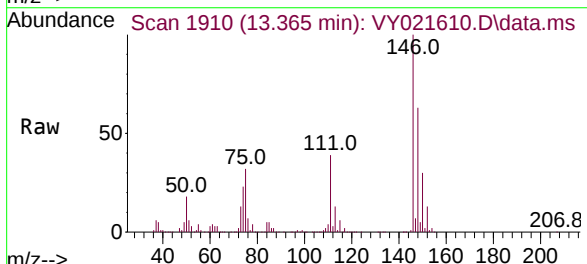
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

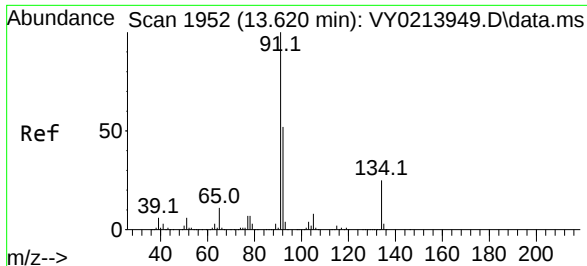
Tgt Ion:146 Resp: 275999
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.338 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion:146 Resp: 270750
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.8
 148 63.5 32.3 96.8





#89

n-Butylbenzene

Concen: 54.028 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

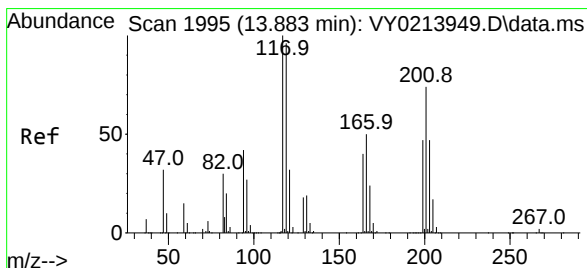
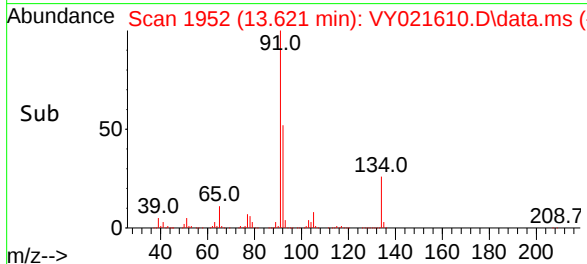
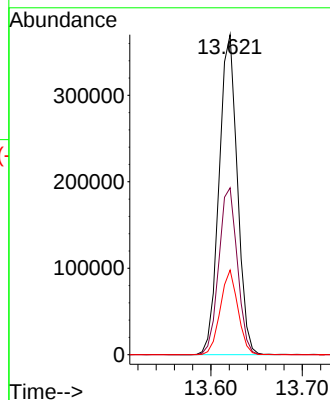
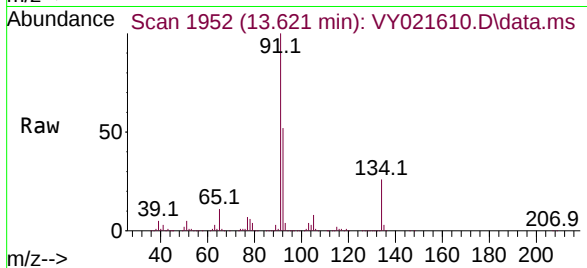
Tgt Ion: 91 Resp: 513382

Ion Ratio Lower Upper

91 100

92 53.3 26.1 78.3

134 25.6 12.6 37.8



#90

Hexachloroethane

Concen: 52.244 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021610.D

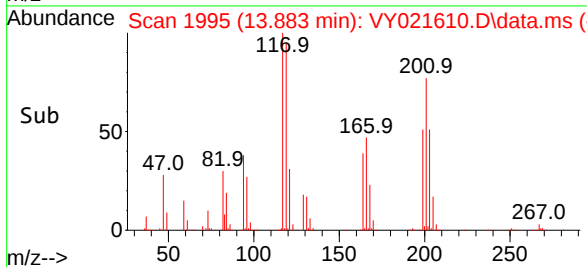
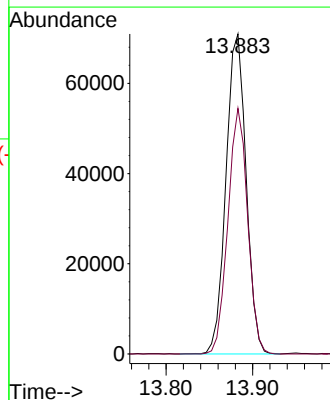
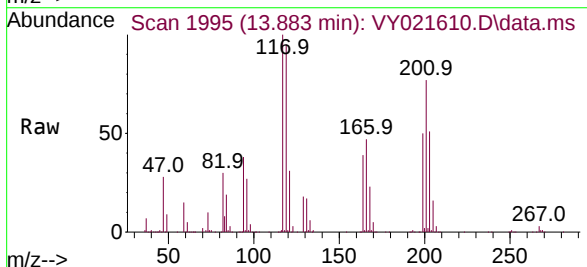
Acq: 24 Mar 2025 11:06

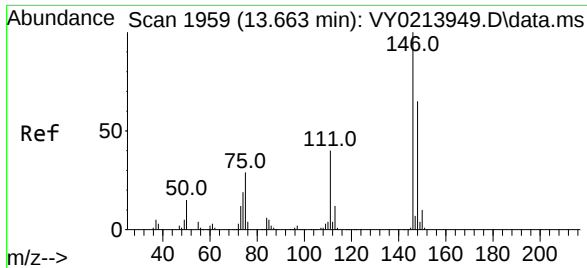
Tgt Ion: 117 Resp: 114690

Ion Ratio Lower Upper

117 100

201 75.0 37.4 112.2

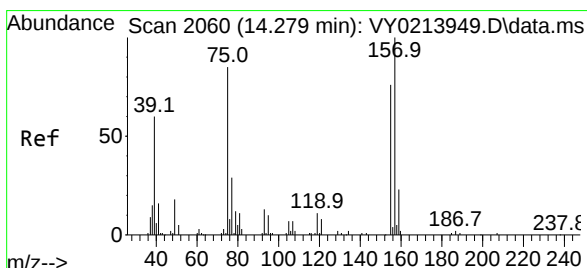
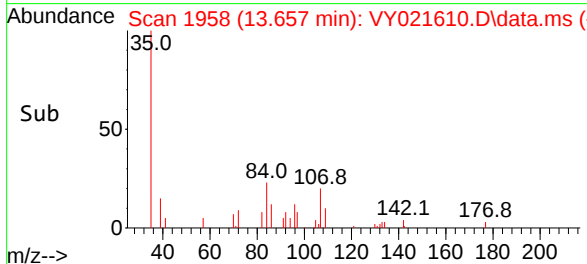
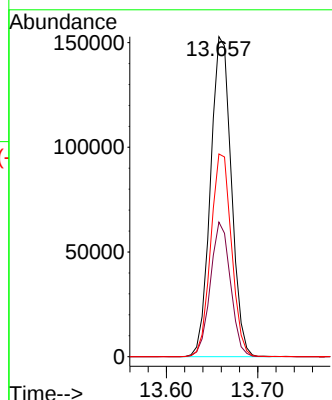
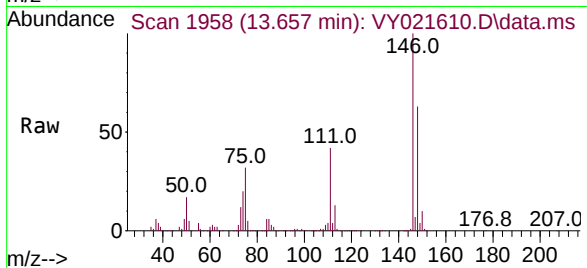




#91
 1,2-Dichlorobenzene
 Concen: 52.182 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

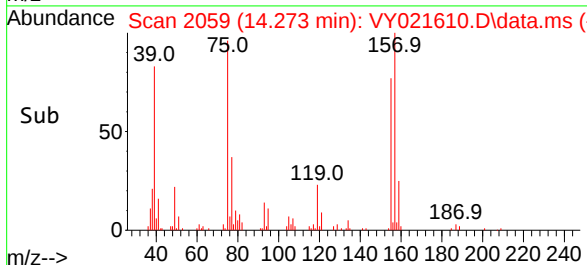
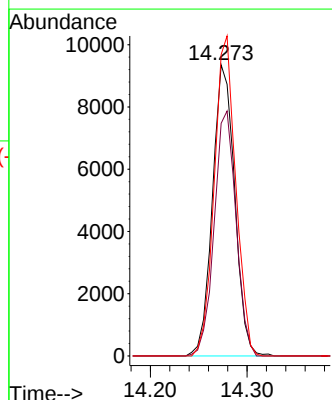
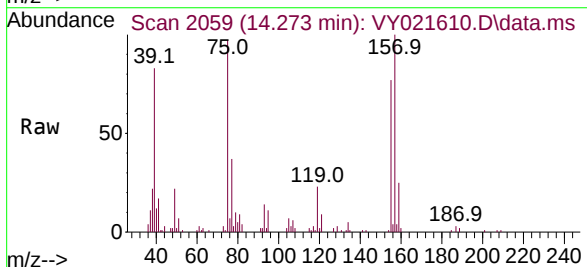
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

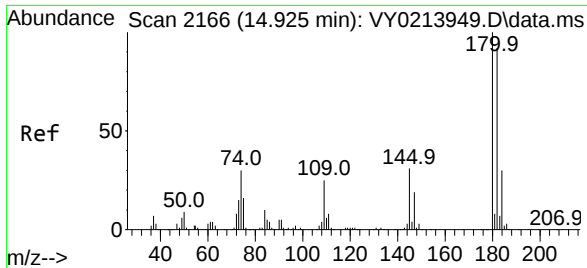
Tgt Ion:146 Resp: 241183
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.7 62.1
 148 63.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.657 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion: 75 Resp: 14894
 Ion Ratio Lower Upper
 75 100
 155 82.6 43.5 130.5
 157 106.4 54.4 163.2

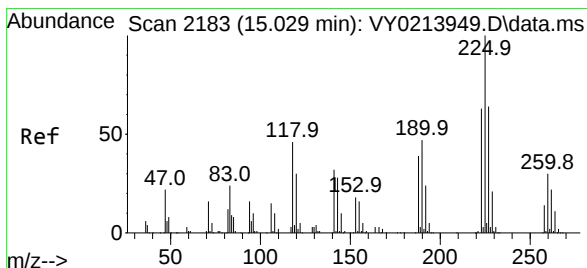
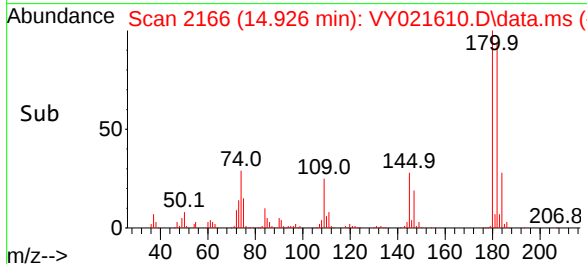
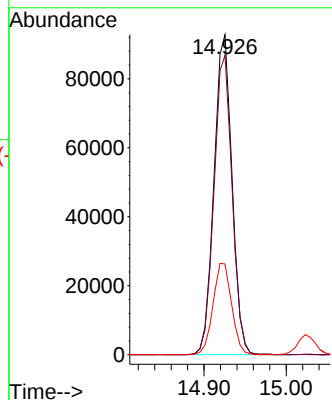
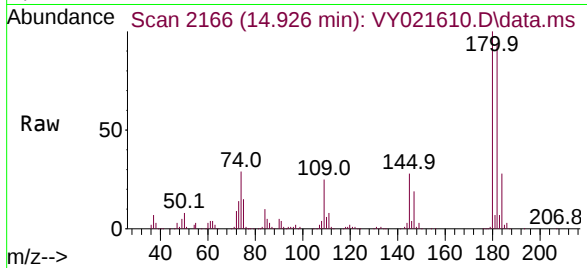




#93
 1,2,4-Trichlorobenzene
 Concen: 56.021 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

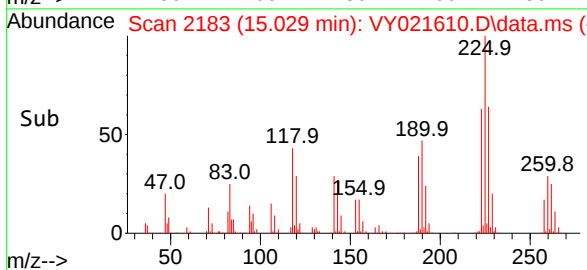
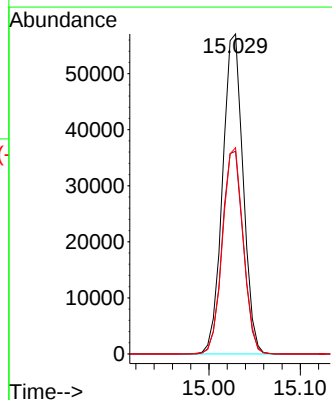
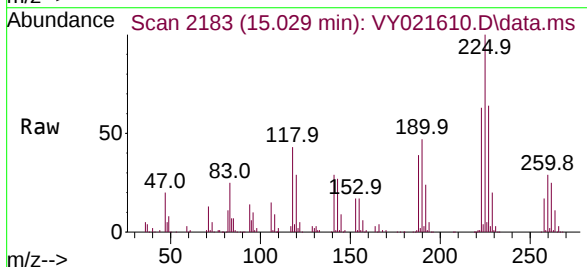
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

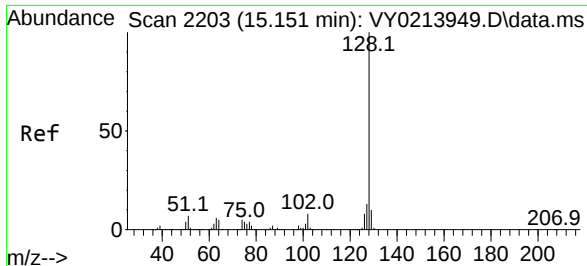
Tgt Ion:180 Resp: 141425
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.7 140.0
 145 29.5 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 56.296 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion:225 Resp: 89087
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.4 94.2
 227 65.1 31.8 95.4

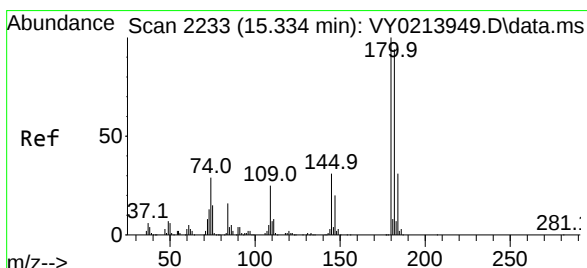
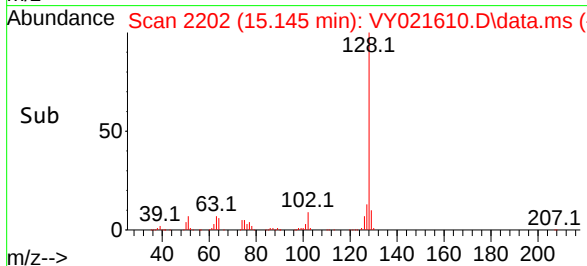
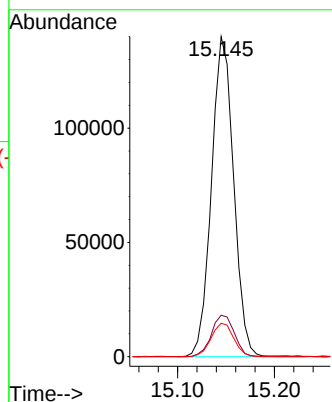
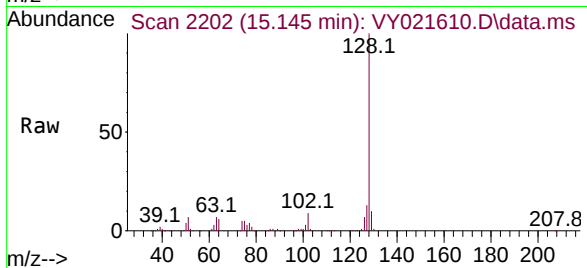




#95
Naphthalene
Concen: 51.993 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	222967
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.832 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:	180	Resp:	118545
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.2	141.6
145	31.8	16.4	49.1

