

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021514.D
 Acq On : 12 Mar 2025 17:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 13 01:38:51 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	179478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	303165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	281410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121539	64.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.140%	
35) Dibromofluoromethane	7.628	113	115073	57.746	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.500%	
50) Toluene-d8	10.103	98	418636	55.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.960%	
62) 4-Bromofluorobenzene	12.408	95	142408	55.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	69353	42.109	ug/l	96
3) Chloromethane	2.068	50	121700	52.411	ug/l	100
4) Vinyl Chloride	2.202	62	131606	51.864	ug/l	98
5) Bromomethane	2.592	94	90588	49.394	ug/l	100
6) Chloroethane	2.733	64	92622	55.233	ug/l	99
7) Trichlorofluoromethane	3.056	101	167264	47.225	ug/l	98
8) Diethyl Ether	3.452	74	55025	56.060	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	90567	44.787	ug/l	99
10) Methyl Iodide	4.007	142	119296	58.036	ug/l	100
11) Tert butyl alcohol	4.848	59	32876	268.195	ug/l	98
12) 1,1-Dichloroethene	3.787	96	87845	47.648	ug/l	97
13) Acrolein	3.671	56	212	2.197	ug/l	95
14) Allyl chloride	4.385	41	139129	46.697	ug/l	99
15) Acrylonitrile	5.061	53	120259	287.815	ug/l	99
16) Acetone	3.867	43	95326	230.397	ug/l	93
17) Carbon Disulfide	4.104	76	283040	48.987	ug/l	99
18) Methyl Acetate	4.385	43	96975	105.634	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	269996	57.780	ug/l	97
20) Methylene Chloride	4.616	84	113252	52.146	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	106617	51.638	ug/l	95
22) Diisopropyl ether	6.019	45	372657	58.038	ug/l	95
23) Vinyl Acetate	5.958	43	821330	224.136	ug/l	99
24) 1,1-Dichloroethane	5.915	63	206636	54.527	ug/l	99
25) 2-Butanone	6.896	43	149769	261.680	ug/l	99
26) 2,2-Dichloropropane	6.884	77	78992	22.654	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	128672	54.857	ug/l	93
28) Bromochloromethane	7.244	49	97105	61.121	ug/l	99
29) Tetrahydrofuran	7.262	42	104101	294.626	ug/l	100
30) Chloroform	7.421	83	223685	56.844	ug/l	98
31) Cyclohexane	7.701	56	150185	42.273	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	178807	49.626	ug/l	99
36) 1,1-Dichloropropene	7.835	75	141058	45.221	ug/l	98
37) Ethyl Acetate	6.988	43	67151	48.707	ug/l	99
38) Carbon Tetrachloride	7.817	117	160098	44.628	ug/l	98
39) Methylcyclohexane	9.109	83	153620	40.150	ug/l	100
40) Benzene	8.079	78	461466	50.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	38681	51.527	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	137119	53.342	ug/l	99
43) Isopropyl Acetate	8.195	43	136643	51.055	ug/l #	87
44) Trichloroethene	8.866	130	110823	47.728	ug/l	98
45) 1,2-Dichloropropane	9.140	63	114850	52.517	ug/l	95
46) Dibromomethane	9.231	93	64994	53.413	ug/l	99
47) Bromodichloromethane	9.420	83	172001	53.227	ug/l	99
48) Methyl methacrylate	9.219	41	66852	54.397	ug/l	97
49) 1,4-Dioxane	9.225	88	13912	1164.818	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	384062	278.121	ug/l	98
52) Toluene	10.170	92	292098	50.422	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	119761	42.066	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	143191	42.362	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	85759	53.878	ug/l	98
56) Ethyl methacrylate	10.439	69	109045	53.716	ug/l	99
57) 1,3-Dichloropropane	10.719	76	147393	53.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	276354	294.903	ug/l	99
59) 2-Hexanone	10.762	43	247066	270.580	ug/l	99
60) Dibromochloromethane	10.908	129	118109	54.125	ug/l	99
61) 1,2-Dibromoethane	11.018	107	80004	53.256	ug/l	99
64) Tetrachloroethene	10.646	164	120835	52.805	ug/l	99
65) Chlorobenzene	11.444	112	319004	48.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	117676	50.086	ug/l	99
67) Ethyl Benzene	11.518	91	548044	46.986	ug/l	99
68) m/p-Xylenes	11.627	106	418781	94.571	ug/l	99
69) o-Xylene	11.957	106	200657	49.166	ug/l	99
70) Styrene	11.969	104	347041	51.257	ug/l	99
71) Bromoform	12.133	173	67973	51.754	ug/l #	99
73) Isopropylbenzene	12.255	105	511194	46.412	ug/l	99
74) N-amyl acetate	12.072	43	104202	43.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	96180	49.485	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	68788m	48.822	ug/l	
77) Bromobenzene	12.530	156	127191	49.361	ug/l	99
78) n-propylbenzene	12.597	91	609614	45.574	ug/l	99
79) 2-Chlorotoluene	12.682	91	366563	47.926	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	427400	47.750	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	17257	27.844	ug/l	98
82) 4-Chlorotoluene	12.780	91	378329	47.767	ug/l	100
83) tert-Butylbenzene	12.999	119	366641	45.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	424942	47.816	ug/l	100
85) sec-Butylbenzene	13.176	105	530456	44.650	ug/l	99
86) p-Isopropyltoluene	13.292	119	430997	44.035	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	243711	47.515	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	238205	47.487	ug/l	99
89) n-Butylbenzene	13.621	91	390848	43.245	ug/l	100
90) Hexachloroethane	13.883	117	96451	46.193	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	219635	49.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14042	48.230	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	111506	46.438	ug/l	97
94) Hexachlorobutadiene	15.023	225	63597	42.252	ug/l	100
95) Naphthalene	15.145	128	202480	49.904	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	99410	49.225	ug/l	100

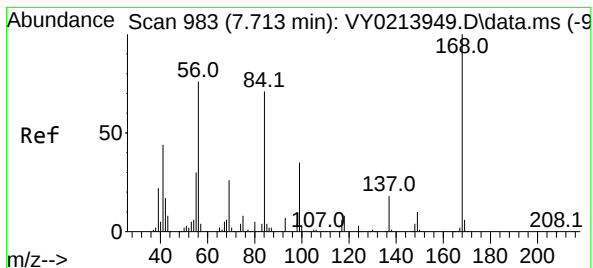
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

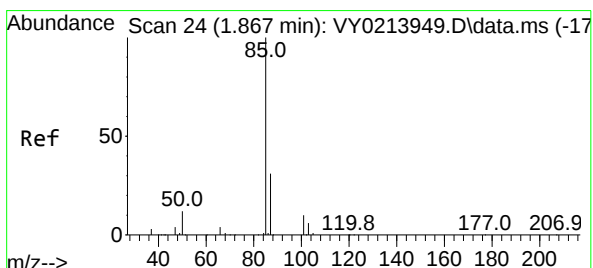
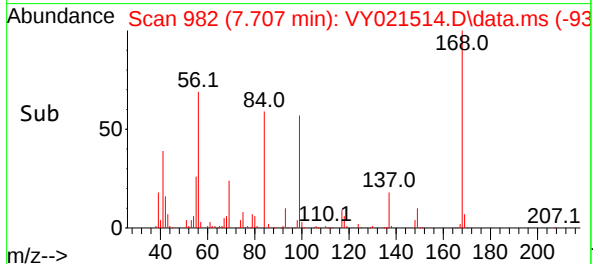
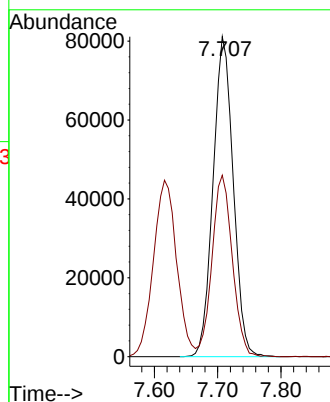
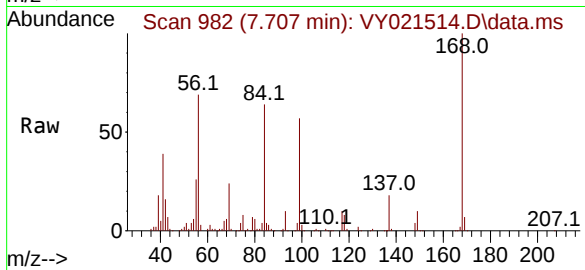
VSTDCCC050EC

Tgt Ion:168 Resp: 179478

Ion Ratio Lower Upper

168 100

99 56.7 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 42.109 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021514.D

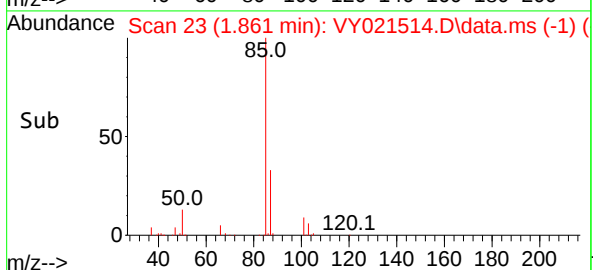
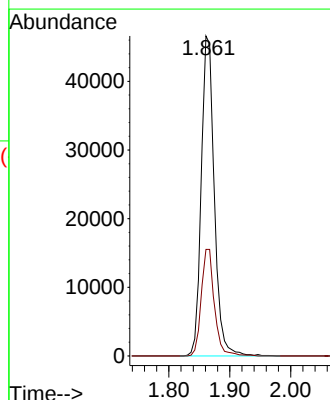
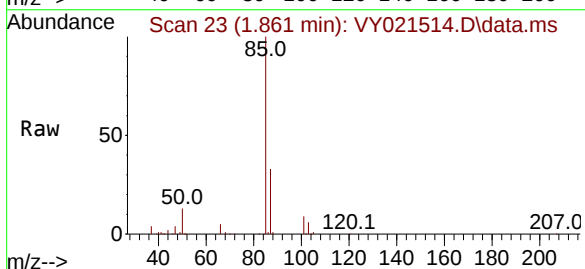
Acq: 12 Mar 2025 17:05

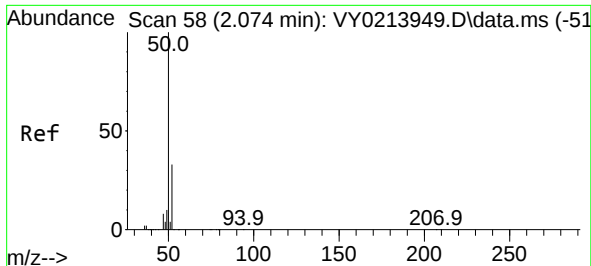
Tgt Ion: 85 Resp: 69353

Ion Ratio Lower Upper

85 100

87 33.3 15.7 47.0

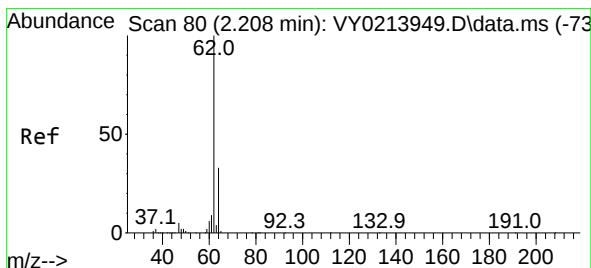
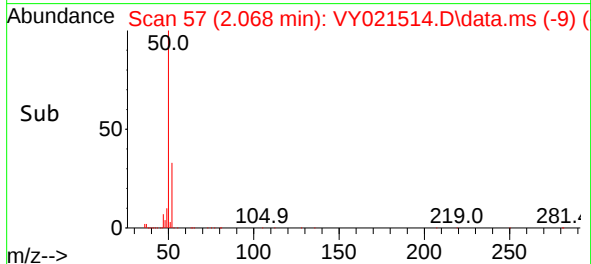
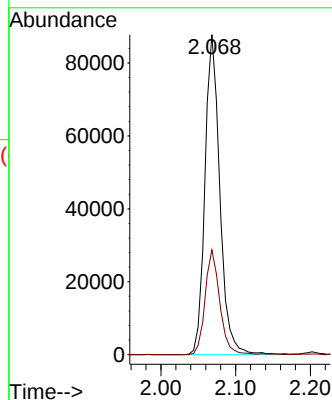
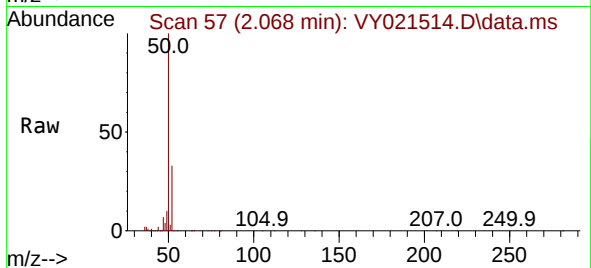




#3
Chloromethane
Concen: 52.411 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

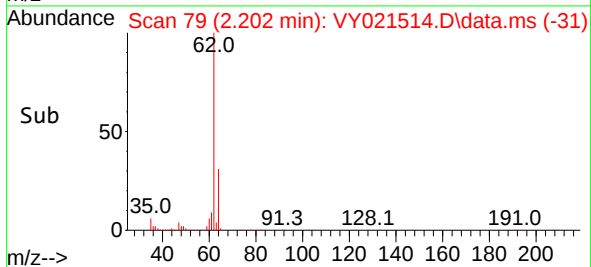
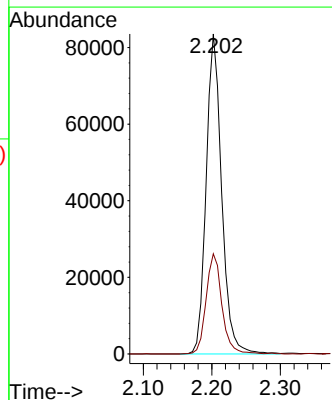
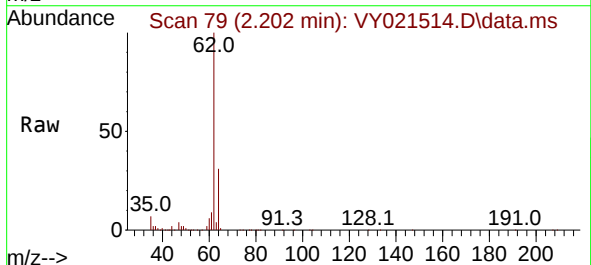
Instrument :
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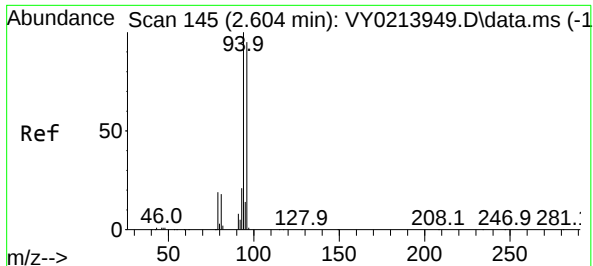
Tgt Ion: 50 Resp: 121700
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 51.864 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 62 Resp: 131606
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2

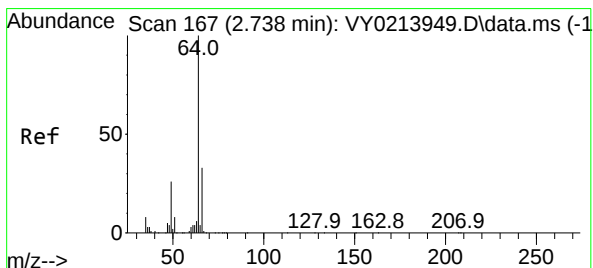
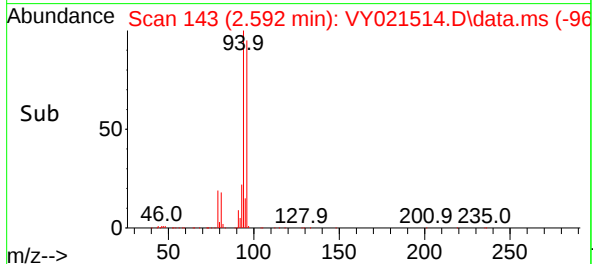
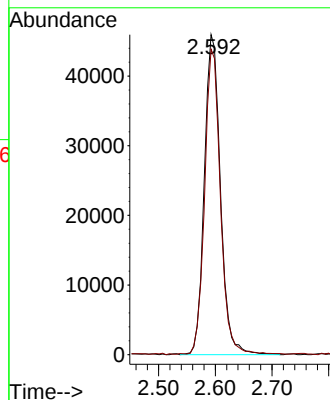
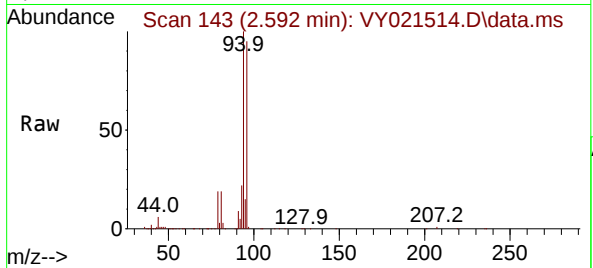




#5
Bromomethane
Concen: 49.394 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

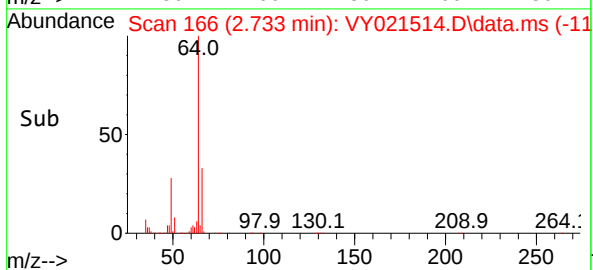
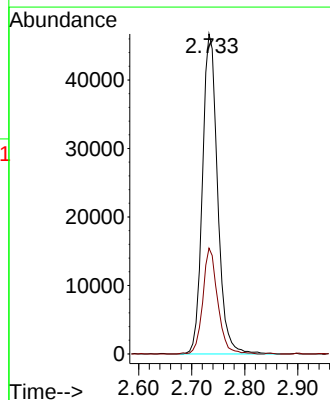
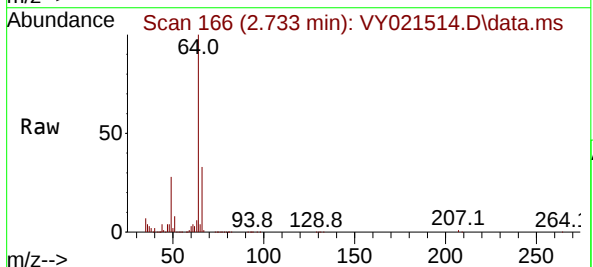
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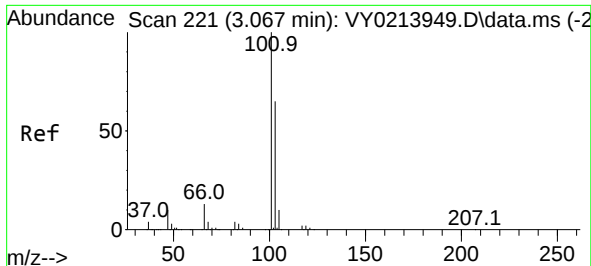
Tgt Ion: 94 Resp: 90588
Ion Ratio Lower Upper
94 100
96 95.1 76.3 114.5



#6
Chloroethane
Concen: 55.233 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 64 Resp: 92622
Ion Ratio Lower Upper
64 100
66 33.1 26.7 40.1

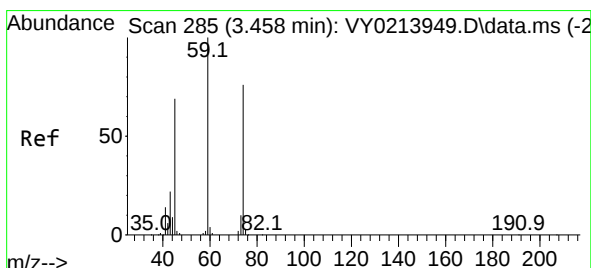
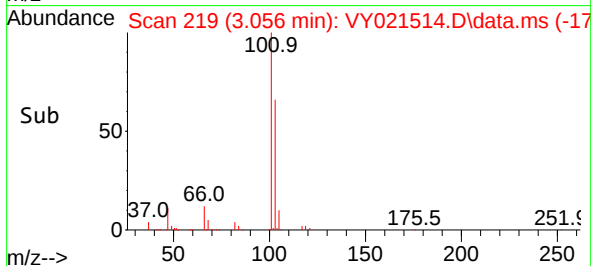
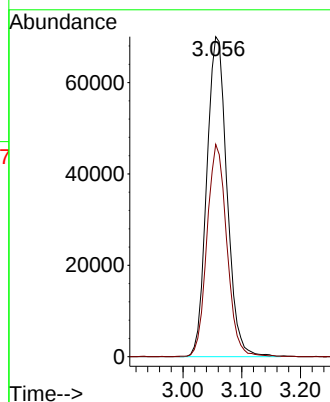
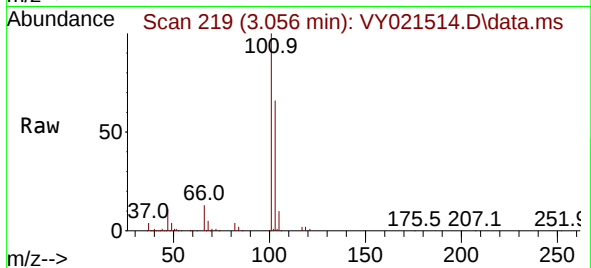




#7
Trichlorofluoromethane
Concen: 47.225 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

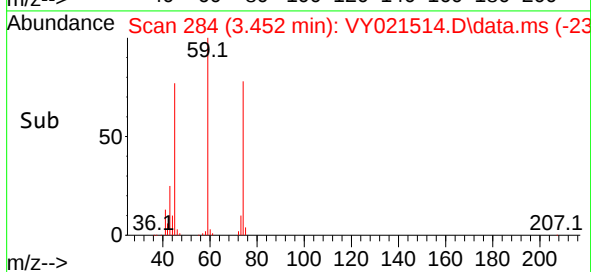
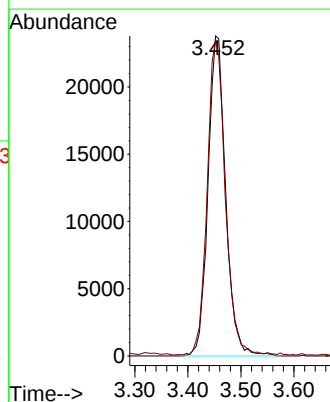
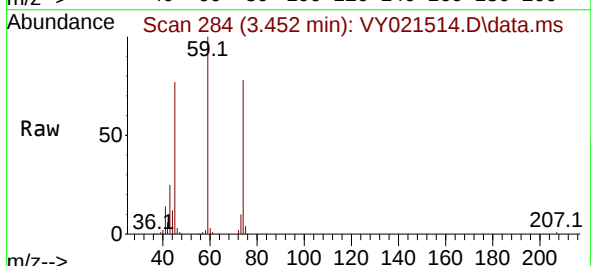
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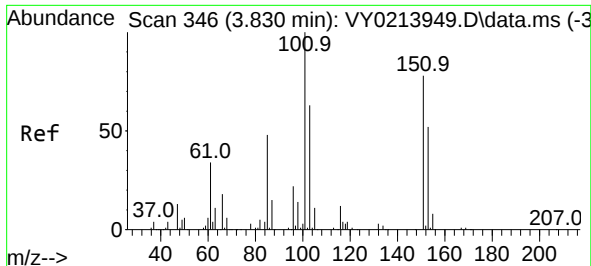
Tgt Ion:101 Resp: 167264
Ion Ratio Lower Upper
101 100
103 66.2 51.7 77.5



#8
Diethyl Ether
Concen: 56.060 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 74 Resp: 55025
Ion Ratio Lower Upper
74 100
45 99.9 49.7 149.1

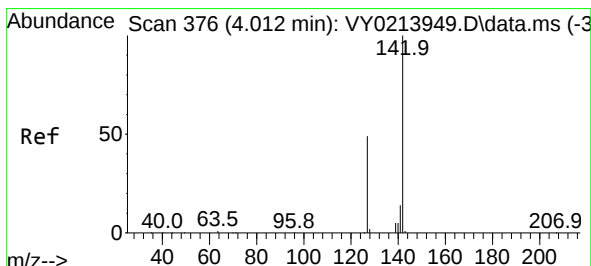
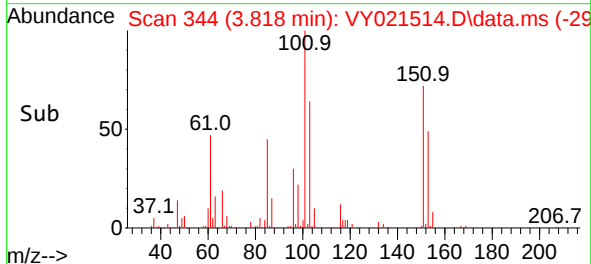
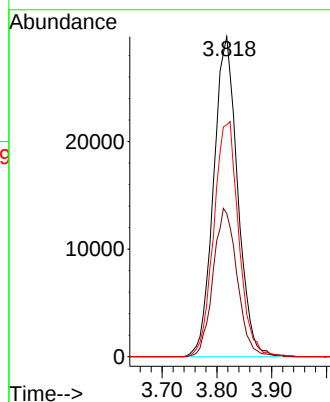
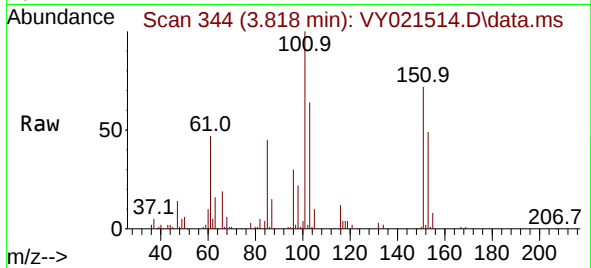




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.787 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY021514.D
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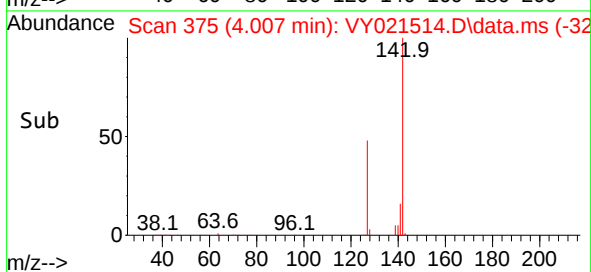
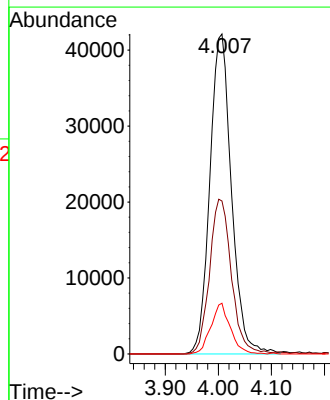
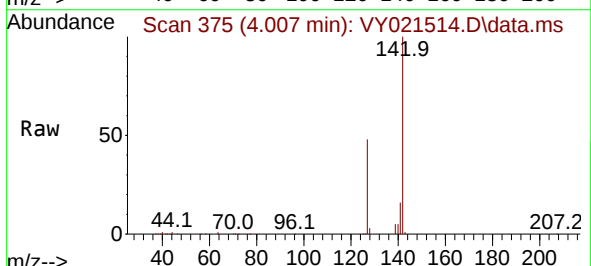
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

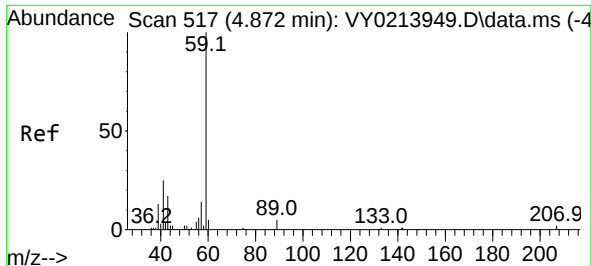
Tgt Ion:101 Resp: 90567
Ion Ratio Lower Upper
101 100
85 46.4 37.1 55.7
151 76.6 62.1 93.1



#10
Methyl Iodide
Concen: 58.036 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion:142 Resp: 119296
Ion Ratio Lower Upper
142 100
127 48.8 39.1 58.7
141 14.3 11.8 17.6

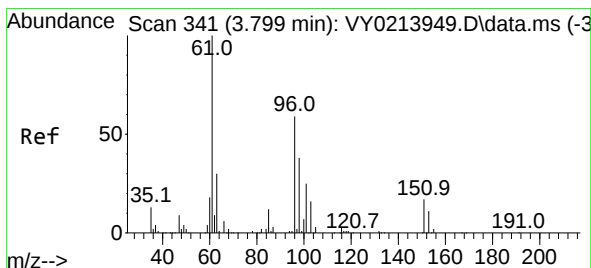
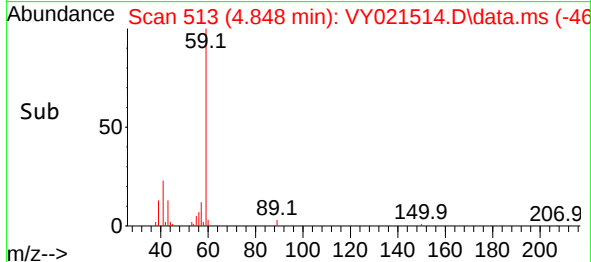
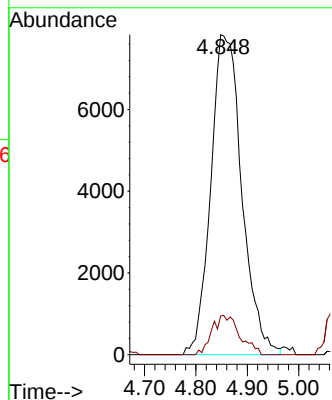
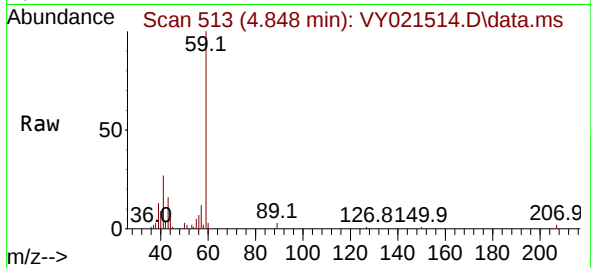




#11
Tert butyl alcohol
Concen: 268.195 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

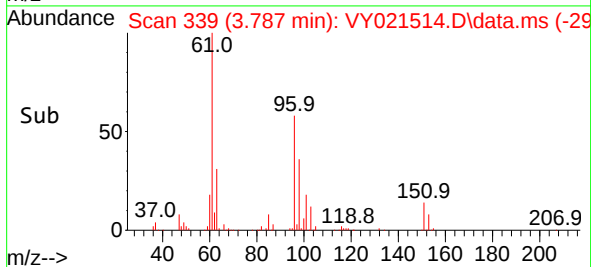
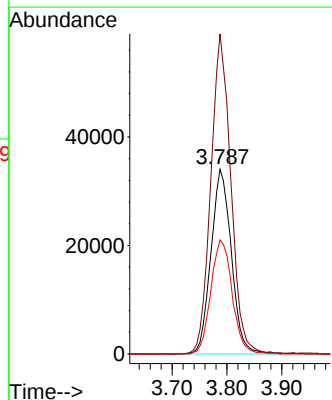
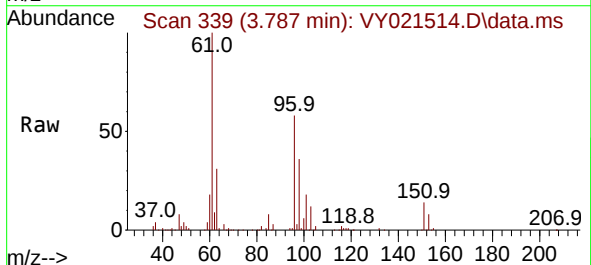
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

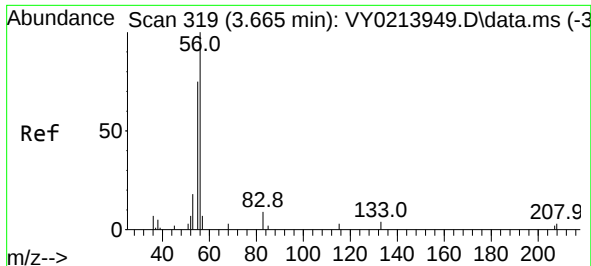
Tgt Ion: 59 Resp: 32876
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.648 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 96 Resp: 87845
Ion Ratio Lower Upper
96 100
61 173.2 135.2 202.8
98 61.8 51.4 77.2





#13

Acrolein

Concen: 2.197 ug/l

RT: 3.671 min Scan# 319

Delta R.T. 0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

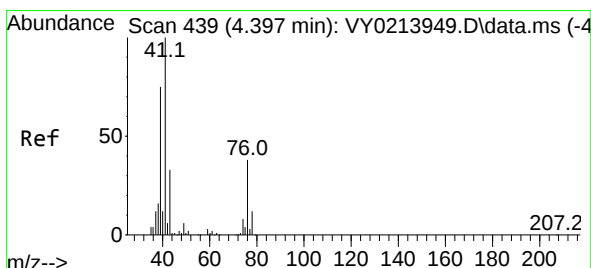
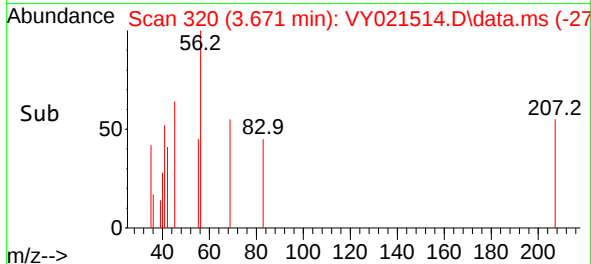
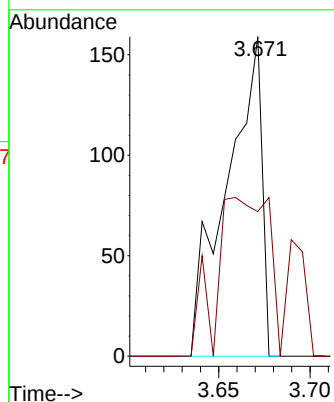
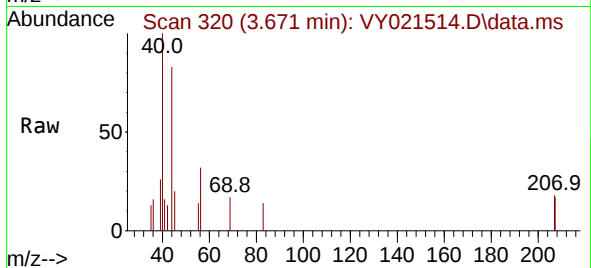
VSTDCCC050EC

Tgt Ion: 56 Resp: 212

Ion Ratio Lower Upper

56 100

55 74.5 63.4 95.2



#14

Allyl chloride

Concen: 46.697 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

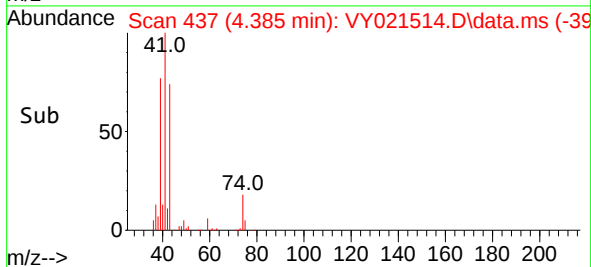
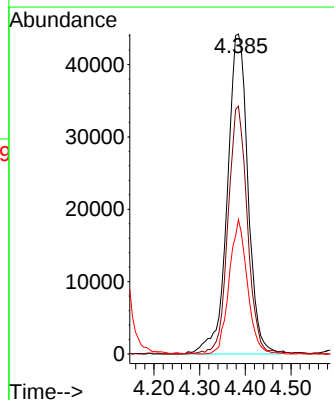
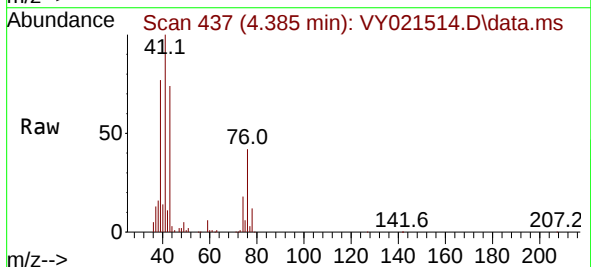
Tgt Ion: 41 Resp: 139129

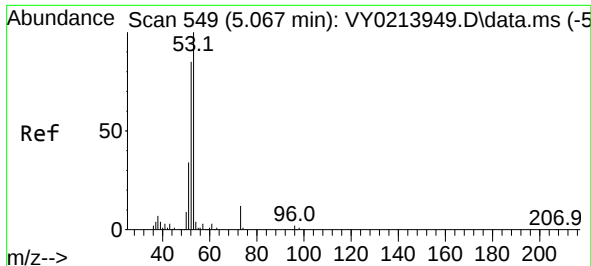
Ion Ratio Lower Upper

41 100

39 72.6 59.3 88.9

76 36.9 29.8 44.8

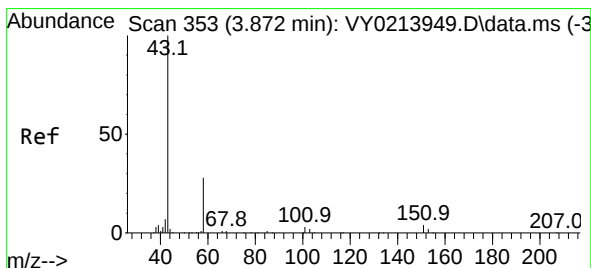
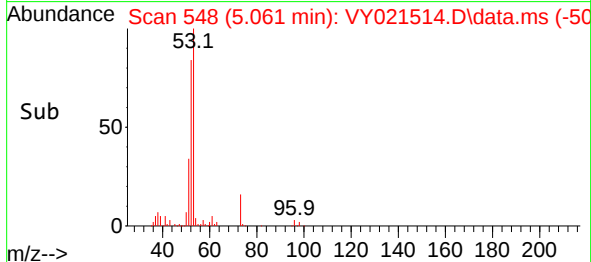
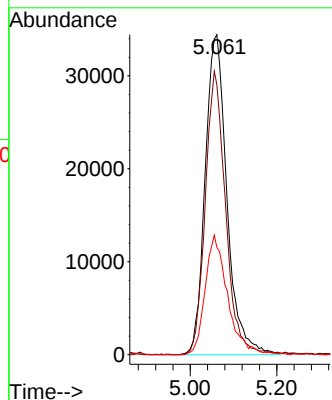
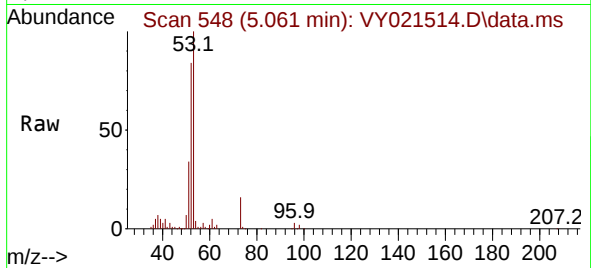




#15
Acrylonitrile
Concen: 287.815 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

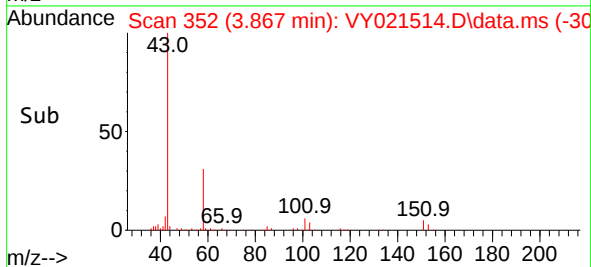
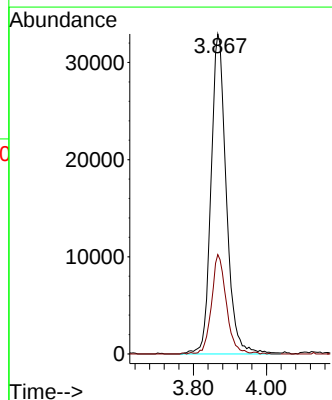
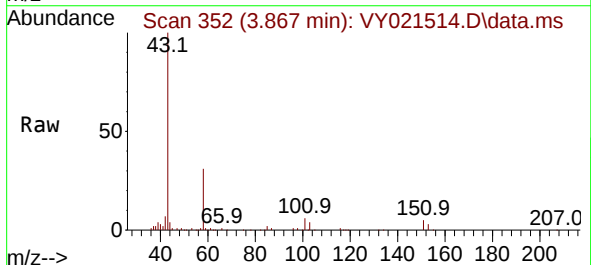
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

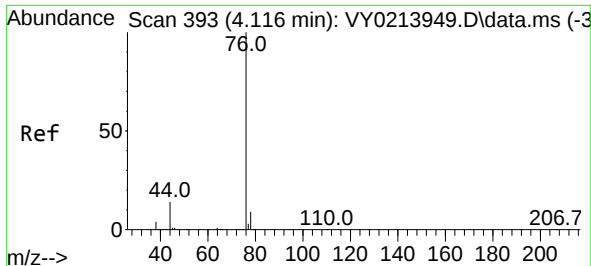
Tgt Ion: 53 Resp: 120259
Ion Ratio Lower Upper
53 100
52 82.6 66.3 99.5
51 38.6 30.3 45.5



#16
Acetone
Concen: 230.397 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 43 Resp: 95326
Ion Ratio Lower Upper
43 100
58 31.0 22.1 33.1

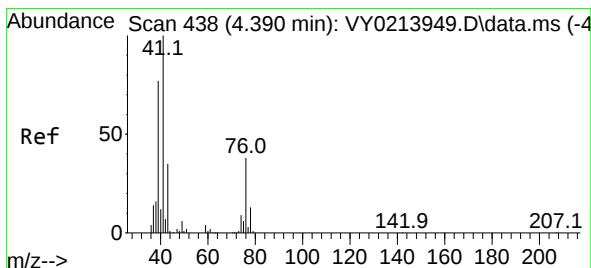
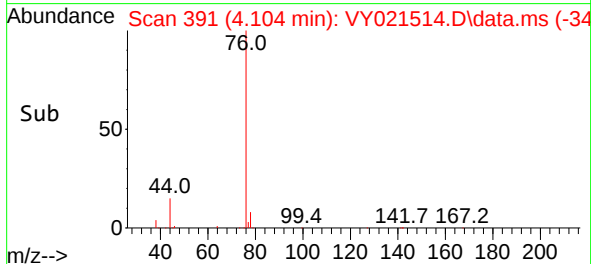
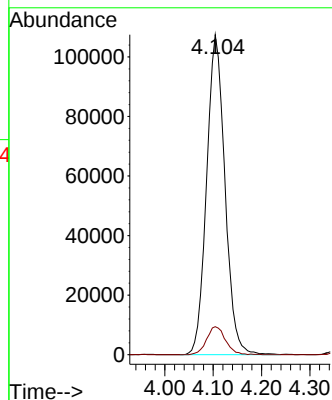
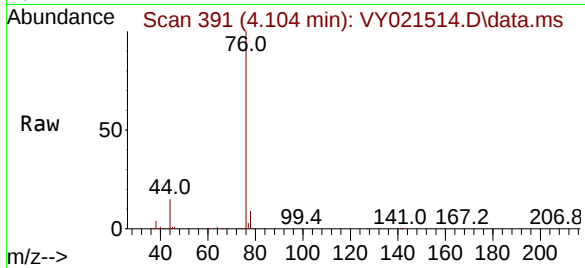




#17
Carbon Disulfide
Concen: 48.987 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

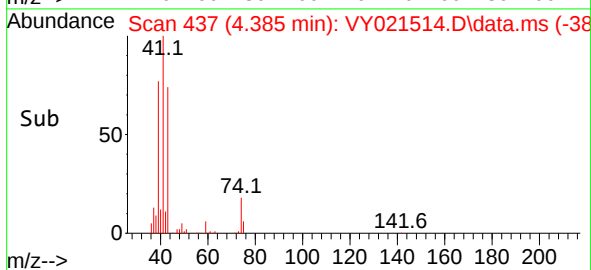
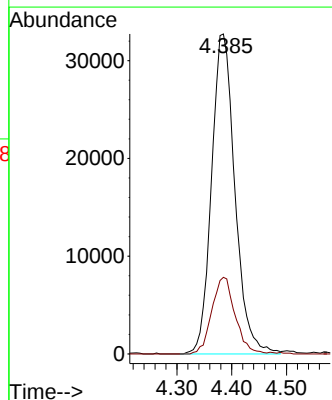
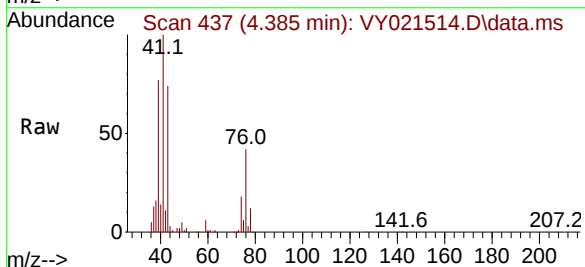
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

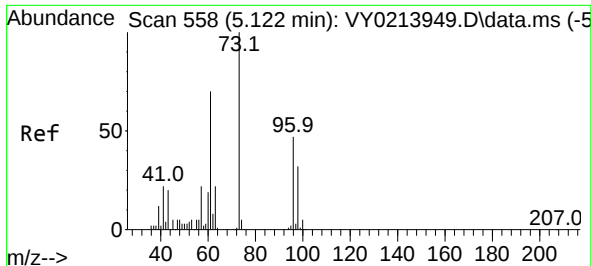
Tgt Ion: 76 Resp: 283040
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 105.634 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 43 Resp: 96975
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0

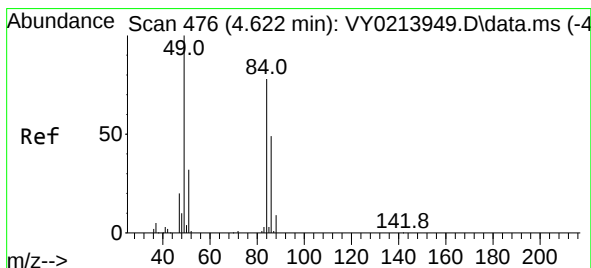
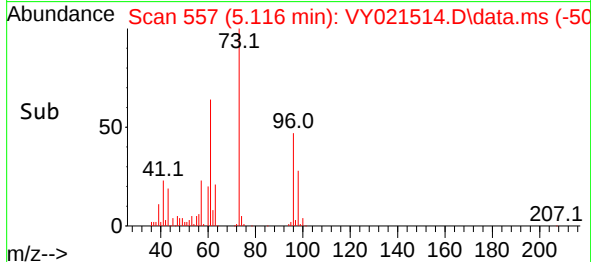
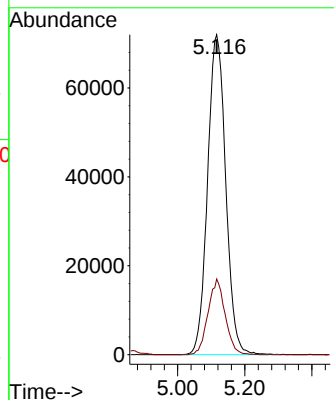
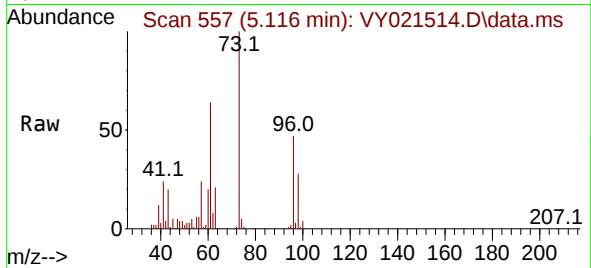




#19
Methyl tert-butyl Ether
Concen: 57.780 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

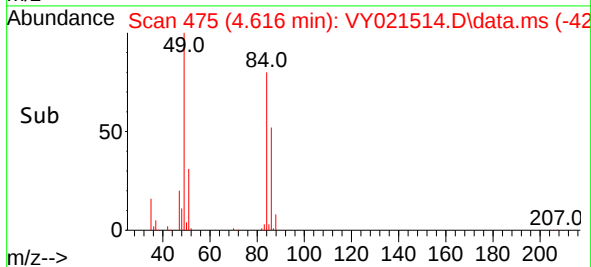
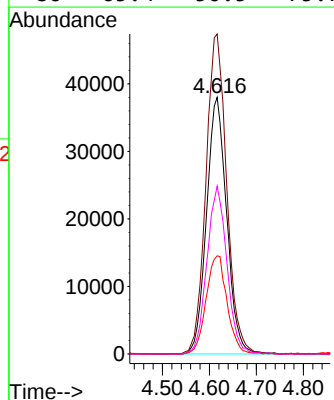
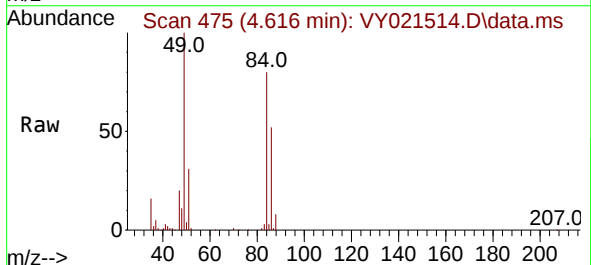
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 269996
Ion Ratio Lower Upper
73 100
57 23.6 17.9 26.9



#20
Methylene Chloride
Concen: 52.146 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 84 Resp: 113252
Ion Ratio Lower Upper
84 100
49 124.7 102.0 153.0
51 38.2 33.0 49.6
86 65.4 50.5 75.7

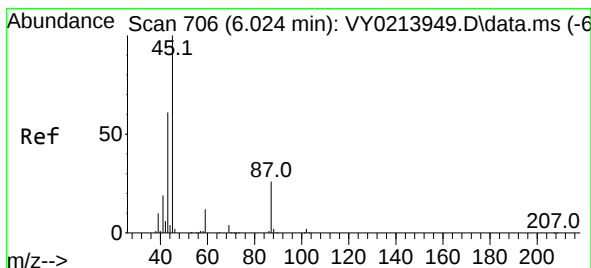
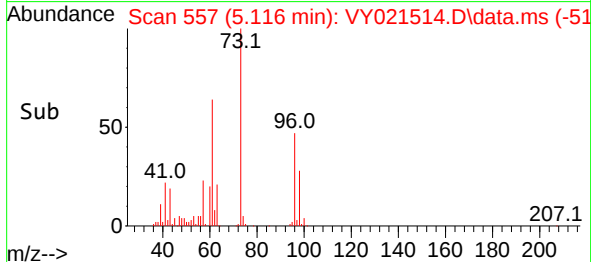
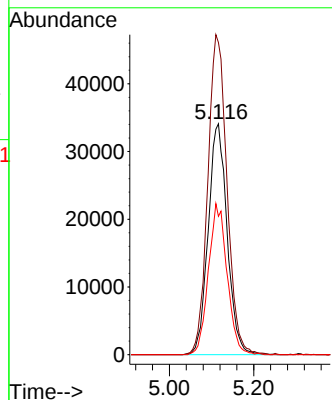
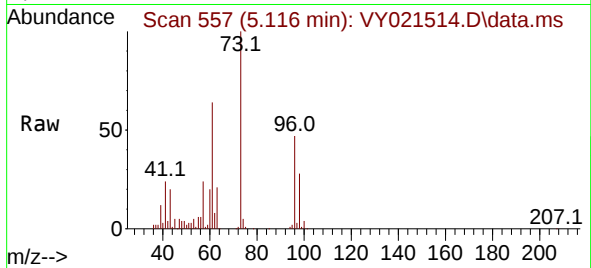




#21
trans-1,2-Dichloroethene
Concen: 51.638 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

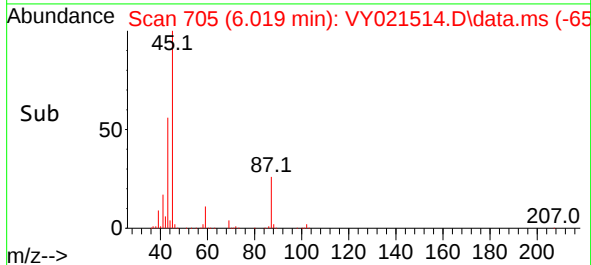
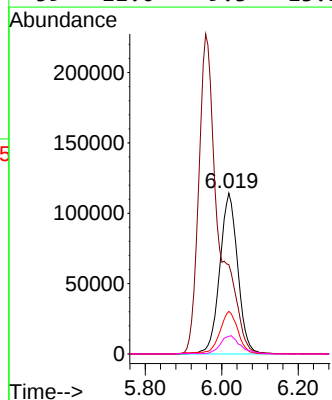
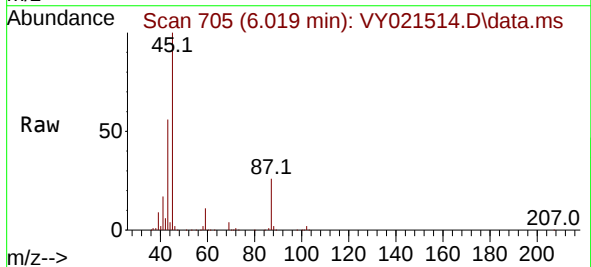
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

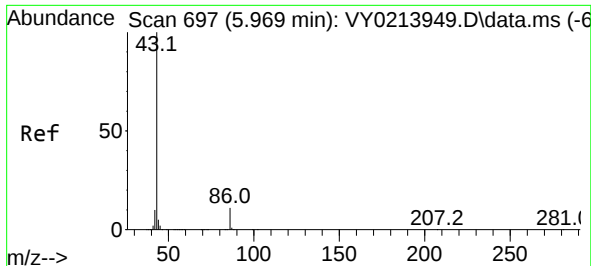
Tgt Ion: 96 Resp: 106617
Ion Ratio Lower Upper
96 100
61 135.2 111.5 167.3
98 60.0 53.8 80.8



#22
Diisopropyl ether
Concen: 58.038 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 45 Resp: 372657
Ion Ratio Lower Upper
45 100
43 55.4 48.7 73.1
87 26.4 21.5 32.3
59 11.0 9.3 13.9

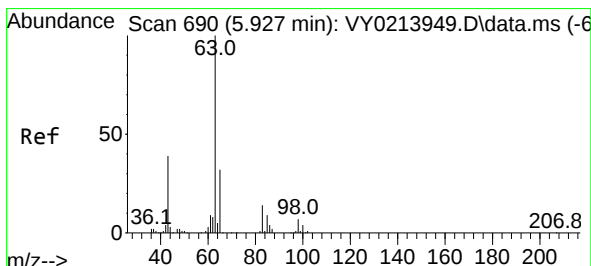
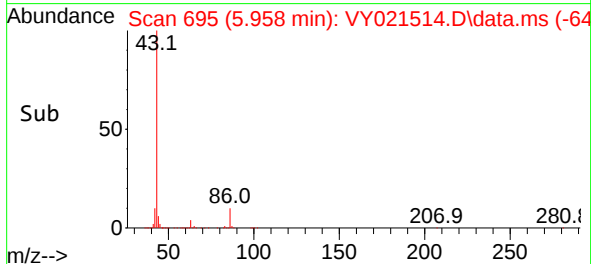
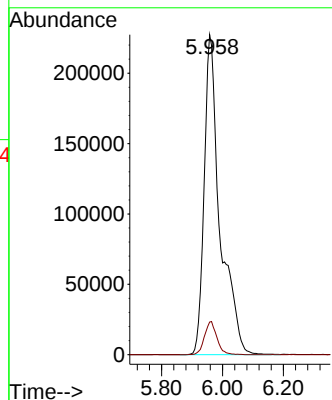
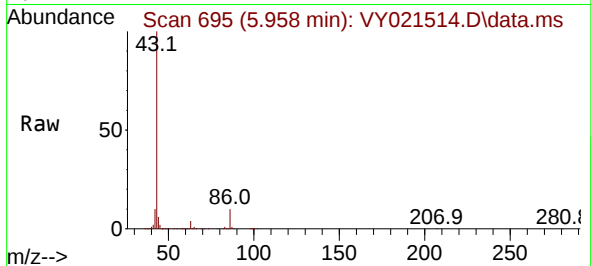




#23
 Vinyl Acetate
 Concen: 224.136 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

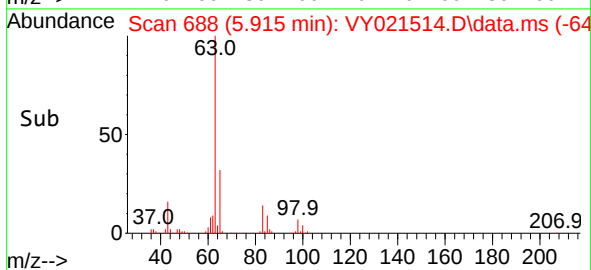
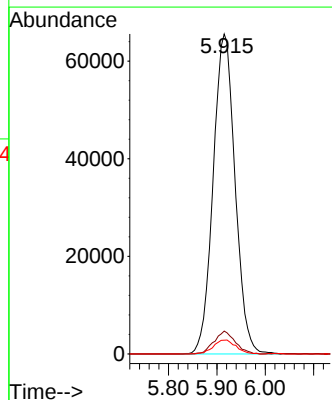
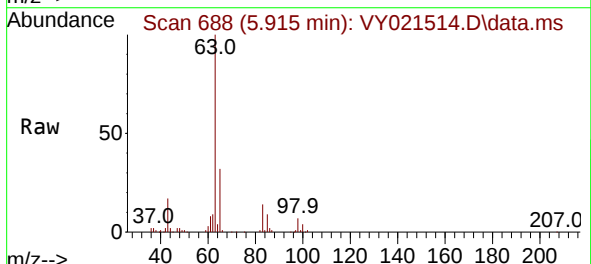
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

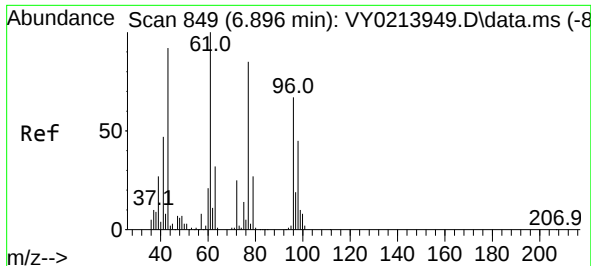
Tgt Ion: 43 Resp: 821330
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 54.527 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

Tgt Ion: 63 Resp: 206636
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 261.680 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

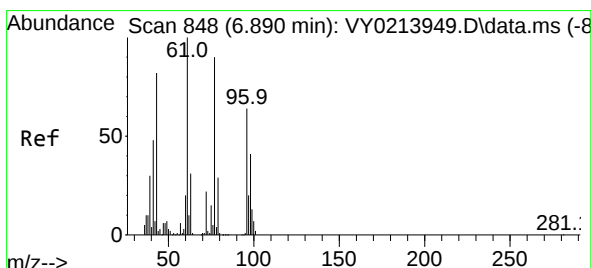
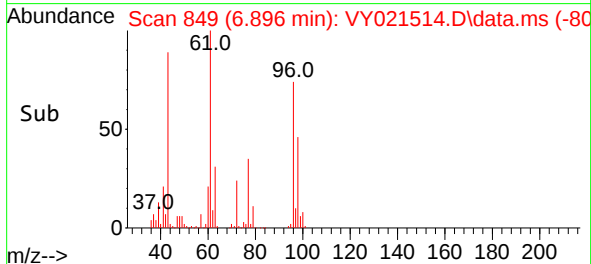
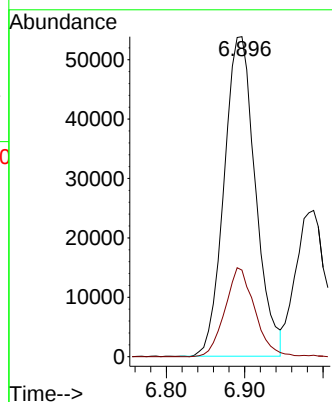
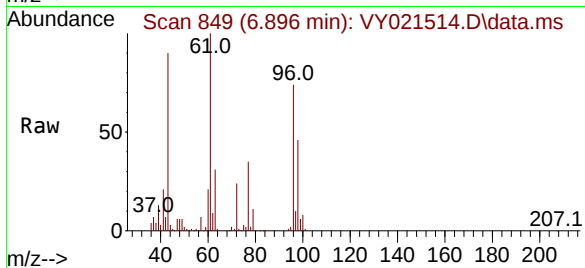
VSTDCCC050EC

Tgt Ion: 43 Resp: 149769

Ion Ratio Lower Upper

43 100

72 27.1 21.4 32.0



#26

2,2-Dichloropropane

Concen: 22.654 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021514.D

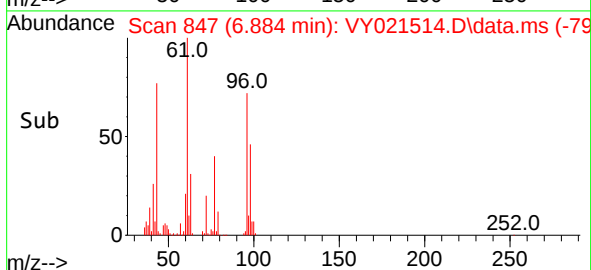
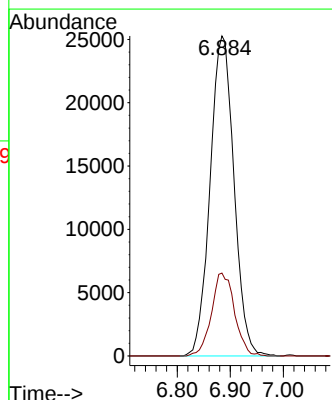
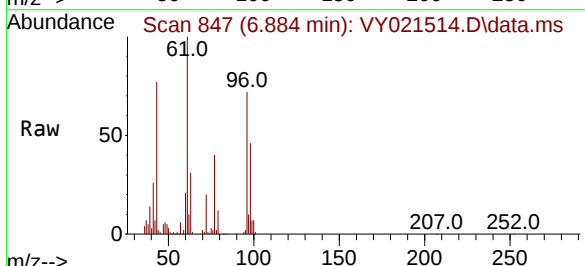
Acq: 12 Mar 2025 17:05

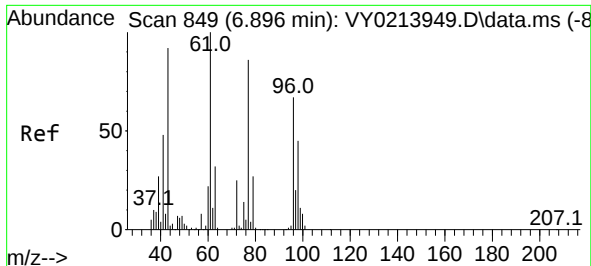
Tgt Ion: 77 Resp: 78992

Ion Ratio Lower Upper

77 100

97 25.0 11.3 33.8

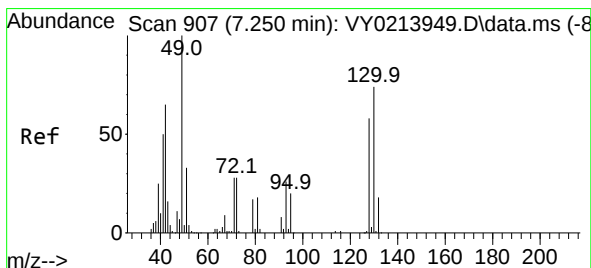
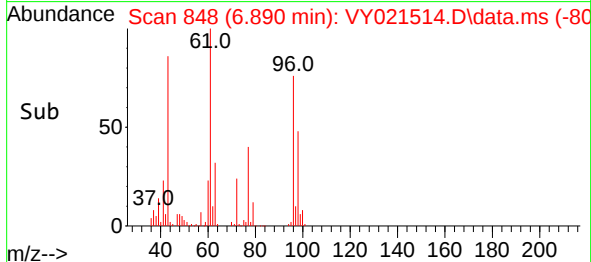
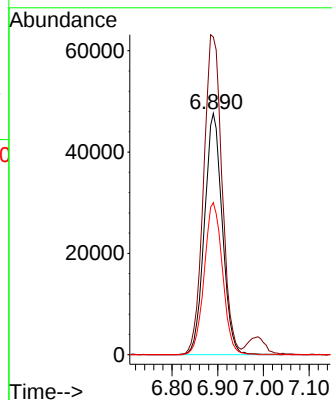
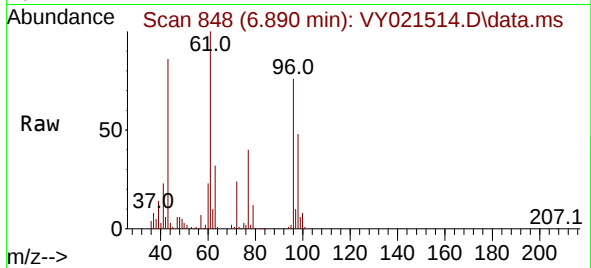




#27
 cis-1,2-Dichloroethene
 Concen: 54.857 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

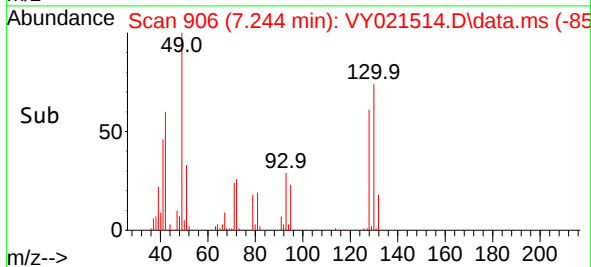
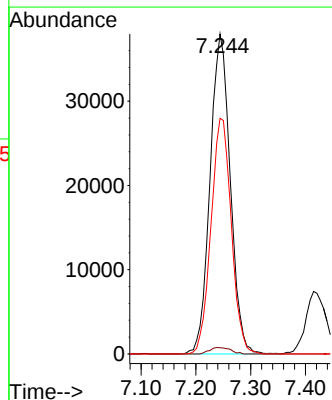
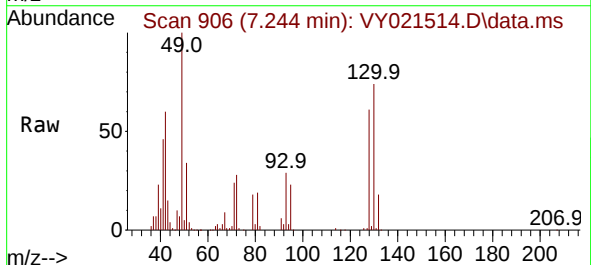
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

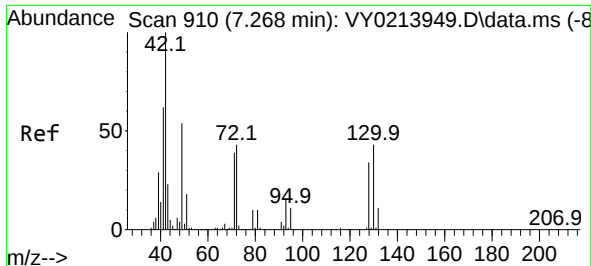
Tgt Ion: 96 Resp: 128672
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 300.8
 98 64.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 61.121 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

Tgt Ion: 49 Resp: 97105
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 73.9 59.6 89.4

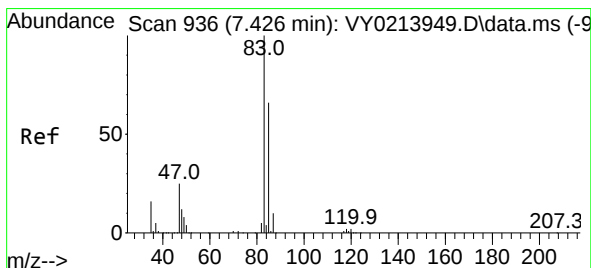
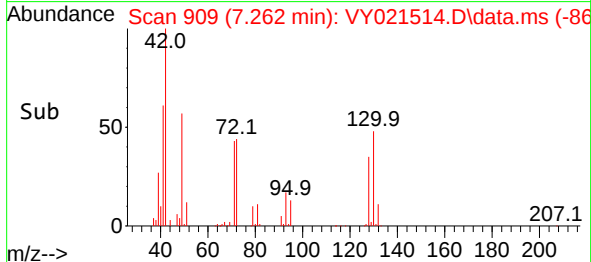
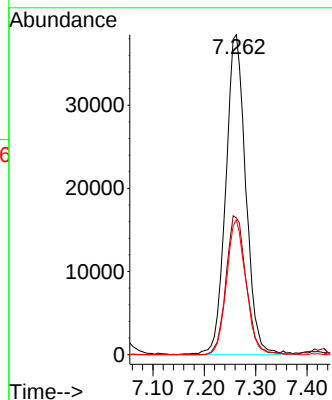
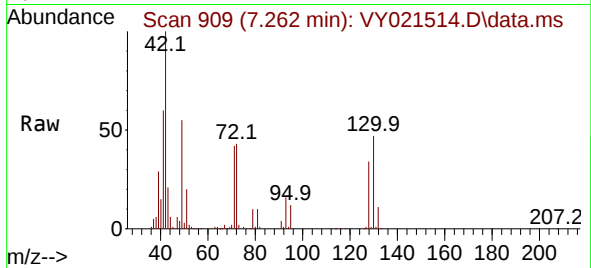




#29
Tetrahydrofuran
Concen: 294.626 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

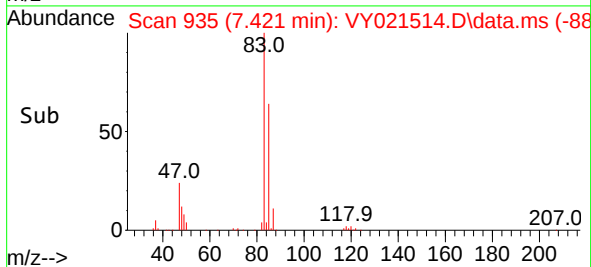
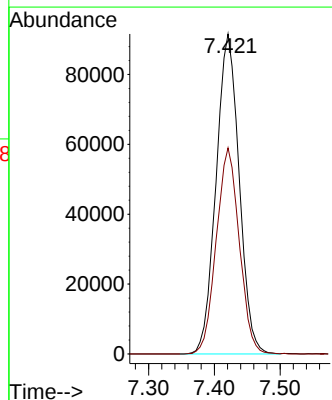
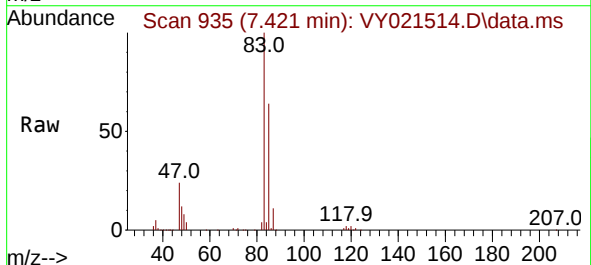
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

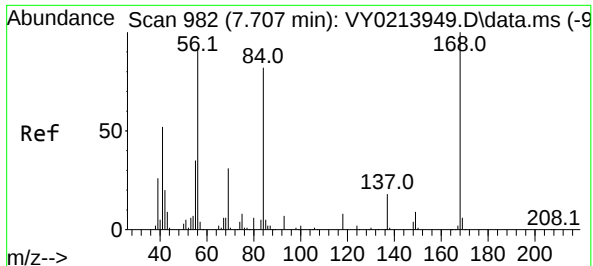
Tgt Ion: 42 Resp: 104101
Ion Ratio Lower Upper
42 100
72 43.7 34.8 52.2
71 41.0 32.6 48.8



#30
Chloroform
Concen: 56.844 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 83 Resp: 223685
Ion Ratio Lower Upper
83 100
85 64.4 53.1 79.7





#31

Cyclohexane

Concen: 42.273 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

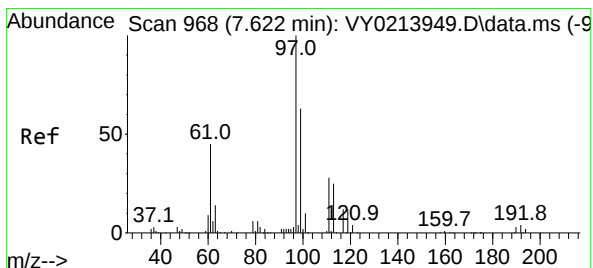
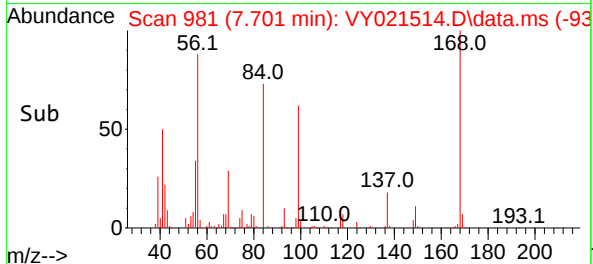
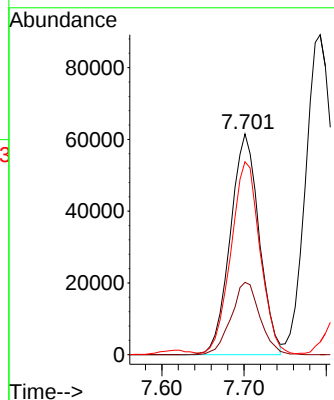
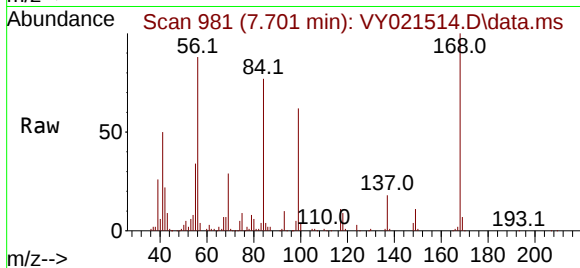
Tgt Ion: 56 Resp: 150185

Ion Ratio Lower Upper

56 100

69 32.8 27.0 40.4

84 85.4 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 49.626 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

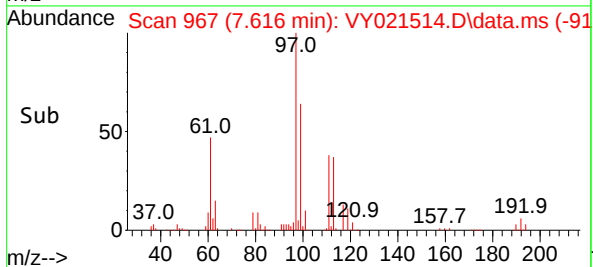
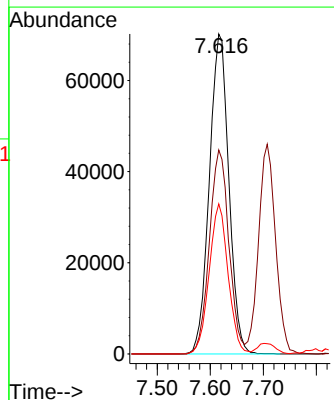
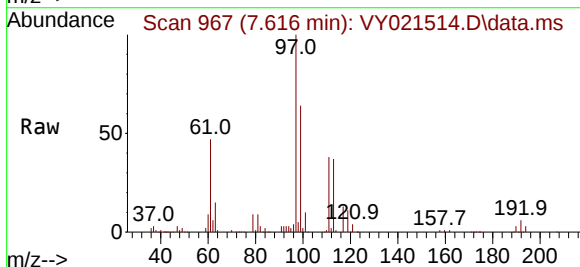
Tgt Ion: 97 Resp: 178807

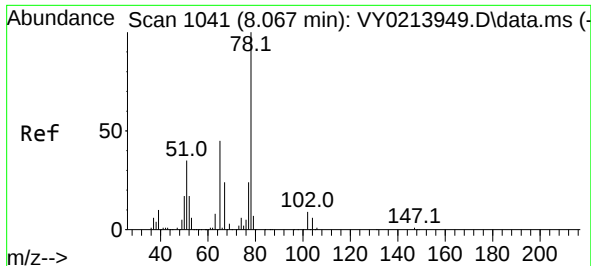
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 45.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 64.070 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

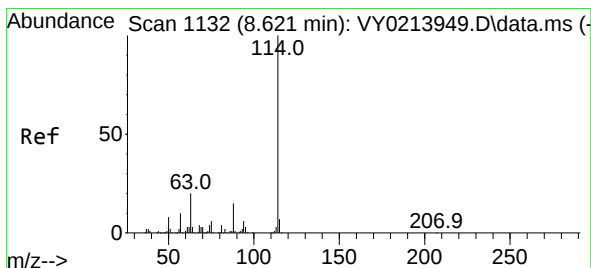
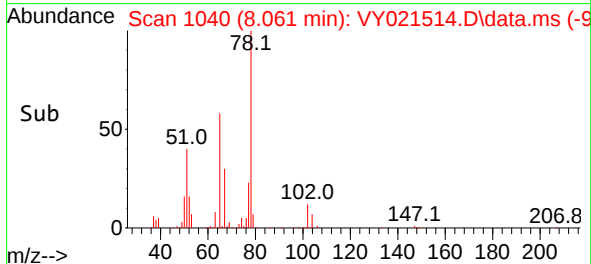
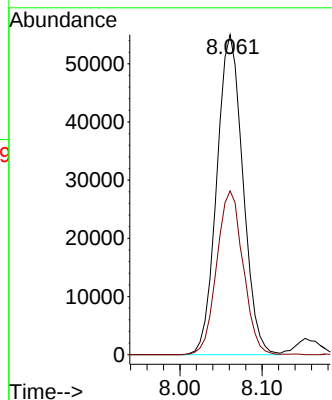
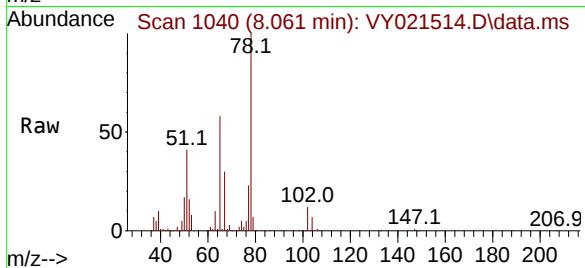
VSTDCCC050EC

Tgt Ion: 65 Resp: 121539

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021514.D

Acq: 12 Mar 2025 17:05

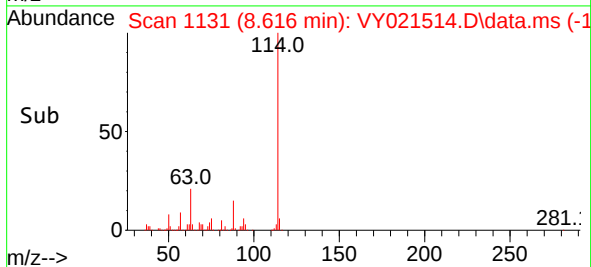
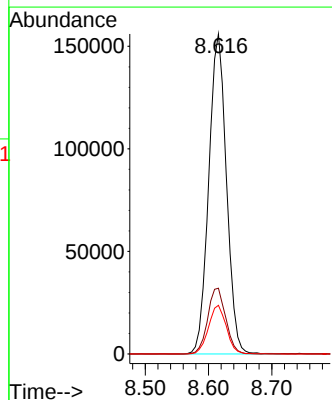
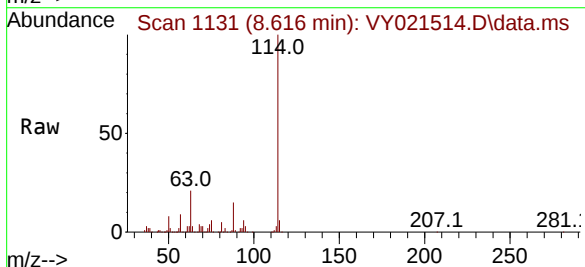
Tgt Ion:114 Resp: 303165

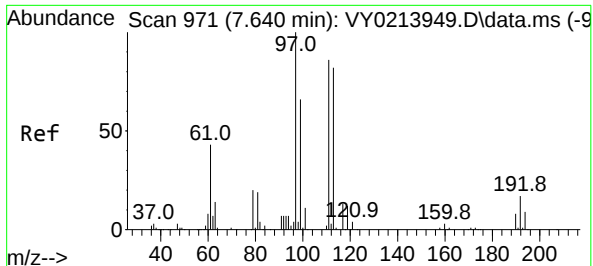
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 57.746 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

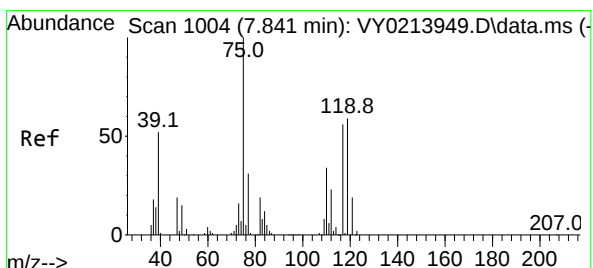
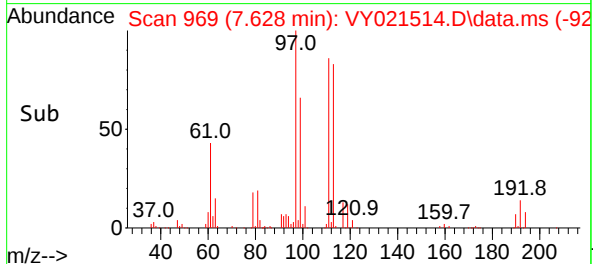
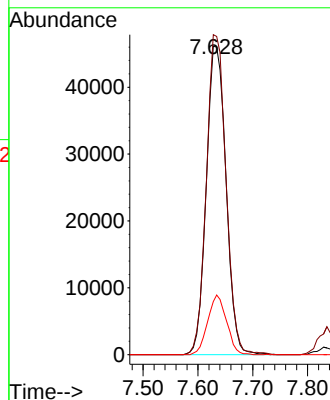
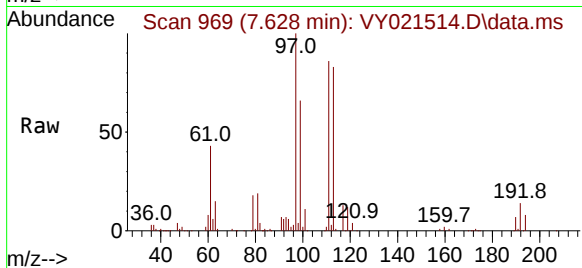
Tgt Ion:113 Resp: 115073

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 18.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 45.221 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

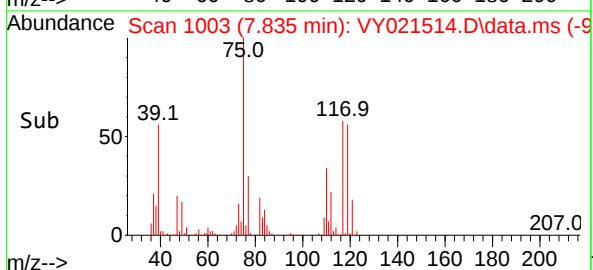
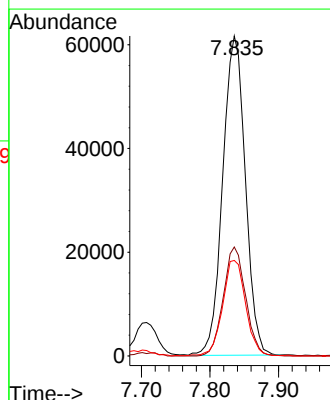
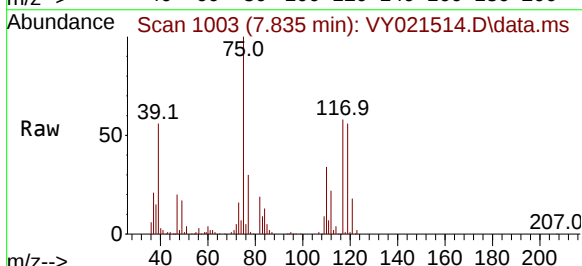
Tgt Ion: 75 Resp: 141058

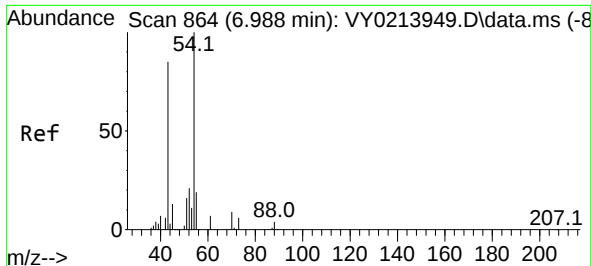
Ion Ratio Lower Upper

75 100

110 33.6 17.3 51.7

77 30.3 25.4 38.2

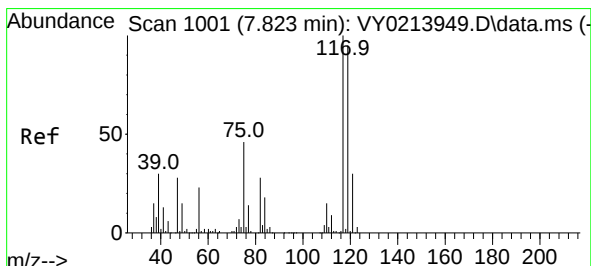
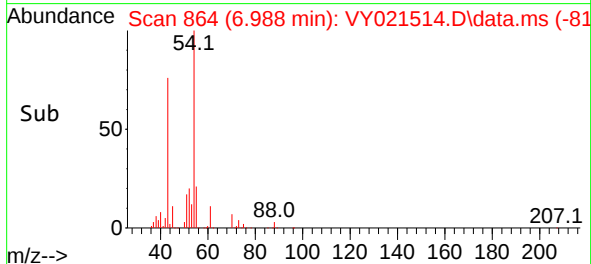
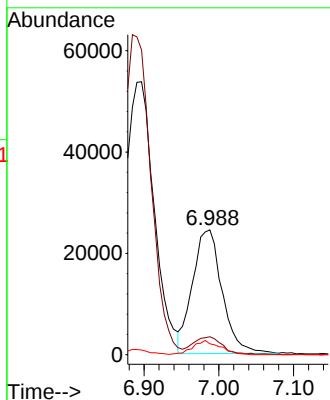
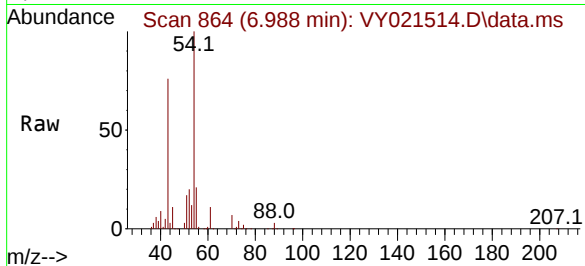




#37
Ethyl Acetate
Concen: 48.707 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

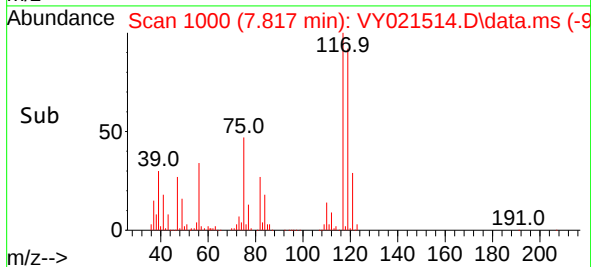
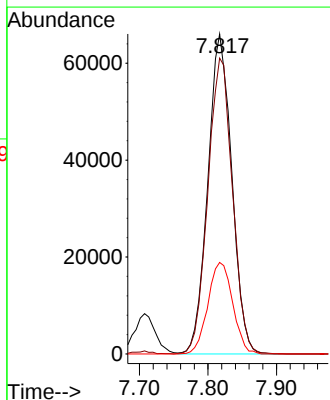
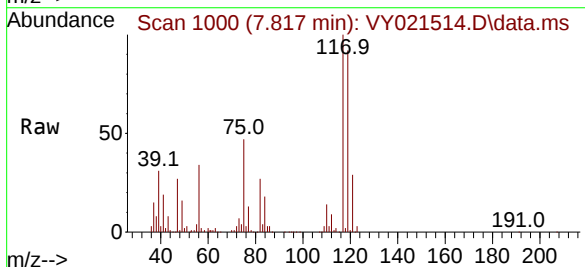
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

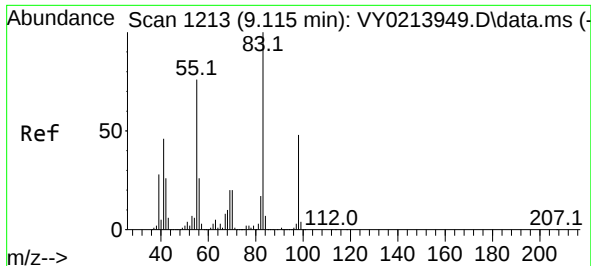
Tgt Ion:	43	Resp:	67151
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.4	17.0
70	10.4	8.2	12.2



#38
Carbon Tetrachloride
Concen: 44.628 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion:	117	Resp:	160098
Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.8	113.8
121	28.6	23.9	35.9





#39

Methylcyclohexane

Concen: 40.150 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

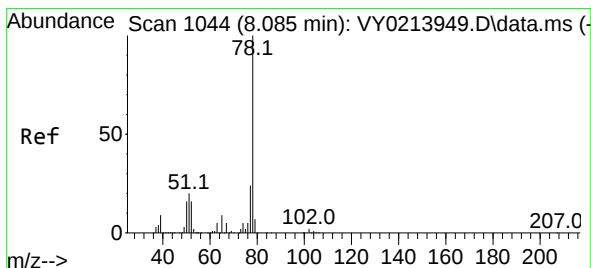
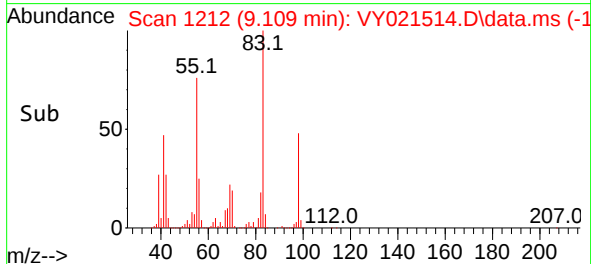
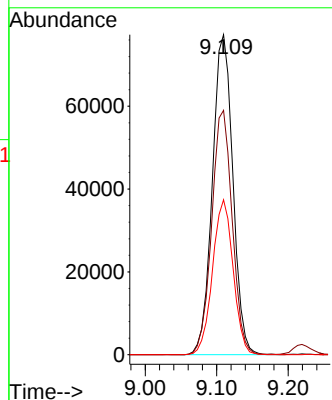
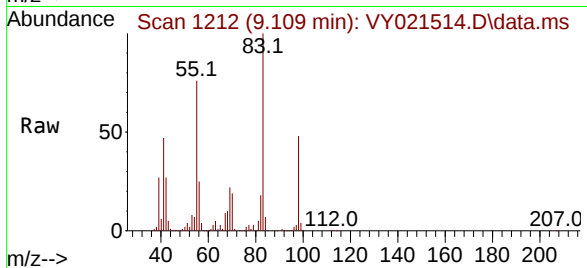
Tgt Ion: 83 Resp: 153620

Ion Ratio Lower Upper

83 100

55 76.3 60.7 91.1

98 48.4 38.6 57.8



#40

Benzene

Concen: 50.221 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021514.D

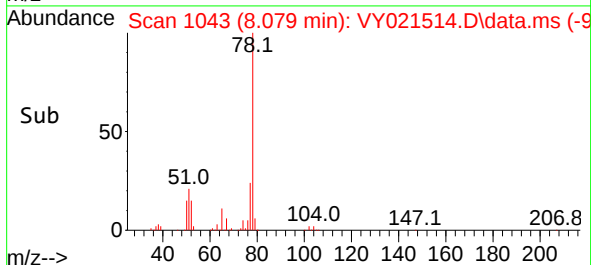
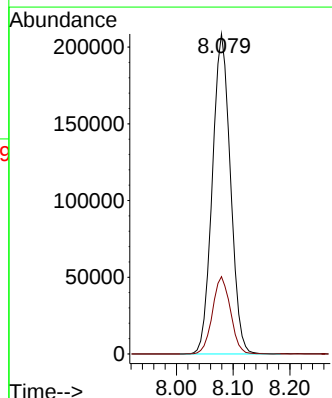
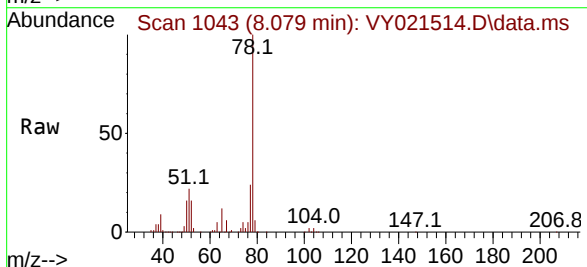
Acq: 12 Mar 2025 17:05

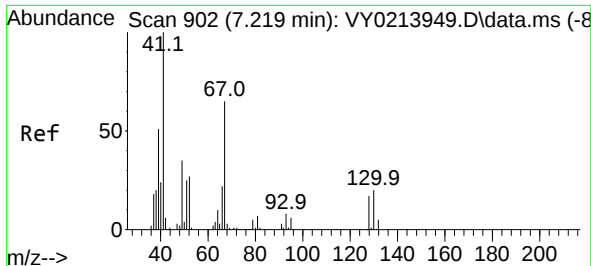
Tgt Ion: 78 Resp: 461466

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4

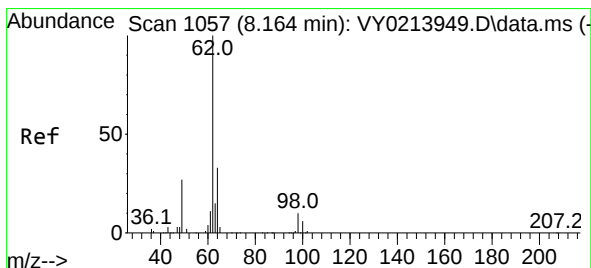
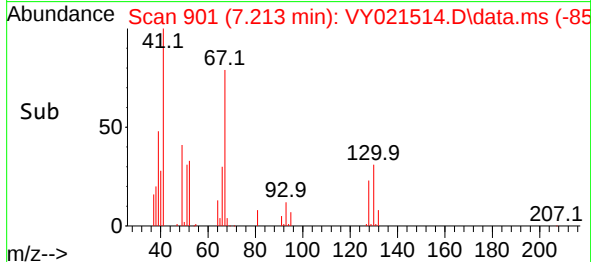
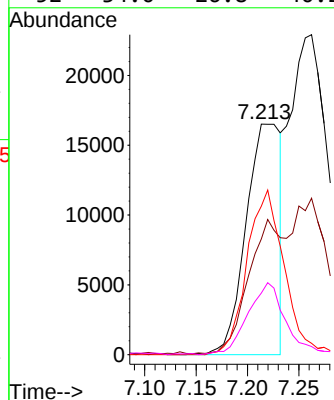
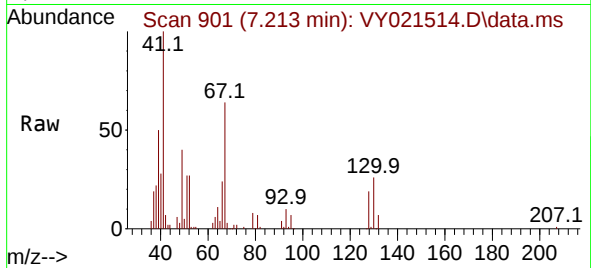




#41
Methacrylonitrile
Concen: 51.527 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

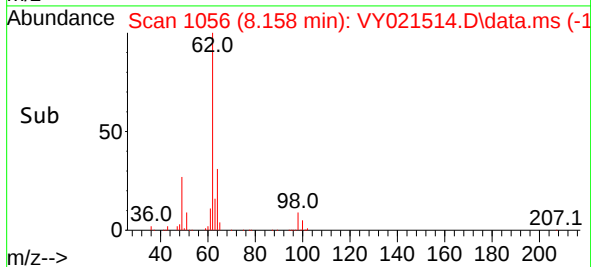
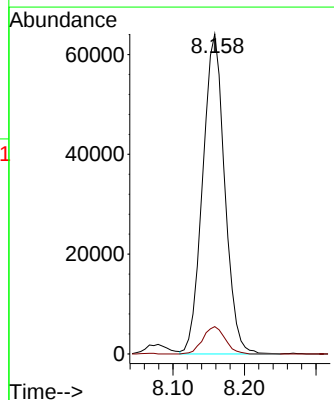
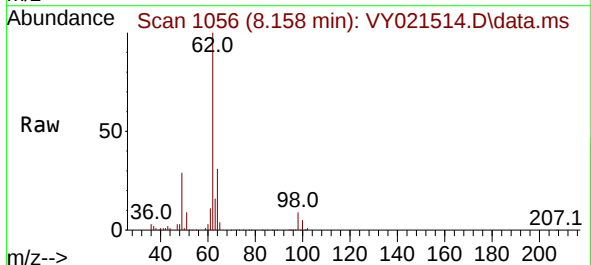
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

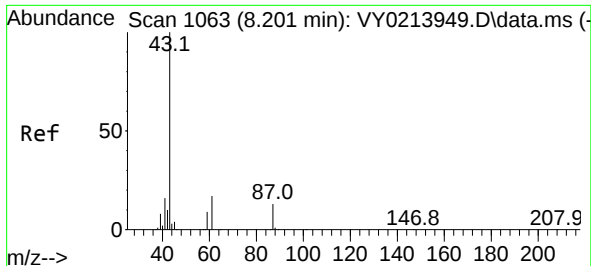
Tgt Ion:	41	Resp:	38681
Ion	Ratio	Lower	Upper
41	100		
39	60.8	35.0	52.6#
67	76.6	61.2	91.8
52	34.0	26.8	40.2



#42
1,2-Dichloroethane
Concen: 53.342 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion:	62	Resp:	137119
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2

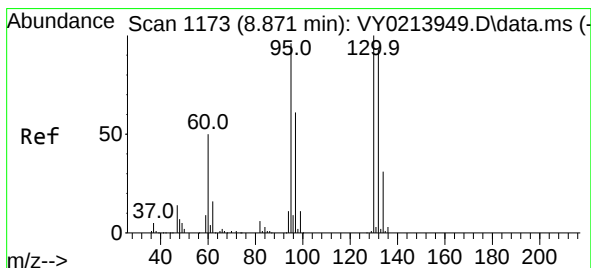
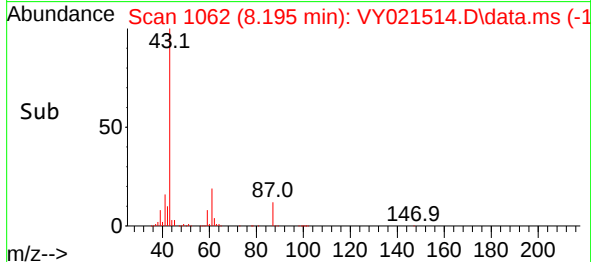
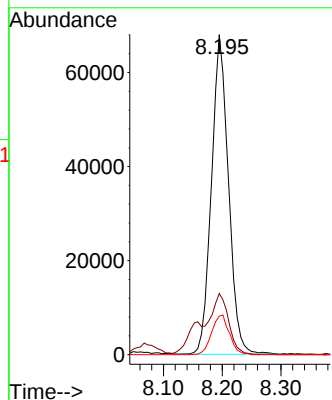
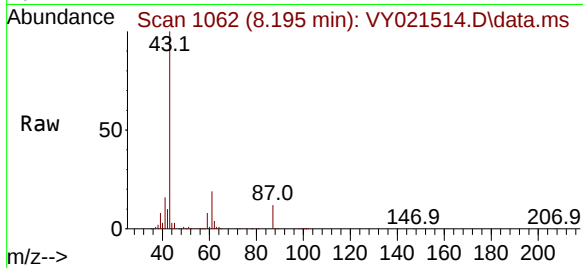




#43
Isopropyl Acetate
Concen: 51.055 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

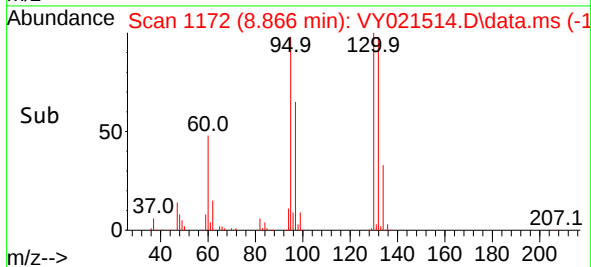
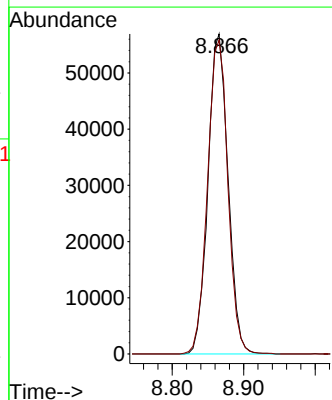
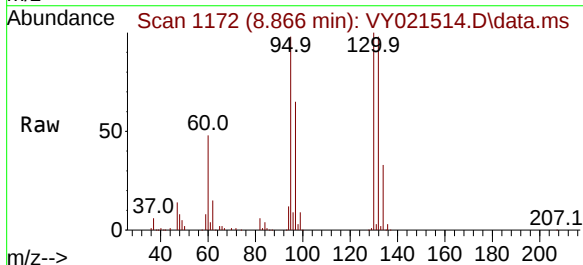
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

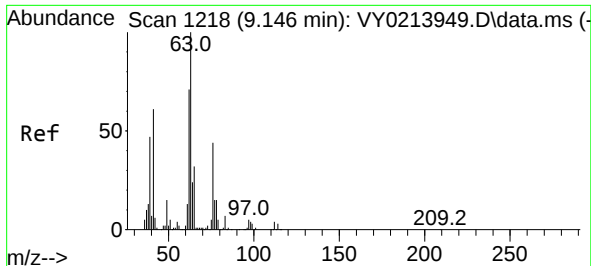
Tgt Ion: 43 Resp: 136643
Ion Ratio Lower Upper
43 100
61 19.4 23.4 35.0#
87 12.9 10.5 15.7



#44
Trichloroethene
Concen: 47.728 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion:130 Resp: 110823
Ion Ratio Lower Upper
130 100
95 98.1 0.0 191.6





#45

1,2-Dichloropropane

Concen: 52.517 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

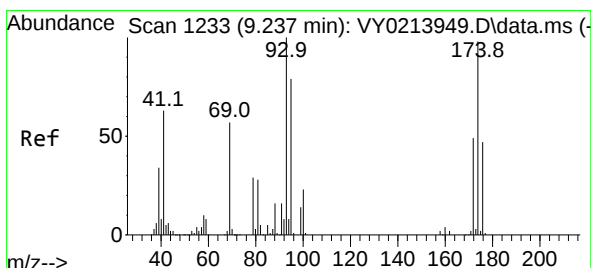
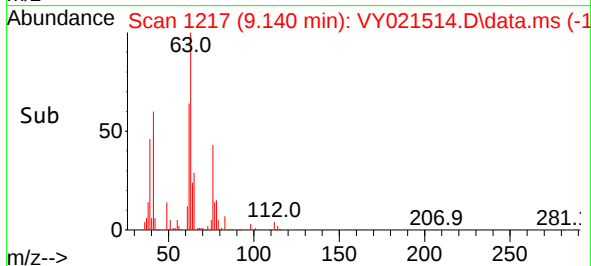
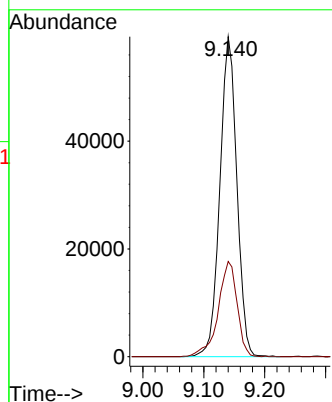
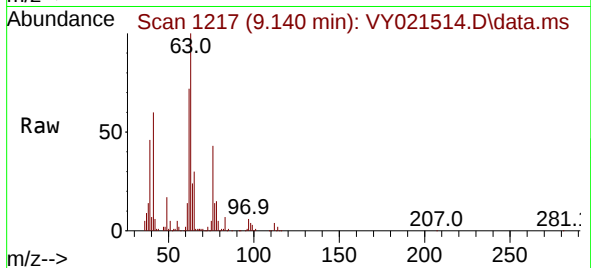
VSTDCCC050EC

Tgt Ion: 63 Resp: 114850

Ion Ratio Lower Upper

63 100

65 29.7 26.0 39.0



#46

Dibromomethane

Concen: 53.413 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

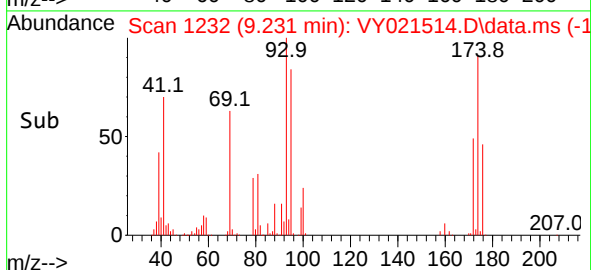
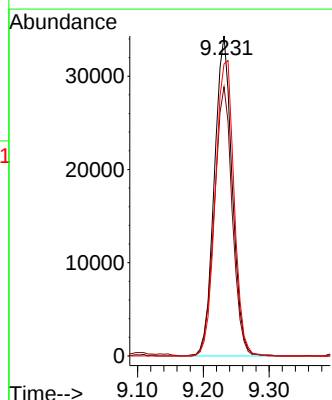
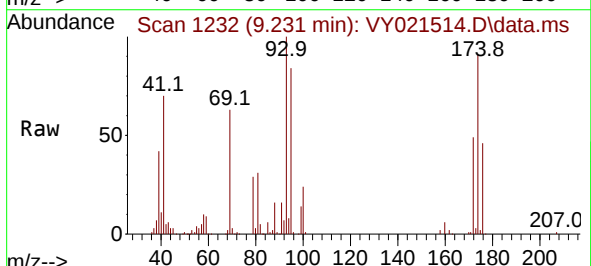
Tgt Ion: 93 Resp: 64994

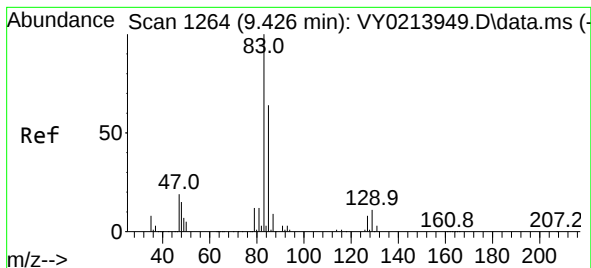
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.8

174 96.7 77.9 116.9





#47

Bromodichloromethane

Concen: 53.227 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

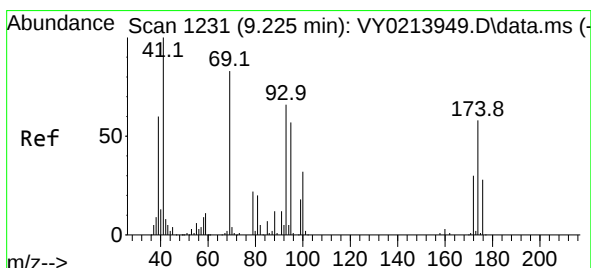
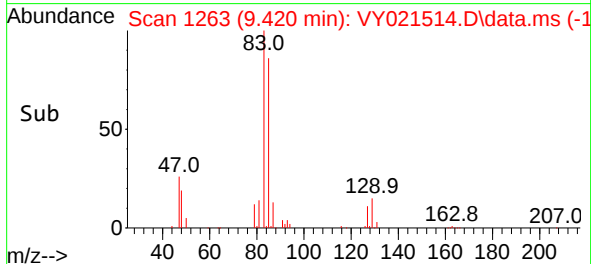
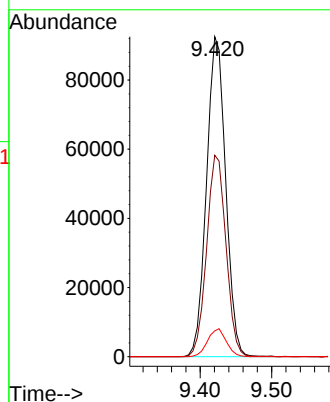
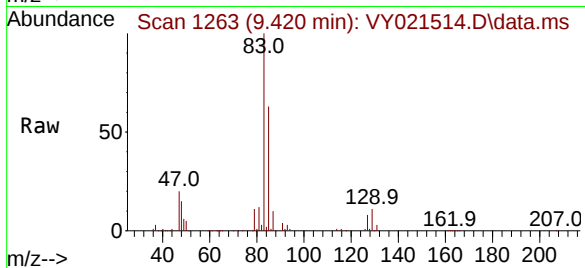
Tgt Ion: 83 Resp: 172001

Ion Ratio Lower Upper

83 100

85 62.9 51.1 76.7

127 8.1 6.7 10.1



#48

Methyl methacrylate

Concen: 54.397 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

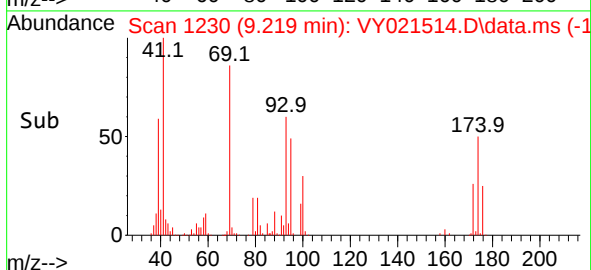
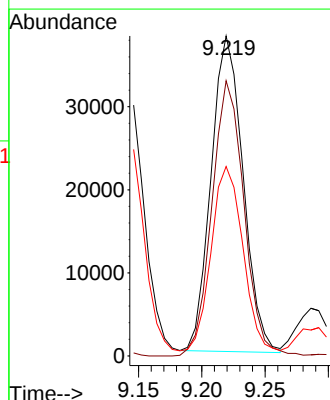
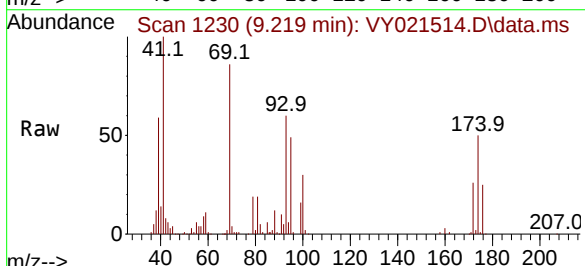
Tgt Ion: 41 Resp: 66852

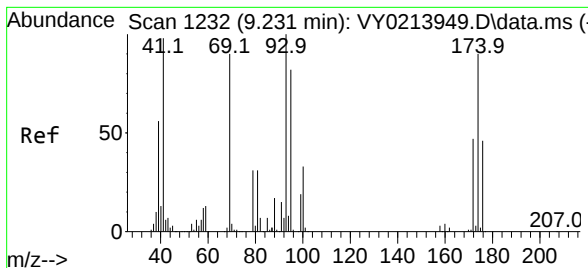
Ion Ratio Lower Upper

41 100

69 87.4 67.8 101.8

39 61.0 46.4 69.6

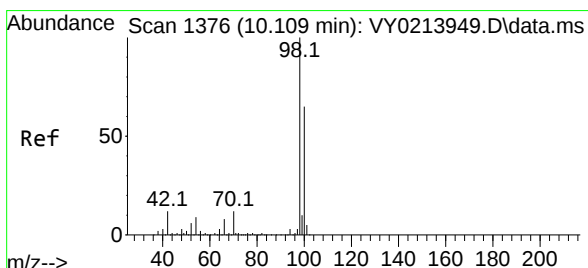
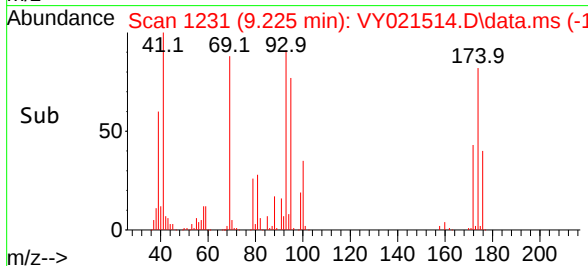
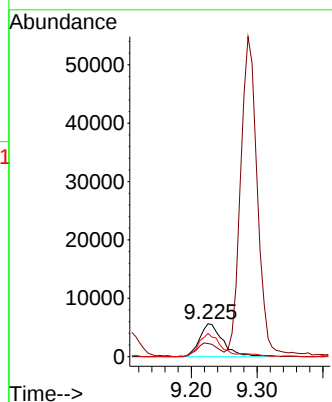
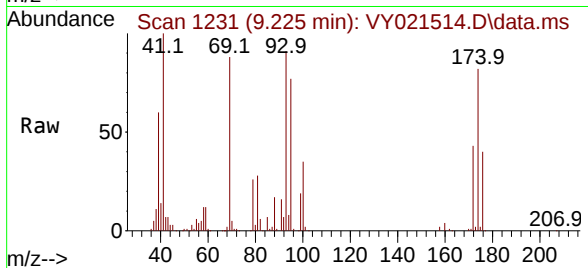




#49
1,4-Dioxane
Concen: 1164.818 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

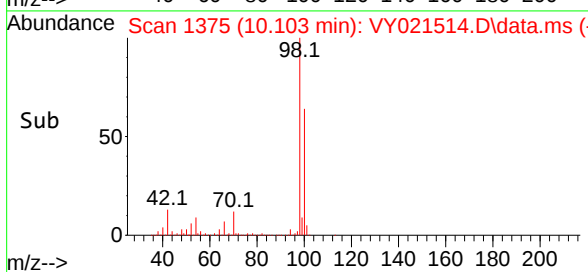
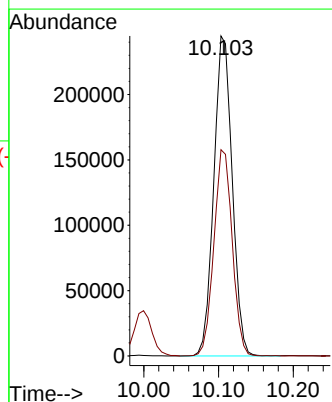
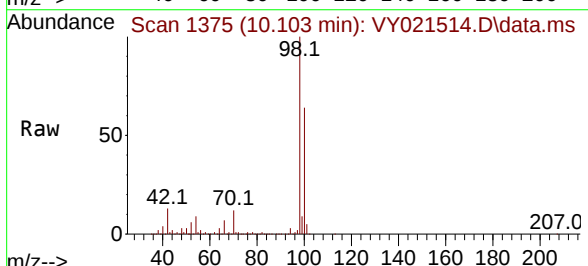
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

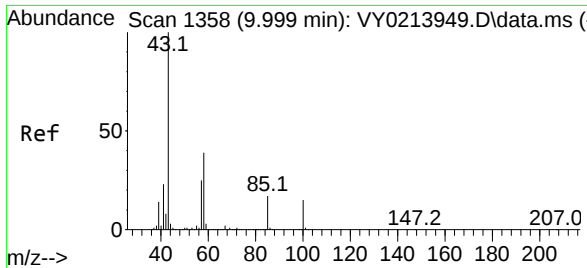
Tgt Ion: 88 Resp: 13912
Ion Ratio Lower Upper
88 100
43 37.4 25.0 37.4
58 63.7 58.4 87.6



#50
Toluene-d8
Concen: 55.484 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 98 Resp: 418636
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

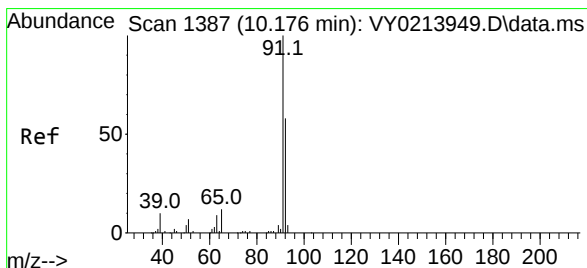
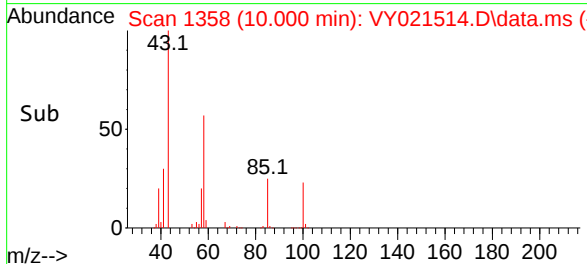
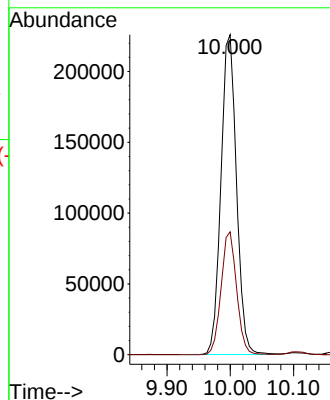
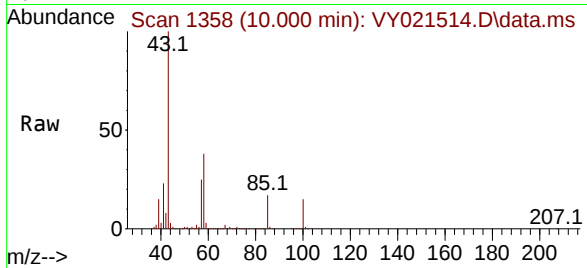




#51
4-Methyl-2-Pentanone
Concen: 278.121 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

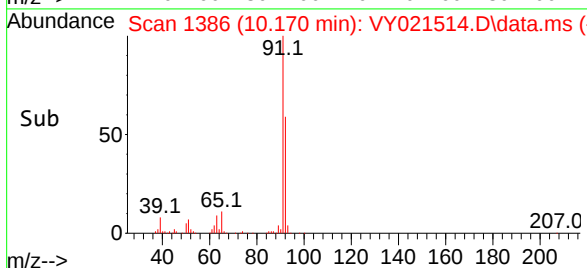
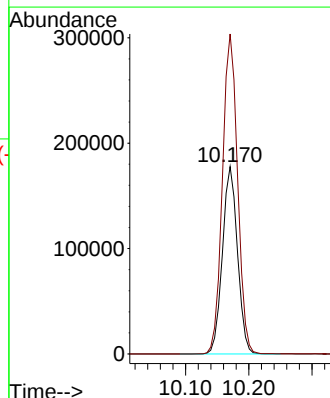
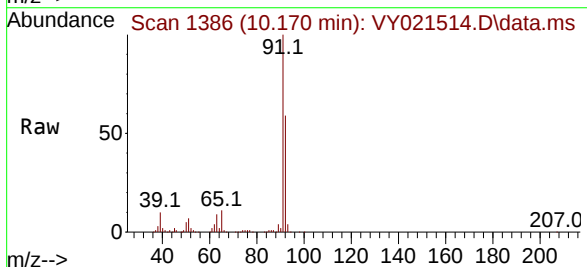
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

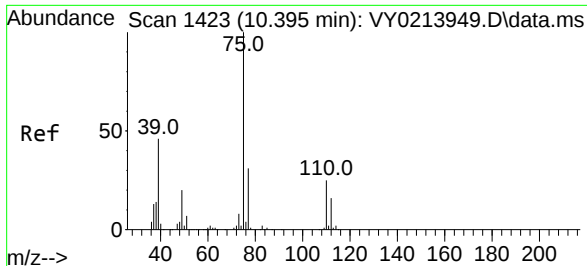
Tgt Ion: 43 Resp: 384062
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2



#52
Toluene
Concen: 50.422 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 92 Resp: 292098
Ion Ratio Lower Upper
92 100
91 172.2 138.2 207.2

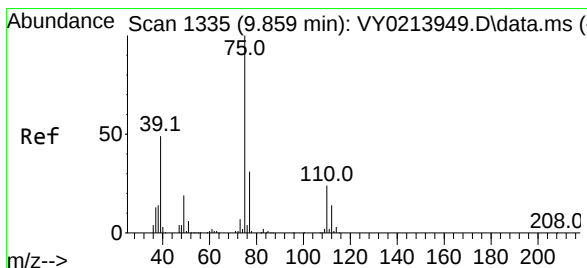
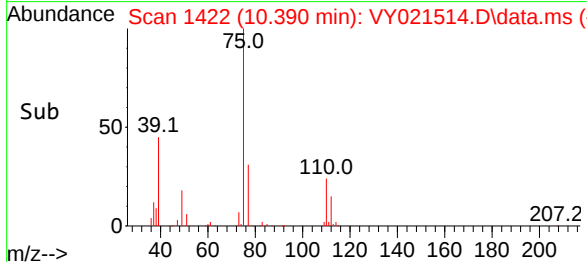
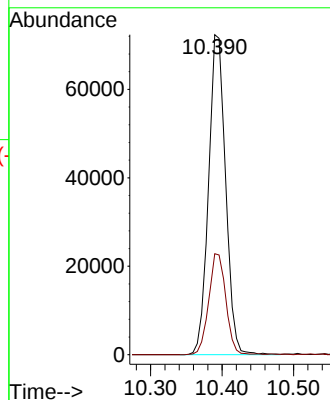
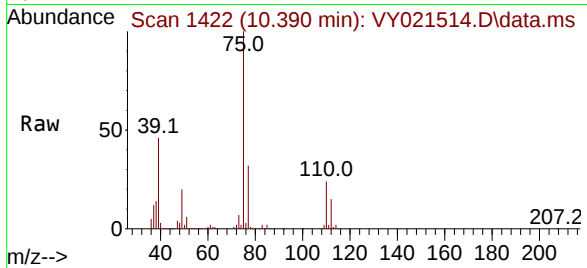




#53
 t-1,3-Dichloropropene
 Concen: 42.066 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

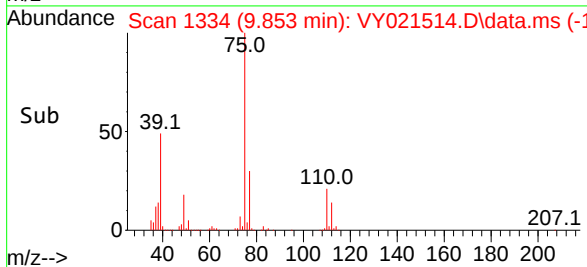
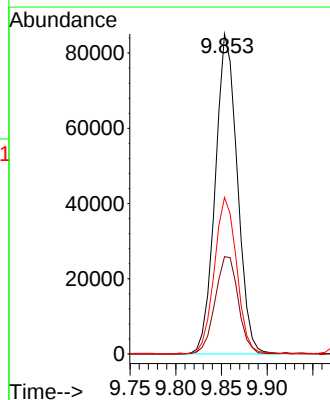
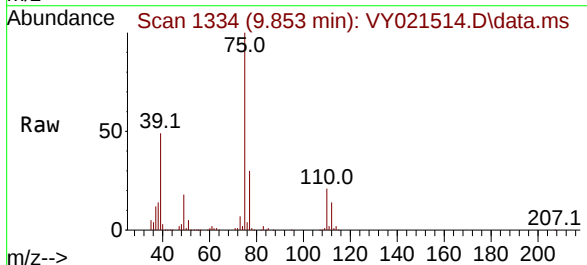
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

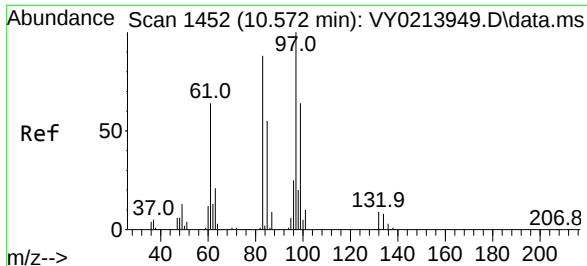
Tgt Ion: 75 Resp: 119761
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 42.362 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

Tgt Ion: 75 Resp: 143191
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 37.0
 39 48.7 39.4 59.2

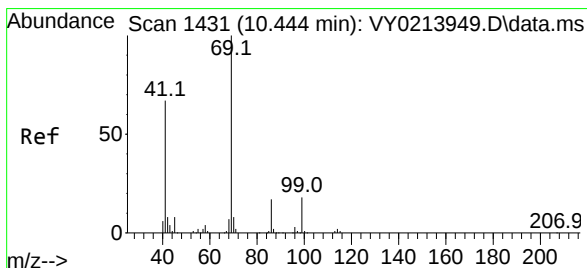
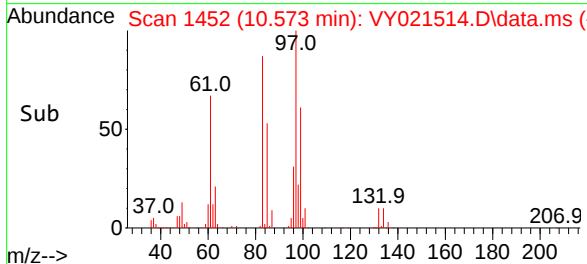
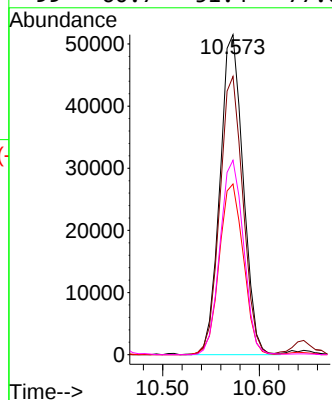
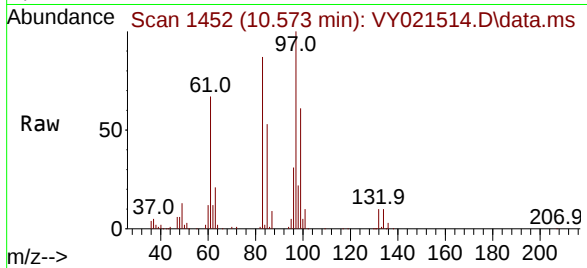




#55
 1,1,2-Trichloroethane
 Concen: 53.878 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

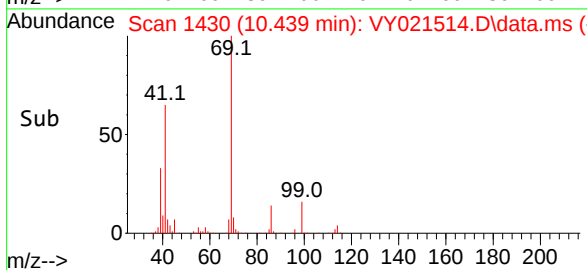
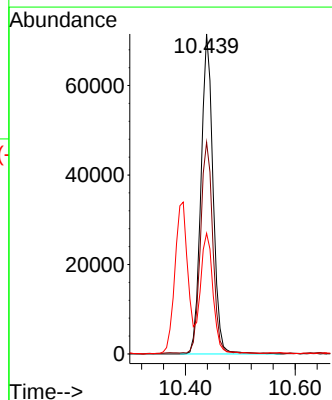
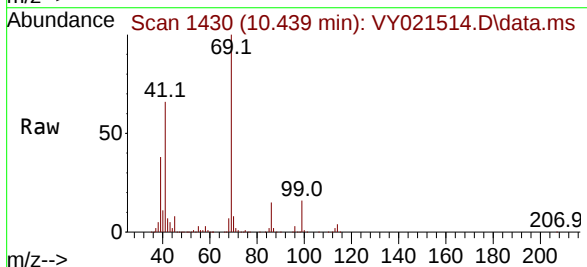
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	85759
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.0	105.0
85	53.4	44.3	66.5
99	60.7	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 53.716 ug/l
 RT: 10.439 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

Tgt Ion:	69	Resp:	109045
Ion	Ratio	Lower	Upper
69	100		
41	67.4	53.3	79.9
39	39.2	31.0	46.6





#57

1,3-Dichloropropane

Concen: 53.428 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

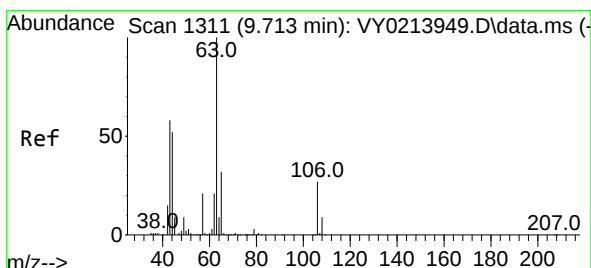
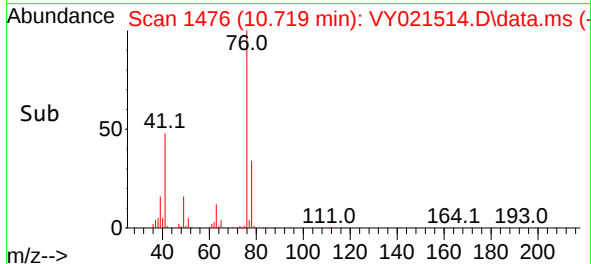
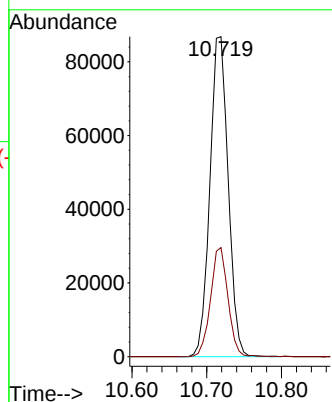
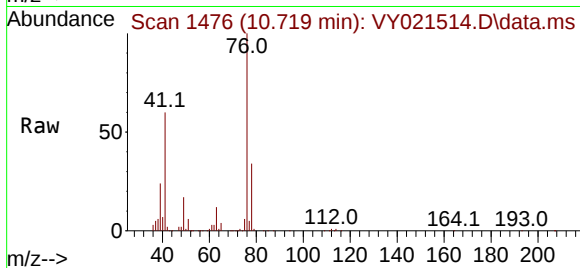
VSTDCCC050EC

Tgt Ion: 76 Resp: 147393

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 294.903 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021514.D

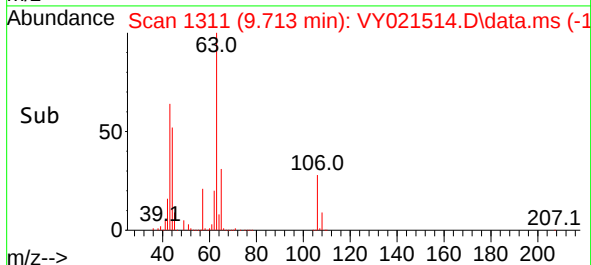
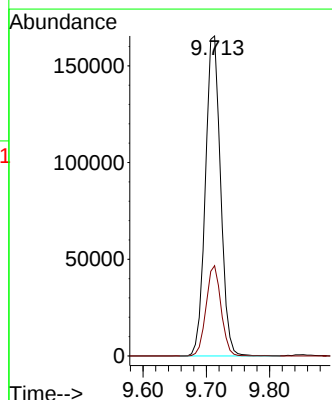
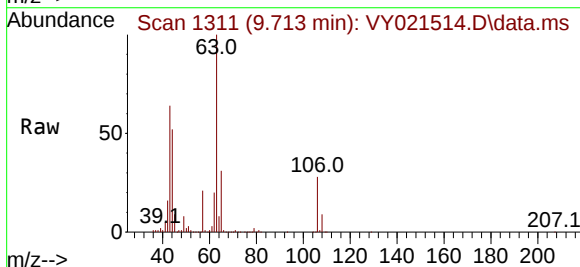
Acq: 12 Mar 2025 17:05

Tgt Ion: 63 Resp: 276354

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

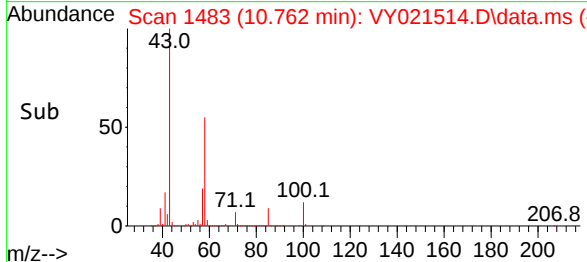
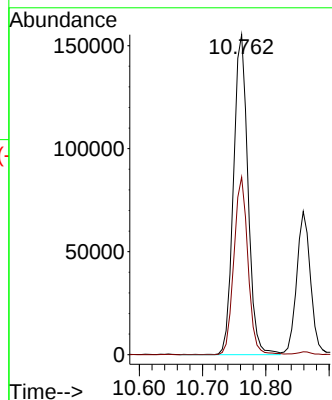
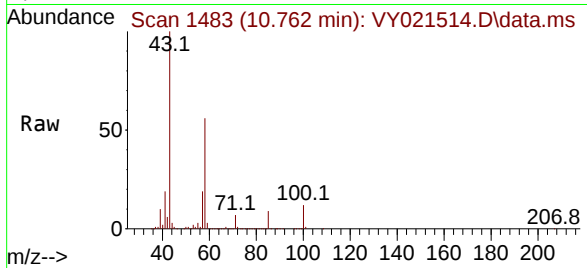




#59
2-Hexanone
Concen: 270.580 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

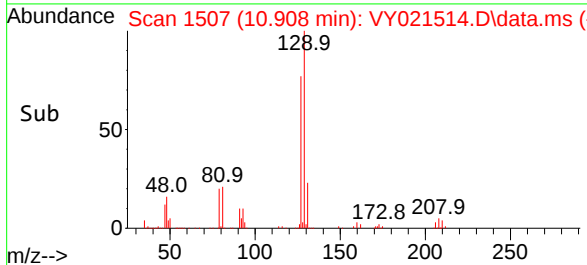
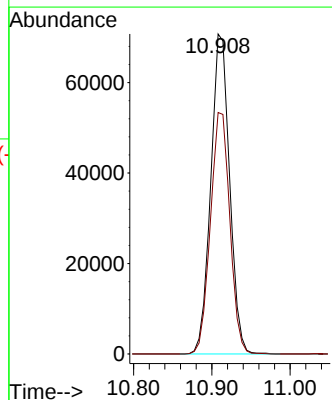
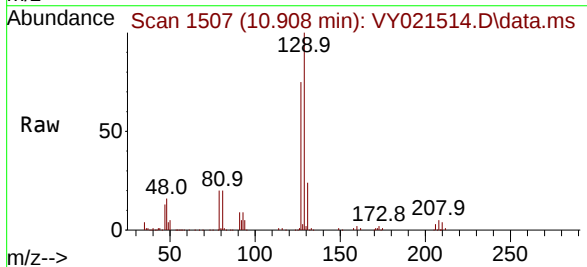
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

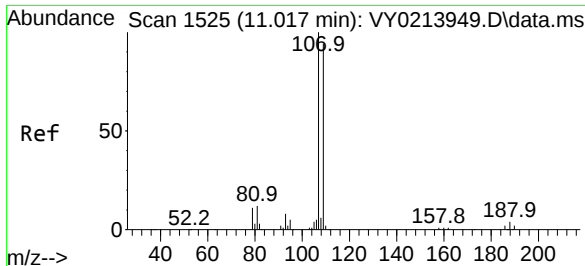
Tgt Ion: 43 Resp: 247066
Ion Ratio Lower Upper
43 100
58 53.7 27.3 81.8



#60
Dibromochloromethane
Concen: 54.125 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 129 Resp: 118109
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

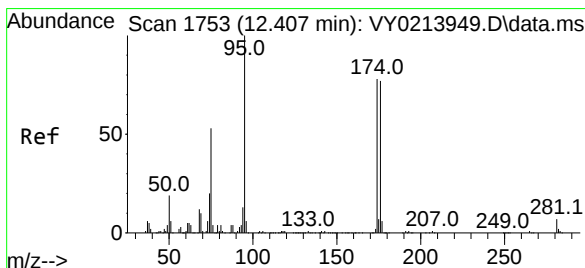
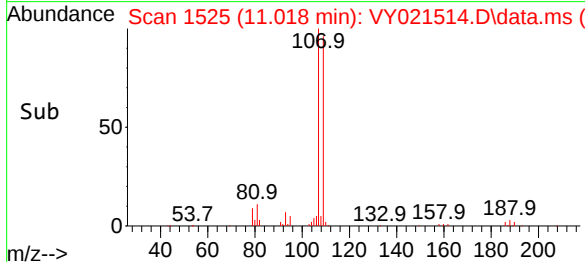
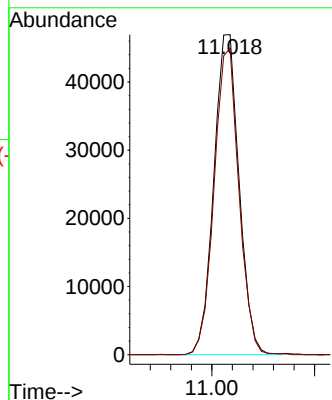
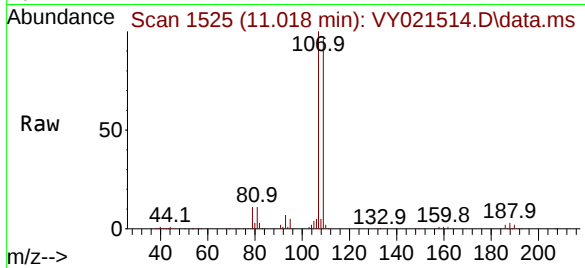




#61
1,2-Dibromoethane
Concen: 53.256 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

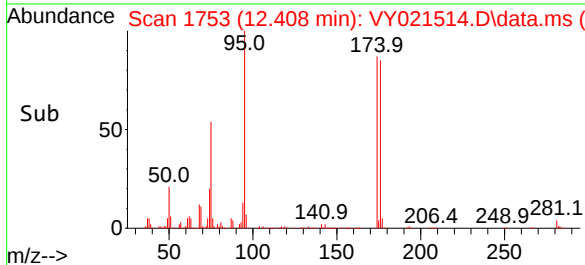
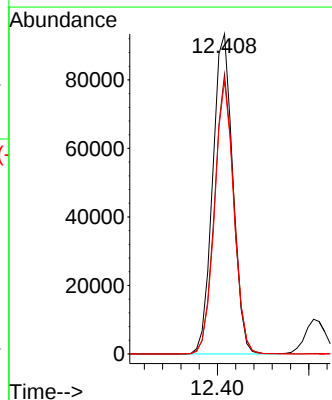
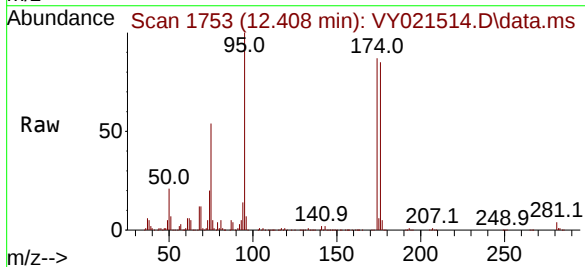
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

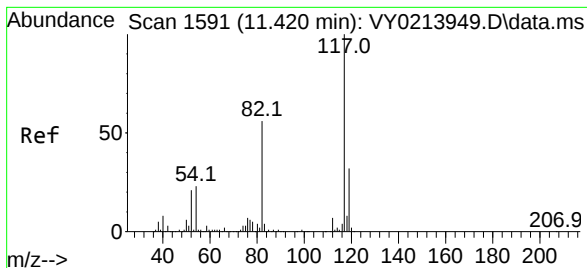
Tgt Ion:107 Resp: 80004
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.486 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 95 Resp: 142408
Ion Ratio Lower Upper
95 100
174 84.2 0.0 165.0
176 81.8 0.0 160.0

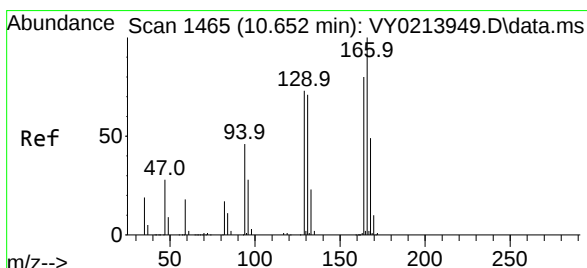
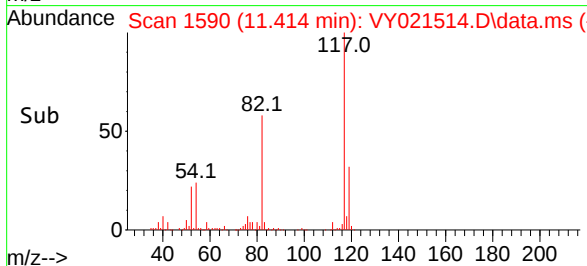
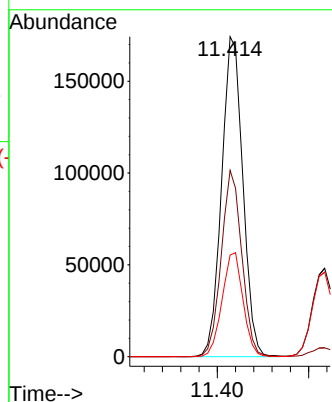
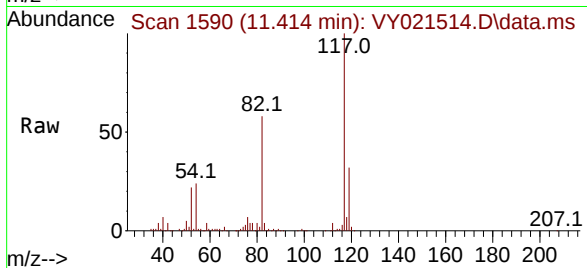




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

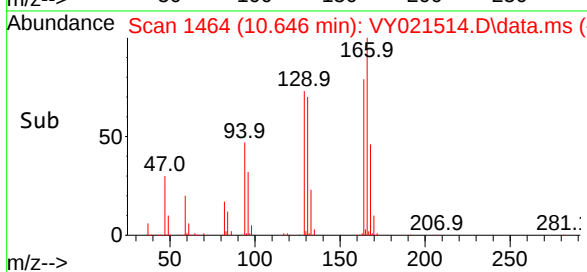
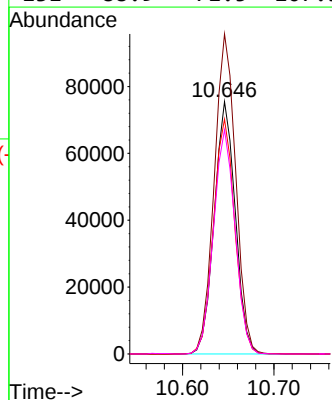
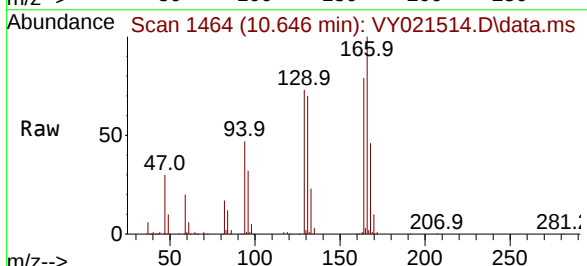
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

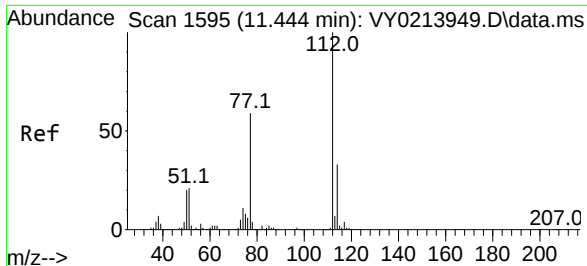
Tgt Ion:117 Resp: 281410
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 52.805 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion:164 Resp: 120835
Ion Ratio Lower Upper
164 100
166 126.8 100.4 150.6
129 93.0 73.8 110.8
131 88.9 71.5 107.3

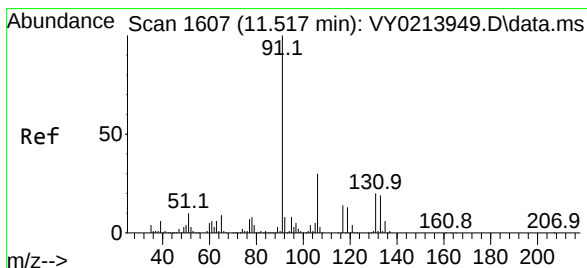
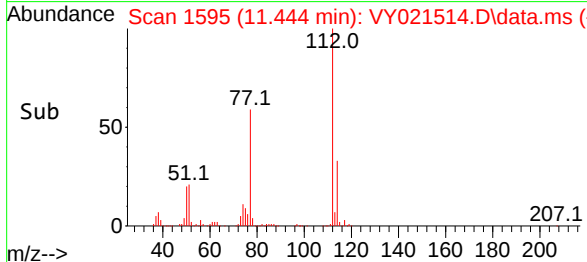
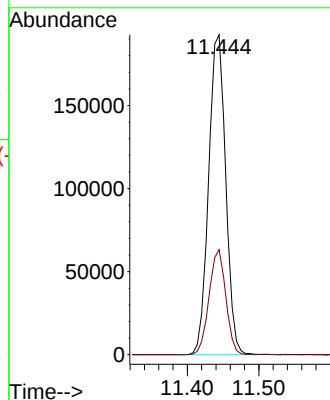
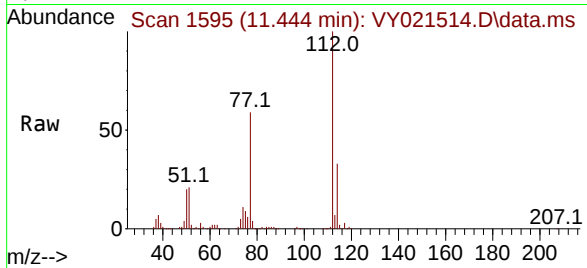




#65
Chlorobenzene
Concen: 48.004 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

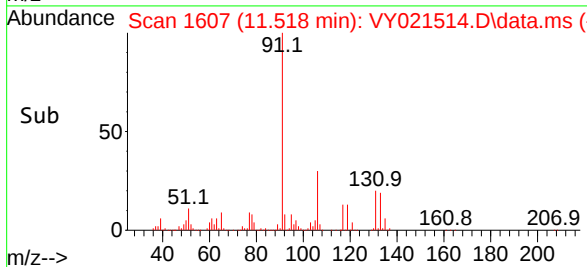
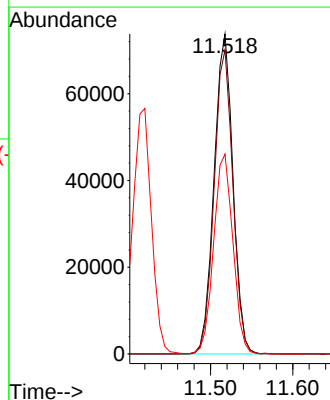
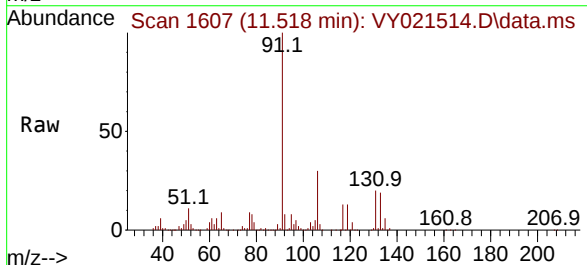
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

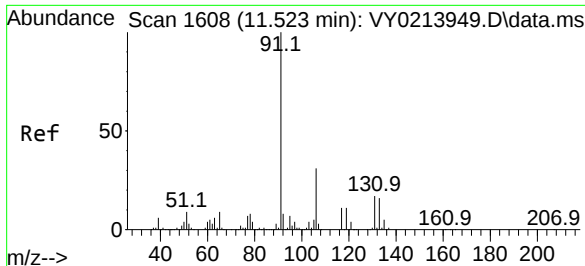
Tgt Ion:112 Resp: 319004
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.086 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion:131 Resp: 117676
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 63.8 32.3 96.9

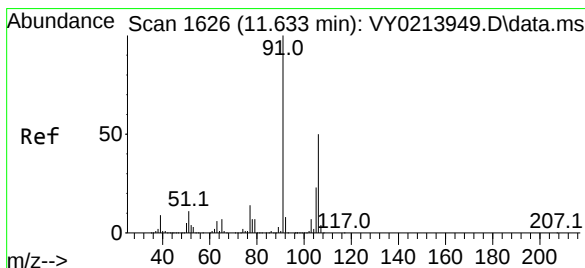
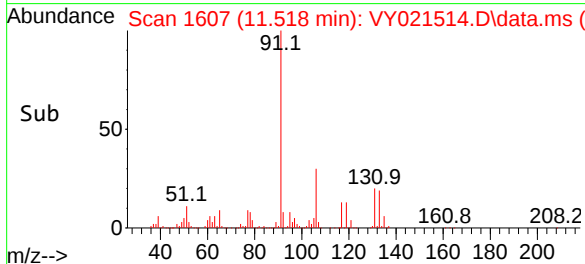
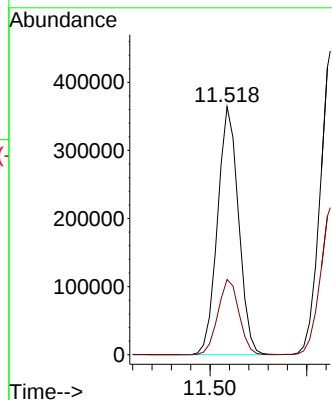
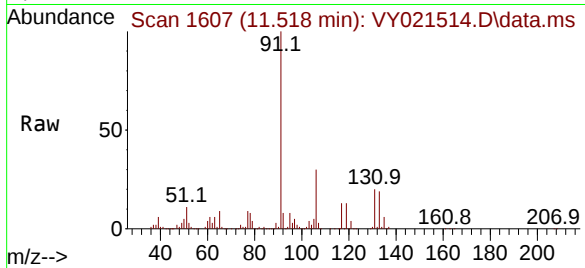




#67
Ethyl Benzene
Concen: 46.986 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

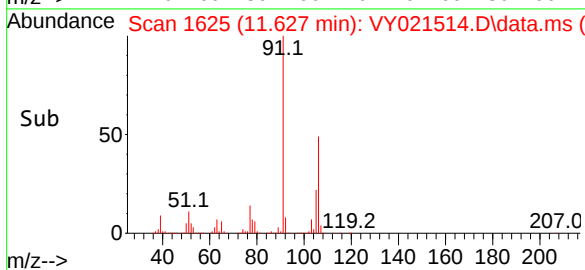
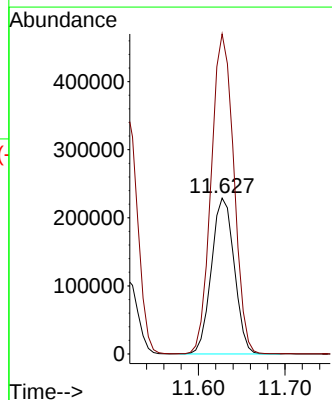
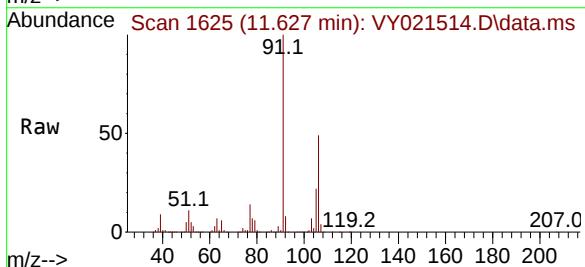
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

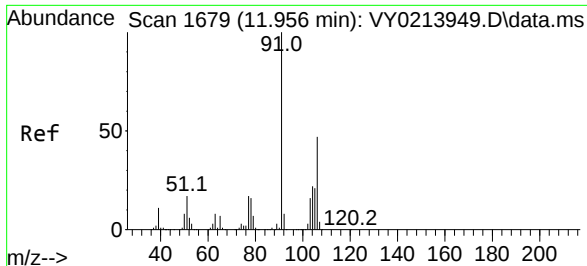
Tgt Ion: 91 Resp: 548044
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8



#68
m/p-Xylenes
Concen: 94.571 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 106 Resp: 418781
Ion Ratio Lower Upper
106 100
91 204.0 161.7 242.5





#69

o-Xylene

Concen: 49.166 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

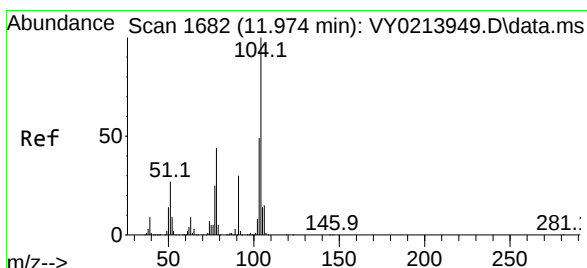
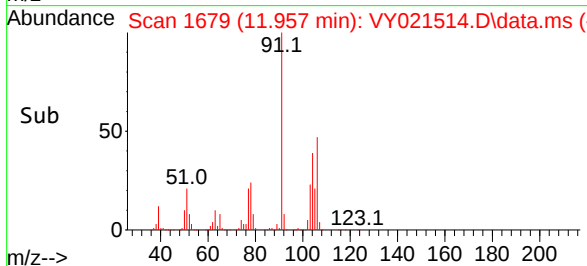
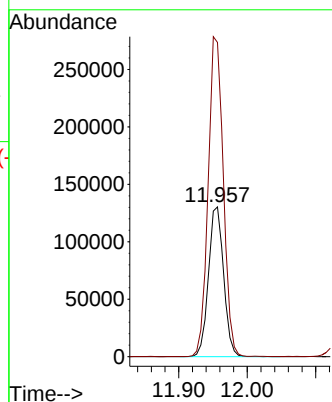
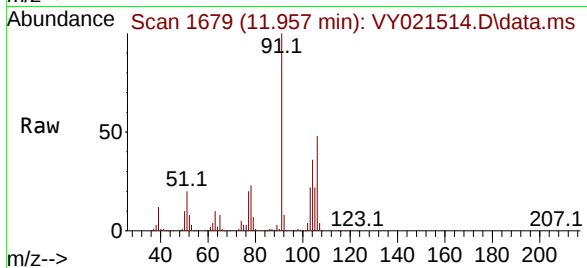
VSTDCCC050EC

Tgt Ion:106 Resp: 200657

Ion Ratio Lower Upper

106 100

91 213.9 107.6 322.8



#70

Styrene

Concen: 51.257 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

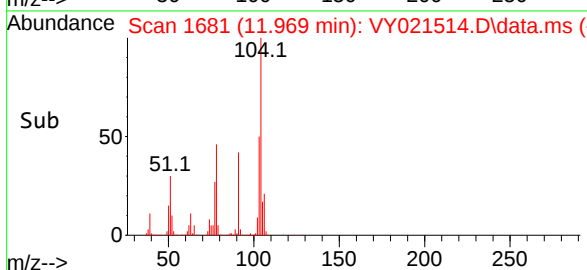
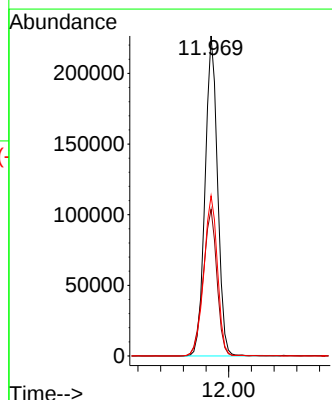
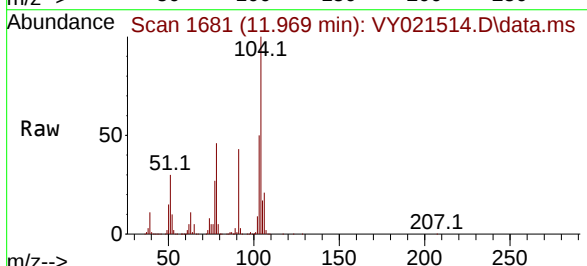
Tgt Ion:104 Resp: 347041

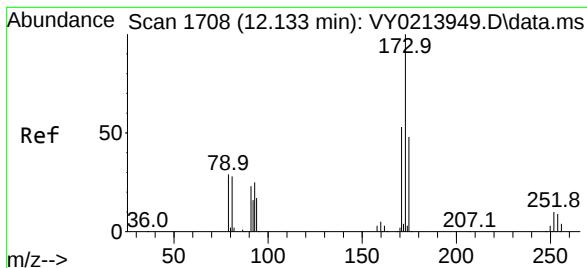
Ion Ratio Lower Upper

104 100

78 50.2 40.7 61.1

103 54.4 44.1 66.1





#71

Bromoform

Concen: 51.754 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

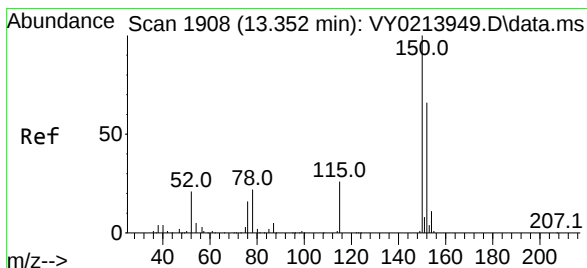
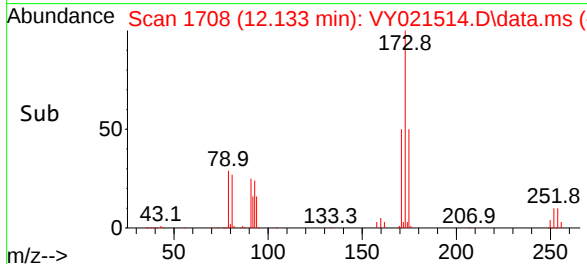
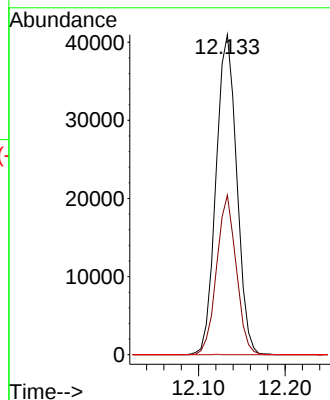
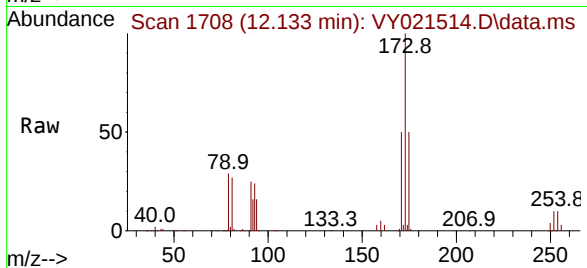
Tgt Ion:173 Resp: 67973

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.7

254 0.0 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: VY021514.D

Acq: 12 Mar 2025 17:05

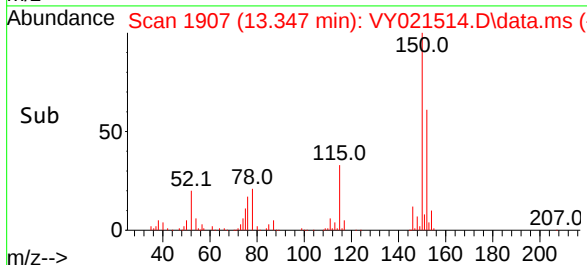
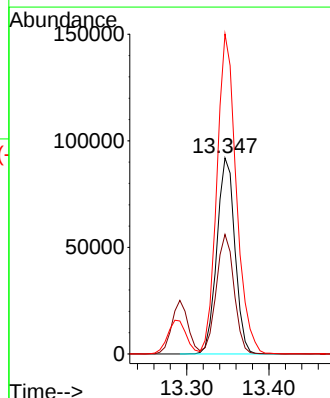
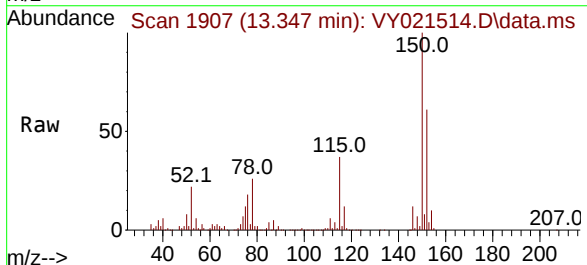
Tgt Ion:152 Resp: 139822

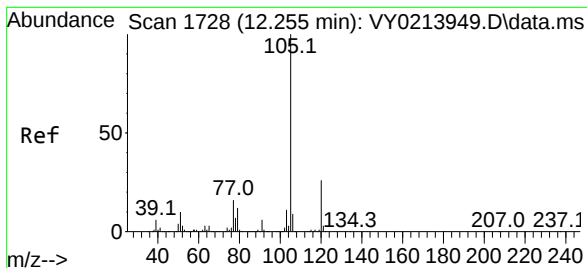
Ion Ratio Lower Upper

152 100

115 60.3 29.0 87.0

150 175.8 0.0 347.2

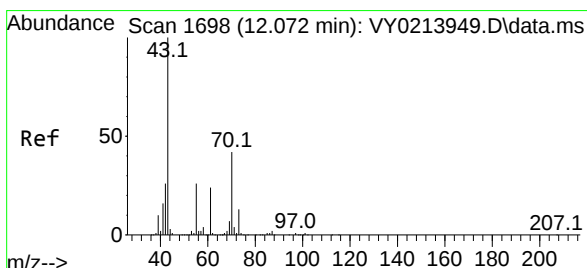
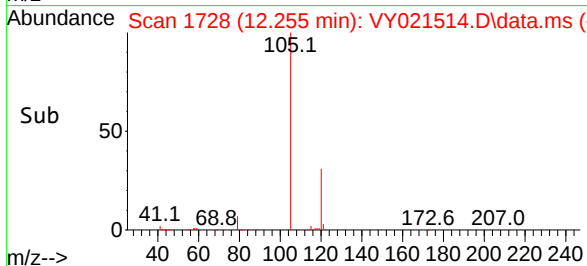
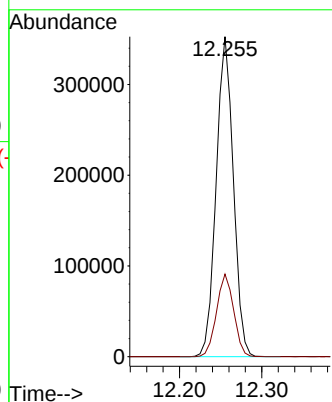
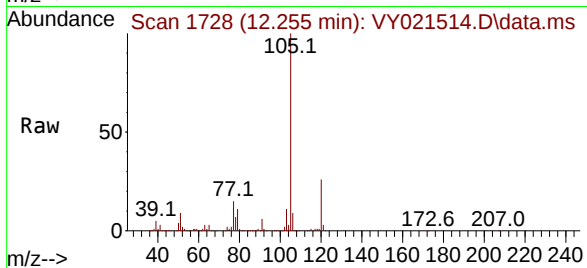




#73
Isopropylbenzene
Concen: 46.412 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

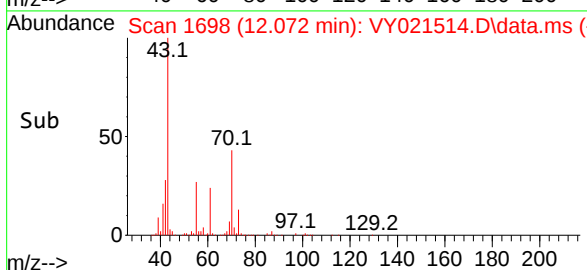
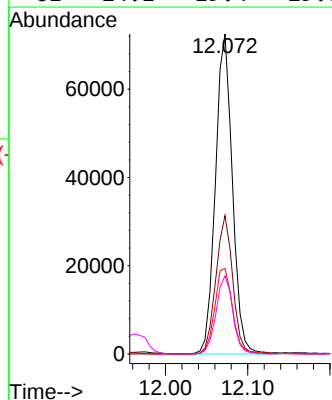
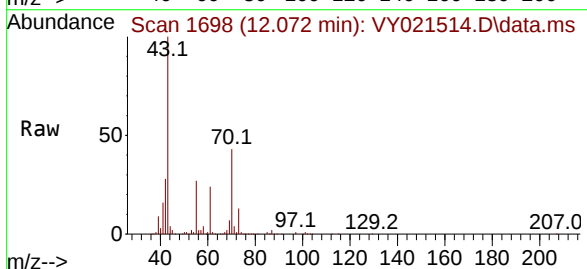
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

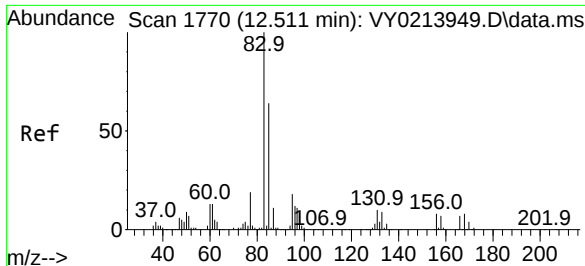
Tgt Ion:105 Resp: 511194
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3



#74
N-ethyl acetate
Concen: 43.563 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 43 Resp: 104202
Ion Ratio Lower Upper
43 100
70 42.8 34.6 51.8
55 28.0 21.1 31.7
61 24.1 19.4 29.0

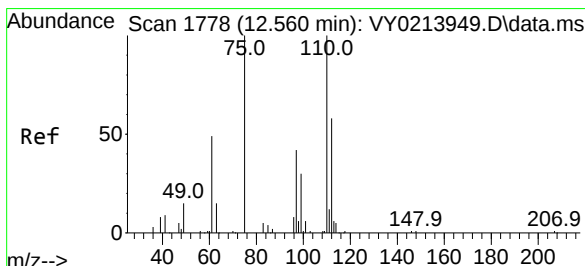
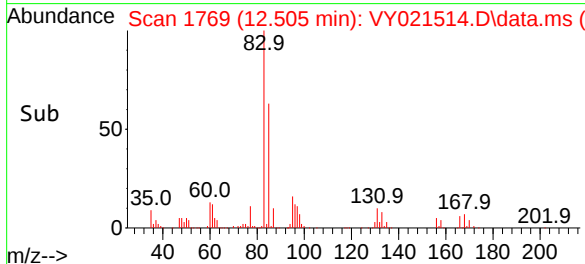
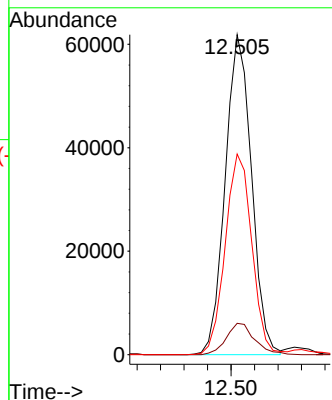
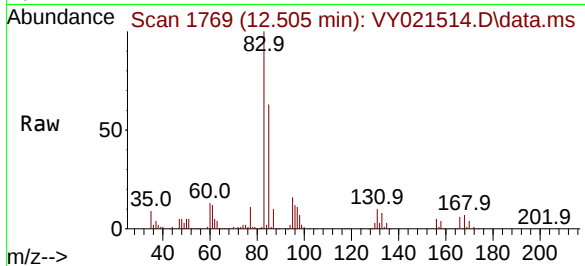




#75
1,1,2,2-Tetrachloroethane
Concen: 49.485 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

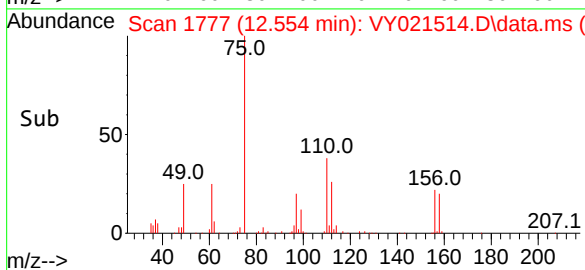
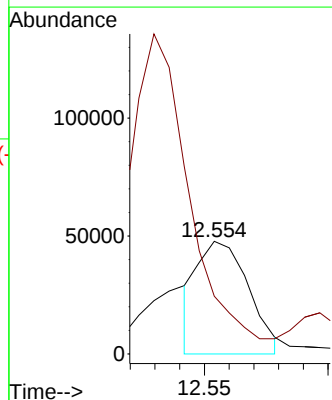
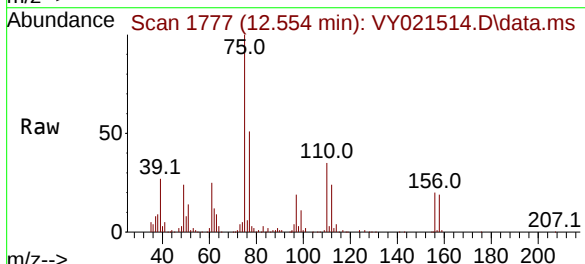
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

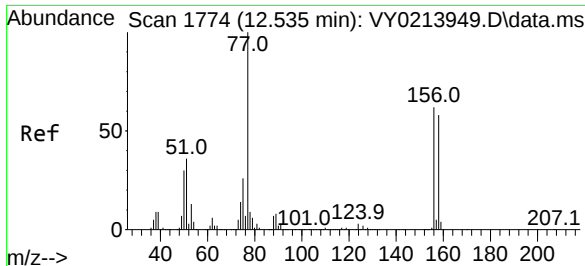
Tgt Ion: 83 Resp: 96180
Ion Ratio Lower Upper
83 100
131 10.5 5.3 16.1
85 63.6 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 48.822 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 75 Resp: 68788
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

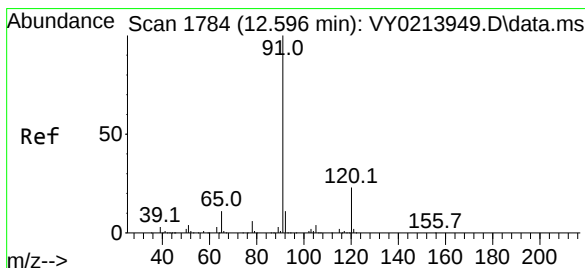
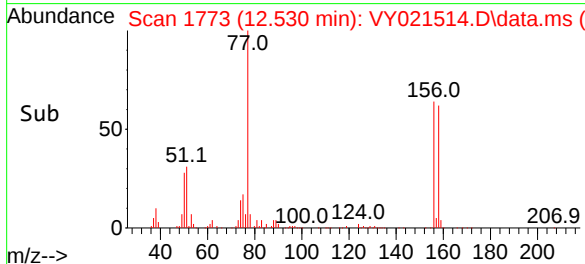
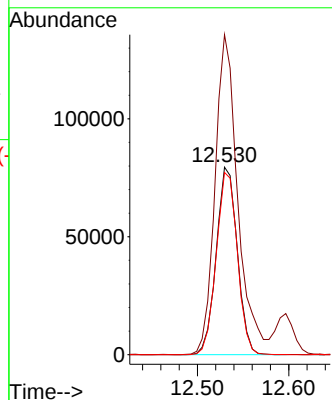
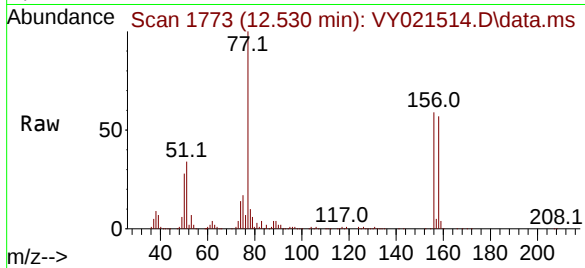




#77
Bromobenzene
Concen: 49.361 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

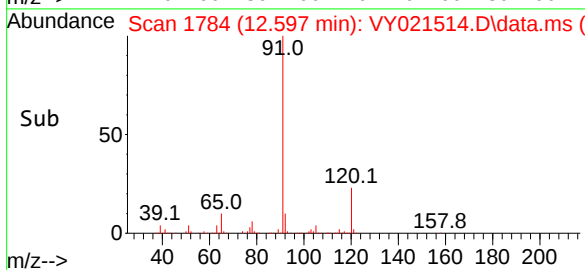
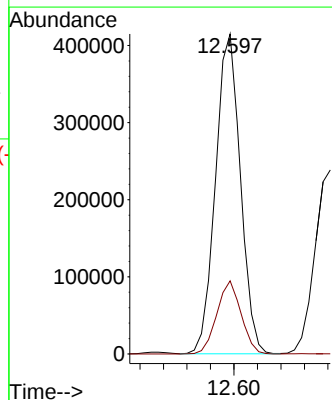
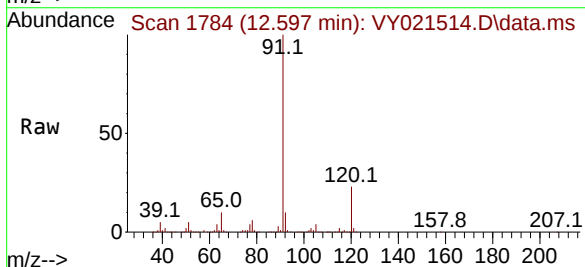
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

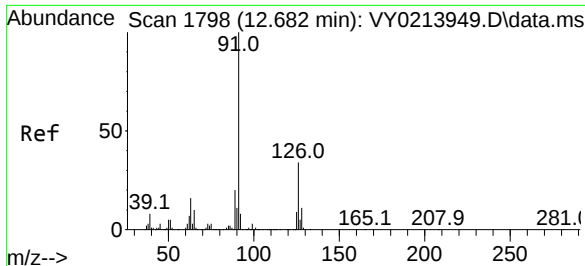
Tgt Ion:156 Resp: 127191
Ion Ratio Lower Upper
156 100
77 185.0 93.6 280.8
158 97.5 48.3 144.8



#78
n-propylbenzene
Concen: 45.574 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 91 Resp: 609614
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8





#79

2-Chlorotoluene

Concen: 47.926 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

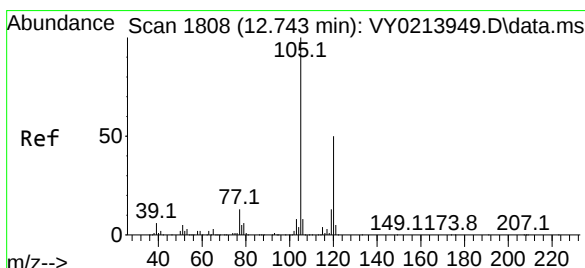
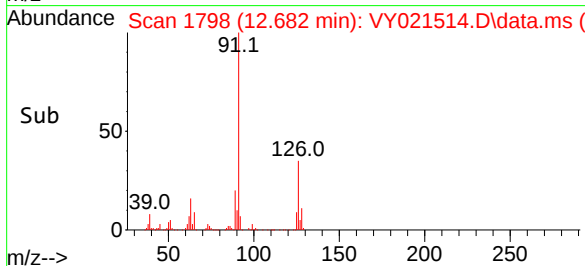
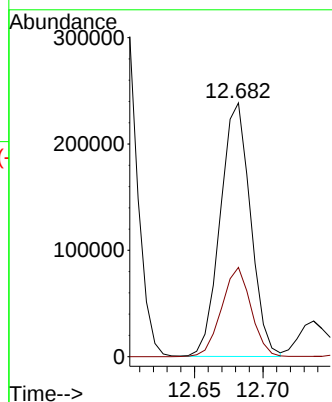
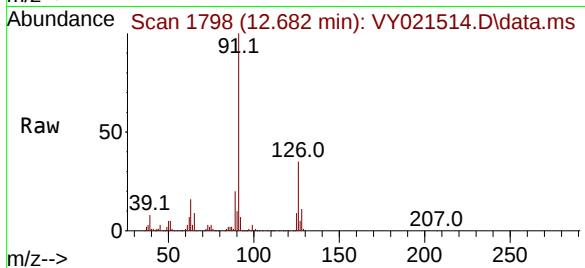
VSTDCCC050EC

Tgt Ion: 91 Resp: 366563

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 47.750 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021514.D

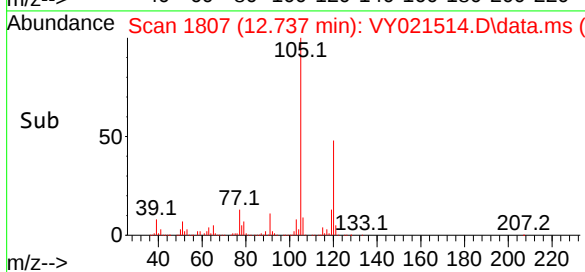
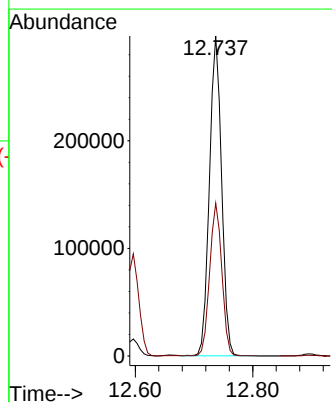
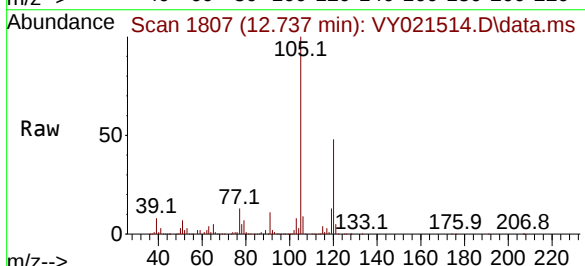
Acq: 12 Mar 2025 17:05

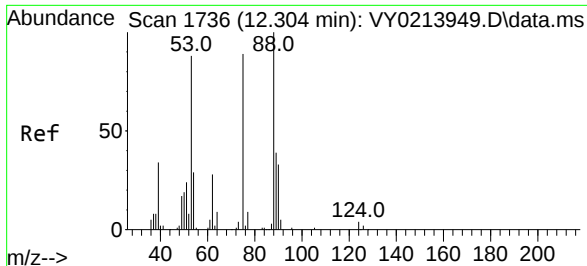
Tgt Ion: 105 Resp: 427400

Ion Ratio Lower Upper

105 100

120 47.8 24.6 73.6

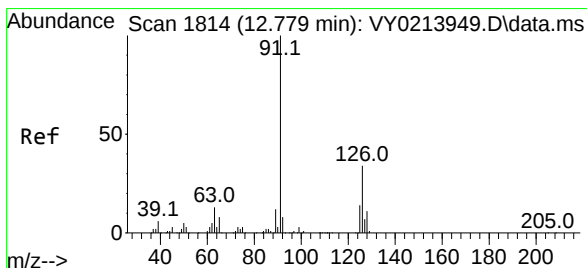
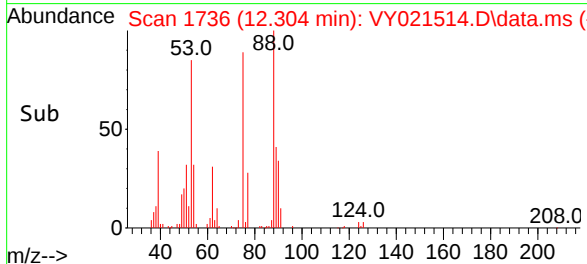
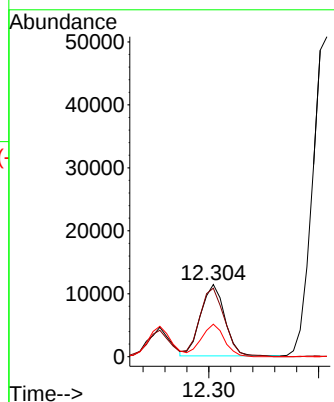
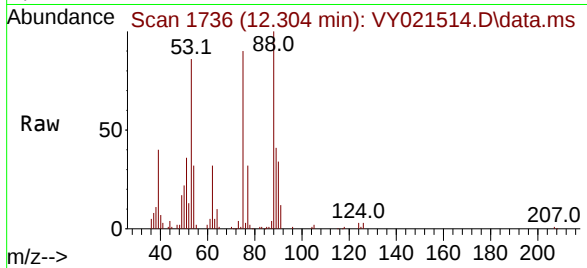




#81
 trans-1,4-Dichloro-2-butene
 Concen: 27.844 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

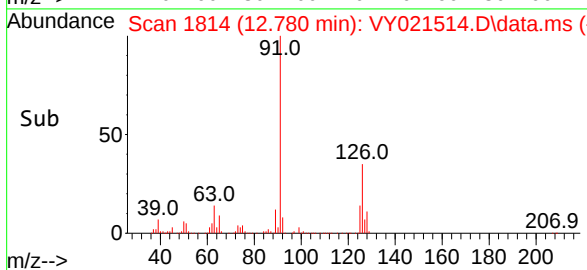
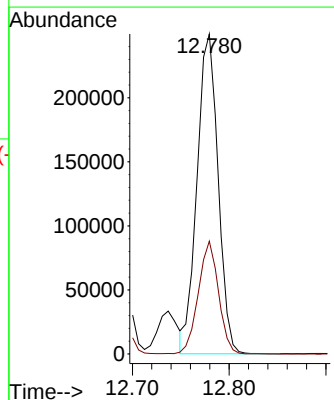
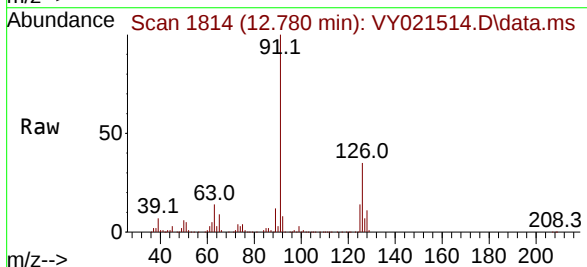
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

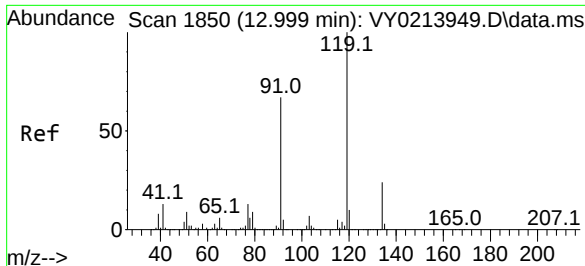
Tgt Ion: 75 Resp: 17257
 Ion Ratio Lower Upper
 75 100
 53 100.8 81.0 121.4
 89 43.5 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 47.767 ug/l
 RT: 12.780 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

Tgt Ion: 91 Resp: 378329
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0

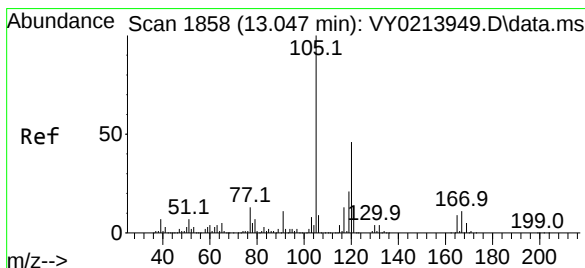
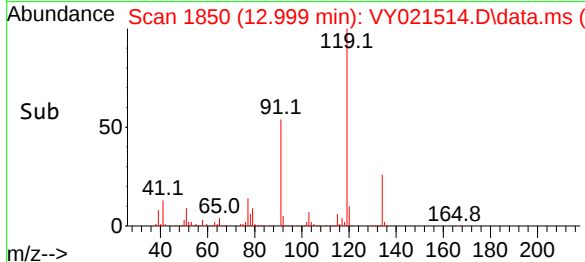
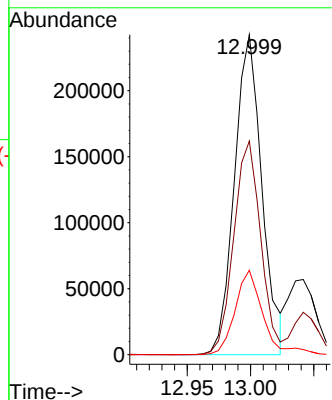
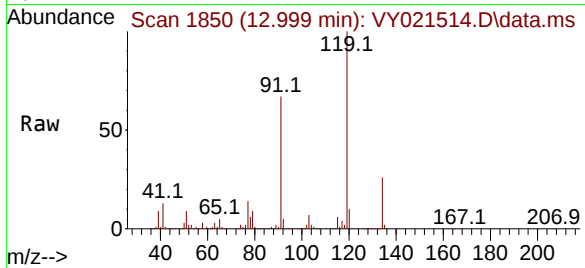




#83
 tert-Butylbenzene
 Concen: 45.917 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

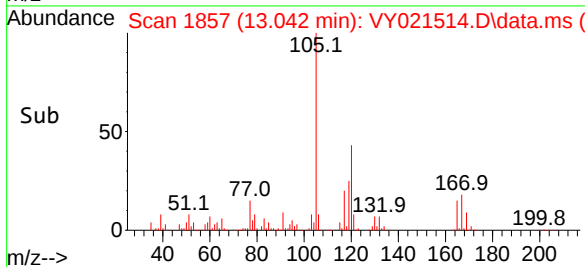
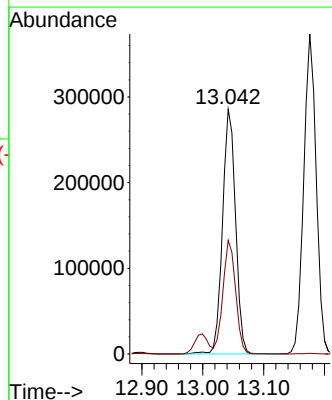
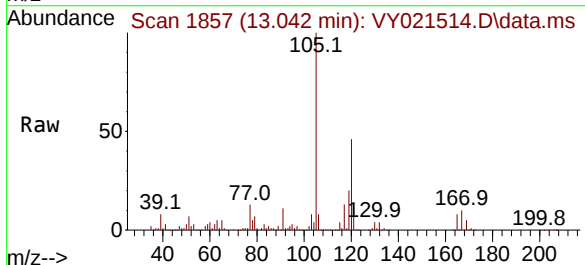
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

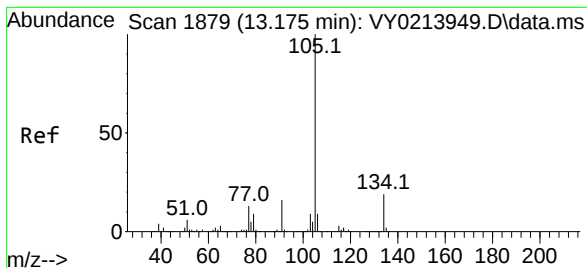
Tgt Ion:	119	Resp:	366641
Ion	Ratio	Lower	Upper
119	100		
91	65.6	33.2	99.6
134	26.8	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.816 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

Tgt Ion:	105	Resp:	424942
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 44.650 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

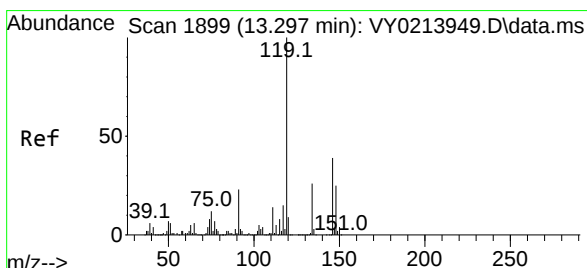
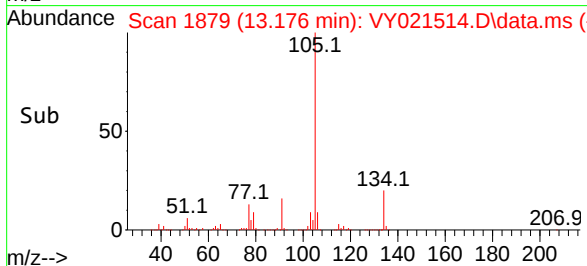
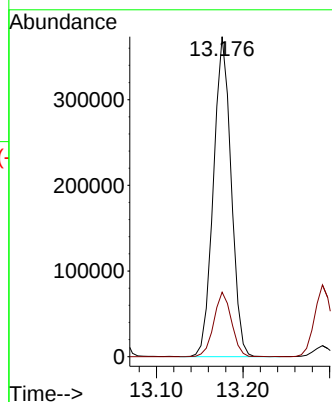
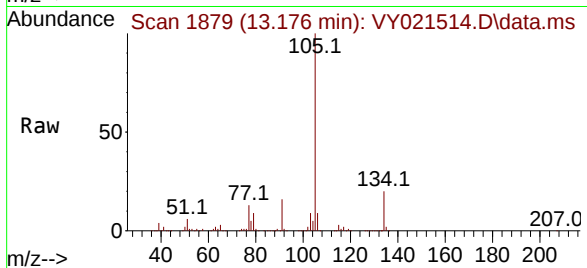
VSTDCCC050EC

Tgt Ion:105 Resp: 530456

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 44.035 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

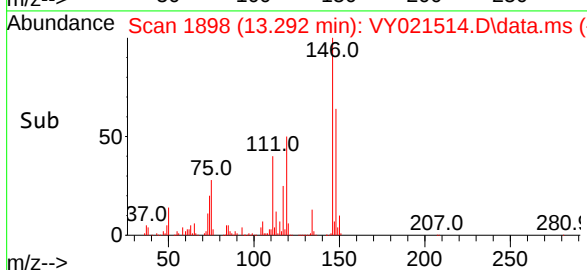
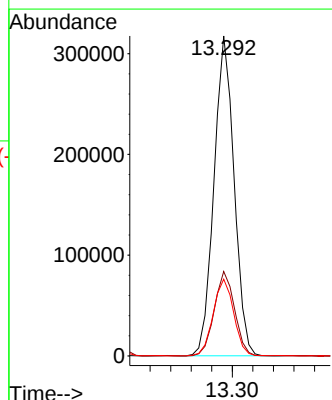
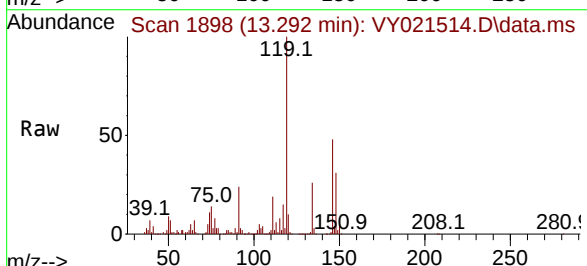
Tgt Ion:119 Resp: 430997

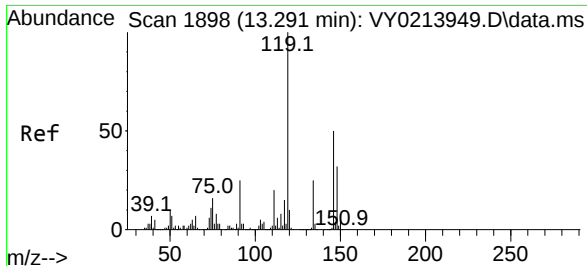
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 24.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.515 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

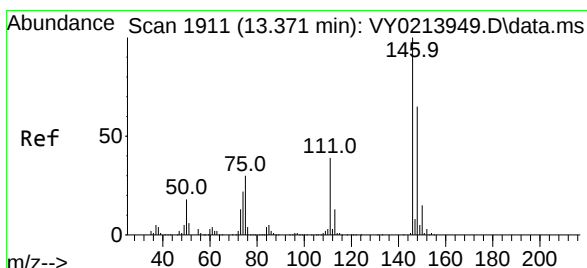
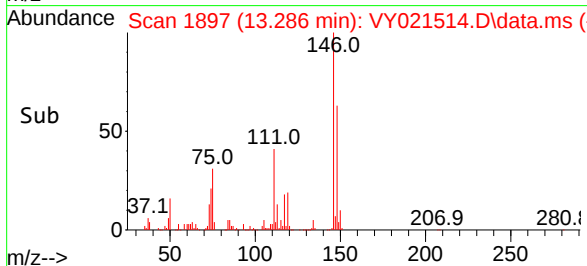
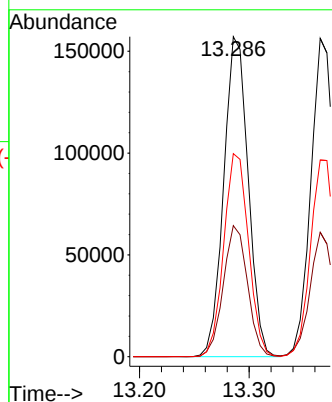
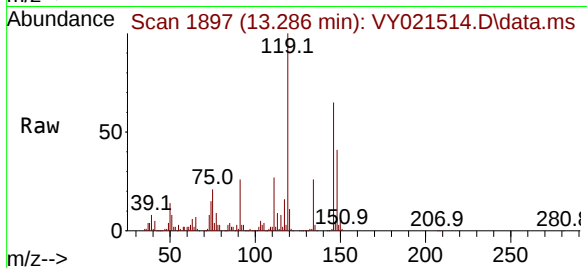
Tgt Ion:146 Resp: 243711

Ion Ratio Lower Upper

146 100

111 40.6 20.0 60.0

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.487 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

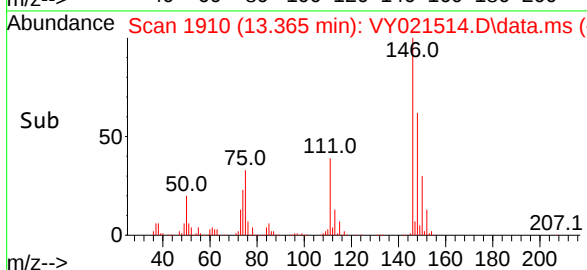
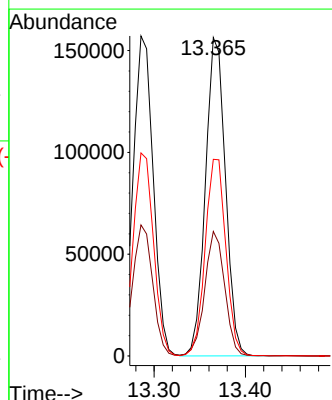
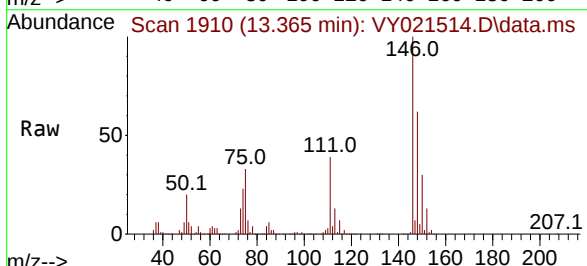
Tgt Ion:146 Resp: 238205

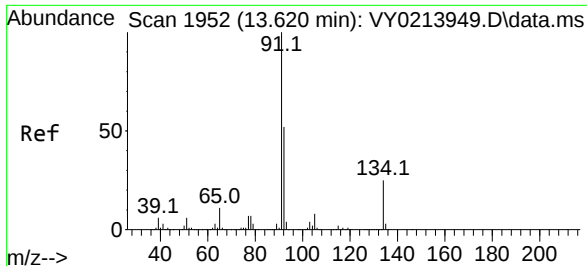
Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.8

148 64.0 32.3 96.8





#89

n-Butylbenzene

Concen: 43.245 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021514.D

Acq: 12 Mar 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

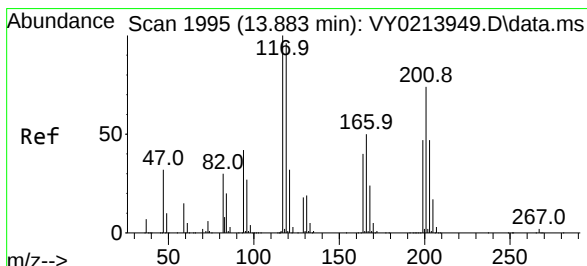
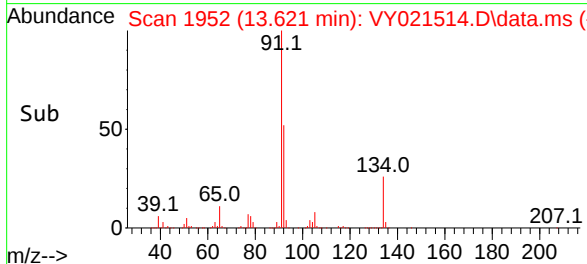
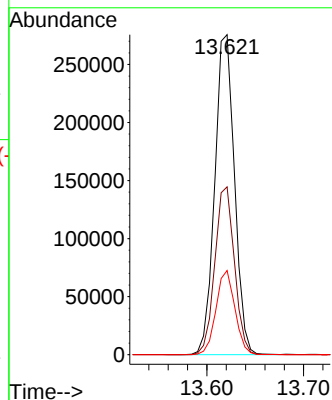
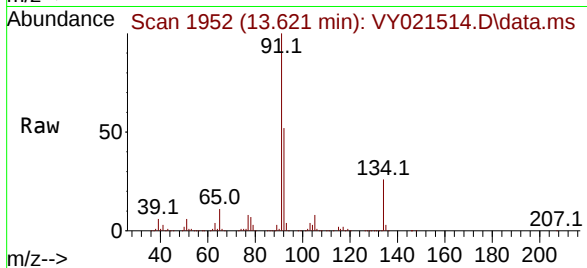
Tgt Ion: 91 Resp: 390848

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.3

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 46.193 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021514.D

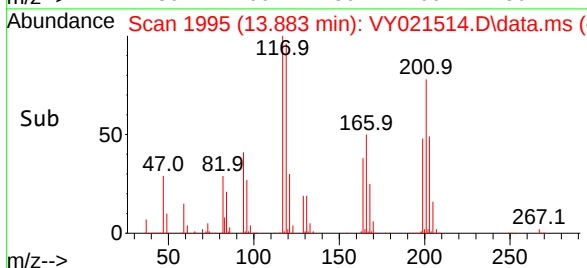
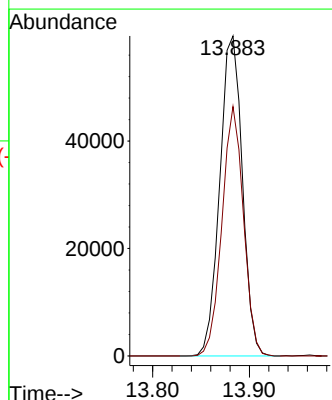
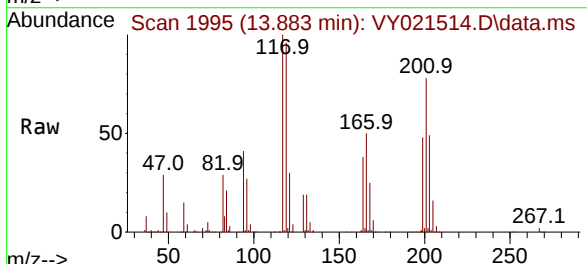
Acq: 12 Mar 2025 17:05

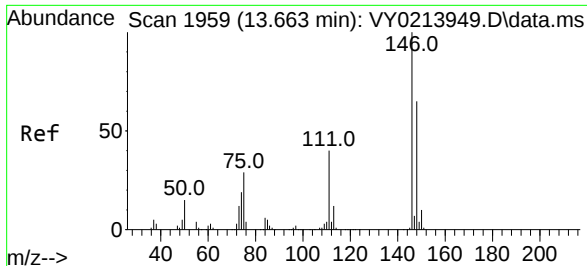
Tgt Ion: 117 Resp: 96451

Ion Ratio Lower Upper

117 100

201 74.2 37.4 112.2

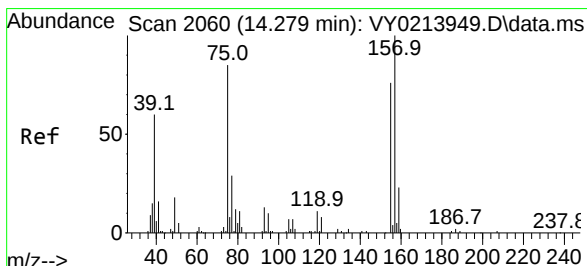
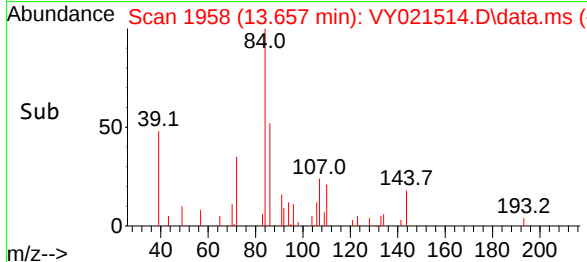
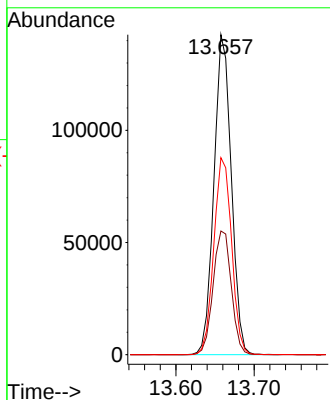
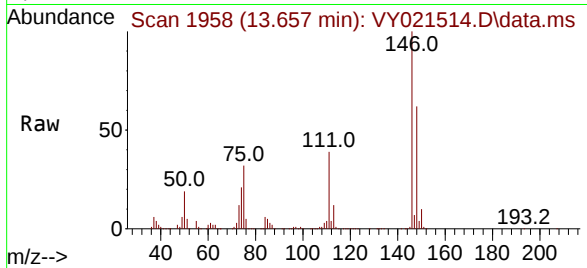




#91
1,2-Dichlorobenzene
Concen: 49.961 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

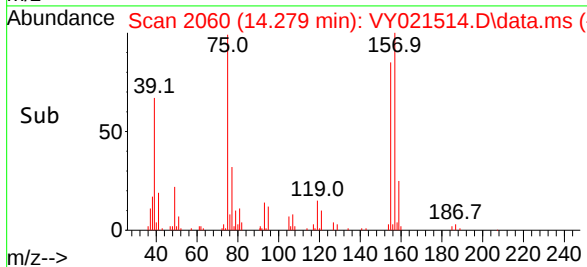
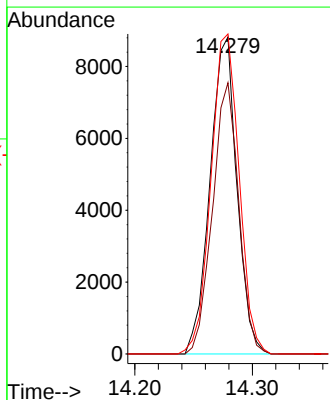
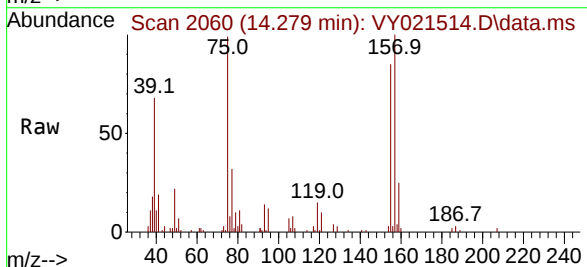
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

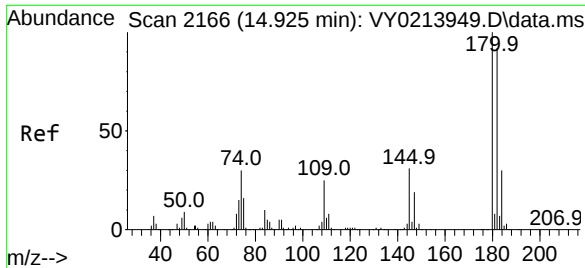
Tgt Ion:146 Resp: 219635
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.2 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.230 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion: 75 Resp: 14042
Ion Ratio Lower Upper
75 100
155 83.2 43.5 130.5
157 105.4 54.4 163.2

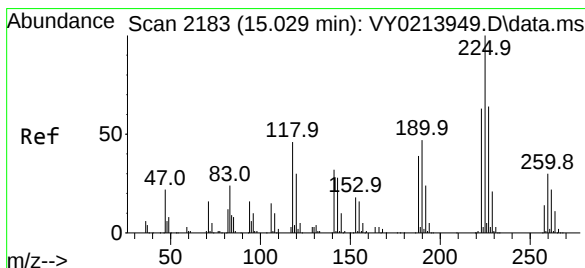
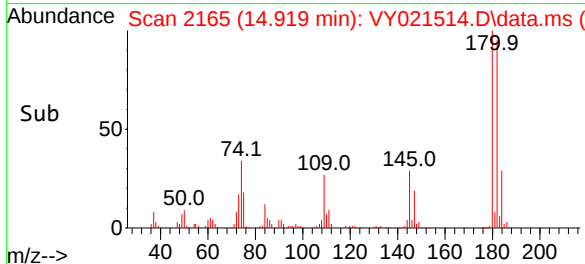
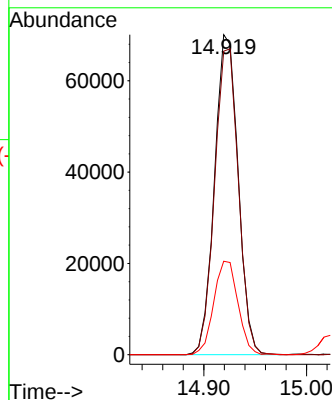
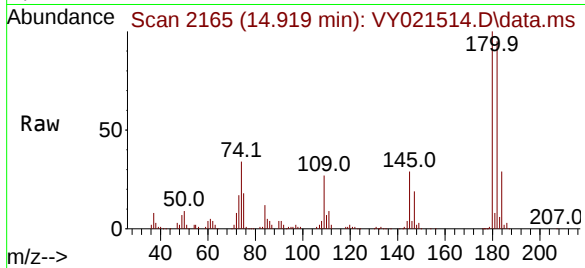




#93
 1,2,4-Trichlorobenzene
 Concen: 46.438 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

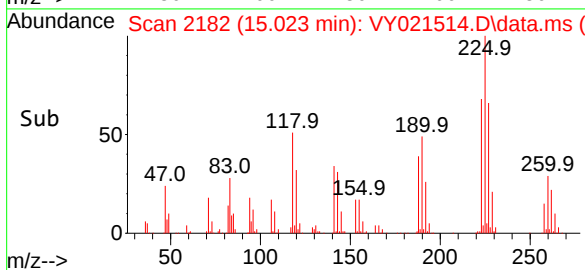
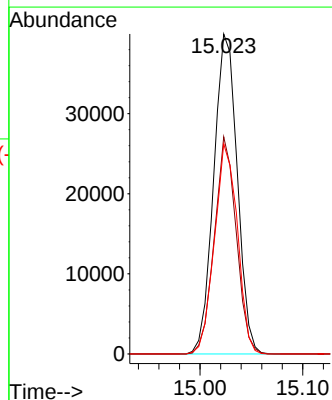
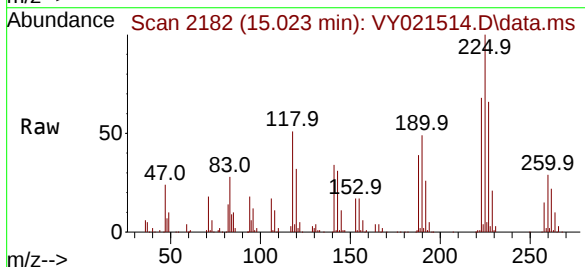
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

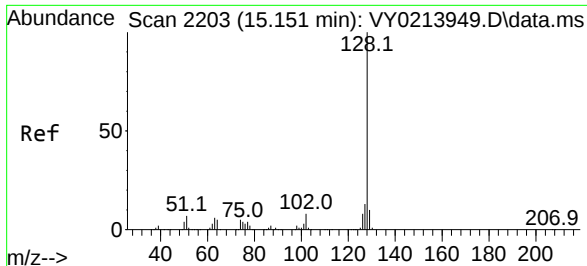
Tgt Ion:180 Resp: 111506
 Ion Ratio Lower Upper
 180 100
 182 96.7 46.7 140.0
 145 30.0 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 42.252 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021514.D
 Acq: 12 Mar 2025 17:05

Tgt Ion:225 Resp: 63597
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.4 94.2
 227 63.9 31.8 95.4

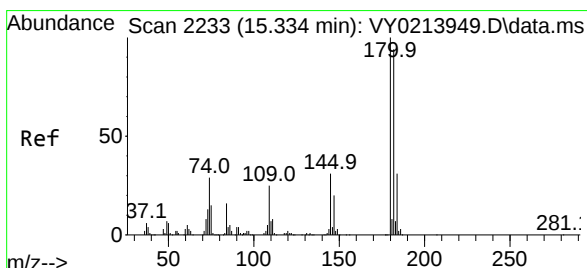
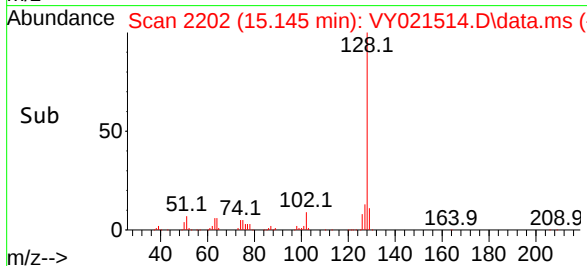
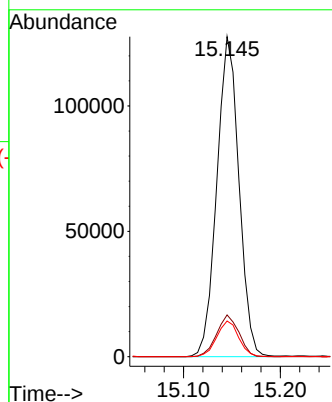
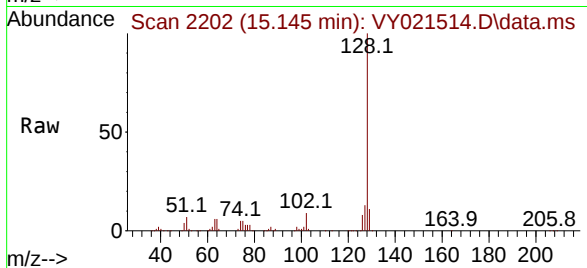




#95
Naphthalene
Concen: 49.904 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 202480
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.225 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021514.D
Acq: 12 Mar 2025 17:05

Tgt Ion:180 Resp: 99410
Ion Ratio Lower Upper
180 100
182 94.7 47.2 141.6
145 32.6 16.4 49.1

