

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021590.D
 Acq On : 21 Mar 2025 11:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 23:09:24 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	228826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	353841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	309828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	159693	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	125167	51.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.500%	
35) Dibromofluoromethane	7.634	113	124125	53.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.740%	
50) Toluene-d8	10.109	98	455395	51.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	12.408	95	156684	52.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89775	42.753	ug/l	99
3) Chloromethane	2.068	50	131600	44.452	ug/l	98
4) Vinyl Chloride	2.202	62	160130	49.495	ug/l	98
5) Bromomethane	2.592	94	104873	44.851	ug/l	100
6) Chloroethane	2.732	64	112878	52.796	ug/l	97
7) Trichlorofluoromethane	3.056	101	223116	49.409	ug/l	97
8) Diethyl Ether	3.452	74	58296	46.584	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	121975	47.310	ug/l	100
10) Methyl Iodide	4.000	142	134275	51.236	ug/l	99
11) Tert butyl alcohol	4.860	59	39641	252.298	ug/l	99
12) 1,1-Dichloroethene	3.787	96	109707	46.673	ug/l	97
13) Acrolein	3.647	56	4579	37.223	ug/l	92
14) Allyl chloride	4.385	41	180489	47.515	ug/l	99
15) Acrylonitrile	5.055	53	130487	244.945	ug/l	100
16) Acetone	3.860	43	133300	252.697	ug/l	93
17) Carbon Disulfide	4.104	76	314412	42.681	ug/l	99
18) Methyl Acetate	4.378	43	73276	62.605	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	289259	48.553	ug/l	96
20) Methylene Chloride	4.610	84	120828	43.636	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	123796	47.028	ug/l	95
22) Diisopropyl ether	6.018	45	397652	48.575	ug/l	96
23) Vinyl Acetate	5.957	43	1093152	233.981	ug/l	100
24) 1,1-Dichloroethane	5.915	63	233229	48.272	ug/l	99
25) 2-Butanone	6.890	43	181869	249.237	ug/l	98
26) 2,2-Dichloropropane	6.884	77	212231	47.740	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	146196	48.887	ug/l	97
28) Bromochloromethane	7.244	49	101845	50.280	ug/l	99
29) Tetrahydrofuran	7.256	42	109557	243.199	ug/l	100
30) Chloroform	7.421	83	241842	48.204	ug/l	97
31) Cyclohexane	7.701	56	197306	43.559	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	222440	48.422	ug/l	99
36) 1,1-Dichloropropene	7.835	75	169883	46.662	ug/l	98
37) Ethyl Acetate	6.982	43	75778	47.092	ug/l	99
38) Carbon Tetrachloride	7.817	117	201809	48.198	ug/l	100
39) Methylcyclohexane	9.109	83	208642	46.721	ug/l	99
40) Benzene	8.079	78	511406	47.685	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	49745	56.775	ug/l	91
42) 1,2-Dichloroethane	8.158	62	140981	46.990	ug/l	100
43) Isopropyl Acetate	8.195	43	148130	47.421	ug/l #	88
44) Trichloroethene	8.865	130	133795	49.369	ug/l	99
45) 1,2-Dichloropropane	9.140	63	123989	48.576	ug/l	97
46) Dibromomethane	9.231	93	68972	48.564	ug/l	99
47) Bromodichloromethane	9.420	83	184960	49.040	ug/l	99
48) Methyl methacrylate	9.219	41	68921	48.049	ug/l	98
49) 1,4-Dioxane	9.225	88	15368	1102.445	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	401106	248.864	ug/l	100
52) Toluene	10.170	92	332066	49.112	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	164257	49.432	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	195588	49.577	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	90161	48.531	ug/l	97
56) Ethyl methacrylate	10.438	69	120211	50.736	ug/l	98
57) 1,3-Dichloropropane	10.719	76	156412	48.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	302087	276.195	ug/l	99
59) 2-Hexanone	10.761	43	271613	254.862	ug/l	99
60) Dibromochloromethane	10.914	129	126377	49.620	ug/l	99
61) 1,2-Dibromoethane	11.018	107	85510	48.769	ug/l	98
64) Tetrachloroethene	10.646	164	136129	54.032	ug/l	97
65) Chlorobenzene	11.444	112	354247	48.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	127101	49.136	ug/l	99
67) Ethyl Benzene	11.517	91	638617	49.729	ug/l	99
68) m/p-Xylenes	11.627	106	485256	99.531	ug/l	100
69) o-Xylene	11.956	106	226972	50.513	ug/l	100
70) Styrene	11.969	104	385437	51.707	ug/l	99
71) Bromoform	12.133	173	74116	51.256	ug/l #	100
73) Isopropylbenzene	12.255	105	614615	48.859	ug/l	99
74) N-amyl acetate	12.072	43	132967	48.672	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	100959	45.480	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	77040m	47.875	ug/l	
77) Bromobenzene	12.536	156	139060	47.252	ug/l	98
78) n-propylbenzene	12.597	91	742193	48.581	ug/l	100
79) 2-Chlorotoluene	12.682	91	413081	47.287	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	504342	49.335	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	33009	46.632	ug/l	95
82) 4-Chlorotoluene	12.779	91	422472	46.704	ug/l	99
83) tert-Butylbenzene	12.999	119	443848	48.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	502266	49.484	ug/l	99
85) sec-Butylbenzene	13.176	105	660880	48.706	ug/l	99
86) p-Isopropyltoluene	13.292	119	552355	49.412	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	279836	47.769	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	276591	48.278	ug/l	98
89) n-Butylbenzene	13.621	91	518028	50.185	ug/l	99
90) Hexachloroethane	13.883	117	114788	48.134	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	244196	48.636	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15361	46.195	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	139915	51.019	ug/l	99
94) Hexachlorobutadiene	15.029	225	85565	49.774	ug/l	99
95) Naphthalene	15.145	128	229369	49.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	115717	50.170	ug/l	100

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ClientSampleId :
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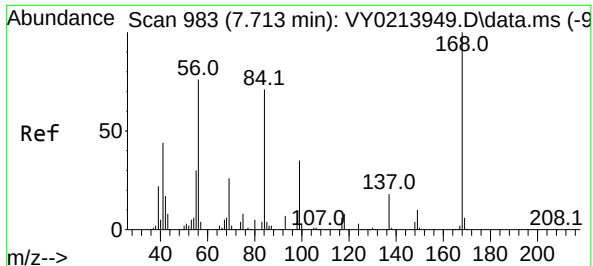
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QLast Update : Wed Mar 05 12:42:45 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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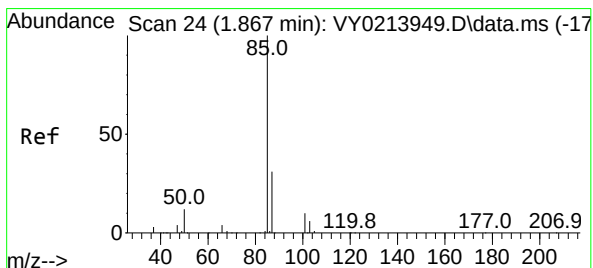
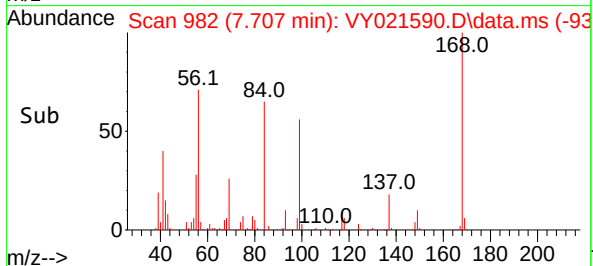
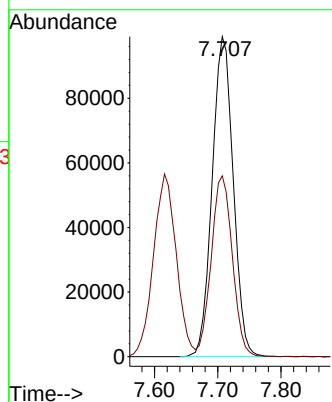
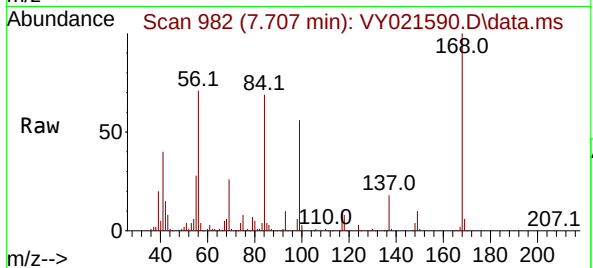




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

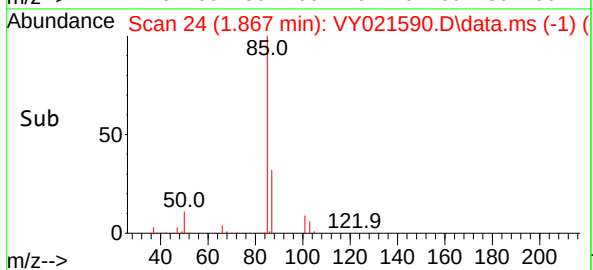
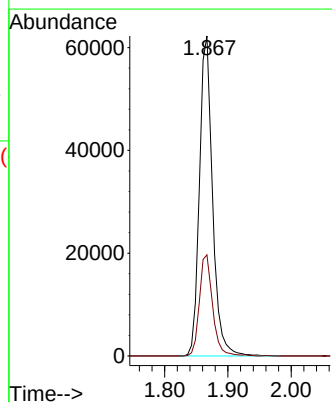
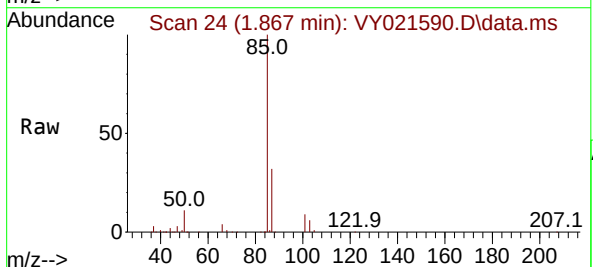
Instrument :
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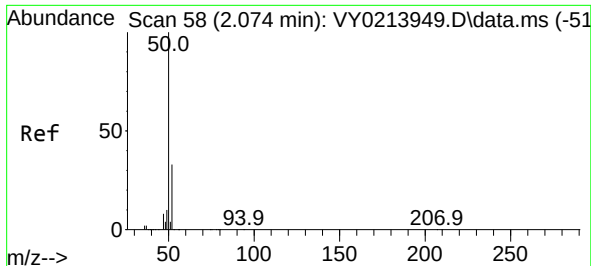
Tgt Ion:168 Resp: 228826
Ion Ratio Lower Upper
168 100
99 56.4 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 42.753 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 85 Resp: 89775
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0

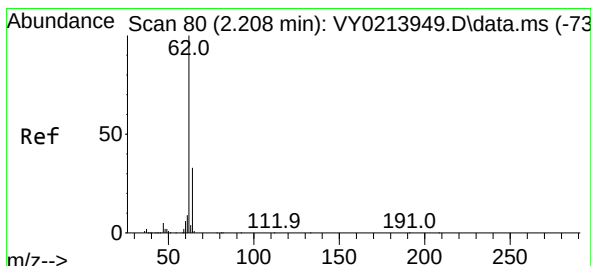
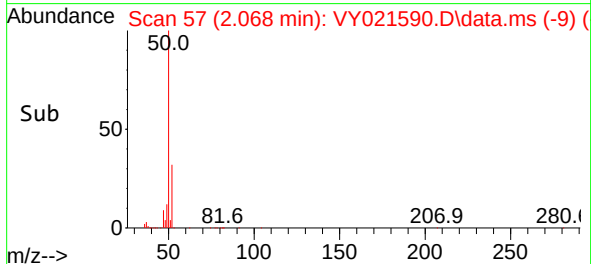
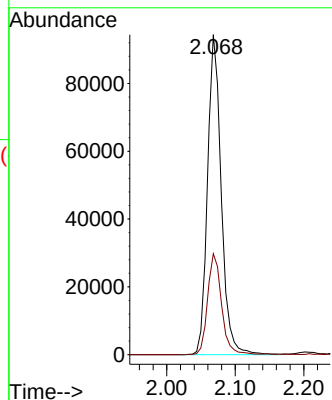
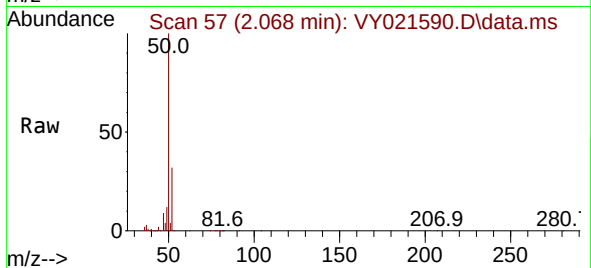




#3
Chloromethane
Concen: 44.452 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

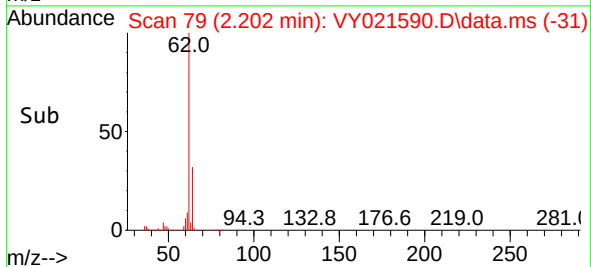
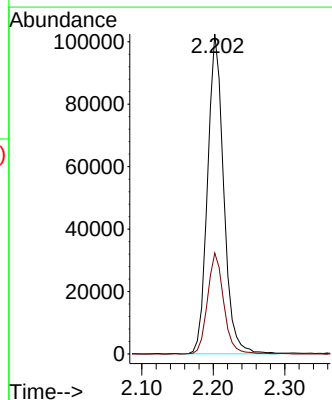
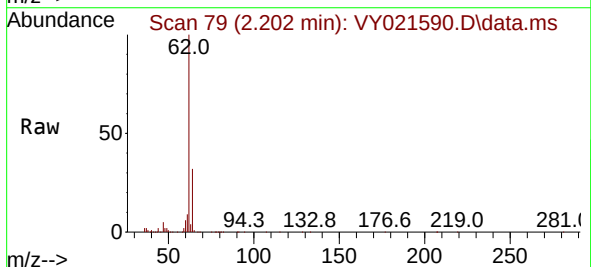
Instrument :
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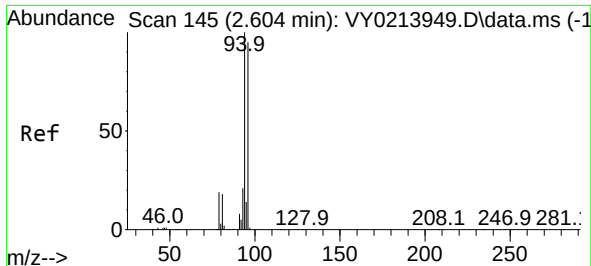
Tgt Ion: 50 Resp: 131600
Ion Ratio Lower Upper
50 100
52 31.6 26.2 39.2



#4
Vinyl Chloride
Concen: 49.495 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 62 Resp: 160130
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

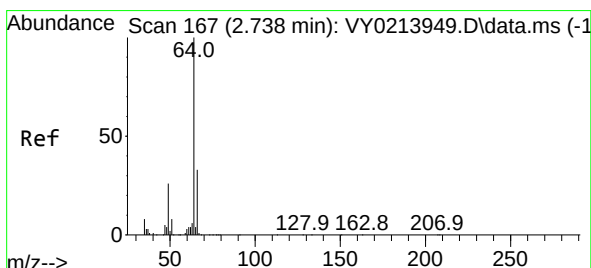
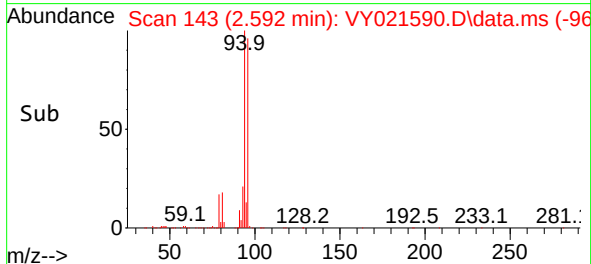
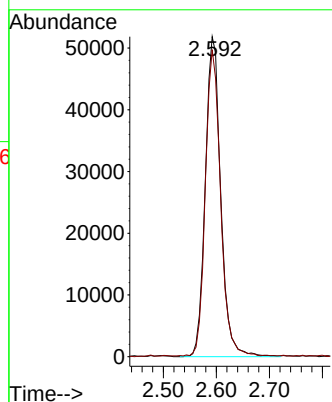
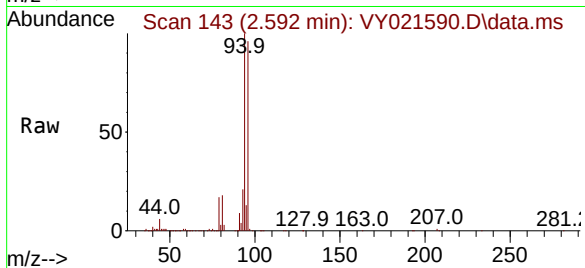




#5
Bromomethane
Concen: 44.851 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

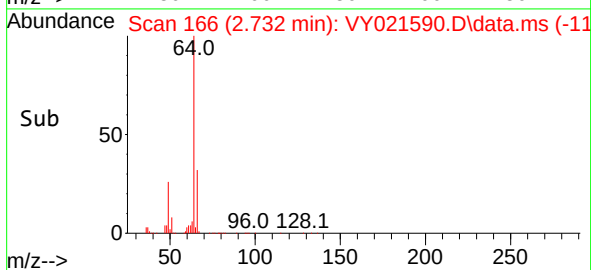
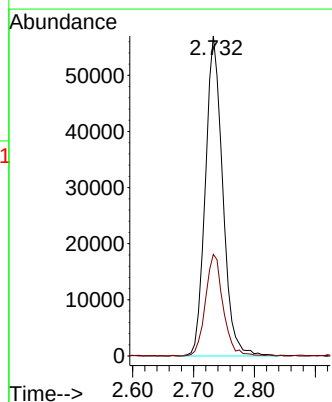
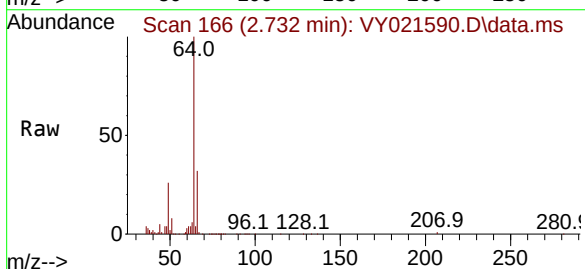
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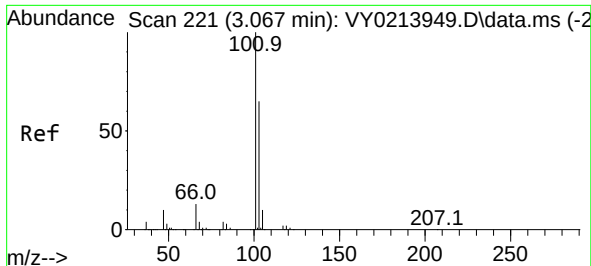
Tgt Ion: 94 Resp: 104873
Ion Ratio Lower Upper
94 100
96 95.7 76.3 114.5



#6
Chloroethane
Concen: 52.796 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 64 Resp: 112878
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1

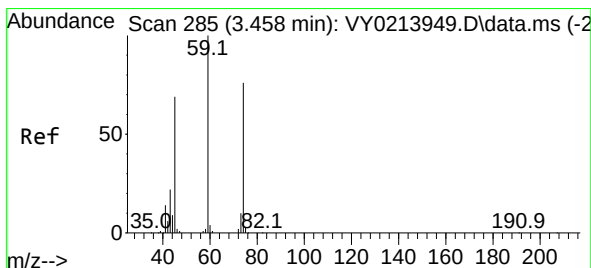
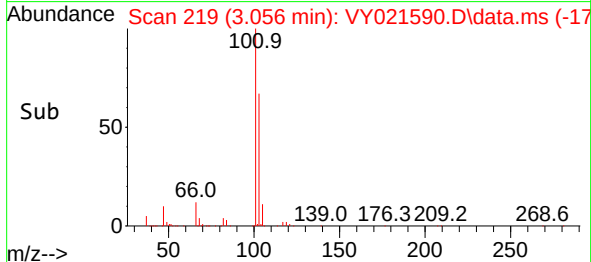
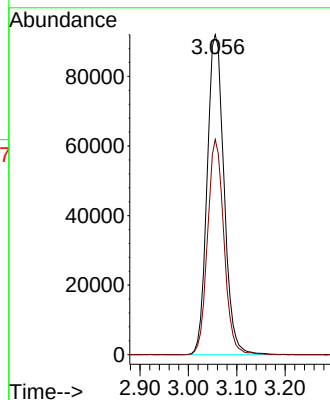
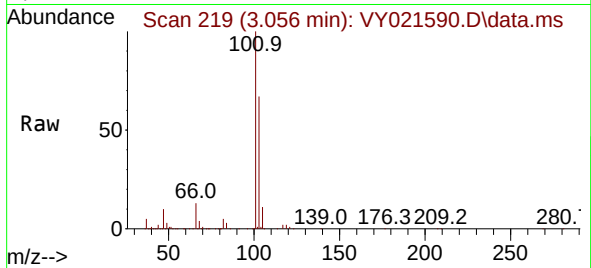




#7
Trichlorofluoromethane
Concen: 49.409 ug/l
RT: 3.056 min Scan# 211
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

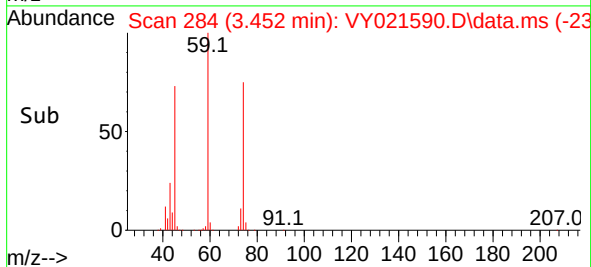
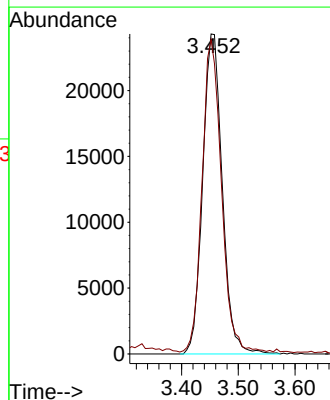
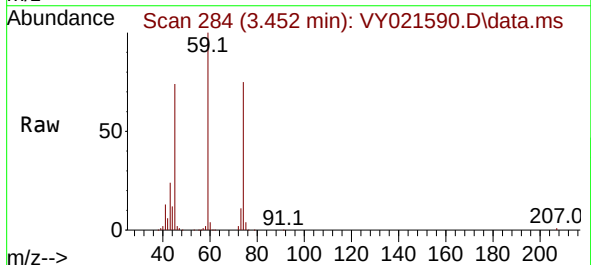
Instrument :
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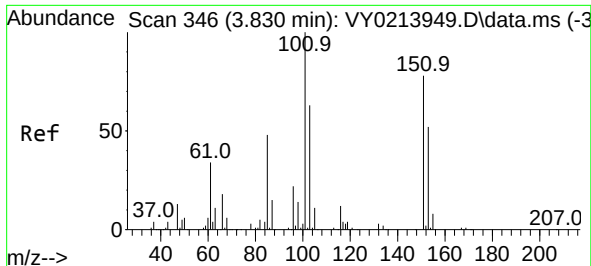
Tgt Ion:101 Resp: 223116
Ion Ratio Lower Upper
101 100
103 67.3 51.7 77.5



#8
Diethyl Ether
Concen: 46.584 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 74 Resp: 58296
Ion Ratio Lower Upper
74 100
45 96.1 49.7 149.1

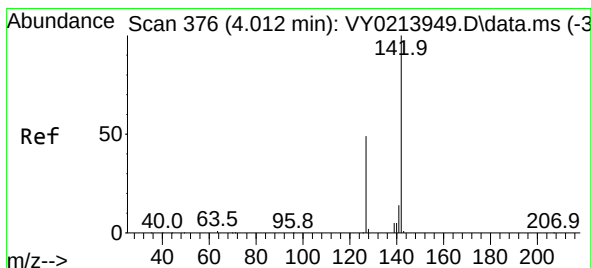
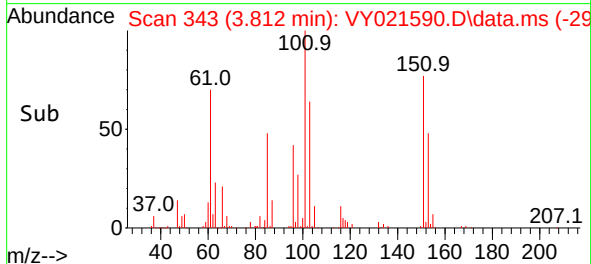
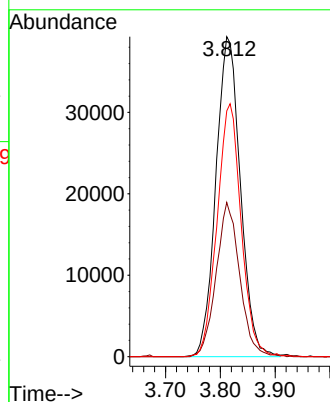
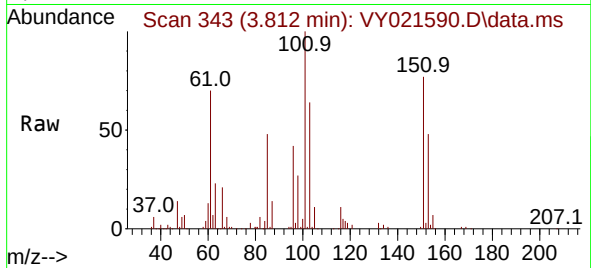




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.310 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
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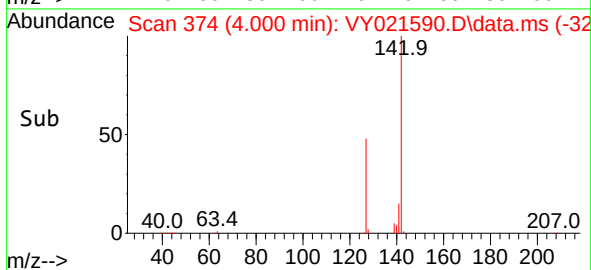
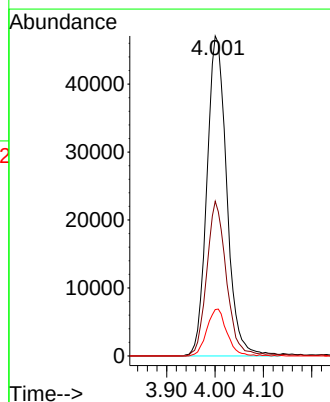
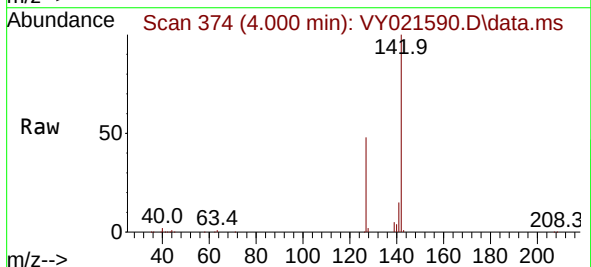
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

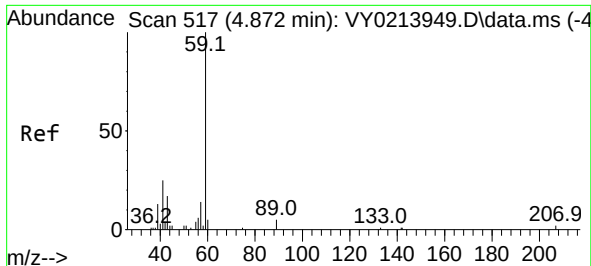
Tgt Ion:101 Resp: 121975
Ion Ratio Lower Upper
101 100
85 46.4 37.1 55.7
151 77.8 62.1 93.1



#10
Methyl Iodide
Concen: 51.236 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion:142 Resp: 134275
Ion Ratio Lower Upper
142 100
127 48.3 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 252.298 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

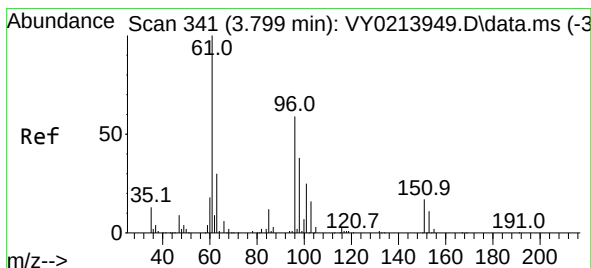
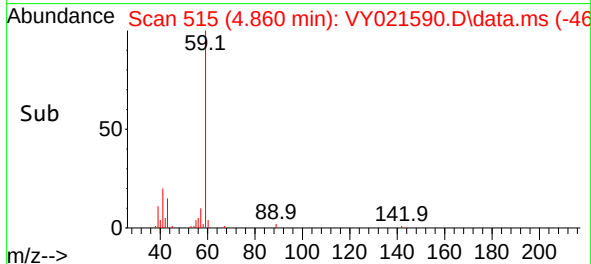
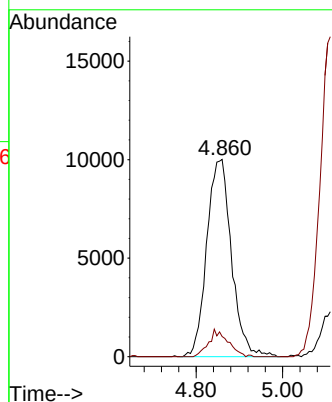
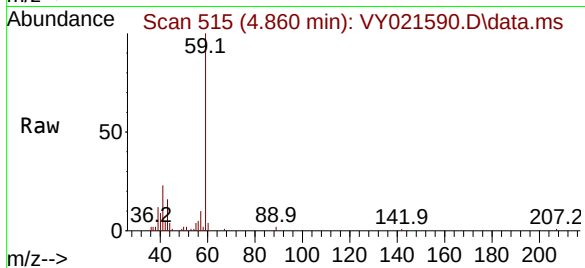
VSTDCCC050

Tgt Ion: 59 Resp: 39641

Ion Ratio Lower Upper

59 100

57 10.7 8.2 12.4



#12

1,1-Dichloroethene

Concen: 46.673 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

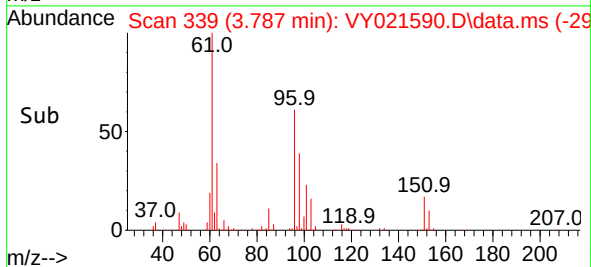
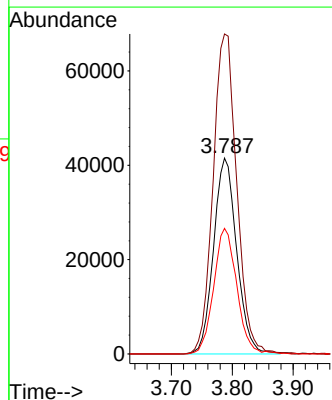
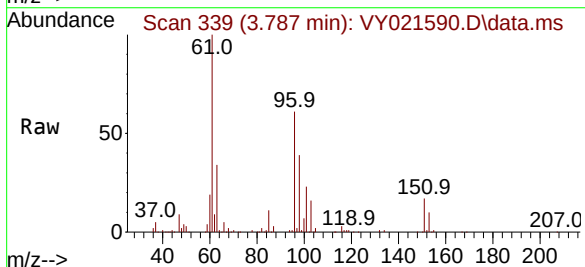
Tgt Ion: 96 Resp: 109707

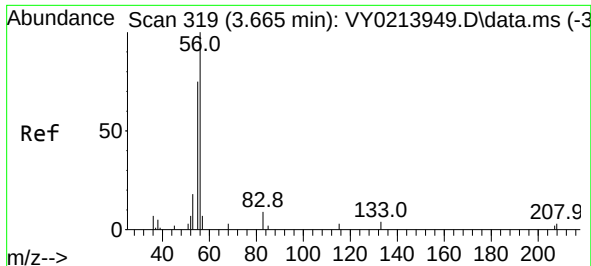
Ion Ratio Lower Upper

96 100

61 163.4 135.2 202.8

98 64.1 51.4 77.2

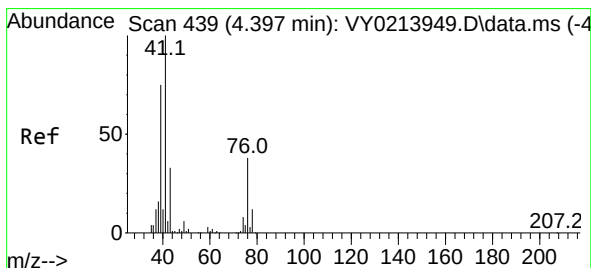
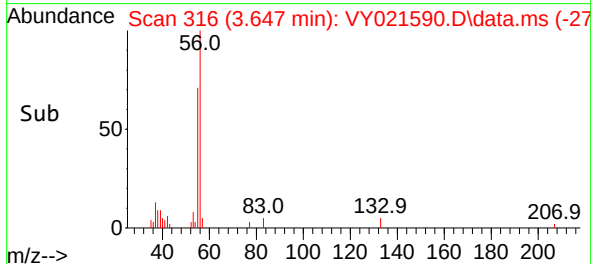
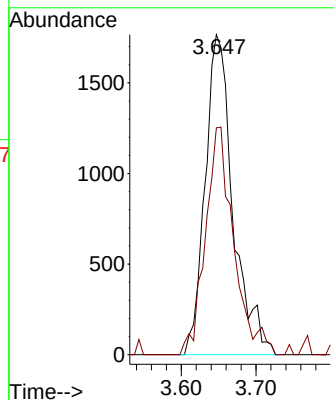
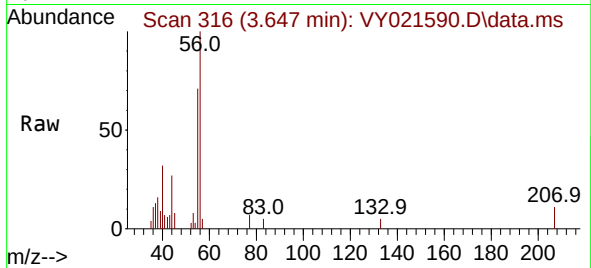




#13
Acrolein
Concen: 37.223 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

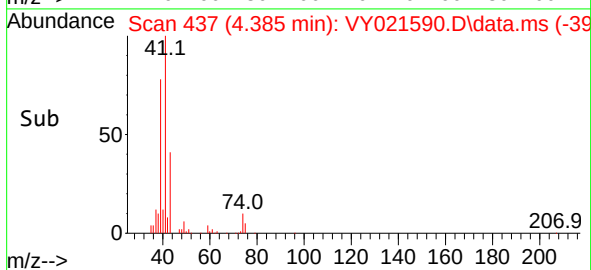
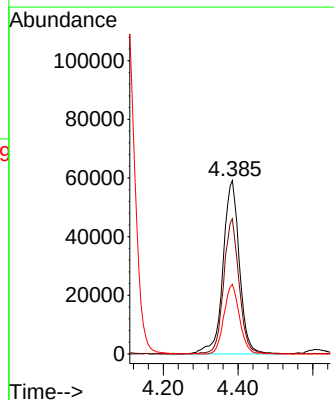
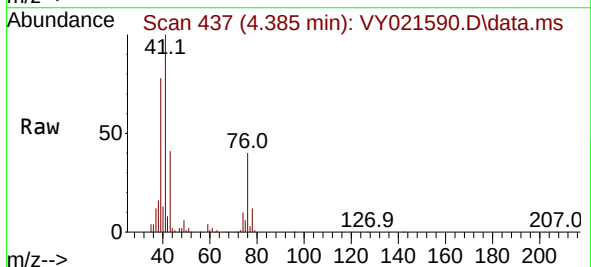
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

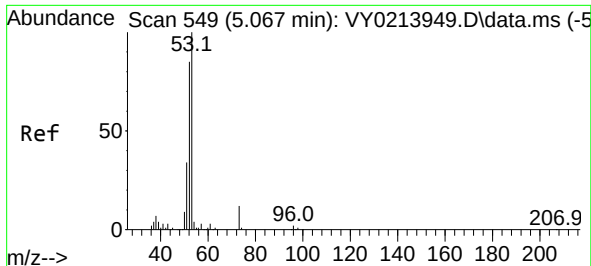
Tgt Ion: 56 Resp: 4579
Ion Ratio Lower Upper
56 100
55 72.0 63.4 95.2



#14
Allyl chloride
Concen: 47.515 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 41 Resp: 180489
Ion Ratio Lower Upper
41 100
39 73.5 59.3 88.9
76 37.9 29.8 44.8

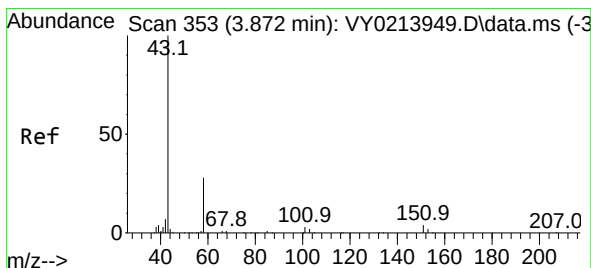
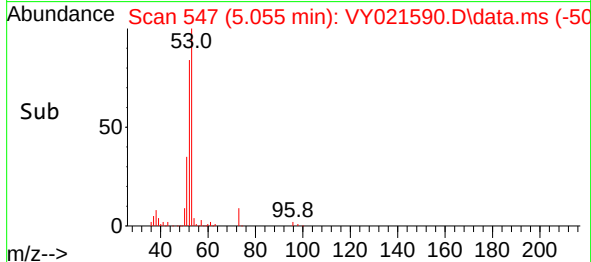
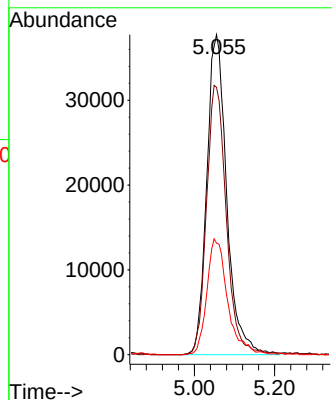
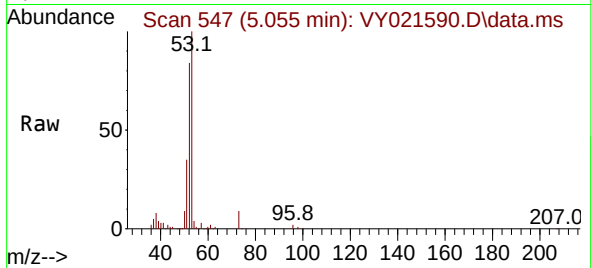




#15
Acrylonitrile
Concen: 244.945 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

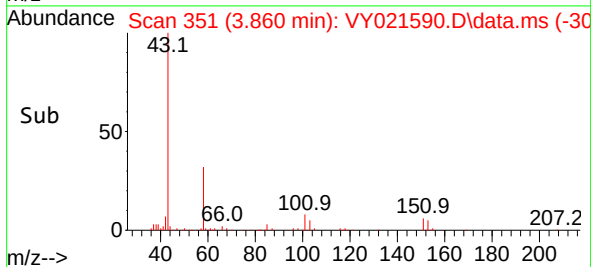
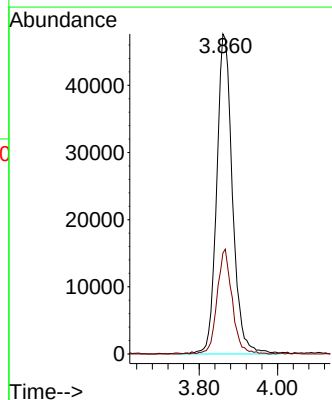
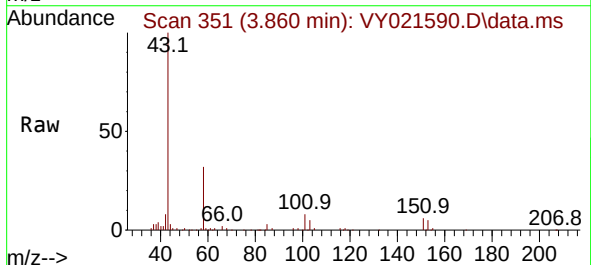
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

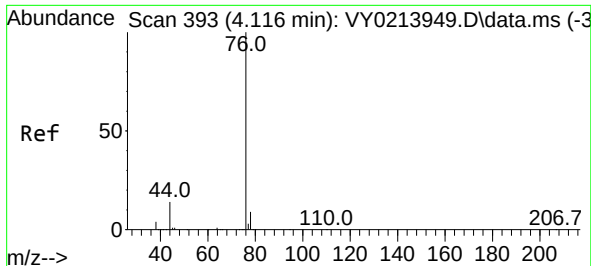
Tgt Ion: 53 Resp: 130487
Ion Ratio Lower Upper
53 100
52 83.1 66.3 99.5
51 37.7 30.3 45.5



#16
Acetone
Concen: 252.697 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 43 Resp: 133300
Ion Ratio Lower Upper
43 100
58 31.4 22.1 33.1

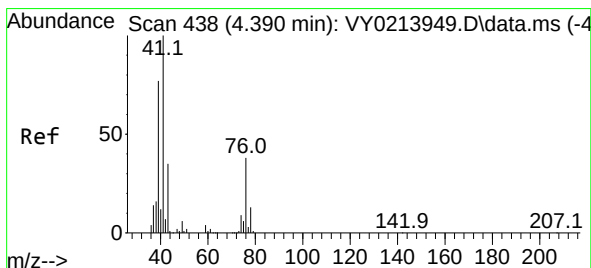
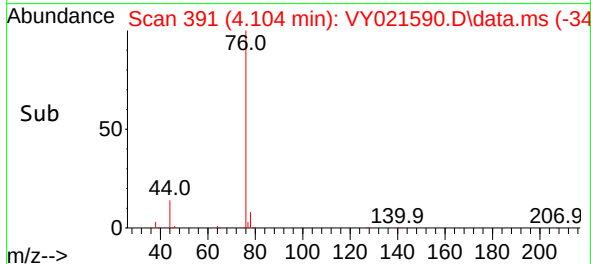
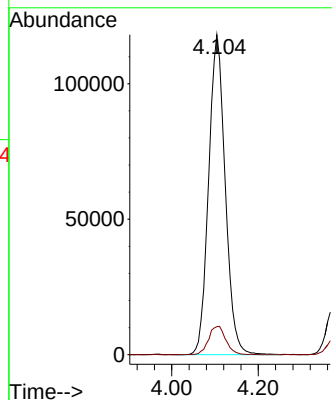
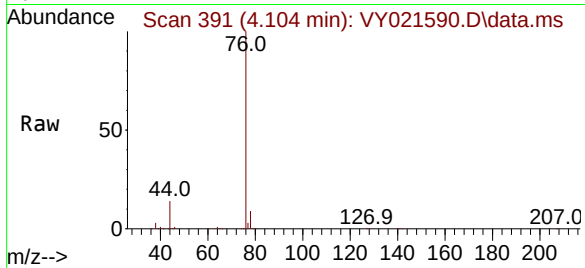




#17
Carbon Disulfide
Concen: 42.681 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

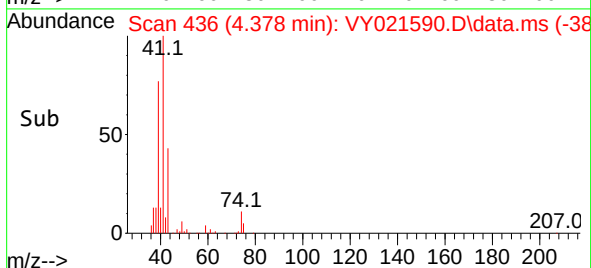
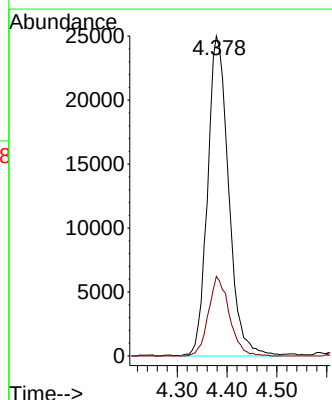
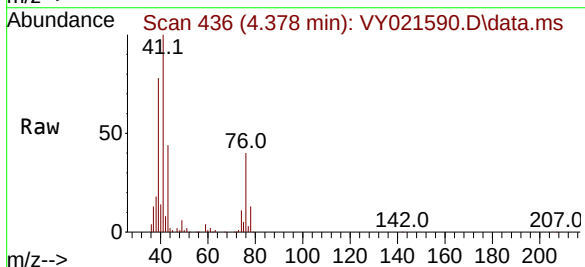
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

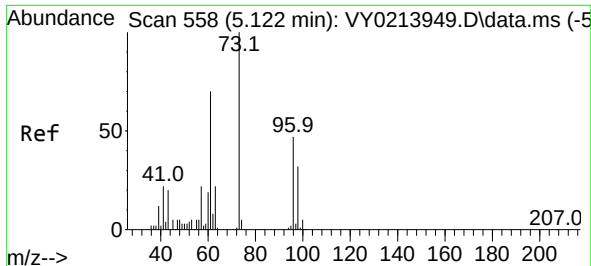
Tgt Ion: 76 Resp: 314412
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 62.605 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 43 Resp: 73276
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.0

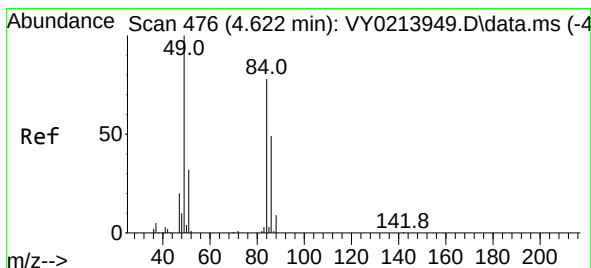
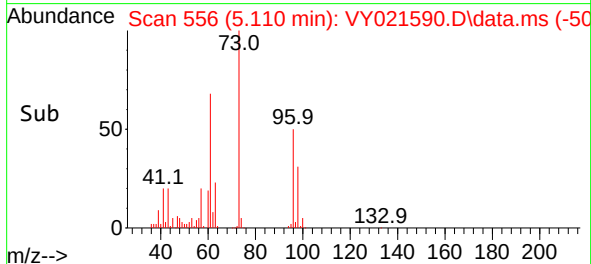
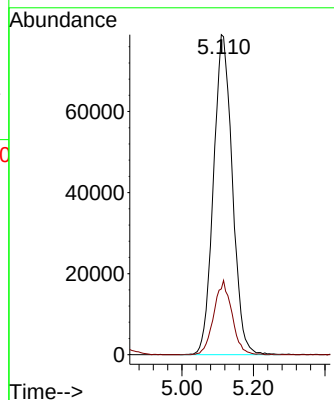
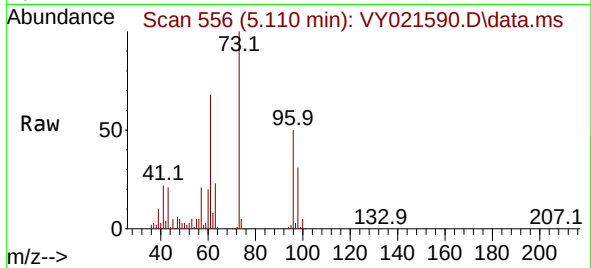




#19
Methyl tert-butyl Ether
Concen: 48.553 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

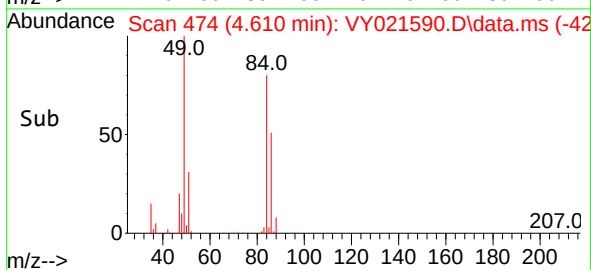
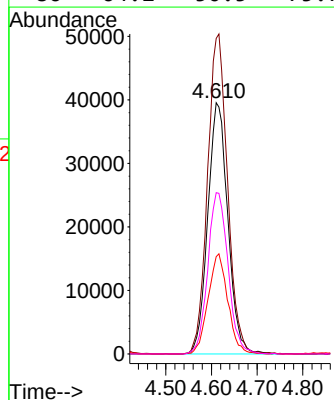
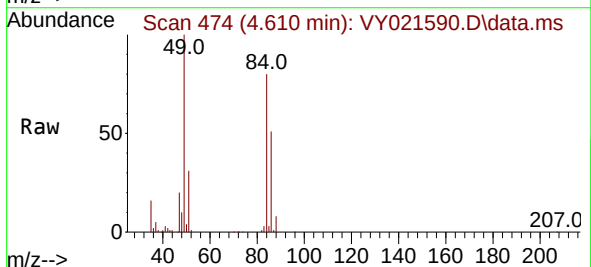
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

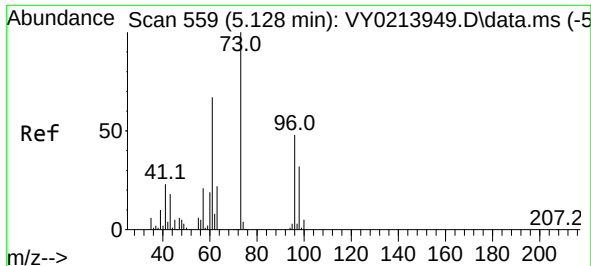
Tgt Ion: 73 Resp: 289259
Ion Ratio Lower Upper
73 100
57 20.6 17.9 26.9



#20
Methylene Chloride
Concen: 43.636 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 84 Resp: 120828
Ion Ratio Lower Upper
84 100
49 125.6 102.0 153.0
51 38.7 33.0 49.6
86 64.2 50.5 75.7

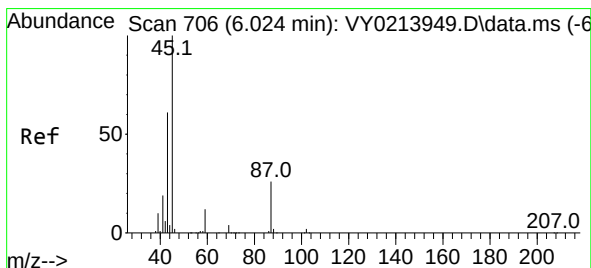
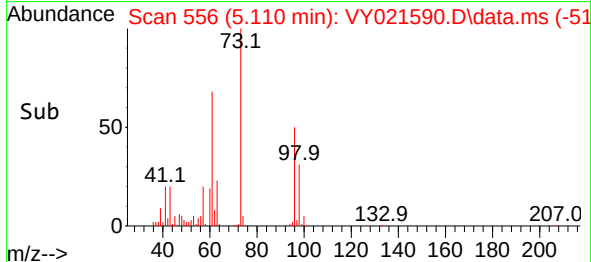
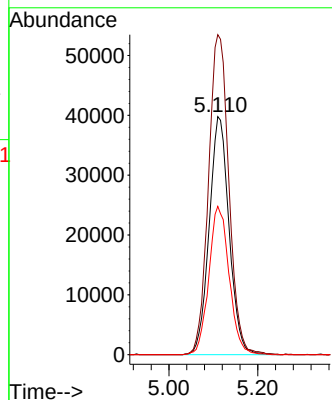
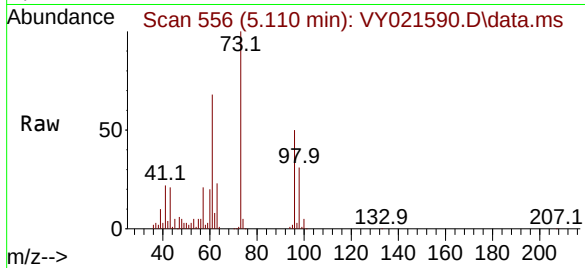




#21
trans-1,2-Dichloroethene
Concen: 47.028 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

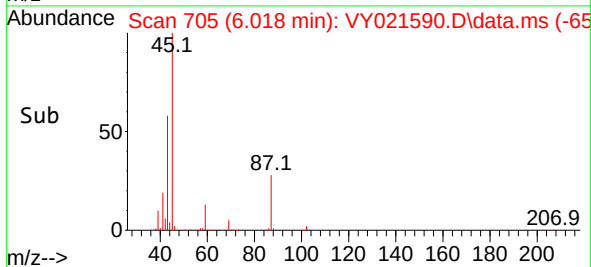
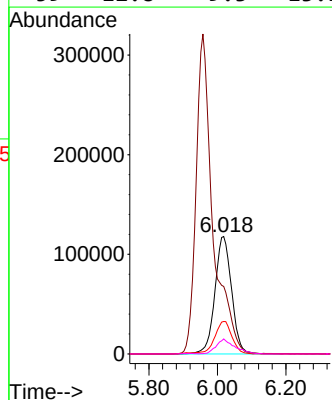
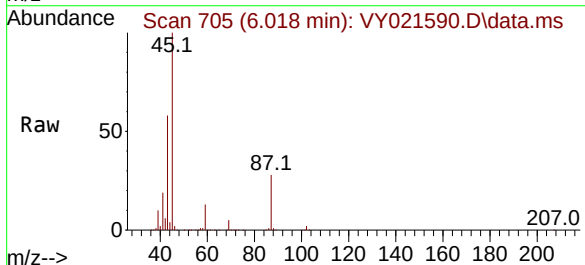
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

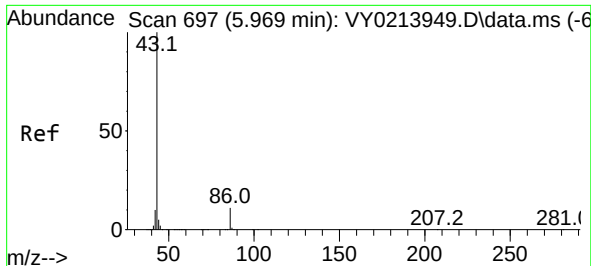
Tgt Ion: 96 Resp: 123796
Ion Ratio Lower Upper
96 100
61 134.4 111.5 167.3
98 62.3 53.8 80.8



#22
Diisopropyl ether
Concen: 48.575 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 45 Resp: 397652
Ion Ratio Lower Upper
45 100
43 57.3 48.7 73.1
87 27.7 21.5 32.3
59 12.8 9.3 13.9

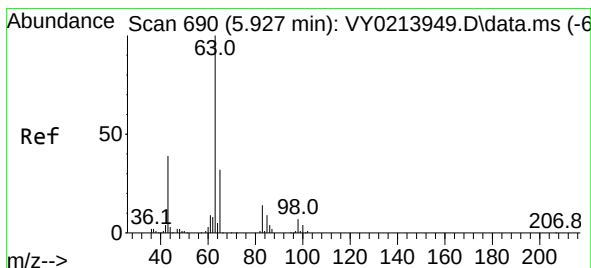
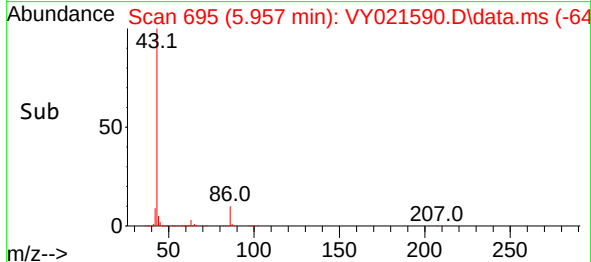
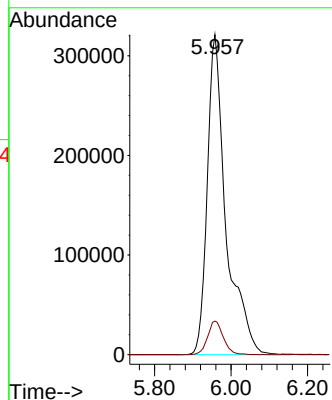
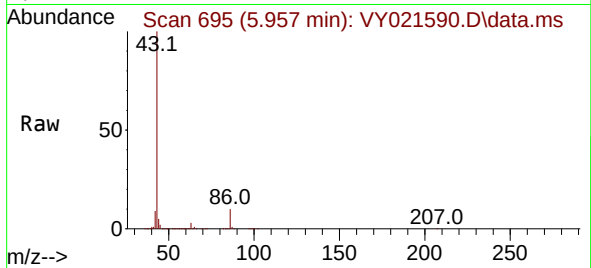




#23
 Vinyl Acetate
 Concen: 233.981 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

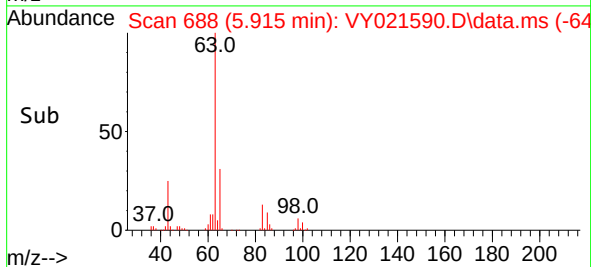
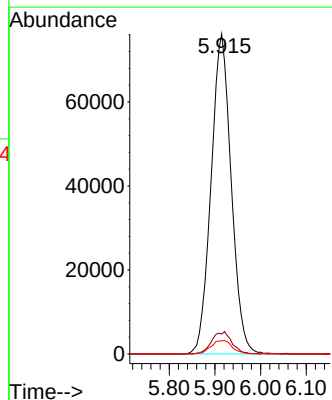
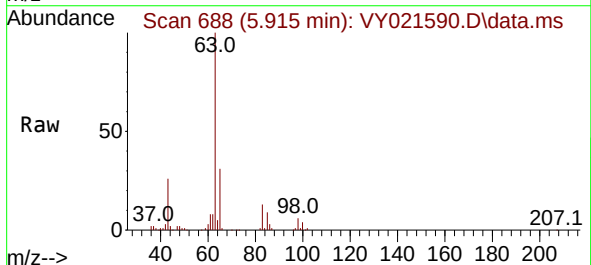
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

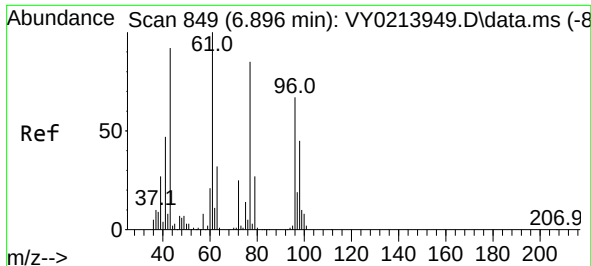
Tgt Ion: 43 Resp: 1093152
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 48.272 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

Tgt Ion: 63 Resp: 233229
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 249.237 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

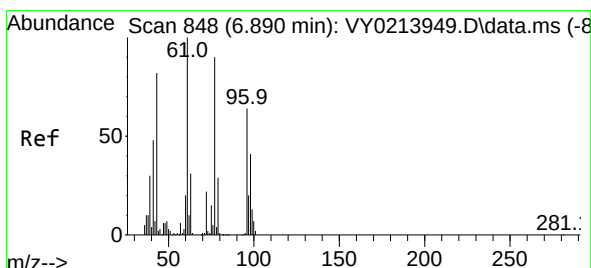
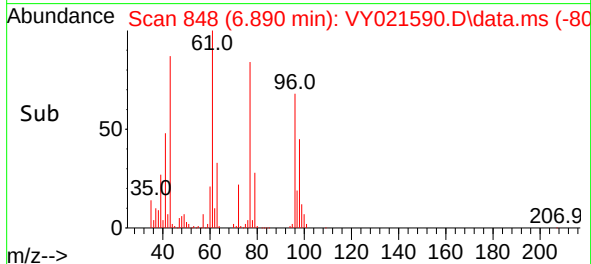
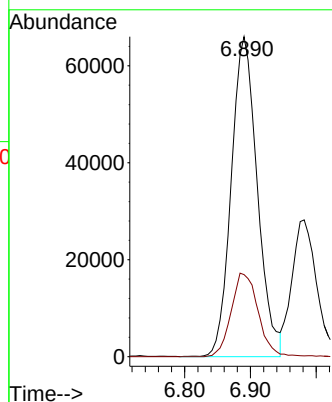
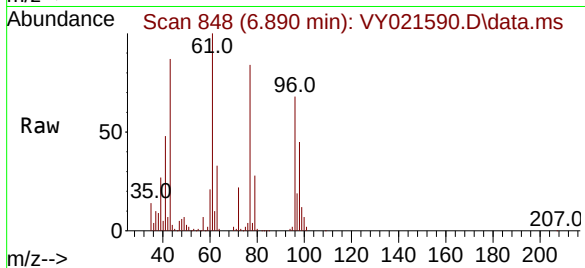
VSTDCCC050

Tgt Ion: 43 Resp: 181869

Ion Ratio Lower Upper

43 100

72 25.7 21.4 32.0



#26

2,2-Dichloropropane

Concen: 47.740 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021590.D

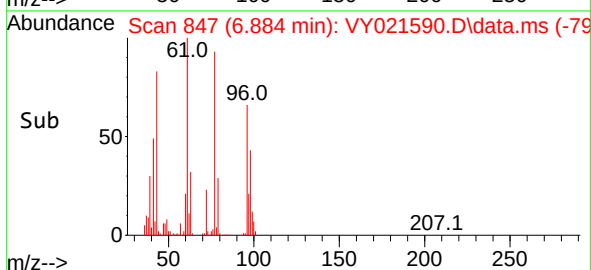
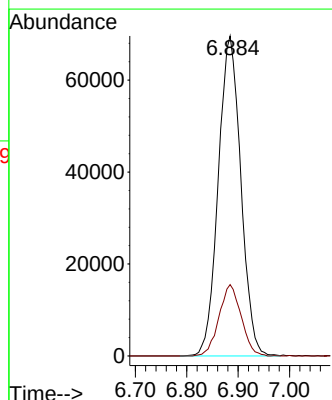
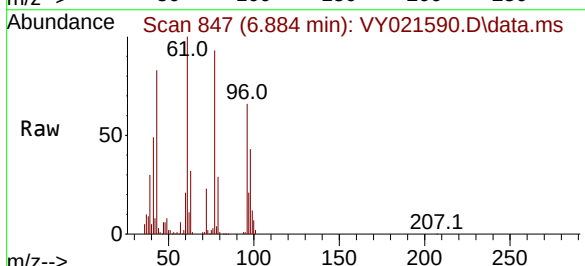
Acq: 21 Mar 2025 11:04

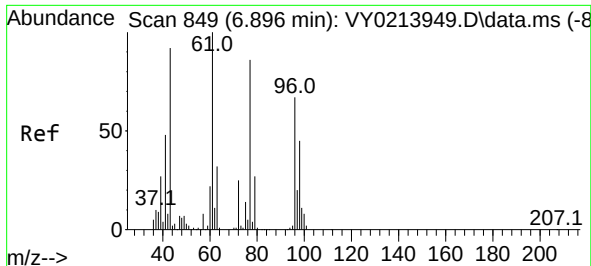
Tgt Ion: 77 Resp: 212231

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8

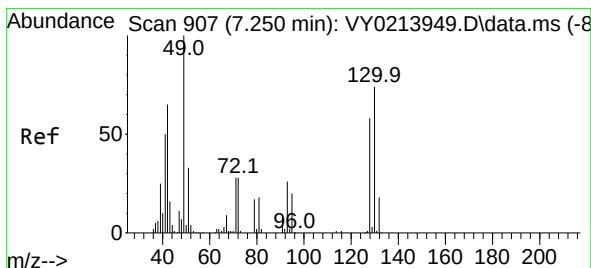
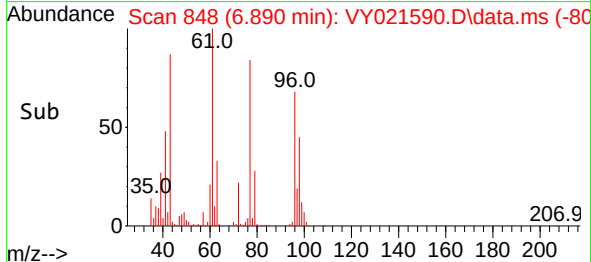
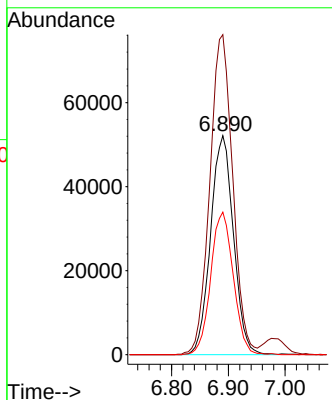
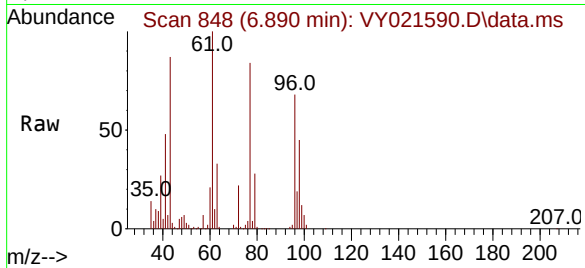




#27
 cis-1,2-Dichloroethene
 Concen: 48.887 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

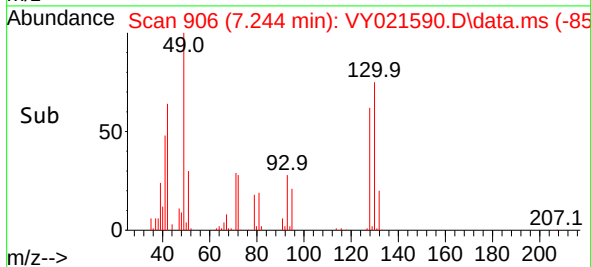
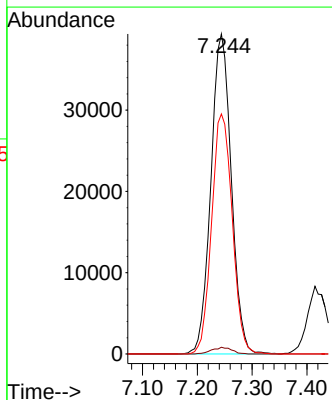
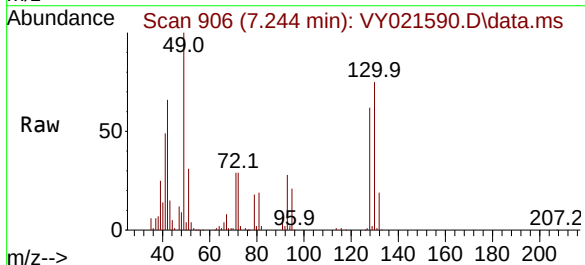
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

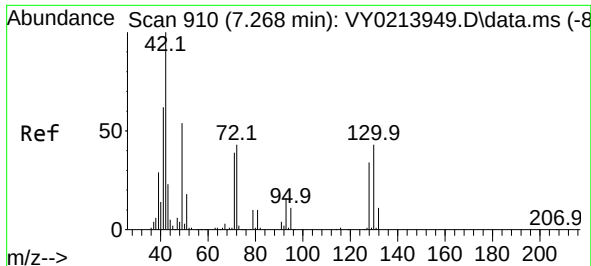
Tgt Ion: 96 Resp: 146196
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 300.8
 98 64.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 50.280 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

Tgt Ion: 49 Resp: 101845
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 75.7 59.6 89.4





#29

Tetrahydrofuran

Concen: 243.199 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

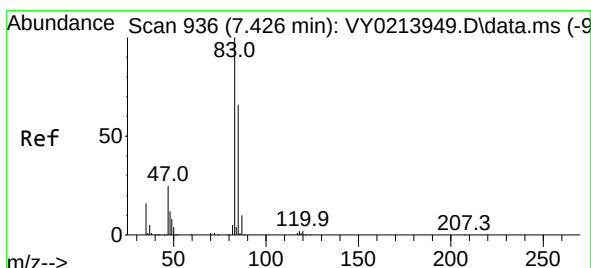
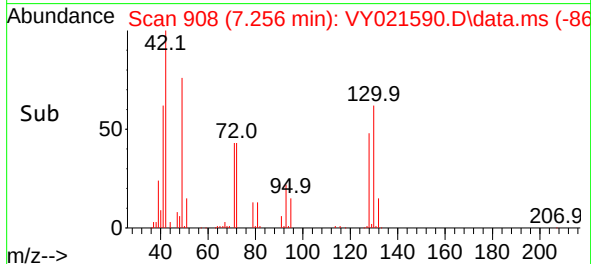
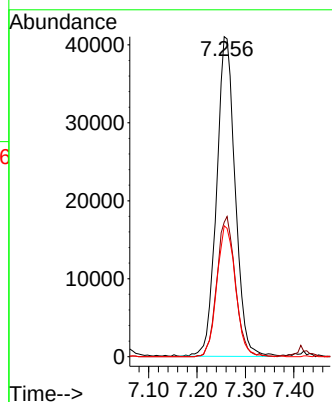
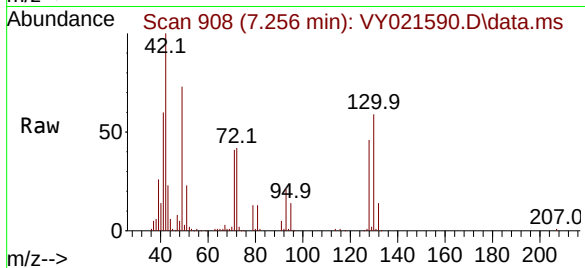
Tgt Ion: 42 Resp: 109557

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

71 41.2 32.6 48.8



#30

Chloroform

Concen: 48.204 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021590.D

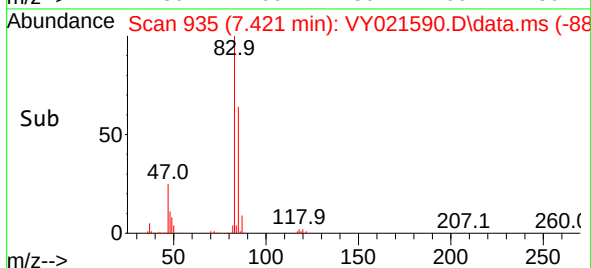
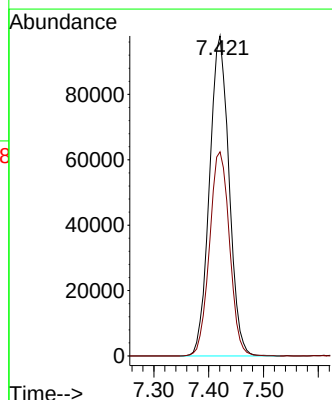
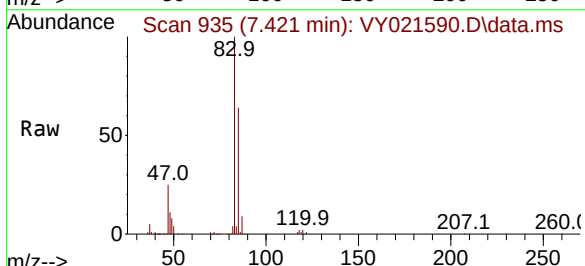
Acq: 21 Mar 2025 11:04

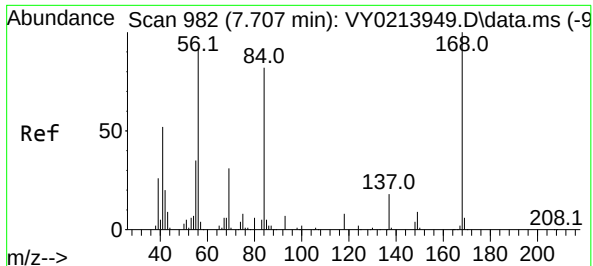
Tgt Ion: 83 Resp: 241842

Ion Ratio Lower Upper

83 100

85 63.8 53.1 79.7





#31

Cyclohexane

Concen: 43.559 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

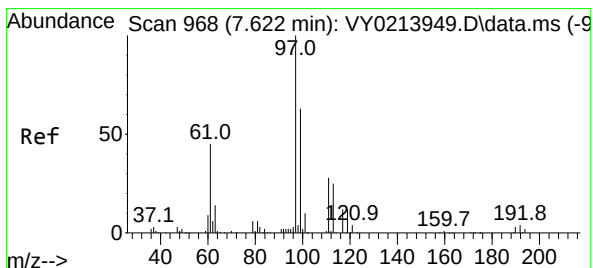
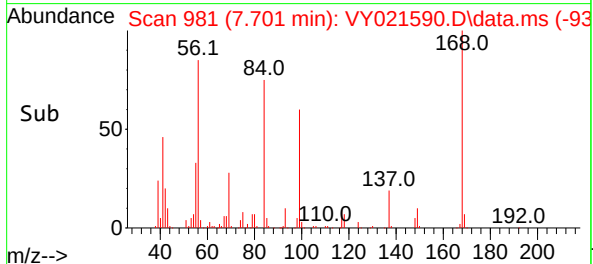
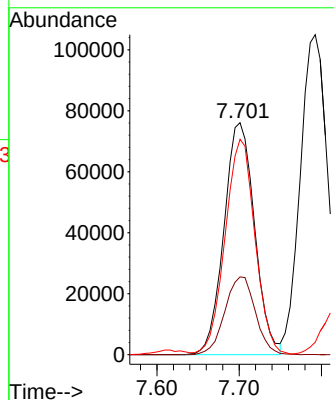
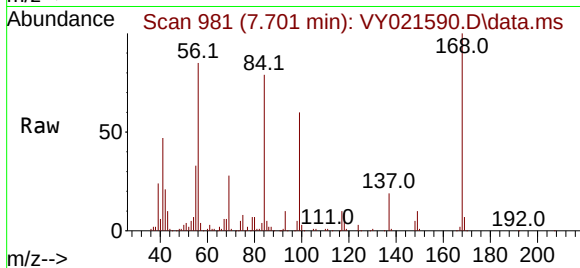
Tgt Ion: 56 Resp: 197306

Ion Ratio Lower Upper

56 100

69 33.5 27.0 40.4

84 91.3 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 48.422 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

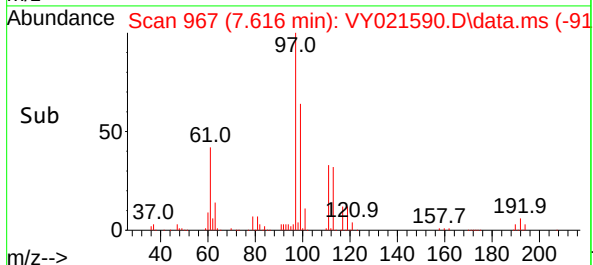
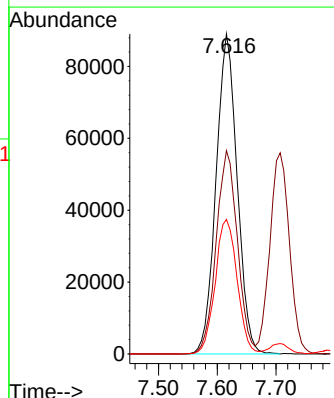
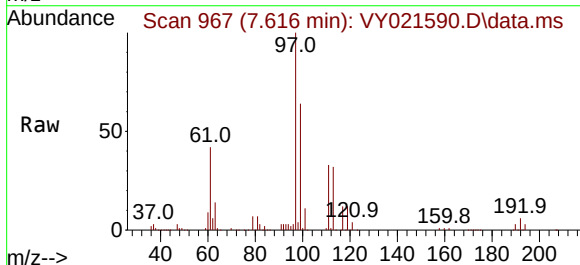
Tgt Ion: 97 Resp: 222440

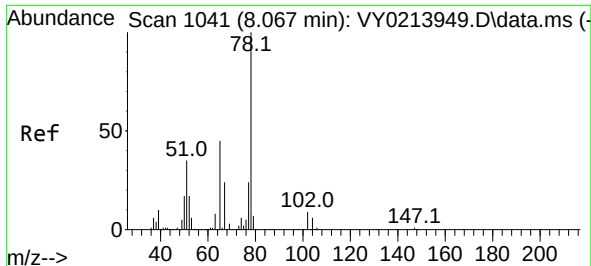
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 43.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 51.753 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

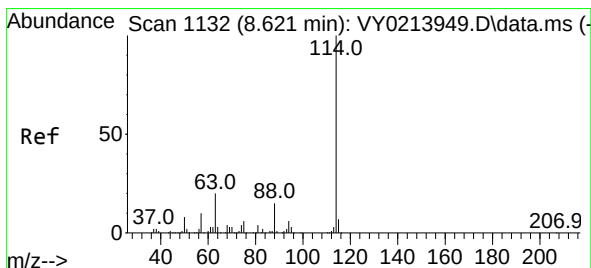
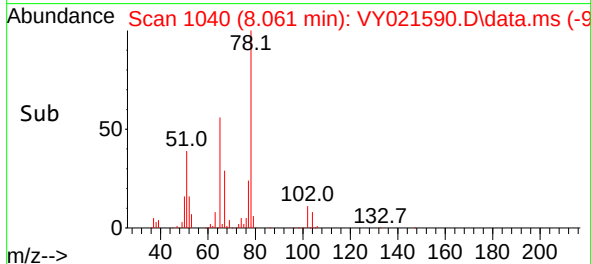
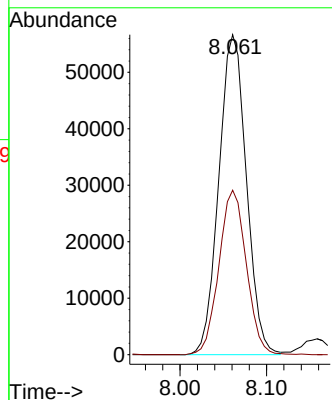
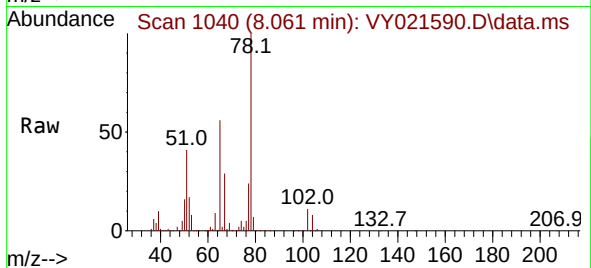
VSTDCCC050

Tgt Ion: 65 Resp: 125167

Ion Ratio Lower Upper

65 100

67 51.2 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: VY021590.D

Acq: 21 Mar 2025 11:04

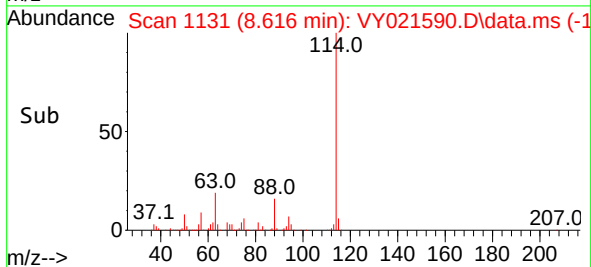
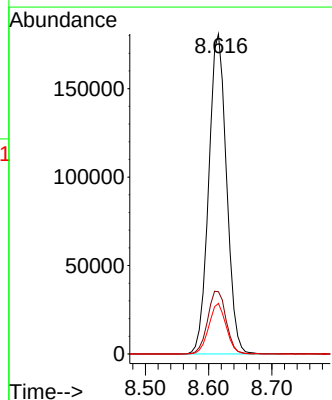
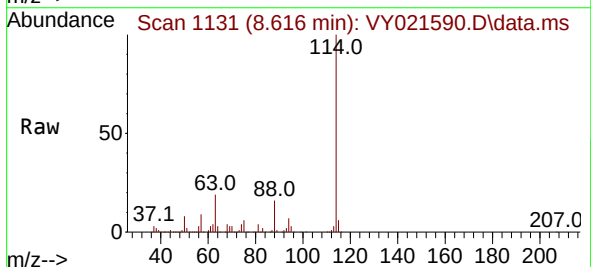
Tgt Ion: 114 Resp: 353841

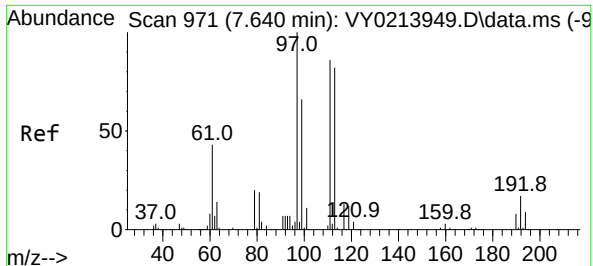
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 15.8 0.0 30.8

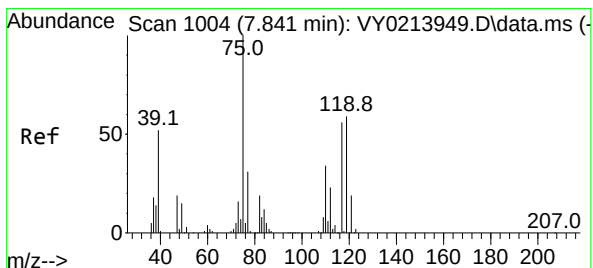
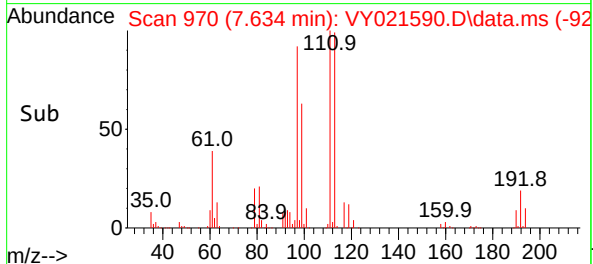
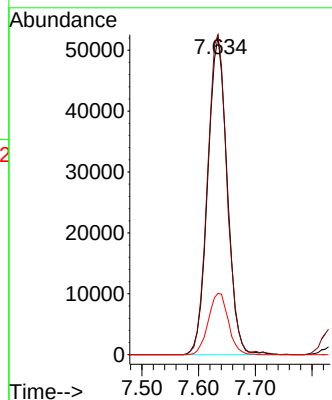
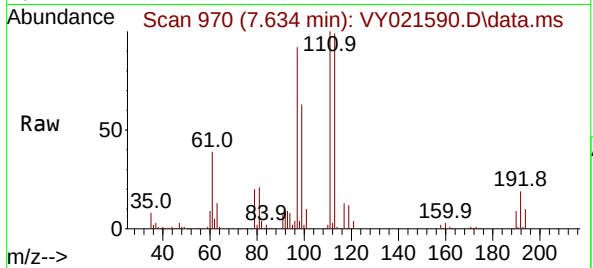




#35
Dibromofluoromethane
Concen: 53.368 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

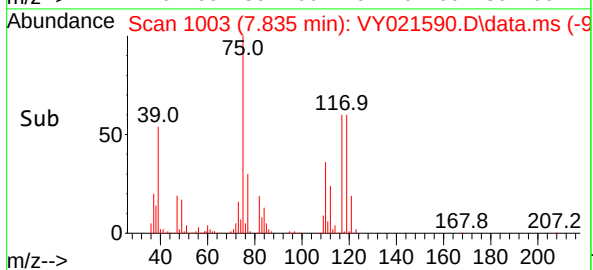
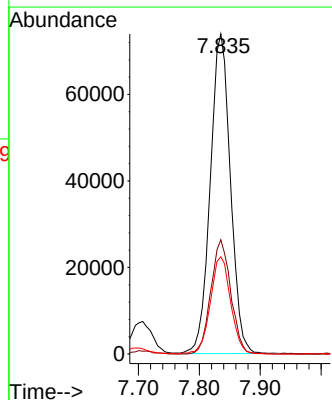
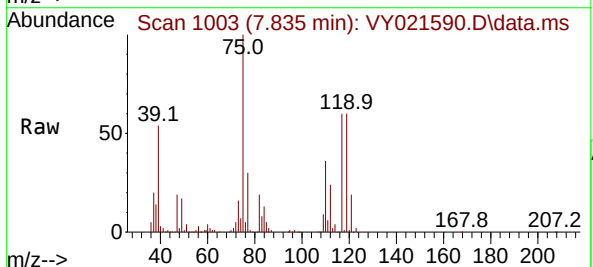
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

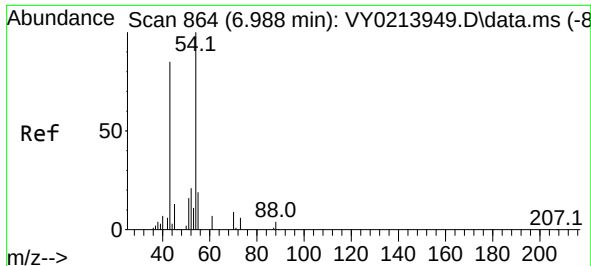
Tgt Ion:113 Resp: 124125
Ion Ratio Lower Upper
113 100
111 101.1 82.0 123.0
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.662 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 75 Resp: 169883
Ion Ratio Lower Upper
75 100
110 35.3 17.3 51.7
77 30.6 25.4 38.2





#37

Ethyl Acetate

Concen: 47.092 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

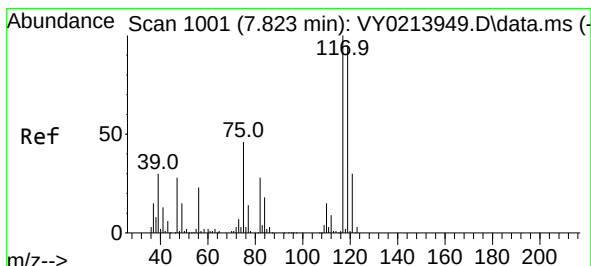
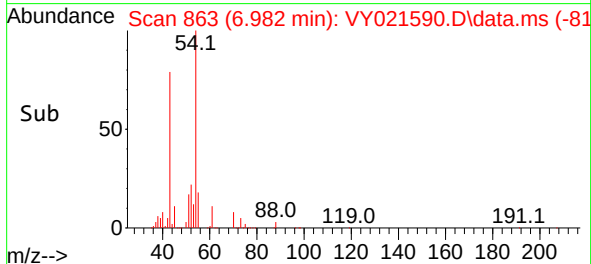
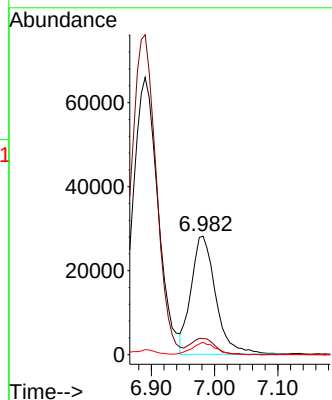
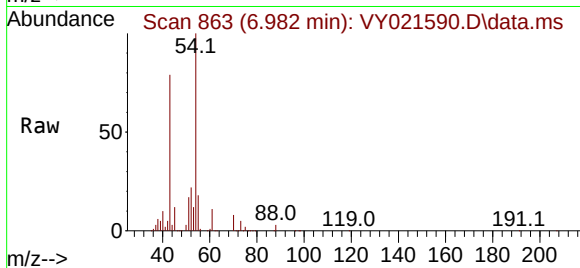
Tgt Ion: 43 Resp: 75778

Ion Ratio Lower Upper

43 100

61 13.9 11.4 17.0

70 10.0 8.2 12.2



#38

Carbon Tetrachloride

Concen: 48.198 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

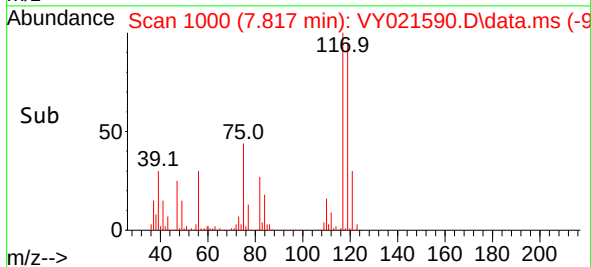
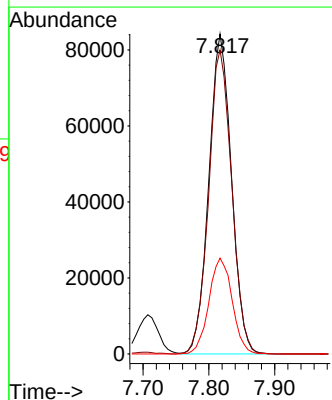
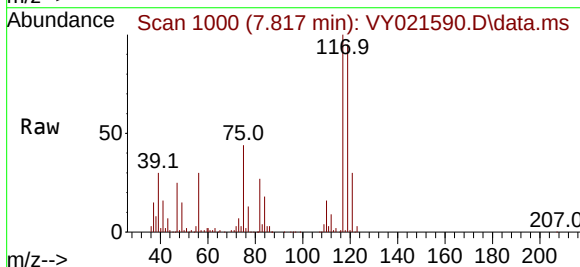
Tgt Ion: 117 Resp: 201809

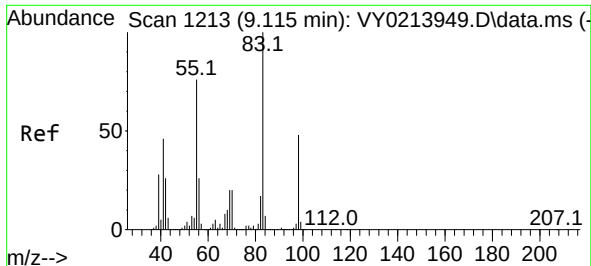
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.8

121 30.0 23.9 35.9

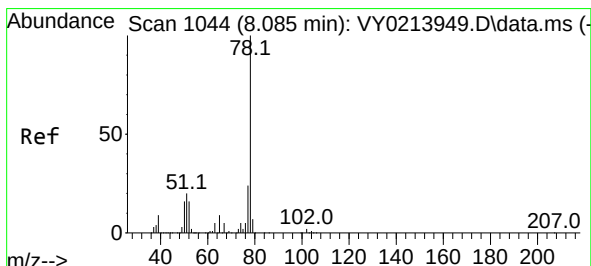
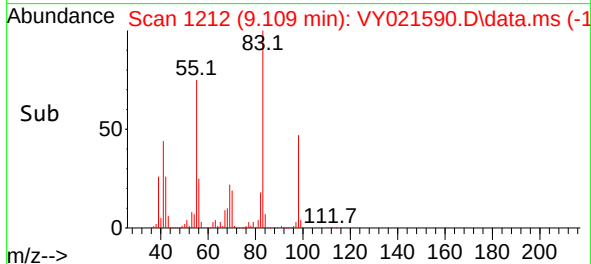
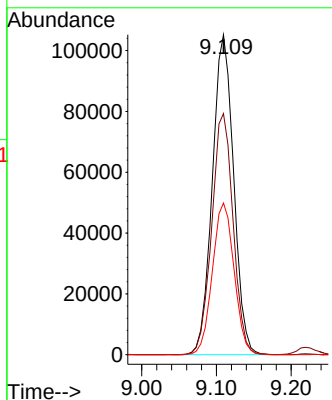
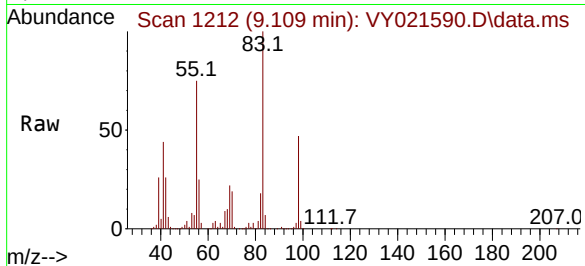




#39
Methylcyclohexane
Concen: 46.721 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

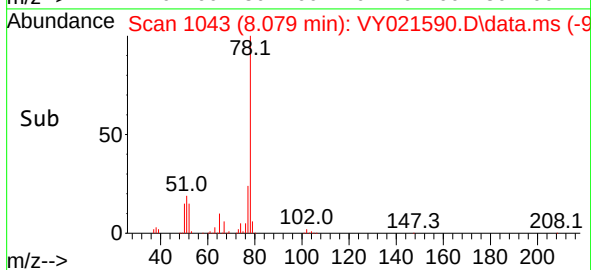
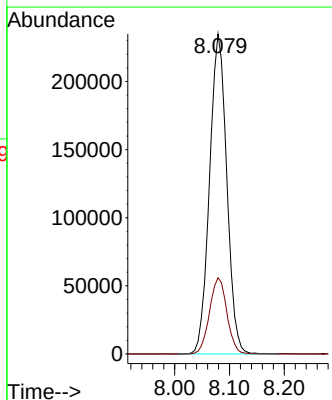
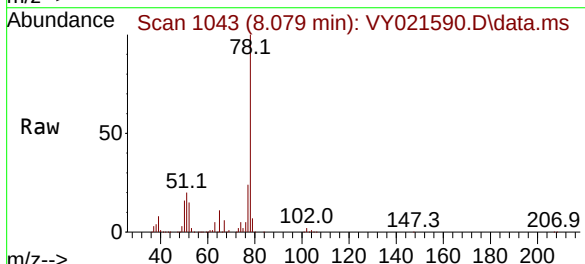
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

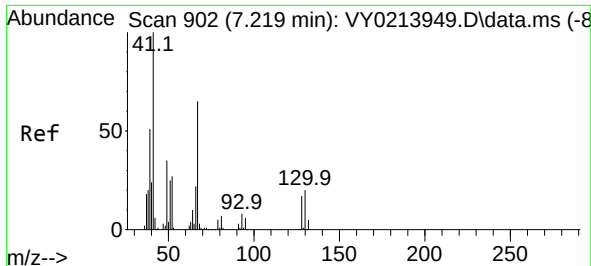
Tgt Ion: 83 Resp: 208642
Ion Ratio Lower Upper
83 100
55 75.3 60.7 91.1
98 47.4 38.6 57.8



#40
Benzene
Concen: 47.685 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 78 Resp: 511406
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

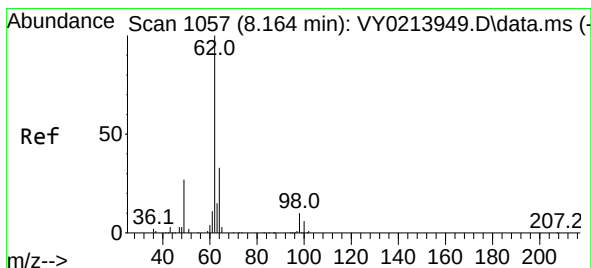
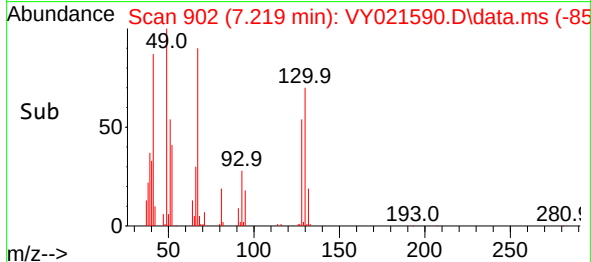
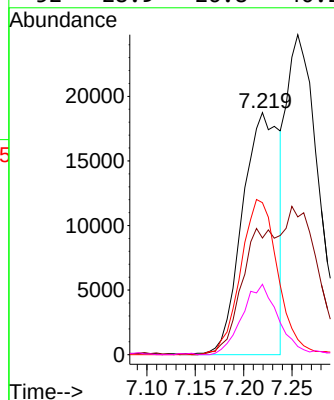
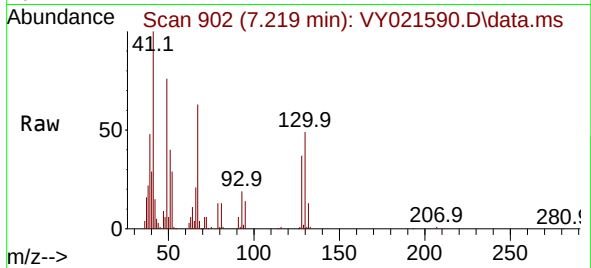




#41
Methacrylonitrile
Concen: 56.775 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

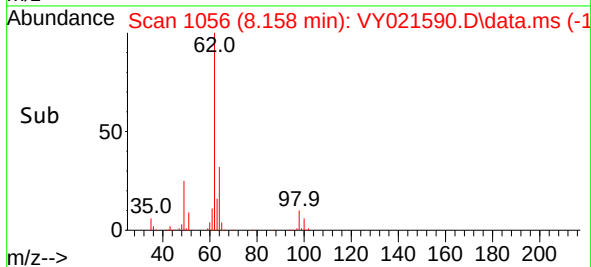
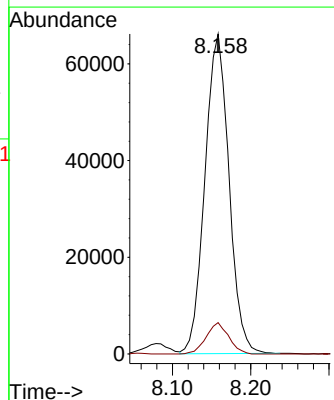
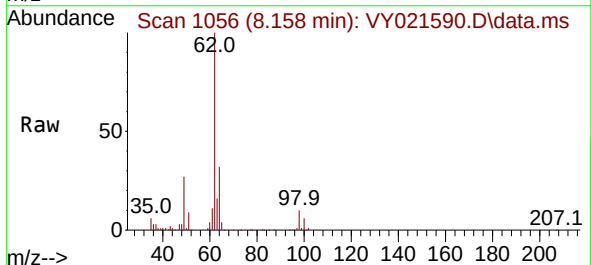
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

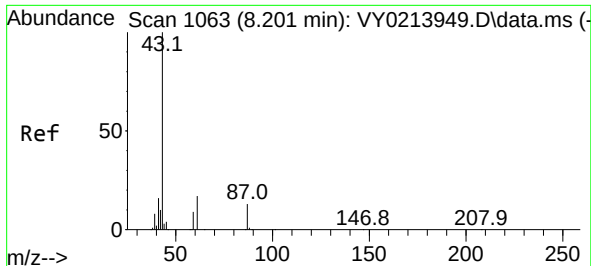
Tgt Ion:	41	Resp:	49745
Ion	Ratio	Lower	Upper
41	100		
39	46.0	35.0	52.6
67	65.0	61.2	91.8
52	28.9	26.8	40.2



#42
1,2-Dichloroethane
Concen: 46.990 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion:	62	Resp:	140981
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

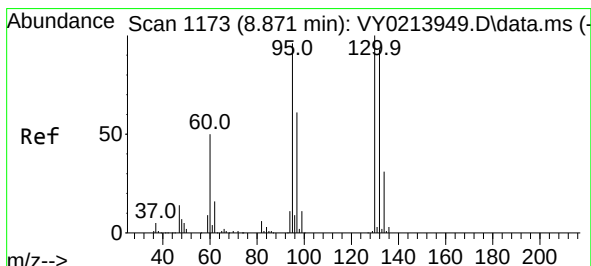
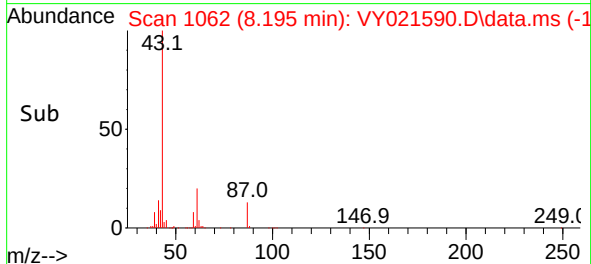
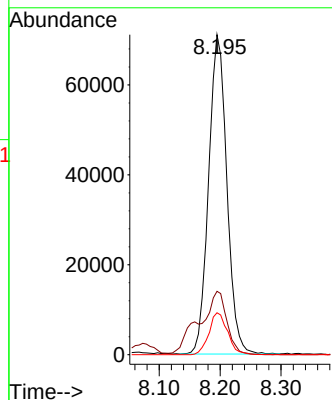
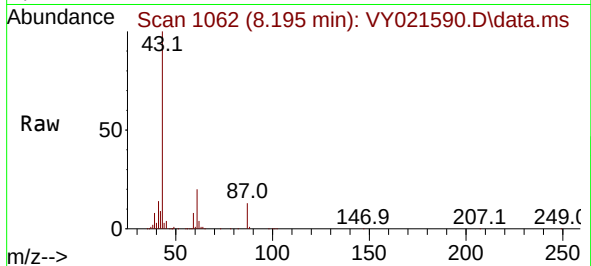




#43
Isopropyl Acetate
Concen: 47.421 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

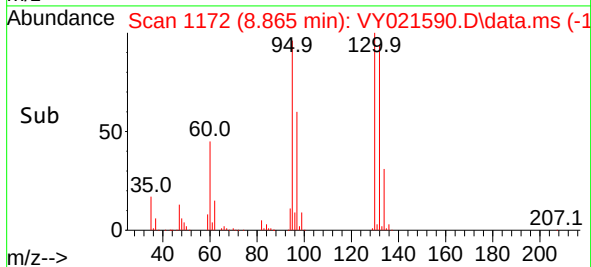
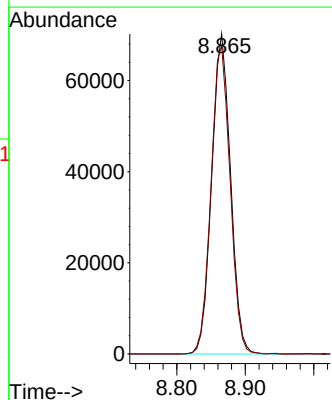
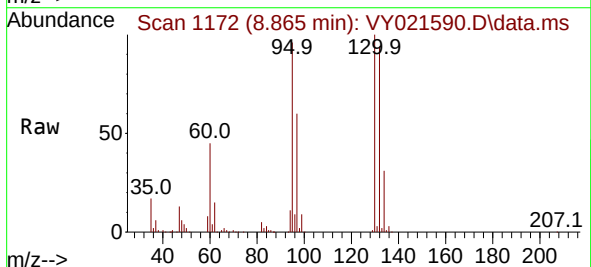
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

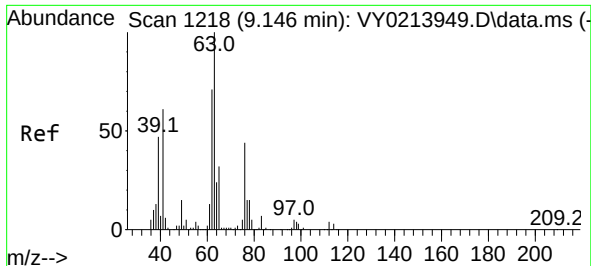
Tgt Ion: 43 Resp: 148130
Ion Ratio Lower Upper
43 100
61 20.0 23.4 35.0#
87 13.4 10.5 15.7



#44
Trichloroethene
Concen: 49.369 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion:130 Resp: 133795
Ion Ratio Lower Upper
130 100
95 96.3 0.0 191.6

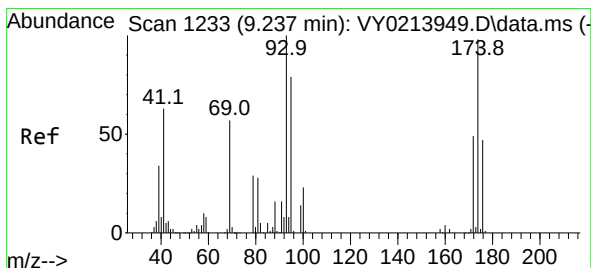
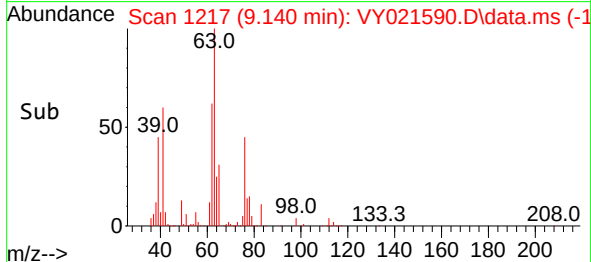
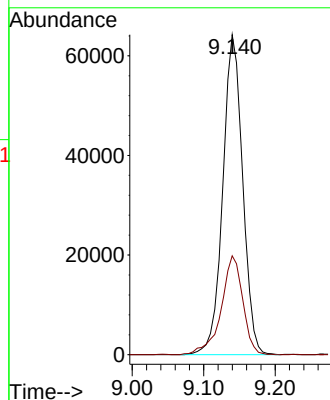
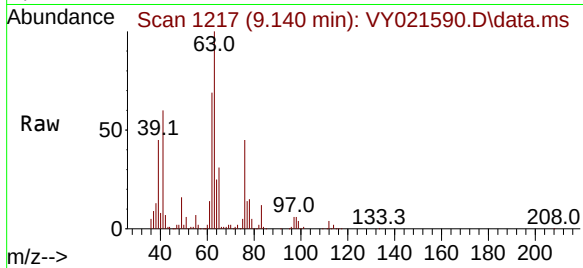




#45
1,2-Dichloropropane
Concen: 48.576 ug/l
RT: 9.140 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

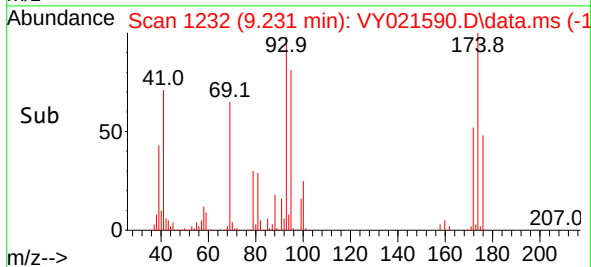
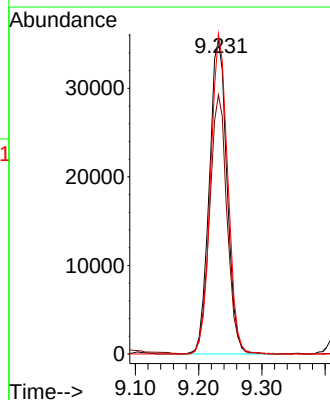
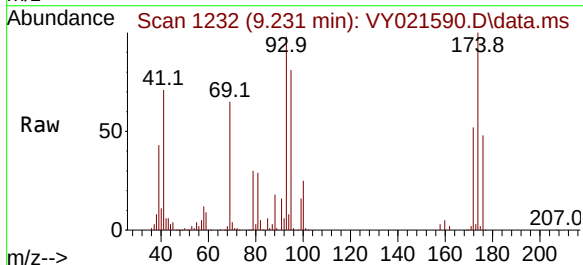
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

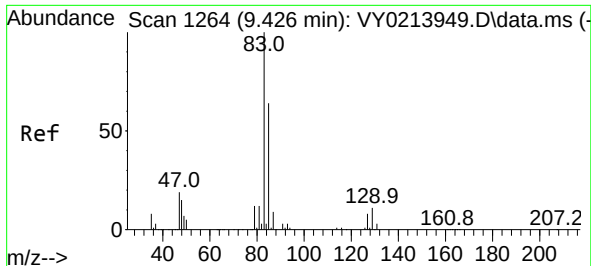
Tgt Ion: 63 Resp: 123989
Ion Ratio Lower Upper
63 100
65 30.9 26.0 39.0



#46
Dibromomethane
Concen: 48.564 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 93 Resp: 68972
Ion Ratio Lower Upper
93 100
95 81.3 65.8 98.8
174 98.6 77.9 116.9

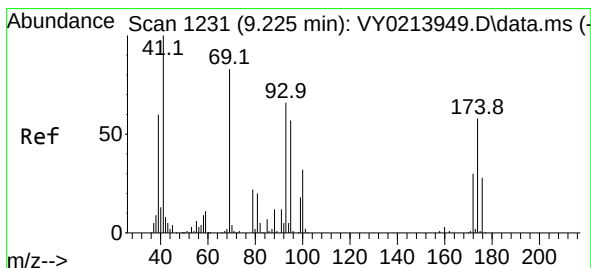
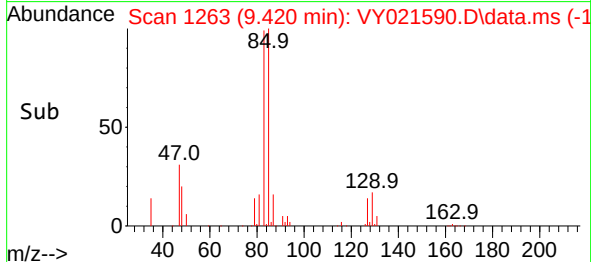
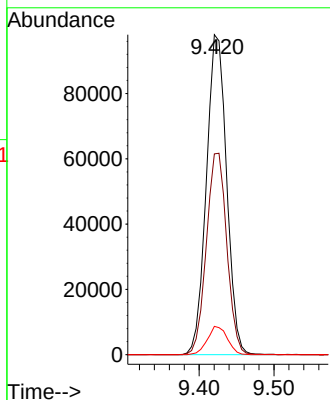
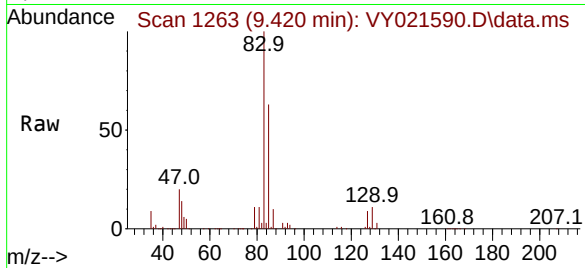




#47
Bromodichloromethane
Concen: 49.040 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

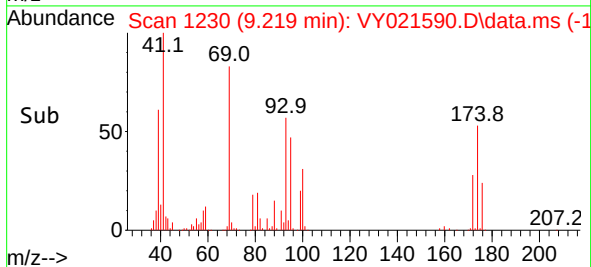
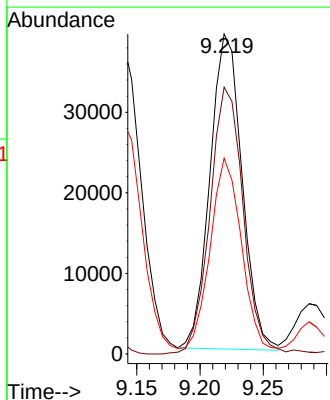
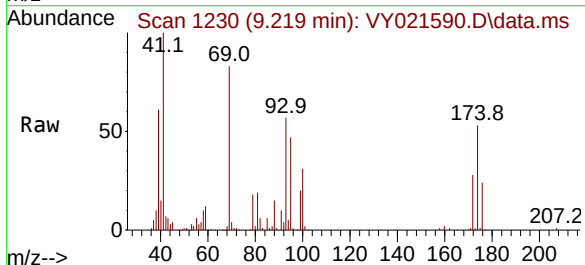
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

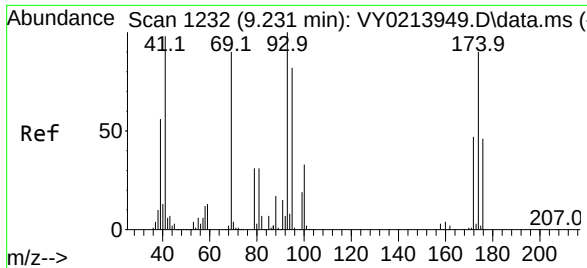
Tgt Ion: 83 Resp: 184960
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 48.049 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 41 Resp: 68921
Ion Ratio Lower Upper
41 100
69 88.2 67.8 101.8
39 58.4 46.4 69.6

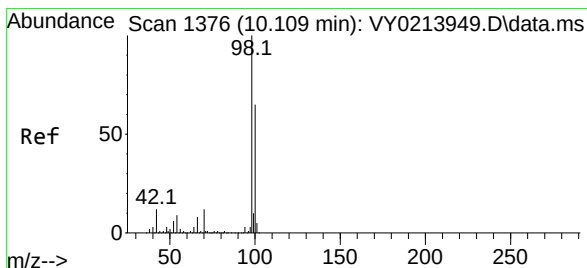
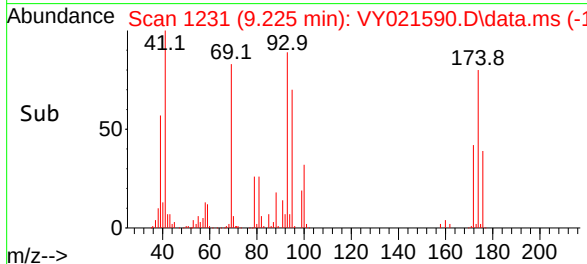
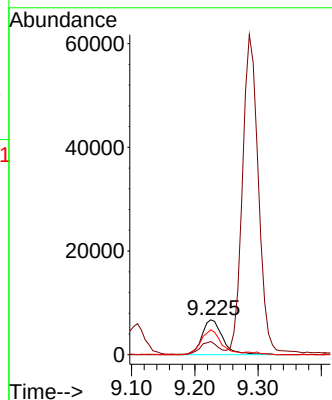
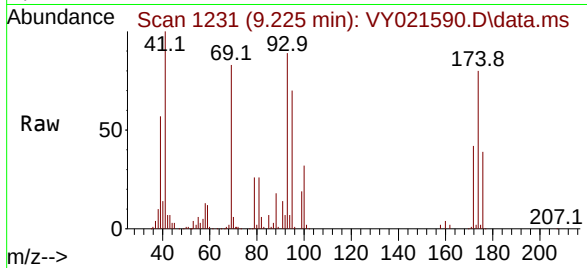




#49
1,4-Dioxane
Concen: 1102.445 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

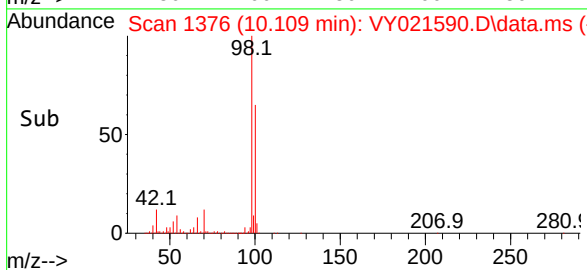
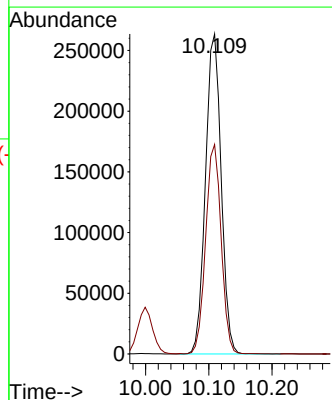
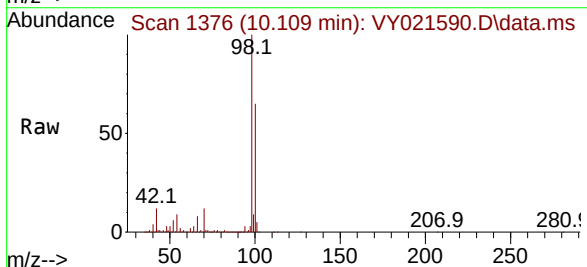
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

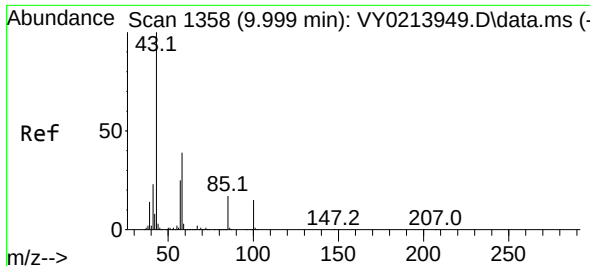
Tgt Ion: 88 Resp: 15368
Ion Ratio Lower Upper
88 100
43 32.1 25.0 37.4
58 69.2 58.4 87.6



#50
Toluene-d8
Concen: 51.712 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 98 Resp: 455395
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

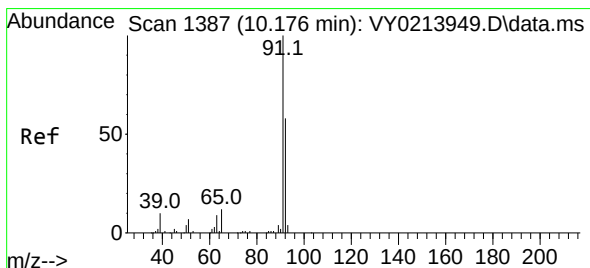
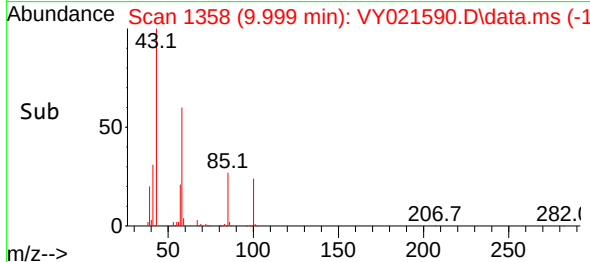
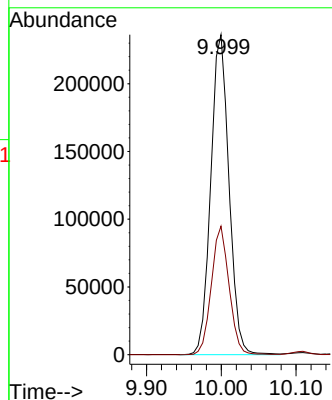
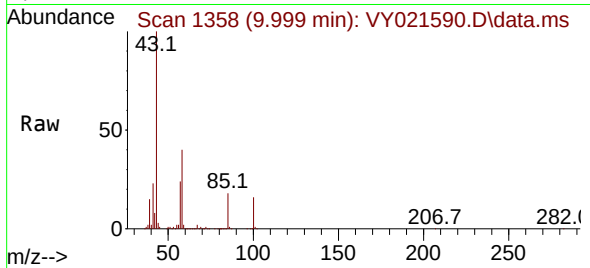




#51
4-Methyl-2-Pentanone
Concen: 248.864 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

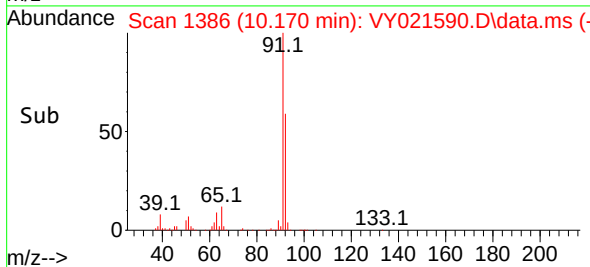
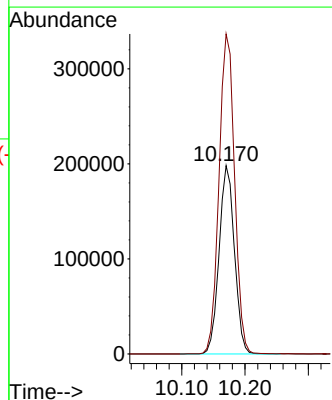
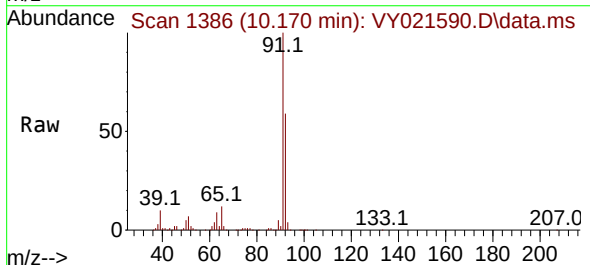
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

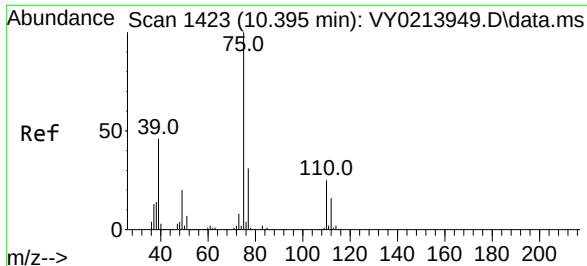
Tgt Ion: 43 Resp: 401106
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 49.112 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 92 Resp: 332066
Ion Ratio Lower Upper
92 100
91 172.7 138.2 207.2

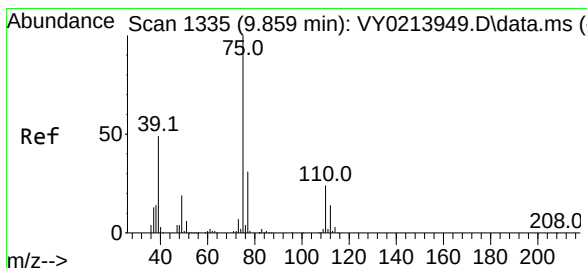
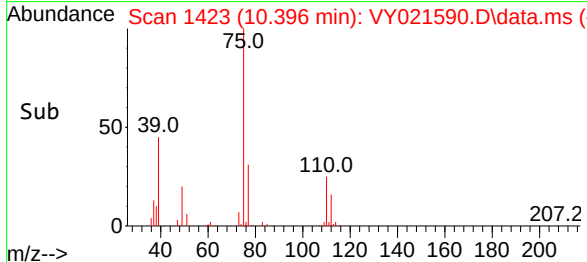
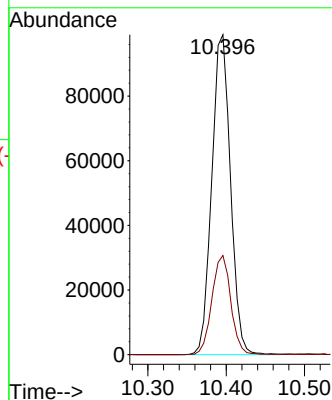
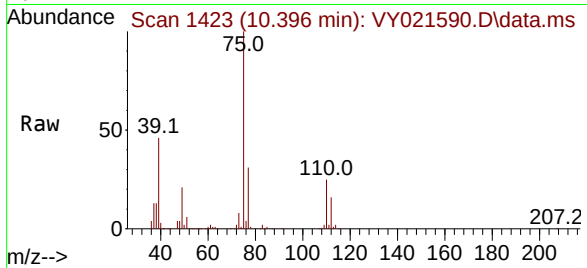




#53
 t-1,3-Dichloropropene
 Concen: 49.432 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

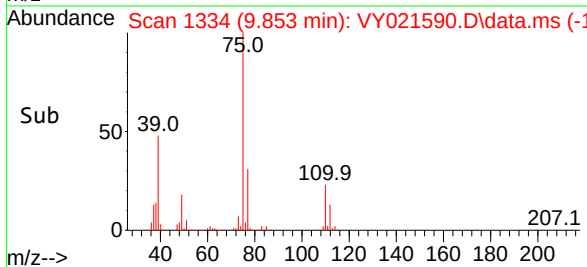
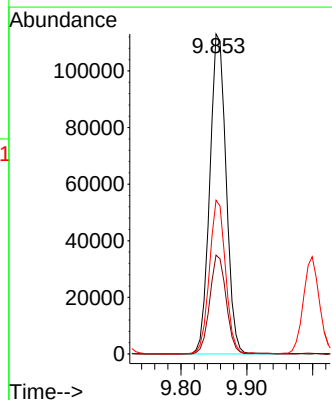
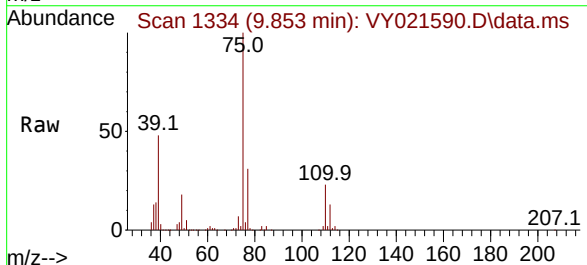
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

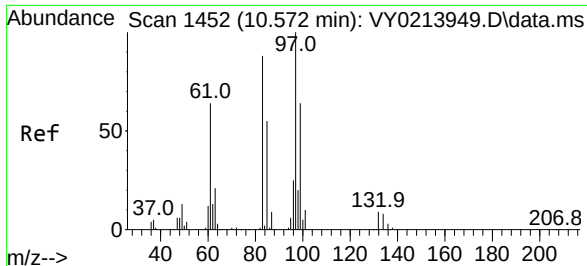
Tgt Ion: 75 Resp: 164257
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.577 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

Tgt Ion: 75 Resp: 195588
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 37.0
 39 48.0 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 48.531 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 90161

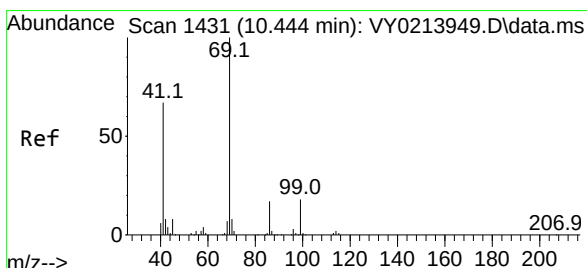
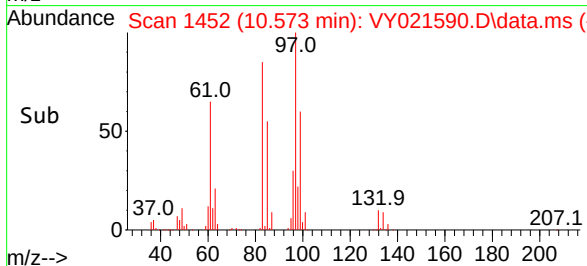
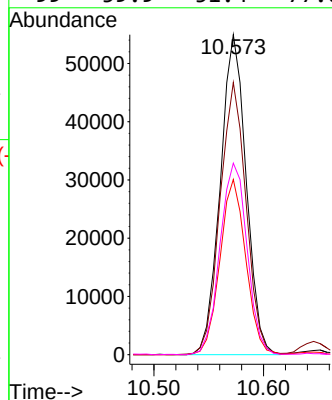
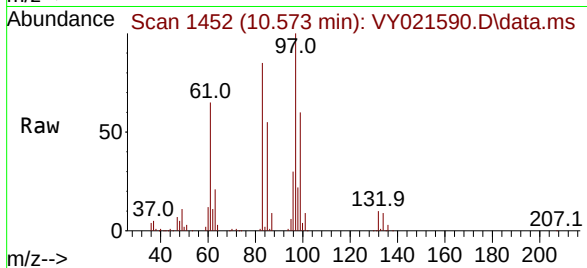
Ion Ratio Lower Upper

97 100

83 85.0 70.0 105.0

85 54.7 44.3 66.5

99 59.9 51.4 77.0



#56

Ethyl methacrylate

Concen: 50.736 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

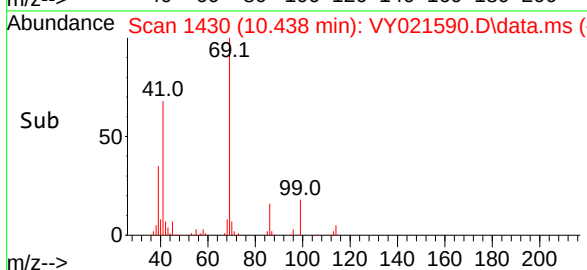
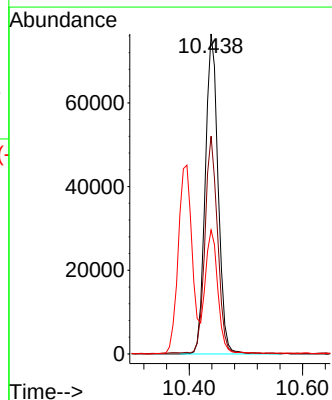
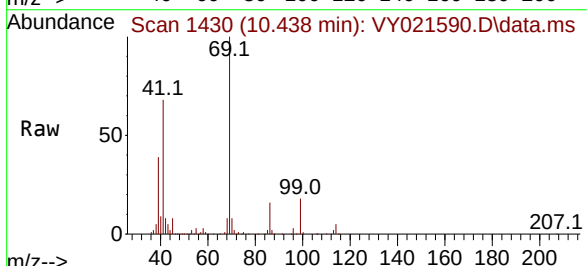
Tgt Ion: 69 Resp: 120211

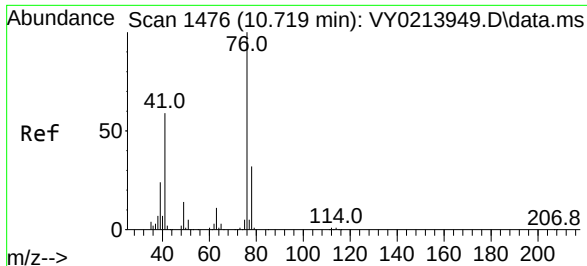
Ion Ratio Lower Upper

69 100

41 67.0 53.3 79.9

39 36.0 31.0 46.6





#57

1,3-Dichloropropane

Concen: 48.577 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

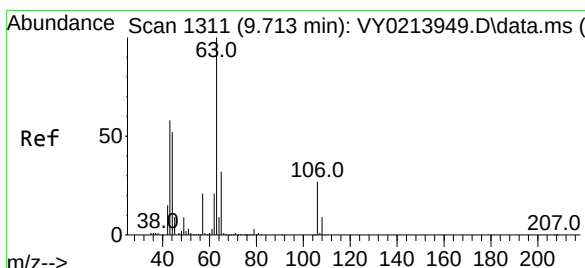
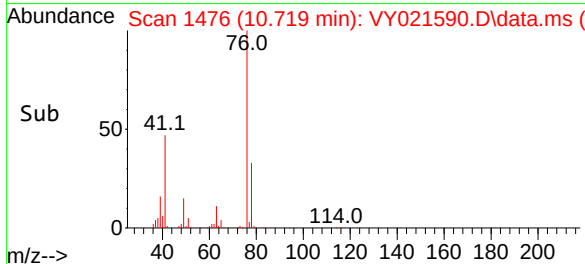
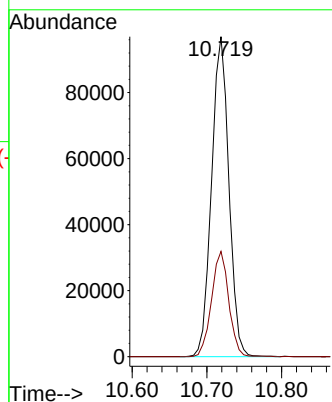
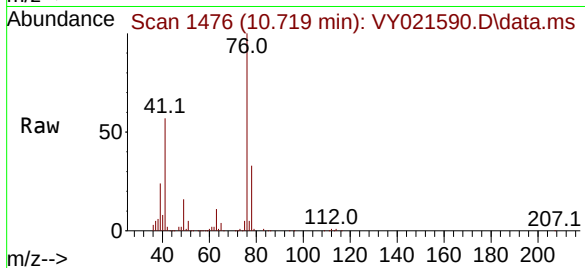
VSTDCCC050

Tgt Ion: 76 Resp: 156412

Ion Ratio Lower Upper

76 100

78 32.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 276.195 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021590.D

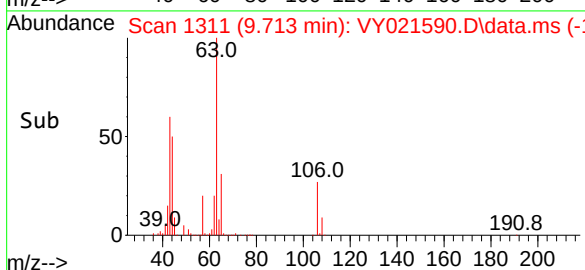
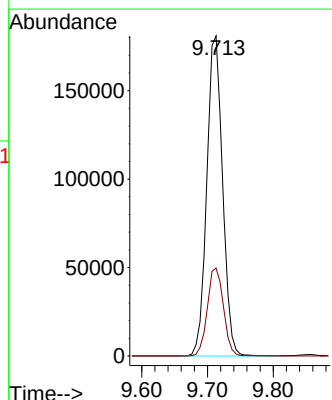
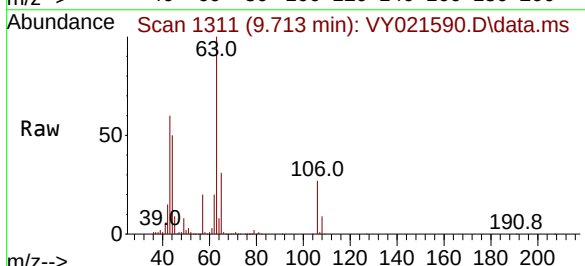
Acq: 21 Mar 2025 11:04

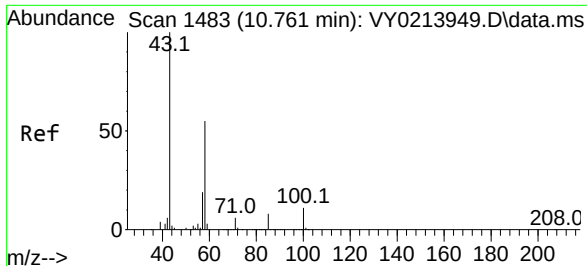
Tgt Ion: 63 Resp: 302087

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1





#59

2-Hexanone

Concen: 254.862 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

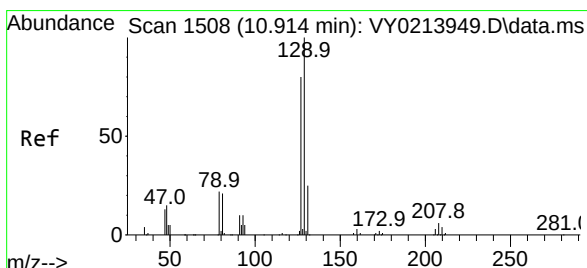
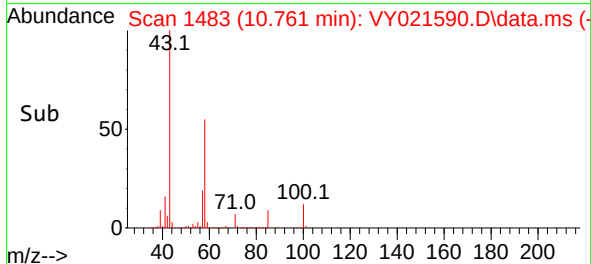
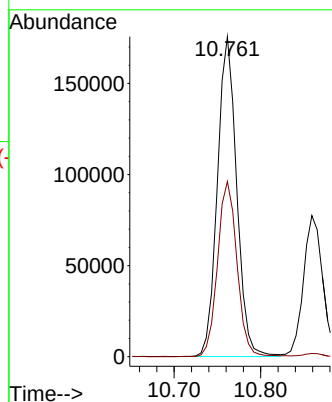
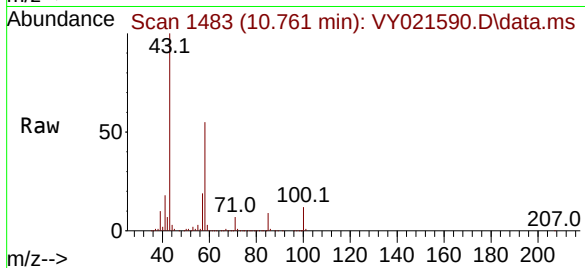
VSTDCCC050

Tgt Ion: 43 Resp: 271613

Ion Ratio Lower Upper

43 100

58 55.3 27.3 81.8



#60

Dibromochloromethane

Concen: 49.620 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021590.D

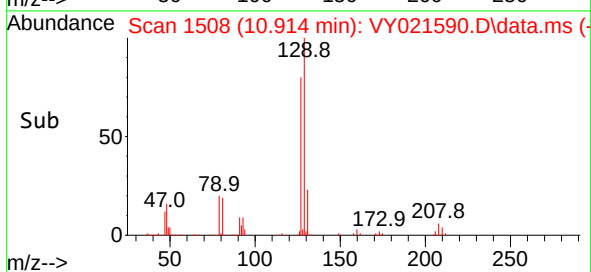
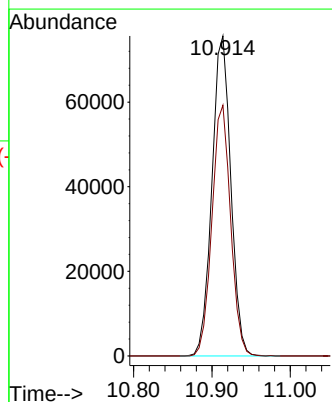
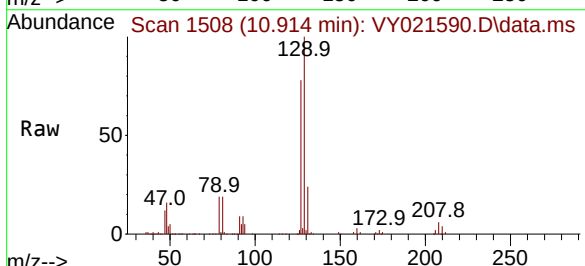
Acq: 21 Mar 2025 11:04

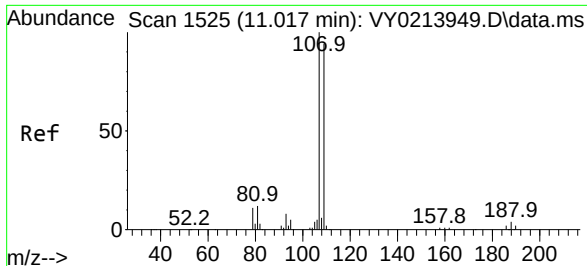
Tgt Ion: 129 Resp: 126377

Ion Ratio Lower Upper

129 100

127 77.5 39.1 117.3

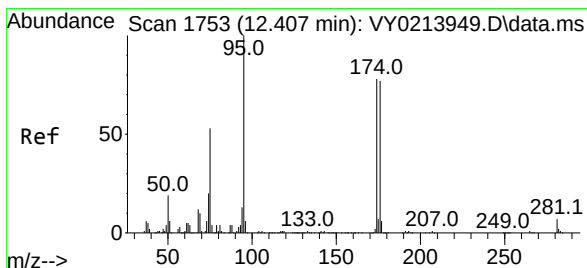
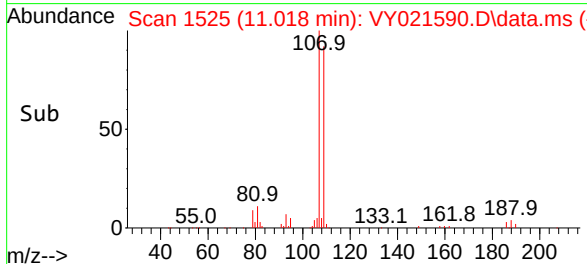
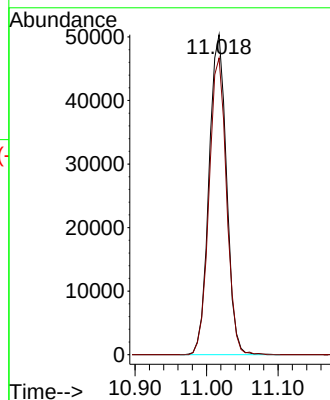
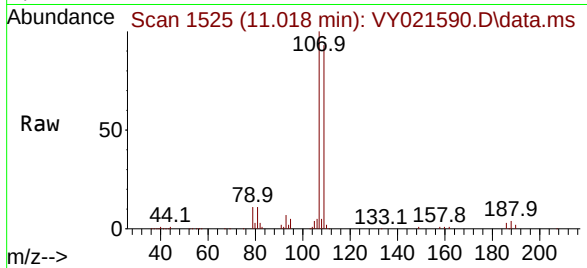




#61
1,2-Dibromoethane
Concen: 48.769 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

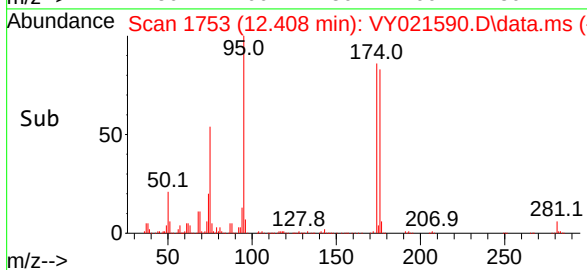
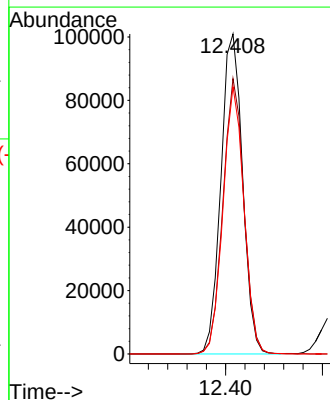
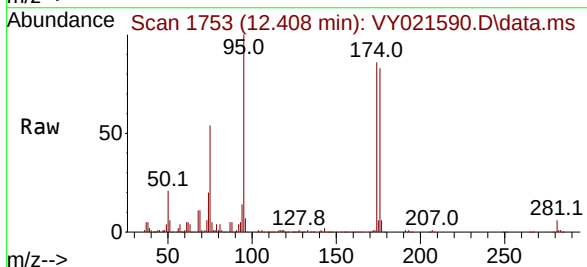
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

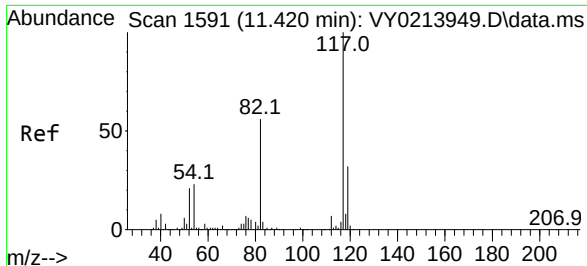
Tgt Ion:107 Resp: 85510
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.305 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 95 Resp: 156684
Ion Ratio Lower Upper
95 100
174 83.4 0.0 165.0
176 80.8 0.0 160.0

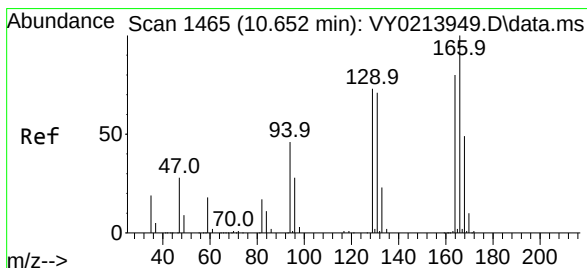
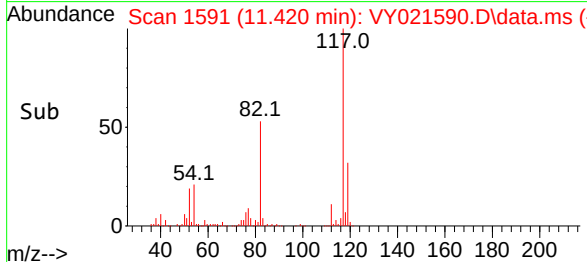
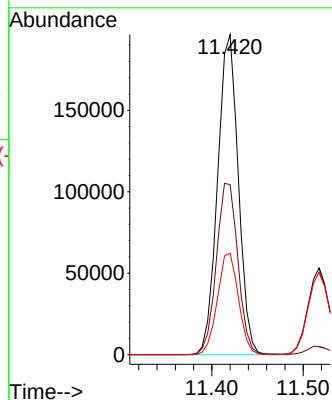
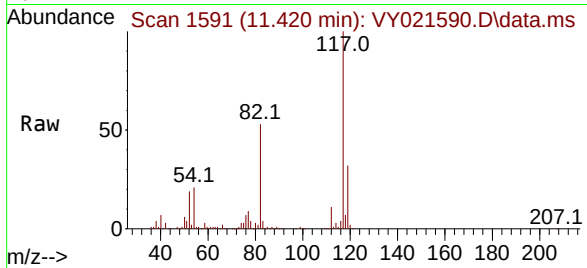




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

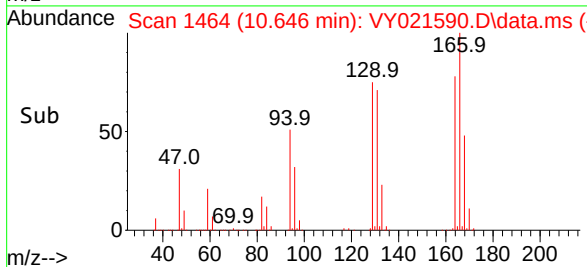
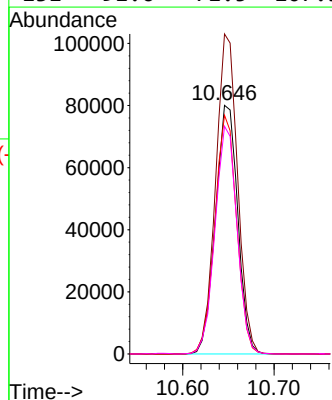
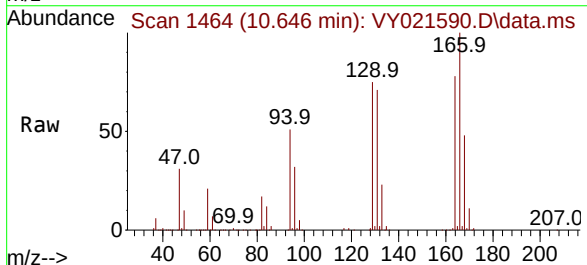
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

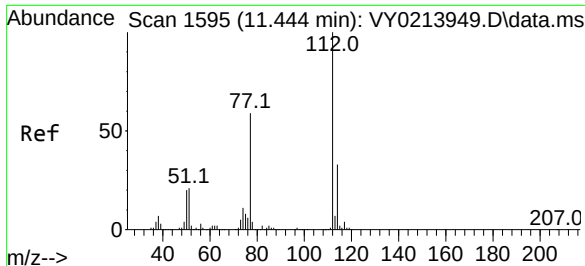
Tgt Ion:117 Resp: 309828
Ion Ratio Lower Upper
117 100
82 53.1 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 54.032 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion:164 Resp: 136129
Ion Ratio Lower Upper
164 100
166 128.7 100.4 150.6
129 96.0 73.8 110.8
131 91.6 71.5 107.3

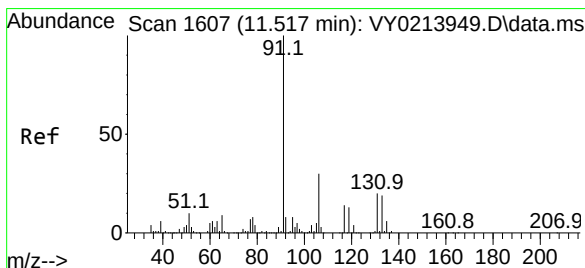
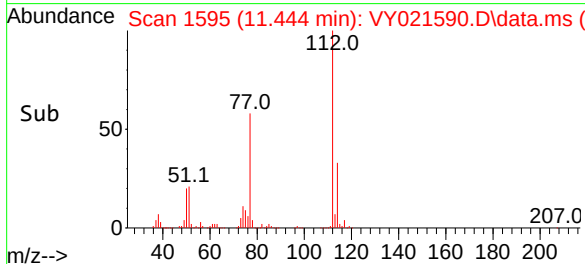
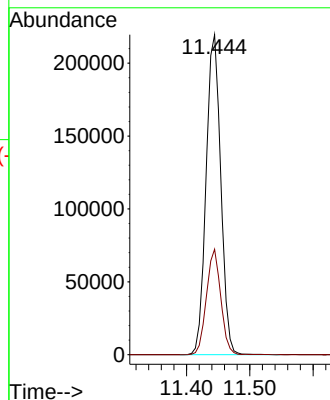
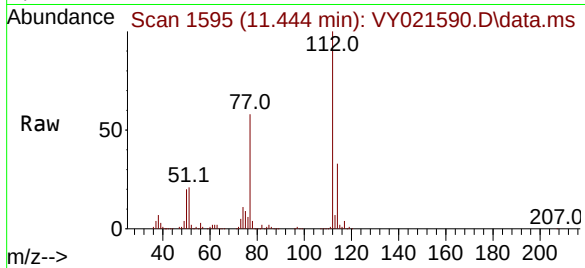




#65
Chlorobenzene
Concen: 48.418 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

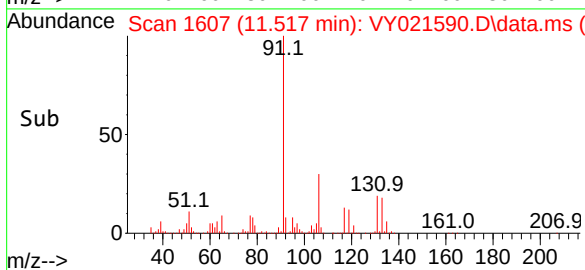
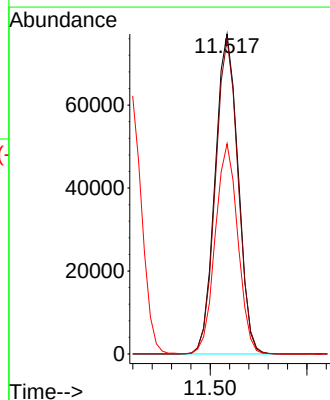
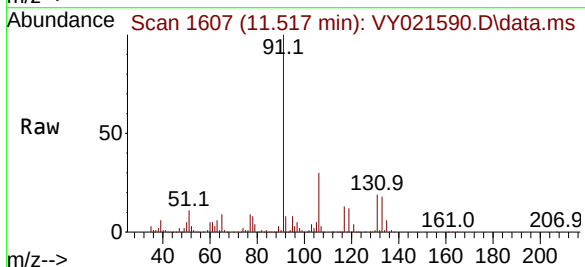
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

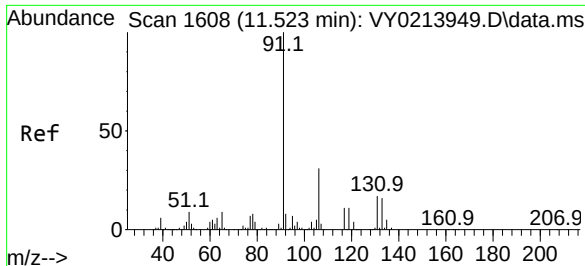
Tgt Ion:112 Resp: 354247
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.136 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion:131 Resp: 127101
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.9
119 64.6 32.3 96.9

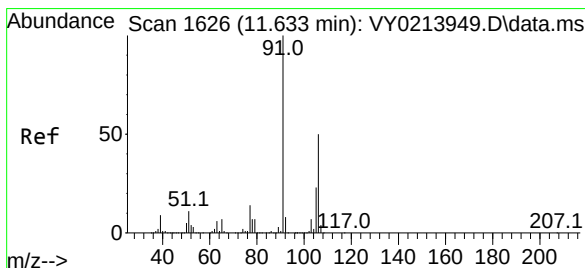
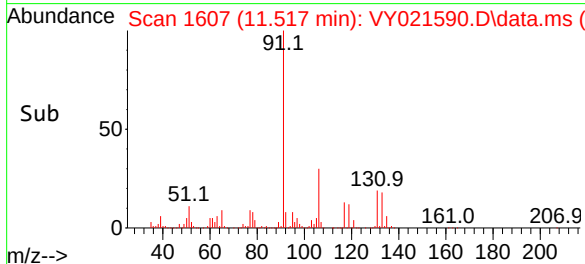
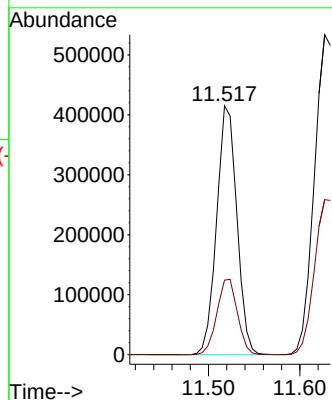
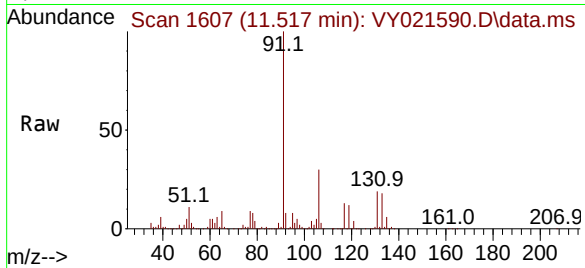




#67
Ethyl Benzene
Concen: 49.729 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

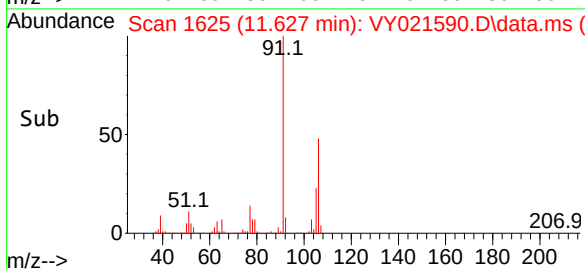
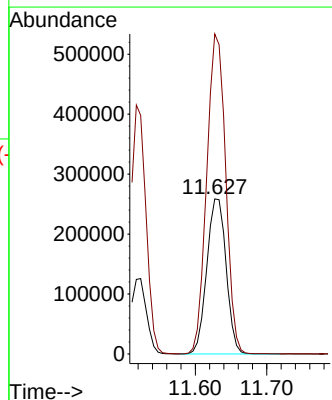
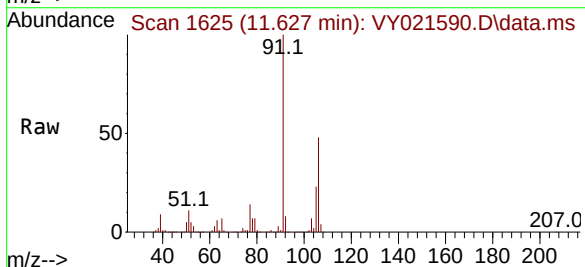
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

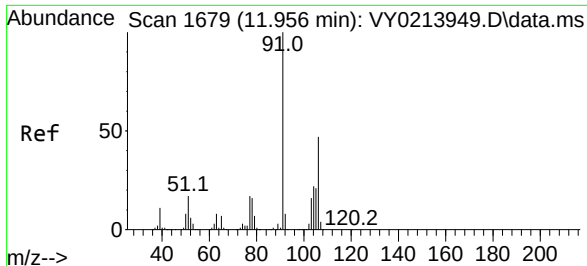
Tgt Ion: 91 Resp: 638617
Ion Ratio Lower Upper
91 100
106 29.9 24.6 36.8



#68
m/p-Xylenes
Concen: 99.531 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 106 Resp: 485256
Ion Ratio Lower Upper
106 100
91 202.5 161.7 242.5

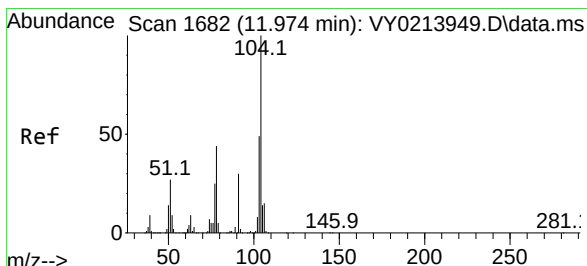
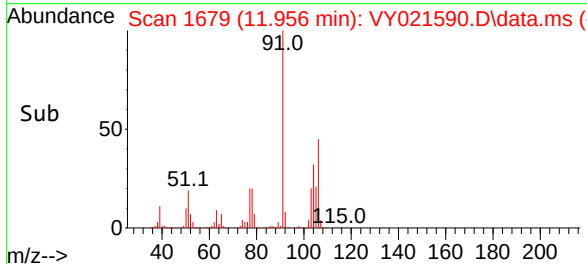
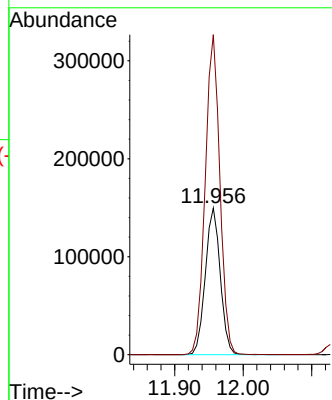
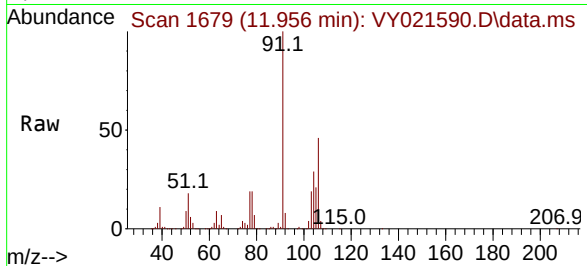




#69
o-Xylene
Concen: 50.513 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

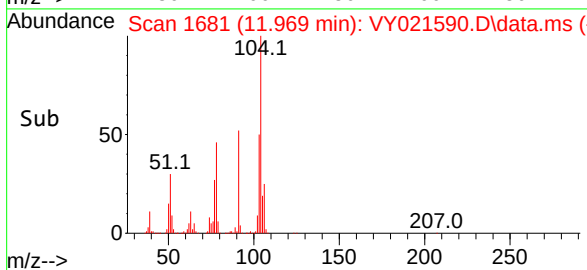
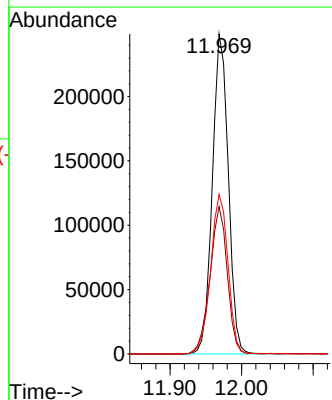
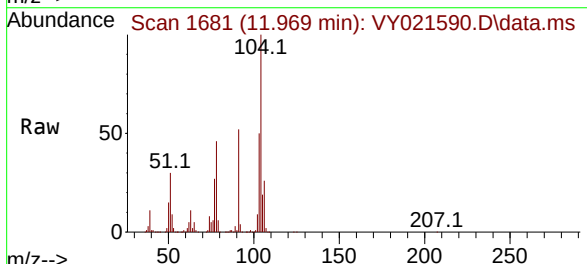
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

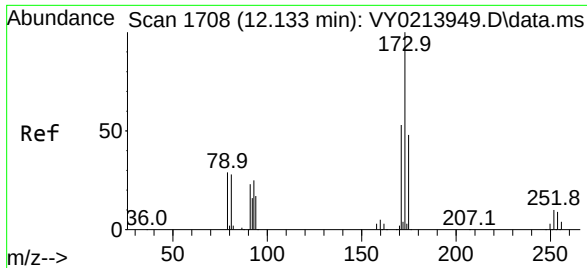
Tgt Ion:106 Resp: 226972
Ion Ratio Lower Upper
106 100
91 214.7 107.6 322.8



#70
Styrene
Concen: 51.707 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion:104 Resp: 385437
Ion Ratio Lower Upper
104 100
78 49.9 40.7 61.1
103 54.4 44.1 66.1

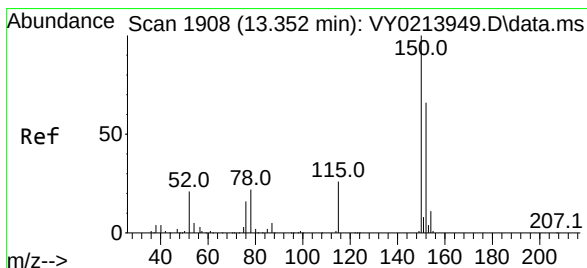
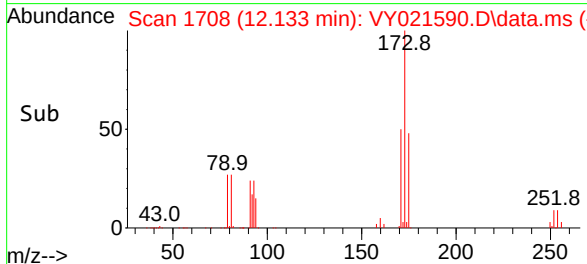
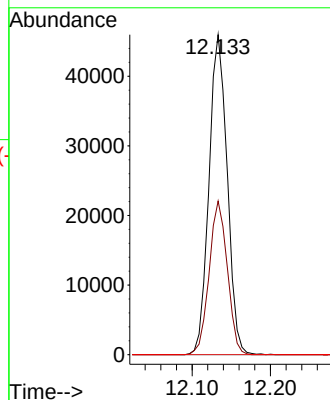
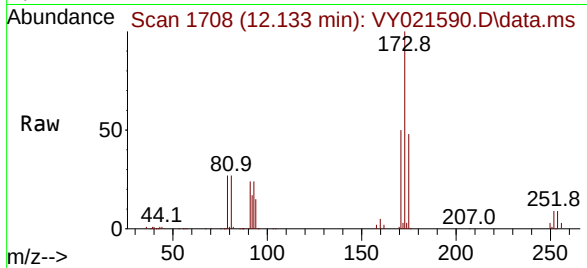




#71
Bromoform
Concen: 51.256 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

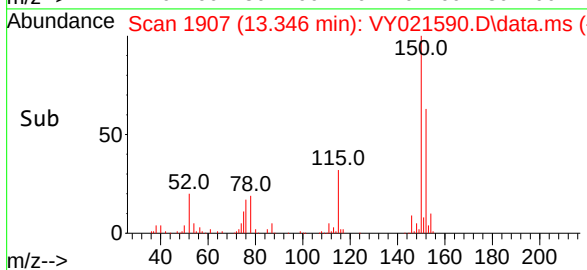
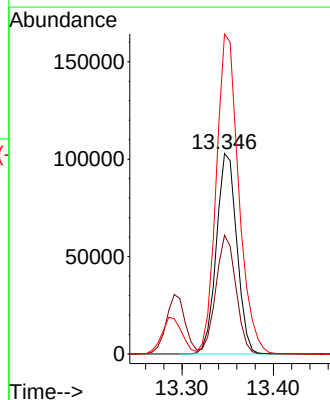
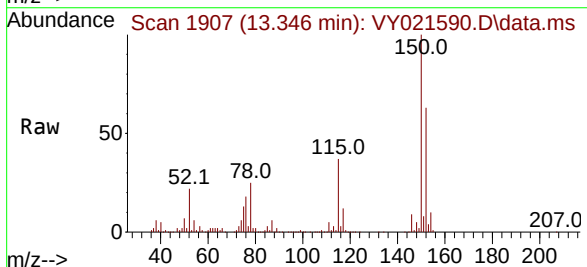
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

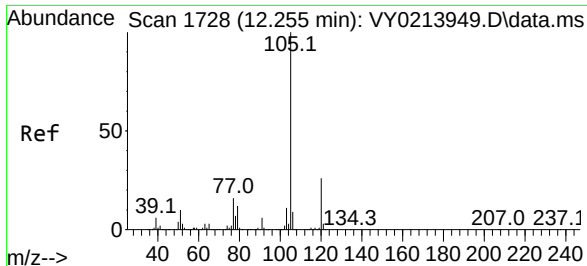
Tgt Ion:173 Resp: 74116
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion:152 Resp: 159693
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 175.8 0.0 347.2

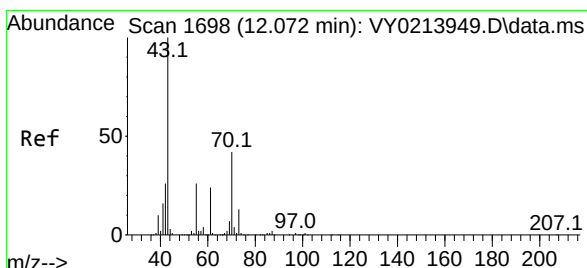
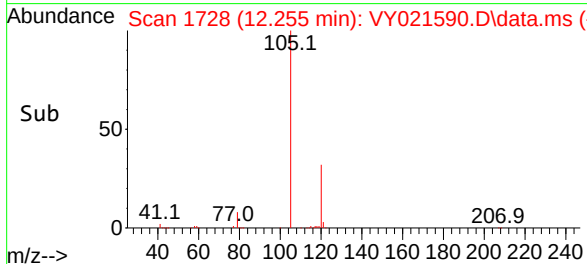
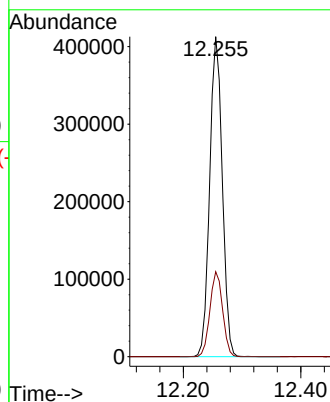
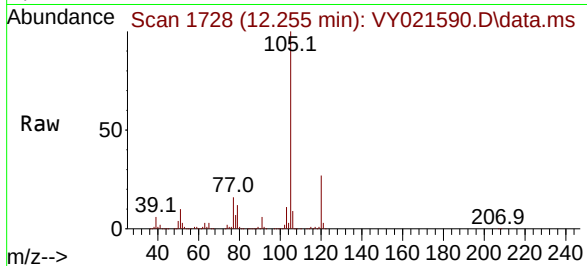




#73
Isopropylbenzene
Concen: 48.859 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

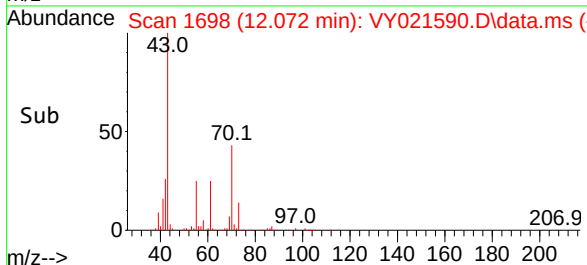
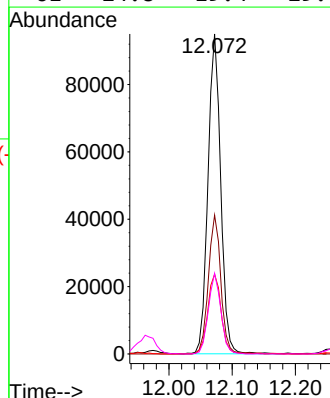
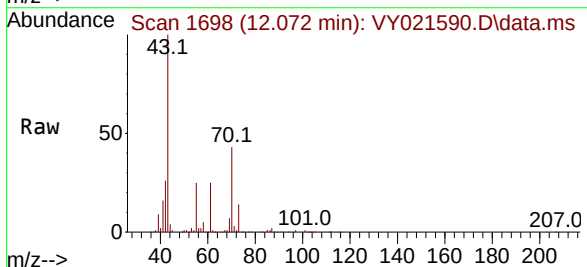
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

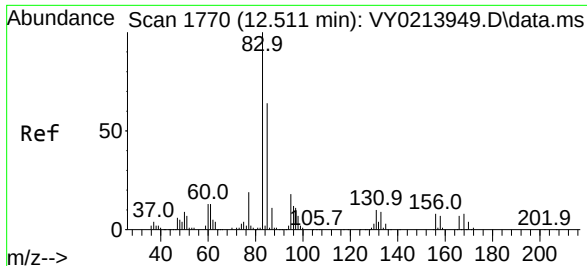
Tgt Ion:105 Resp: 614615
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 48.672 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 43 Resp: 132967
Ion Ratio Lower Upper
43 100
70 42.8 34.6 51.8
55 26.5 21.1 31.7
61 24.8 19.4 29.0

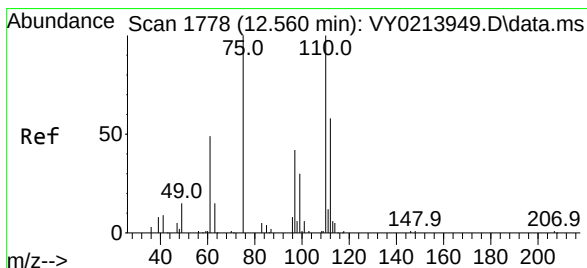
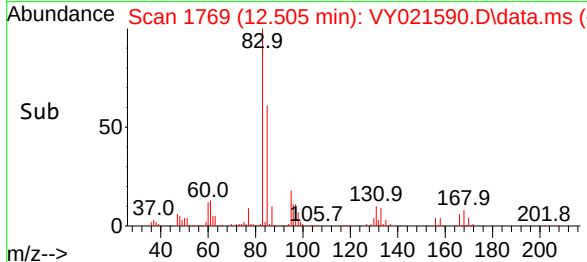
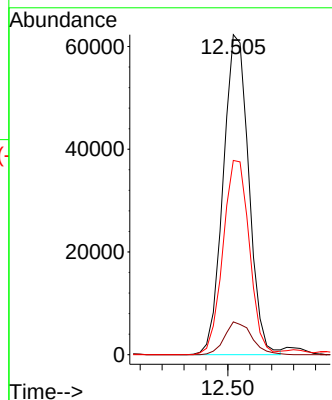
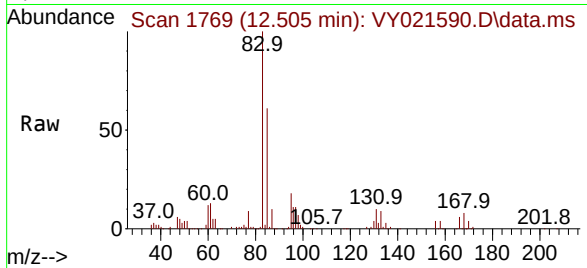




#75
1,1,2,2-Tetrachloroethane
Concen: 45.480 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

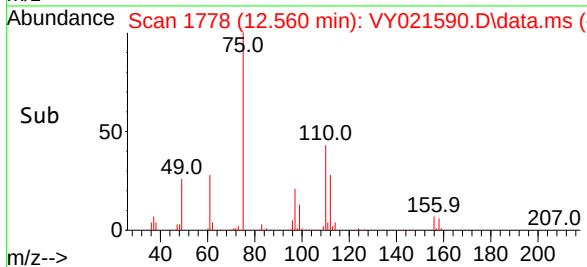
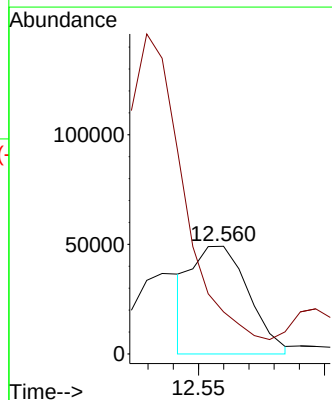
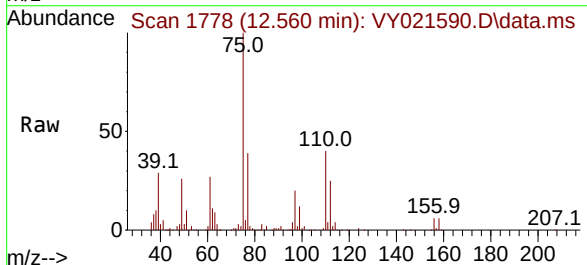
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

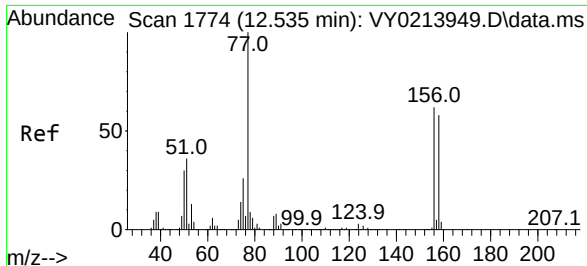
Tgt Ion: 83 Resp: 100959
Ion Ratio Lower Upper
83 100
131 10.9 5.3 16.1
85 62.8 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 47.875 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 75 Resp: 77040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

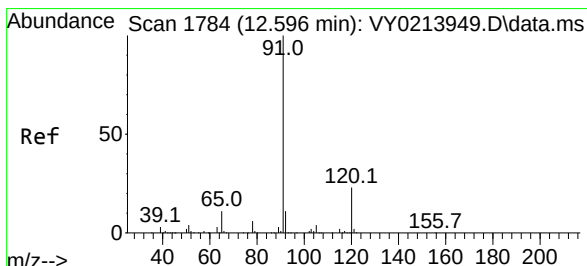
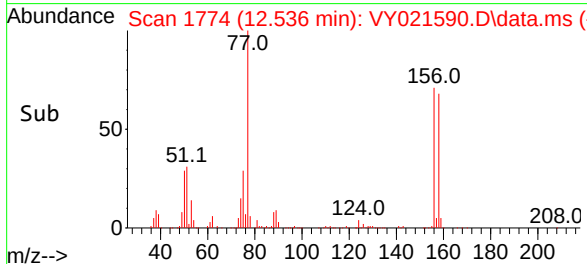
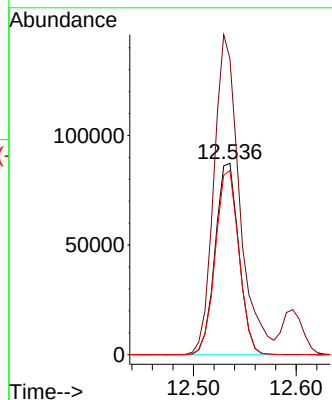
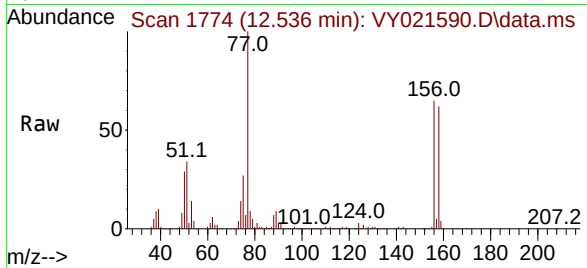




#77
Bromobenzene
Concen: 47.252 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

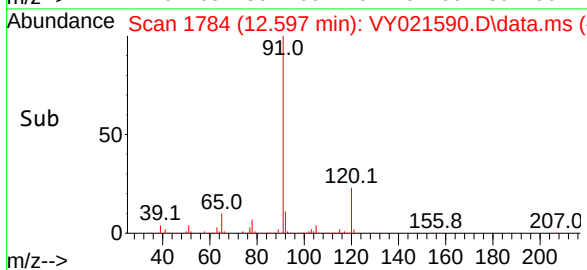
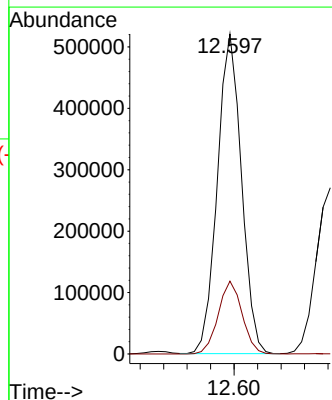
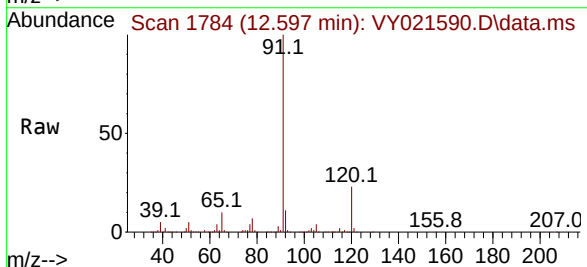
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

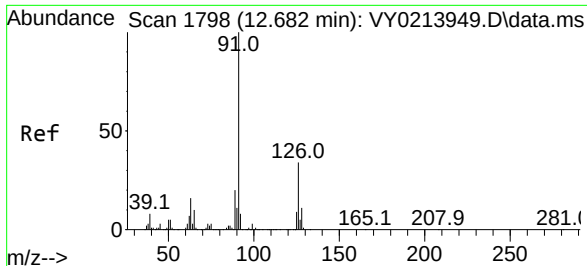
Tgt Ion:156 Resp: 139060
Ion Ratio Lower Upper
156 100
77 182.9 93.6 280.8
158 96.5 48.3 144.8



#78
n-propylbenzene
Concen: 48.581 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 91 Resp: 742193
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 47.287 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

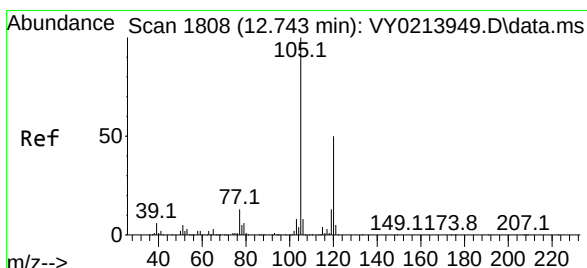
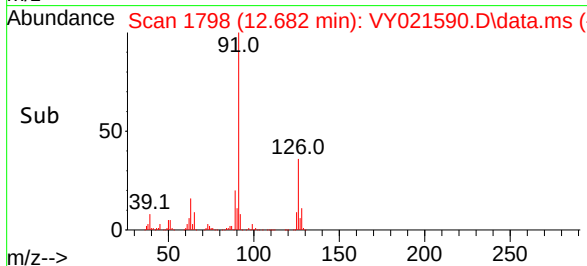
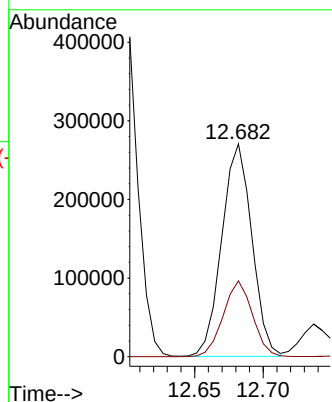
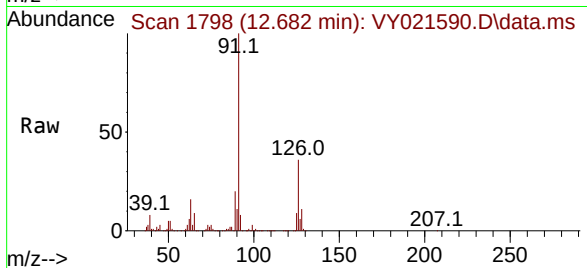
VSTDCCC050

Tgt Ion: 91 Resp: 413081

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 49.335 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021590.D

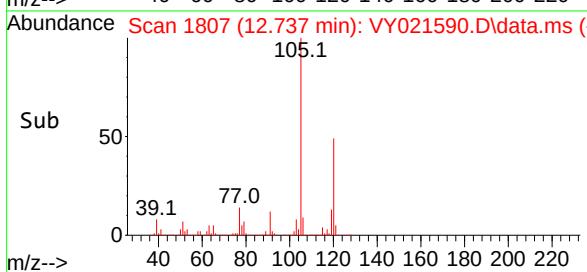
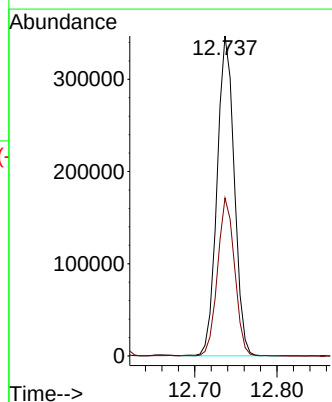
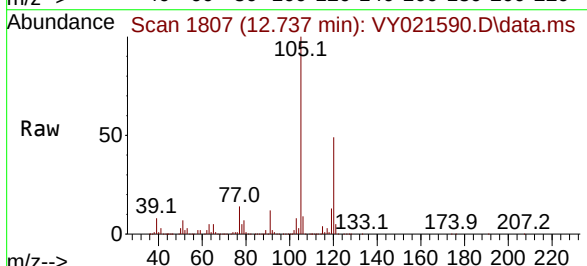
Acq: 21 Mar 2025 11:04

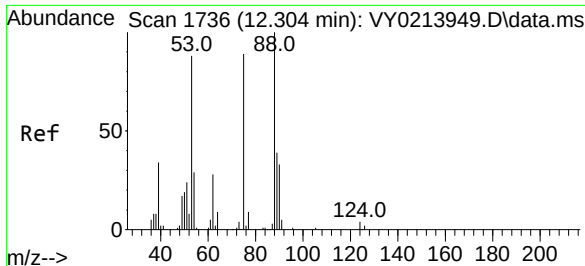
Tgt Ion:105 Resp: 504342

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.6

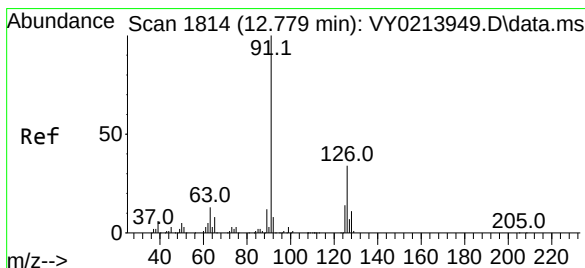
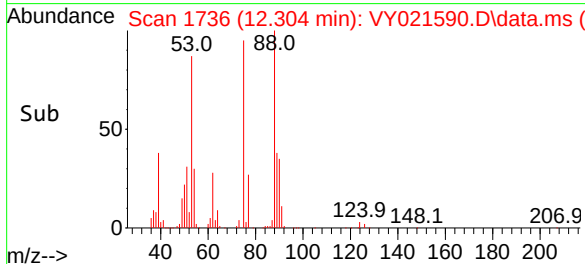
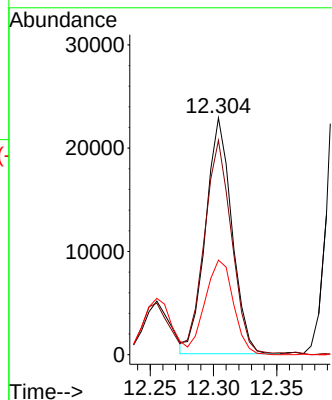
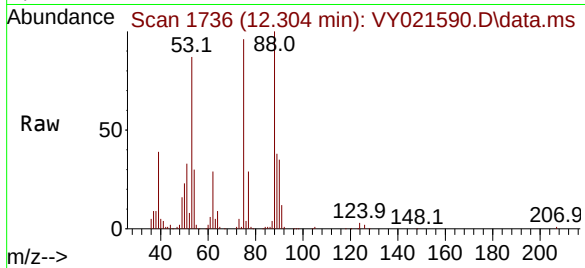




#81
trans-1,4-Dichloro-2-butene
Concen: 46.632 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

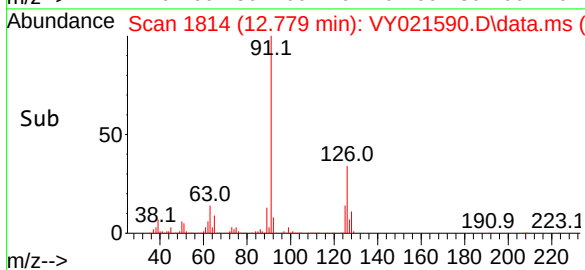
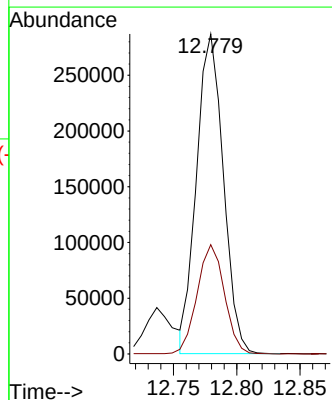
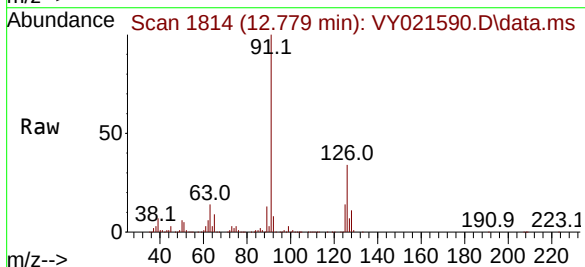
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

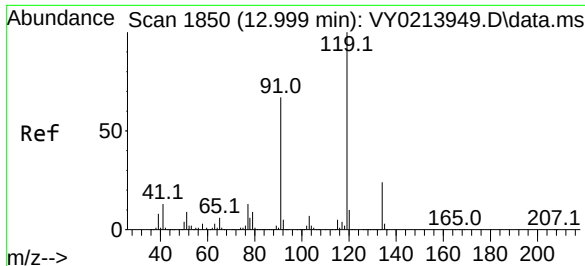
Tgt Ion: 75 Resp: 33009
Ion Ratio Lower Upper
75 100
53 95.6 81.0 121.4
89 43.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 46.704 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 91 Resp: 422472
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0

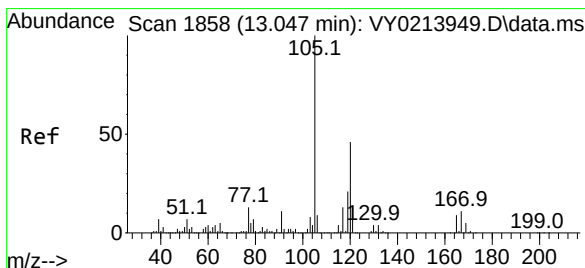
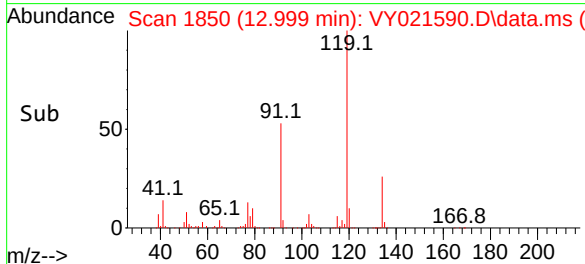
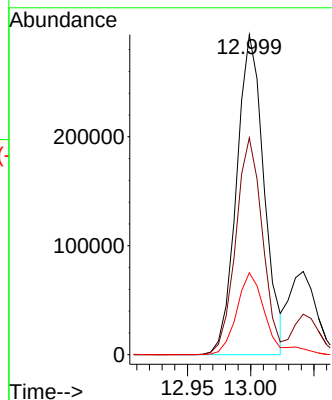
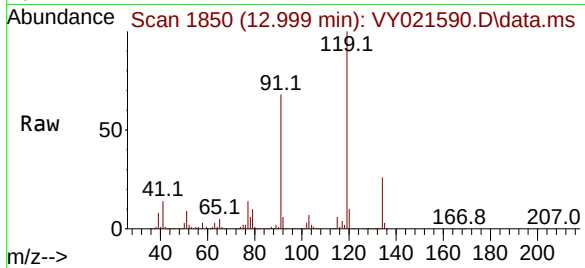




#83
 tert-Butylbenzene
 Concen: 48.669 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

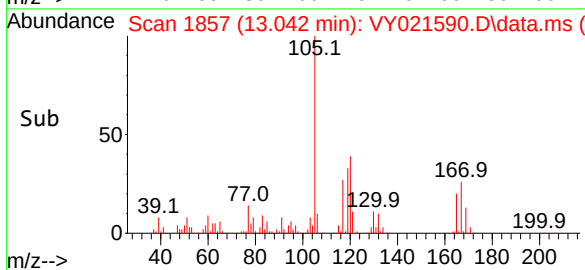
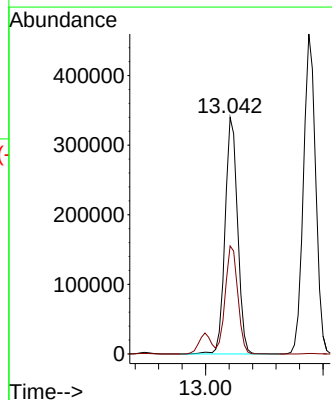
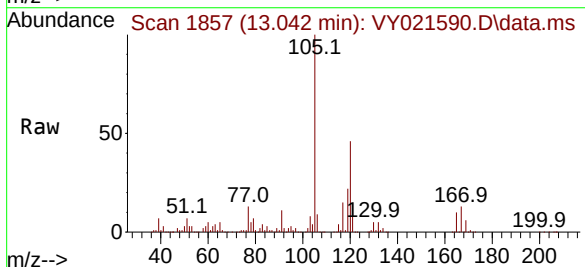
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

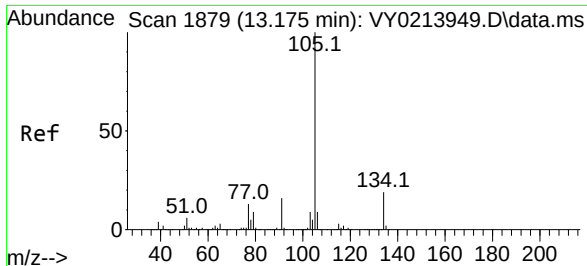
Tgt Ion:119 Resp: 443848
 Ion Ratio Lower Upper
 119 100
 91 65.8 33.2 99.6
 134 27.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.484 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

Tgt Ion:105 Resp: 502266
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1

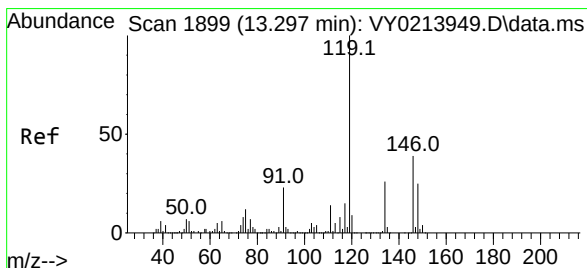
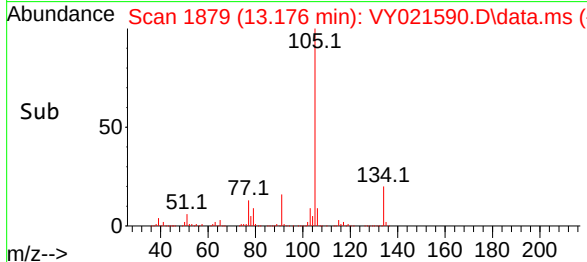
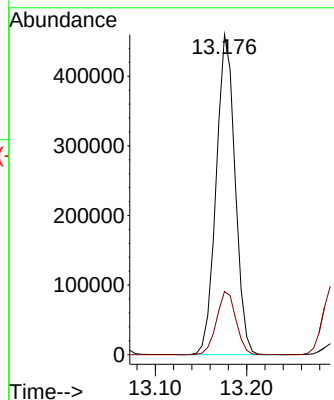
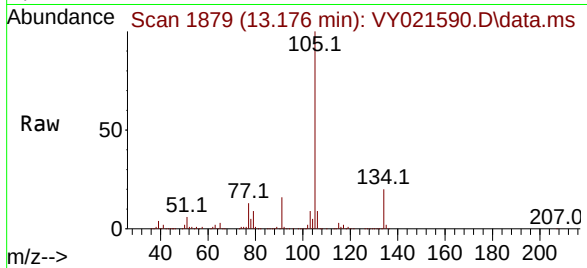




#85
 sec-Butylbenzene
 Concen: 48.706 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

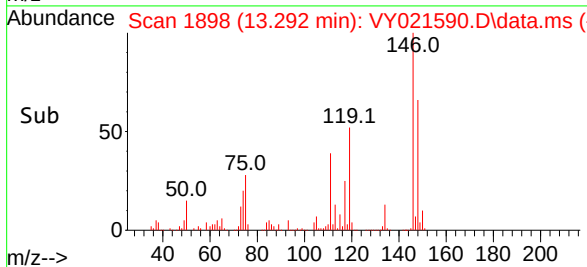
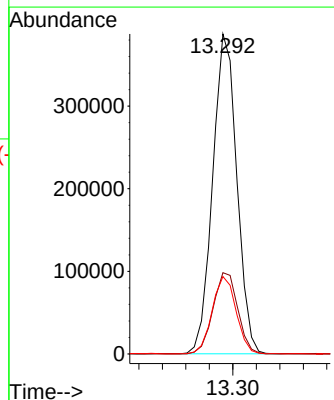
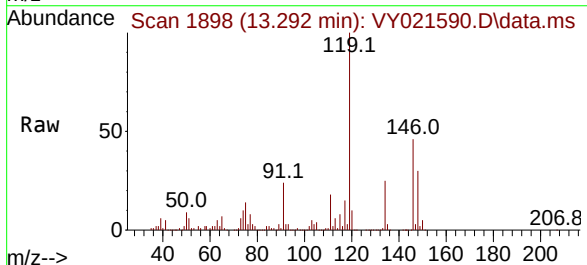
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

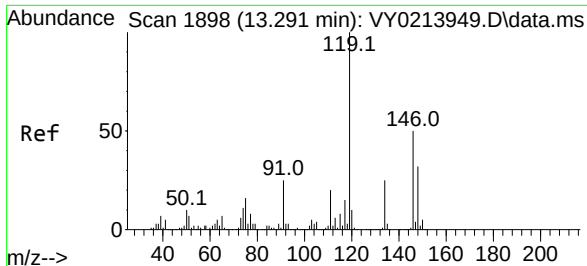
Tgt Ion:105 Resp: 660880
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.412 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

Tgt Ion:119 Resp: 552355
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.769 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

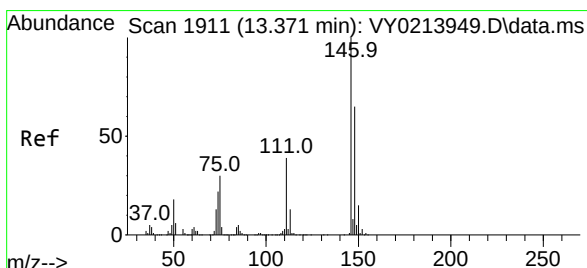
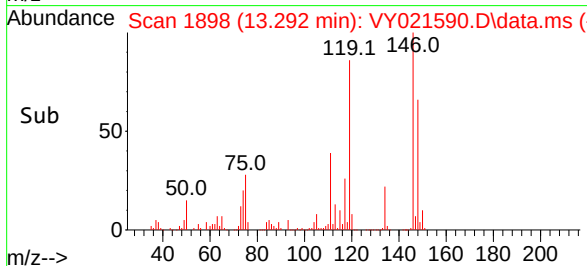
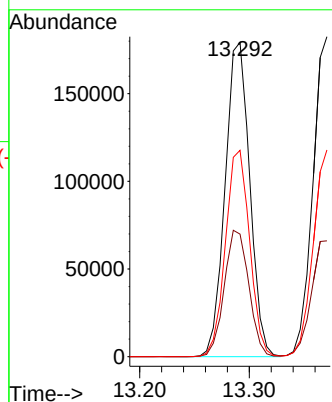
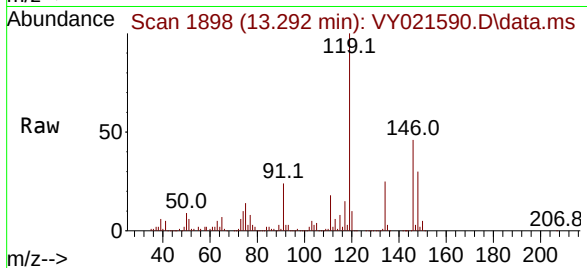
Tgt Ion:146 Resp: 279836

Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.278 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021590.D

Acq: 21 Mar 2025 11:04

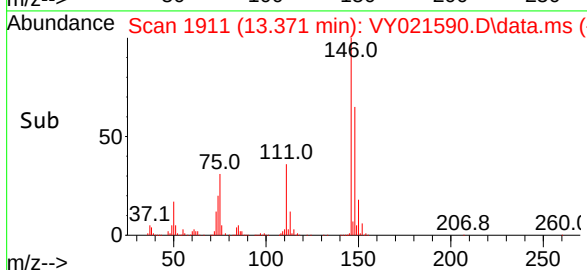
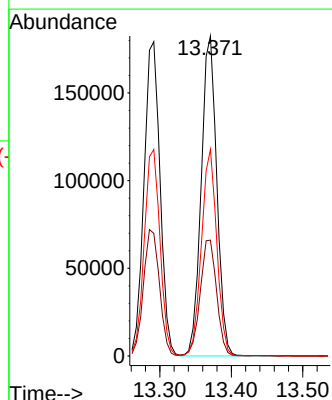
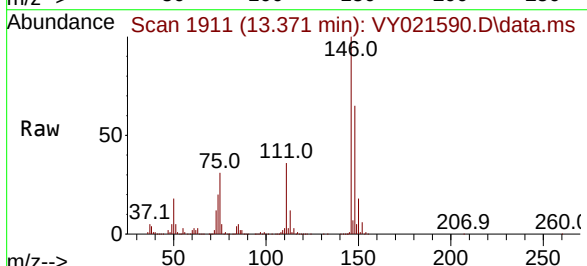
Tgt Ion:146 Resp: 276591

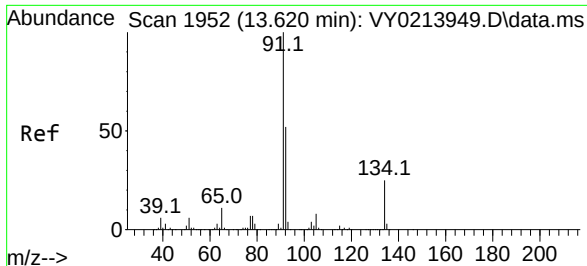
Ion Ratio Lower Upper

146 100

111 38.1 19.6 58.8

148 63.4 32.3 96.8

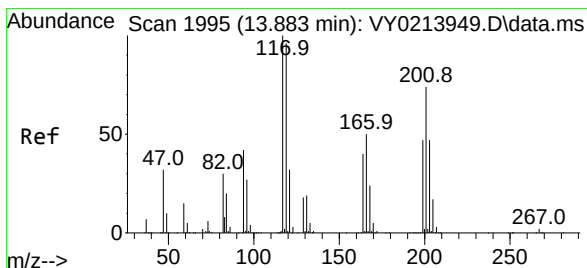
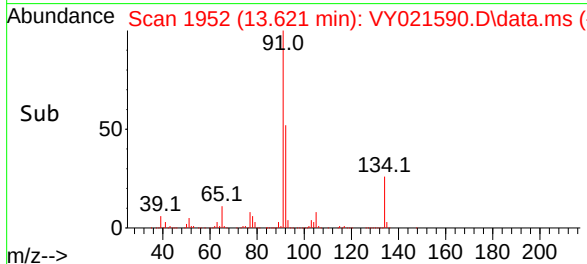
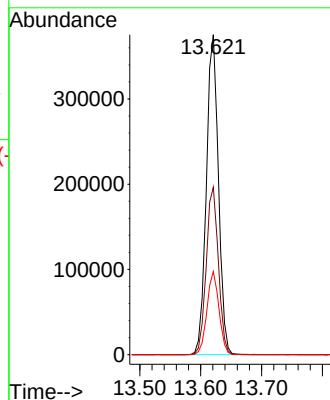
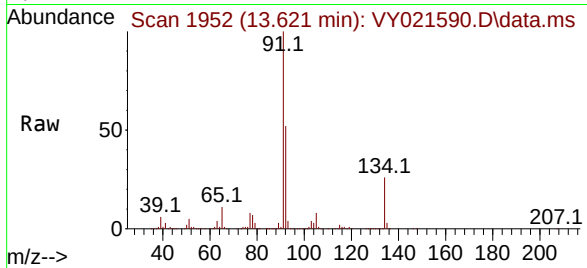




#89
n-Butylbenzene
Concen: 50.185 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

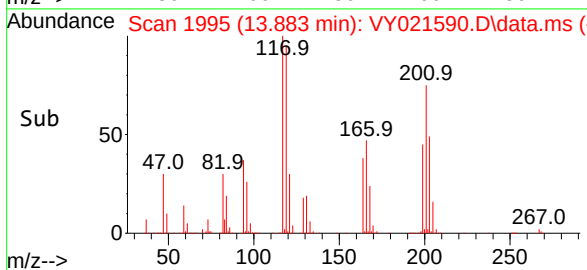
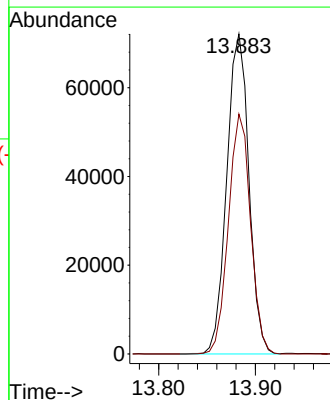
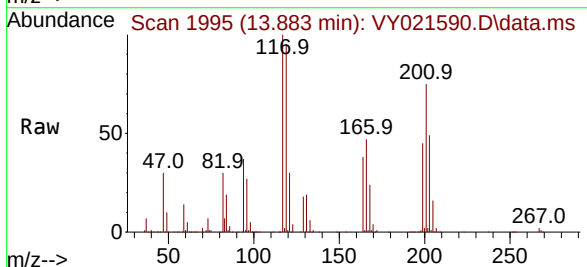
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

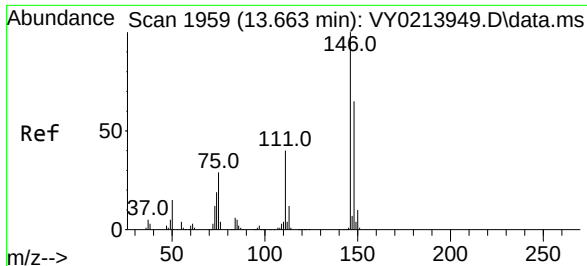
Tgt Ion: 91 Resp: 518028
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.3
134 25.9 12.6 37.8



#90
Hexachloroethane
Concen: 48.134 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion: 117 Resp: 114788
Ion Ratio Lower Upper
117 100
201 74.9 37.4 112.2

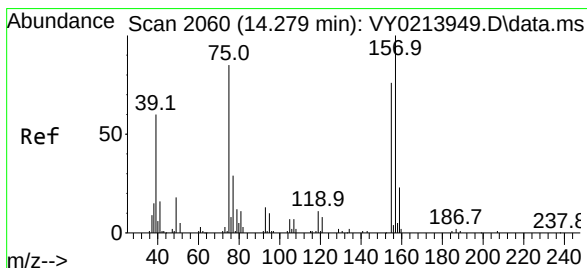
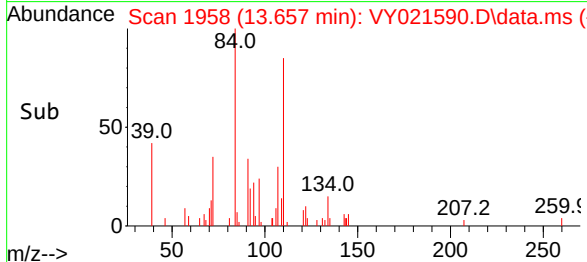
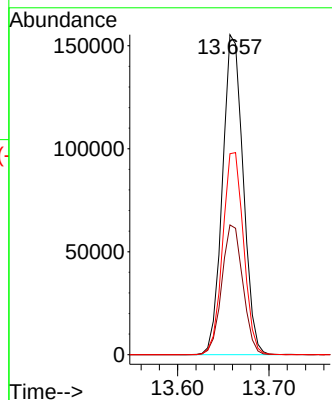
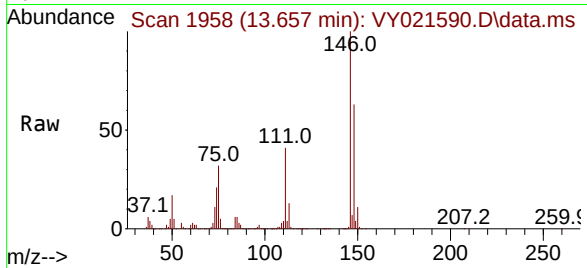




#91
 1,2-Dichlorobenzene
 Concen: 48.636 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

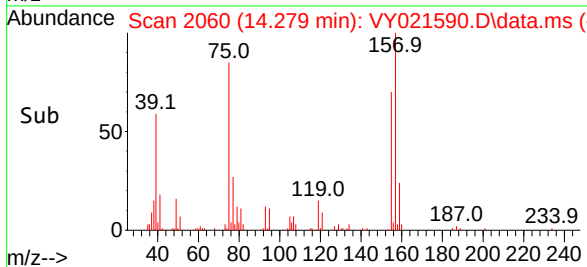
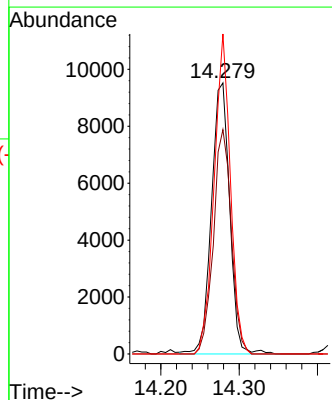
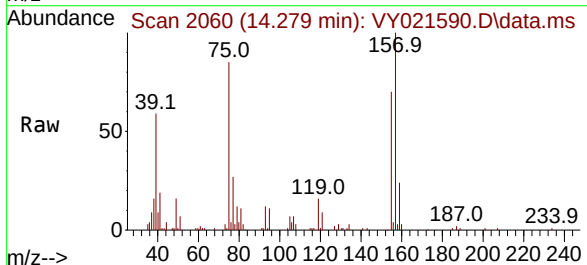
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

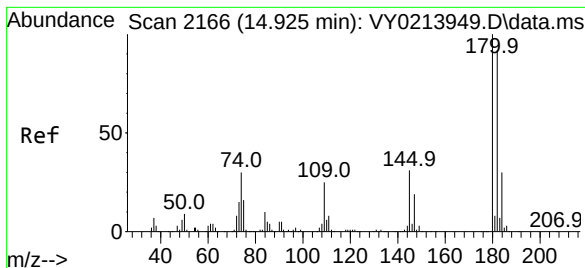
Tgt Ion:146 Resp: 244196
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 63.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.195 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

Tgt Ion: 75 Resp: 15361
 Ion Ratio Lower Upper
 75 100
 155 81.3 43.5 130.5
 157 106.0 54.4 163.2

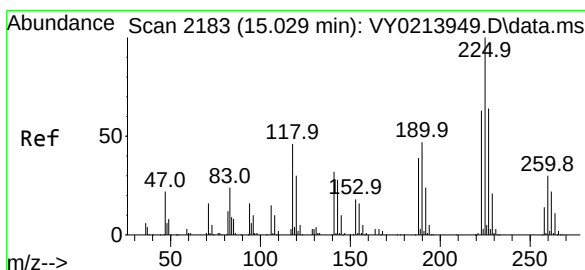
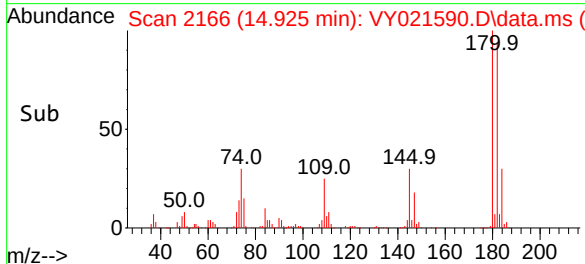
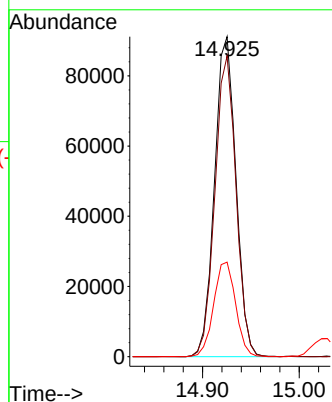
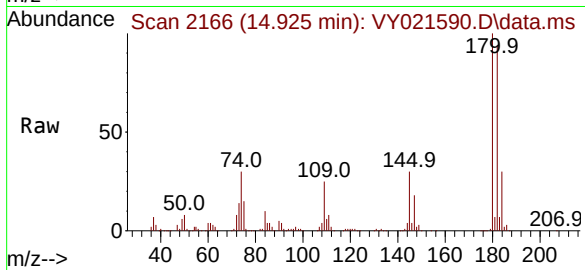




#93
 1,2,4-Trichlorobenzene
 Concen: 51.019 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

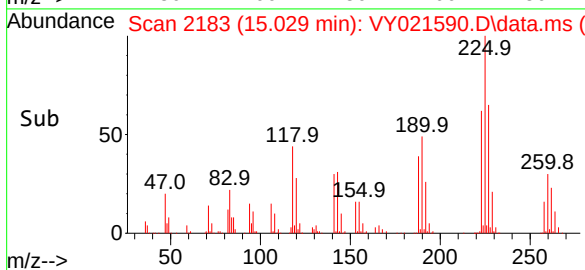
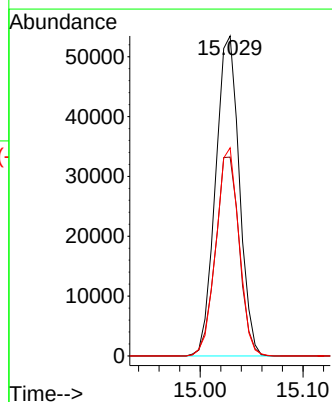
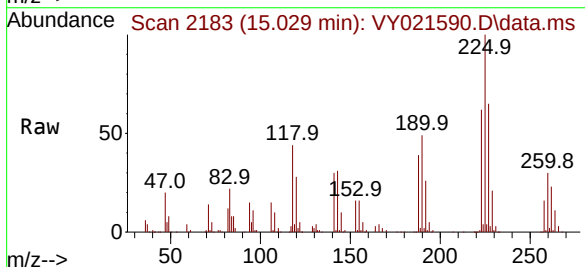
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

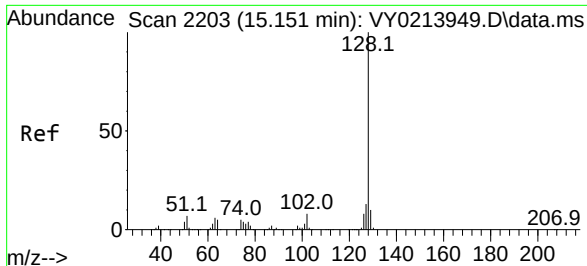
Tgt Ion:180 Resp: 139915
 Ion Ratio Lower Upper
 180 100
 182 92.9 46.7 140.0
 145 30.4 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 49.774 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021590.D
 Acq: 21 Mar 2025 11:04

Tgt Ion:225 Resp: 85565
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.2
 227 63.0 31.8 95.4

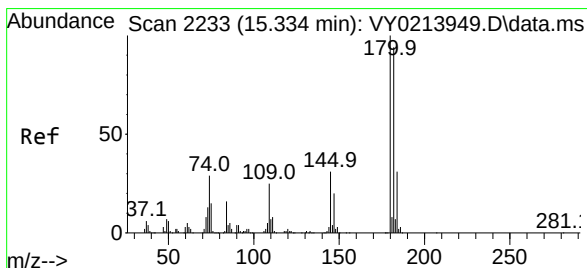
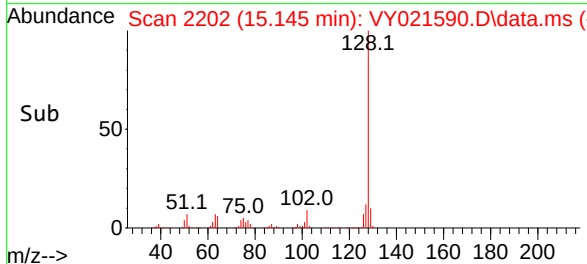
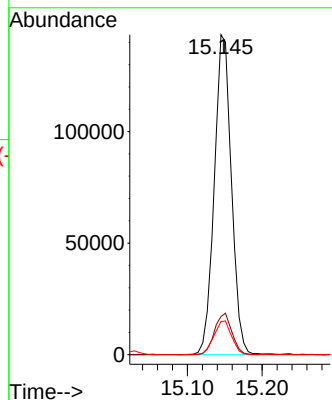
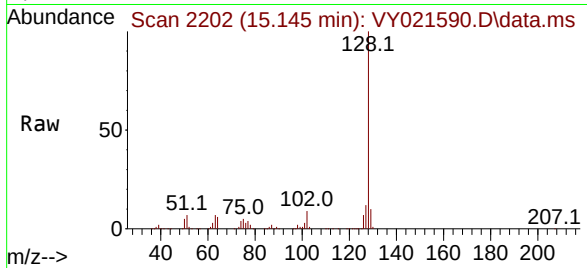




#95
Naphthalene
Concen: 49.543 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 229369
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.170 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021590.D
Acq: 21 Mar 2025 11:04

Tgt Ion:180 Resp: 115717
Ion Ratio Lower Upper
180 100
182 94.3 47.2 141.6
145 33.1 16.4 49.1

