

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021641.D
 Acq On : 25 Mar 2025 17:19
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 26 01:38:18 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	7.713	168	149934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	248353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	228909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	123003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106652	67.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.600%
35) Dibromofluoromethane	7.634	113	103854	63.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.240%
50) Toluene-d8	10.109	98	371459	60.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	120.200%
62) 4-Bromofluorobenzene	12.407	95	133273	63.387	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	126.780%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	50367	36.607	ug/l	99
3) Chloromethane	2.068	50	88487	45.616	ug/l	100
4) Vinyl Chloride	2.202	62	98448	46.441	ug/l	100
5) Bromomethane	2.598	94	73835	48.192	ug/l	96
6) Chloroethane	2.732	64	74664	53.298	ug/l	97
7) Trichlorofluoromethane	3.062	101	147372	49.808	ug/l	96
8) Diethyl Ether	3.458	74	45314	55.263	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	74251	43.954	ug/l	98
10) Methyl Iodide	4.000	142	91783	53.450	ug/l	99
11) Tert butyl alcohol	4.866	59	24558	237.194	ug/l	97
12) 1,1-Dichloroethene	3.787	96	71031	46.120	ug/l	96
13) Acrolein	3.653	56	904	11.215	ug/l	89
14) Allyl chloride	4.385	41	123731	49.712	ug/l	99
15) Acrylonitrile	5.061	53	99331	284.572	ug/l	99
16) Acetone	3.872	43	71556	207.025	ug/l	90
17) Carbon Disulfide	4.110	76	201679	41.784	ug/l	99
18) Methyl Acetate	4.385	43	72412	94.420	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	213646	54.730	ug/l	99
20) Methylene Chloride	4.616	84	97832	53.922	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	85559	49.604	ug/l	97
22) Diisopropyl ether	6.018	45	303665	56.612	ug/l	99
23) Vinyl Acetate	5.963	43	747582	244.210	ug/l	99
24) 1,1-Dichloroethane	5.915	63	170036	53.711	ug/l	99
25) 2-Butanone	6.896	43	121376	253.859	ug/l	99
26) 2,2-Dichloropropane	6.884	77	121600	41.746	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	104573	53.368	ug/l	97
28) Bromochloromethane	7.244	49	74462	56.104	ug/l	99
29) Tetrahydrofuran	7.268	42	81832	277.237	ug/l	100
30) Chloroform	7.421	83	184179	56.027	ug/l	96
31) Cyclohexane	7.701	56	117434	39.568	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	155273	51.586	ug/l	98
36) 1,1-Dichloropropene	7.835	75	114016	44.619	ug/l	100
37) Ethyl Acetate	6.982	43	53247	47.146	ug/l	99
38) Carbon Tetrachloride	7.817	117	134608	45.804	ug/l	99
39) Methylcyclohexane	9.109	83	120175	38.341	ug/l	97
40) Benzene	8.079	78	373756	49.653	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	34496	56.094	ug/l	95
42) 1,2-Dichloroethane	8.158	62	110359	52.407	ug/l	100
43) Isopropyl Acetate	8.195	43	108566	49.517	ug/l #	90
44) Trichloroethene	8.865	130	93351	49.076	ug/l	95
45) 1,2-Dichloropropane	9.140	63	92638	51.709	ug/l	97
46) Dibromomethane	9.231	93	53375	53.545	ug/l	100
47) Bromodichloromethane	9.426	83	141497	53.451	ug/l	99
48) Methyl methacrylate	9.219	41	52079	51.729	ug/l	94
49) 1,4-Dioxane	9.231	88	10900	1114.050	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	308464	272.676	ug/l	99
52) Toluene	10.170	92	239275	50.419	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	119323	51.162	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	138763	50.113	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	70253	53.877	ug/l	98
56) Ethyl methacrylate	10.438	69	90788	54.593	ug/l	97
57) 1,3-Dichloropropane	10.719	76	121074	53.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	248959	324.303	ug/l	99
59) 2-Hexanone	10.761	43	201273	269.078	ug/l	99
60) Dibromochloromethane	10.914	129	97615	54.606	ug/l	99
61) 1,2-Dibromoethane	11.017	107	65908	53.556	ug/l	99
64) Tetrachloroethene	10.646	164	97653	52.462	ug/l	99
65) Chlorobenzene	11.444	112	261429	48.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	96657	50.576	ug/l	99
67) Ethyl Benzene	11.517	91	451036	47.538	ug/l	100
68) m/p-Xylenes	11.627	106	345347	95.874	ug/l	99
69) o-Xylene	11.956	106	165084	49.727	ug/l	99
70) Styrene	11.969	104	283006	51.386	ug/l	100
71) Bromoform	12.133	173	55787	52.218	ug/l #	99
73) Isopropylbenzene	12.255	105	424252	43.786	ug/l	99
74) N-amyl acetate	12.072	43	93213	44.297	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	79542	46.521	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	102527	82.718	ug/l #	100
77) Bromobenzene	12.535	156	105022	46.331	ug/l	99
78) n-propylbenzene	12.596	91	513212	43.613	ug/l	100
79) 2-Chlorotoluene	12.682	91	304787	45.298	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	352977	44.828	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22201	40.718	ug/l	98
82) 4-Chlorotoluene	12.779	91	316277	45.393	ug/l	99
83) tert-Butylbenzene	12.999	119	315073	44.854	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	355900	45.523	ug/l	100
85) sec-Butylbenzene	13.176	105	451631	43.213	ug/l	99
86) p-Isopropyltoluene	13.291	119	373106	43.333	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	203812	45.169	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	200690	45.479	ug/l	99
89) n-Butylbenzene	13.621	91	331259	41.664	ug/l	100
90) Hexachloroethane	13.883	117	83632	45.530	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	183716	47.505	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12466	48.672	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	95930	45.414	ug/l	98
94) Hexachlorobutadiene	15.023	225	58194	43.949	ug/l	99
95) Naphthalene	15.145	128	171609	48.280	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	85144	47.926	ug/l	100

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

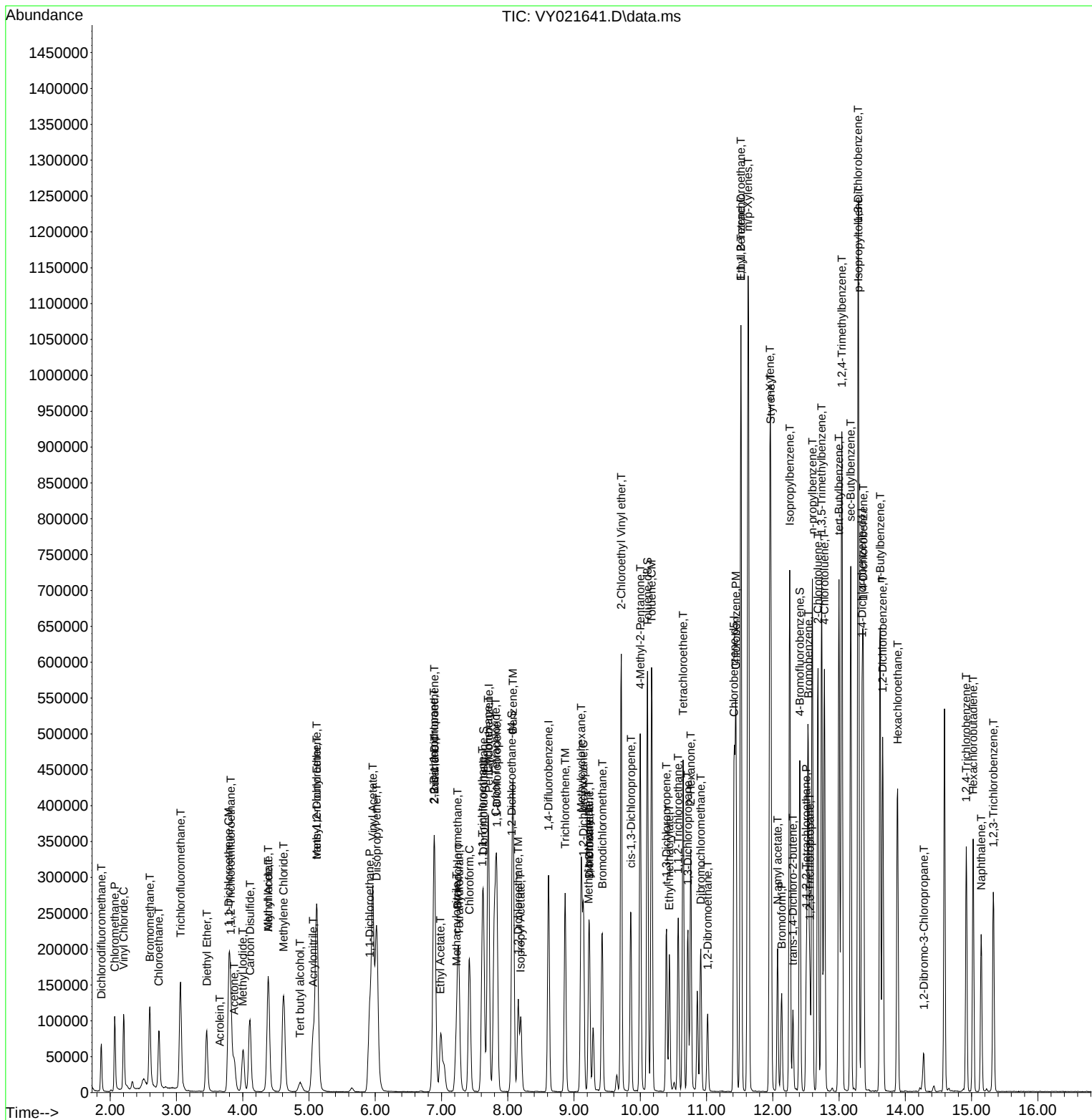
Quant Time: Mar 26 01:38:18 2025
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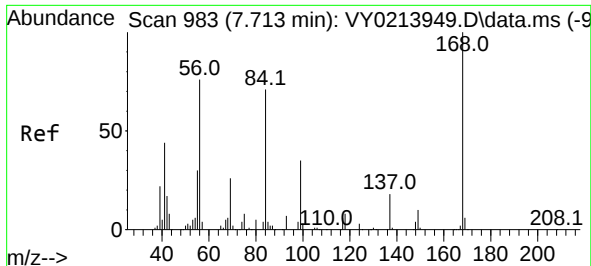
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
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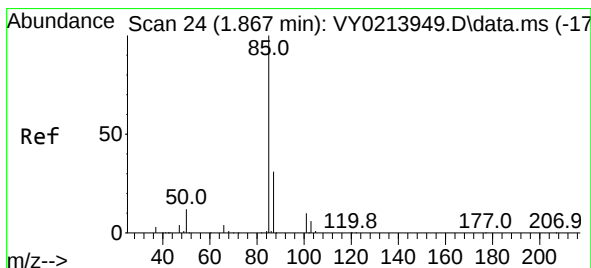
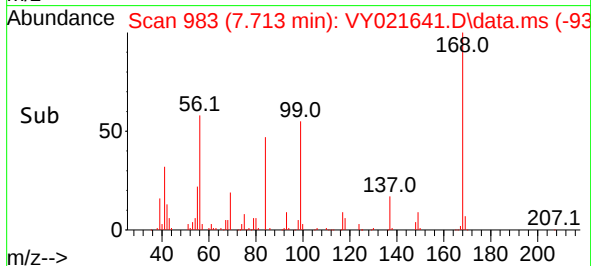
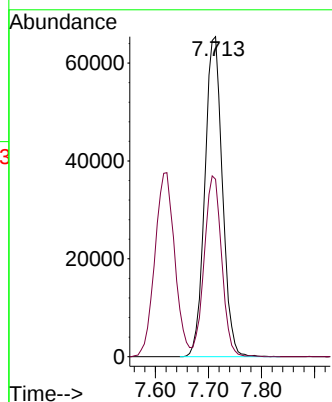
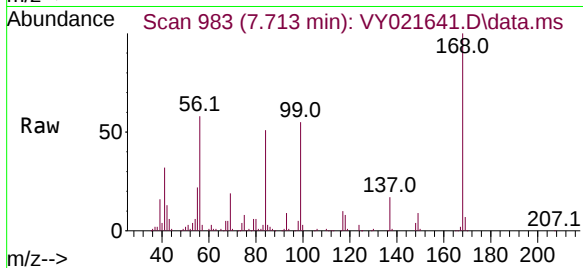




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021641.D
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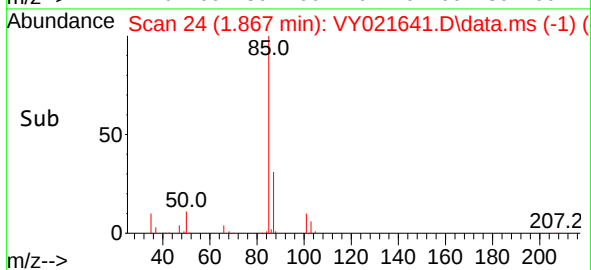
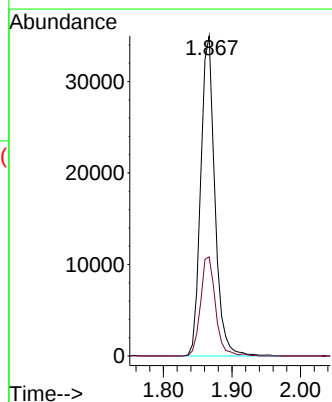
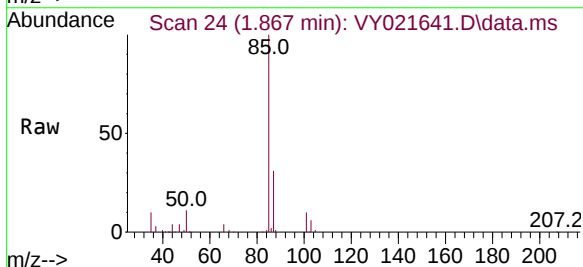
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

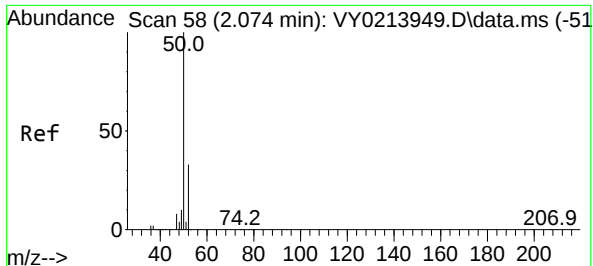
Tgt Ion:168 Resp: 149934
Ion Ratio Lower Upper
168 100
99 55.5 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 36.607 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 85 Resp: 50367
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0





#3

Chloromethane

Concen: 45.616 ug/l

RT: 2.068 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

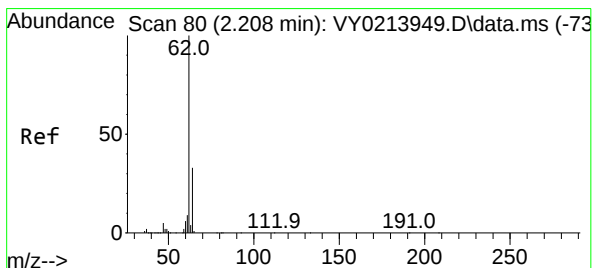
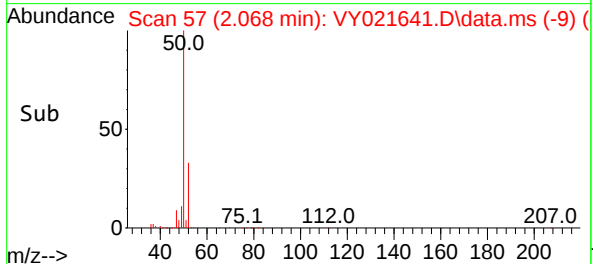
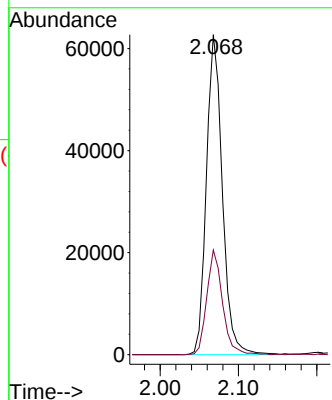
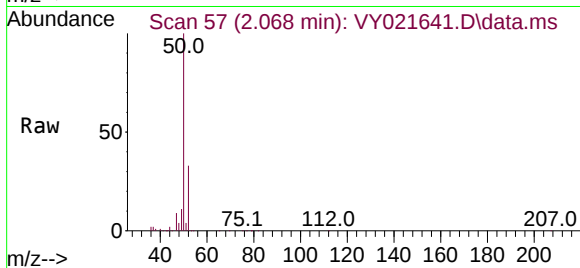
VSTDCCC050EC

Tgt Ion: 50 Resp: 88487

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 46.441 ug/l

RT: 2.202 min Scan# 79

Delta R.T. -0.006 min

Lab File: VY021641.D

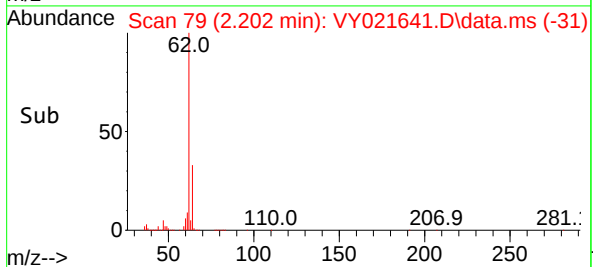
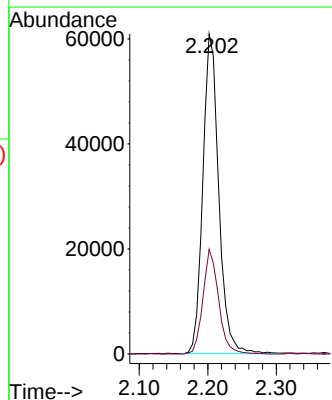
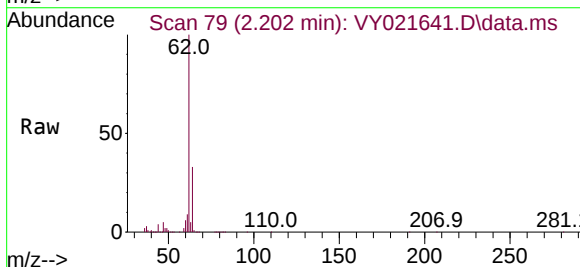
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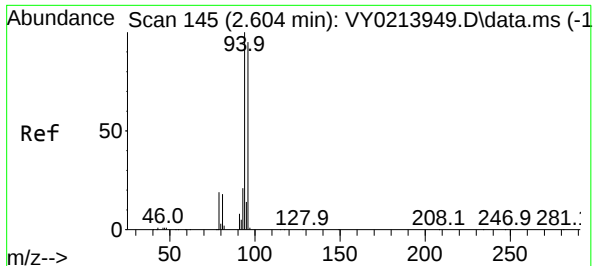
Tgt Ion: 62 Resp: 98448

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2

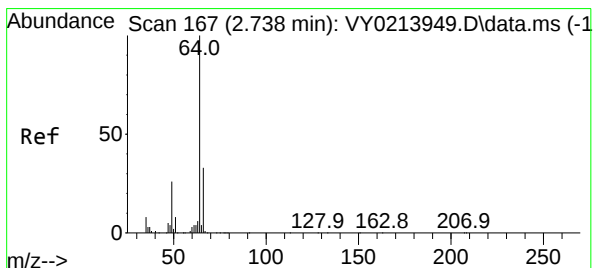
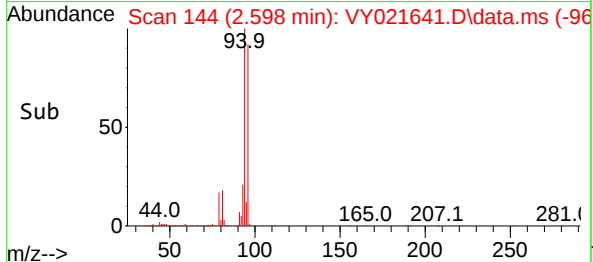
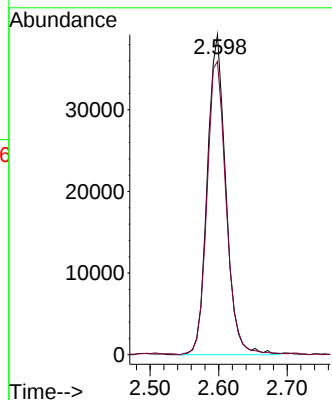
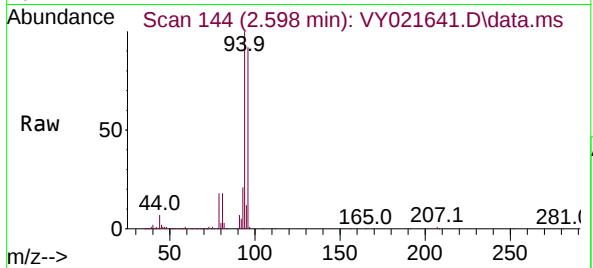




#5
Bromomethane
Concen: 48.192 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

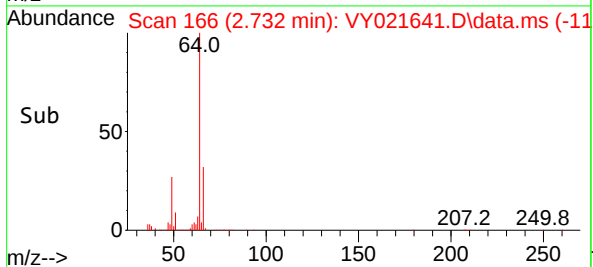
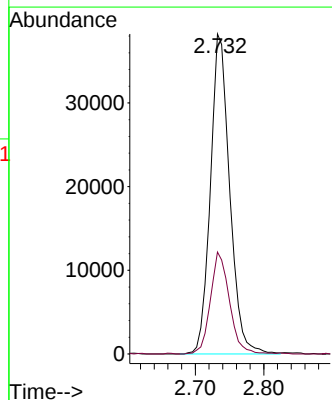
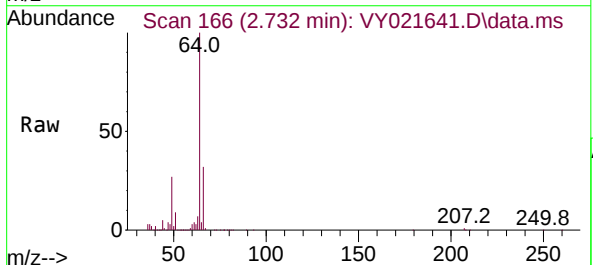
Instrument :
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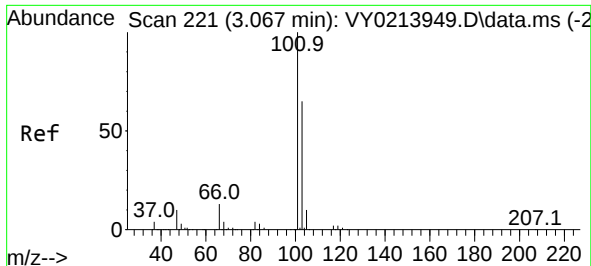
Tgt Ion: 94 Resp: 73835
Ion Ratio Lower Upper
94 100
96 91.7 76.3 114.5



#6
Chloroethane
Concen: 53.298 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 64 Resp: 74664
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1

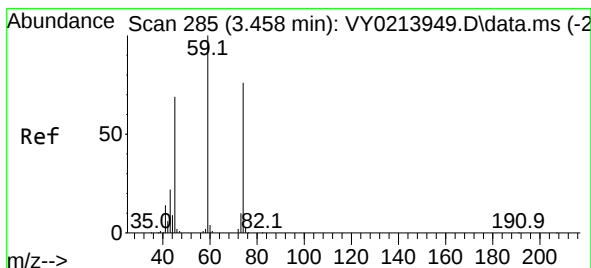
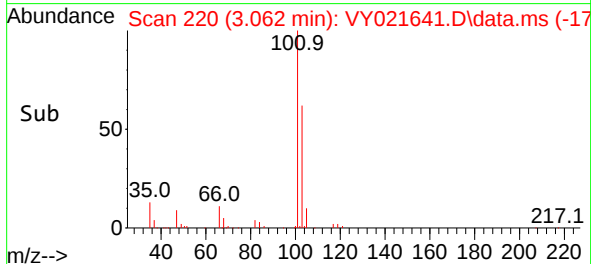
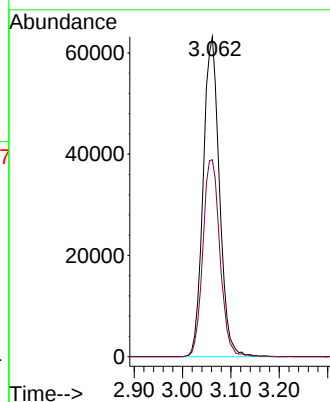
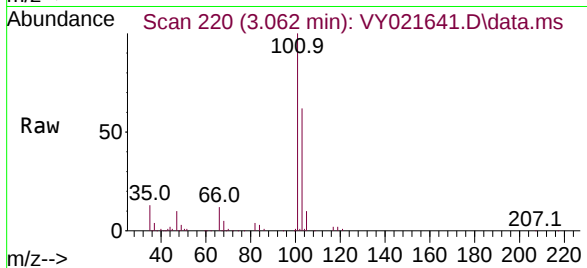




#7
 Trichlorofluoromethane
 Concen: 49.808 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

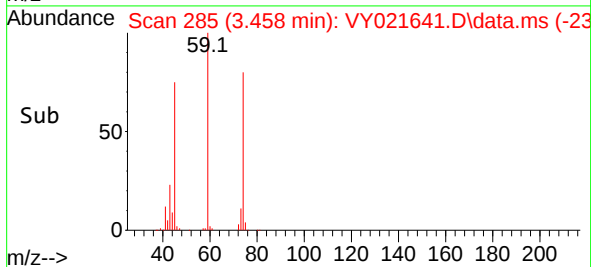
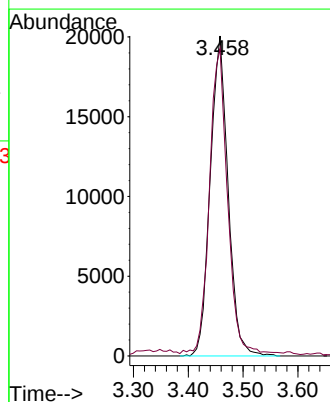
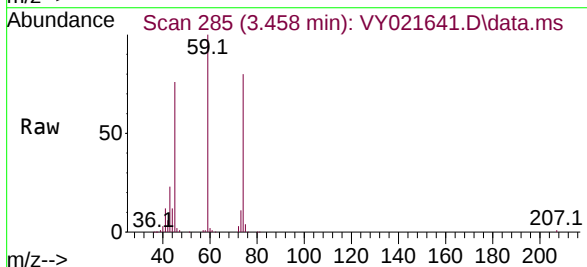
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

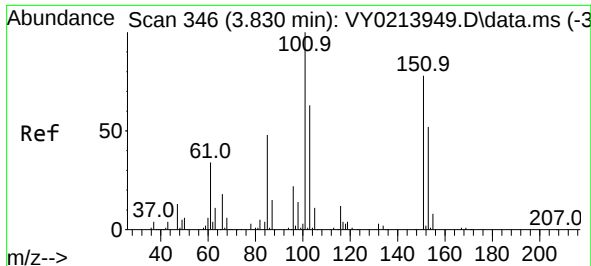
Tgt Ion:101 Resp: 147372
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 55.263 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion: 74 Resp: 45314
 Ion Ratio Lower Upper
 74 100
 45 95.7 49.7 149.1

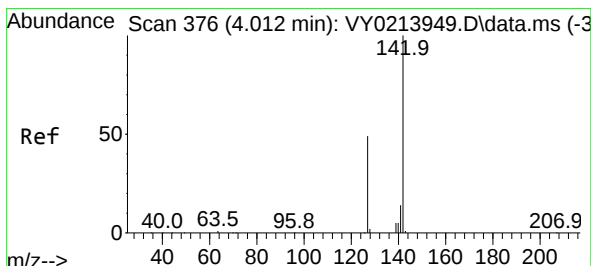
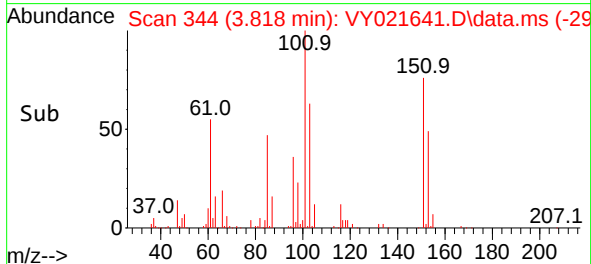
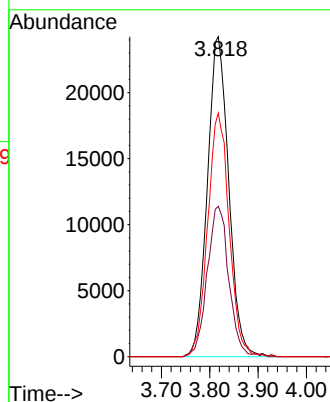
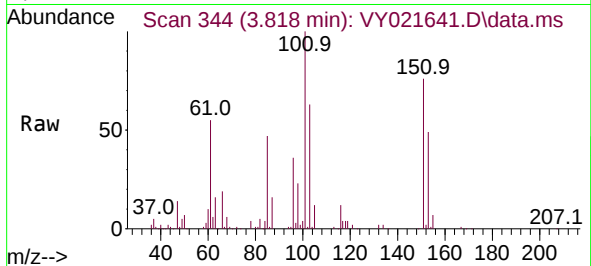




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.954 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

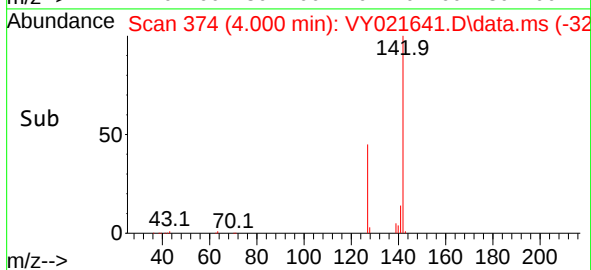
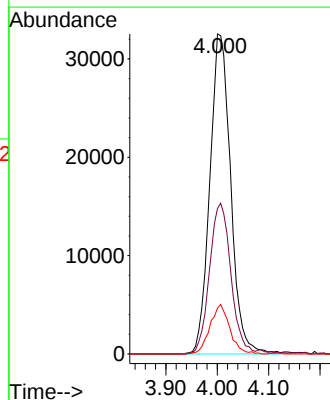
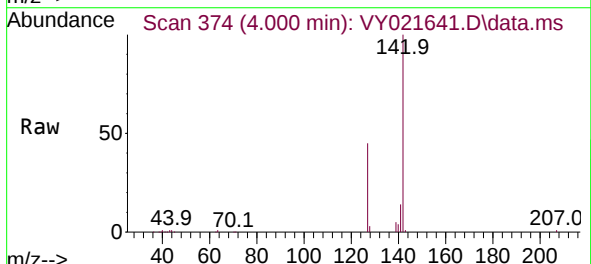
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

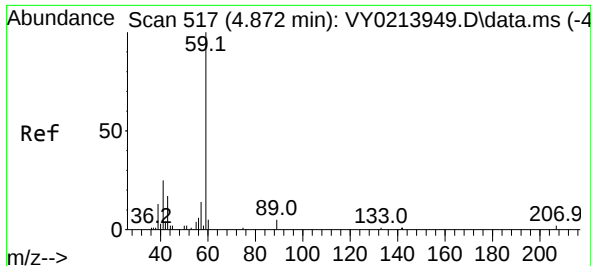
Tgt Ion:101 Resp: 74251
Ion Ratio Lower Upper
101 100
85 47.6 37.1 55.7
151 76.5 62.1 93.1



#10
Methyl Iodide
Concen: 53.450 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion:142 Resp: 91783
Ion Ratio Lower Upper
142 100
127 48.0 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 237.194 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

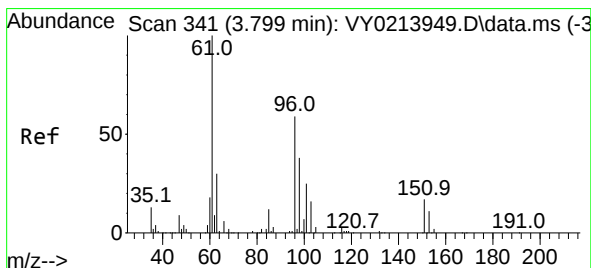
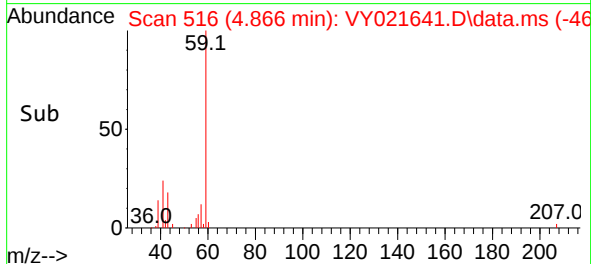
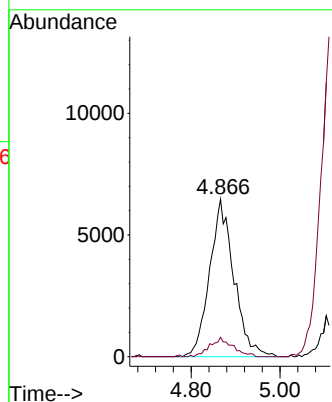
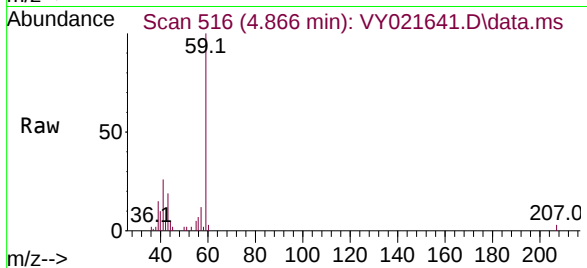
VSTDCCC050EC

Tgt Ion: 59 Resp: 24558

Ion Ratio Lower Upper

59 100

57 11.5 8.2 12.4



#12

1,1-Dichloroethene

Concen: 46.120 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

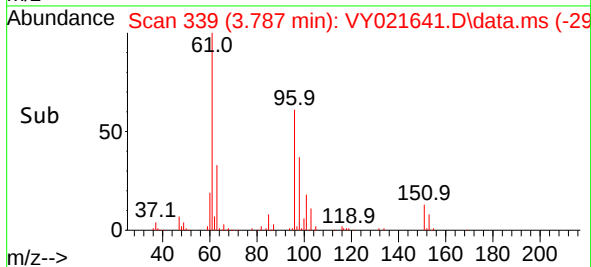
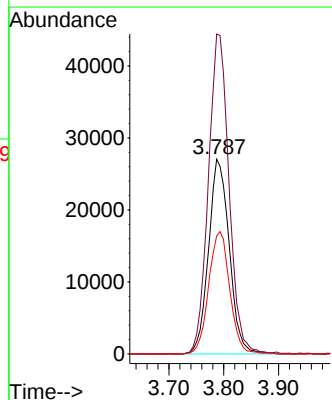
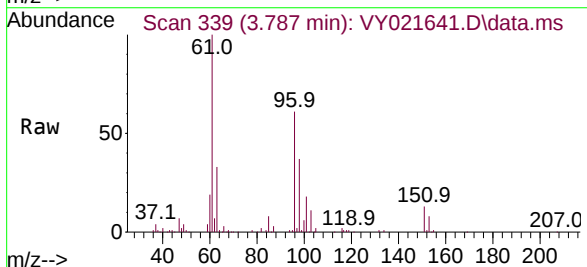
Tgt Ion: 96 Resp: 71031

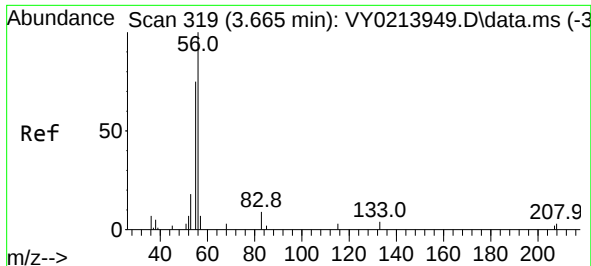
Ion Ratio Lower Upper

96 100

61 164.3 135.2 202.8

98 60.6 51.4 77.2

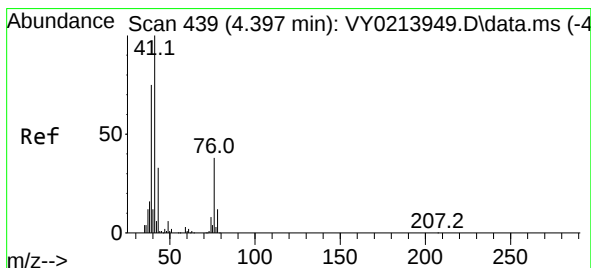
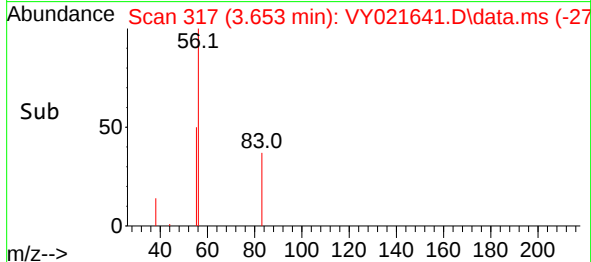
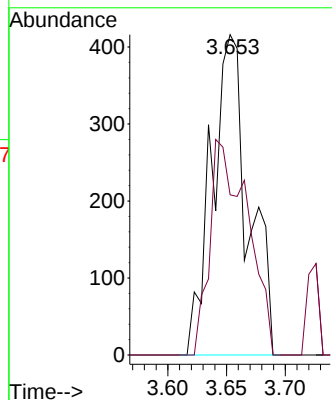
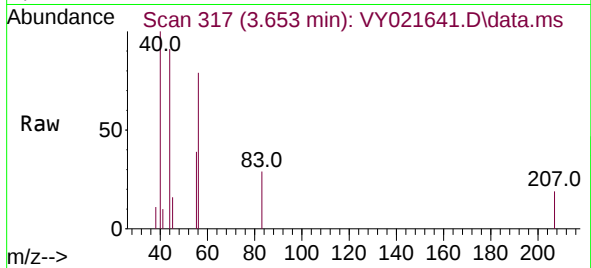




#13
Acrolein
Concen: 11.215 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

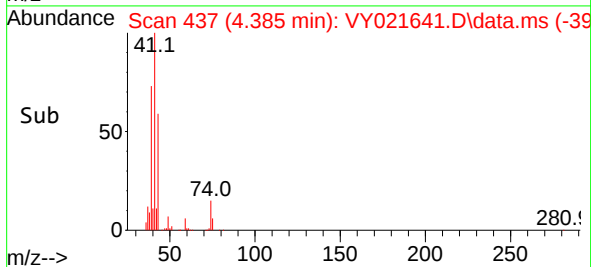
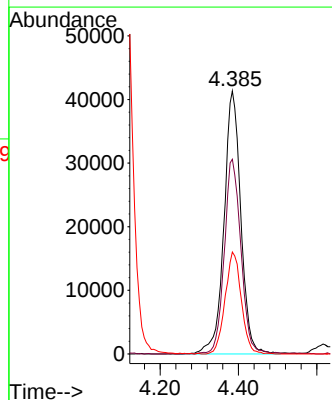
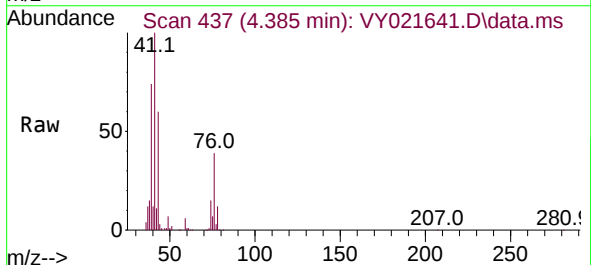
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

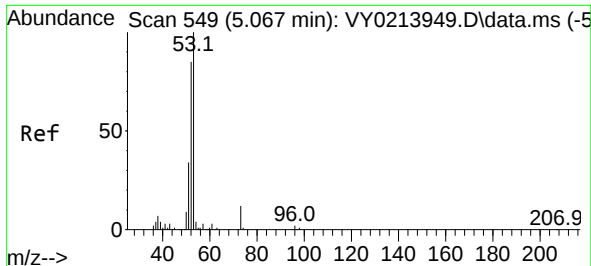
Tgt Ion: 56 Resp: 904
Ion Ratio Lower Upper
56 100
55 69.4 63.4 95.2



#14
Allyl chloride
Concen: 49.712 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 41 Resp: 123731
Ion Ratio Lower Upper
41 100
39 73.1 59.3 88.9
76 37.3 29.8 44.8

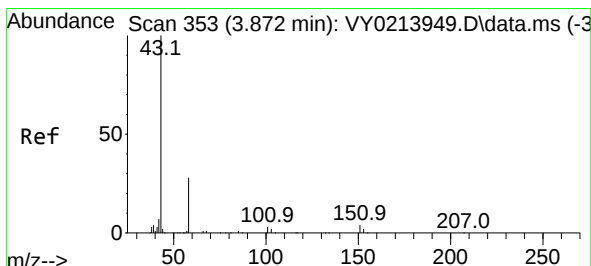
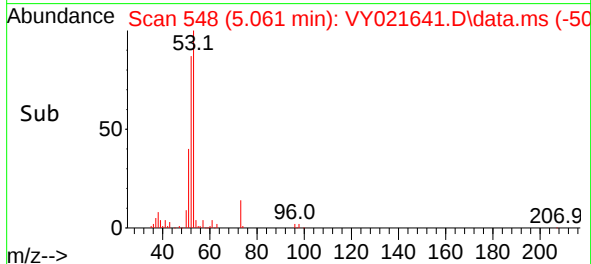
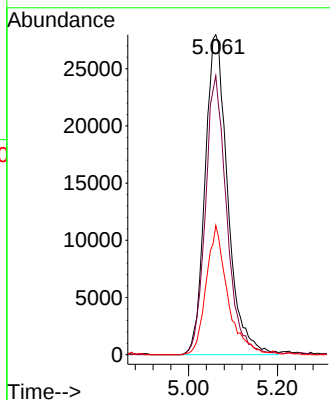
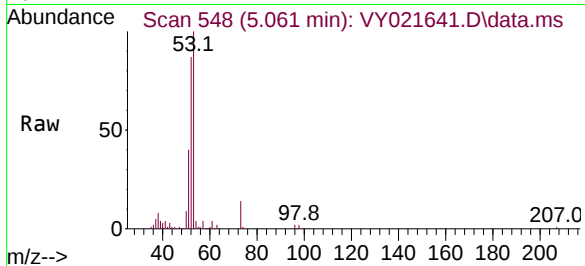




#15
Acrylonitrile
Concen: 284.572 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

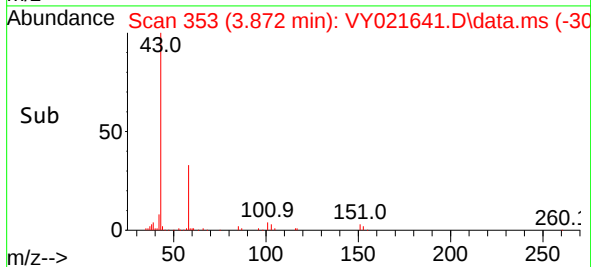
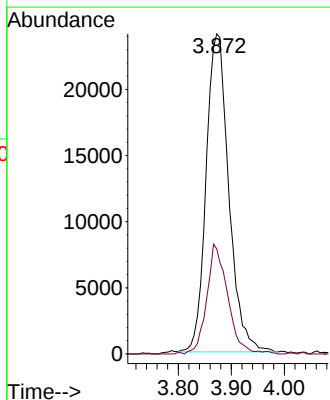
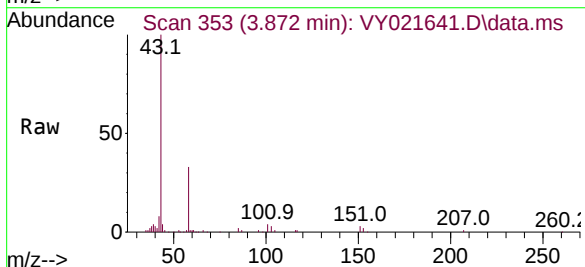
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

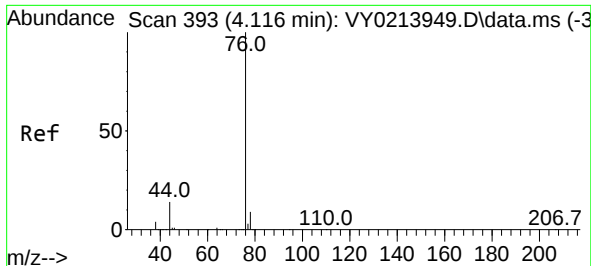
Tgt Ion: 53 Resp: 99331
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 38.3 30.3 45.5



#16
Acetone
Concen: 207.025 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 43 Resp: 71556
Ion Ratio Lower Upper
43 100
58 33.0 22.1 33.1

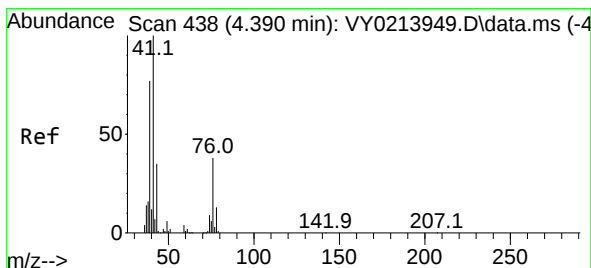
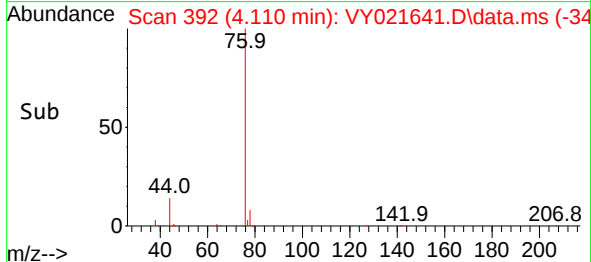
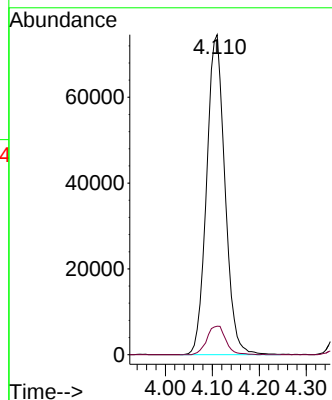
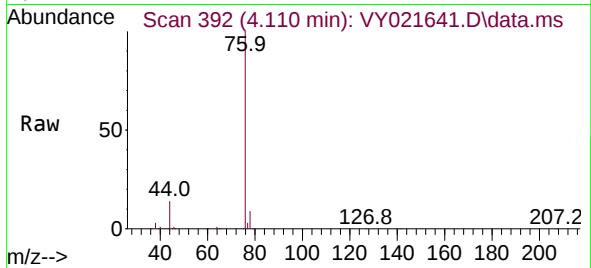




#17
Carbon Disulfide
Concen: 41.784 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

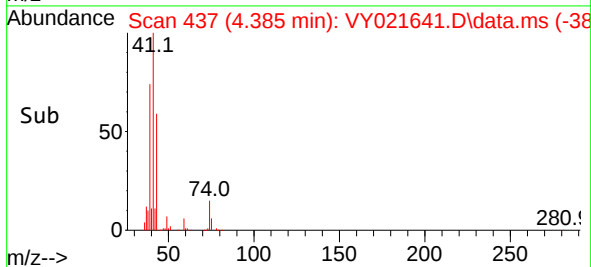
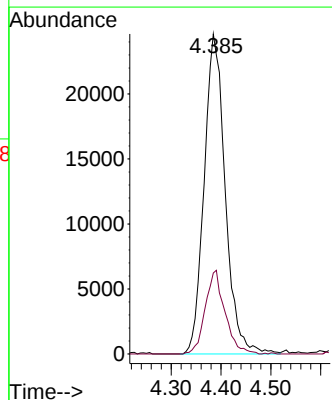
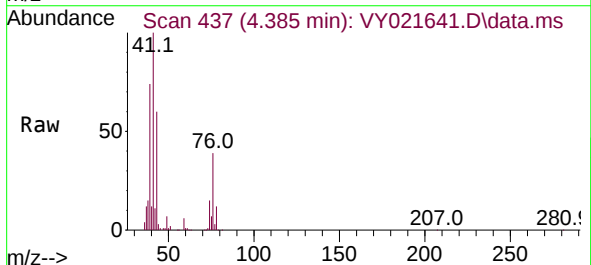
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

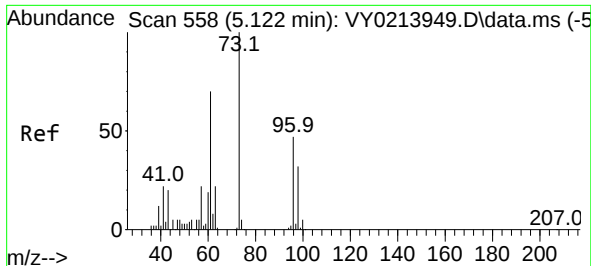
Tgt Ion: 76 Resp: 201679
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 94.420 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 43 Resp: 72412
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0

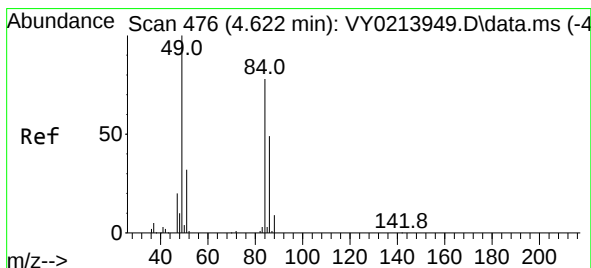
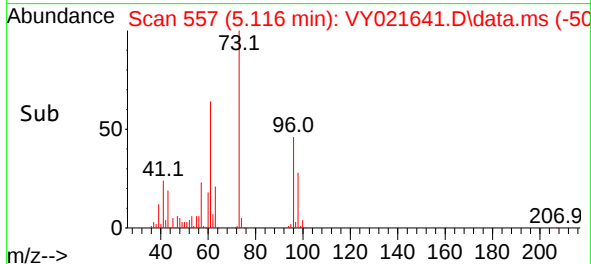
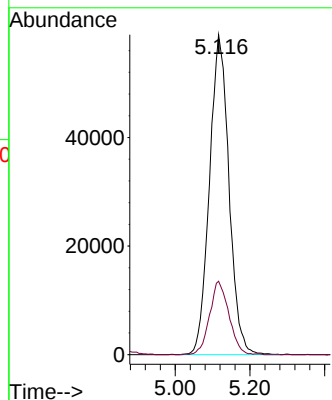
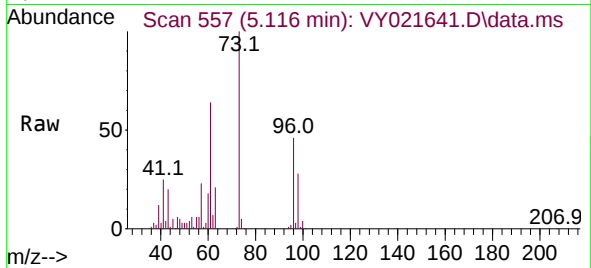




#19
Methyl tert-butyl Ether
Concen: 54.730 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

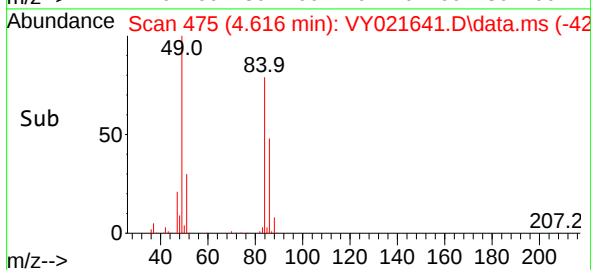
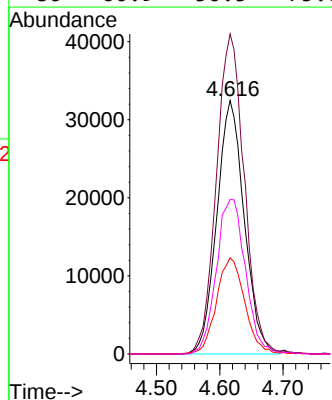
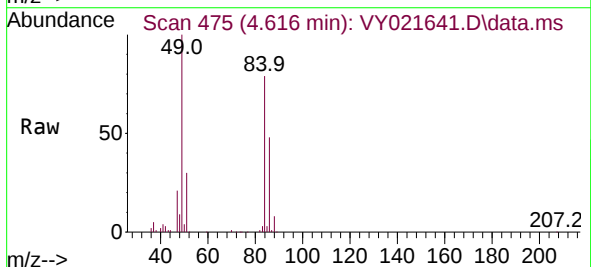
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

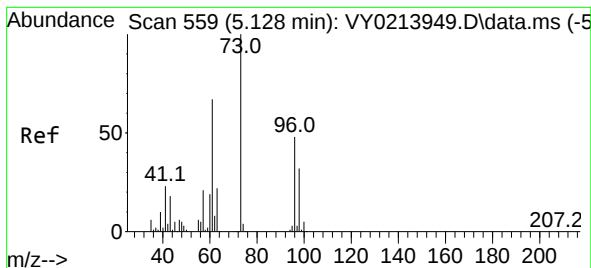
Tgt Ion: 73 Resp: 213646
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9



#20
Methylene Chloride
Concen: 53.922 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 84 Resp: 97832
Ion Ratio Lower Upper
84 100
49 126.3 102.0 153.0
51 37.9 33.0 49.6
86 60.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.604 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

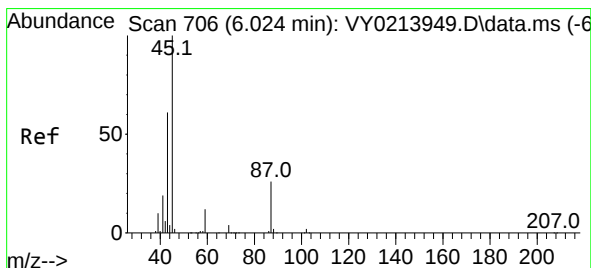
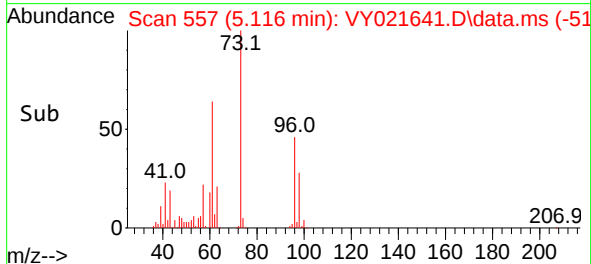
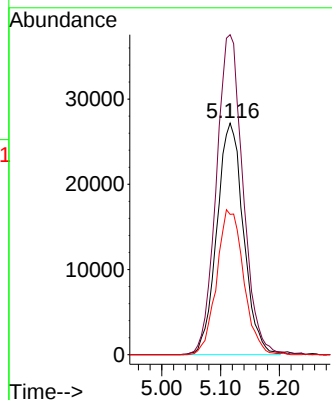
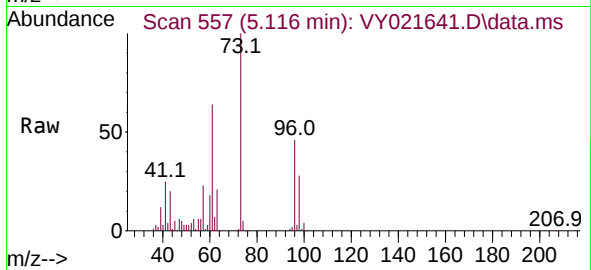
Tgt Ion: 96 Resp: 85559

Ion Ratio Lower Upper

96 100

61 138.3 111.5 167.3

98 60.7 53.8 80.8



#22

Diisopropyl ether

Concen: 56.612 ug/l

RT: 6.018 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Tgt Ion: 45 Resp: 303665

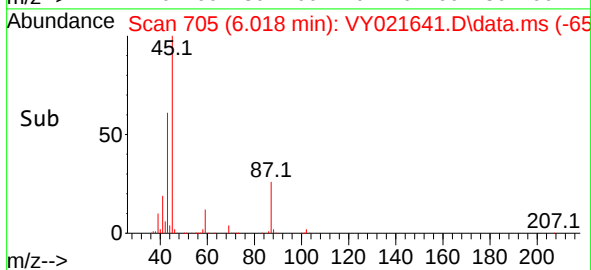
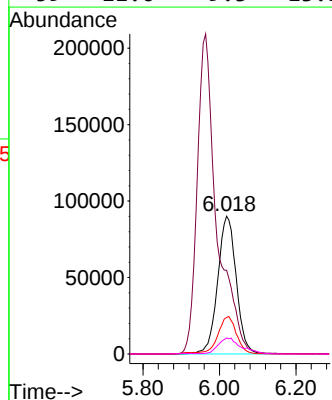
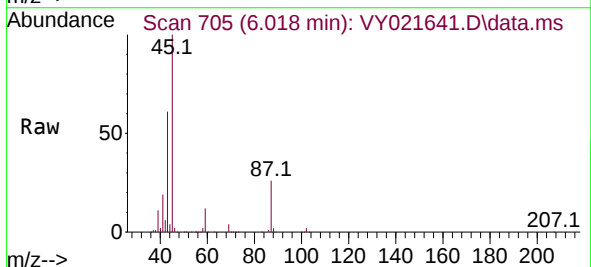
Ion Ratio Lower Upper

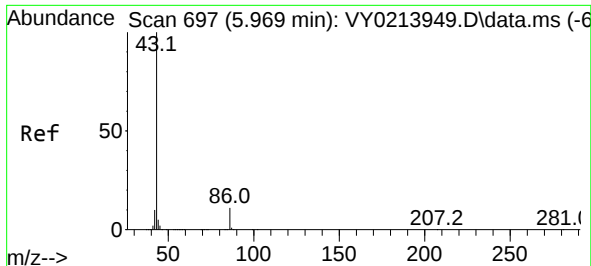
45 100

43 60.4 48.7 73.1

87 26.5 21.5 32.3

59 11.6 9.3 13.9

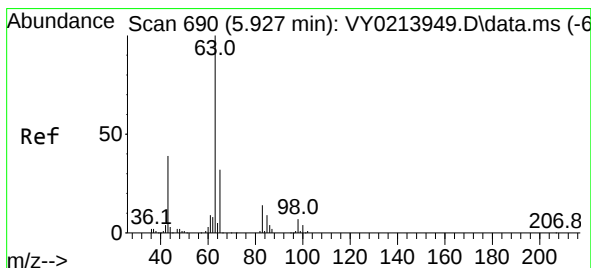
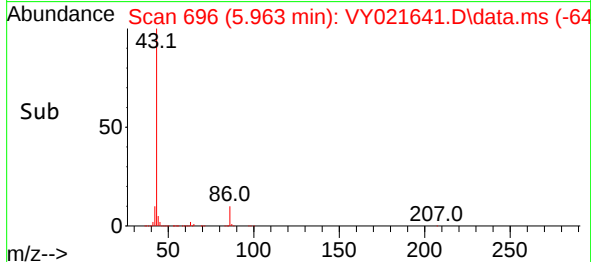
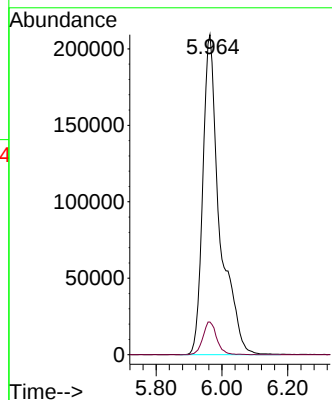
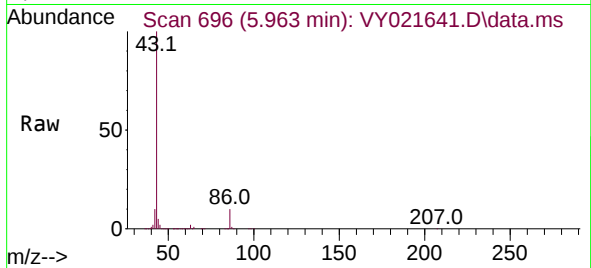




#23
 Vinyl Acetate
 Concen: 244.210 ug/l
 RT: 5.963 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

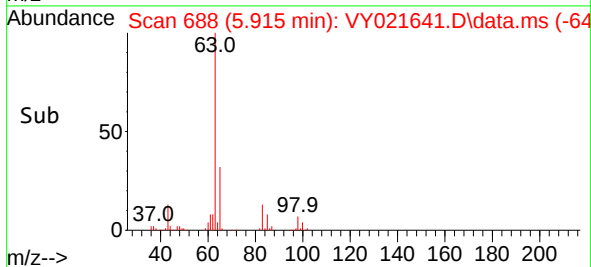
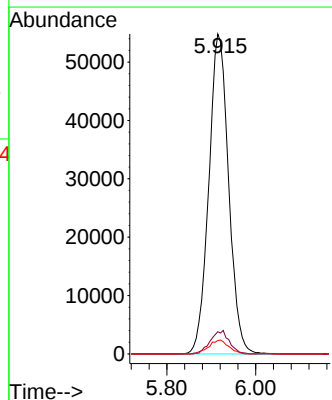
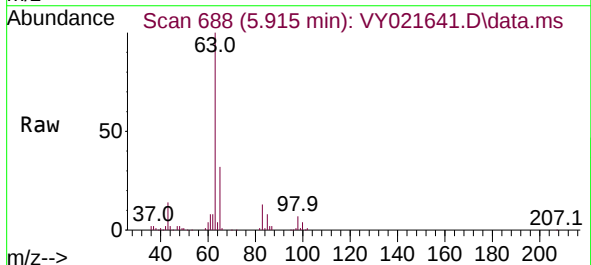
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

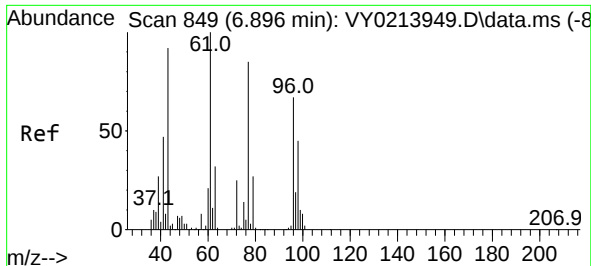
Tgt Ion: 43 Resp: 747582
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 53.711 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion: 63 Resp: 170036
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.2 2.1 6.5

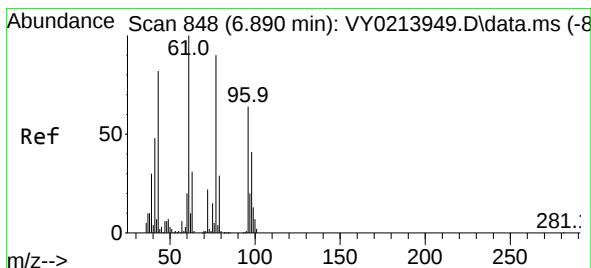
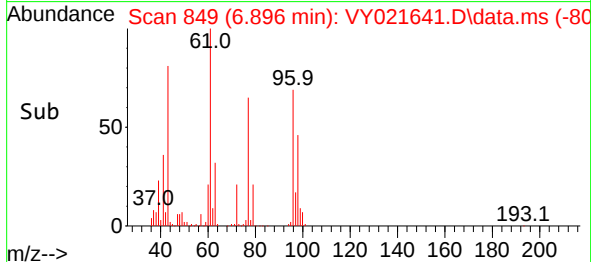
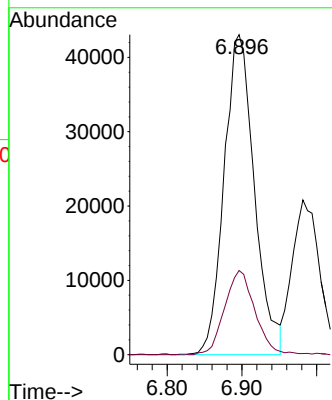
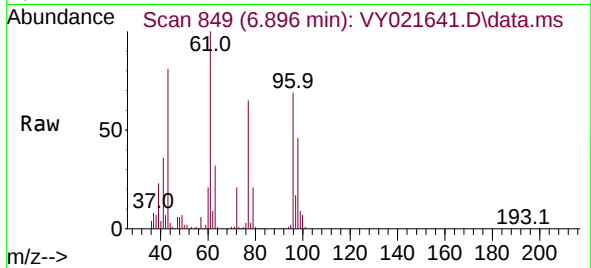




#25
2-Butanone
Concen: 253.859 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

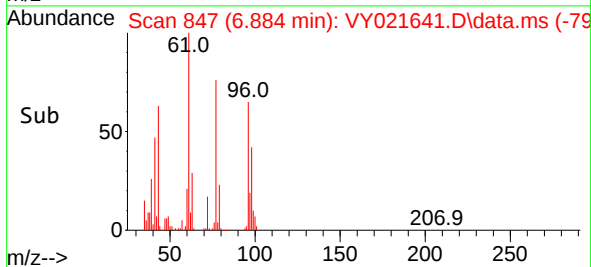
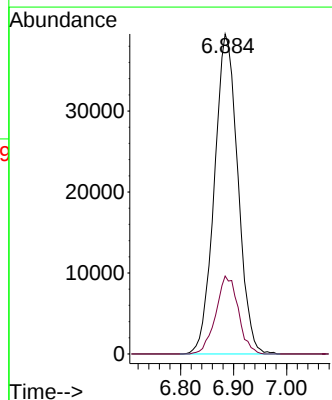
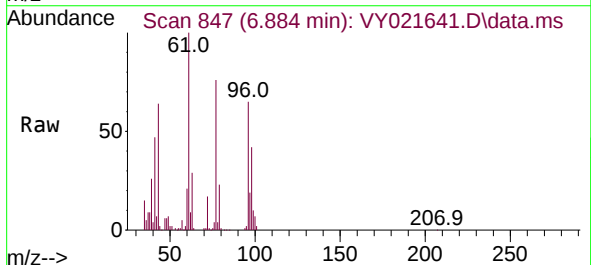
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

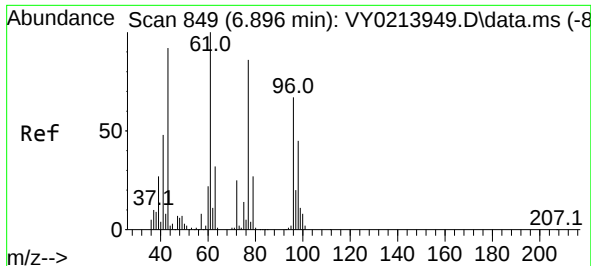
Tgt Ion: 43 Resp: 121376
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.0



#26
2,2-Dichloropropane
Concen: 41.746 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 77 Resp: 121600
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8



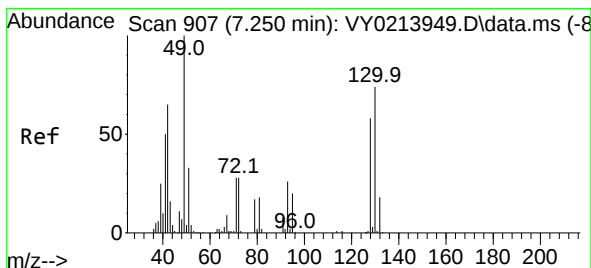
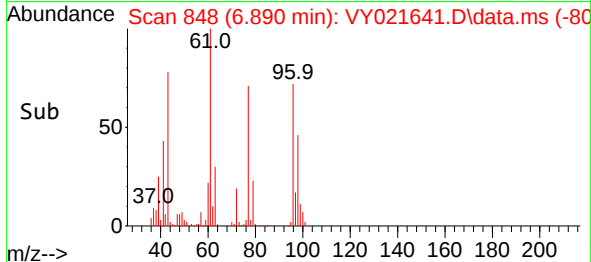
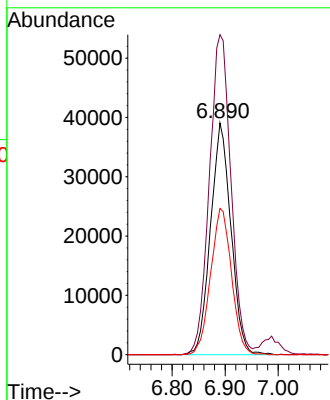
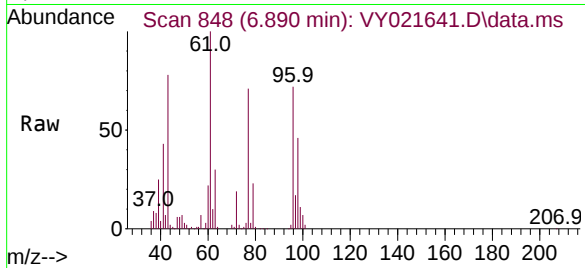


#27
 cis-1,2-Dichloroethene
 Concen: 53.368 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 104573

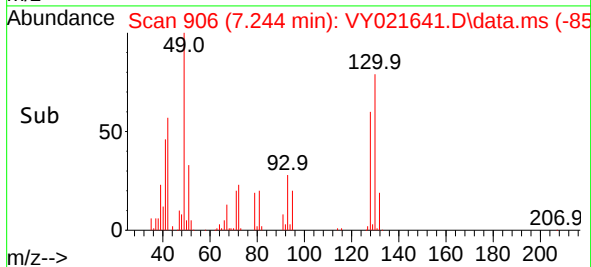
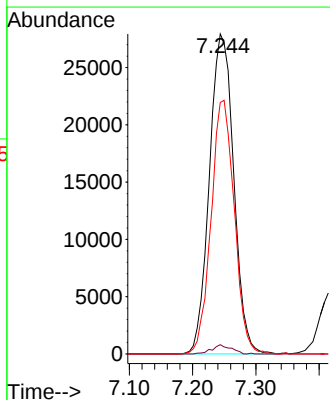
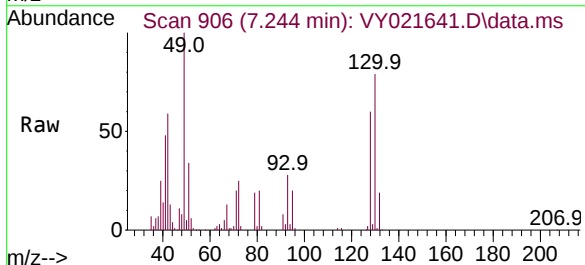
Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	300.8
98	64.6	0.0	130.0

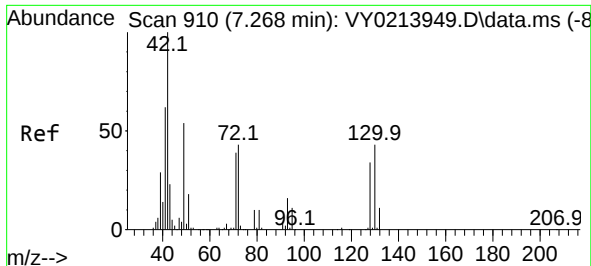


#28
 Bromochloromethane
 Concen: 56.104 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion: 49 Resp: 74462

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	75.7	59.6	89.4





#29

Tetrahydrofuran

Concen: 277.237 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

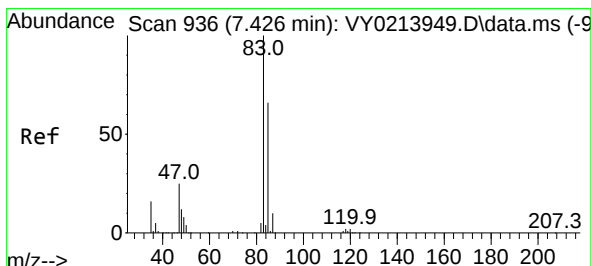
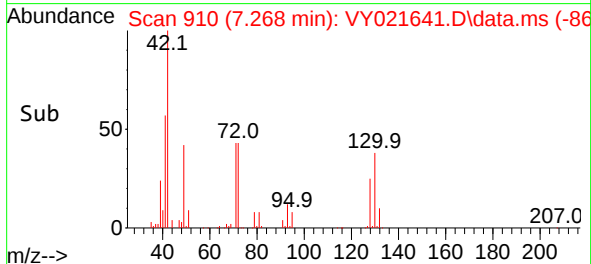
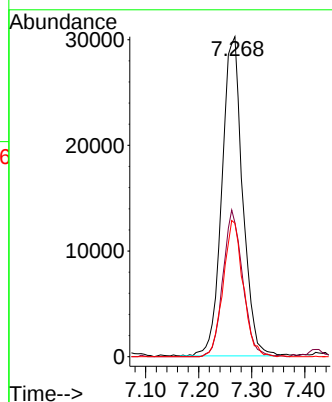
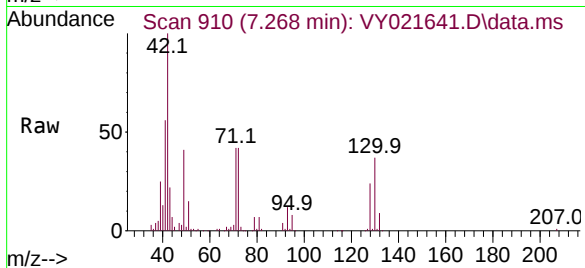
Tgt Ion: 42 Resp: 81832

Ion Ratio Lower Upper

42 100

72 43.7 34.8 52.2

71 41.1 32.6 48.8



#30

Chloroform

Concen: 56.027 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021641.D

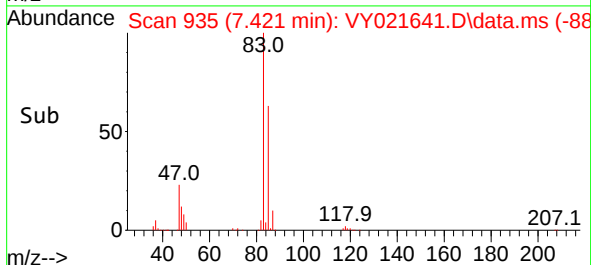
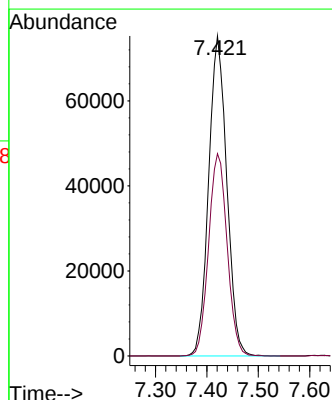
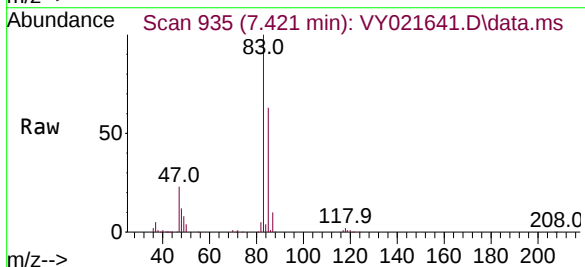
Acq: 25 Mar 2025 17:19

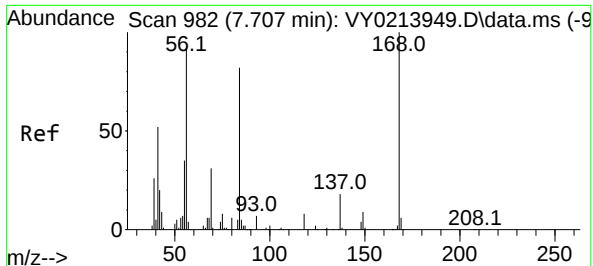
Tgt Ion: 83 Resp: 184179

Ion Ratio Lower Upper

83 100

85 63.2 53.1 79.7

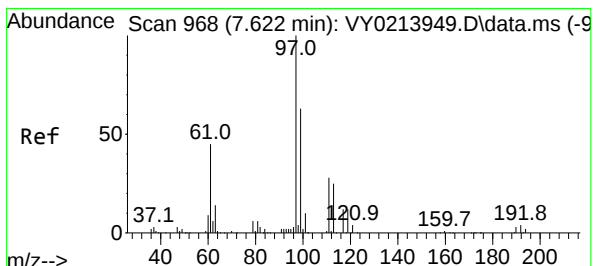
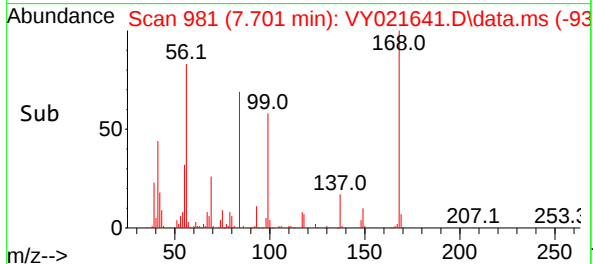
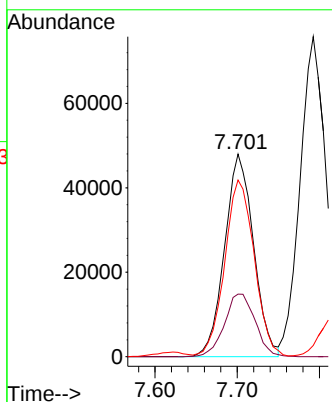
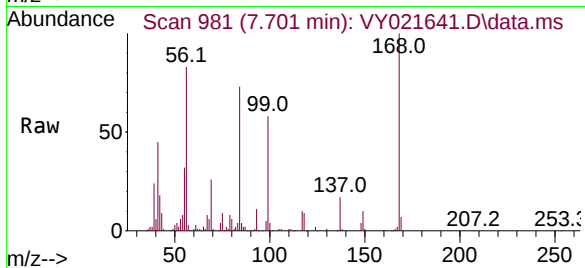




#31
Cyclohexane
Concen: 39.568 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

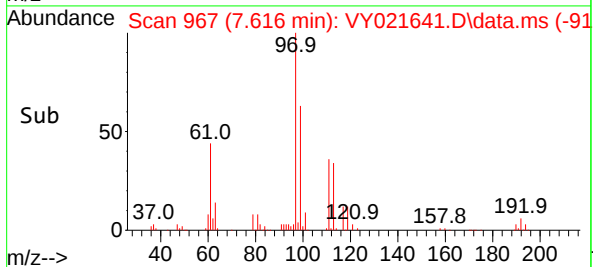
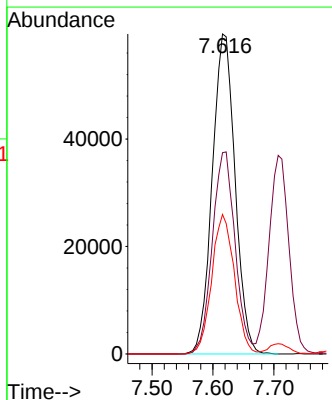
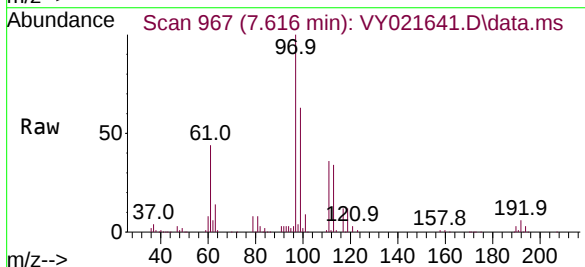
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

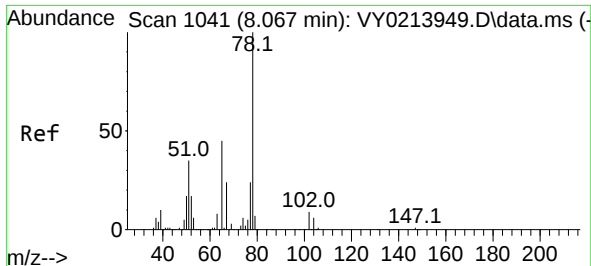
Tgt Ion: 56 Resp: 117434
Ion Ratio Lower Upper
56 100
69 30.9 27.0 40.4
84 85.1 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 51.586 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 97 Resp: 155273
Ion Ratio Lower Upper
97 100
99 62.9 51.7 77.5
61 43.3 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 67.301 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

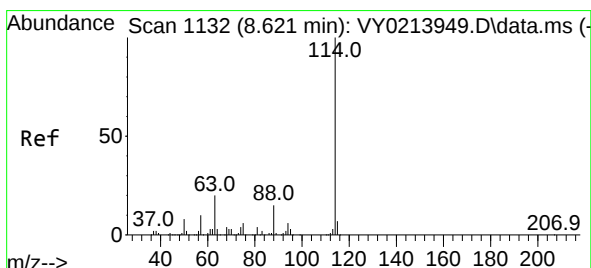
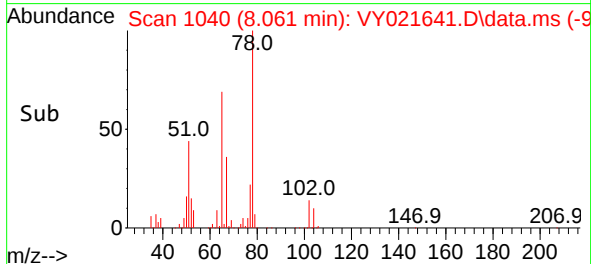
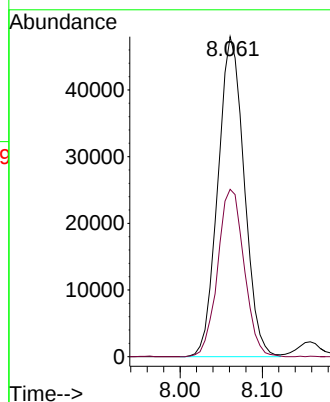
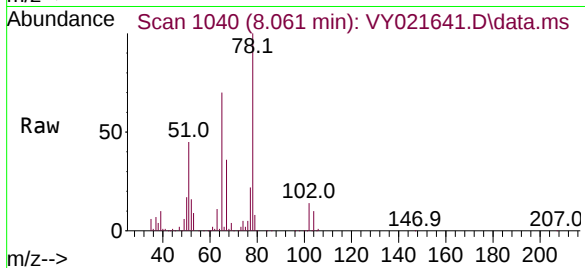
VSTDCCC050EC

Tgt Ion: 65 Resp: 106652

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

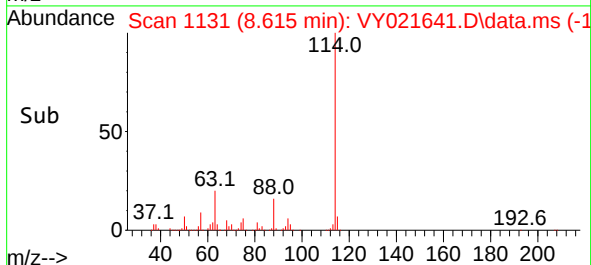
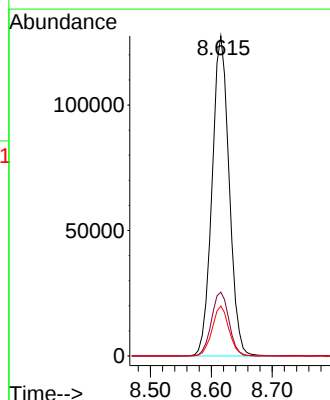
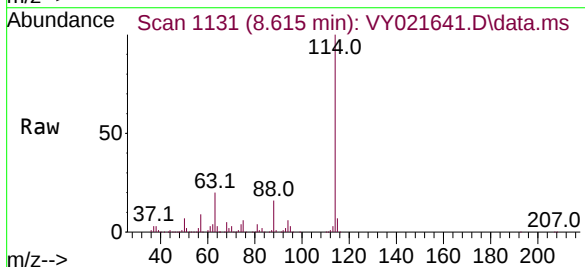
Tgt Ion: 114 Resp: 248353

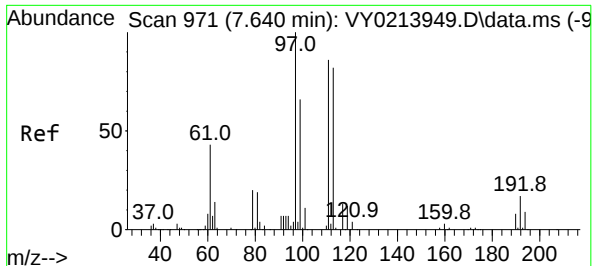
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 63.618 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

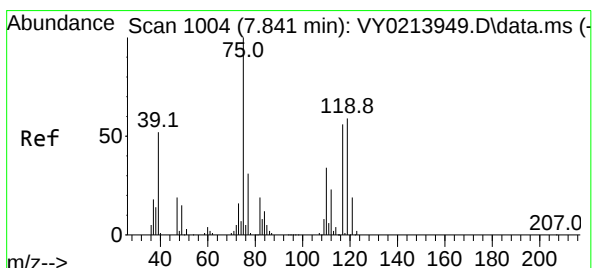
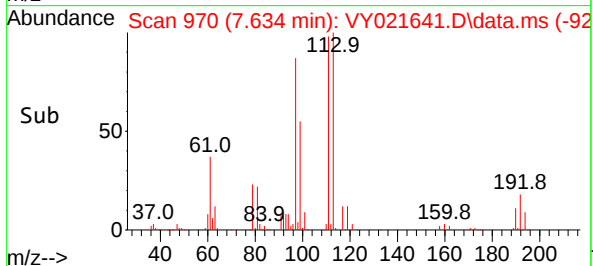
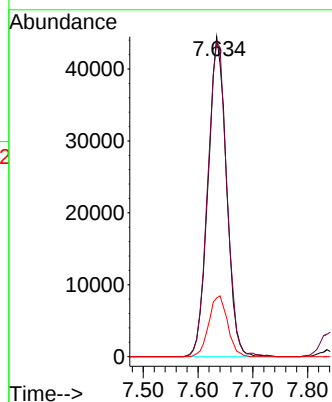
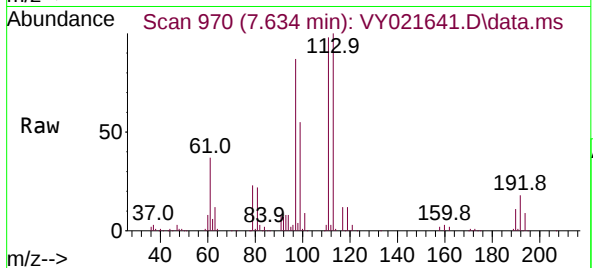
Tgt Ion:113 Resp: 103854

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

192 19.3 15.9 23.9



#36

1,1-Dichloropropene

Concen: 44.619 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

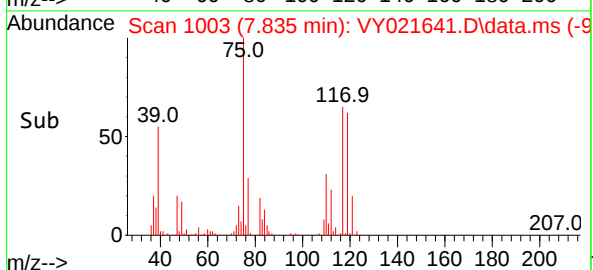
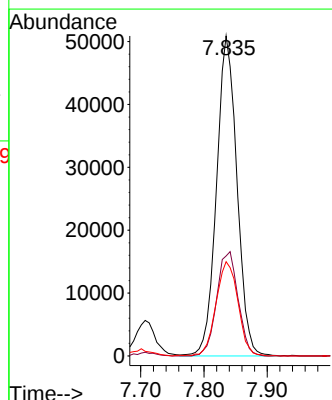
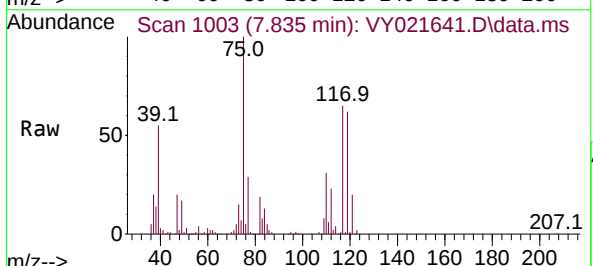
Tgt Ion: 75 Resp: 114016

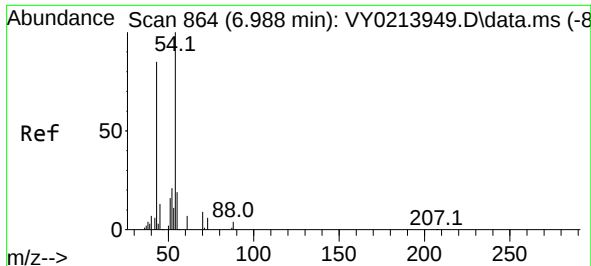
Ion Ratio Lower Upper

75 100

110 34.1 17.3 51.7

77 31.8 25.4 38.2





#37

Ethyl Acetate

Concen: 47.146 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

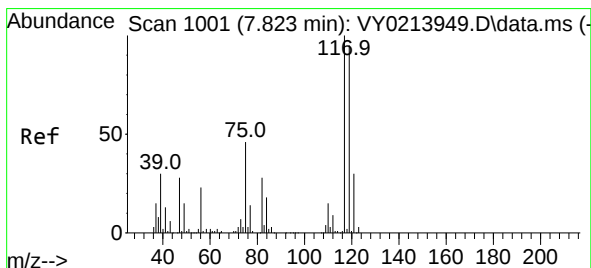
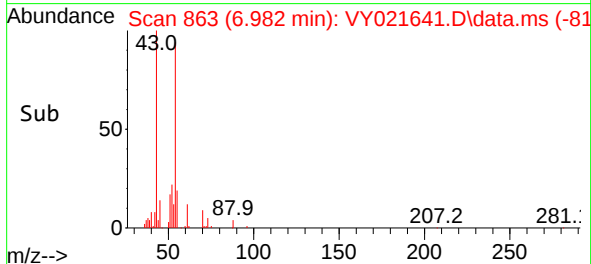
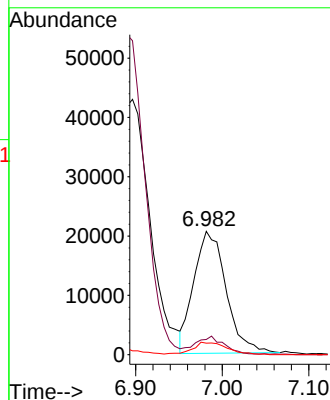
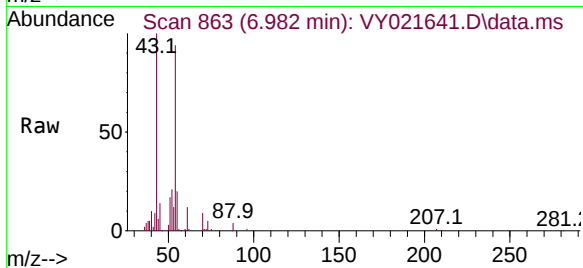
Tgt Ion: 43 Resp: 53247

Ion Ratio Lower Upper

43 100

61 14.4 11.4 17.0

70 10.9 8.2 12.2



#38

Carbon Tetrachloride

Concen: 45.804 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

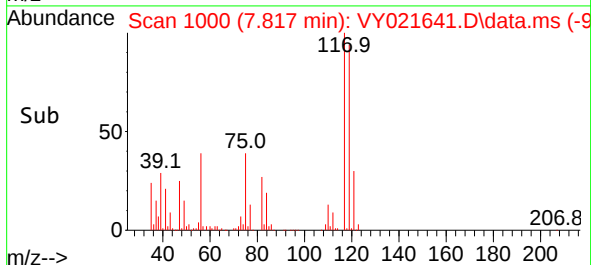
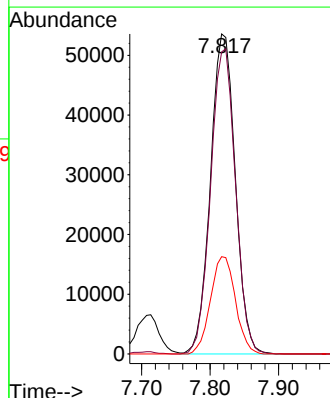
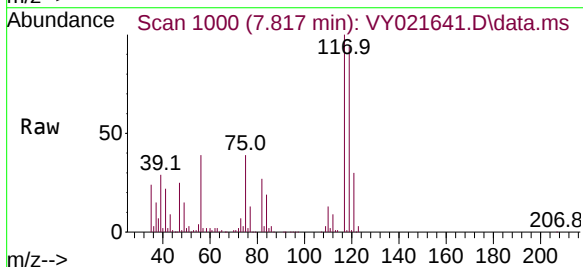
Tgt Ion: 117 Resp: 134608

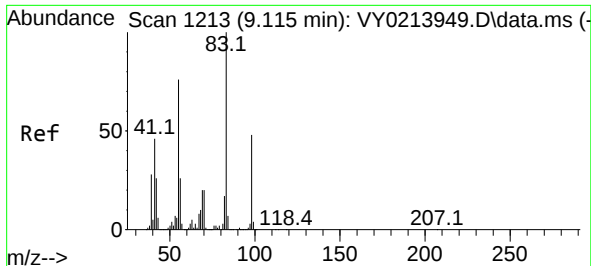
Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

121 30.4 23.9 35.9





#39

Methylcyclohexane

Concen: 38.341 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

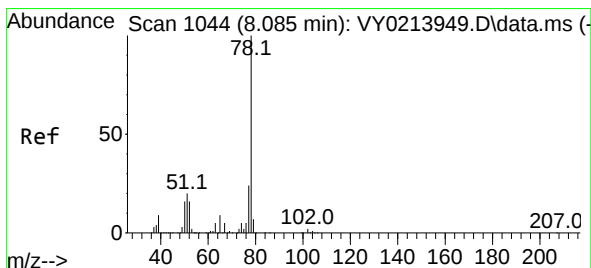
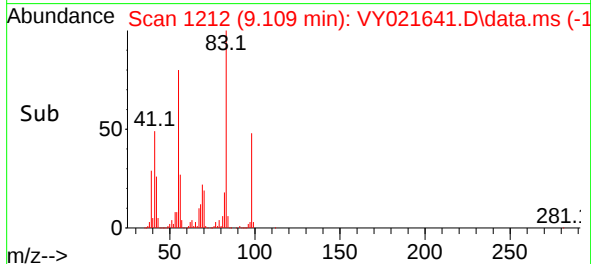
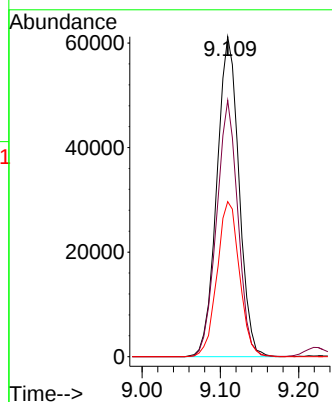
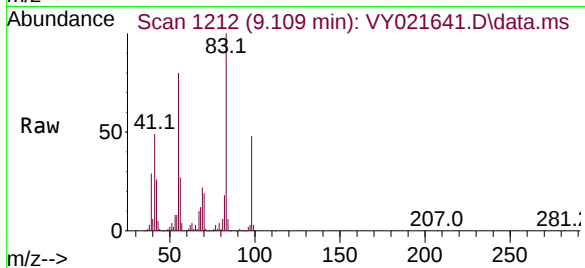
Tgt Ion: 83 Resp: 120175

Ion Ratio Lower Upper

83 100

55 80.1 60.7 91.1

98 48.5 38.6 57.8



#40

Benzene

Concen: 49.653 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021641.D

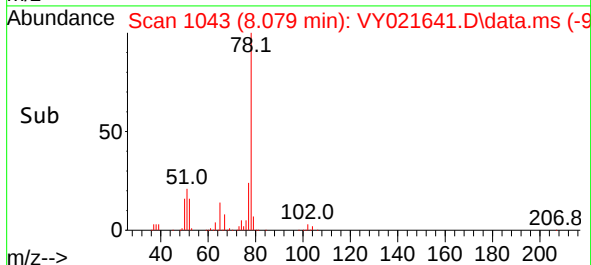
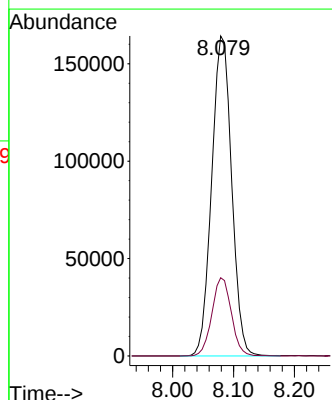
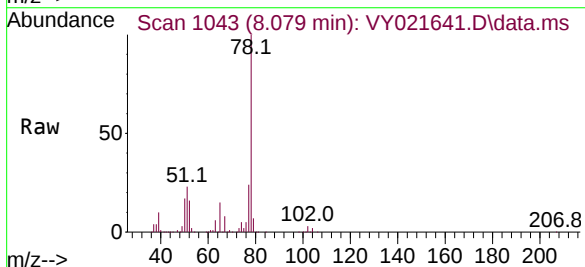
Acq: 25 Mar 2025 17:19

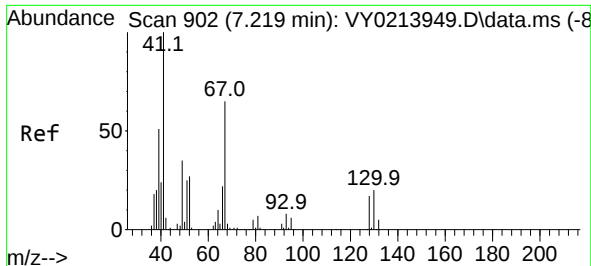
Tgt Ion: 78 Resp: 373756

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4

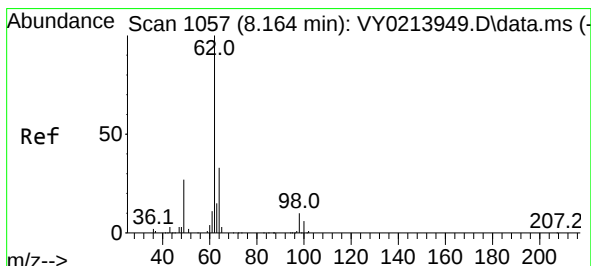
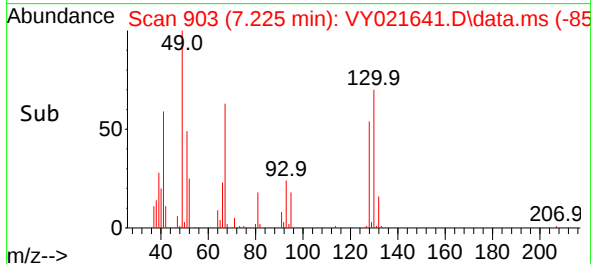
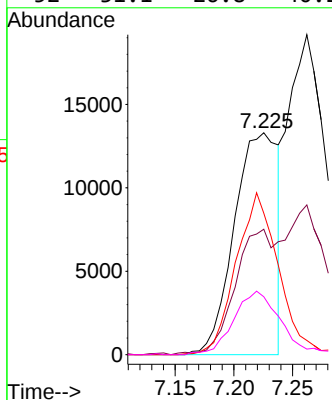
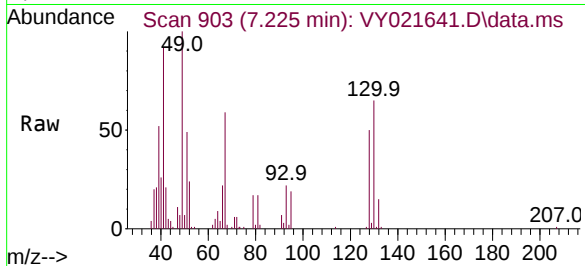




#41
Methacrylonitrile
Concen: 56.094 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

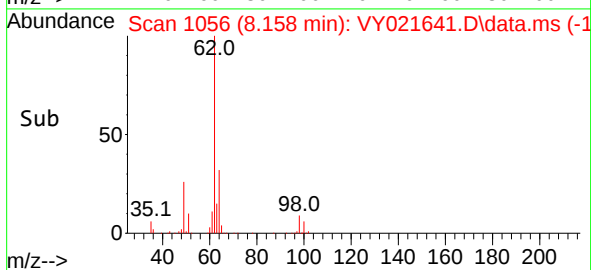
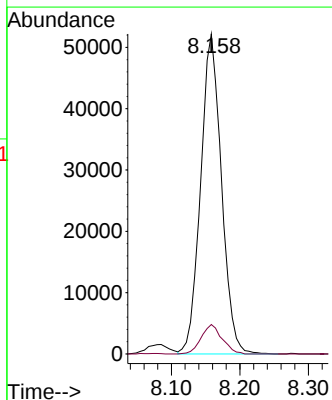
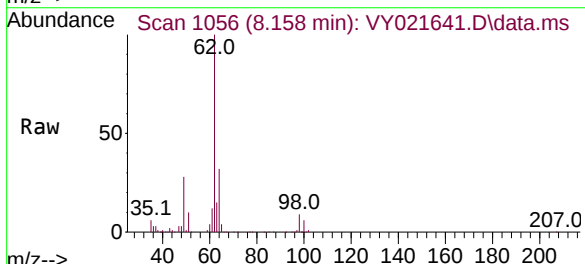
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

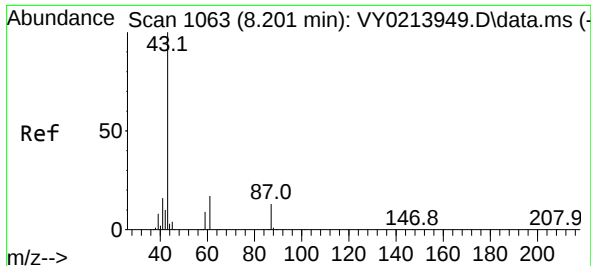
Tgt Ion:	41	Resp:	34496
Ion	Ratio	Lower	Upper
41	100		
39	46.8	35.0	52.6
67	71.2	61.2	91.8
52	31.1	26.8	40.2



#42
1,2-Dichloroethane
Concen: 52.407 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion:	62	Resp:	110359
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

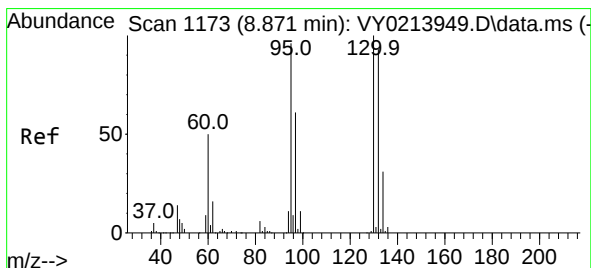
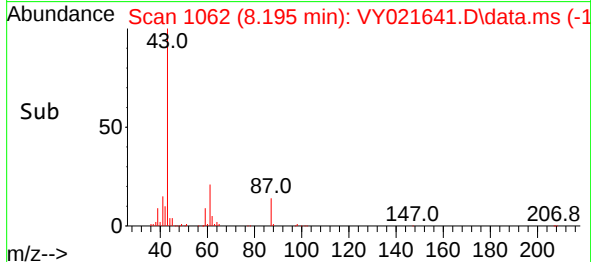
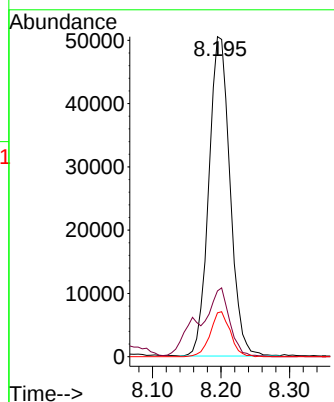
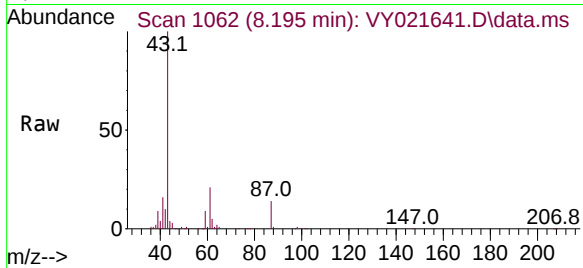




#43
Isopropyl Acetate
Concen: 49.517 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

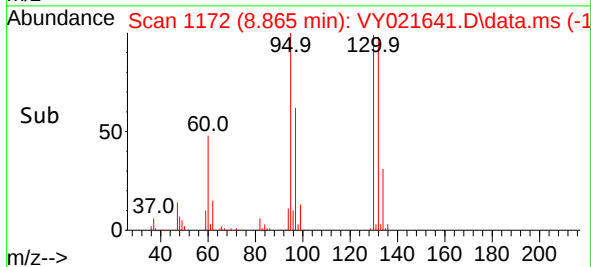
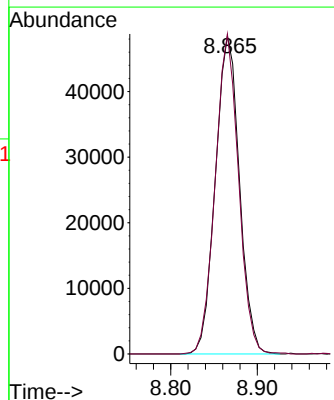
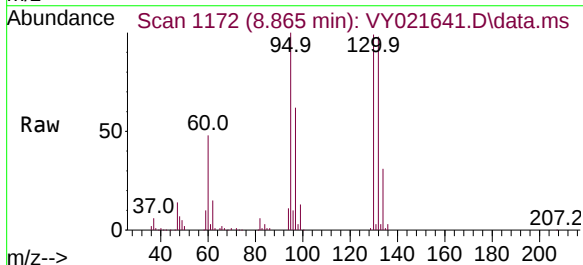
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

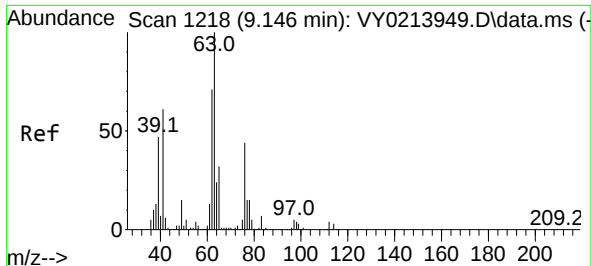
Tgt Ion: 43 Resp: 108566
Ion Ratio Lower Upper
43 100
61 21.2 23.4 35.0#
87 13.3 10.5 15.7



#44
Trichloroethene
Concen: 49.076 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion:130 Resp: 93351
Ion Ratio Lower Upper
130 100
95 100.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 51.709 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

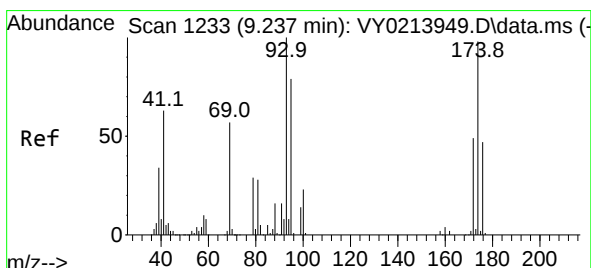
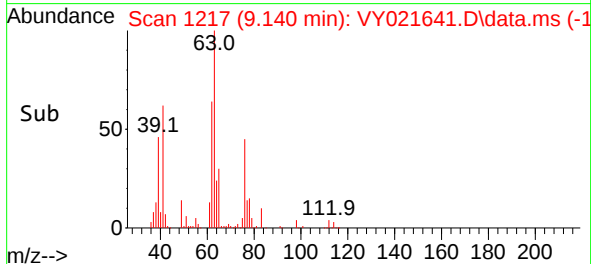
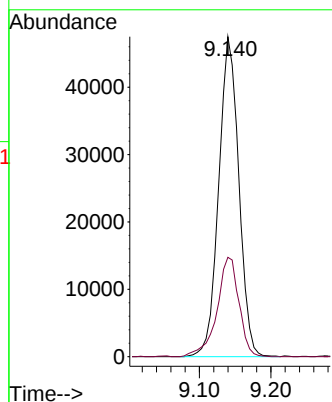
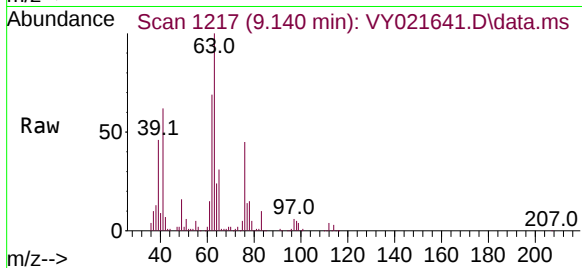
VSTDCCC050EC

Tgt Ion: 63 Resp: 92638

Ion Ratio Lower Upper

63 100

65 31.1 26.0 39.0



#46

Dibromomethane

Concen: 53.545 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

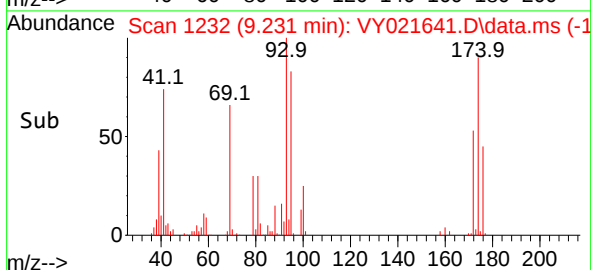
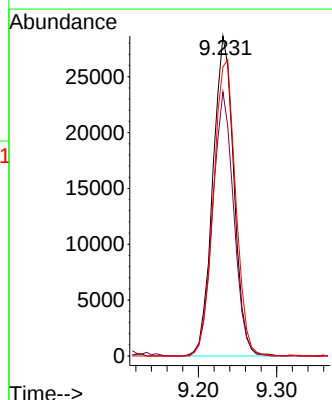
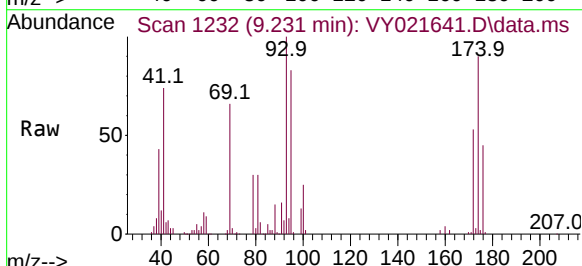
Tgt Ion: 93 Resp: 53375

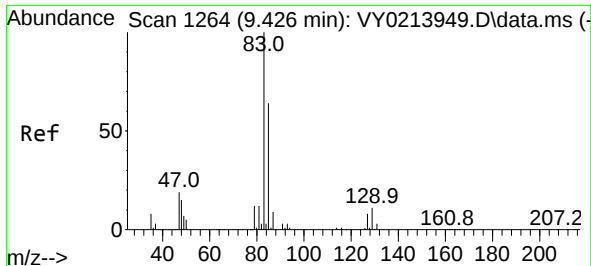
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 97.1 77.9 116.9

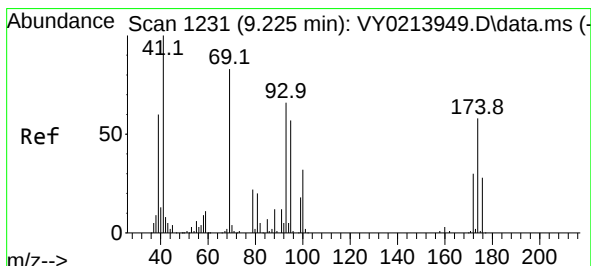
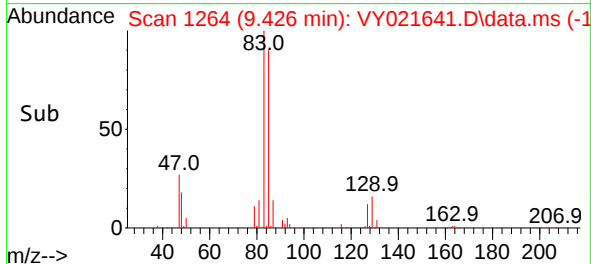
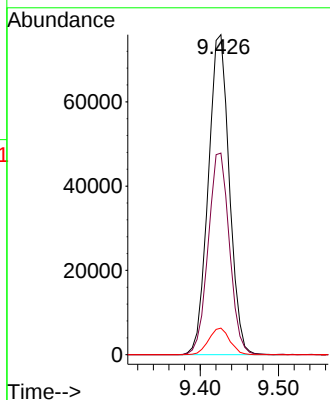
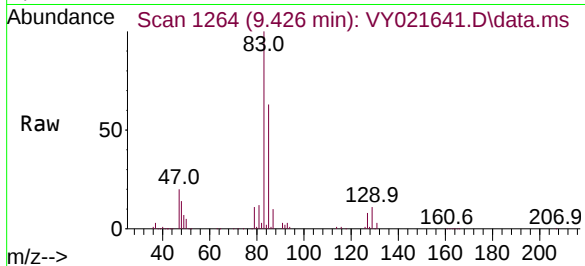




#47
Bromodichloromethane
Concen: 53.451 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

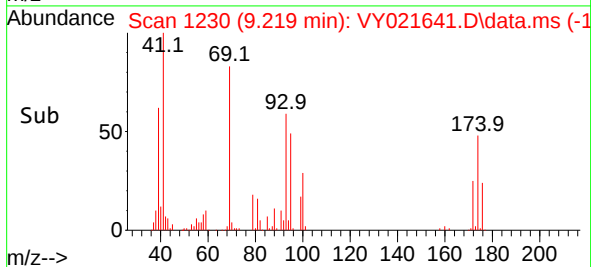
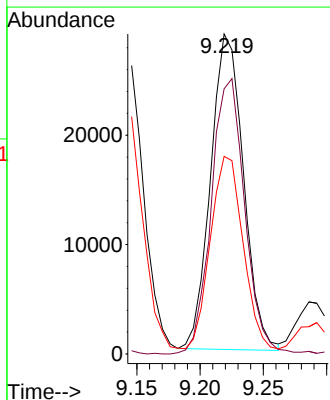
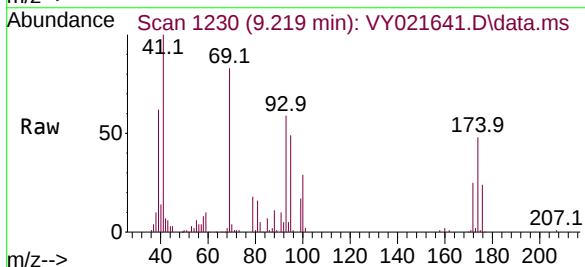
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

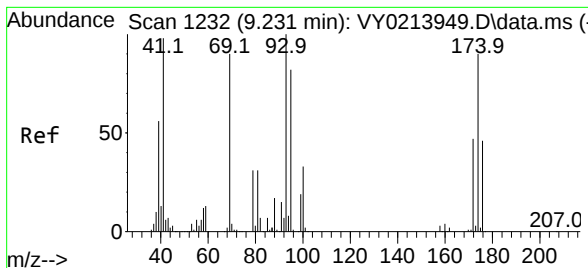
Tgt Ion: 83 Resp: 141497
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 51.729 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 41 Resp: 52079
Ion Ratio Lower Upper
41 100
69 89.1 67.8 101.8
39 63.1 46.4 69.6

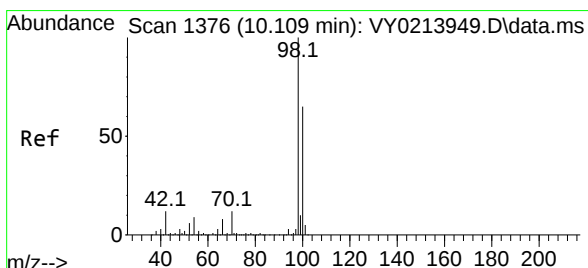
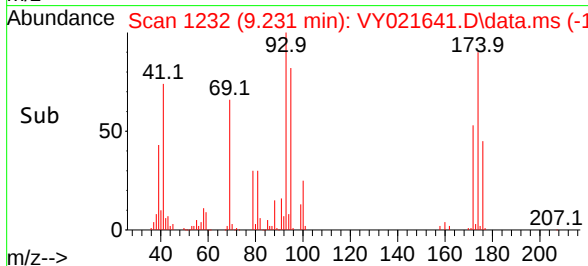
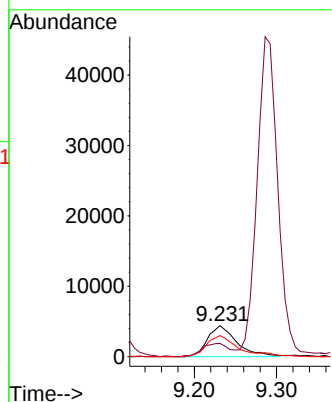
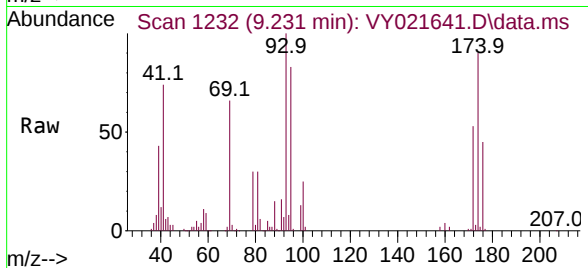




#49
1,4-Dioxane
Concen: 1114.050 ug/l
RT: 9.231 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

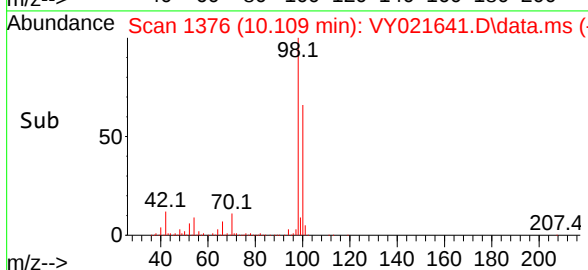
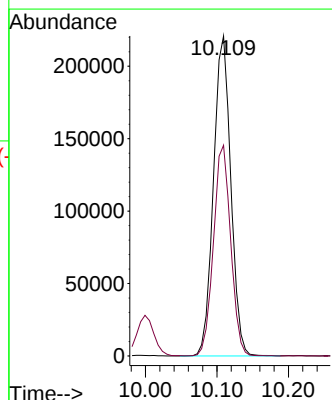
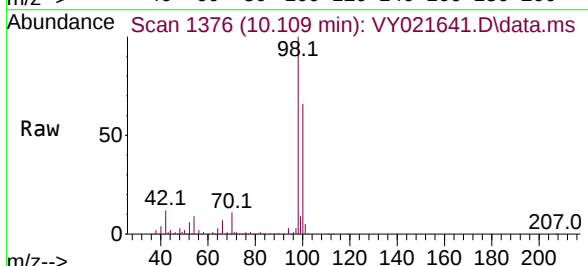
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

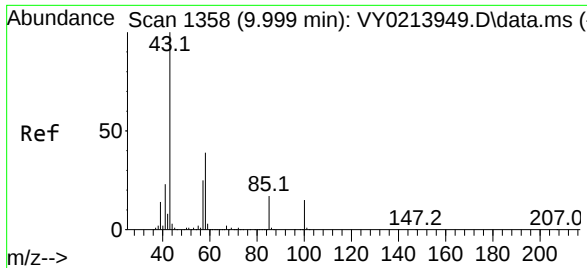
Tgt Ion: 88 Resp: 10900
Ion Ratio Lower Upper
88 100
43 39.8 25.0 37.4#
58 74.8 58.4 87.6



#50
Toluene-d8
Concen: 60.097 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 98 Resp: 371459
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

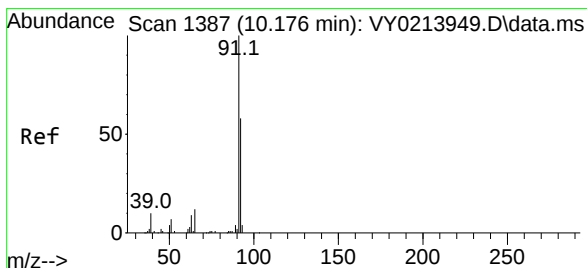
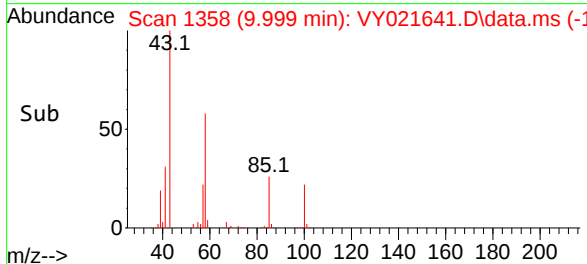
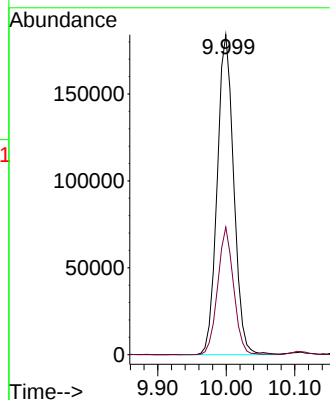
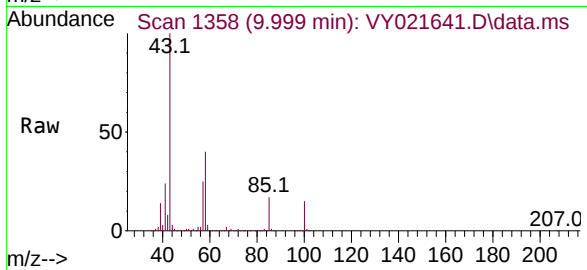




#51
4-Methyl-2-Pentanone
Concen: 272.676 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

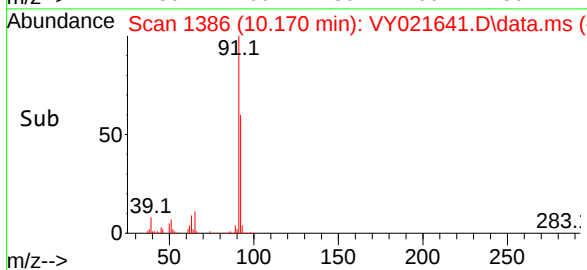
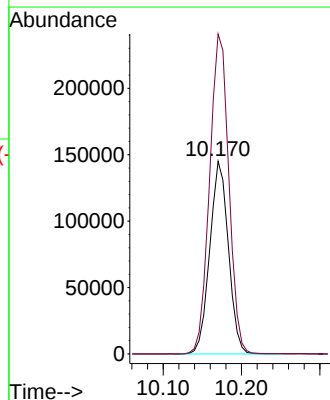
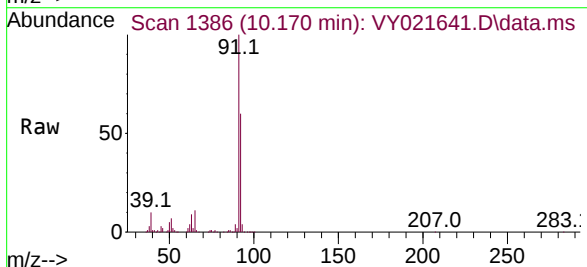
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

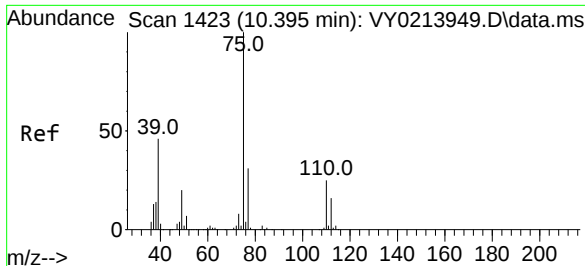
Tgt Ion: 43 Resp: 308464
Ion Ratio Lower Upper
43 100
58 38.4 31.4 47.2



#52
Toluene
Concen: 50.419 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 92 Resp: 239275
Ion Ratio Lower Upper
92 100
91 171.4 138.2 207.2

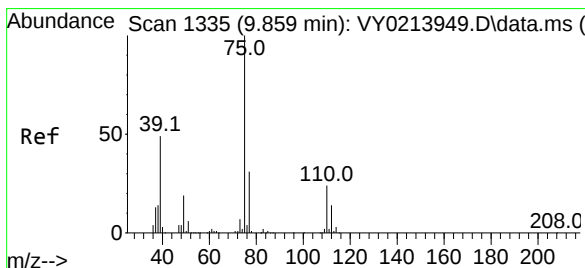
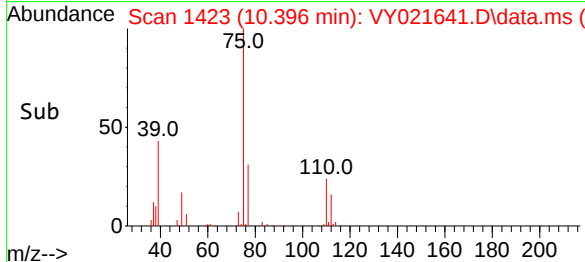
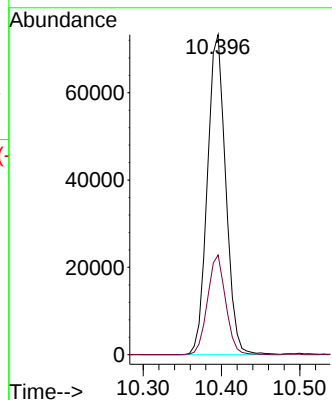
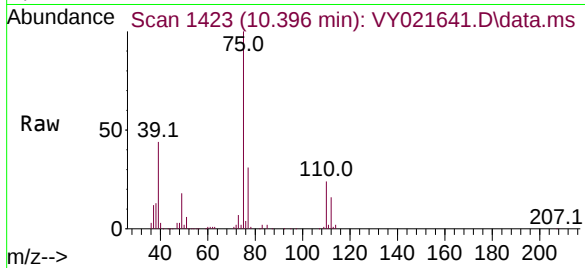




#53
 t-1,3-Dichloropropene
 Concen: 51.162 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

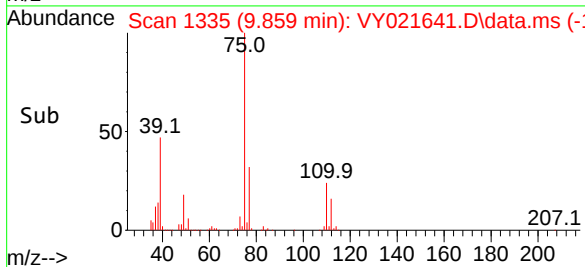
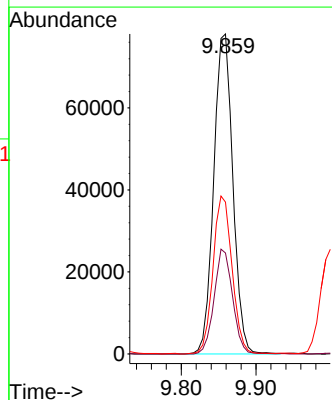
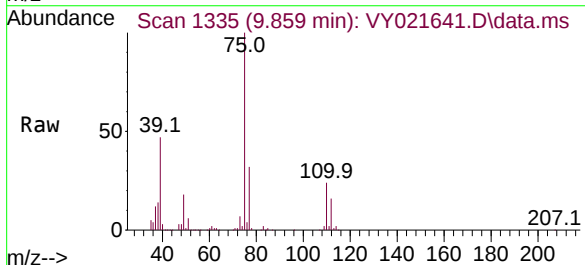
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

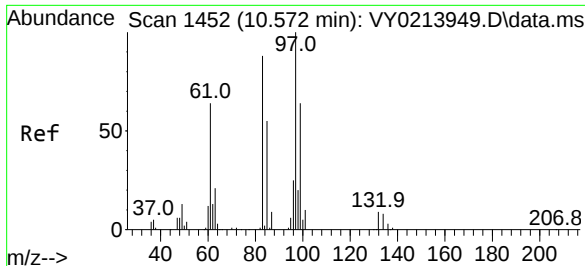
Tgt Ion: 75 Resp: 119323
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.113 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion: 75 Resp: 138763
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 47.4 39.4 59.2

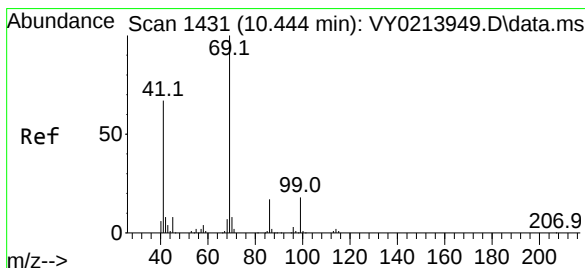
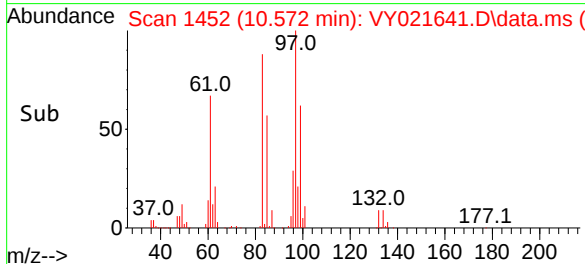
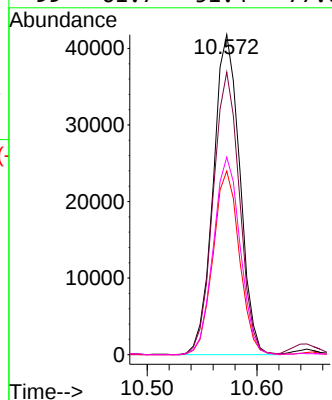
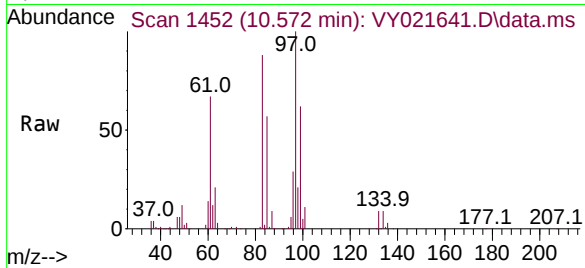




#55
 1,1,2-Trichloroethane
 Concen: 53.877 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

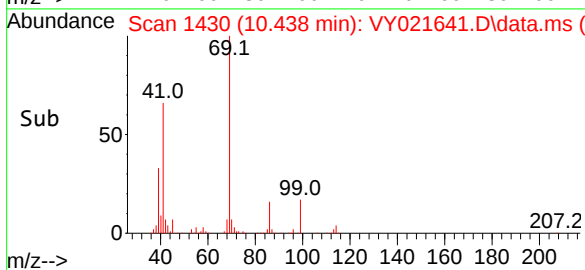
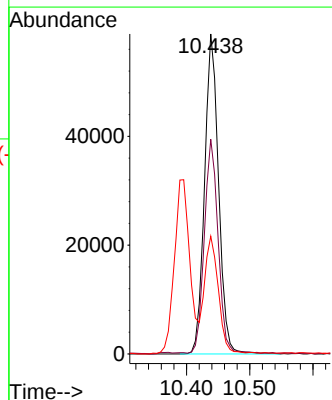
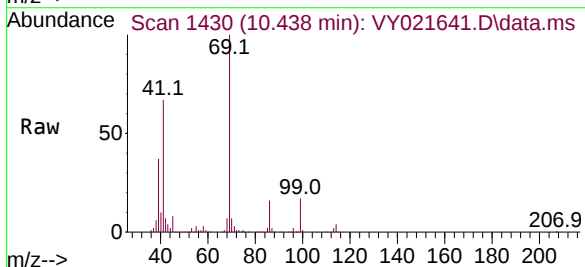
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

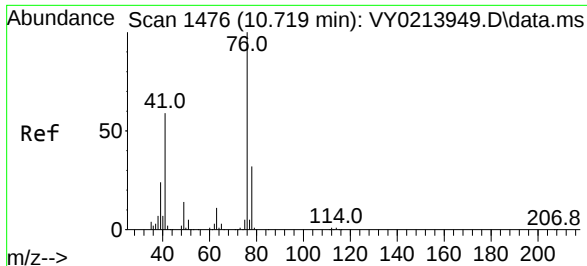
Tgt Ion:	97	Resp:	70253
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.0	105.0
85	57.4	44.3	66.5
99	61.7	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 54.593 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion:	69	Resp:	90788
Ion	Ratio	Lower	Upper
69	100		
41	65.7	53.3	79.9
39	35.1	31.0	46.6





#57

1,3-Dichloropropane

Concen: 53.573 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

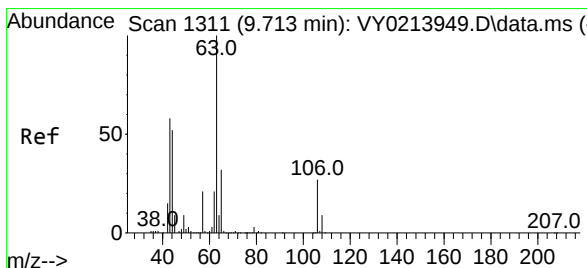
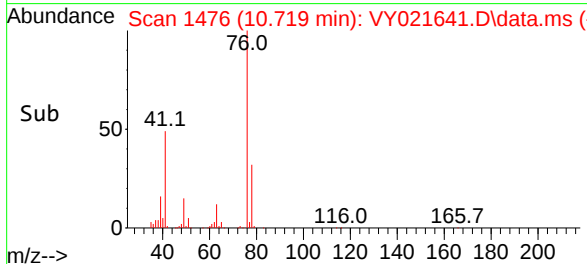
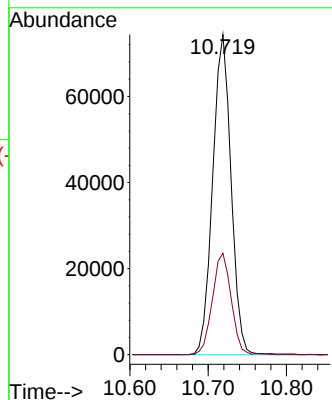
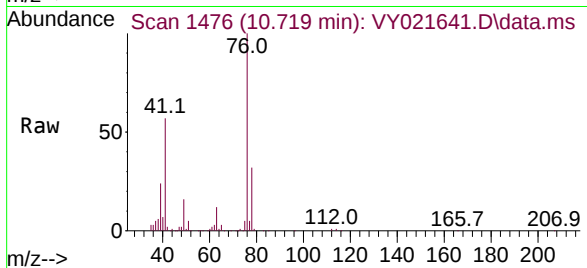
VSTDCCC050EC

Tgt Ion: 76 Resp: 121074

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 324.303 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021641.D

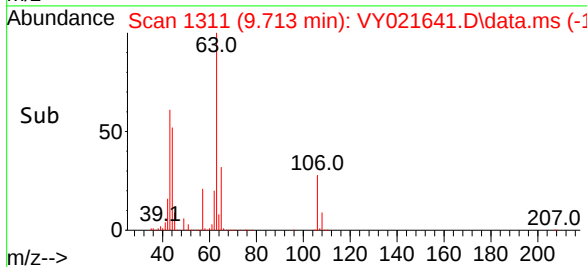
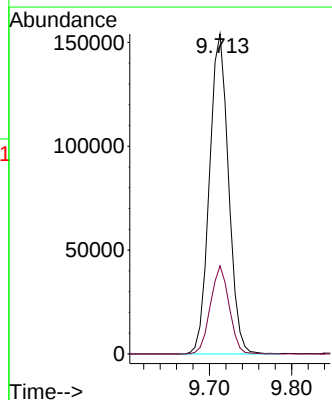
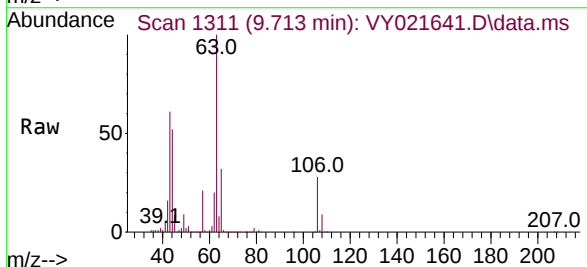
Acq: 25 Mar 2025 17:19

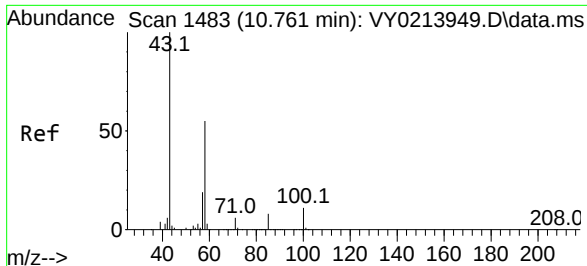
Tgt Ion: 63 Resp: 248959

Ion Ratio Lower Upper

63 100

106 27.0 22.1 33.1





#59

2-Hexanone

Concen: 269.078 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

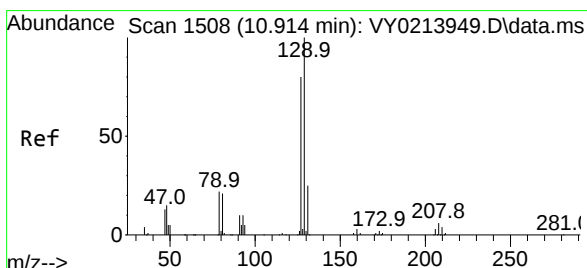
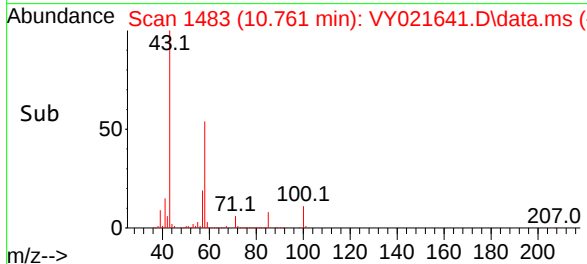
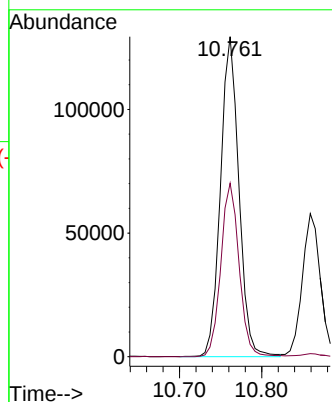
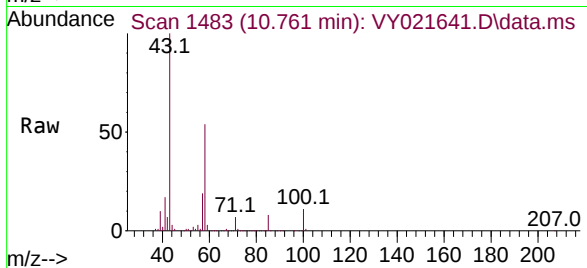
VSTDCCC050EC

Tgt Ion: 43 Resp: 201273

Ion Ratio Lower Upper

43 100

58 53.9 27.3 81.8



#60

Dibromochloromethane

Concen: 54.606 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021641.D

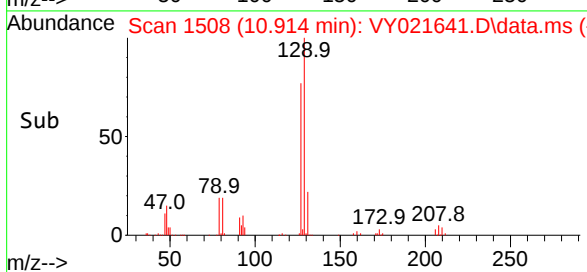
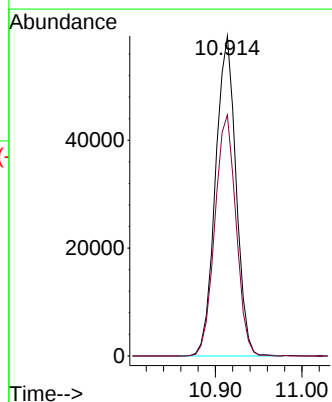
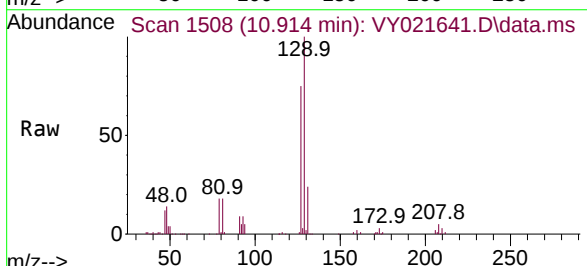
Acq: 25 Mar 2025 17:19

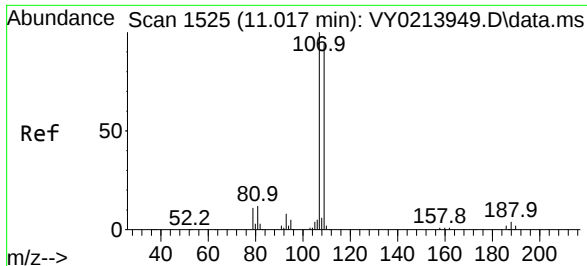
Tgt Ion: 129 Resp: 97615

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.3

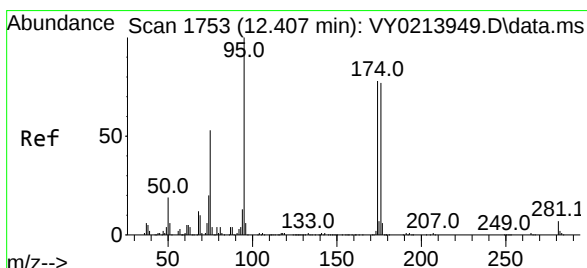
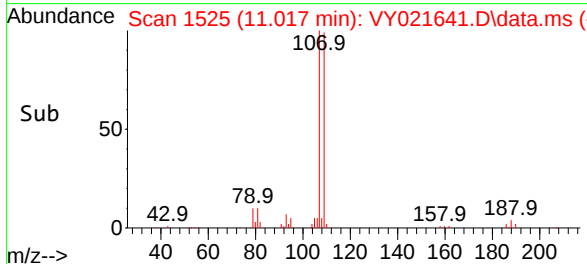
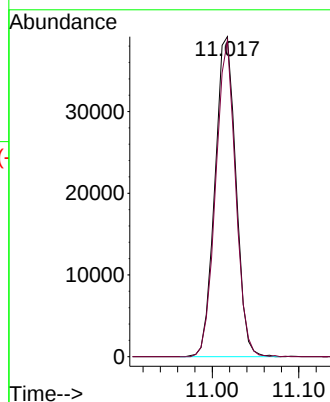
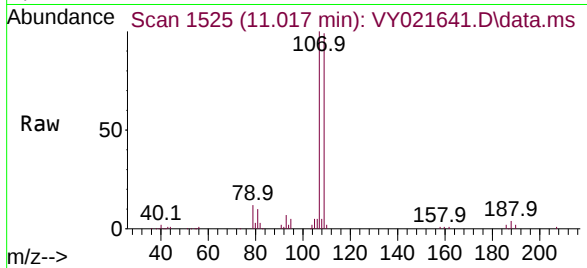




#61
1,2-Dibromoethane
Concen: 53.556 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

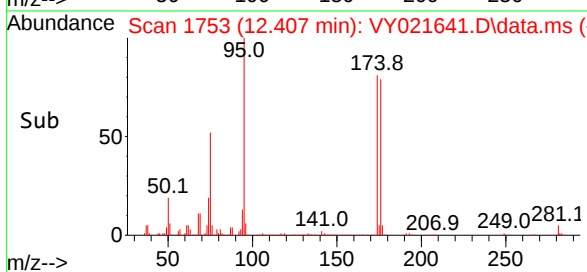
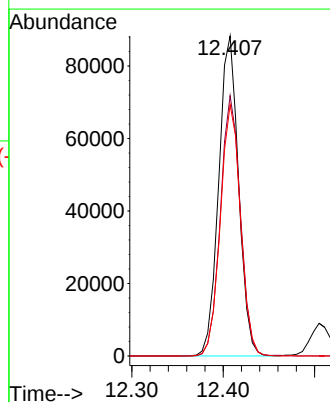
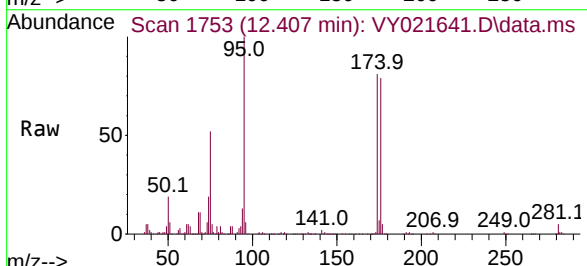
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

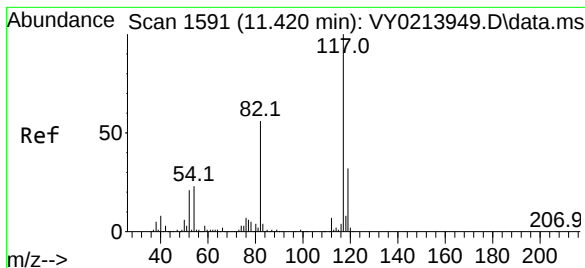
Tgt Ion:107 Resp: 65908
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 63.387 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 95 Resp: 133273
Ion Ratio Lower Upper
95 100
174 81.9 0.0 165.0
176 79.8 0.0 160.0

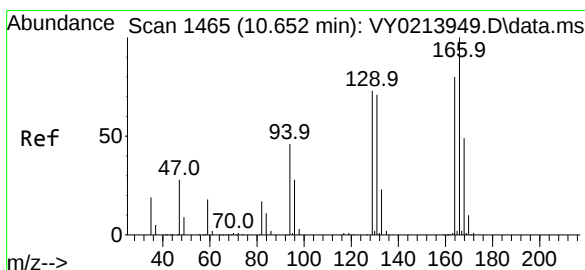
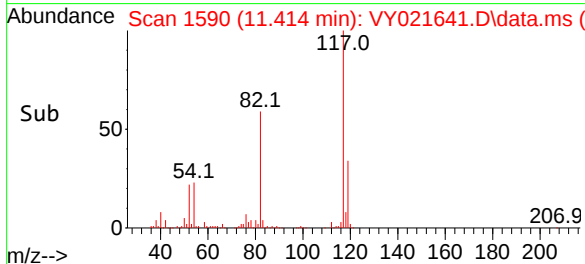
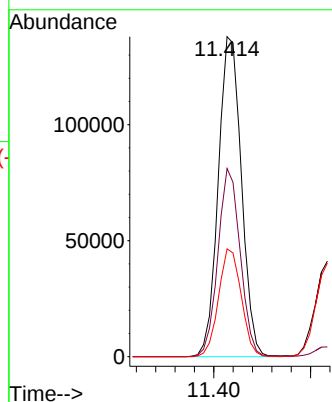
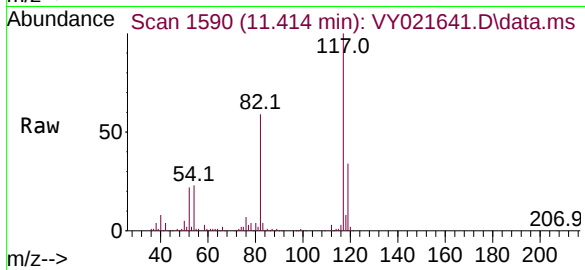




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

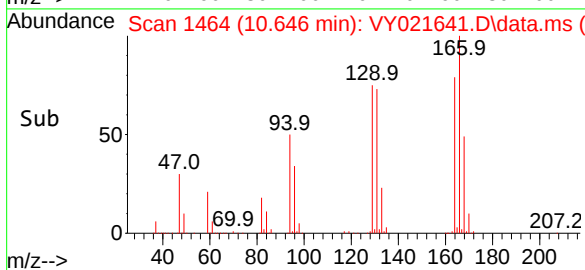
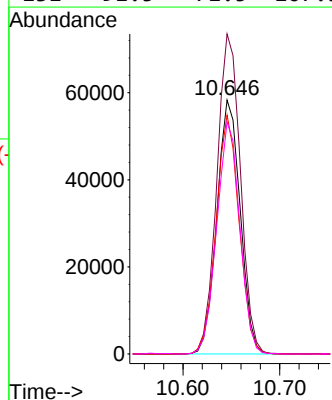
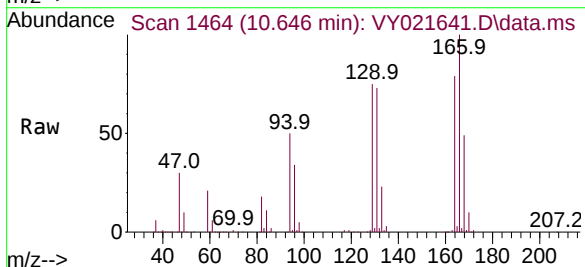
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

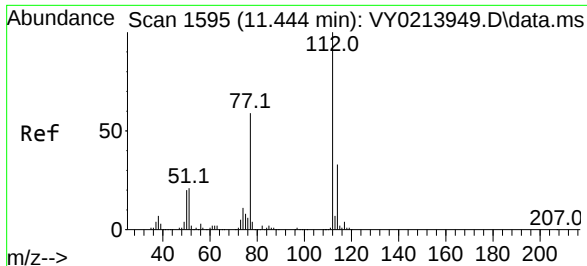
Tgt Ion:117 Resp: 228909
Ion Ratio Lower Upper
117 100
82 58.8 44.6 67.0
119 33.7 25.4 38.0



#64
Tetrachloroethene
Concen: 52.462 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion:164 Resp: 97653
Ion Ratio Lower Upper
164 100
166 126.0 100.4 150.6
129 94.0 73.8 110.8
131 91.5 71.5 107.3

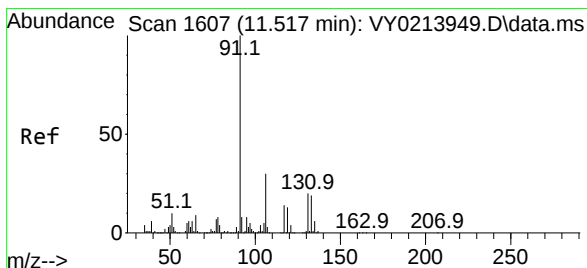
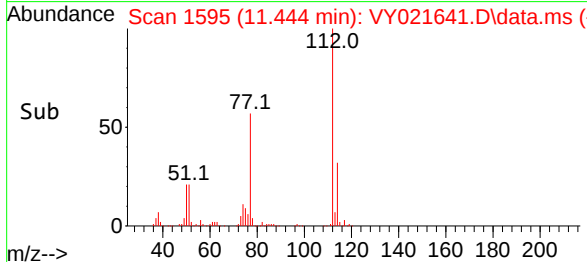
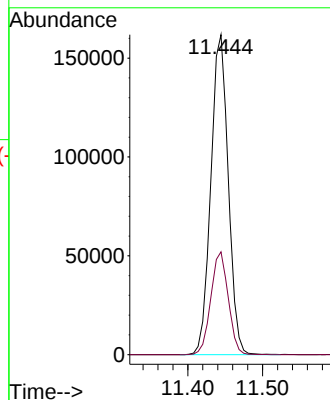
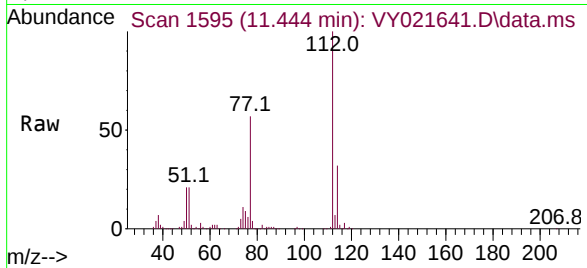




#65
Chlorobenzene
Concen: 48.363 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

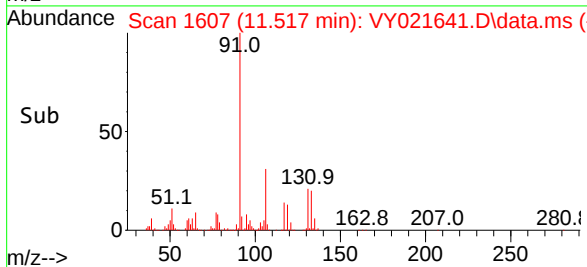
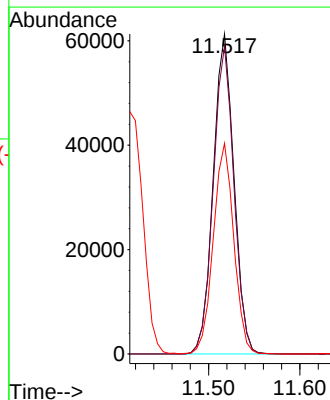
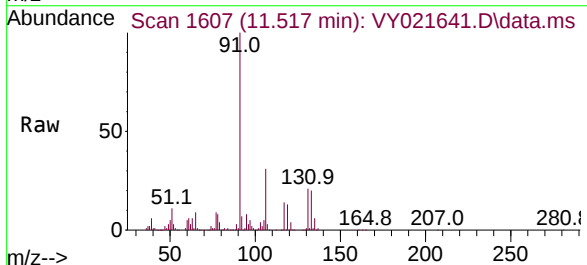
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

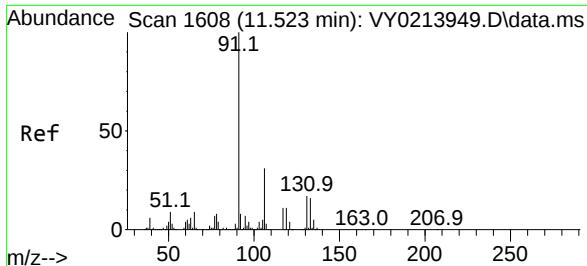
Tgt Ion:112 Resp: 261429
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.576 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion:131 Resp: 96657
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 65.3 32.3 96.9





#67

Ethyl Benzene

Concen: 47.538 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

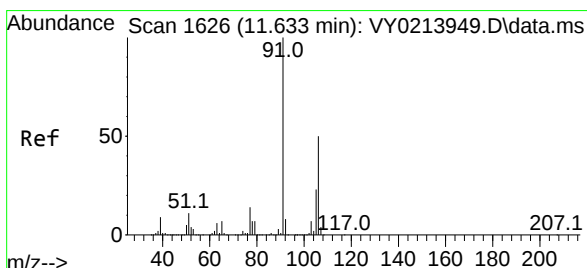
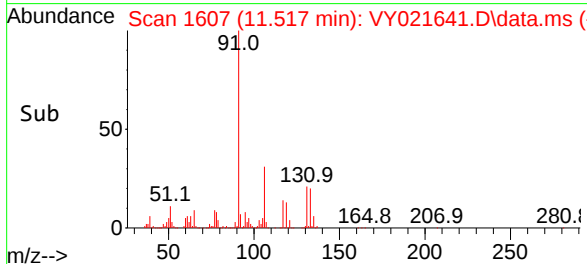
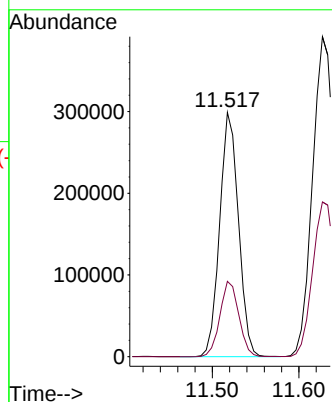
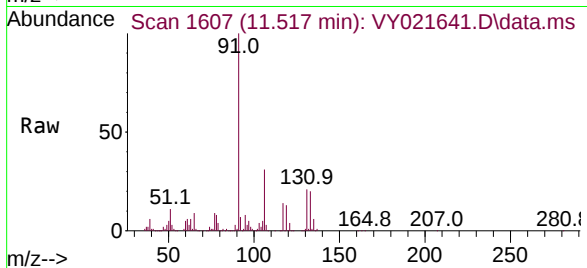
VSTDCCC050EC

Tgt Ion: 91 Resp: 451036

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 95.874 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021641.D

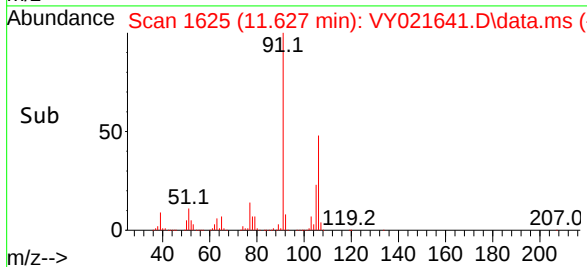
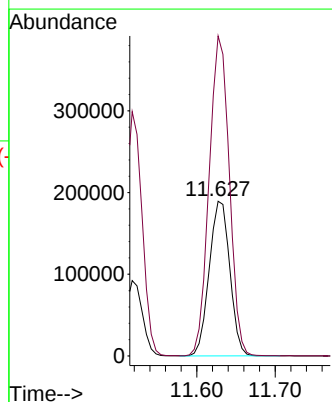
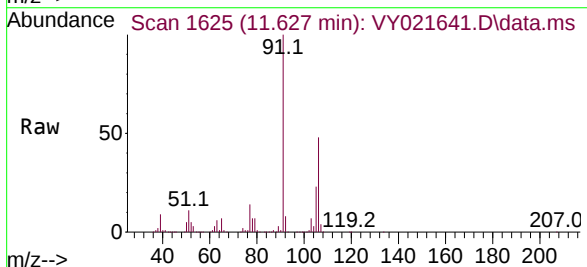
Acq: 25 Mar 2025 17:19

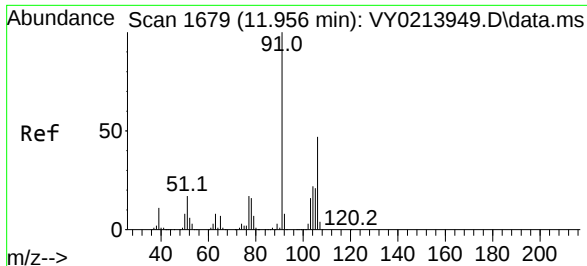
Tgt Ion: 106 Resp: 345347

Ion Ratio Lower Upper

106 100

91 203.0 161.7 242.5





#69

o-Xylene

Concen: 49.727 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

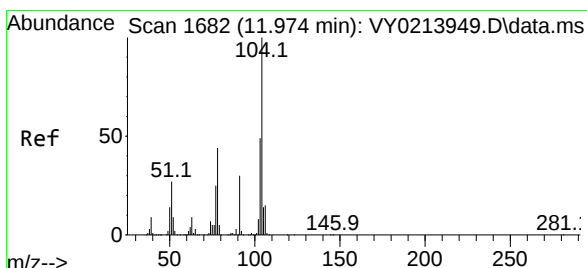
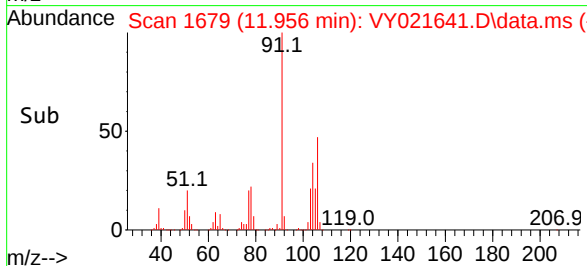
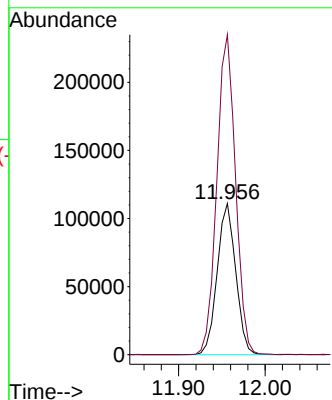
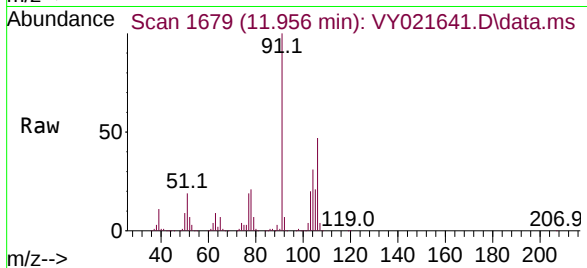
VSTDCCC050EC

Tgt Ion:106 Resp: 165084

Ion Ratio Lower Upper

106 100

91 213.7 107.6 322.8



#70

Styrene

Concen: 51.386 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

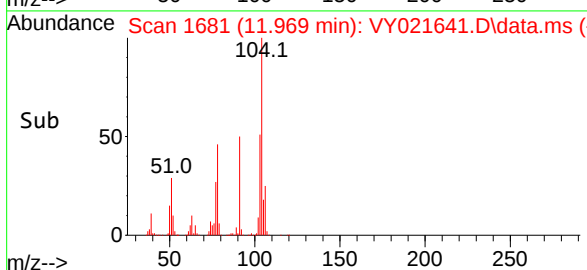
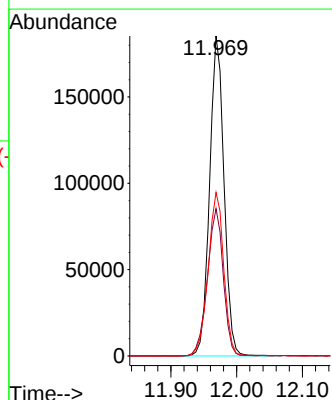
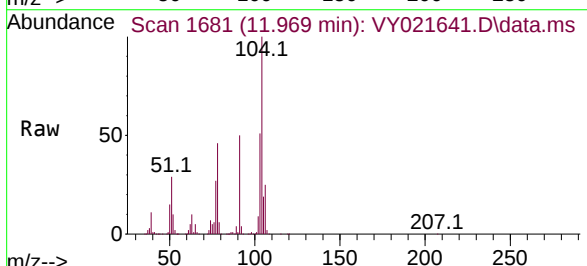
Tgt Ion:104 Resp: 283006

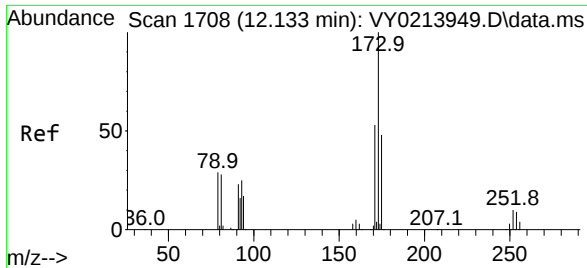
Ion Ratio Lower Upper

104 100

78 50.5 40.7 61.1

103 55.2 44.1 66.1

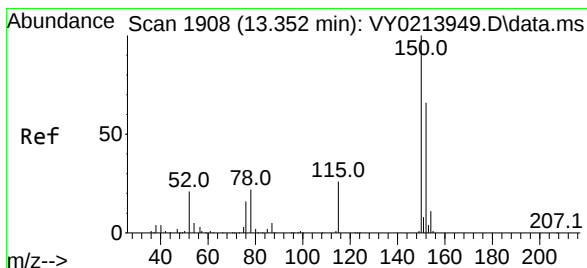
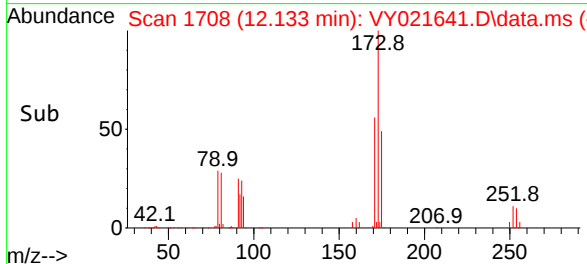
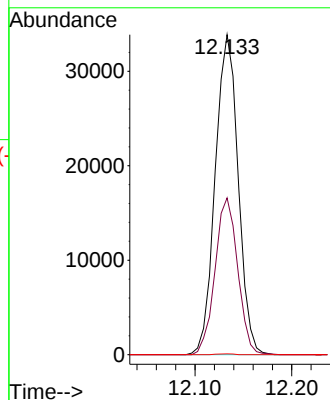
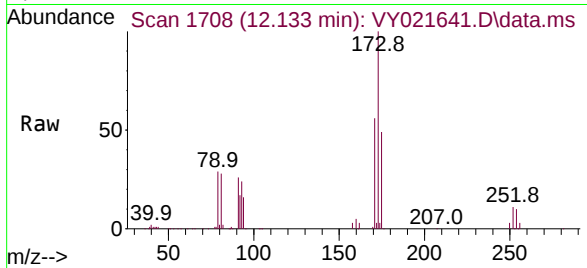




#71
Bromoform
Concen: 52.218 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

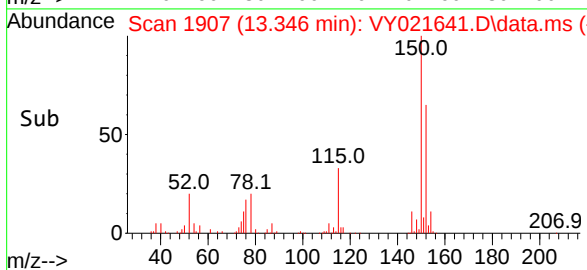
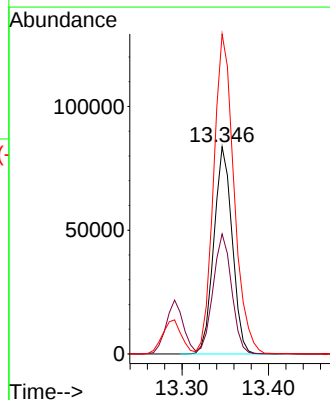
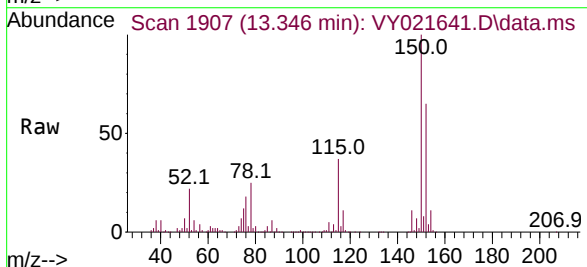
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

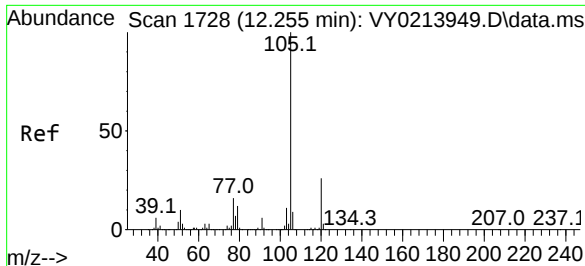
Tgt Ion:173 Resp: 55787
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion:152 Resp: 123003
Ion Ratio Lower Upper
152 100
115 58.6 29.0 87.0
150 172.0 0.0 347.2

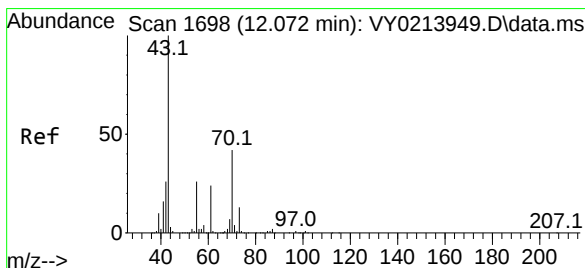
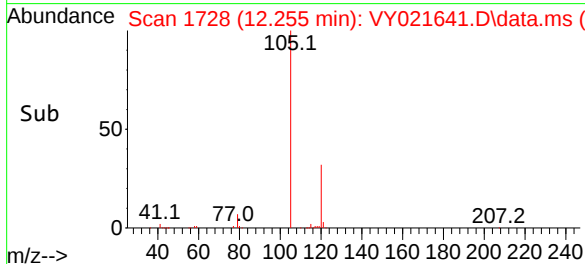
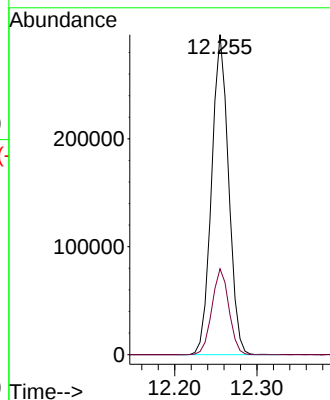
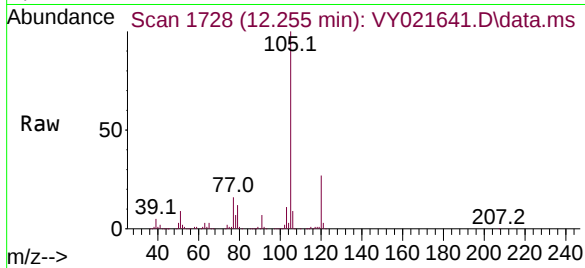




#73
Isopropylbenzene
Concen: 43.786 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

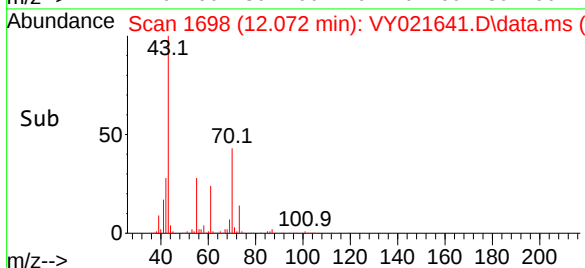
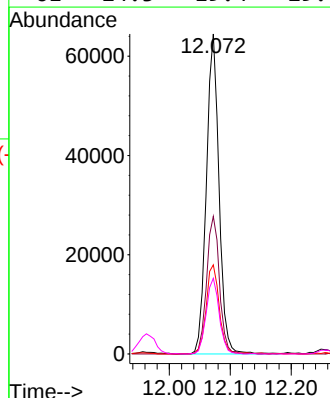
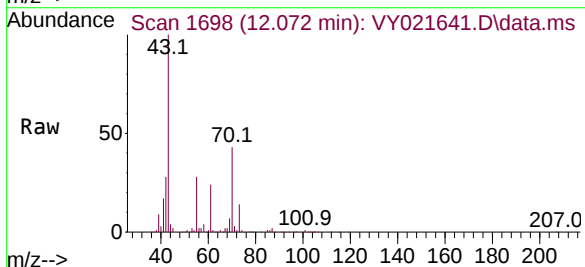
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

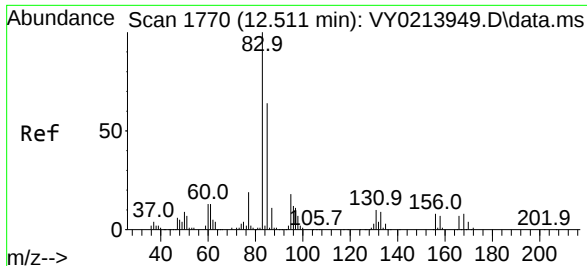
Tgt Ion:105 Resp: 424252
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3



#74
N-ethyl acetate
Concen: 44.297 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 43 Resp: 93213
Ion Ratio Lower Upper
43 100
70 43.7 34.6 51.8
55 29.0 21.1 31.7
61 24.3 19.4 29.0

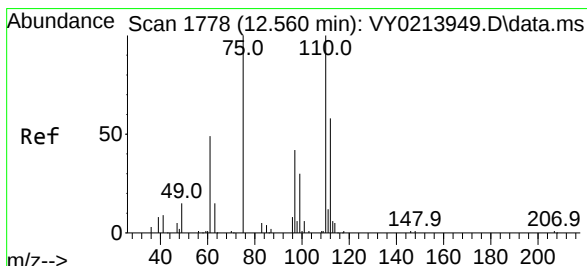
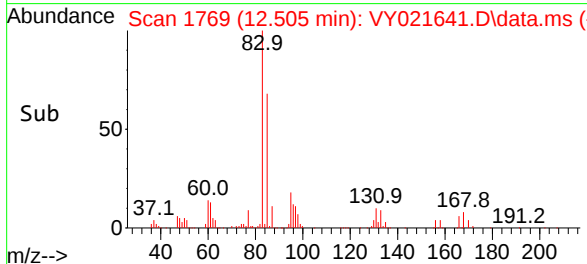
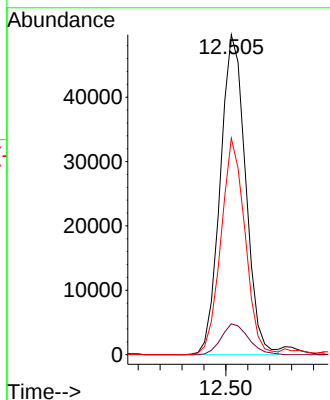
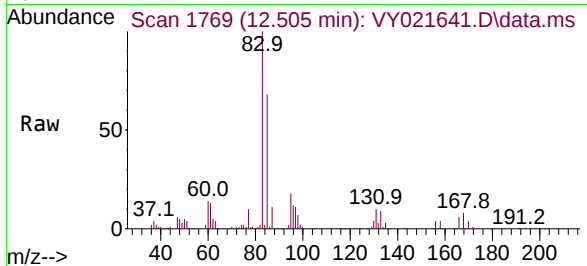




#75
1,1,2,2-Tetrachloroethane
Concen: 46.521 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

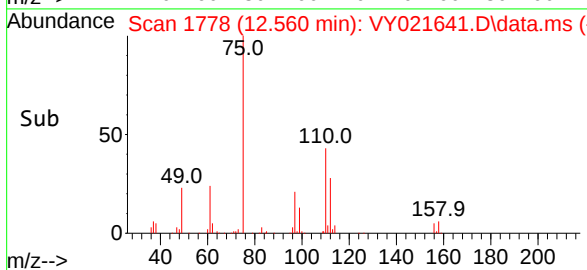
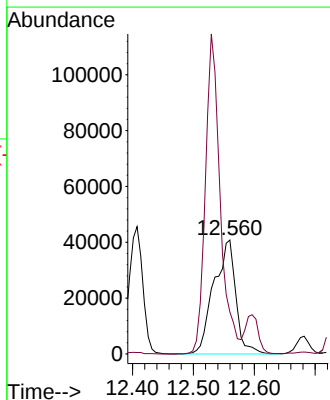
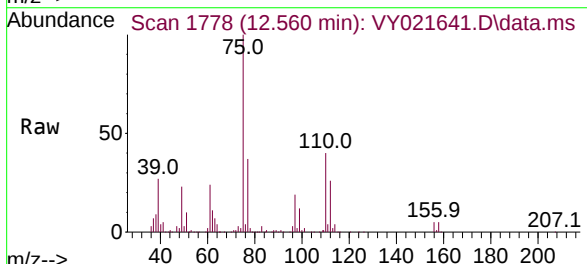
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

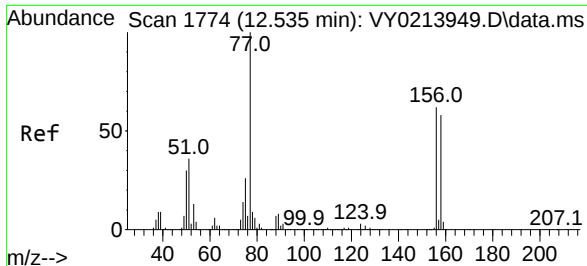
Tgt Ion: 83 Resp: 79542
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 64.4 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 82.718 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 75 Resp: 102527
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

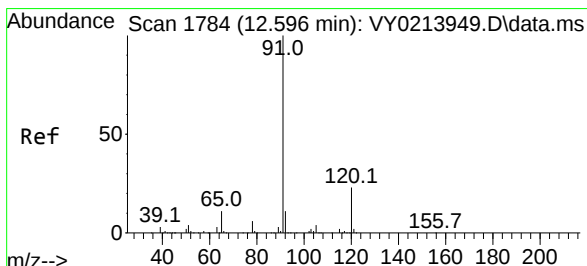
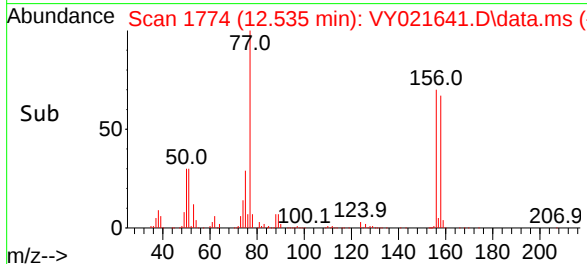
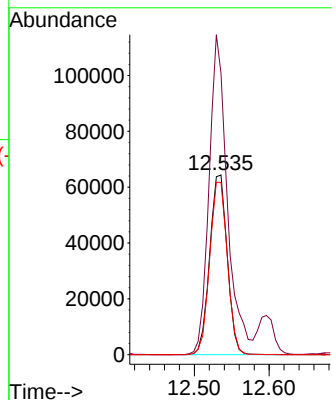
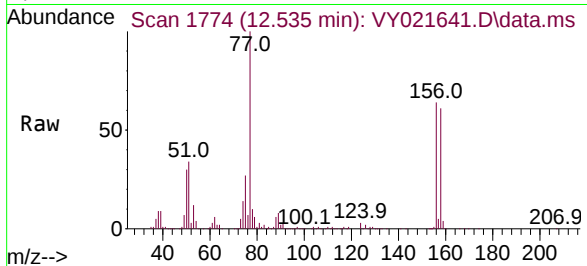




#77
Bromobenzene
Concen: 46.331 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

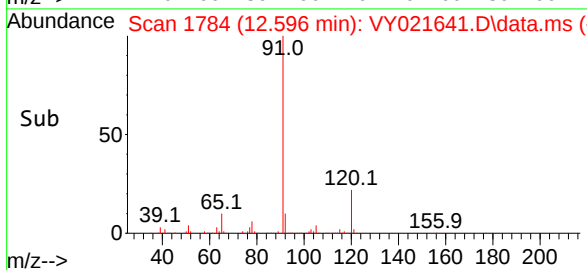
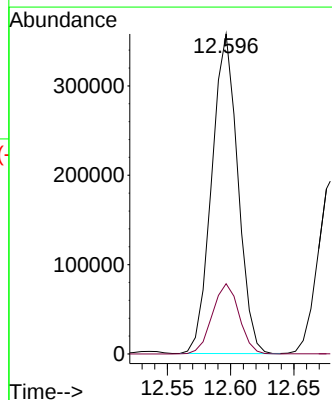
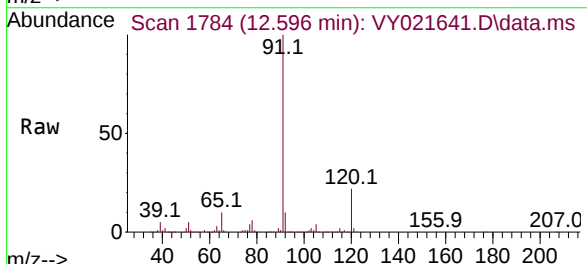
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

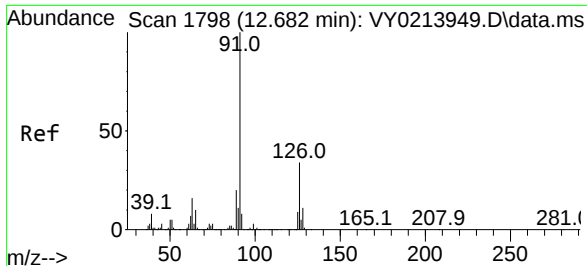
Tgt Ion:156 Resp: 105022
Ion Ratio Lower Upper
156 100
77 185.7 93.6 280.8
158 96.6 48.3 144.8



#78
n-propylbenzene
Concen: 43.613 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 91 Resp: 513212
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 45.298 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

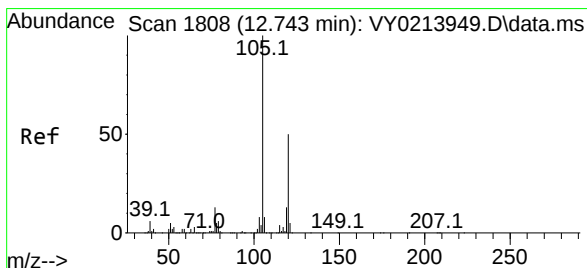
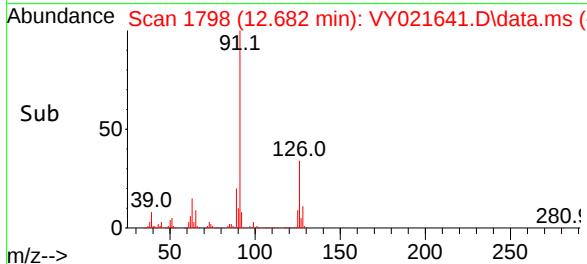
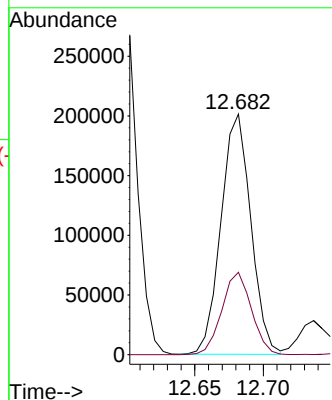
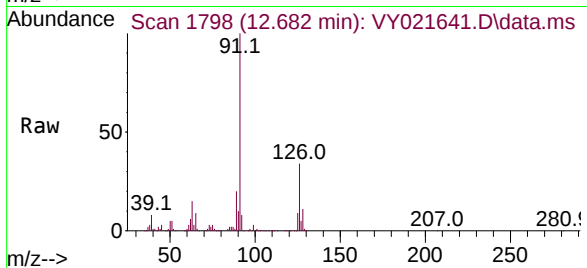
VSTDCCC050EC

Tgt Ion: 91 Resp: 304787

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 44.828 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021641.D

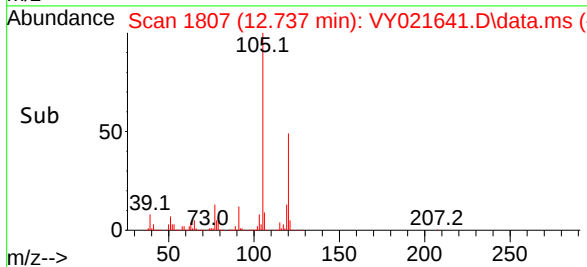
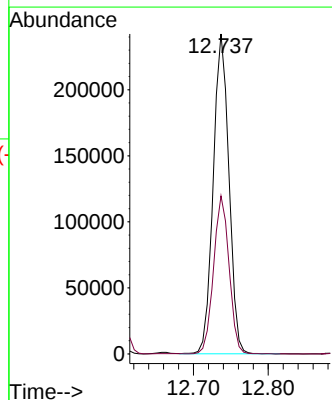
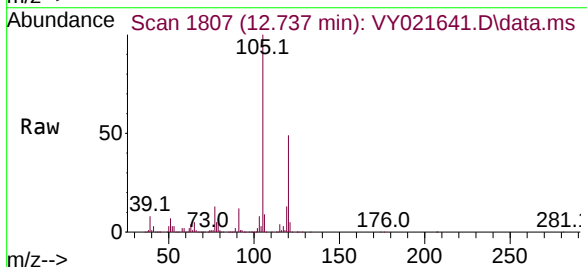
Acq: 25 Mar 2025 17:19

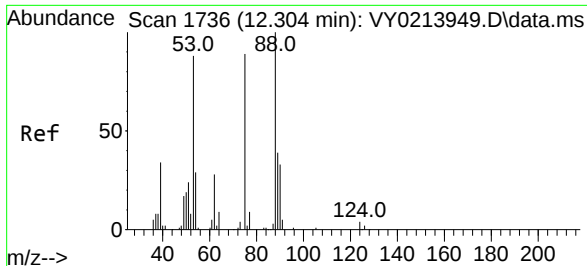
Tgt Ion: 105 Resp: 352977

Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.6

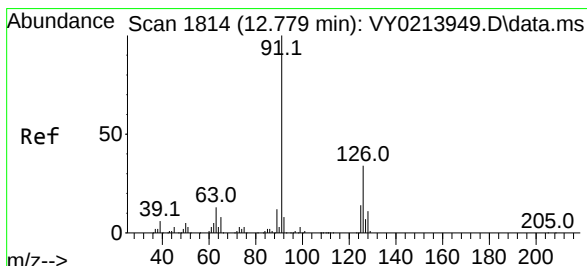
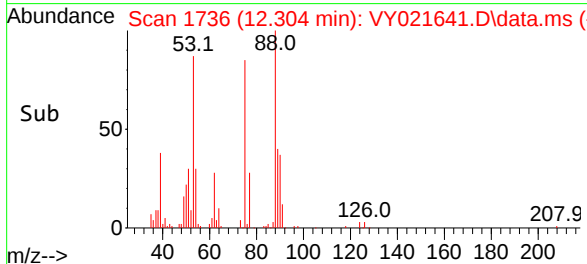
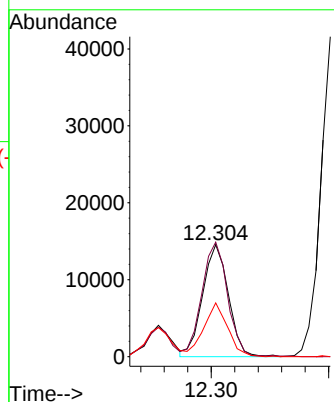
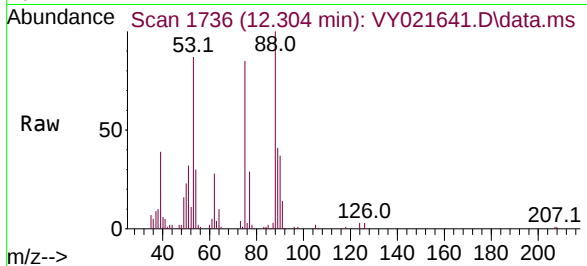




#81
trans-1,4-Dichloro-2-butene
Concen: 40.718 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

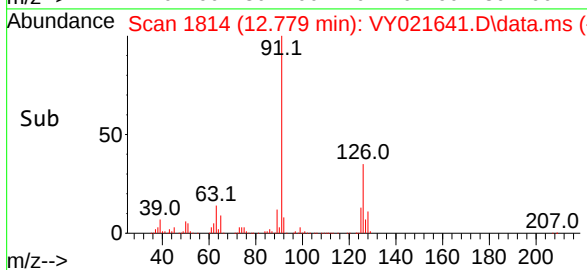
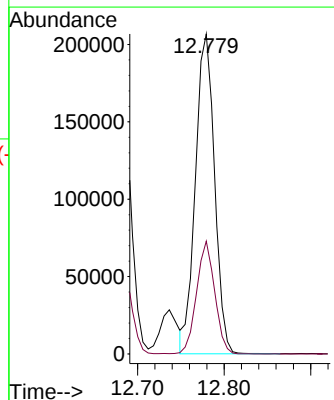
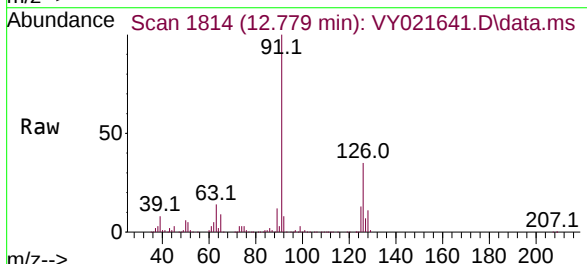
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

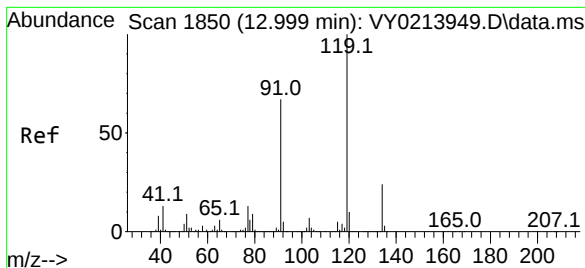
Tgt Ion: 75 Resp: 22201
Ion Ratio Lower Upper
75 100
53 102.6 81.0 121.4
89 44.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 45.393 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 91 Resp: 316277
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0

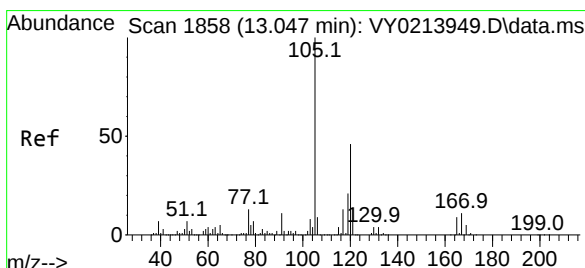
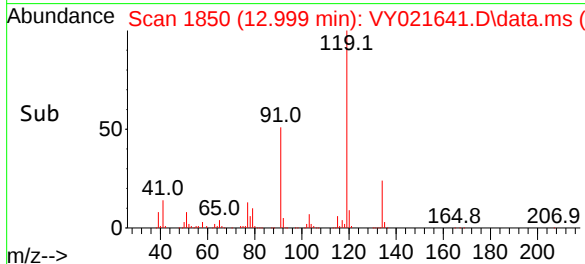
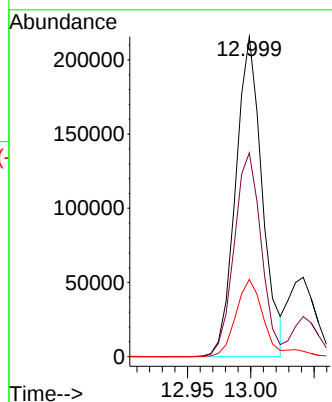
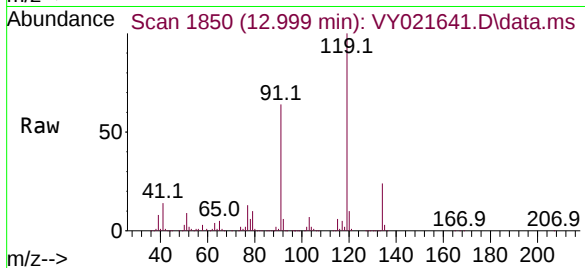




#83
 tert-Butylbenzene
 Concen: 44.854 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

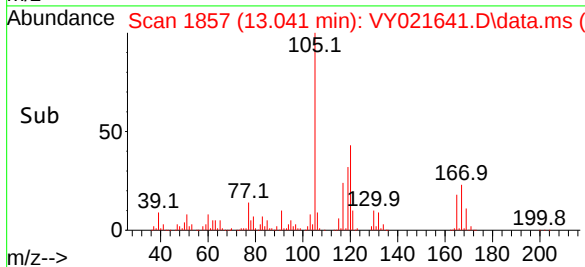
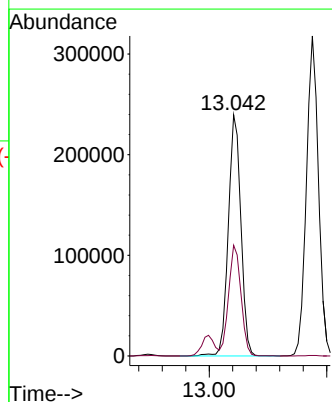
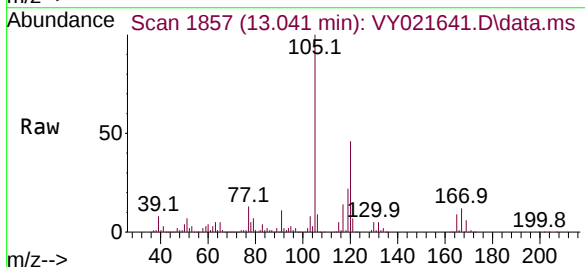
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

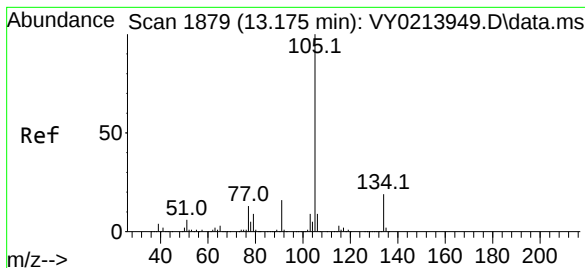
Tgt Ion:119 Resp: 315073
 Ion Ratio Lower Upper
 119 100
 91 65.1 33.2 99.6
 134 26.0 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 45.523 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion:105 Resp: 355900
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 43.213 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

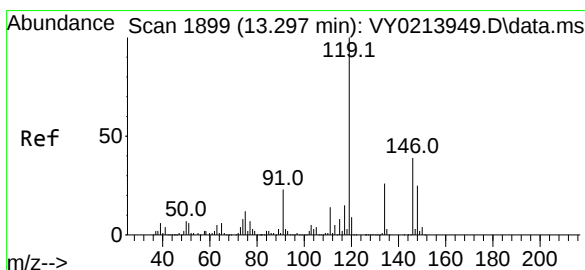
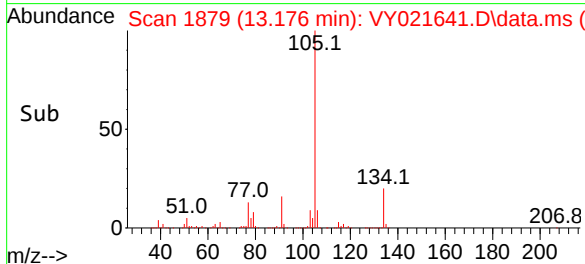
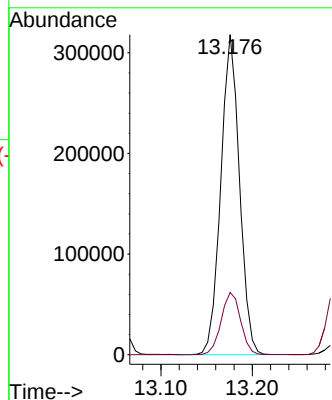
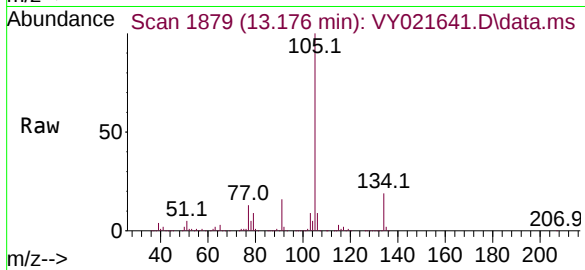
VSTDCCC050EC

Tgt Ion:105 Resp: 451631

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 43.333 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

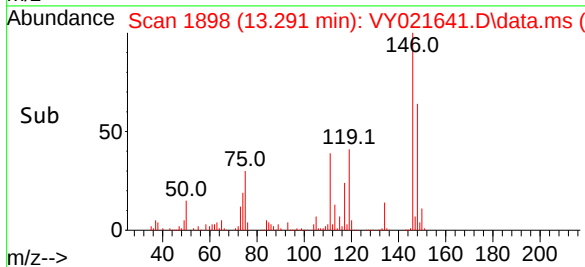
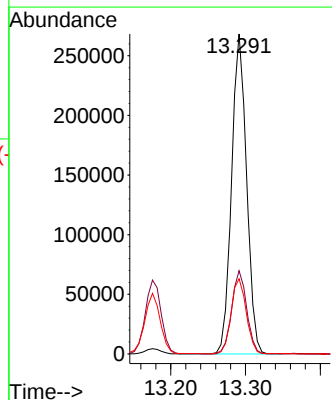
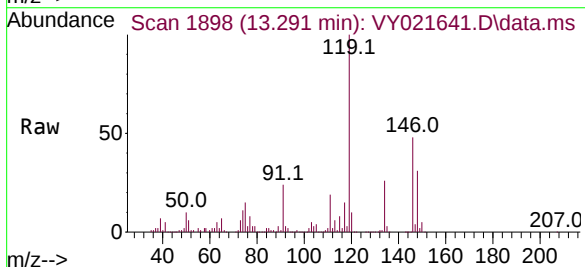
Tgt Ion:119 Resp: 373106

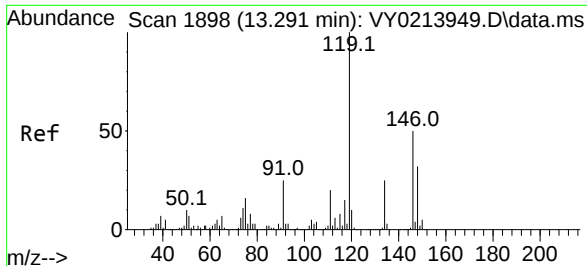
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.9 12.2 36.6

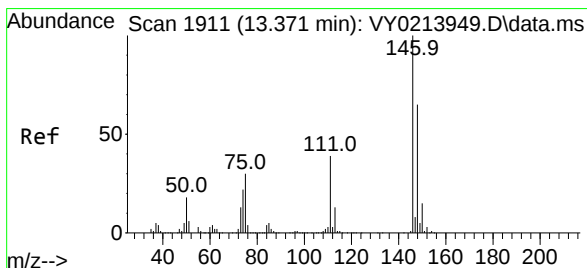
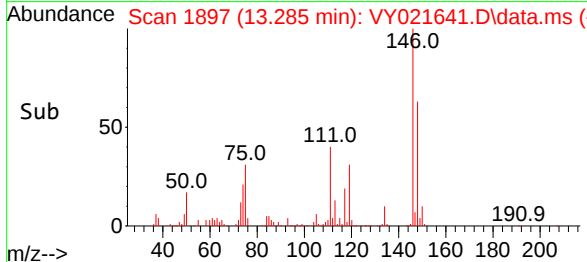
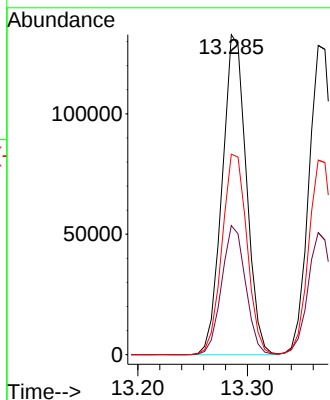
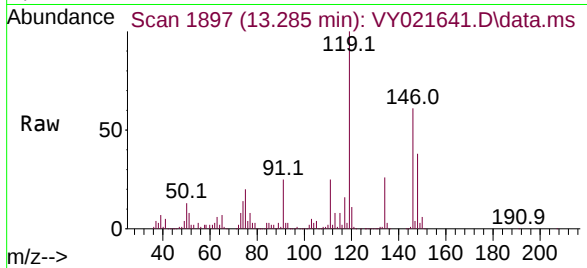




#87
 1,3-Dichlorobenzene
 Concen: 45.169 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

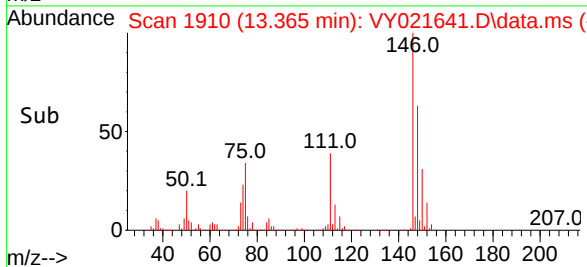
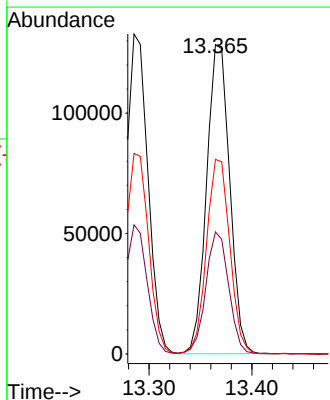
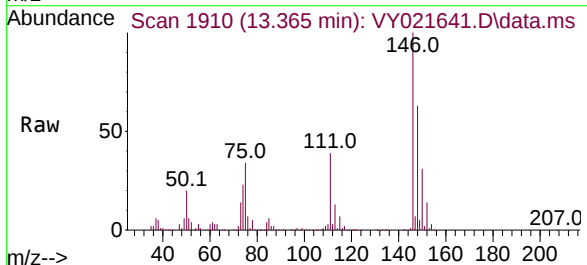
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

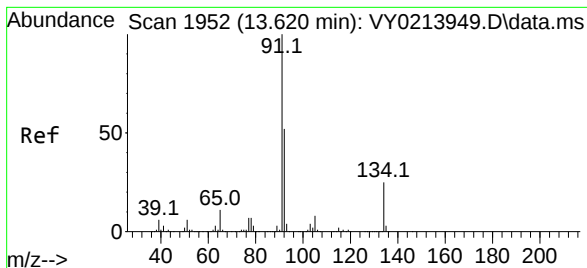
Tgt Ion:146 Resp: 203812
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 45.479 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion:146 Resp: 200690
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 63.4 32.3 96.8

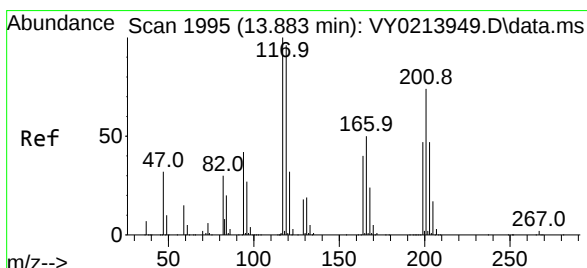
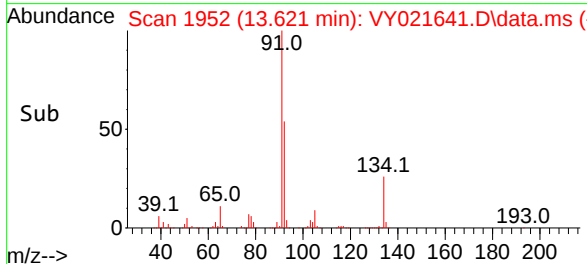
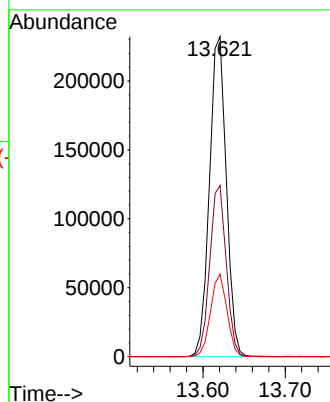
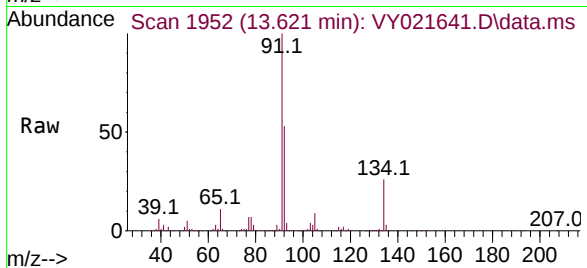




#89
n-Butylbenzene
Concen: 41.664 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

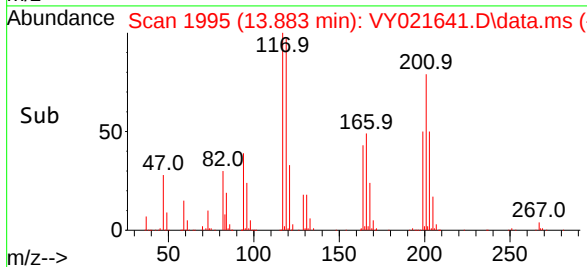
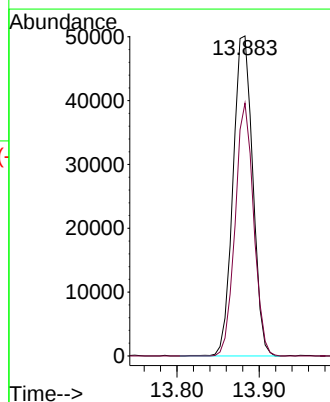
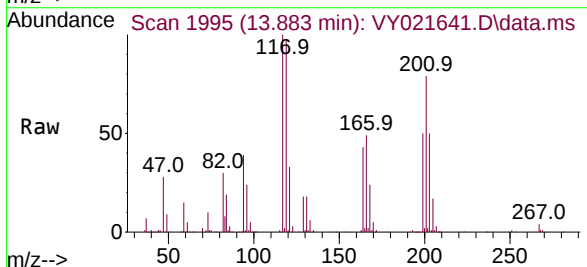
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

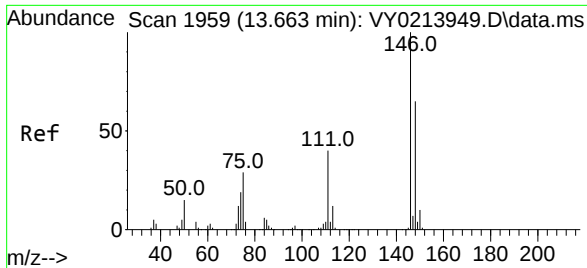
Tgt Ion: 91 Resp: 331259
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.3
134 25.1 12.6 37.8



#90
Hexachloroethane
Concen: 45.530 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021641.D
Acq: 25 Mar 2025 17:19

Tgt Ion: 117 Resp: 83632
Ion Ratio Lower Upper
117 100
201 74.0 37.4 112.2

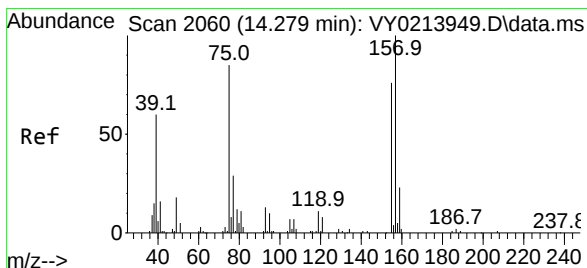
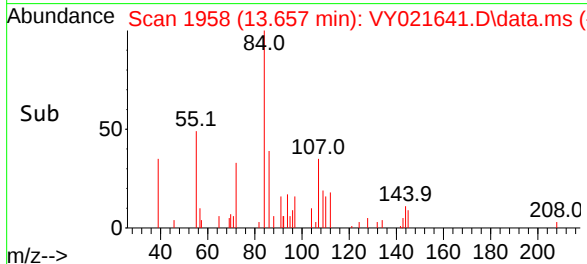
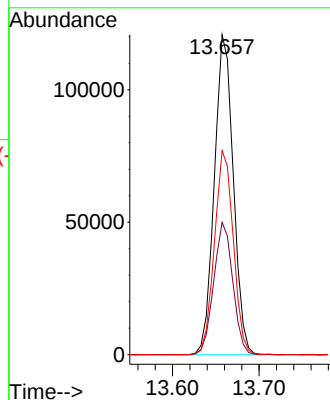
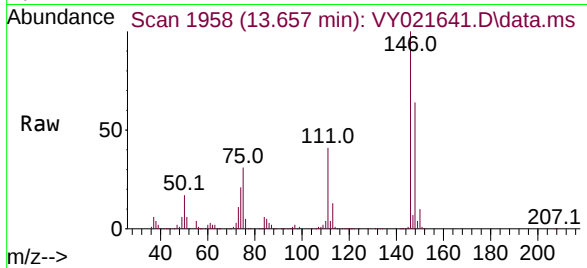




#91
 1,2-Dichlorobenzene
 Concen: 47.505 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

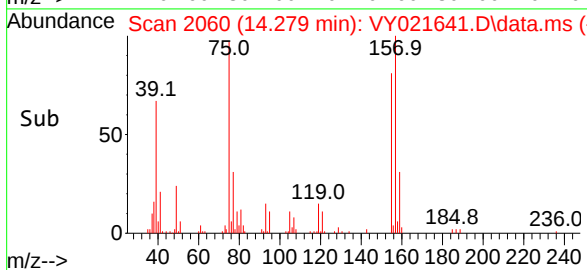
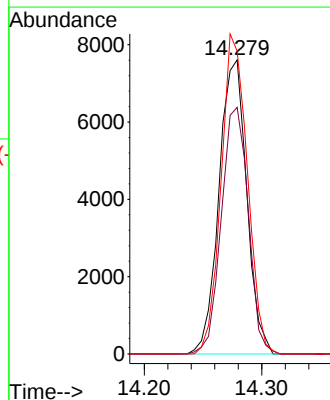
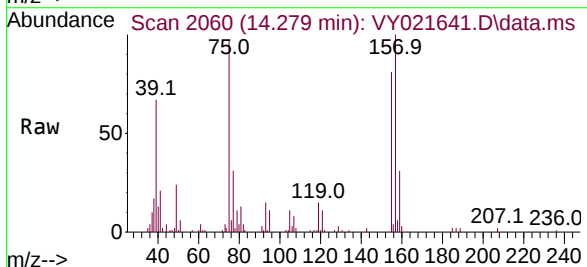
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

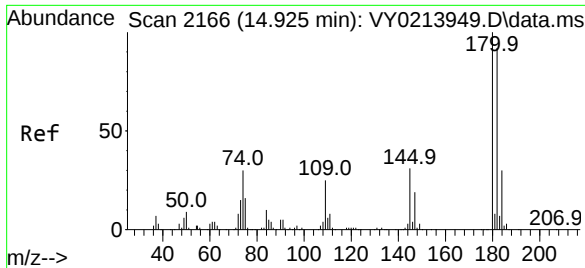
Tgt Ion:146 Resp: 183716
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 63.6 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.672 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion: 75 Resp: 12466
 Ion Ratio Lower Upper
 75 100
 155 81.4 43.5 130.5
 157 103.1 54.4 163.2

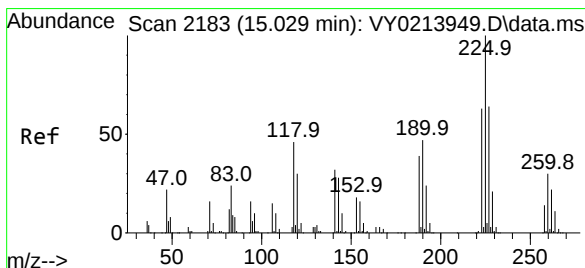
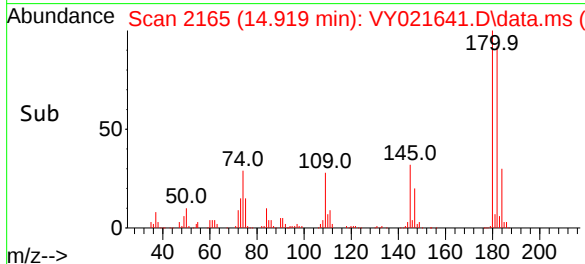
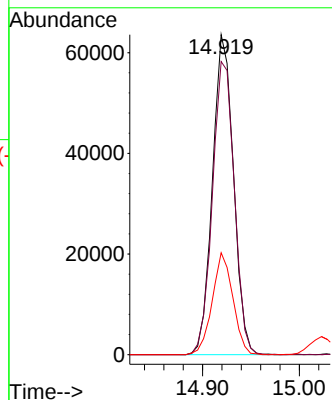
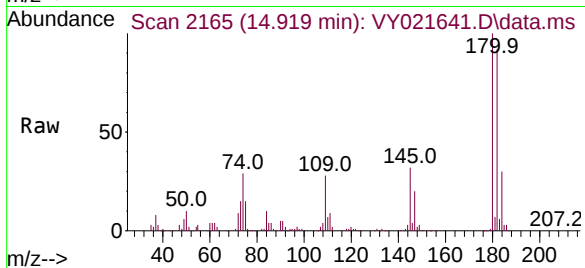




#93
 1,2,4-Trichlorobenzene
 Concen: 45.414 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

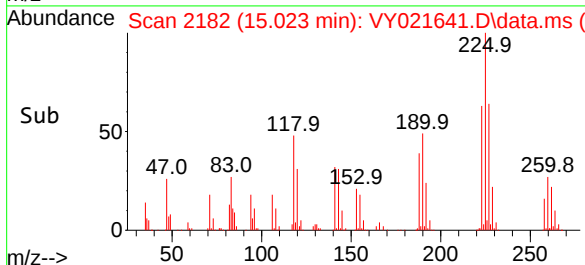
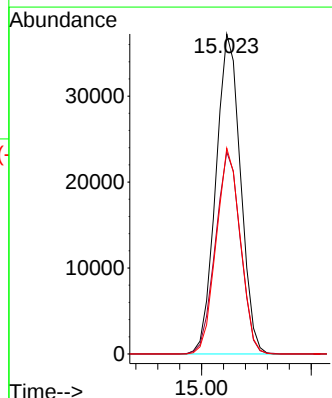
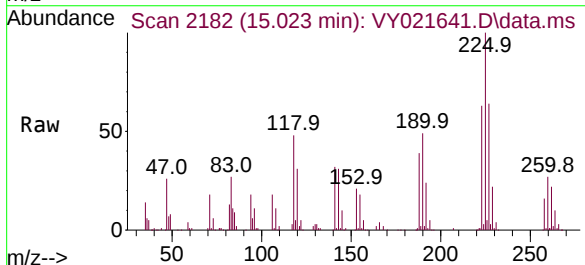
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

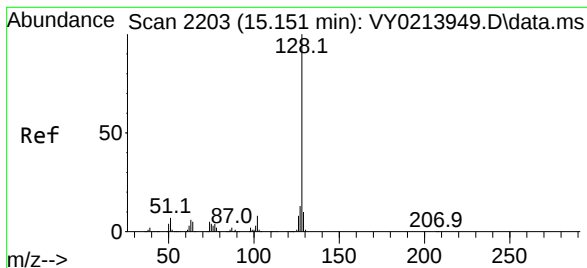
Tgt Ion:180 Resp: 95930
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.7 140.0
 145 31.3 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 43.949 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021641.D
 Acq: 25 Mar 2025 17:19

Tgt Ion:225 Resp: 58194
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.4 94.2
 227 62.7 31.8 95.4





#95

Naphthalene

Concen: 48.280 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

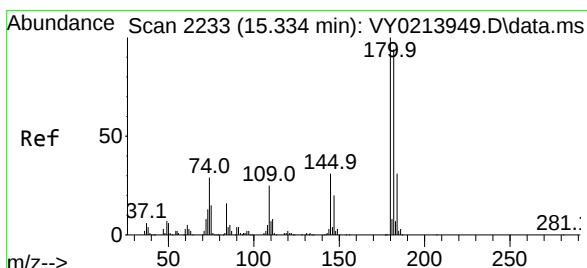
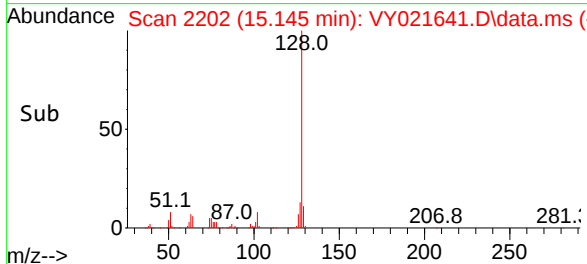
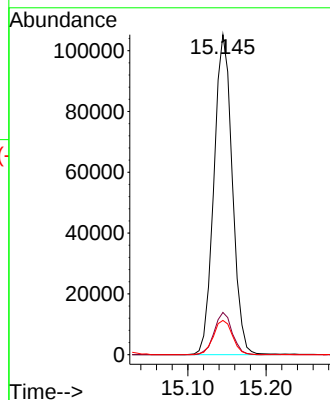
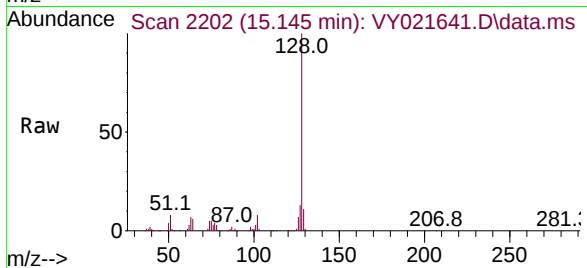
Tgt Ion:128 Resp: 171609

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.926 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021641.D

Acq: 25 Mar 2025 17:19

Tgt Ion:180 Resp: 85144

Ion Ratio Lower Upper

180 100

182 94.8 47.2 141.6

145 32.9 16.4 49.1

