

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
 Data File : VY021245.D
 Acq On : 19 Feb 2025 18:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 20 00:22:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	165417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	263329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	229757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	116229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	88101	51.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.960%	
35) Dibromofluoromethane	7.646	113	84971	50.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.700%	
50) Toluene-d8	10.109	98	314603	48.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.407	95	111317	53.035	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	68125	46.207	ug/l	94
3) Chloromethane	2.074	50	77616	53.350	ug/l	98
4) Vinyl Chloride	2.208	62	81998	55.997	ug/l	98
5) Bromomethane	2.604	94	51477	56.877	ug/l	95
6) Chloroethane	2.745	64	53243	61.081	ug/l	97
7) Trichlorofluoromethane	3.068	101	139644	52.345	ug/l	100
8) Diethyl Ether	3.464	74	46675	56.045	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	85745	51.211	ug/l	96
10) Methyl Iodide	4.013	142	96299	51.770	ug/l	93
11) Tert butyl alcohol	4.878	59	30610	266.519	ug/l	98
12) 1,1-Dichloroethene	3.799	96	80071	50.767	ug/l	89
13) Acrolein	3.659	56	34023	192.376	ug/l	98
14) Allyl chloride	4.397	41	147780	55.595	ug/l	95
15) Acrylonitrile	5.067	53	105365	303.821	ug/l	99
16) Acetone	3.878	43	78384	296.567	ug/l	96
17) Carbon Disulfide	4.116	76	224522	45.397	ug/l	98
18) Methyl Acetate	4.397	43	61425	66.203	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	234150	58.736	ug/l	98
20) Methylene Chloride	4.628	84	93932	57.169	ug/l	88
21) trans-1,2-Dichloroethene	5.122	96	89402	51.495	ug/l	91
22) Diisopropyl ether	6.024	45	328775	60.006	ug/l	97
23) Vinyl Acetate	5.970	43	911621	298.467	ug/l	98
24) 1,1-Dichloroethane	5.927	63	178918	55.736	ug/l	97
25) 2-Butanone	6.902	43	133426	307.203	ug/l	100
26) 2,2-Dichloropropane	6.896	77	153504	51.680	ug/l	96
27) cis-1,2-Dichloroethene	6.902	96	110153	55.122	ug/l	94
28) Bromochloromethane	7.256	49	72467	57.089	ug/l	96
29) Tetrahydrofuran	7.268	42	90360	307.460	ug/l	95
30) Chloroform	7.427	83	184343	55.908	ug/l	99
31) Cyclohexane	7.713	56	140823	48.715	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	162598	53.040	ug/l	100
36) 1,1-Dichloropropene	7.841	75	125097	50.046	ug/l	99
37) Ethyl Acetate	6.994	43	64705	59.007	ug/l	97
38) Carbon Tetrachloride	7.823	117	146445	50.141	ug/l	98
39) Methylcyclohexane	9.115	83	151836	49.660	ug/l	98
40) Benzene	8.085	78	387558	52.834	ug/l	99

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	38035	59.955	ug/l	96
42) 1,2-Dichloroethane	8.164	62	111164	54.630	ug/l	97
43) Isopropyl Acetate	8.201	43	128687	59.061	ug/l	96
44) Trichloroethene	8.871	130	95421	50.349	ug/l	94
45) 1,2-Dichloropropane	9.146	63	96514	55.433	ug/l	97
46) Dibromomethane	9.237	93	52073	54.018	ug/l	97
47) Bromodichloromethane	9.426	83	142381	55.072	ug/l	96
48) Methyl methacrylate	9.225	41	60459	60.916	ug/l	94
49) 1,4-Dioxane	9.237	88	10699	1192.209	ug/l	91
51) 4-Methyl-2-Pentanone	10.005	43	334517	305.302	ug/l	97
52) Toluene	10.176	92	243403	52.845	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	130776	56.333	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	152060	55.321	ug/l #	92
55) 1,1,2-Trichloroethane	10.579	97	69894	55.990	ug/l	99
56) Ethyl methacrylate	10.444	69	100897	60.418	ug/l	88
57) 1,3-Dichloropropane	10.725	76	121459	56.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	232635	292.814	ug/l	99
59) 2-Hexanone	10.767	43	222547	315.458	ug/l	95
60) Dibromochloromethane	10.914	129	95808	54.651	ug/l	99
61) 1,2-Dibromoethane	11.017	107	64150	54.863	ug/l	100
64) Tetrachloroethene	10.652	164	82866	48.585	ug/l	97
65) Chlorobenzene	11.444	112	266534	52.099	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.523	131	97033	53.372	ug/l	98
67) Ethyl Benzene	11.523	91	476554	52.665	ug/l	98
68) m/p-Xylenes	11.633	106	352761	104.209	ug/l	96
69) o-Xylene	11.956	106	168625	53.429	ug/l	97
70) Styrene	11.975	104	285969	54.365	ug/l	98
71) Bromoform	12.139	173	55594	54.936	ug/l #	98
73) Isopropylbenzene	12.261	105	447834	49.326	ug/l	99
74) N-amyl acetate	12.072	43	114723	57.796	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	79491	52.644	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	104178	98.809	ug/l #	100
77) Bromobenzene	12.535	156	103017	49.169	ug/l	97
78) n-propylbenzene	12.603	91	539445	49.878	ug/l	99
79) 2-Chlorotoluene	12.688	91	309867	50.023	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	365700	49.680	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	27332	52.896	ug/l	97
82) 4-Chlorotoluene	12.779	91	316493	50.148	ug/l	99
83) tert-Butylbenzene	13.005	119	336692	50.321	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	364939	50.704	ug/l	100
85) sec-Butylbenzene	13.182	105	478716	49.704	ug/l	99
86) p-Isopropyltoluene	13.298	119	395546	49.440	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	201146	49.722	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	194880	48.925	ug/l	99
89) n-Butylbenzene	13.621	91	368108	50.435	ug/l	99
90) Hexachloroethane	13.883	117	83620	50.100	ug/l	87
91) 1,2-Dichlorobenzene	13.663	146	176618	50.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11631	51.546	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	103377	52.893	ug/l	99
94) Hexachlorobutadiene	15.029	225	63868	49.312	ug/l	98
95) Naphthalene	15.151	128	180305	57.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	87654	53.891	ug/l	98

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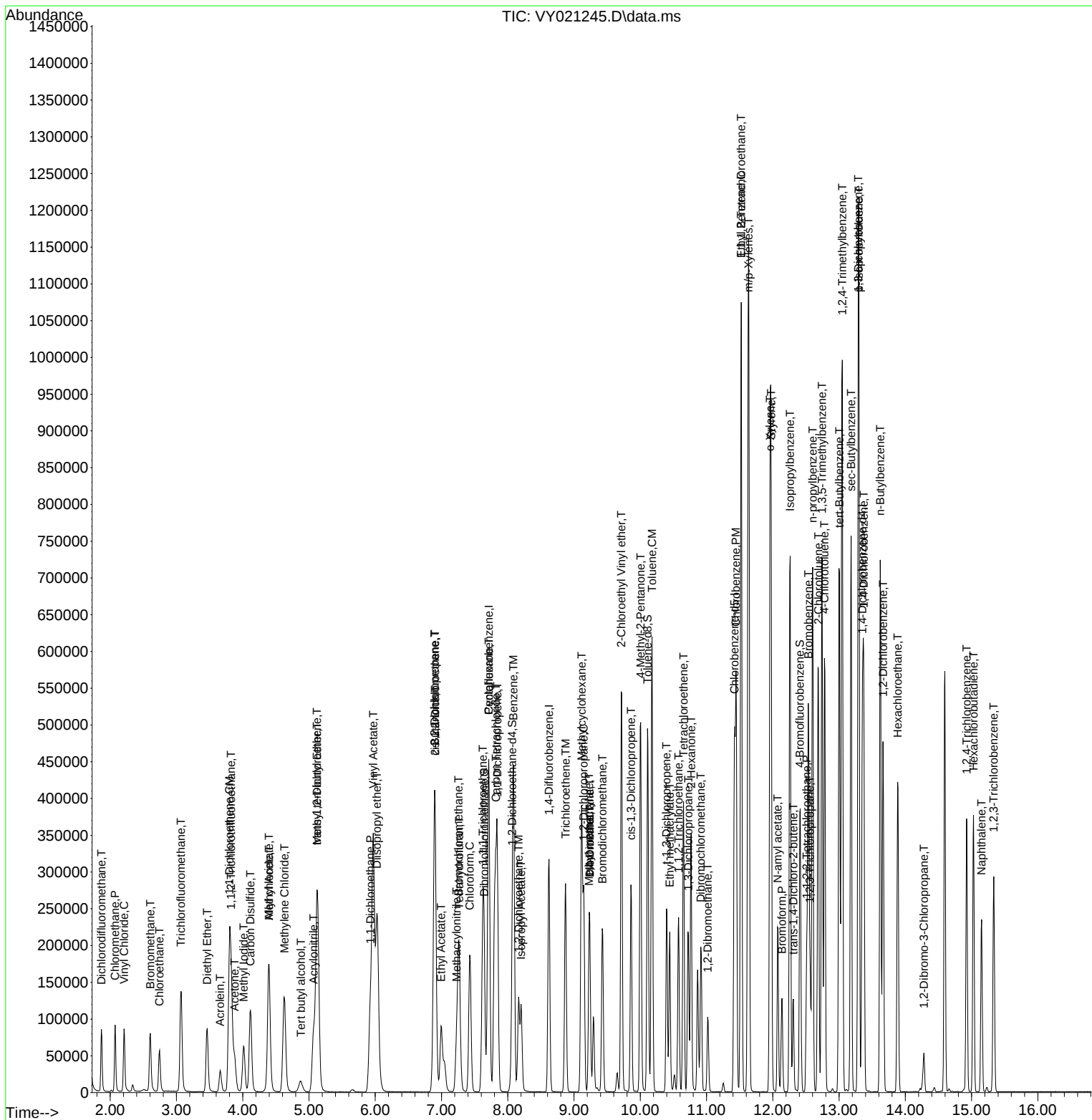
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

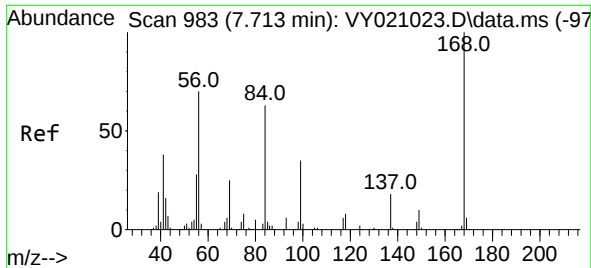
Quant Time: Feb 20 00:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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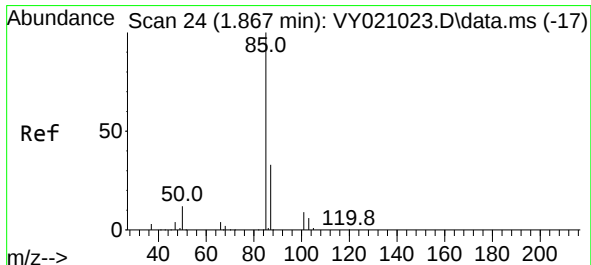
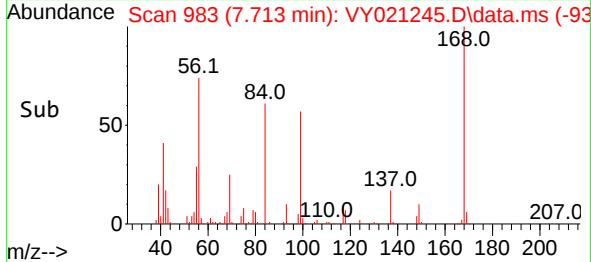
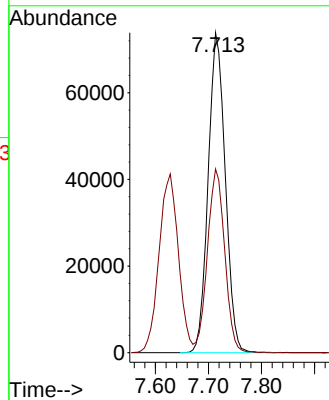
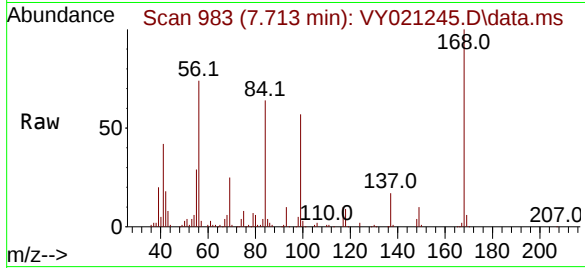




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021245.D
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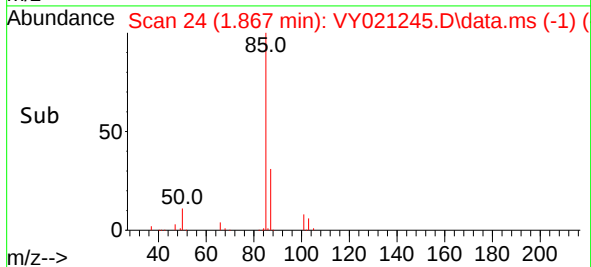
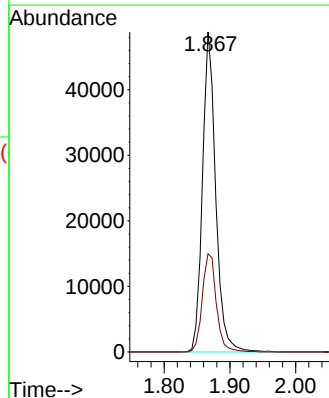
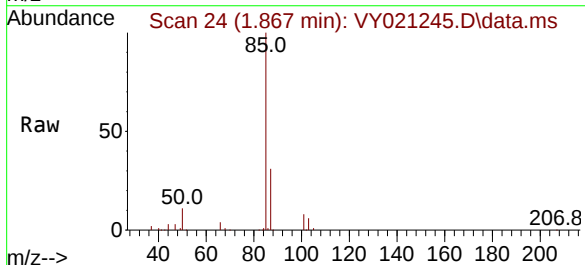
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ClientSampleId :
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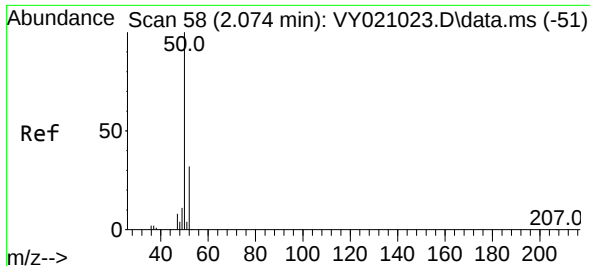
Tgt Ion:168 Resp: 165417
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 46.207 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 85 Resp: 68125
Ion Ratio Lower Upper
85 100
87 30.7 17.1 51.3

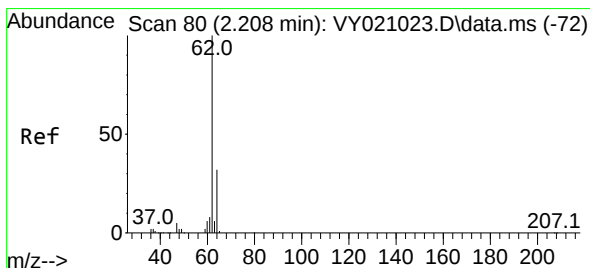
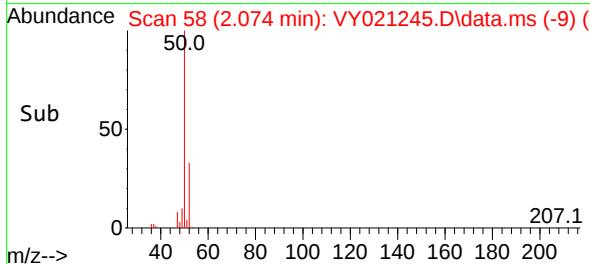
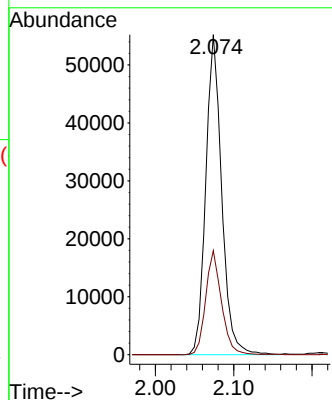
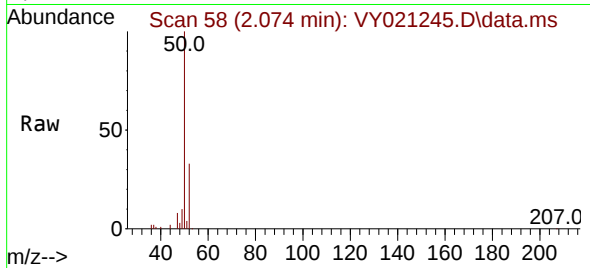




#3
Chloromethane
Concen: 53.350 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

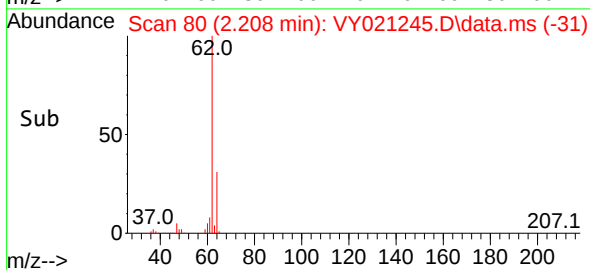
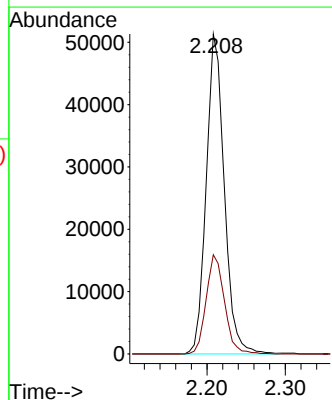
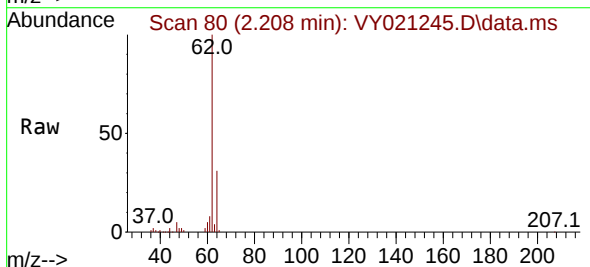
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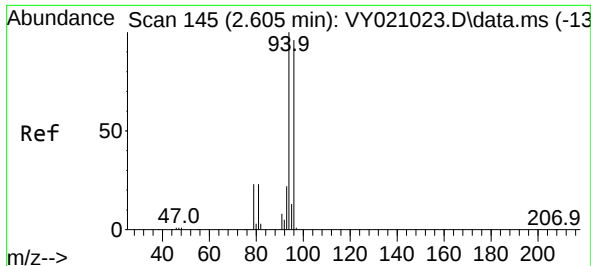
Tgt Ion: 50 Resp: 77616
Ion Ratio Lower Upper
50 100
52 32.5 26.7 40.1



#4
Vinyl Chloride
Concen: 55.997 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 62 Resp: 81998
Ion Ratio Lower Upper
62 100
64 31.0 25.7 38.5

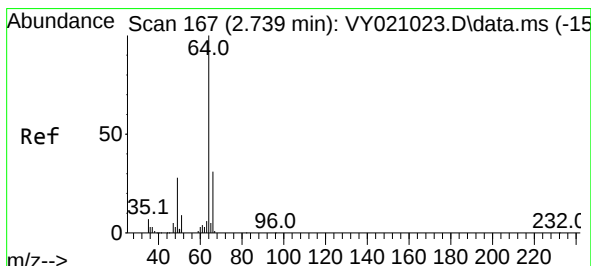
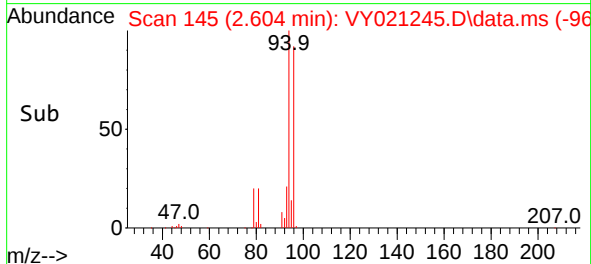
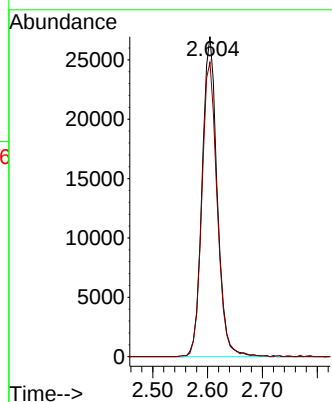
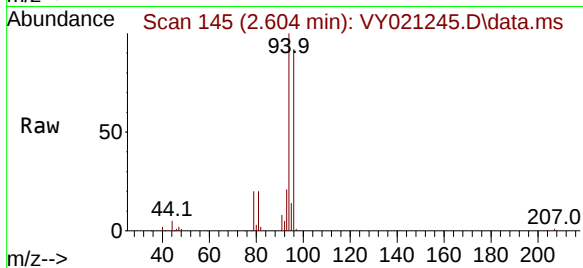




#5
Bromomethane
Concen: 56.877 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

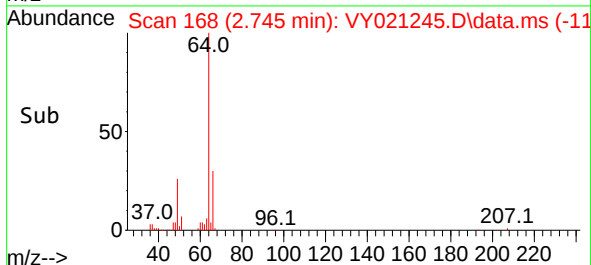
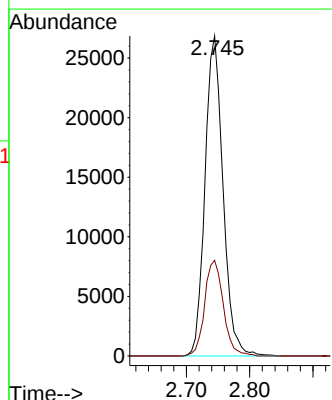
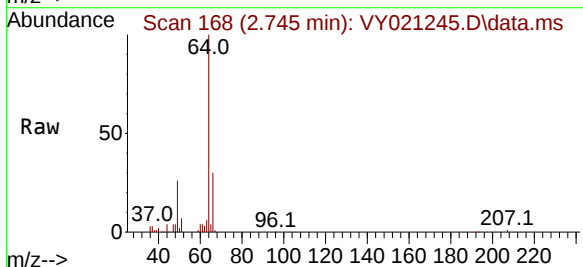
Instrument :
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Tgt Ion: 94 Resp: 51477
Ion Ratio Lower Upper
94 100
96 91.7 77.3 115.9



#6
Chloroethane
Concen: 61.081 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 64 Resp: 53243
Ion Ratio Lower Upper
64 100
66 29.9 25.1 37.7

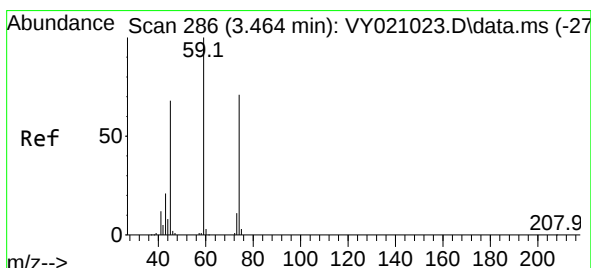
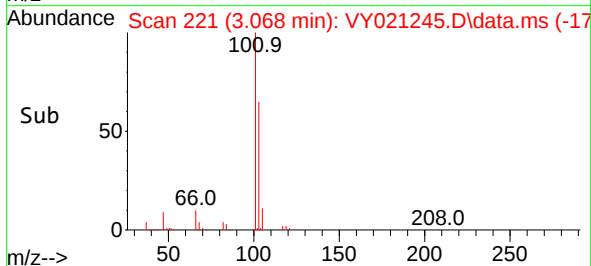
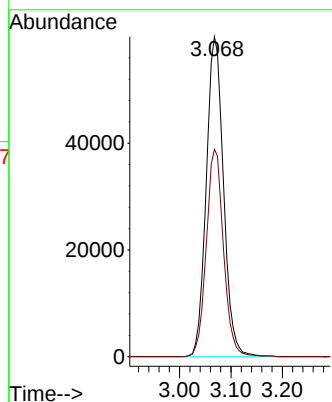
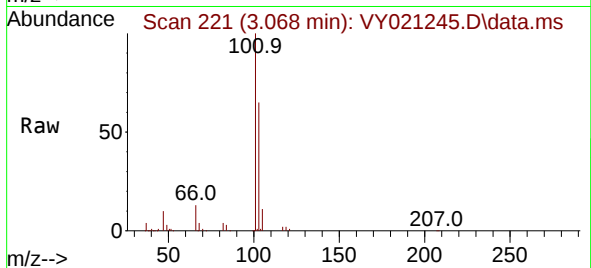




#7
Trichlorofluoromethane
Concen: 52.345 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

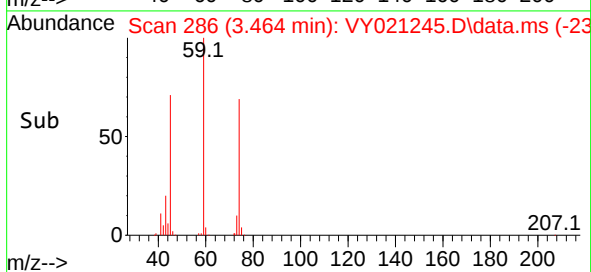
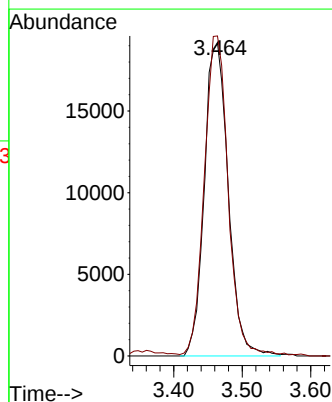
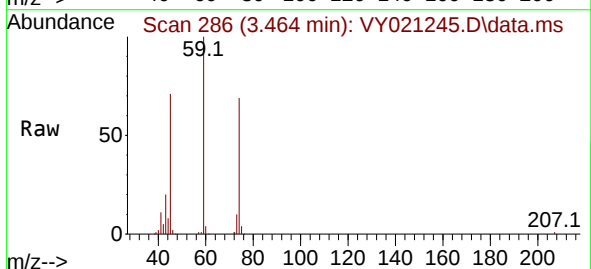
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VSTDCCC050EC

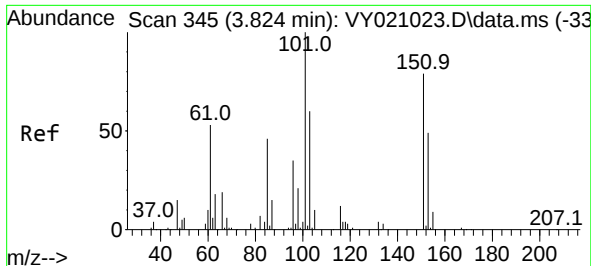
Tgt Ion:101 Resp: 139644
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9



#8
Diethyl Ether
Concen: 56.045 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 74 Resp: 46675
Ion Ratio Lower Upper
74 100
45 100.5 47.9 143.7

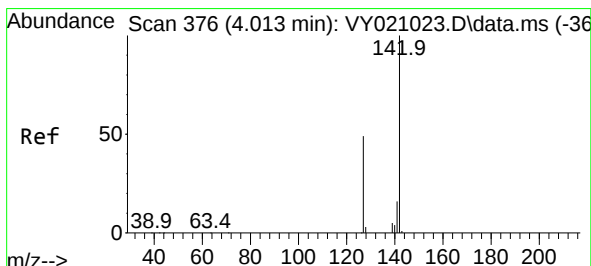
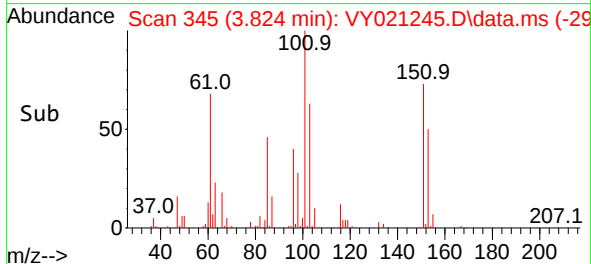
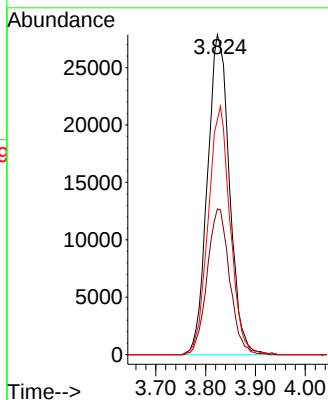
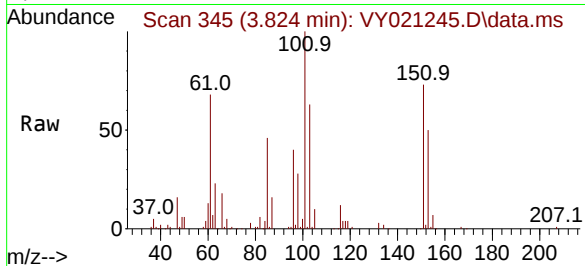




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.211 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

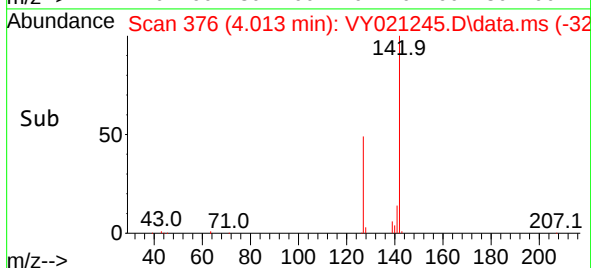
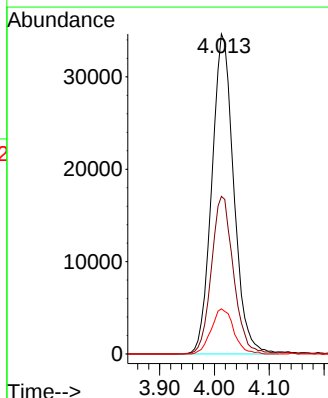
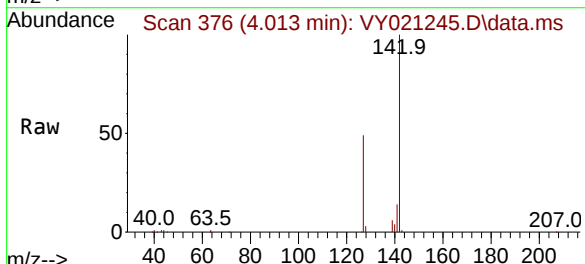
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

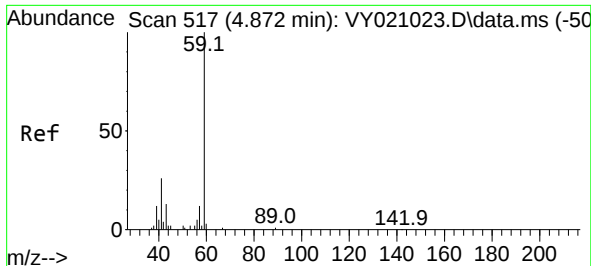
Tgt Ion:101 Resp: 85745
Ion Ratio Lower Upper
101 100
85 46.3 35.8 53.6
151 76.9 58.6 88.0



#10
Methyl Iodide
Concen: 51.770 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion:142 Resp: 96299
Ion Ratio Lower Upper
142 100
127 49.5 35.1 52.7
141 14.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 266.519 ug/l

RT: 4.878 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

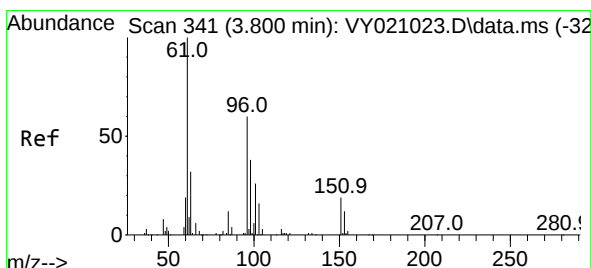
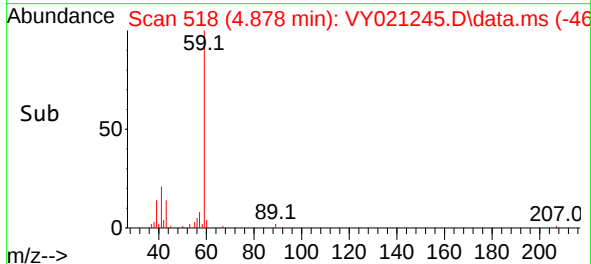
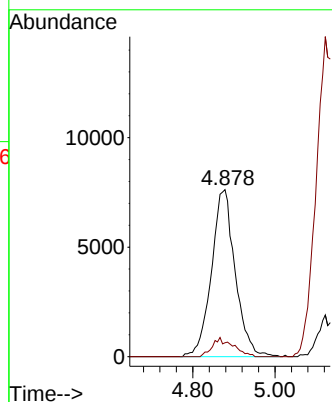
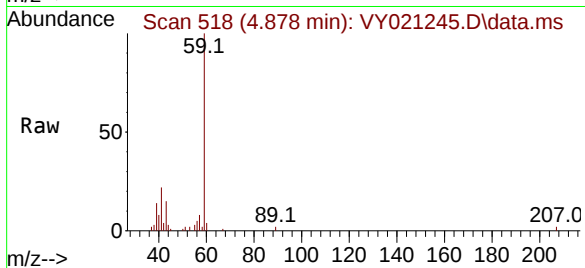
VSTDCCC050EC

Tgt Ion: 59 Resp: 30610

Ion Ratio Lower Upper

59 100

57 10.0 7.4 11.0



#12

1,1-Dichloroethene

Concen: 50.767 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

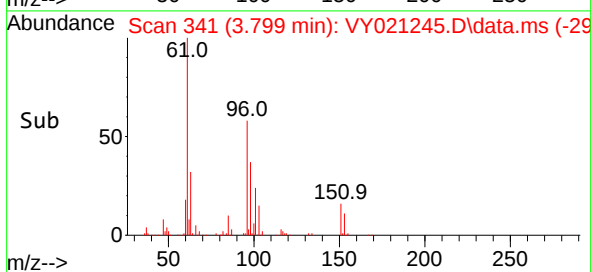
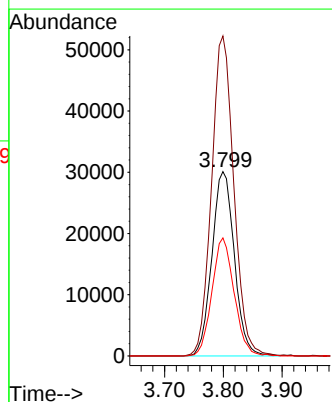
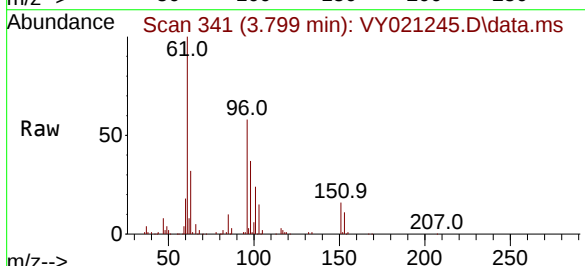
Tgt Ion: 96 Resp: 80071

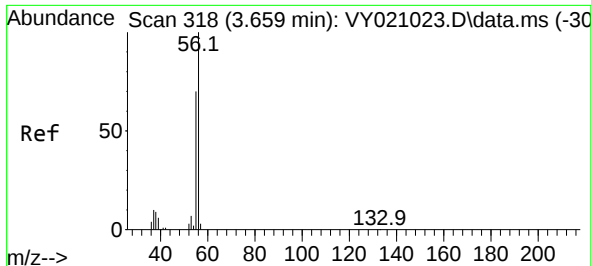
Ion Ratio Lower Upper

96 100

61 173.6 124.2 186.2

98 64.1 52.6 79.0





#13

Acrolein

Concen: 192.376 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

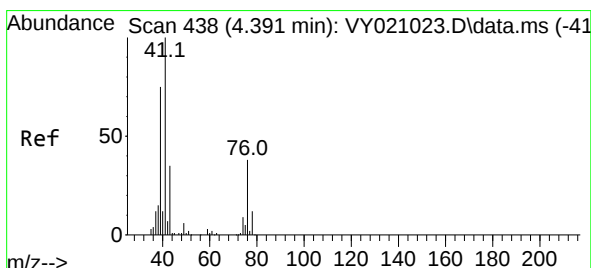
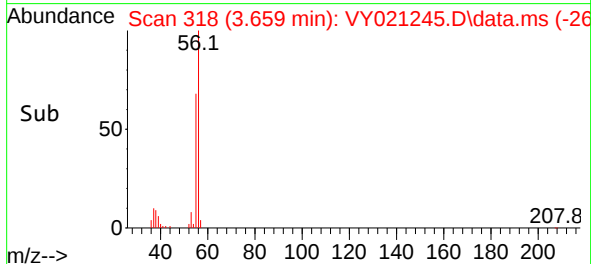
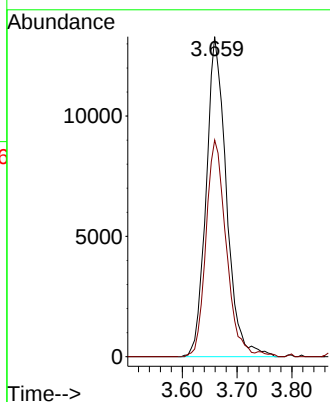
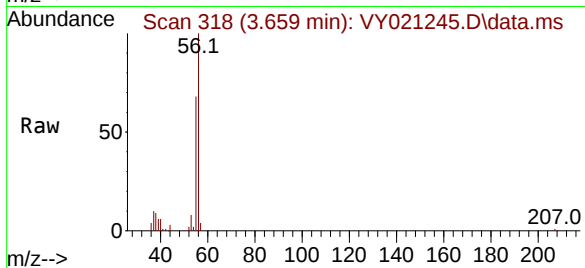
VSTDCCC050EC

Tgt Ion: 56 Resp: 34023

Ion Ratio Lower Upper

56 100

55 67.4 55.4 83.0



#14

Allyl chloride

Concen: 55.595 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

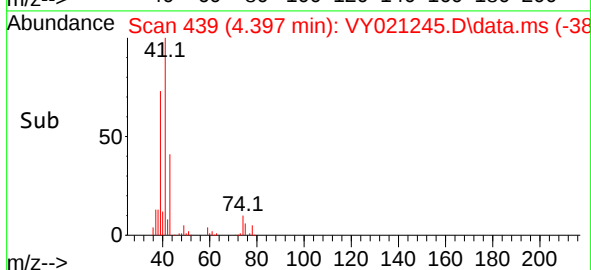
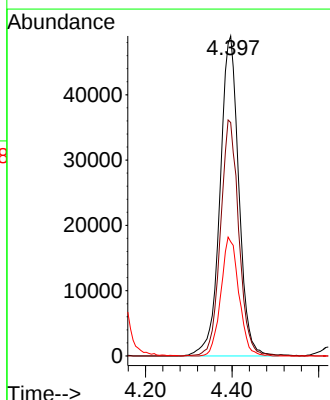
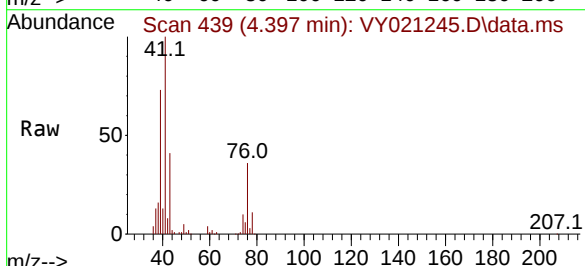
Tgt Ion: 41 Resp: 147780

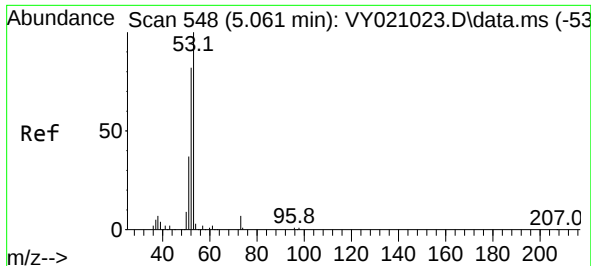
Ion Ratio Lower Upper

41 100

39 72.1 54.7 82.1

76 35.6 31.8 47.6

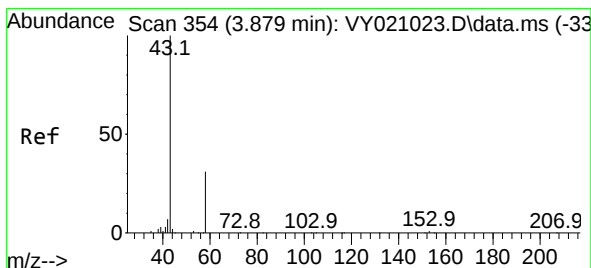
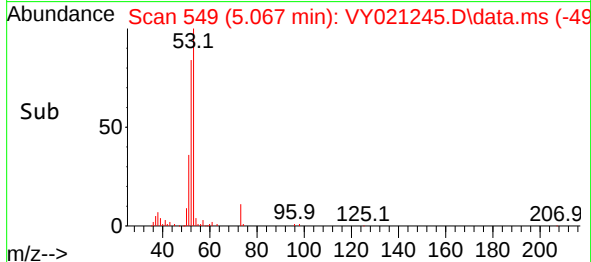
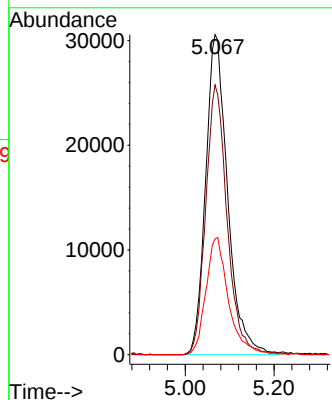
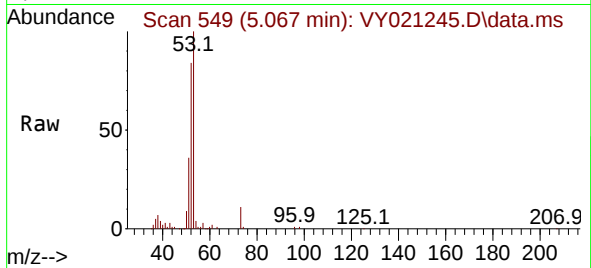




#15
Acrylonitrile
Concen: 303.821 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

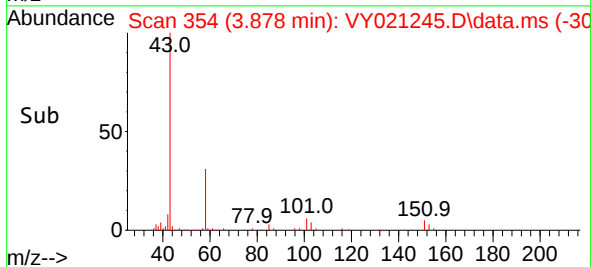
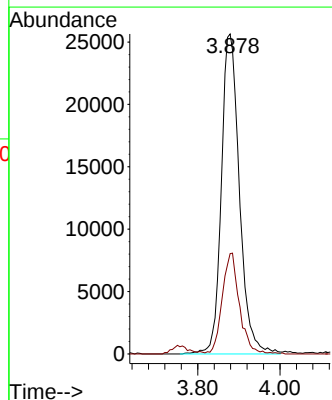
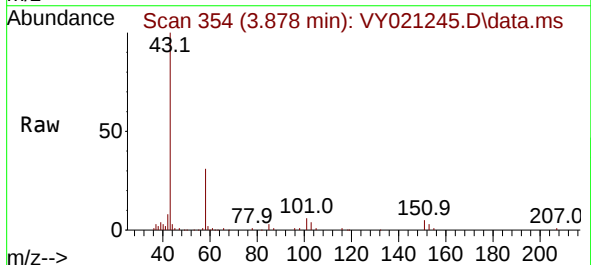
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

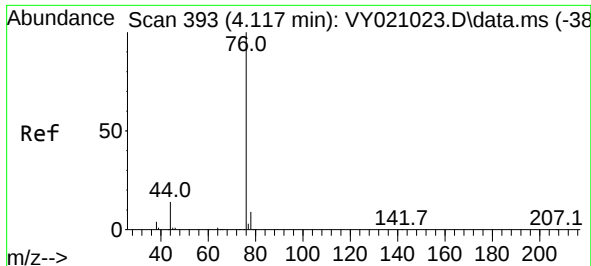
Tgt Ion: 53 Resp: 105365
Ion Ratio Lower Upper
53 100
52 81.9 65.1 97.7
51 37.6 29.0 43.4



#16
Acetone
Concen: 296.567 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 43 Resp: 78384
Ion Ratio Lower Upper
43 100
58 31.1 26.6 39.8

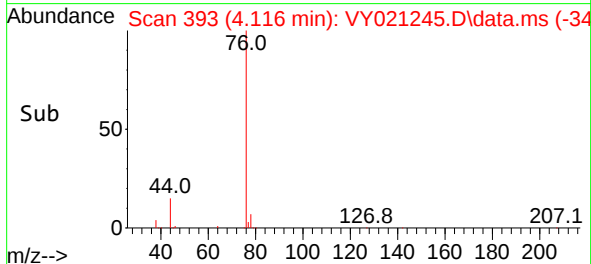
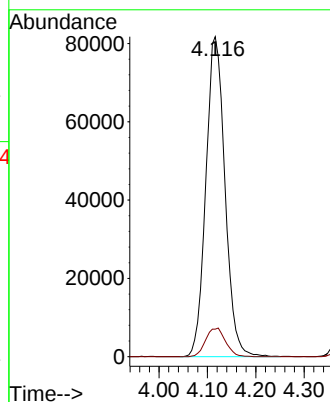
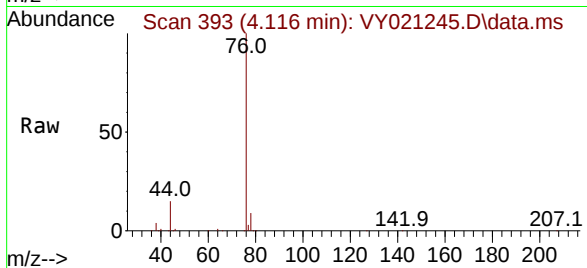




#17
Carbon Disulfide
Concen: 45.397 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

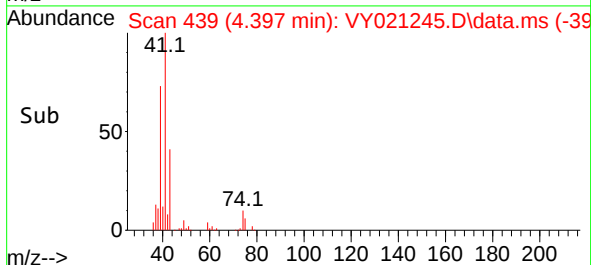
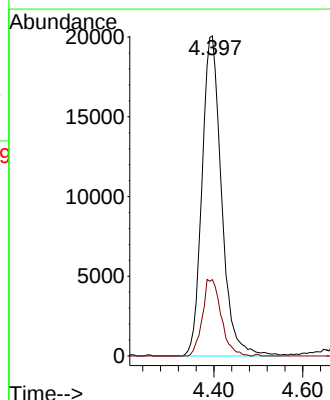
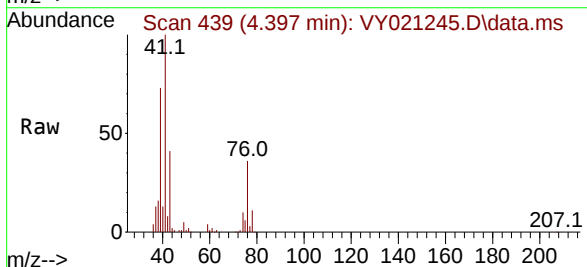
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

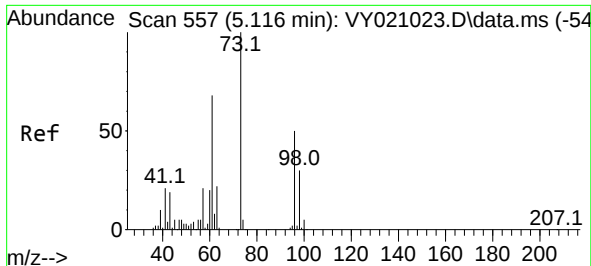
Tgt Ion: 76 Resp: 224522
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 66.203 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 43 Resp: 61425
Ion Ratio Lower Upper
43 100
74 23.0 19.8 29.6

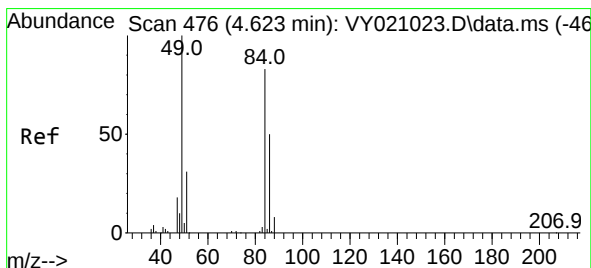
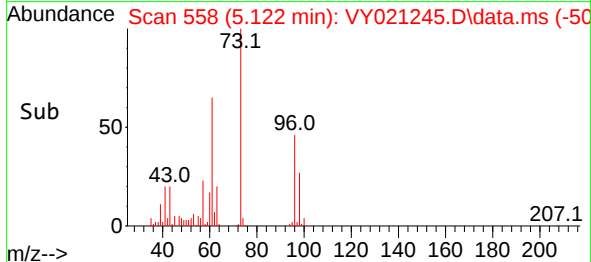
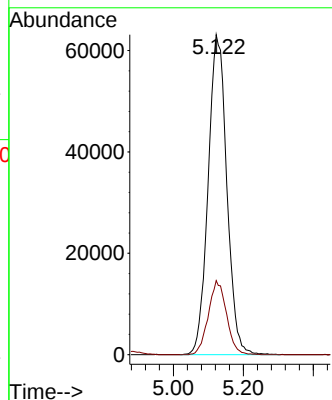
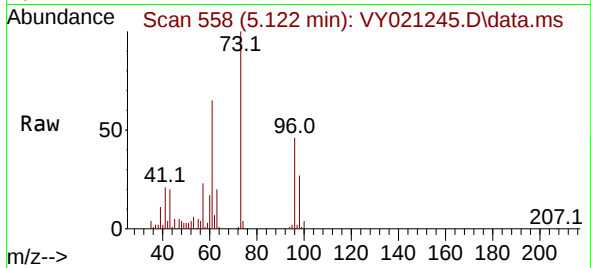




#19
Methyl tert-butyl Ether
Concen: 58.736 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

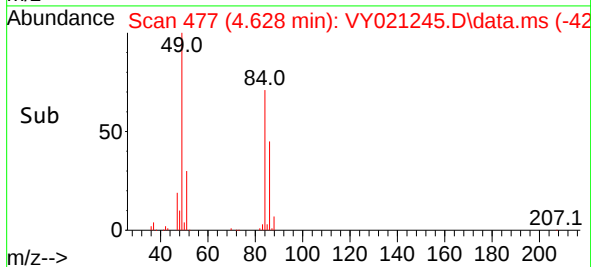
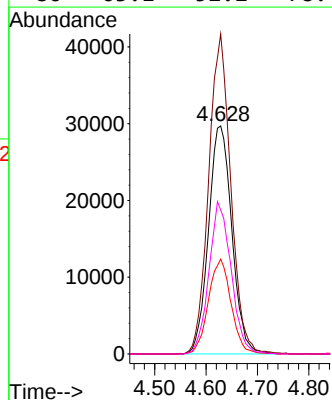
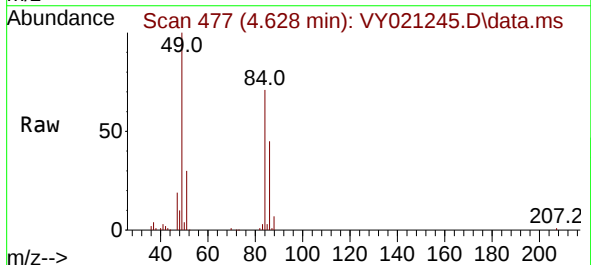
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

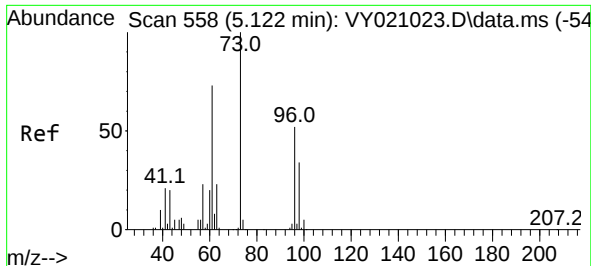
Tgt Ion: 73 Resp: 234150
Ion Ratio Lower Upper
73 100
57 23.1 17.7 26.5



#20
Methylene Chloride
Concen: 57.169 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 84 Resp: 93932
Ion Ratio Lower Upper
84 100
49 140.1 95.2 142.8
51 41.6 29.9 44.9
86 63.1 52.2 78.4

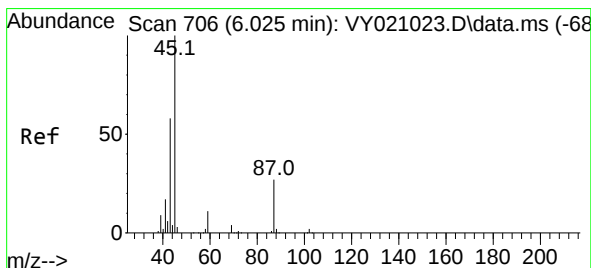
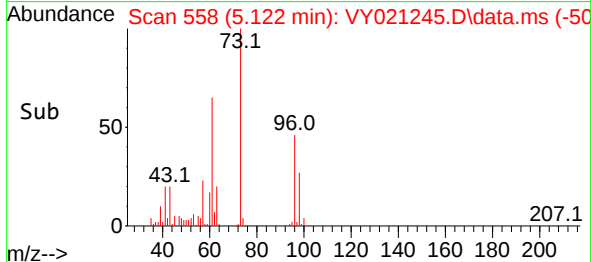
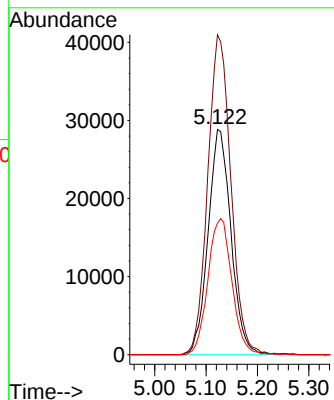
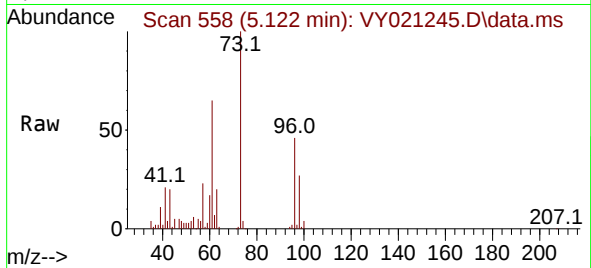




#21
trans-1,2-Dichloroethene
Concen: 51.495 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

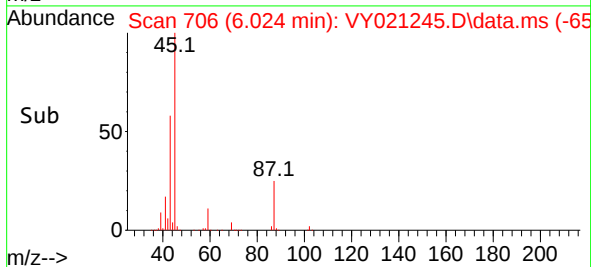
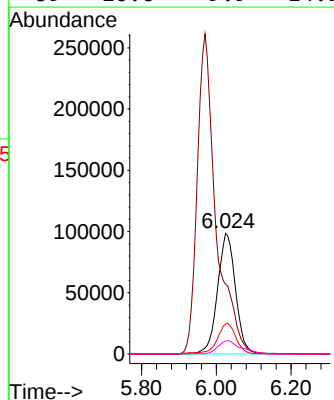
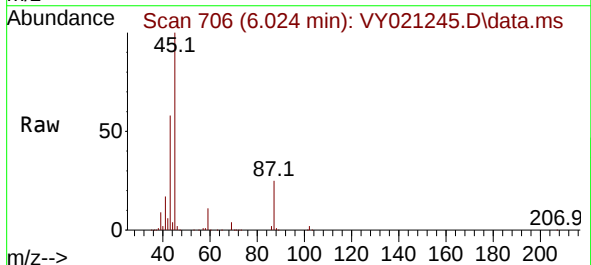
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

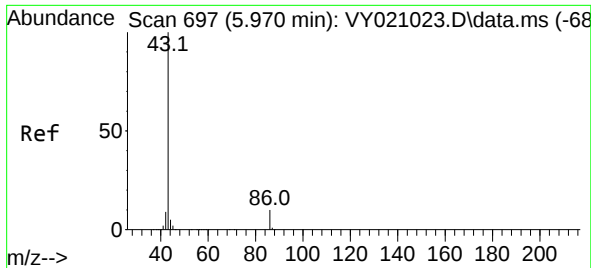
Tgt Ion: 96 Resp: 89402
Ion Ratio Lower Upper
96 100
61 142.0 104.6 156.8
98 58.4 50.9 76.3



#22
Diisopropyl ether
Concen: 60.006 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 45 Resp: 328775
Ion Ratio Lower Upper
45 100
43 57.7 46.8 70.2
87 24.8 22.2 33.2
59 10.6 9.9 14.9

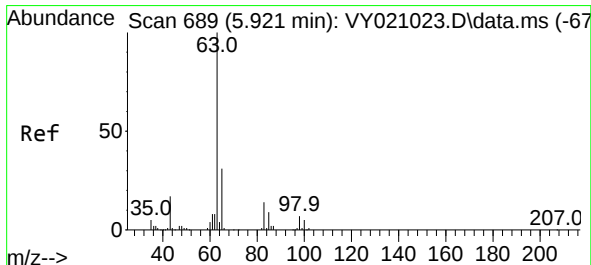
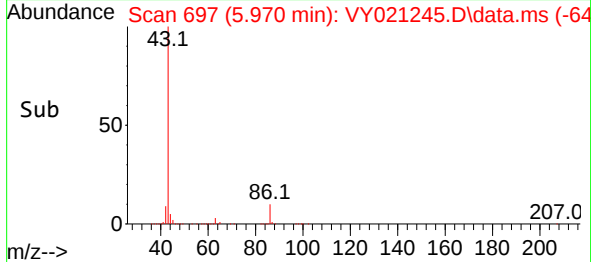
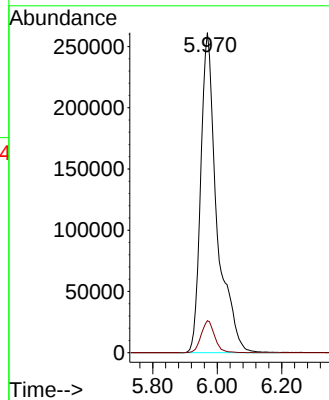
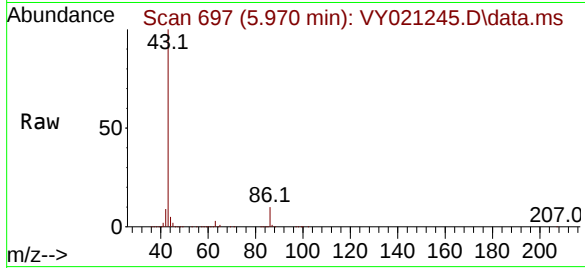




#23
 Vinyl Acetate
 Concen: 298.467 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021245.D
 Acq: 19 Feb 2025 18:32

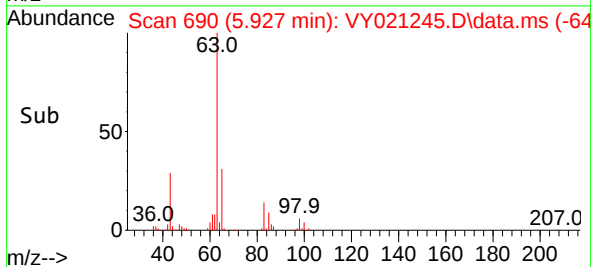
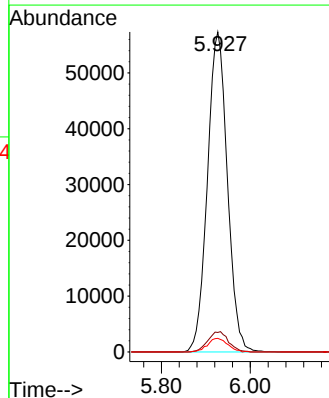
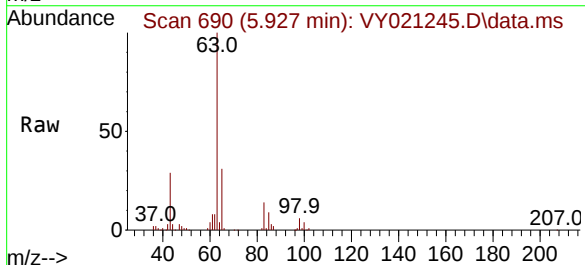
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

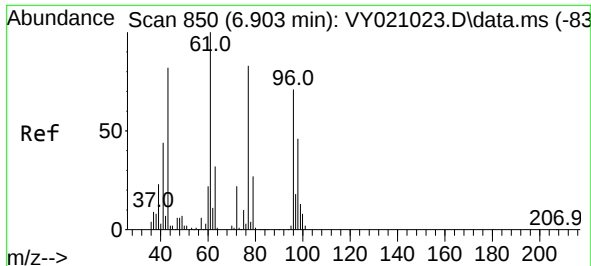
Tgt Ion: 43 Resp: 911621
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 55.736 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021245.D
 Acq: 19 Feb 2025 18:32

Tgt Ion: 63 Resp: 178918
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.4
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 307.203 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

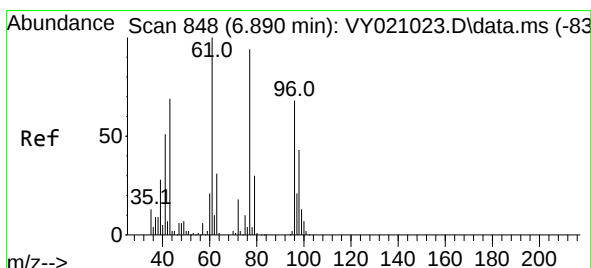
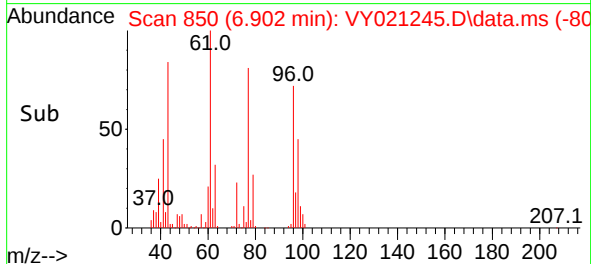
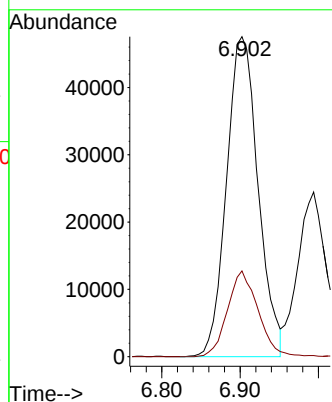
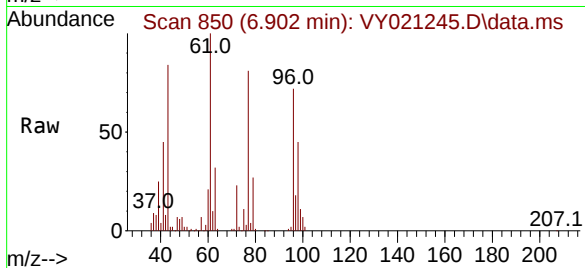
VSTDCCC050EC

Tgt Ion: 43 Resp: 133426

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.680 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021245.D

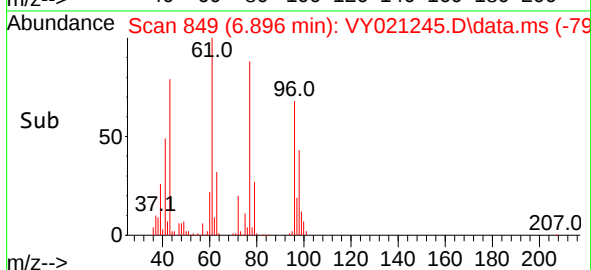
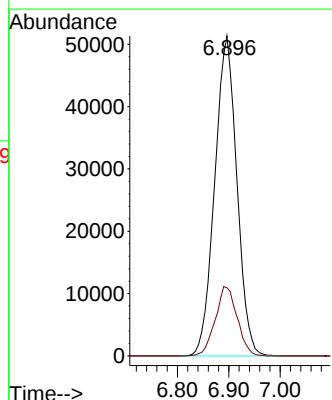
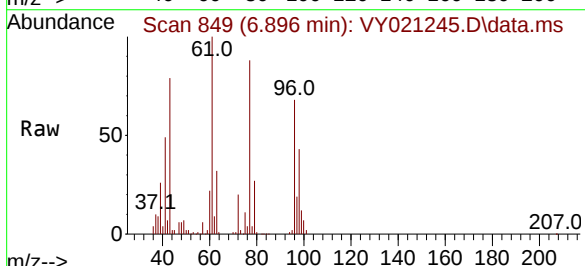
Acq: 19 Feb 2025 18:32

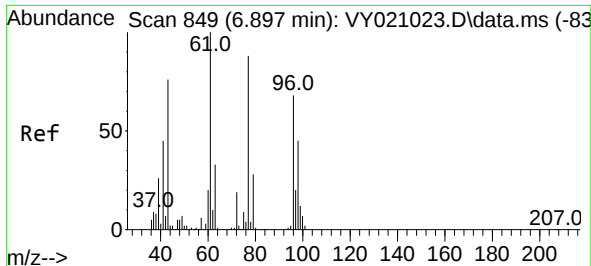
Tgt Ion: 77 Resp: 153504

Ion Ratio Lower Upper

77 100

97 21.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 55.122 ug/l

RT: 6.902 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

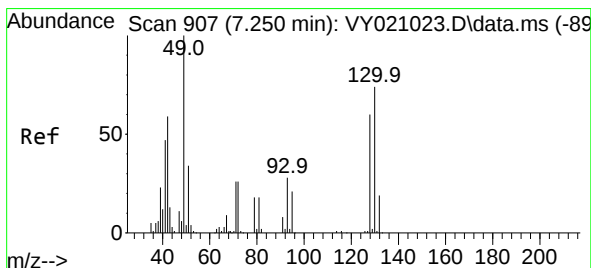
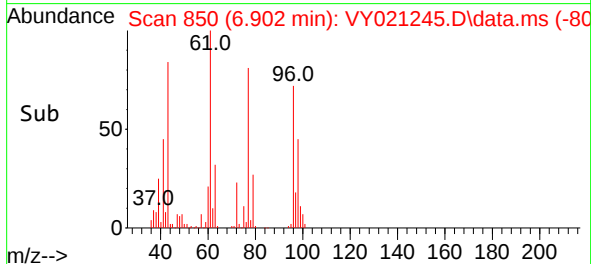
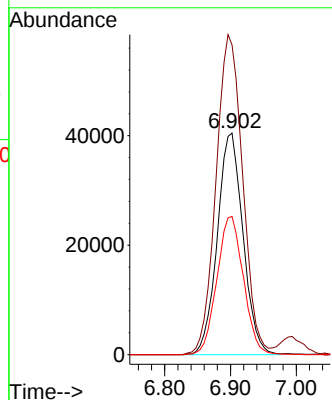
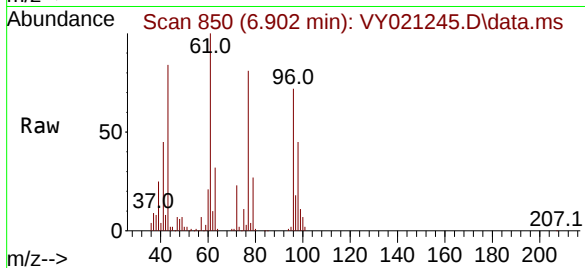
Tgt Ion: 96 Resp: 110153

Ion Ratio Lower Upper

96 100

61 149.4 0.0 278.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 57.089 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

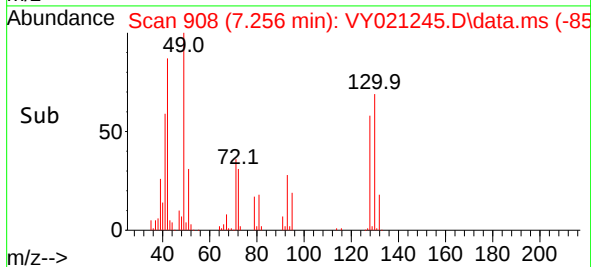
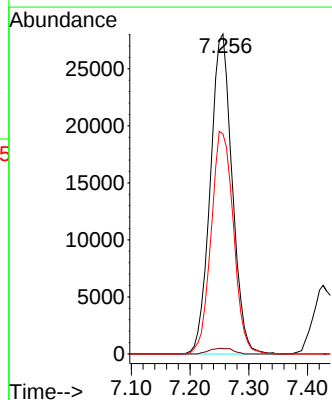
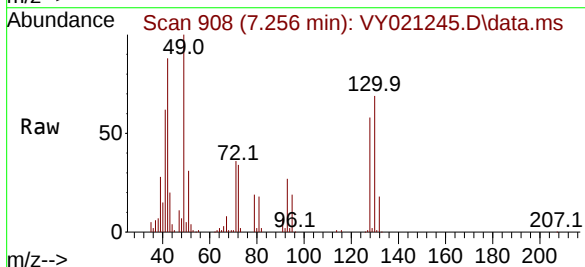
Tgt Ion: 49 Resp: 72467

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 307.460 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

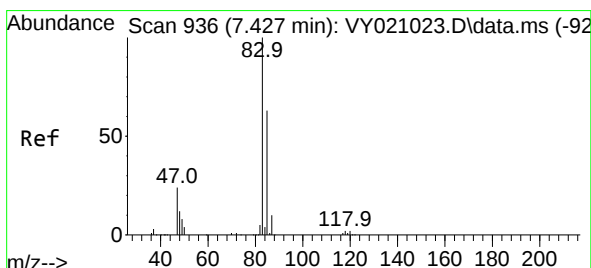
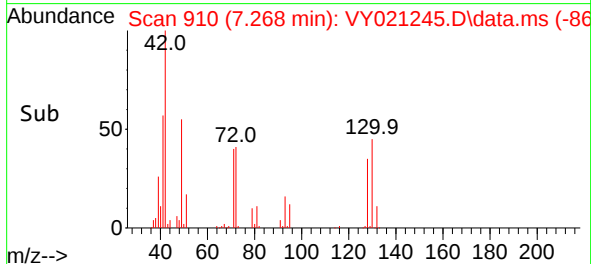
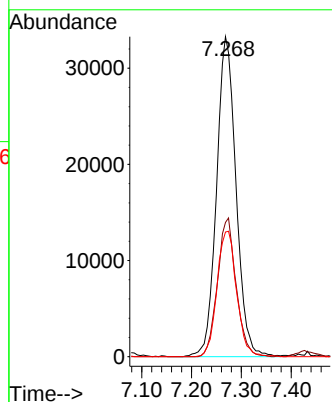
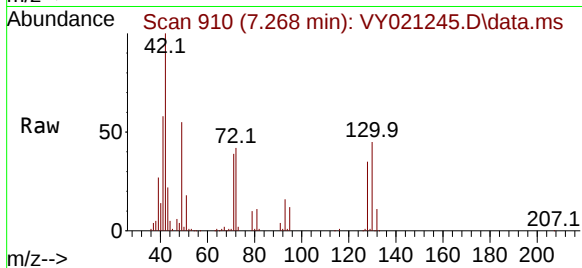
Tgt Ion: 42 Resp: 90360

Ion Ratio Lower Upper

42 100

72 41.5 36.6 54.8

71 39.4 33.8 50.6



#30

Chloroform

Concen: 55.908 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY021245.D

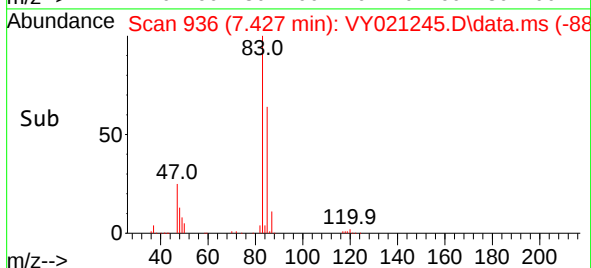
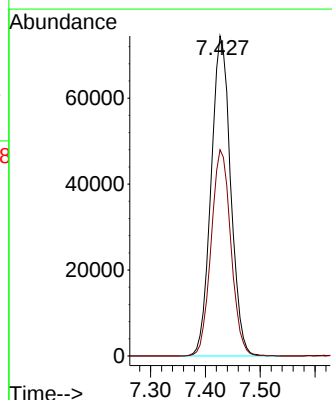
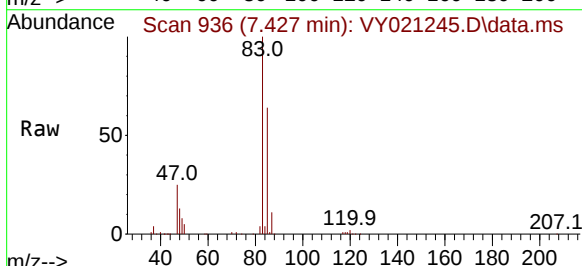
Acq: 19 Feb 2025 18:32

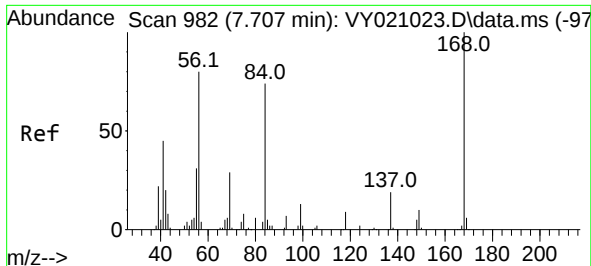
Tgt Ion: 83 Resp: 184343

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

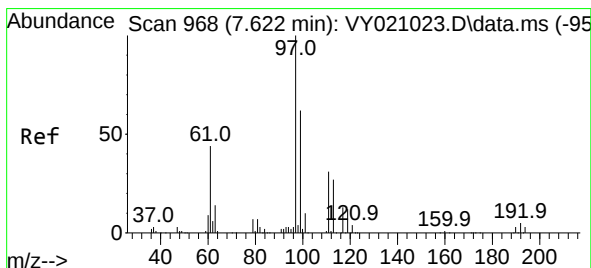
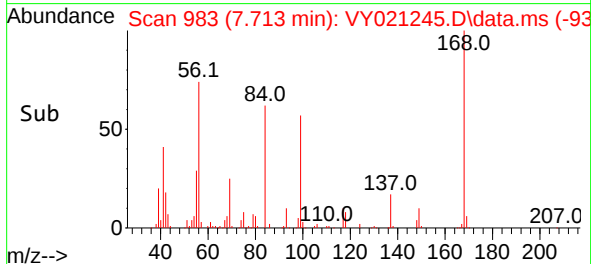
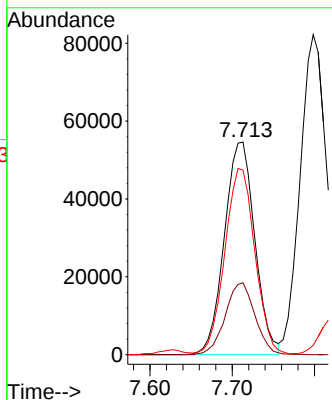
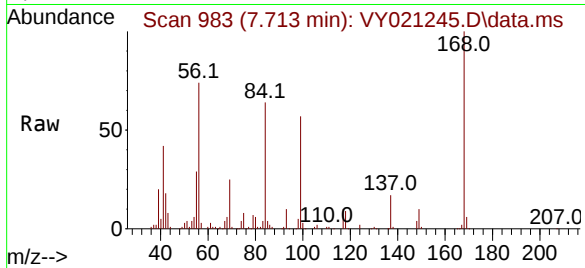




#31
Cyclohexane
Concen: 48.715 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

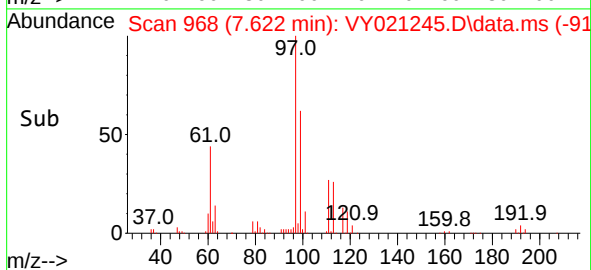
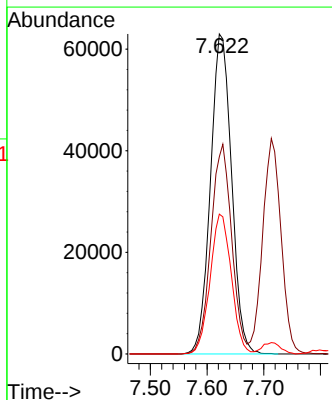
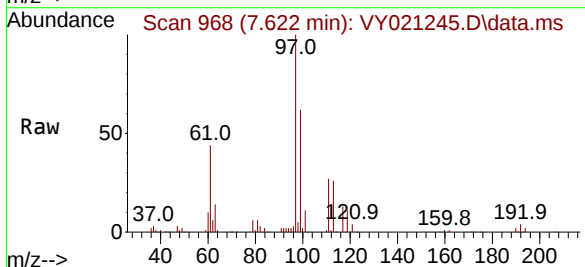
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 140823
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.6
84 84.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 53.040 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 97 Resp: 162598
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 43.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.982 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

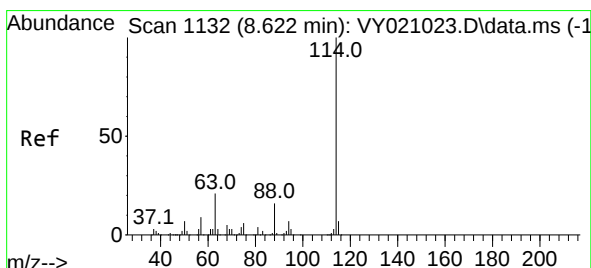
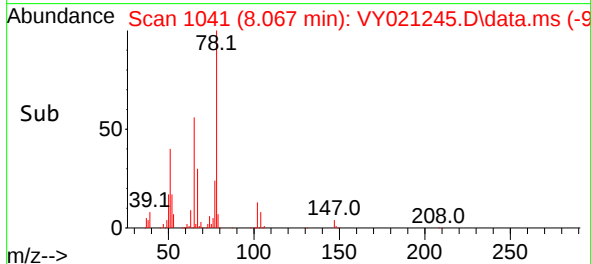
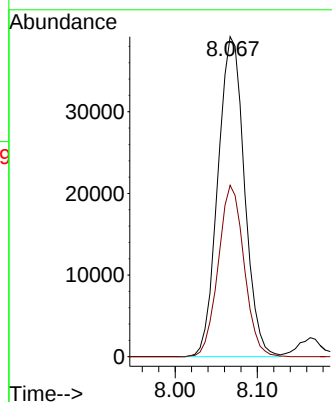
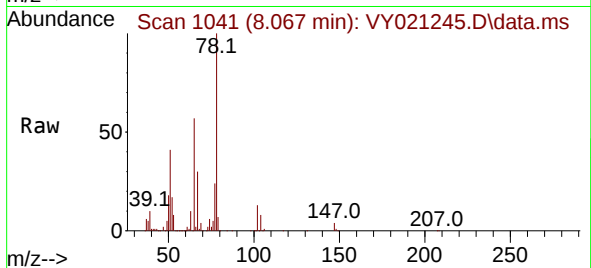
VSTDCCC050EC

Tgt Ion: 65 Resp: 88101

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

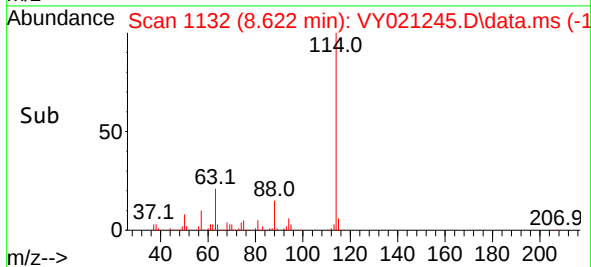
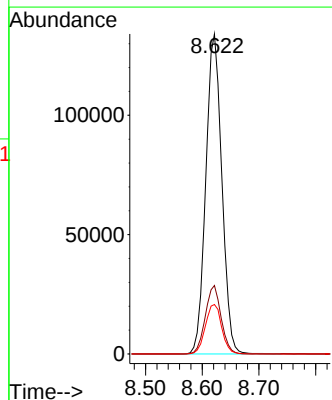
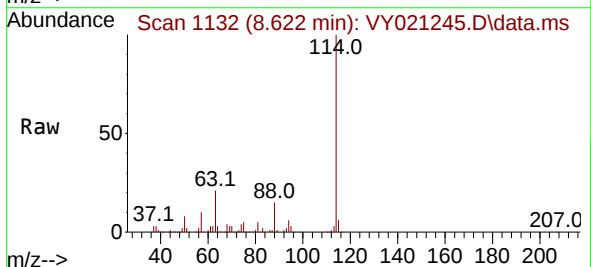
Tgt Ion: 114 Resp: 263329

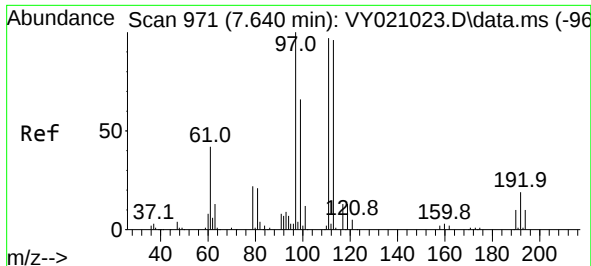
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 15.4 0.0 29.0

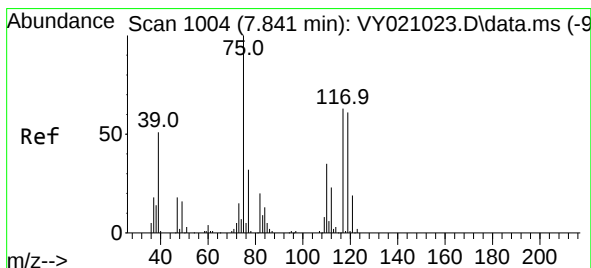
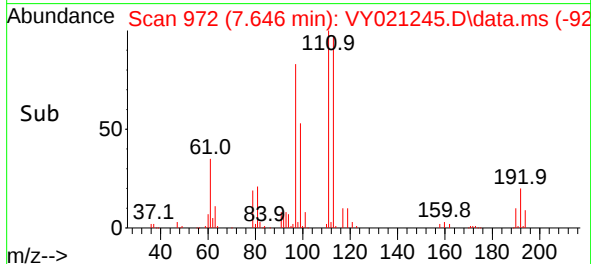
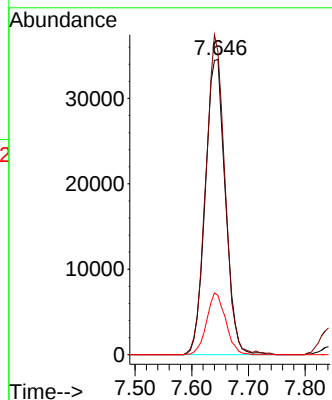
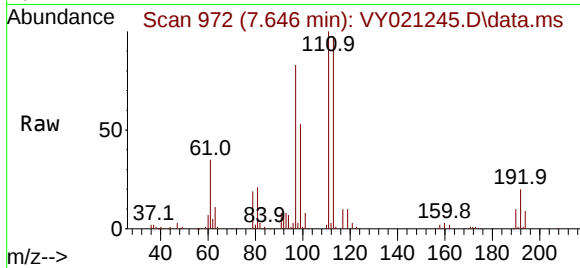




#35
Dibromofluoromethane
Concen: 50.351 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

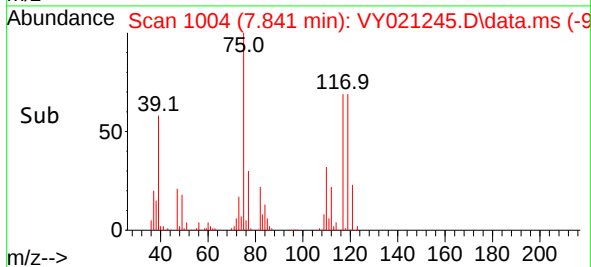
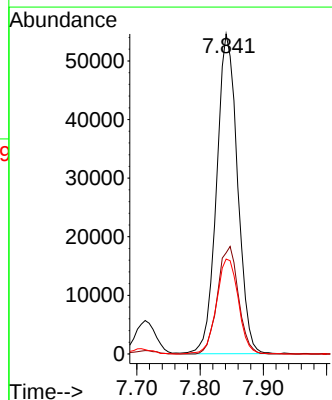
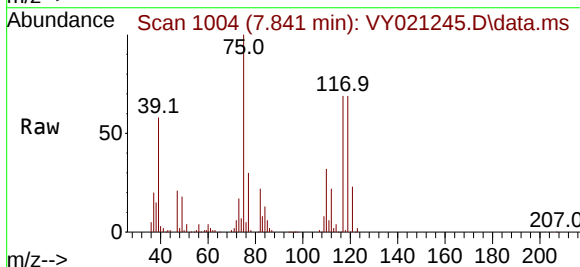
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

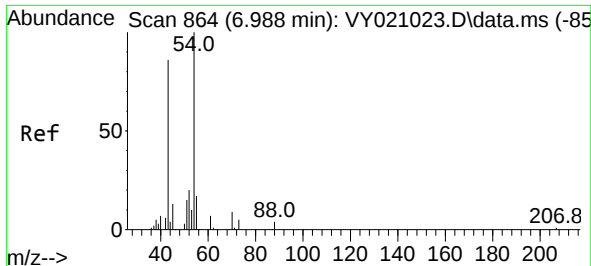
Tgt Ion:113 Resp: 84971
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 19.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 50.046 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 75 Resp: 125097
Ion Ratio Lower Upper
75 100
110 33.7 17.4 52.3
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 59.007 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

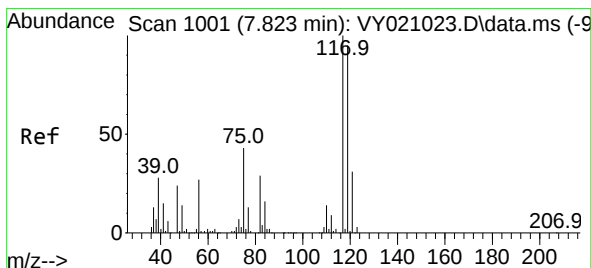
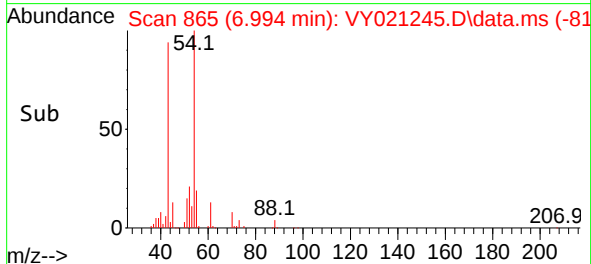
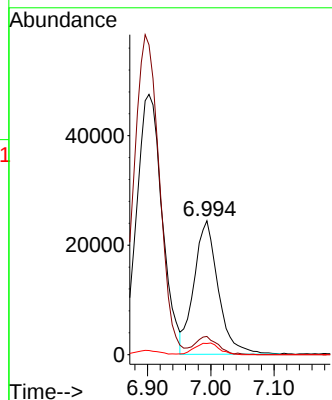
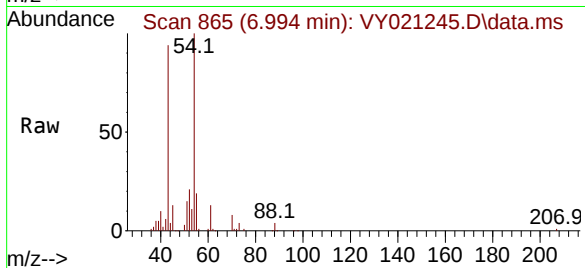
Tgt Ion: 43 Resp: 64705

Ion Ratio Lower Upper

43 100

61 12.8 11.0 16.6

70 8.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 50.141 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

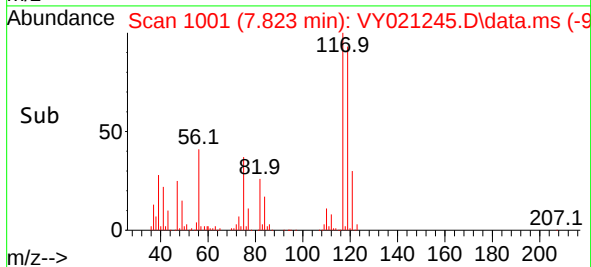
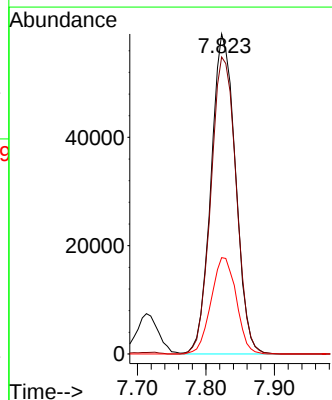
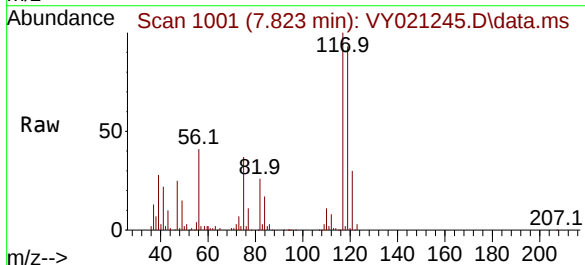
Tgt Ion: 117 Resp: 146445

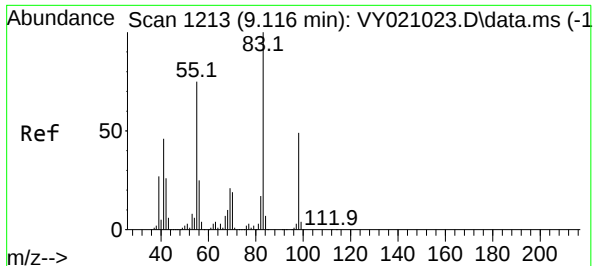
Ion Ratio Lower Upper

117 100

119 92.8 76.0 114.0

121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 49.660 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

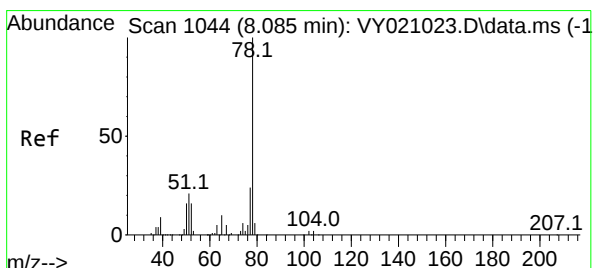
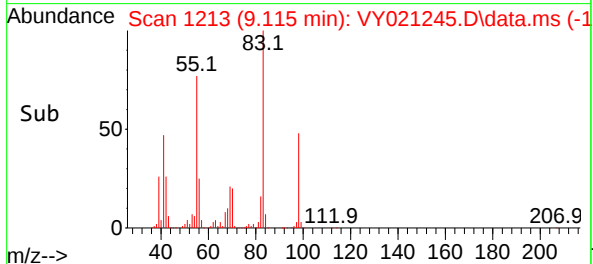
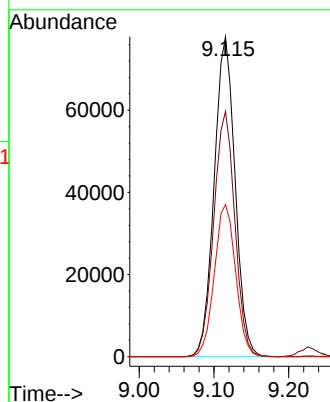
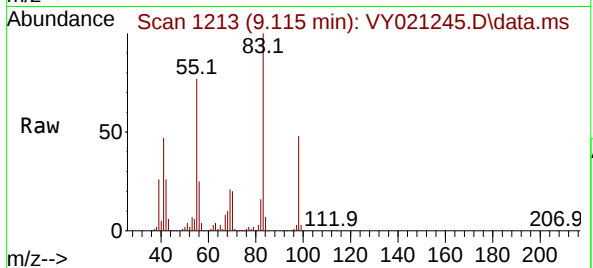
Tgt Ion: 83 Resp: 151836

Ion Ratio Lower Upper

83 100

55 76.7 59.7 89.5

98 47.6 38.0 57.0



#40

Benzene

Concen: 52.834 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021245.D

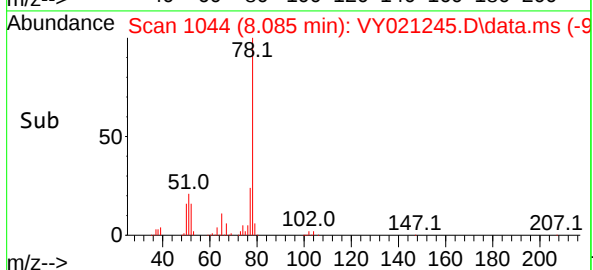
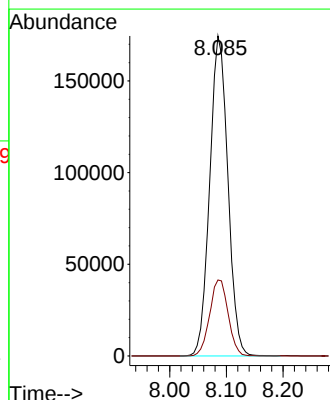
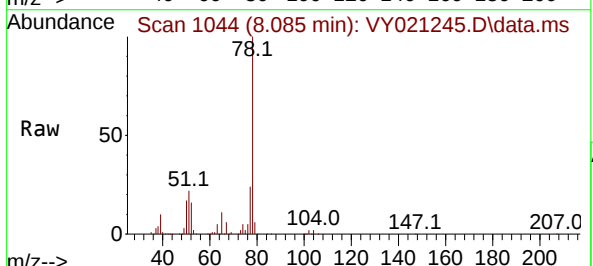
Acq: 19 Feb 2025 18:32

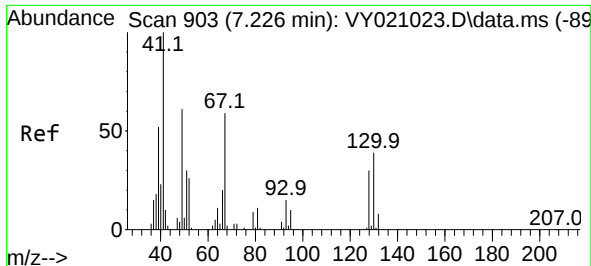
Tgt Ion: 78 Resp: 387558

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

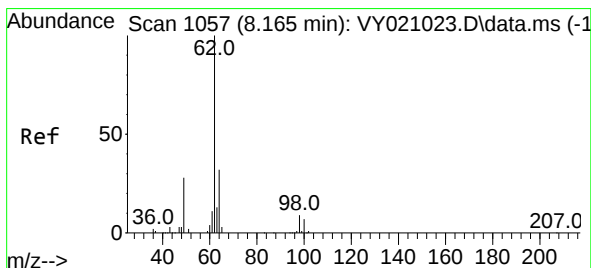
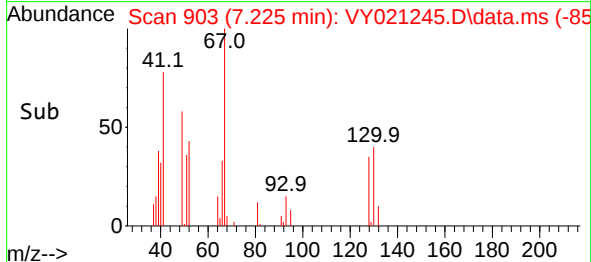
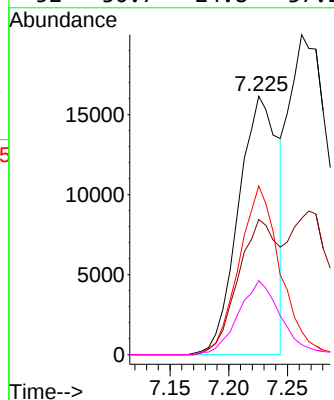
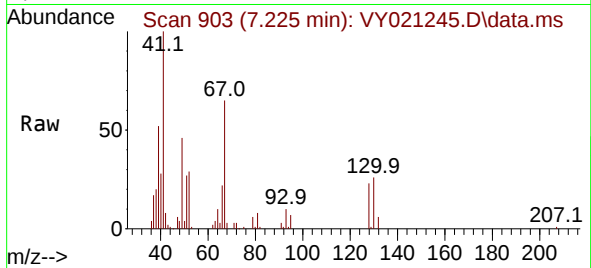




#41
Methacrylonitrile
Concen: 59.955 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

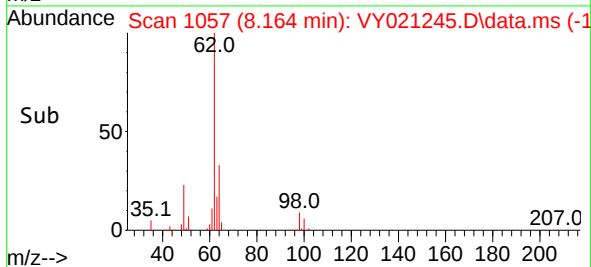
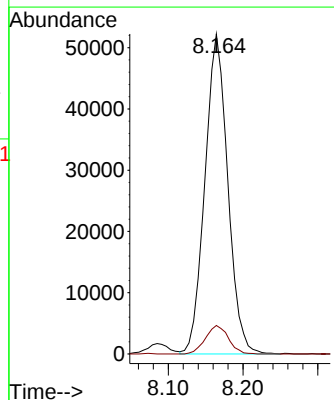
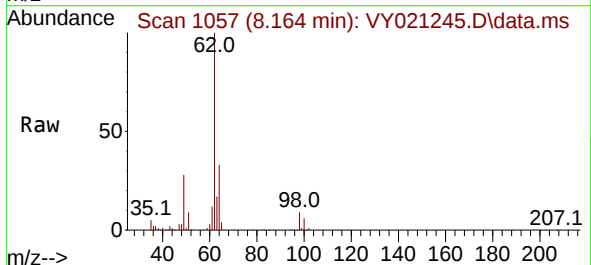
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

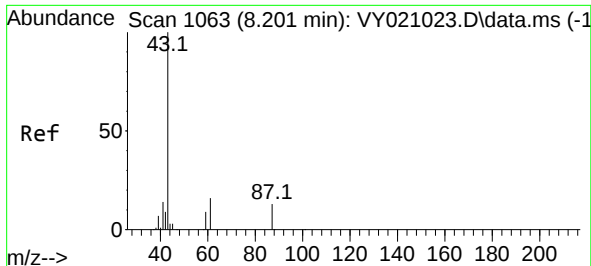
Tgt Ion:	41	Resp:	38035
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.9	62.9
67	68.3	59.8	89.6
52	30.7	24.8	37.2



#42
1,2-Dichloroethane
Concen: 54.630 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion:	62	Resp:	111164
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2

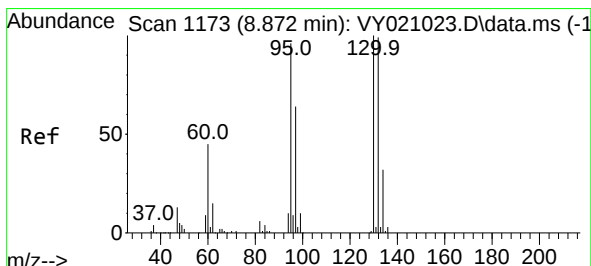
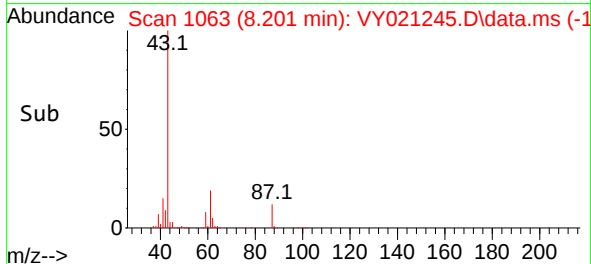
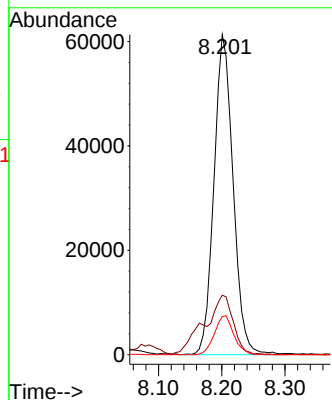
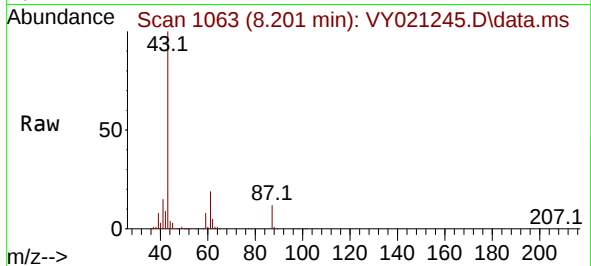




#43
Isopropyl Acetate
Concen: 59.061 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

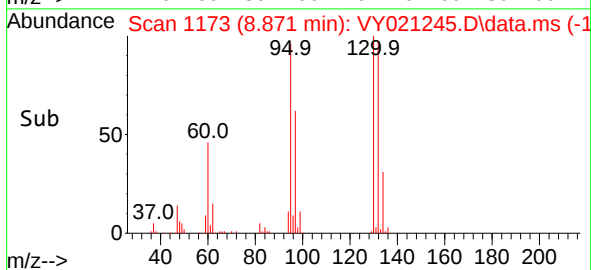
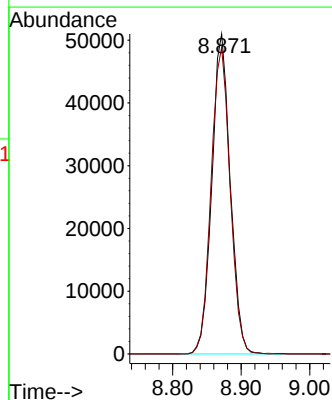
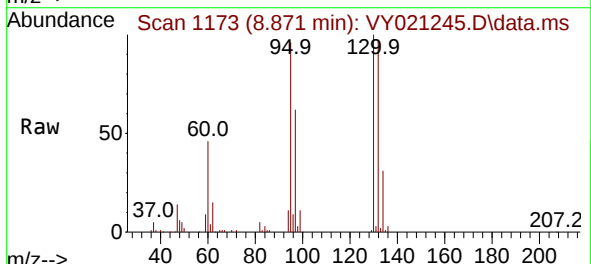
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 128687
Ion Ratio Lower Upper
43 100
61 28.2 24.8 37.2
87 12.3 10.7 16.1



#44
Trichloroethene
Concen: 50.349 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion:130 Resp: 95421
Ion Ratio Lower Upper
130 100
95 95.9 0.0 203.8





#45

1,2-Dichloropropane

Concen: 55.433 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

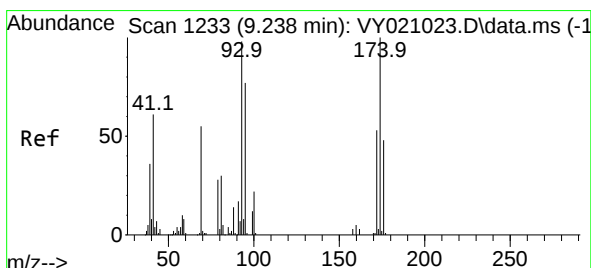
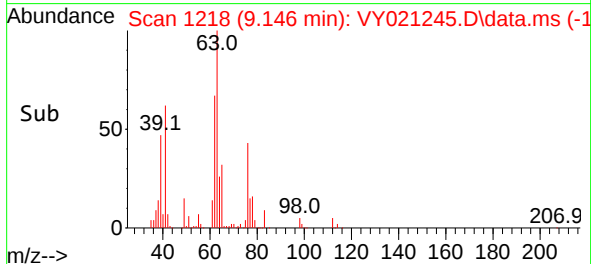
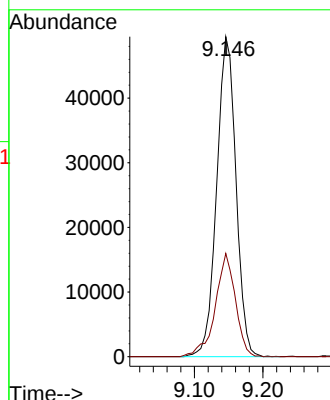
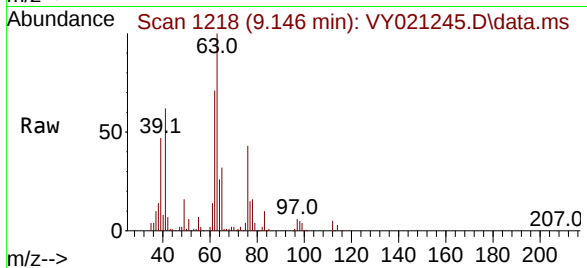
VSTDCCC050EC

Tgt Ion: 63 Resp: 96514

Ion Ratio Lower Upper

63 100

65 32.2 24.6 36.8



#46

Dibromomethane

Concen: 54.018 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

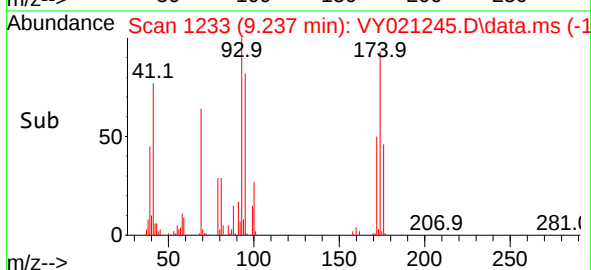
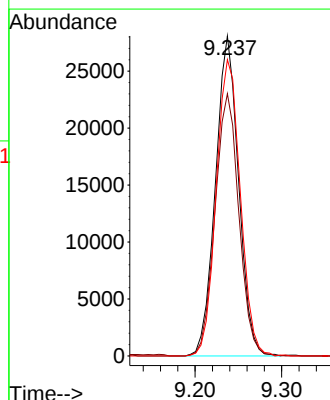
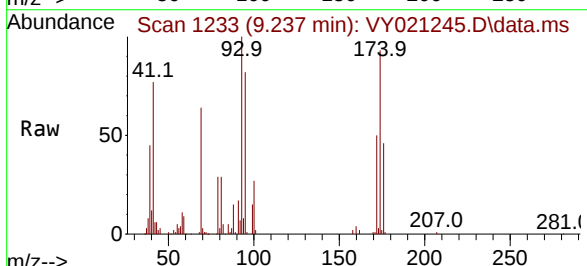
Tgt Ion: 93 Resp: 52073

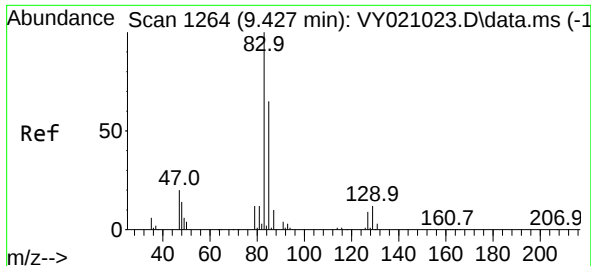
Ion Ratio Lower Upper

93 100

95 84.4 66.6 99.8

174 96.5 73.8 110.6

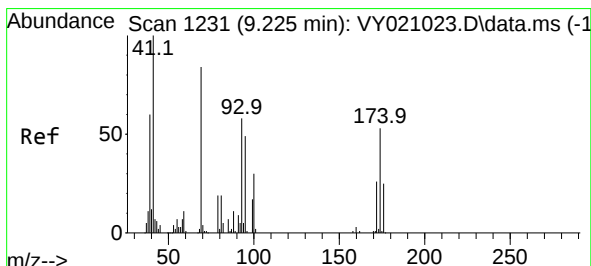
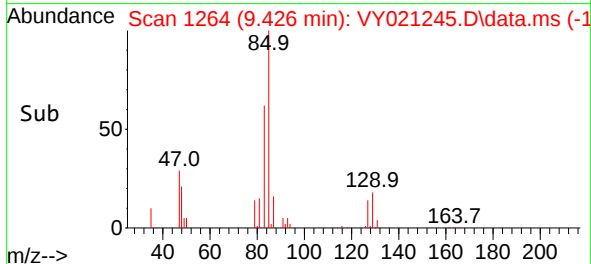
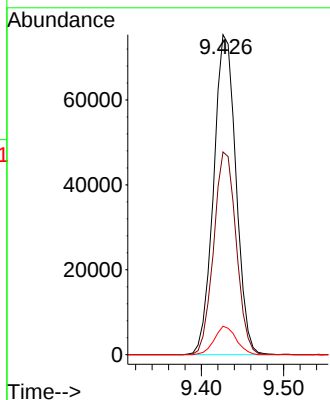
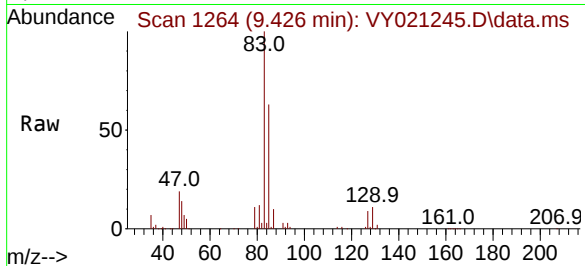




#47
Bromodichloromethane
Concen: 55.072 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

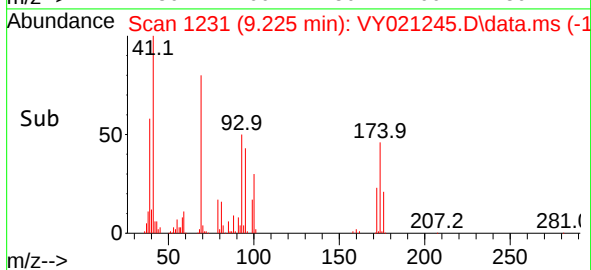
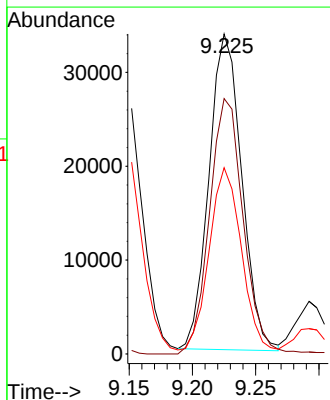
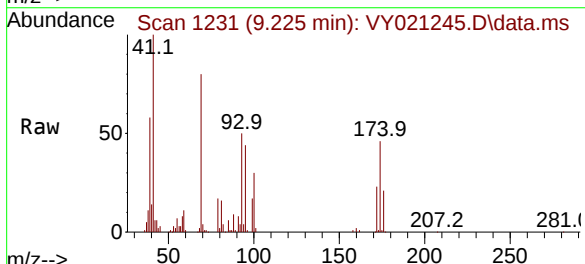
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 142381
Ion Ratio Lower Upper
83 100
85 63.3 53.2 79.8
127 8.9 6.4 9.6



#48
Methyl methacrylate
Concen: 60.916 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 41 Resp: 60459
Ion Ratio Lower Upper
41 100
69 84.0 72.1 108.1
39 56.6 42.8 64.2





#49

1,4-Dioxane

Concen: 1192.209 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

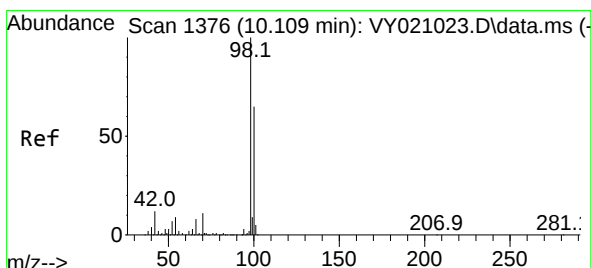
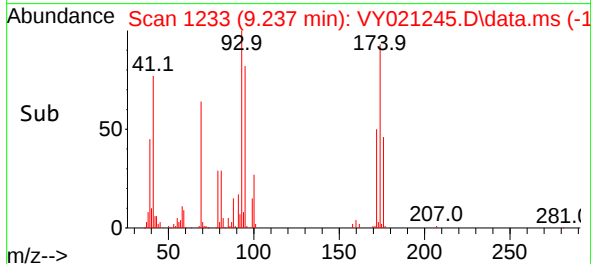
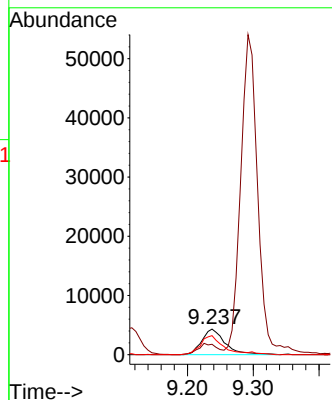
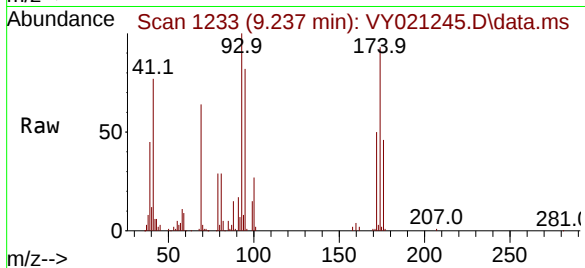
Tgt Ion: 88 Resp: 10699

Ion Ratio Lower Upper

88 100

43 36.8 28.2 42.4

58 75.6 52.2 78.2



#50

Toluene-d8

Concen: 48.967 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021245.D

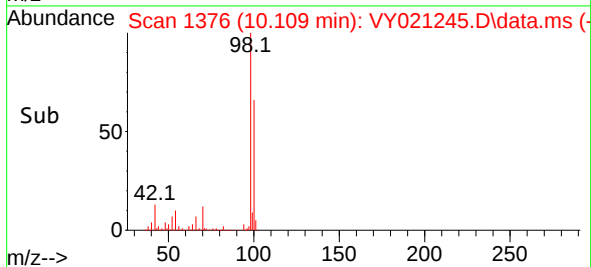
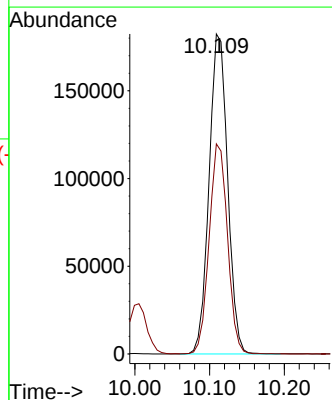
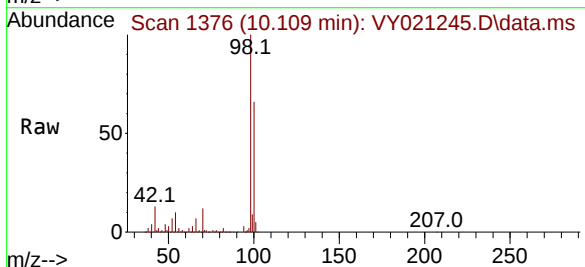
Acq: 19 Feb 2025 18:32

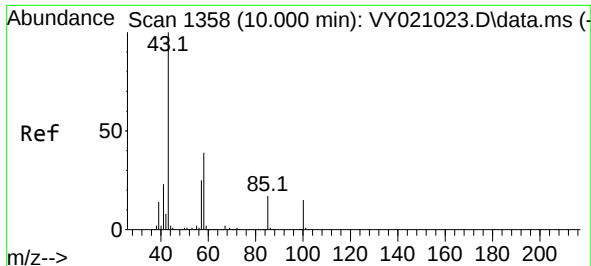
Tgt Ion: 98 Resp: 314603

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

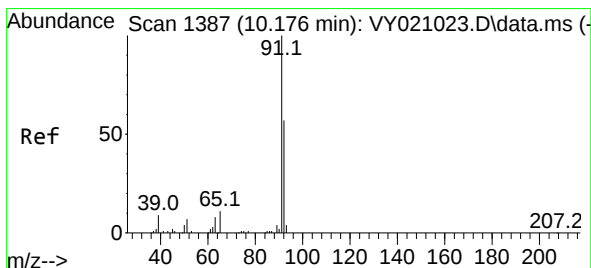
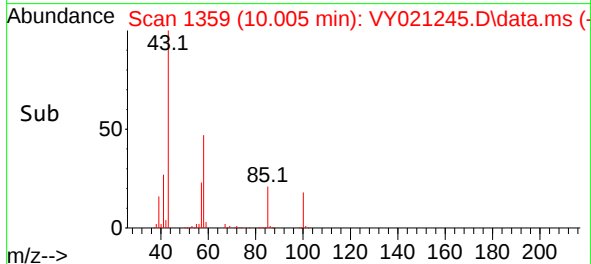
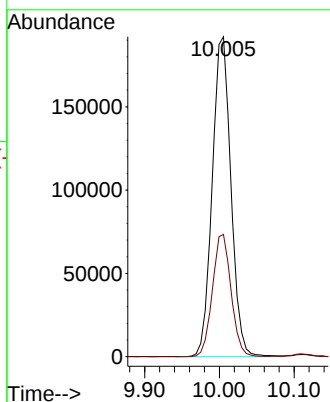
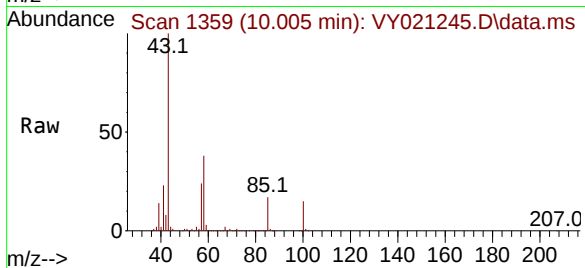




#51
4-Methyl-2-Pentanone
Concen: 305.302 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

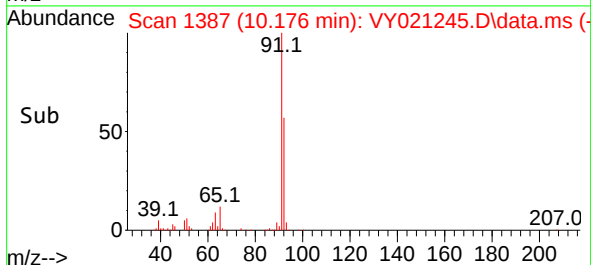
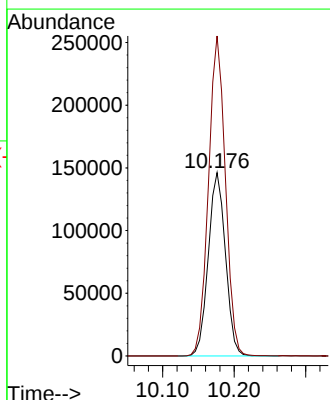
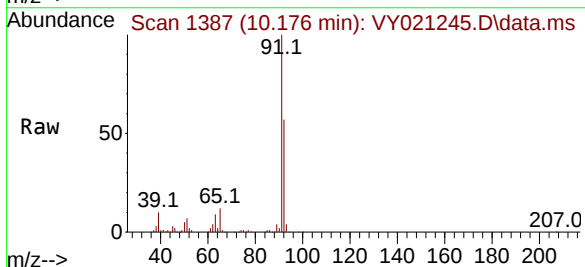
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

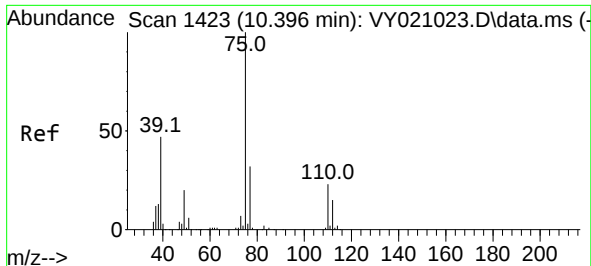
Tgt Ion: 43 Resp: 334517
Ion Ratio Lower Upper
43 100
58 38.2 32.2 48.2



#52
Toluene
Concen: 52.845 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 92 Resp: 243403
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4

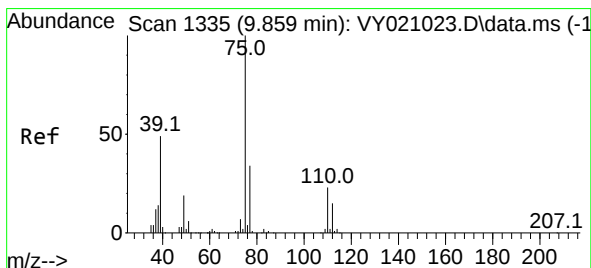
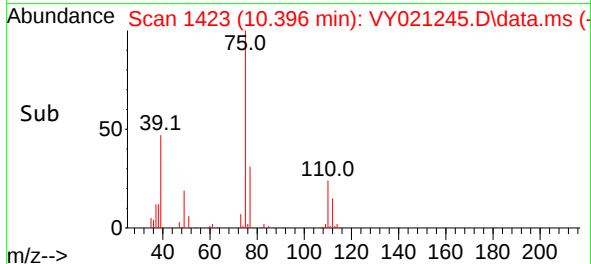
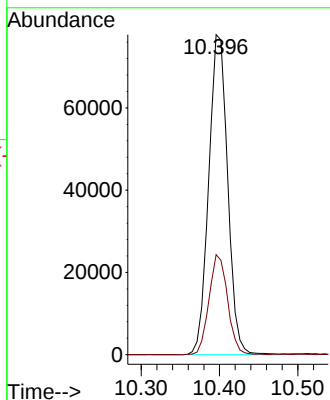
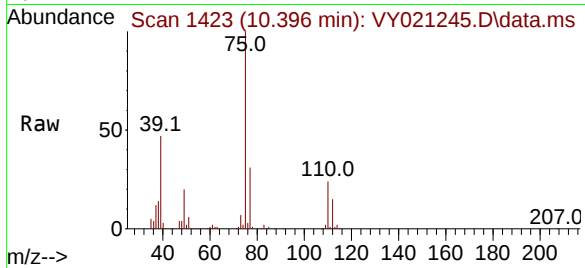




#53
 t-1,3-Dichloropropene
 Concen: 56.333 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY021245.D
 Acq: 19 Feb 2025 18:32

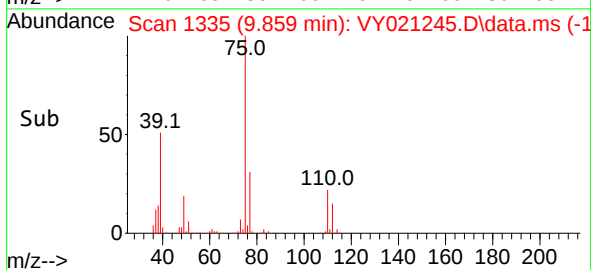
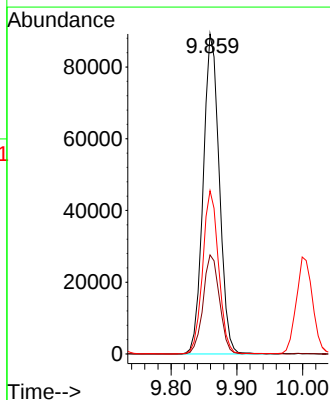
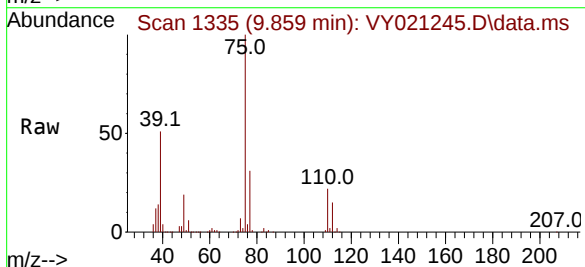
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

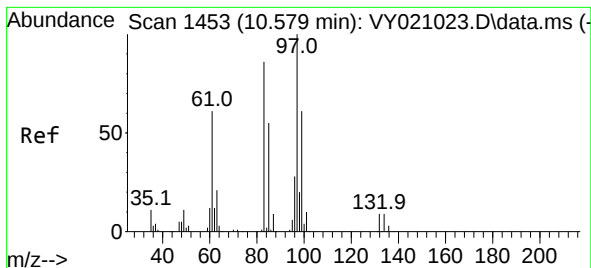
Tgt Ion: 75 Resp: 130776
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 55.321 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY021245.D
 Acq: 19 Feb 2025 18:32

Tgt Ion: 75 Resp: 152060
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 50.9 33.6 50.4#





#55

1,1,2-Trichloroethane

Concen: 55.990 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 69894

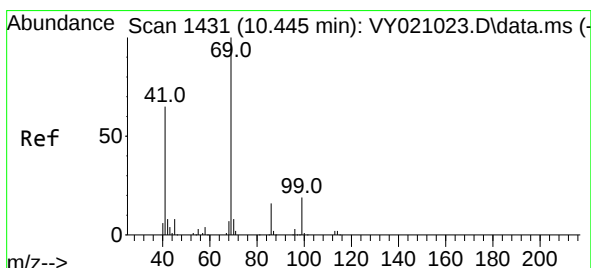
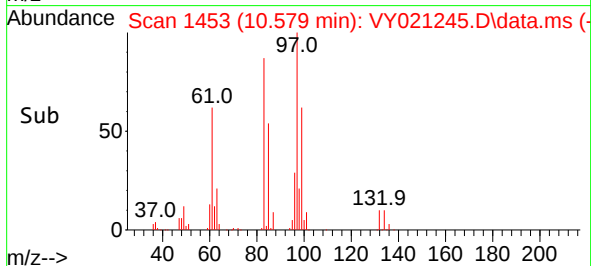
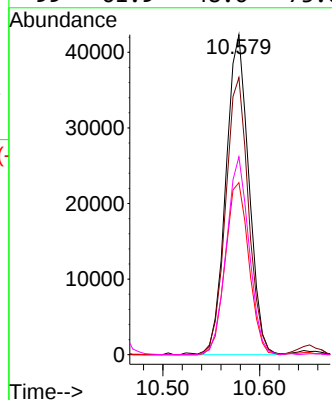
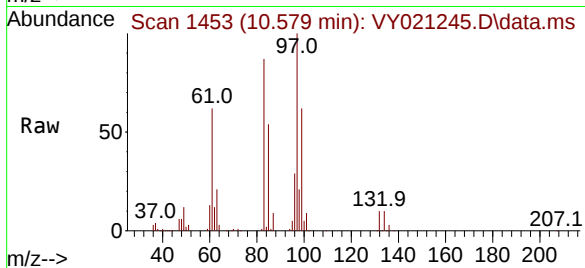
Ion Ratio Lower Upper

97 100

83 86.6 69.4 104.2

85 53.8 43.9 65.9

99 61.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 60.418 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

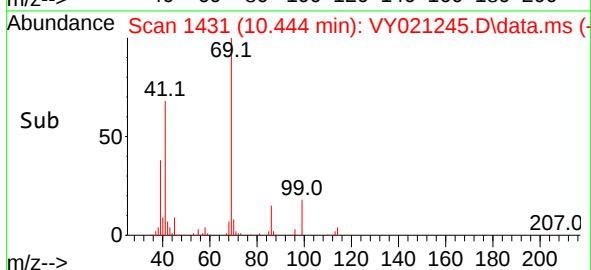
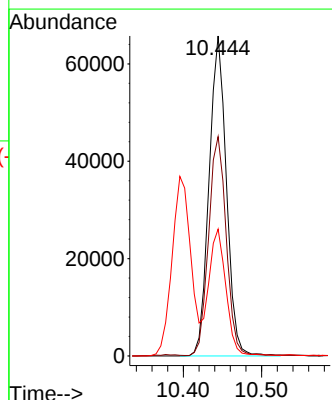
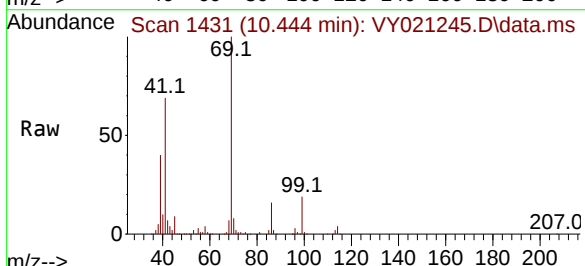
Tgt Ion: 69 Resp: 100897

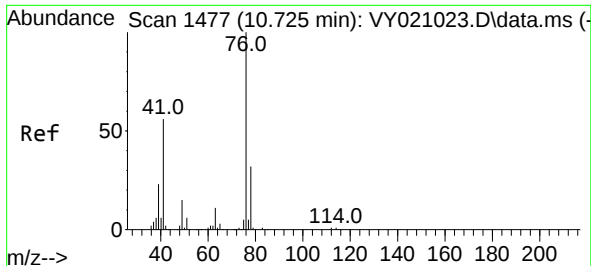
Ion Ratio Lower Upper

69 100

41 70.9 49.2 73.8

39 39.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 56.213 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

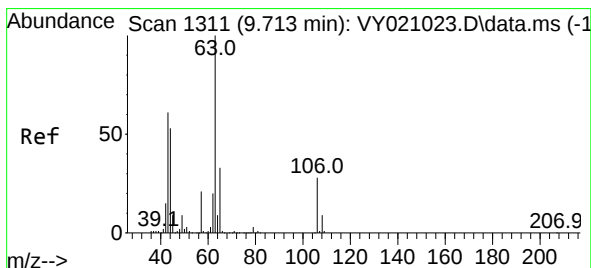
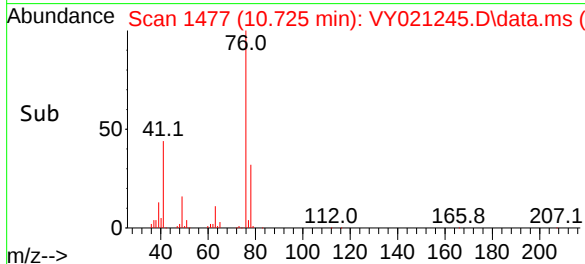
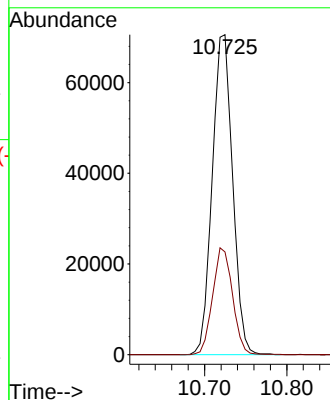
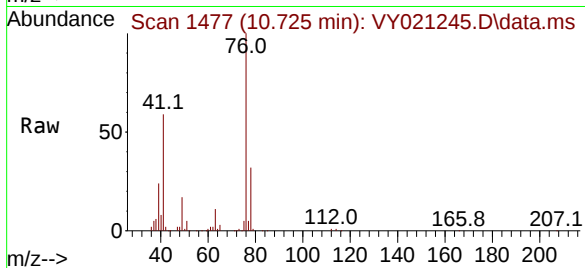
VSTDCCC050EC

Tgt Ion: 76 Resp: 121459

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 292.814 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021245.D

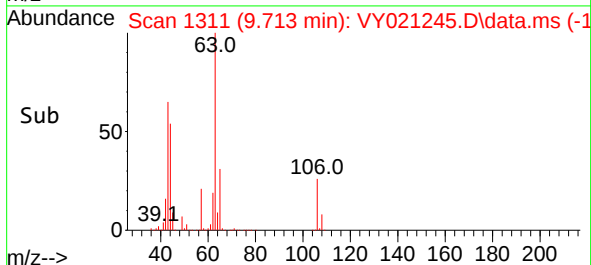
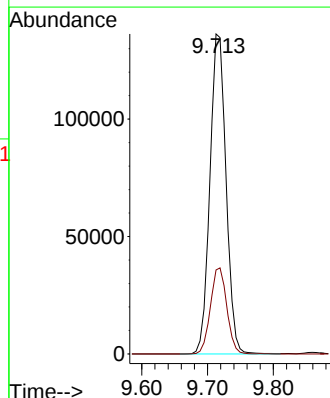
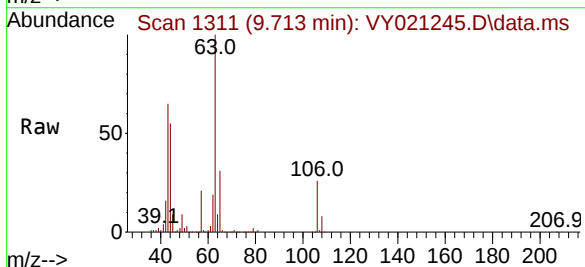
Acq: 19 Feb 2025 18:32

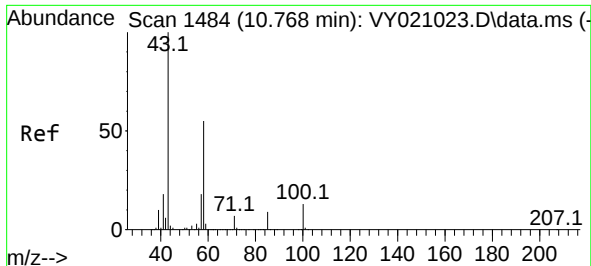
Tgt Ion: 63 Resp: 232635

Ion Ratio Lower Upper

63 100

106 27.2 22.4 33.6

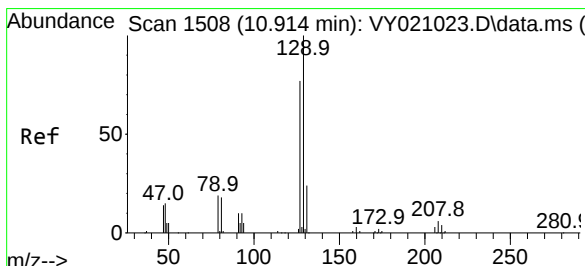
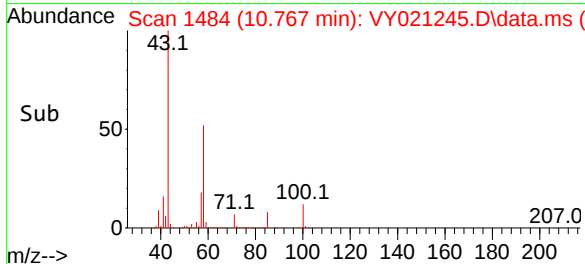
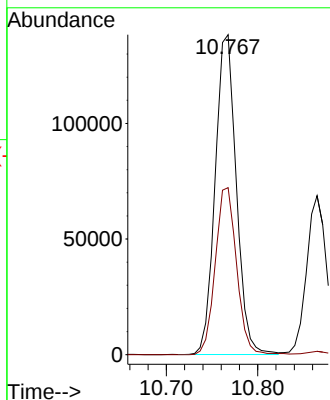
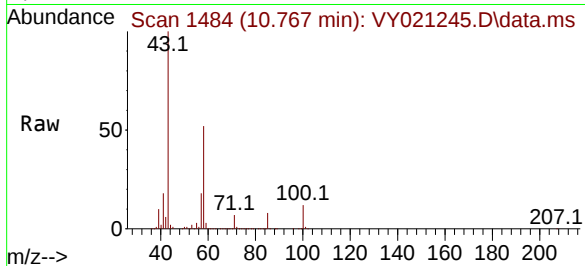




#59
2-Hexanone
Concen: 315.458 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

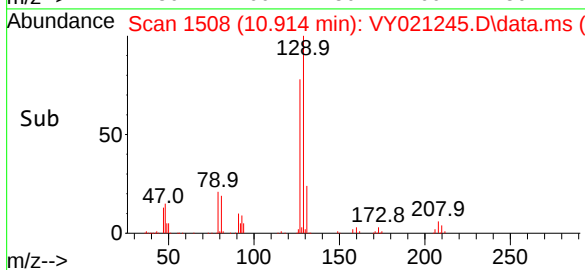
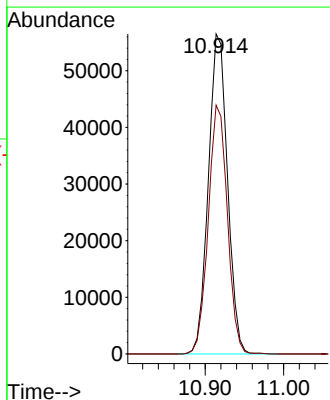
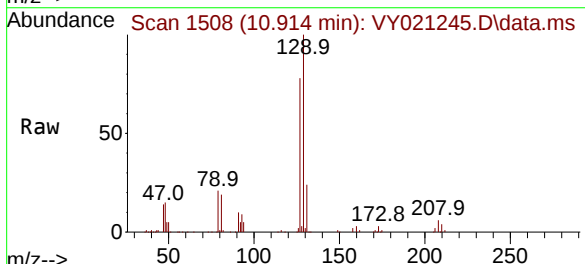
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

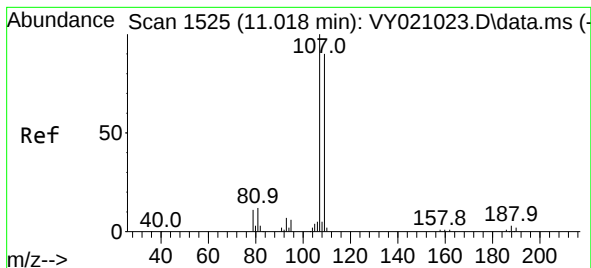
Tgt Ion: 43 Resp: 222547
Ion Ratio Lower Upper
43 100
58 52.7 28.1 84.3



#60
Dibromochloromethane
Concen: 54.651 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 129 Resp: 95808
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

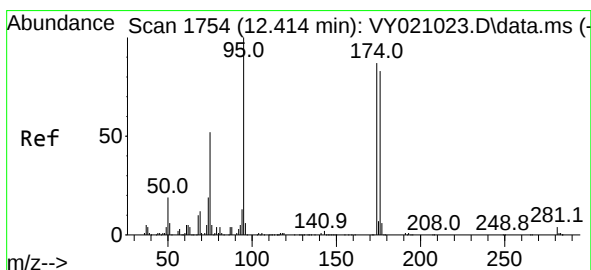
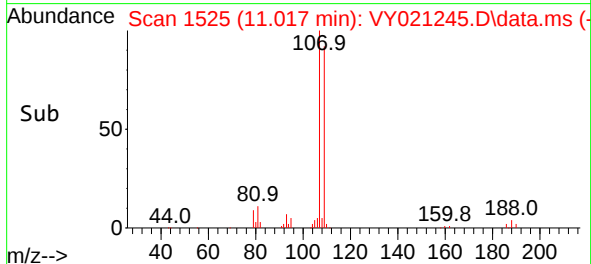
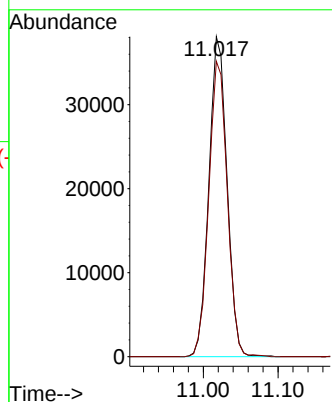
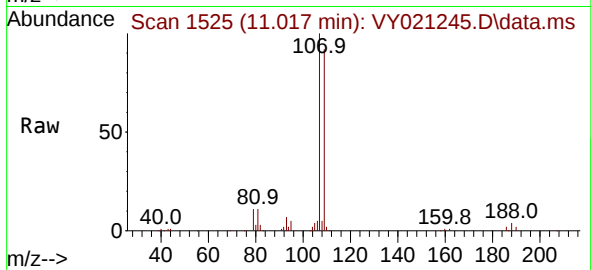




#61
1,2-Dibromoethane
Concen: 54.863 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

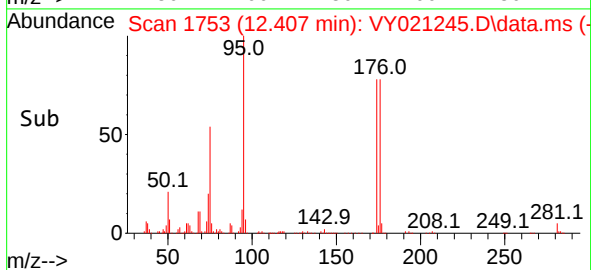
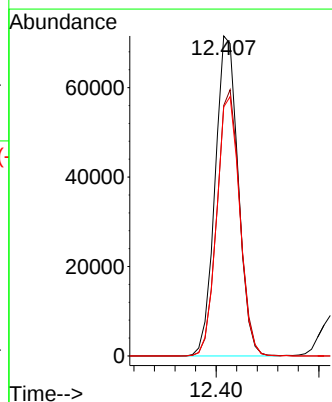
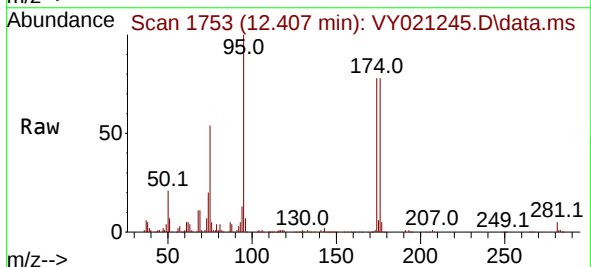
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

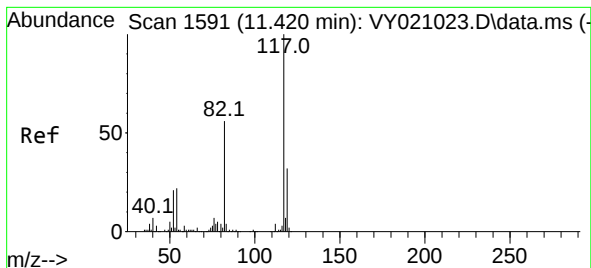
Tgt Ion:107 Resp: 64150
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.035 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 95 Resp: 111317
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.0
176 80.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

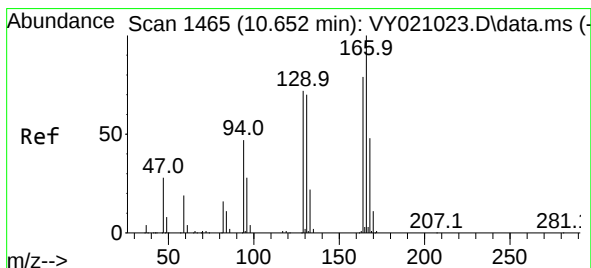
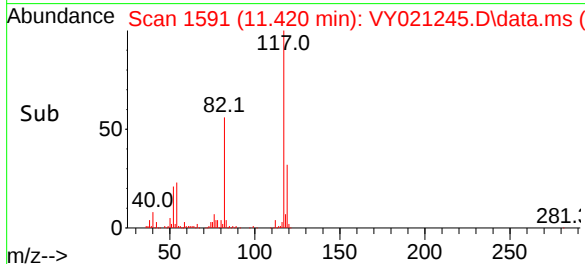
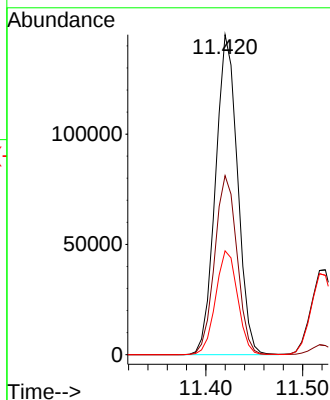
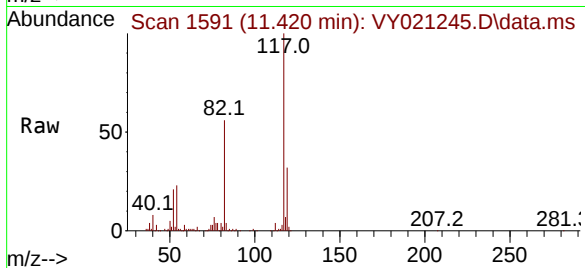
Tgt Ion:117 Resp: 229757

Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 32.5 26.5 39.7



#64

Tetrachloroethene

Concen: 48.585 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Tgt Ion:164 Resp: 82866

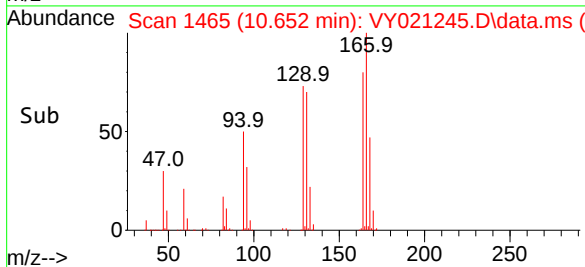
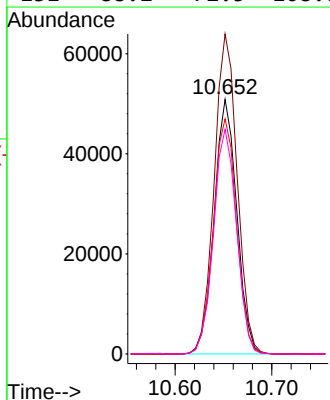
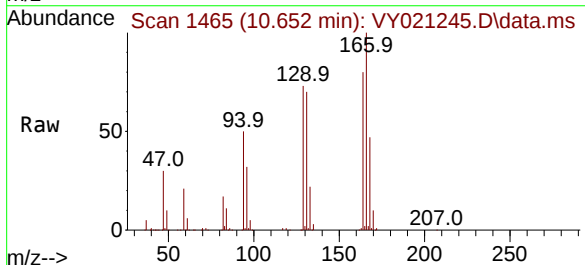
Ion Ratio Lower Upper

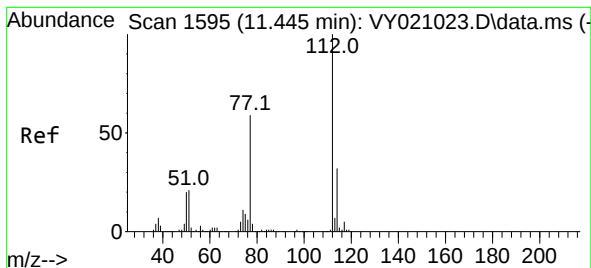
164 100

166 125.7 98.8 148.2

129 92.3 78.9 118.3

131 88.2 72.5 108.7





#65

Chlorobenzene

Concen: 52.099 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

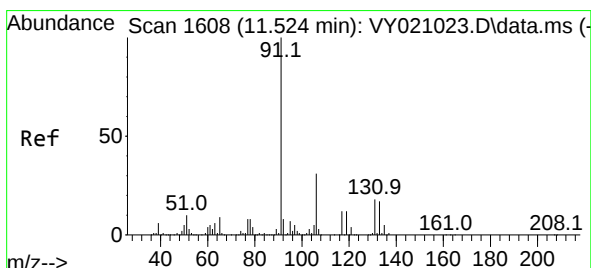
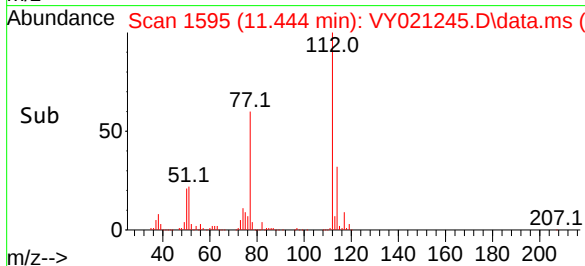
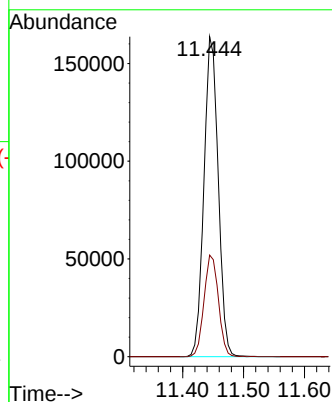
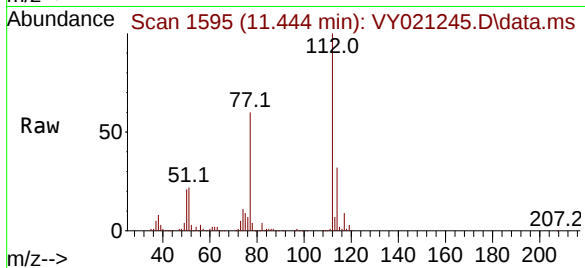
VSTDCCC050EC

Tgt Ion:112 Resp: 266534

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.372 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

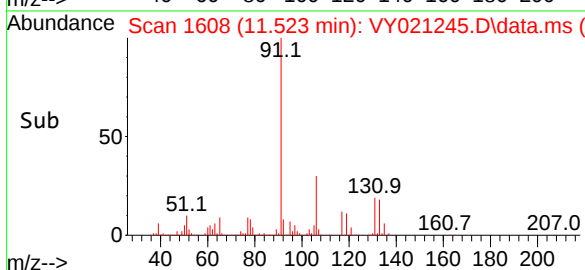
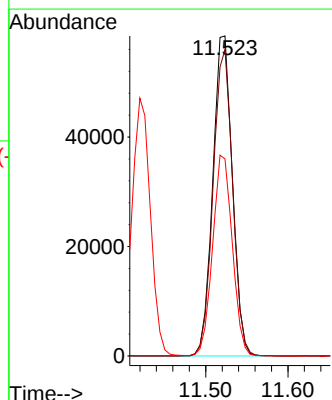
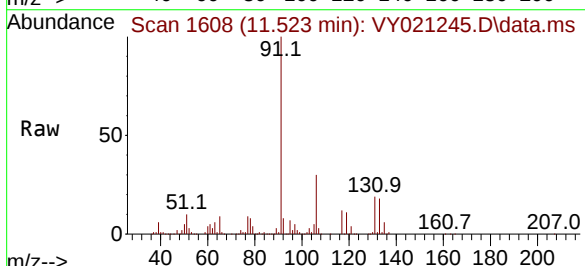
Tgt Ion:131 Resp: 97033

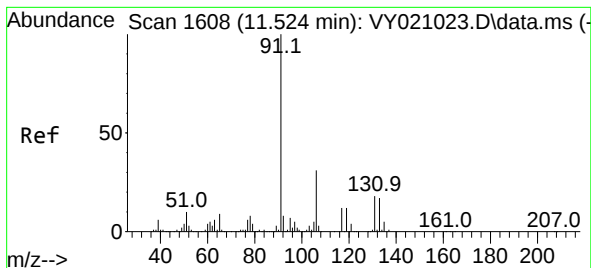
Ion Ratio Lower Upper

131 100

133 95.1 47.0 141.0

119 63.1 33.3 99.9

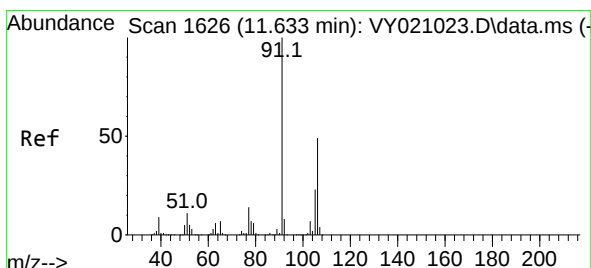
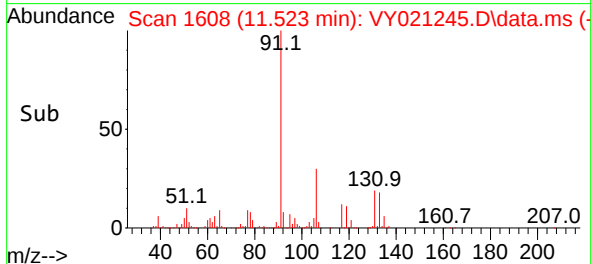
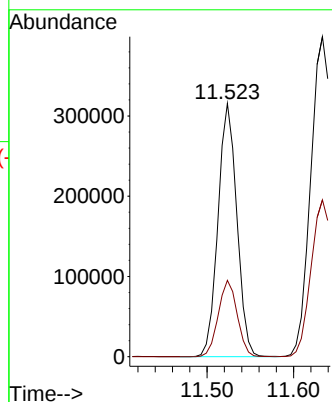
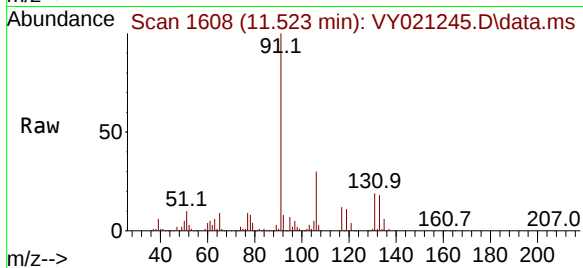




#67
Ethyl Benzene
Concen: 52.665 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

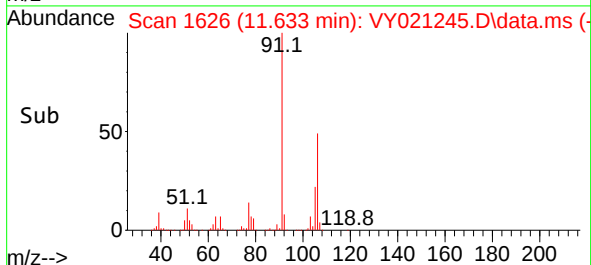
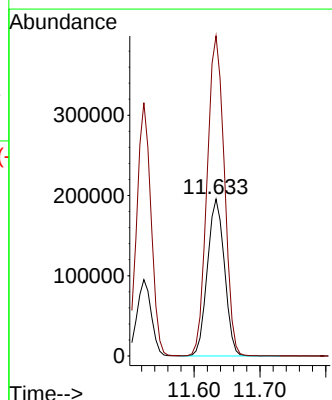
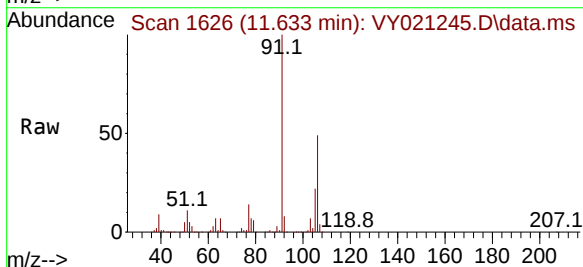
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

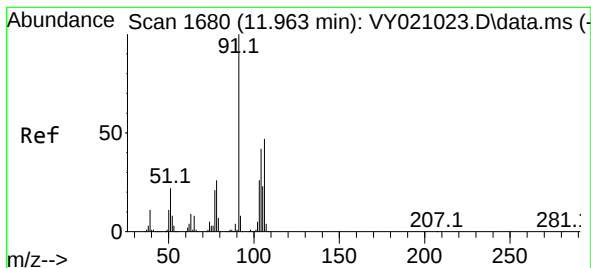
Tgt Ion: 91 Resp: 476554
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4



#68
m/p-Xylenes
Concen: 104.209 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion:106 Resp: 352761
Ion Ratio Lower Upper
106 100
91 206.4 160.7 241.1

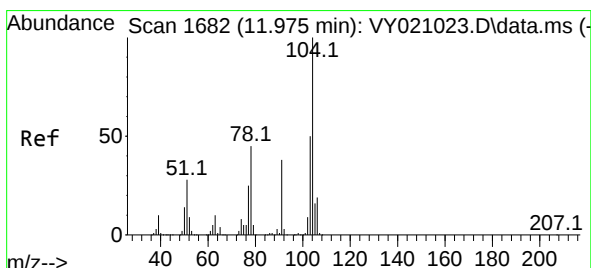
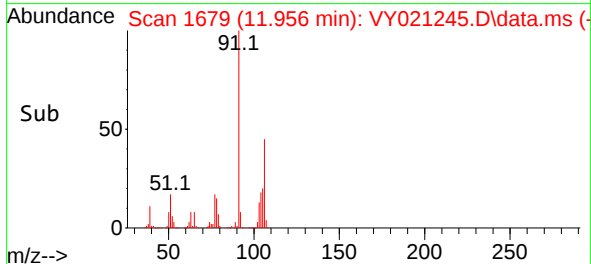
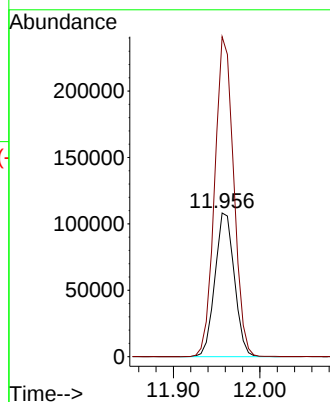
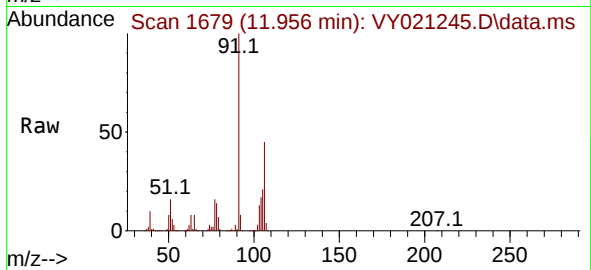




#69
o-Xylene
Concen: 53.429 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

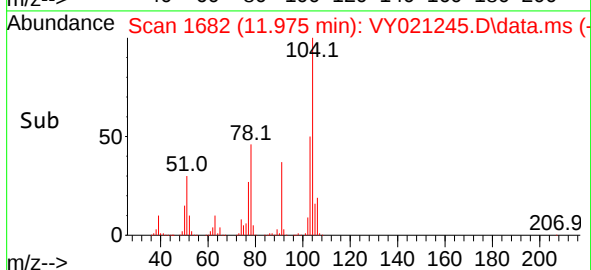
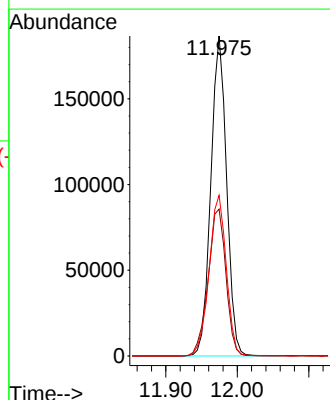
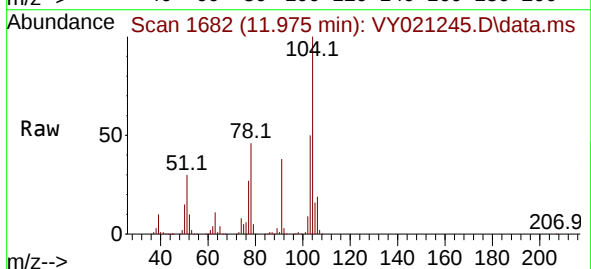
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 168625
Ion Ratio Lower Upper
106 100
91 218.2 106.5 319.5



#70
Styrene
Concen: 54.365 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion:104 Resp: 285969
Ion Ratio Lower Upper
104 100
78 51.9 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 54.936 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

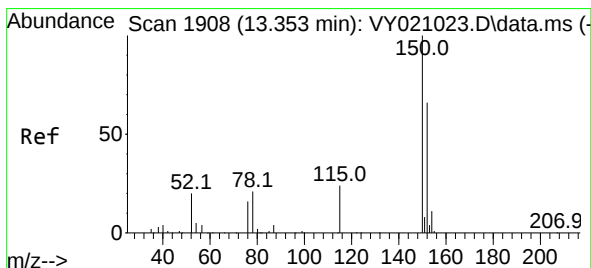
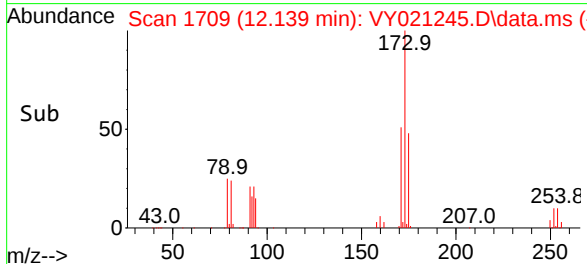
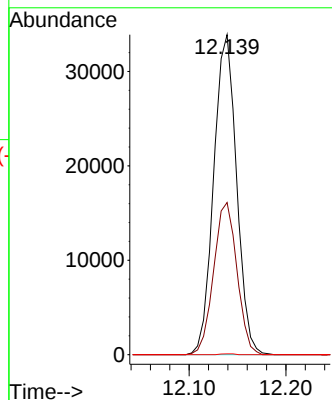
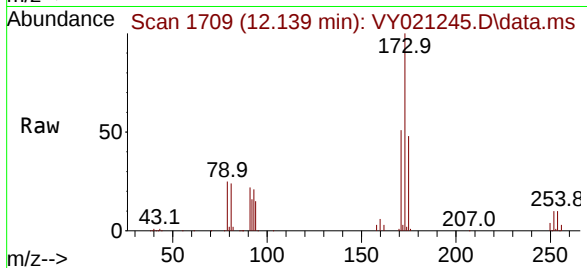
Tgt Ion:173 Resp: 55594

Ion Ratio Lower Upper

173 100

175 48.5 23.5 70.6

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

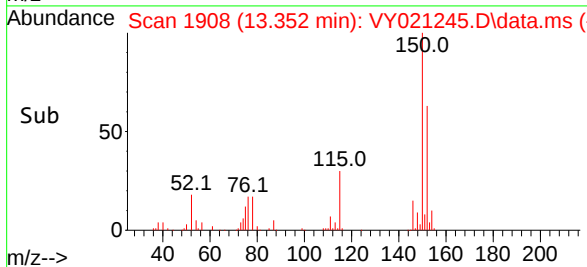
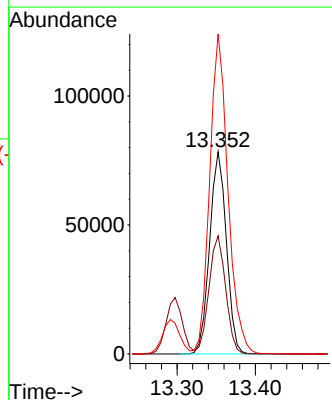
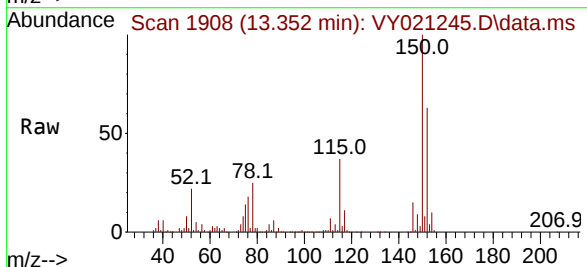
Tgt Ion:152 Resp: 116229

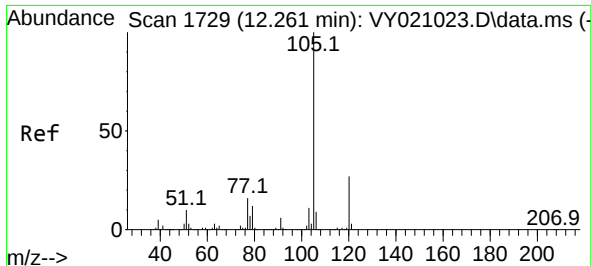
Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 172.9 0.0 344.6

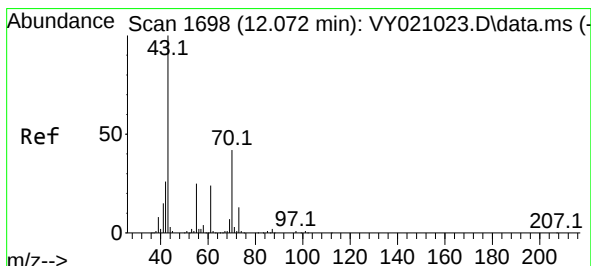
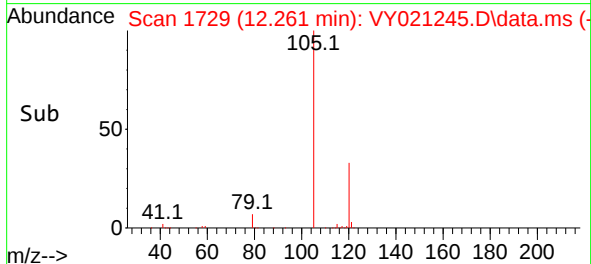
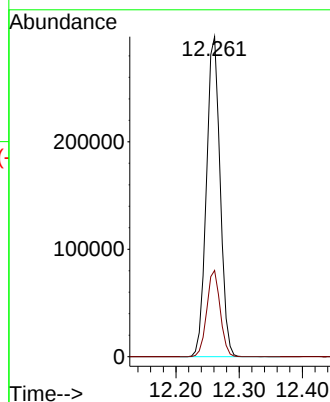
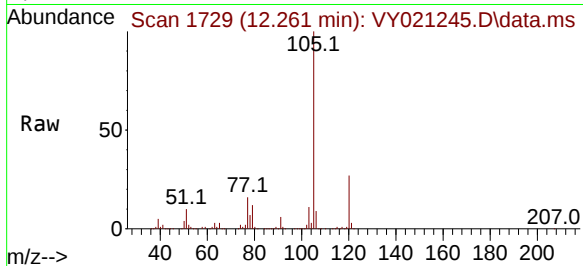




#73
Isopropylbenzene
Concen: 49.326 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

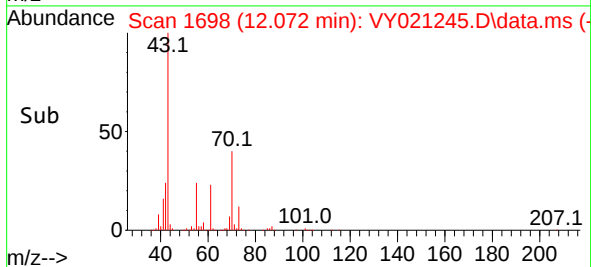
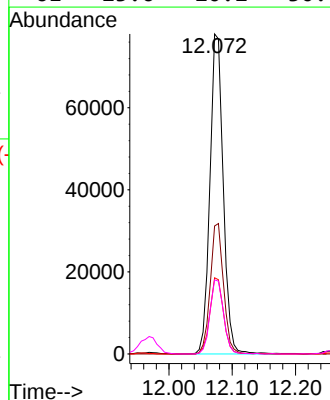
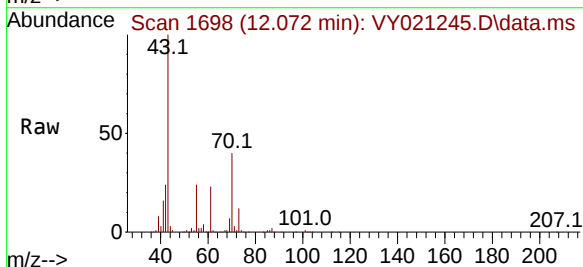
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

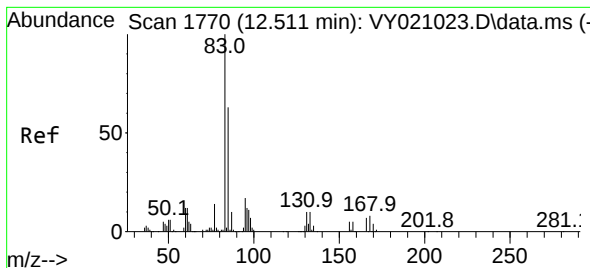
Tgt Ion:105 Resp: 447834
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#74
N-ethyl acetate
Concen: 57.796 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 43 Resp: 114723
Ion Ratio Lower Upper
43 100
70 40.6 36.6 55.0
55 24.2 22.2 33.4
61 23.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.644 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

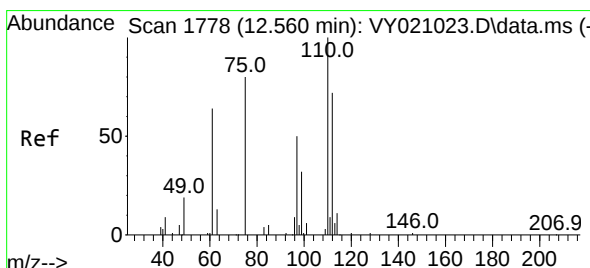
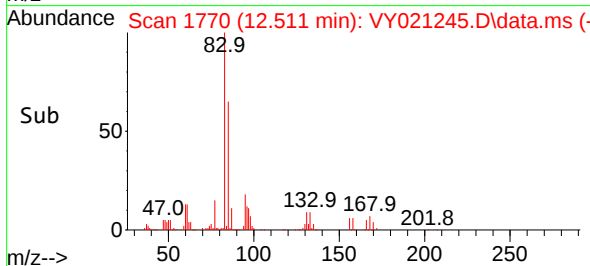
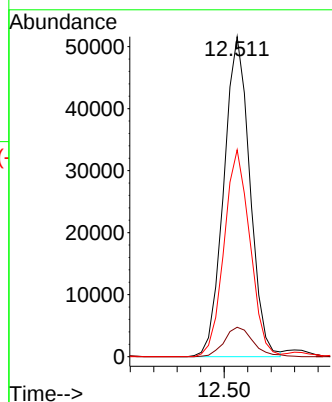
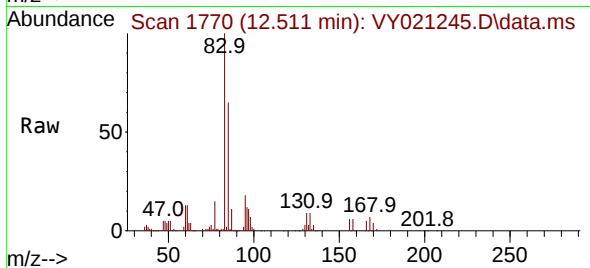
Tgt Ion: 83 Resp: 79491

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.6

85 64.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 98.809 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021245.D

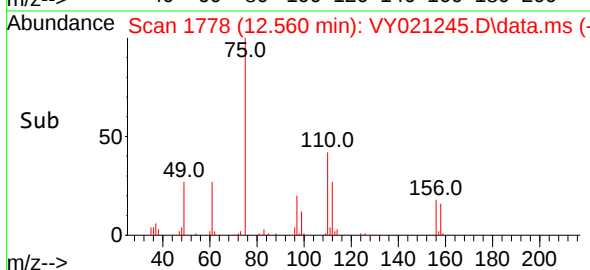
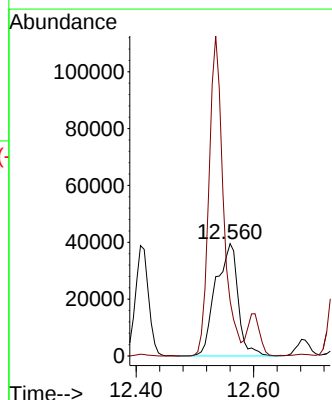
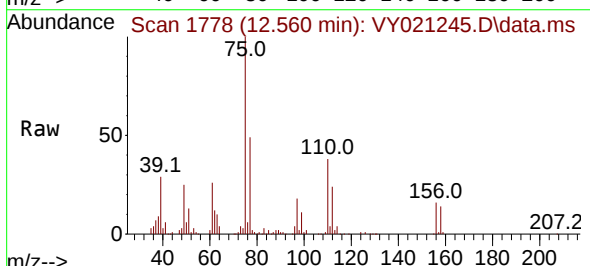
Acq: 19 Feb 2025 18:32

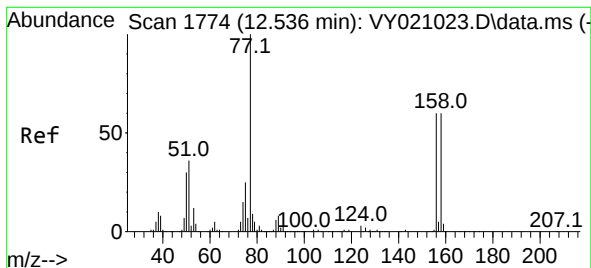
Tgt Ion: 75 Resp: 104178

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.169 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

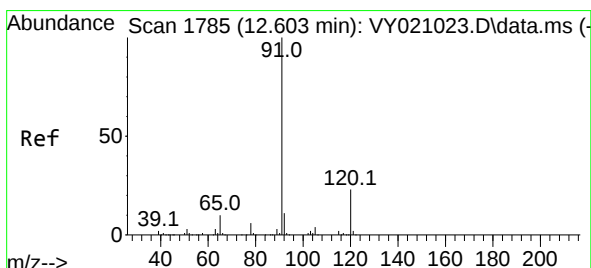
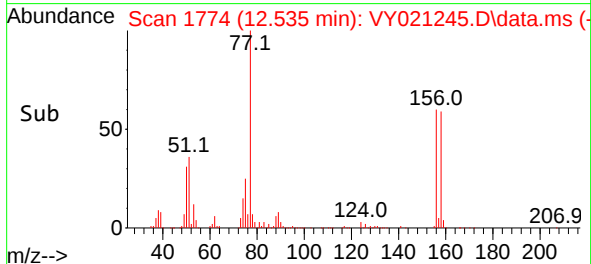
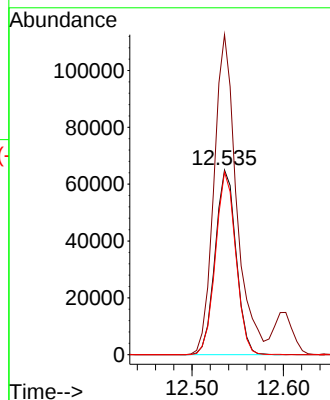
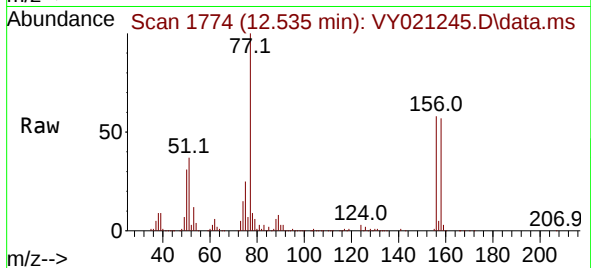
Tgt Ion:156 Resp: 103017

Ion Ratio Lower Upper

156 100

77 186.9 97.3 291.8

158 96.5 48.4 145.0



#78

n-propylbenzene

Concen: 49.878 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021245.D

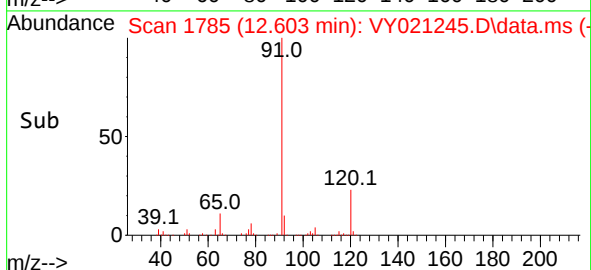
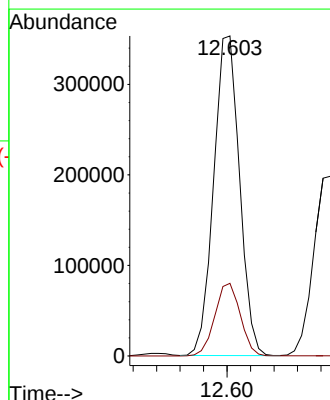
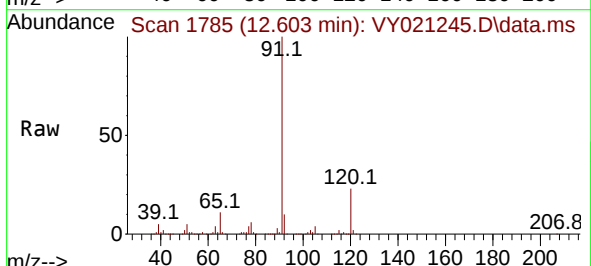
Acq: 19 Feb 2025 18:32

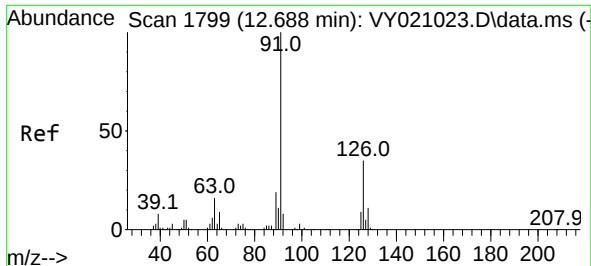
Tgt Ion: 91 Resp: 539445

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0

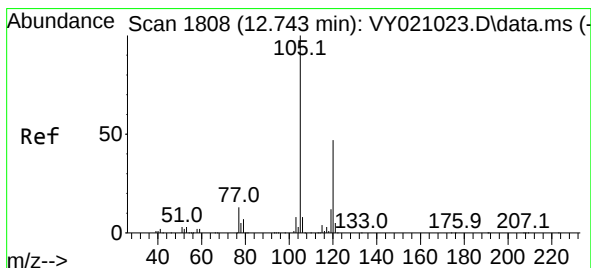
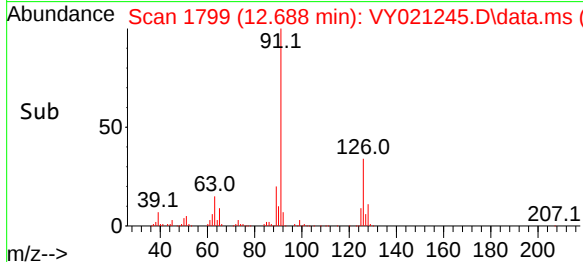
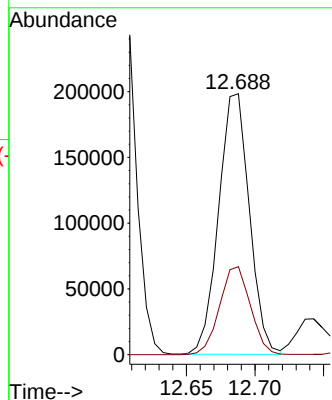
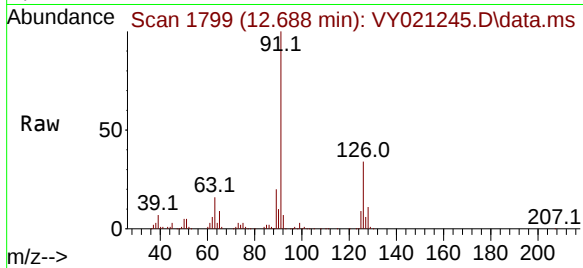




#79
2-Chlorotoluene
Concen: 50.023 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

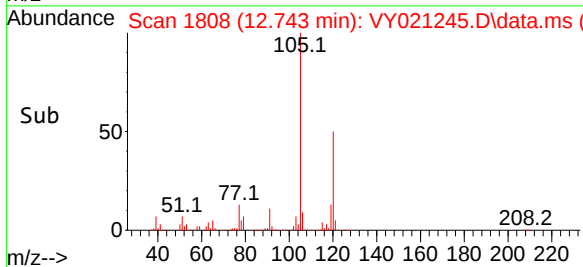
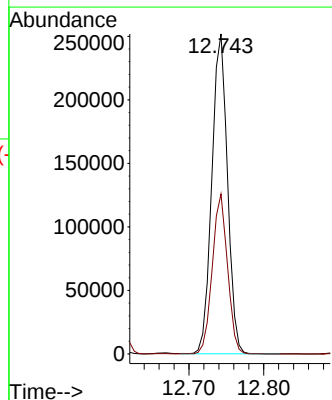
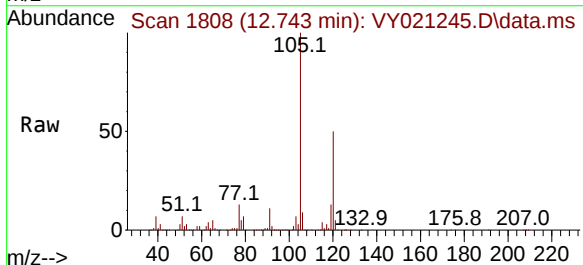
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

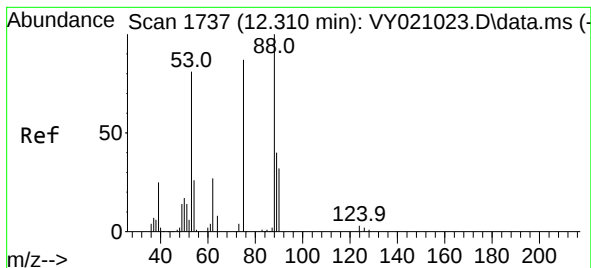
Tgt Ion: 91 Resp: 309867
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 49.680 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion:105 Resp: 365700
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

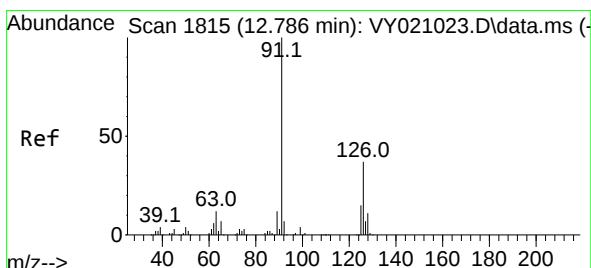
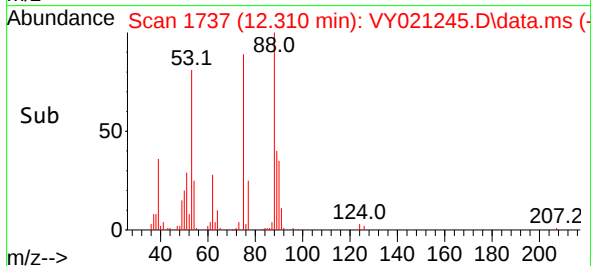
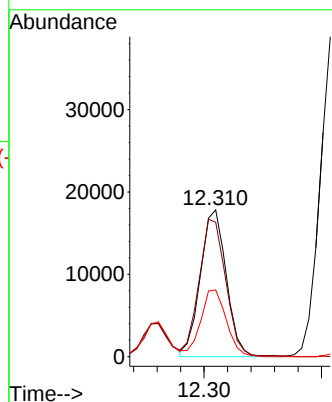
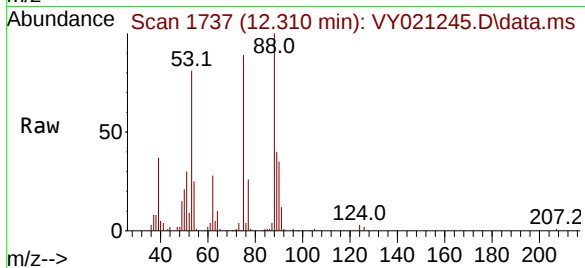




#81
trans-1,4-Dichloro-2-butene
Concen: 52.896 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

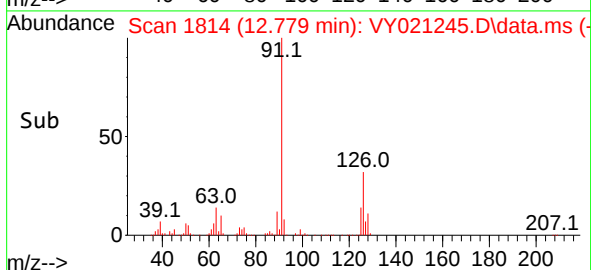
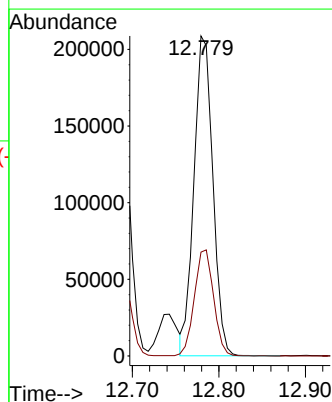
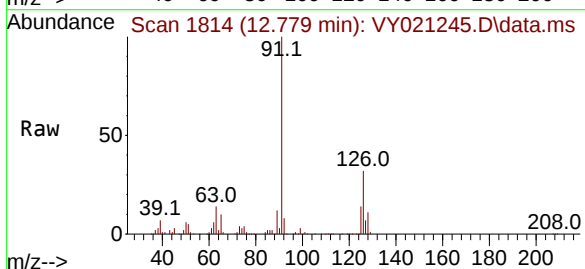
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

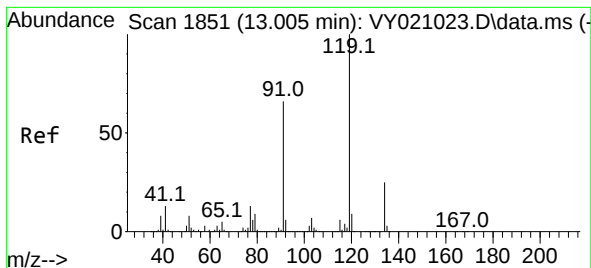
Tgt Ion: 75 Resp: 27332
Ion Ratio Lower Upper
75 100
53 96.9 74.0 111.0
89 45.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.148 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 91 Resp: 316493
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.321 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

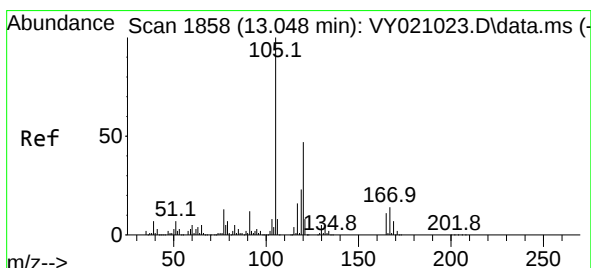
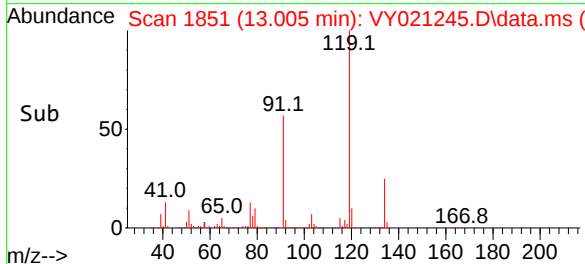
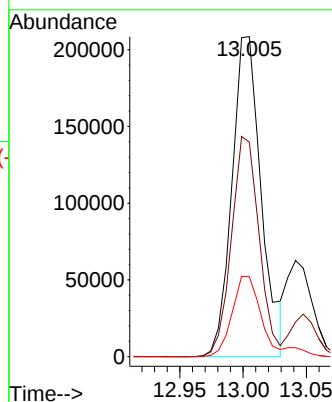
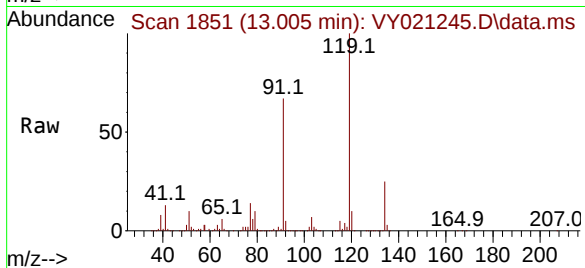
Tgt Ion:119 Resp: 336692

Ion Ratio Lower Upper

119 100

91 65.0 31.5 94.5

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 50.704 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021245.D

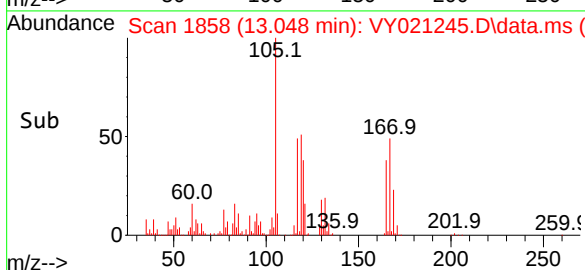
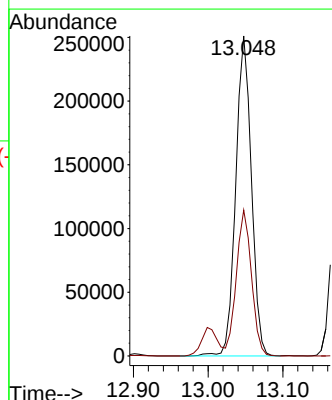
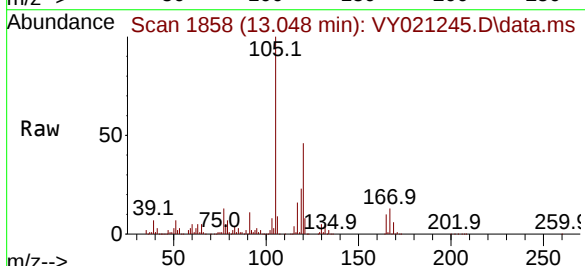
Acq: 19 Feb 2025 18:32

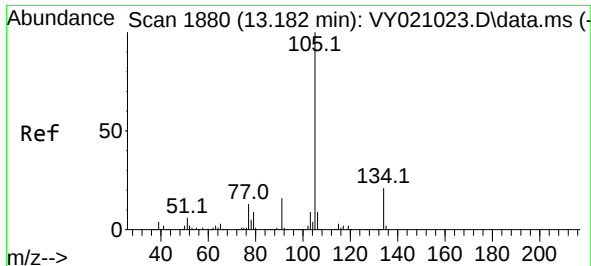
Tgt Ion:105 Resp: 364939

Ion Ratio Lower Upper

105 100

120 44.0 22.1 66.3

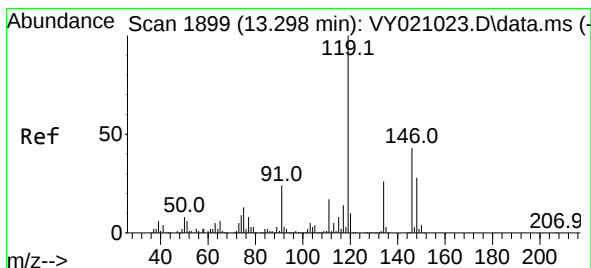
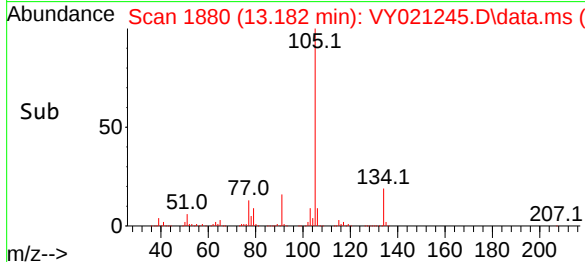
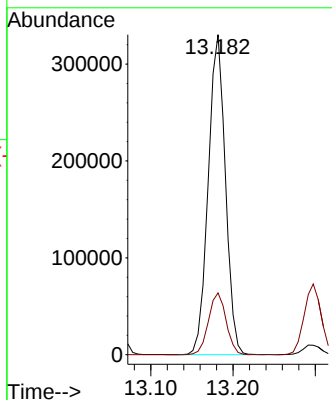
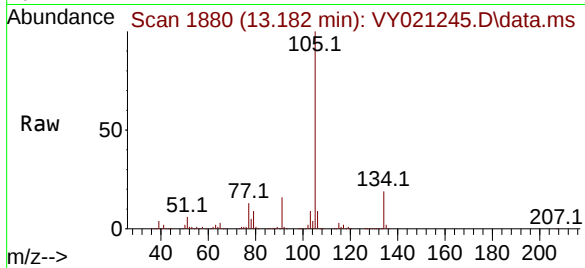




#85
 sec-Butylbenzene
 Concen: 49.704 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021245.D
 Acq: 19 Feb 2025 18:32

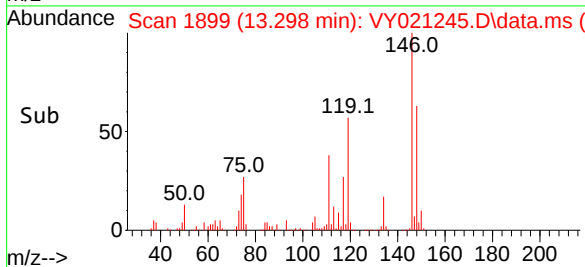
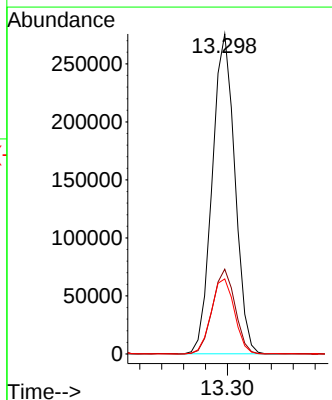
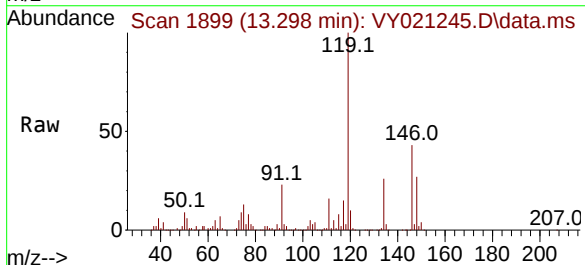
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

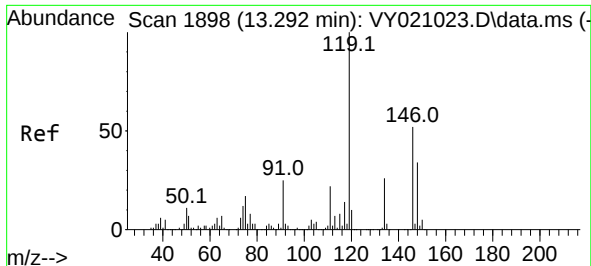
Tgt Ion:105 Resp: 478716
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 49.440 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021245.D
 Acq: 19 Feb 2025 18:32

Tgt Ion:119 Resp: 395546
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 24.1 11.7 35.0

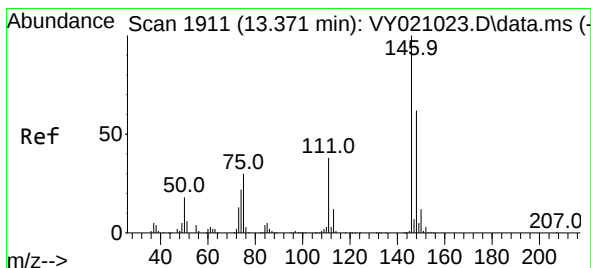
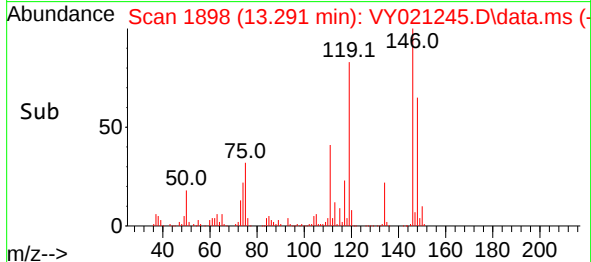
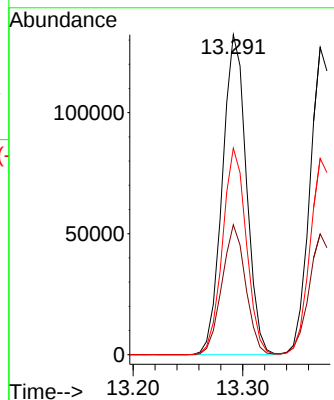
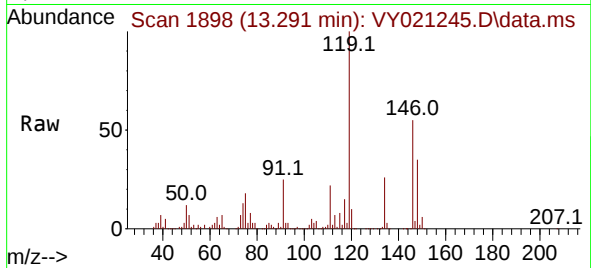




#87
1,3-Dichlorobenzene
Concen: 49.722 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

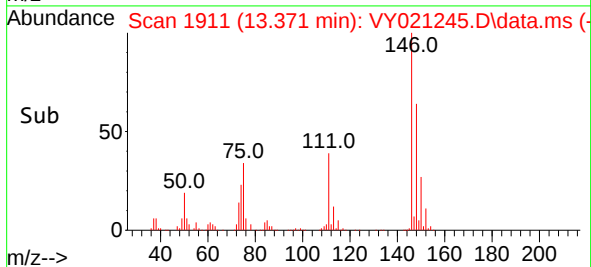
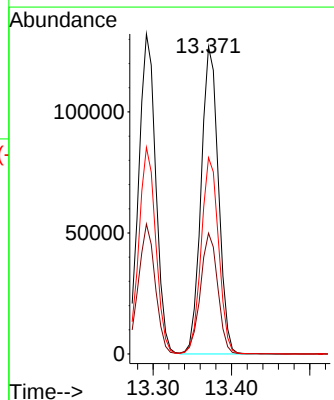
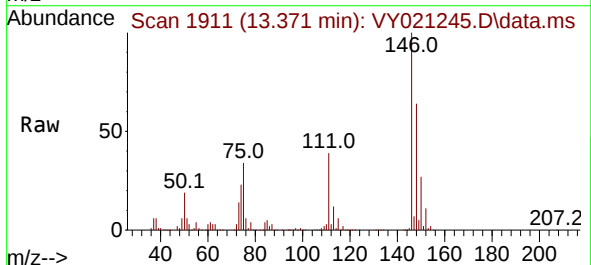
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

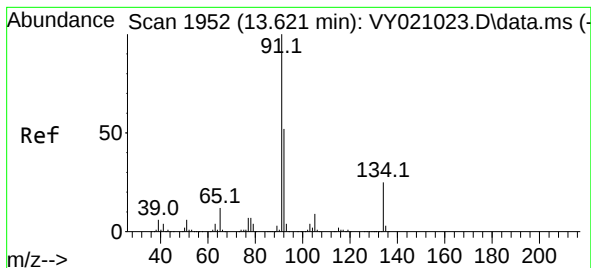
Tgt Ion:146 Resp: 201146
Ion Ratio Lower Upper
146 100
111 40.0 20.2 60.5
148 64.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 48.925 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion:146 Resp: 194880
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.9
148 64.2 31.6 94.7





#89

n-Butylbenzene

Concen: 50.435 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

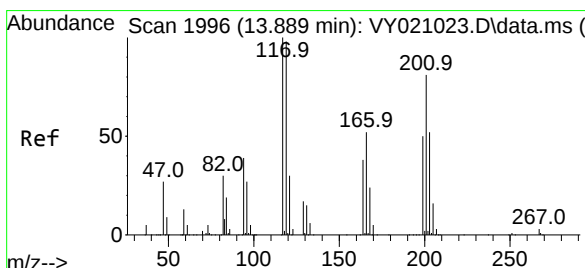
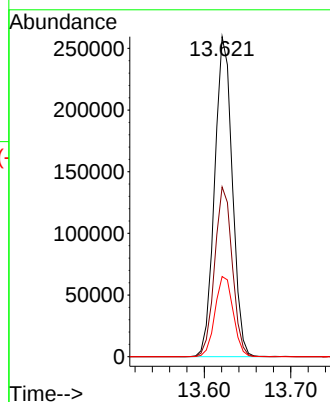
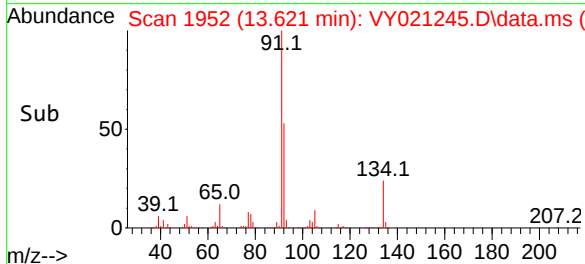
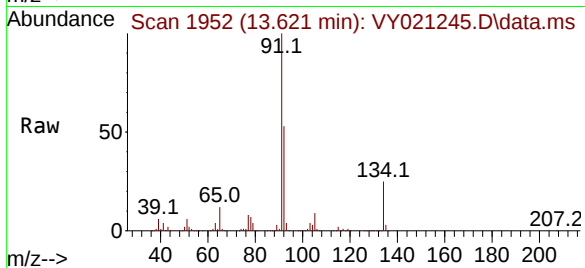
Tgt Ion: 91 Resp: 368108

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.8 12.3 36.8



#90

Hexachloroethane

Concen: 50.100 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY021245.D

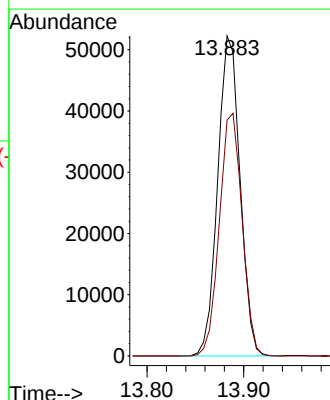
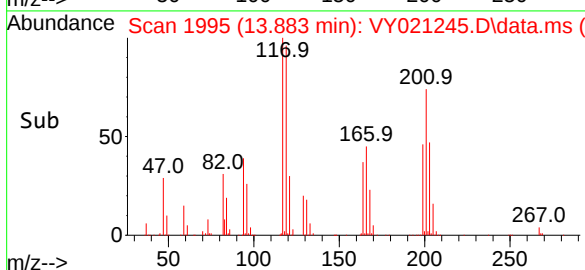
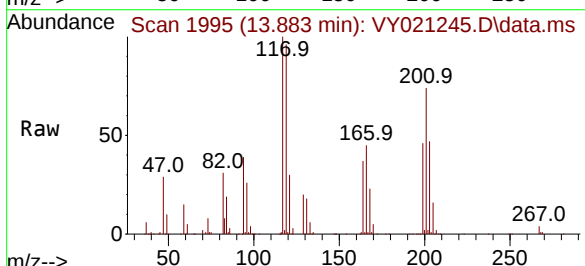
Acq: 19 Feb 2025 18:32

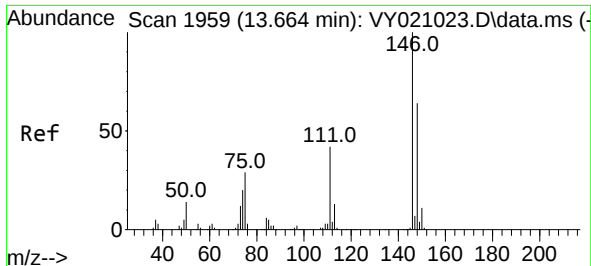
Tgt Ion: 117 Resp: 83620

Ion Ratio Lower Upper

117 100

201 77.3 33.4 100.1

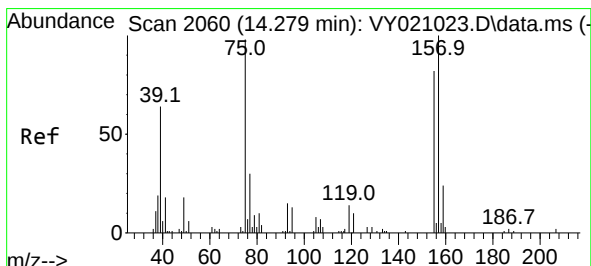
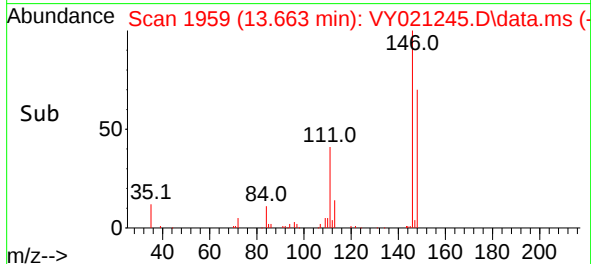
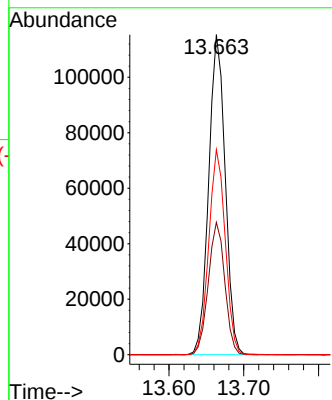
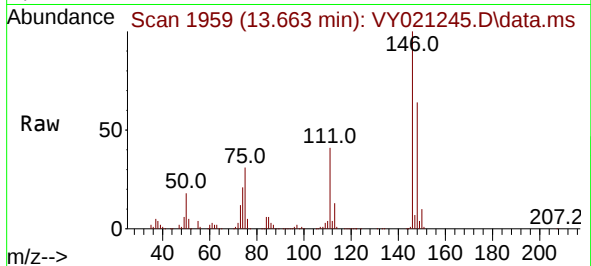




#91
1,2-Dichlorobenzene
Concen: 50.301 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

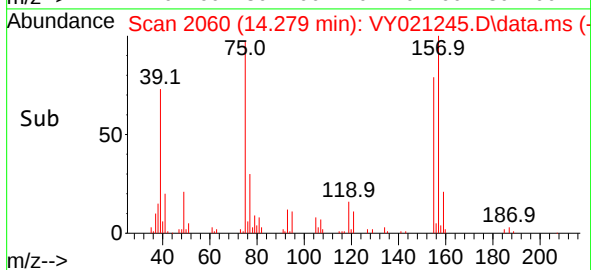
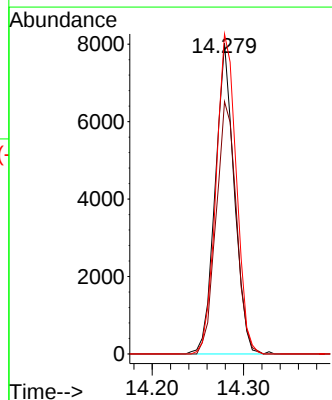
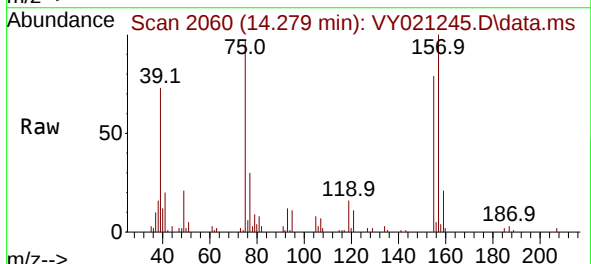
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

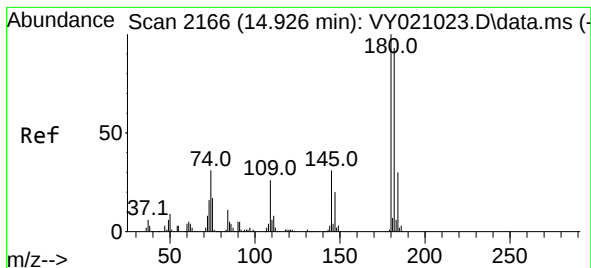
Tgt Ion:146 Resp: 176618
Ion Ratio Lower Upper
146 100
111 41.2 20.5 61.6
148 63.9 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.546 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021245.D
Acq: 19 Feb 2025 18:32

Tgt Ion: 75 Resp: 11631
Ion Ratio Lower Upper
75 100
155 86.2 42.1 126.3
157 109.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 52.893 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

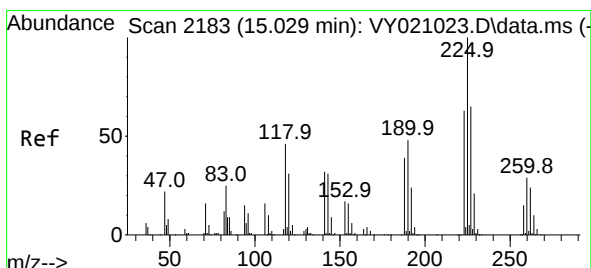
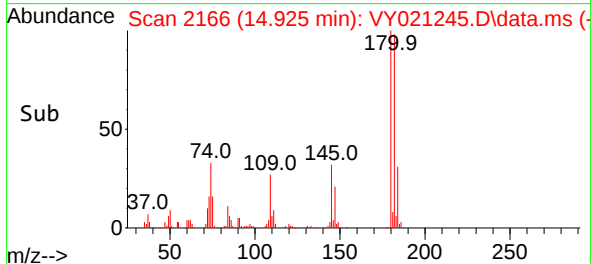
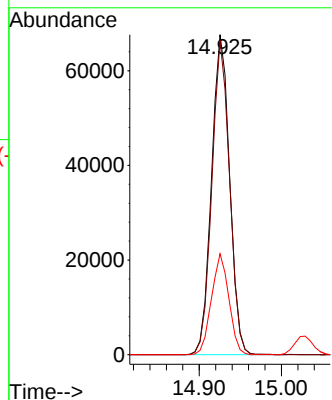
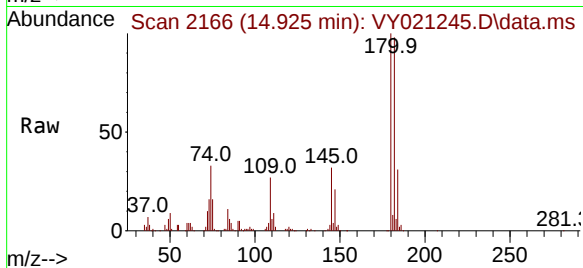
Tgt Ion:180 Resp: 103377

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.312 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

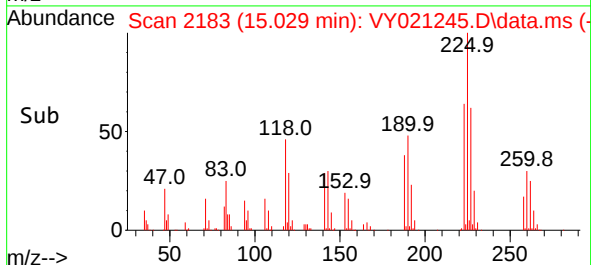
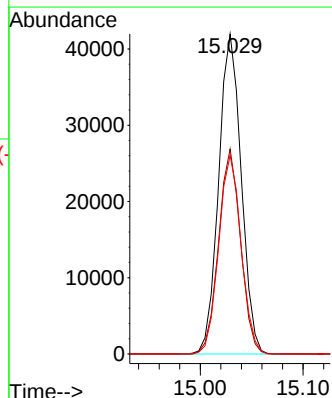
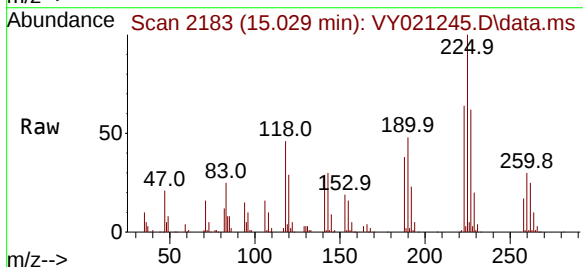
Tgt Ion:225 Resp: 63868

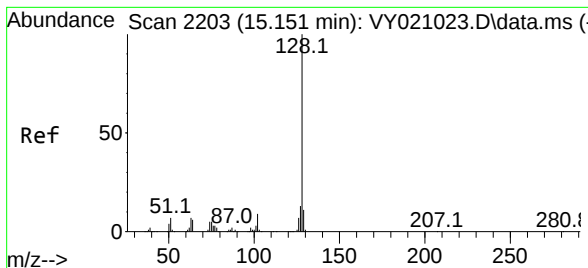
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.3

227 61.5 32.3 96.8





#95

Naphthalene

Concen: 57.663 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

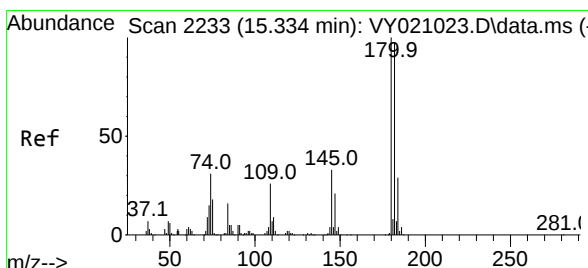
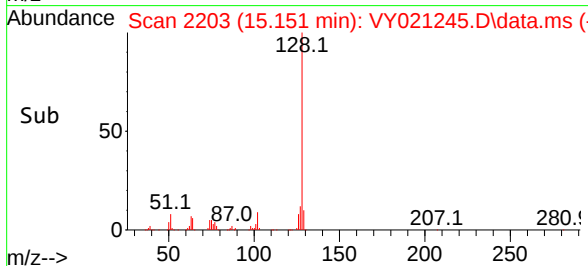
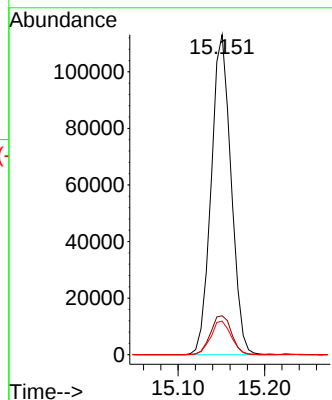
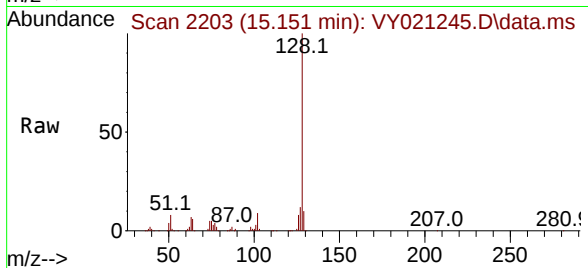
Tgt Ion:128 Resp: 180305

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.891 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021245.D

Acq: 19 Feb 2025 18:32

Tgt Ion:180 Resp: 87654

Ion Ratio Lower Upper

180 100

182 94.8 46.3 138.8

145 32.2 16.1 48.2

