

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021900.D
 Acq On : 17 Apr 2025 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 18 03:52:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	220938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	328284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	296396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	153693	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	108058	45.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.280%
35) Dibromofluoromethane	7.634	113	106621	50.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.109	98	404117	49.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.408	95	140447	51.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	99085	43.269	ug/l	99
3) Chloromethane	2.068	50	134867	41.884	ug/l	99
4) Vinyl Chloride	2.202	62	156383	42.944	ug/l	100
5) Bromomethane	2.598	94	105804	42.600	ug/l	99
6) Chloroethane	2.739	64	105894	44.440	ug/l	99
7) Trichlorofluoromethane	3.062	101	217793	46.688	ug/l	98
8) Diethyl Ether	3.458	74	57473	45.305	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	119696	48.650	ug/l	98
10) Methyl Iodide	4.007	142	139402	51.647	ug/l	99
11) Tert butyl alcohol	4.878	59	32444	208.665	ug/l	99
12) 1,1-Dichloroethene	3.793	96	108440	46.793	ug/l	94
13) Acrolein	3.659	56	11899	41.912	ug/l	99
14) Allyl chloride	4.385	41	169352	45.834	ug/l	99
15) Acrylonitrile	5.061	53	122845	231.922	ug/l	99
16) Acetone	3.873	43	108976	222.438	ug/l	98
17) Carbon Disulfide	4.110	76	332294	43.534	ug/l	100
18) Methyl Acetate	4.385	43	72107	59.386	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	274572	47.589	ug/l	98
20) Methylene Chloride	4.616	84	120165	50.135	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	122105	47.855	ug/l	98
22) Diisopropyl ether	6.025	45	377642	48.722	ug/l	97
23) Vinyl Acetate	5.964	43	1030322	227.225	ug/l	98
24) 1,1-Dichloroethane	5.915	63	221948	47.888	ug/l	99
25) 2-Butanone	6.896	43	159374	227.758	ug/l	97
26) 2,2-Dichloropropane	6.890	77	200573	48.651	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	141104	49.175	ug/l	97
28) Bromochloromethane	7.244	49	93136	47.649	ug/l	98
29) Tetrahydrofuran	7.262	42	101555	225.501	ug/l	97
30) Chloroform	7.421	83	233099	48.355	ug/l	96
31) Cyclohexane	7.707	56	190456	45.079	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	212523	48.778	ug/l	99
36) 1,1-Dichloropropene	7.835	75	164576	50.739	ug/l	99
37) Ethyl Acetate	6.988	43	72317	47.241	ug/l	100
38) Carbon Tetrachloride	7.823	117	194922	52.469	ug/l	100
39) Methylcyclohexane	9.109	83	202624	52.292	ug/l	98
40) Benzene	8.085	78	495050	50.964	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	35896	44.155	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	136009	49.666	ug/l	99
43) Isopropyl Acetate	8.201	43	138784	47.841	ug/l	99
44) Trichloroethene	8.866	130	129829	52.456	ug/l	98
45) 1,2-Dichloropropane	9.140	63	117638	51.162	ug/l	97
46) Dibromomethane	9.231	93	67600	51.013	ug/l	99
47) Bromodichloromethane	9.426	83	179500	52.276	ug/l	99
48) Methyl methacrylate	9.225	41	68054	51.114	ug/l	98
49) 1,4-Dioxane	9.231	88	13335	939.369	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	382413	253.312	ug/l	99
52) Toluene	10.170	92	322269	53.175	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	156955	51.463	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	183660	51.045	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	89516	52.493	ug/l	100
56) Ethyl methacrylate	10.445	69	118089	54.232	ug/l	97
57) 1,3-Dichloropropane	10.719	76	151966	51.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	303636	285.843	ug/l	100
59) 2-Hexanone	10.762	43	257440	256.056	ug/l	99
60) Dibromochloromethane	10.914	129	123855	53.196	ug/l	100
61) 1,2-Dibromoethane	11.018	107	83375	52.119	ug/l	100
64) Tetrachloroethene	10.652	164	150484	55.745	ug/l	98
65) Chlorobenzene	11.444	112	349641	51.460	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	126871	52.630	ug/l	100
67) Ethyl Benzene	11.524	91	618037	53.046	ug/l	99
68) m/p-Xylenes	11.633	106	475353	106.547	ug/l	100
69) o-Xylene	11.957	106	221469	53.777	ug/l	100
70) Styrene	11.975	104	378717	55.154	ug/l	99
71) Bromoform	12.133	173	72005	52.364	ug/l #	99
73) Isopropylbenzene	12.255	105	595302	52.149	ug/l	99
74) N-amyl acetate	12.072	43	128529	47.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	96684	47.109	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	135212	88.751	ug/l #	100
77) Bromobenzene	12.536	156	140411	51.229	ug/l	97
78) n-propylbenzene	12.597	91	721788	52.593	ug/l	99
79) 2-Chlorotoluene	12.682	91	409730	51.402	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	493516	52.897	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	31527	47.682	ug/l	97
82) 4-Chlorotoluene	12.780	91	424874	51.126	ug/l	98
83) tert-Butylbenzene	12.999	119	446791	53.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	492939	53.458	ug/l	100
85) sec-Butylbenzene	13.176	105	651228	53.625	ug/l	100
86) p-Isopropyltoluene	13.298	119	550898	54.886	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	280652	51.973	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	276165	51.763	ug/l	99
89) n-Butylbenzene	13.621	91	509733	54.913	ug/l	100
90) Hexachloroethane	13.883	117	112722	51.249	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	245885	52.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15519	48.787	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	146434	57.444	ug/l	99
94) Hexachlorobutadiene	15.029	225	90788	57.026	ug/l	99
95) Naphthalene	15.151	128	245522	58.107	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	127349	58.584	ug/l	100

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QLast Update : Fri Mar 28 02:30:29 2025
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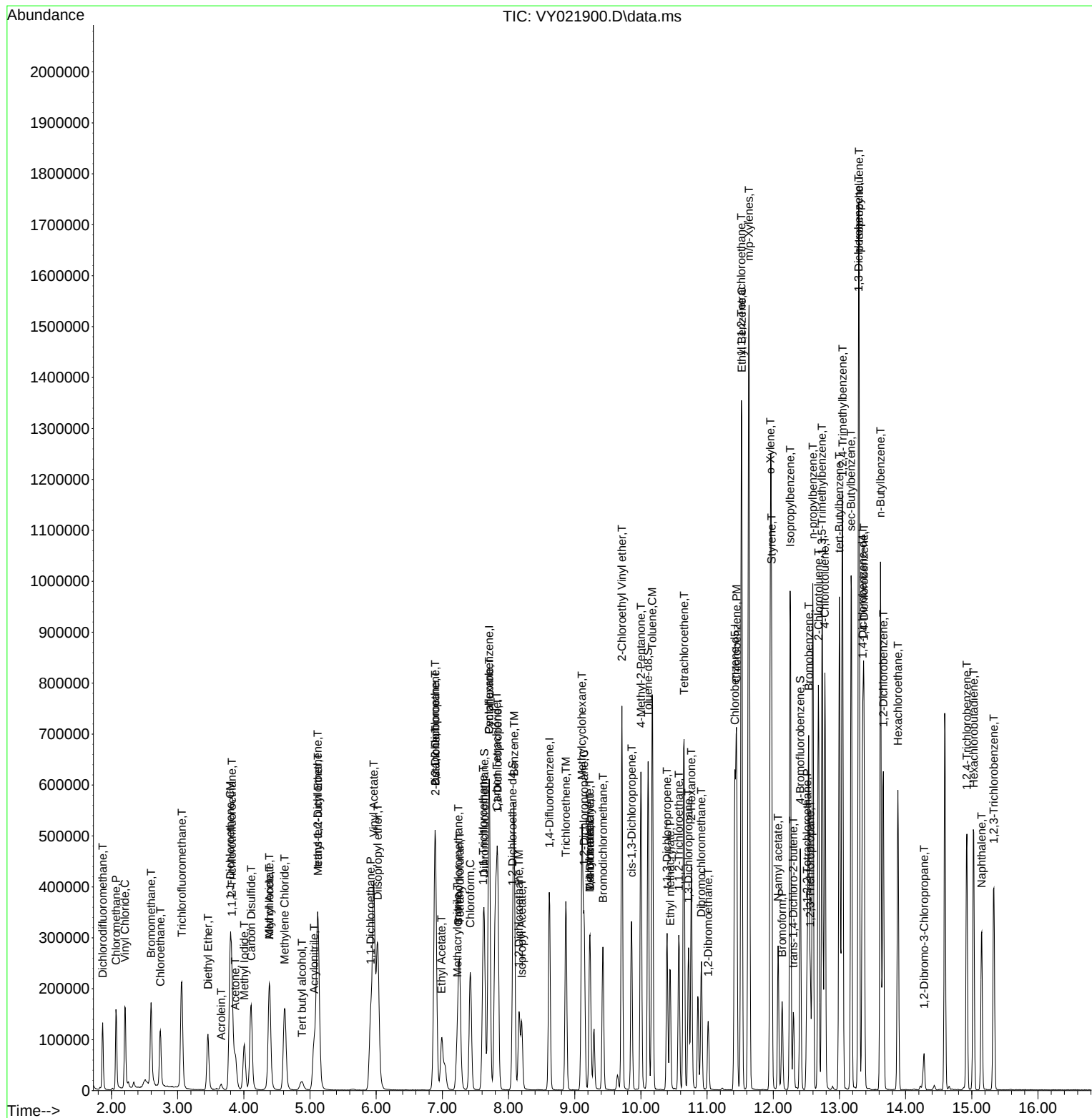
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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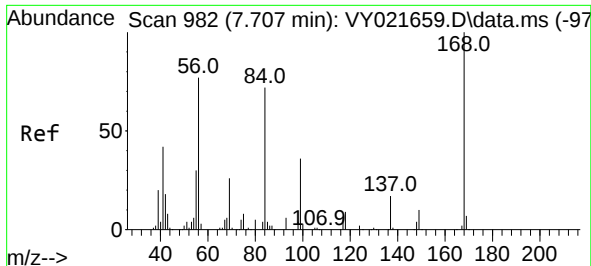
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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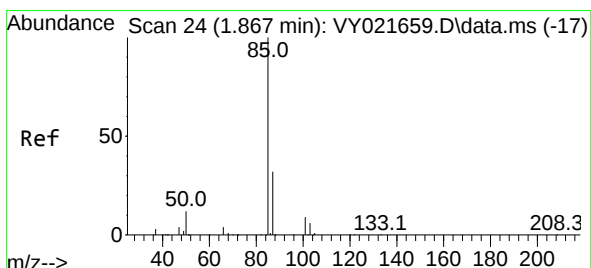
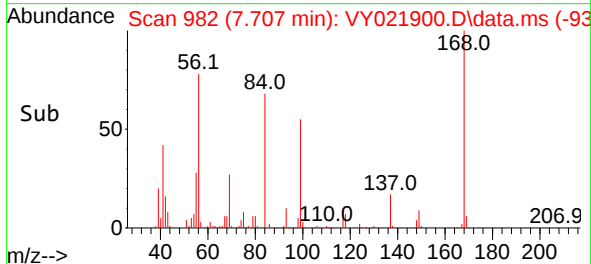
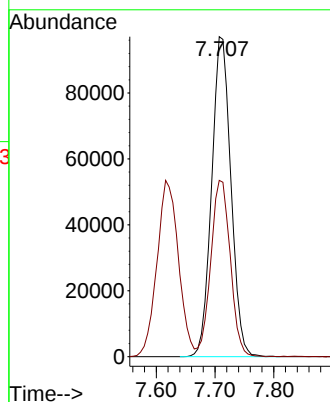
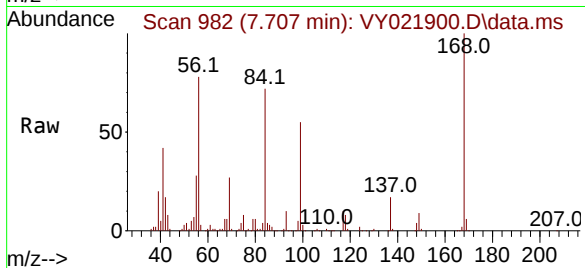




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021900.D
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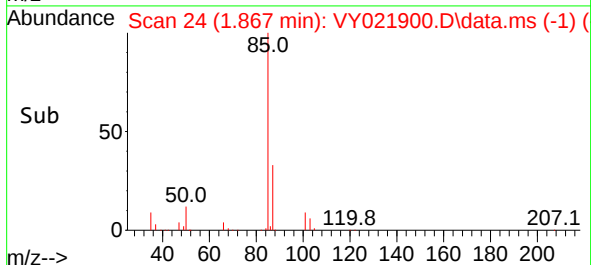
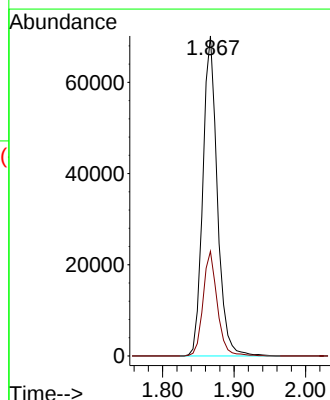
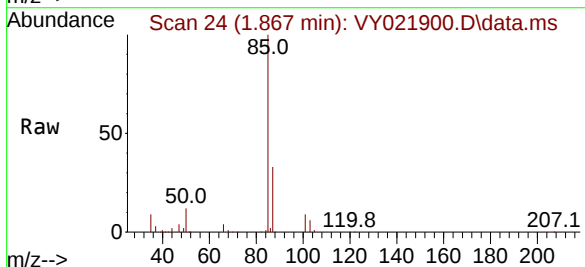
Instrument :
MSVOA_Y
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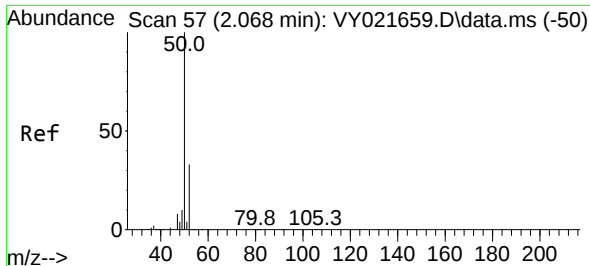
Tgt Ion:168 Resp: 220938
Ion Ratio Lower Upper
168 100
99 55.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 43.269 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 85 Resp: 99085
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6

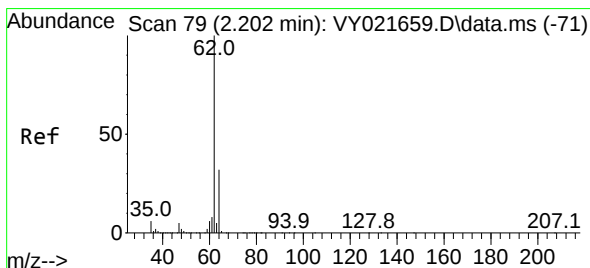
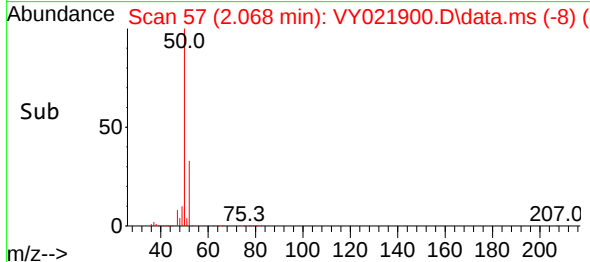
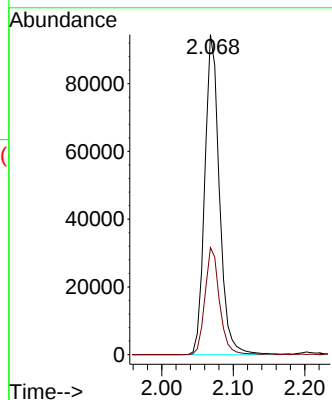
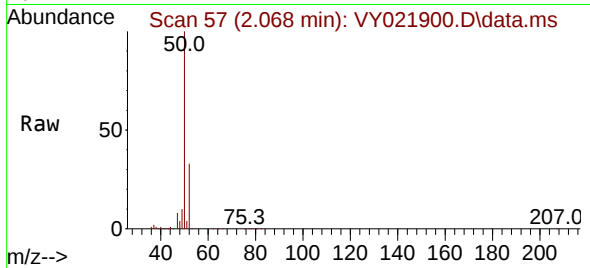




#3
Chloromethane
Concen: 41.884 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

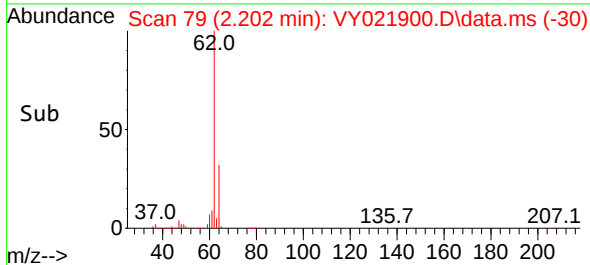
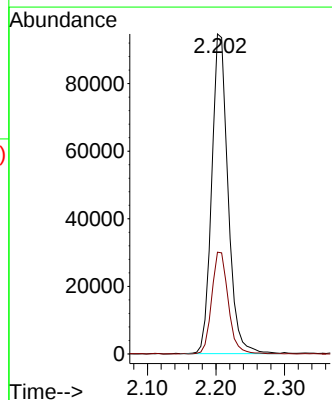
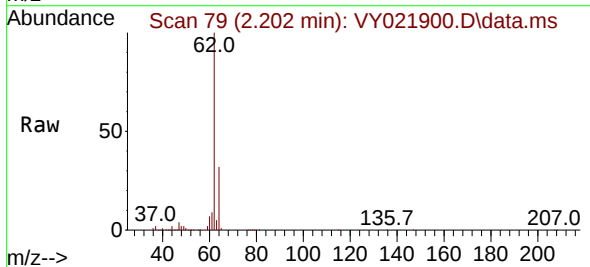
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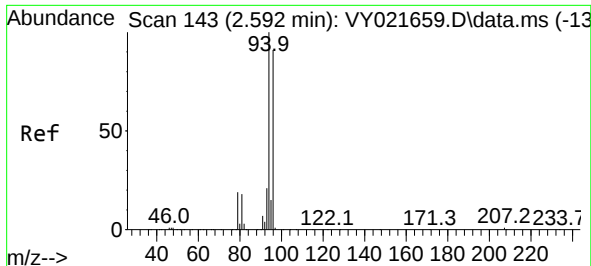
Tgt Ion: 50 Resp: 134867
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5



#4
Vinyl Chloride
Concen: 42.944 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 62 Resp: 156383
Ion Ratio Lower Upper
62 100
64 31.8 25.5 38.3

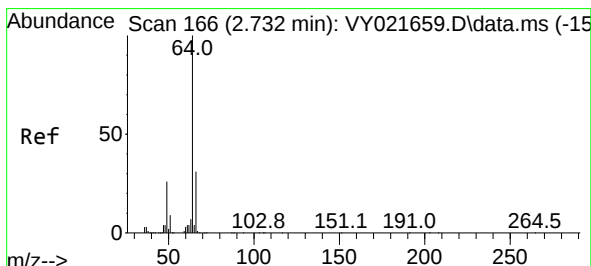
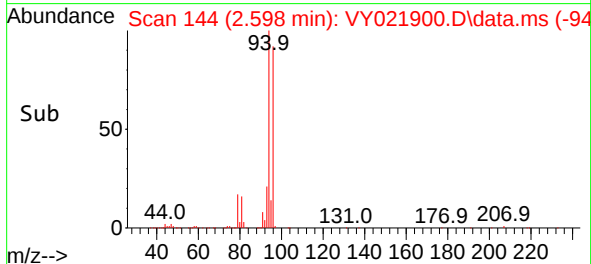
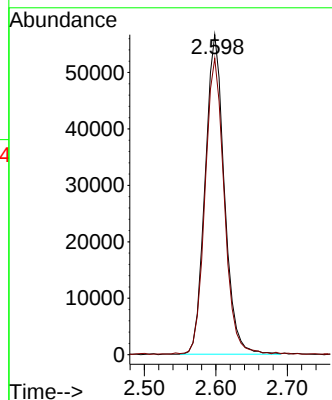
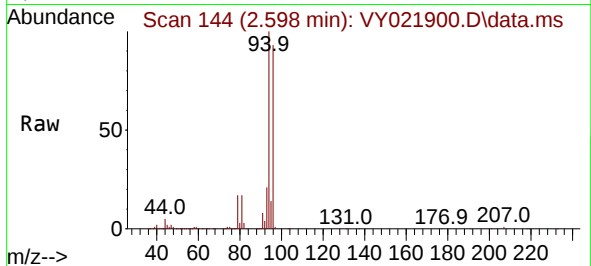




#5
Bromomethane
Concen: 42.600 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

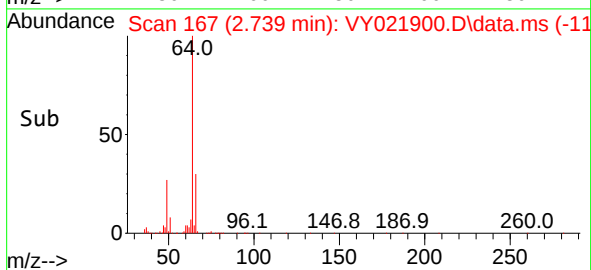
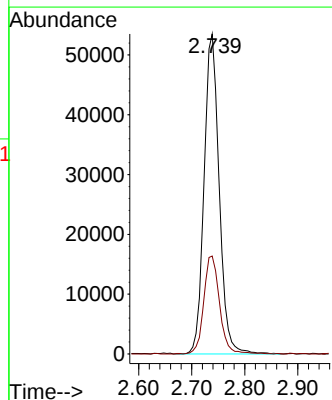
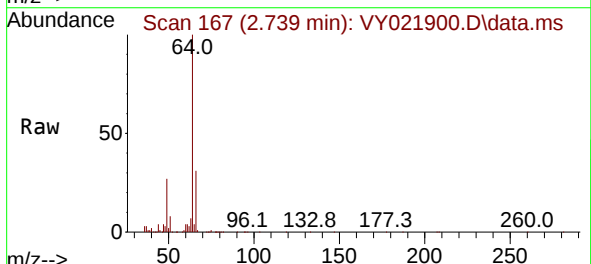
Instrument :
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Tgt Ion: 94 Resp: 105804
Ion Ratio Lower Upper
94 100
96 92.4 72.8 109.2



#6
Chloroethane
Concen: 44.440 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 64 Resp: 105894
Ion Ratio Lower Upper
64 100
66 30.5 24.9 37.3

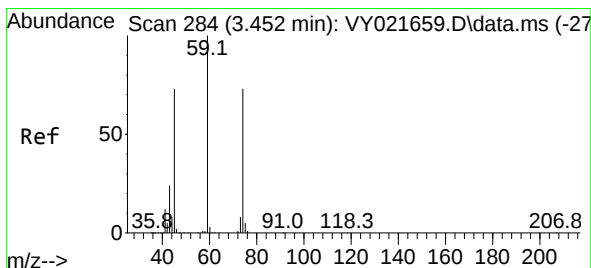
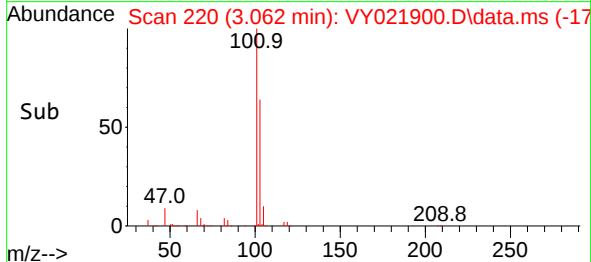
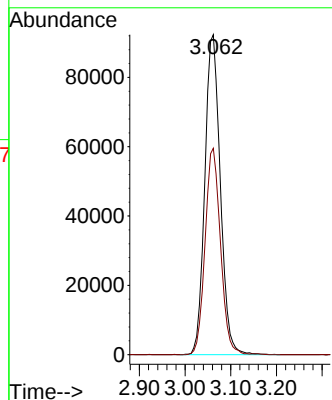
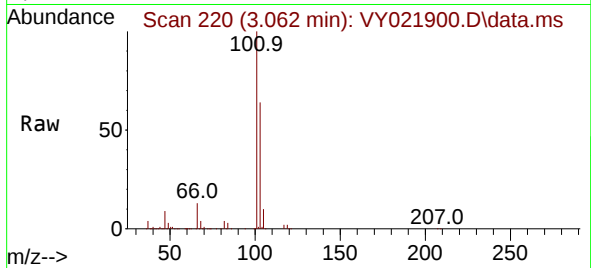




#7
 Trichlorofluoromethane
 Concen: 46.688 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

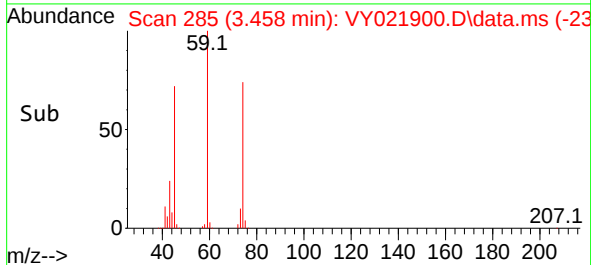
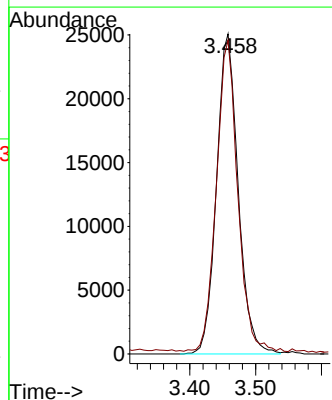
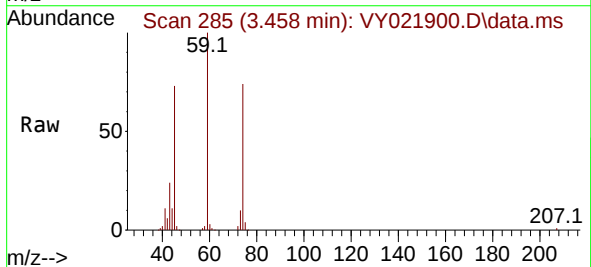
Instrument :
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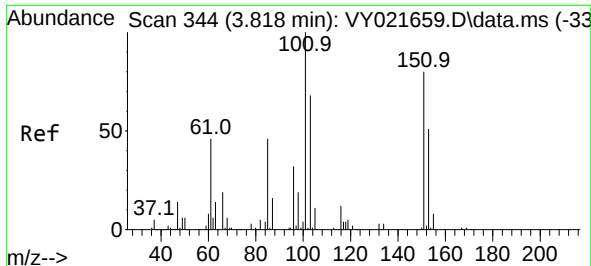
Tgt Ion:101 Resp: 217793
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 45.305 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

Tgt Ion: 74 Resp: 57473
 Ion Ratio Lower Upper
 74 100
 45 95.6 48.6 145.8

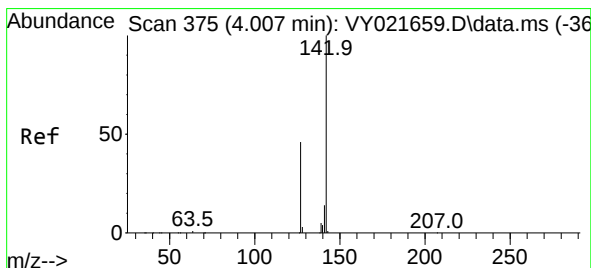
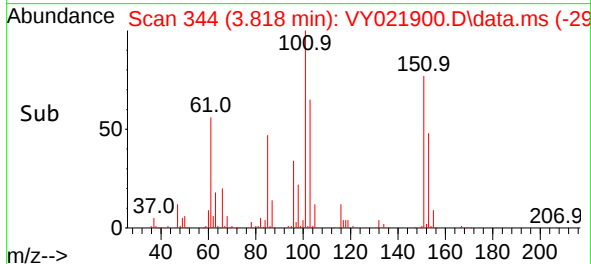
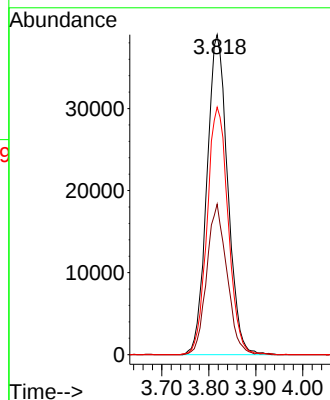
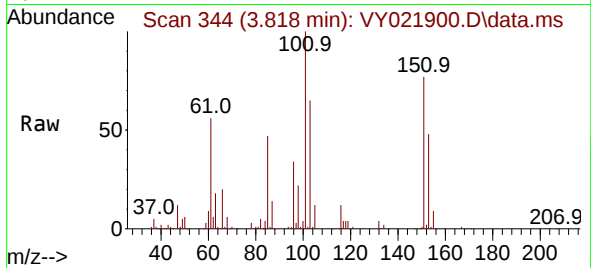




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.650 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

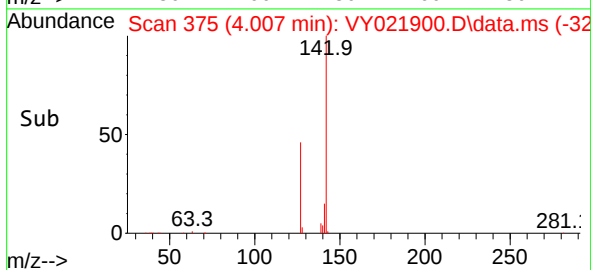
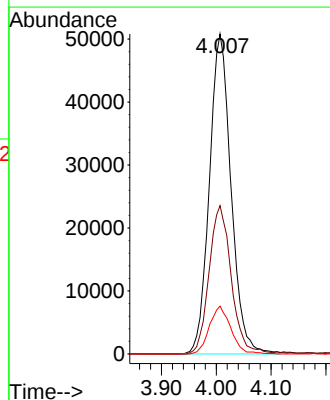
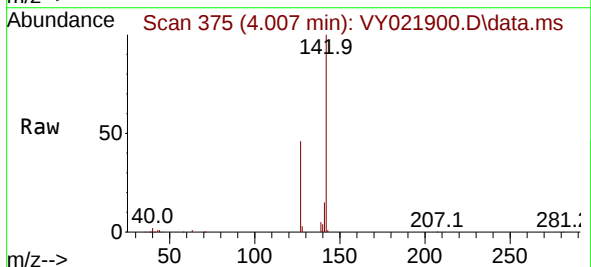
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

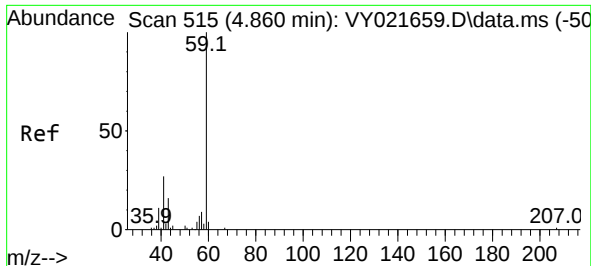
Tgt Ion:101 Resp: 119696
Ion Ratio Lower Upper
101 100
85 45.9 36.3 54.5
151 78.4 61.3 91.9



#10
Methyl Iodide
Concen: 51.647 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion:142 Resp: 139402
Ion Ratio Lower Upper
142 100
127 47.3 38.7 58.1
141 14.8 11.5 17.3

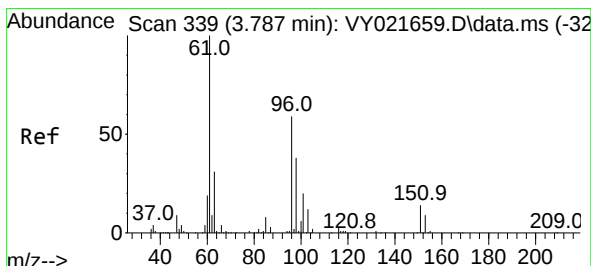
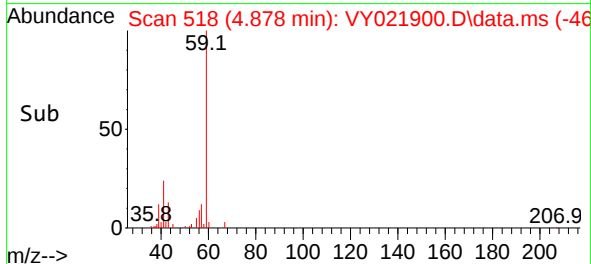
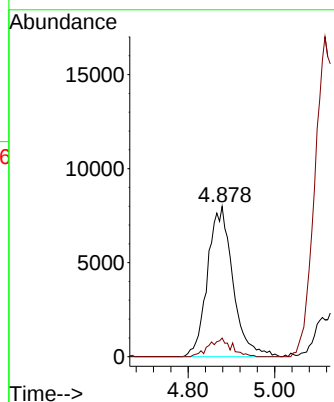
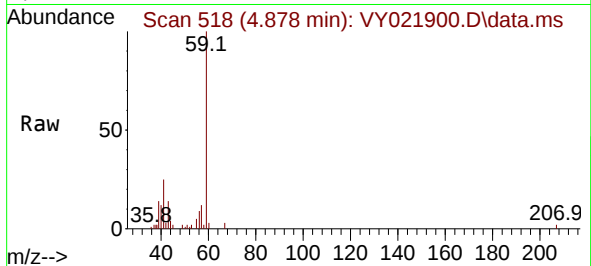




#11
Tert butyl alcohol
Concen: 208.665 ug/l
RT: 4.878 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

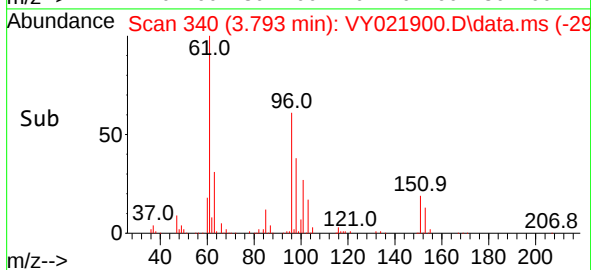
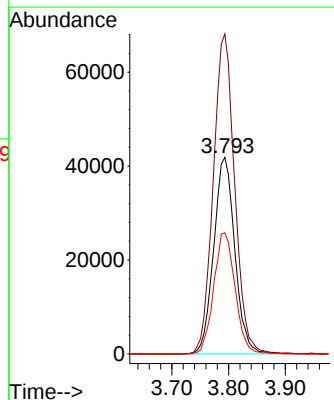
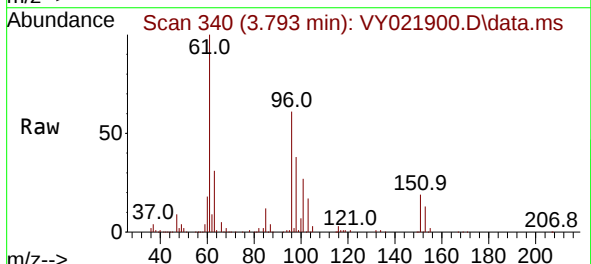
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

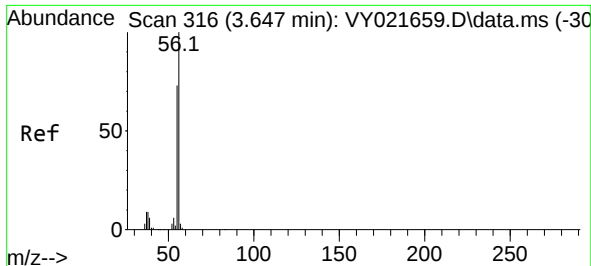
Tgt Ion: 59 Resp: 32444
Ion Ratio Lower Upper
59 100
57 11.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 46.793 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 96 Resp: 108440
Ion Ratio Lower Upper
96 100
61 162.7 136.6 204.8
98 61.6 52.3 78.5

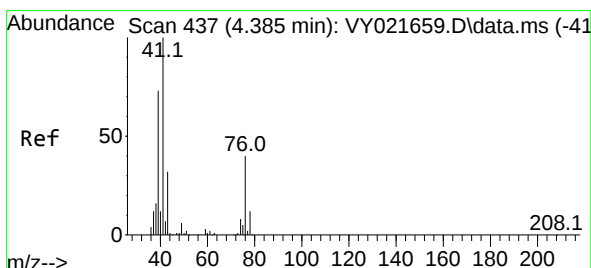
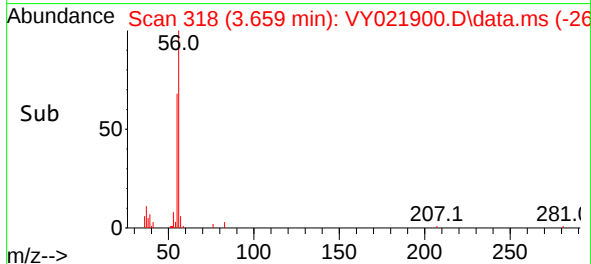
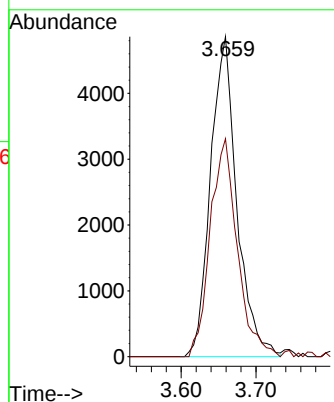
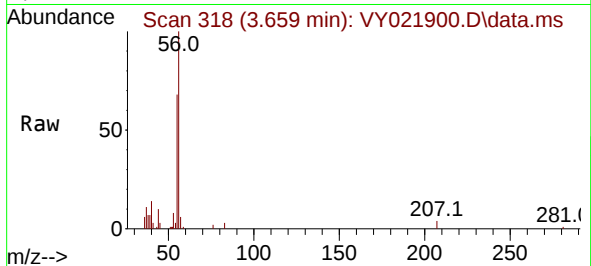




#13
Acrolein
Concen: 41.912 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

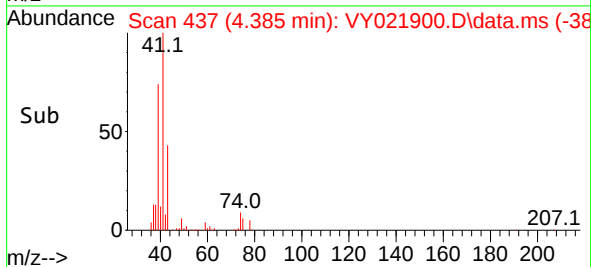
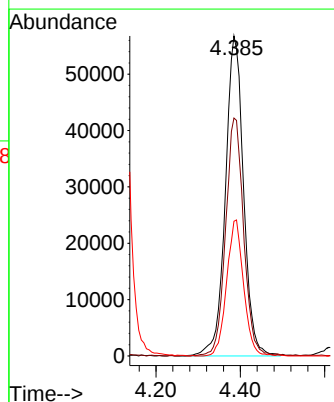
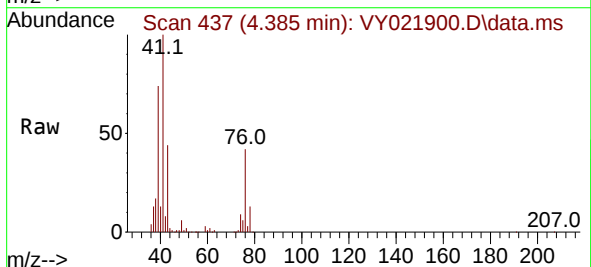
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

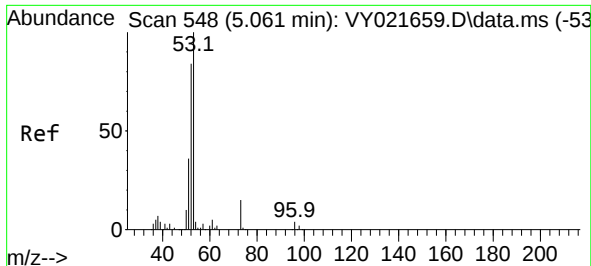
Tgt Ion: 56 Resp: 11899
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0



#14
Allyl chloride
Concen: 45.834 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 41 Resp: 169352
Ion Ratio Lower Upper
41 100
39 73.7 58.6 88.0
76 39.7 30.3 45.5

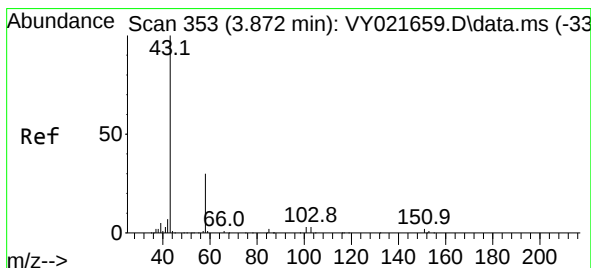
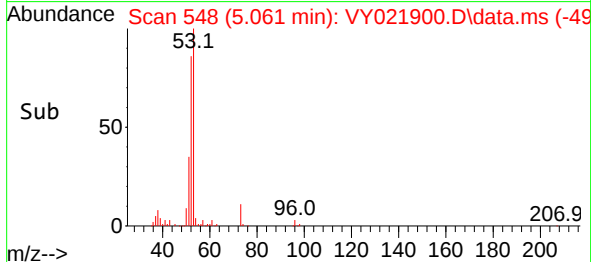
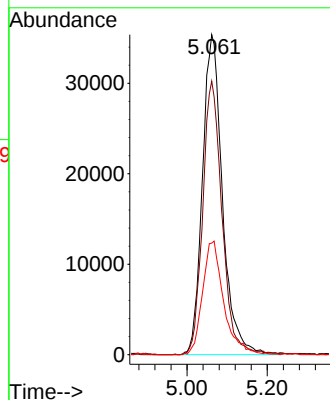
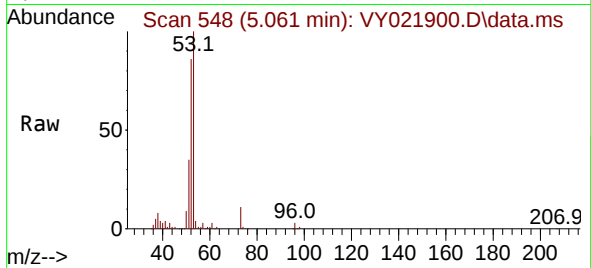




#15
Acrylonitrile
Concen: 231.922 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

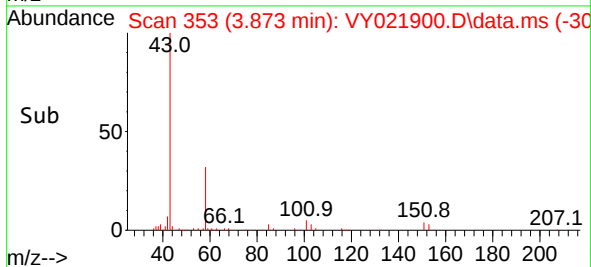
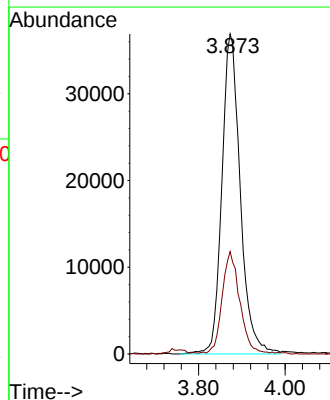
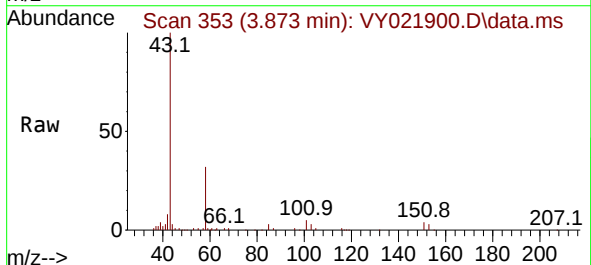
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

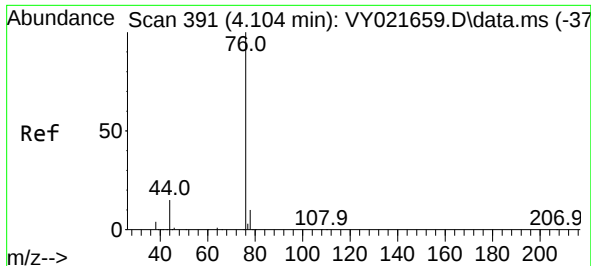
Tgt Ion: 53 Resp: 122845
Ion Ratio Lower Upper
53 100
52 82.5 64.9 97.3
51 37.5 30.2 45.2



#16
Acetone
Concen: 222.438 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 43 Resp: 108976
Ion Ratio Lower Upper
43 100
58 31.6 24.2 36.4

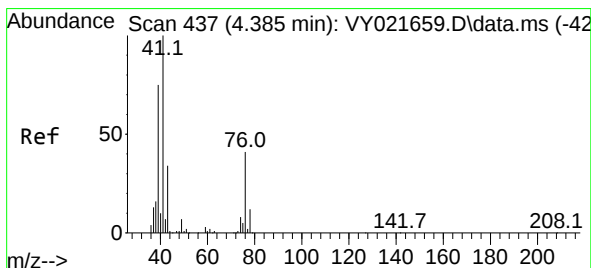
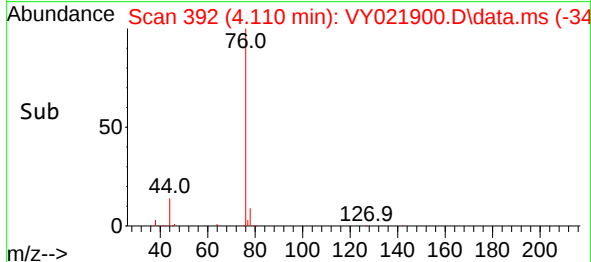
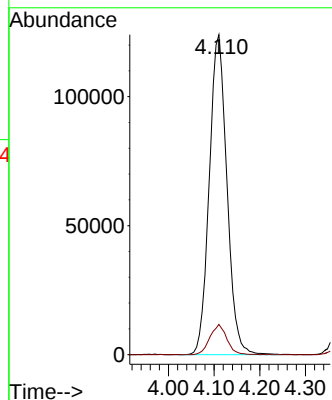
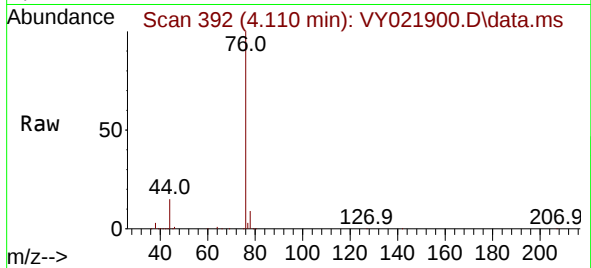




#17
Carbon Disulfide
Concen: 43.534 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

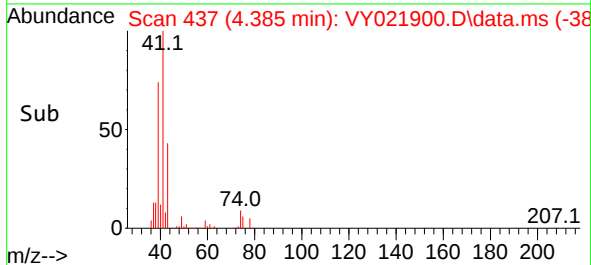
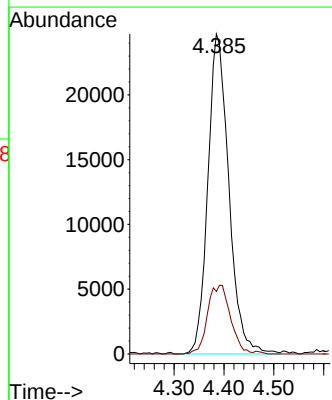
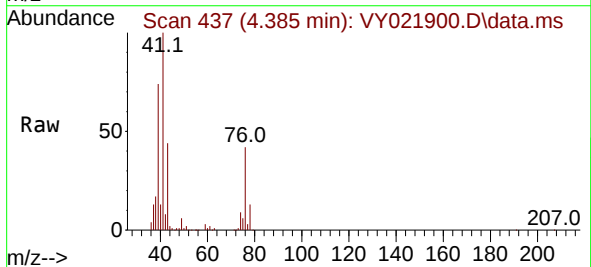
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 332294
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 59.386 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 43 Resp: 72107
Ion Ratio Lower Upper
43 100
74 23.4 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 47.589 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

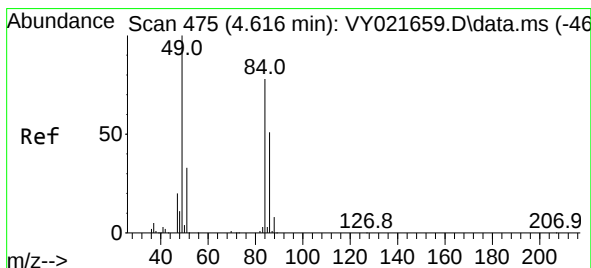
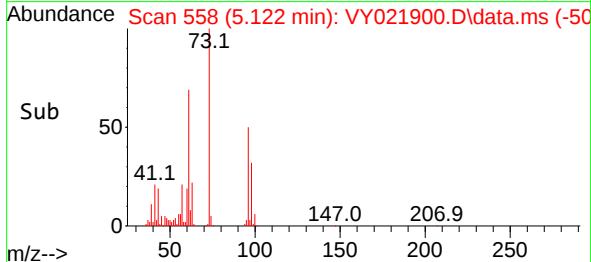
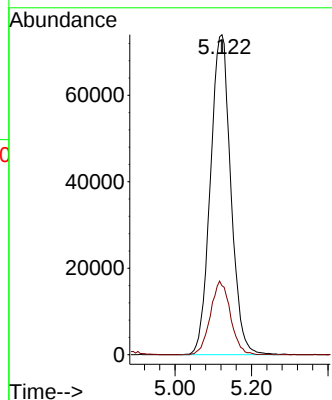
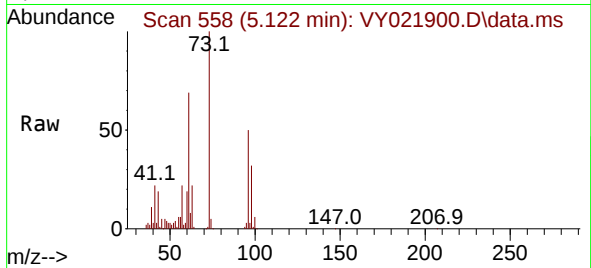
VSTDCCC050

Tgt Ion: 73 Resp: 274572

Ion Ratio Lower Upper

73 100

57 21.6 18.1 27.1



#20

Methylene Chloride

Concen: 50.135 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Tgt Ion: 84 Resp: 120165

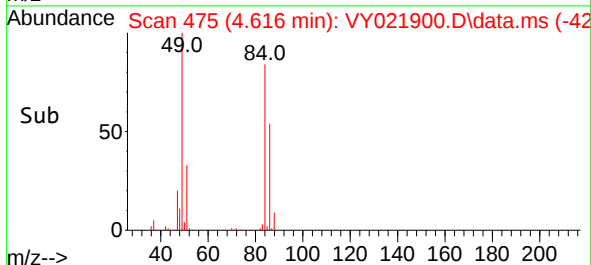
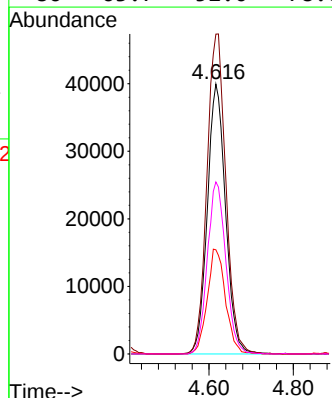
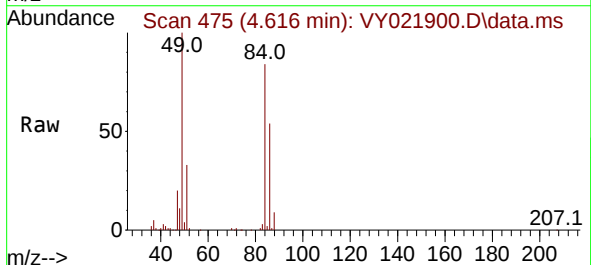
Ion Ratio Lower Upper

84 100

49 118.5 102.8 154.2

51 38.6 33.5 50.3

86 63.7 52.0 78.0

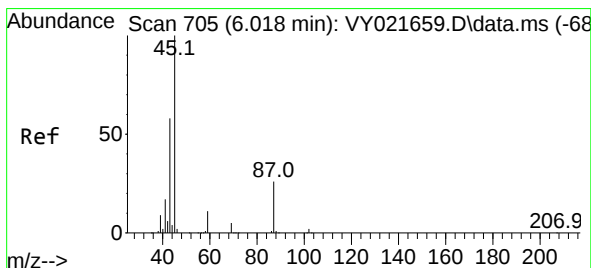
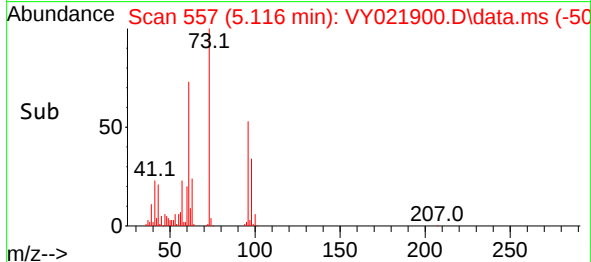
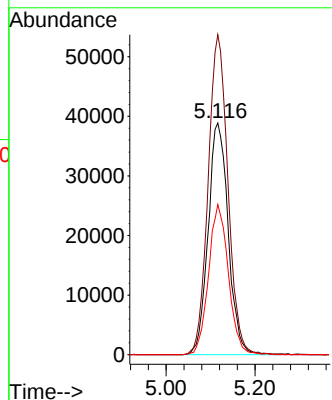
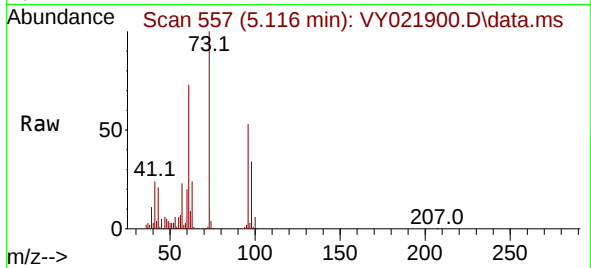




#21
trans-1,2-Dichloroethene
Concen: 47.855 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

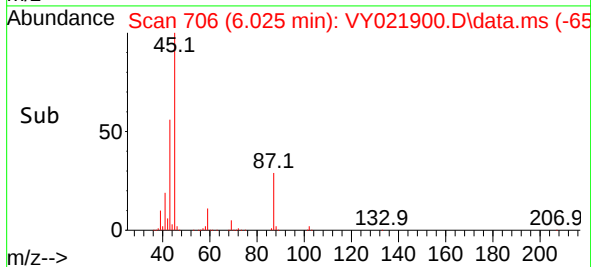
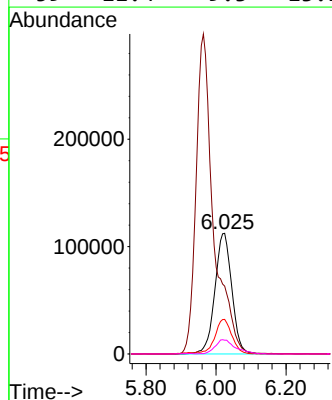
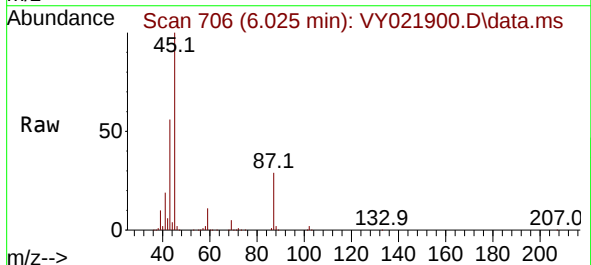
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

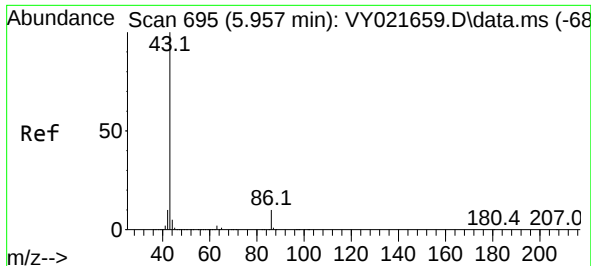
Tgt Ion: 96 Resp: 122105
Ion Ratio Lower Upper
96 100
61 138.1 109.4 164.0
98 64.8 50.2 75.2



#22
Diisopropyl ether
Concen: 48.722 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 45 Resp: 377642
Ion Ratio Lower Upper
45 100
43 56.0 46.6 69.8
87 28.7 20.7 31.1
59 11.4 9.3 13.9

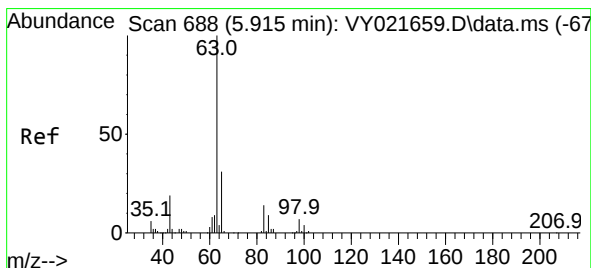
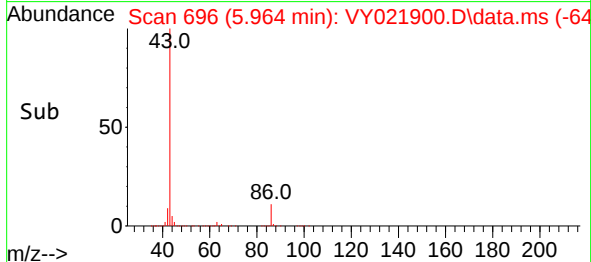
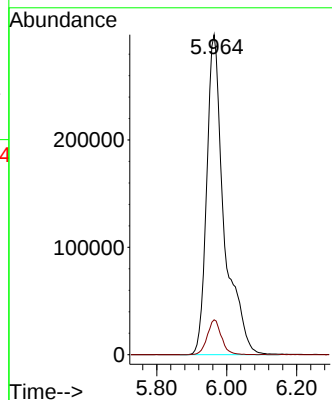
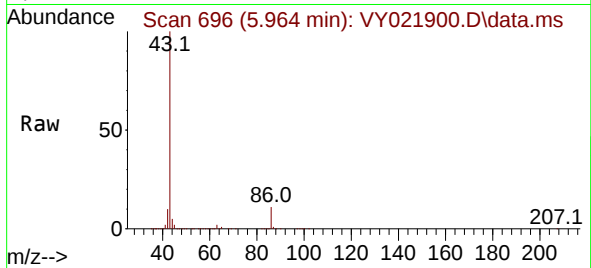




#23
 Vinyl Acetate
 Concen: 227.225 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

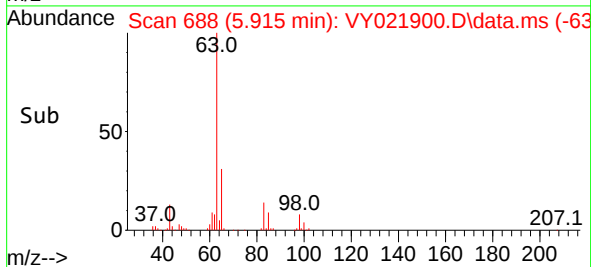
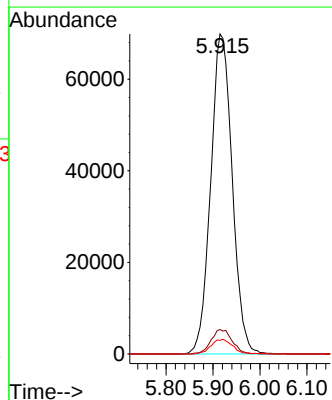
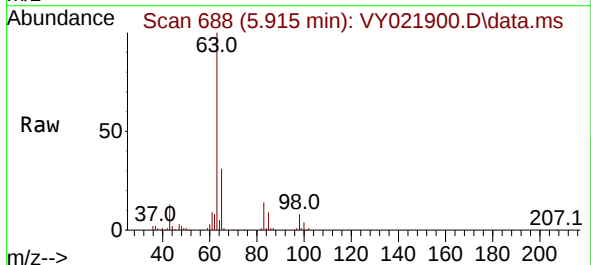
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

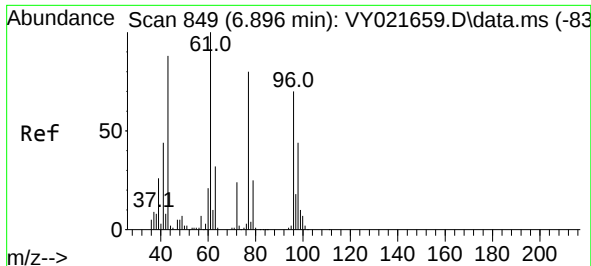
Tgt Ion: 43 Resp: 1030322
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 47.888 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

Tgt Ion: 63 Resp: 221948
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.2 2.2 6.6

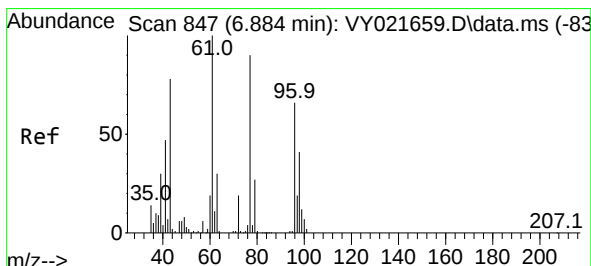
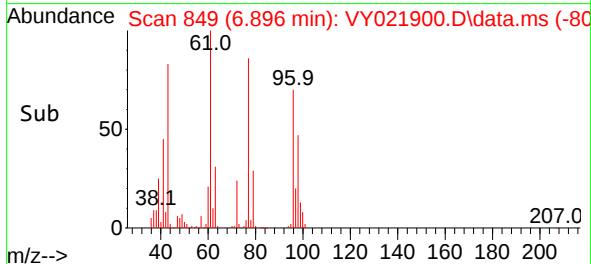
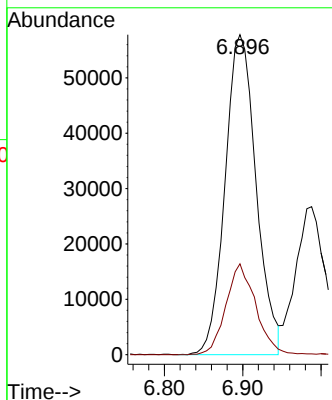
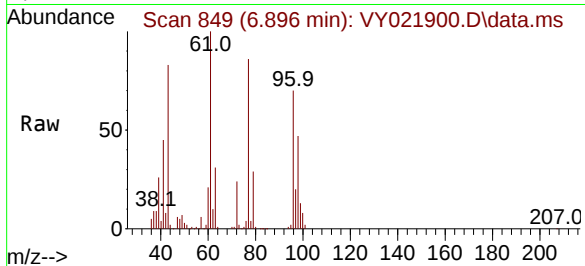




#25
2-Butanone
Concen: 227.758 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

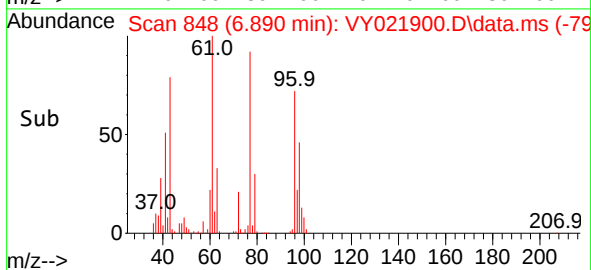
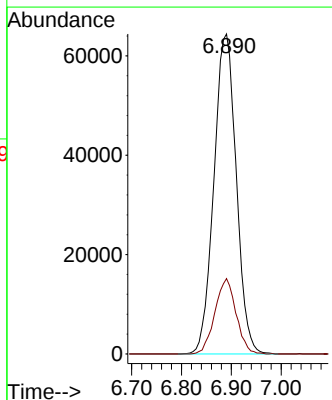
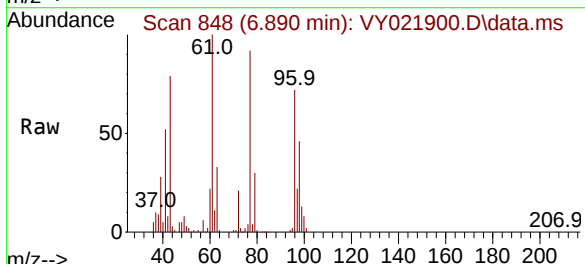
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

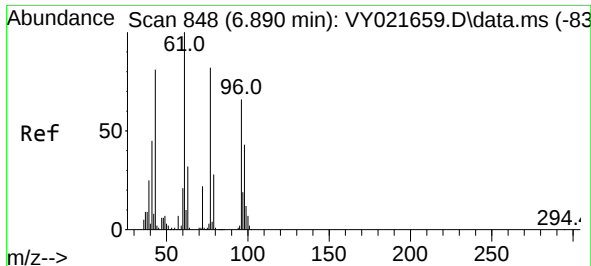
Tgt Ion: 43 Resp: 159374
Ion Ratio Lower Upper
43 100
72 28.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 48.651 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 77 Resp: 200573
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 49.175 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

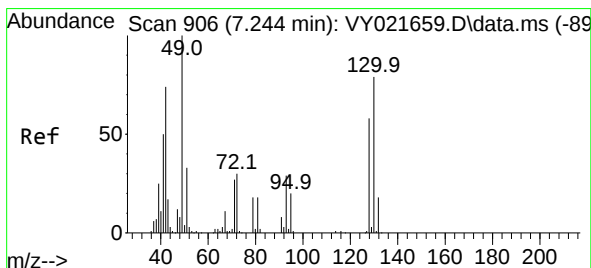
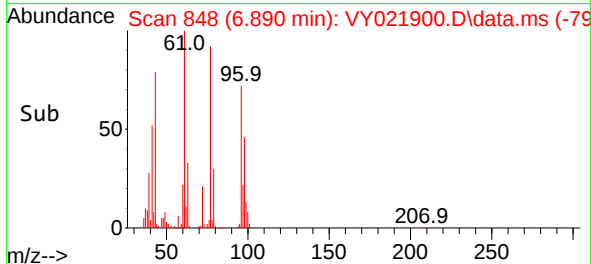
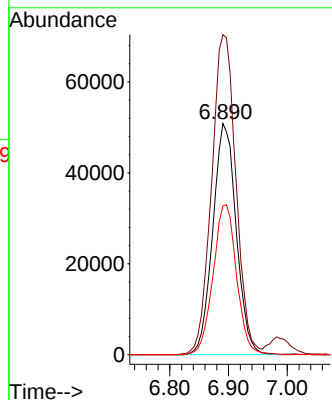
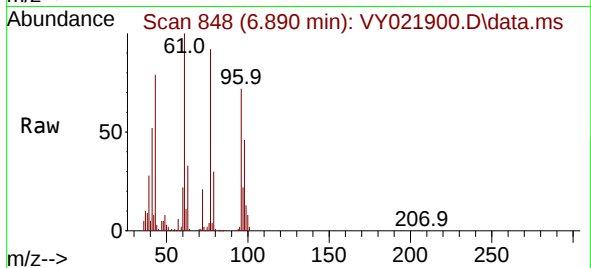
Tgt Ion: 96 Resp: 141104

Ion Ratio Lower Upper

96 100

61 143.6 0.0 296.4

98 64.8 0.0 128.0



#28

Bromochloromethane

Concen: 47.649 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

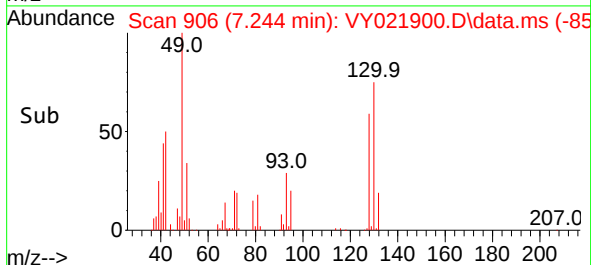
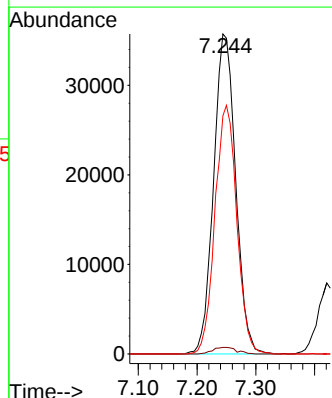
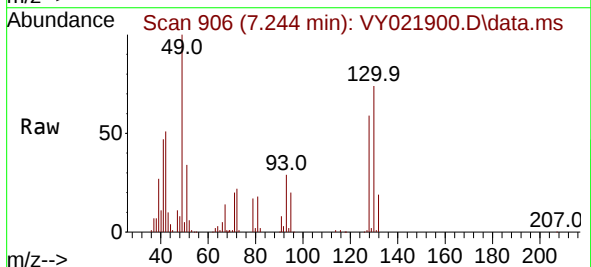
Tgt Ion: 49 Resp: 93136

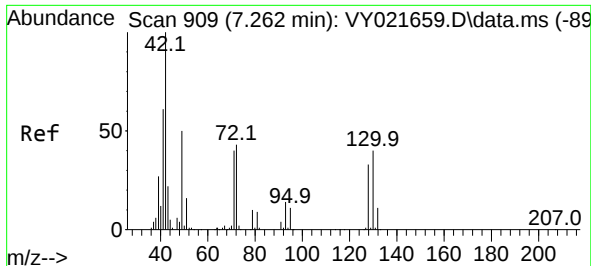
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 76.9 60.1 90.1





#29

Tetrahydrofuran

Concen: 225.501 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

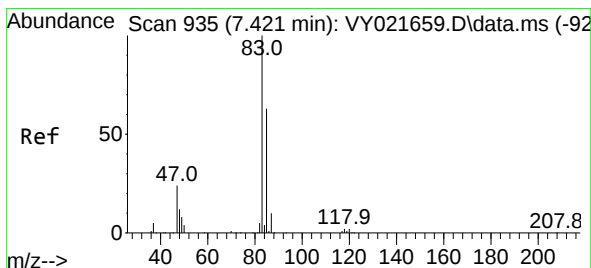
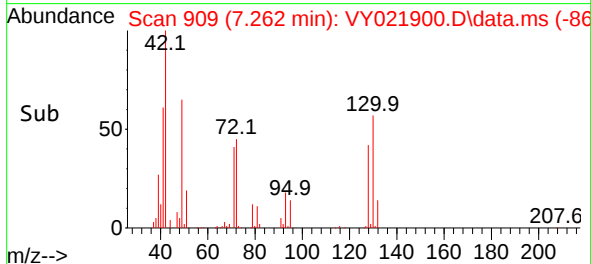
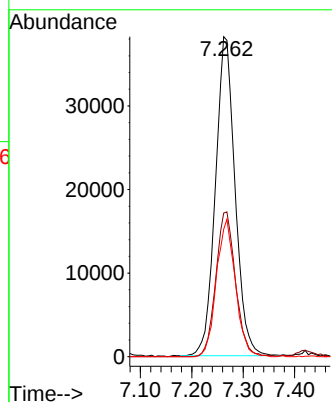
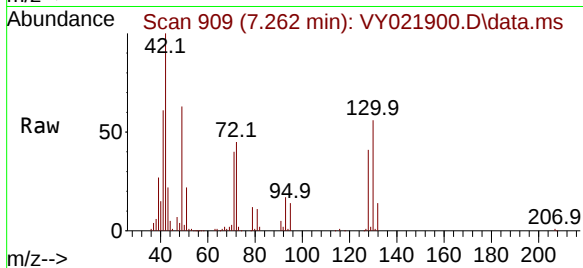
Tgt Ion: 42 Resp: 101555

Ion Ratio Lower Upper

42 100

72 45.5 34.6 52.0

71 41.6 32.5 48.7



#30

Chloroform

Concen: 48.355 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021900.D

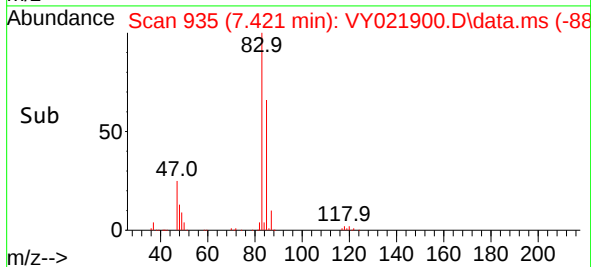
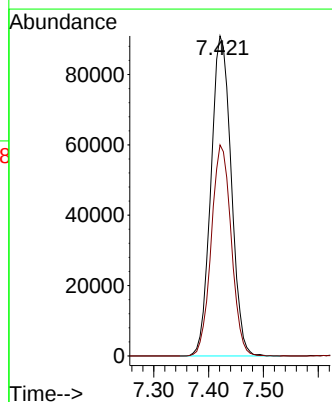
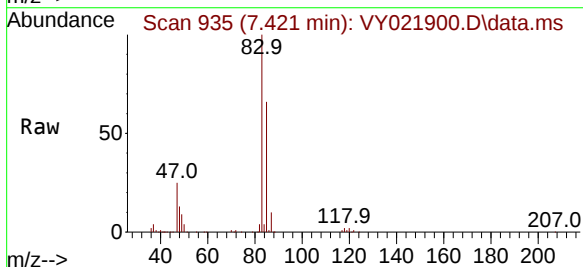
Acq: 17 Apr 2025 09:00

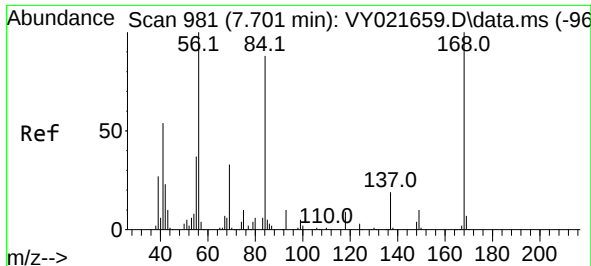
Tgt Ion: 83 Resp: 233099

Ion Ratio Lower Upper

83 100

85 65.9 50.6 75.8

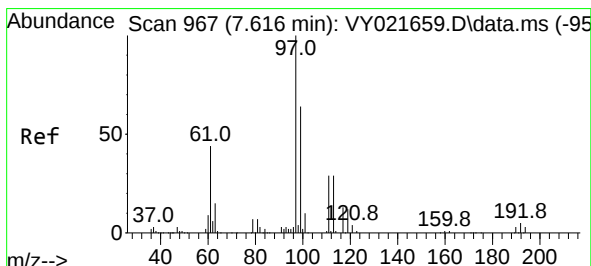
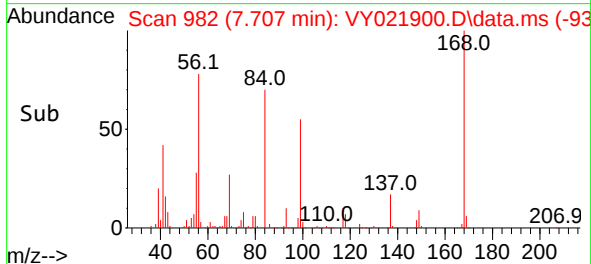
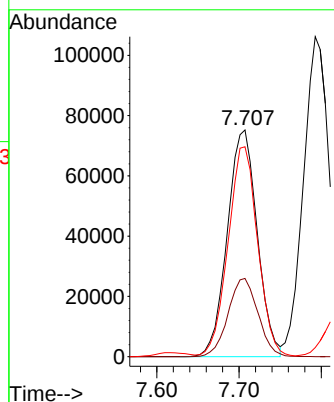
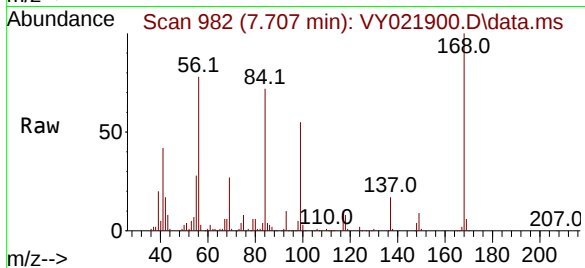




#31
Cyclohexane
Concen: 45.079 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

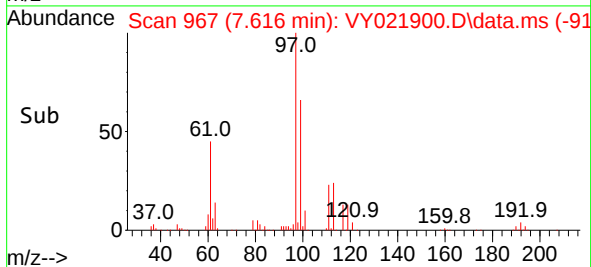
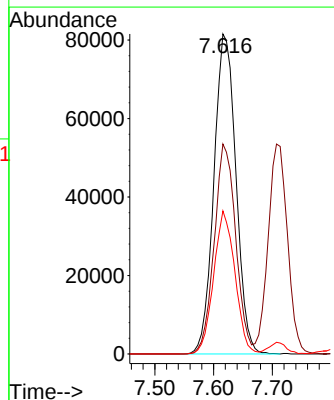
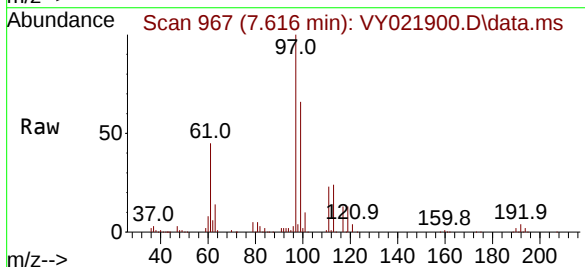
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

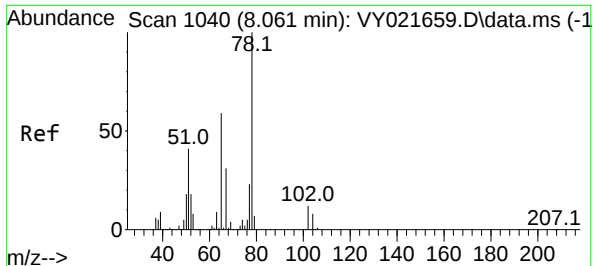
Tgt Ion: 56 Resp: 190456
Ion Ratio Lower Upper
56 100
69 34.5 26.6 40.0
84 91.1 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 48.778 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 97 Resp: 212523
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.141 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

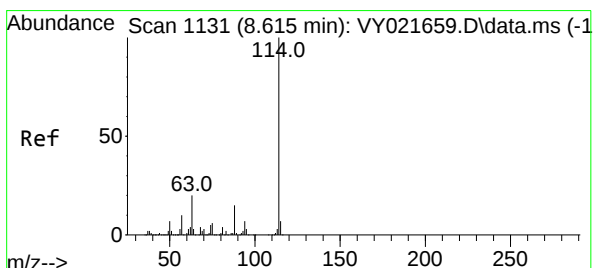
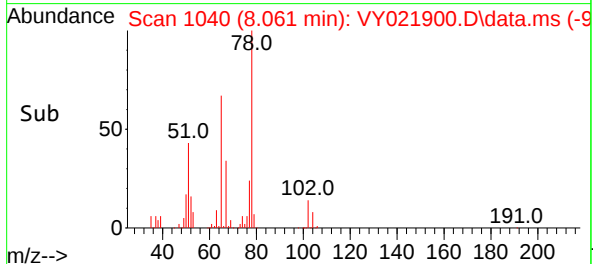
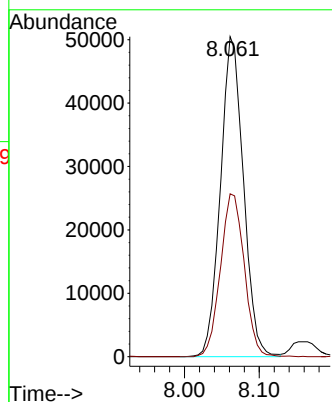
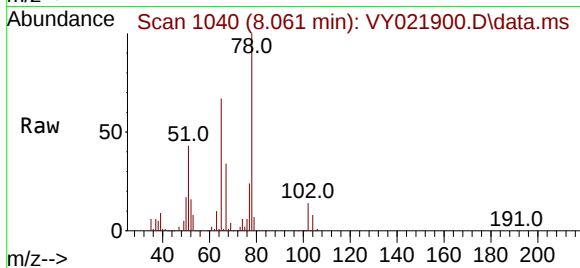
VSTDCCC050

Tgt Ion: 65 Resp: 108058

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

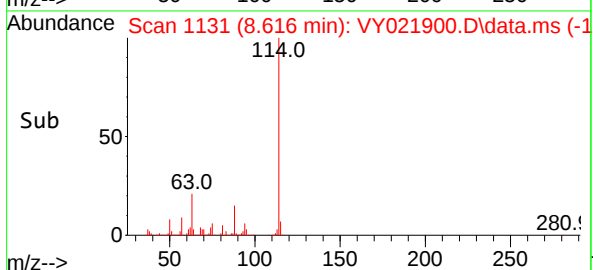
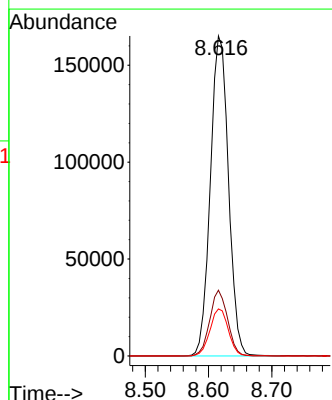
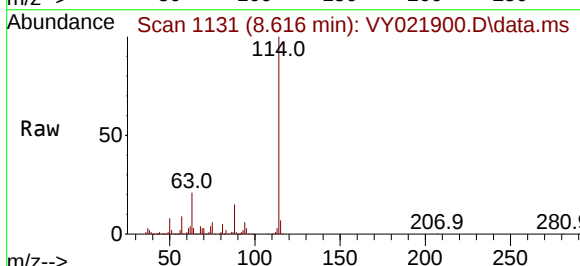
Tgt Ion: 114 Resp: 328284

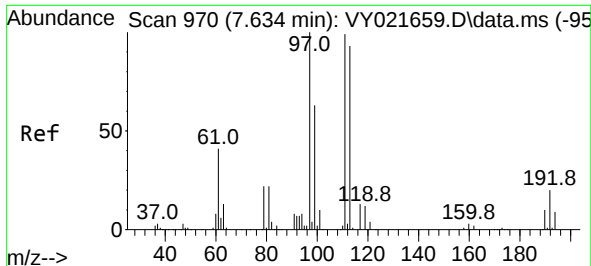
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 14.7 0.0 29.8

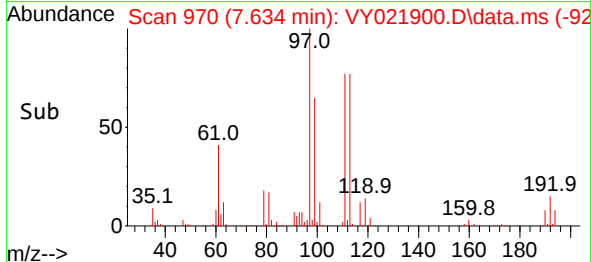
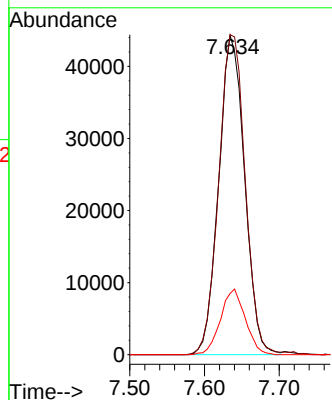
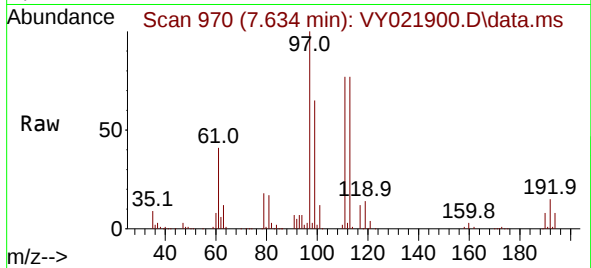




#35
 Dibromofluoromethane
 Concen: 50.068 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

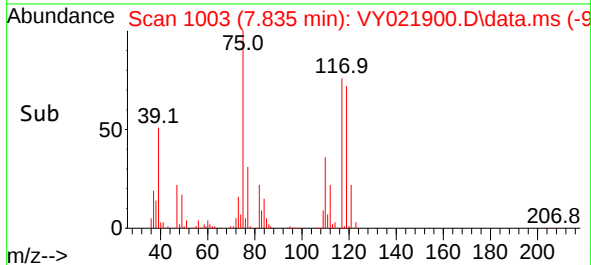
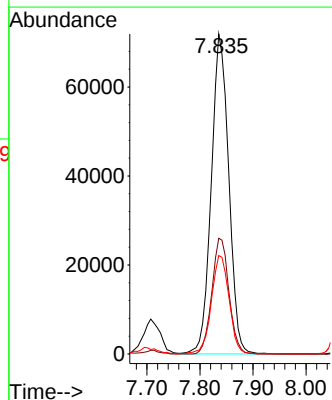
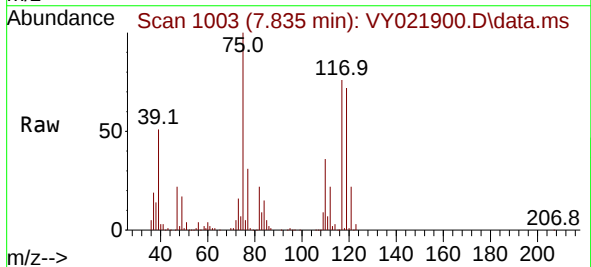
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

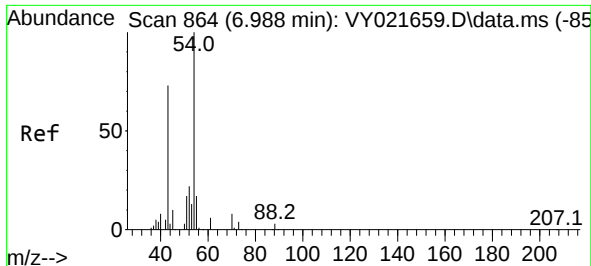
Tgt Ion:113 Resp: 106621
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 123.8
 192 19.7 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 50.739 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

Tgt Ion: 75 Resp: 164576
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.0 50.9
 77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 47.241 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

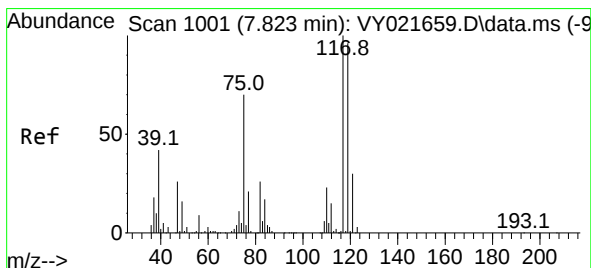
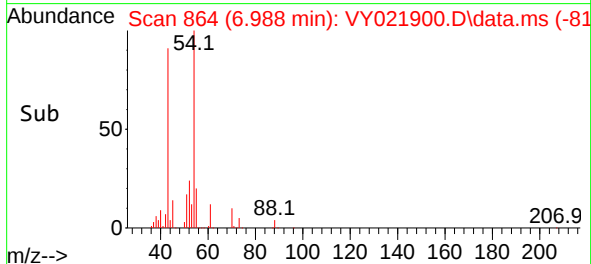
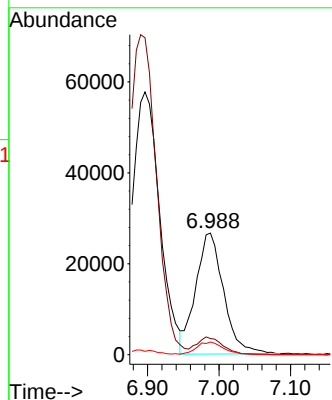
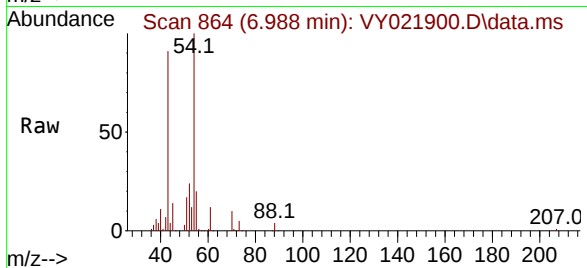
Tgt Ion: 43 Resp: 72317

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 52.469 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

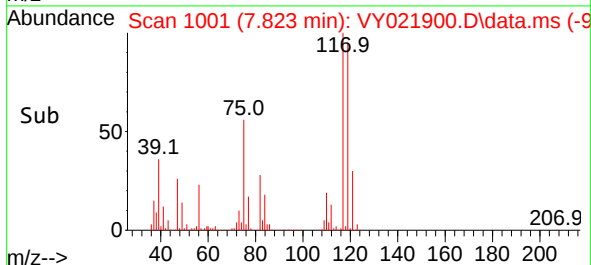
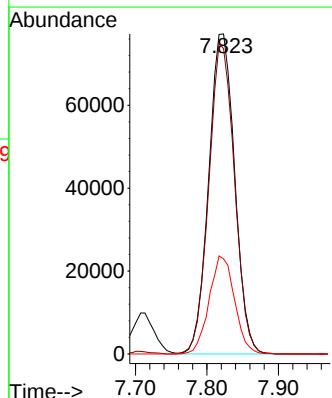
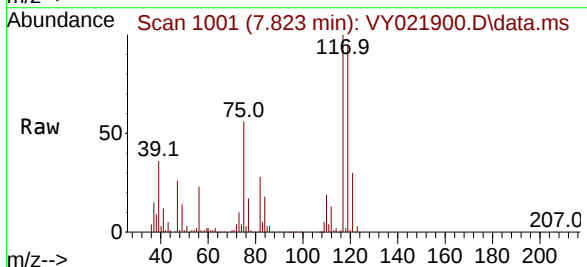
Tgt Ion: 117 Resp: 194922

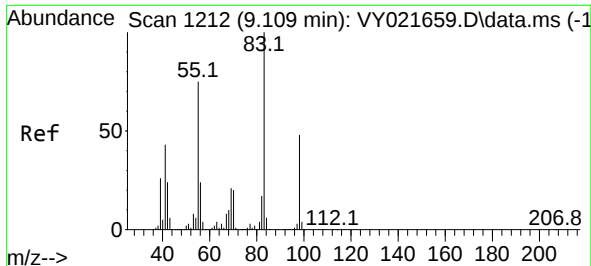
Ion Ratio Lower Upper

117 100

119 95.5 76.2 114.4

121 29.7 24.2 36.4

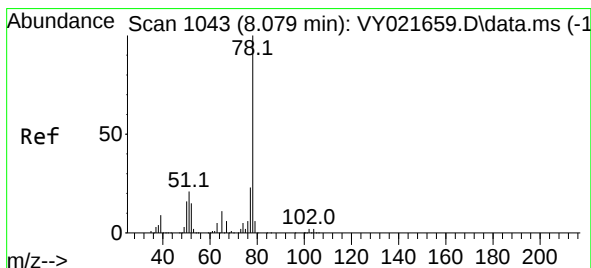
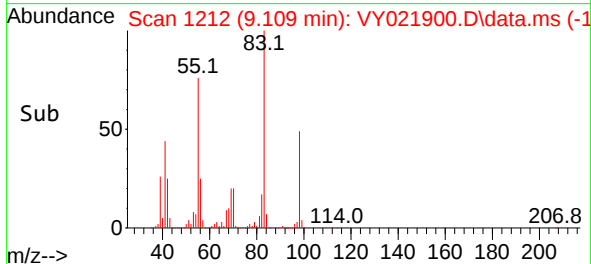
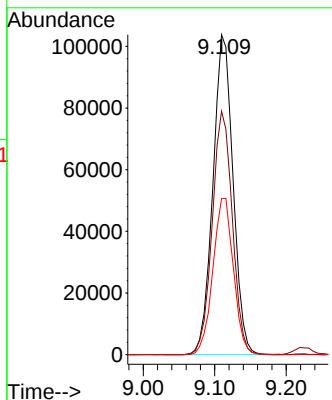
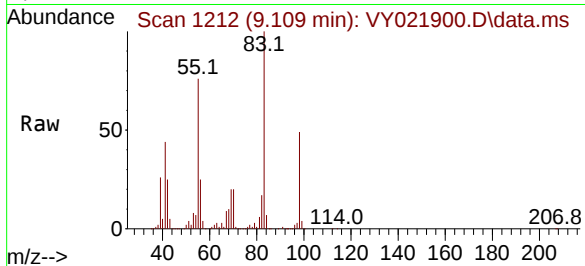




#39
Methylcyclohexane
Concen: 52.292 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

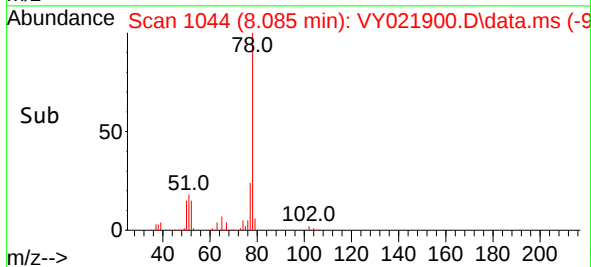
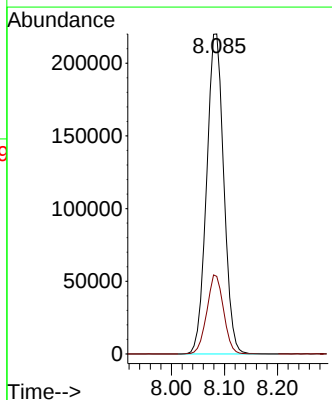
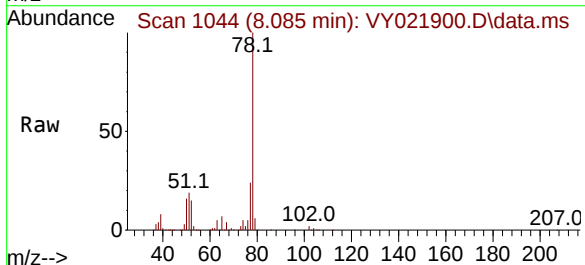
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

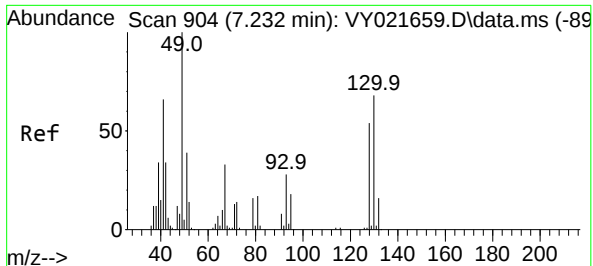
Tgt Ion: 83 Resp: 202624
Ion Ratio Lower Upper
83 100
55 76.1 59.7 89.5
98 48.8 38.3 57.5



#40
Benzene
Concen: 50.964 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 78 Resp: 495050
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

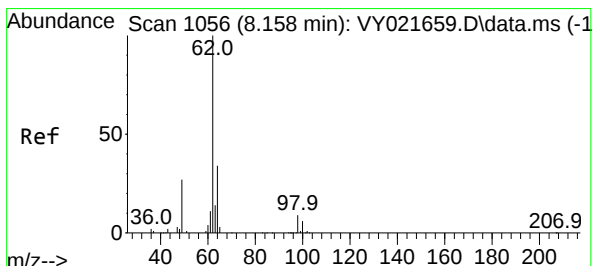
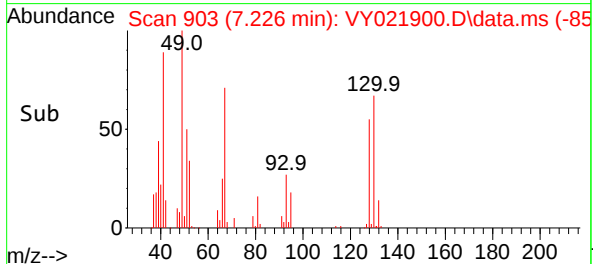
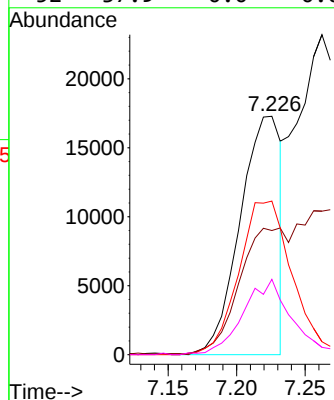
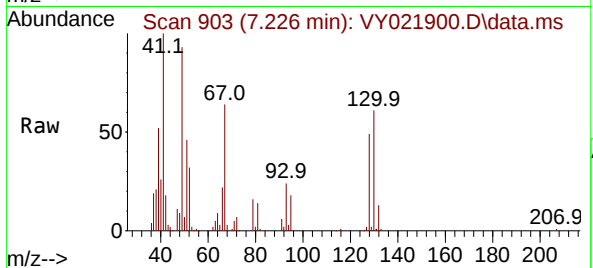




#41
Methacrylonitrile
Concen: 44.155 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

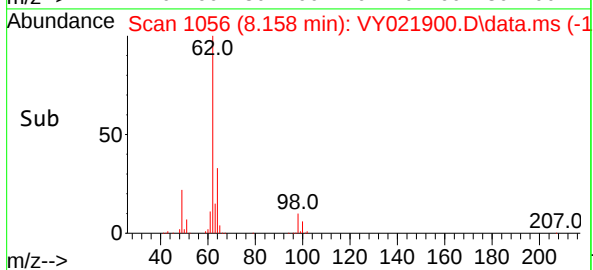
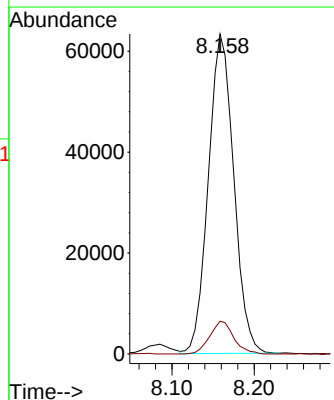
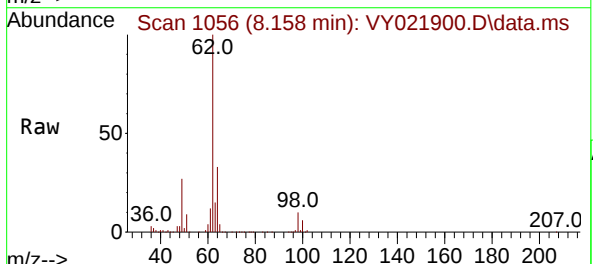
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

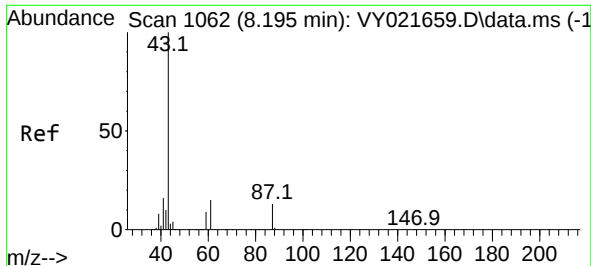
Tgt Ion:	41	Resp:	35896
Ion	Ratio	Lower	Upper
41	100		
39	62.5	0.0	0.0#
67	84.8	0.0	0.0#
52	37.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.666 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion:	62	Resp:	136009
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4

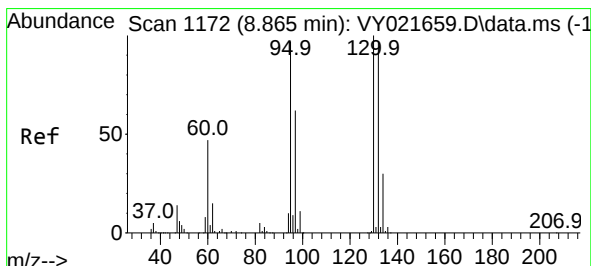
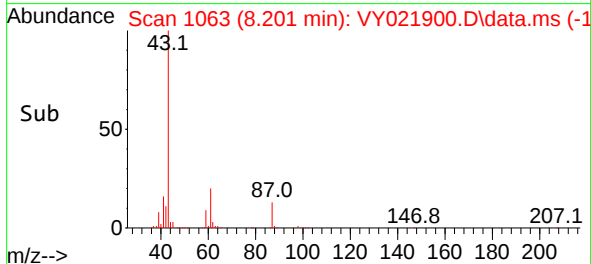
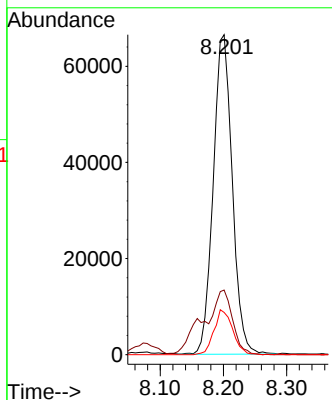
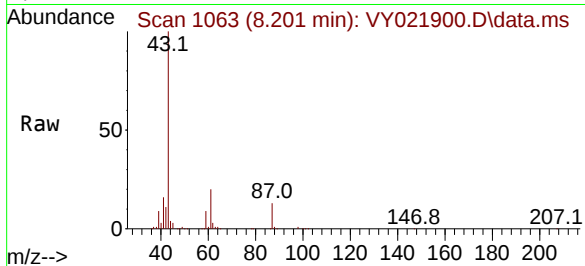




#43
Isopropyl Acetate
Concen: 47.841 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

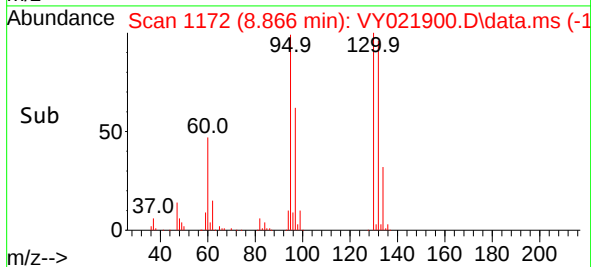
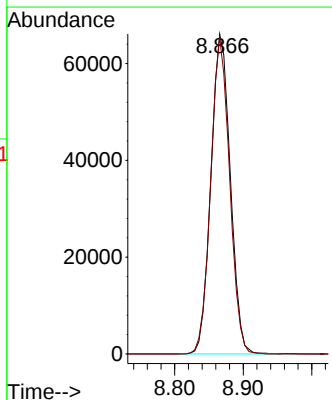
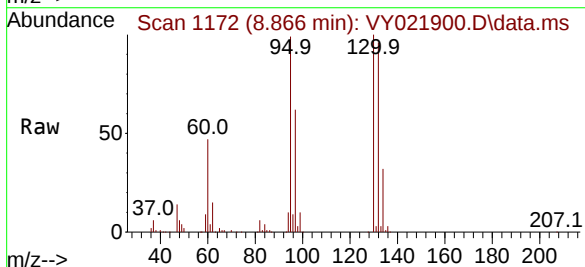
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

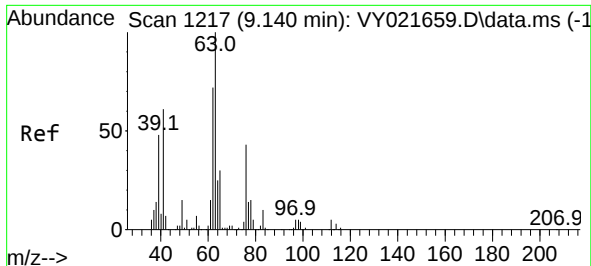
Tgt Ion: 43 Resp: 138784
Ion Ratio Lower Upper
43 100
61 19.5 15.9 23.9
87 13.8 10.4 15.6



#44
Trichloroethene
Concen: 52.456 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion:130 Resp: 129829
Ion Ratio Lower Upper
130 100
95 99.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 51.162 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

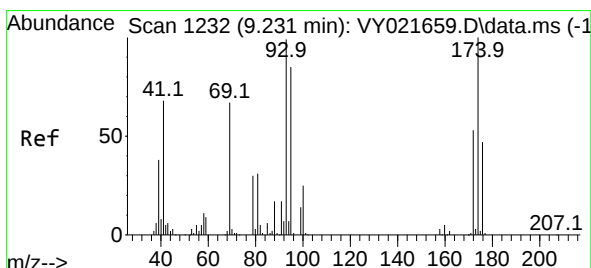
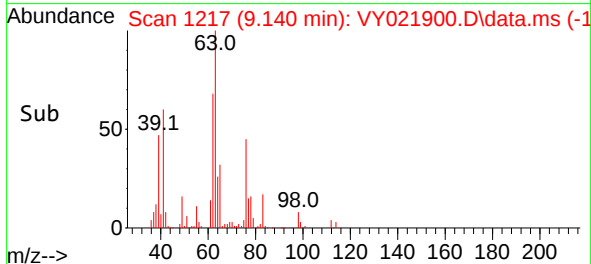
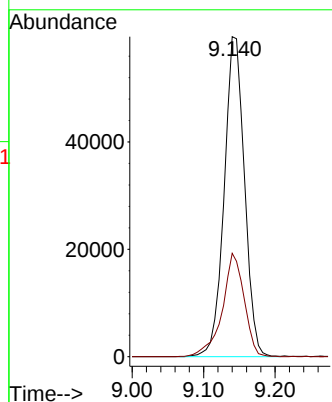
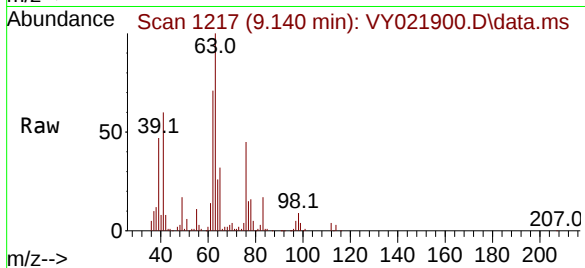
VSTDCCC050

Tgt Ion: 63 Resp: 117638

Ion Ratio Lower Upper

63 100

65 32.3 24.4 36.6



#46

Dibromomethane

Concen: 51.013 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

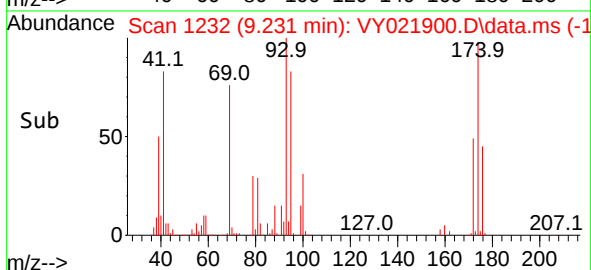
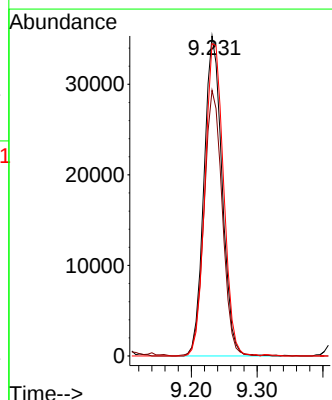
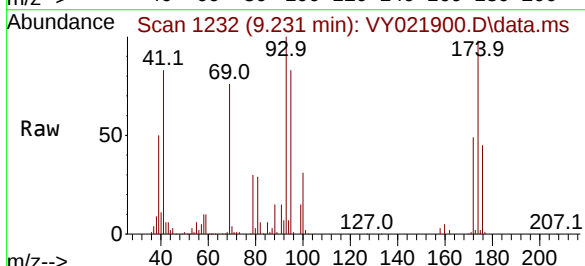
Tgt Ion: 93 Resp: 67600

Ion Ratio Lower Upper

93 100

95 83.6 68.1 102.1

174 100.3 80.9 121.3

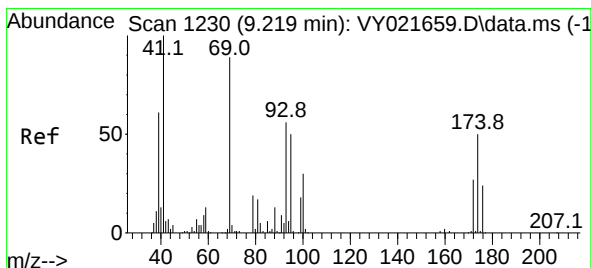
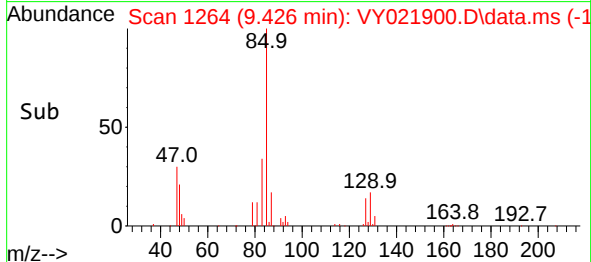
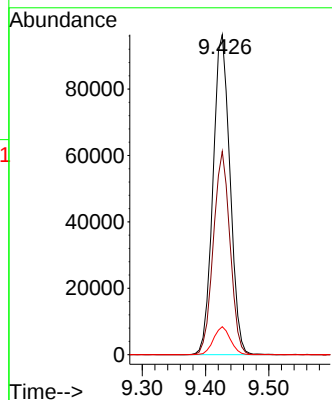
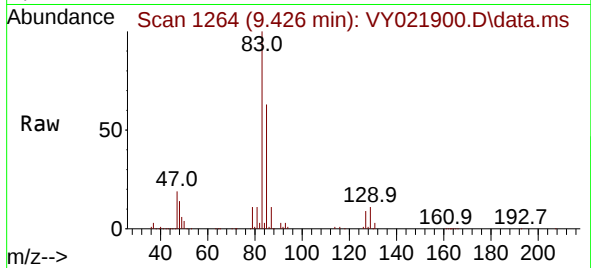




#47
Bromodichloromethane
Concen: 52.276 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

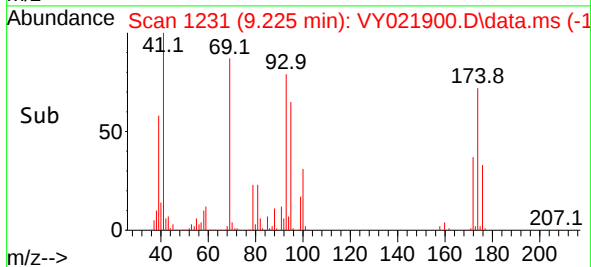
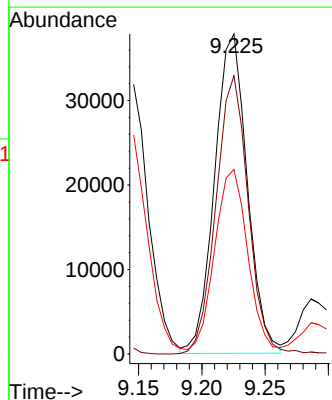
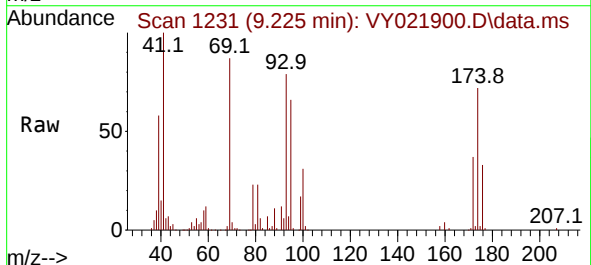
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 179500
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 51.114 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 41 Resp: 68054
Ion Ratio Lower Upper
41 100
69 86.0 69.8 104.8
39 56.3 47.2 70.8





#49

1,4-Dioxane

Concen: 939.369 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

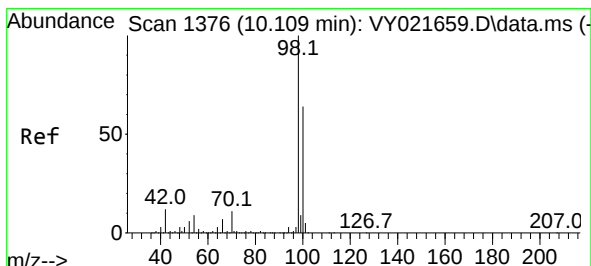
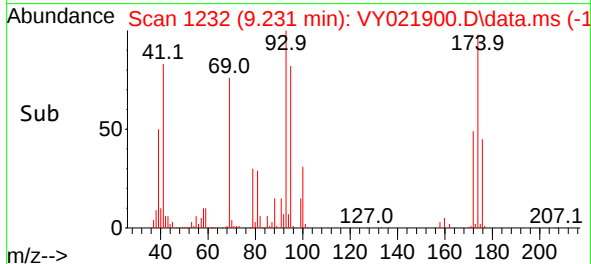
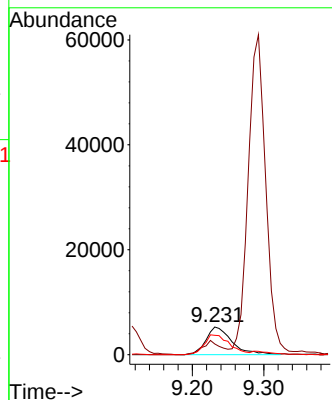
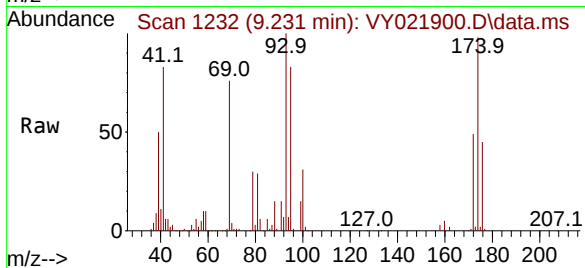
Tgt Ion: 88 Resp: 13335

Ion Ratio Lower Upper

88 100

43 35.2 28.8 43.2

58 69.8 59.4 89.2



#50

Toluene-d8

Concen: 49.883 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021900.D

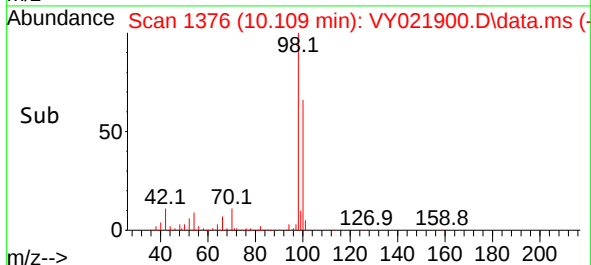
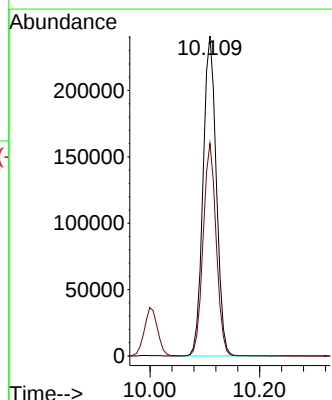
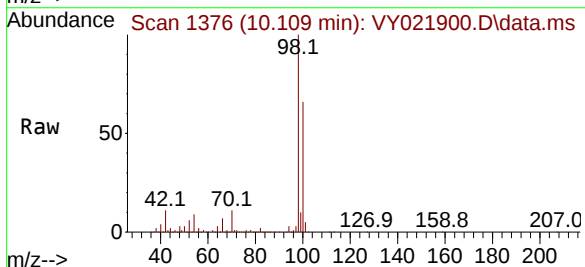
Acq: 17 Apr 2025 09:00

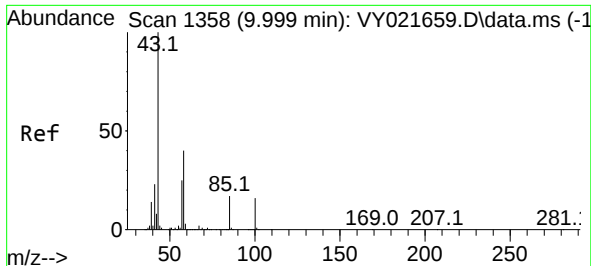
Tgt Ion: 98 Resp: 404117

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 253.312 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

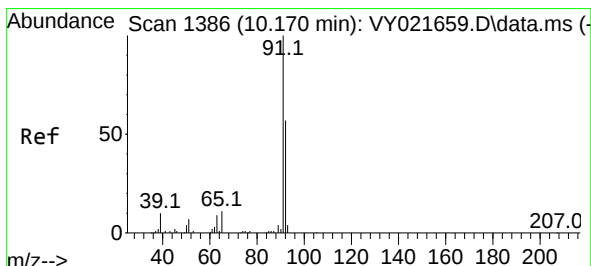
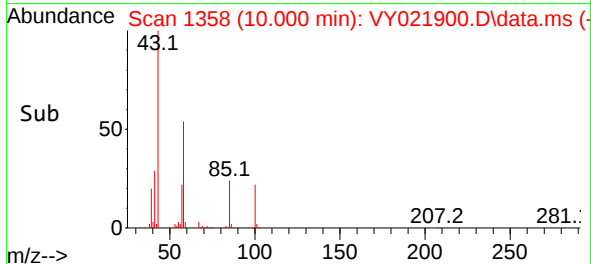
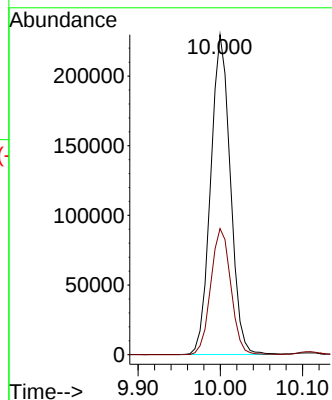
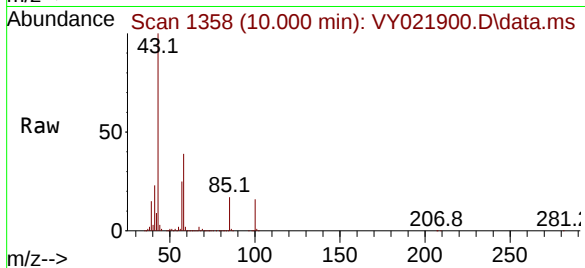
VSTDCCC050

Tgt Ion: 43 Resp: 382413

Ion Ratio Lower Upper

43 100

58 40.1 31.5 47.3



#52

Toluene

Concen: 53.175 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021900.D

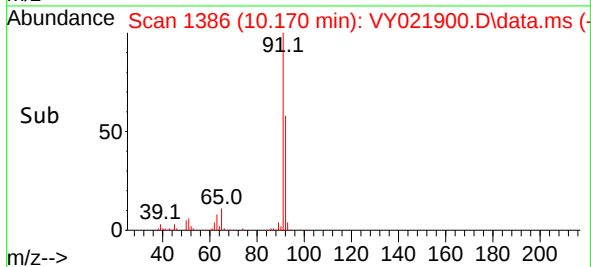
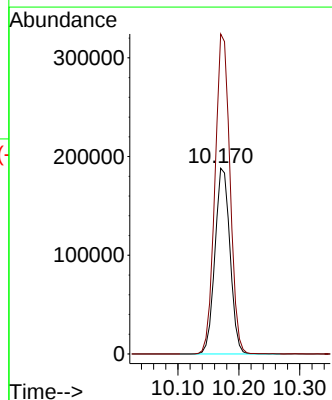
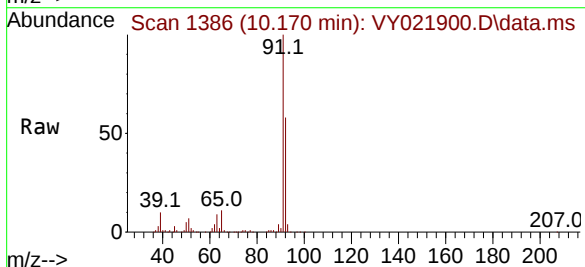
Acq: 17 Apr 2025 09:00

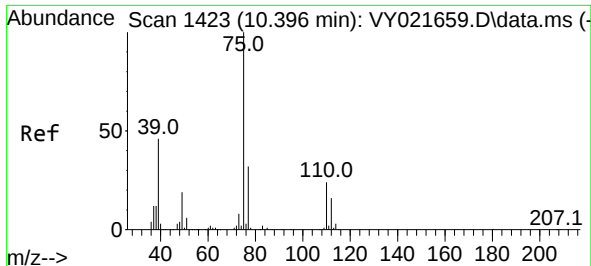
Tgt Ion: 92 Resp: 322269

Ion Ratio Lower Upper

92 100

91 172.0 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 51.463 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

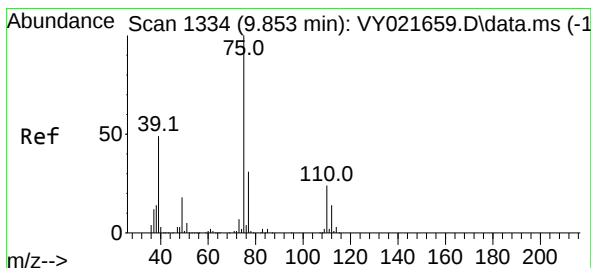
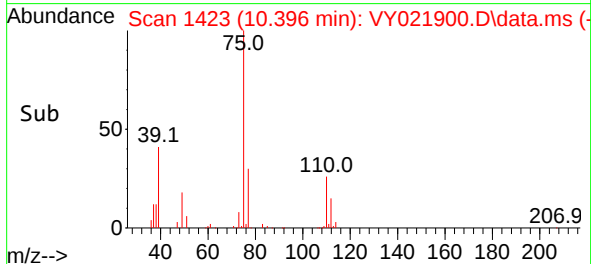
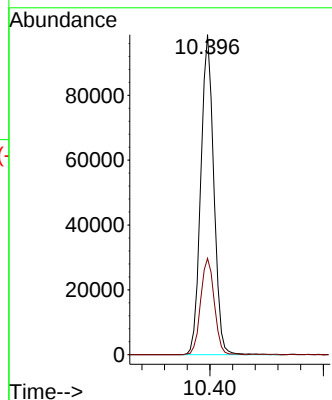
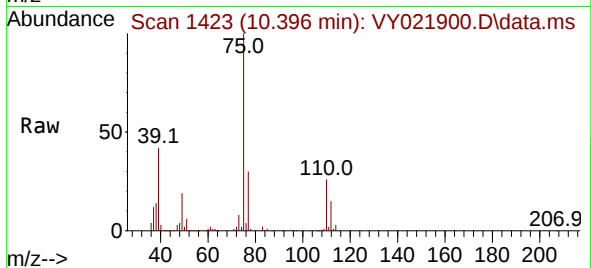
VSTDCCC050

Tgt Ion: 75 Resp: 156955

Ion Ratio Lower Upper

75 100

77 30.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.045 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

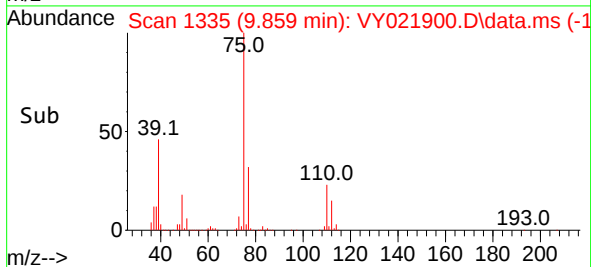
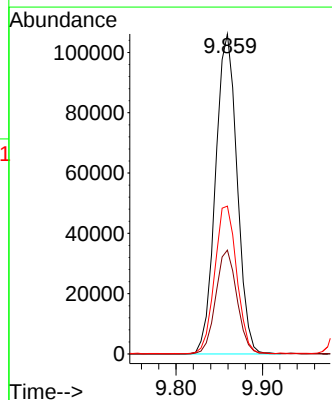
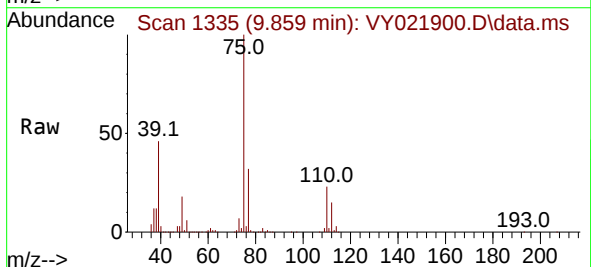
Tgt Ion: 75 Resp: 183660

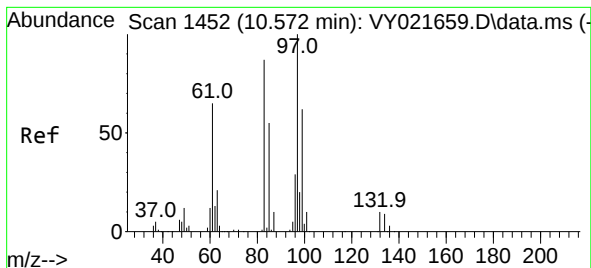
Ion Ratio Lower Upper

75 100

77 32.5 24.9 37.3

39 46.1 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 52.493 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 89516

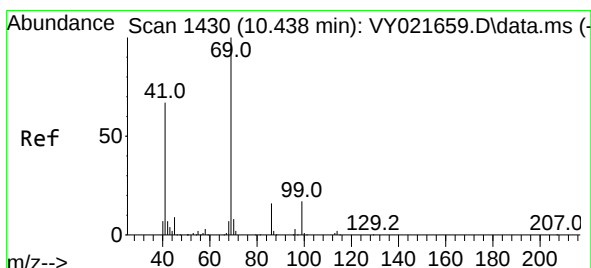
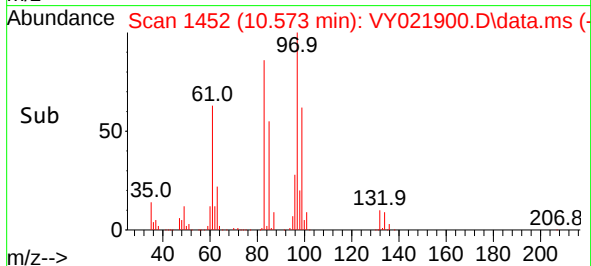
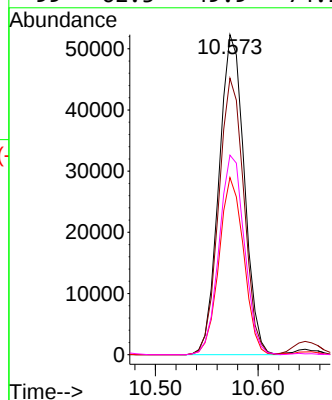
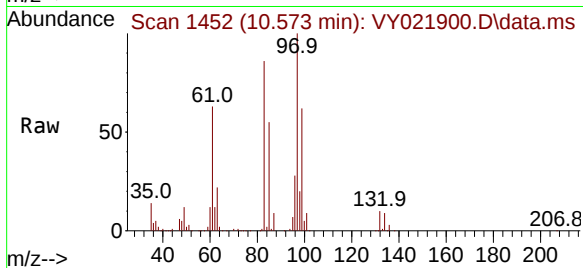
Ion Ratio Lower Upper

97 100

83 86.4 69.5 104.3

85 55.4 43.9 65.9

99 62.3 49.9 74.9



#56

Ethyl methacrylate

Concen: 54.232 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

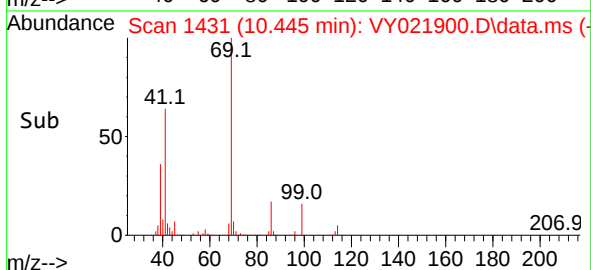
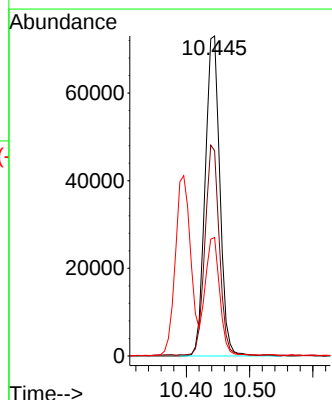
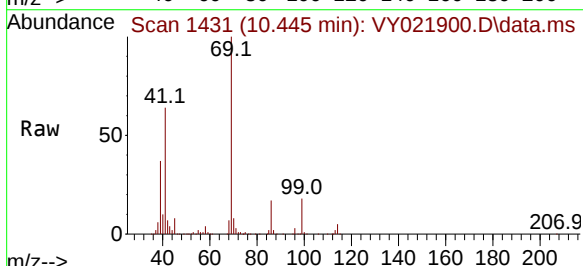
Tgt Ion: 69 Resp: 118089

Ion Ratio Lower Upper

69 100

41 64.0 53.8 80.6

39 36.0 29.6 44.4





#57

1,3-Dichloropropane

Concen: 51.599 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

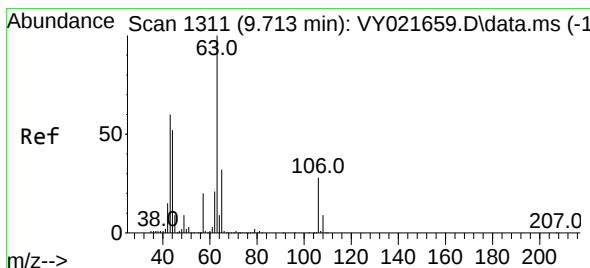
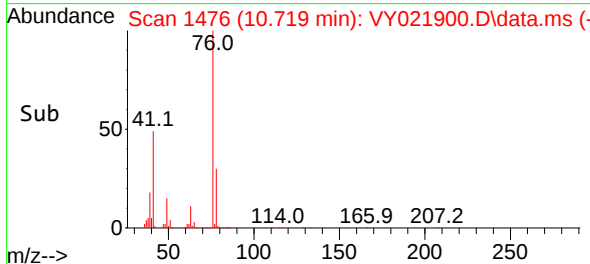
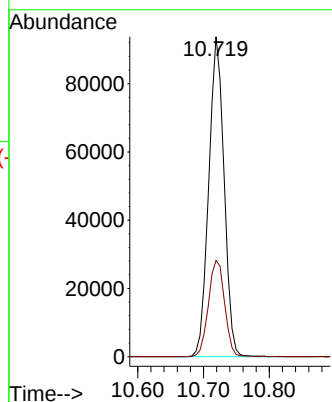
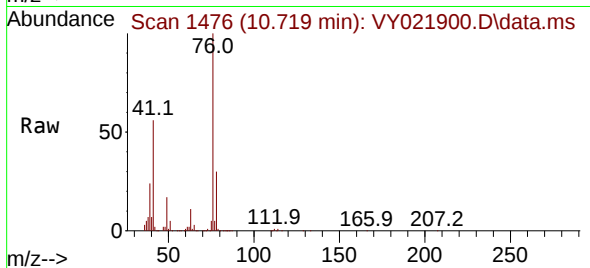
VSTDCCC050

Tgt Ion: 76 Resp: 151966

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 285.843 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021900.D

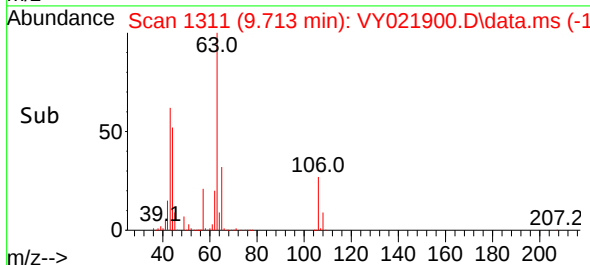
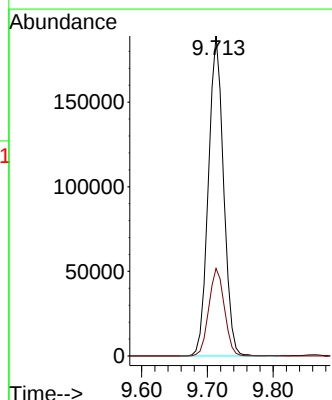
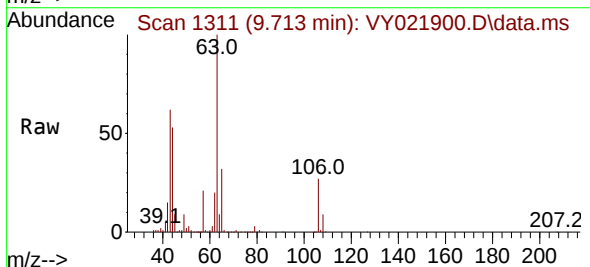
Acq: 17 Apr 2025 09:00

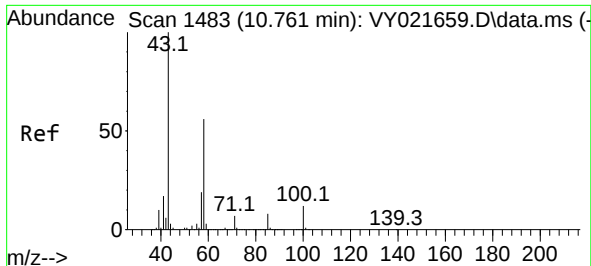
Tgt Ion: 63 Resp: 303636

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6





#59

2-Hexanone

Concen: 256.056 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

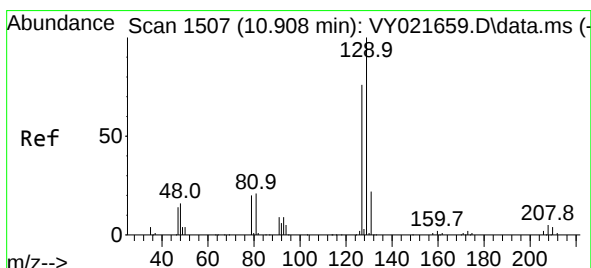
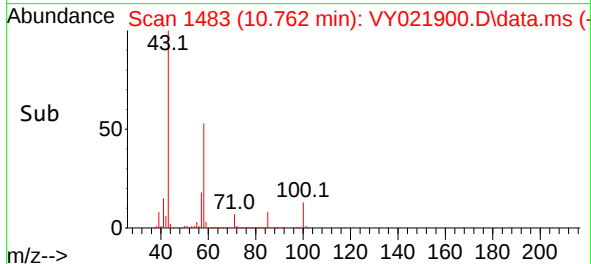
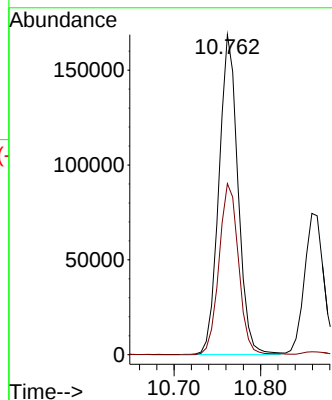
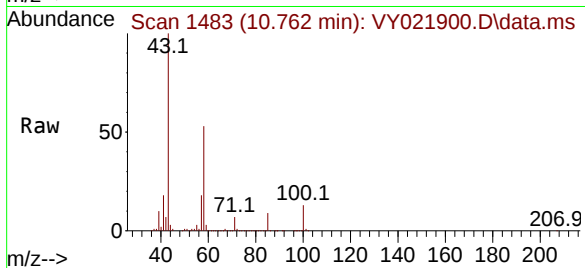
VSTDCCC050

Tgt Ion: 43 Resp: 257440

Ion Ratio Lower Upper

43 100

58 54.8 27.2 81.5



#60

Dibromochloromethane

Concen: 53.196 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021900.D

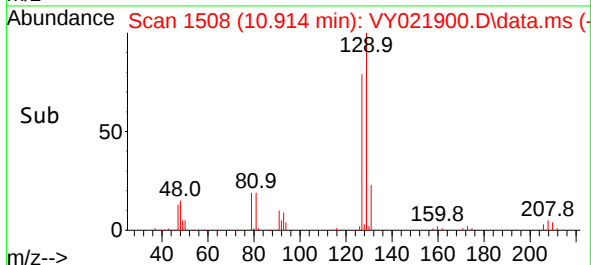
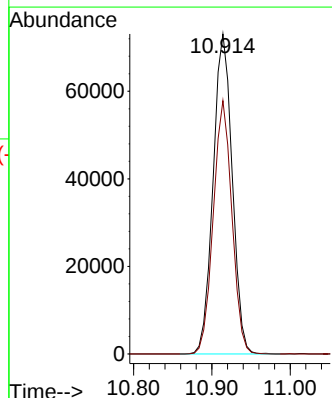
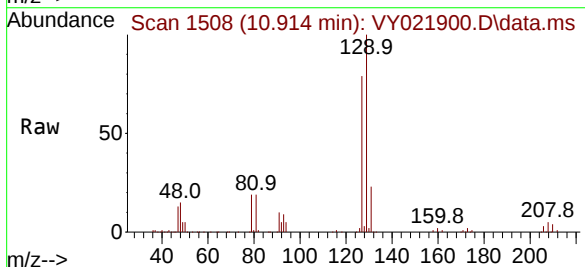
Acq: 17 Apr 2025 09:00

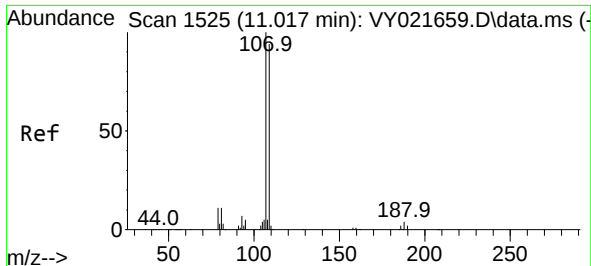
Tgt Ion:129 Resp: 123855

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.7

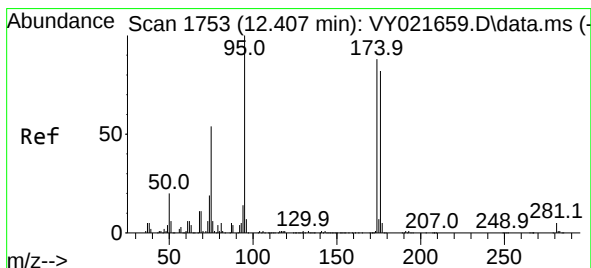
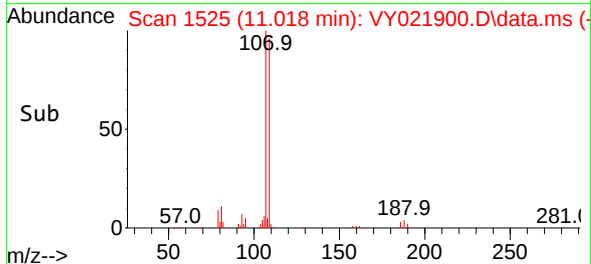
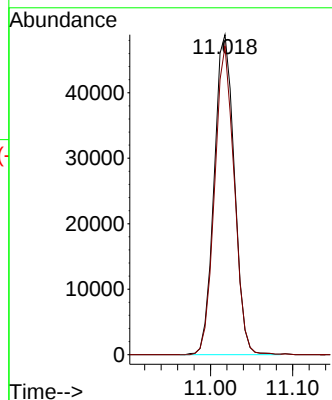
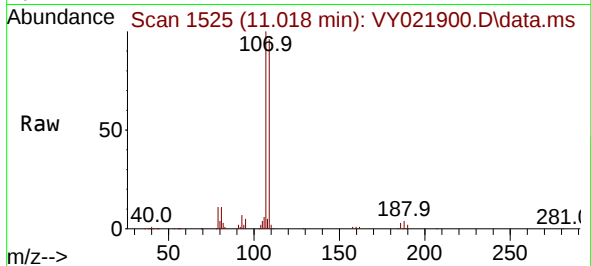




#61
1,2-Dibromoethane
Concen: 52.119 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

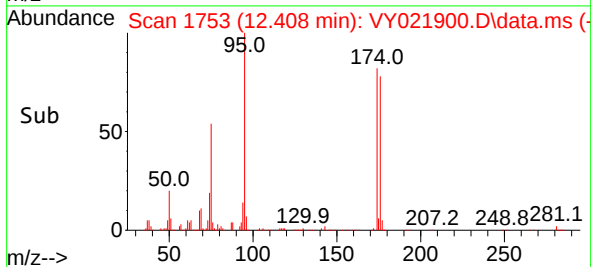
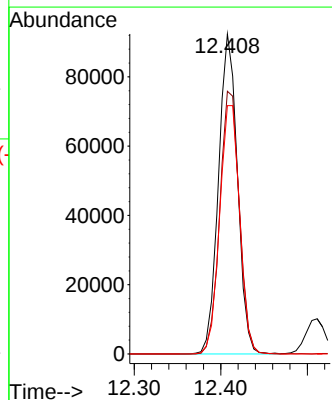
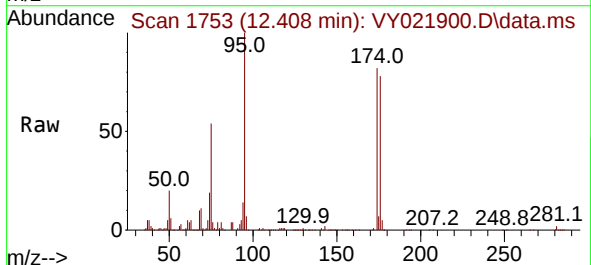
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

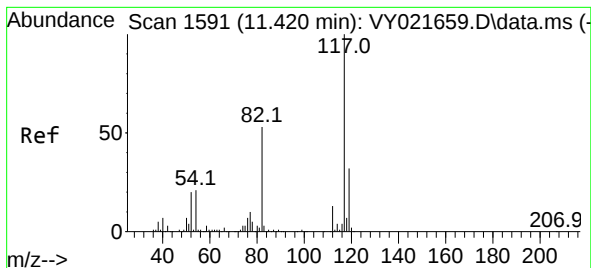
Tgt Ion:107 Resp: 83375
Ion Ratio Lower Upper
107 100
109 93.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.253 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 95 Resp: 140447
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.8
176 81.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

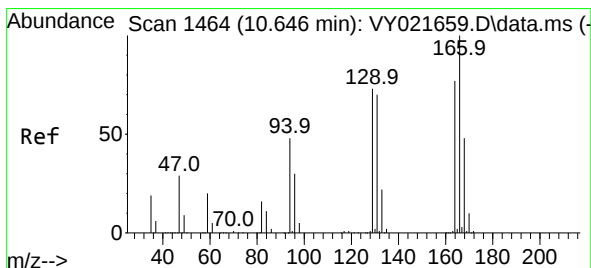
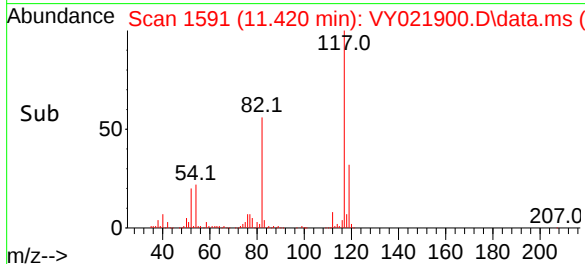
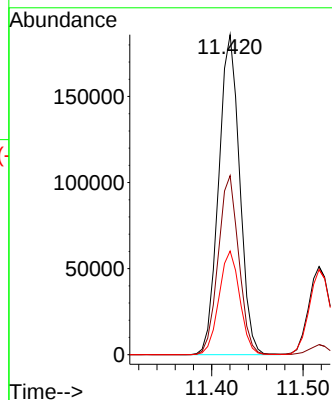
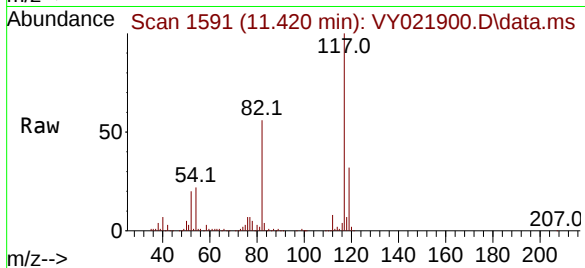
Tgt Ion:117 Resp: 296396

Ion Ratio Lower Upper

117 100

82 55.9 42.8 64.2

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 55.745 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Tgt Ion:164 Resp: 150484

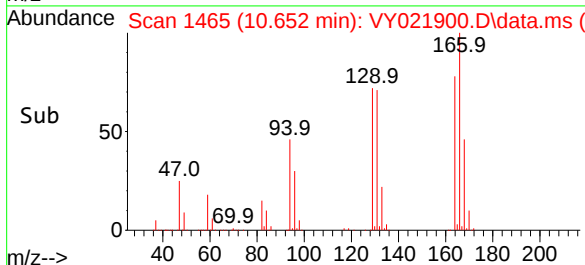
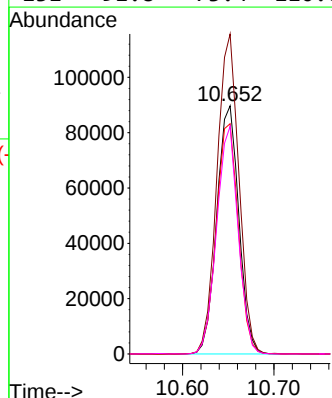
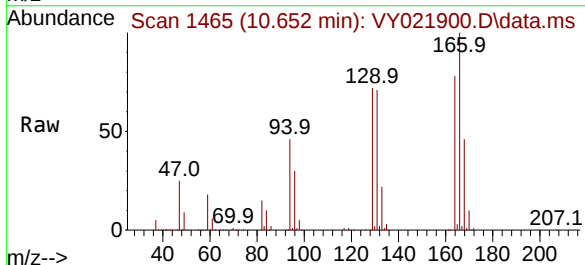
Ion Ratio Lower Upper

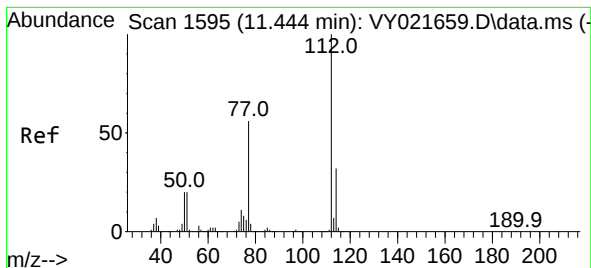
164 100

166 128.9 104.6 156.8

129 92.8 76.6 114.8

131 91.8 73.4 110.0





#65

Chlorobenzene

Concen: 51.460 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

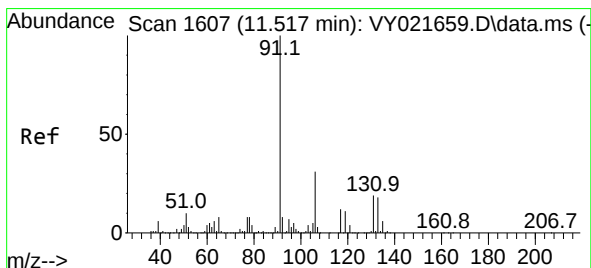
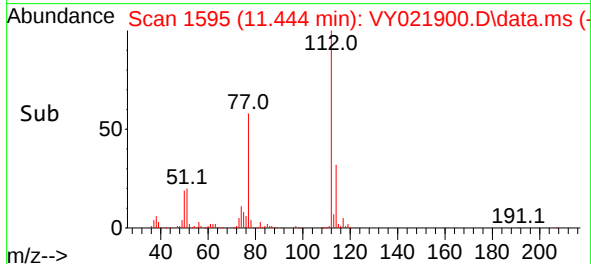
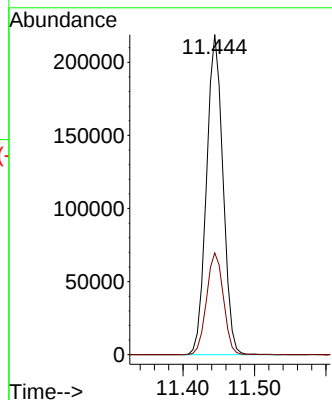
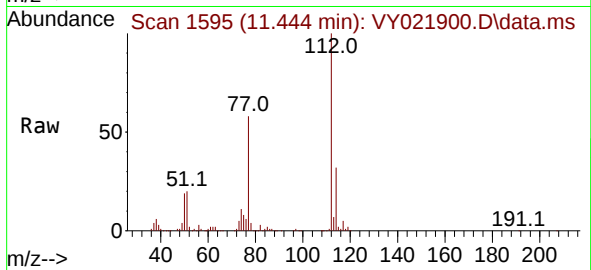
VSTDCCC050

Tgt Ion:112 Resp: 349641

Ion Ratio Lower Upper

112 100

114 31.8 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 52.630 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

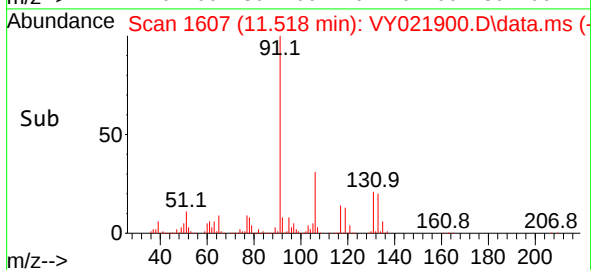
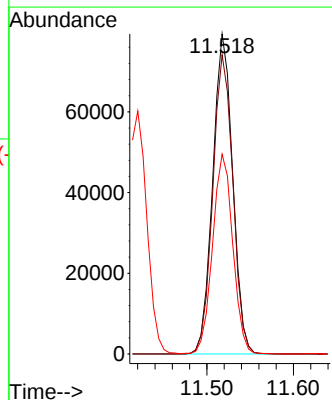
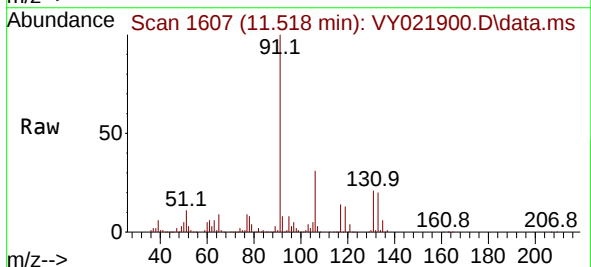
Tgt Ion:131 Resp: 126871

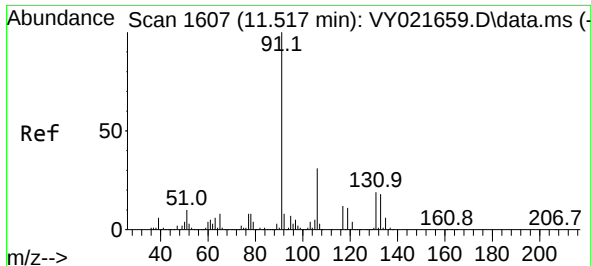
Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.8

119 63.3 31.6 95.0





#67

Ethyl Benzene

Concen: 53.046 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

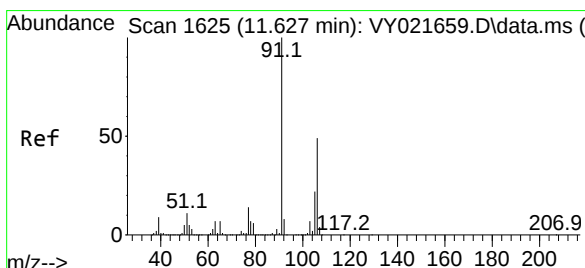
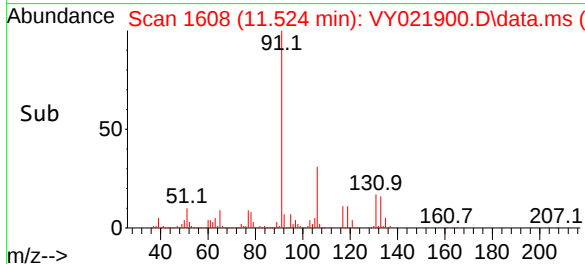
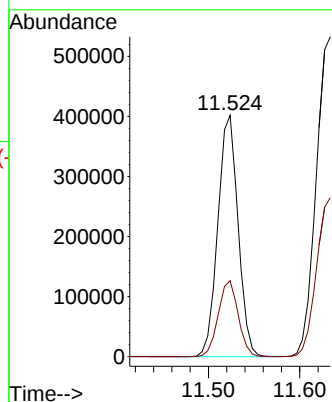
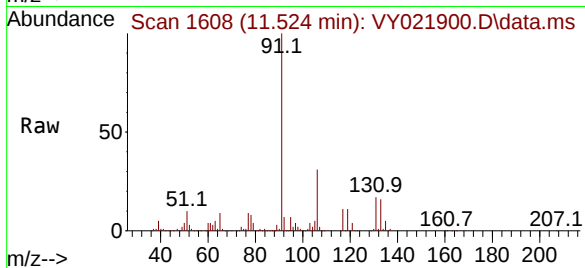
VSTDCCC050

Tgt Ion: 91 Resp: 618037

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 106.547 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021900.D

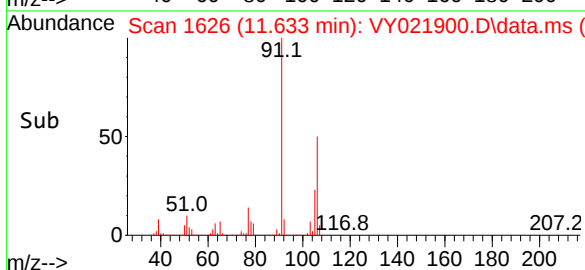
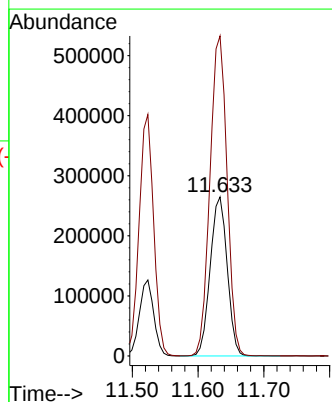
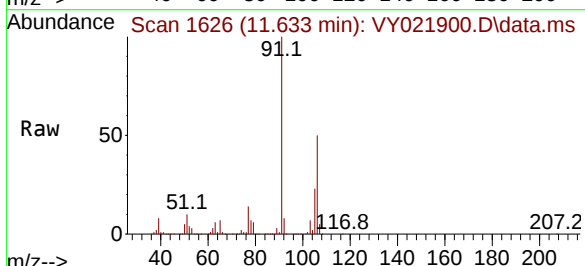
Acq: 17 Apr 2025 09:00

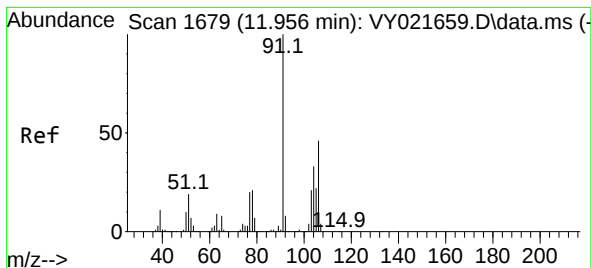
Tgt Ion:106 Resp: 475353

Ion Ratio Lower Upper

106 100

91 202.4 162.4 243.6





#69

o-Xylene

Concen: 53.777 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

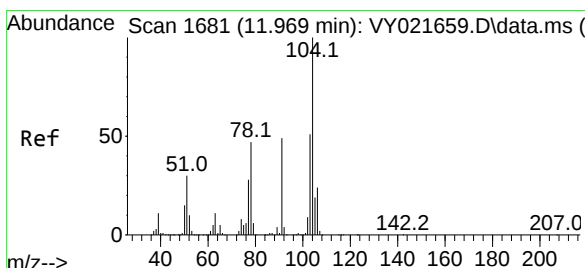
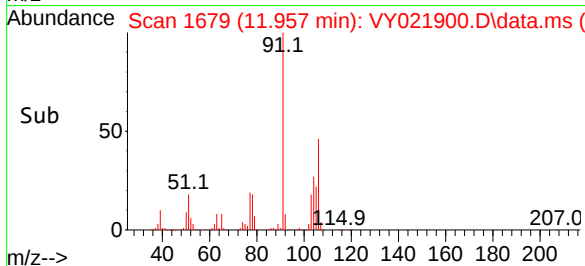
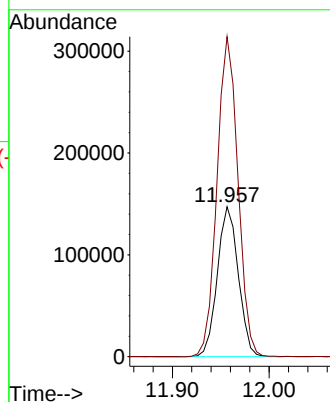
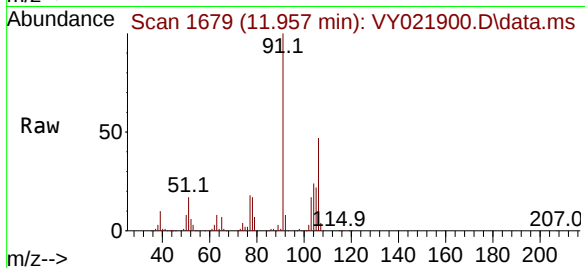
VSTDCCC050

Tgt Ion:106 Resp: 221469

Ion Ratio Lower Upper

106 100

91 213.5 106.7 319.9



#70

Styrene

Concen: 55.154 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

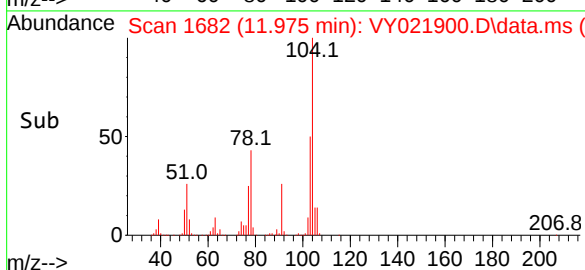
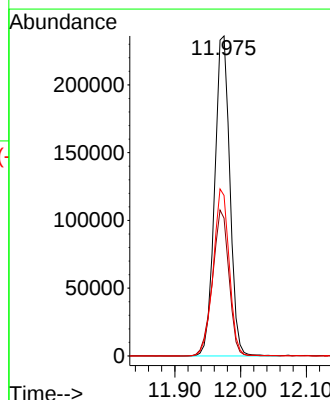
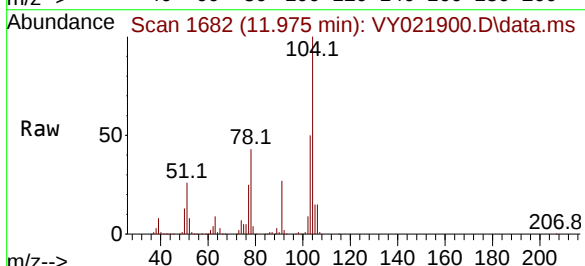
Tgt Ion:104 Resp: 378717

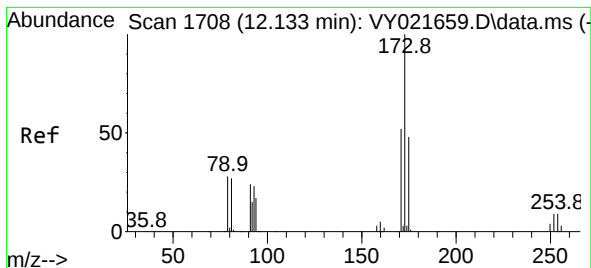
Ion Ratio Lower Upper

104 100

78 49.4 40.8 61.2

103 55.2 44.2 66.2





#71

Bromoform

Concen: 52.364 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

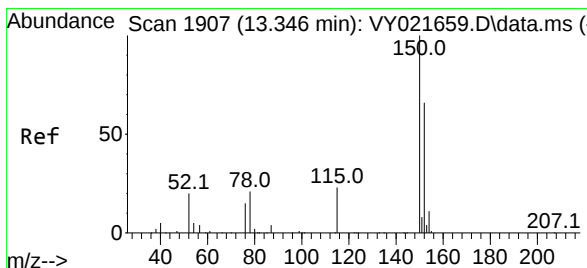
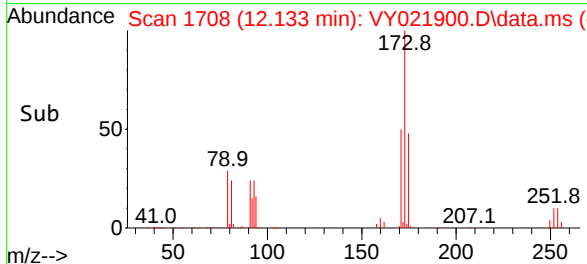
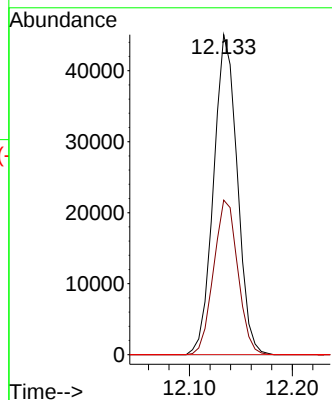
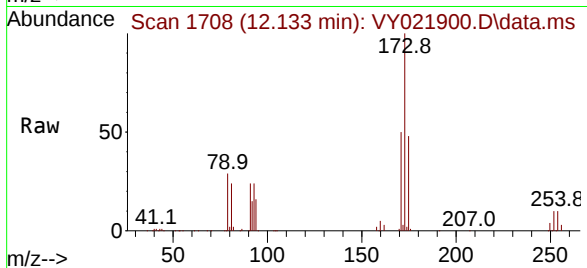
Tgt Ion:173 Resp: 72005

Ion Ratio Lower Upper

173 100

175 49.4 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

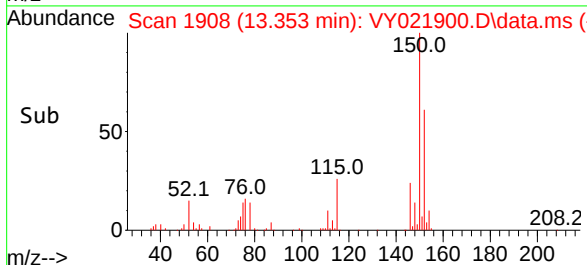
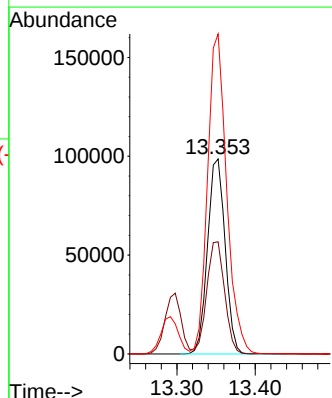
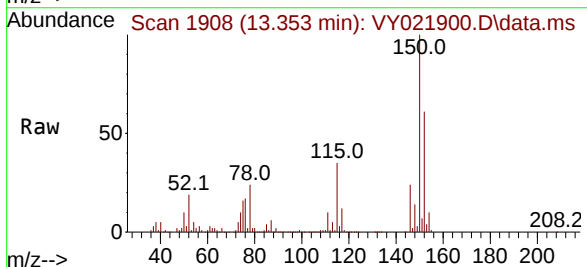
Tgt Ion:152 Resp: 153693

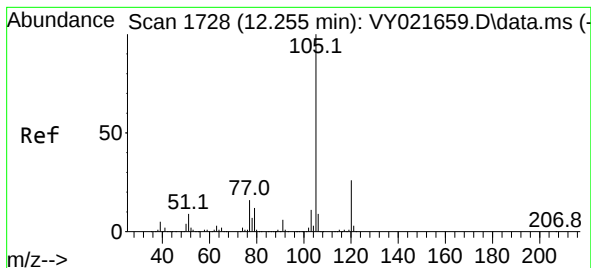
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 177.5 0.0 348.4





#73

Isopropylbenzene

Concen: 52.149 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

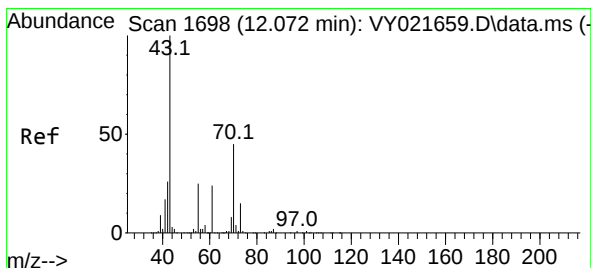
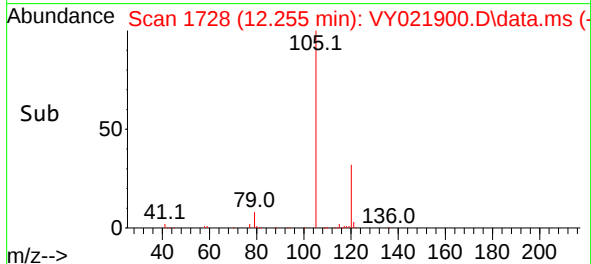
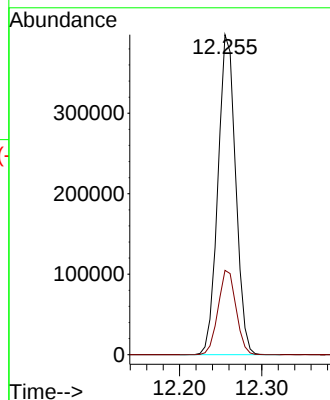
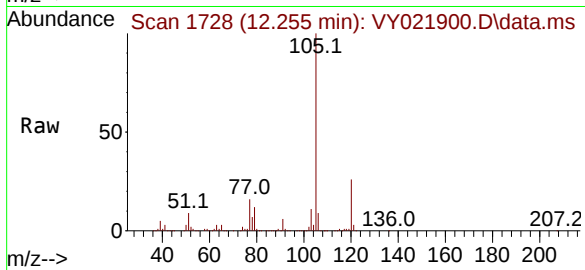
VSTDCCC050

Tgt Ion:105 Resp: 595302

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 47.975 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Tgt Ion: 43 Resp: 128529

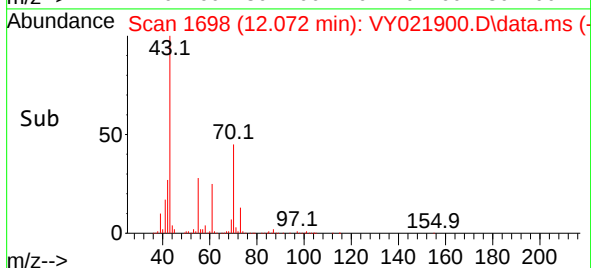
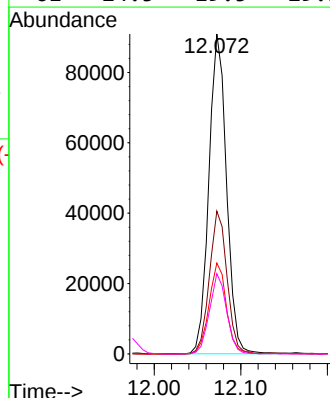
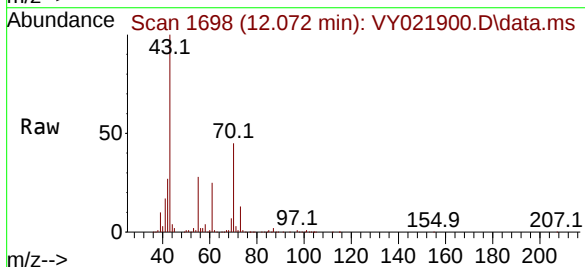
Ion Ratio Lower Upper

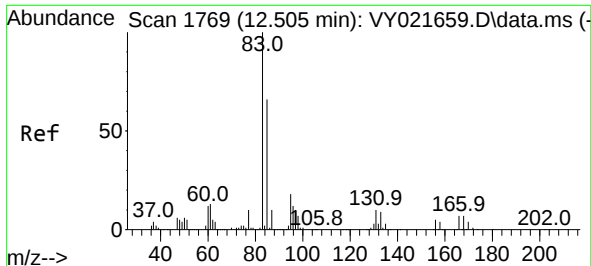
43 100

70 44.7 34.7 52.1

55 28.3 21.2 31.8

61 24.5 19.5 29.3

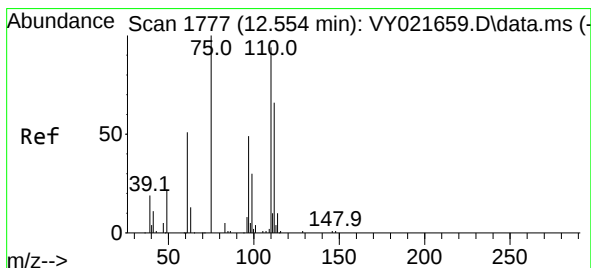
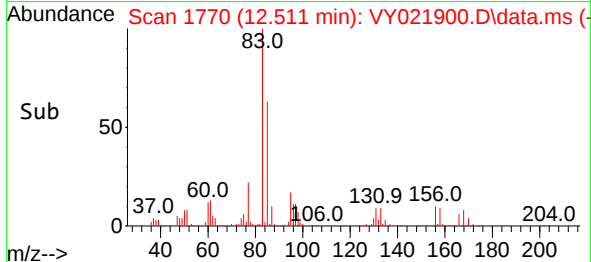
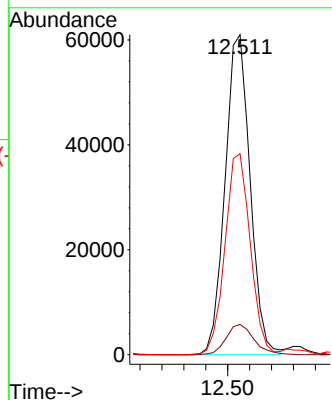
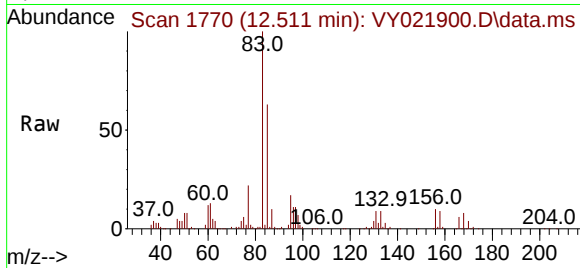




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.109 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

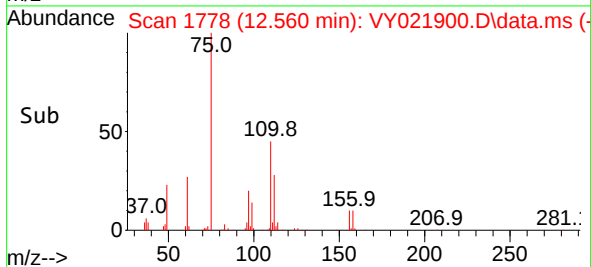
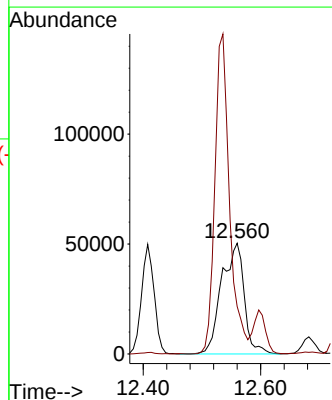
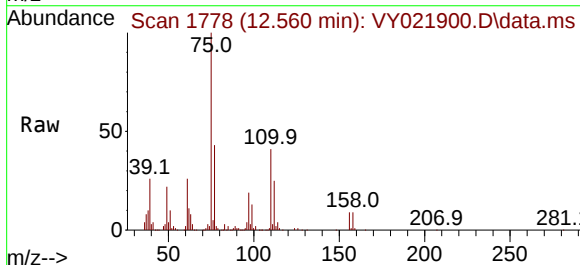
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

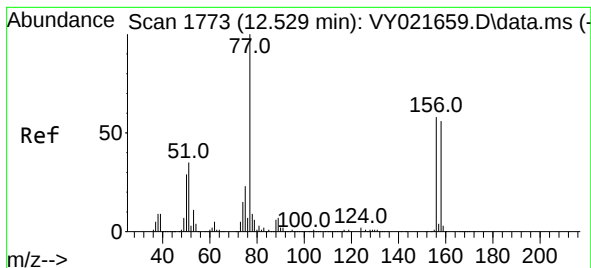
Tgt Ion: 83 Resp: 96684
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 63.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 88.751 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

Tgt Ion: 75 Resp: 135212
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.229 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

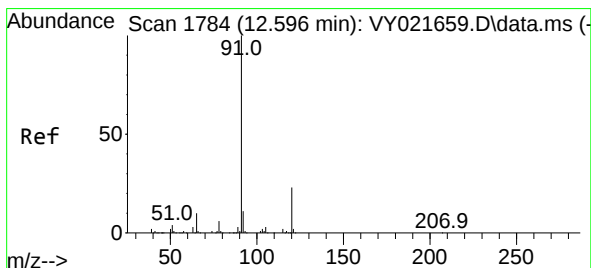
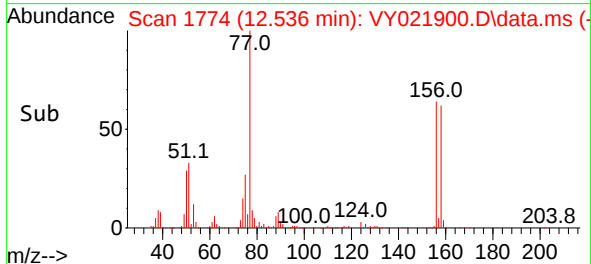
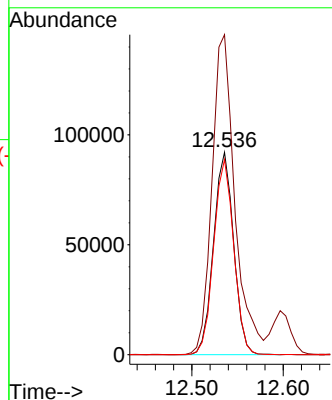
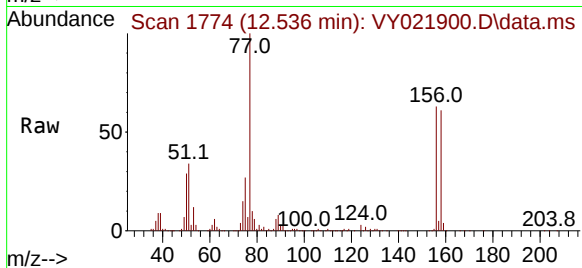
Tgt Ion:156 Resp: 140411

Ion Ratio Lower Upper

156 100

77 180.2 92.8 278.3

158 96.4 48.5 145.6



#78

n-propylbenzene

Concen: 52.593 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021900.D

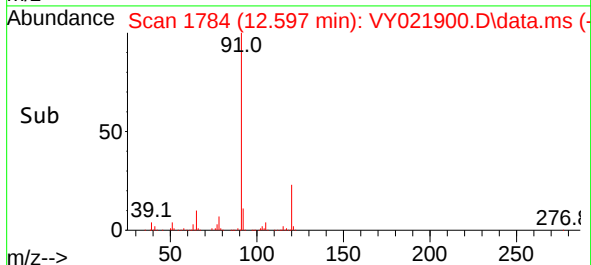
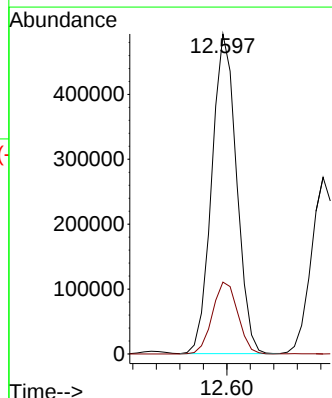
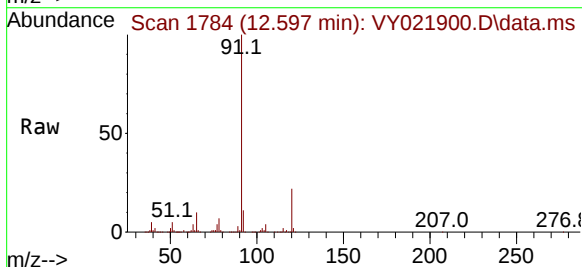
Acq: 17 Apr 2025 09:00

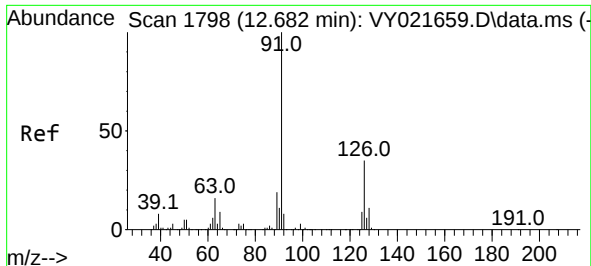
Tgt Ion: 91 Resp: 721788

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

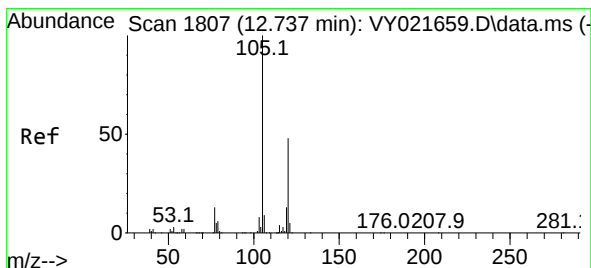
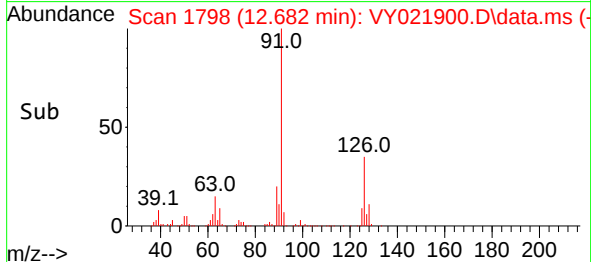
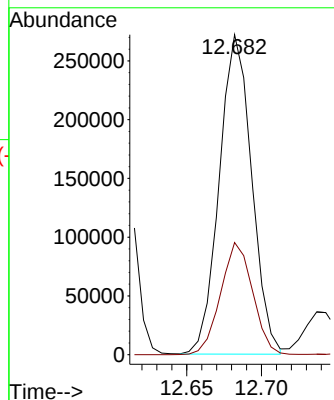
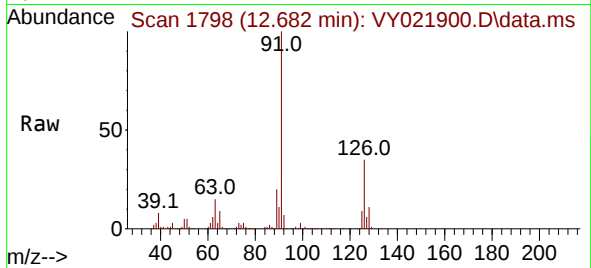




#79
2-Chlorotoluene
Concen: 51.402 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

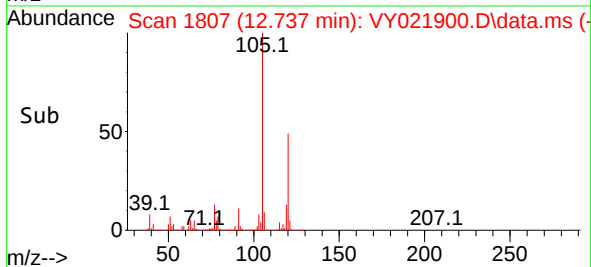
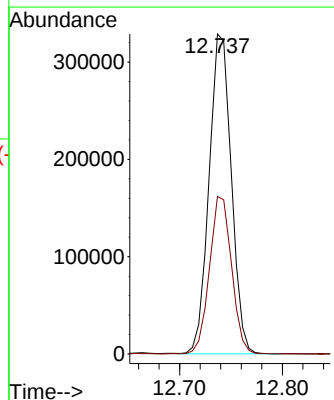
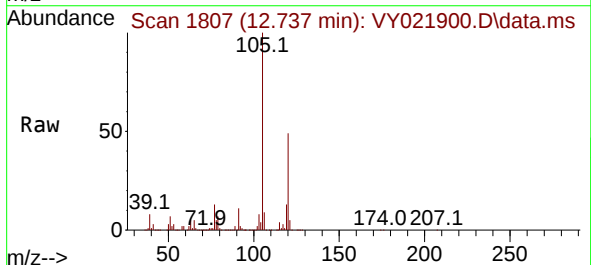
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

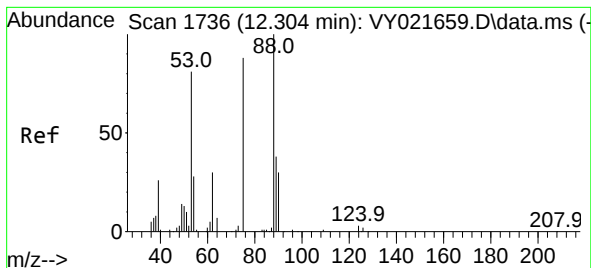
Tgt Ion: 91 Resp: 409730
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 52.897 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 105 Resp: 493516
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

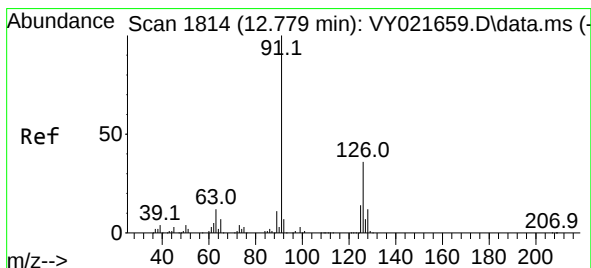
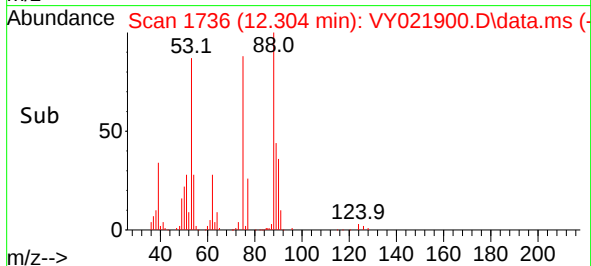
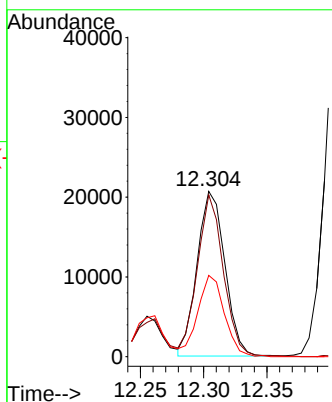
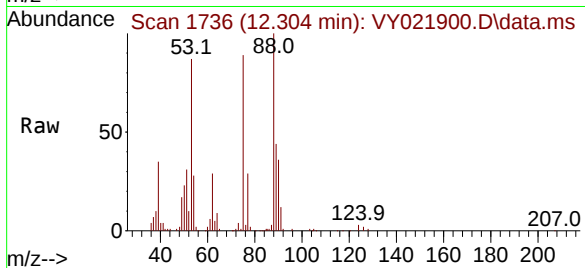




#81
trans-1,4-Dichloro-2-butene
Concen: 47.682 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

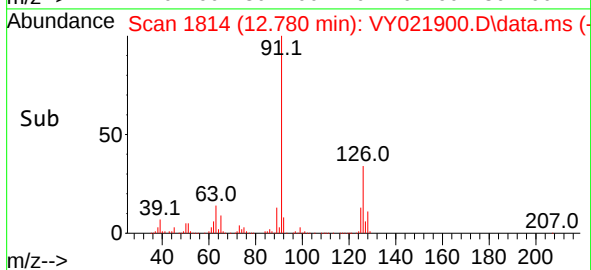
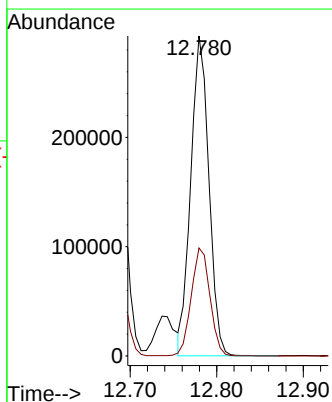
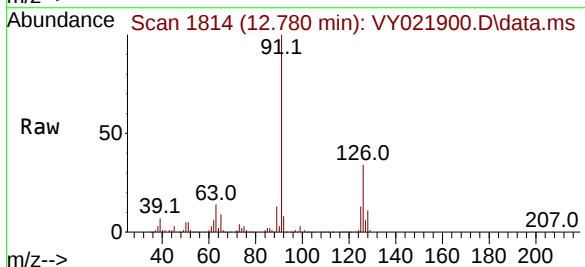
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

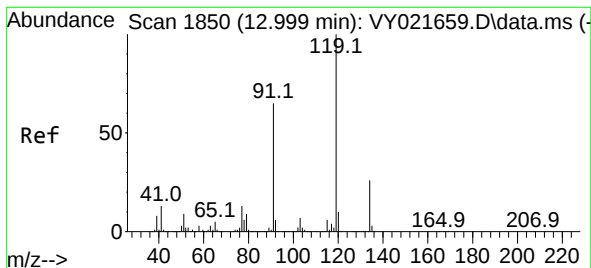
Tgt Ion: 75 Resp: 31527
Ion Ratio Lower Upper
75 100
53 93.0 76.1 114.1
89 47.5 36.2 54.4



#82
4-Chlorotoluene
Concen: 51.126 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 91 Resp: 424874
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 53.766 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

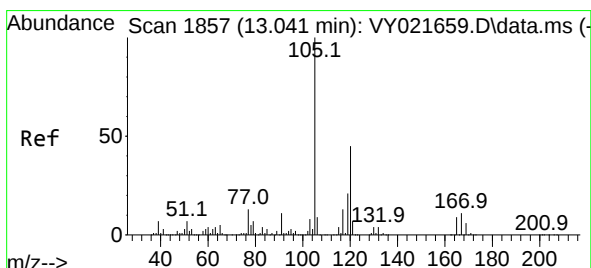
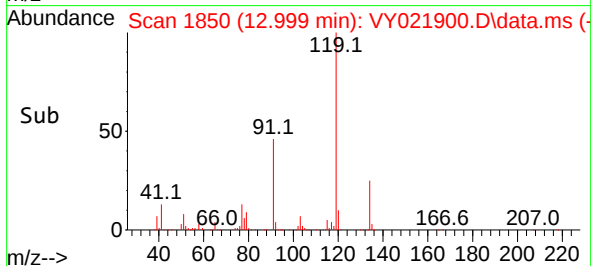
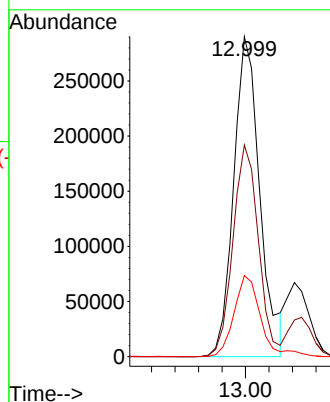
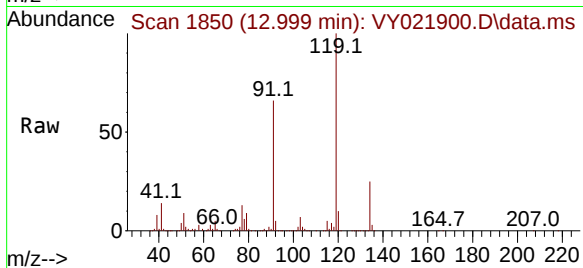
Tgt Ion:119 Resp: 446791

Ion Ratio Lower Upper

119 100

91 64.6 32.6 97.7

134 25.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 53.458 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021900.D

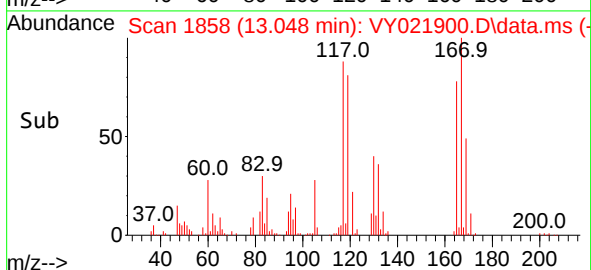
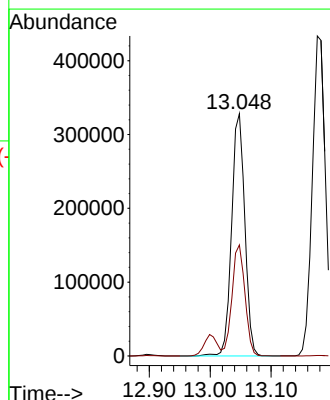
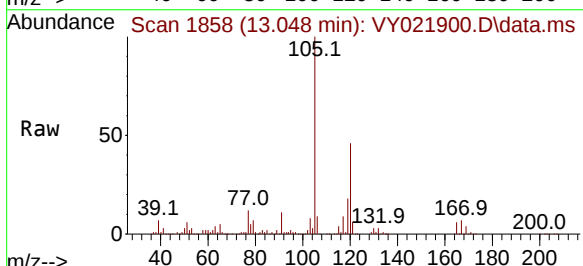
Acq: 17 Apr 2025 09:00

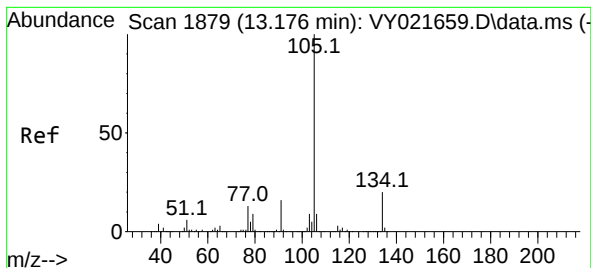
Tgt Ion:105 Resp: 492939

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 53.625 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

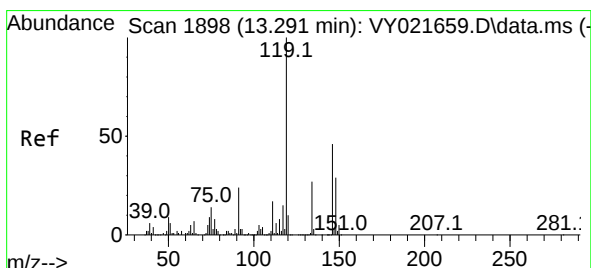
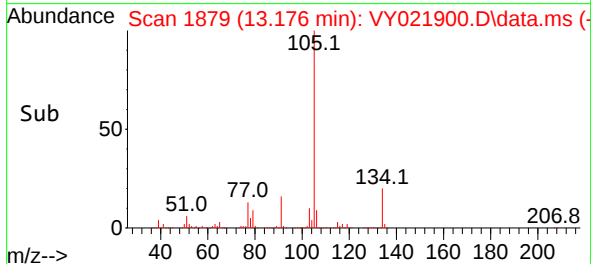
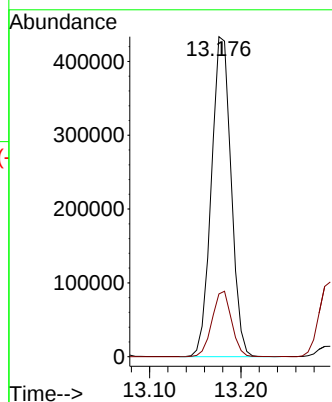
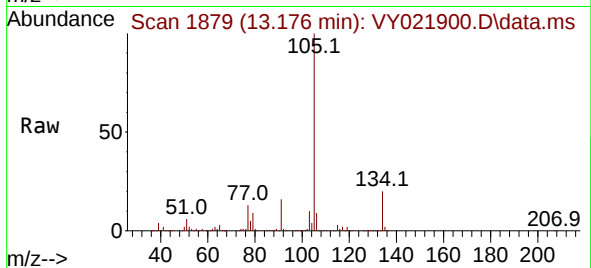
VSTDCCC050

Tgt Ion:105 Resp: 651228

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.886 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

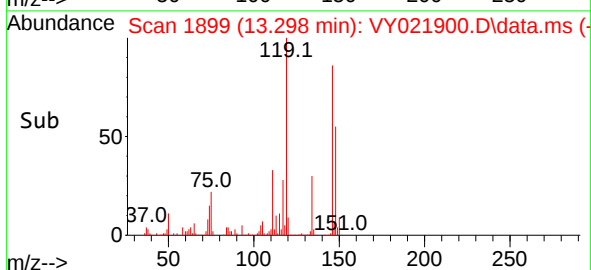
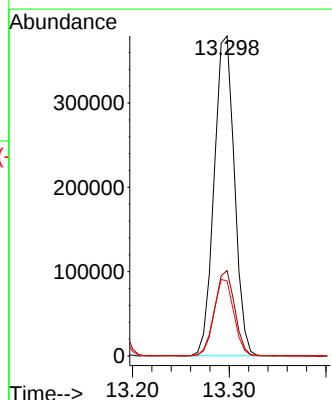
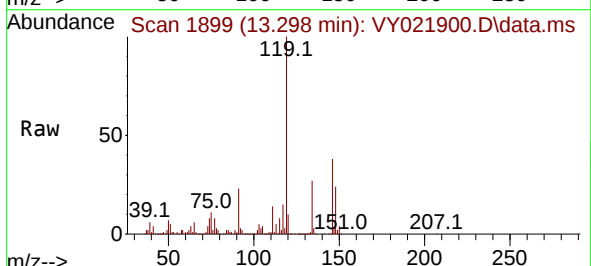
Tgt Ion:119 Resp: 550898

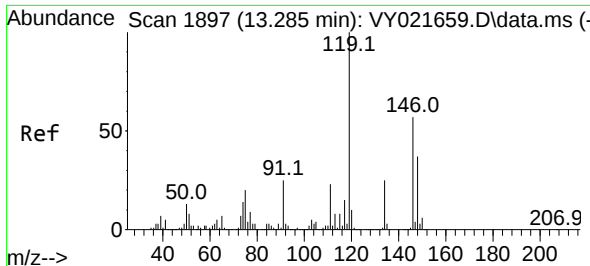
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.8 12.0 36.0

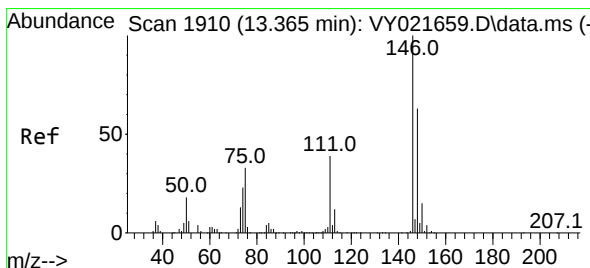
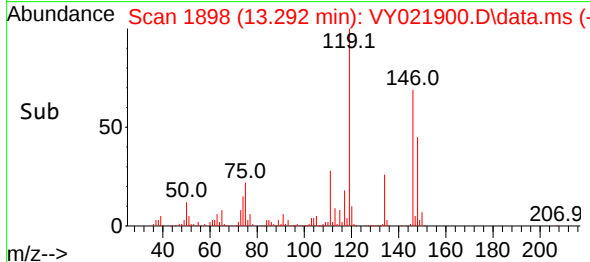
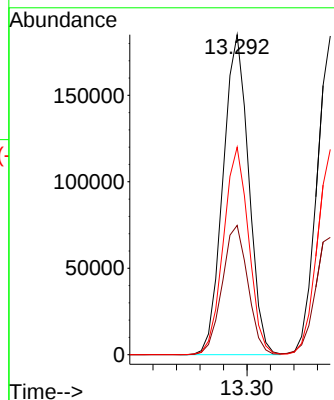
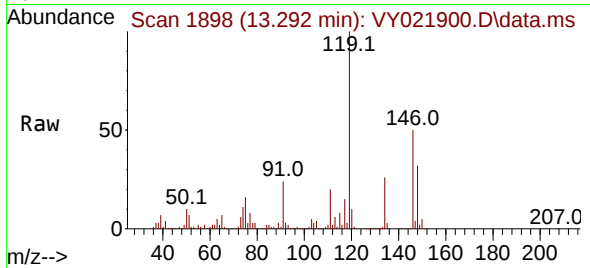




#87
 1,3-Dichlorobenzene
 Concen: 51.973 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

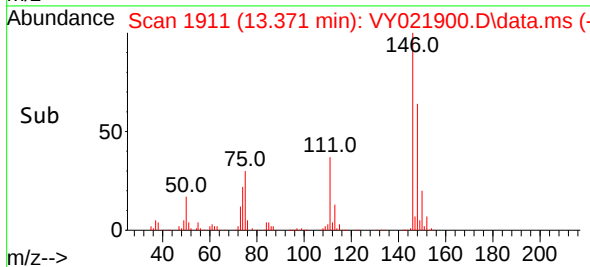
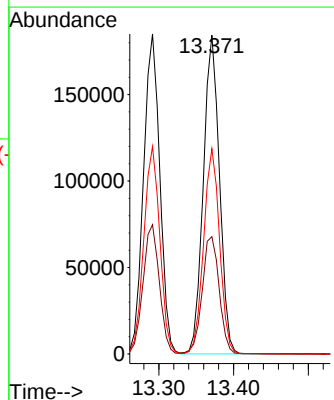
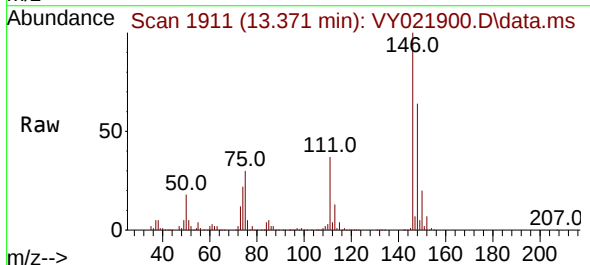
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 280652
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.763 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY021900.D
 Acq: 17 Apr 2025 09:00

Tgt Ion:146 Resp: 276165
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.1
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 54.913 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

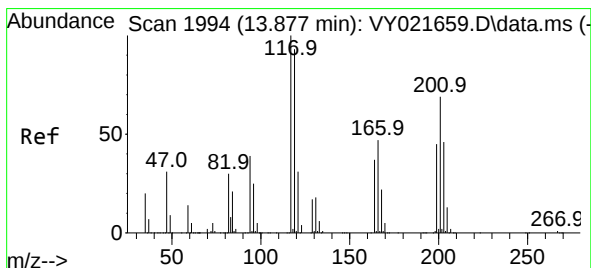
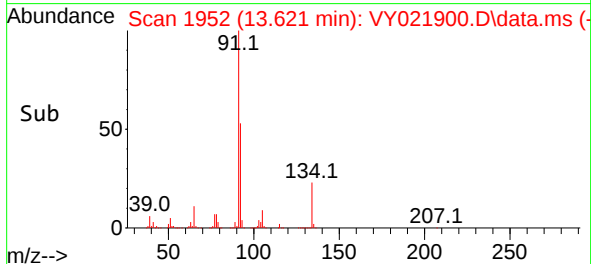
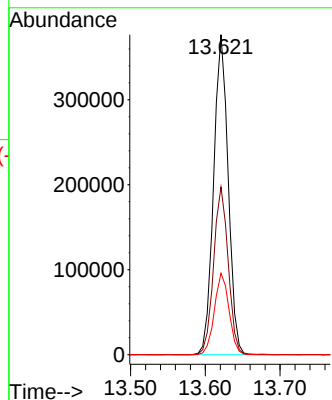
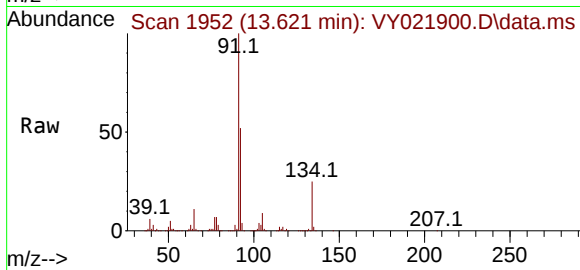
Tgt Ion: 91 Resp: 509733

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 25.6 12.8 38.4



#90

Hexachloroethane

Concen: 51.249 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021900.D

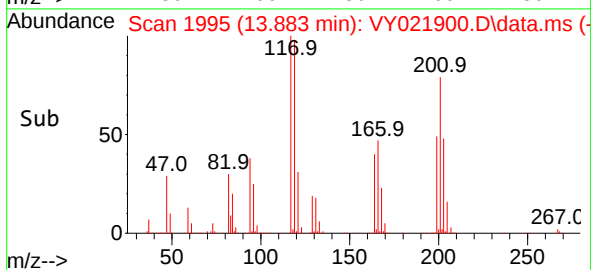
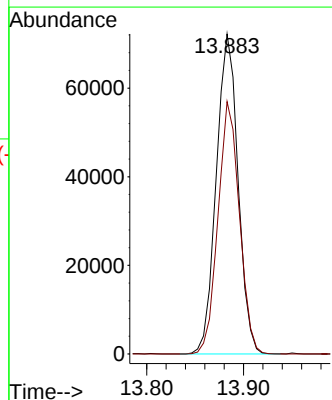
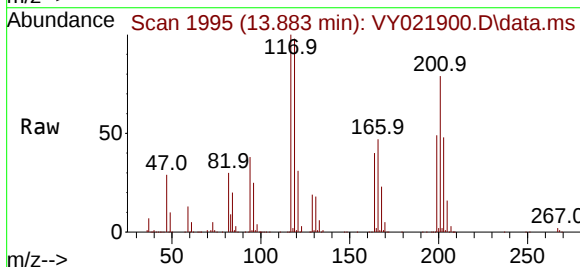
Acq: 17 Apr 2025 09:00

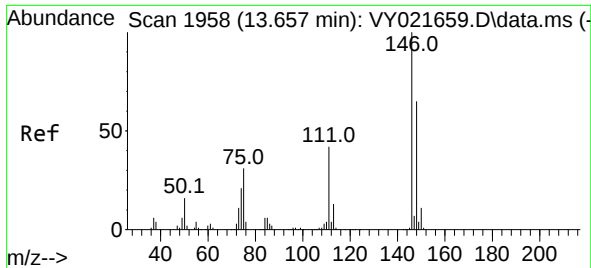
Tgt Ion: 117 Resp: 112722

Ion Ratio Lower Upper

117 100

201 77.6 37.4 112.1

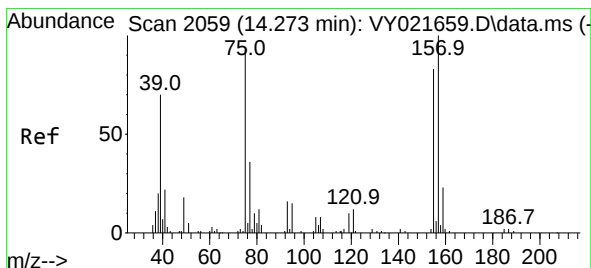
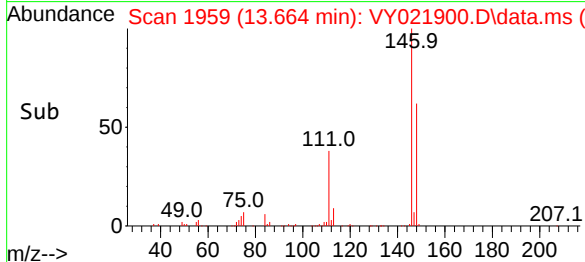
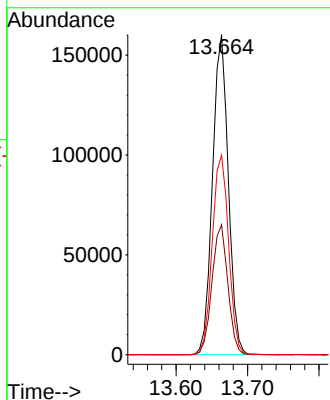
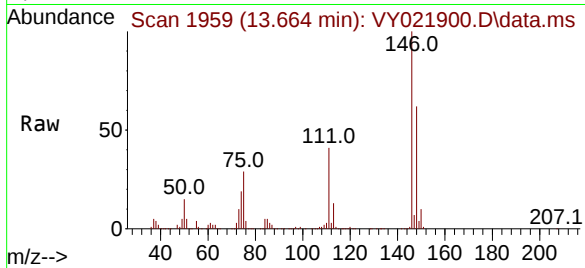




#91
1,2-Dichlorobenzene
Concen: 52.308 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

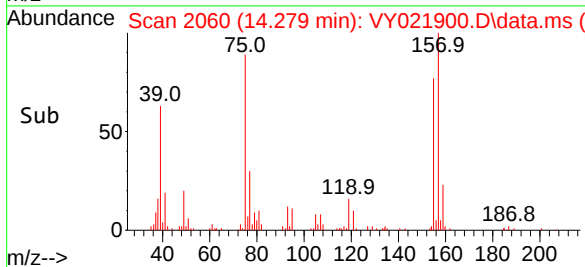
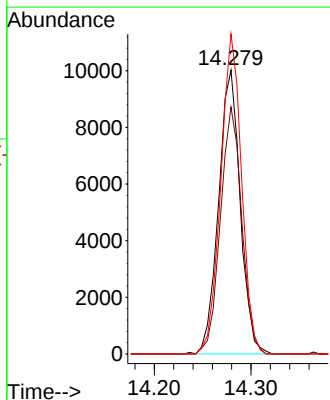
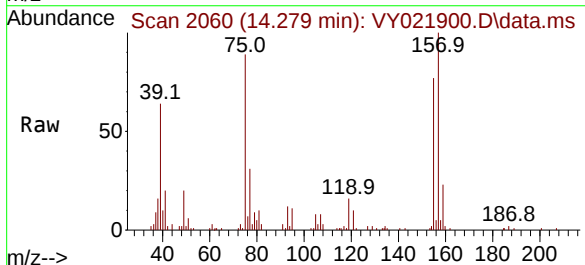
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

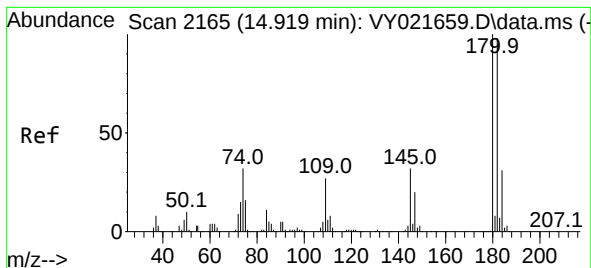
Tgt Ion:146 Resp: 245885
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 64.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.787 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021900.D
Acq: 17 Apr 2025 09:00

Tgt Ion: 75 Resp: 15519
Ion Ratio Lower Upper
75 100
155 85.6 43.0 128.8
157 108.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 57.444 ug/l

RT: 14.925 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

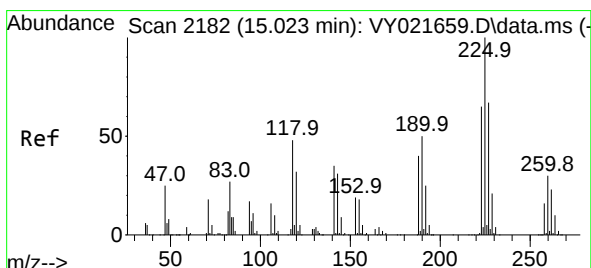
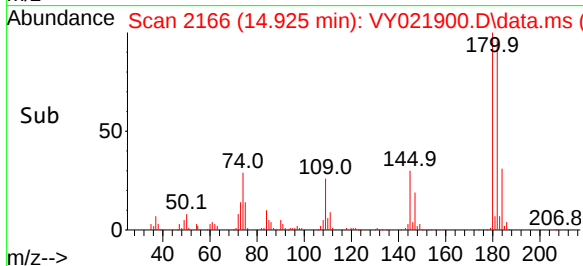
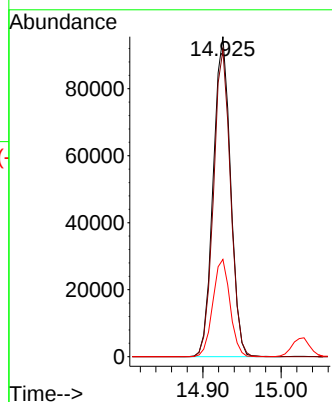
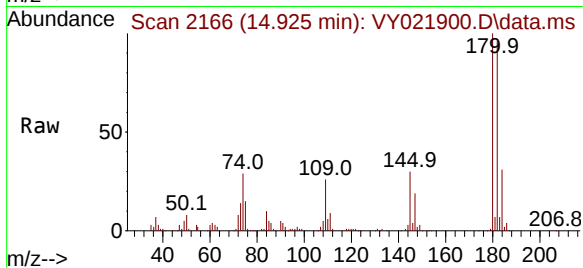
Tgt Ion:180 Resp: 146434

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.6

145 30.2 14.9 44.9



#94

Hexachlorobutadiene

Concen: 57.026 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

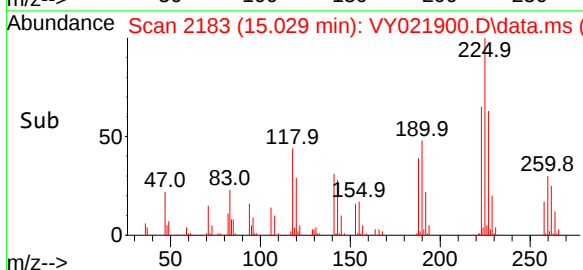
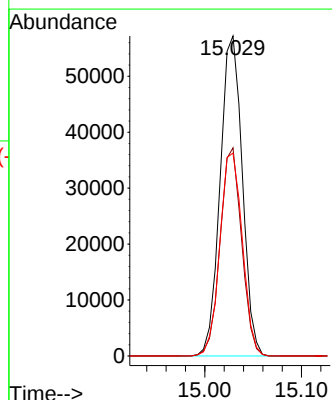
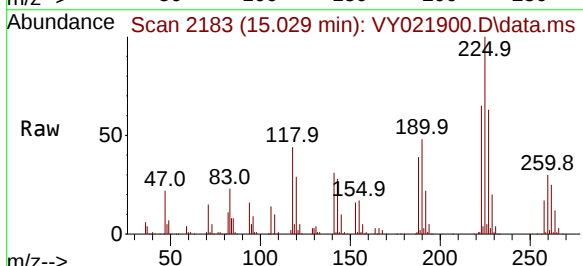
Tgt Ion:225 Resp: 90788

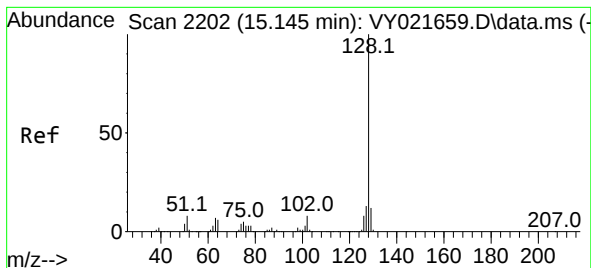
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.7

227 64.5 32.4 97.0





#95

Naphthalene

Concen: 58.107 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

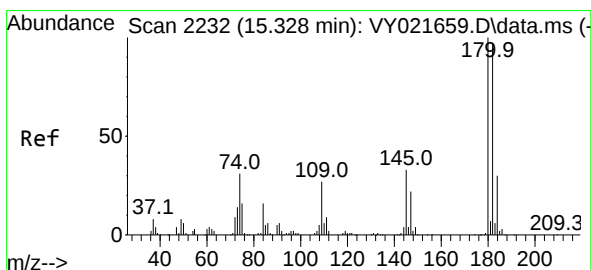
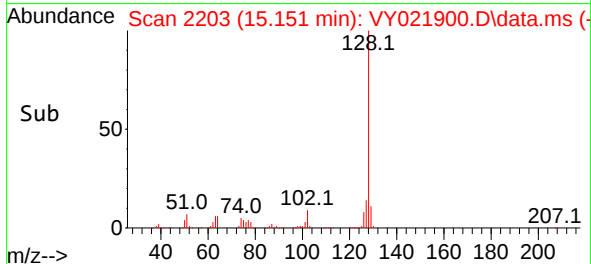
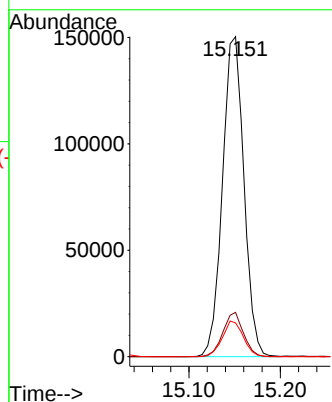
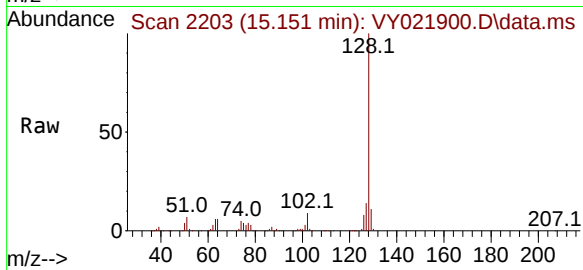
Tgt Ion:128 Resp: 245522

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 58.584 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021900.D

Acq: 17 Apr 2025 09:00

Tgt Ion:180 Resp: 127349

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 31.3 15.9 47.7

