

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021198.D
 Acq On : 14 Feb 2025 09:06
 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: Feb 14 22:13:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	126809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	191284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	164488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	81952	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.073	65	60937	46.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.800%
35) Dibromofluoromethane	7.646	113	60122	49.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.115	98	228160	48.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.414	95	75800	49.715	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.873	85	58064	51.374	ug/l	94
3) Chloromethane	2.080	50	56175	50.369	ug/l	98
4) Vinyl Chloride	2.214	62	58543	52.151	ug/l	98
5) Bromomethane	2.611	94	34695	50.006	ug/l	91
6) Chloroethane	2.745	64	35619	53.303	ug/l	94
7) Trichlorofluoromethane	3.074	101	105895	51.779	ug/l	99
8) Diethyl Ether	3.464	74	30548	47.848	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	67076	52.258	ug/l	95
10) Methyl Iodide	4.019	142	73793	51.749	ug/l	91
11) Tert butyl alcohol	4.879	59	17227	195.661	ug/l	99
12) 1,1-Dichloroethene	3.812	96	60813	50.296	ug/l	92
13) Acrolein	3.665	56	18702	137.942	ug/l	98
14) Allyl chloride	4.397	41	107502	52.755	ug/l	94
15) Acrylonitrile	5.080	53	64615	243.044	ug/l	99
16) Acetone	3.885	43	57124	281.931	ug/l	96
17) Carbon Disulfide	4.123	76	182662	48.178	ug/l	99
18) Methyl Acetate	4.397	43	35380	49.742	ug/l	96
19) Methyl tert-butyl Ether	5.135	73	151545	49.589	ug/l	99
20) Methylene Chloride	4.635	84	64239	51.000	ug/l	92
21) trans-1,2-Dichloroethene	5.135	96	67688	50.858	ug/l	94
22) Diisopropyl ether	6.031	45	227177	54.087	ug/l	98
23) Vinyl Acetate	5.976	43	598606	255.654	ug/l	98
24) 1,1-Dichloroethane	5.933	63	131735	53.532	ug/l	98
25) 2-Butanone	6.909	43	82691	248.356	ug/l	98
26) 2,2-Dichloropropane	6.903	77	122897	53.973	ug/l	97
27) cis-1,2-Dichloroethene	6.909	96	78796	51.436	ug/l	90
28) Bromochloromethane	7.256	49	52228	53.672	ug/l	100
29) Tetrahydrofuran	7.281	42	53548	237.676	ug/l	93
30) Chloroform	7.433	83	136214	53.889	ug/l	100
31) Cyclohexane	7.713	56	110584	49.901	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	125883	53.566	ug/l	100
36) 1,1-Dichloropropene	7.848	75	98365	54.173	ug/l	98
37) Ethyl Acetate	7.000	43	38662	48.537	ug/l	97
38) Carbon Tetrachloride	7.829	117	115902	54.629	ug/l	99
39) Methylcyclohexane	9.122	83	118479	53.345	ug/l	96
40) Benzene	8.091	78	287395	53.935	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	19698	42.745	ug/l	90
42) 1,2-Dichloroethane	8.171	62	78768	53.288	ug/l	96
43) Isopropyl Acetate	8.207	43	77983	49.270	ug/l #	84
44) Trichloroethene	8.878	130	72308	52.523	ug/l	95
45) 1,2-Dichloropropane	9.152	63	68103	53.848	ug/l	97
46) Dibromomethane	9.244	93	35210	50.282	ug/l	96
47) Bromodichloromethane	9.433	83	101420	54.003	ug/l	98
48) Methyl methacrylate	9.231	41	37255	51.674	ug/l	92
49) 1,4-Dioxane	9.238	88	6314	968.576	ug/l	89
51) 4-Methyl-2-Pentanone	10.006	43	196604	247.016	ug/l	97
52) Toluene	10.182	92	183322	54.792	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	89867	53.291	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	106593	53.386	ug/l #	91
55) 1,1,2-Trichloroethane	10.579	97	46580	51.368	ug/l	96
56) Ethyl methacrylate	10.451	69	59805	49.300	ug/l #	87
57) 1,3-Dichloropropane	10.725	76	81809	52.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	146286	253.477	ug/l	100
59) 2-Hexanone	10.768	43	129980	253.639	ug/l	93
60) Dibromochloromethane	10.920	129	65738	51.622	ug/l	99
61) 1,2-Dibromoethane	11.024	107	41991	49.438	ug/l	99
64) Tetrachloroethene	10.658	164	65797	53.885	ug/l	95
65) Chlorobenzene	11.451	112	194228	53.030	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	69979	53.764	ug/l	98
67) Ethyl Benzene	11.530	91	357878	55.244	ug/l	98
68) m/p-Xylenes	11.640	106	267186	110.249	ug/l	97
69) o-Xylene	11.963	106	125105	55.369	ug/l	97
70) Styrene	11.981	104	208407	55.341	ug/l	97
71) Bromoform	12.139	173	36433	50.288	ug/l #	99
73) Isopropylbenzene	12.261	105	342233	53.460	ug/l	100
74) N-amyl acetate	12.078	43	68462	48.916	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.517	83	50384	47.324	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	33946m	45.663	ug/l	
77) Bromobenzene	12.542	156	74472	50.412	ug/l	95
78) n-propylbenzene	12.603	91	414749	54.388	ug/l	98
79) 2-Chlorotoluene	12.688	91	230046	52.671	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	278371	53.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	16769	46.027	ug/l	92
82) 4-Chlorotoluene	12.786	91	235595	52.943	ug/l	99
83) tert-Butylbenzene	13.005	119	250844	53.171	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	276342	54.453	ug/l	99
85) sec-Butylbenzene	13.182	105	370770	54.598	ug/l	98
86) p-Isopropyltoluene	13.298	119	310999	55.131	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	149469	52.401	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	146153	52.039	ug/l	100
89) n-Butylbenzene	13.627	91	288554	56.071	ug/l	99
90) Hexachloroethane	13.889	117	63347	53.829	ug/l	86
91) 1,2-Dichlorobenzene	13.670	146	126527	51.107	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	7606	47.807	ug/l	93
93) 1,2,4-Trichlorobenzene	14.932	180	73157	53.087	ug/l	99
94) Hexachlorobutadiene	15.035	225	50451	55.246	ug/l	99
95) Naphthalene	15.157	128	110337	50.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	59070	51.507	ug/l	98

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ClientSampleId :
VSTDCCC050

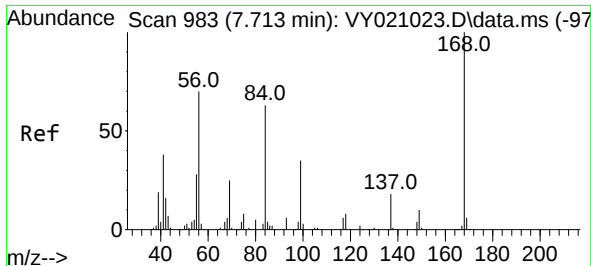
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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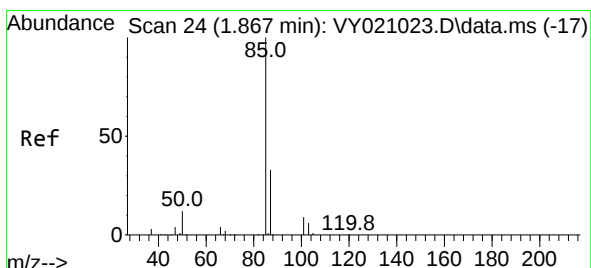
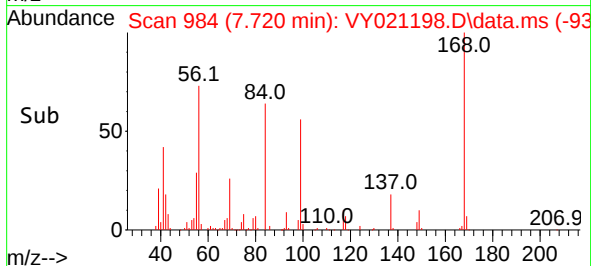
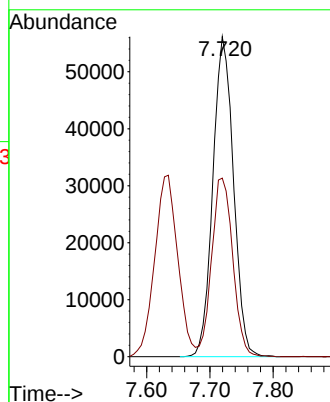
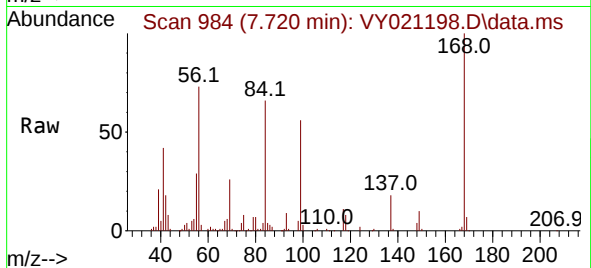




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

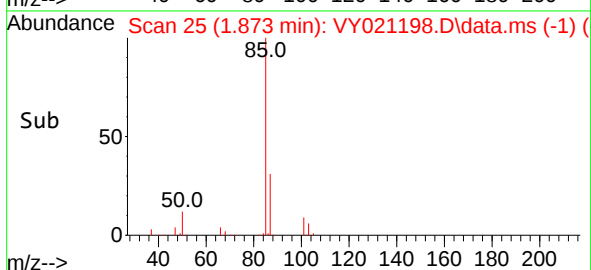
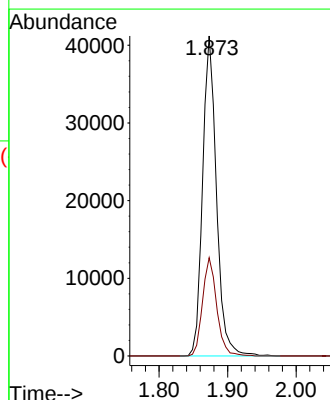
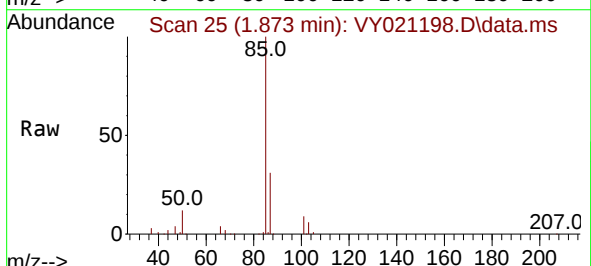
Instrument :
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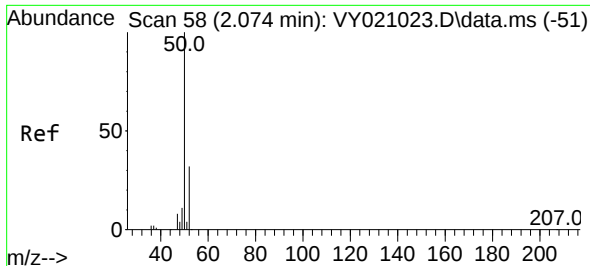
Tgt Ion:168 Resp: 126809
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 51.374 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 85 Resp: 58064
Ion Ratio Lower Upper
85 100
87 30.7 17.1 51.3

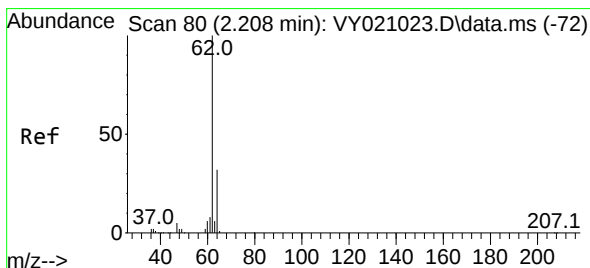
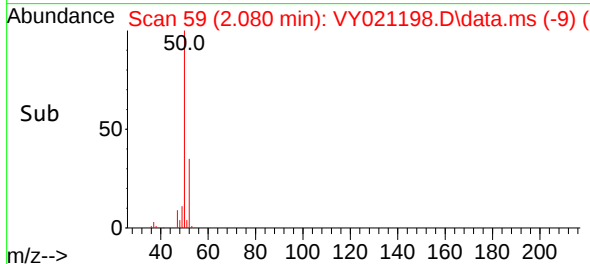
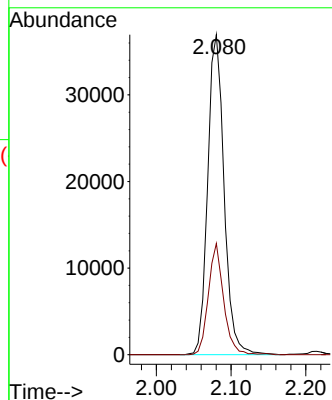
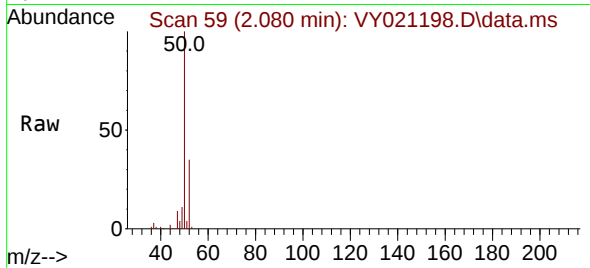




#3
Chloromethane
Concen: 50.369 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

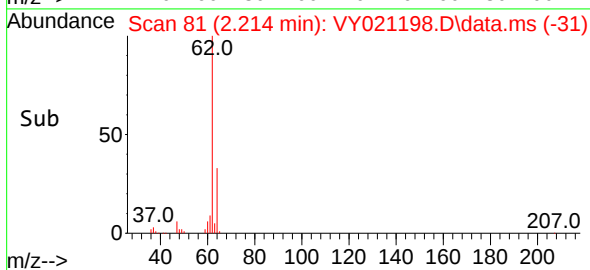
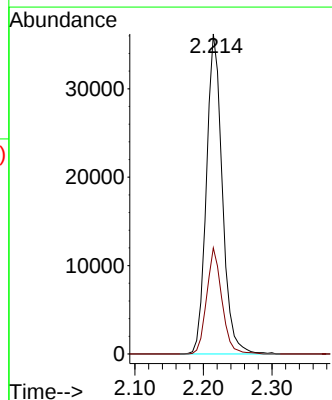
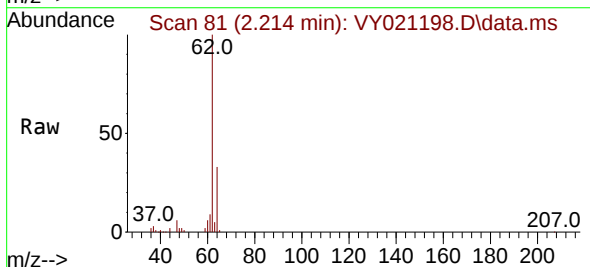
Instrument :
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ClientSampleId :
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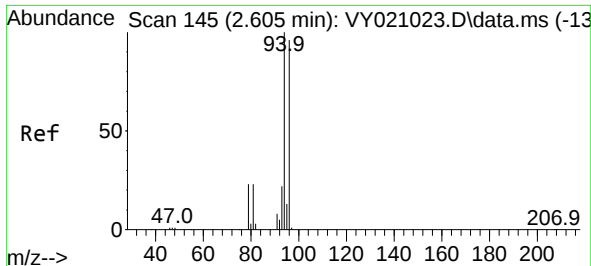
Tgt Ion: 50 Resp: 56175
Ion Ratio Lower Upper
50 100
52 34.7 26.7 40.1



#4
Vinyl Chloride
Concen: 52.151 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 62 Resp: 58543
Ion Ratio Lower Upper
62 100
64 33.2 25.7 38.5

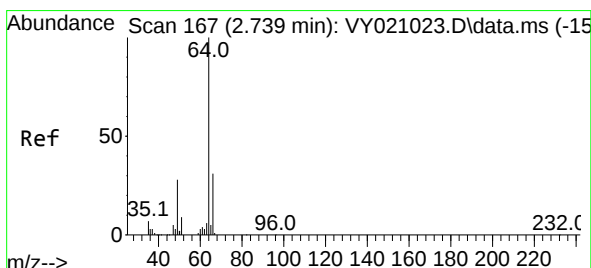
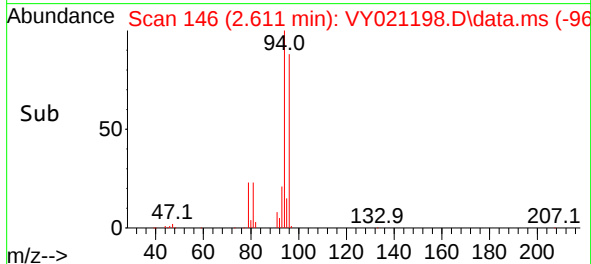
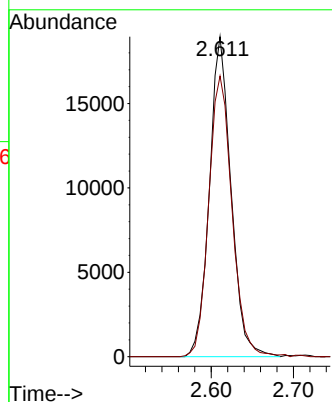
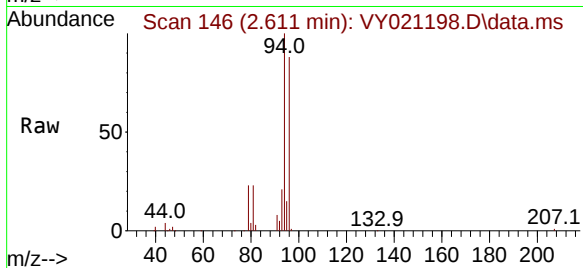




#5
Bromomethane
Concen: 50.006 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

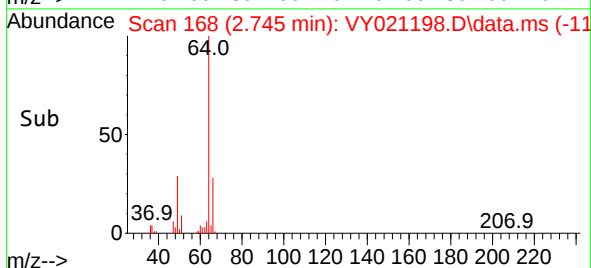
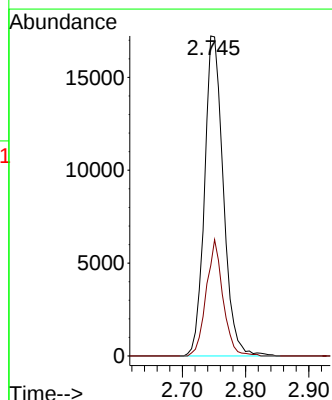
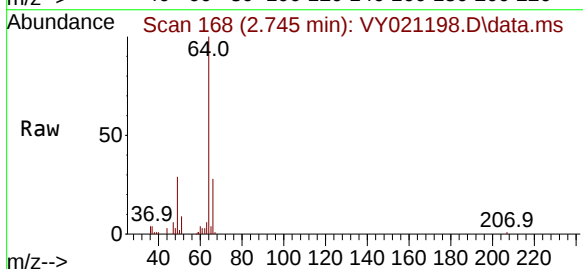
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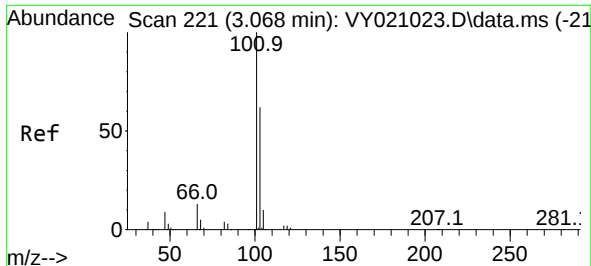
Tgt Ion: 94 Resp: 34695
Ion Ratio Lower Upper
94 100
96 87.7 77.3 115.9



#6
Chloroethane
Concen: 53.303 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 64 Resp: 35619
Ion Ratio Lower Upper
64 100
66 28.2 25.1 37.7

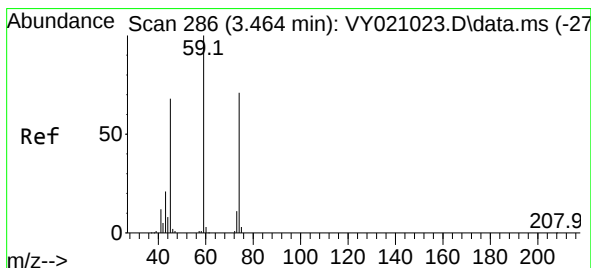
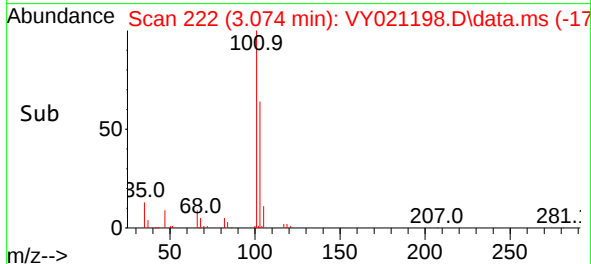
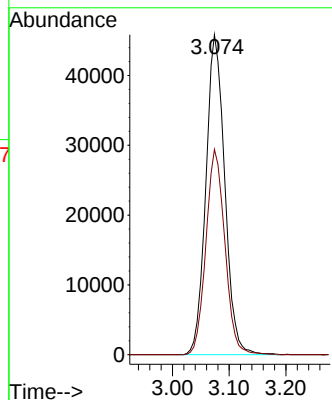
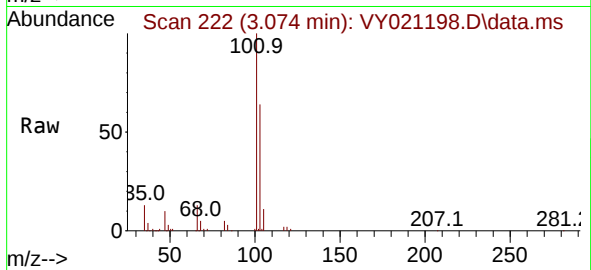




#7
 Trichlorofluoromethane
 Concen: 51.779 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

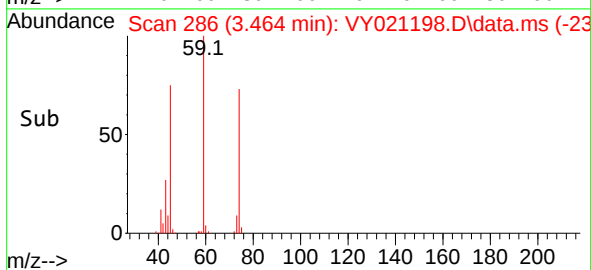
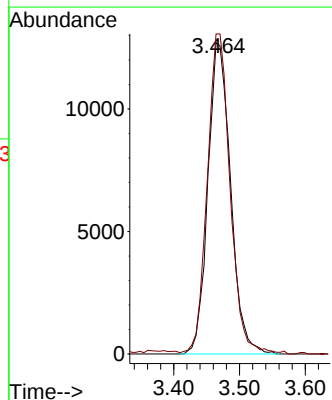
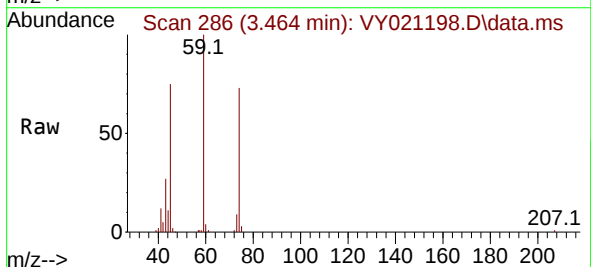
Instrument :
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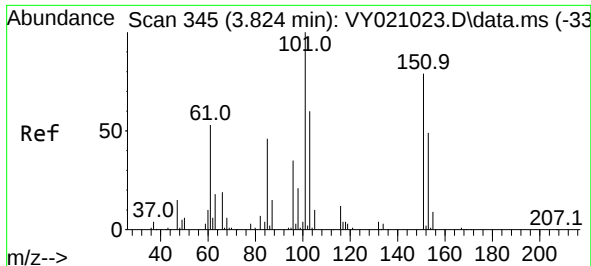
Tgt Ion:101 Resp: 105895
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 47.848 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

Tgt Ion: 74 Resp: 30548
 Ion Ratio Lower Upper
 74 100
 45 103.5 47.9 143.7

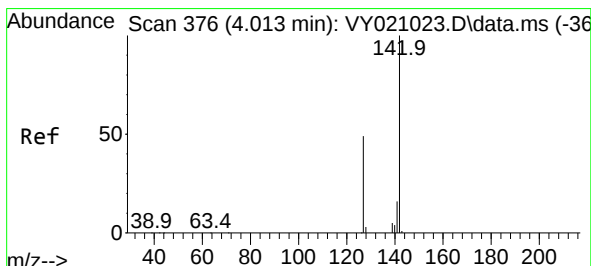
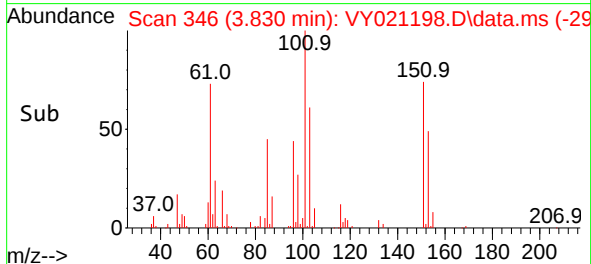
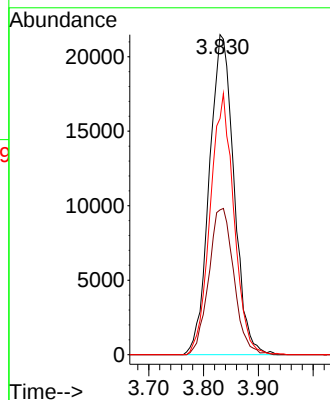
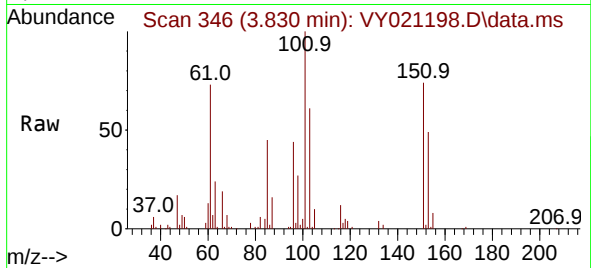




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.258 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021198.D
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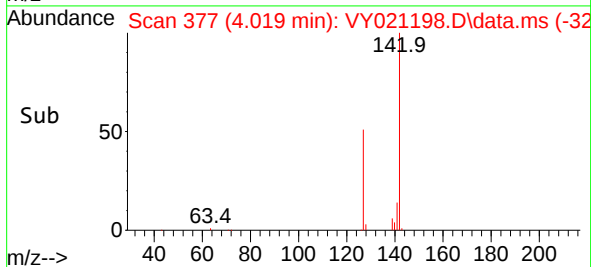
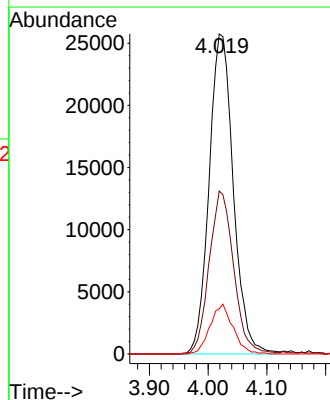
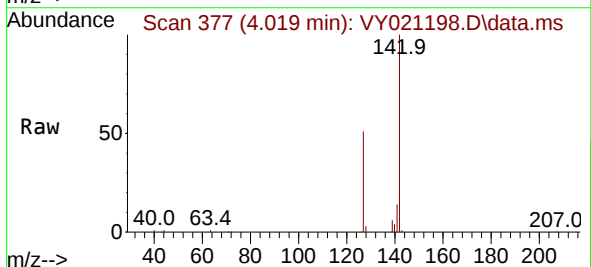
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

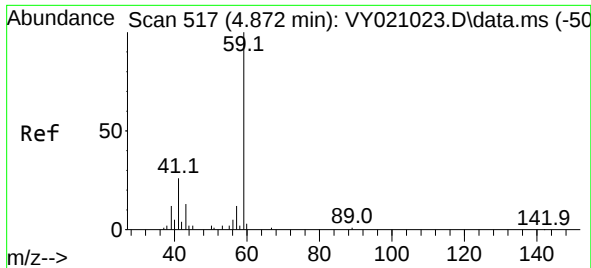
Tgt Ion:101 Resp: 67076
Ion Ratio Lower Upper
101 100
85 46.4 35.8 53.6
151 78.3 58.6 88.0



#10
Methyl Iodide
Concen: 51.749 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion:142 Resp: 73793
Ion Ratio Lower Upper
142 100
127 51.4 35.1 52.7
141 14.7 11.8 17.6

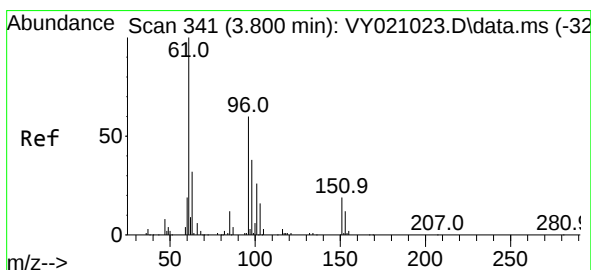
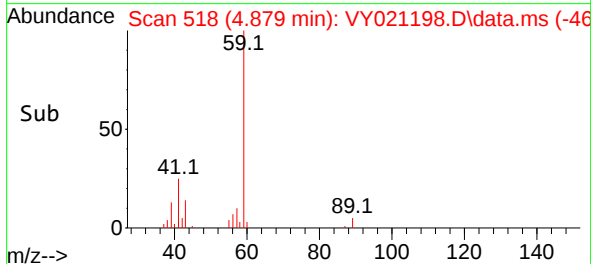
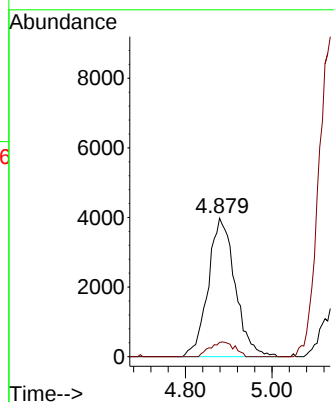
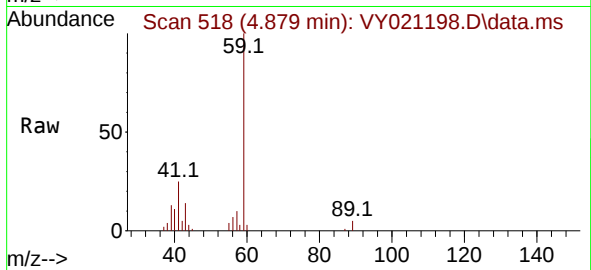




#11
Tert butyl alcohol
Concen: 195.661 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

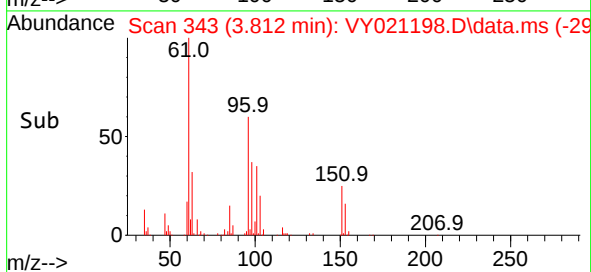
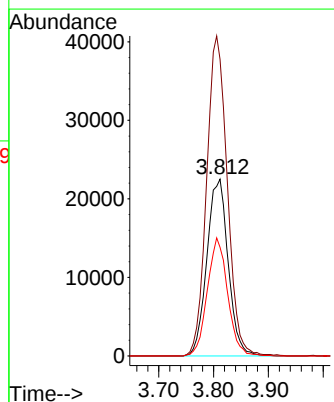
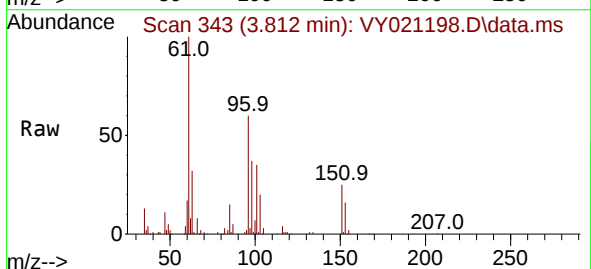
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

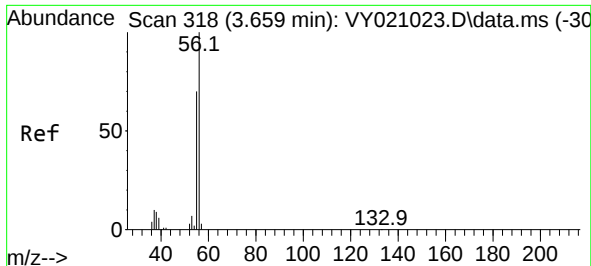
Tgt Ion: 59 Resp: 17227
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 50.296 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 96 Resp: 60813
Ion Ratio Lower Upper
96 100
61 167.9 124.2 186.2
98 61.5 52.6 79.0





#13

Acrolein

Concen: 137.942 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

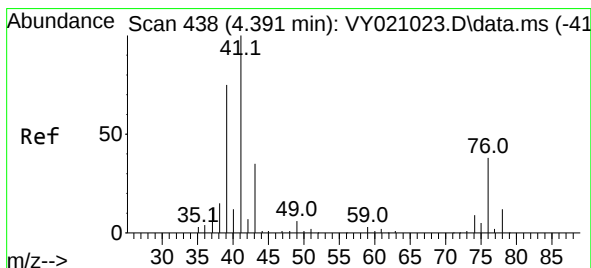
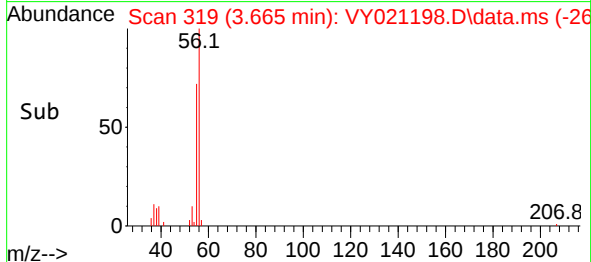
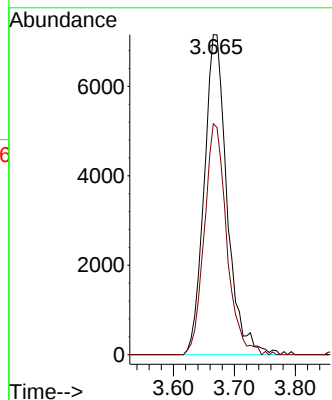
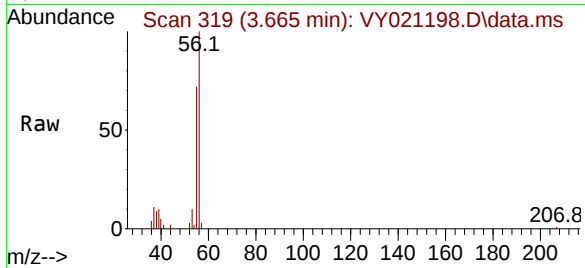
VSTDCCC050

Tgt Ion: 56 Resp: 18702

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.0



#14

Allyl chloride

Concen: 52.755 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

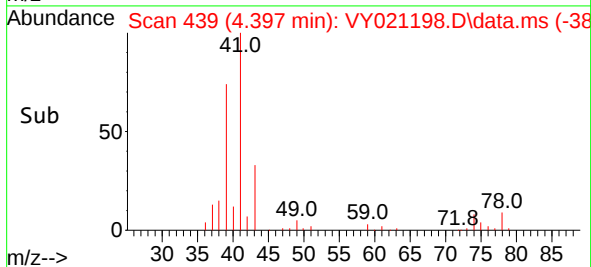
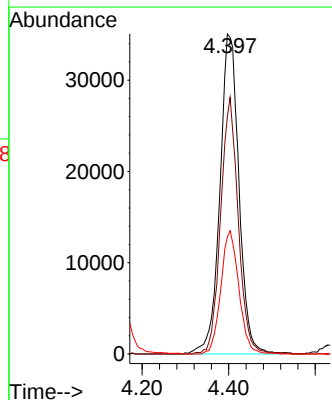
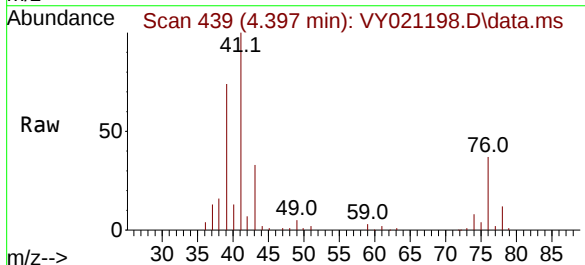
Tgt Ion: 41 Resp: 107502

Ion Ratio Lower Upper

41 100

39 73.8 54.7 82.1

76 36.5 31.8 47.6

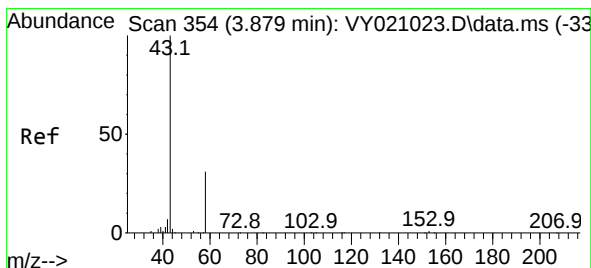
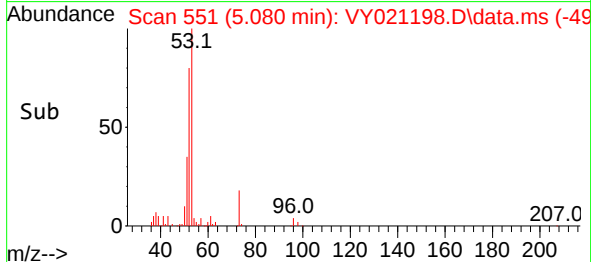
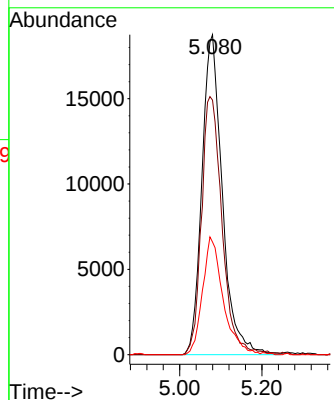
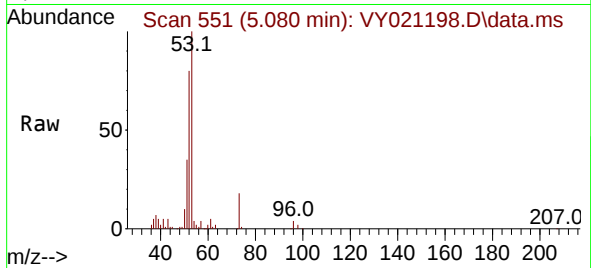




#15
Acrylonitrile
Concen: 243.044 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

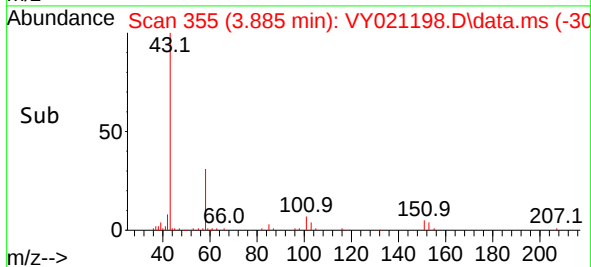
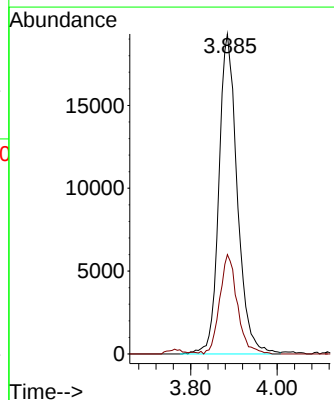
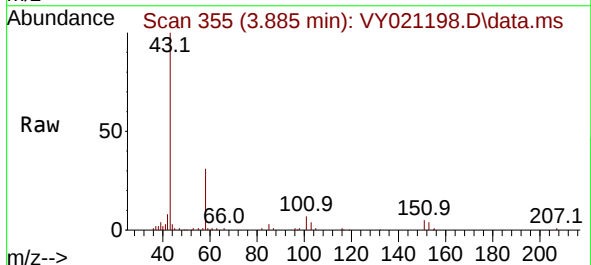
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 64615
Ion Ratio Lower Upper
53 100
52 81.2 65.1 97.7
51 37.2 29.0 43.4



#16
Acetone
Concen: 281.931 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 43 Resp: 57124
Ion Ratio Lower Upper
43 100
58 31.0 26.6 39.8

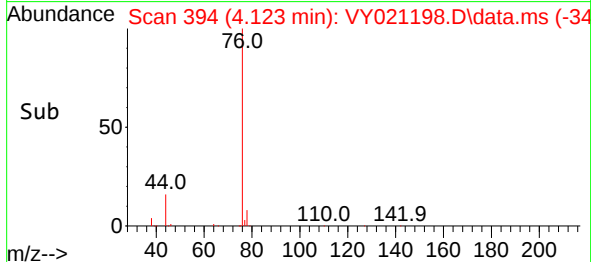
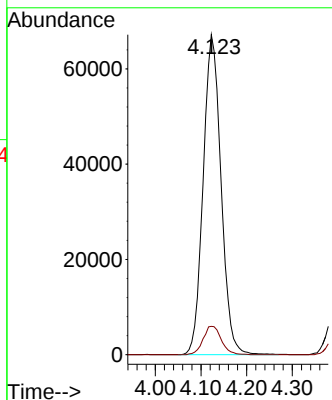
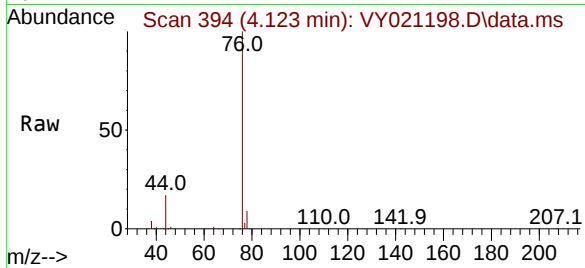




#17
Carbon Disulfide
Concen: 48.178 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

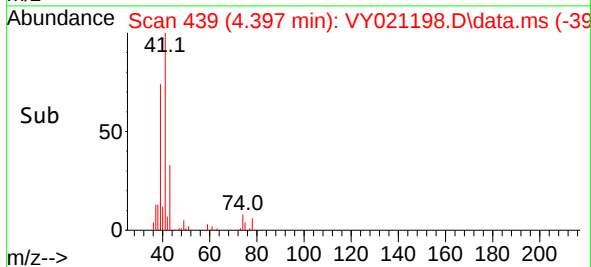
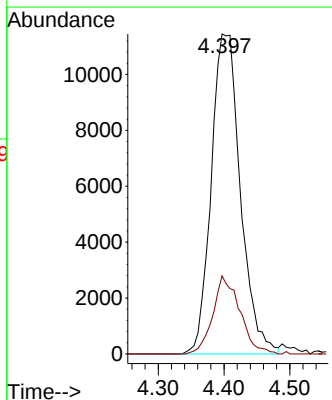
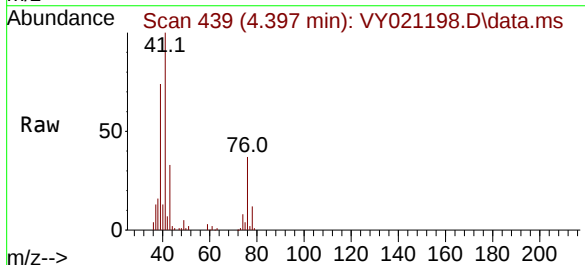
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 182662
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 49.742 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 43 Resp: 35380
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.6

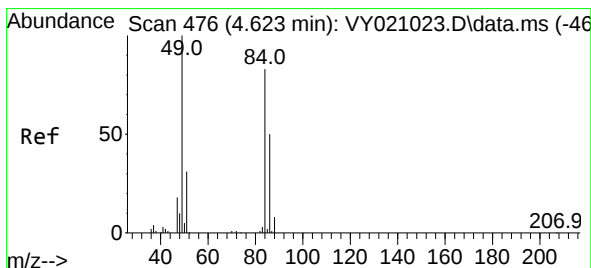
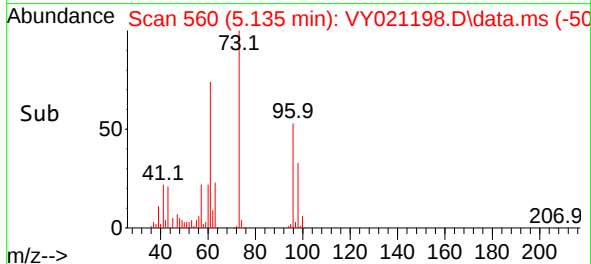
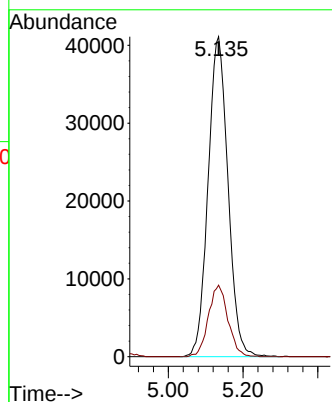
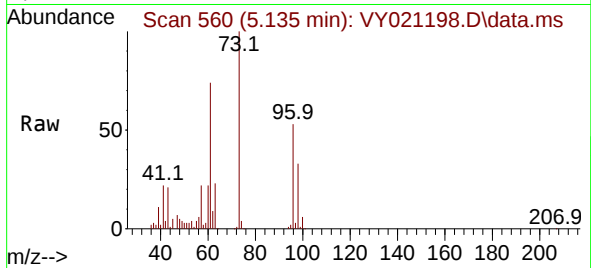




#19
Methyl tert-butyl Ether
Concen: 49.589 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

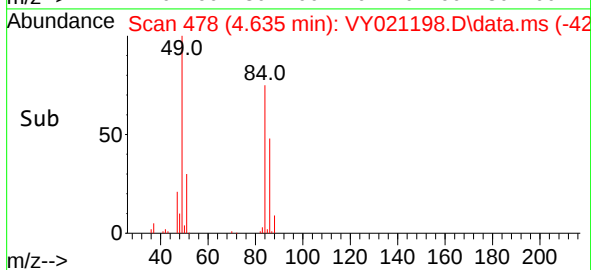
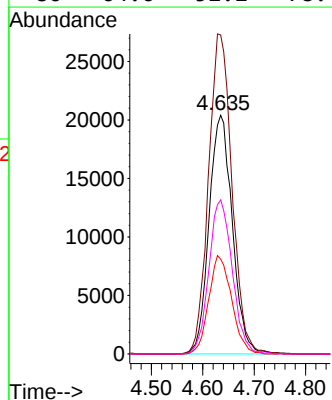
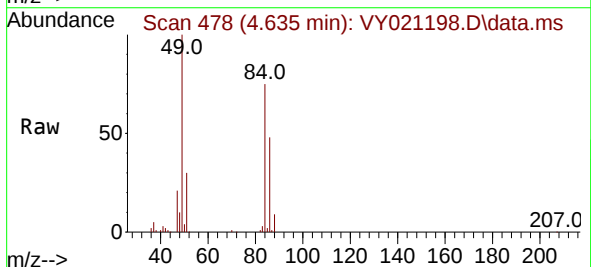
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

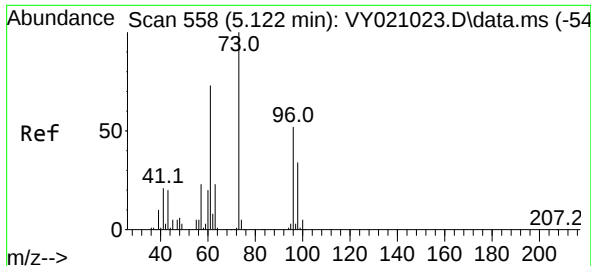
Tgt Ion: 73 Resp: 151545
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 51.000 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 84 Resp: 64239
Ion Ratio Lower Upper
84 100
49 133.6 95.2 142.8
51 39.7 29.9 44.9
86 64.6 52.2 78.4

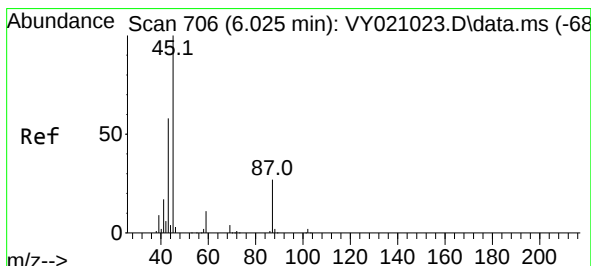
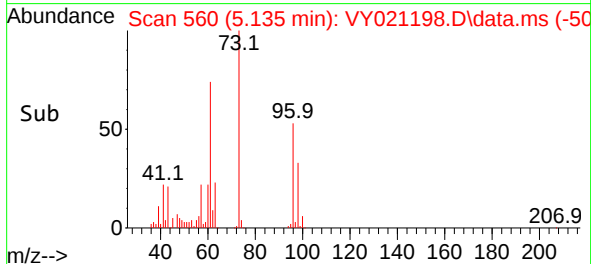
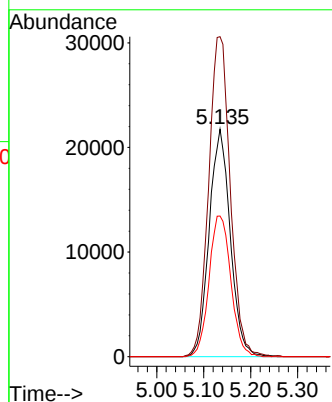
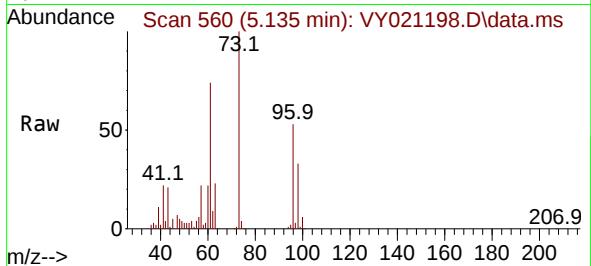




#21
trans-1,2-Dichloroethene
Concen: 50.858 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

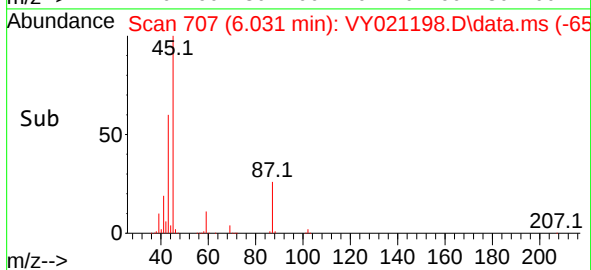
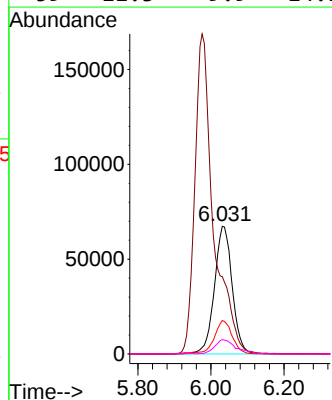
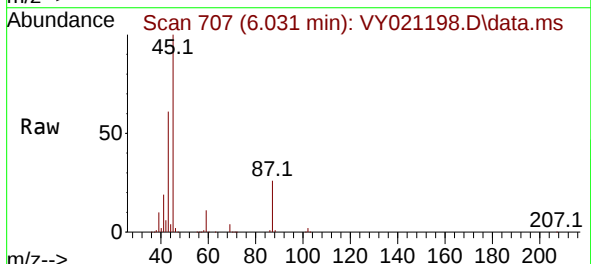
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

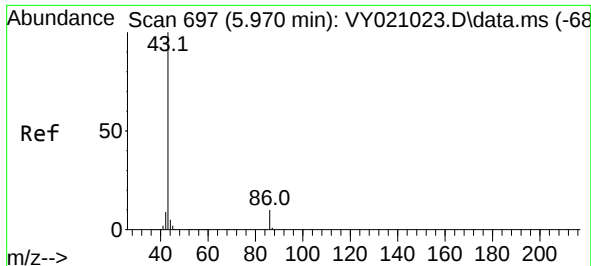
Tgt Ion: 96 Resp: 67688
Ion Ratio Lower Upper
96 100
61 140.7 104.6 156.8
98 61.9 50.9 76.3



#22
Diisopropyl ether
Concen: 54.087 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 45 Resp: 227177
Ion Ratio Lower Upper
45 100
43 60.1 46.8 70.2
87 26.2 22.2 33.2
59 11.3 9.9 14.9

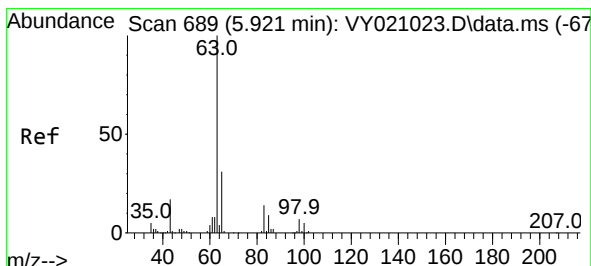
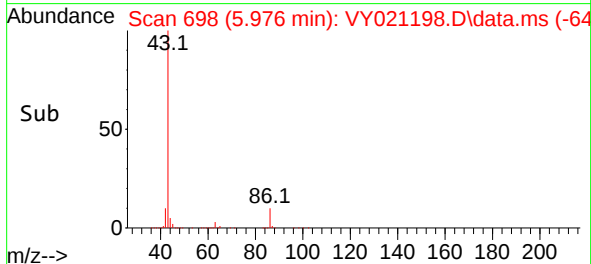
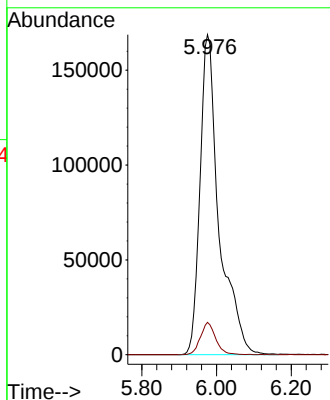
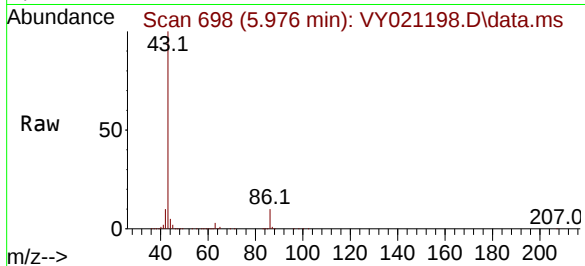




#23
 Vinyl Acetate
 Concen: 255.654 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

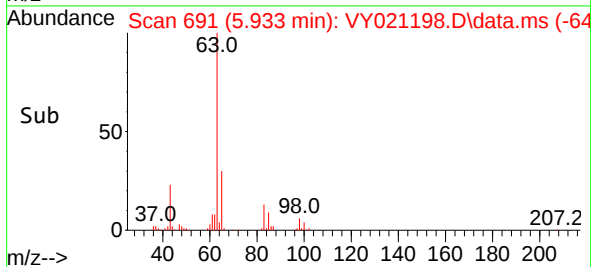
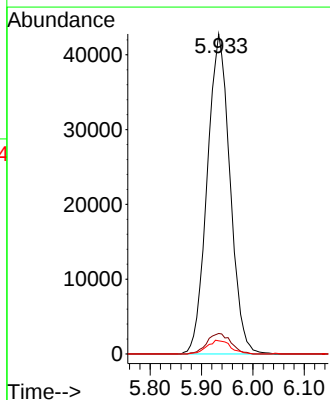
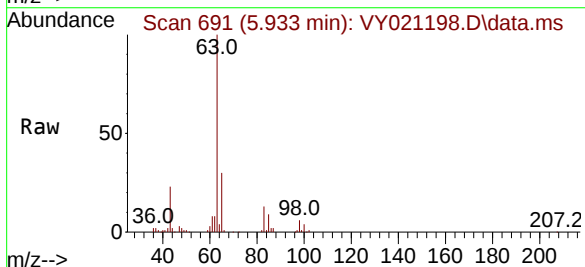
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

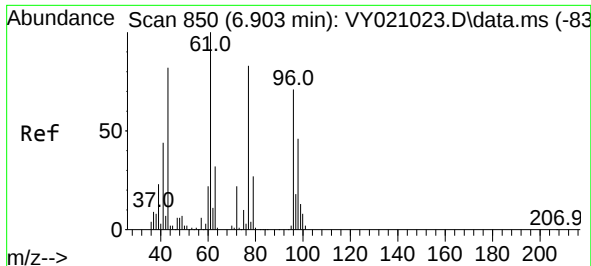
Tgt Ion: 43 Resp: 598606
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 53.532 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

Tgt Ion: 63 Resp: 131735
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 248.356 ug/l

RT: 6.909 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

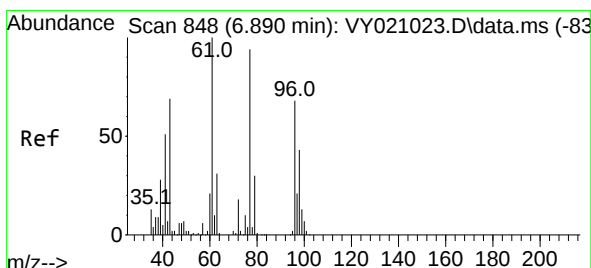
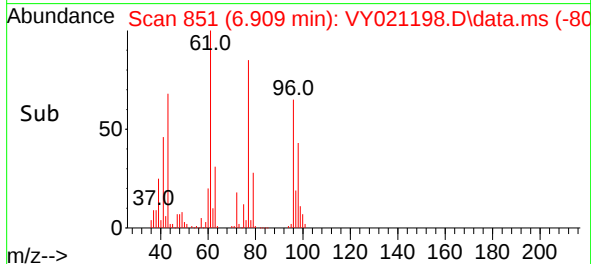
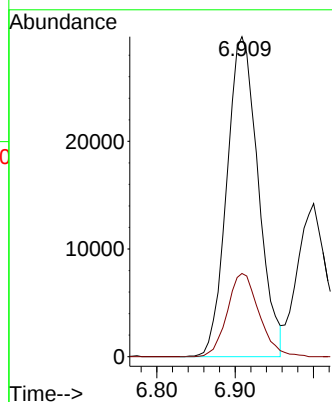
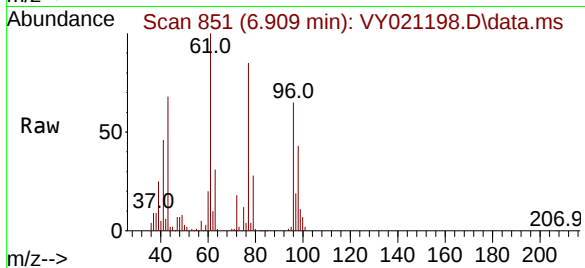
VSTDCCC050

Tgt Ion: 43 Resp: 82691

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 53.973 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021198.D

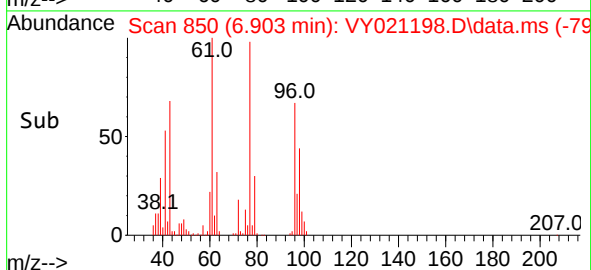
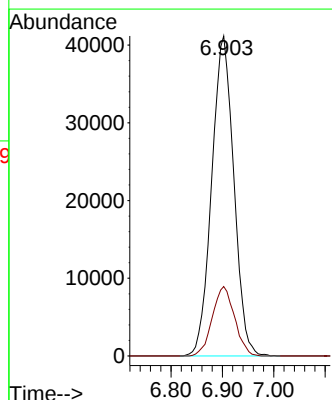
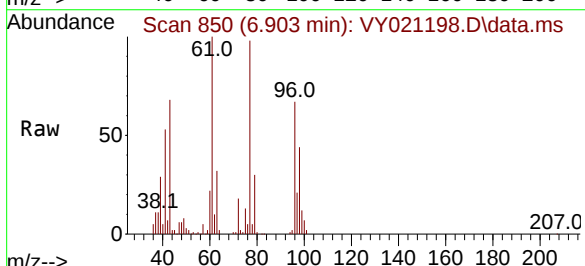
Acq: 14 Feb 2025 09:06

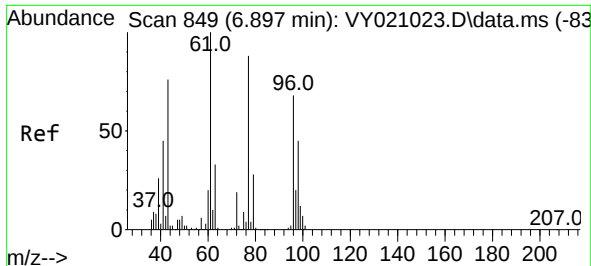
Tgt Ion: 77 Resp: 122897

Ion Ratio Lower Upper

77 100

97 21.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.436 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

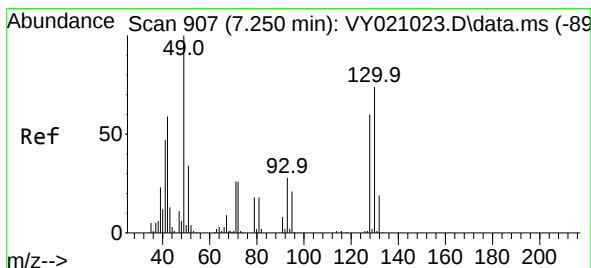
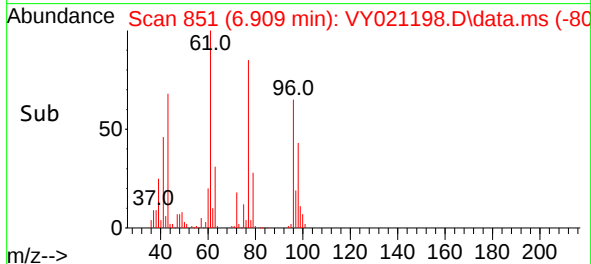
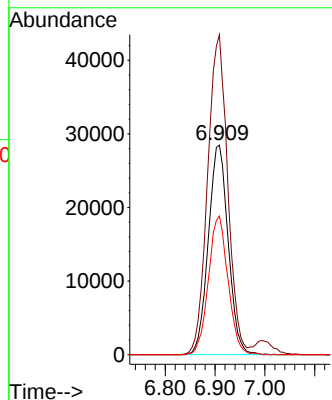
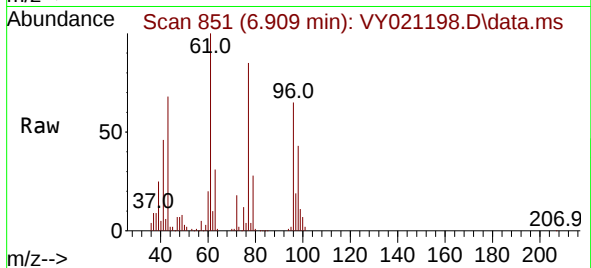
Tgt Ion: 96 Resp: 78796

Ion Ratio Lower Upper

96 100

61 155.1 0.0 278.8

98 65.2 0.0 127.0



#28

Bromochloromethane

Concen: 53.672 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

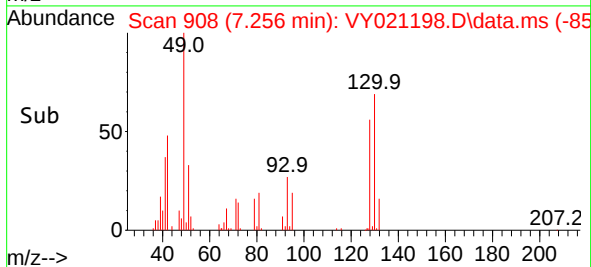
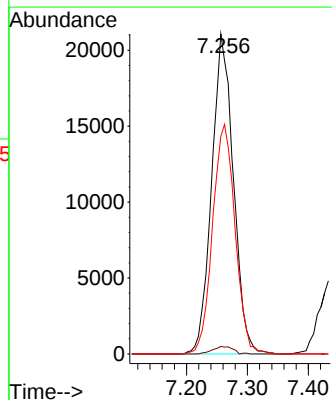
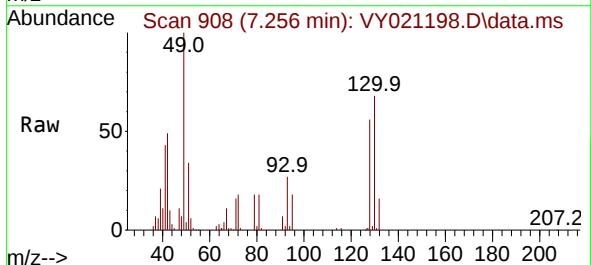
Tgt Ion: 49 Resp: 52228

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 74.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 237.676 ug/l

RT: 7.281 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

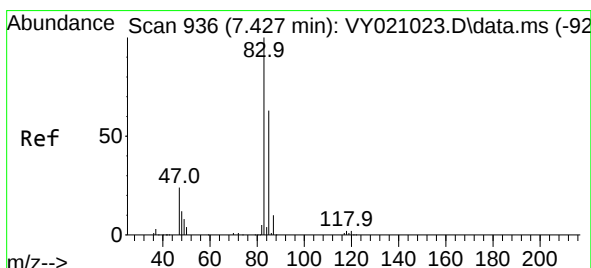
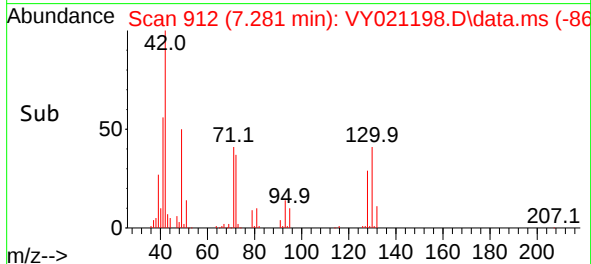
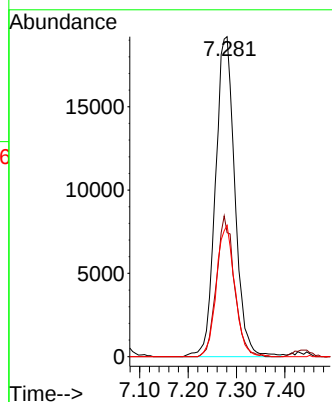
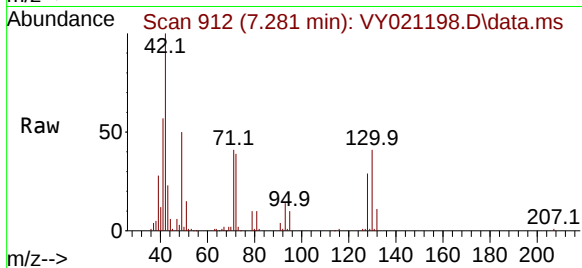
Tgt Ion: 42 Resp: 53548

Ion Ratio Lower Upper

42 100

72 40.5 36.6 54.8

71 39.0 33.8 50.6



#30

Chloroform

Concen: 53.889 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021198.D

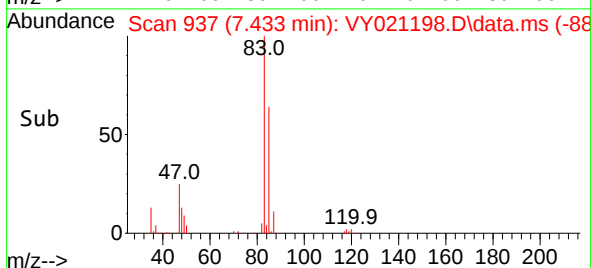
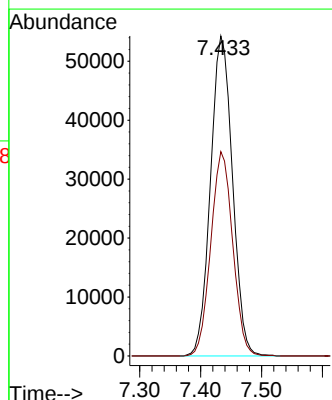
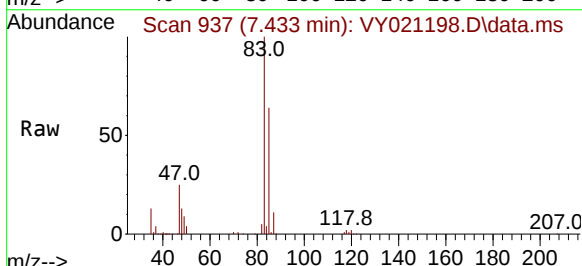
Acq: 14 Feb 2025 09:06

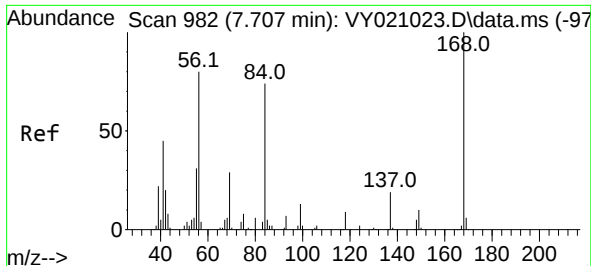
Tgt Ion: 83 Resp: 136214

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8

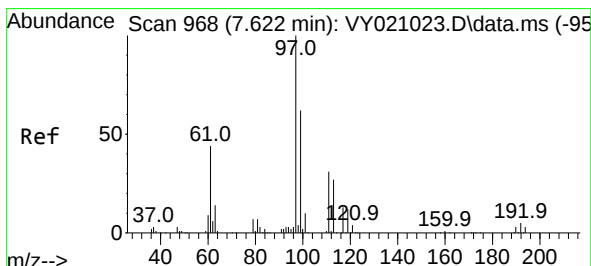
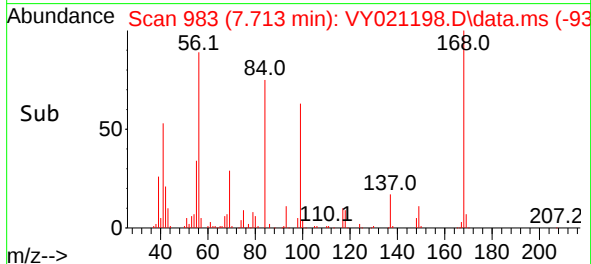
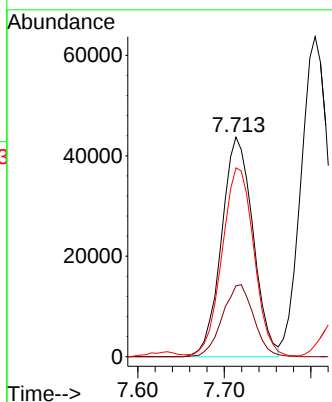
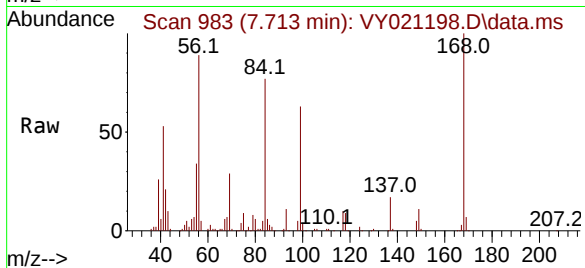




#31
Cyclohexane
Concen: 49.901 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

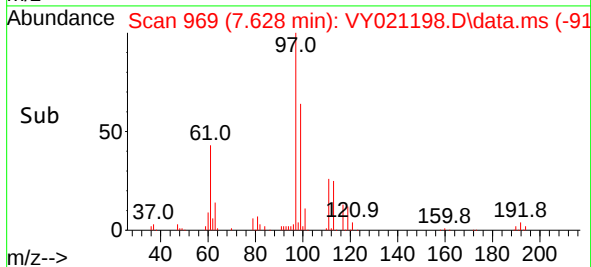
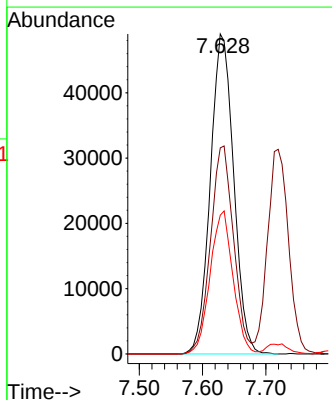
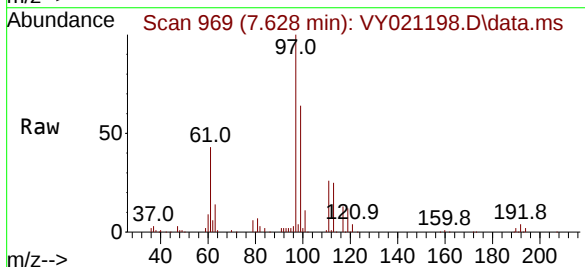
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

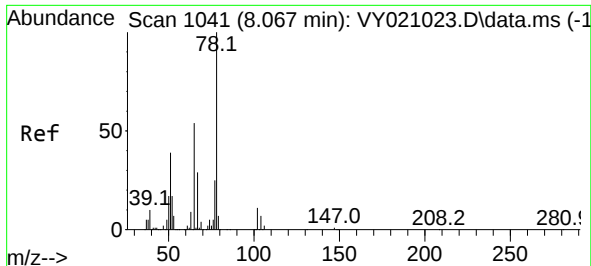
Tgt Ion: 56 Resp: 110584
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.6
84 84.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 53.566 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 97 Resp: 125883
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.901 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

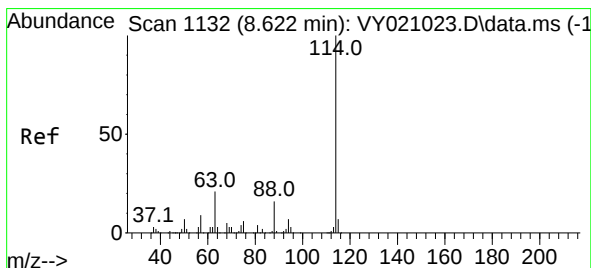
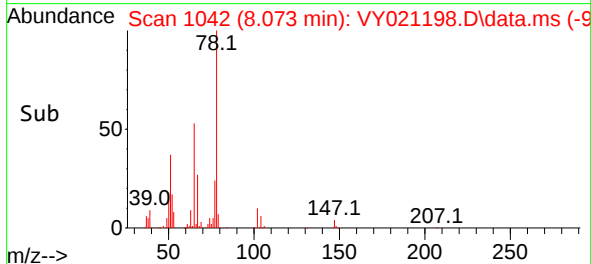
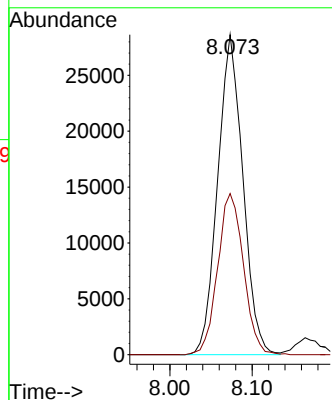
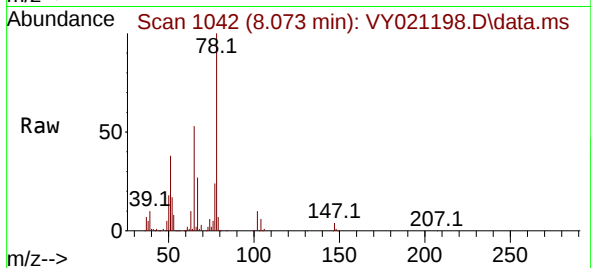
VSTDCCC050

Tgt Ion: 65 Resp: 60937

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

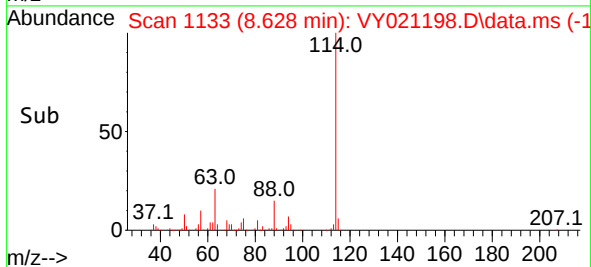
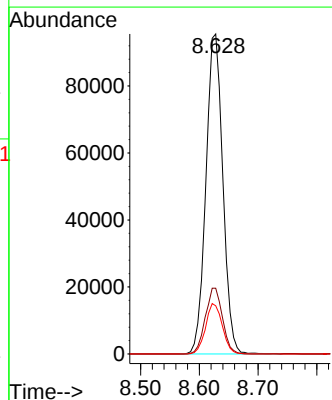
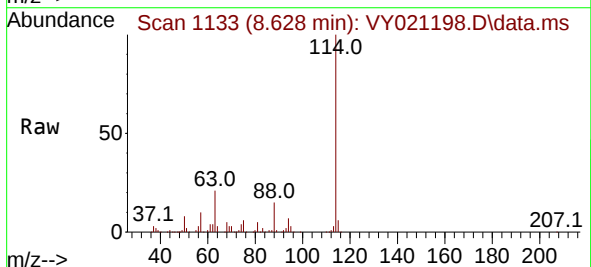
Tgt Ion:114 Resp: 191284

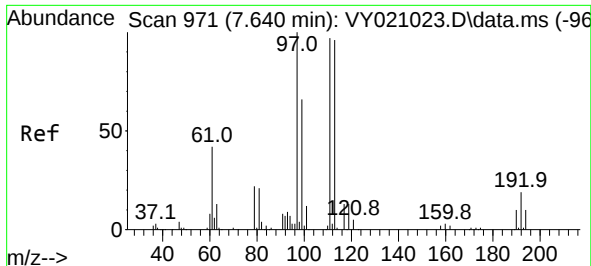
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.1 0.0 29.0

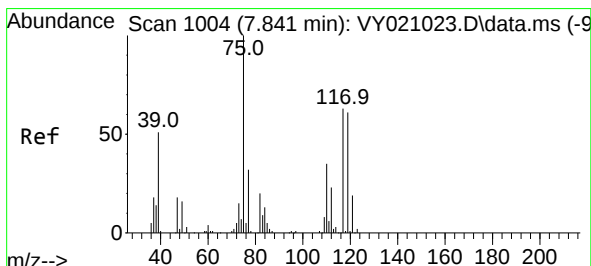
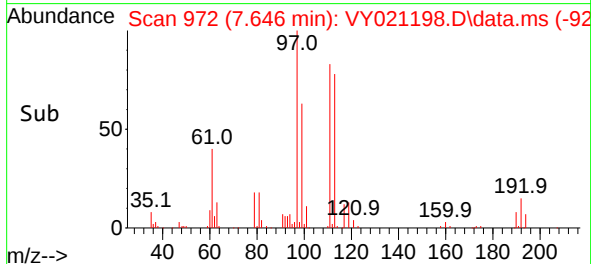
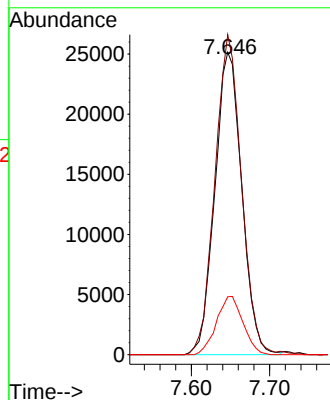
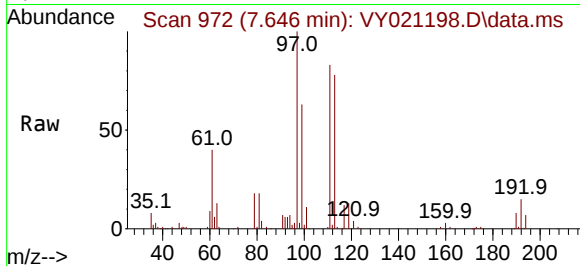




#35
Dibromofluoromethane
Concen: 49.044 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

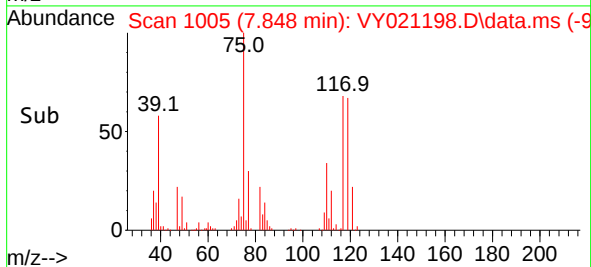
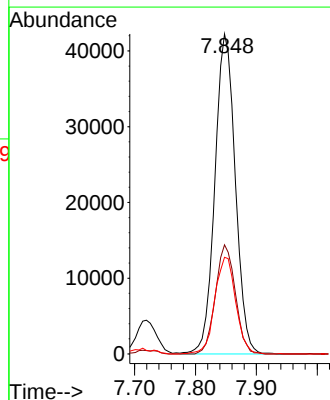
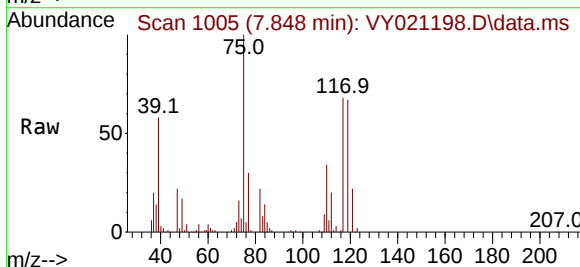
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

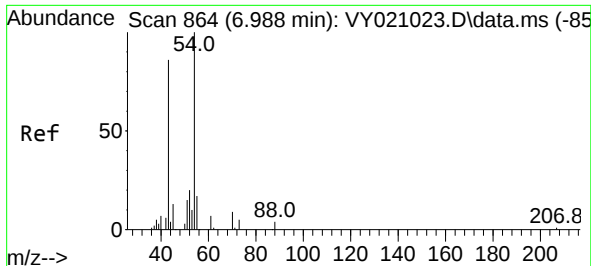
Tgt Ion:113 Resp: 60122
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 19.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.173 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 75 Resp: 98365
Ion Ratio Lower Upper
75 100
110 33.2 17.4 52.3
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 48.537 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

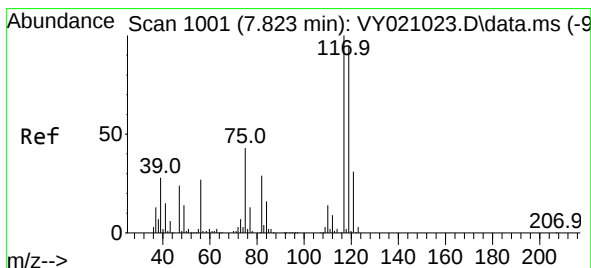
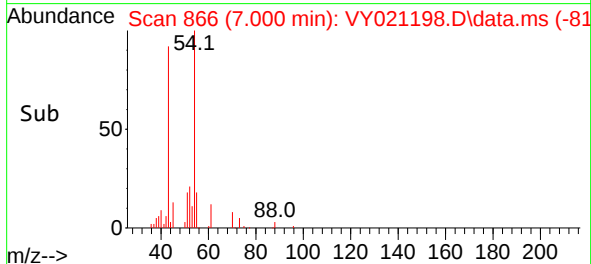
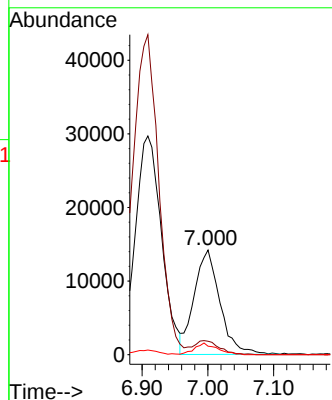
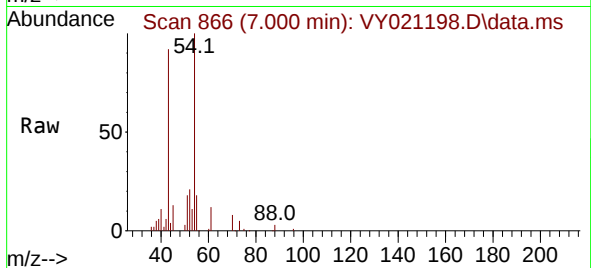
Tgt Ion: 43 Resp: 38662

Ion Ratio Lower Upper

43 100

61 12.1 11.0 16.6

70 9.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 54.629 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

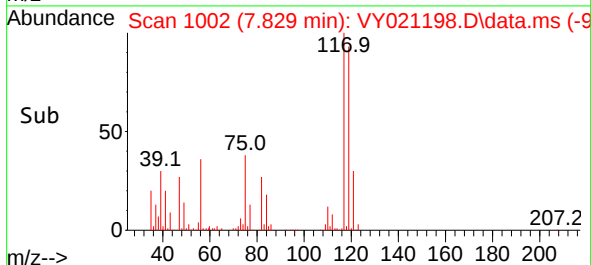
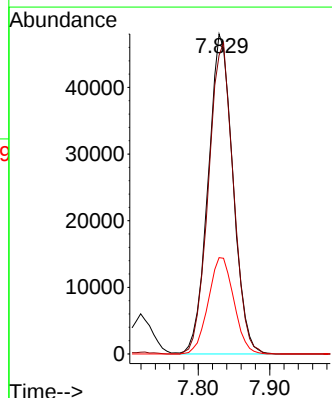
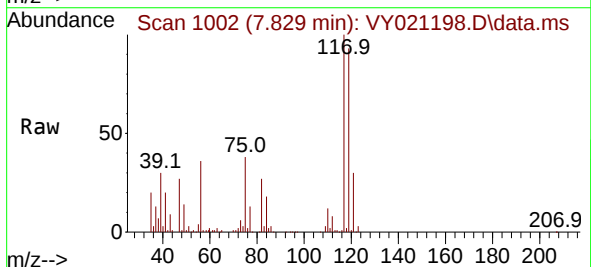
Tgt Ion: 117 Resp: 115902

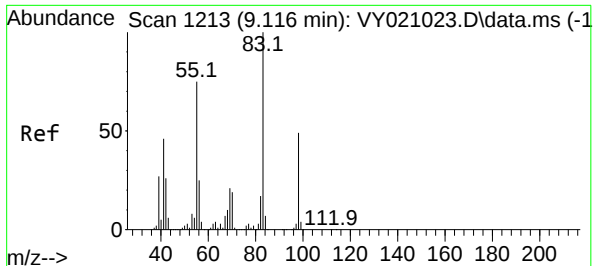
Ion Ratio Lower Upper

117 100

119 93.4 76.0 114.0

121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 53.345 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

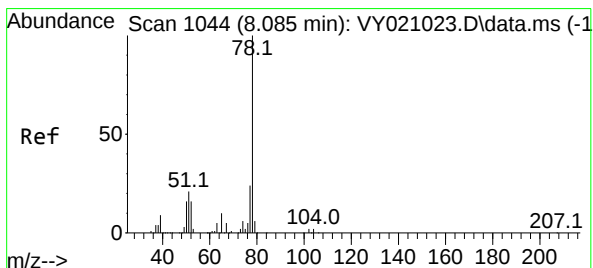
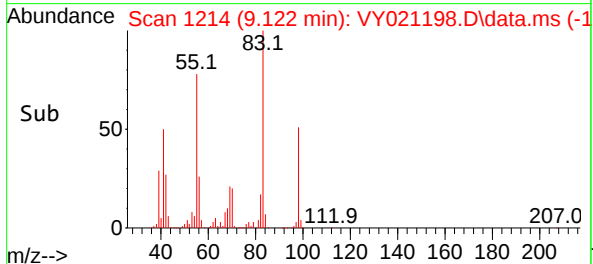
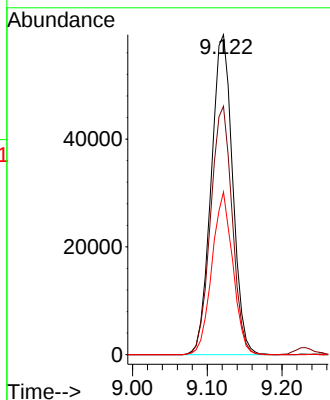
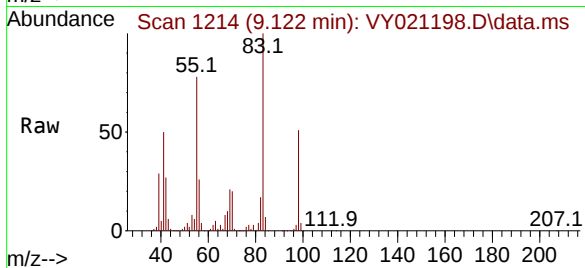
Tgt Ion: 83 Resp: 118479

Ion Ratio Lower Upper

83 100

55 77.6 59.7 89.5

98 50.8 38.0 57.0



#40

Benzene

Concen: 53.935 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021198.D

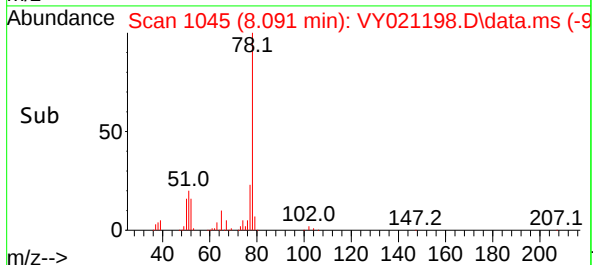
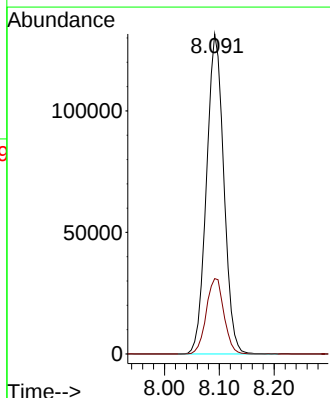
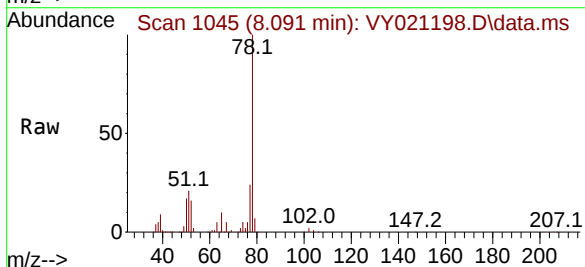
Acq: 14 Feb 2025 09:06

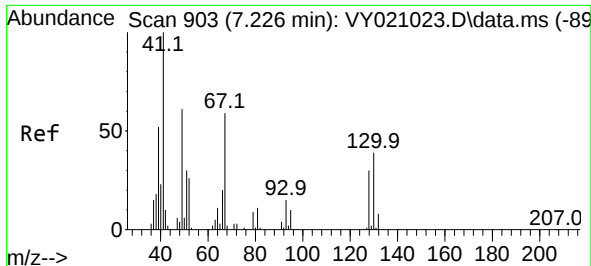
Tgt Ion: 78 Resp: 287395

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

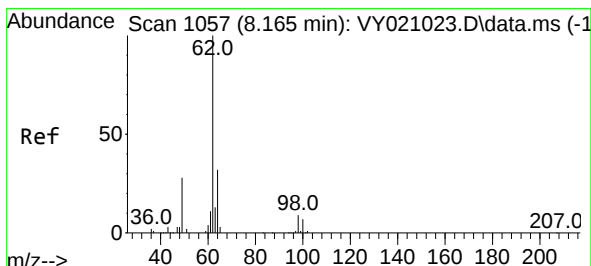
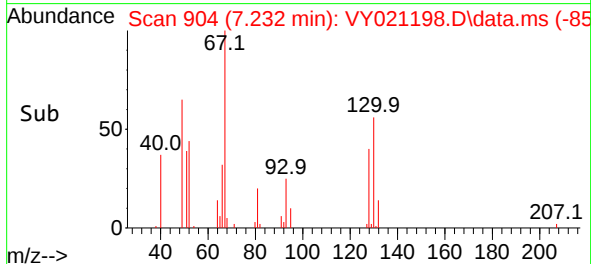
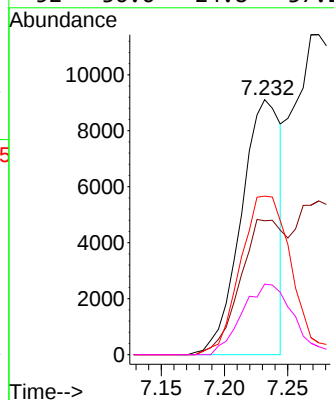
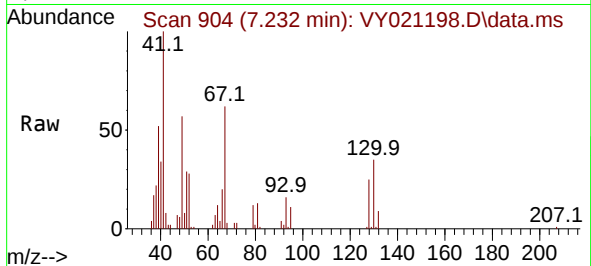




#41
Methacrylonitrile
Concen: 42.745 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

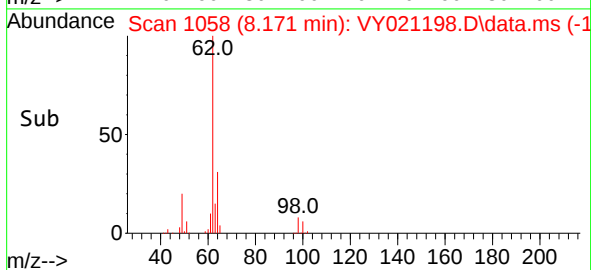
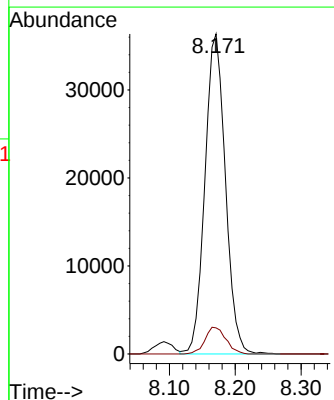
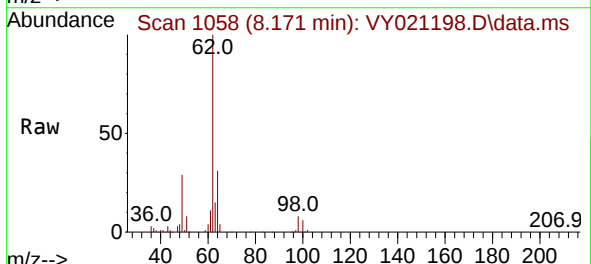
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

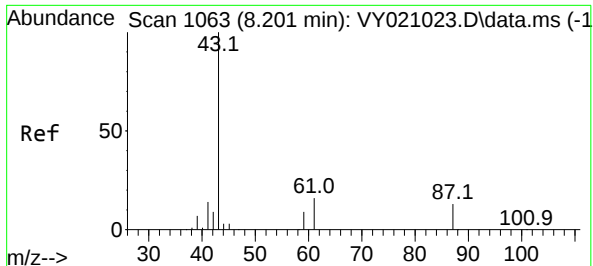
Tgt Ion:	41	Resp:	19698
Ion Ratio	Lower	Upper	
41	100		
39	62.0	41.9	62.9
67	81.1	59.8	89.6
52	36.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 53.288 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion:	62	Resp:	78768
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 49.270 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

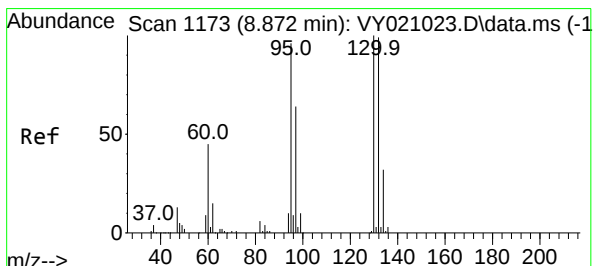
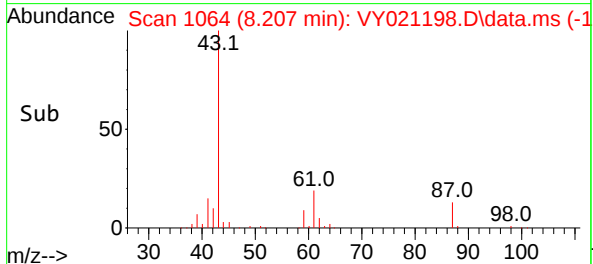
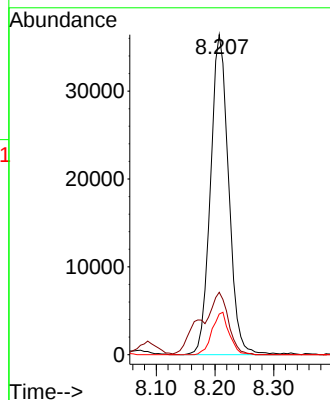
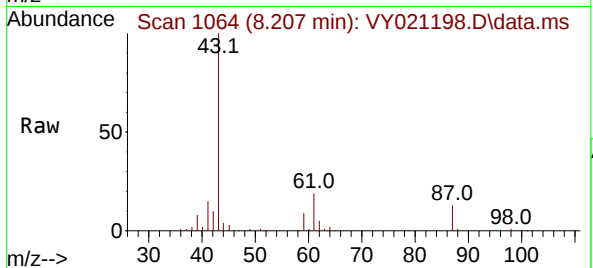
Tgt Ion: 43 Resp: 77983

Ion Ratio Lower Upper

43 100

61 19.3 24.8 37.2#

87 12.5 10.7 16.1



#44

Trichloroethene

Concen: 52.523 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY021198.D

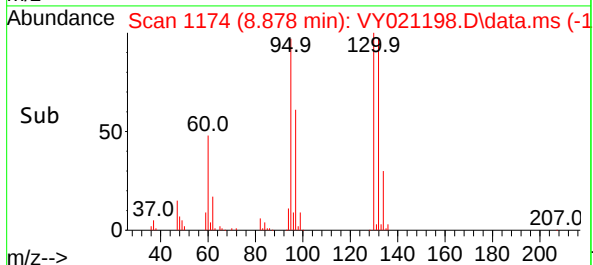
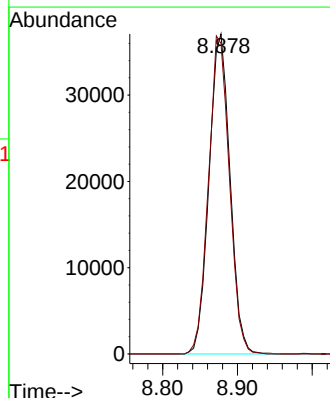
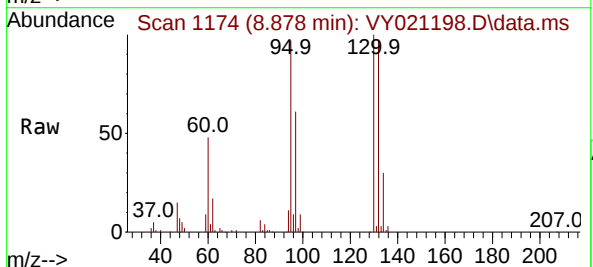
Acq: 14 Feb 2025 09:06

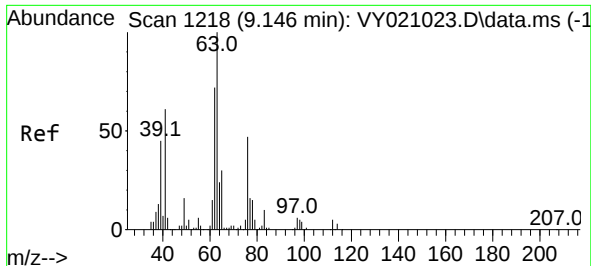
Tgt Ion:130 Resp: 72308

Ion Ratio Lower Upper

130 100

95 97.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 53.848 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

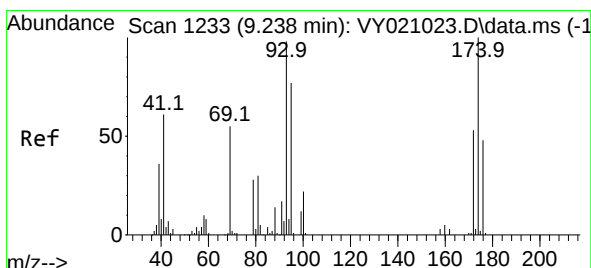
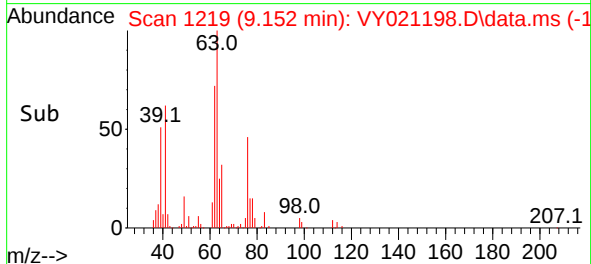
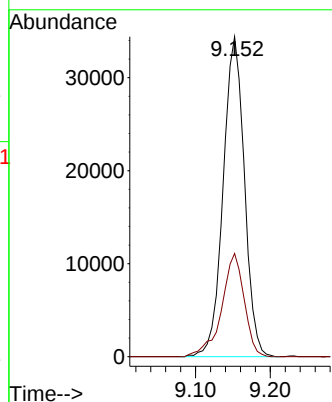
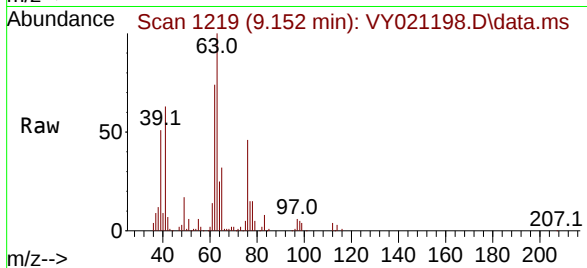
VSTDCCC050

Tgt Ion: 63 Resp: 68103

Ion Ratio Lower Upper

63 100

65 32.3 24.6 36.8



#46

Dibromomethane

Concen: 50.282 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

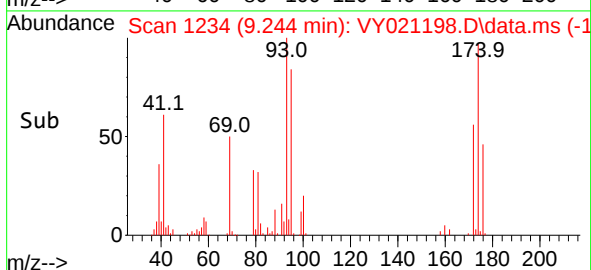
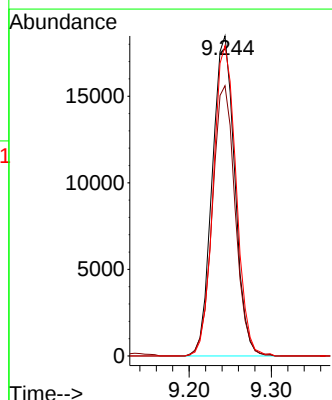
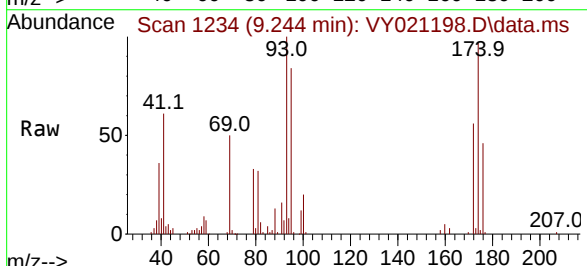
Tgt Ion: 93 Resp: 35210

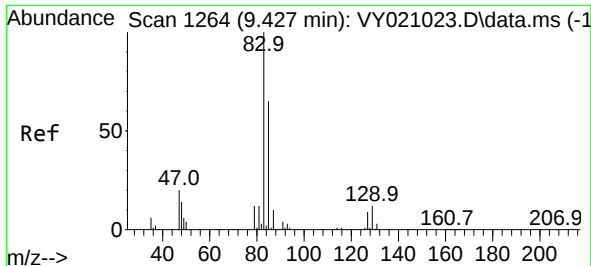
Ion Ratio Lower Upper

93 100

95 85.2 66.6 99.8

174 98.1 73.8 110.6

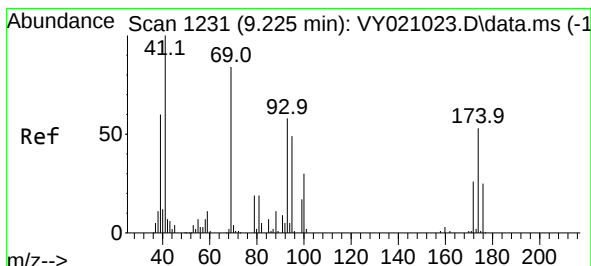
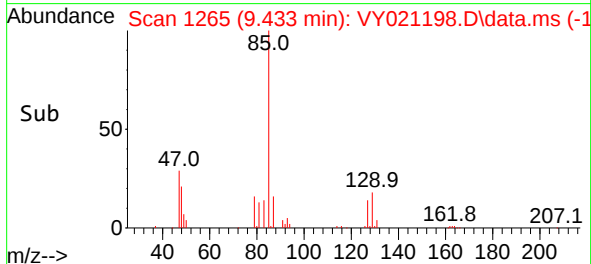
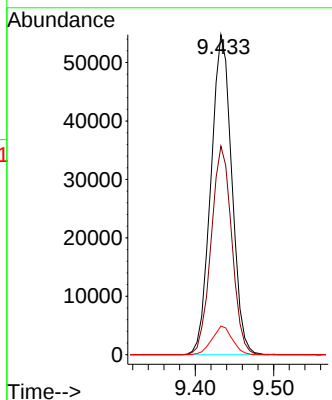
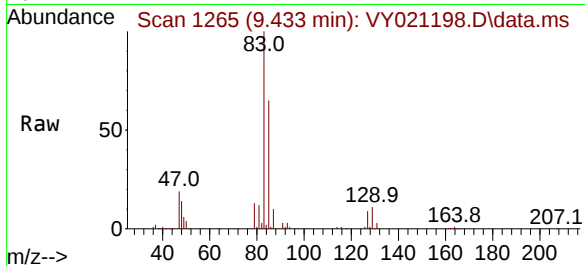




#47
 Bromodichloromethane
 Concen: 54.003 ug/l
 RT: 9.433 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

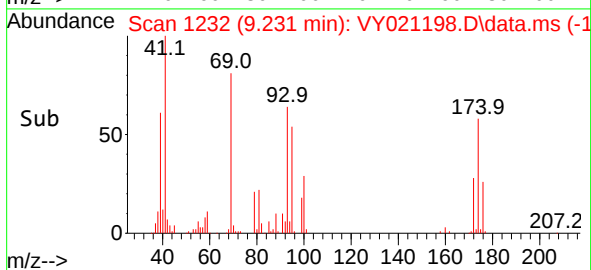
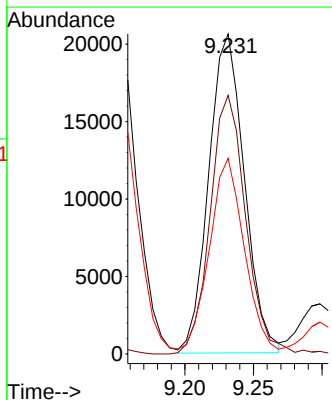
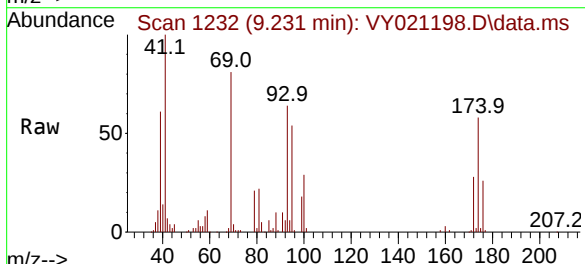
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 101420
 Ion Ratio Lower Upper
 83 100
 85 65.2 53.2 79.8
 127 9.0 6.4 9.6



#48
 Methyl methacrylate
 Concen: 51.674 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.006 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

Tgt Ion: 41 Resp: 37255
 Ion Ratio Lower Upper
 41 100
 69 81.6 72.1 108.1
 39 57.7 42.8 64.2





#49

1,4-Dioxane

Concen: 968.576 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

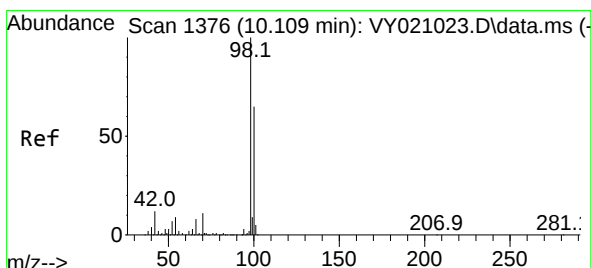
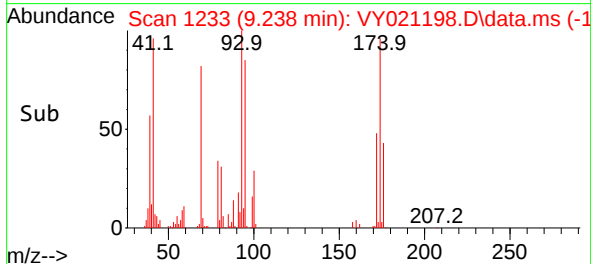
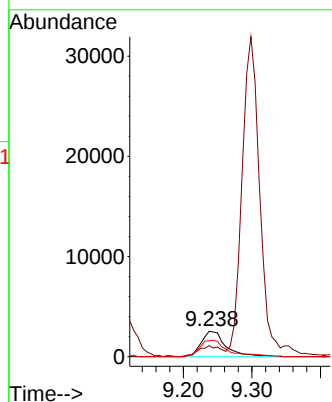
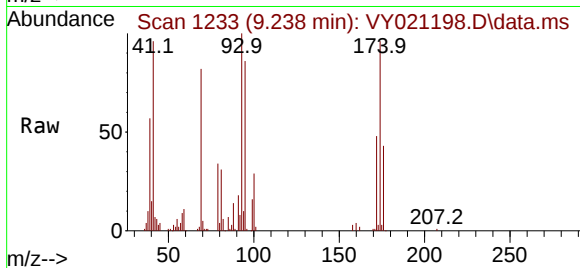
Tgt Ion: 88 Resp: 6314

Ion Ratio Lower Upper

88 100

43 39.7 28.2 42.4

58 74.8 52.2 78.2



#50

Toluene-d8

Concen: 48.888 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021198.D

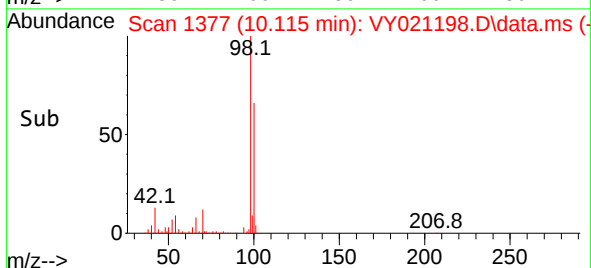
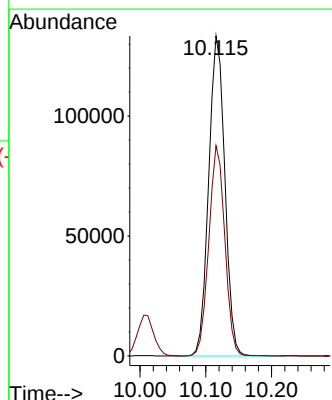
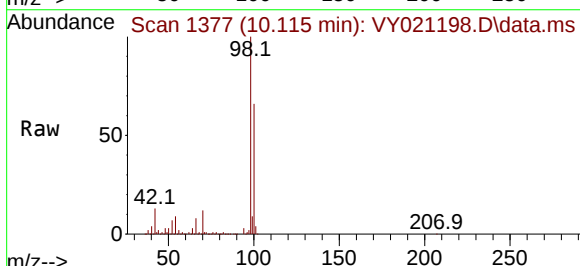
Acq: 14 Feb 2025 09:06

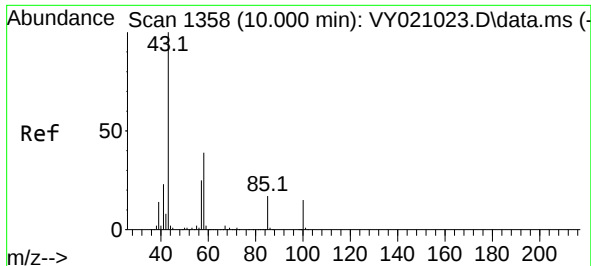
Tgt Ion: 98 Resp: 228160

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

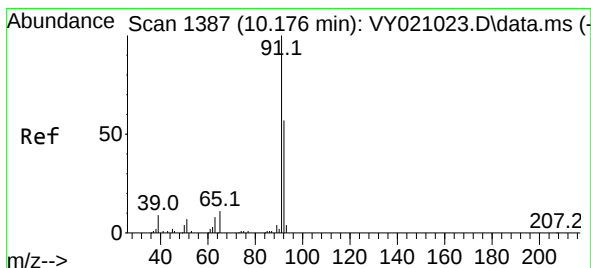
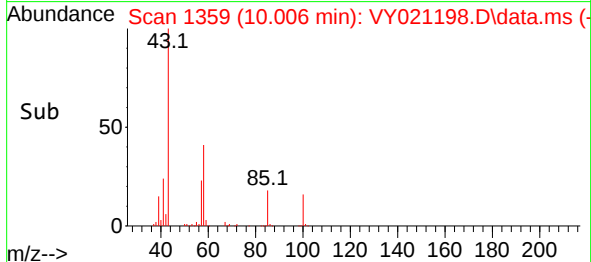
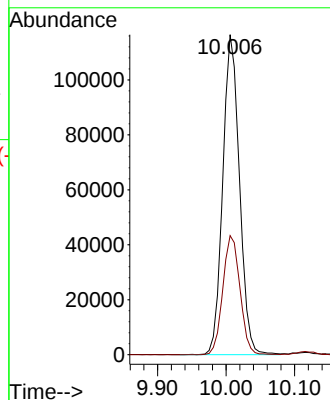
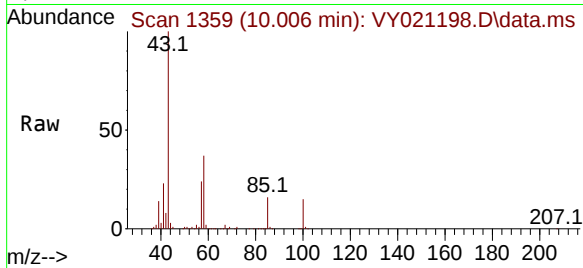




#51
4-Methyl-2-Pentanone
Concen: 247.016 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

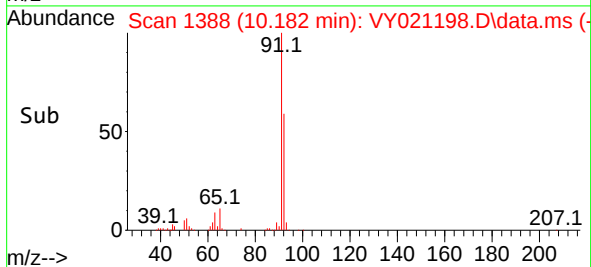
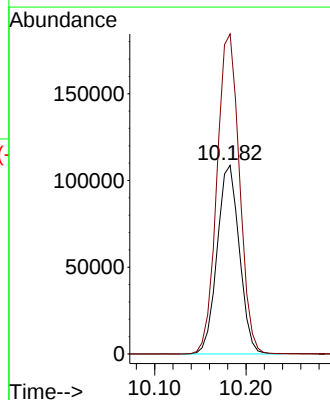
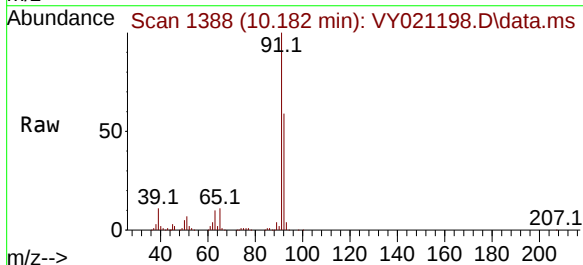
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

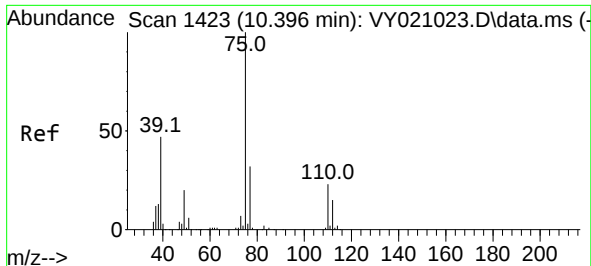
Tgt Ion: 43 Resp: 196604
Ion Ratio Lower Upper
43 100
58 38.2 32.2 48.2



#52
Toluene
Concen: 54.792 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 92 Resp: 183322
Ion Ratio Lower Upper
92 100
91 172.5 137.6 206.4

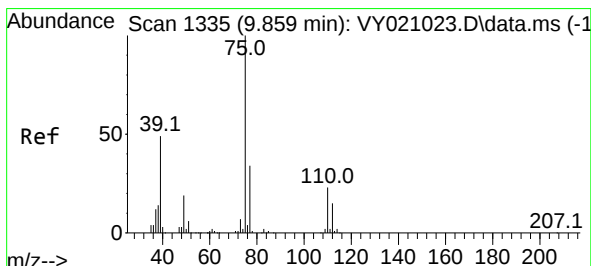
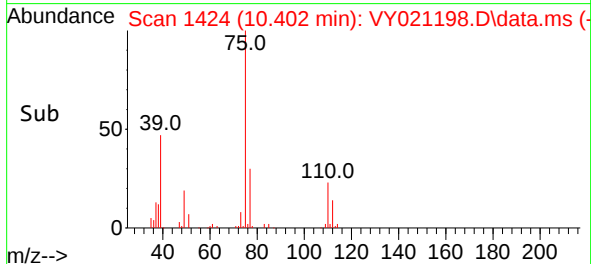
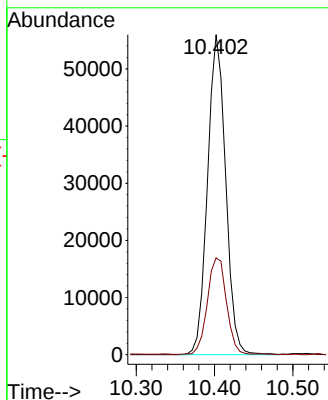
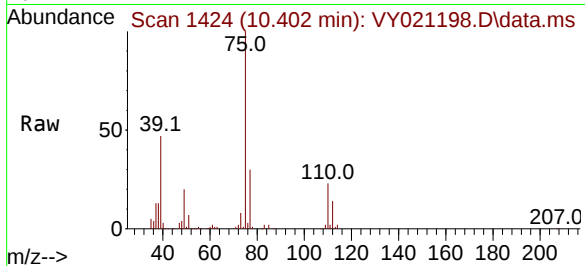




#53
 t-1,3-Dichloropropene
 Concen: 53.291 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

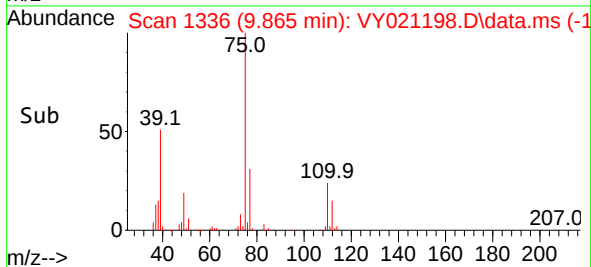
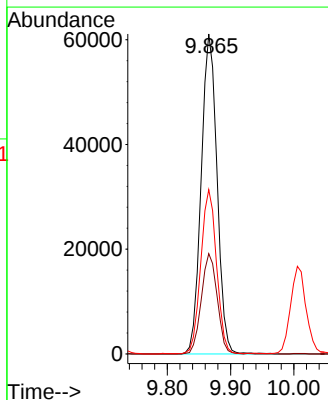
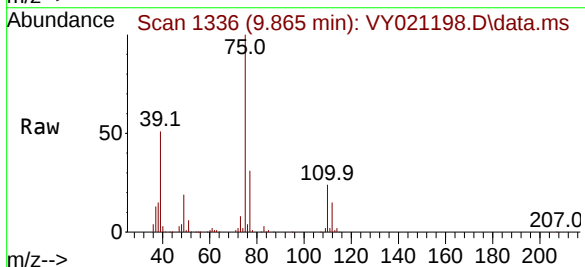
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

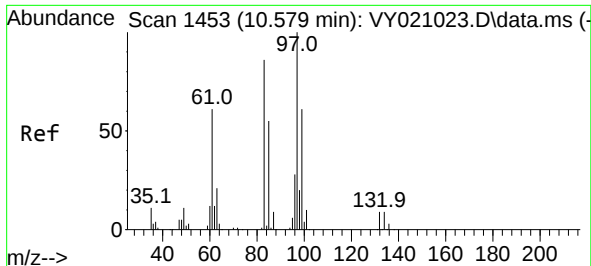
Tgt Ion: 75 Resp: 89867
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.386 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

Tgt Ion: 75 Resp: 106593
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 51.2 33.6 50.4#

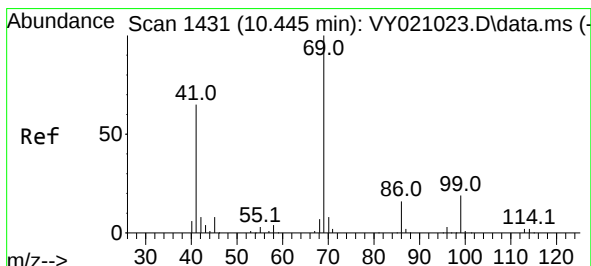
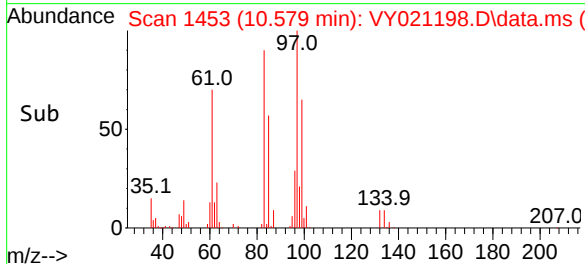
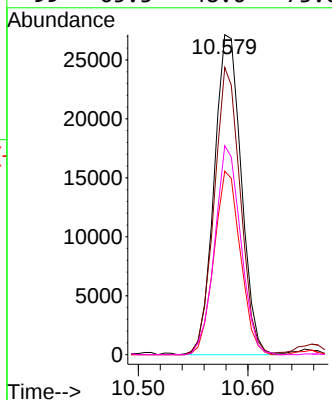
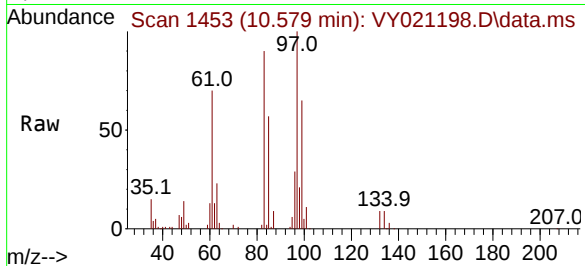




#55
1,1,2-Trichloroethane
Concen: 51.368 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

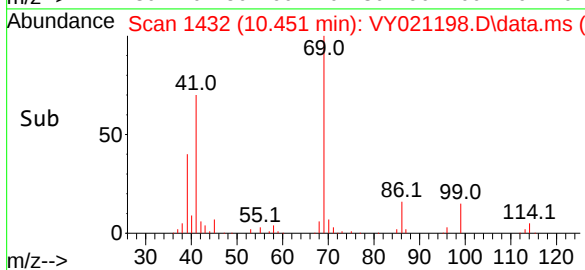
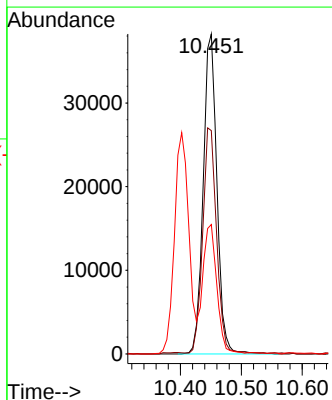
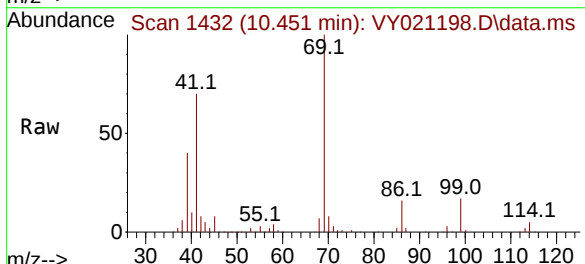
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

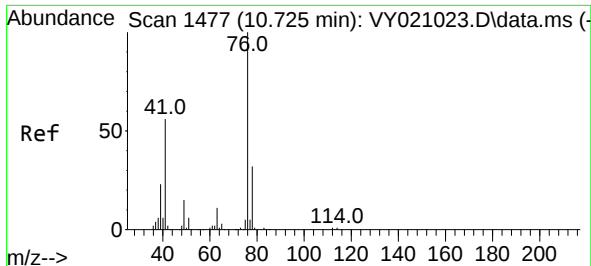
Tgt Ion:	97	Resp:	46580
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.4	104.2
85	57.4	43.9	65.9
99	65.3	48.6	73.0



#56
Ethyl methacrylate
Concen: 49.300 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion:	69	Resp:	59805
Ion	Ratio	Lower	Upper
69	100		
41	71.1	49.2	73.8
39	40.9	26.8	40.2





#57

1,3-Dichloropropane

Concen: 52.123 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

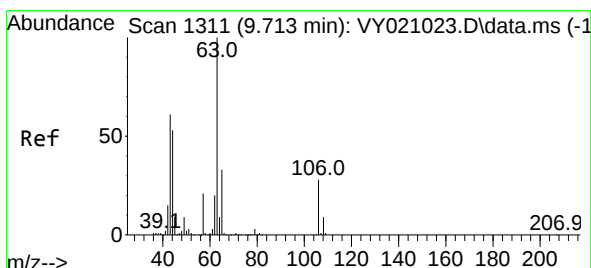
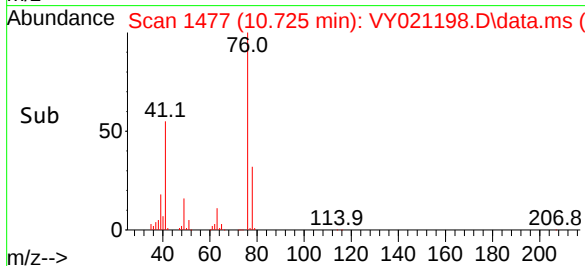
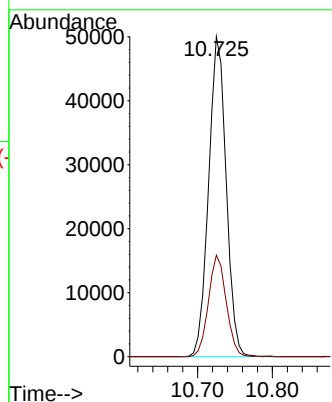
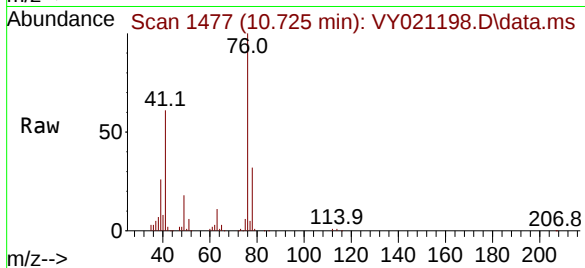
VSTDCCC050

Tgt Ion: 76 Resp: 81809

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 253.477 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021198.D

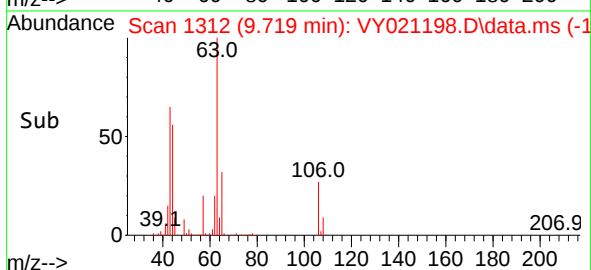
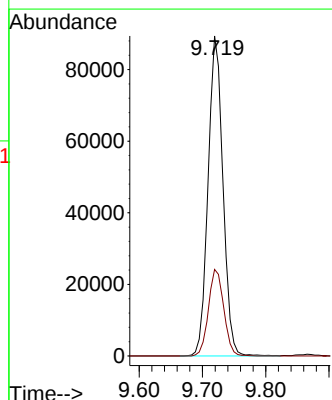
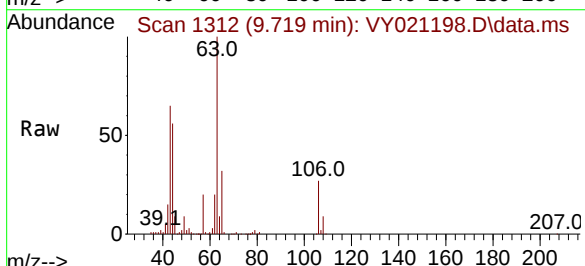
Acq: 14 Feb 2025 09:06

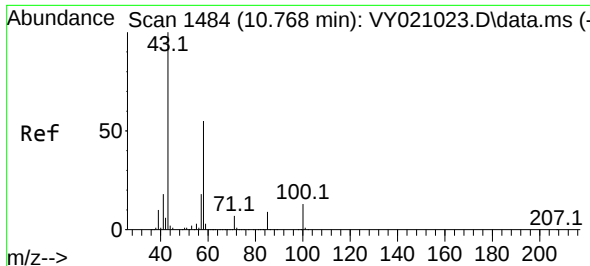
Tgt Ion: 63 Resp: 146286

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

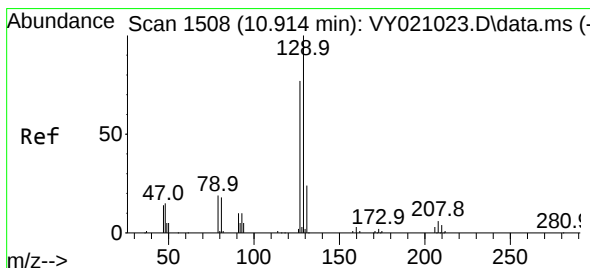
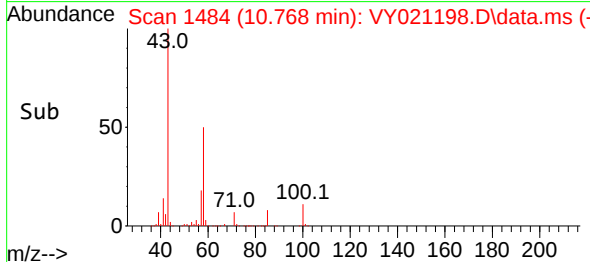
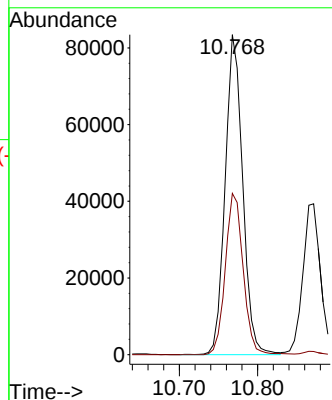
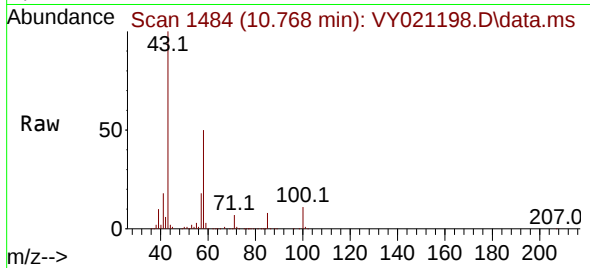




#59
2-Hexanone
Concen: 253.639 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

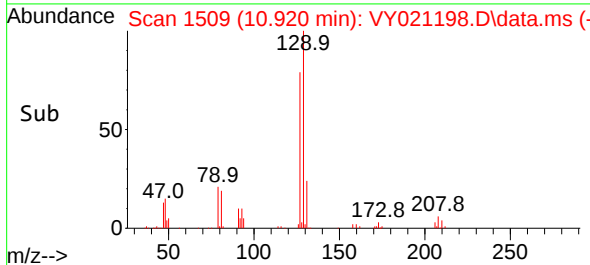
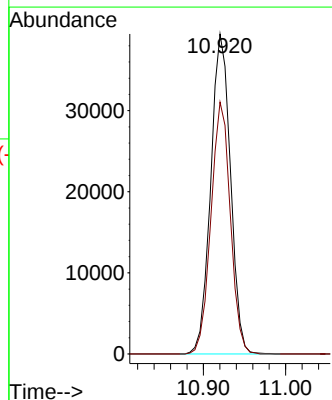
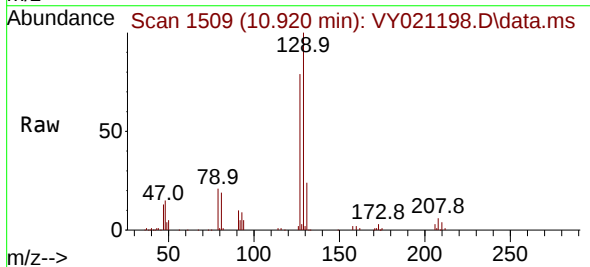
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

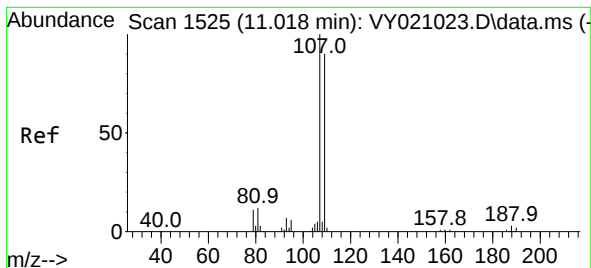
Tgt Ion: 43 Resp: 129980
Ion Ratio Lower Upper
43 100
58 51.4 28.1 84.3



#60
Dibromochloromethane
Concen: 51.622 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 129 Resp: 65738
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6

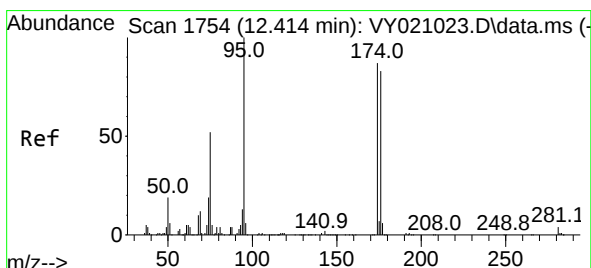
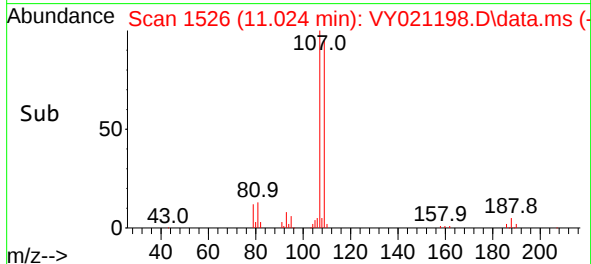
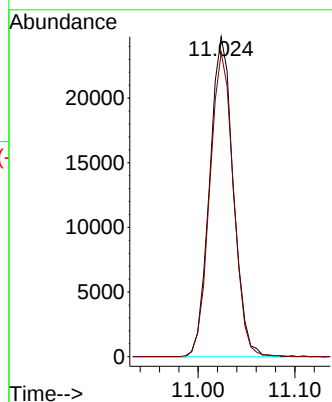
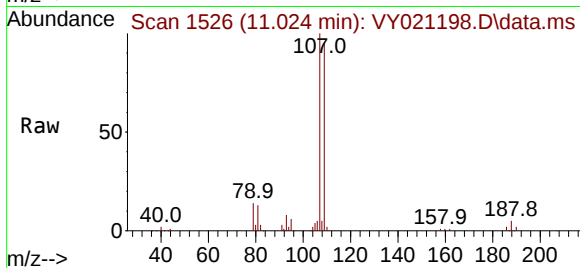




#61
1,2-Dibromoethane
Concen: 49.438 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

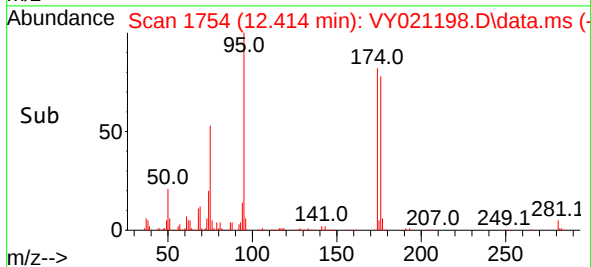
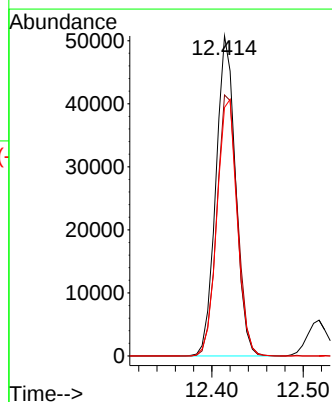
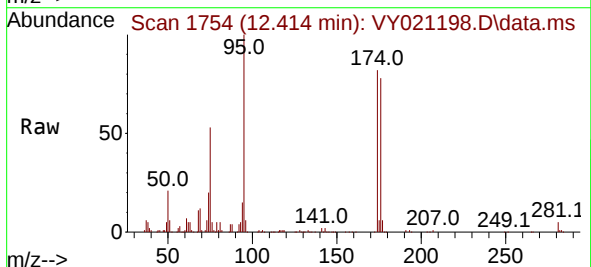
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

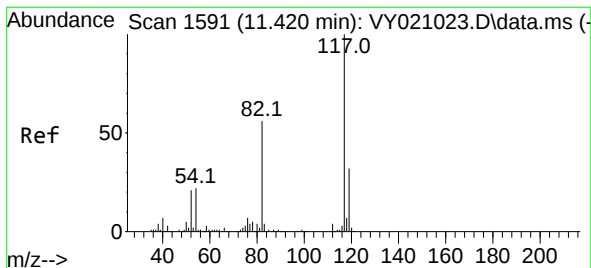
Tgt Ion:107 Resp: 41991
Ion Ratio Lower Upper
107 100
109 95.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 95 Resp: 75800
Ion Ratio Lower Upper
95 100
174 85.7 0.0 160.0
176 82.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

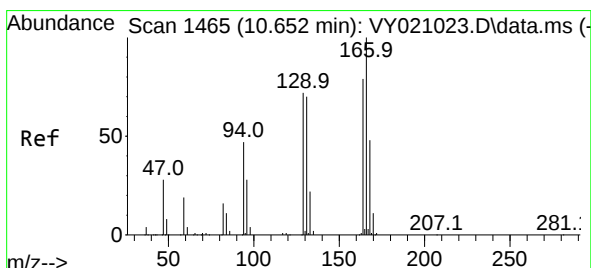
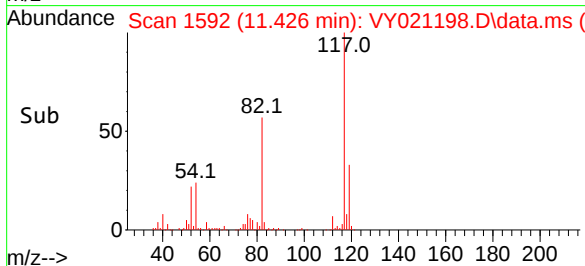
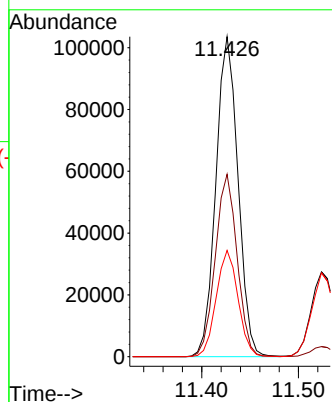
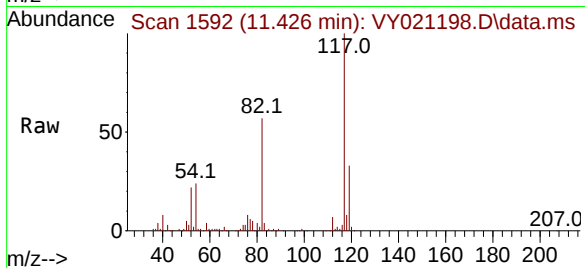
Tgt Ion:117 Resp: 164488

Ion Ratio Lower Upper

117 100

82 57.0 43.8 65.8

119 33.2 26.5 39.7



#64

Tetrachloroethene

Concen: 53.885 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Tgt Ion:164 Resp: 65797

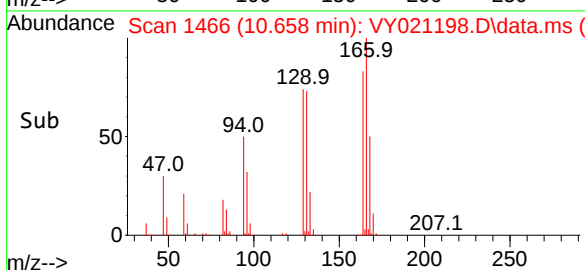
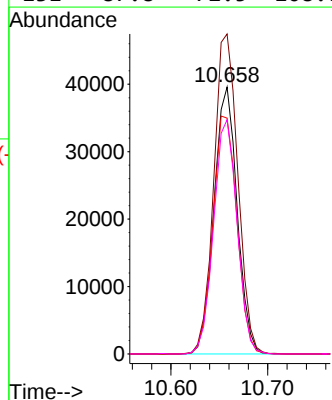
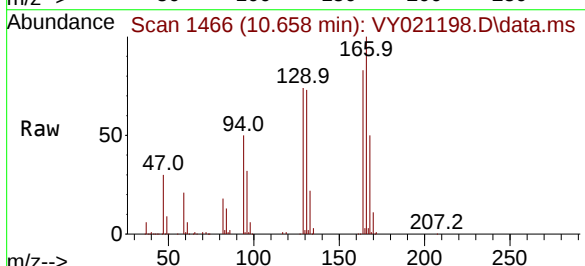
Ion Ratio Lower Upper

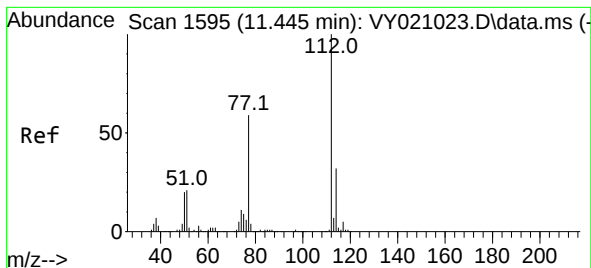
164 100

166 119.9 98.8 148.2

129 88.4 78.9 118.3

131 87.8 72.5 108.7





#65

Chlorobenzene

Concen: 53.030 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

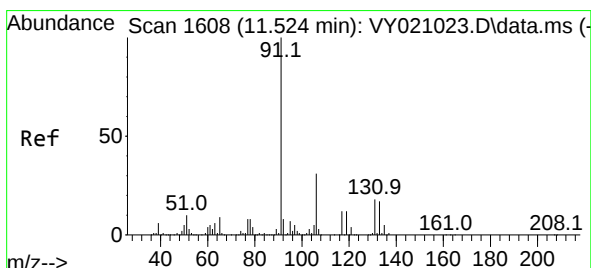
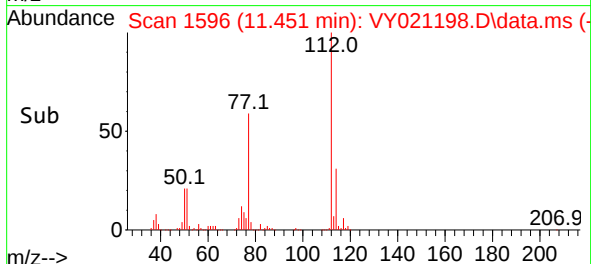
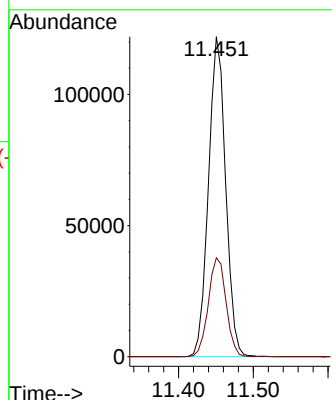
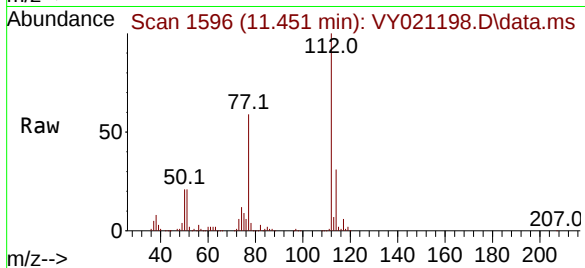
VSTDCCC050

Tgt Ion:112 Resp: 194228

Ion Ratio Lower Upper

112 100

114 30.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.764 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

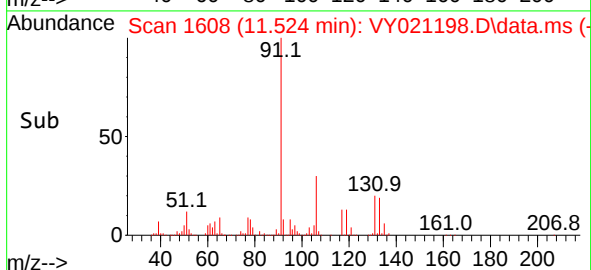
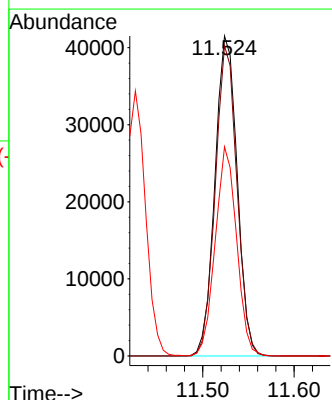
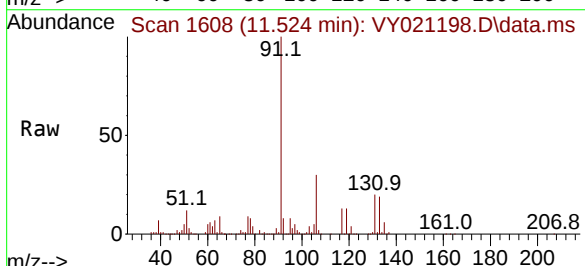
Tgt Ion:131 Resp: 69979

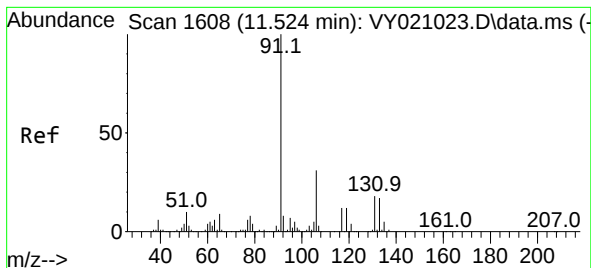
Ion Ratio Lower Upper

131 100

133 94.9 47.0 141.0

119 63.2 33.3 99.9





#67

Ethyl Benzene

Concen: 55.244 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

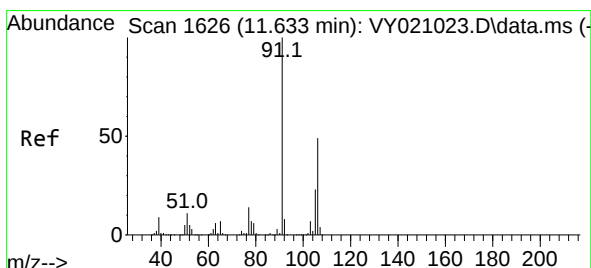
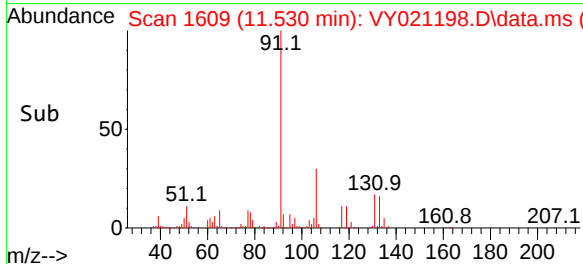
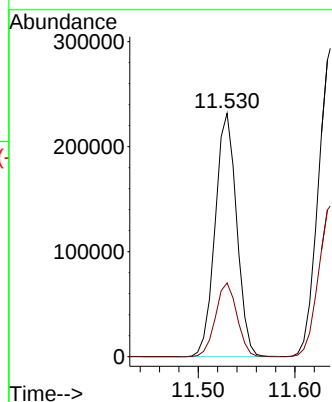
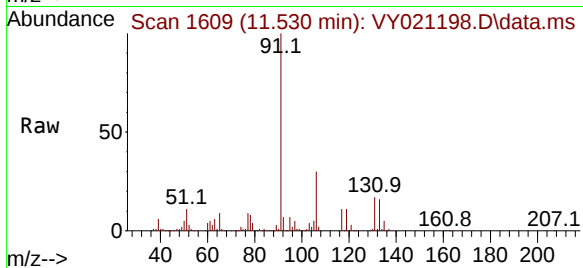
VSTDCCC050

Tgt Ion: 91 Resp: 357878

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 110.249 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021198.D

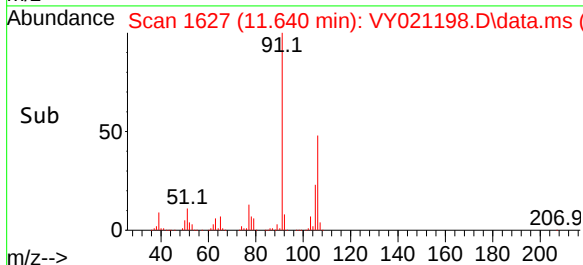
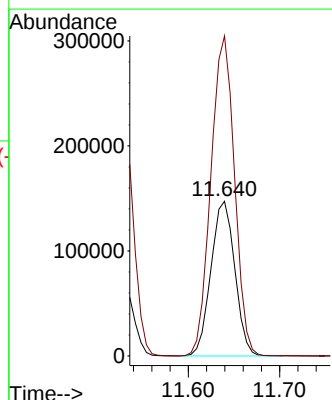
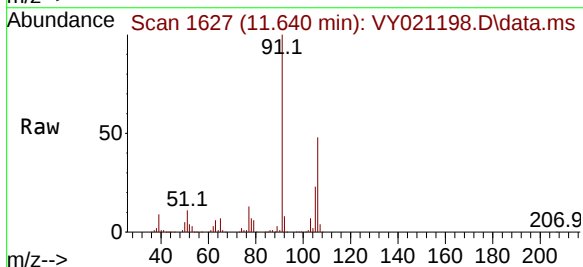
Acq: 14 Feb 2025 09:06

Tgt Ion:106 Resp: 267186

Ion Ratio Lower Upper

106 100

91 204.8 160.7 241.1

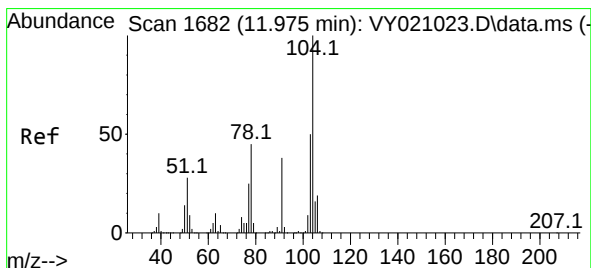
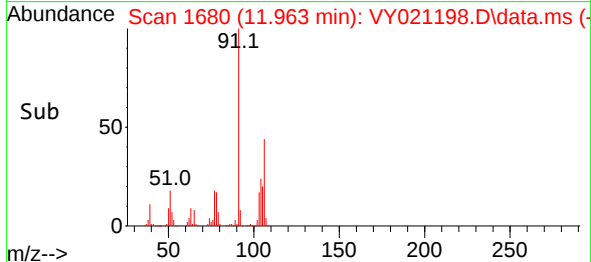
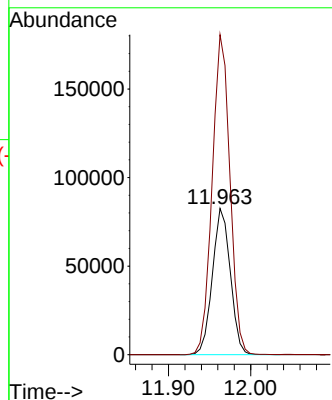
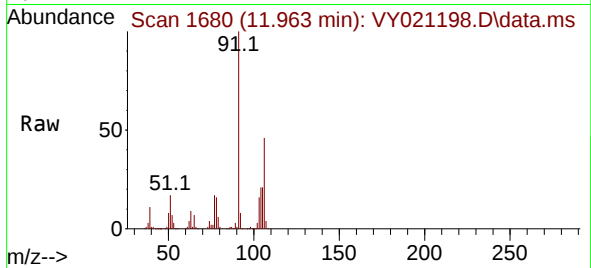




#69
o-Xylene
Concen: 55.369 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

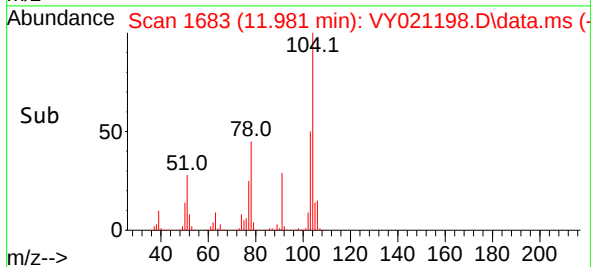
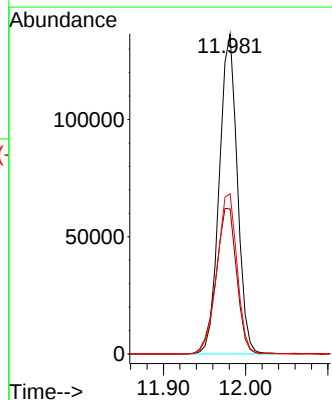
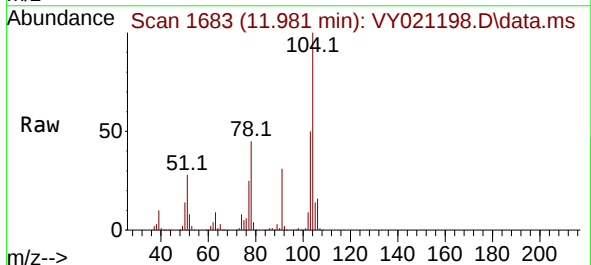
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

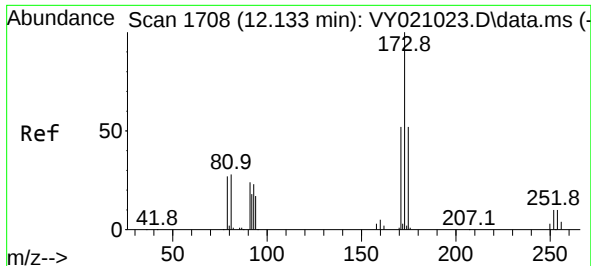
Tgt Ion:106 Resp: 125105
Ion Ratio Lower Upper
106 100
91 217.1 106.5 319.5



#70
Styrene
Concen: 55.341 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion:104 Resp: 208407
Ion Ratio Lower Upper
104 100
78 52.3 39.2 58.8
103 55.6 43.8 65.6

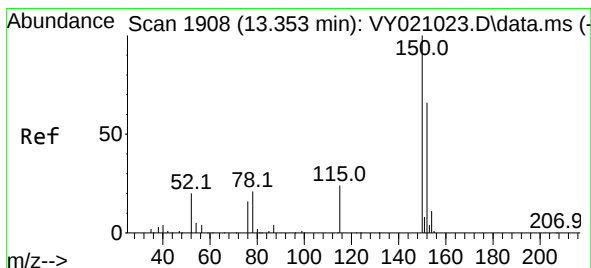
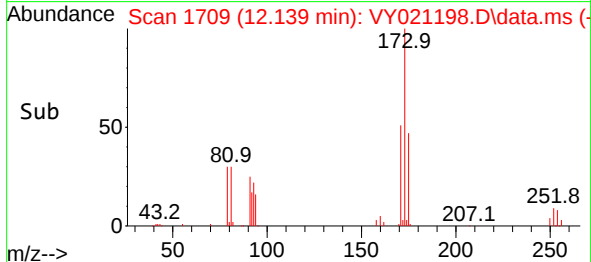
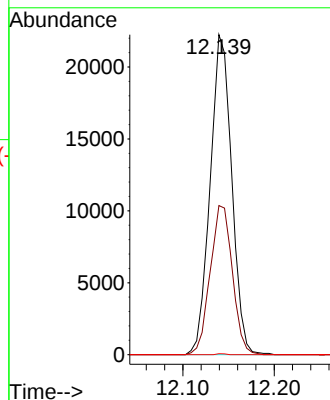
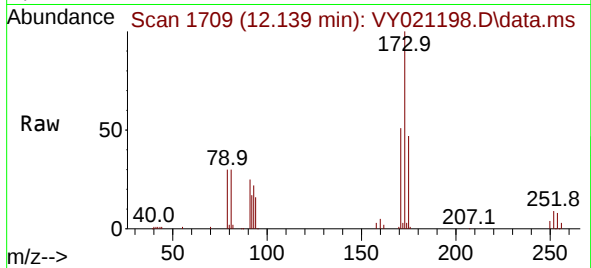




#71
Bromoform
Concen: 50.288 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

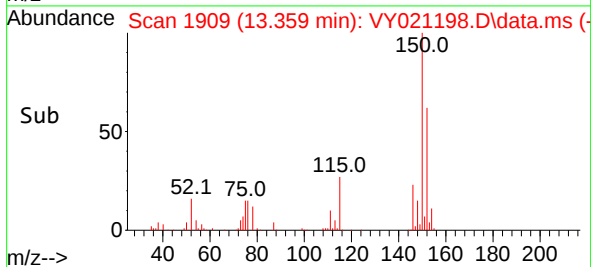
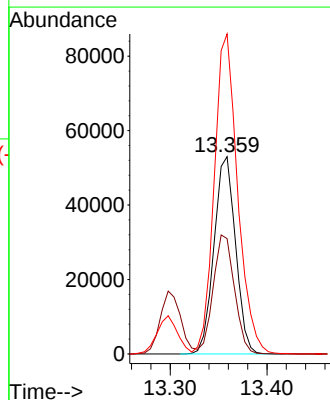
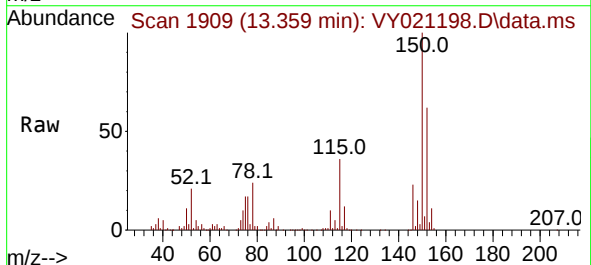
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

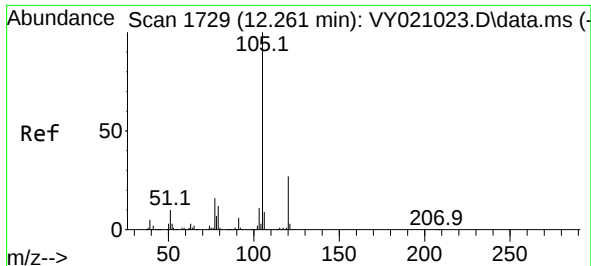
Tgt Ion:173 Resp: 36433
Ion Ratio Lower Upper
173 100
175 47.9 23.5 70.6
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion:152 Resp: 81952
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 176.1 0.0 344.6

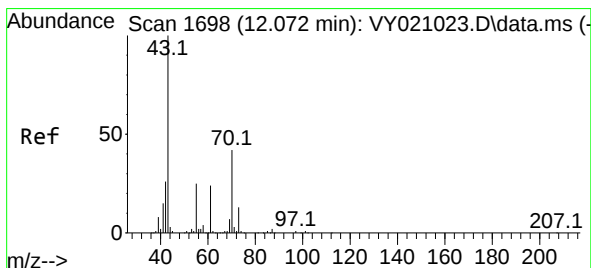
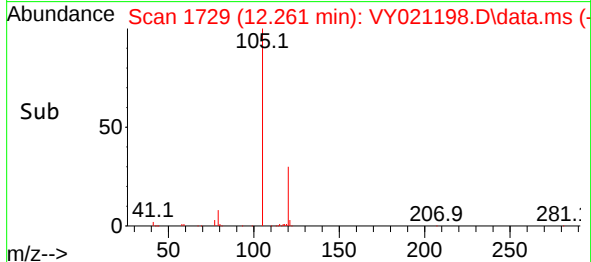
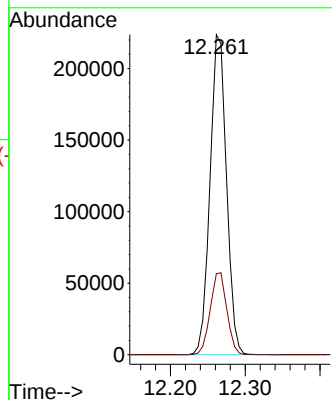
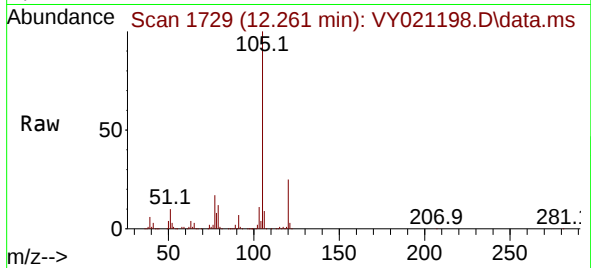




#73
Isopropylbenzene
Concen: 53.460 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

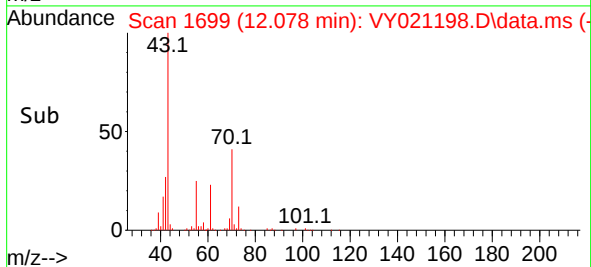
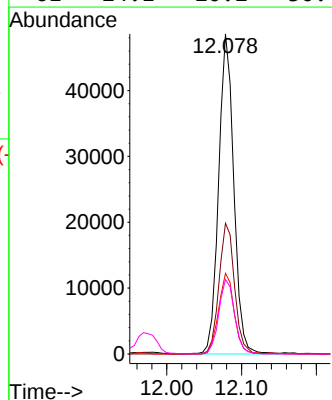
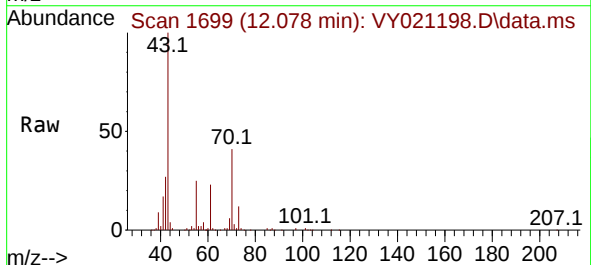
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

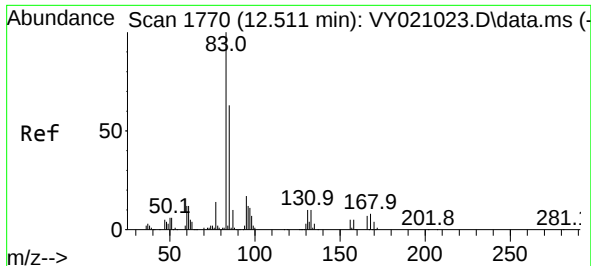
Tgt Ion:105 Resp: 342233
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 48.916 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 43 Resp: 68462
Ion Ratio Lower Upper
43 100
70 41.8 36.6 55.0
55 25.9 22.2 33.4
61 24.1 20.2 30.4

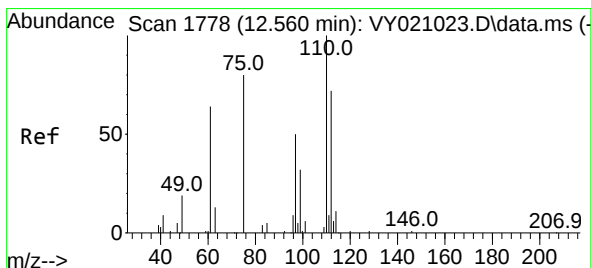
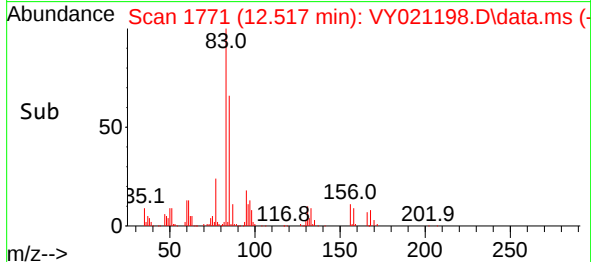
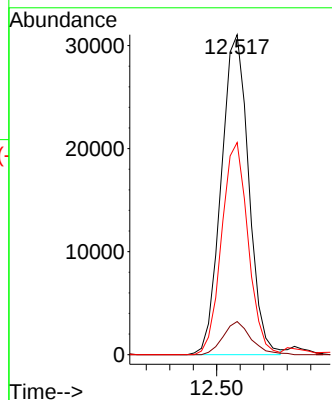
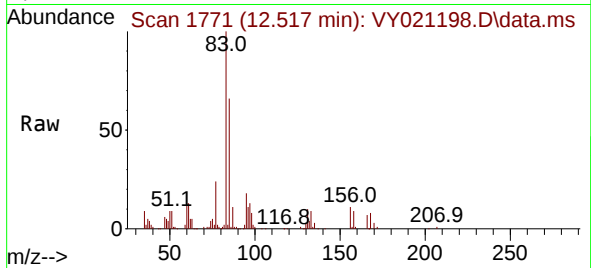




#75
1,1,2,2-Tetrachloroethane
Concen: 47.324 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

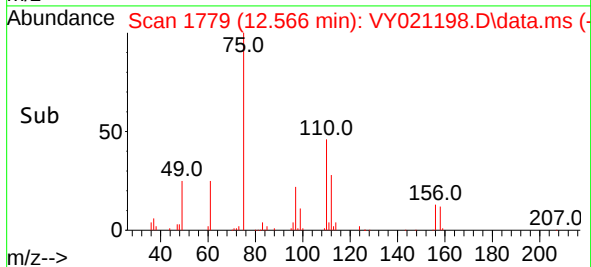
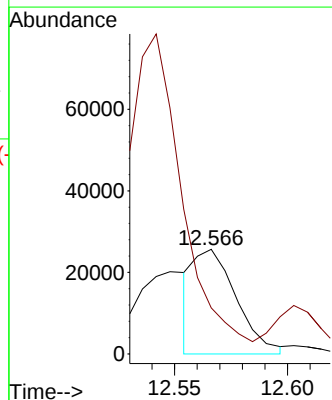
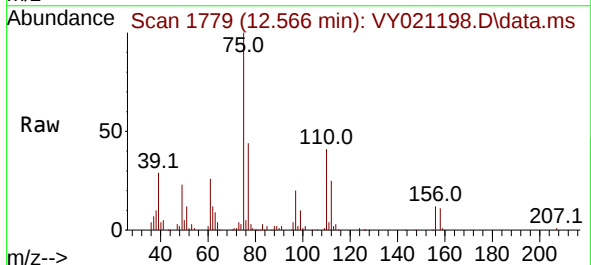
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

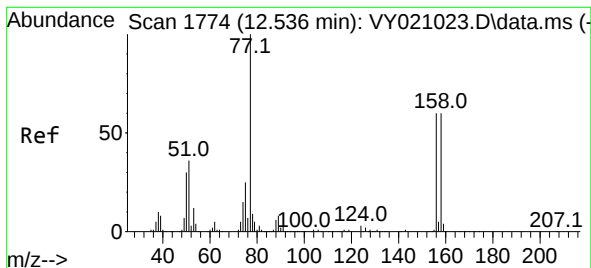
Tgt Ion: 83 Resp: 50384
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 64.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 45.663 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 75 Resp: 33946
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.412 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

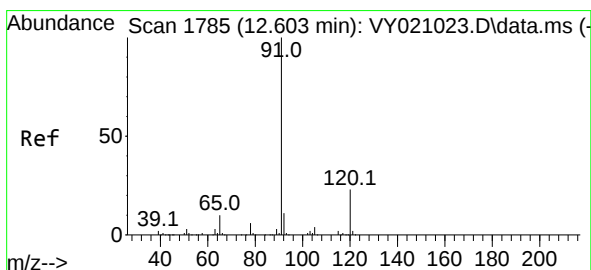
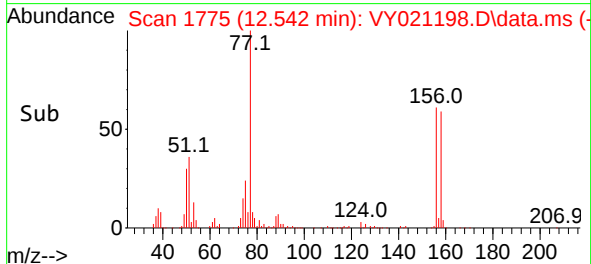
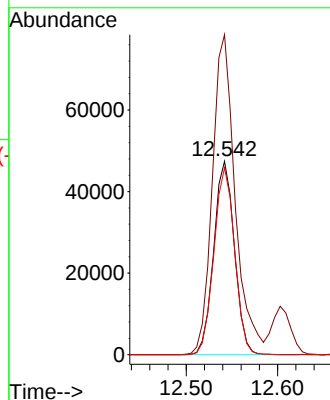
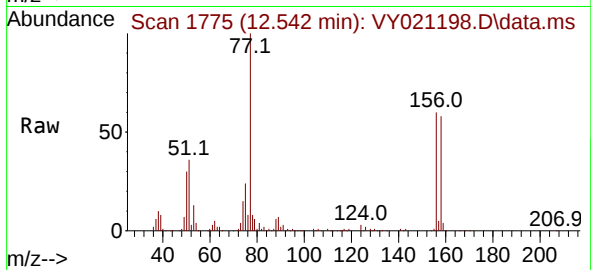
Tgt Ion:156 Resp: 74472

Ion Ratio Lower Upper

156 100

77 182.6 97.3 291.8

158 97.0 48.4 145.0



#78

n-propylbenzene

Concen: 54.388 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021198.D

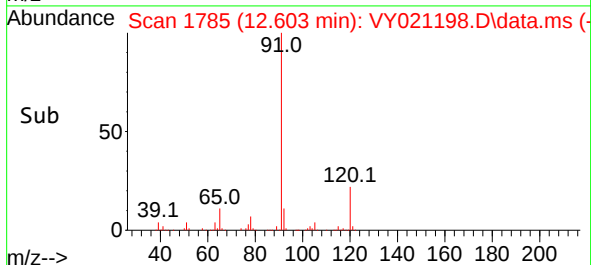
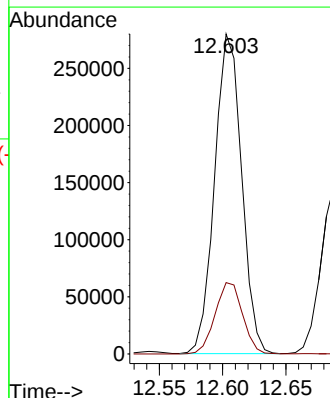
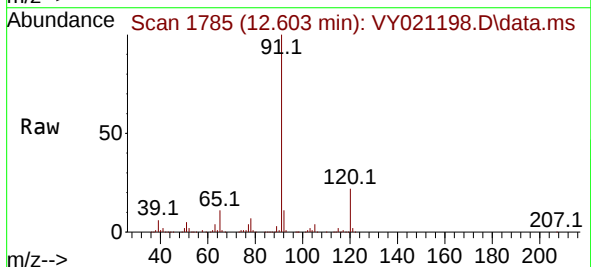
Acq: 14 Feb 2025 09:06

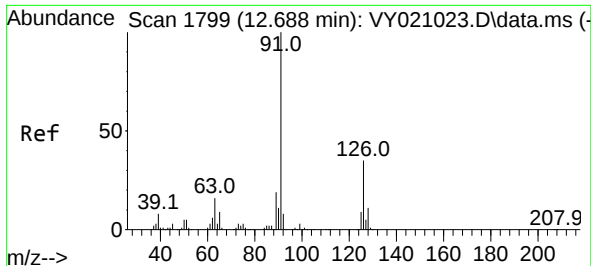
Tgt Ion: 91 Resp: 414749

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0

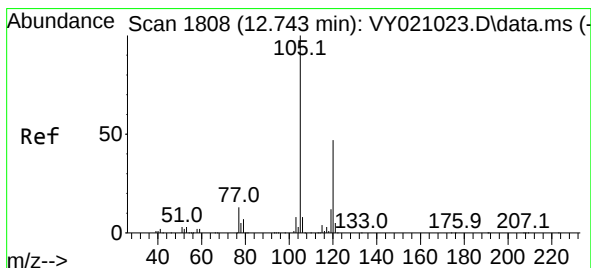
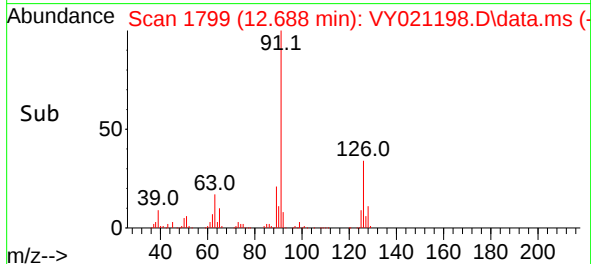
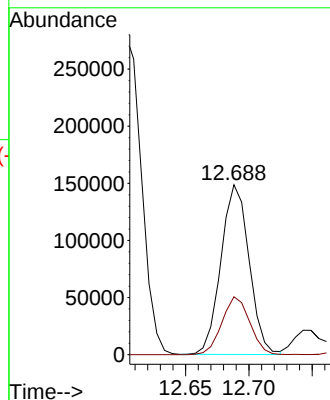
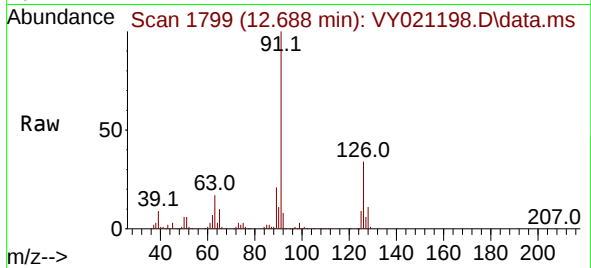




#79
2-Chlorotoluene
Concen: 52.671 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

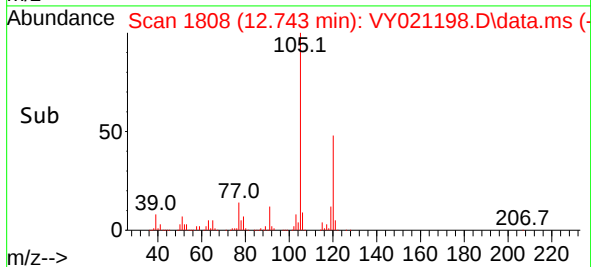
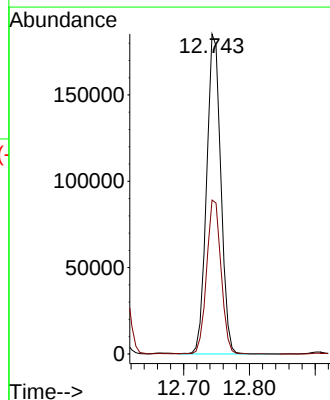
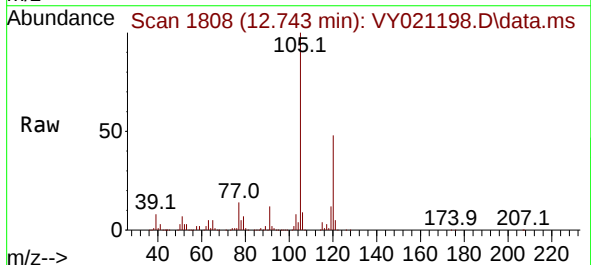
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

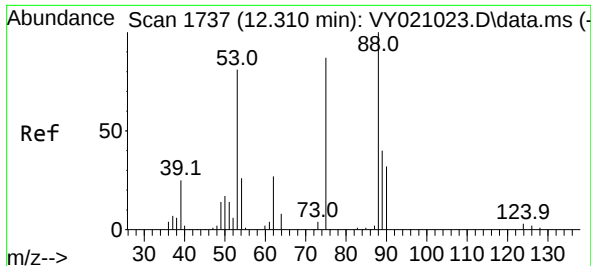
Tgt Ion: 91 Resp: 230046
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 53.634 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 105 Resp: 278371
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8

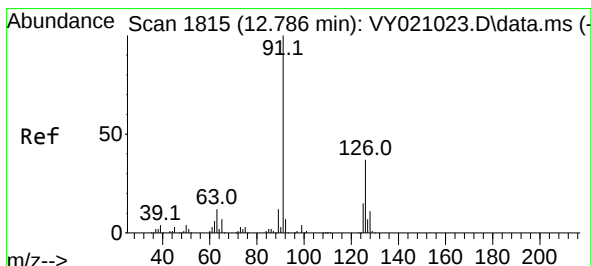
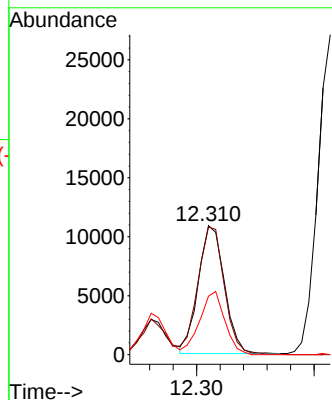
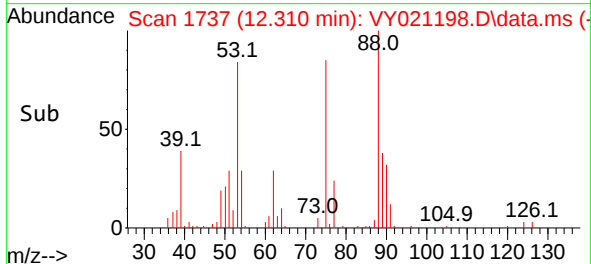
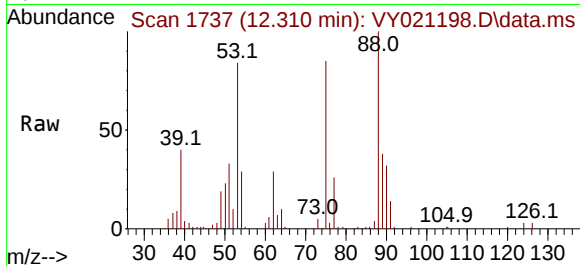




#81
trans-1,4-Dichloro-2-butene
Concen: 46.027 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

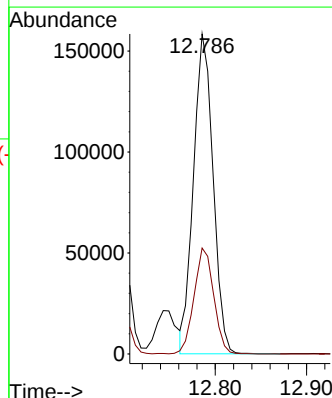
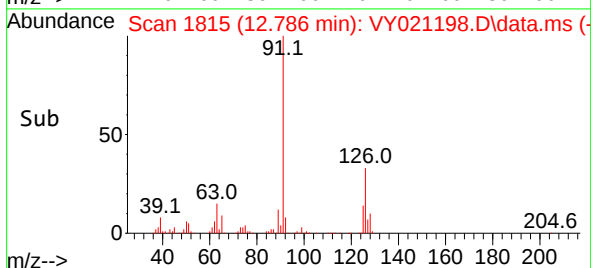
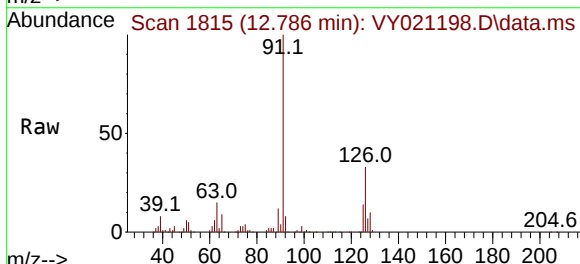
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

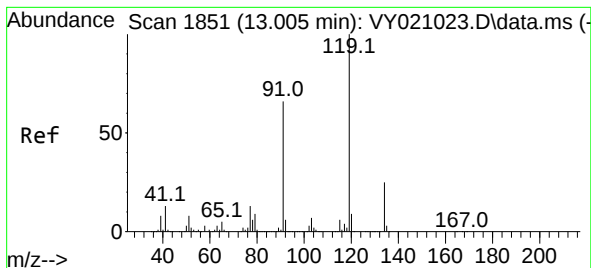
Tgt Ion: 75 Resp: 16769
Ion Ratio Lower Upper
75 100
53 103.0 74.0 111.0
89 47.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.943 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 91 Resp: 235595
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 53.171 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

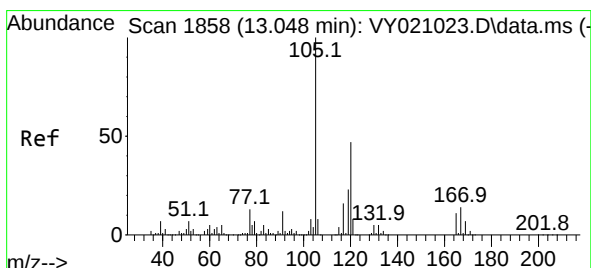
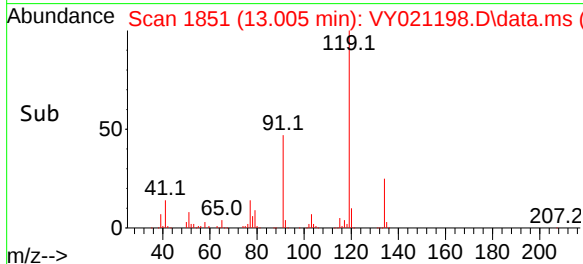
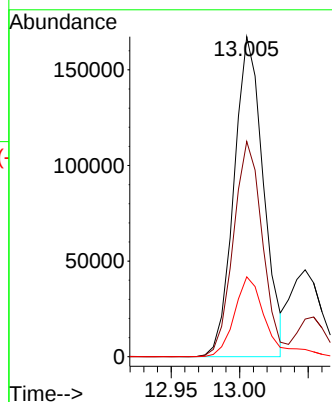
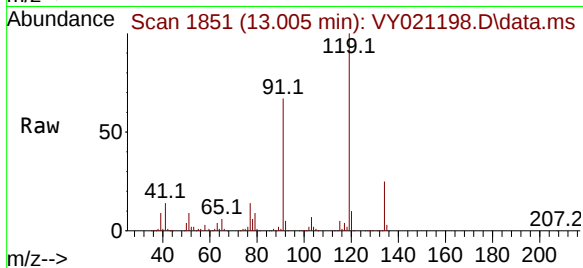
Tgt Ion:119 Resp: 250844

Ion Ratio Lower Upper

119 100

91 66.9 31.5 94.5

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 54.453 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021198.D

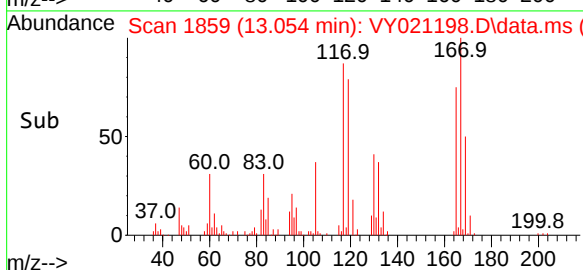
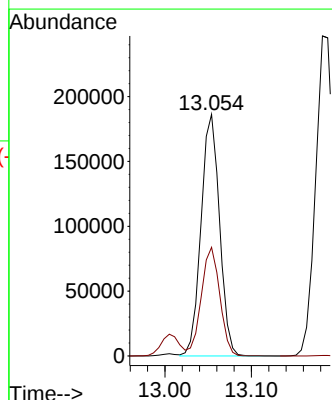
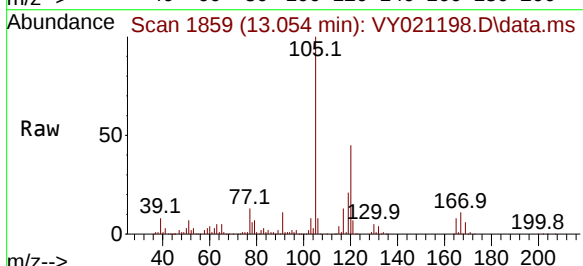
Acq: 14 Feb 2025 09:06

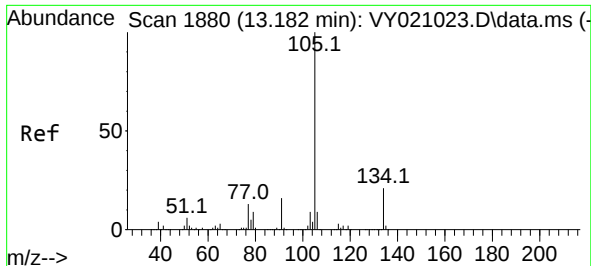
Tgt Ion:105 Resp: 276342

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

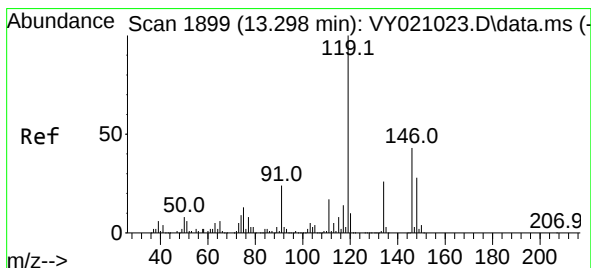
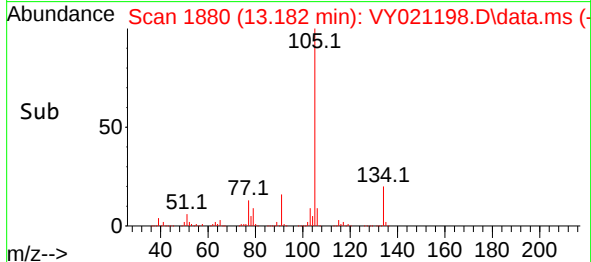
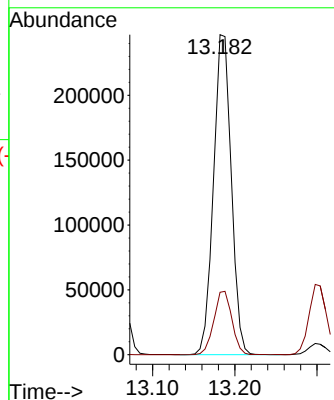
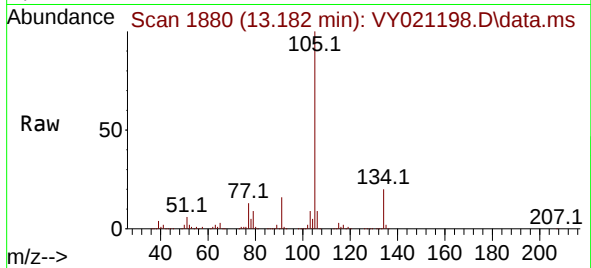




#85
 sec-Butylbenzene
 Concen: 54.598 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

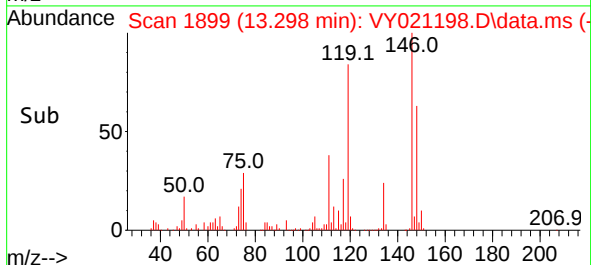
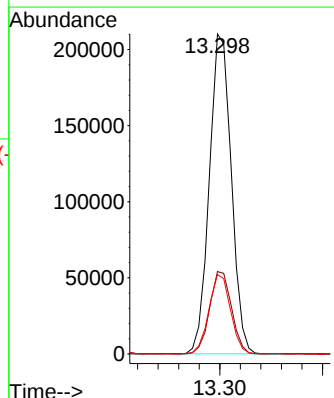
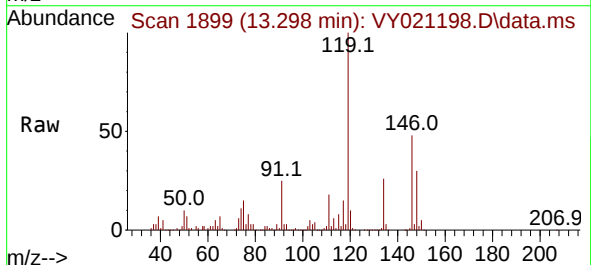
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

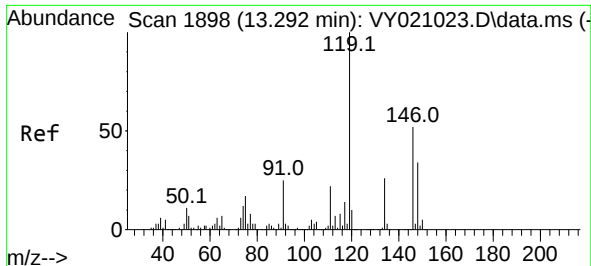
Tgt Ion:105 Resp: 370770
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 55.131 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

Tgt Ion:119 Resp: 310999
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 24.5 11.7 35.0

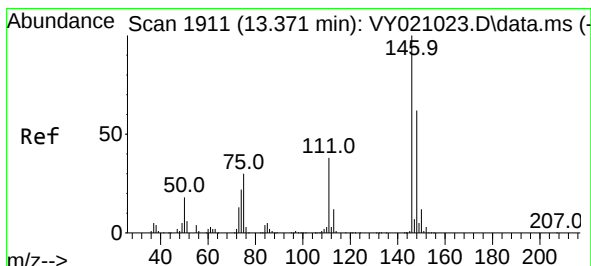
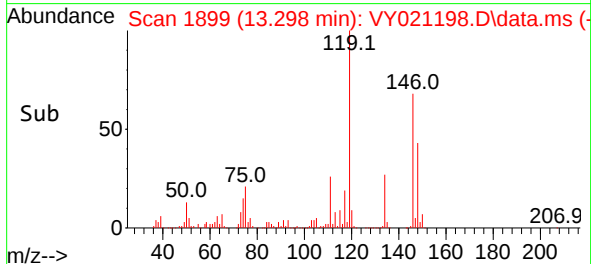
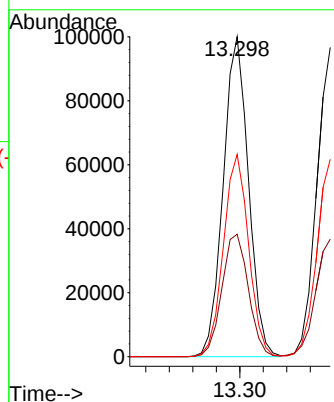
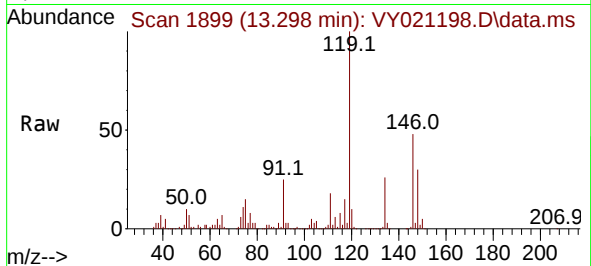




#87
 1,3-Dichlorobenzene
 Concen: 52.401 ug/l
 RT: 13.298 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

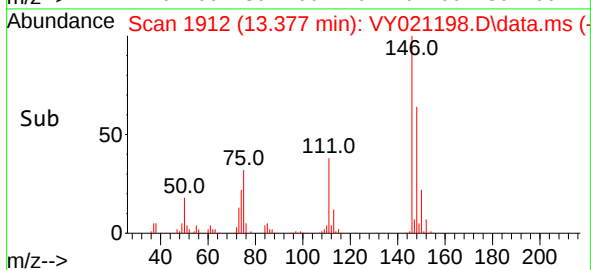
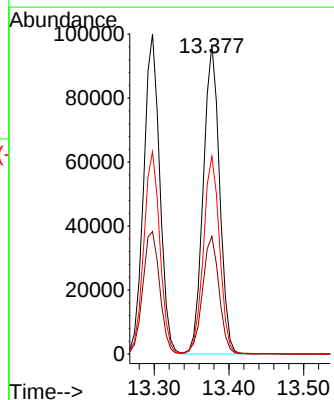
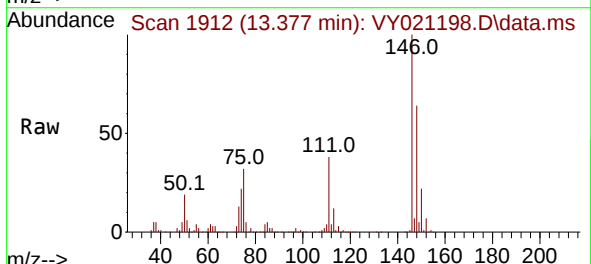
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

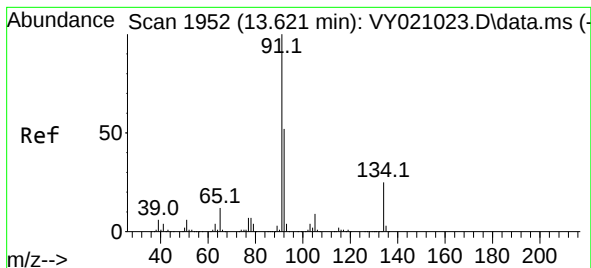
Tgt Ion:146 Resp: 149469
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.2 60.5
 148 63.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 52.039 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY021198.D
 Acq: 14 Feb 2025 09:06

Tgt Ion:146 Resp: 146153
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.3 57.9
 148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 56.071 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

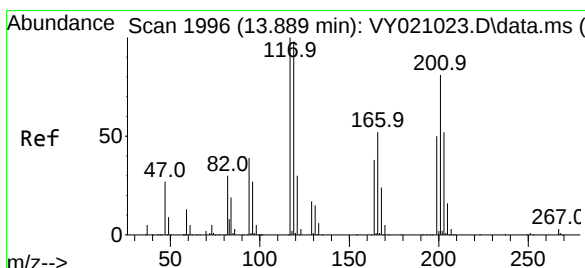
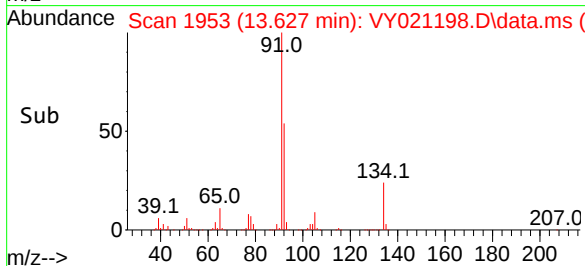
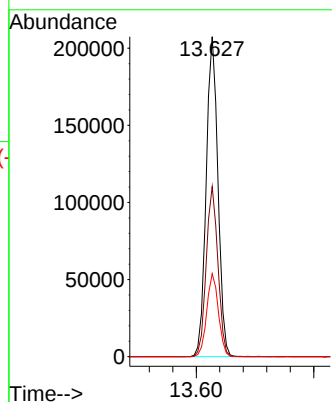
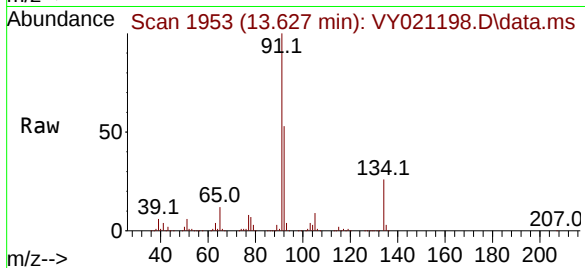
Tgt Ion: 91 Resp: 288554

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.7 12.3 36.8



#90

Hexachloroethane

Concen: 53.829 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021198.D

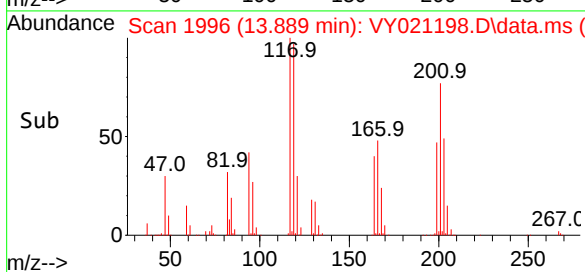
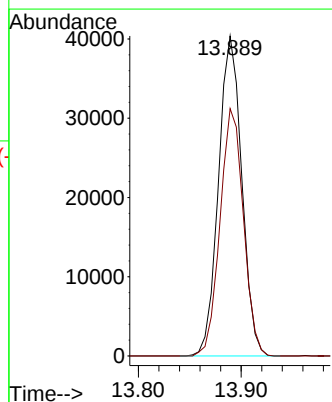
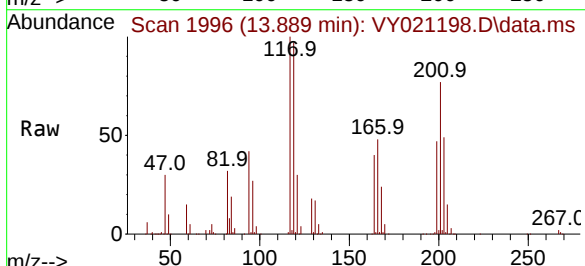
Acq: 14 Feb 2025 09:06

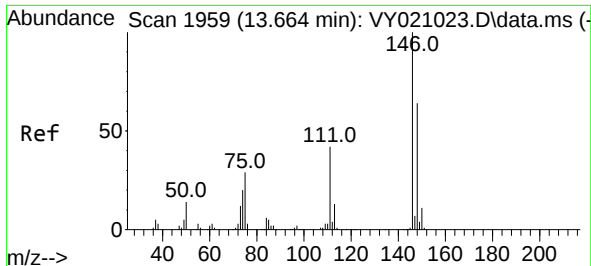
Tgt Ion: 117 Resp: 63347

Ion Ratio Lower Upper

117 100

201 77.7 33.4 100.1

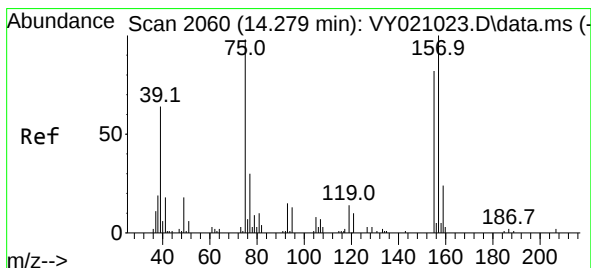
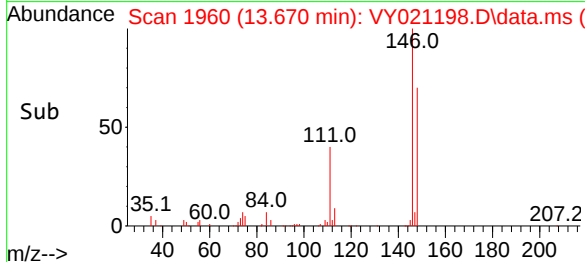
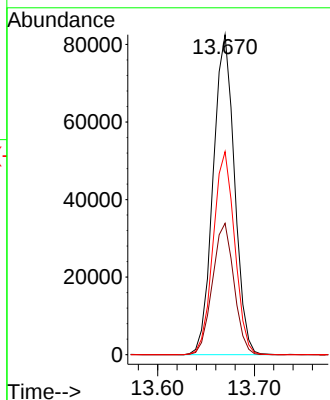
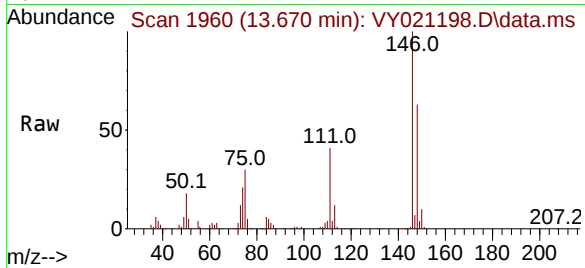




#91
1,2-Dichlorobenzene
Concen: 51.107 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

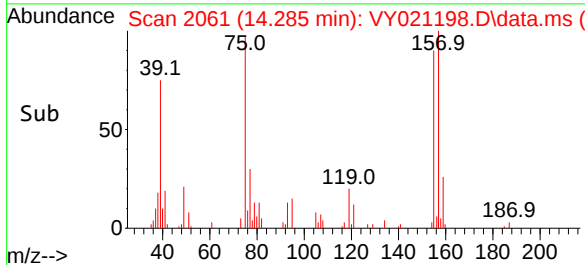
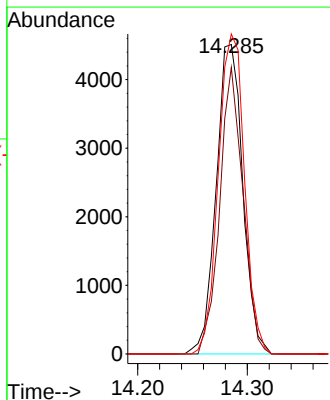
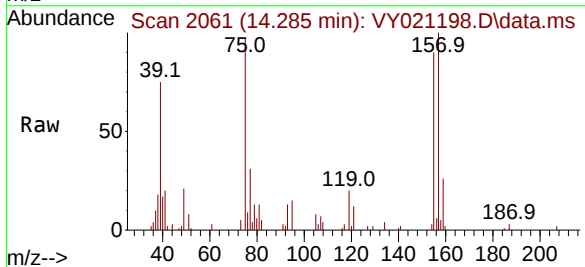
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

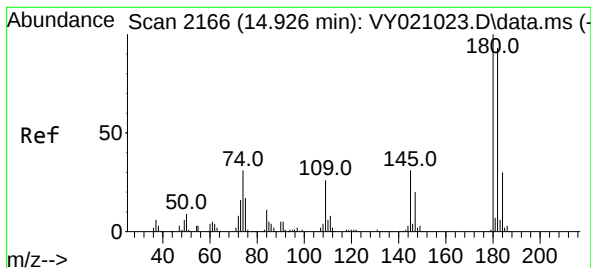
Tgt Ion:146 Resp: 126527
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.6
148 63.8 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.807 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021198.D
Acq: 14 Feb 2025 09:06

Tgt Ion: 75 Resp: 7606
Ion Ratio Lower Upper
75 100
155 81.3 42.1 126.3
157 101.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 53.087 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

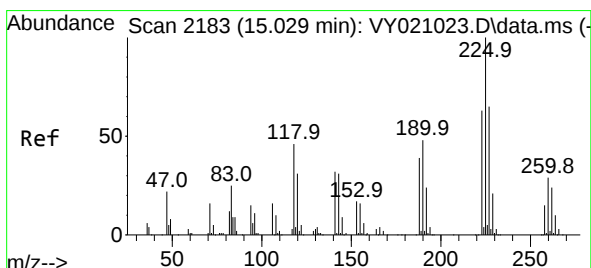
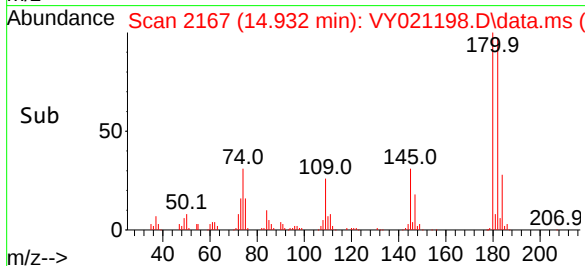
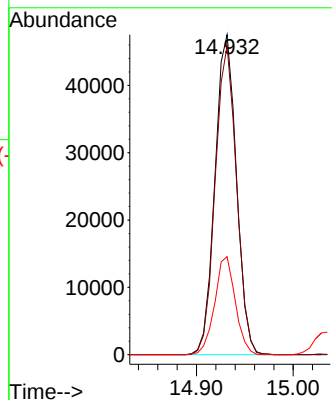
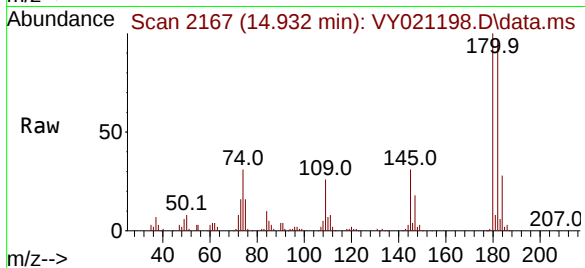
Tgt Ion:180 Resp: 73157

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 29.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 55.246 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

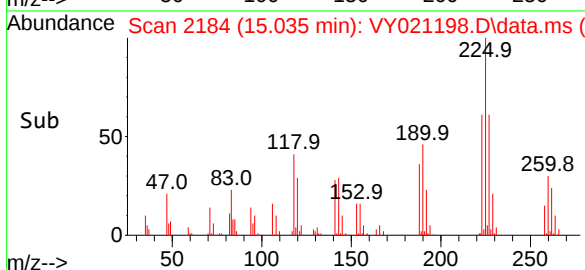
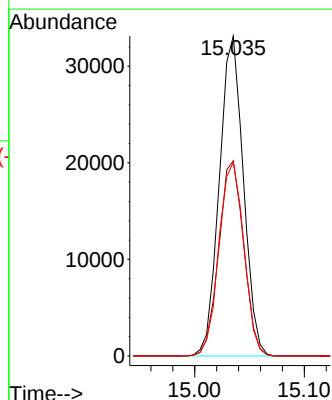
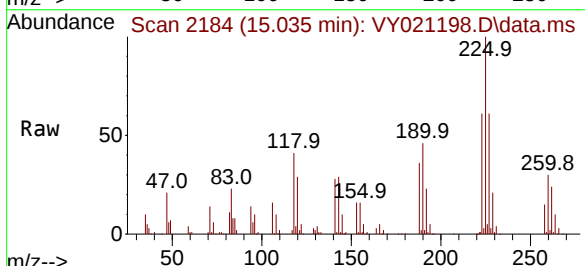
Tgt Ion:225 Resp: 50451

Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.3

227 62.8 32.3 96.8





#95

Naphthalene

Concen: 50.046 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

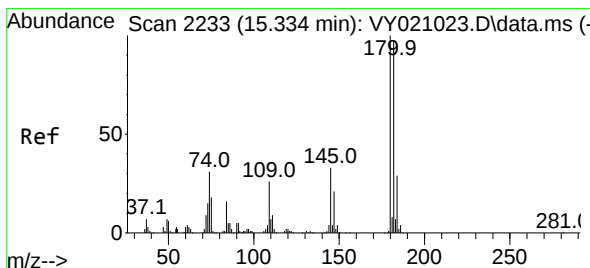
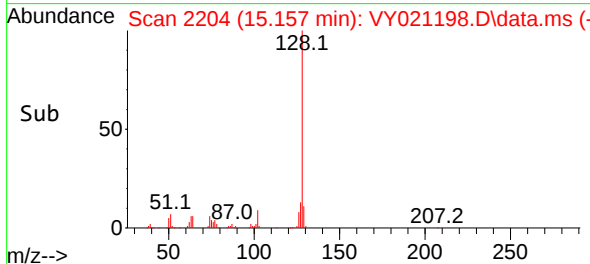
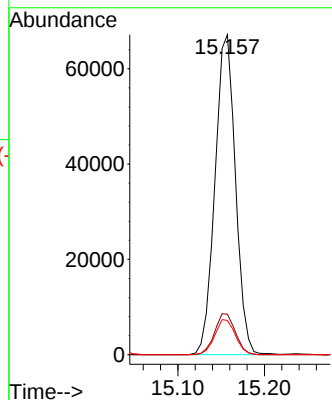
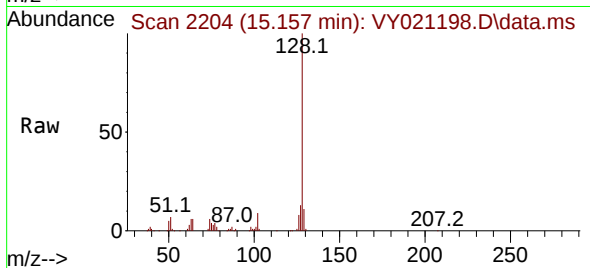
Tgt Ion:128 Resp: 110337

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.507 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Tgt Ion:180 Resp: 59070

Ion Ratio Lower Upper

180 100

182 94.9 46.3 138.8

145 32.5 16.1 48.2

