

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021312.D
 Acq On : 25 Feb 2025 14:48
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 26 01:45:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	175365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	272563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96694	48.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.220%
35) Dibromofluoromethane	7.634	113	88513	49.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.103	98	340929	49.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.408	95	115401	49.652	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	86387	51.957	ug/l	100
3) Chloromethane	2.068	50	105626	49.191	ug/l	100
4) Vinyl Chloride	2.202	62	109961	52.173	ug/l	100
5) Bromomethane	2.592	94	67780	48.395	ug/l	100
6) Chloroethane	2.732	64	68323	52.276	ug/l	100
7) Trichlorofluoromethane	3.056	101	164215	51.592	ug/l	100
8) Diethyl Ether	3.452	74	50185	52.532	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	94197	51.116	ug/l	100
10) Methyl Iodide	4.007	142	111673	57.600	ug/l	100
11) Tert butyl alcohol	4.854	59	35300	230.691	ug/l	100
12) 1,1-Dichloroethene	3.787	96	90388	51.226	ug/l	100
13) Acrolein	3.647	56	5860	49.975	ug/l	100
14) Allyl chloride	4.385	41	162419	51.918	ug/l	100
15) Acrylonitrile	5.055	53	111677	264.397	ug/l	100
16) Acetone	3.866	43	111923	293.294	ug/l	100
17) Carbon Disulfide	4.104	76	304042	51.892	ug/l	100
18) Methyl Acetate	4.385	43	48368	51.864	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	247280	53.043	ug/l	100
20) Methylene Chloride	4.610	84	102592	49.716	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	100568	51.774	ug/l	100
22) Diisopropyl ether	6.012	45	343920	53.126	ug/l	100
23) Vinyl Acetate	5.957	43	1041767	269.294	ug/l	100
24) 1,1-Dichloroethane	5.915	63	189943	52.057	ug/l	100
25) 2-Butanone	6.890	43	160248	278.240	ug/l	100
26) 2,2-Dichloropropane	6.884	77	170469	51.489	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	116627	52.579	ug/l	100
28) Bromochloromethane	7.244	49	79678	49.352	ug/l	100
29) Tetrahydrofuran	7.256	42	100417	266.741	ug/l	100
30) Chloroform	7.421	83	191980	51.925	ug/l	100
31) Cyclohexane	7.701	56	173460	49.456	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	172880	51.372	ug/l	100
36) 1,1-Dichloropropene	7.835	75	140574	52.371	ug/l	100
37) Ethyl Acetate	6.982	43	70184	52.565	ug/l	100
38) Carbon Tetrachloride	7.817	117	158319	52.465	ug/l	100
39) Methylcyclohexane	9.109	83	180496	53.165	ug/l	100
40) Benzene	8.079	78	417798	52.655	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	39965	53.535	ug/l	100
42) 1,2-Dichloroethane	8.158	62	118176	52.494	ug/l	100
43) Isopropyl Acetate	8.195	43	139829	54.106	ug/l	100
44) Trichloroethene	8.865	130	104074	52.389	ug/l	100
45) 1,2-Dichloropropane	9.140	63	101166	52.980	ug/l	100
46) Dibromomethane	9.231	93	55365	53.043	ug/l	100
47) Bromodichloromethane	9.420	83	147382	52.957	ug/l	100
48) Methyl methacrylate	9.219	41	67406	55.775	ug/l	100
49) 1,4-Dioxane	9.231	88	12193	1050.591	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	364446	275.485	ug/l	100
52) Toluene	10.170	92	263062	53.367	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	140399	55.062	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	161021	53.492	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	72720	53.481	ug/l	100
56) Ethyl methacrylate	10.438	69	106914	56.904	ug/l	100
57) 1,3-Dichloropropane	10.719	76	127795	53.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	260718	289.104	ug/l	100
59) 2-Hexanone	10.761	43	249578	287.258	ug/l	100
60) Dibromochloromethane	10.908	129	100250	54.134	ug/l	100
61) 1,2-Dibromoethane	11.018	107	69236	53.783	ug/l	100
64) Tetrachloroethene	10.646	164	93317	51.501	ug/l	100
65) Chlorobenzene	11.444	112	281918	52.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	99131	52.611	ug/l	100
67) Ethyl Benzene	11.517	91	510639	53.573	ug/l	100
68) m/p-Xylenes	11.627	106	384346	107.204	ug/l	100
69) o-Xylene	11.956	106	181728	54.108	ug/l	100
70) Styrene	11.969	104	306007	54.760	ug/l	100
71) Bromoform	12.133	173	58860	54.605	ug/l	100
73) Isopropylbenzene	12.255	105	483937	52.885	ug/l	100
74) N-amyl acetate	12.072	43	129020	55.471	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	84893	52.566	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	112709	91.951	ug/l #	100
77) Bromobenzene	12.529	156	110538	51.935	ug/l	100
78) n-propylbenzene	12.596	91	587915	52.946	ug/l	100
79) 2-Chlorotoluene	12.682	91	330472	51.857	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	395609	52.712	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	29649	54.090	ug/l	100
82) 4-Chlorotoluene	12.779	91	342611	51.864	ug/l	100
83) tert-Butylbenzene	12.999	119	352055	51.930	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	395315	52.962	ug/l	100
85) sec-Butylbenzene	13.176	105	518094	52.319	ug/l	100
86) p-Isopropyltoluene	13.291	119	437283	52.884	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	218136	51.811	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	213090	51.233	ug/l	100
89) n-Butylbenzene	13.621	91	416377	53.510	ug/l	100
90) Hexachloroethane	13.883	117	87765	50.814	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	191758	51.985	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13782	53.947	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	117882	52.360	ug/l	100
94) Hexachlorobutadiene	15.023	225	71915	50.738	ug/l	100
95) Naphthalene	15.145	128	209478	56.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	100312	52.735	ug/l	100

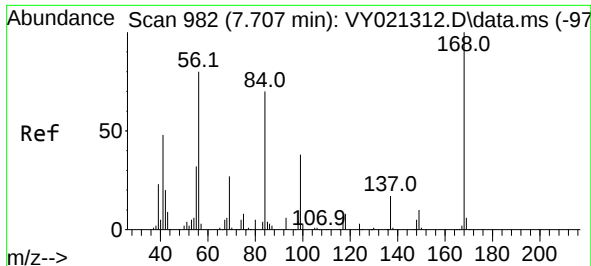
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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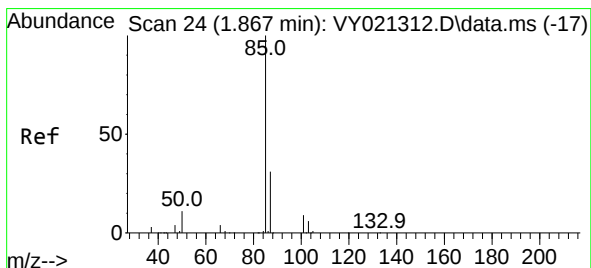
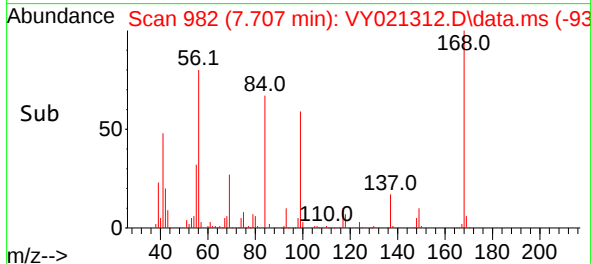
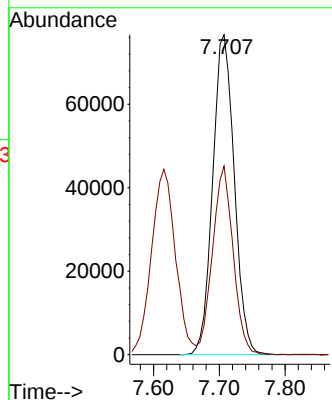
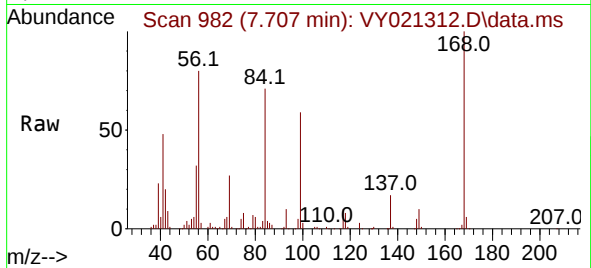
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021312.D
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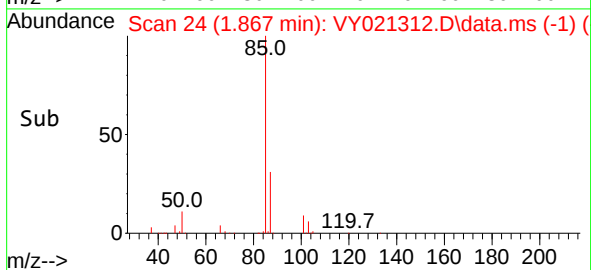
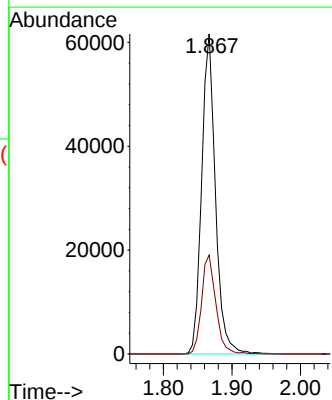
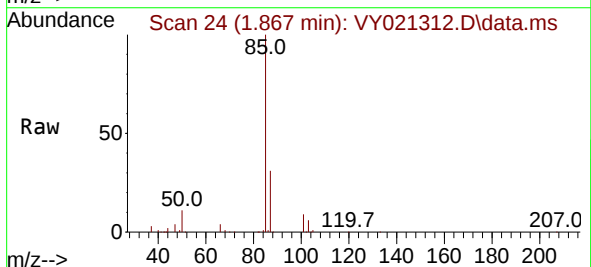
Instrument :
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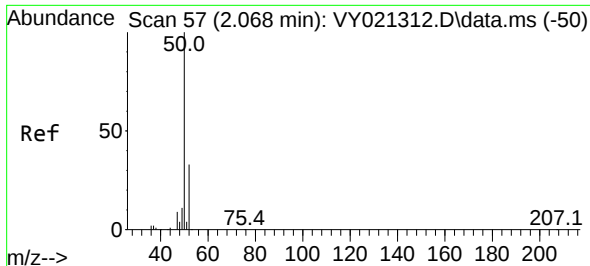
Tgt Ion:168 Resp: 175365
Ion Ratio Lower Upper
168 100
99 58.9 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 51.957 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 85 Resp: 86387
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.4

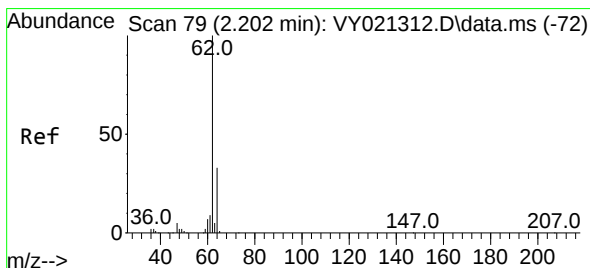
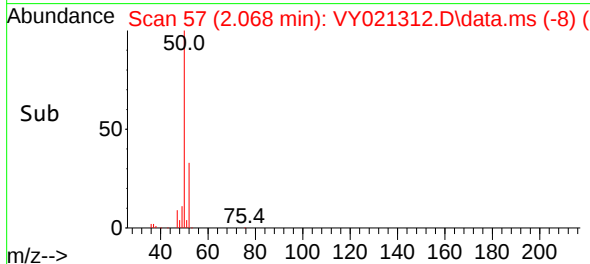
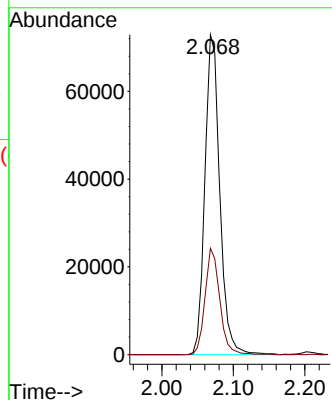
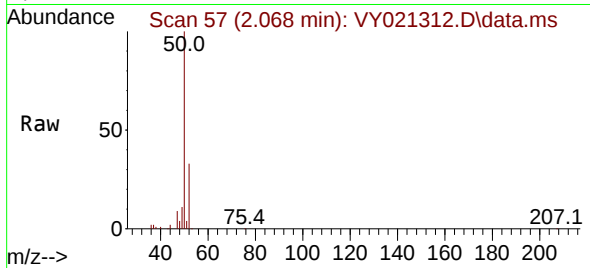




#3
Chloromethane
Concen: 49.191 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

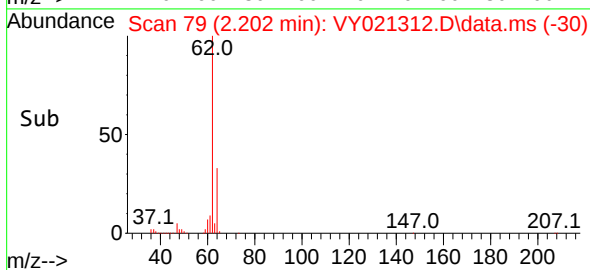
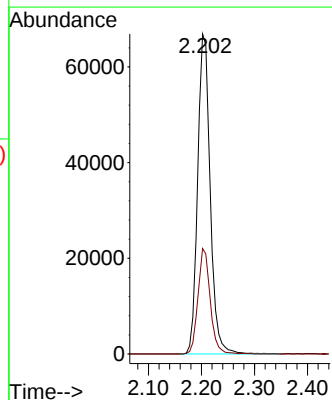
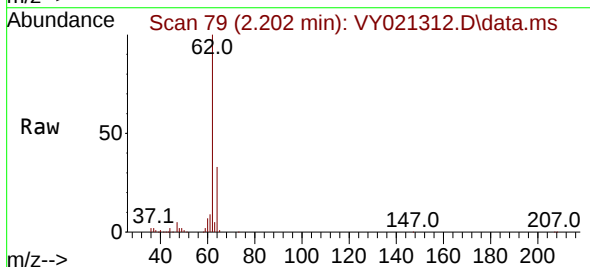
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 105626
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 52.173 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 62 Resp: 109961
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5

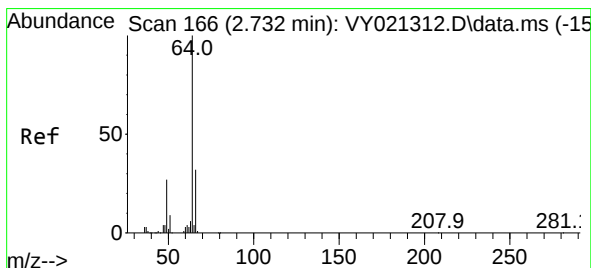
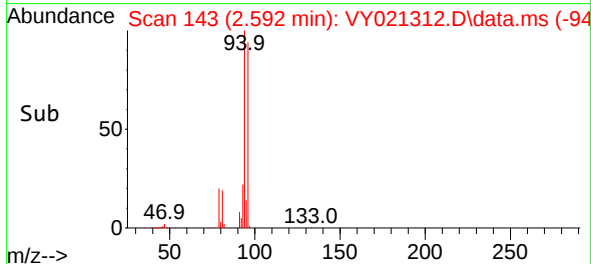
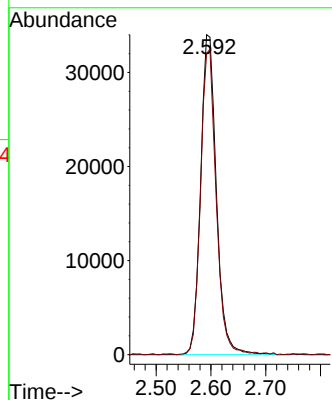
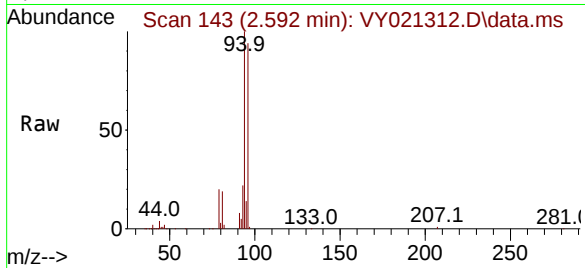




#5
Bromomethane
Concen: 48.395 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

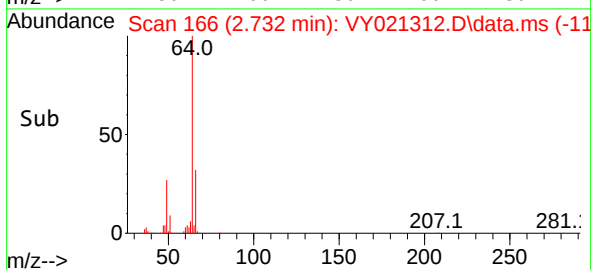
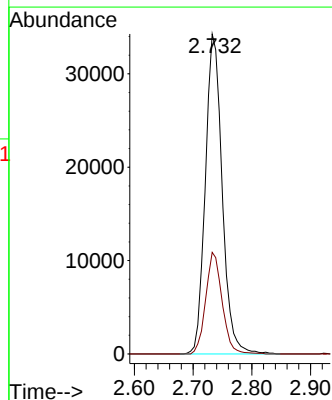
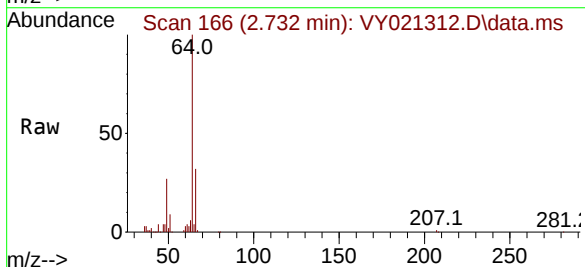
Instrument :
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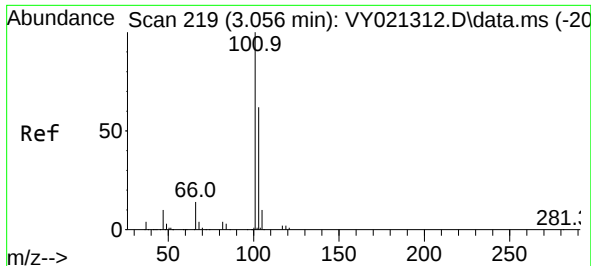
Tgt Ion: 94 Resp: 67780
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8



#6
Chloroethane
Concen: 52.276 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 64 Resp: 68323
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0

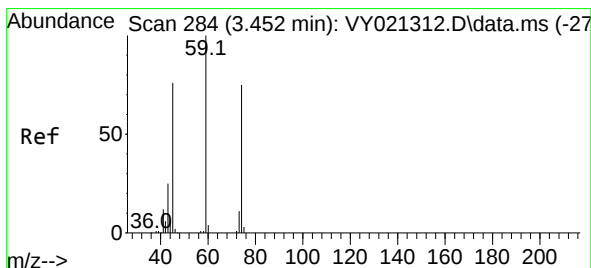
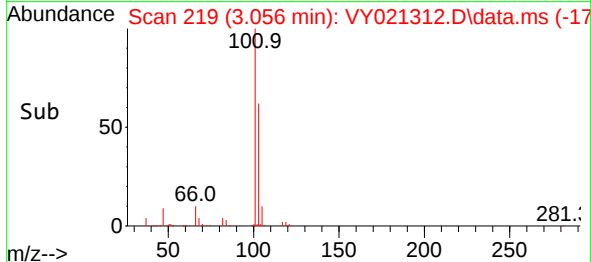
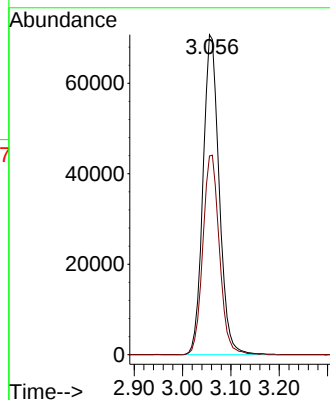
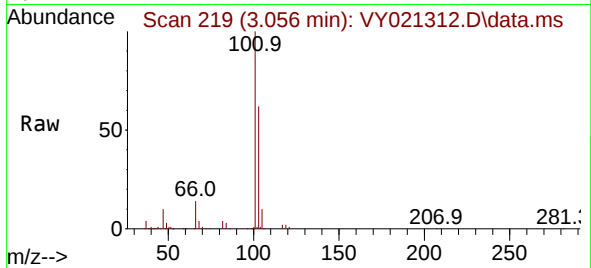




#7
 Trichlorofluoromethane
 Concen: 51.592 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021312.D
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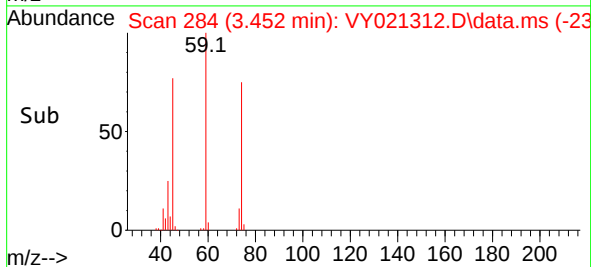
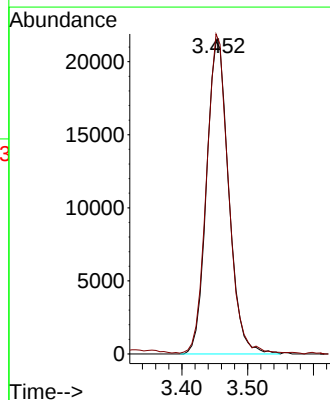
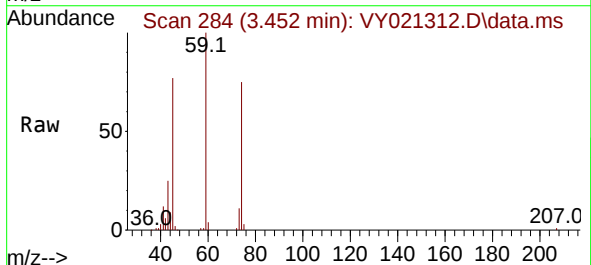
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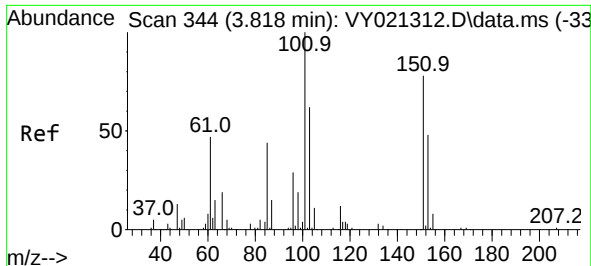
Tgt Ion:101 Resp: 164215
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.7 74.5



#8
 Diethyl Ether
 Concen: 52.532 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021312.D
 Acq: 25 Feb 2025 14:48

Tgt Ion: 74 Resp: 50185
 Ion Ratio Lower Upper
 74 100
 45 100.6 50.3 150.9

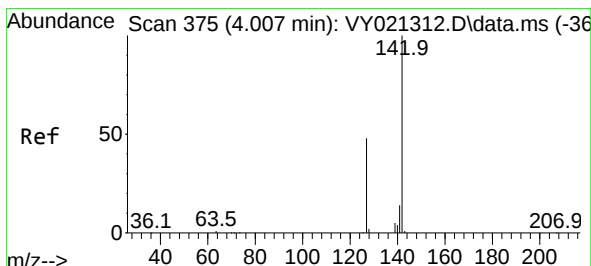
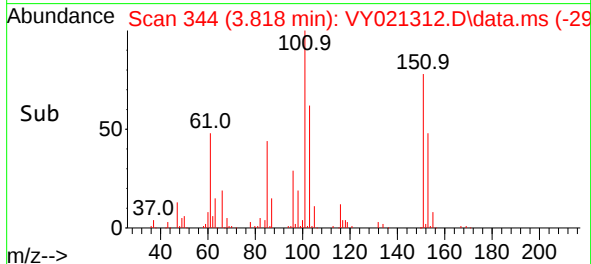
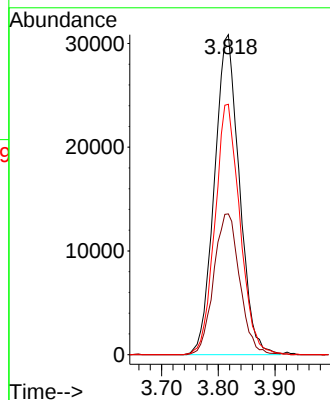
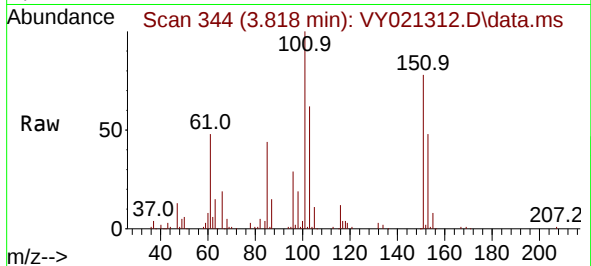




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.116 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021312.D
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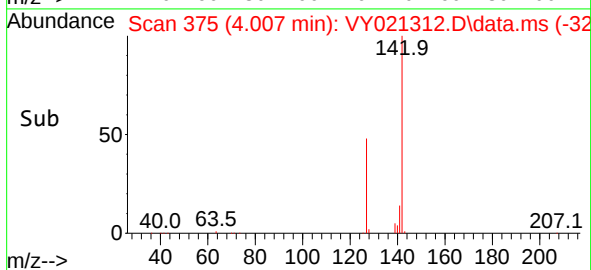
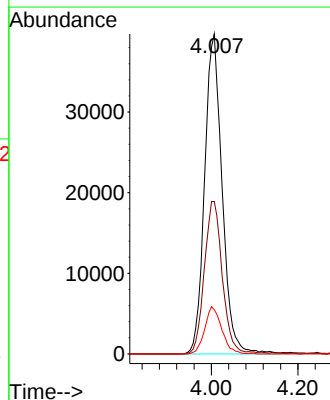
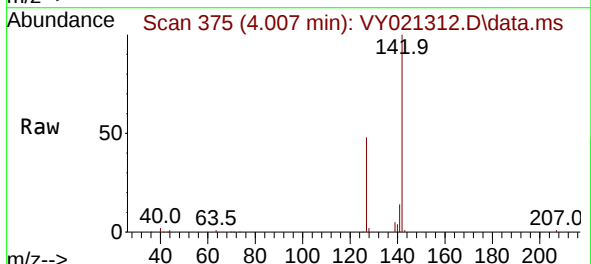
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ClientSampleId :
VSTDICCC050

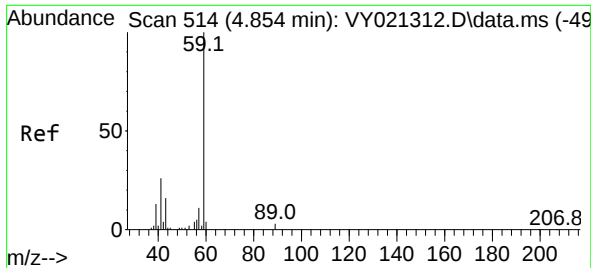
Tgt Ion:101 Resp: 94197
Ion Ratio Lower Upper
101 100
85 45.9 36.7 55.1
151 78.3 62.6 94.0



#10
Methyl Iodide
Concen: 57.600 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:142 Resp: 111673
Ion Ratio Lower Upper
142 100
127 49.0 39.2 58.8
141 14.3 11.4 17.2

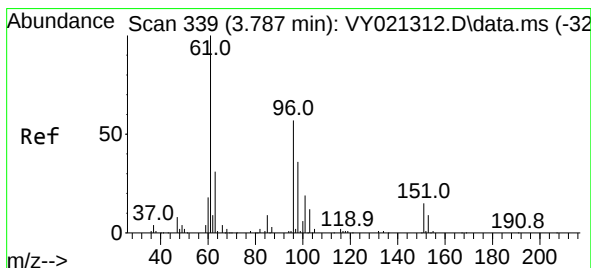
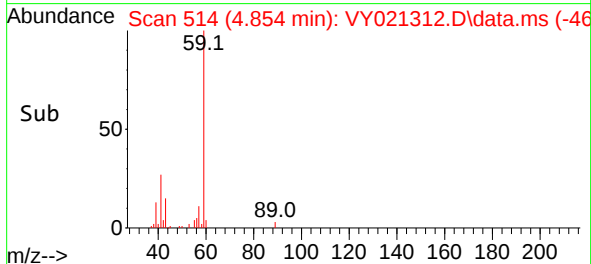
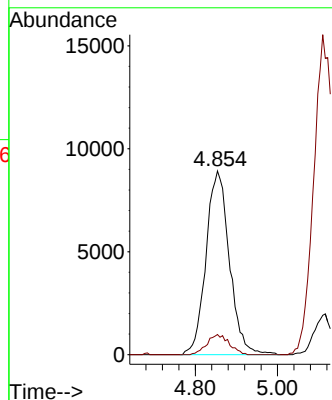
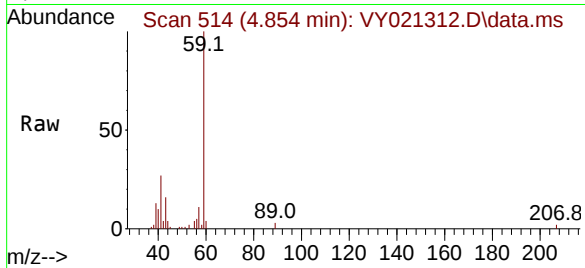




#11
Tert butyl alcohol
Concen: 230.691 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

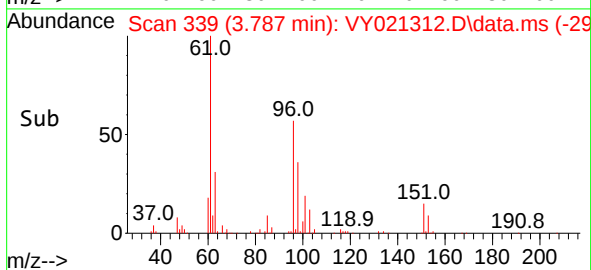
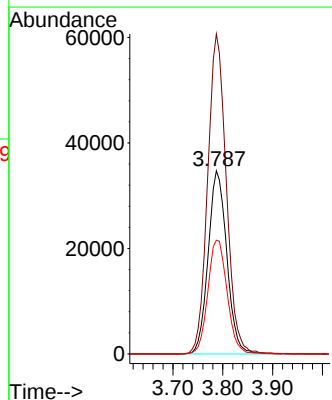
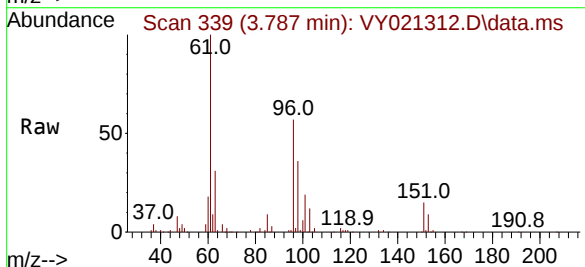
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

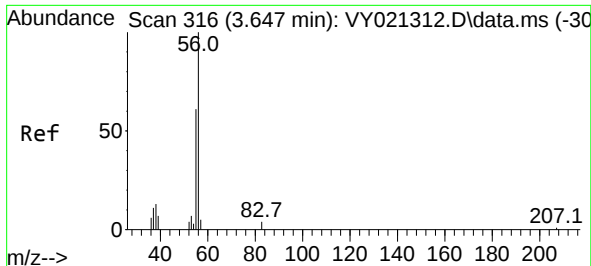
Tgt Ion: 59 Resp: 35300
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.226 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 96 Resp: 90388
Ion Ratio Lower Upper
96 100
61 174.6 139.7 209.5
98 62.1 49.7 74.5

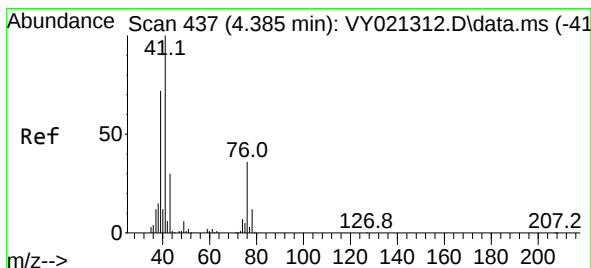
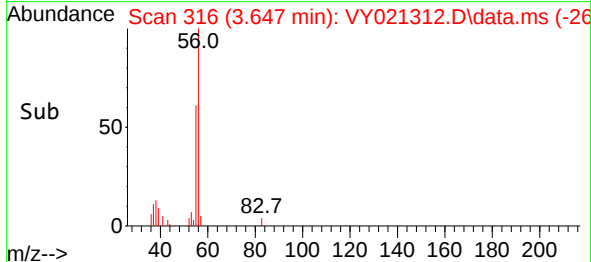
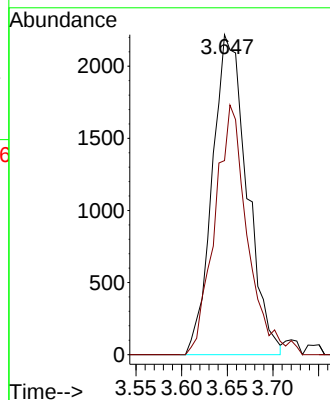
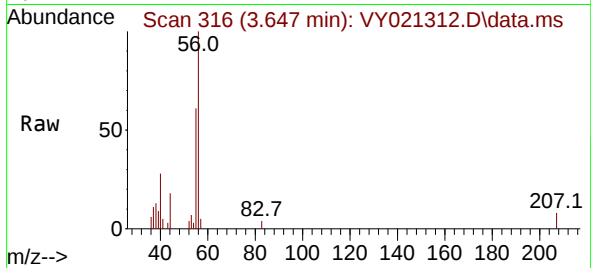




#13
Acrolein
Concen: 49.975 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

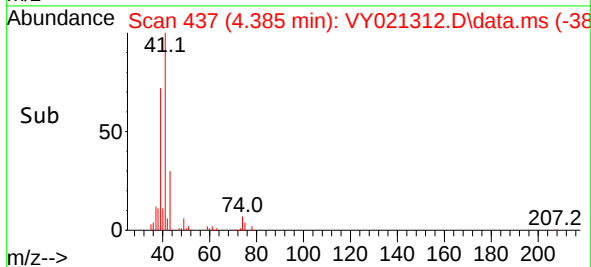
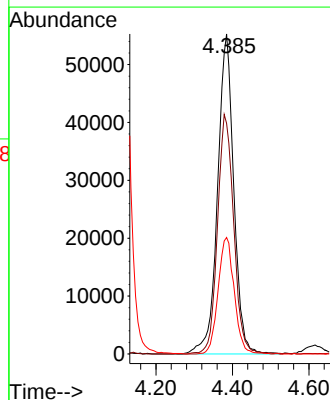
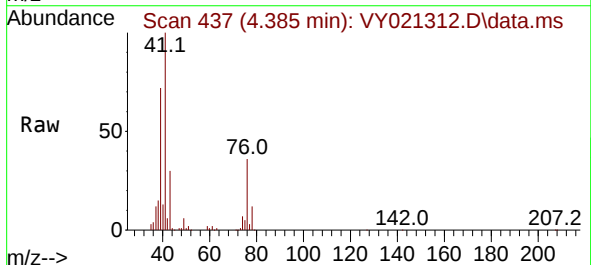
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

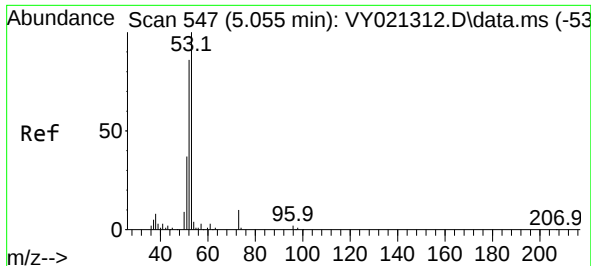
Tgt Ion: 56 Resp: 5860
Ion Ratio Lower Upper
56 100
55 73.8 59.0 88.6



#14
Allyl chloride
Concen: 51.918 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 41 Resp: 162419
Ion Ratio Lower Upper
41 100
39 75.0 60.0 90.0
76 36.3 29.0 43.6

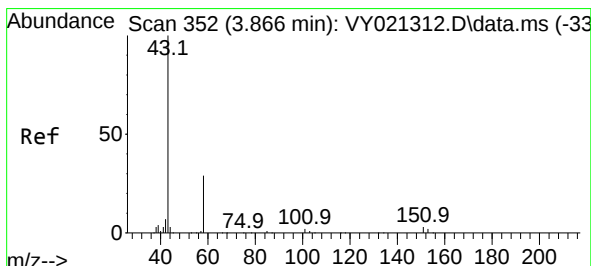
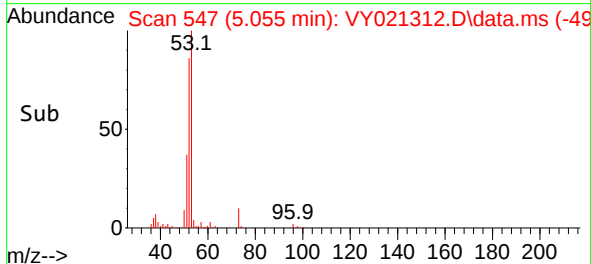
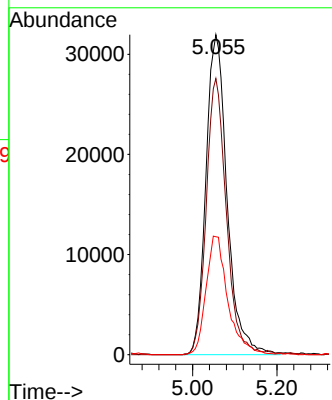
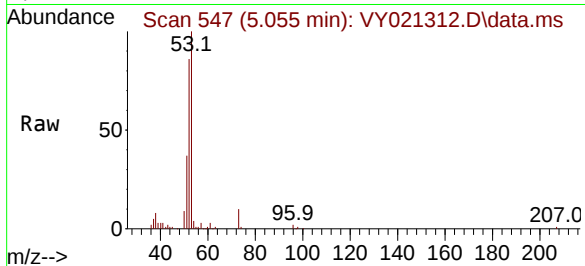




#15
Acrylonitrile
Concen: 264.397 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

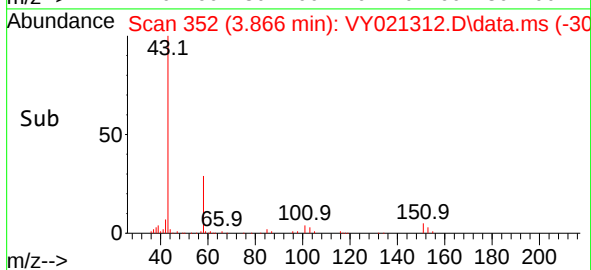
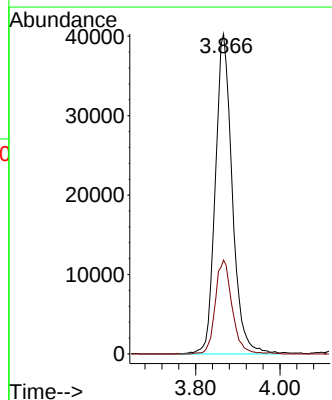
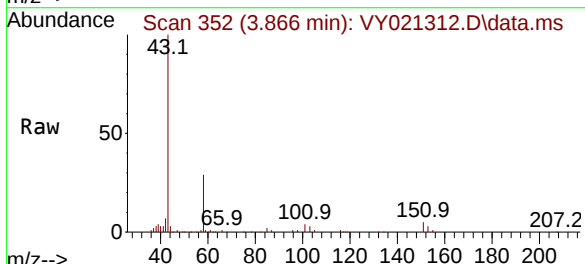
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

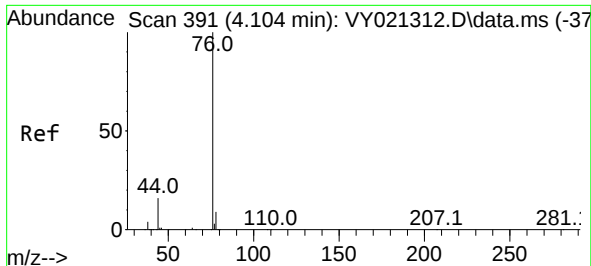
Tgt Ion: 53 Resp: 111677
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 38.3 30.6 46.0



#16
Acetone
Concen: 293.294 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 111923
Ion Ratio Lower Upper
43 100
58 29.4 23.5 35.3

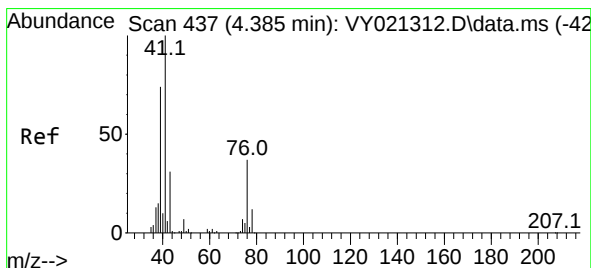
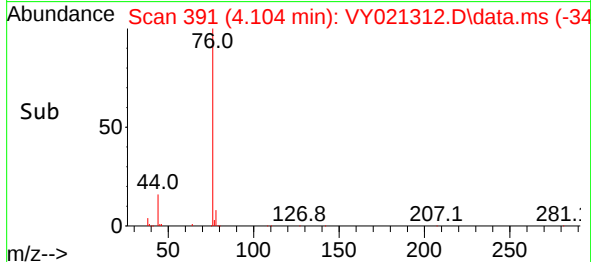
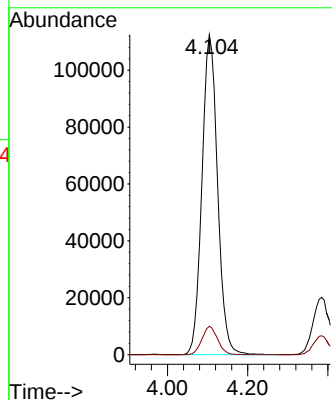
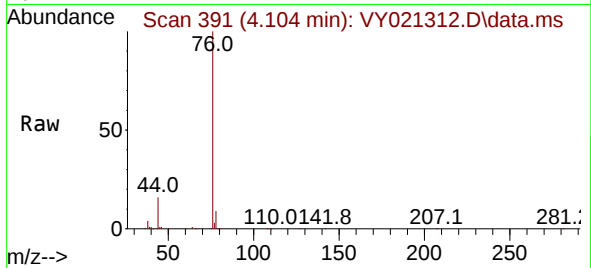




#17
Carbon Disulfide
Concen: 51.892 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

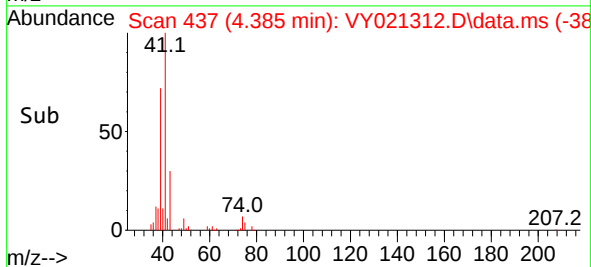
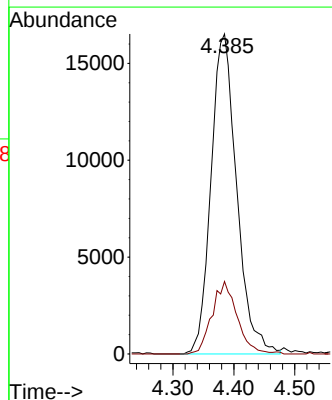
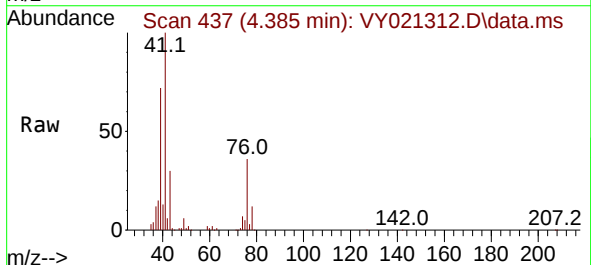
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

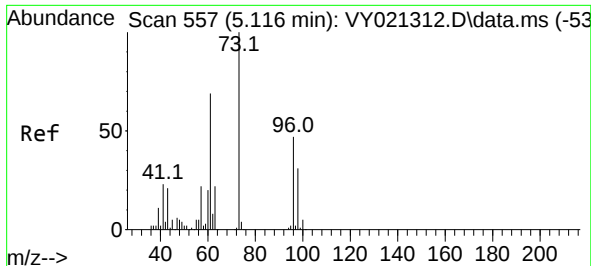
Tgt Ion: 76 Resp: 304042
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 51.864 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 48368
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 53.043 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

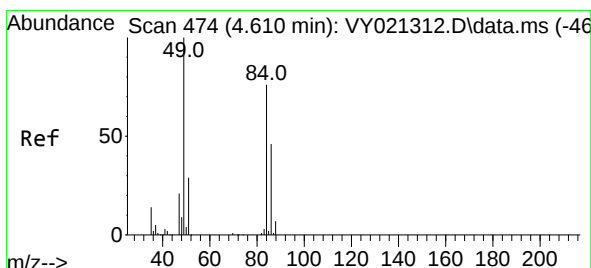
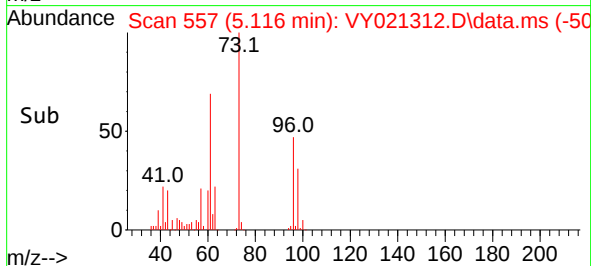
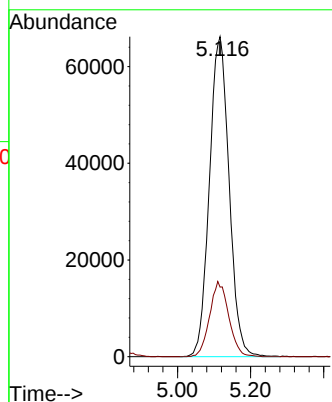
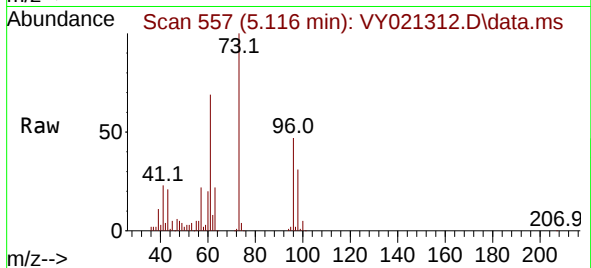
VSTDICCC050

Tgt Ion: 73 Resp: 247280

Ion Ratio Lower Upper

73 100

57 21.7 17.4 26.0



#20

Methylene Chloride

Concen: 49.716 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Tgt Ion: 84 Resp: 102592

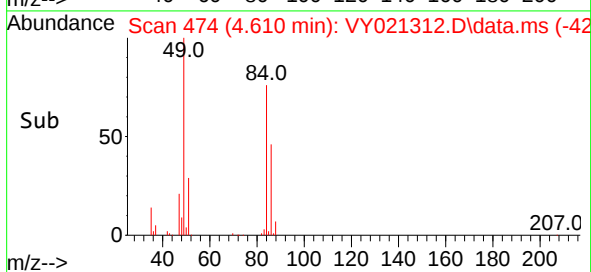
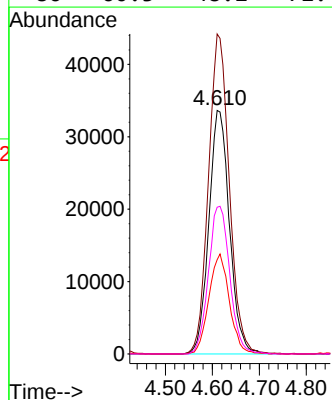
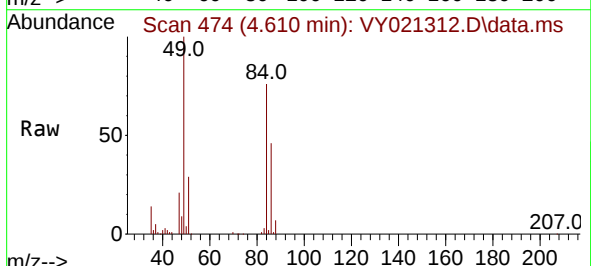
Ion Ratio Lower Upper

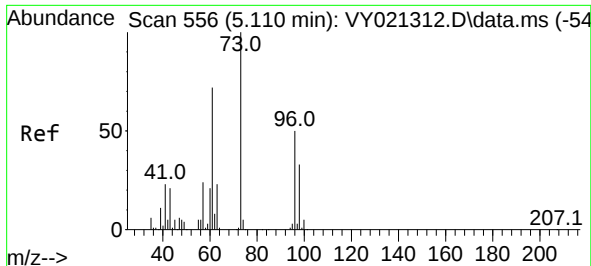
84 100

49 131.4 105.1 157.7

51 38.7 31.0 46.4

86 60.3 48.2 72.4

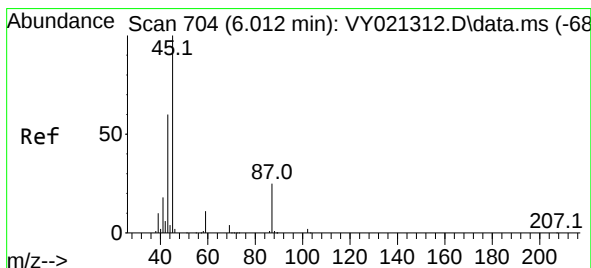
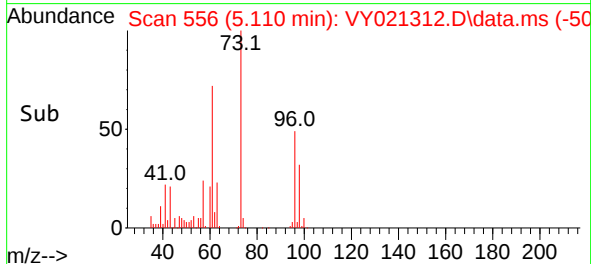
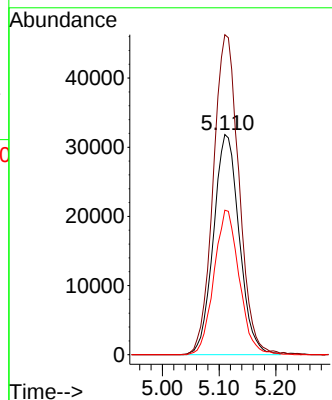
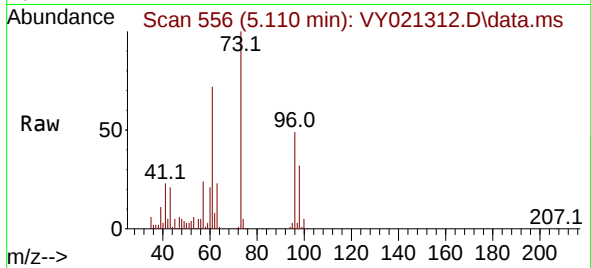




#21
trans-1,2-Dichloroethene
Concen: 51.774 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

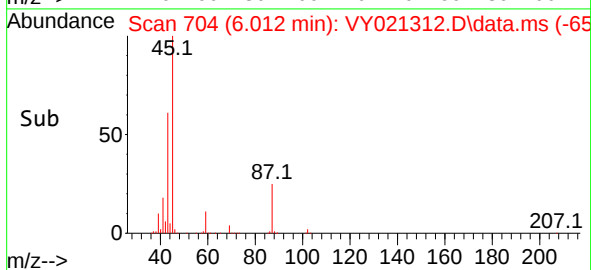
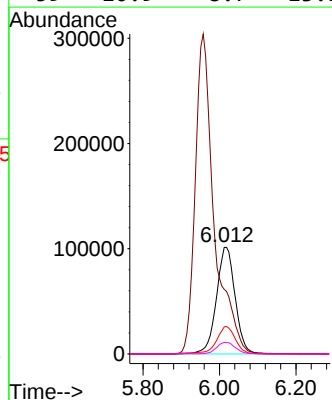
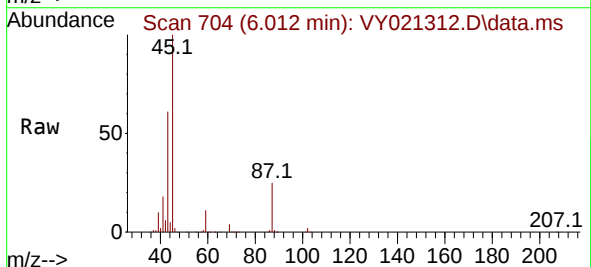
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

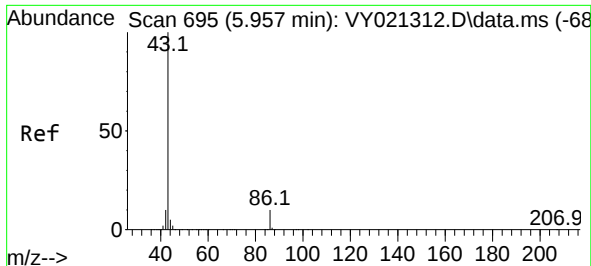
Tgt Ion: 96 Resp: 100568
Ion Ratio Lower Upper
96 100
61 145.4 116.3 174.5
98 65.7 52.6 78.8



#22
Diisopropyl ether
Concen: 53.126 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 45 Resp: 343920
Ion Ratio Lower Upper
45 100
43 60.3 48.2 72.4
87 25.4 20.3 30.5
59 10.9 8.7 13.1

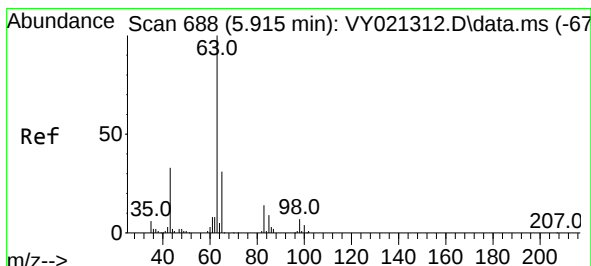
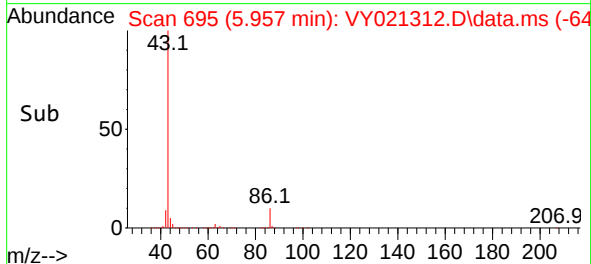
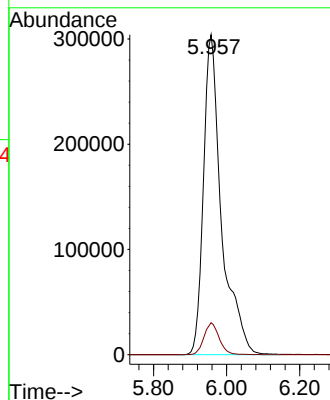
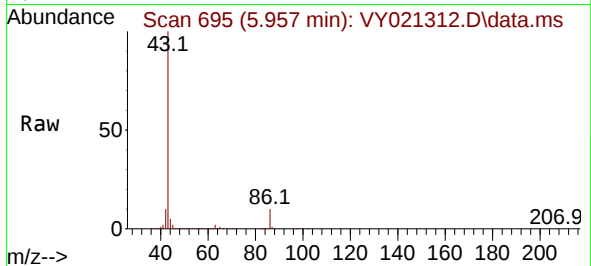




#23
 Vinyl Acetate
 Concen: 269.294 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021312.D
 Acq: 25 Feb 2025 14:48

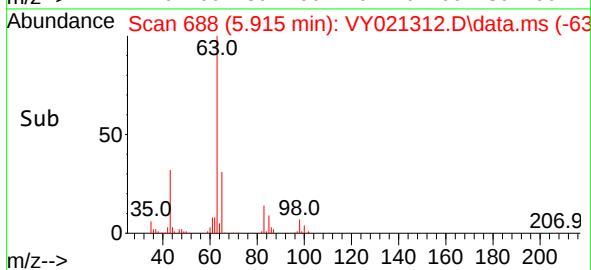
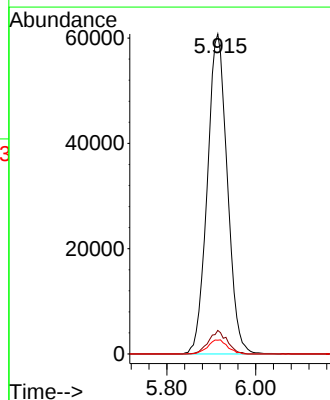
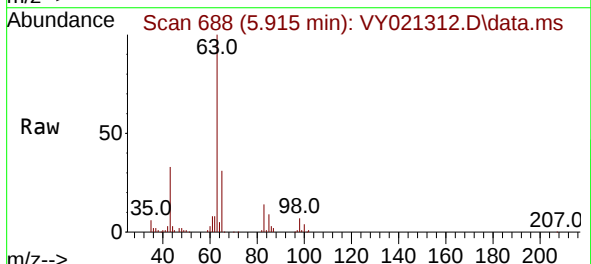
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

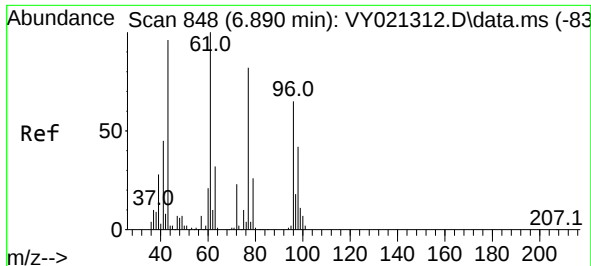
Tgt Ion: 43 Resp: 1041767
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 52.057 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021312.D
 Acq: 25 Feb 2025 14:48

Tgt Ion: 63 Resp: 189943
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.3 2.1 6.5

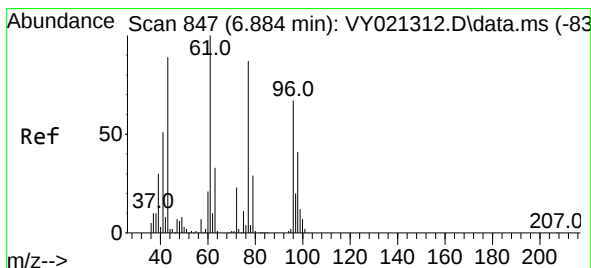
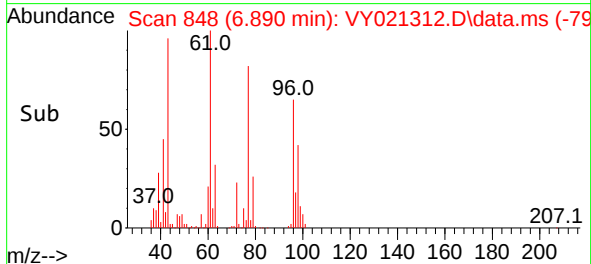
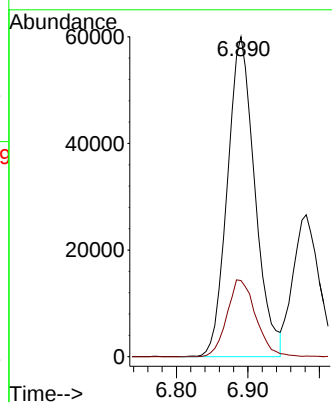
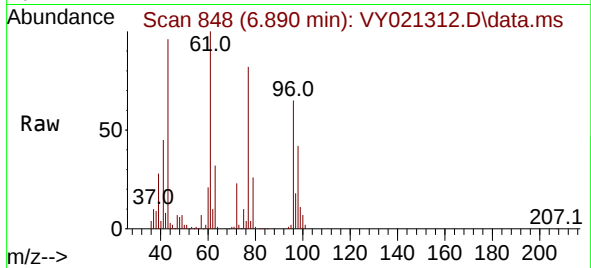




#25
2-Butanone
Concen: 278.240 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

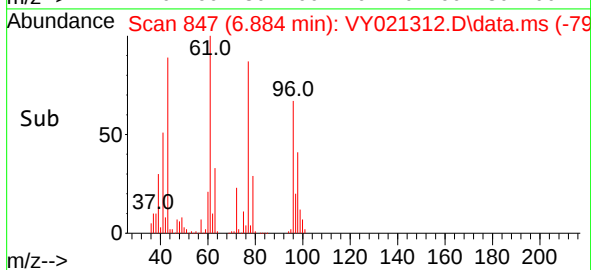
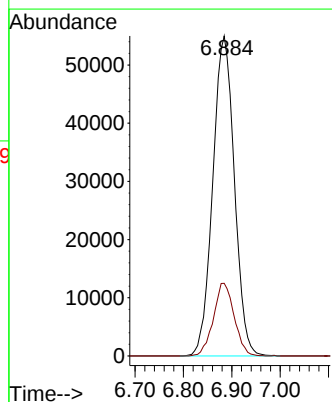
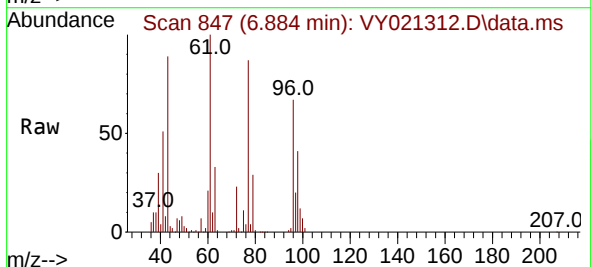
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

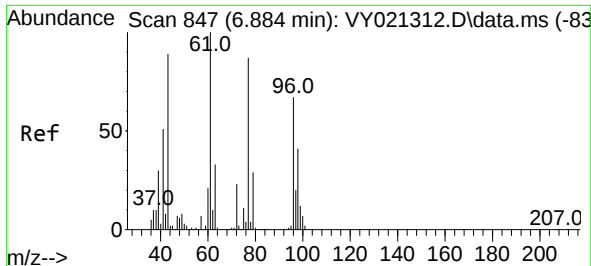
Tgt Ion: 43 Resp: 160248
Ion Ratio Lower Upper
43 100
72 23.8 19.0 28.6



#26
2,2-Dichloropropane
Concen: 51.489 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 77 Resp: 170469
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.579 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

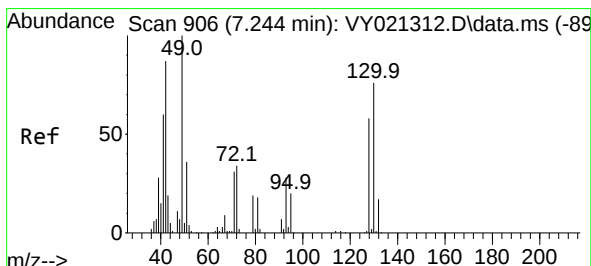
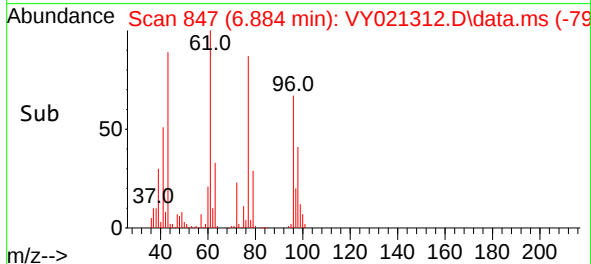
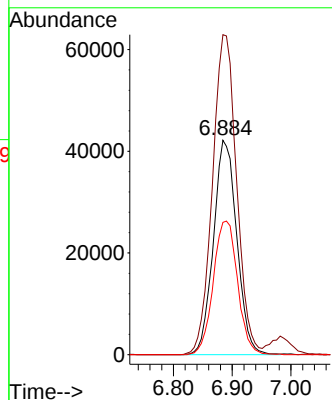
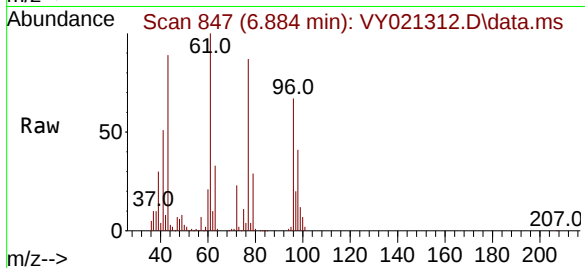
Tgt Ion: 96 Resp: 116627

Ion Ratio Lower Upper

96 100

61 154.0 0.0 308.0

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 49.352 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

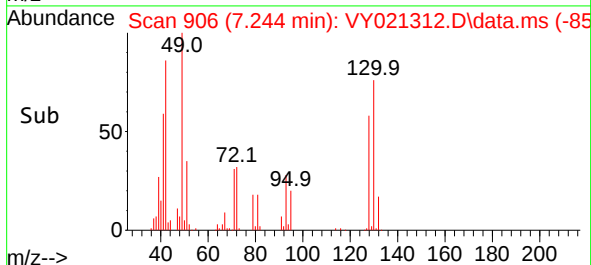
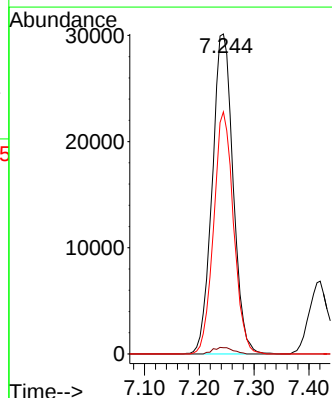
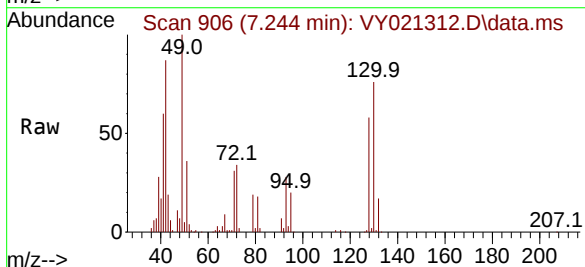
Tgt Ion: 49 Resp: 79678

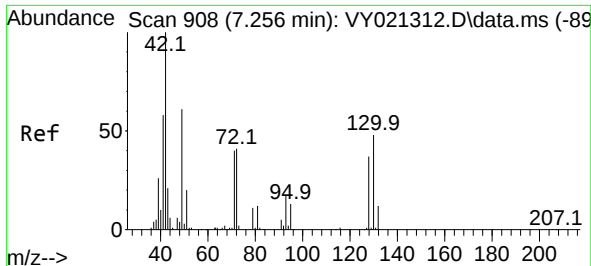
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 72.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 266.741 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

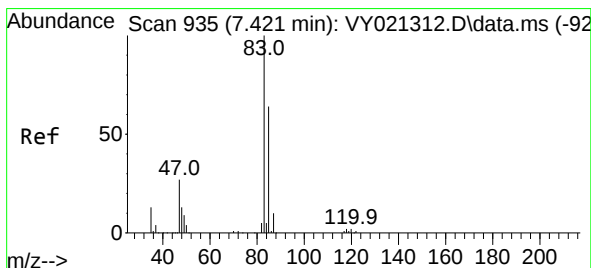
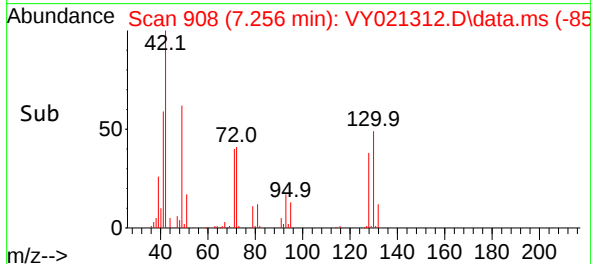
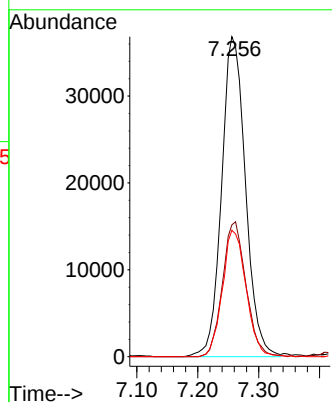
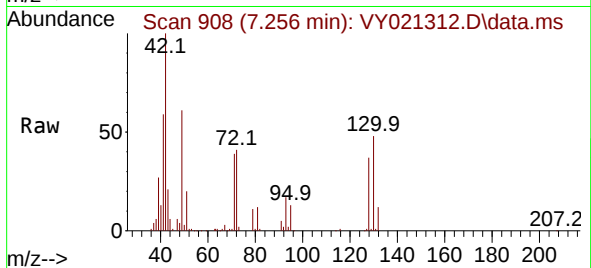
Tgt Ion: 42 Resp: 100417

Ion Ratio Lower Upper

42 100

72 41.4 33.1 49.7

71 39.2 31.4 47.0



#30

Chloroform

Concen: 51.925 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021312.D

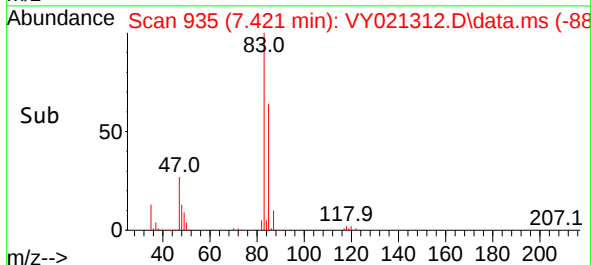
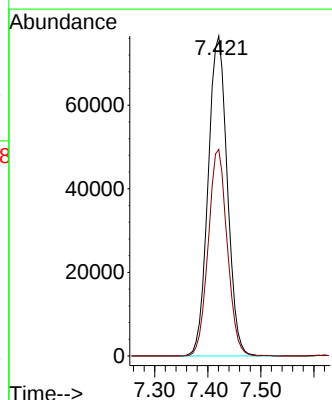
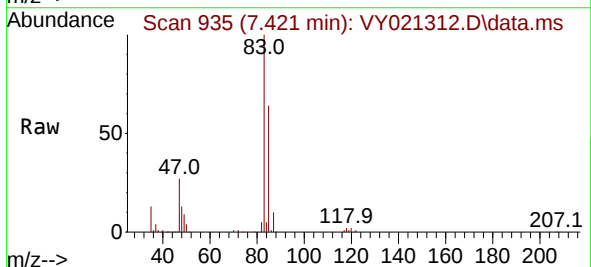
Acq: 25 Feb 2025 14:48

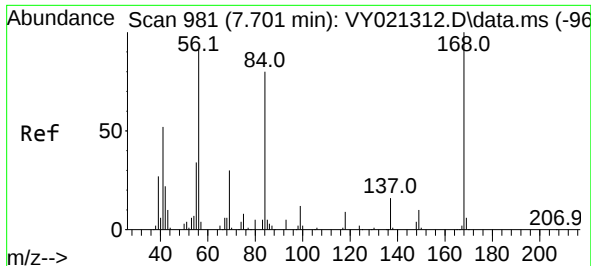
Tgt Ion: 83 Resp: 191980

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

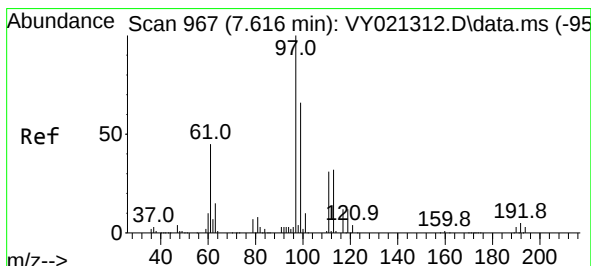
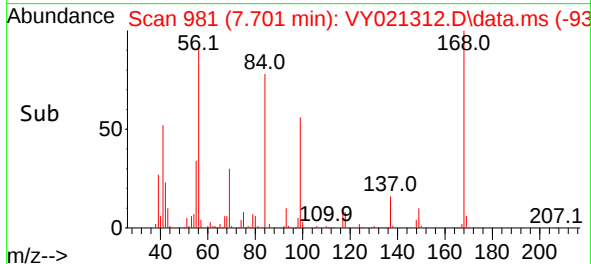
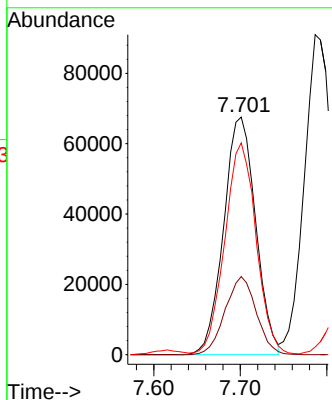
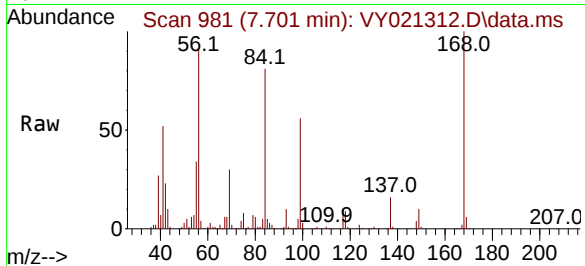




#31
Cyclohexane
Concen: 49.456 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

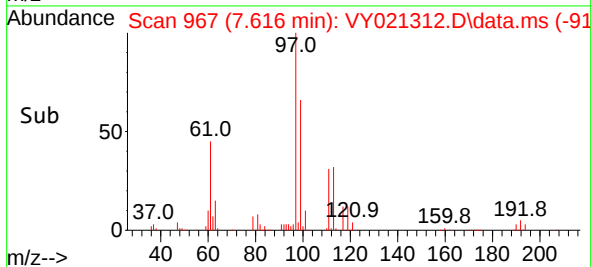
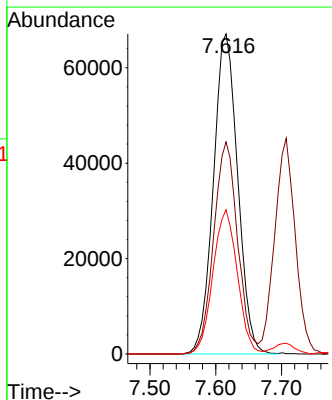
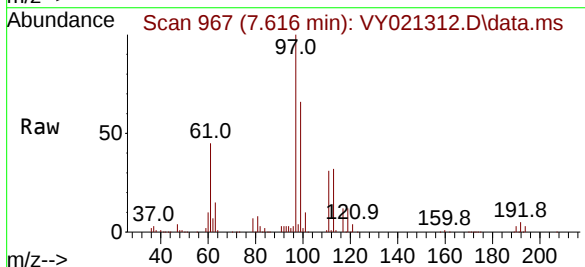
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

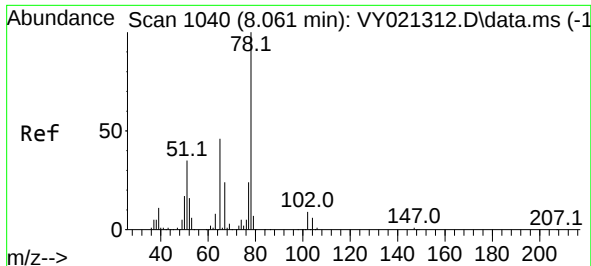
Tgt Ion: 56 Resp: 173460
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 87.8 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 51.372 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 97 Resp: 172880
Ion Ratio Lower Upper
97 100
99 65.5 52.4 78.6
61 45.2 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 48.606 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

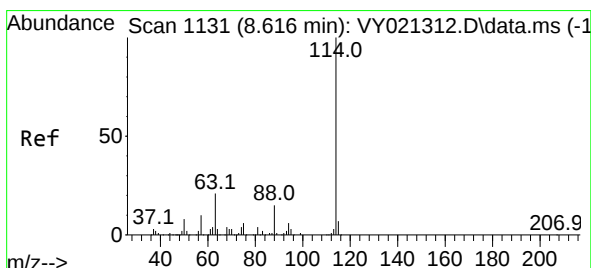
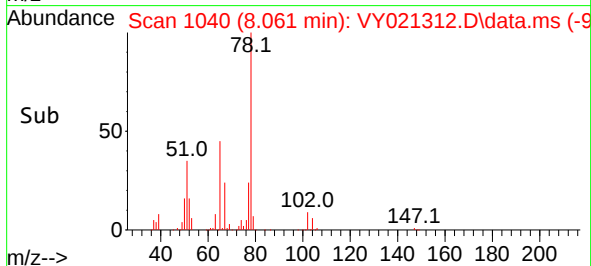
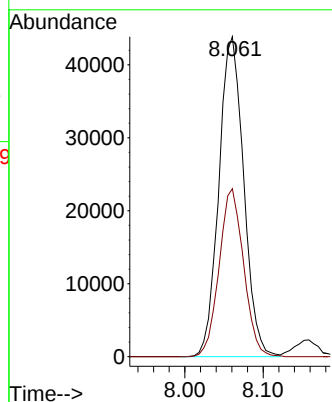
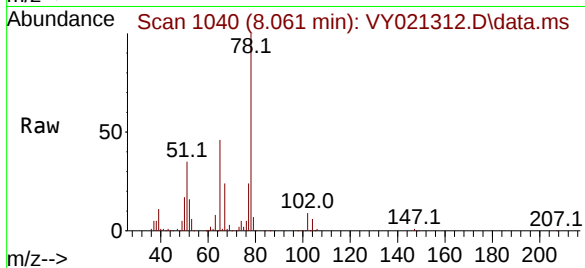
VSTDICCC050

Tgt Ion: 65 Resp: 96694

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

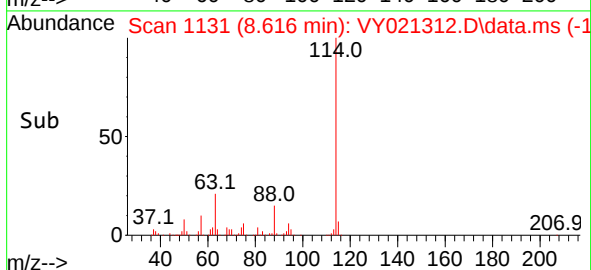
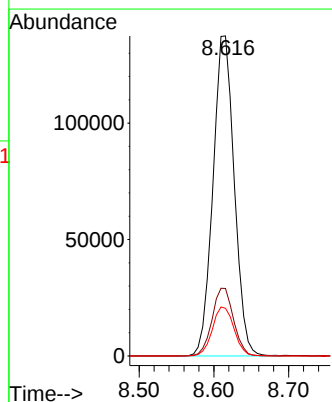
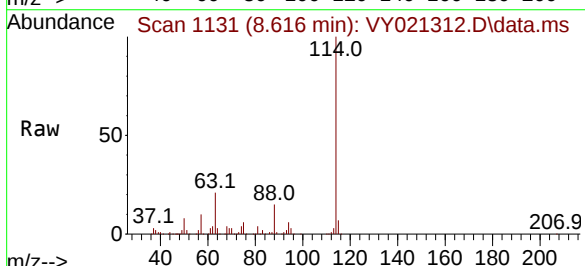
Tgt Ion: 114 Resp: 272563

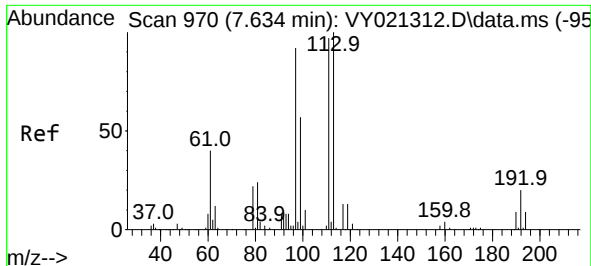
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 14.9 0.0 29.8

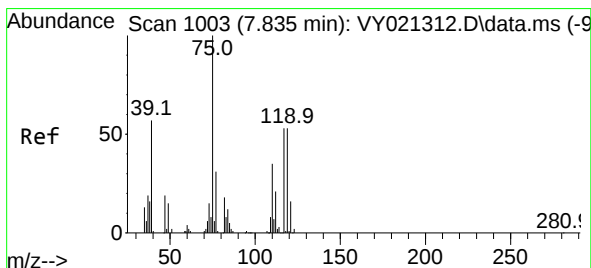
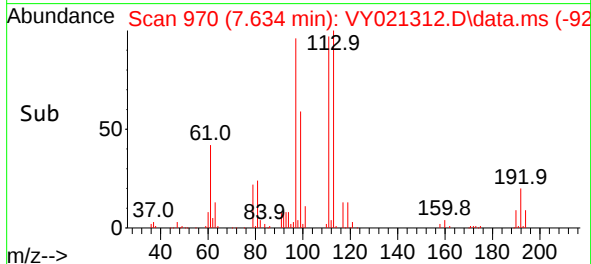
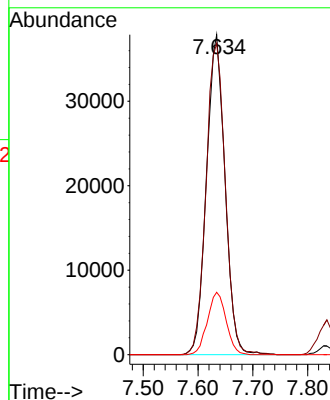
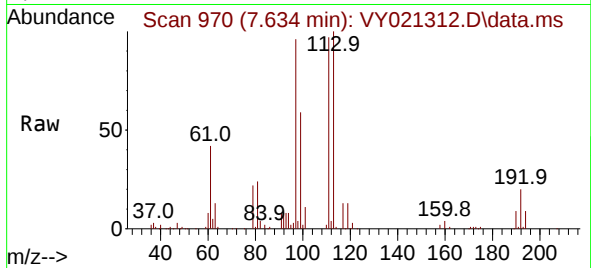




#35
Dibromofluoromethane
Concen: 49.533 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

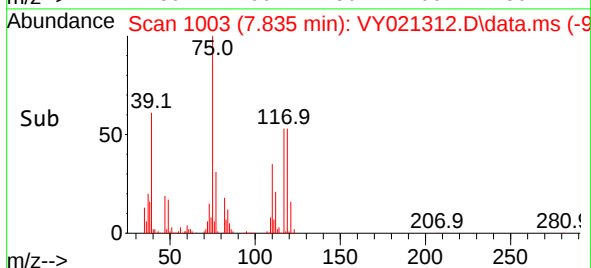
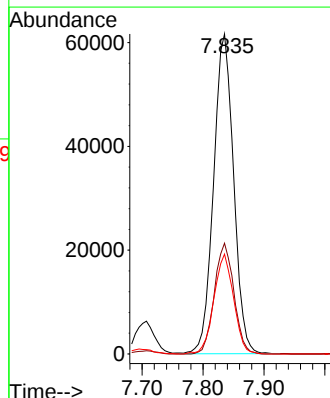
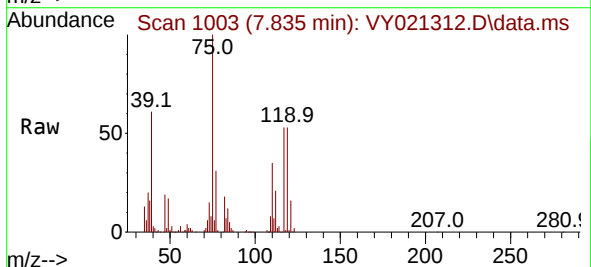
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

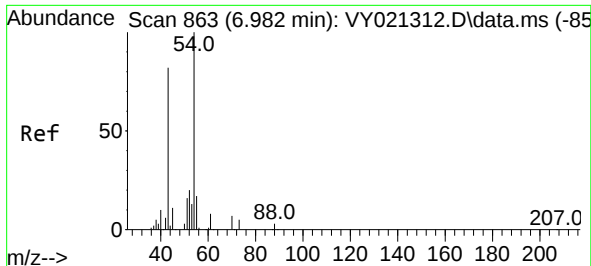
Tgt Ion:113 Resp: 88513
Ion Ratio Lower Upper
113 100
111 101.3 81.0 121.6
192 19.8 15.8 23.8



#36
1,1-Dichloropropene
Concen: 52.371 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 140574
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 30.7 24.6 36.8

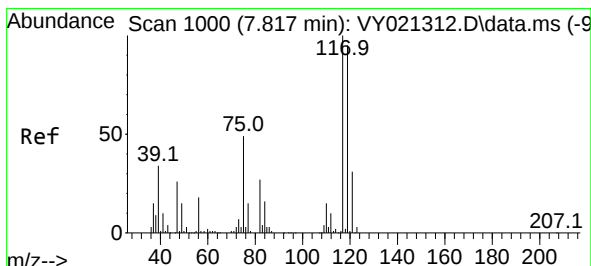
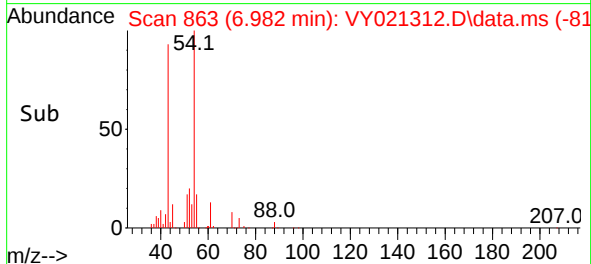
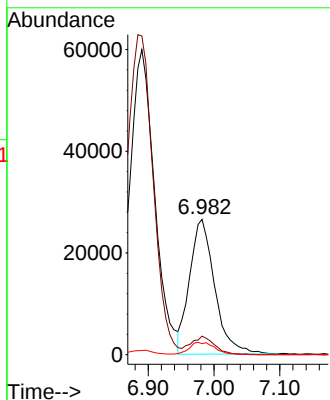
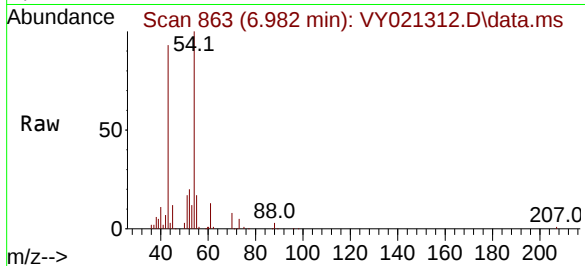




#37
Ethyl Acetate
Concen: 52.565 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

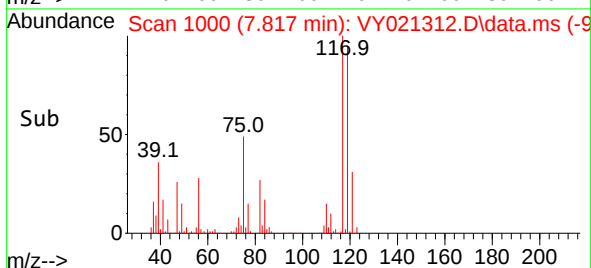
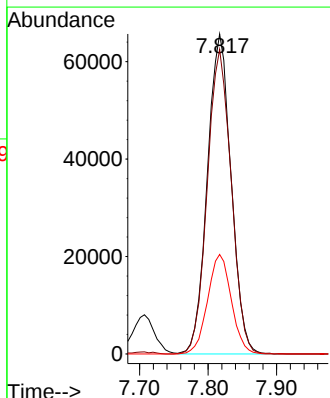
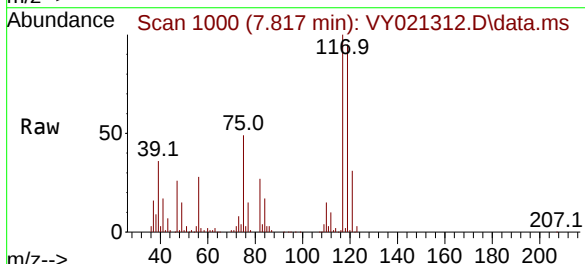
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

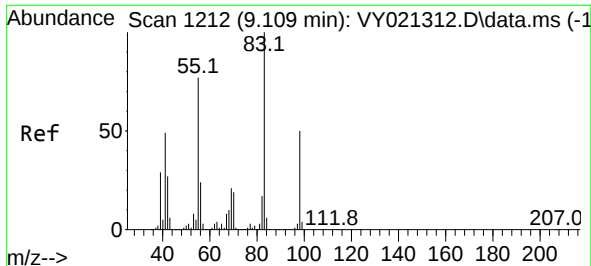
Tgt Ion: 43 Resp: 70184
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.4 7.5 11.3



#38
Carbon Tetrachloride
Concen: 52.465 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 117 Resp: 158319
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0
121 31.1 24.9 37.3

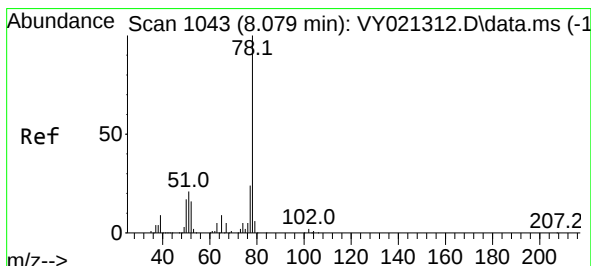
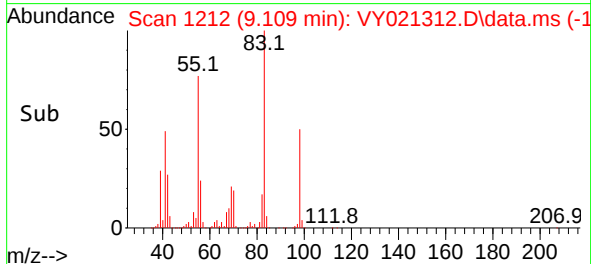
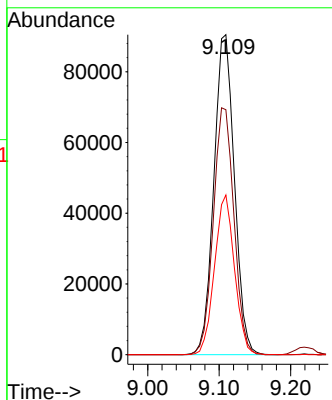
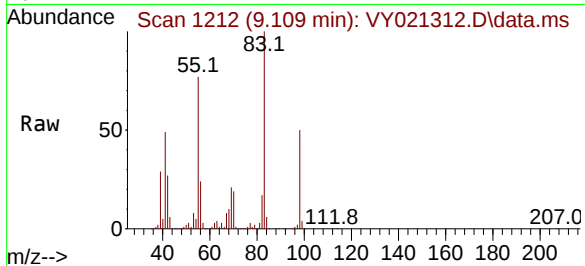




#39
Methylcyclohexane
Concen: 53.165 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

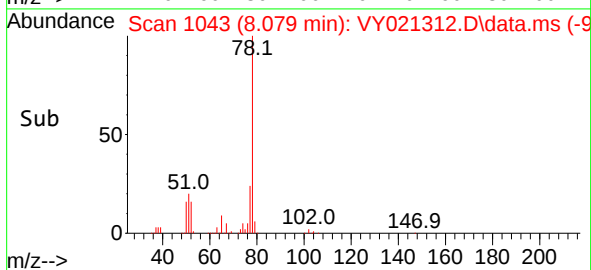
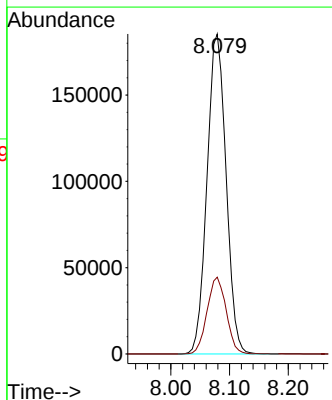
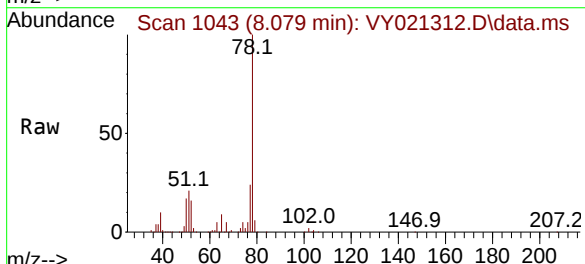
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

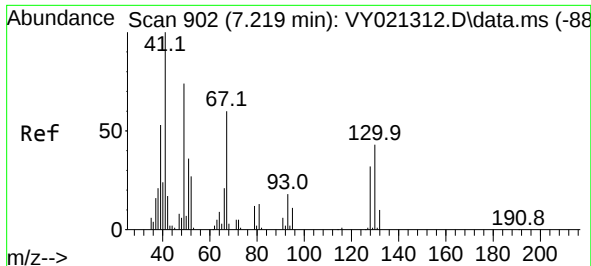
Tgt Ion: 83 Resp: 180496
Ion Ratio Lower Upper
83 100
55 76.6 61.3 91.9
98 49.9 39.9 59.9



#40
Benzene
Concen: 52.655 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 78 Resp: 417798
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

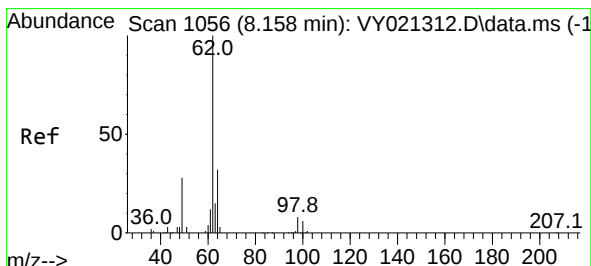
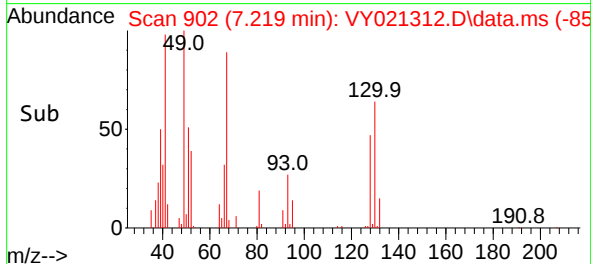
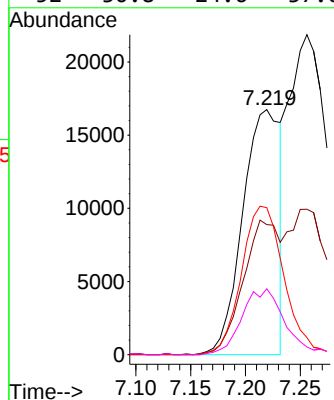
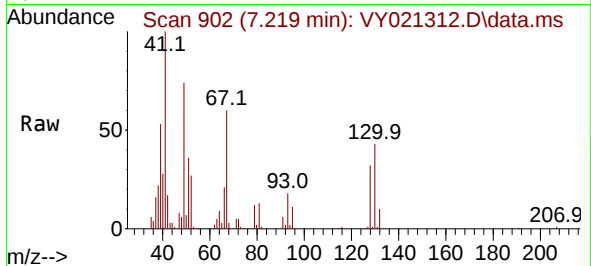




#41
Methacrylonitrile
Concen: 53.535 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

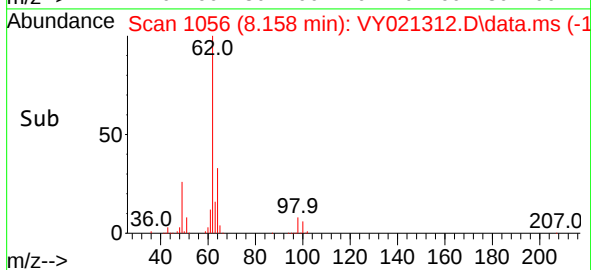
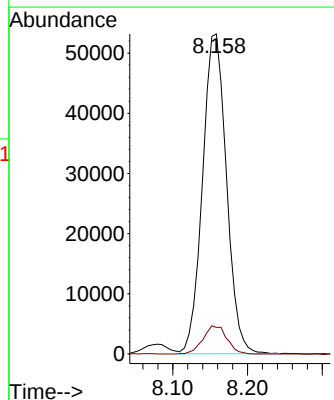
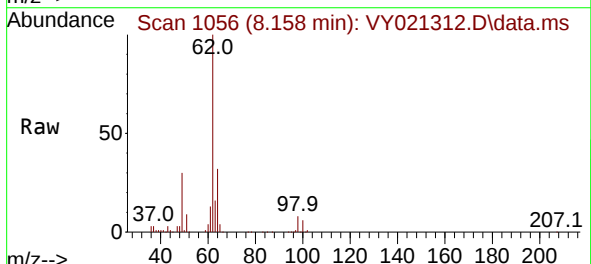
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

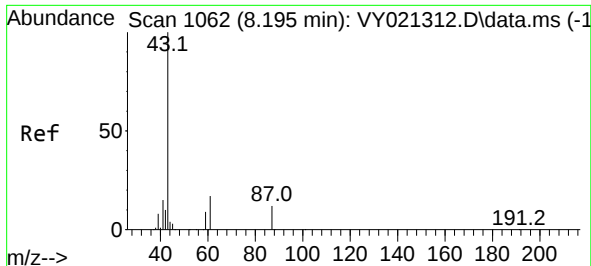
Tgt Ion:	41	Resp:	39965
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.3	63.5
67	68.5	54.8	82.2
52	30.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 52.494 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:	62	Resp:	118176
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

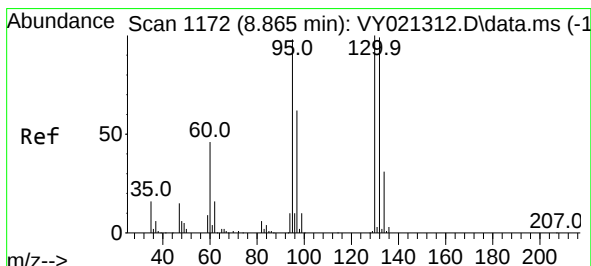
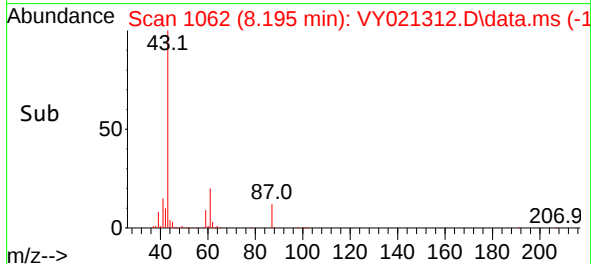
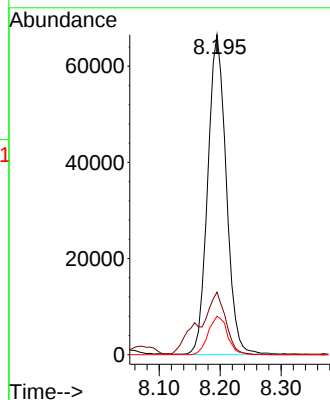
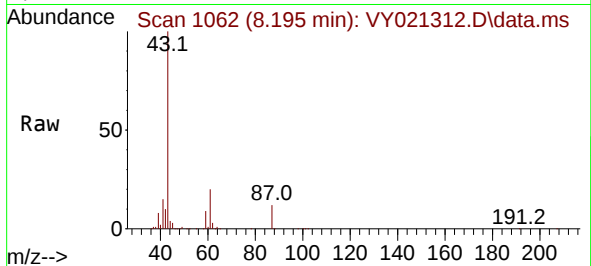




#43
Isopropyl Acetate
Concen: 54.106 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

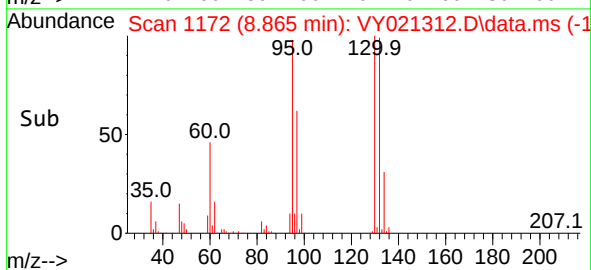
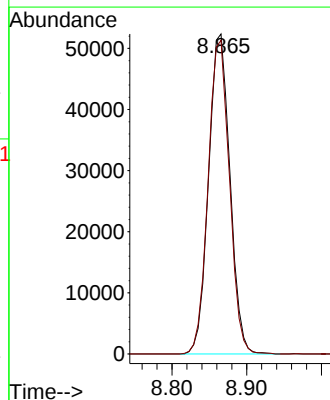
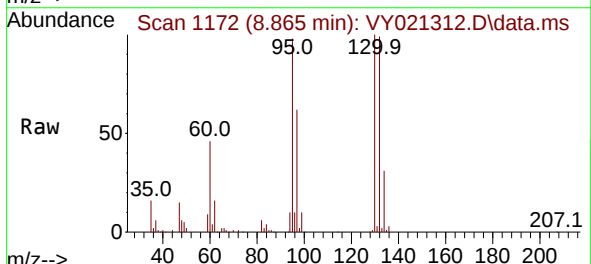
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

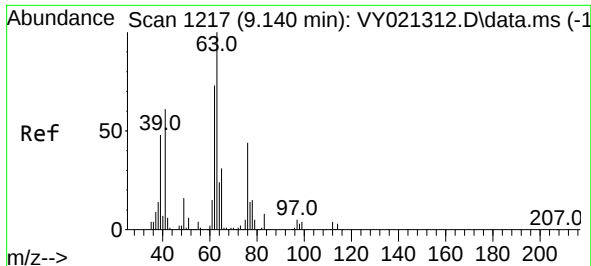
Tgt Ion: 43 Resp: 139829
Ion Ratio Lower Upper
43 100
61 18.8 15.0 22.6
87 12.5 10.0 15.0



#44
Trichloroethene
Concen: 52.389 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:130 Resp: 104074
Ion Ratio Lower Upper
130 100
95 98.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.980 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

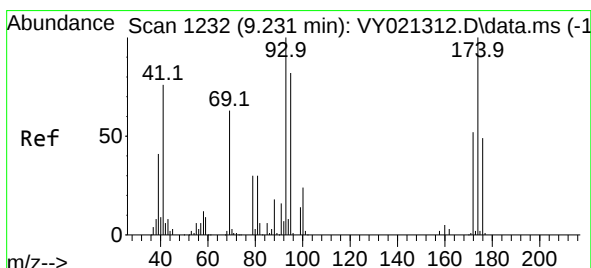
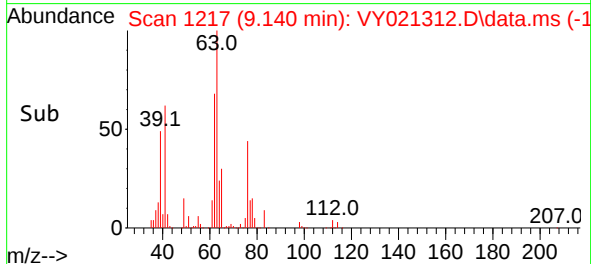
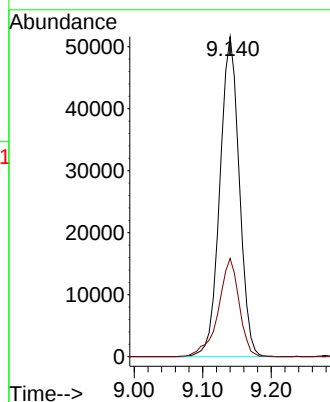
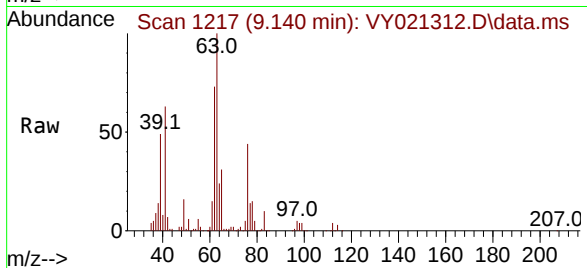
VSTDICCC050

Tgt Ion: 63 Resp: 101166

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 53.043 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

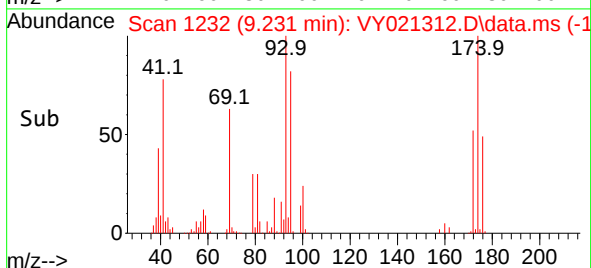
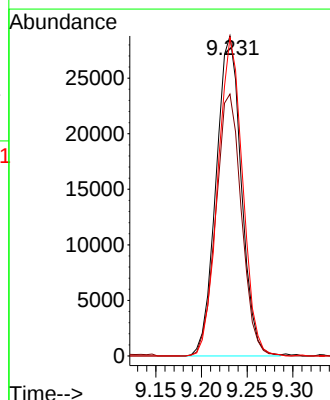
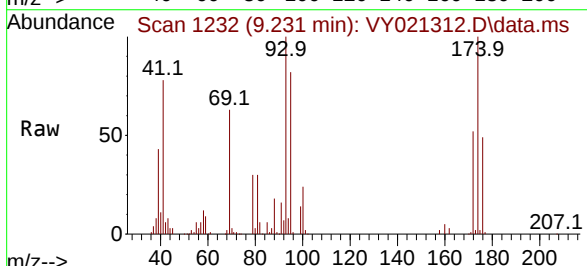
Tgt Ion: 93 Resp: 55365

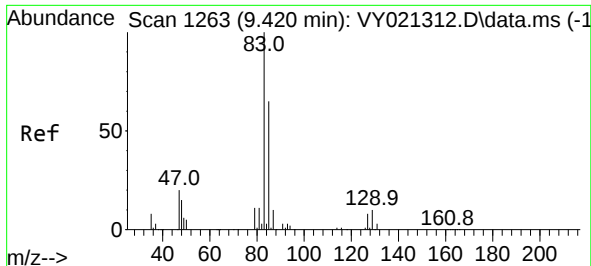
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 97.7 78.2 117.2

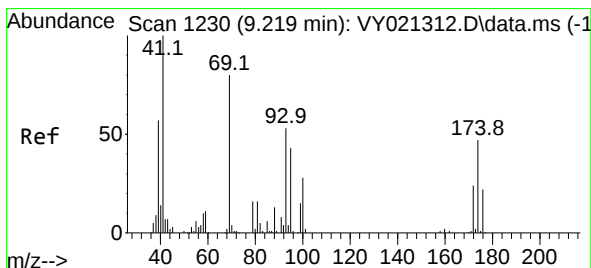
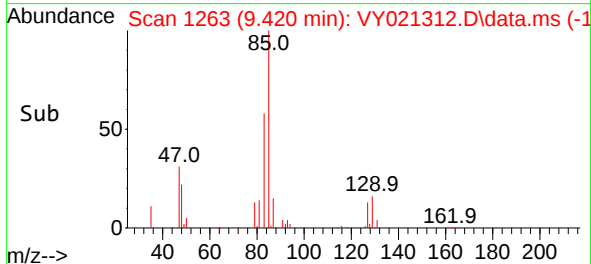
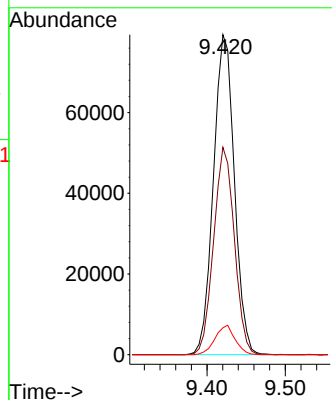
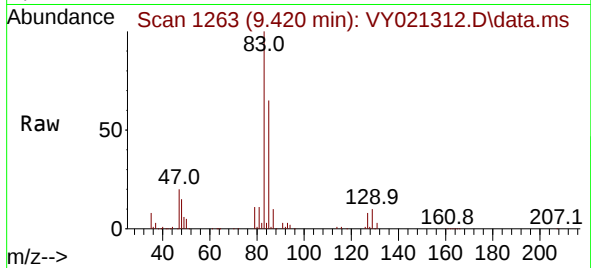




#47
Bromodichloromethane
Concen: 52.957 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

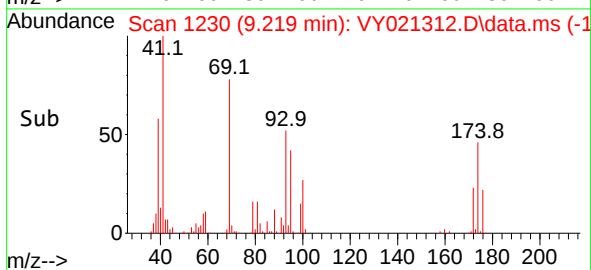
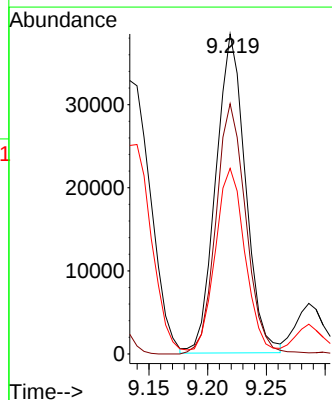
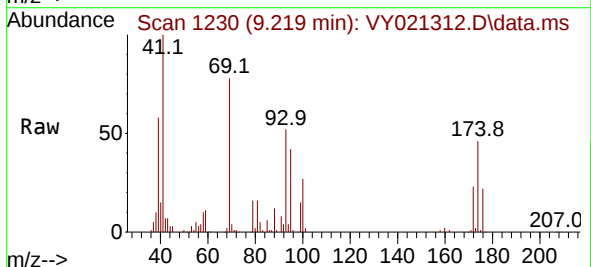
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

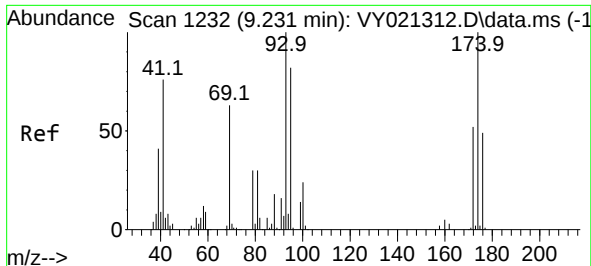
Tgt Ion: 83 Resp: 147382
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 55.775 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 41 Resp: 67406
Ion Ratio Lower Upper
41 100
69 79.1 63.3 94.9
39 56.3 45.0 67.6





#49

1,4-Dioxane

Concen: 1050.591 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

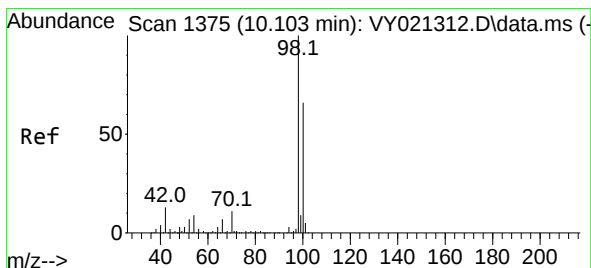
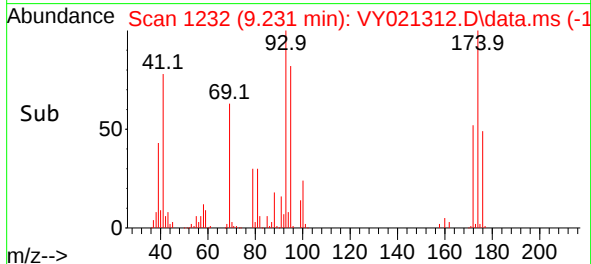
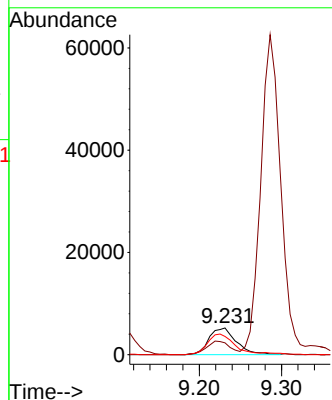
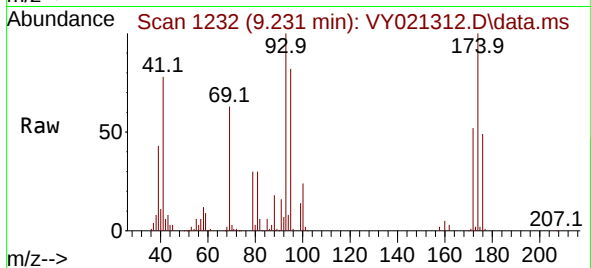
Tgt Ion: 88 Resp: 12193

Ion Ratio Lower Upper

88 100

43 43.5 34.8 52.2

58 74.7 59.8 89.6



#50

Toluene-d8

Concen: 49.367 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021312.D

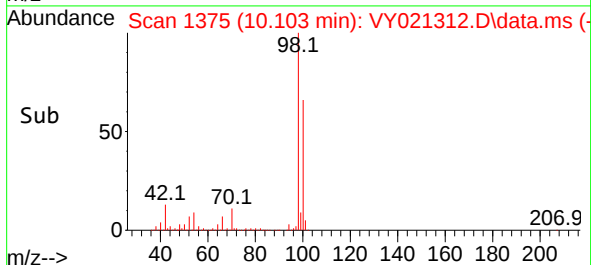
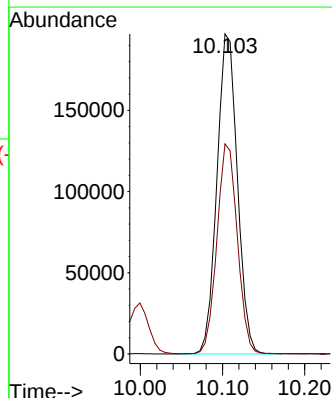
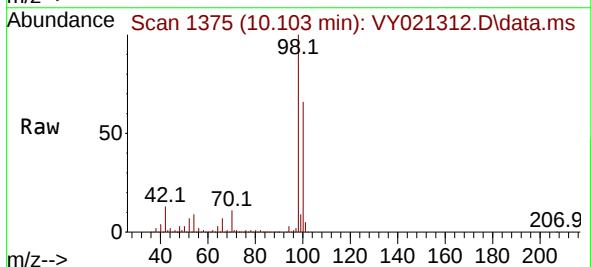
Acq: 25 Feb 2025 14:48

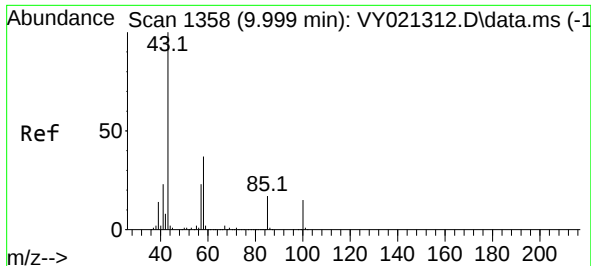
Tgt Ion: 98 Resp: 340929

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6

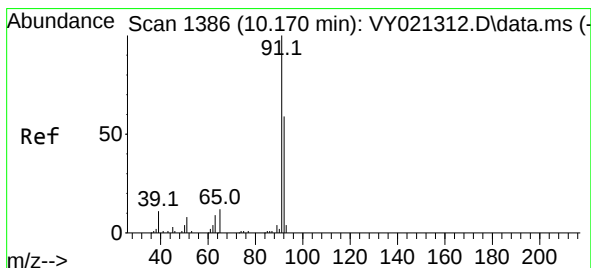
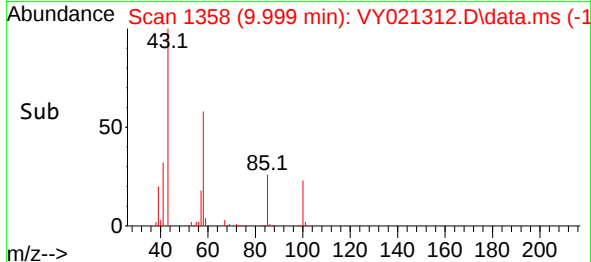
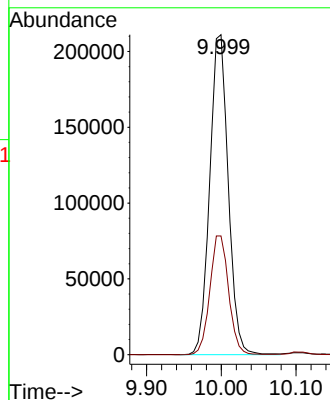
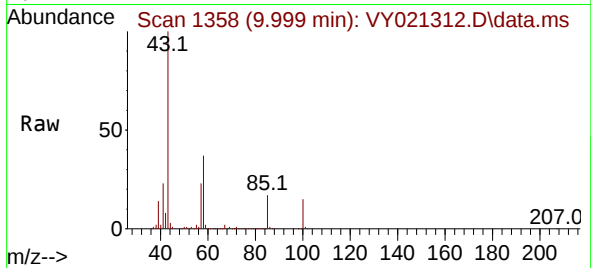




#51
4-Methyl-2-Pentanone
Concen: 275.485 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

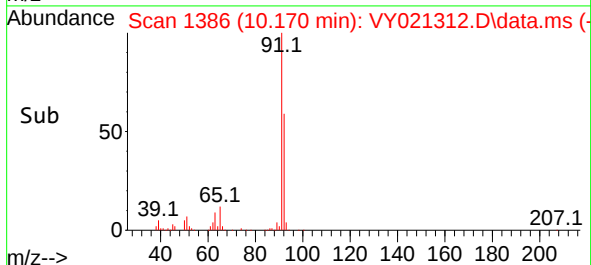
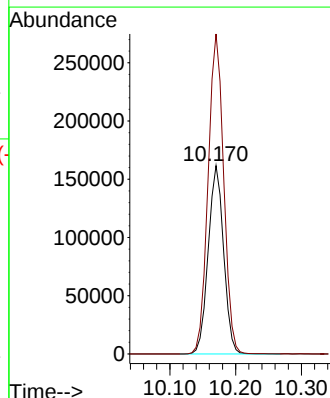
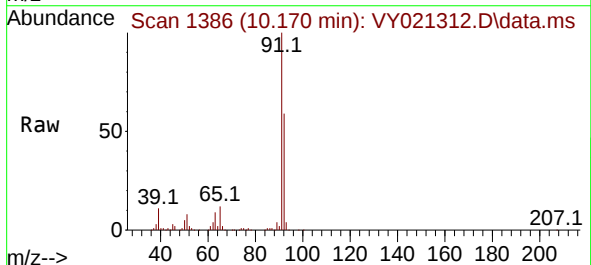
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

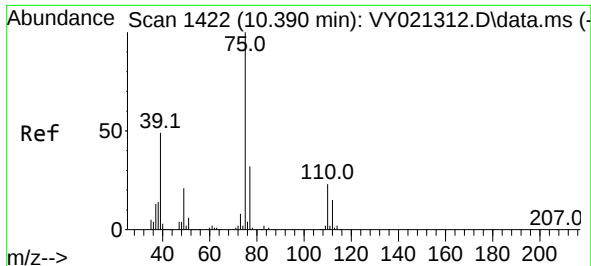
Tgt Ion: 43 Resp: 364446
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1



#52
Toluene
Concen: 53.367 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 92 Resp: 263062
Ion Ratio Lower Upper
92 100
91 172.3 137.8 206.8

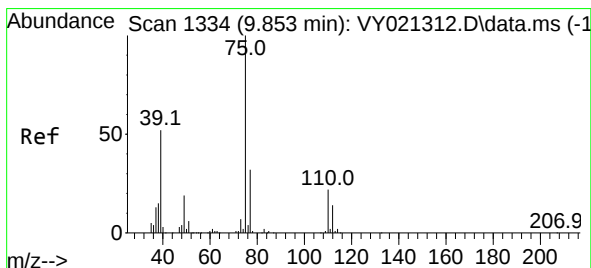
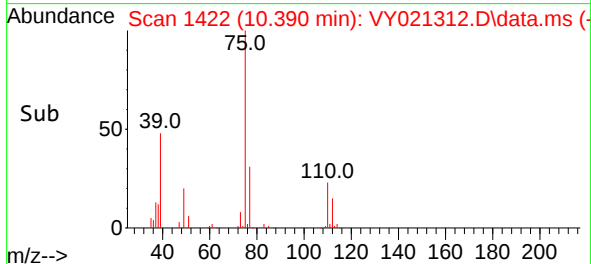
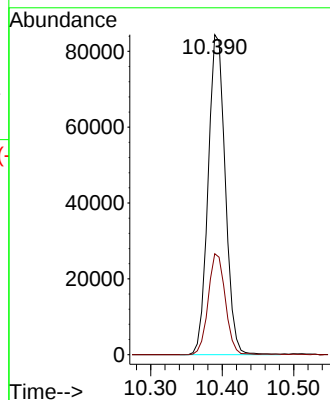
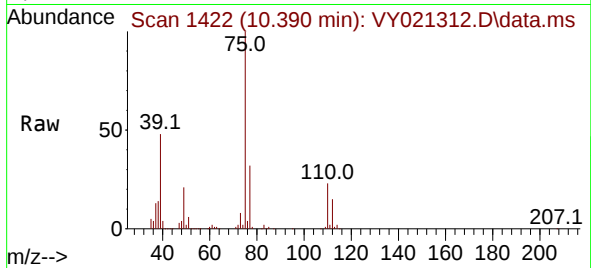




#53
 t-1,3-Dichloropropene
 Concen: 55.062 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY021312.D
 Acq: 25 Feb 2025 14:48

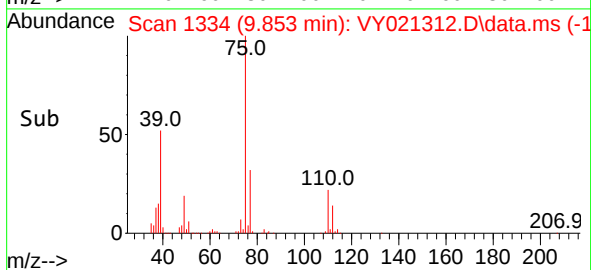
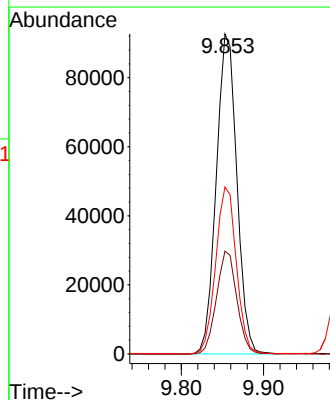
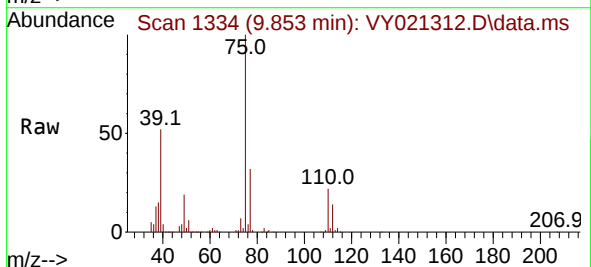
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

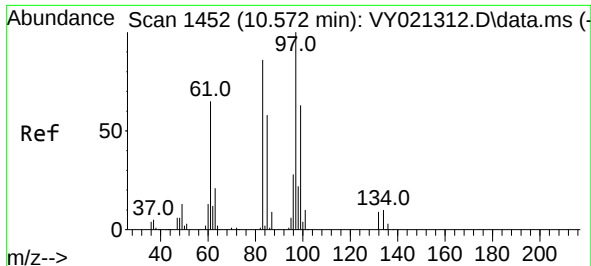
Tgt Ion: 75 Resp: 140399
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.492 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021312.D
 Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 161021
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 52.2 41.8 62.6

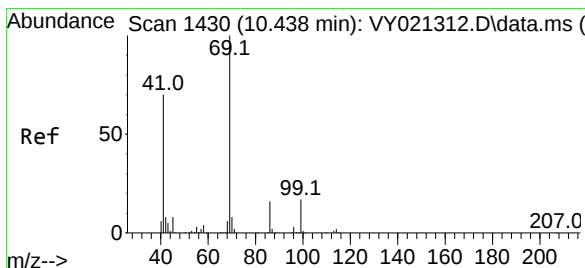
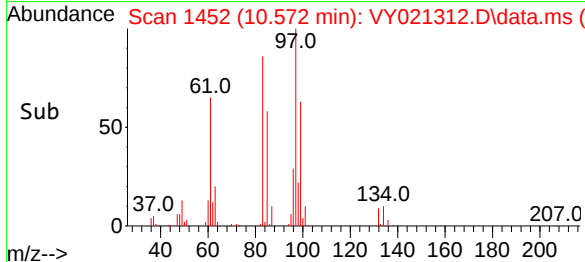
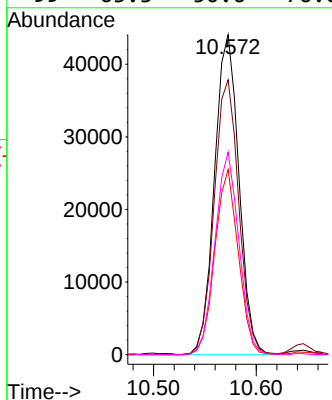
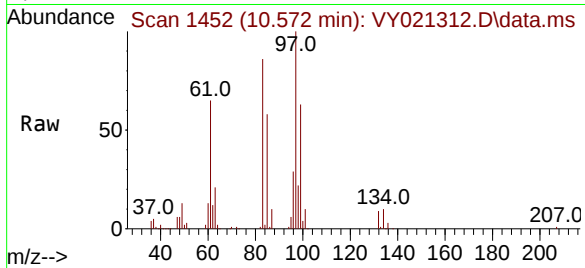




#55
1,1,2-Trichloroethane
Concen: 53.481 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

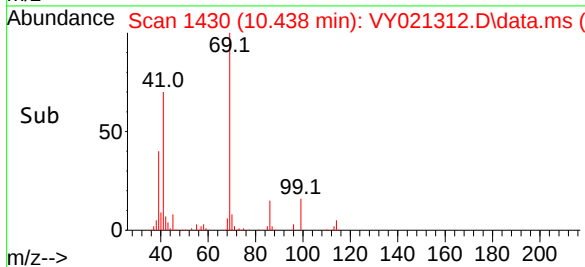
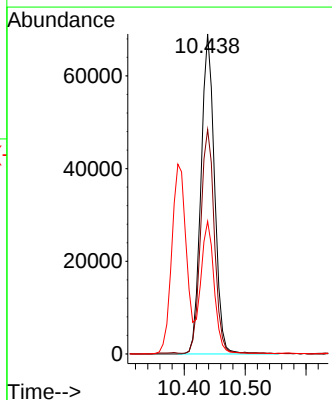
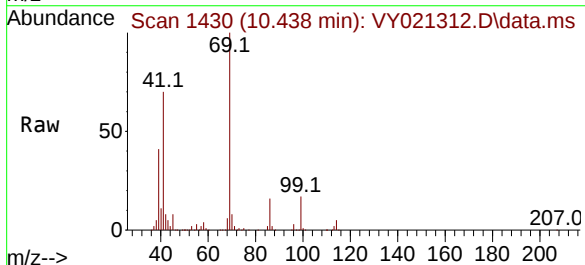
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

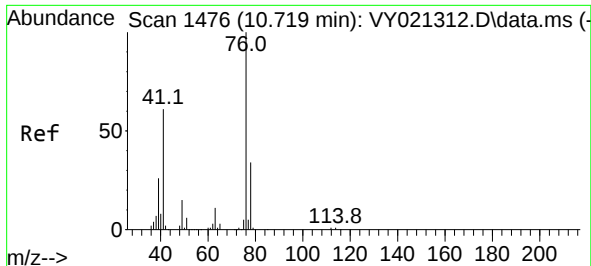
Tgt Ion:	97	Resp:	72720
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.7	103.1
85	57.9	46.3	69.5
99	63.3	50.6	76.0



#56
Ethyl methacrylate
Concen: 56.904 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:	69	Resp:	106914
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	40.9	32.7	49.1





#57

1,3-Dichloropropane

Concen: 53.559 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

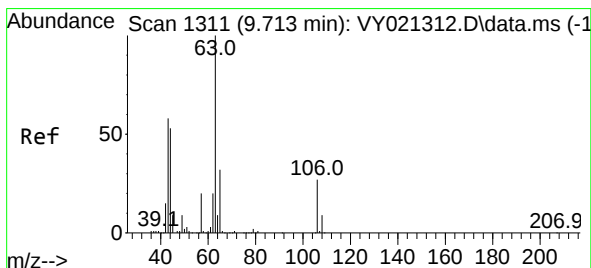
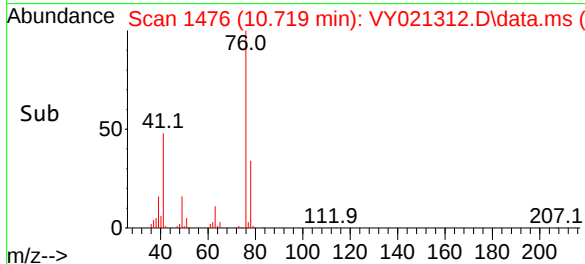
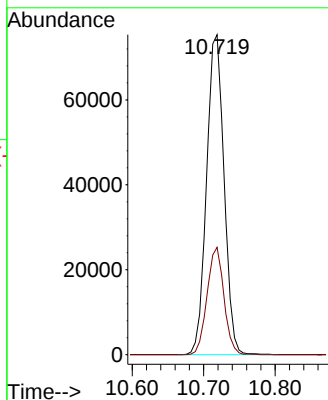
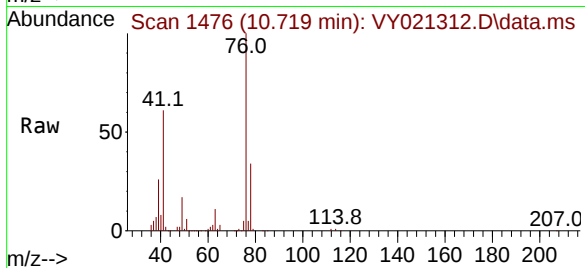
VSTDICCC050

Tgt Ion: 76 Resp: 127795

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 289.104 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021312.D

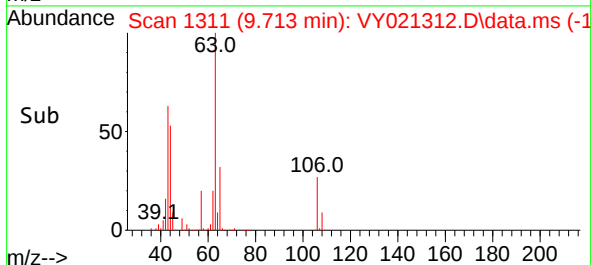
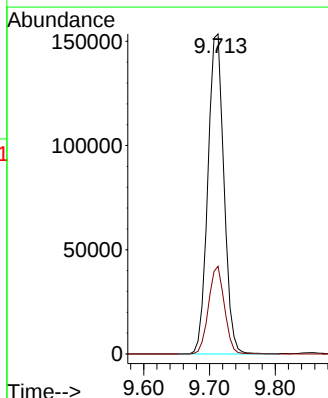
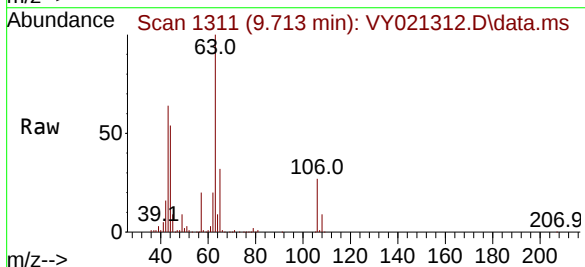
Acq: 25 Feb 2025 14:48

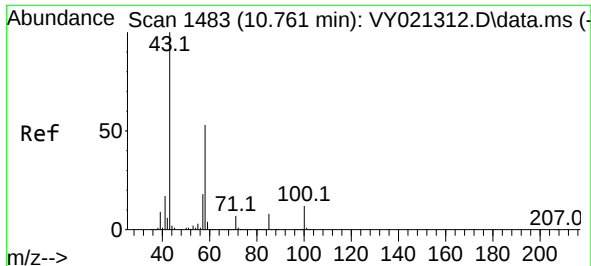
Tgt Ion: 63 Resp: 260718

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5

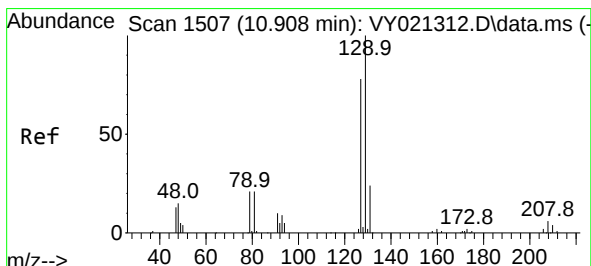
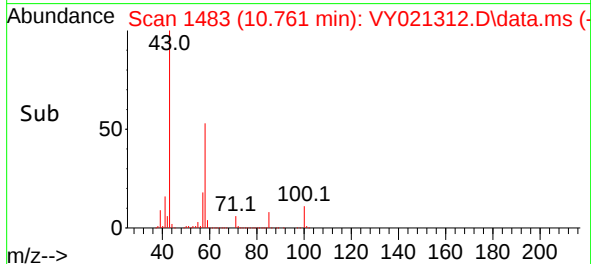
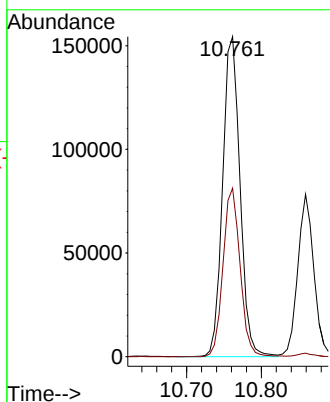
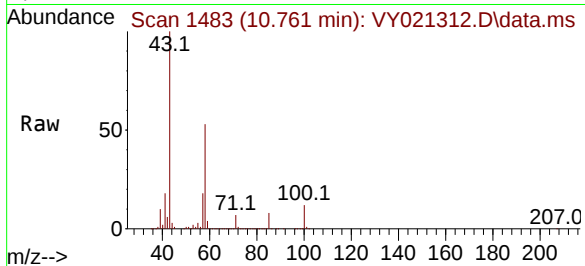




#59
2-Hexanone
Concen: 287.258 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

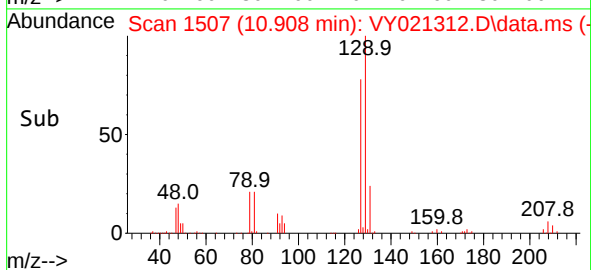
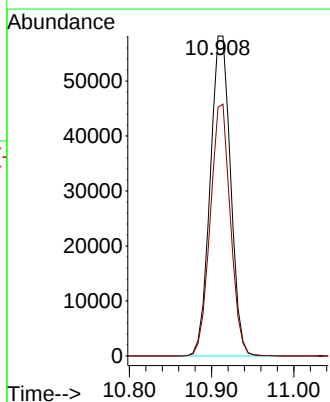
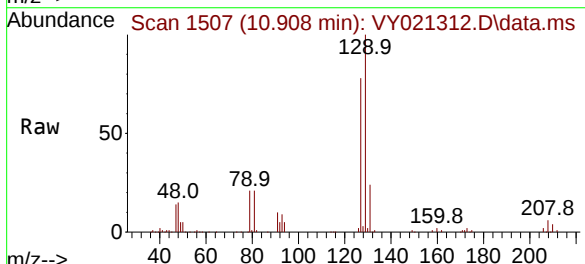
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

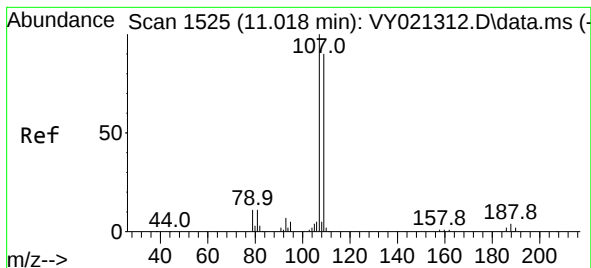
Tgt Ion: 43 Resp: 249578
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.6



#60
Dibromochloromethane
Concen: 54.134 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:129 Resp: 100250
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

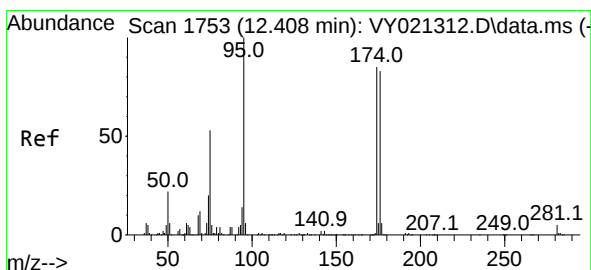
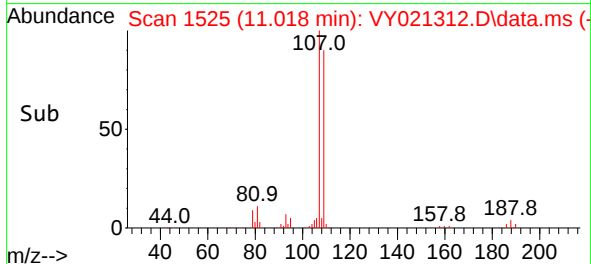
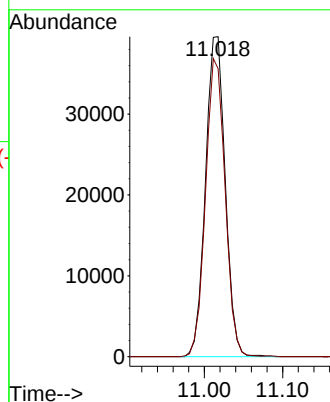
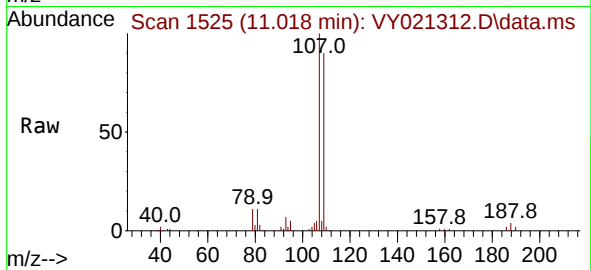




#61
1,2-Dibromoethane
Concen: 53.783 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

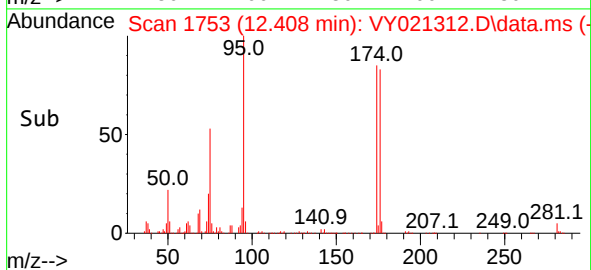
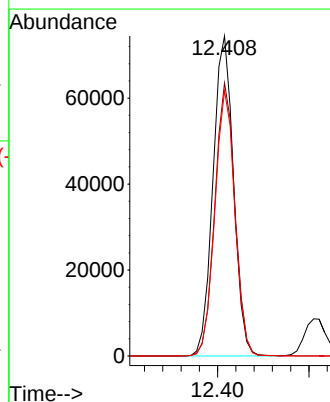
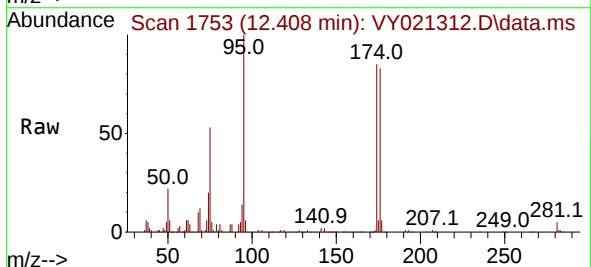
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

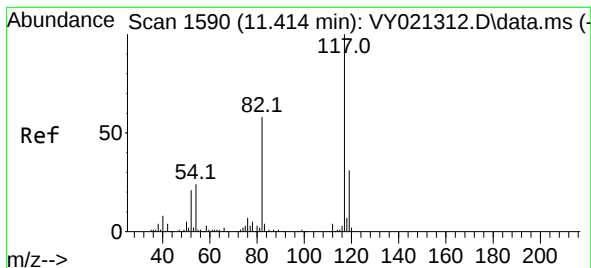
Tgt Ion:107 Resp: 69236
Ion Ratio Lower Upper
107 100
109 92.3 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 49.652 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 95 Resp: 115401
Ion Ratio Lower Upper
95 100
174 84.0 0.0 168.0
176 81.3 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

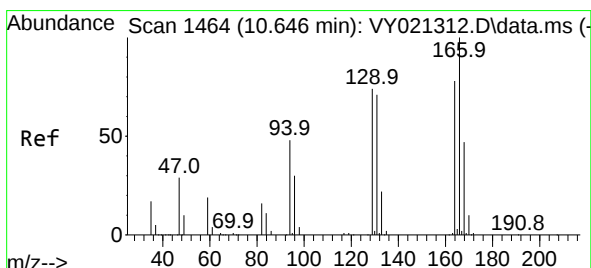
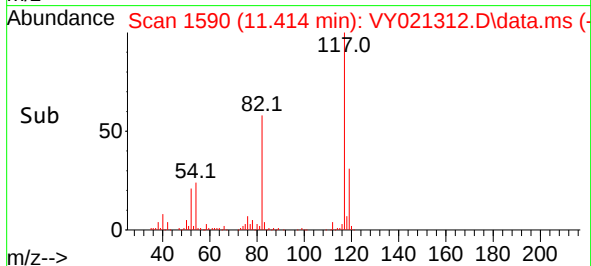
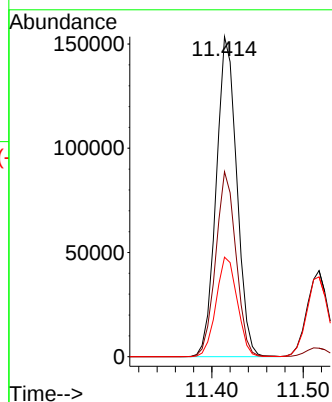
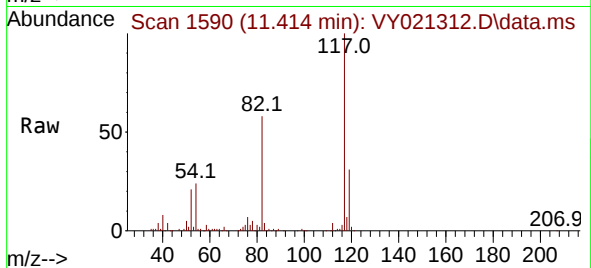
Tgt Ion:117 Resp: 239724

Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.4

119 31.1 24.9 37.3



#64

Tetrachloroethene

Concen: 51.501 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Tgt Ion:164 Resp: 93317

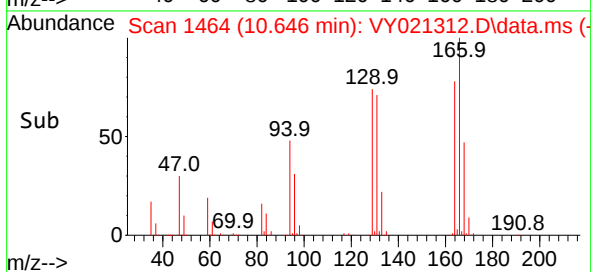
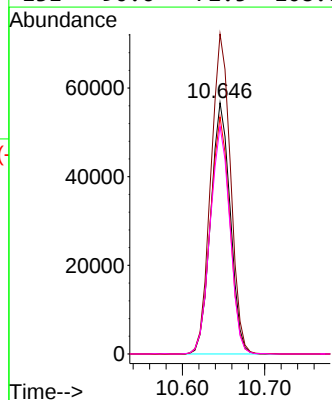
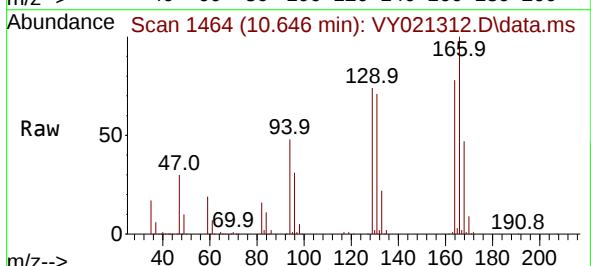
Ion Ratio Lower Upper

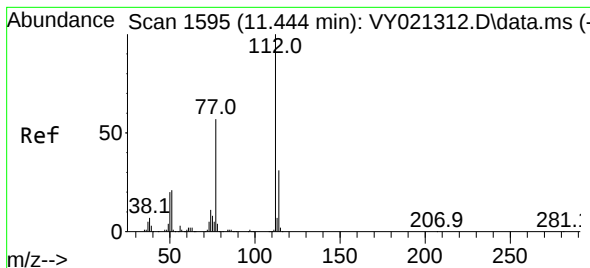
164 100

166 127.4 101.9 152.9

129 94.4 75.5 113.3

131 90.6 72.5 108.7





#65

Chlorobenzene

Concen: 52.390 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

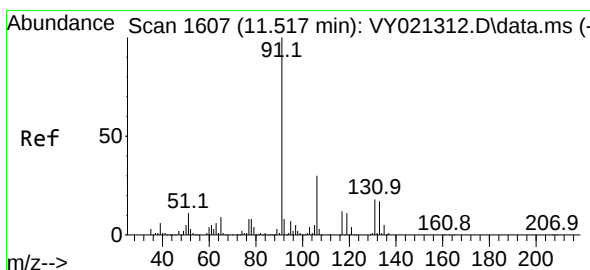
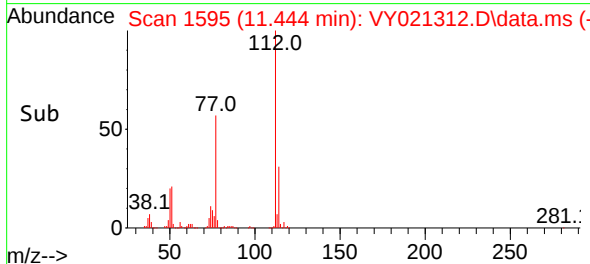
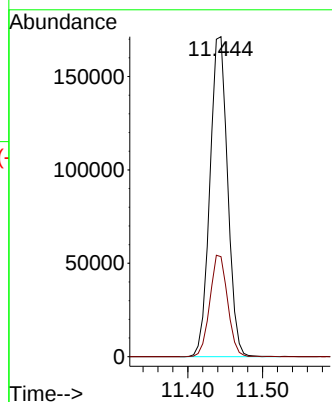
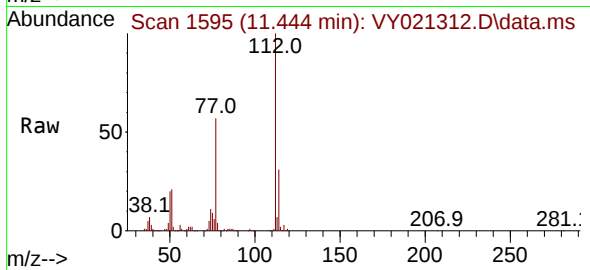
VSTDICCC050

Tgt Ion:112 Resp: 281918

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.611 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

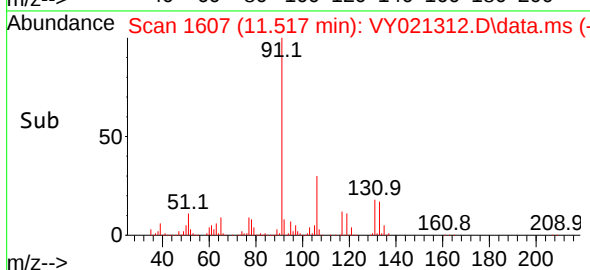
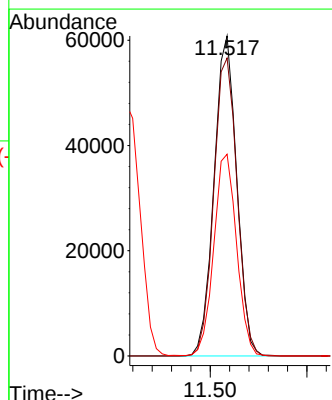
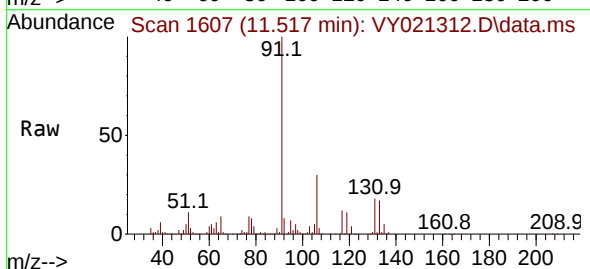
Tgt Ion:131 Resp: 99131

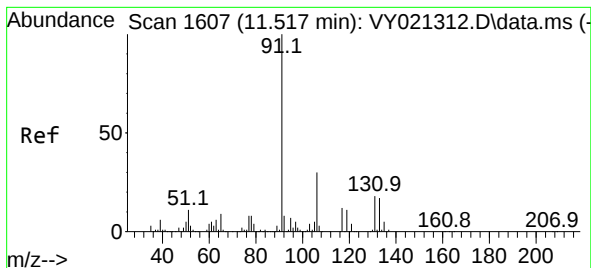
Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

119 63.4 31.7 95.1

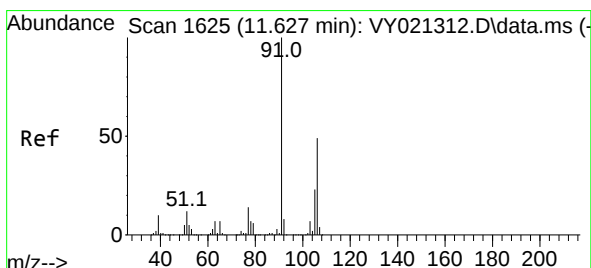
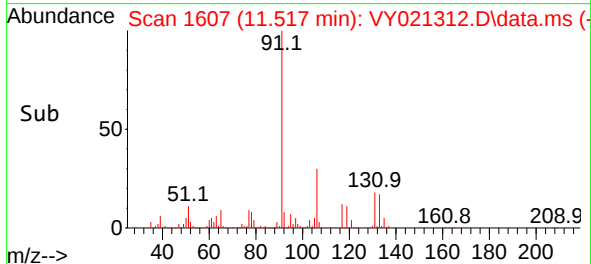
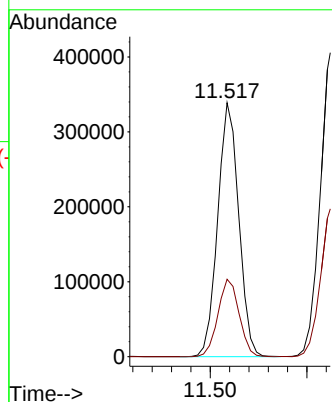
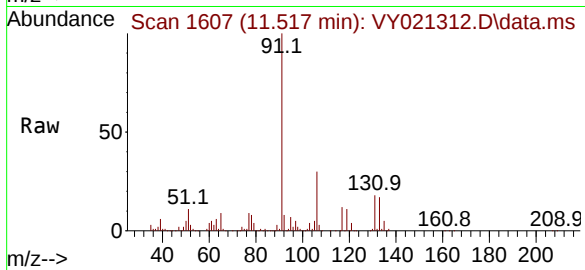




#67
Ethyl Benzene
Concen: 53.573 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

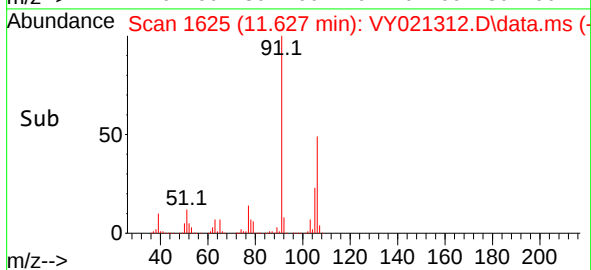
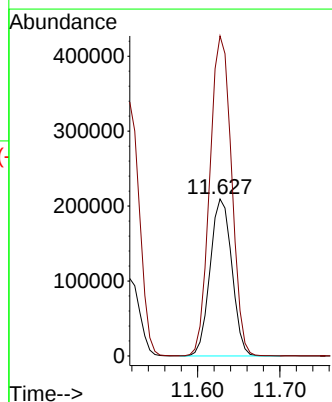
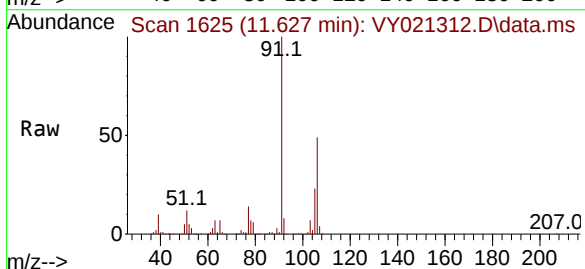
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

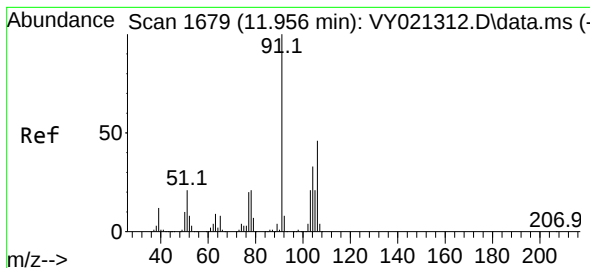
Tgt Ion: 91 Resp: 510639
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 107.204 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:106 Resp: 384346
Ion Ratio Lower Upper
106 100
91 204.9 163.9 245.9

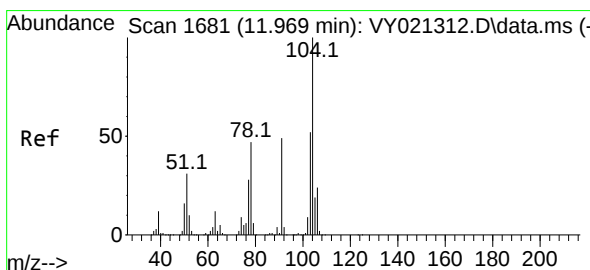
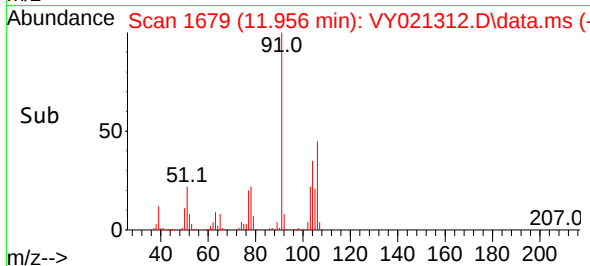
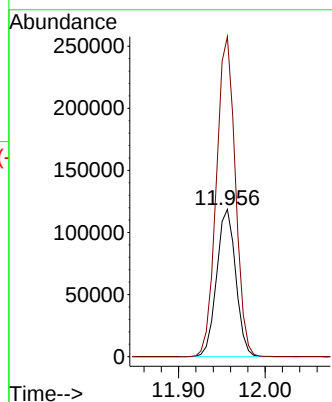
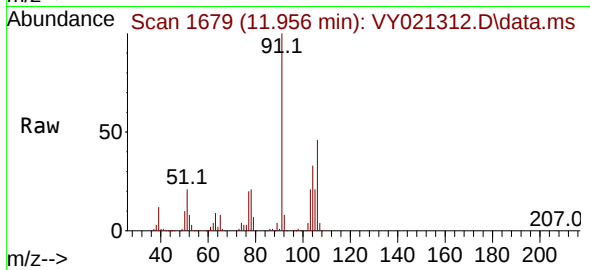




#69
o-Xylene
Concen: 54.108 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

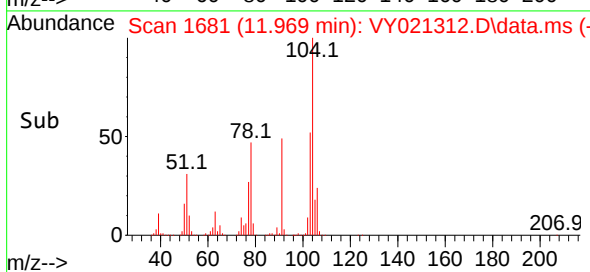
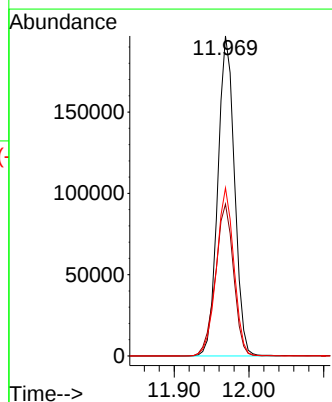
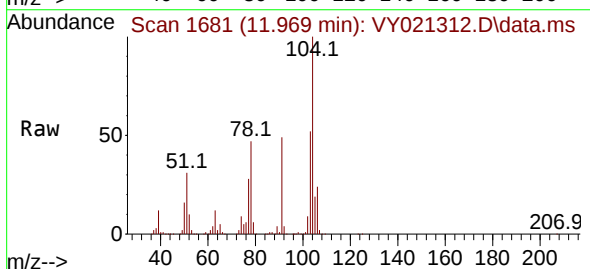
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 181728
Ion Ratio Lower Upper
106 100
91 216.1 108.1 324.2



#70
Styrene
Concen: 54.760 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:104 Resp: 306007
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 54.9 43.9 65.9





#71

Bromoform

Concen: 54.605 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

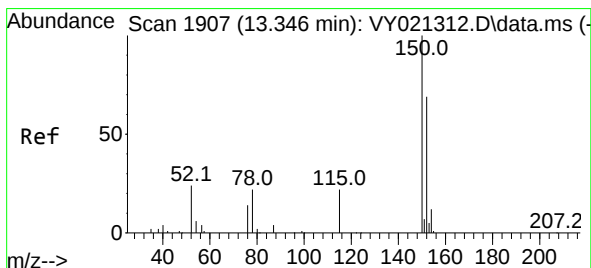
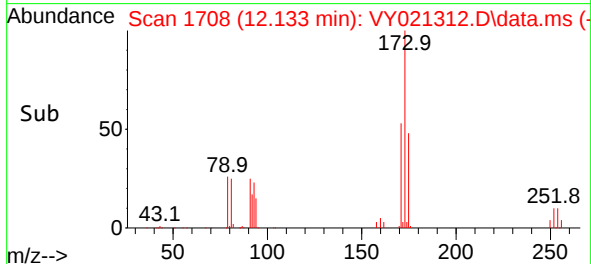
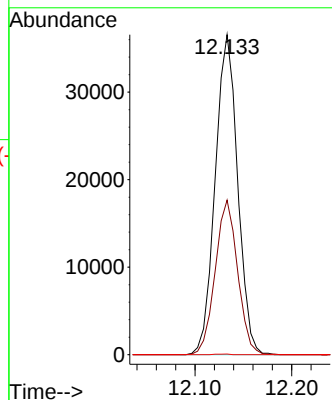
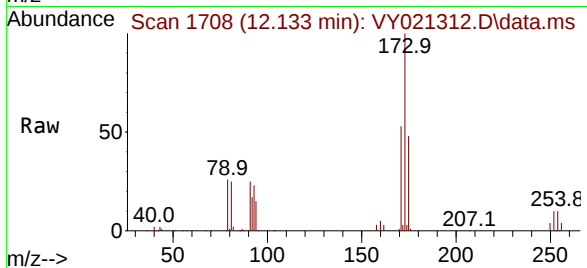
Tgt Ion:173 Resp: 58860

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.3

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

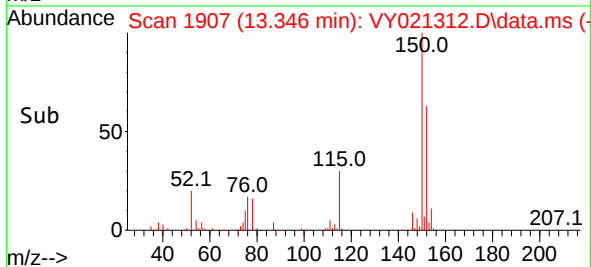
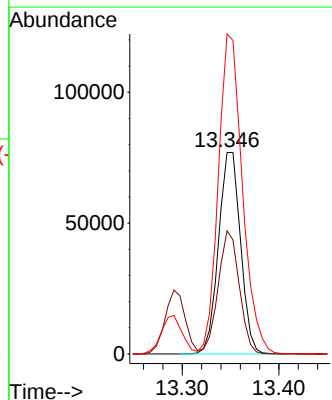
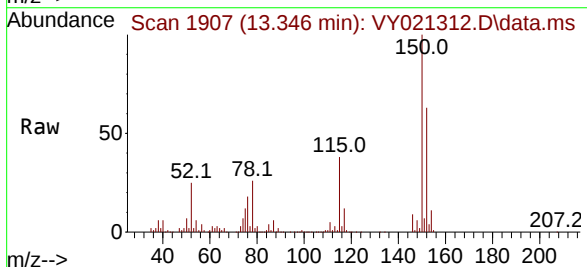
Tgt Ion:152 Resp: 121718

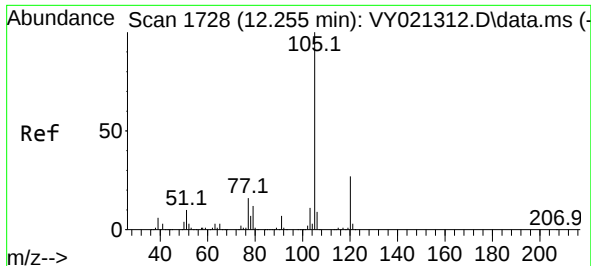
Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

150 173.7 0.0 347.4

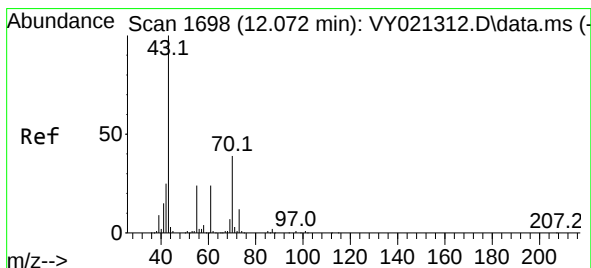
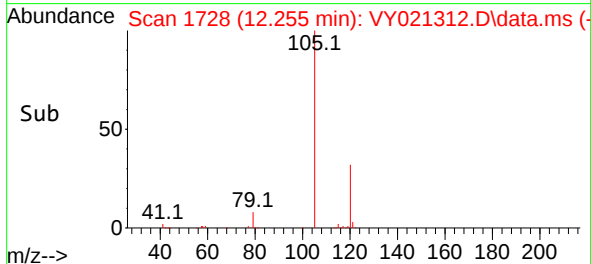
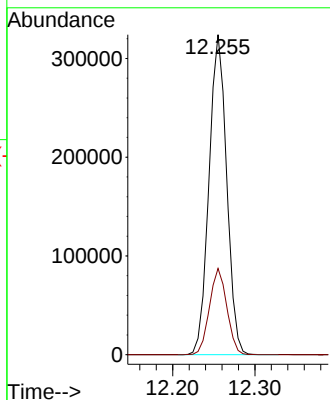
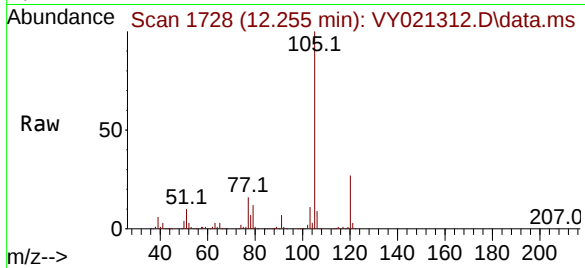




#73
Isopropylbenzene
Concen: 52.885 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

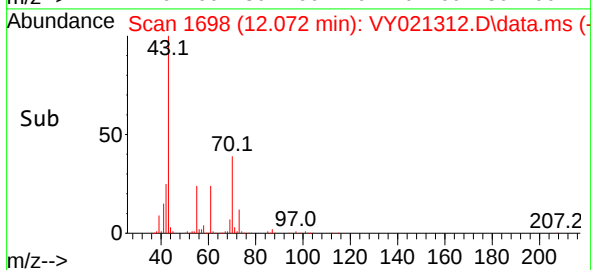
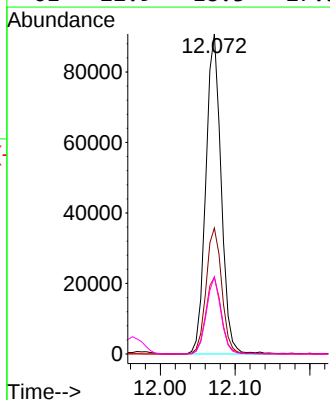
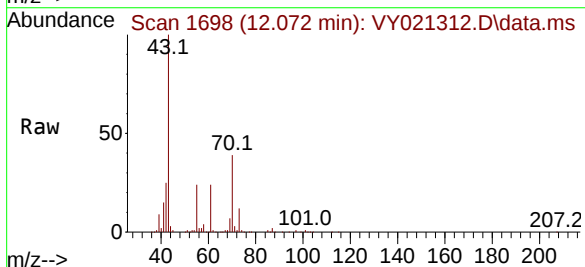
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

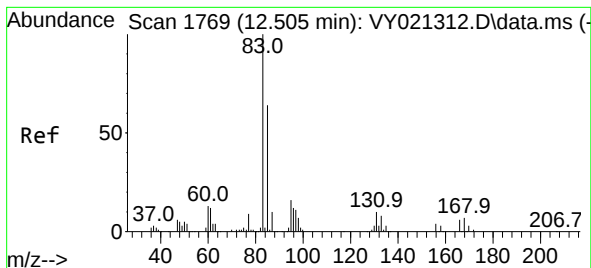
Tgt Ion:105 Resp: 483937
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 55.471 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 43 Resp: 129020
Ion Ratio Lower Upper
43 100
70 40.2 32.2 48.2
55 24.5 19.6 29.4
61 22.9 18.3 27.5

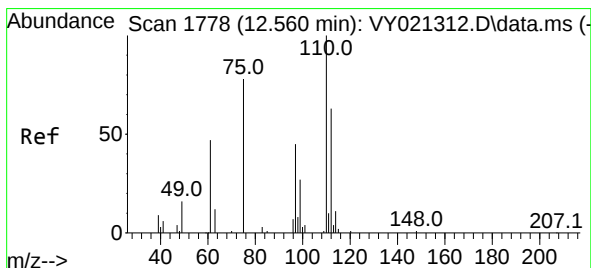
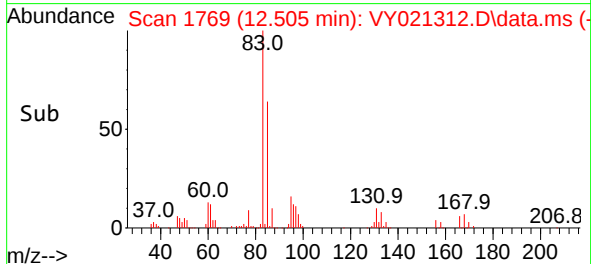
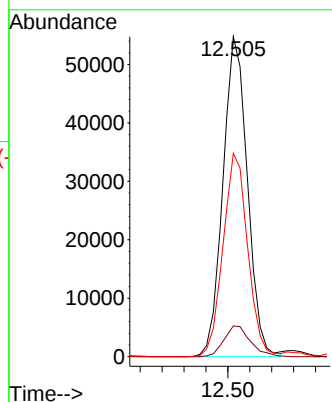
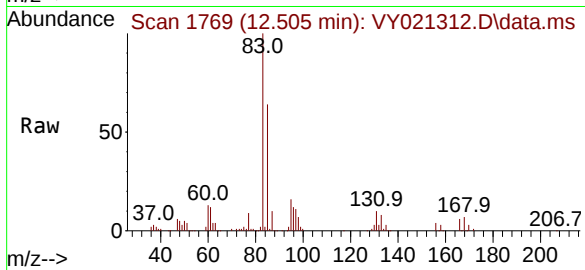




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.566 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021312.D
 Acq: 25 Feb 2025 14:48

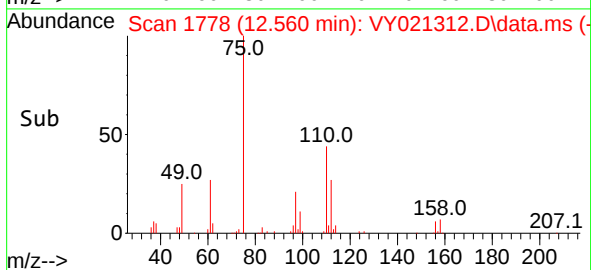
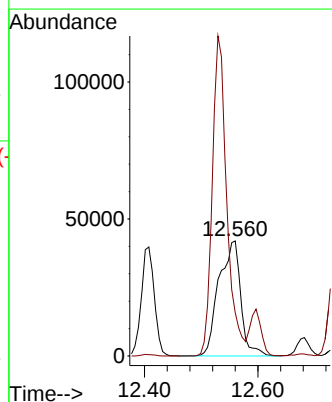
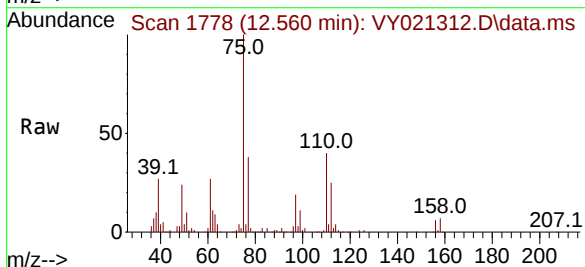
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

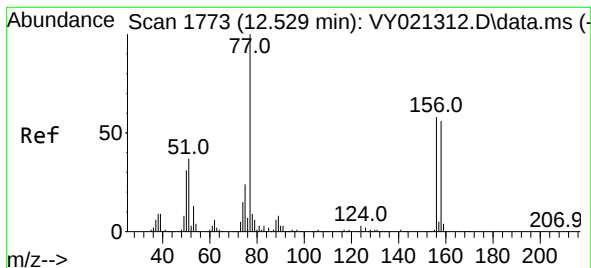
Tgt Ion: 83 Resp: 84893
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.0 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 91.951 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021312.D
 Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 112709
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.935 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

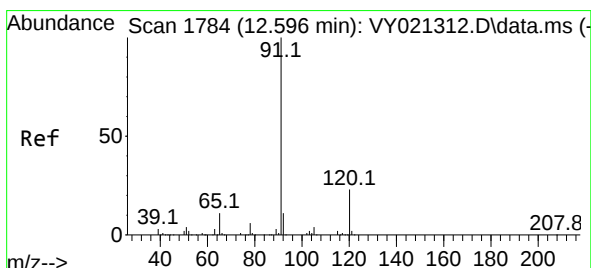
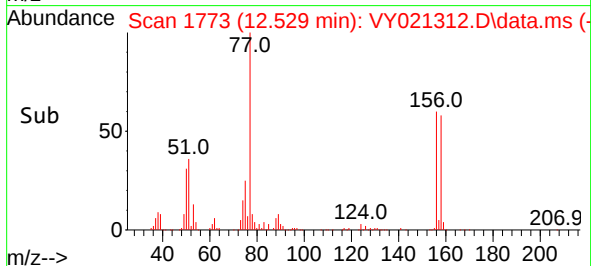
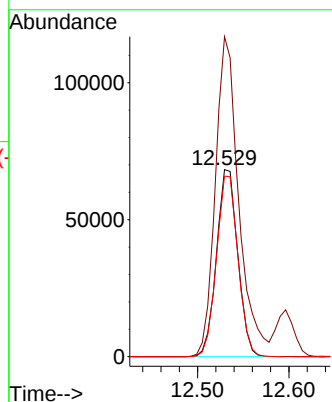
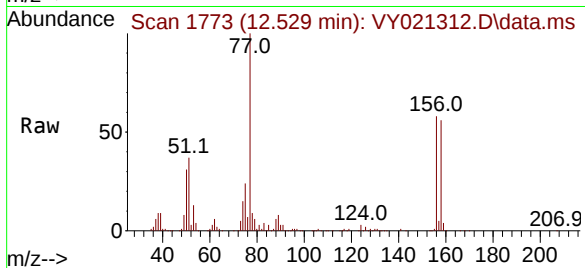
Tgt Ion:156 Resp: 110538

Ion Ratio Lower Upper

156 100

77 188.1 94.0 282.1

158 97.4 48.7 146.1



#78

n-propylbenzene

Concen: 52.946 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021312.D

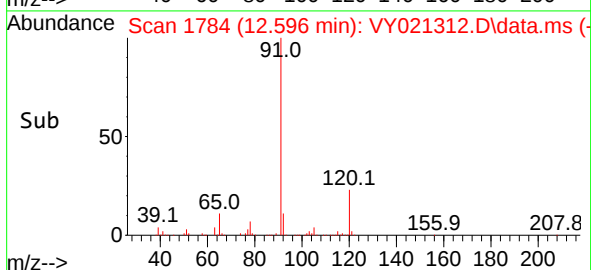
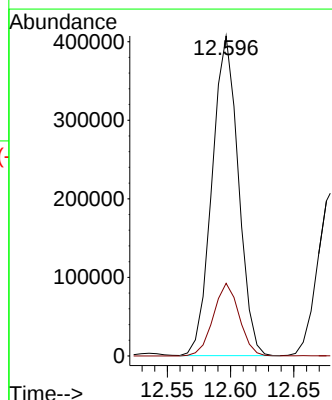
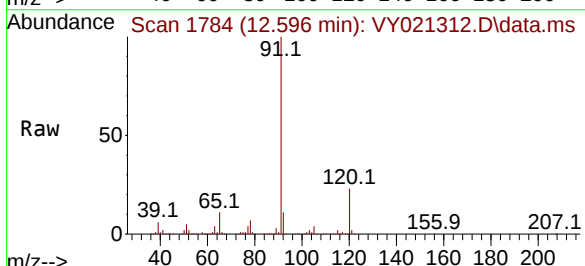
Acq: 25 Feb 2025 14:48

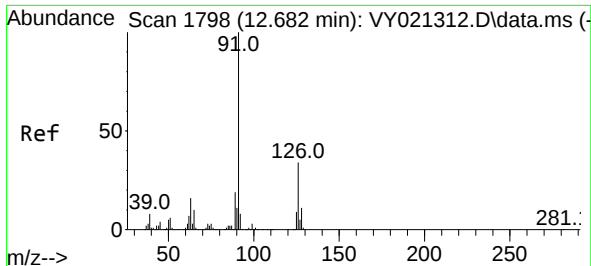
Tgt Ion: 91 Resp: 587915

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

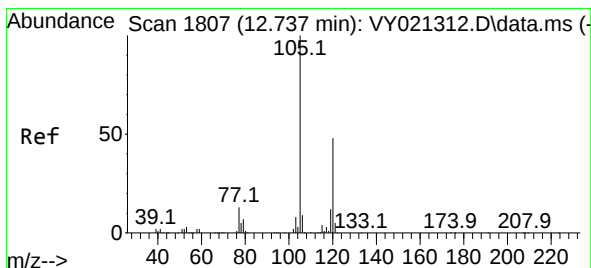
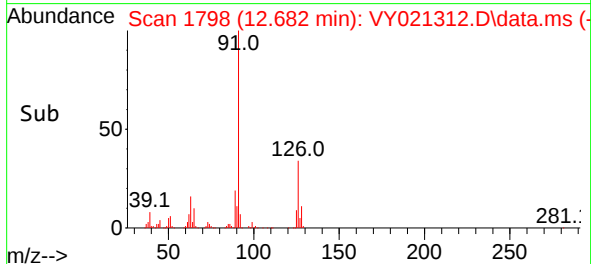
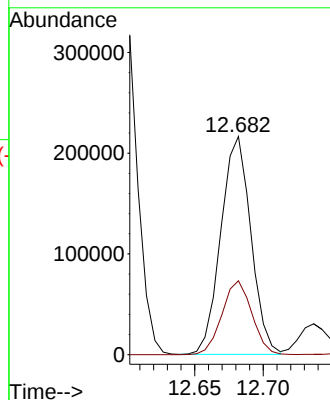
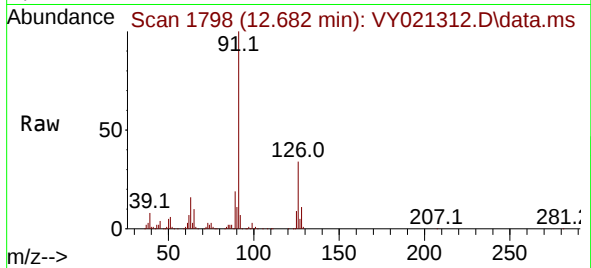




#79
2-Chlorotoluene
Concen: 51.857 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

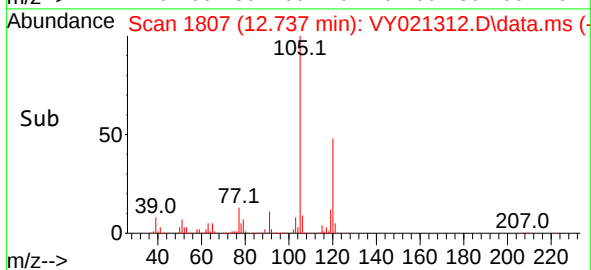
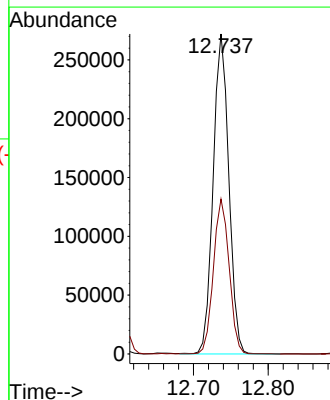
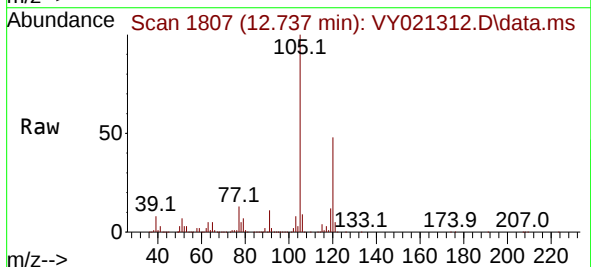
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

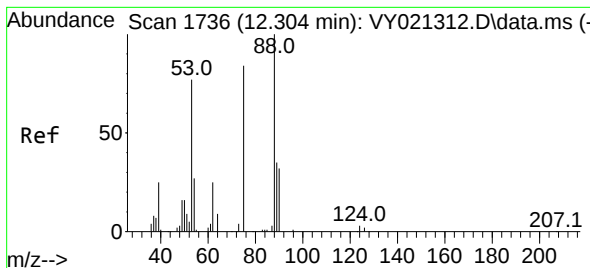
Tgt Ion: 91 Resp: 330472
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 52.712 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 105 Resp: 395609
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0

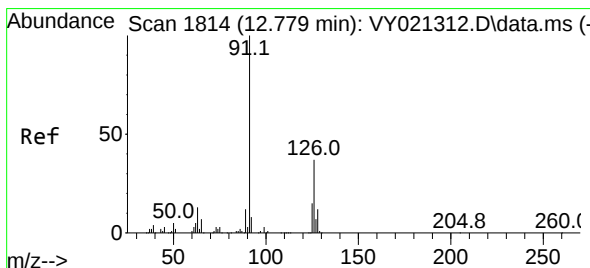
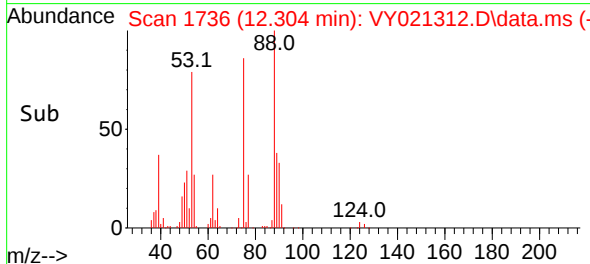
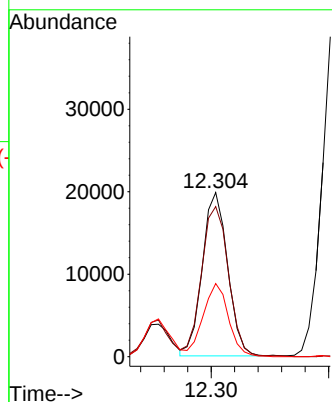
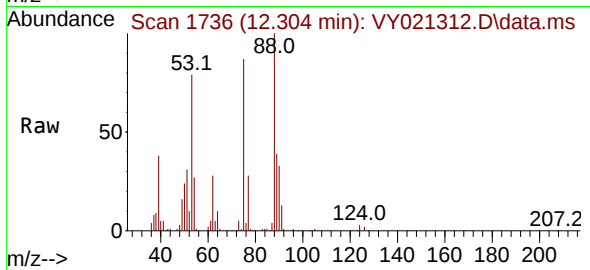




#81
trans-1,4-Dichloro-2-butene
Concen: 54.090 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

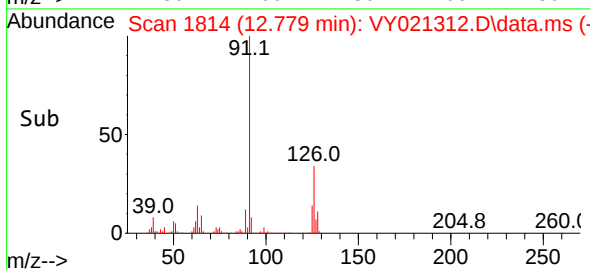
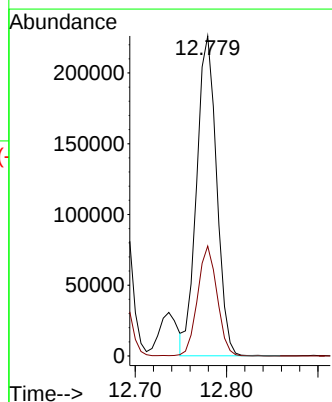
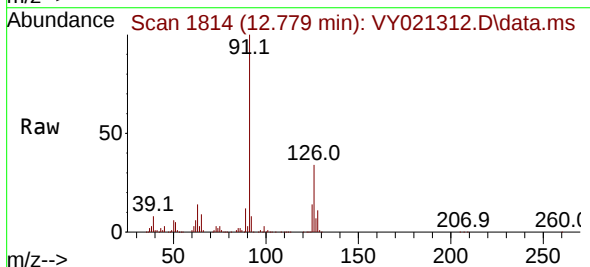
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

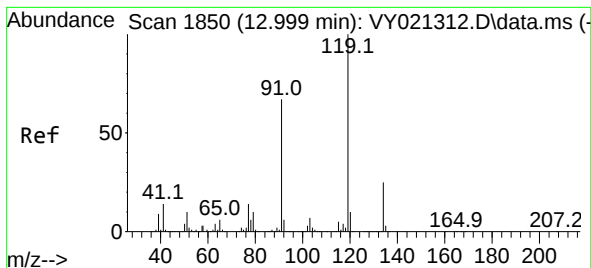
Tgt Ion: 75 Resp: 29649
Ion Ratio Lower Upper
75 100
53 98.9 79.1 118.7
89 44.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.864 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 91 Resp: 342611
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83

tert-Butylbenzene

Concen: 51.930 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

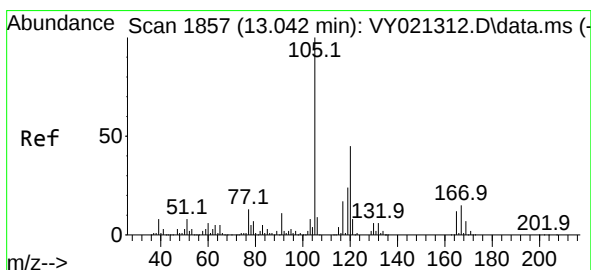
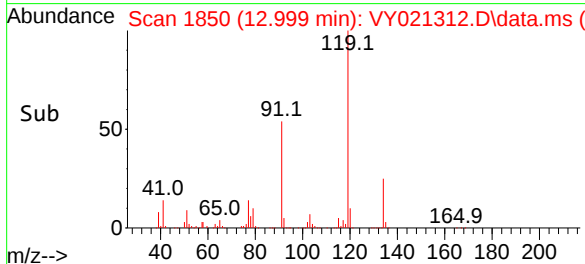
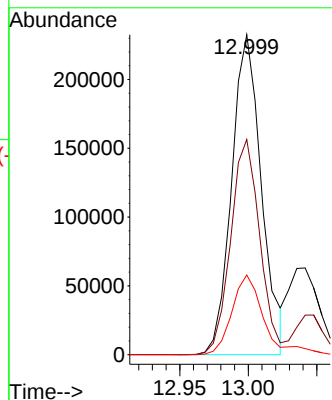
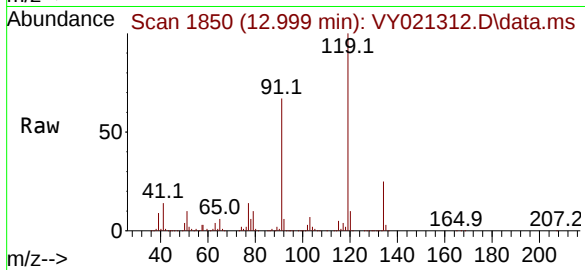
Tgt Ion:119 Resp: 352055

Ion Ratio Lower Upper

119 100

91 65.4 32.7 98.1

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.962 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021312.D

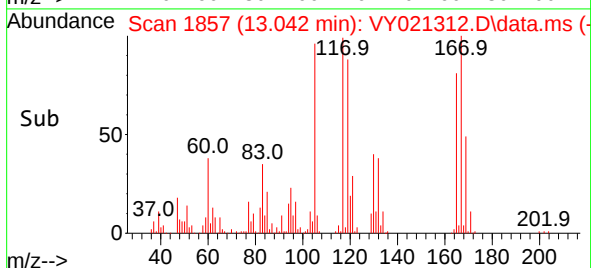
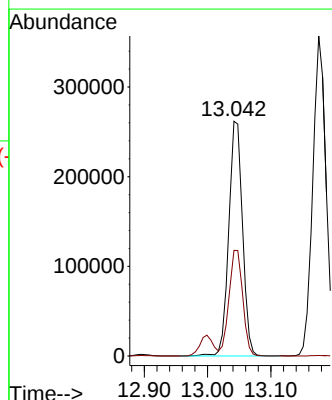
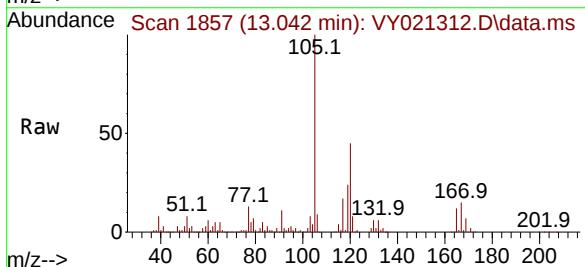
Acq: 25 Feb 2025 14:48

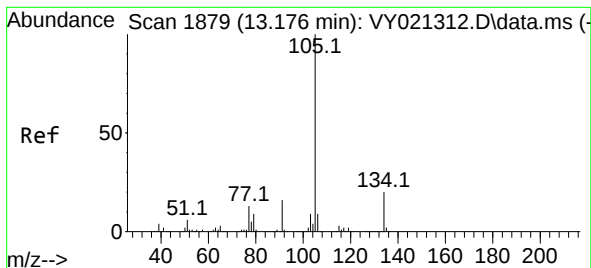
Tgt Ion:105 Resp: 395315

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 52.319 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

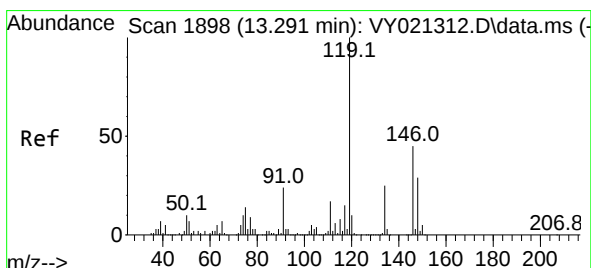
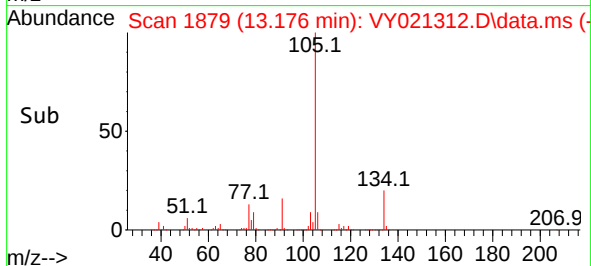
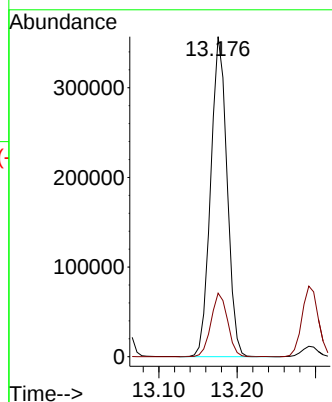
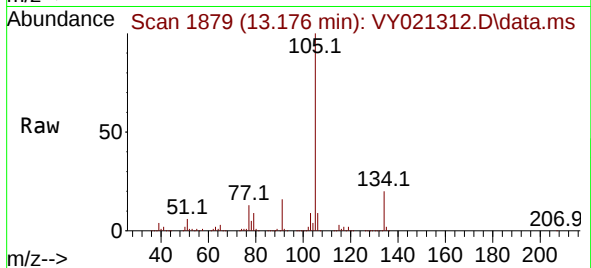
VSTDICCC050

Tgt Ion:105 Resp: 518094

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 52.884 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

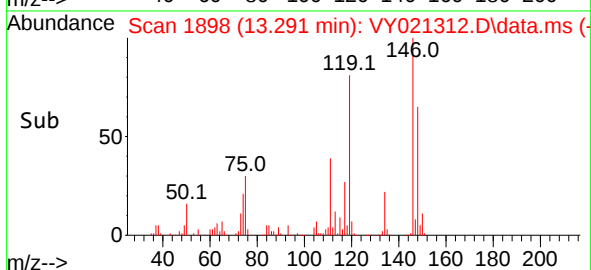
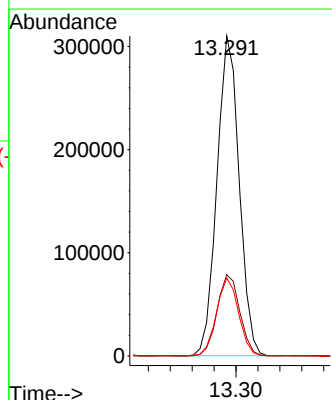
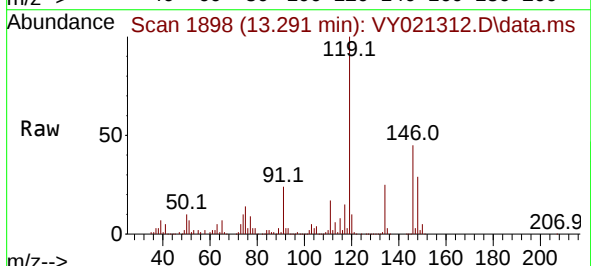
Tgt Ion:119 Resp: 437283

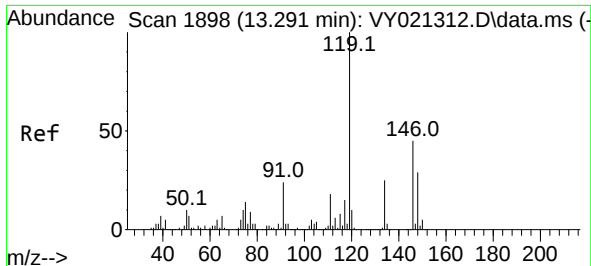
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.1 12.0 36.1

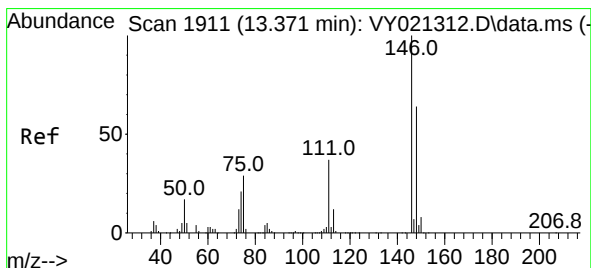
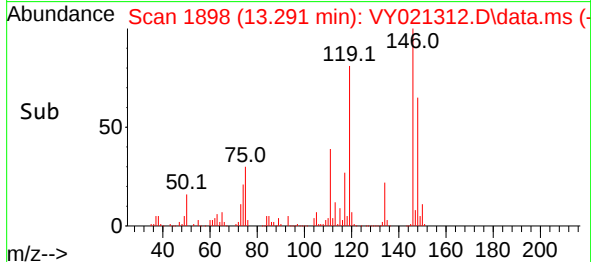
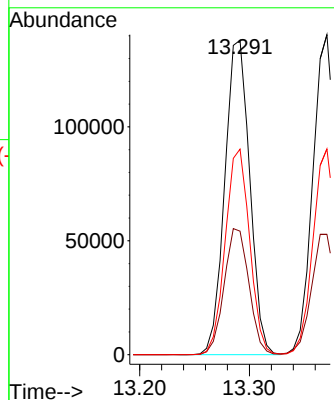
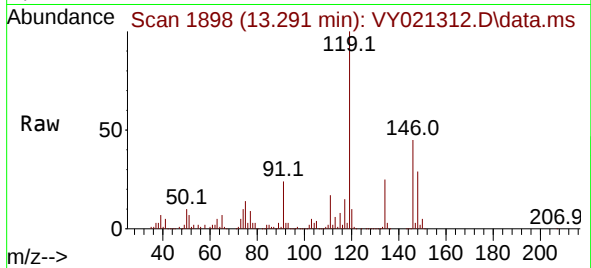




#87
1,3-Dichlorobenzene
Concen: 51.811 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

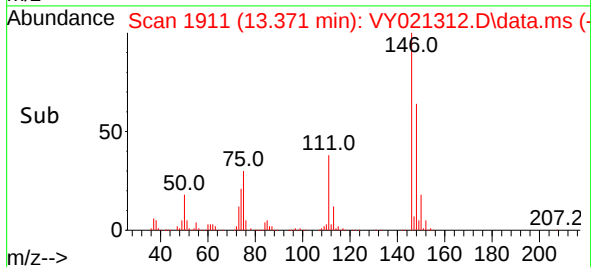
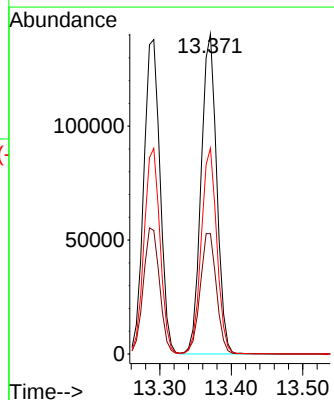
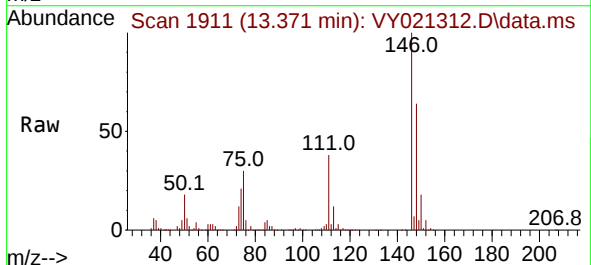
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

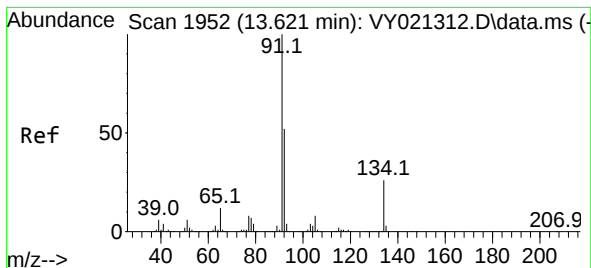
Tgt Ion:146 Resp: 218136
Ion Ratio Lower Upper
146 100
111 39.9 20.0 59.9
148 63.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 51.233 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion:146 Resp: 213090
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 53.510 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

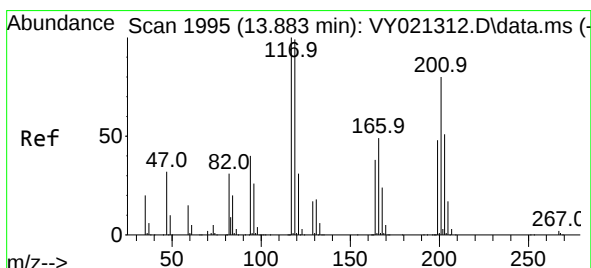
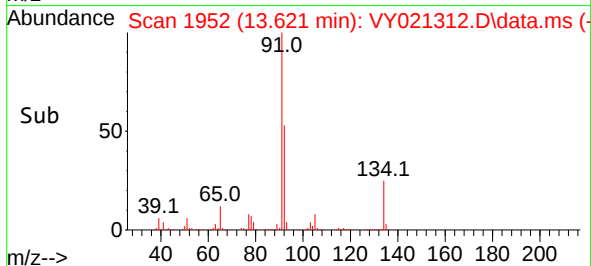
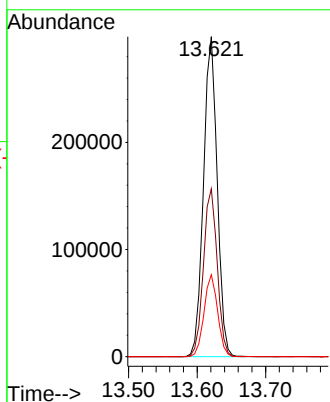
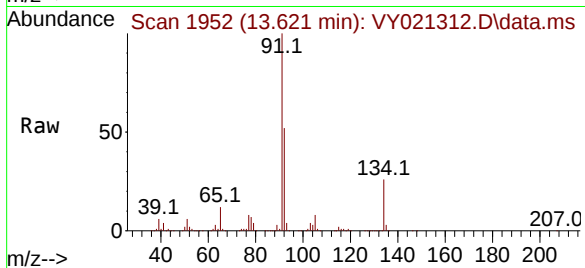
Tgt Ion: 91 Resp: 416377

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.3 12.7 38.0



#90

Hexachloroethane

Concen: 50.814 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021312.D

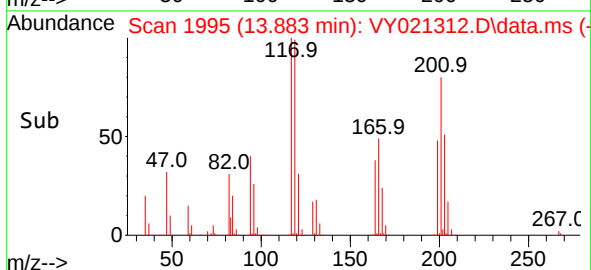
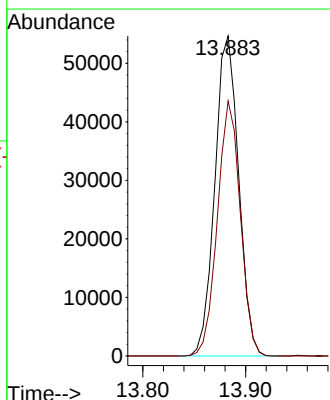
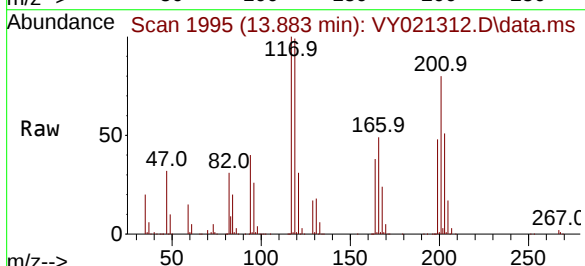
Acq: 25 Feb 2025 14:48

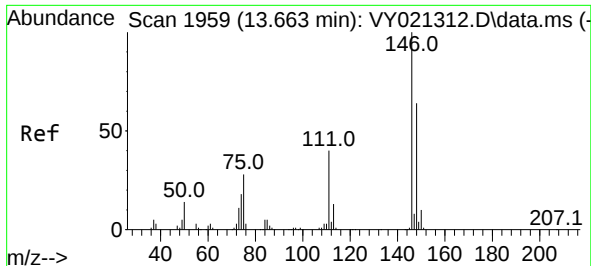
Tgt Ion: 117 Resp: 87765

Ion Ratio Lower Upper

117 100

201 76.8 38.4 115.2

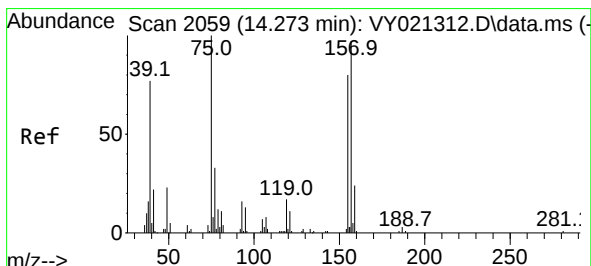
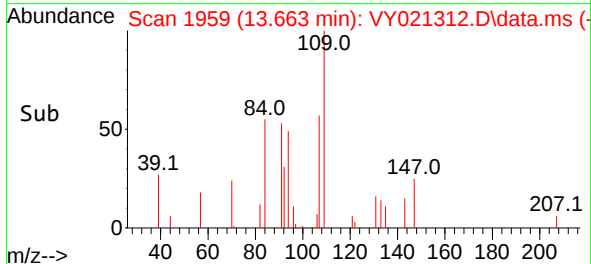
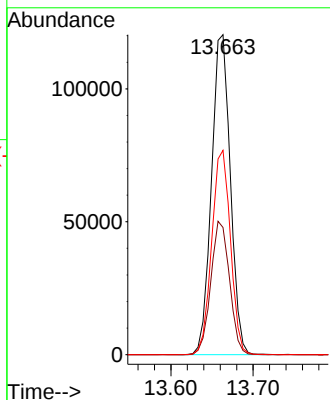
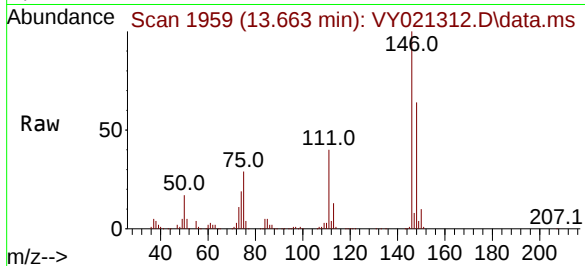




#91
1,2-Dichlorobenzene
Concen: 51.985 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

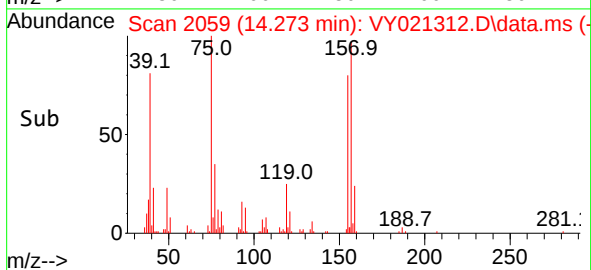
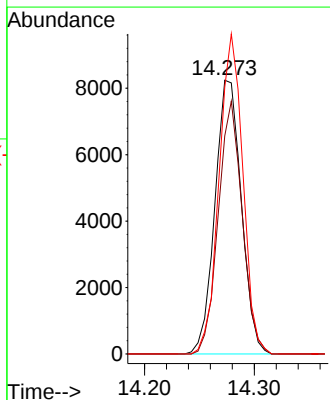
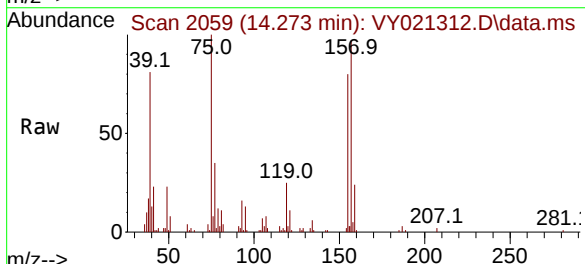
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

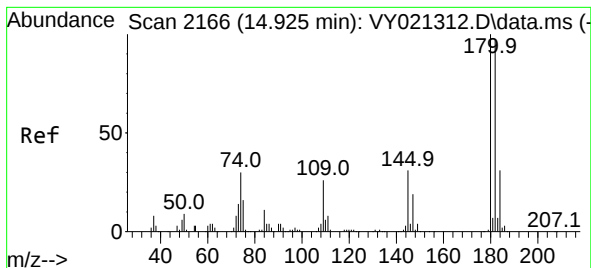
Tgt Ion:146 Resp: 191758
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.947 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021312.D
Acq: 25 Feb 2025 14:48

Tgt Ion: 75 Resp: 13782
Ion Ratio Lower Upper
75 100
155 83.7 41.9 125.6
157 105.1 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 52.360 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

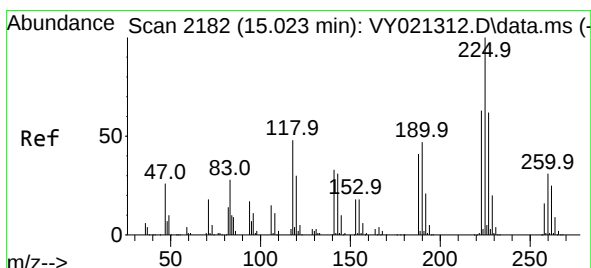
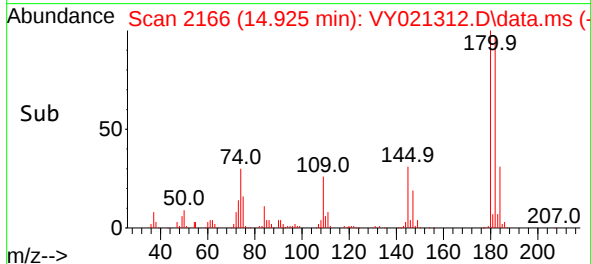
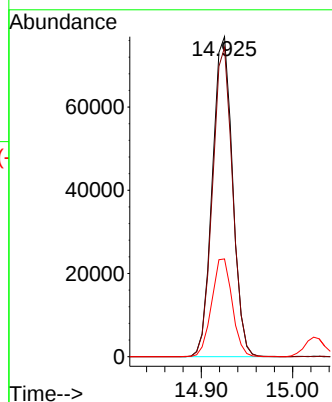
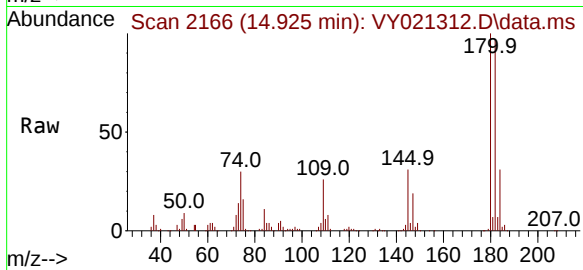
Tgt Ion:180 Resp: 117882

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 31.2 15.6 46.8



#94

Hexachlorobutadiene

Concen: 50.738 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

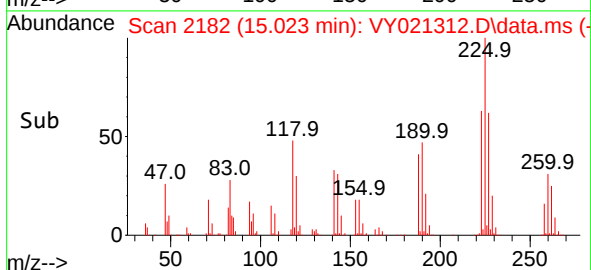
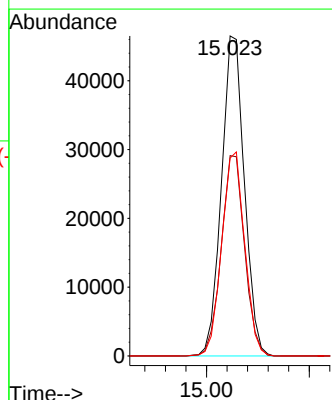
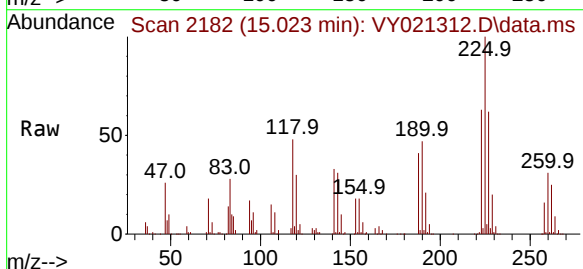
Tgt Ion:225 Resp: 71915

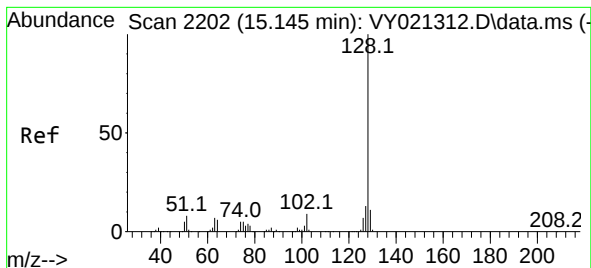
Ion Ratio Lower Upper

225 100

223 63.6 31.8 95.4

227 63.8 31.9 95.7





#95

Naphthalene

Concen: 56.174 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

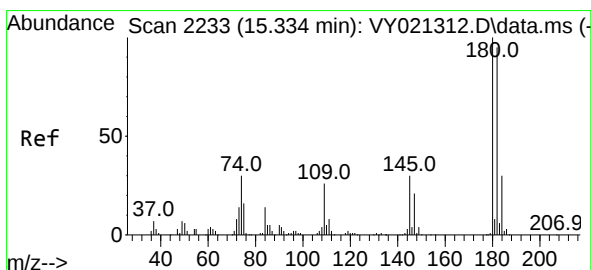
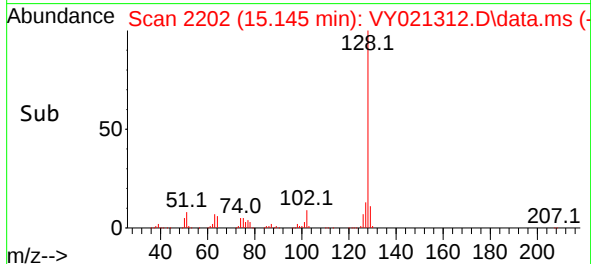
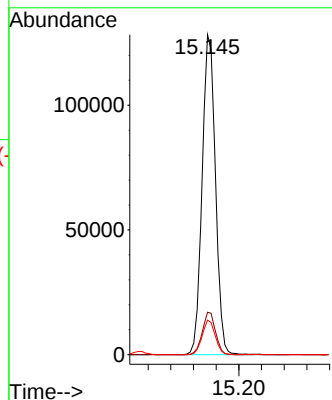
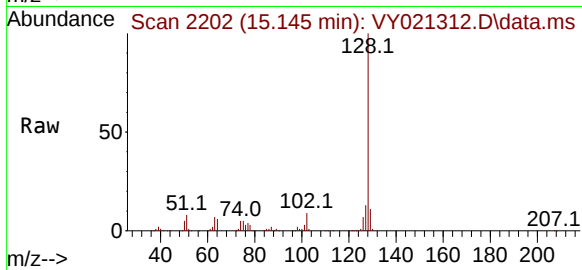
Tgt Ion:128 Resp: 209478

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 52.735 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021312.D

Acq: 25 Feb 2025 14:48

Tgt Ion:180 Resp: 100312

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.9

145 32.2 16.1 48.3

