

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012081.D
 Acq On : 05 Jan 2023 17:37
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 05 23:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	170655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90437	52.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.200%	
35) Dibromofluoromethane	7.716	113	79967	51.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.500%	
50) Toluene-d8	10.179	98	301619	47.647	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.300%	
62) 4-Bromofluorobenzene	12.477	95	112089	52.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	57660	42.739	ug/l	97
3) Chloromethane	2.113	50	54092	35.614	ug/l	99
4) Vinyl Chloride	2.247	62	64330	38.406	ug/l	95
5) Bromomethane	2.650	94	49949	41.916	ug/l	97
6) Chloroethane	2.790	64	45900	41.924	ug/l	96
7) Trichlorofluoromethane	3.125	101	134082	45.728	ug/l	98
8) Diethyl Ether	3.527	74	47093	52.053	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	71744	44.448	ug/l	96
10) Methyl Iodide	4.088	142	102479	45.888	ug/l	94
11) Tert butyl alcohol	4.942	59	55185	340.366	ug/l	100
12) 1,1-Dichloroethene	3.869	96	70109	43.422	ug/l	97
13) Acrolein	3.729	56	28793	179.150	ug/l	99
14) Allyl chloride	4.478	41	100781	42.386	ug/l	91
15) Acrylonitrile	5.155	53	122753	291.679	ug/l	100
16) Acetone	3.942	43	107334	209.899	ug/l	99
17) Carbon Disulfide	4.192	76	179366	34.826	ug/l	99
18) Methyl Acetate	4.472	43	62620	52.709	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	247169	59.664	ug/l	96
20) Methylene Chloride	4.710	84	93925	47.134	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	81014	44.160	ug/l	95
22) Diisopropyl ether	6.112	45	227473	48.576	ug/l #	92
23) Vinyl Acetate	6.051	43	721434	267.770	ug/l	95
24) 1,1-Dichloroethane	6.015	63	142299	46.748	ug/l	97
25) 2-Butanone	6.984	43	147623	257.760	ug/l	93
26) 2,2-Dichloropropane	6.978	77	142835	47.954	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	98823	49.804	ug/l	96
28) Bromochloromethane	7.326	49	38288	45.837	ug/l	83
29) Tetrahydrofuran	7.344	42	92779	285.925	ug/l	88
30) Chloroform	7.502	83	167934	51.185	ug/l	98
31) Cyclohexane	7.777	56	105717	36.525	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	155492	49.827	ug/l	98
36) 1,1-Dichloropropene	7.917	75	111573	44.582	ug/l	97
37) Ethyl Acetate	7.069	43	65936	58.723	ug/l #	96
38) Carbon Tetrachloride	7.899	117	142440	49.281	ug/l	96
39) Methylcyclohexane	9.179	83	124599	41.376	ug/l	95
40) Benzene	8.155	78	337894	47.178	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	90189	166.105	ug/l	# 100
42) 1,2-Dichloroethane	8.234	62	116258	56.386	ug/l	98
43) Isopropyl Acetate	8.270	43	119596	58.320	ug/l	97
44) Trichloroethene	8.935	130	98436	48.761	ug/l	97
45) 1,2-Dichloropropane	9.209	63	79696	48.160	ug/l	99
46) Dibromomethane	9.301	93	52434	55.008	ug/l	98
47) Bromodichloromethane	9.496	83	130629	54.018	ug/l	97
48) Methyl methacrylate	9.289	41	54073	56.950	ug/l	93
49) 1,4-Dioxane	9.295	88	15973	1403.526	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	328635	300.544	ug/l	97
52) Toluene	10.240	92	227048	49.757	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	136662	55.927	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	144847	52.736	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	74772	55.278	ug/l	98
56) Ethyl methacrylate	10.508	69	104472	61.002	ug/l	95
57) 1,3-Dichloropropane	10.788	76	126686	56.122	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	196024	296.622	ug/l	92
59) 2-Hexanone	10.831	43	235540	292.800	ug/l	96
60) Dibromochloromethane	10.983	129	100428	58.937	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71777	56.718	ug/l	99
64) Tetrachloroethene	10.715	164	106945	50.176	ug/l	98
65) Chlorobenzene	11.514	112	251845	49.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	100923	53.650	ug/l	97
67) Ethyl Benzene	11.593	91	446526	48.858	ug/l	97
68) m/p-Xylenes	11.697	106	353664	99.503	ug/l	98
69) o-Xylene	12.026	106	170683	51.611	ug/l	98
70) Styrene	12.044	104	295107	53.145	ug/l	99
71) Bromoform	12.203	173	68662	61.598	ug/l	# 99
73) Isopropylbenzene	12.325	105	456058	45.942	ug/l	99
74) N-amyl acetate	12.142	43	108172	53.153	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	84052	50.755	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	123380	74.121	ug/l	# 100
77) Bromobenzene	12.605	156	112701	49.074	ug/l	94
78) n-propylbenzene	12.666	91	531412	44.536	ug/l	98
79) 2-Chlorotoluene	12.751	91	305184	45.501	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	398628	46.903	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	32779	53.927	ug/l	98
82) 4-Chlorotoluene	12.849	91	321457	46.321	ug/l	98
83) tert-Butylbenzene	13.074	119	344942	47.889	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	397332	47.521	ug/l	98
85) sec-Butylbenzene	13.251	105	490337	45.589	ug/l	98
86) p-Isopropyltoluene	13.367	119	431439	47.539	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	224361	48.577	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	220005	47.915	ug/l	99
89) n-Butylbenzene	13.696	91	378633	46.087	ug/l	98
90) Hexachloroethane	13.958	117	79744	46.051	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	204928	50.894	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17290	60.753	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	133020	56.159	ug/l	99
94) Hexachlorobutadiene	15.111	225	75267	49.178	ug/l	100
95) Naphthalene	15.233	128	283656	57.155	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	116493	58.171	ug/l	100

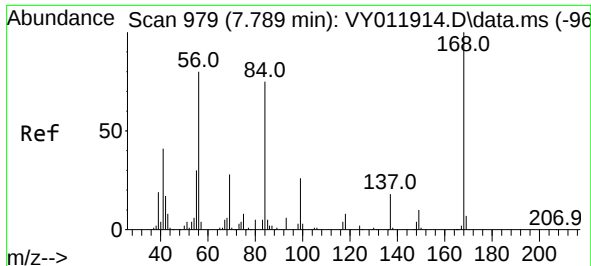
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Response via : Initial Calibration

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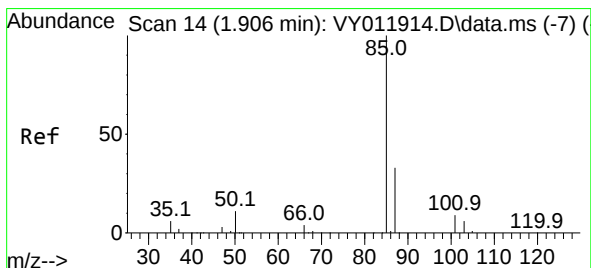
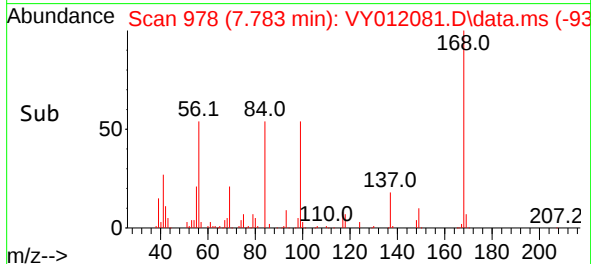
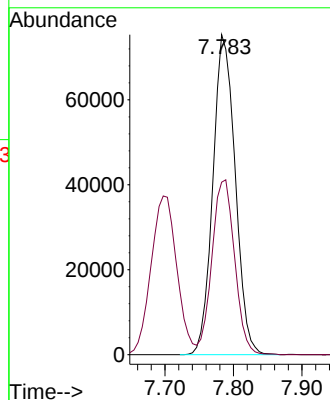
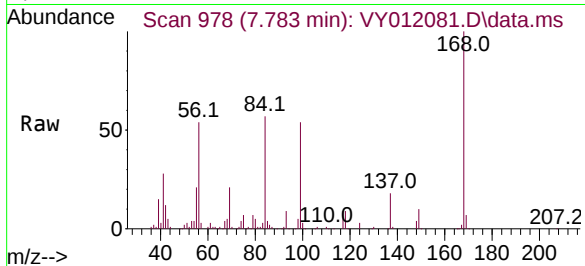
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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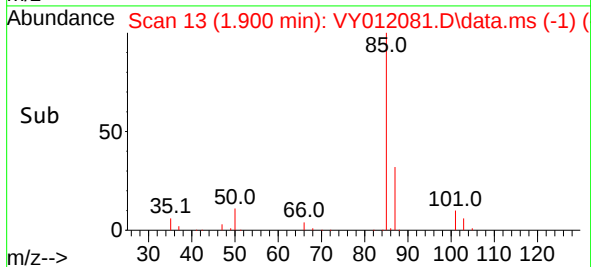
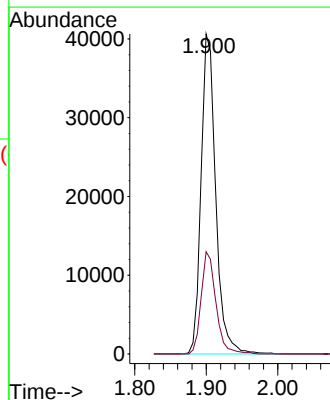
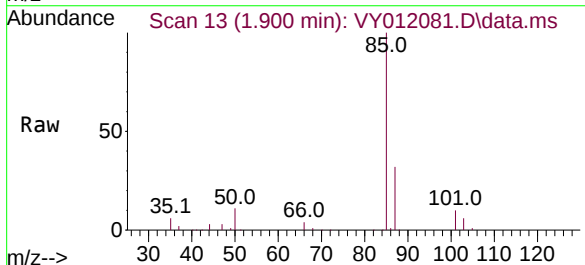
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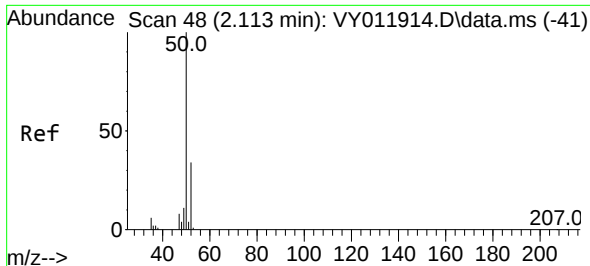
Tgt Ion:168 Resp: 170655
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 42.739 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 85 Resp: 57660
Ion Ratio Lower Upper
85 100
87 32.0 16.8 50.4

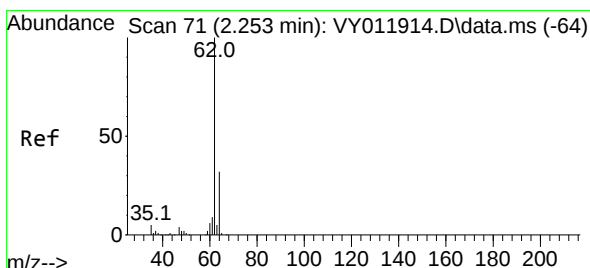
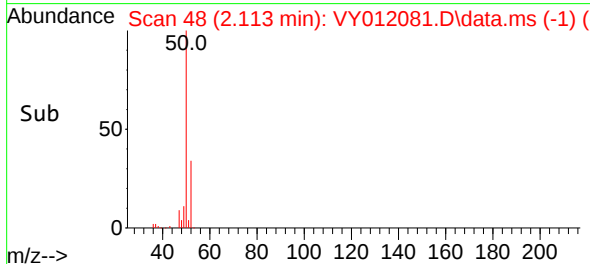
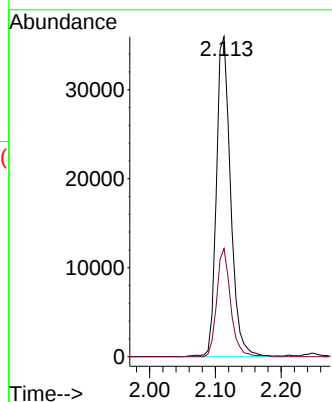
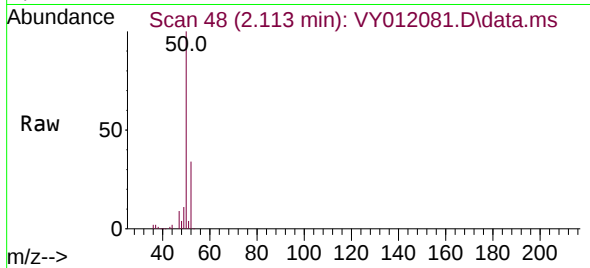




#3
Chloromethane
Concen: 35.614 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

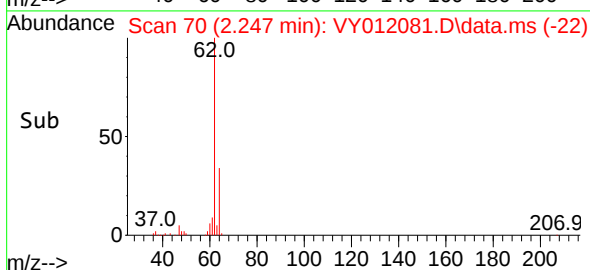
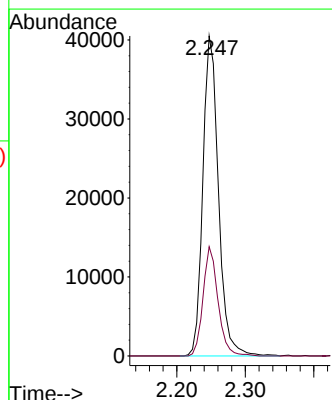
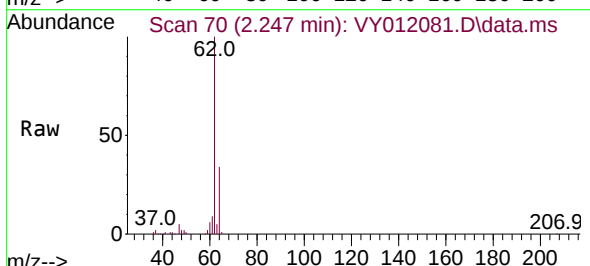
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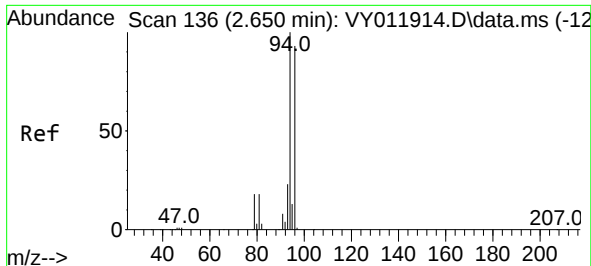
Tgt Ion: 50 Resp: 54092
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2



#4
Vinyl Chloride
Concen: 38.406 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 62 Resp: 64330
Ion Ratio Lower Upper
62 100
64 34.1 25.0 37.6

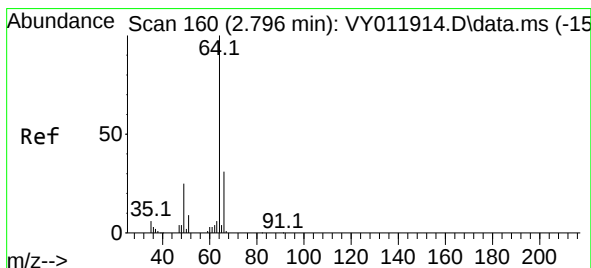
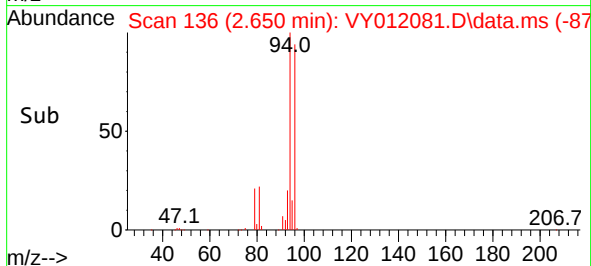
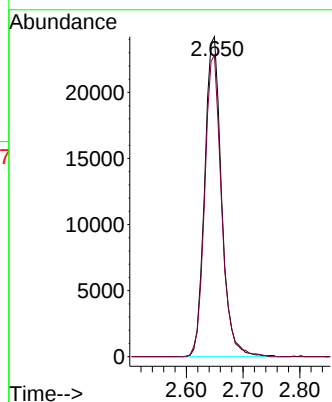
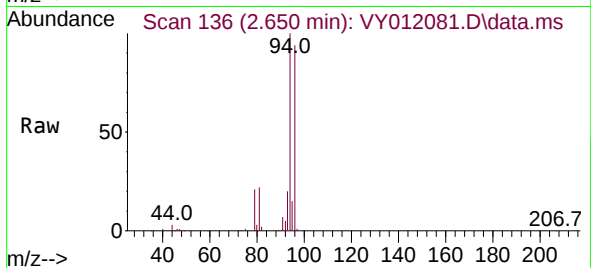




#5
Bromomethane
Concen: 41.916 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

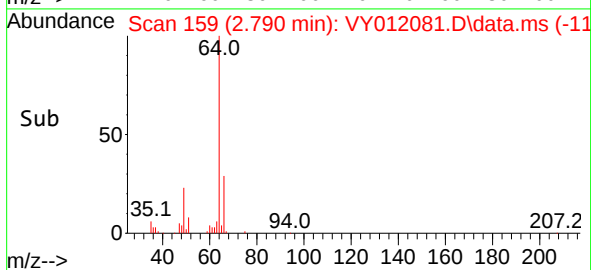
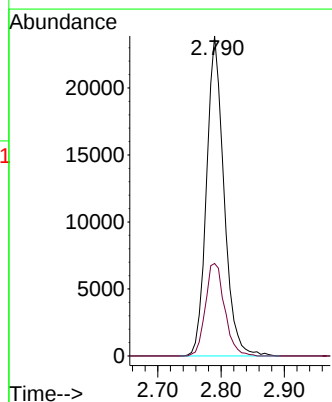
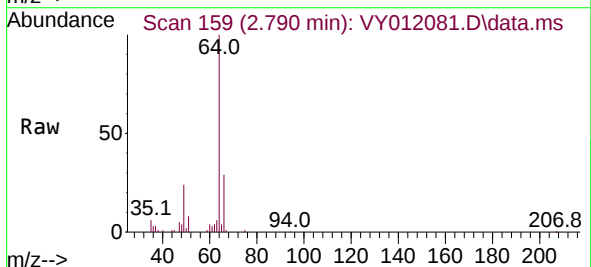
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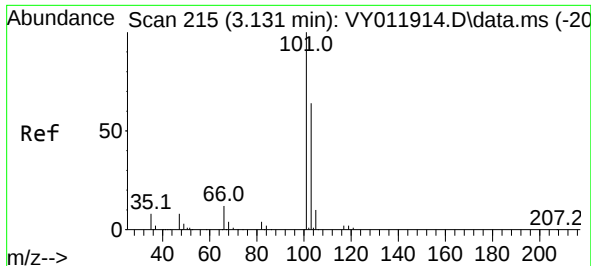
Tgt Ion: 94 Resp: 49949
Ion Ratio Lower Upper
94 100
96 94.2 77.4 116.2



#6
Chloroethane
Concen: 41.924 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 64 Resp: 45900
Ion Ratio Lower Upper
64 100
66 28.9 25.0 37.4

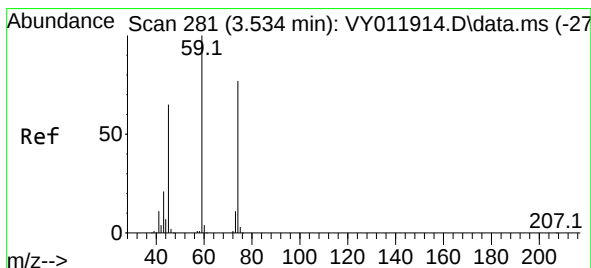
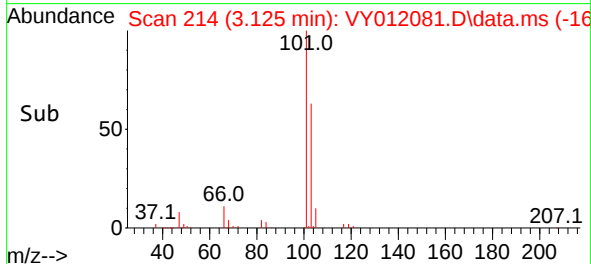
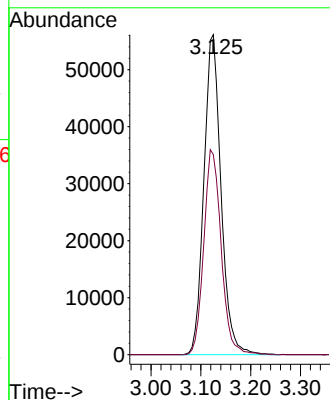
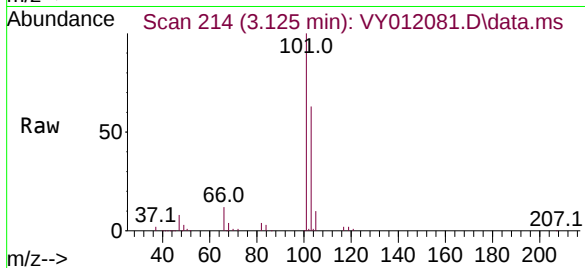




#7
Trichlorofluoromethane
Concen: 45.728 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

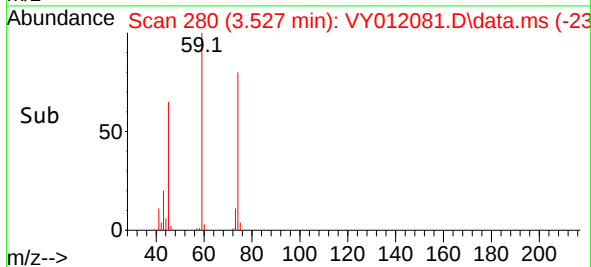
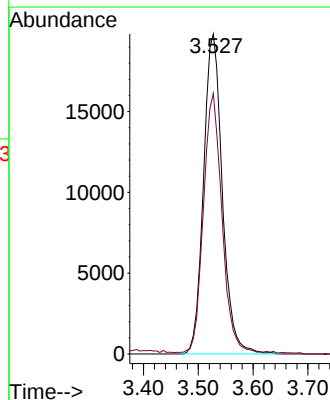
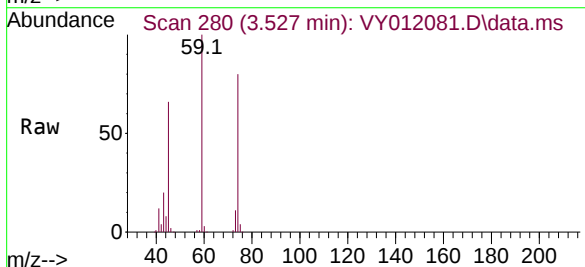
Instrument :
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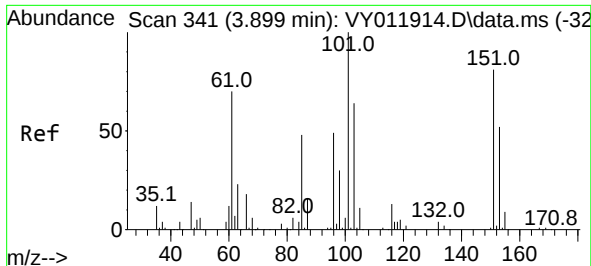
Tgt Ion:101 Resp: 134082
Ion Ratio Lower Upper
101 100
103 62.5 51.0 76.6



#8
Diethyl Ether
Concen: 52.053 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 74 Resp: 47093
Ion Ratio Lower Upper
74 100
45 79.3 46.8 140.3

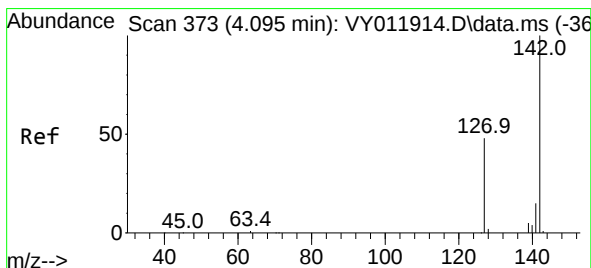
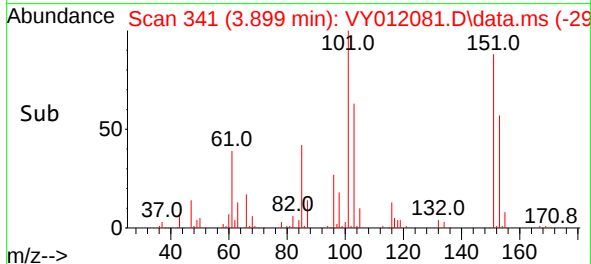
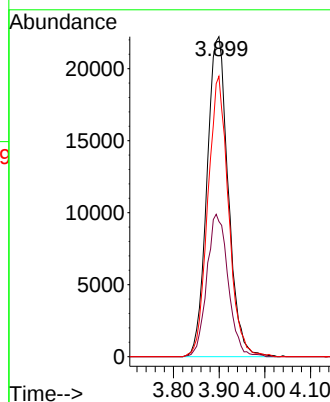
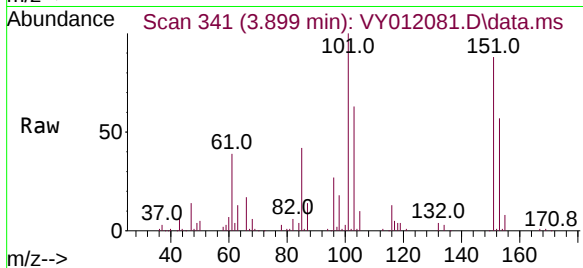




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.448 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

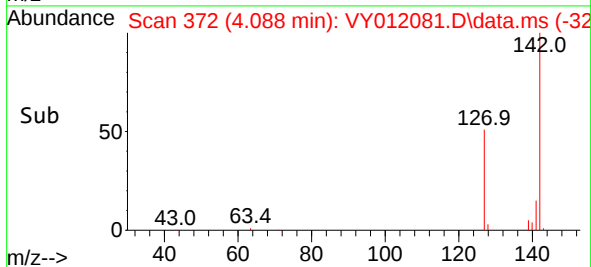
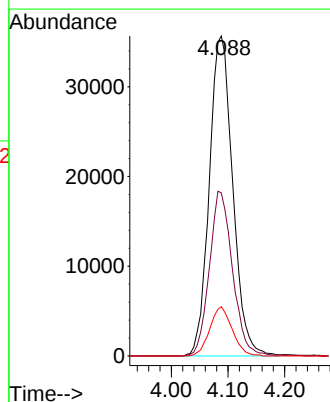
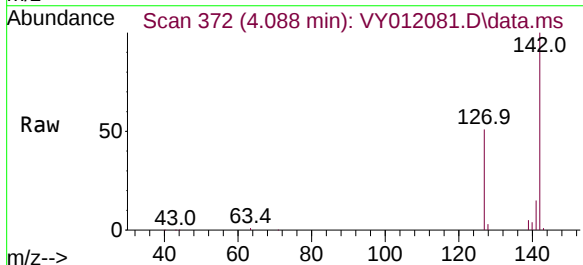
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

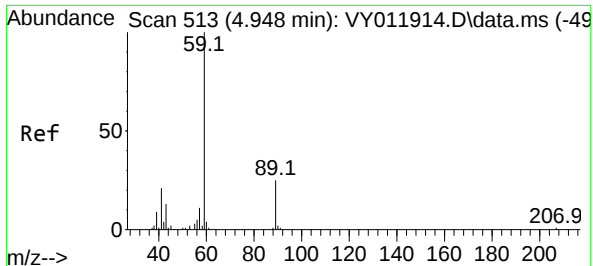
Tgt Ion:101 Resp: 71744
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.2
151 85.1 64.2 96.2



#10
Methyl Iodide
Concen: 45.888 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion:142 Resp: 102479
Ion Ratio Lower Upper
142 100
127 50.7 37.0 55.4
141 14.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 340.366 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

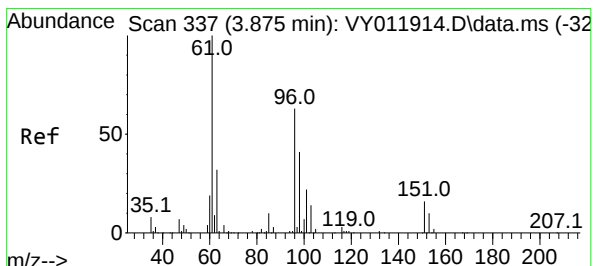
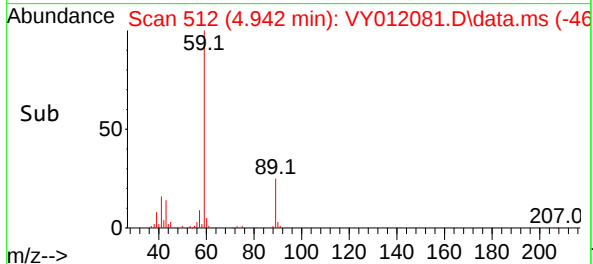
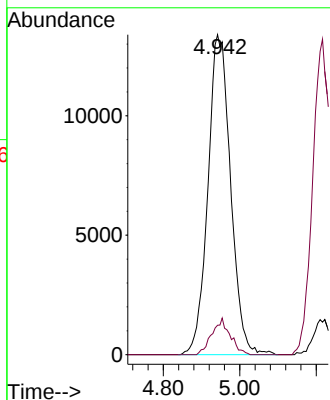
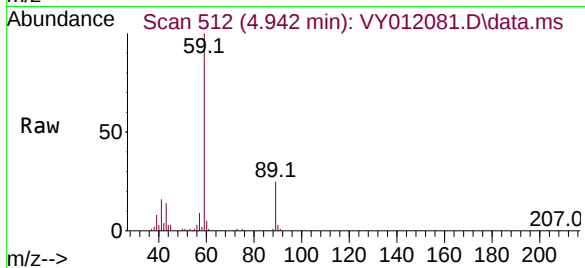
VSTDCCC050EC

Tgt Ion: 59 Resp: 55185

Ion Ratio Lower Upper

59 100

57 9.1 7.4 11.2



#12

1,1-Dichloroethene

Concen: 43.422 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

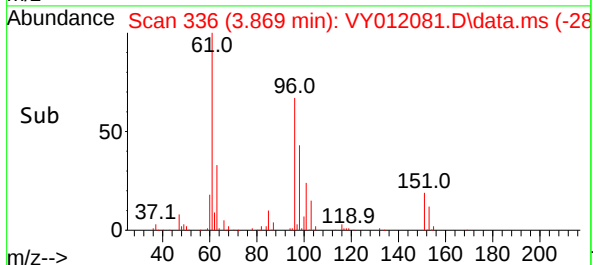
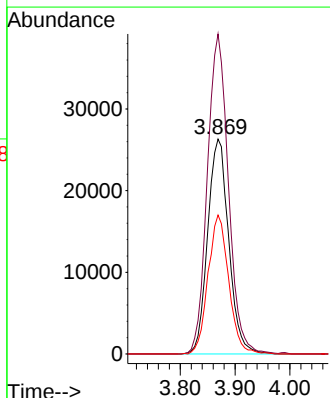
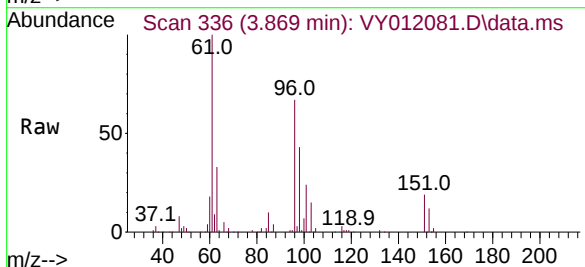
Tgt Ion: 96 Resp: 70109

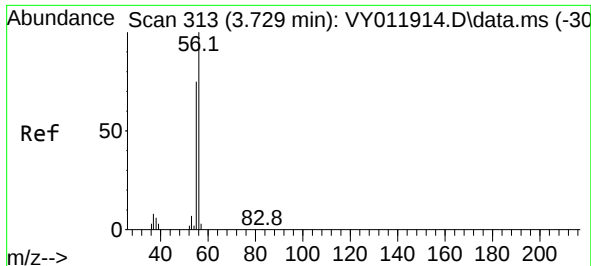
Ion Ratio Lower Upper

96 100

61 148.9 122.0 183.0

98 64.6 48.6 73.0





#13

Acrolein

Concen: 179.150 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

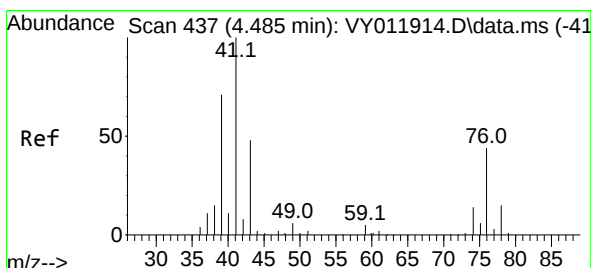
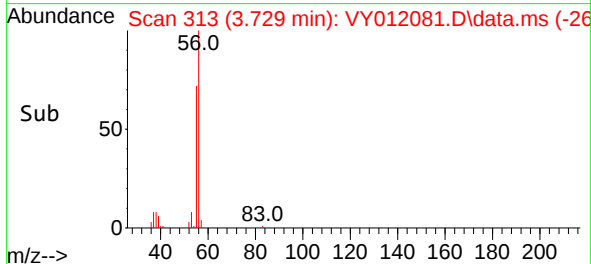
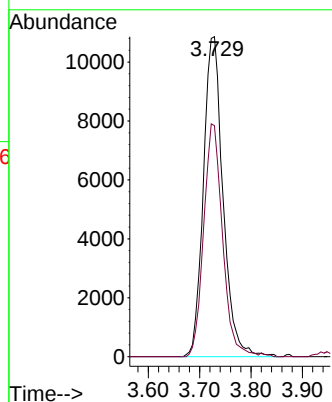
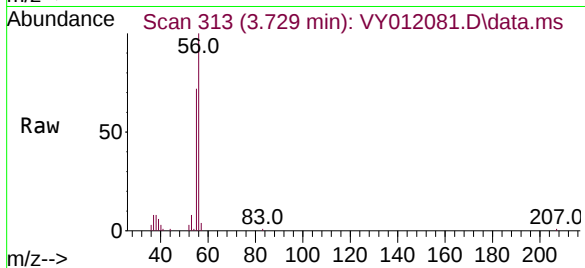
VSTDCCC050EC

Tgt Ion: 56 Resp: 28793

Ion Ratio Lower Upper

56 100

55 69.9 56.6 85.0



#14

Allyl chloride

Concen: 42.386 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

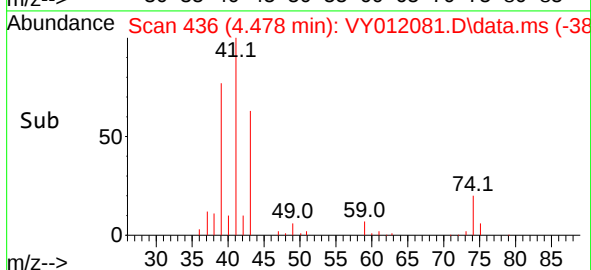
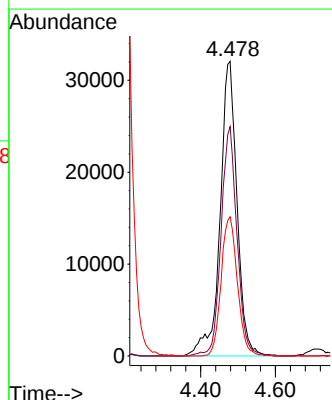
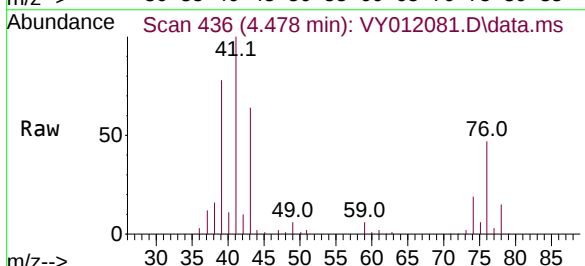
Tgt Ion: 41 Resp: 100781

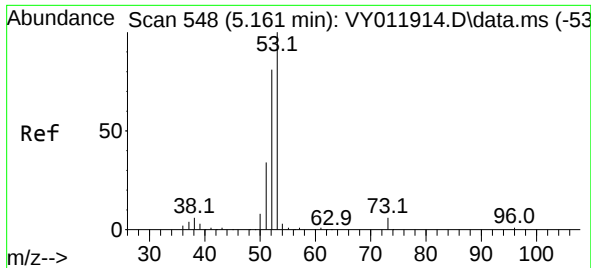
Ion Ratio Lower Upper

41 100

39 73.5 53.5 80.3

76 45.4 31.1 46.7

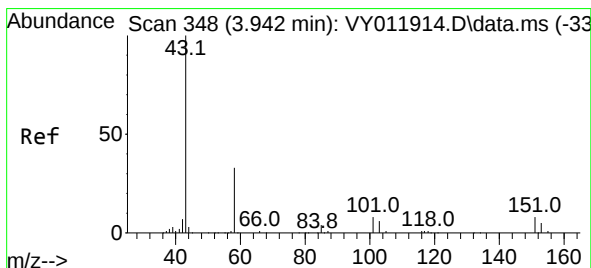
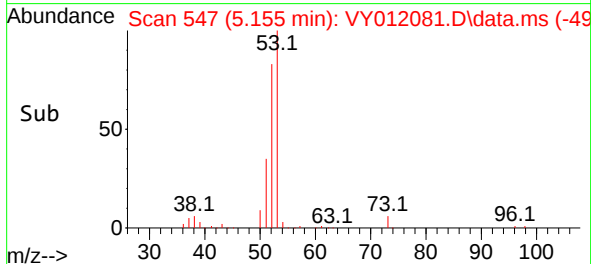
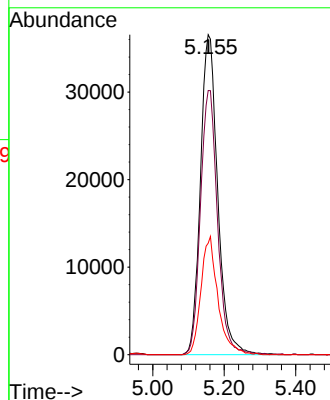
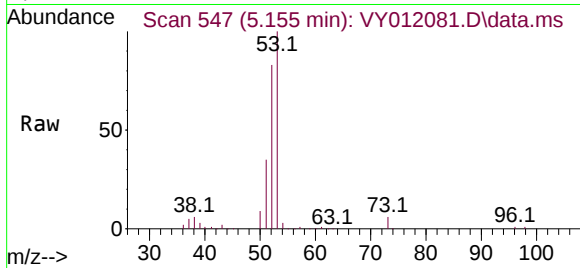




#15
Acrylonitrile
Concen: 291.679 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

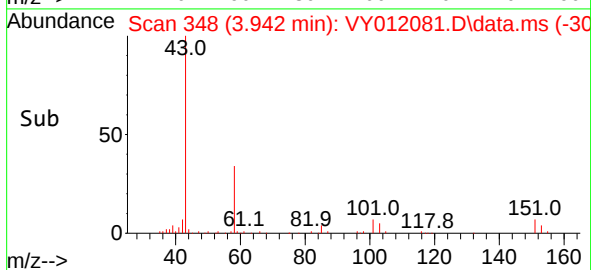
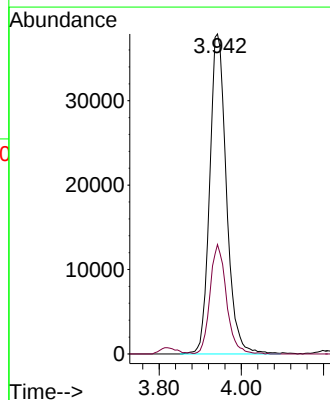
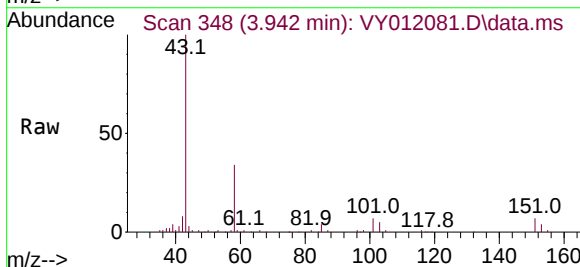
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

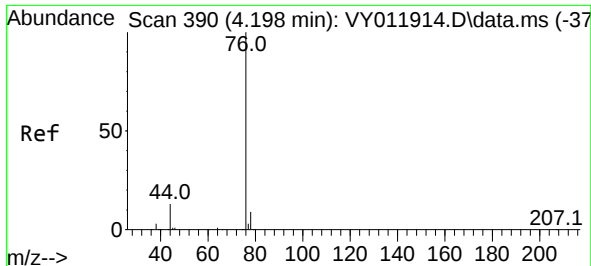
Tgt Ion: 53 Resp: 122753
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 36.2 28.7 43.1



#16
Acetone
Concen: 209.899 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 43 Resp: 107334
Ion Ratio Lower Upper
43 100
58 34.2 27.9 41.9

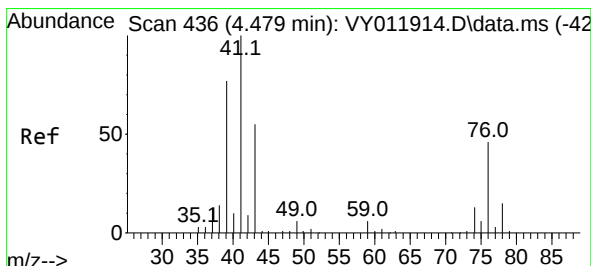
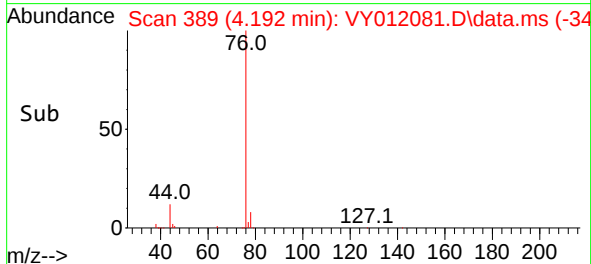
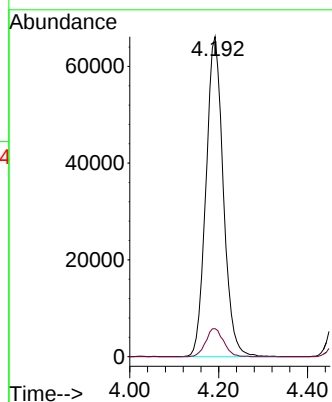
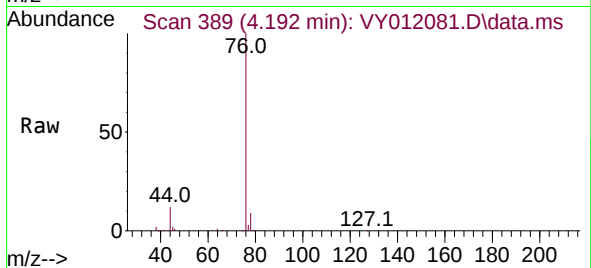




#17
Carbon Disulfide
Concen: 34.826 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

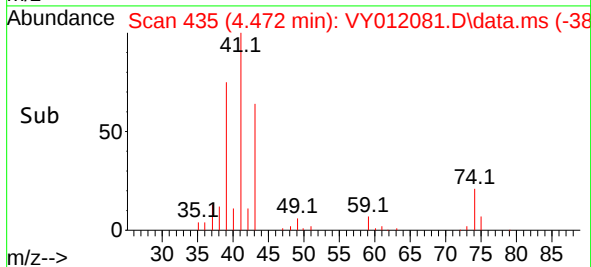
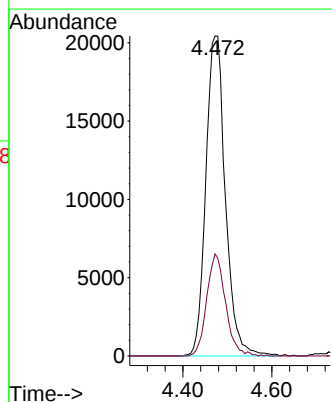
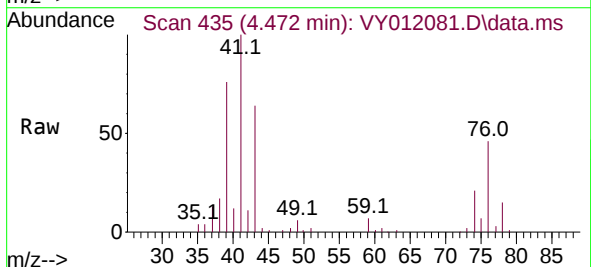
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

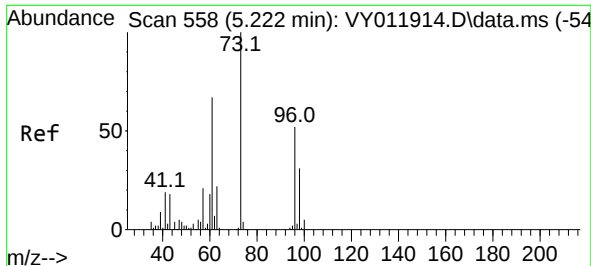
Tgt Ion: 76 Resp: 179366
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 52.709 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 43 Resp: 62620
Ion Ratio Lower Upper
43 100
74 30.7 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 59.664 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

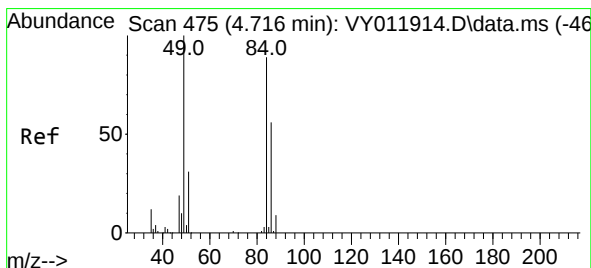
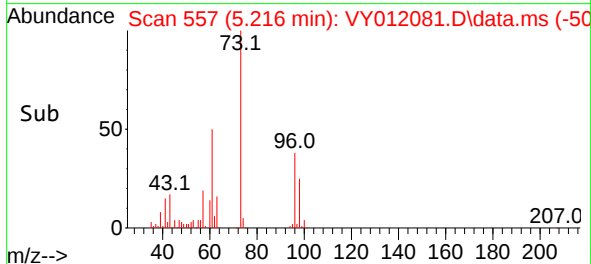
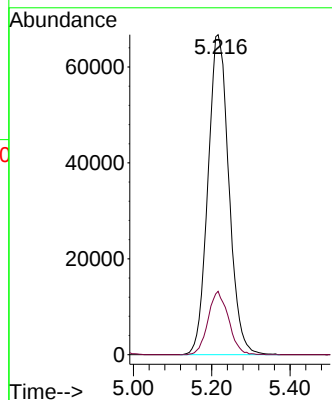
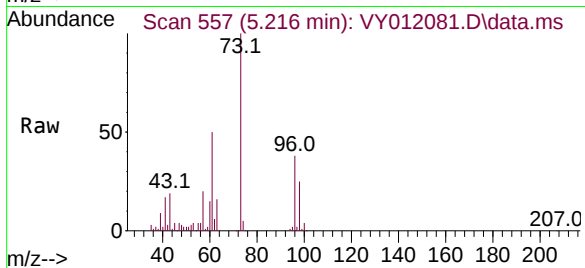
VSTDCCC050EC

Tgt Ion: 73 Resp: 247169

Ion Ratio Lower Upper

73 100

57 19.8 17.4 26.0



#20

Methylene Chloride

Concen: 47.134 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Tgt Ion: 84 Resp: 93925

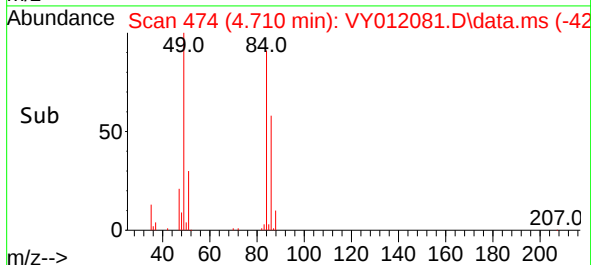
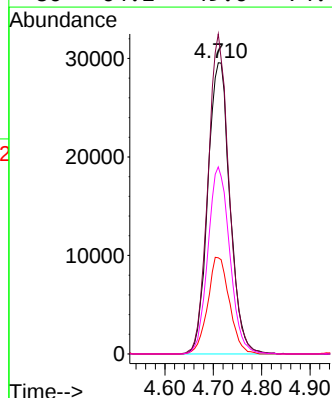
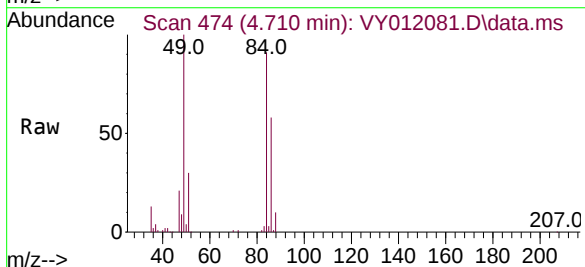
Ion Ratio Lower Upper

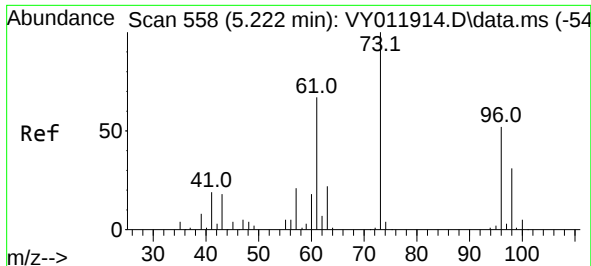
84 100

49 109.9 95.4 143.2

51 33.0 29.9 44.9

86 64.2 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 44.160 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

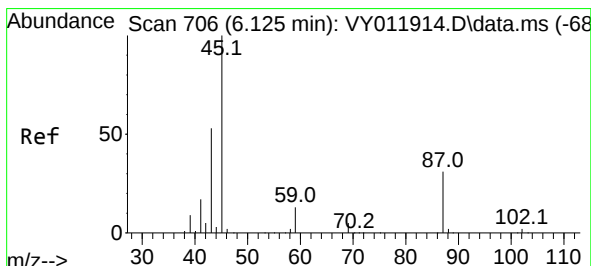
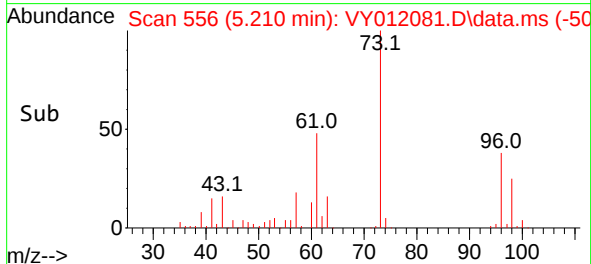
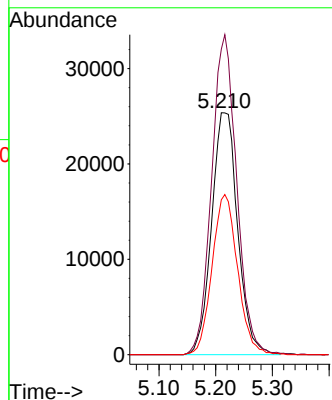
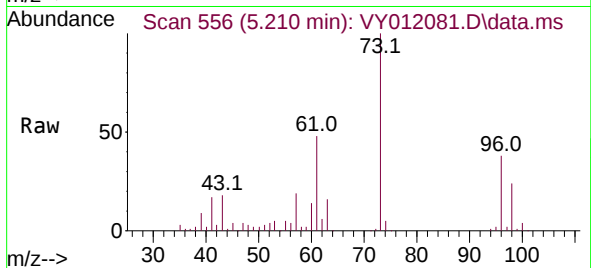
Tgt Ion: 96 Resp: 81014

Ion Ratio Lower Upper

96 100

61 126.2 108.0 162.0

98 64.0 51.6 77.4



#22

Diisopropyl ether

Concen: 48.576 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Tgt Ion: 45 Resp: 227473

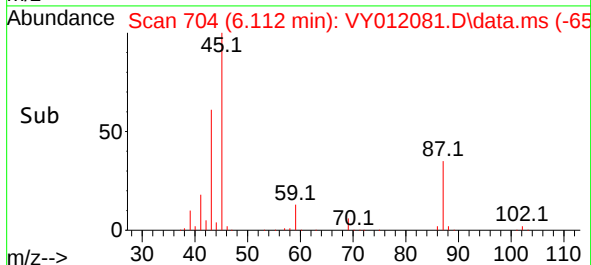
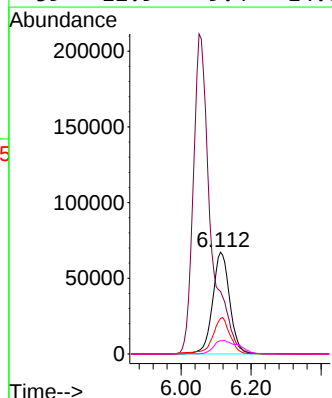
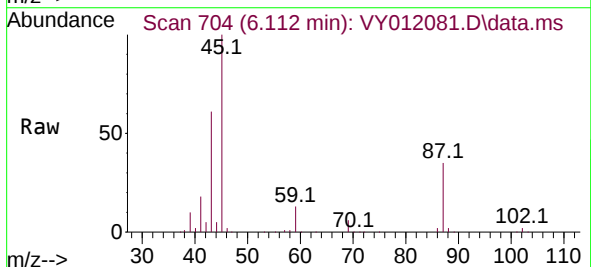
Ion Ratio Lower Upper

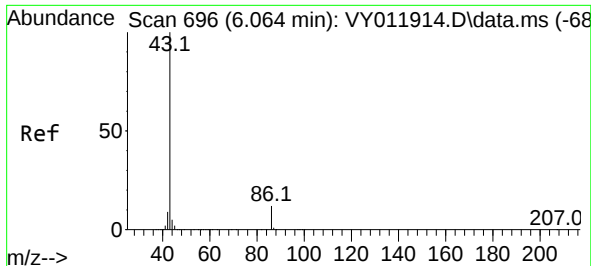
45 100

43 61.2 45.0 67.4

87 34.7 22.6 33.8#

59 12.9 9.4 14.0

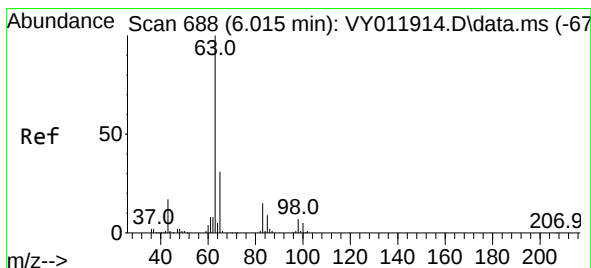
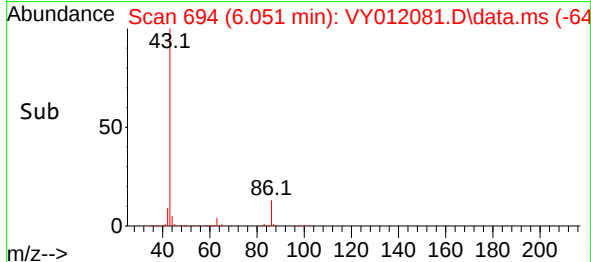
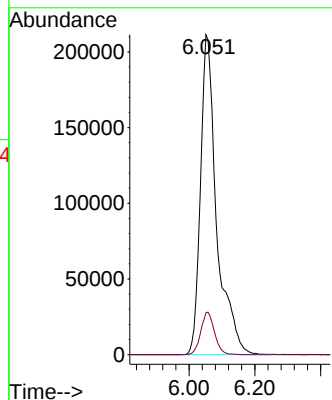
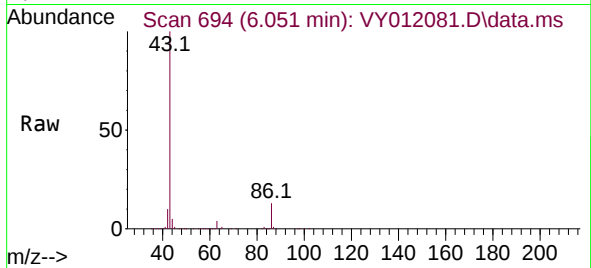




#23
 Vinyl Acetate
 Concen: 267.770 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY012081.D
 Acq: 05 Jan 2023 17:37

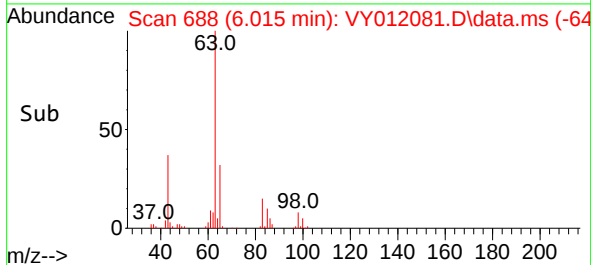
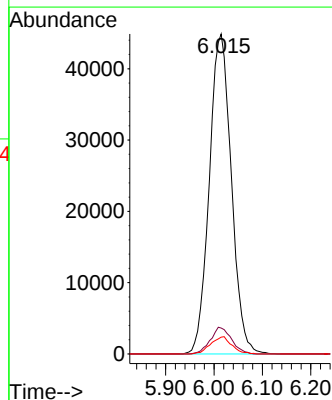
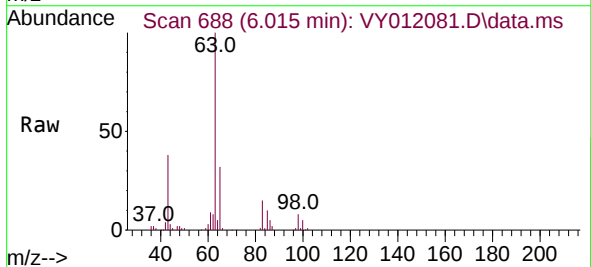
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

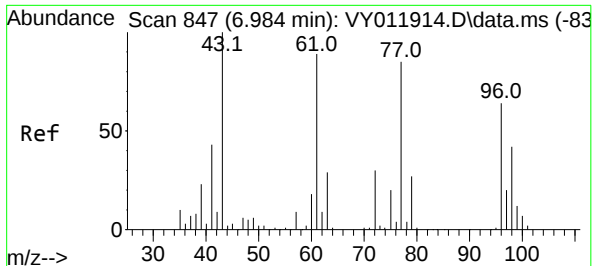
Tgt Ion: 43 Resp: 721434
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 46.748 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012081.D
 Acq: 05 Jan 2023 17:37

Tgt Ion: 63 Resp: 142299
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.5
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 257.760 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

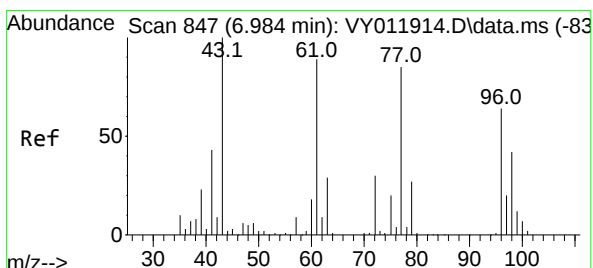
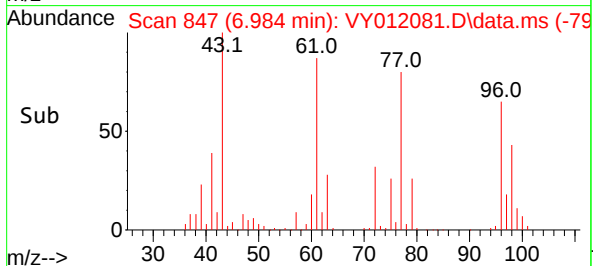
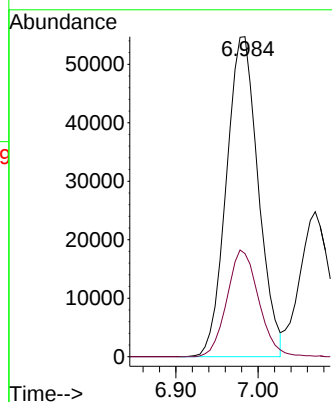
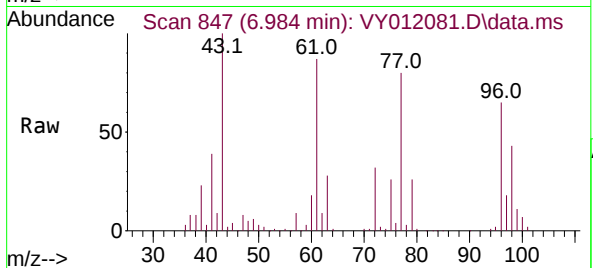
VSTDCCC050EC

Tgt Ion: 43 Resp: 147623

Ion Ratio Lower Upper

43 100

72 32.2 22.6 34.0



#26

2,2-Dichloropropane

Concen: 47.954 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012081.D

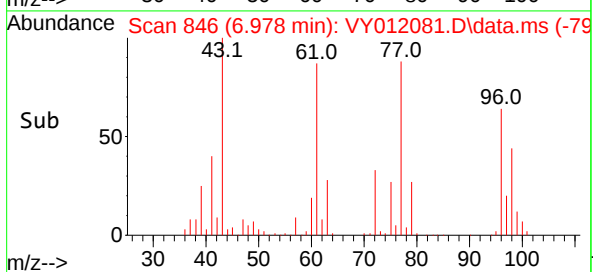
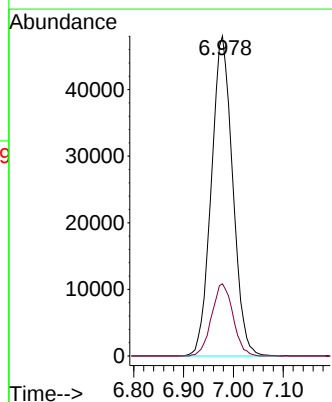
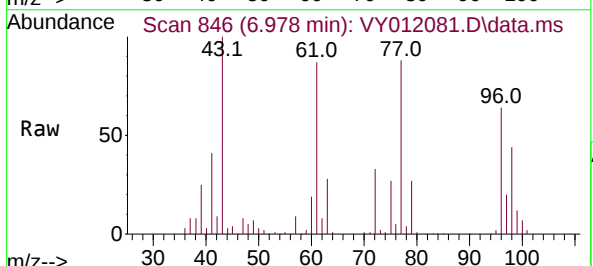
Acq: 05 Jan 2023 17:37

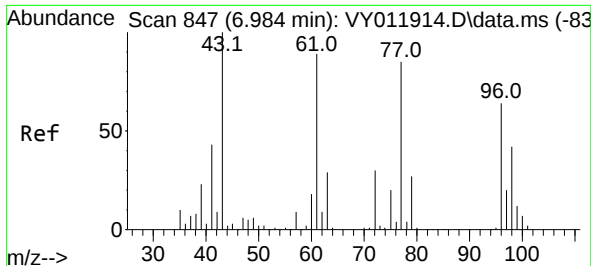
Tgt Ion: 77 Resp: 142835

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1

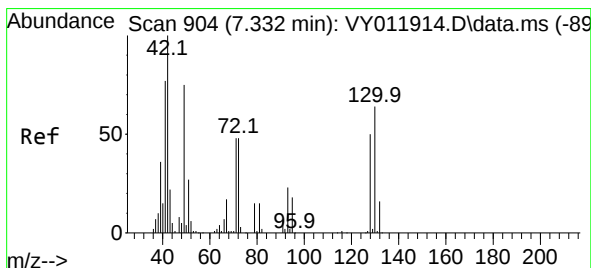
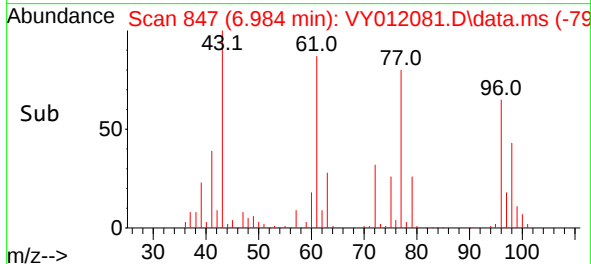
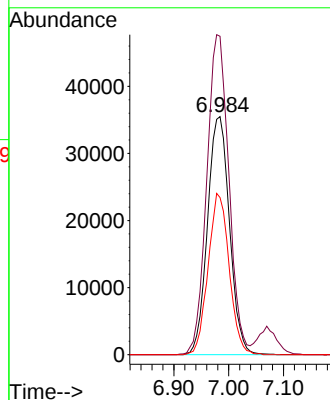
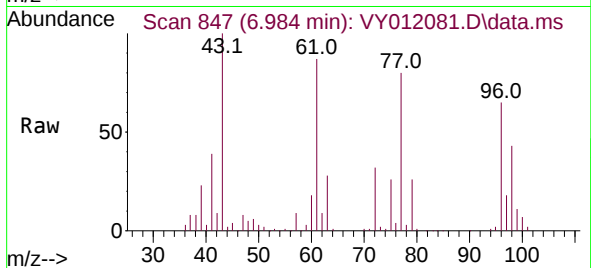




#27
 cis-1,2-Dichloroethene
 Concen: 49.804 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012081.D
 Acq: 05 Jan 2023 17:37

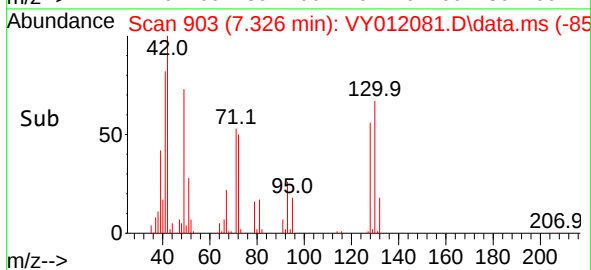
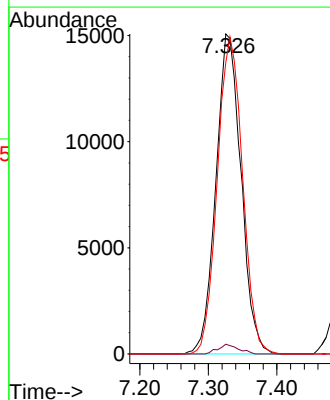
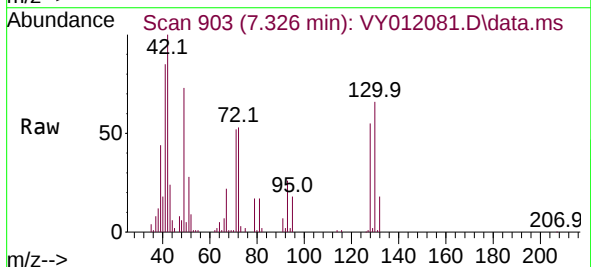
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

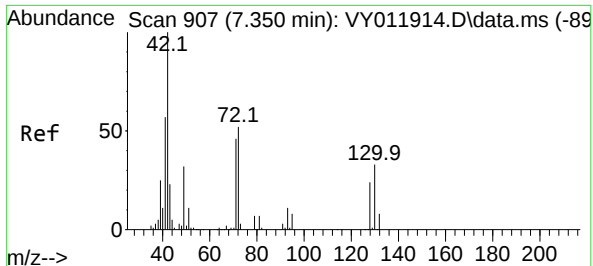
Tgt Ion: 96	Resp: 98823		
Ion	Ratio	Lower	Upper
96	100		
61	135.1	0.0	283.4
98	64.8	0.0	127.6



#28
 Bromochloromethane
 Concen: 45.837 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY012081.D
 Acq: 05 Jan 2023 17:37

Tgt Ion: 49	Resp: 38288
Ion Ratio	Lower Upper
49 100	
129 2.5	0.0 4.6
130 99.6	66.7 100.1





#29

Tetrahydrofuran

Concen: 285.925 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

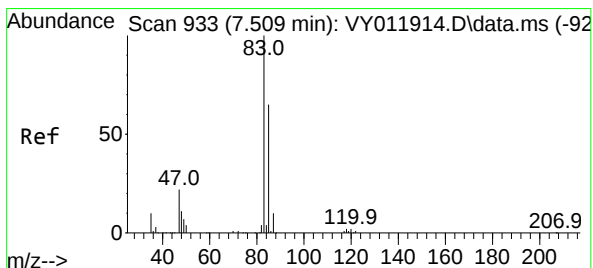
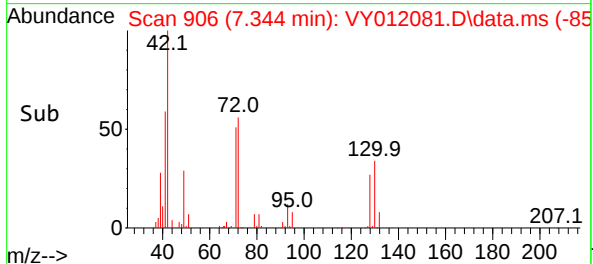
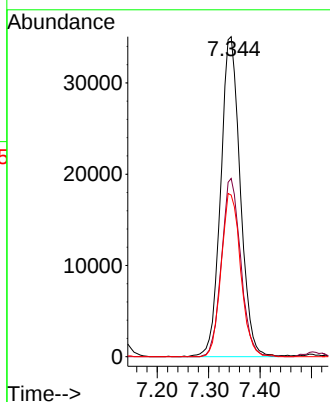
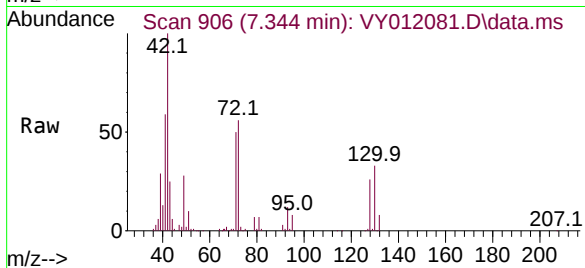
Tgt Ion: 42 Resp: 92779

Ion Ratio Lower Upper

42 100

72 54.7 37.0 55.6

71 50.8 34.9 52.3



#30

Chloroform

Concen: 51.185 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012081.D

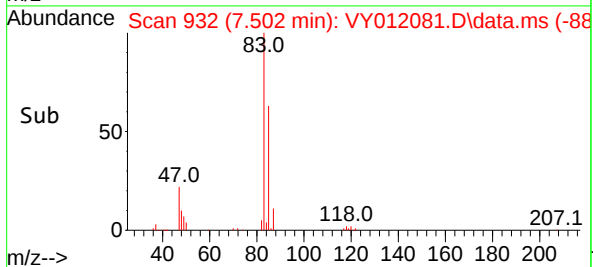
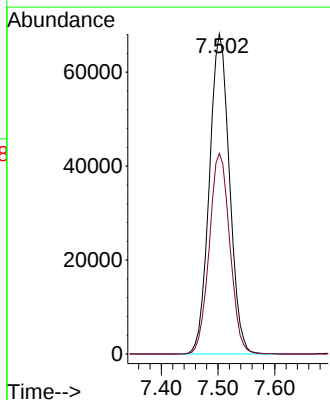
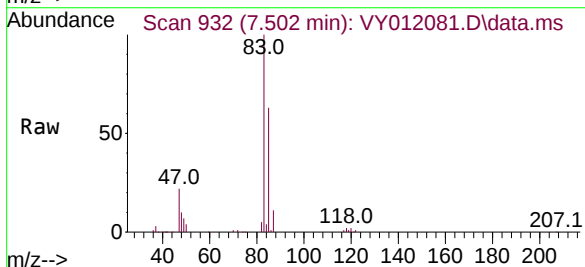
Acq: 05 Jan 2023 17:37

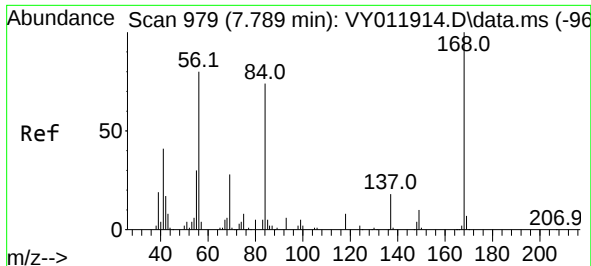
Tgt Ion: 83 Resp: 167934

Ion Ratio Lower Upper

83 100

85 62.7 51.5 77.3

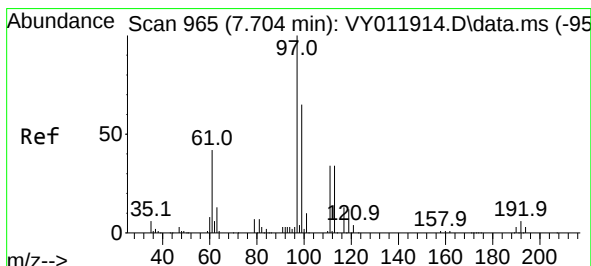
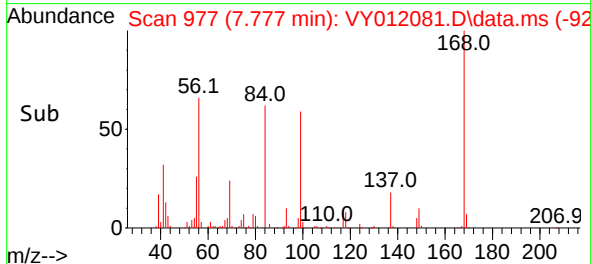
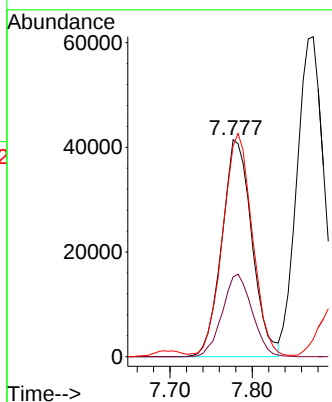
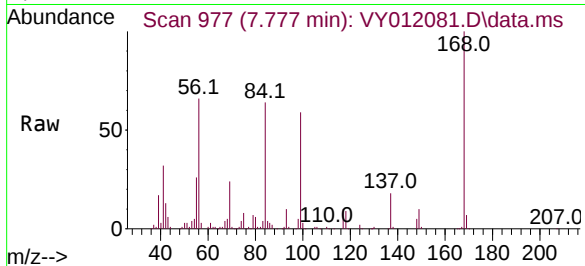




#31
Cyclohexane
Concen: 36.525 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

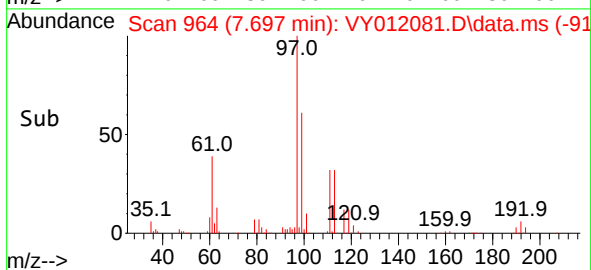
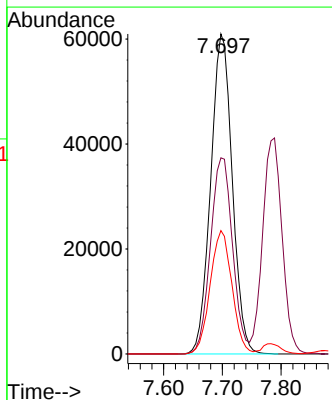
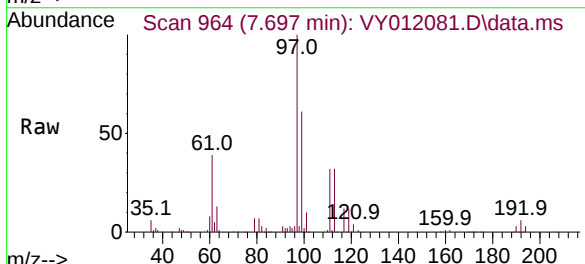
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

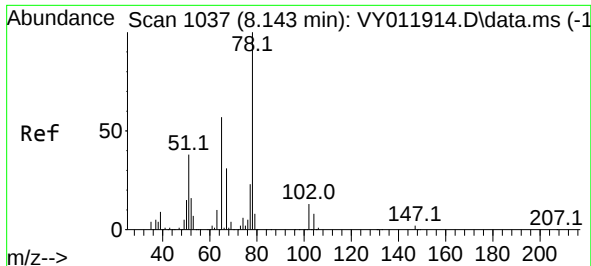
Tgt Ion: 56 Resp: 105717
Ion Ratio Lower Upper
56 100
69 36.7 29.2 43.8
84 94.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 49.827 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 97 Resp: 155492
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.4
61 39.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 52.601 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

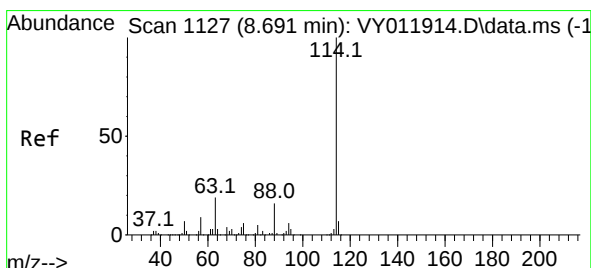
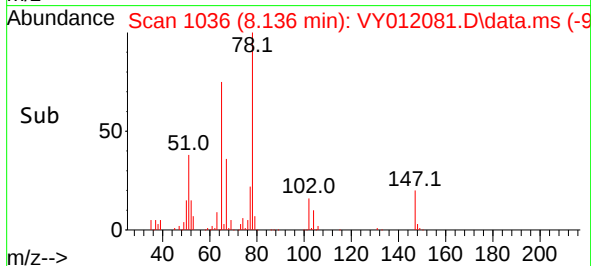
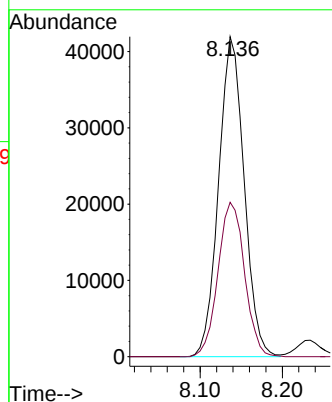
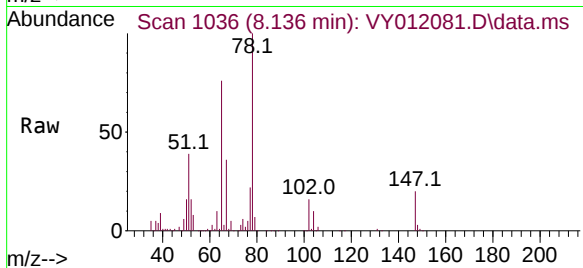
VSTDCCC050EC

Tgt Ion: 65 Resp: 90437

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

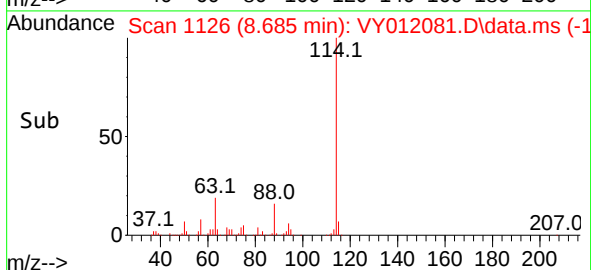
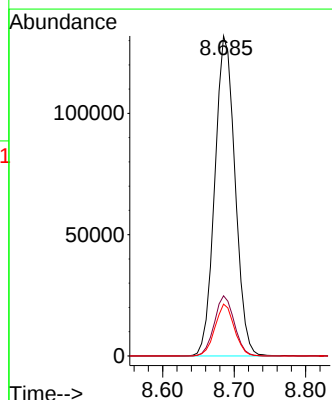
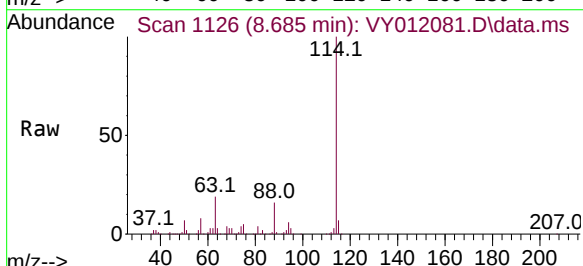
Tgt Ion: 114 Resp: 259164

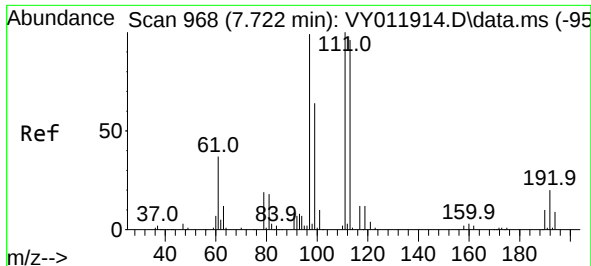
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 16.2 0.0 32.2

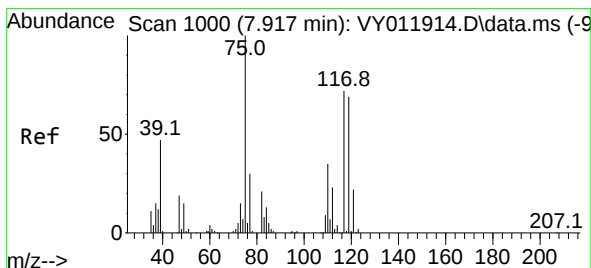
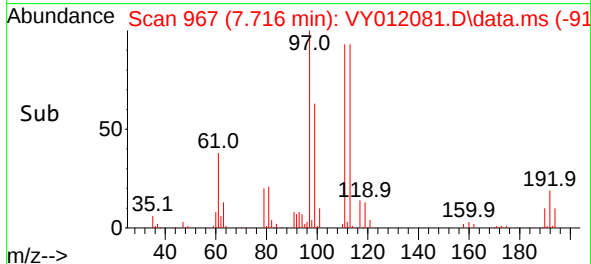
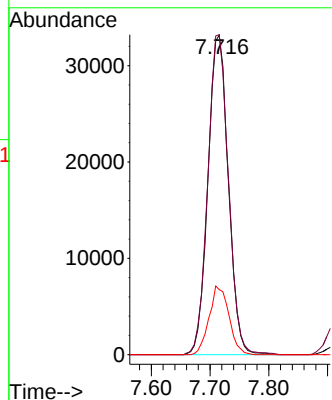
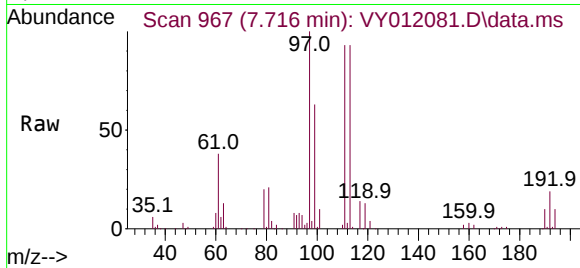




#35
Dibromofluoromethane
Concen: 51.253 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

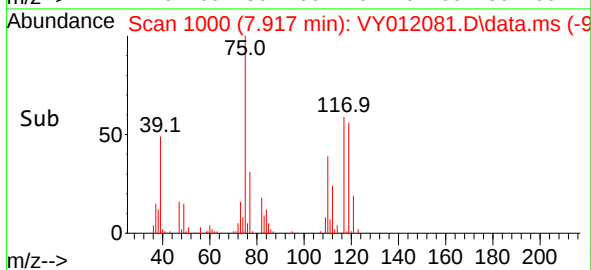
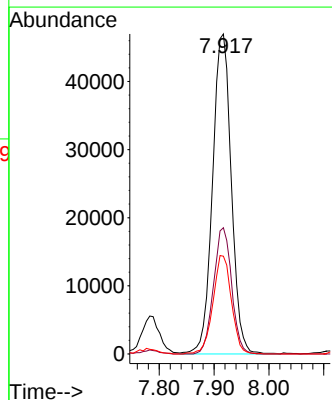
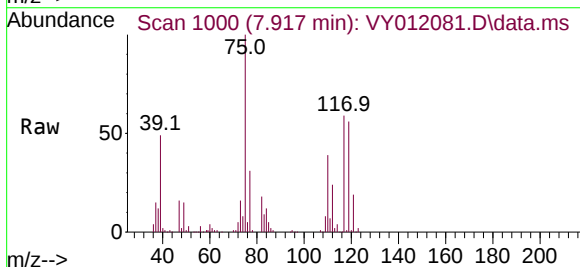
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

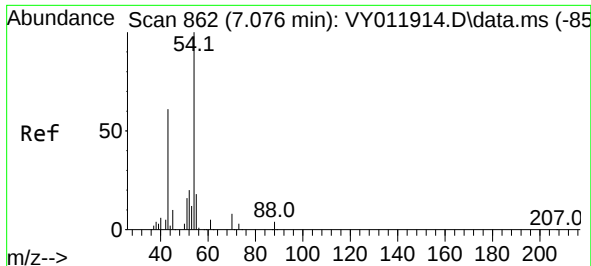
Tgt Ion:113 Resp: 79967
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 44.582 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 75 Resp: 111573
Ion Ratio Lower Upper
75 100
110 38.0 18.1 54.1
77 30.2 25.1 37.7

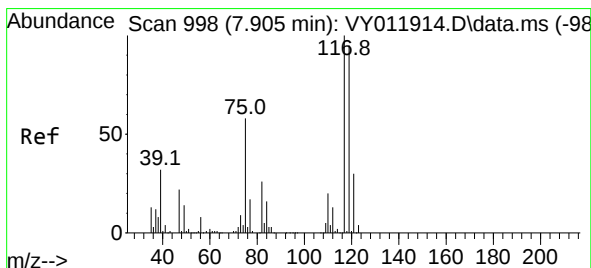
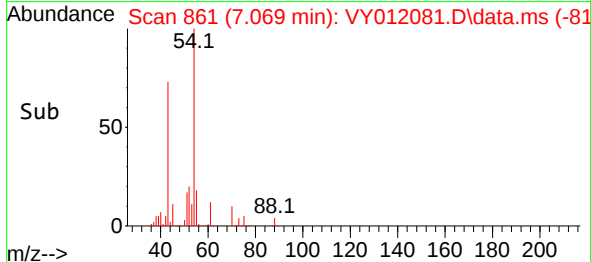
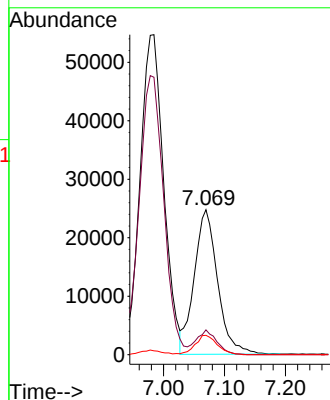
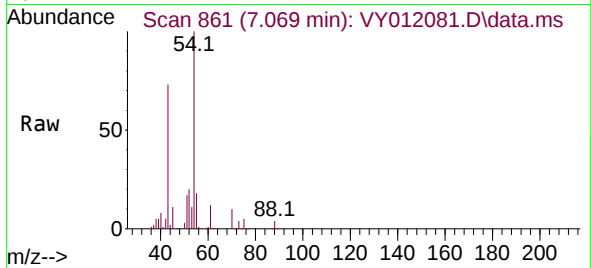




#37
Ethyl Acetate
Concen: 58.723 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.001 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

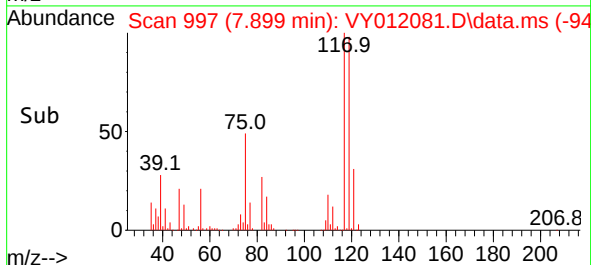
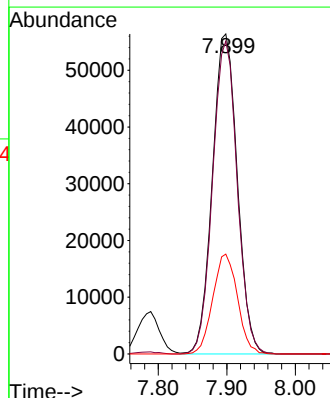
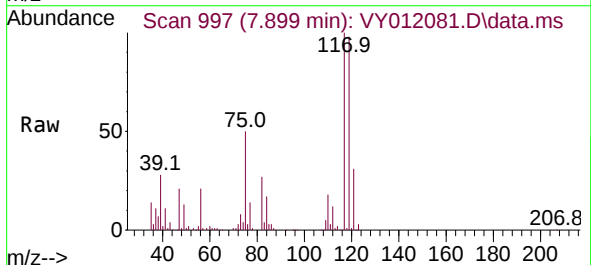
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

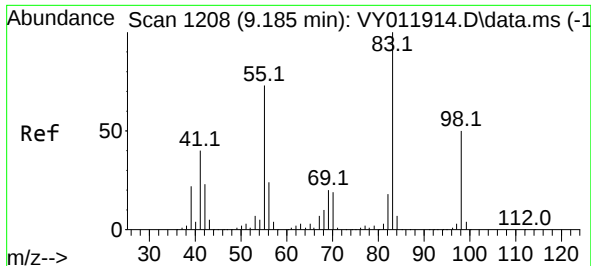
Tgt Ion: 43 Resp: 65936
Ion Ratio Lower Upper
43 100
61 15.0 11.3 16.9
70 12.5 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 49.281 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 117 Resp: 142440
Ion Ratio Lower Upper
117 100
119 97.8 73.8 110.8
121 31.2 25.2 37.8





#39

Methylcyclohexane

Concen: 41.376 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

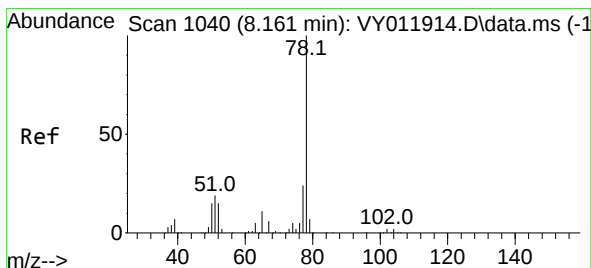
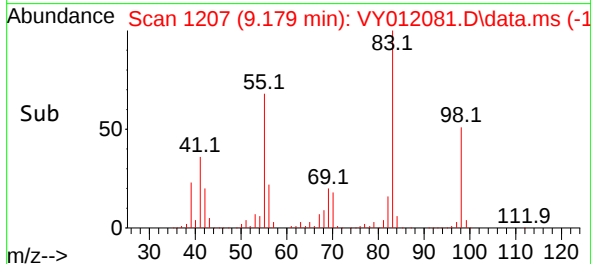
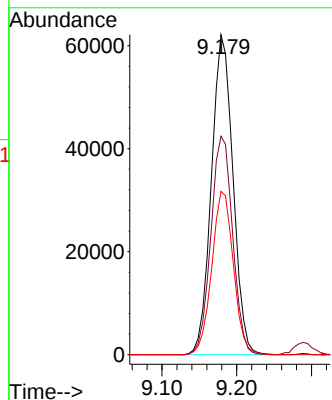
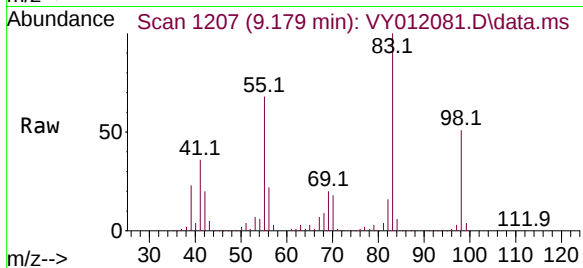
Tgt Ion: 83 Resp: 124599

Ion Ratio Lower Upper

83 100

55 68.2 58.2 87.2

98 51.1 38.6 58.0



#40

Benzene

Concen: 47.178 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012081.D

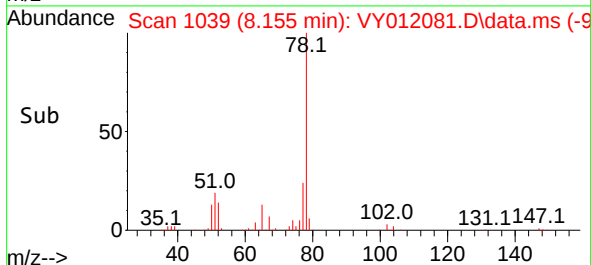
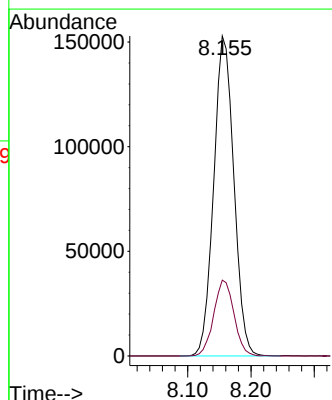
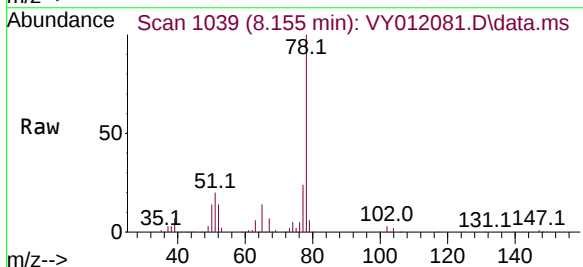
Acq: 05 Jan 2023 17:37

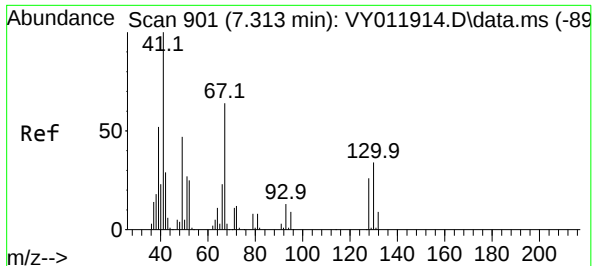
Tgt Ion: 78 Resp: 337894

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8

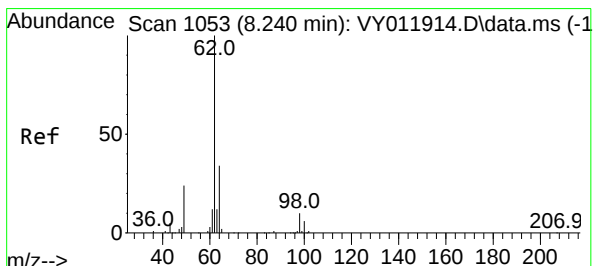
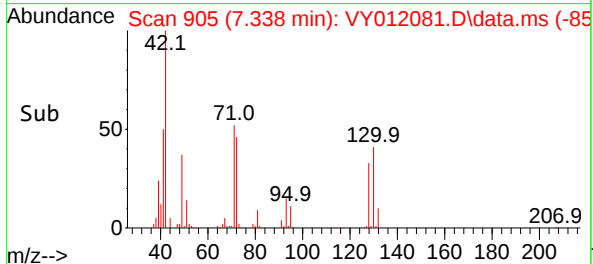
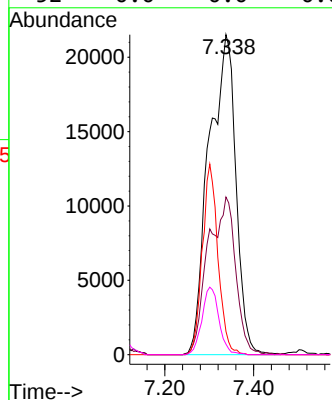
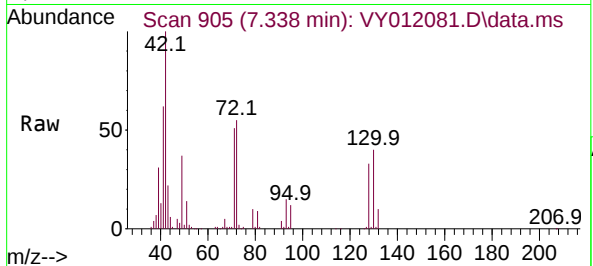




#41
Methacrylonitrile
Concen: 166.105 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

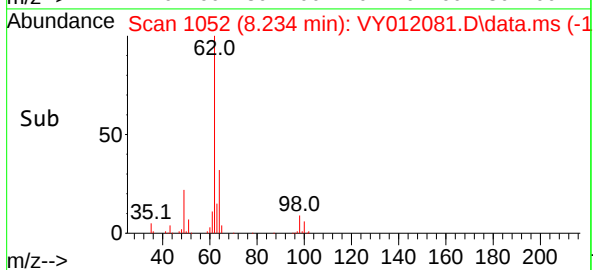
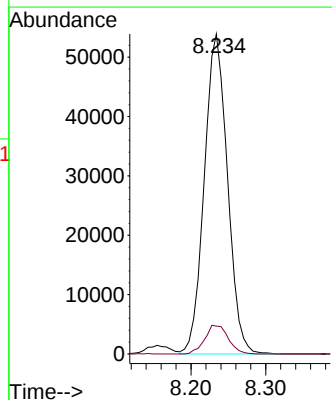
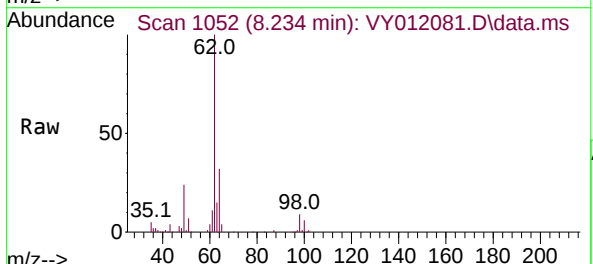
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

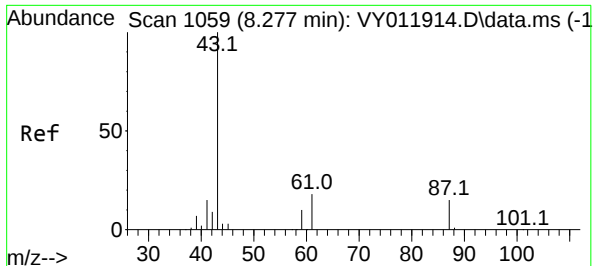
Tgt Ion: 41 Resp: 90189
Ion Ratio Lower Upper
41 100
39 27.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.386 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 62 Resp: 116258
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.6

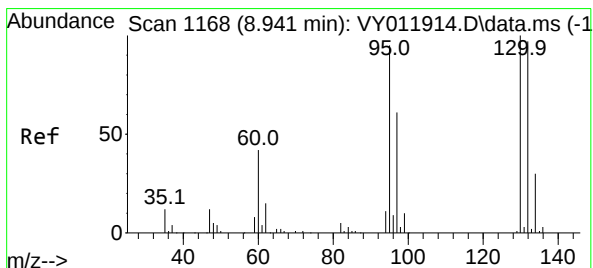
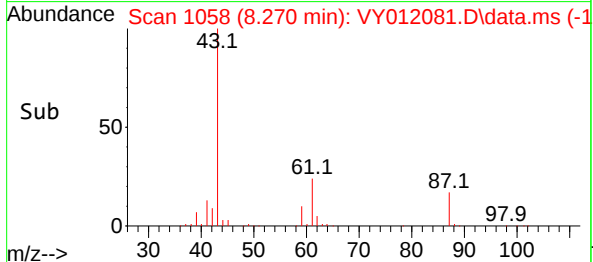
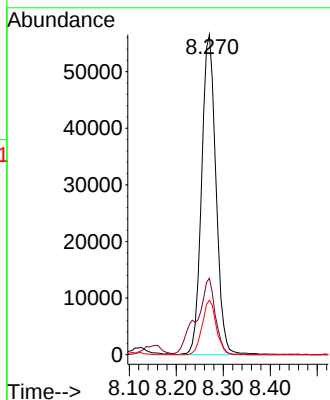
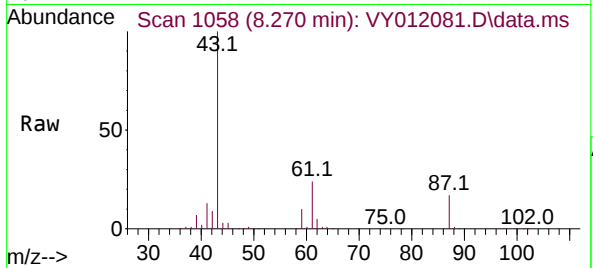




#43
Isopropyl Acetate
Concen: 58.320 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

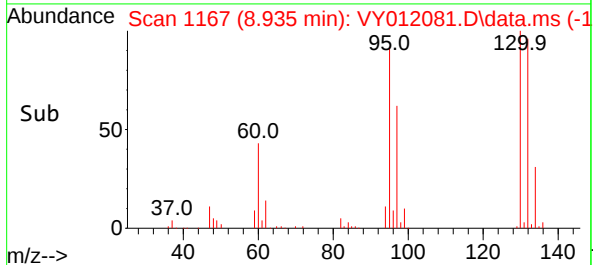
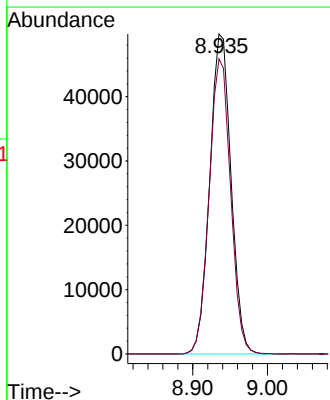
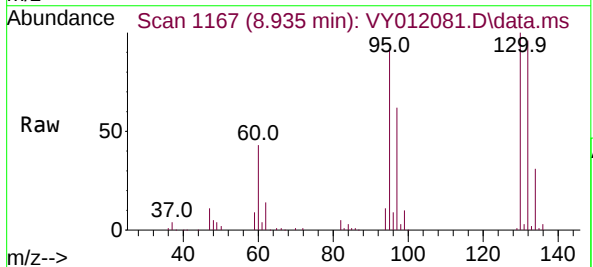
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

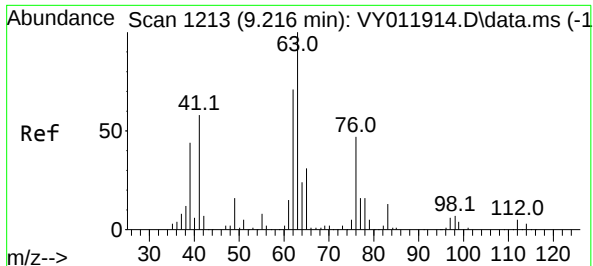
Tgt Ion: 43 Resp: 119596
Ion Ratio Lower Upper
43 100
61 31.4 24.4 36.6
87 16.7 11.4 17.2



#44
Trichloroethene
Concen: 48.761 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion:130 Resp: 98436
Ion Ratio Lower Upper
130 100
95 92.2 0.0 190.6





#45

1,2-Dichloropropane

Concen: 48.160 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

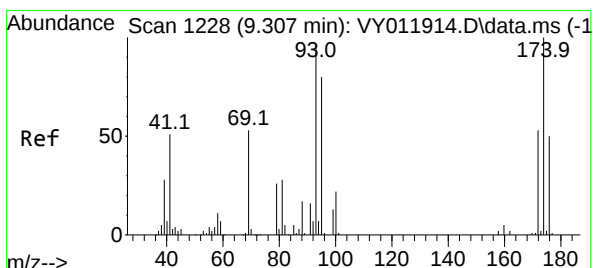
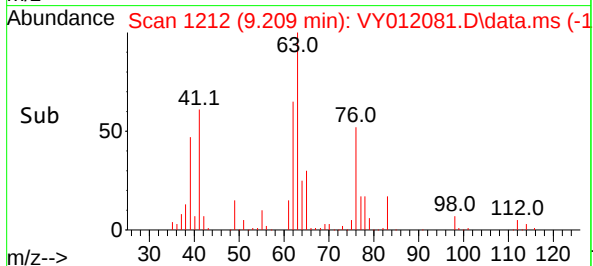
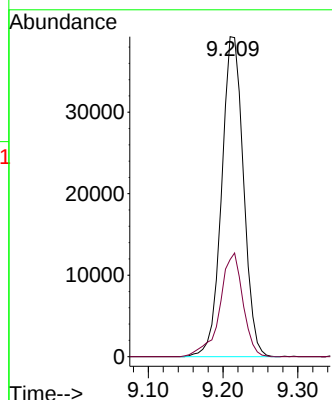
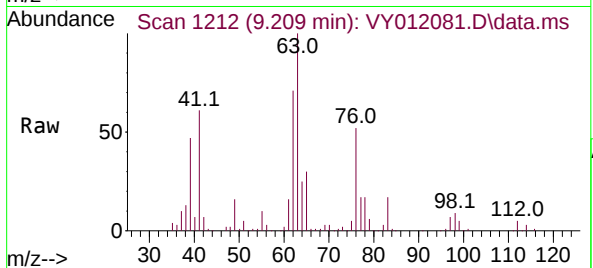
VSTDCCC050EC

Tgt Ion: 63 Resp: 79696

Ion Ratio Lower Upper

63 100

65 30.4 24.9 37.3



#46

Dibromomethane

Concen: 55.008 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

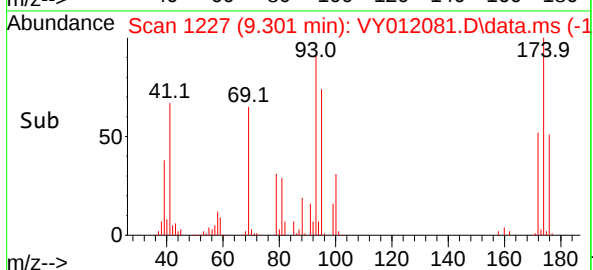
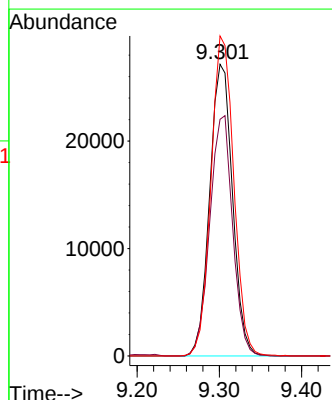
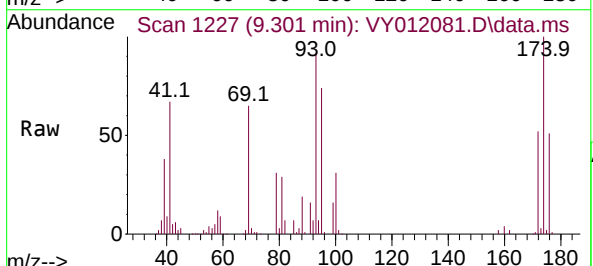
Tgt Ion: 93 Resp: 52434

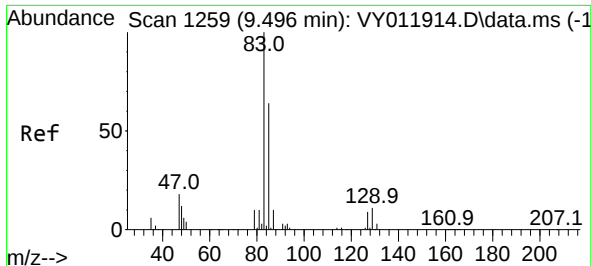
Ion Ratio Lower Upper

93 100

95 82.3 66.1 99.1

174 109.7 84.7 127.1

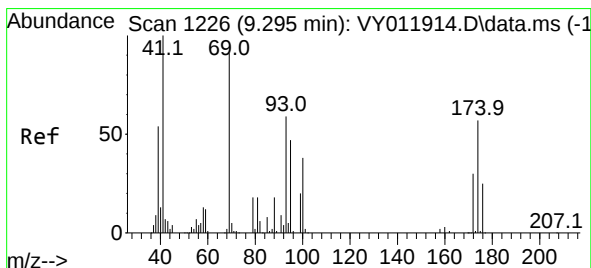
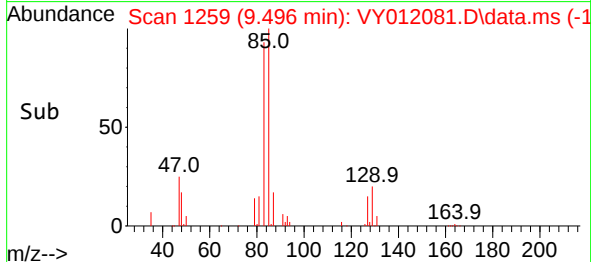
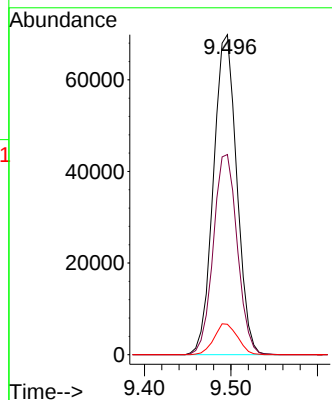
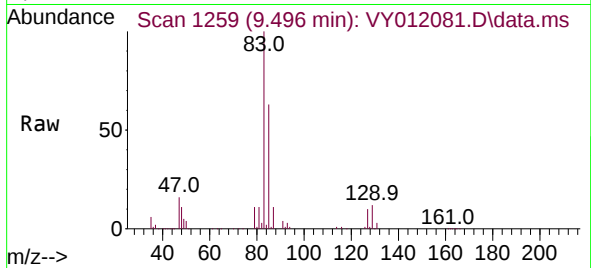




#47
Bromodichloromethane
Concen: 54.018 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

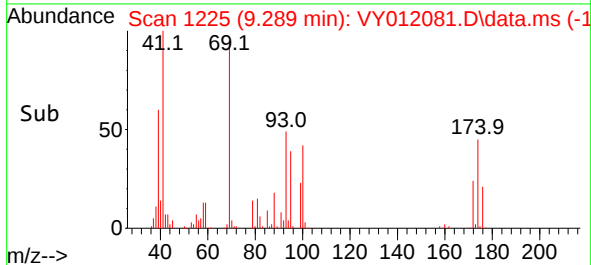
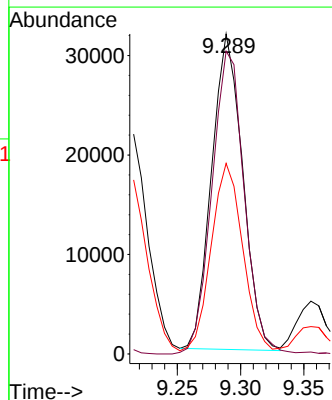
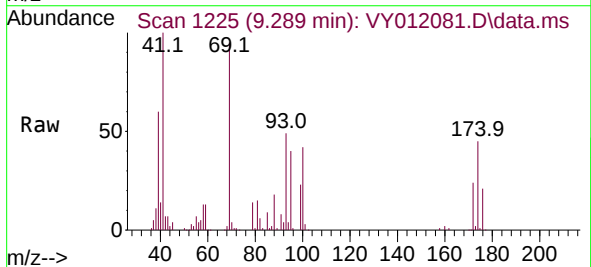
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

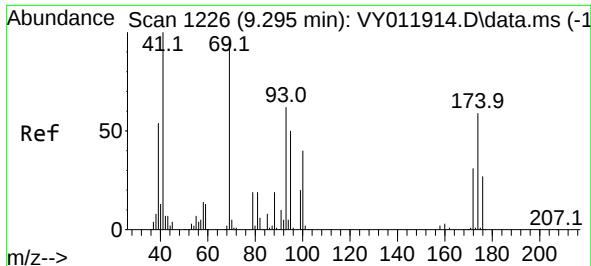
Tgt Ion: 83 Resp: 130629
Ion Ratio Lower Upper
83 100
85 62.6 52.0 78.0
127 9.5 7.3 10.9



#48
Methyl methacrylate
Concen: 56.950 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 41 Resp: 54073
Ion Ratio Lower Upper
41 100
69 100.5 74.2 111.2
39 62.4 46.3 69.5





#49

1,4-Dioxane

Concen: 1403.526 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

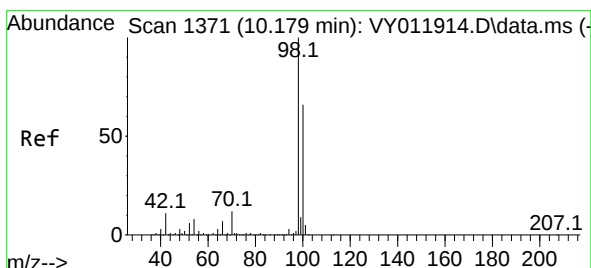
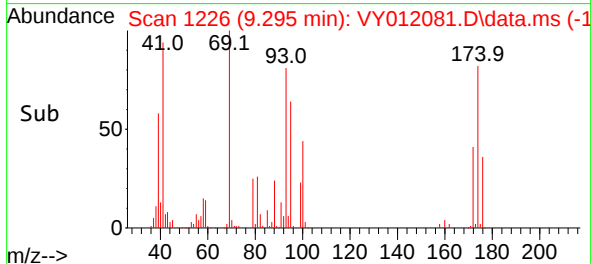
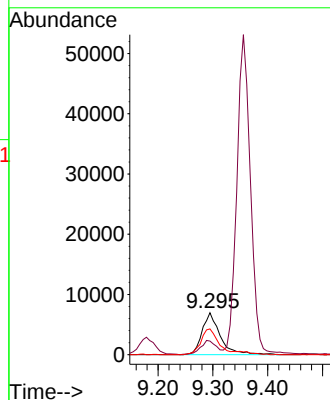
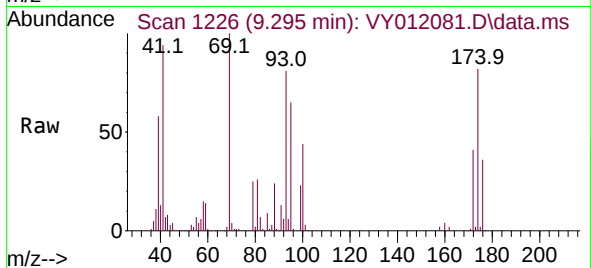
Tgt Ion: 88 Resp: 15973

Ion Ratio Lower Upper

88 100

43 30.4 26.2 39.2

58 65.5 54.3 81.5



#50

Toluene-d8

Concen: 47.647 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012081.D

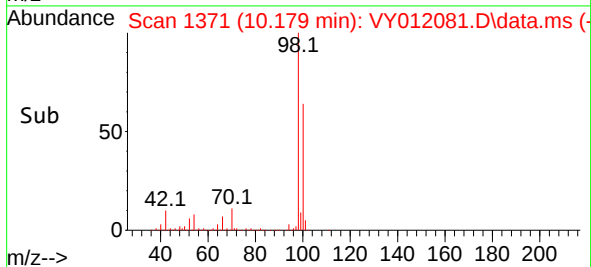
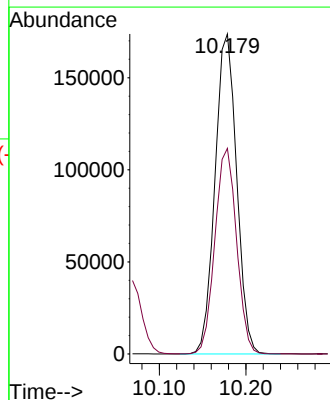
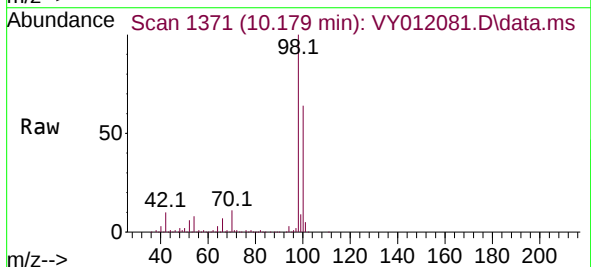
Acq: 05 Jan 2023 17:37

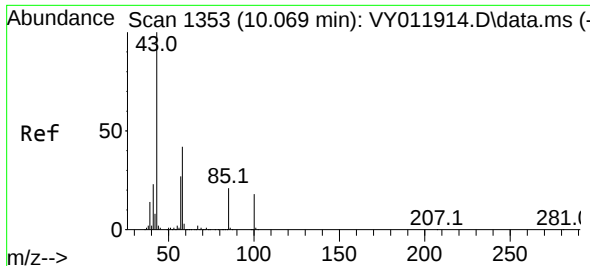
Tgt Ion: 98 Resp: 301619

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9

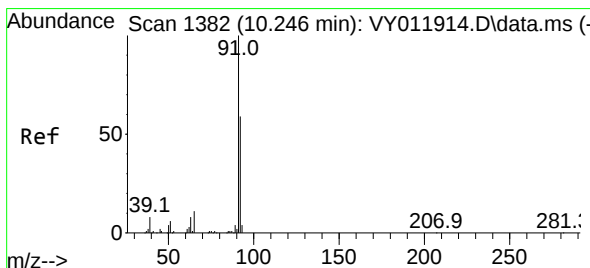
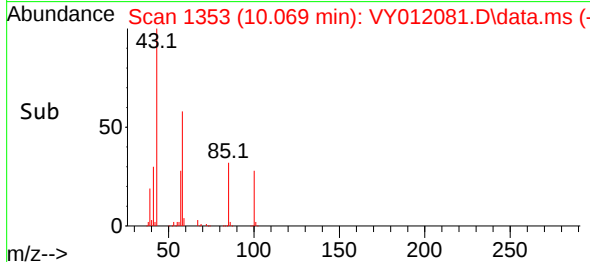
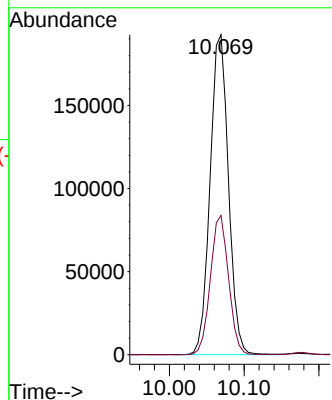
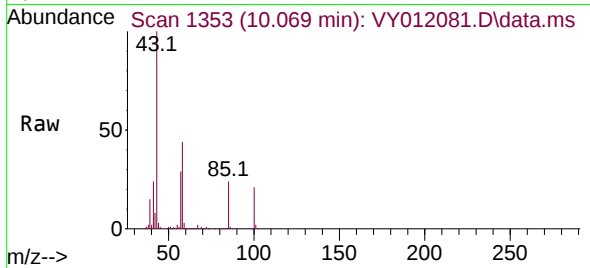




#51
4-Methyl-2-Pentanone
Concen: 300.544 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

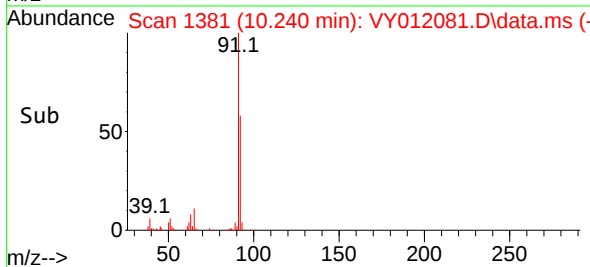
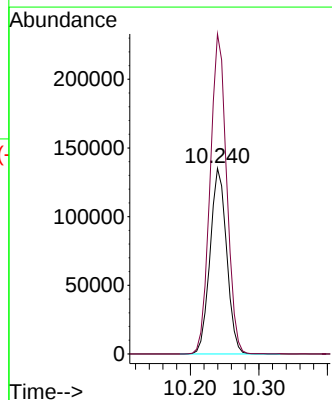
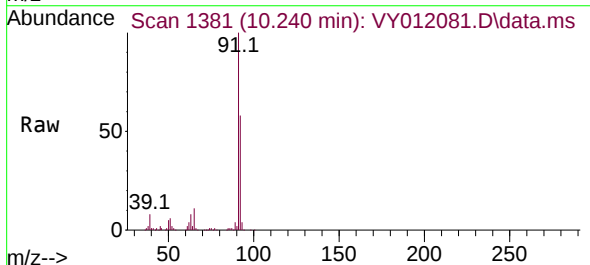
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

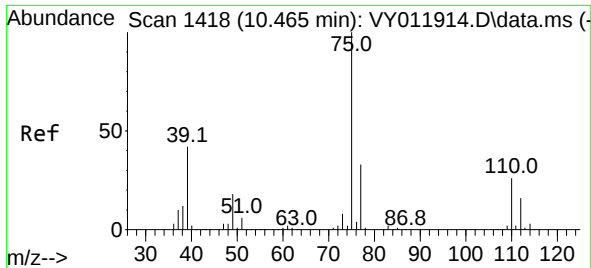
Tgt Ion: 43 Resp: 328635
Ion Ratio Lower Upper
43 100
58 43.0 32.9 49.3



#52
Toluene
Concen: 49.757 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 92 Resp: 227048
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 55.927 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

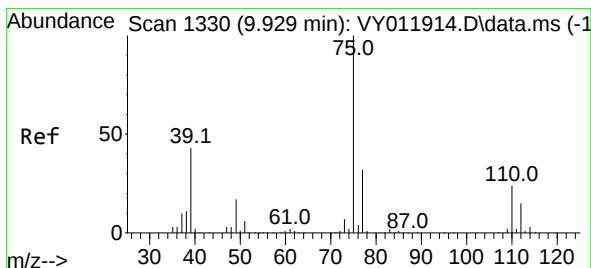
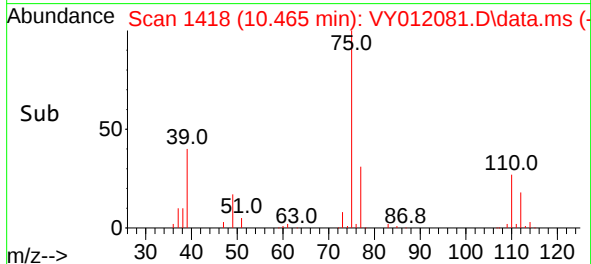
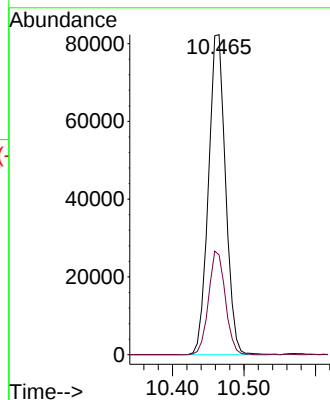
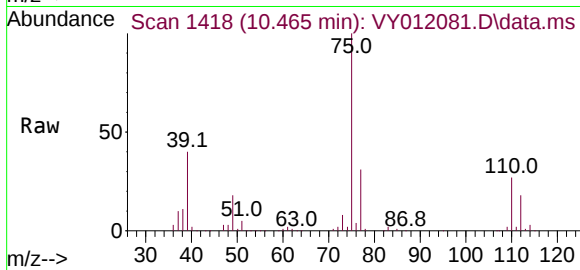
VSTDCCC050EC

Tgt Ion: 75 Resp: 136662

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 52.736 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

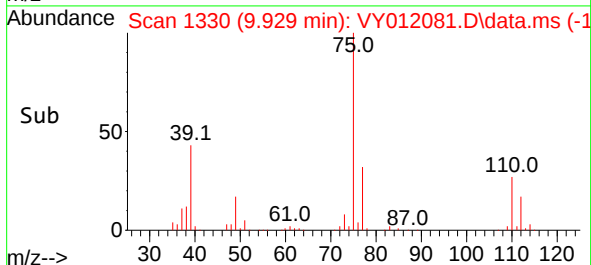
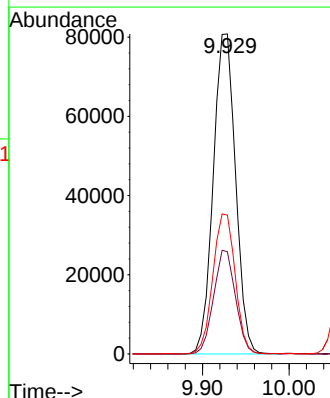
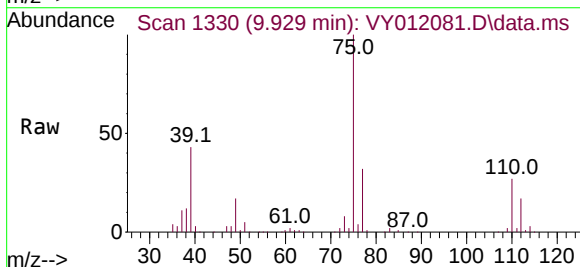
Tgt Ion: 75 Resp: 144847

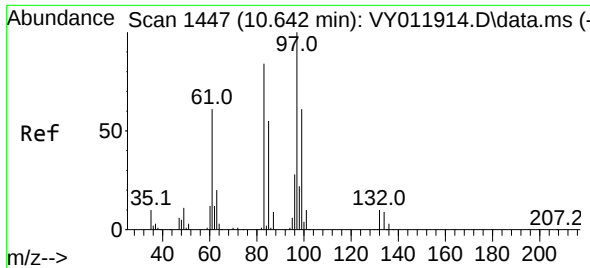
Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9

39 43.4 34.6 52.0

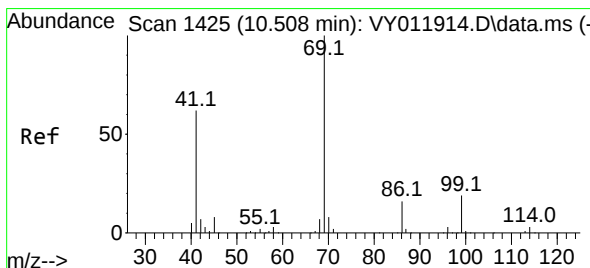
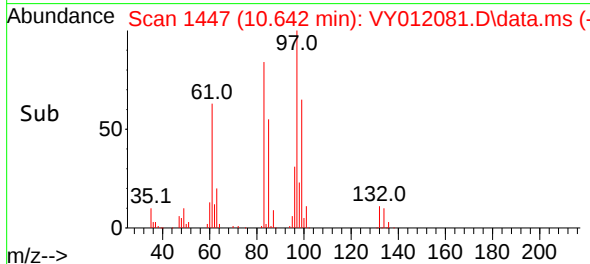
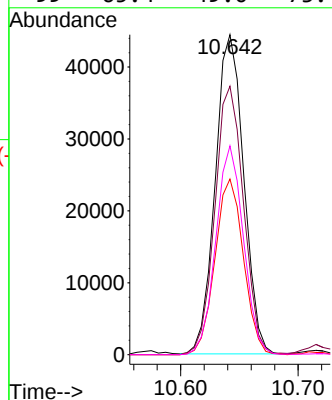
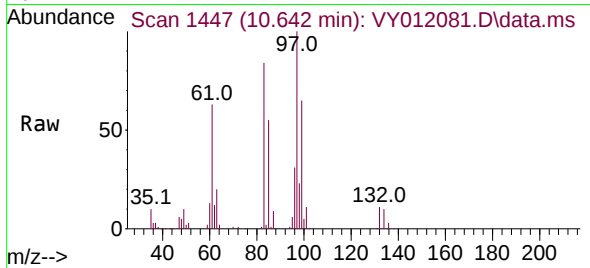




#55
1,1,2-Trichloroethane
Concen: 55.278 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

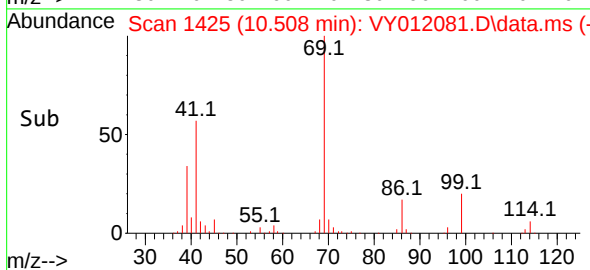
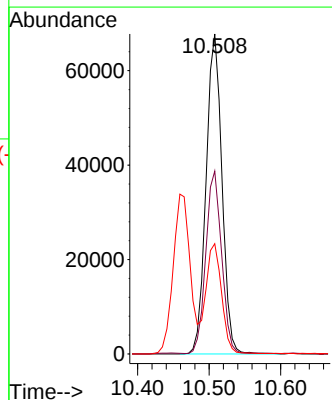
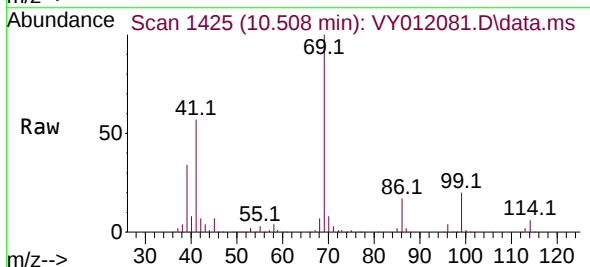
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

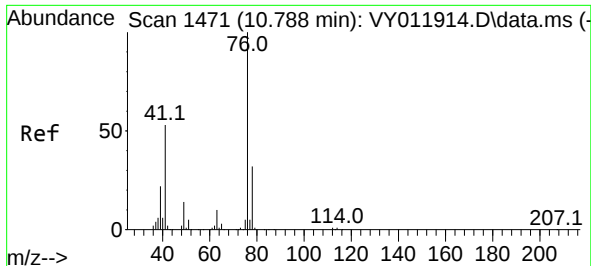
Tgt Ion:	97	Resp:	74772
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.7	101.5
85	55.0	43.8	65.8
99	65.4	49.0	73.4



#56
Ethyl methacrylate
Concen: 61.002 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion:	69	Resp:	104472
Ion	Ratio	Lower	Upper
69	100		
41	56.7	48.9	73.3
39	34.3	25.9	38.9





#57

1,3-Dichloropropane

Concen: 56.122 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

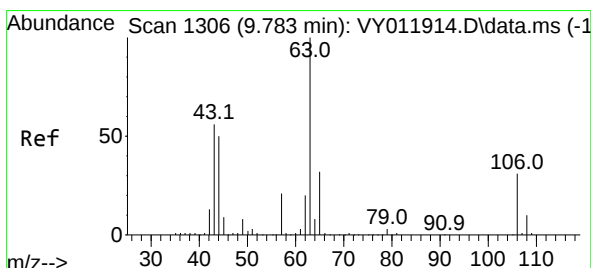
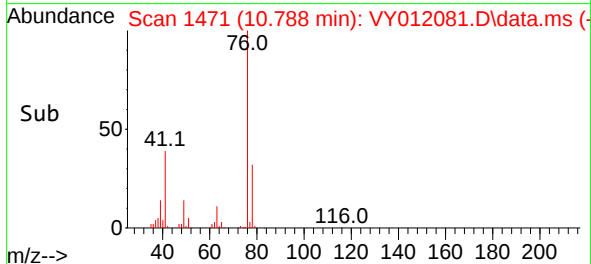
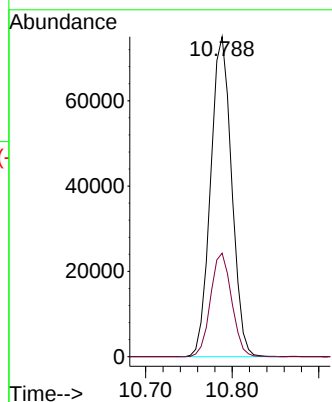
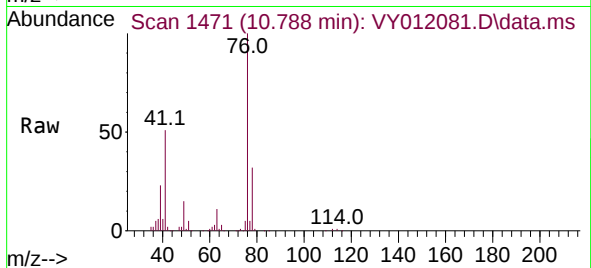
VSTDCCC050EC

Tgt Ion: 76 Resp: 126686

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 296.622 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY012081.D

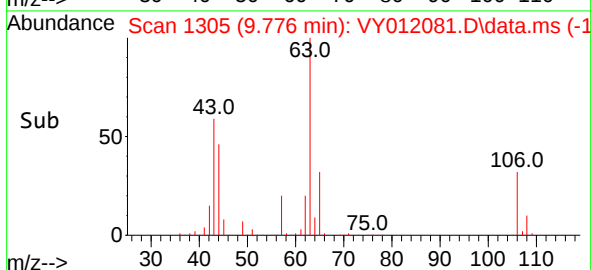
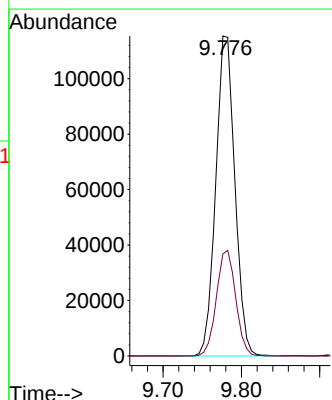
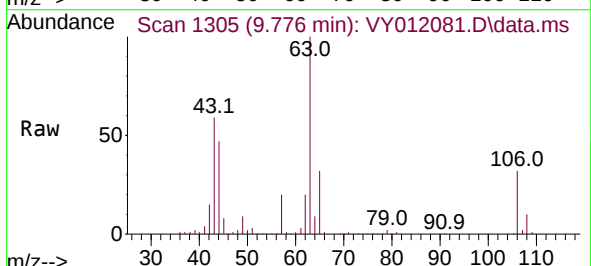
Acq: 05 Jan 2023 17:37

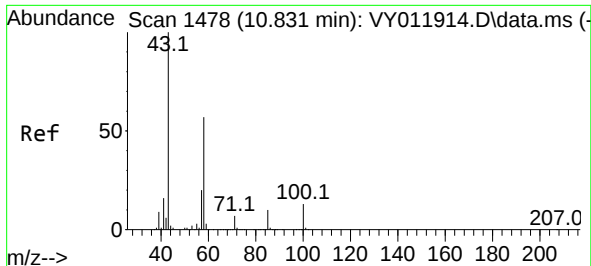
Tgt Ion: 63 Resp: 196024

Ion Ratio Lower Upper

63 100

106 33.2 23.2 34.8

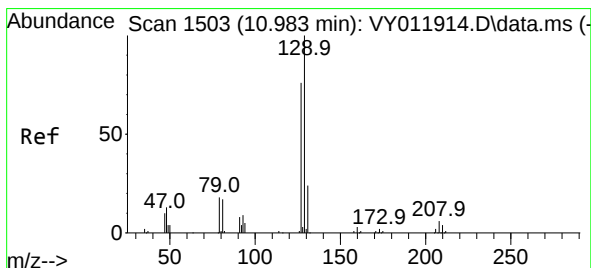
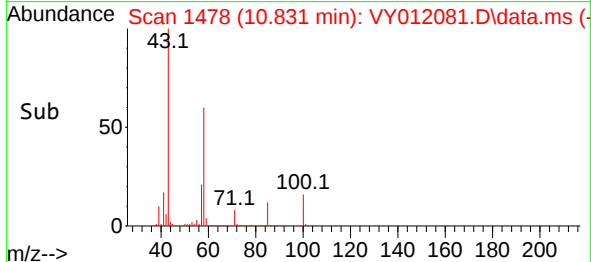
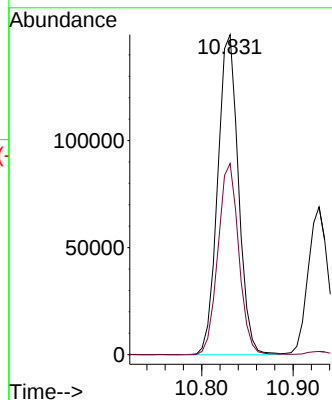
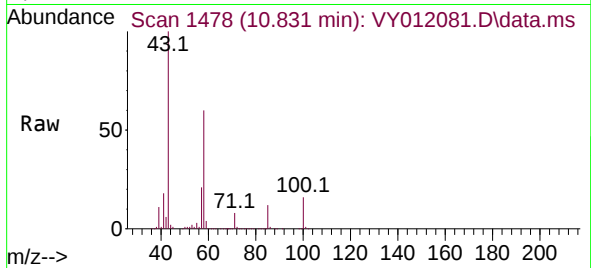




#59
2-Hexanone
Concen: 292.800 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

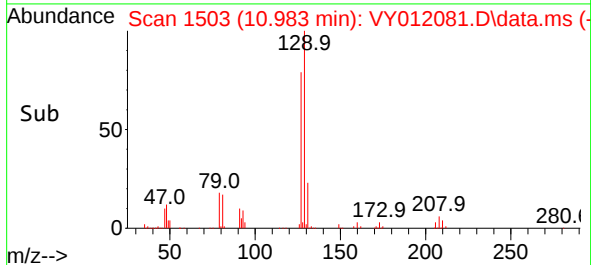
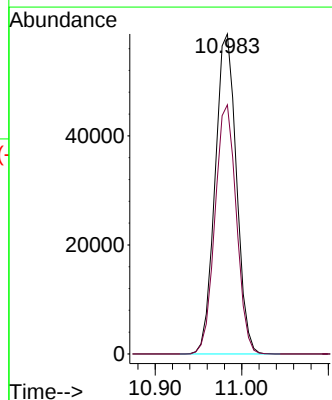
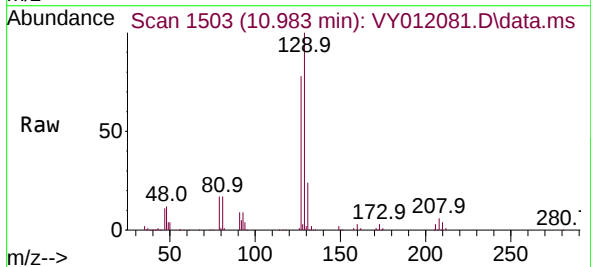
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

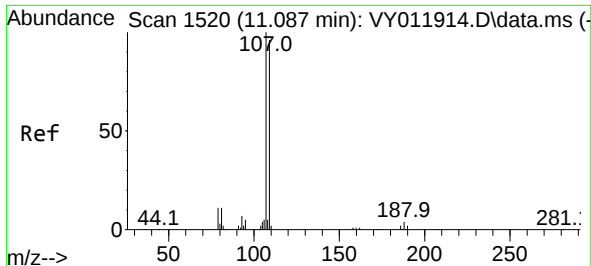
Tgt Ion: 43 Resp: 235540
Ion Ratio Lower Upper
43 100
58 59.8 28.4 85.2



#60
Dibromochloromethane
Concen: 58.937 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 129 Resp: 100428
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

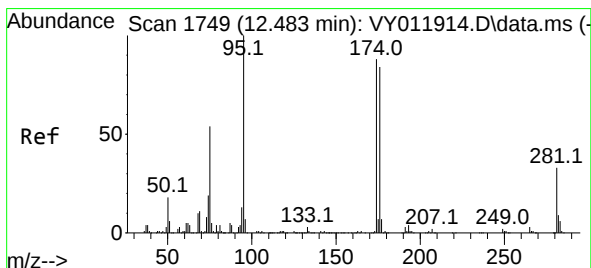
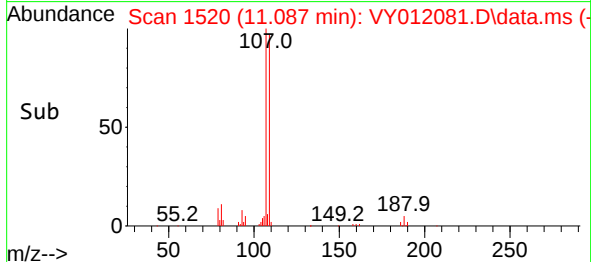
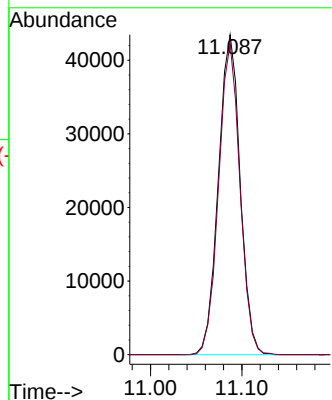
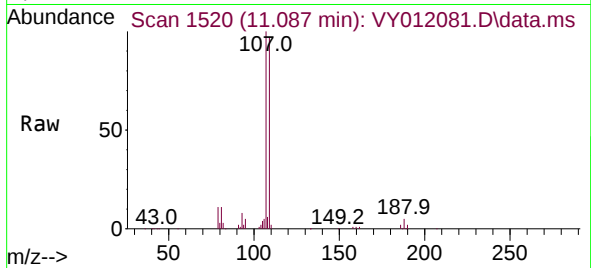




#61
1,2-Dibromoethane
Concen: 56.718 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

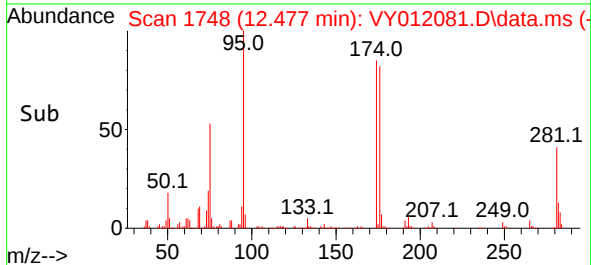
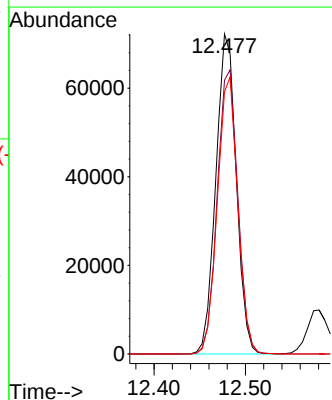
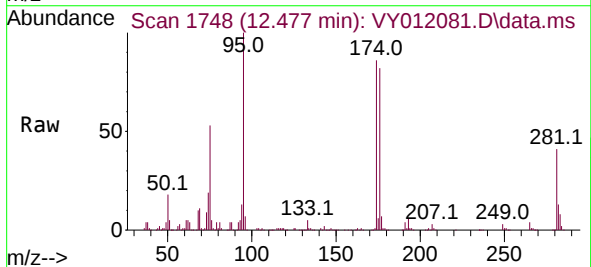
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

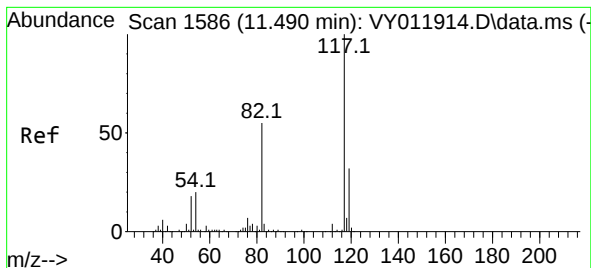
Tgt Ion:107 Resp: 71777
Ion Ratio Lower Upper
107 100
109 95.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 52.649 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 95 Resp: 112089
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.0
176 86.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

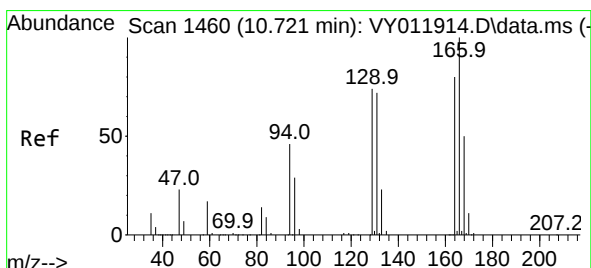
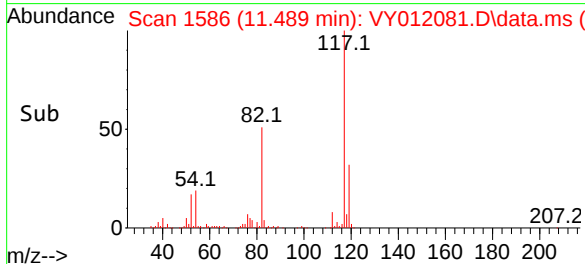
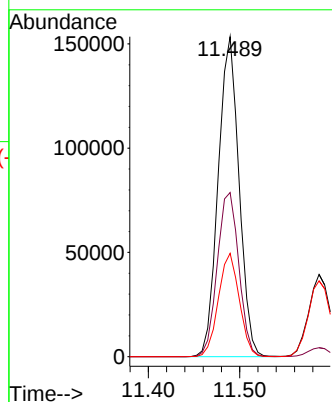
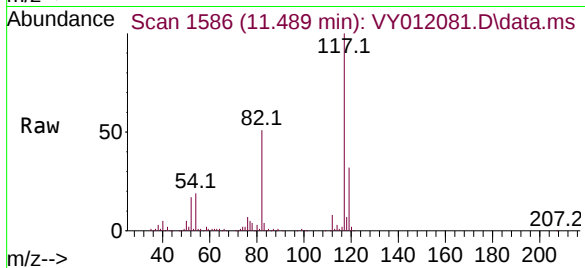
Tgt Ion:117 Resp: 243504

Ion Ratio Lower Upper

117 100

82 51.3 44.8 67.2

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 50.176 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Tgt Ion:164 Resp: 106945

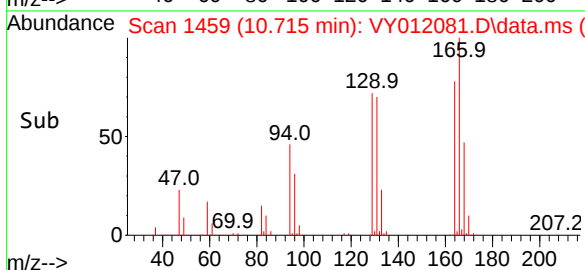
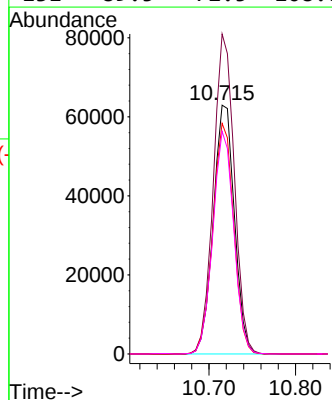
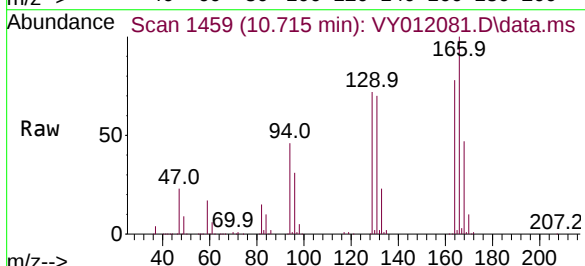
Ion Ratio Lower Upper

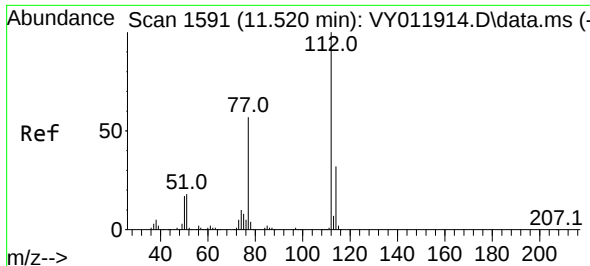
164 100

166 128.6 102.3 153.5

129 92.7 77.2 115.8

131 89.5 72.5 108.7

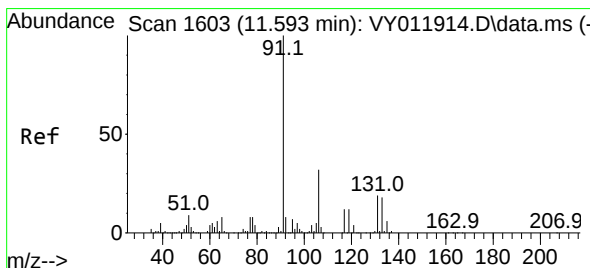
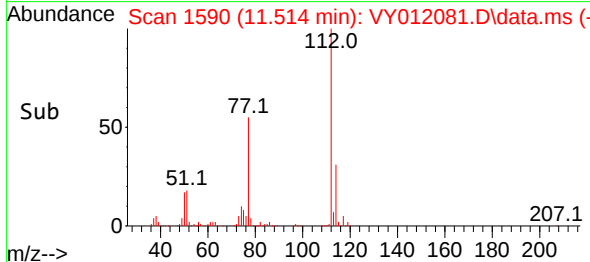
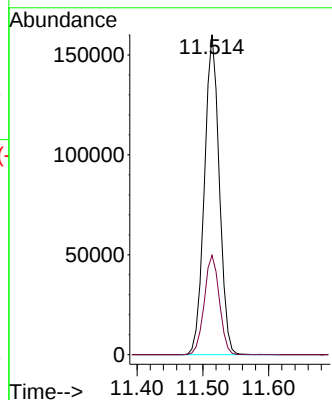
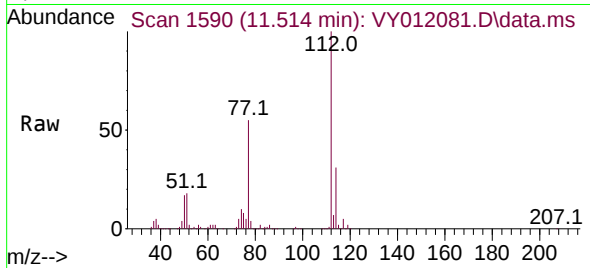




#65
Chlorobenzene
Concen: 49.811 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

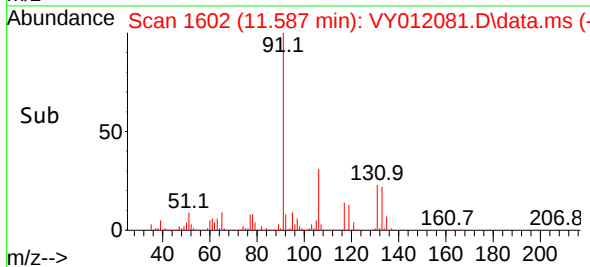
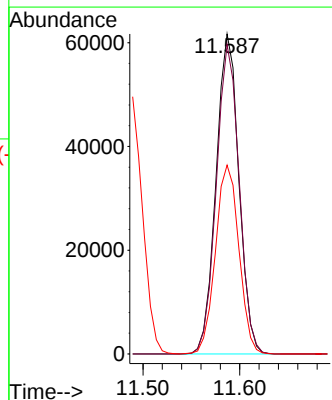
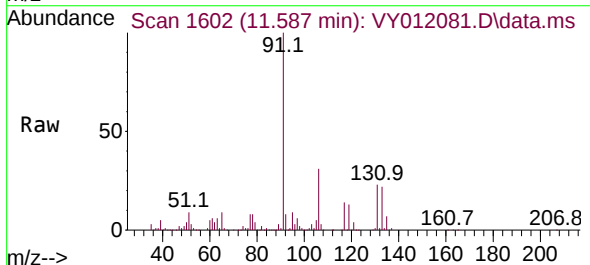
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

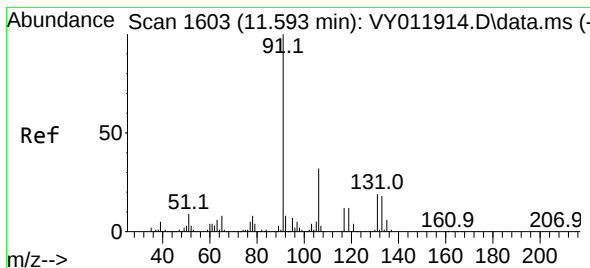
Tgt Ion:112 Resp: 251845
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.650 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion:131 Resp: 100923
Ion Ratio Lower Upper
131 100
133 96.9 47.3 142.0
119 60.7 32.1 96.3





#67

Ethyl Benzene

Concen: 48.858 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

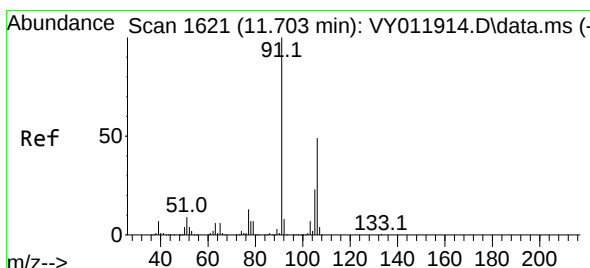
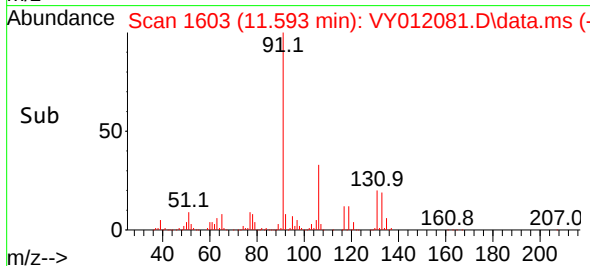
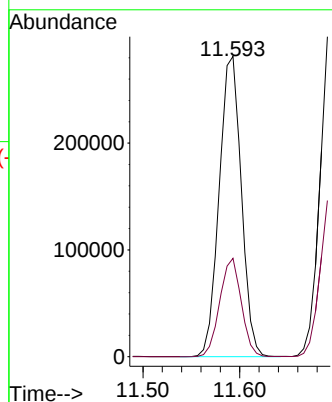
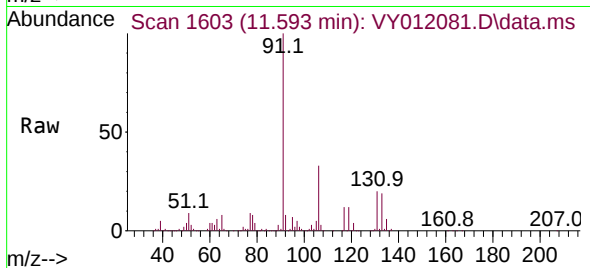
VSTDCCC050EC

Tgt Ion: 91 Resp: 446526

Ion Ratio Lower Upper

91 100

106 32.8 25.0 37.4



#68

m/p-Xylenes

Concen: 99.503 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY012081.D

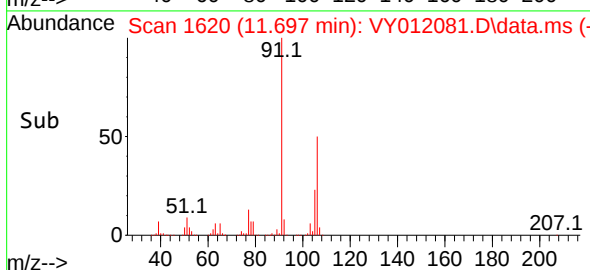
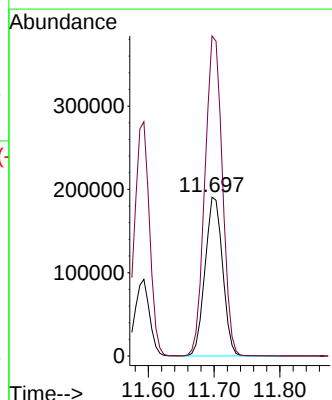
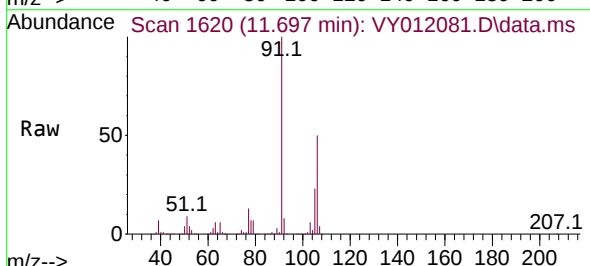
Acq: 05 Jan 2023 17:37

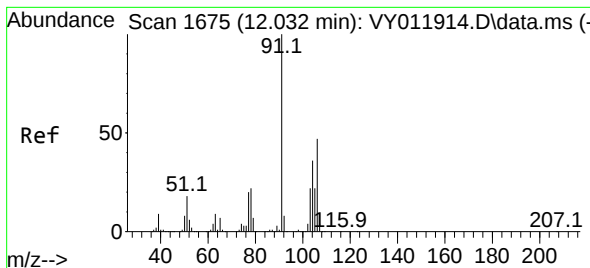
Tgt Ion:106 Resp: 353664

Ion Ratio Lower Upper

106 100

91 200.5 162.5 243.7





#69

o-Xylene

Concen: 51.611 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

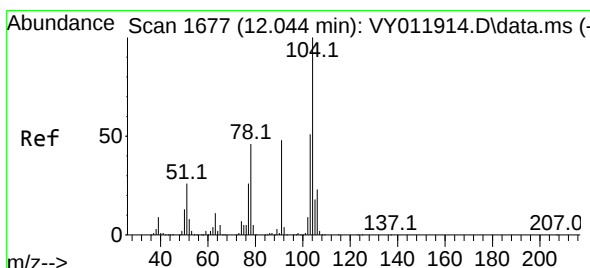
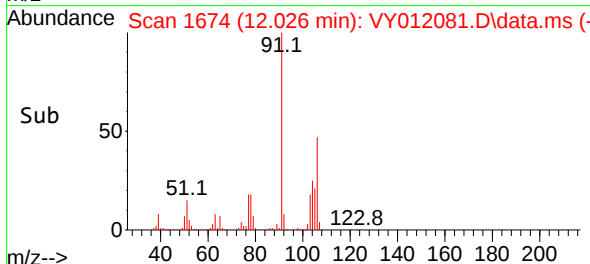
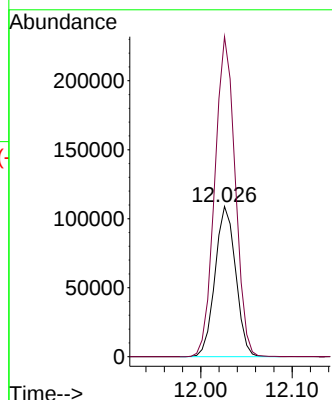
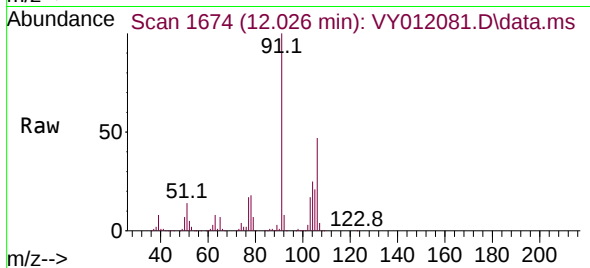
VSTDCCC050EC

Tgt Ion:106 Resp: 170683

Ion Ratio Lower Upper

106 100

91 211.0 107.5 322.4



#70

Styrene

Concen: 53.145 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

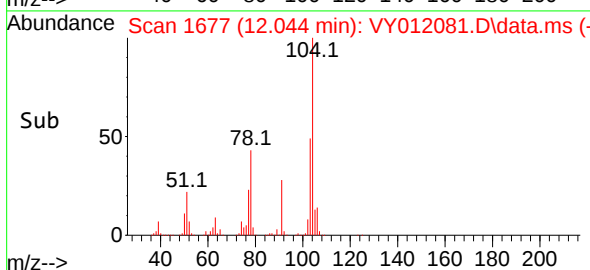
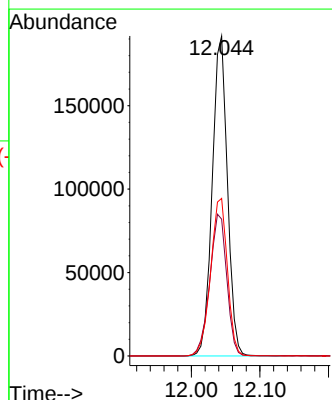
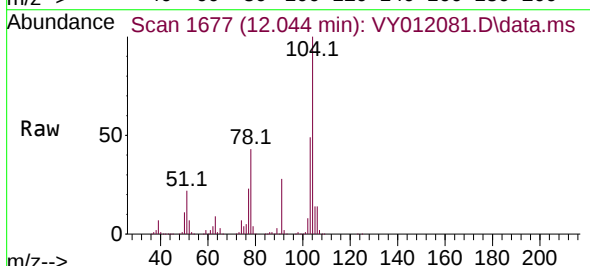
Tgt Ion:104 Resp: 295107

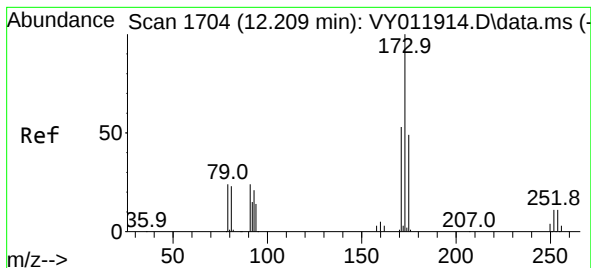
Ion Ratio Lower Upper

104 100

78 49.6 39.4 59.0

103 54.5 43.0 64.4





#71

Bromoform

Concen: 61.598 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

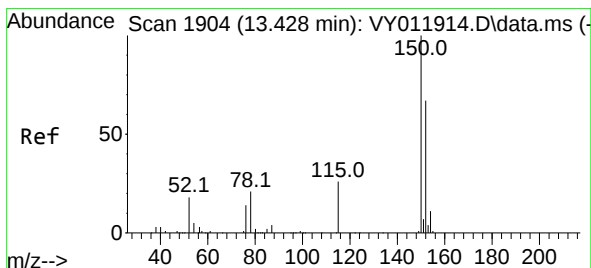
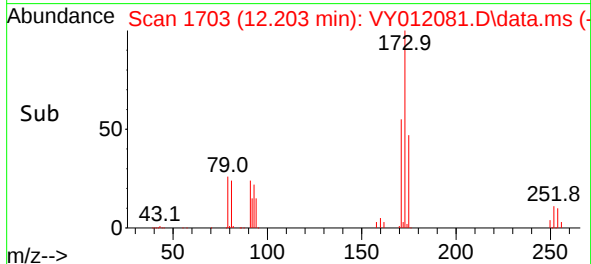
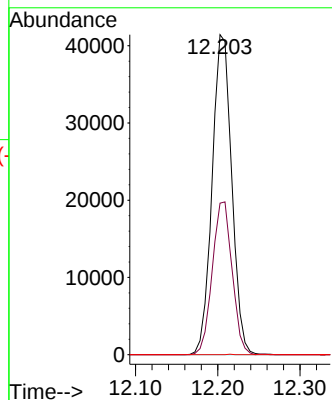
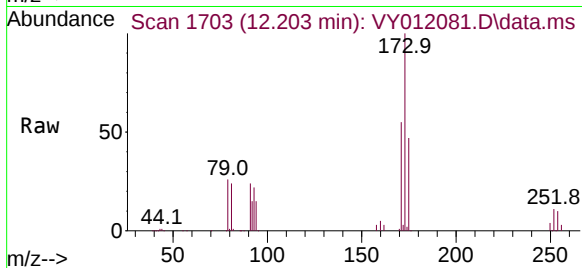
Tgt Ion:173 Resp: 68662

Ion Ratio Lower Upper

173 100

175 48.3 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

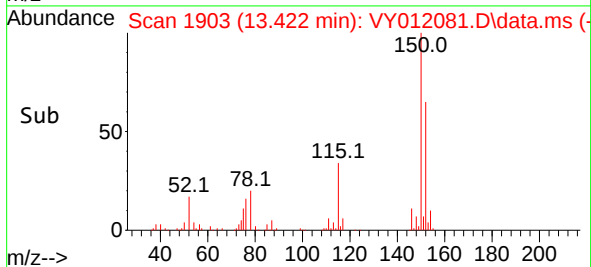
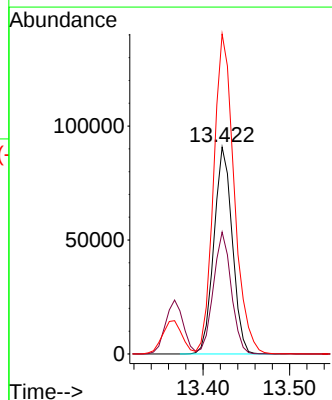
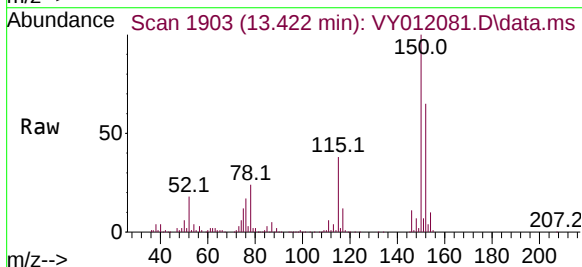
Tgt Ion:152 Resp: 133773

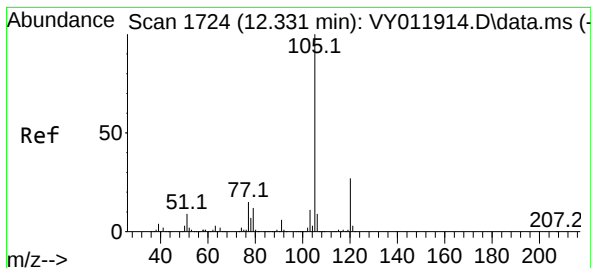
Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 172.8 0.0 342.6





#73

Isopropylbenzene

Concen: 45.942 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

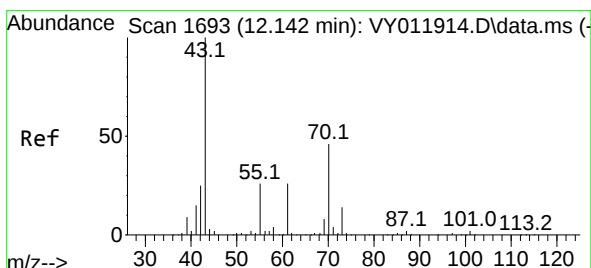
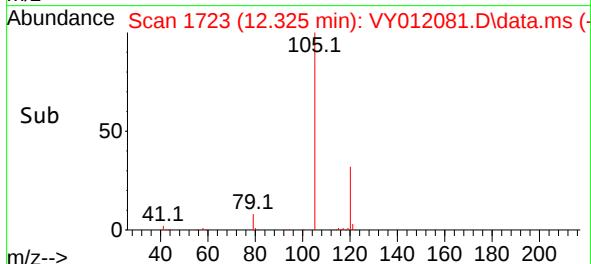
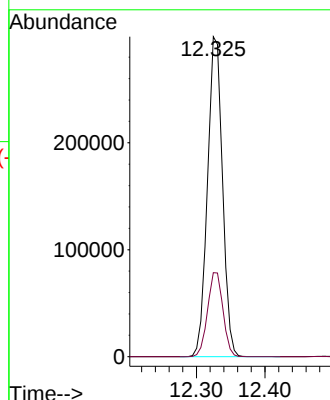
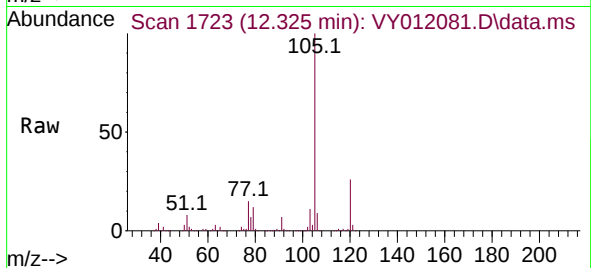
VSTDCCC050EC

Tgt Ion:105 Resp: 456058

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-ethyl acetate

Concen: 53.153 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Tgt Ion: 43 Resp: 108172

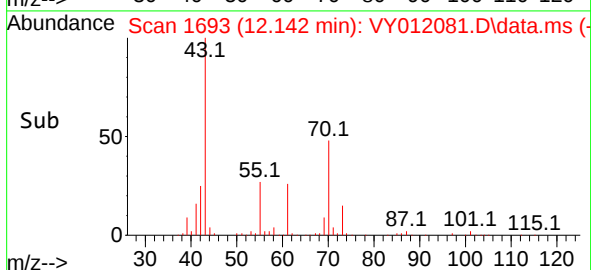
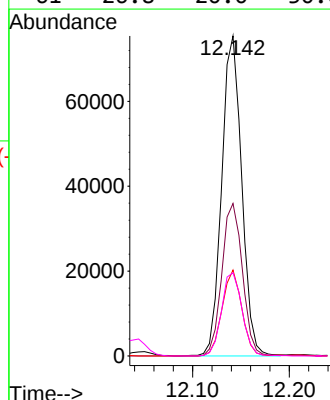
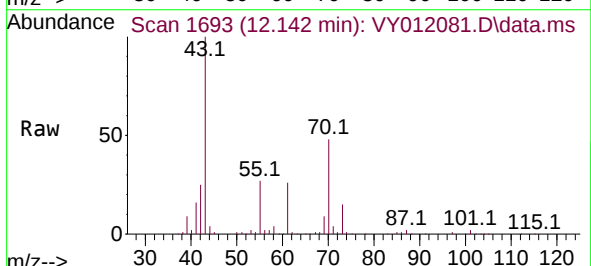
Ion Ratio Lower Upper

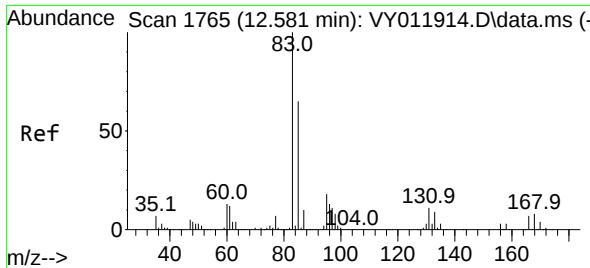
43 100

70 49.2 35.8 53.8

55 26.6 21.0 31.4

61 26.8 20.0 30.0

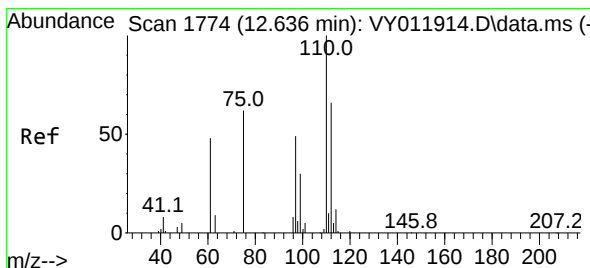
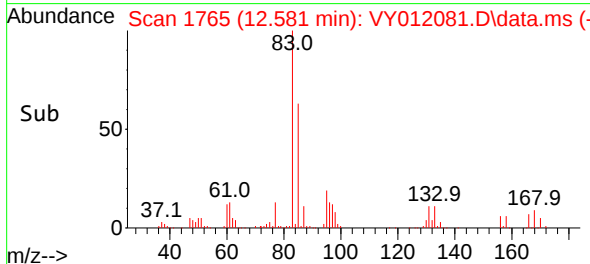
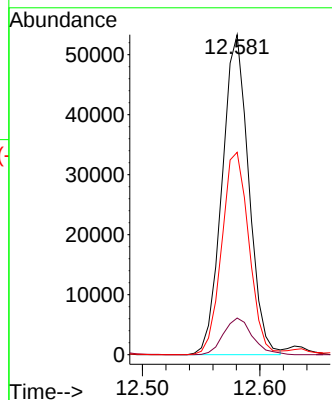
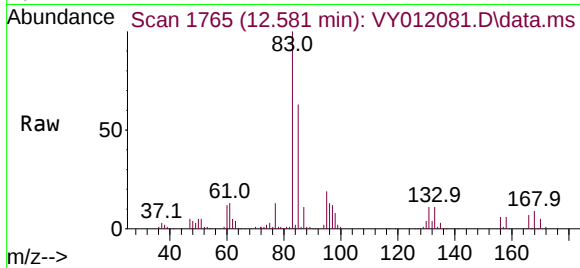




#75
1,1,2,2-Tetrachloroethane
Concen: 50.755 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

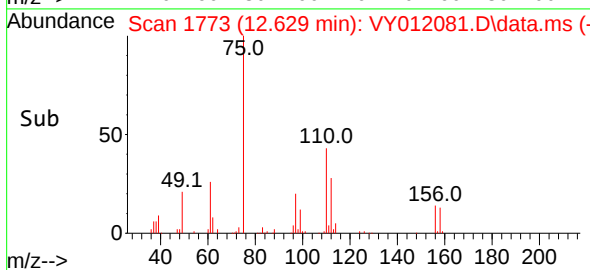
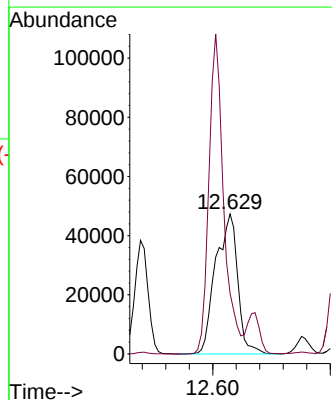
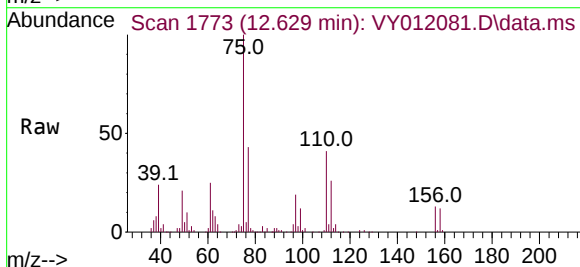
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

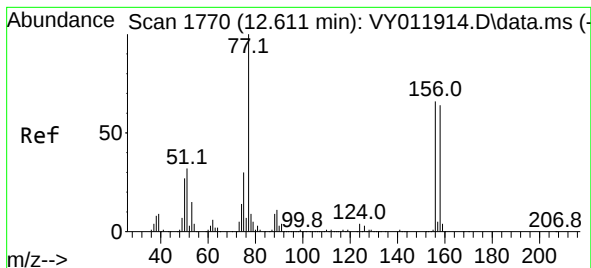
Tgt Ion: 83 Resp: 84052
Ion Ratio Lower Upper
83 100
131 12.4 5.6 16.8
85 64.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 74.121 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 75 Resp: 123380
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.074 ug/l

RT: 12.605 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

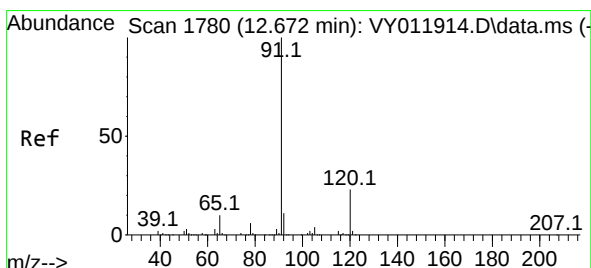
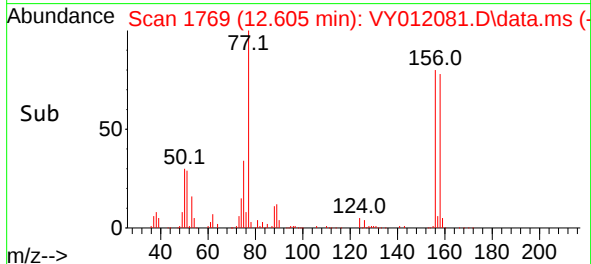
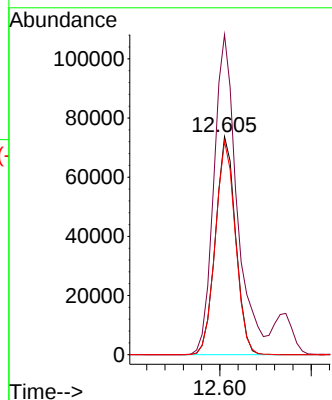
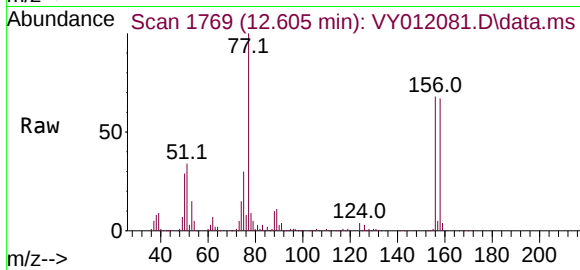
Tgt Ion:156 Resp: 112701

Ion Ratio Lower Upper

156 100

77 167.5 90.0 270.0

158 97.9 48.4 145.2



#78

n-propylbenzene

Concen: 44.536 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY012081.D

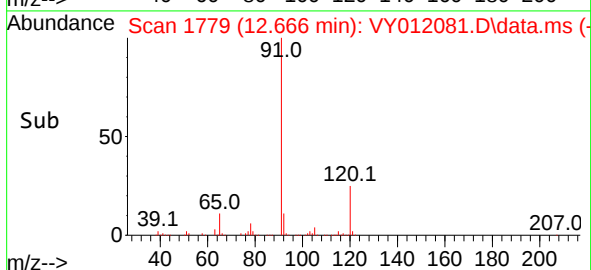
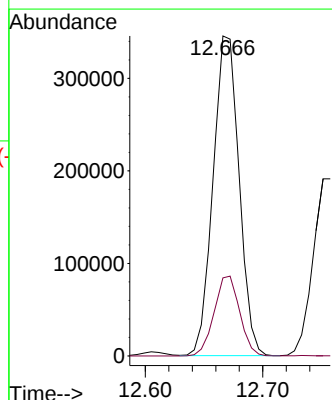
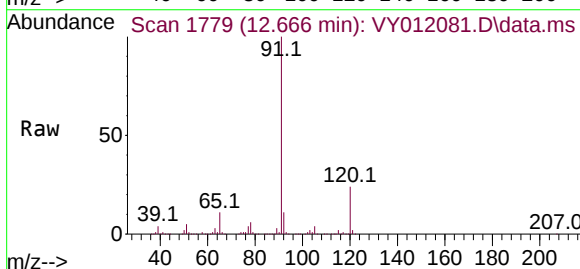
Acq: 05 Jan 2023 17:37

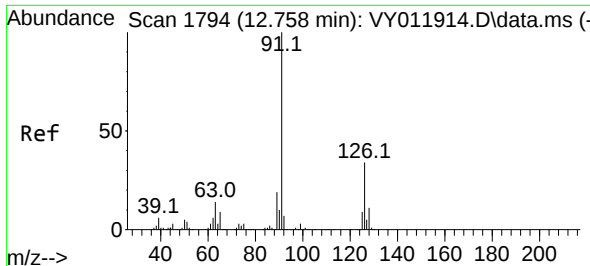
Tgt Ion: 91 Resp: 531412

Ion Ratio Lower Upper

91 100

120 24.5 11.8 35.4

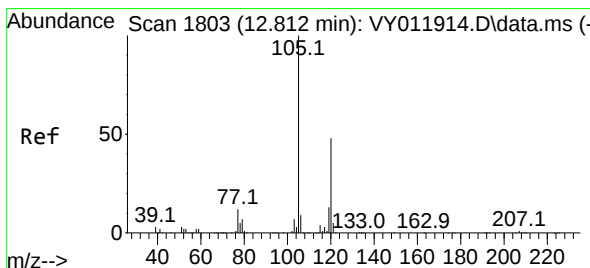
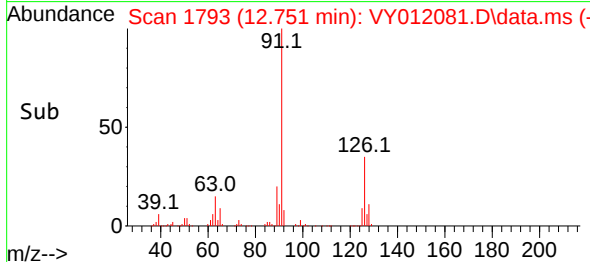
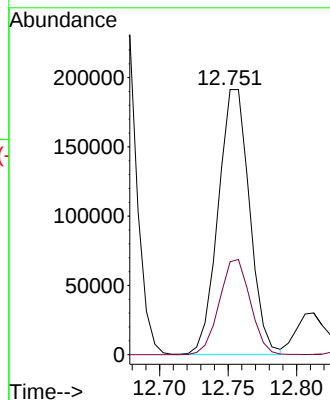
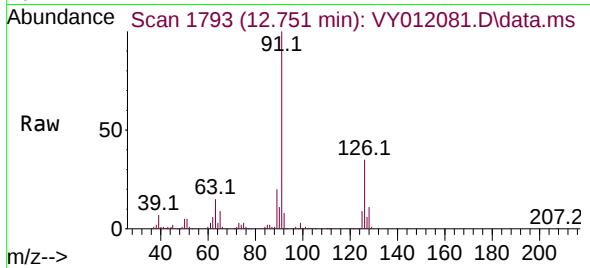




#79
2-Chlorotoluene
Concen: 45.501 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

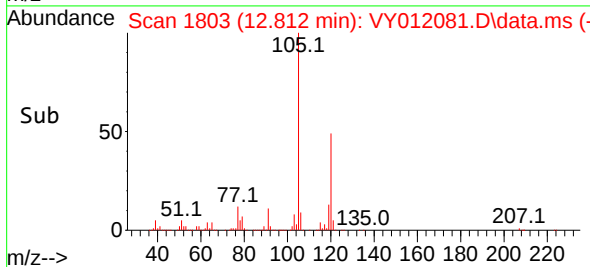
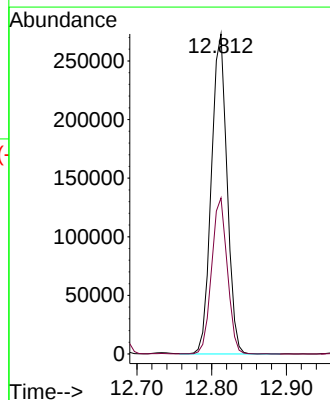
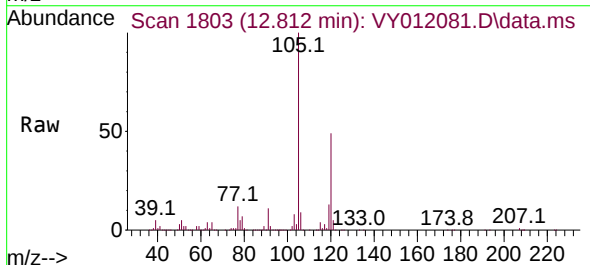
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

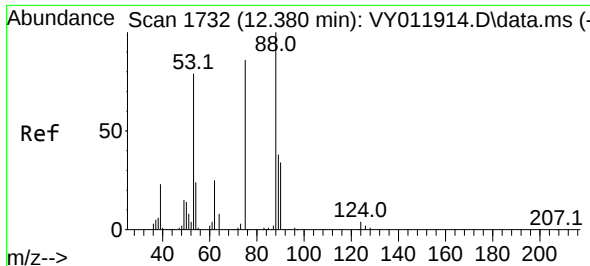
Tgt Ion: 91 Resp: 305184
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 46.903 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion:105 Resp: 398628
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

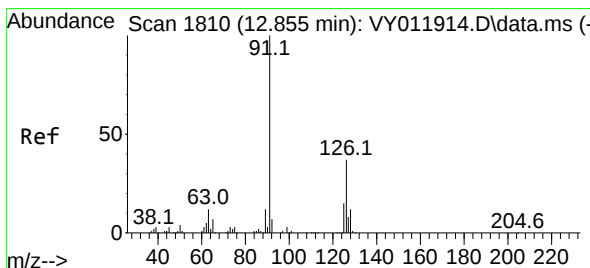
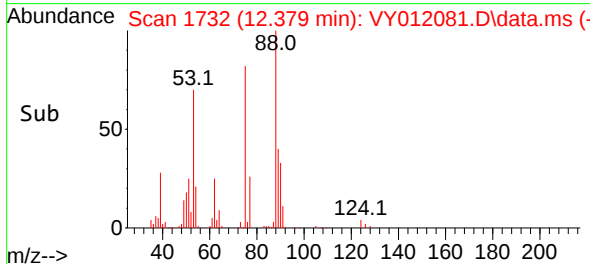
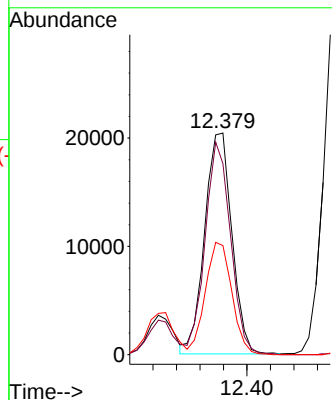
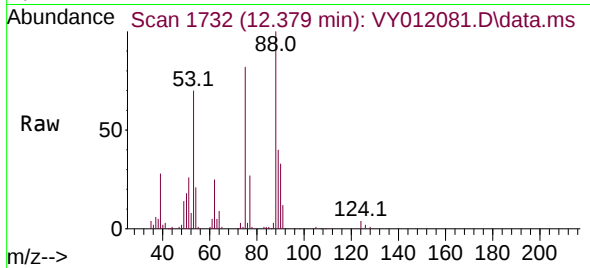




#81
trans-1,4-Dichloro-2-butene
Concen: 53.927 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

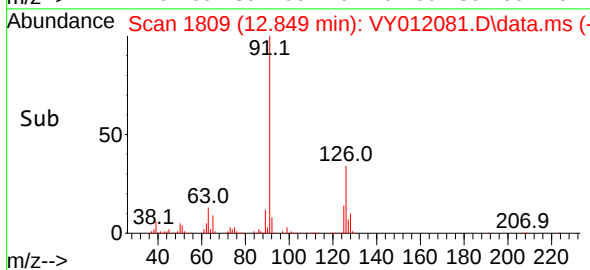
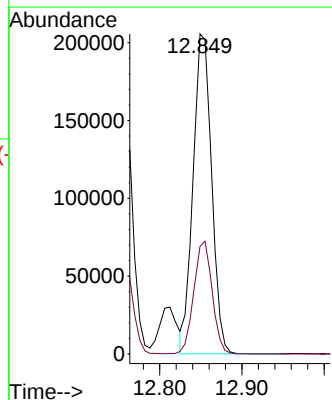
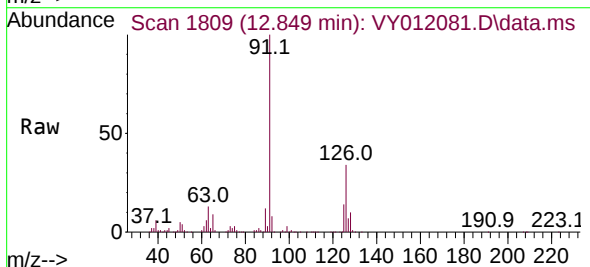
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

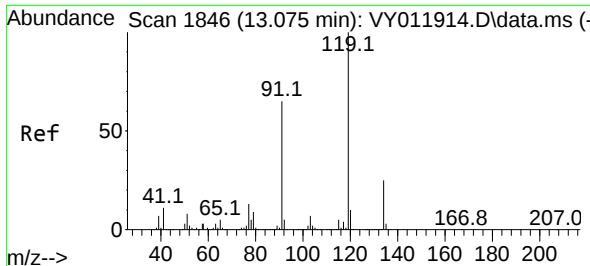
Tgt Ion: 75 Resp: 32779
Ion Ratio Lower Upper
75 100
53 89.6 72.5 108.7
89 49.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.321 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion: 91 Resp: 321457
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2

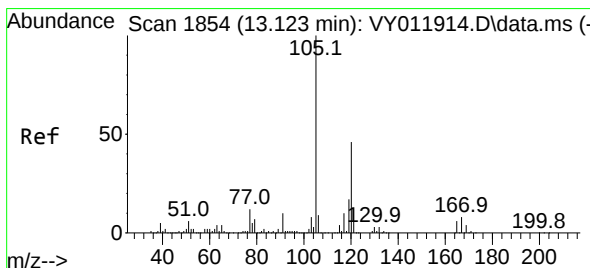
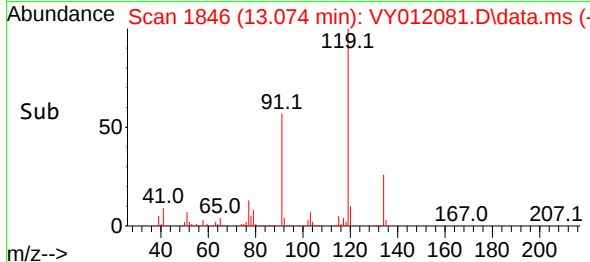
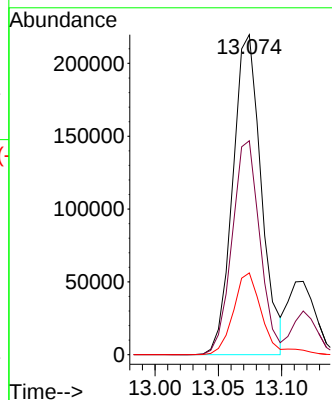
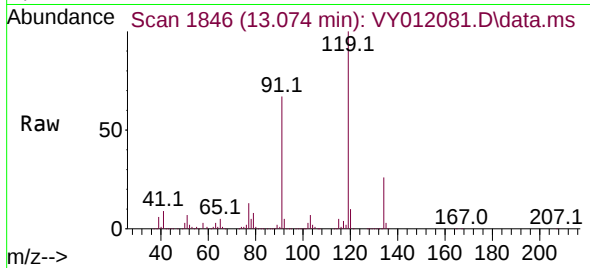




#83
tert-Butylbenzene
Concen: 47.889 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

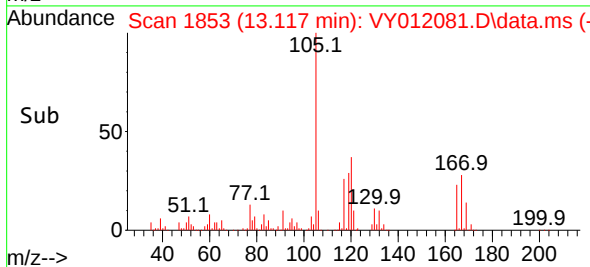
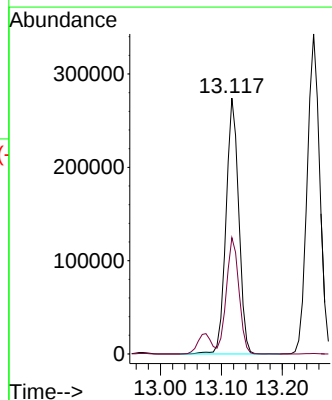
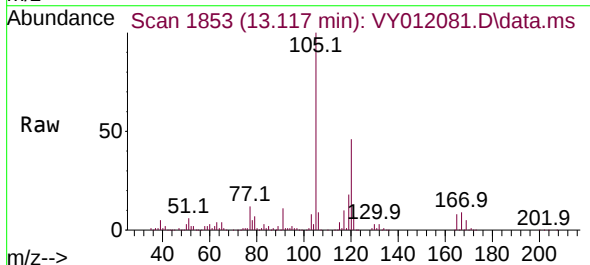
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

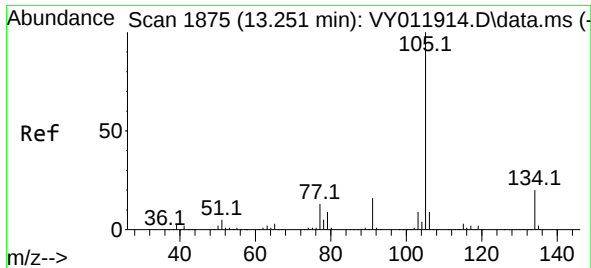
Tgt Ion:119 Resp: 344942
Ion Ratio Lower Upper
119 100
91 65.3 32.3 96.8
134 26.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 47.521 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion:105 Resp: 397332
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7

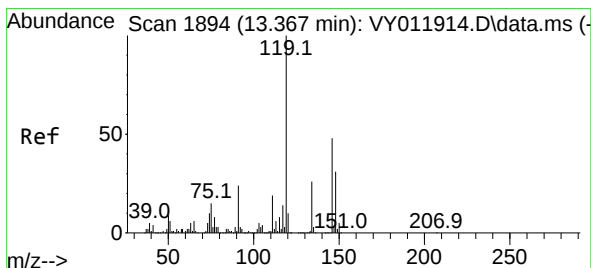
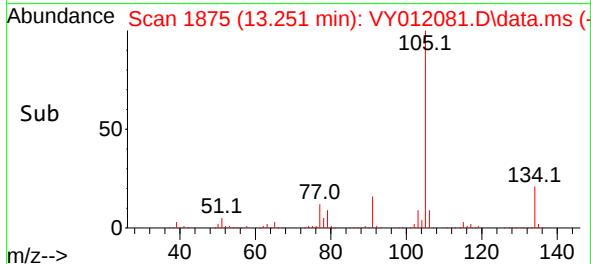
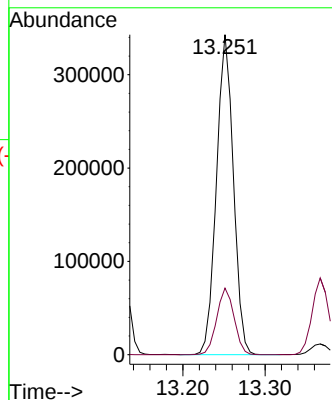
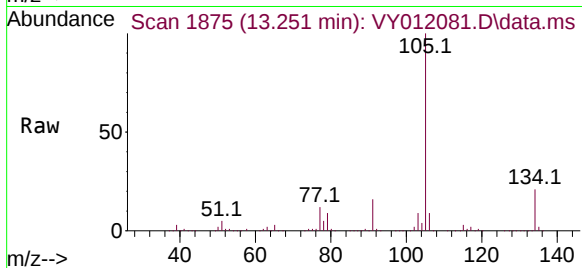




#85
 sec-Butylbenzene
 Concen: 45.589 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012081.D
 Acq: 05 Jan 2023 17:37

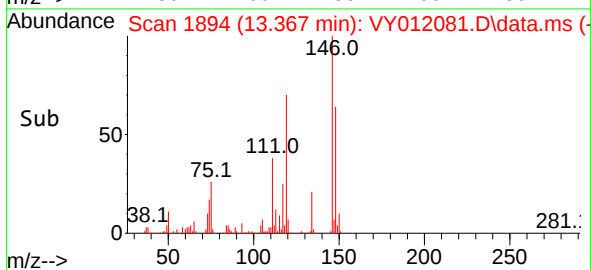
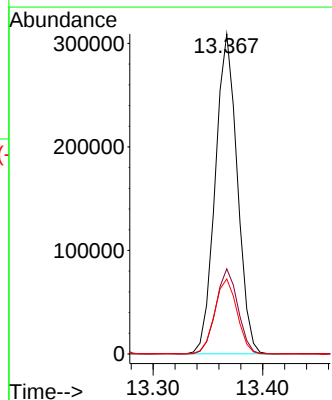
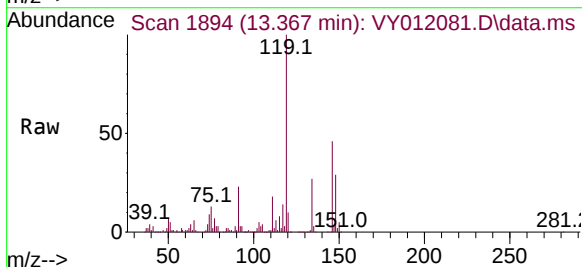
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

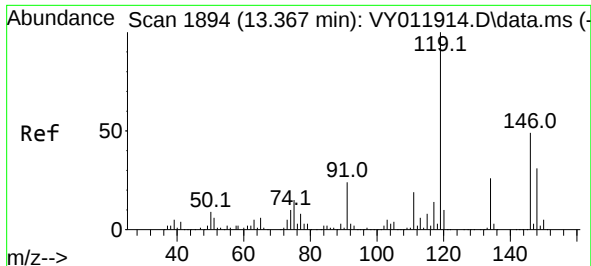
Tgt Ion:105 Resp: 490337
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 47.539 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012081.D
 Acq: 05 Jan 2023 17:37

Tgt Ion:119 Resp: 431439
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.577 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

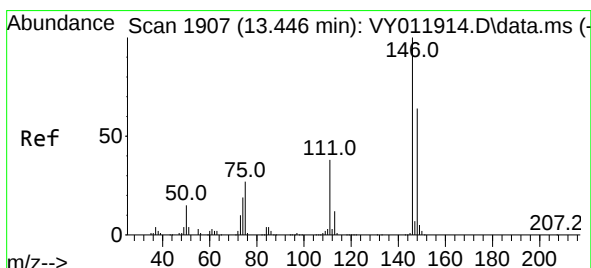
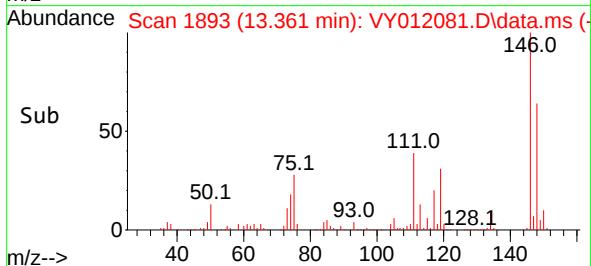
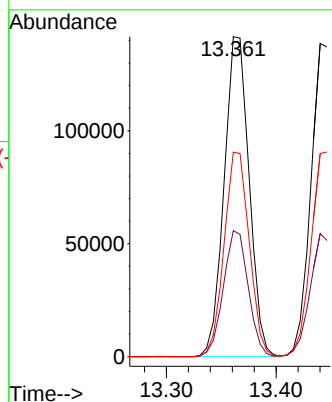
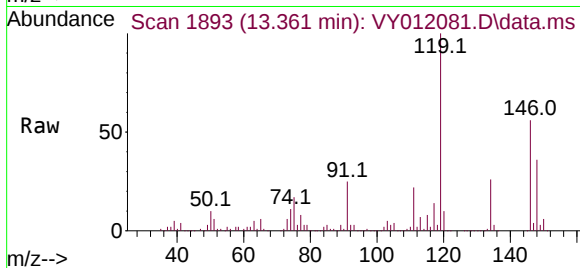
Tgt Ion:146 Resp: 224361

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

148 64.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.915 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

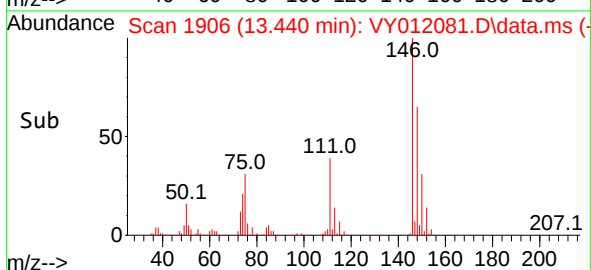
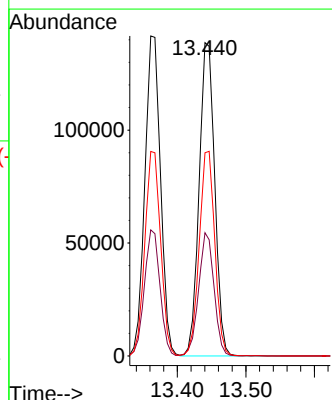
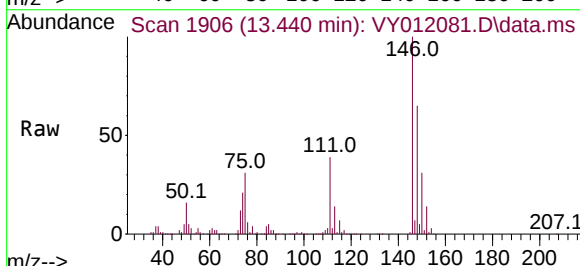
Tgt Ion:146 Resp: 220005

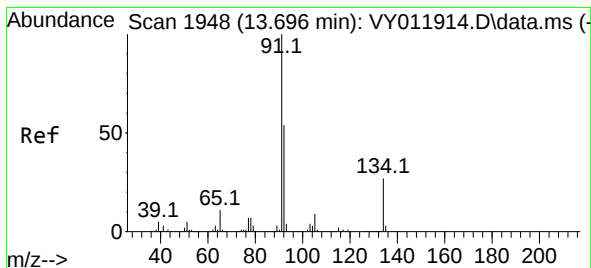
Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.7

148 65.0 31.9 95.7





#89

n-Butylbenzene

Concen: 46.087 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

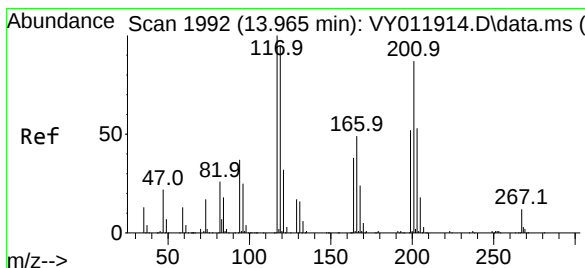
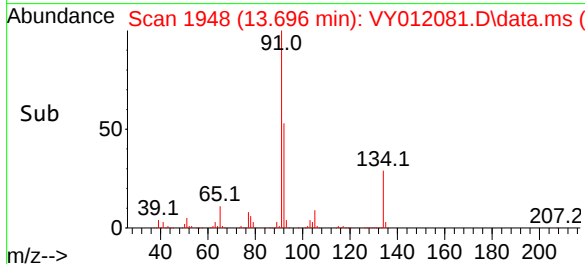
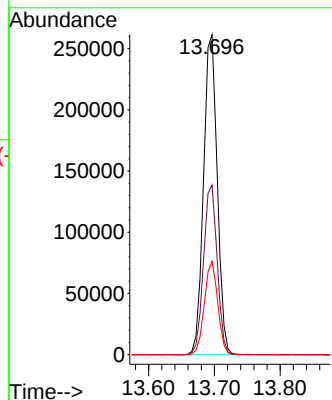
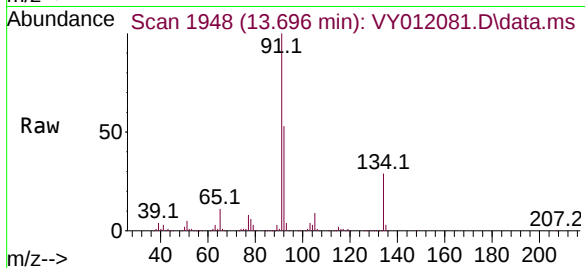
Tgt Ion: 91 Resp: 378633

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.4

134 28.4 13.3 39.8



#90

Hexachloroethane

Concen: 46.051 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012081.D

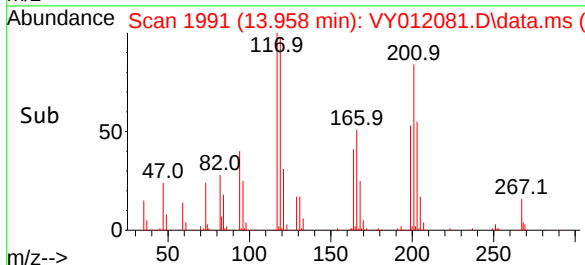
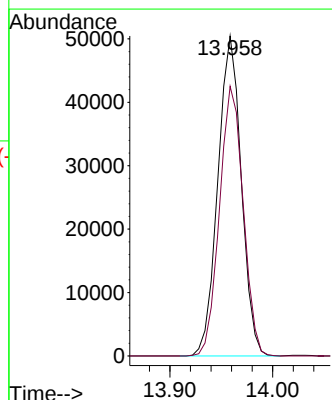
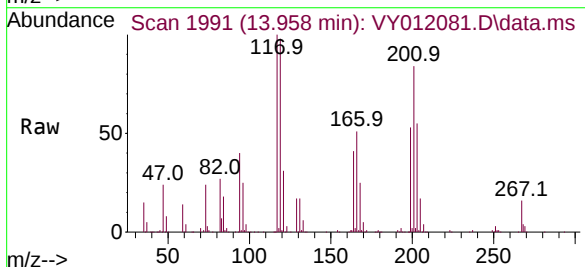
Acq: 05 Jan 2023 17:37

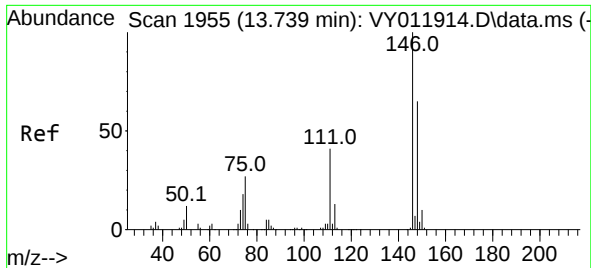
Tgt Ion: 117 Resp: 79744

Ion Ratio Lower Upper

117 100

201 85.1 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 50.894 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

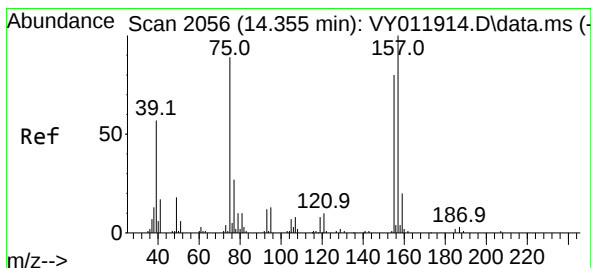
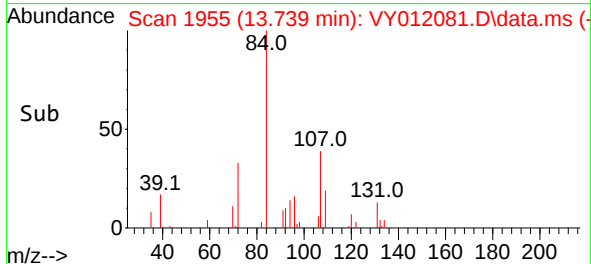
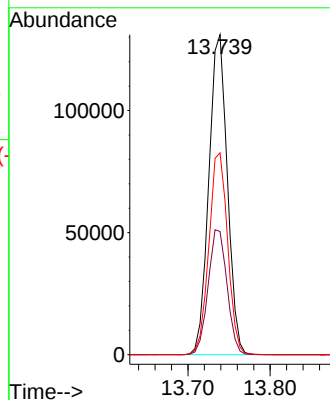
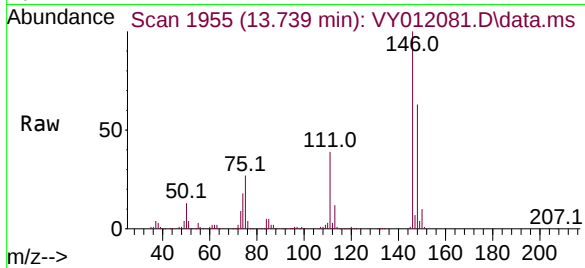
Tgt Ion:146 Resp: 204928

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.8

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.753 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

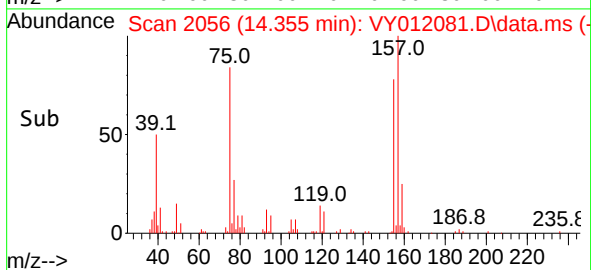
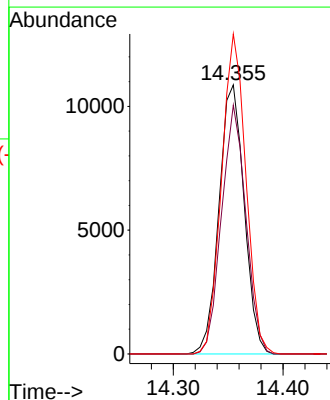
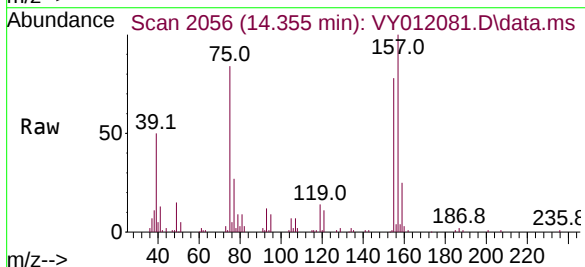
Tgt Ion: 75 Resp: 17290

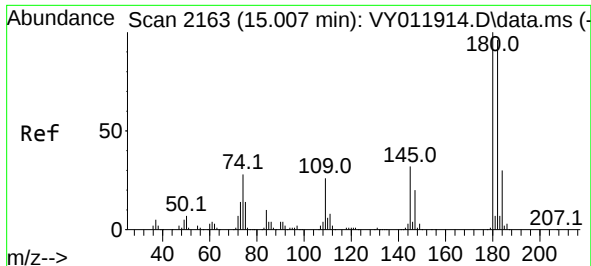
Ion Ratio Lower Upper

75 100

155 89.3 42.3 126.8

157 115.0 54.4 163.3

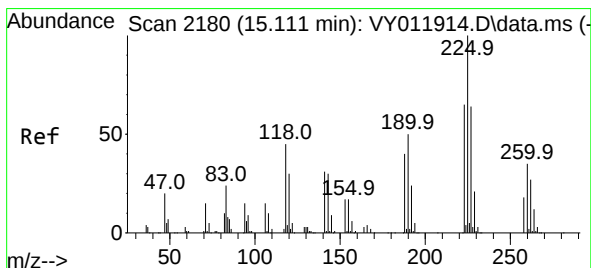
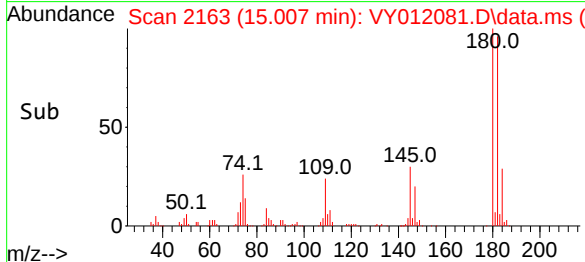
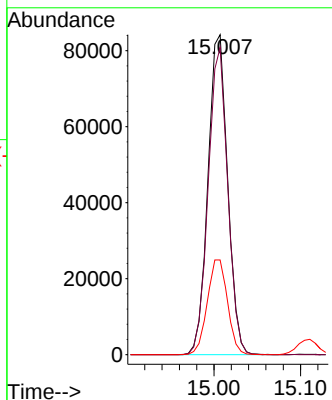
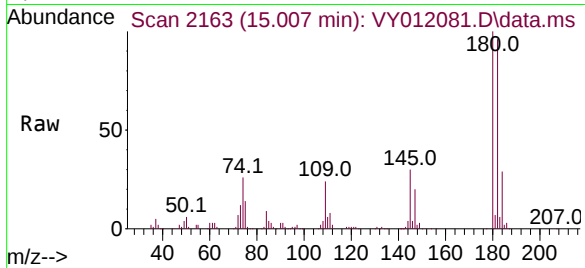




#93
1,2,4-Trichlorobenzene
Concen: 56.159 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

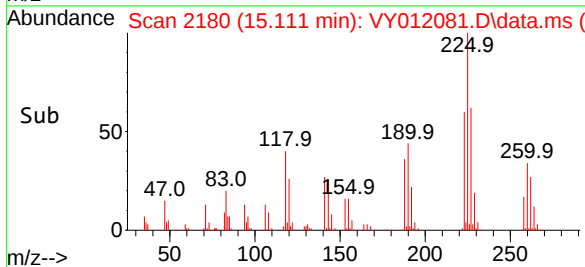
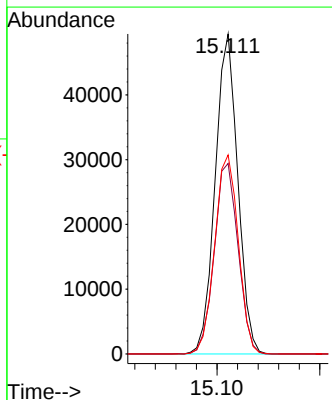
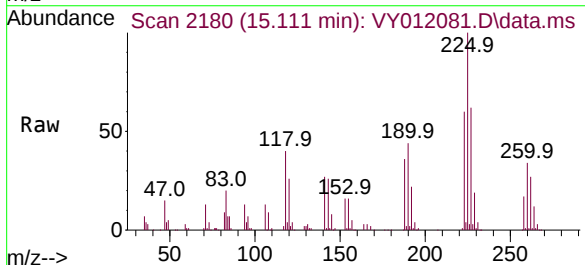
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

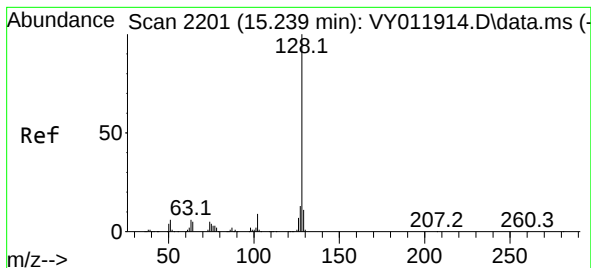
Tgt Ion:180 Resp: 133020
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.3
145 30.5 15.4 46.4



#94
Hexachlorobutadiene
Concen: 49.178 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012081.D
Acq: 05 Jan 2023 17:37

Tgt Ion:225 Resp: 75267
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.2
227 65.0 32.6 97.8





#95

Naphthalene

Concen: 57.155 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

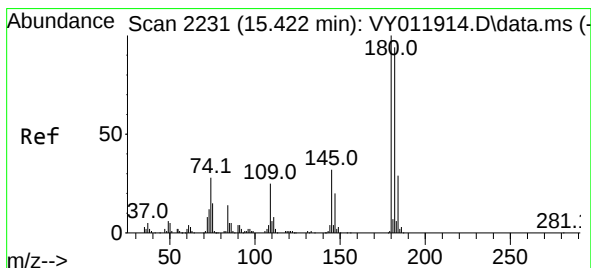
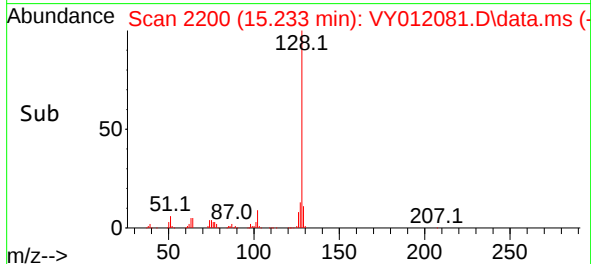
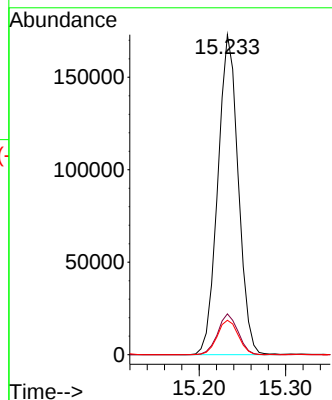
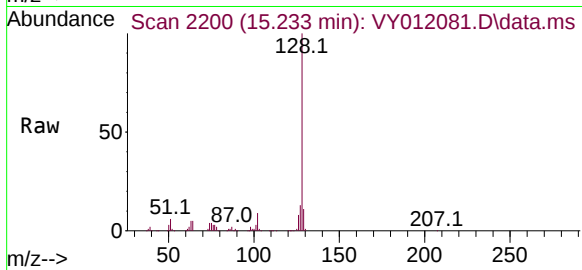
Tgt Ion:128 Resp: 283656

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 58.171 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012081.D

Acq: 05 Jan 2023 17:37

Tgt Ion:180 Resp: 116493

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 32.4 16.1 48.2

