

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012128.D
 Acq On : 09 Jan 2023 22:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 10 01:52:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	217786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114723	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86700	52.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.860%	
35) Dibromofluoromethane	7.716	113	76357	51.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.420%	
50) Toluene-d8	10.179	98	288314	48.993	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.483	95	106822	51.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	54904	46.692	ug/l	100
3) Chloromethane	2.113	50	52110	48.644	ug/l	99
4) Vinyl Chloride	2.253	62	61202	42.794	ug/l	99
5) Bromomethane	2.650	94	48519	52.002	ug/l	99
6) Chloroethane	2.796	64	43665	46.083	ug/l	97
7) Trichlorofluoromethane	3.125	101	131023	45.987	ug/l	99
8) Diethyl Ether	3.527	74	43988	50.427	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	68848	46.933	ug/l	95
10) Methyl Iodide	4.094	142	91403	45.962	ug/l	94
11) Tert butyl alcohol	4.954	59	46839	241.503	ug/l	98
12) 1,1-Dichloroethene	3.875	96	66116	45.972	ug/l	95
13) Acrolein	3.729	56	17898	203.717	ug/l	100
14) Allyl chloride	4.485	41	88226	45.507	ug/l #	83
15) Acrylonitrile	5.161	53	106443	259.717	ug/l	99
16) Acetone	3.948	43	104344	268.263	ug/l	98
17) Carbon Disulfide	4.198	76	165386	47.454	ug/l	99
18) Methyl Acetate	4.472	43	55146	49.287	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	229595	54.239	ug/l	97
20) Methylene Chloride	4.716	84	98467	61.207	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	78734	49.475	ug/l	90
22) Diisopropyl ether	6.119	45	214284	53.729	ug/l #	95
23) Vinyl Acetate	6.058	43	638757	264.670	ug/l	95
24) 1,1-Dichloroethane	6.015	63	136533	51.466	ug/l	97
25) 2-Butanone	6.984	43	130929	255.133	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	135577	47.373	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	95611	52.602	ug/l	95
28) Bromochloromethane	7.338	49	34342	51.205	ug/l #	79
29) Tetrahydrofuran	7.344	42	77909	260.087	ug/l	87
30) Chloroform	7.508	83	164395	54.364	ug/l	99
31) Cyclohexane	7.783	56	99973	47.711	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	152197	51.818	ug/l	98
36) 1,1-Dichloropropene	7.917	75	105256	46.533	ug/l	97
37) Ethyl Acetate	7.076	43	56343	46.520	ug/l #	97
38) Carbon Tetrachloride	7.899	117	141200	49.181	ug/l	99
39) Methylcyclohexane	9.185	83	121725	45.048	ug/l	95
40) Benzene	8.161	78	323536	49.084	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	42013	63.780	ug/l	# 100
42) 1,2-Dichloroethane	8.234	62	110910	53.148	ug/l	98
43) Isopropyl Acetate	8.271	43	103792	51.136	ug/l	95
44) Trichloroethene	8.941	130	96112	49.938	ug/l	96
45) 1,2-Dichloropropane	9.216	63	75834	51.636	ug/l	99
46) Dibromomethane	9.301	93	49256	53.276	ug/l	97
47) Bromodichloromethane	9.496	83	127506	54.239	ug/l	98
48) Methyl methacrylate	9.295	41	47850	52.629	ug/l	91
49) 1,4-Dioxane	9.295	88	13533	1057.042	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	277954	257.361	ug/l	97
52) Toluene	10.246	92	219623	50.338	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	129130	52.802	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	137164	51.844	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	72915	54.605	ug/l	96
56) Ethyl methacrylate	10.508	69	93555	53.483	ug/l	94
57) 1,3-Dichloropropane	10.788	76	116473	52.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	151650	237.018	ug/l	91
59) 2-Hexanone	10.831	43	201001	265.044	ug/l	96
60) Dibromochloromethane	10.983	129	95984	54.516	ug/l	99
61) 1,2-Dibromoethane	11.087	107	66496	52.030	ug/l	99
64) Tetrachloroethene	10.721	164	106117	49.739	ug/l	97
65) Chlorobenzene	11.514	112	243394	48.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	98564	51.327	ug/l	97
67) Ethyl Benzene	11.593	91	432563	48.655	ug/l	99
68) m/p-Xylenes	11.703	106	339820	97.455	ug/l	100
69) o-Xylene	12.032	106	165952	49.984	ug/l	97
70) Styrene	12.044	104	284242	50.400	ug/l	98
71) Bromoform	12.209	173	62817	51.484	ug/l	# 99
73) Isopropylbenzene	12.331	105	440608	48.537	ug/l	99
74) N-amyl acetate	12.142	43	91458	48.802	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	75514	49.452	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	109052	83.252	ug/l	# 100
77) Bromobenzene	12.611	156	107208	49.517	ug/l	94
78) n-propylbenzene	12.672	91	511503	48.268	ug/l	99
79) 2-Chlorotoluene	12.758	91	291982	48.167	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	386160	49.597	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	27777	47.094	ug/l	96
82) 4-Chlorotoluene	12.855	91	303868	47.927	ug/l	97
83) tert-Butylbenzene	13.075	119	333094	48.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	387391	50.264	ug/l	99
85) sec-Butylbenzene	13.251	105	475923	48.537	ug/l	98
86) p-Isopropyltoluene	13.367	119	416337	49.010	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	211030	48.625	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	210674	48.594	ug/l	99
89) n-Butylbenzene	13.696	91	355555	48.299	ug/l	99
90) Hexachloroethane	13.959	117	76112	48.295	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	188381	48.722	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14492	47.750	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	116409	48.292	ug/l	99
94) Hexachlorobutadiene	15.111	225	69852	48.028	ug/l	99
95) Naphthalene	15.239	128	236113	49.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	101738	48.544	ug/l	99

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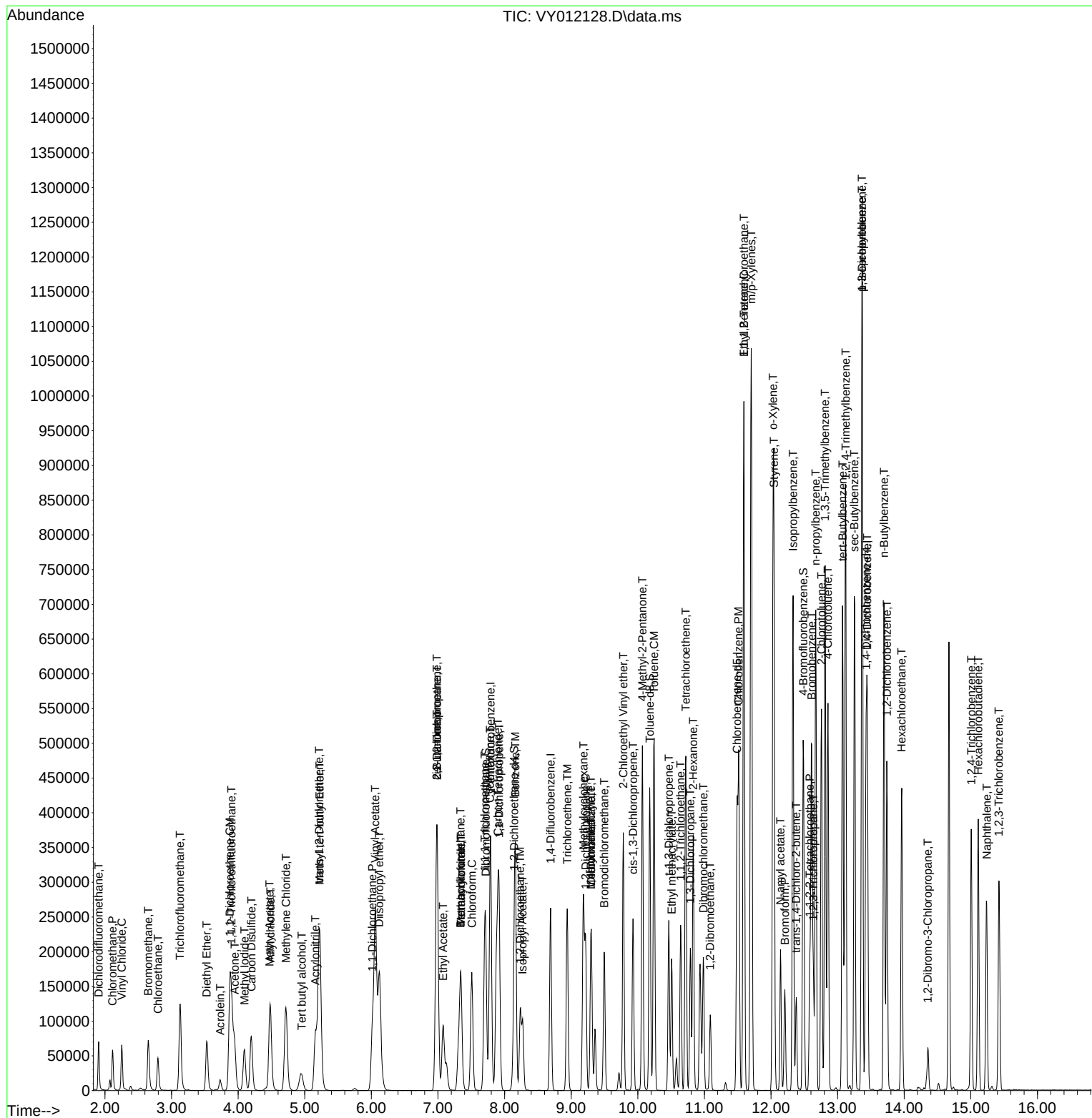
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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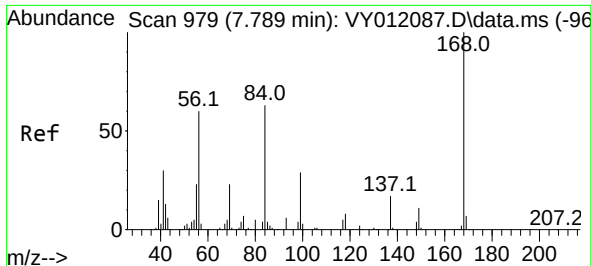
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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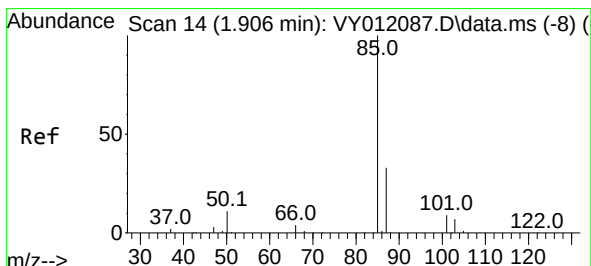
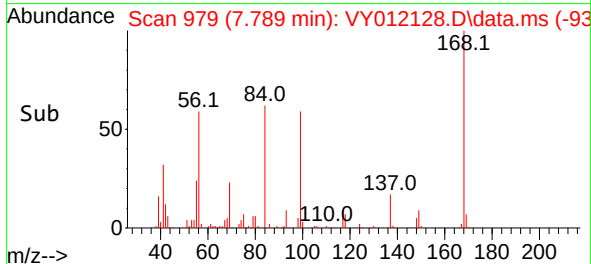
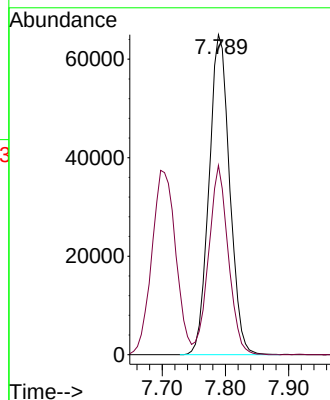
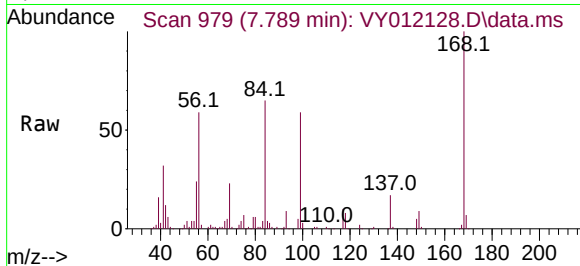




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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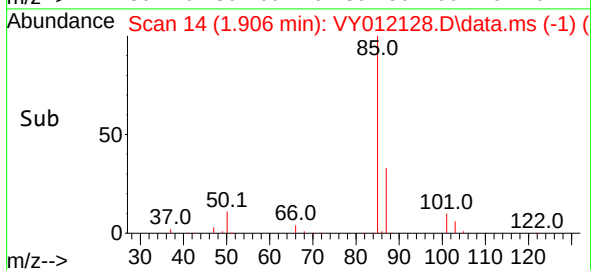
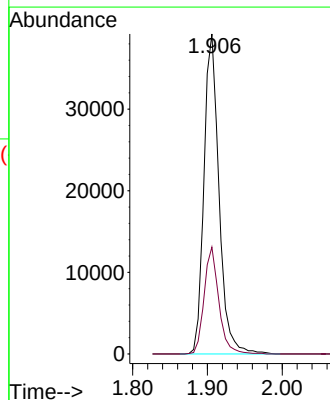
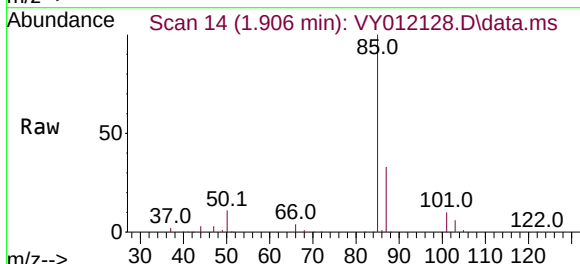
Instrument :
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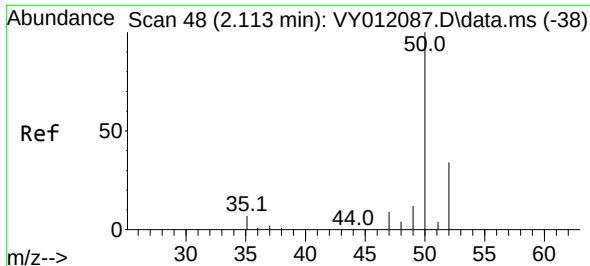
Tgt Ion:168 Resp: 147151
Ion Ratio Lower Upper
168 100
99 59.2 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 46.692 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 85 Resp: 54904
Ion Ratio Lower Upper
85 100
87 33.4 16.8 50.4

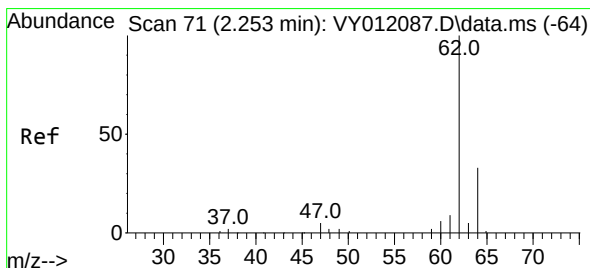
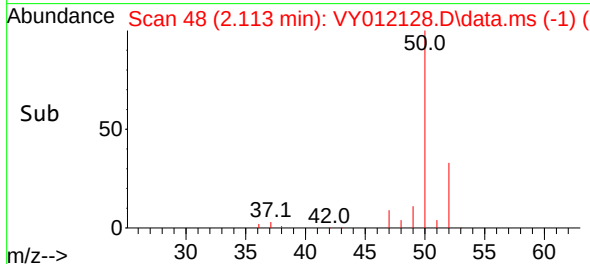
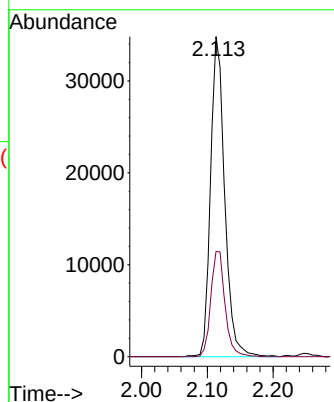
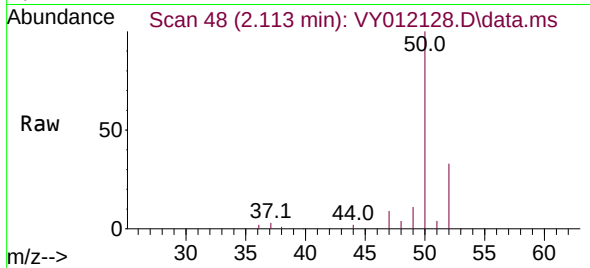




#3
Chloromethane
Concen: 48.644 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012128.D
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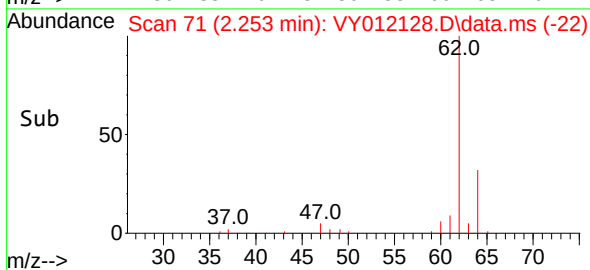
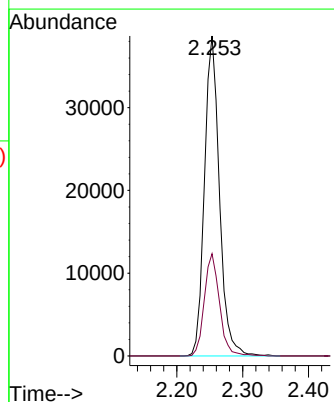
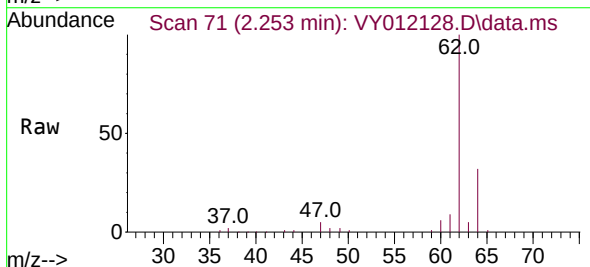
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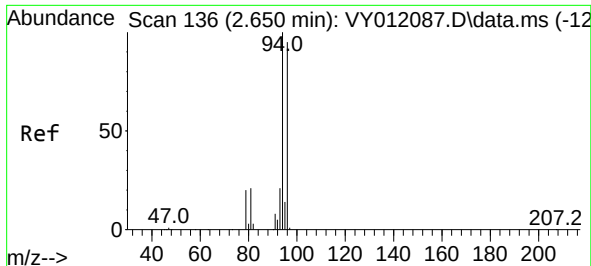
Tgt Ion: 50 Resp: 52110
Ion Ratio Lower Upper
50 100
52 32.9 26.8 40.2



#4
Vinyl Chloride
Concen: 42.794 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 62 Resp: 61202
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6

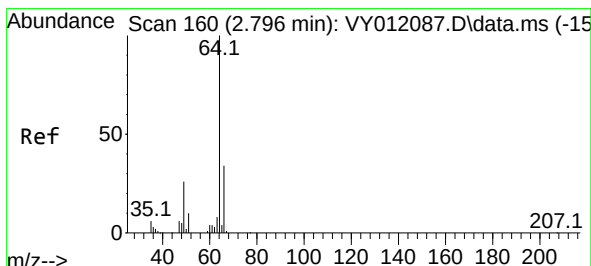
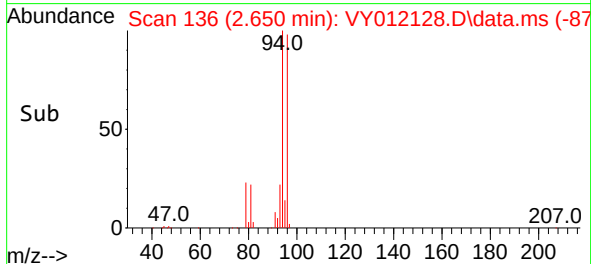
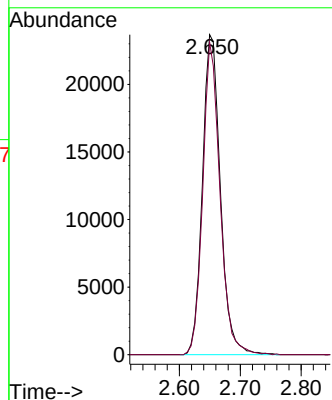
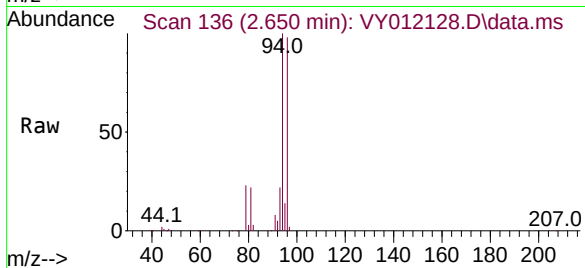




#5
Bromomethane
Concen: 52.002 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012128.D
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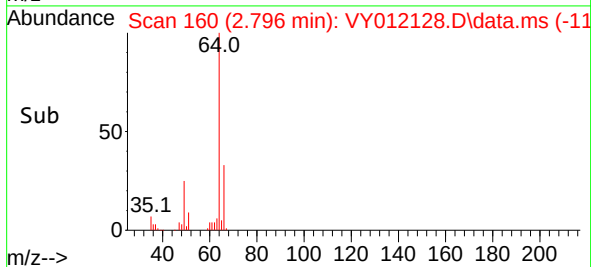
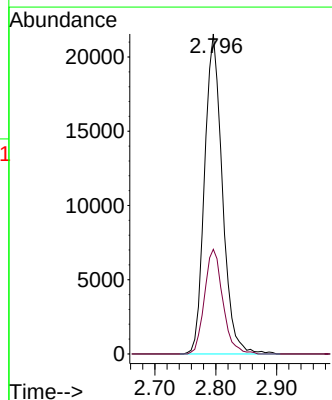
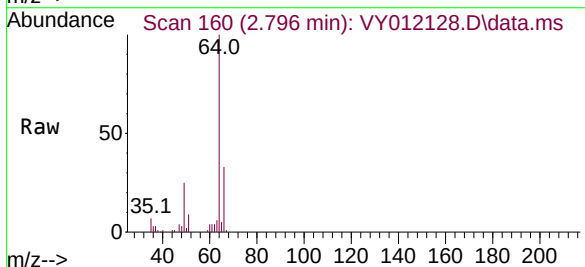
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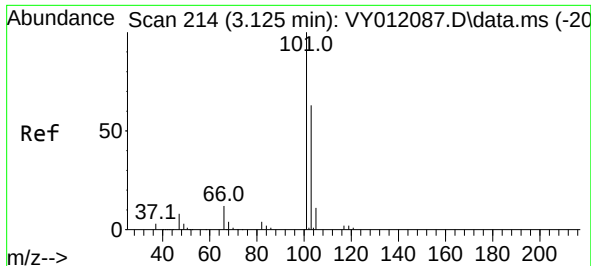
Tgt Ion: 94 Resp: 48519
Ion Ratio Lower Upper
94 100
96 97.5 77.4 116.2



#6
Chloroethane
Concen: 46.083 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012128.D
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Tgt Ion: 64 Resp: 43665
Ion Ratio Lower Upper
64 100
66 32.7 25.0 37.4

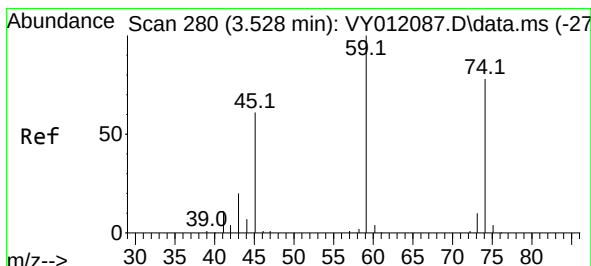
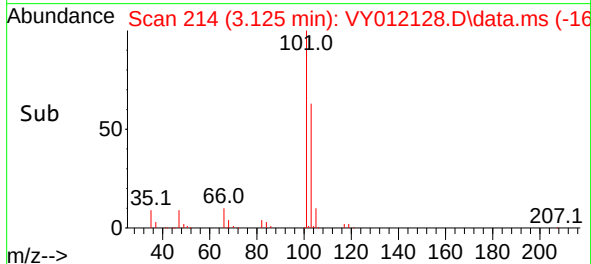
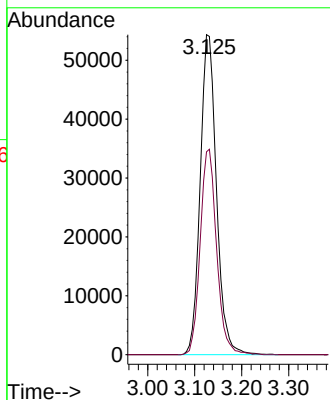
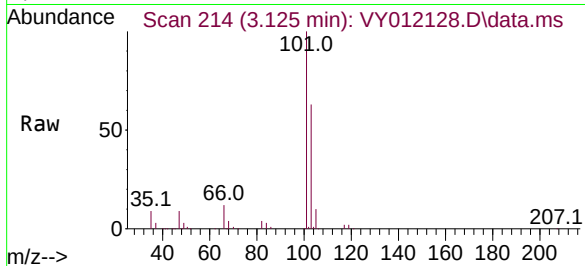




#7
 Trichlorofluoromethane
 Concen: 45.987 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012128.D
 Acq: 09 Jan 2023 22:01

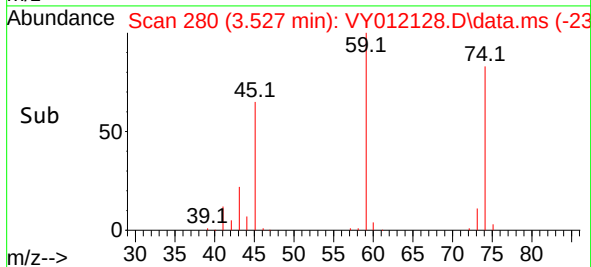
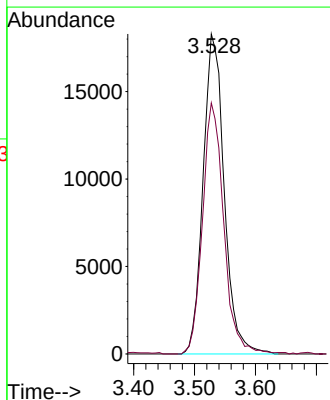
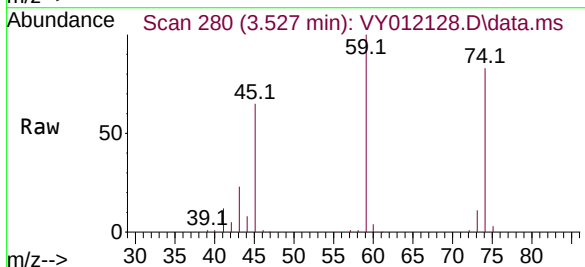
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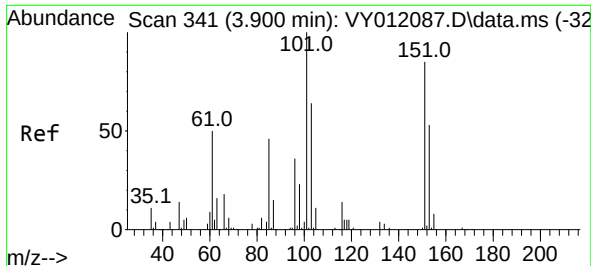
Tgt Ion:101 Resp: 131023
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.6



#8
 Diethyl Ether
 Concen: 50.427 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 43988
 Ion Ratio Lower Upper
 74 100
 45 78.9 46.8 140.3

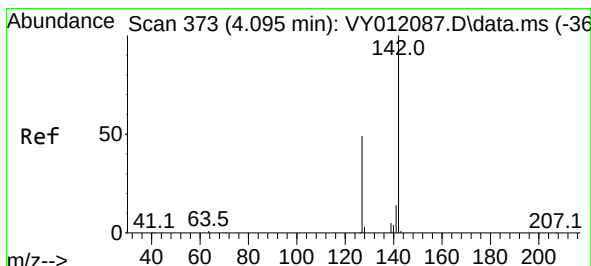
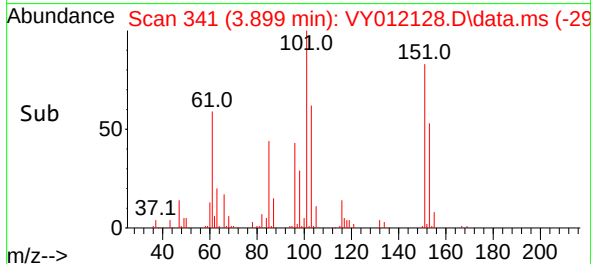
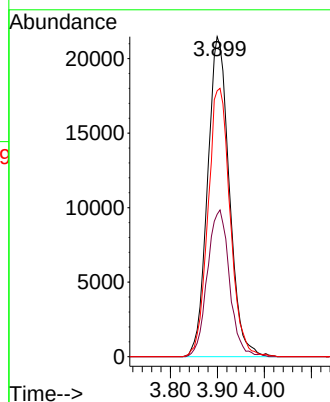
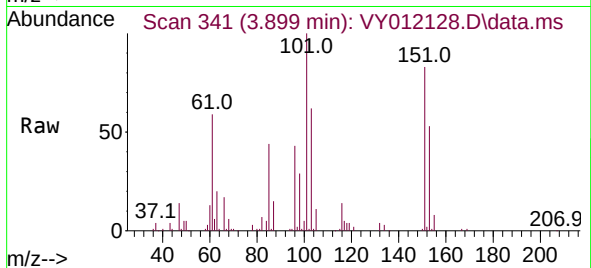




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.933 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

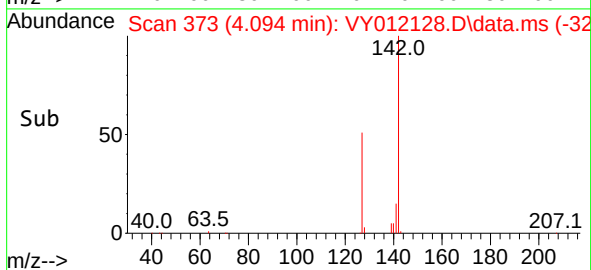
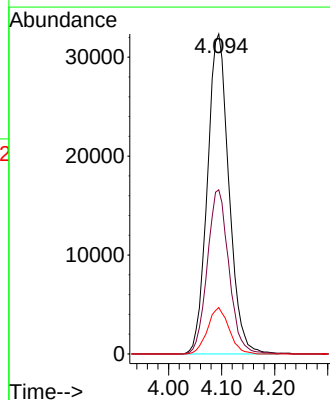
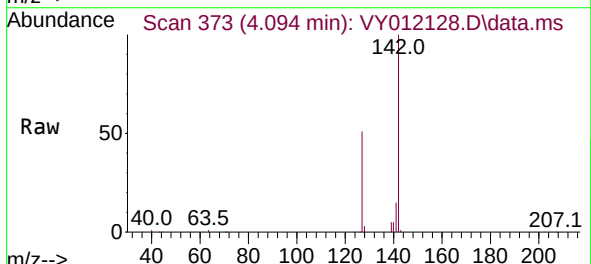
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

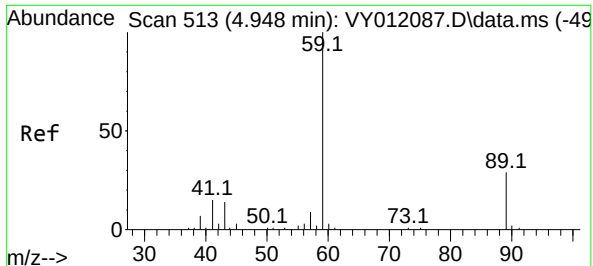
Tgt Ion:101 Resp: 68848
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.2
151 85.5 64.2 96.2



#10
Methyl Iodide
Concen: 45.962 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion:142 Resp: 91403
Ion Ratio Lower Upper
142 100
127 51.3 37.0 55.4
141 14.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 241.503 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

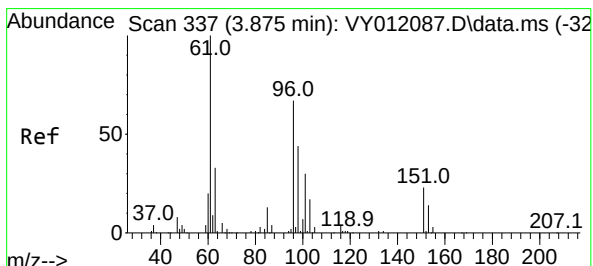
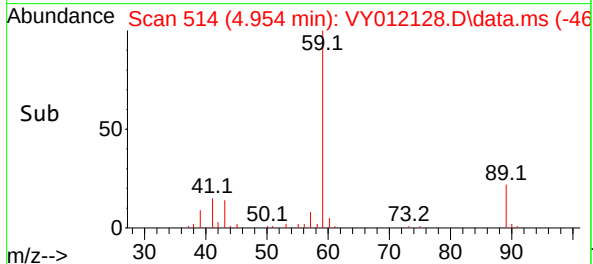
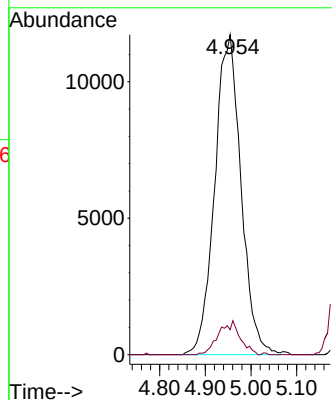
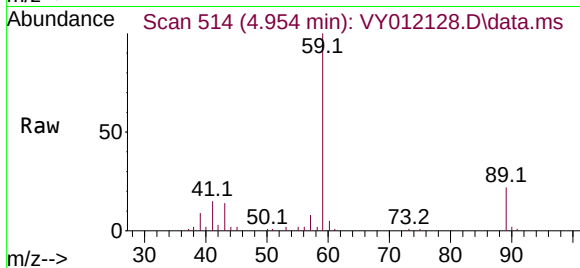
VSTDCCC050EC

Tgt Ion: 59 Resp: 46839

Ion Ratio Lower Upper

59 100

57 8.7 7.4 11.2



#12

1,1-Dichloroethene

Concen: 45.972 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

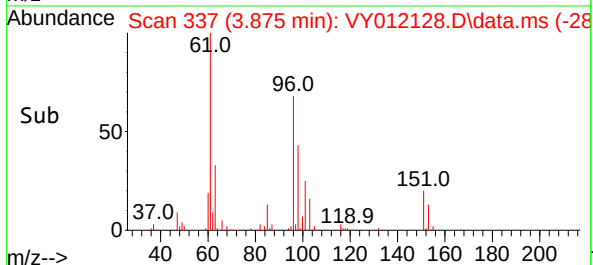
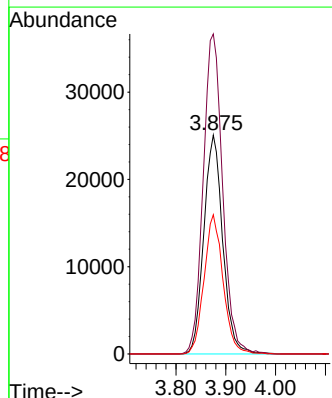
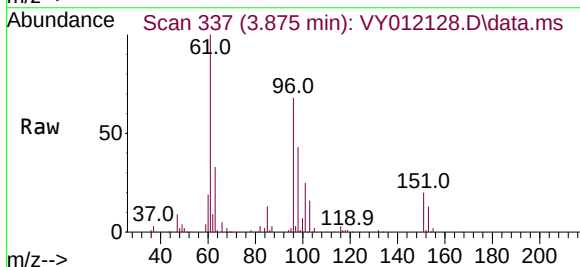
Tgt Ion: 96 Resp: 66116

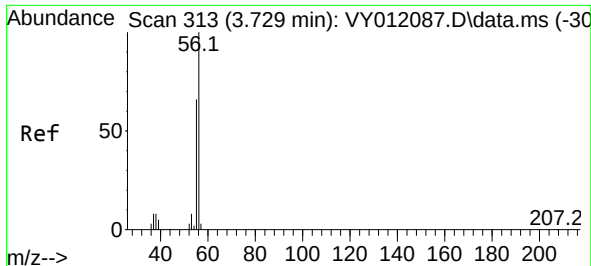
Ion Ratio Lower Upper

96 100

61 146.2 122.0 183.0

98 63.6 48.6 73.0

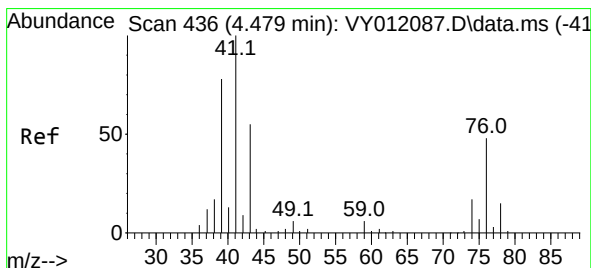
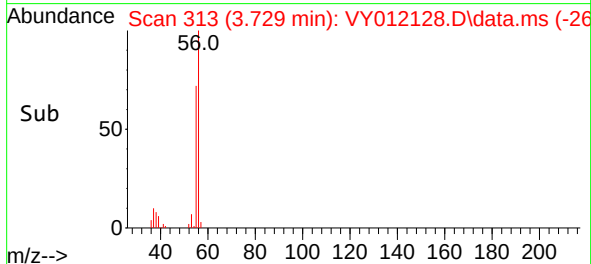
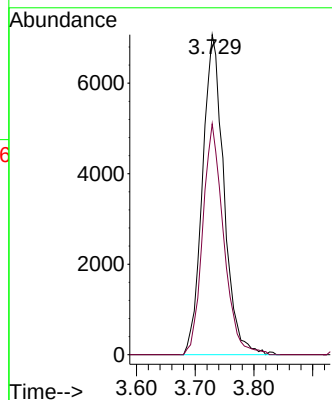
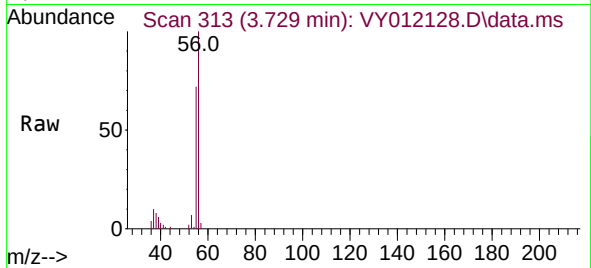




#13
Acrolein
Concen: 203.717 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

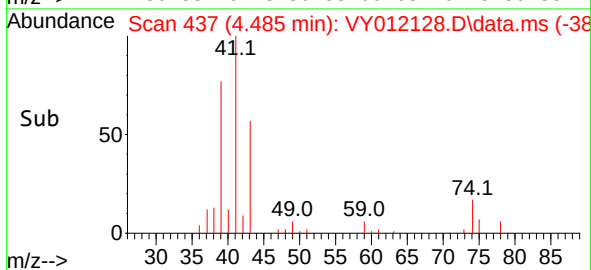
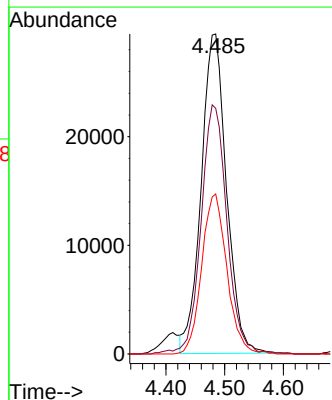
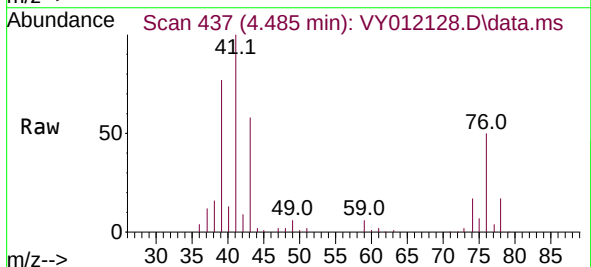
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

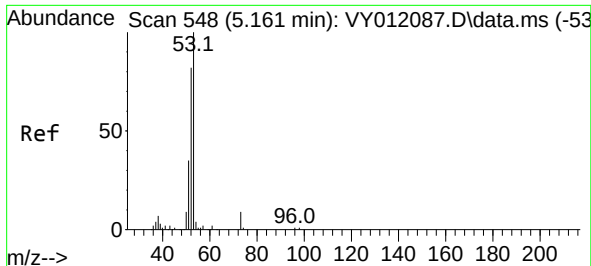
Tgt Ion: 56 Resp: 17898
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0



#14
Allyl chloride
Concen: 45.507 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 41 Resp: 88226
Ion Ratio Lower Upper
41 100
39 79.7 53.5 80.3
76 49.8 31.1 46.7#

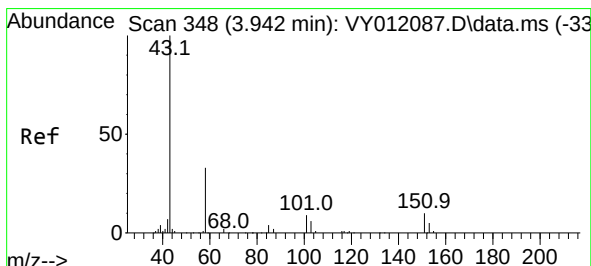
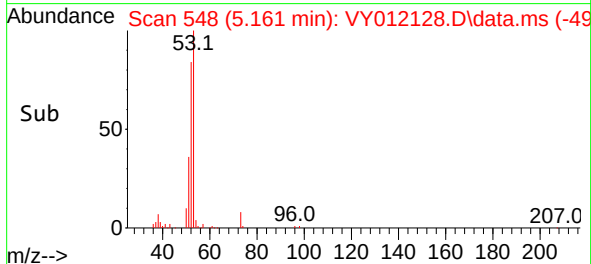
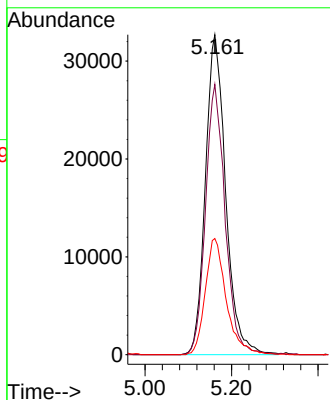
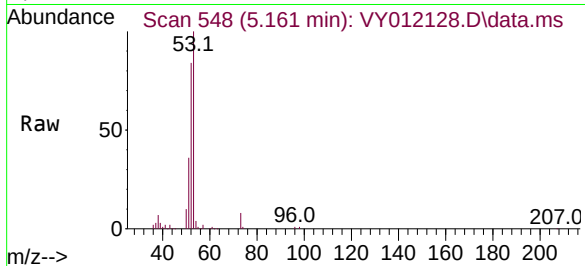




#15
Acrylonitrile
Concen: 259.717 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

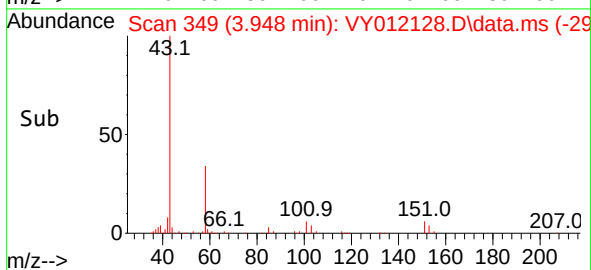
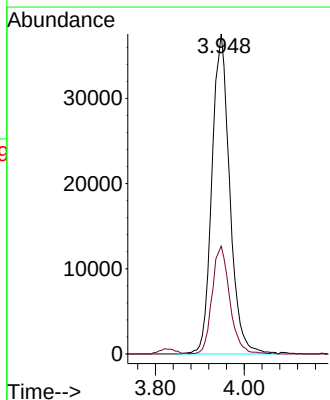
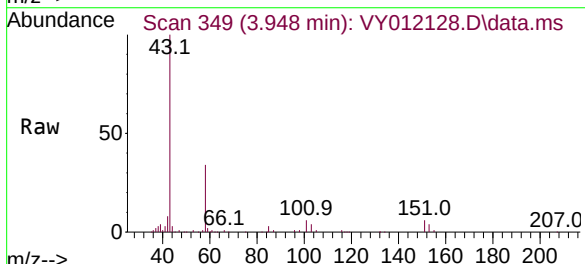
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

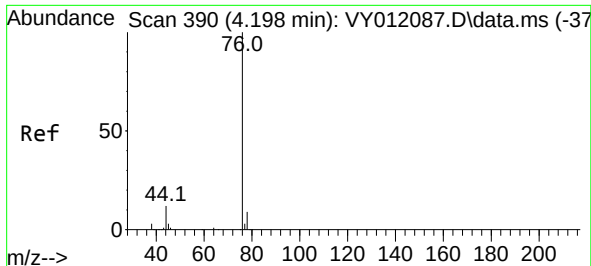
Tgt Ion: 53 Resp: 106443
Ion Ratio Lower Upper
53 100
52 81.8 65.1 97.7
51 37.7 28.7 43.1



#16
Acetone
Concen: 268.263 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 43 Resp: 104344
Ion Ratio Lower Upper
43 100
58 33.7 27.9 41.9

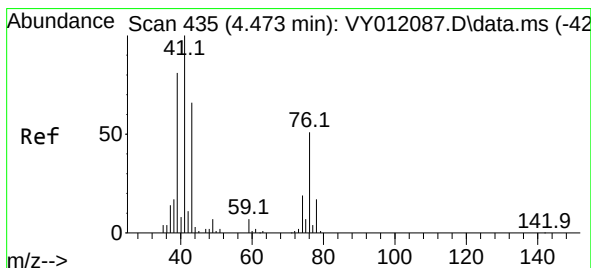
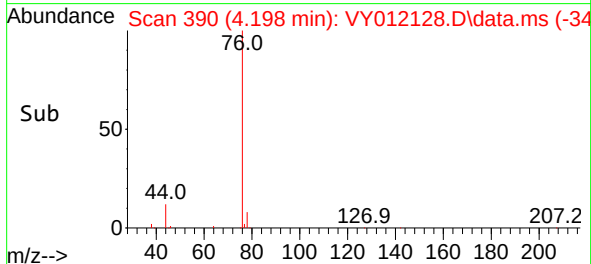
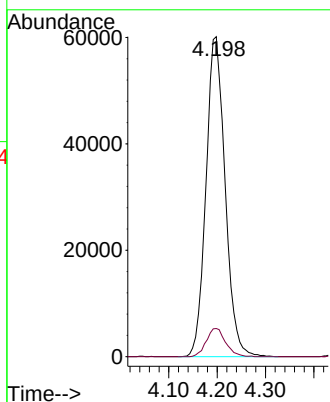
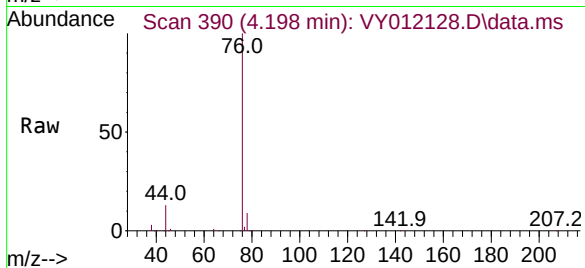




#17
Carbon Disulfide
Concen: 47.454 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

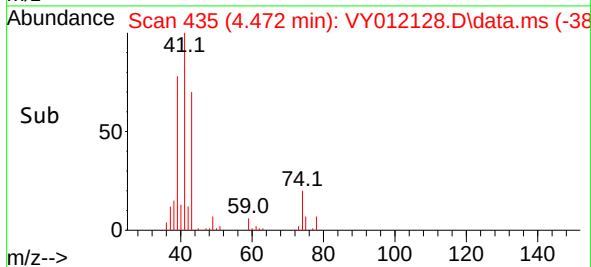
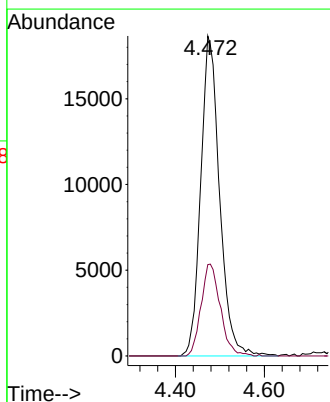
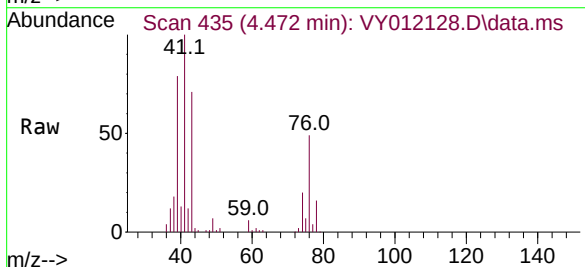
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

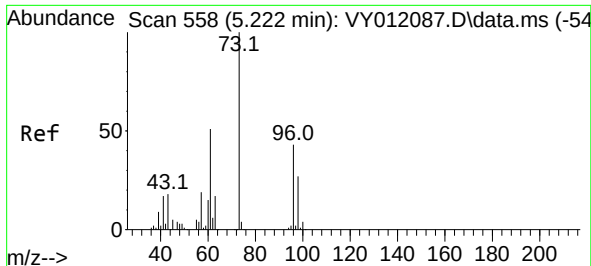
Tgt Ion: 76 Resp: 165386
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 49.287 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 43 Resp: 55146
Ion Ratio Lower Upper
43 100
74 29.3 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 54.239 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

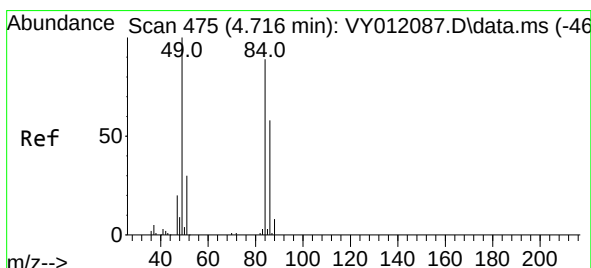
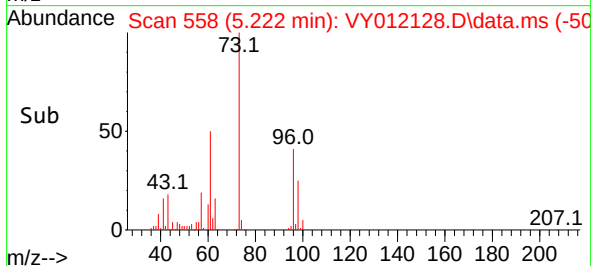
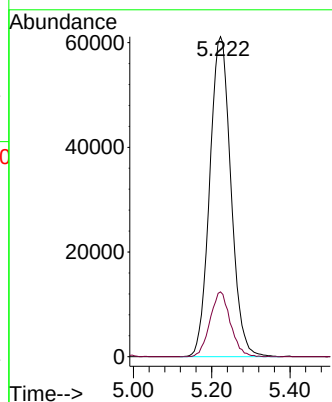
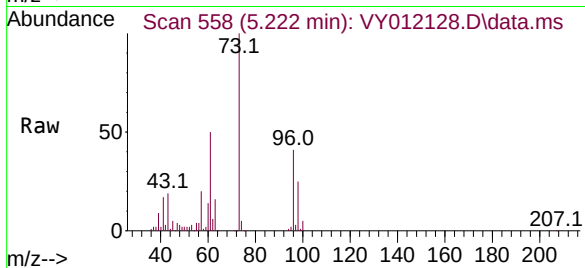
VSTDCCC050EC

Tgt Ion: 73 Resp: 229595

Ion Ratio Lower Upper

73 100

57 20.3 17.4 26.0



#20

Methylene Chloride

Concen: 61.207 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Tgt Ion: 84 Resp: 98467

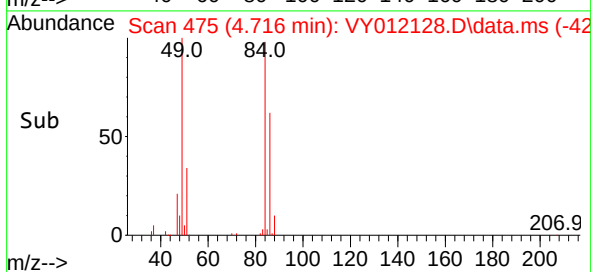
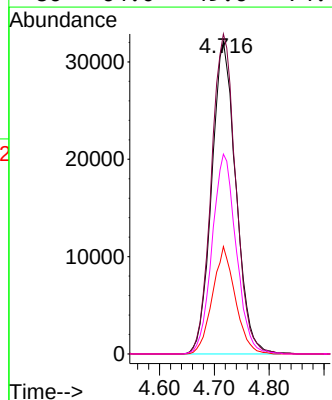
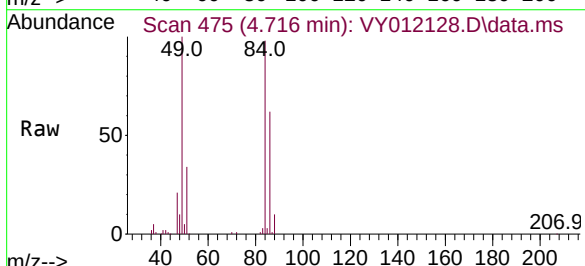
Ion Ratio Lower Upper

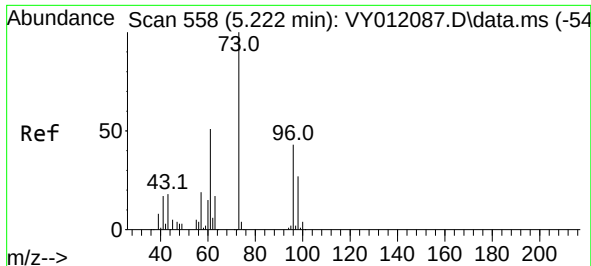
84 100

49 102.4 95.4 143.2

51 34.3 29.9 44.9

86 64.0 49.6 74.4

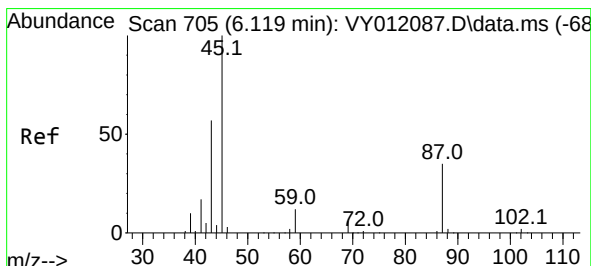
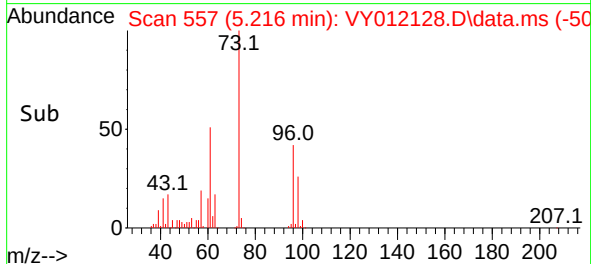
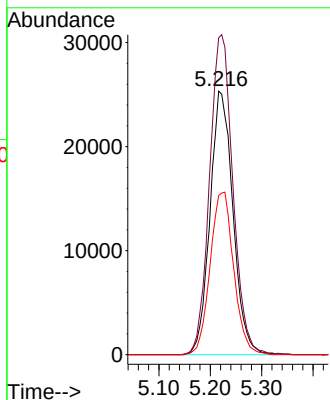
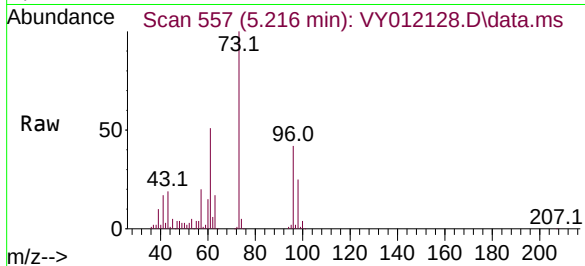




#21
trans-1,2-Dichloroethene
Concen: 49.475 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

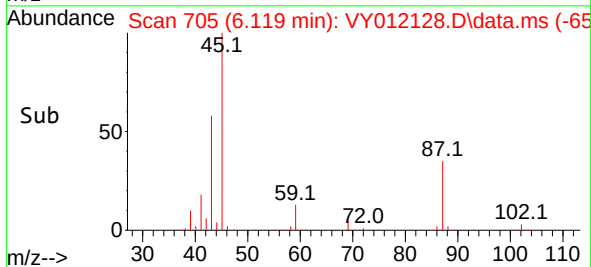
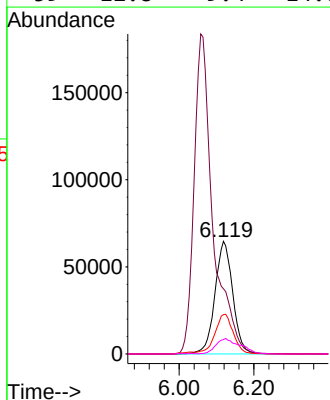
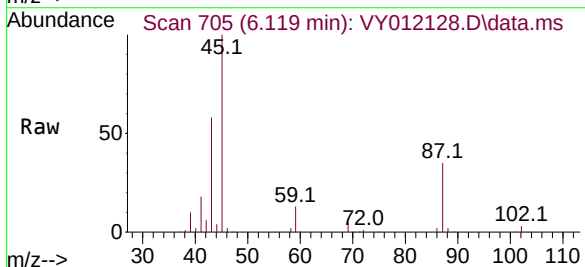
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

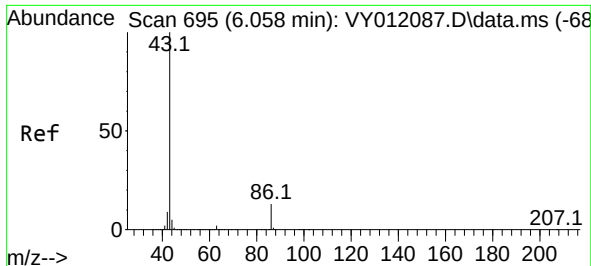
Tgt Ion: 96 Resp: 78734
Ion Ratio Lower Upper
96 100
61 120.3 108.0 162.0
98 60.4 51.6 77.4



#22
Diisopropyl ether
Concen: 53.729 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 45 Resp: 214284
Ion Ratio Lower Upper
45 100
43 57.6 45.0 67.4
87 34.9 22.6 33.8#
59 12.8 9.4 14.0

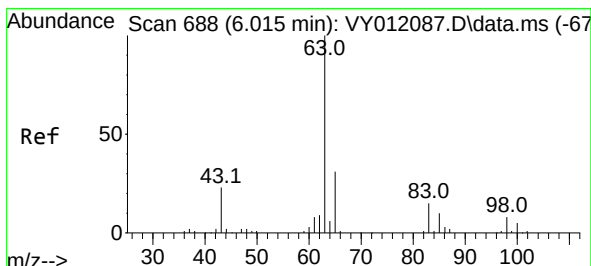
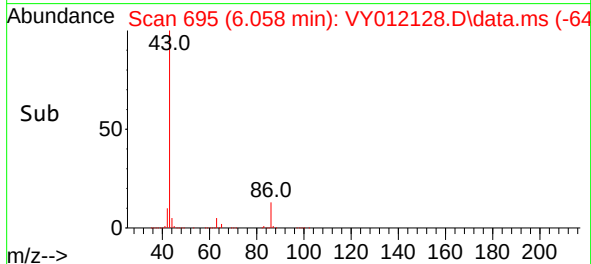
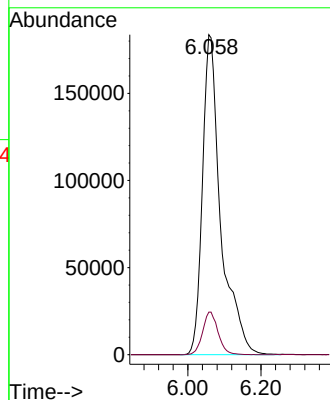
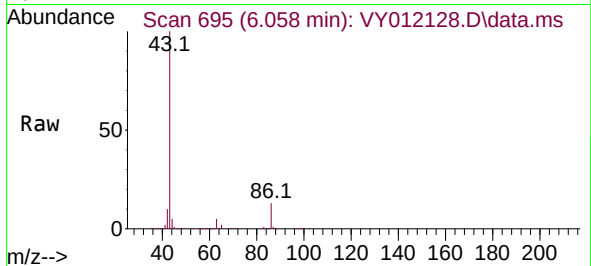




#23
 Vinyl Acetate
 Concen: 264.670 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012128.D
 Acq: 09 Jan 2023 22:01

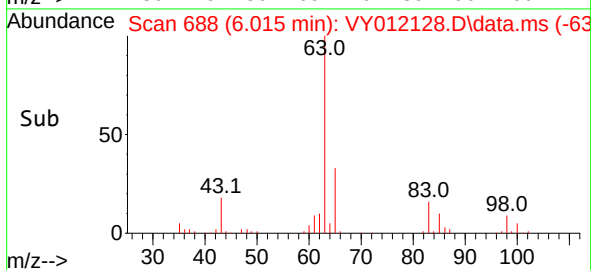
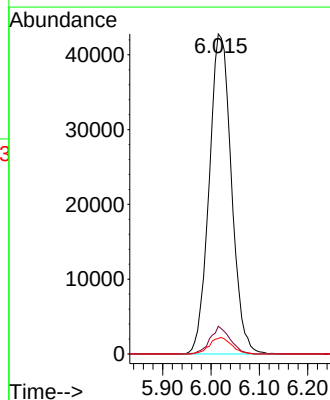
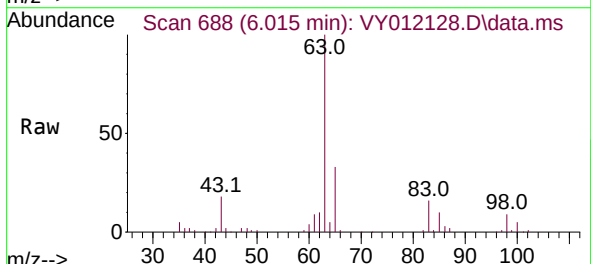
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

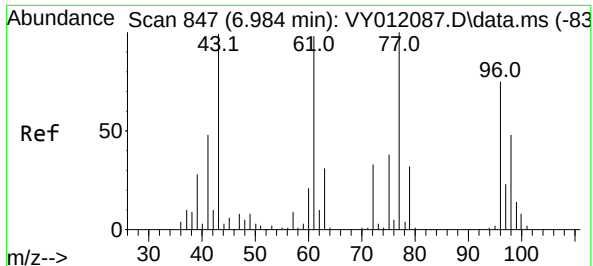
Tgt Ion: 43 Resp: 638757
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 51.466 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012128.D
 Acq: 09 Jan 2023 22:01

Tgt Ion: 63 Resp: 136533
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.5
 100 4.9 2.2 6.6





#25

2-Butanone

Concen: 255.133 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

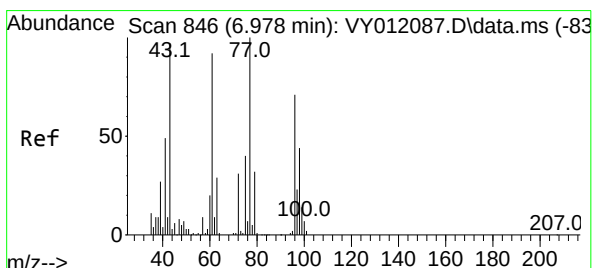
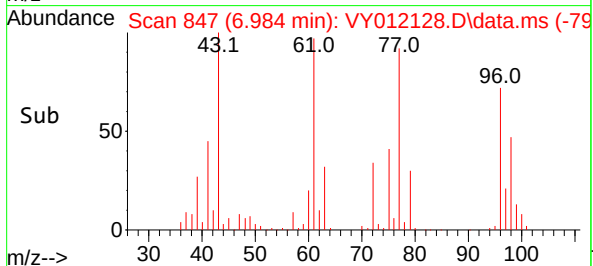
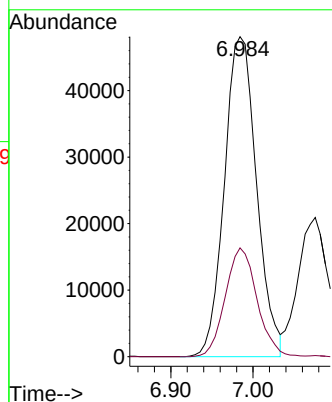
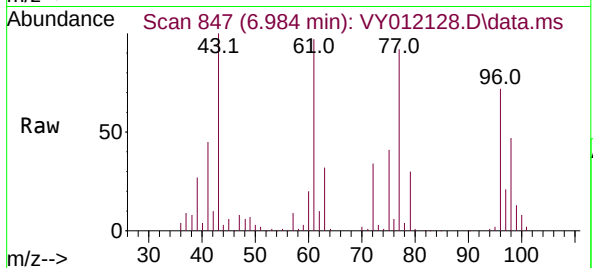
VSTDCCC050EC

Tgt Ion: 43 Resp: 130929

Ion Ratio Lower Upper

43 100

72 34.0 22.6 34.0#



#26

2,2-Dichloropropane

Concen: 47.373 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012128.D

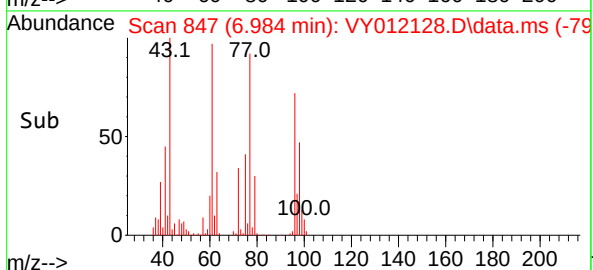
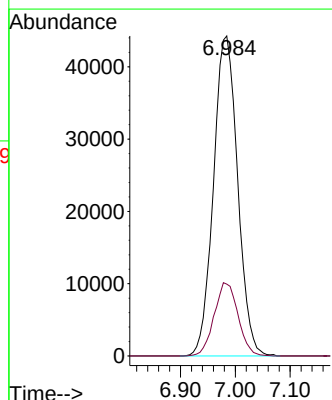
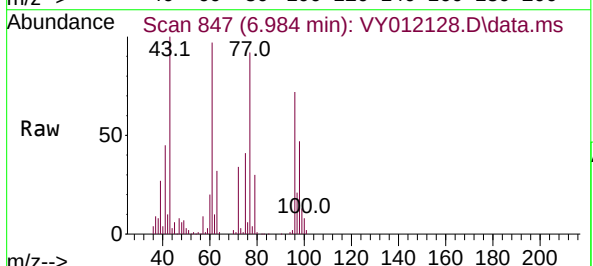
Acq: 09 Jan 2023 22:01

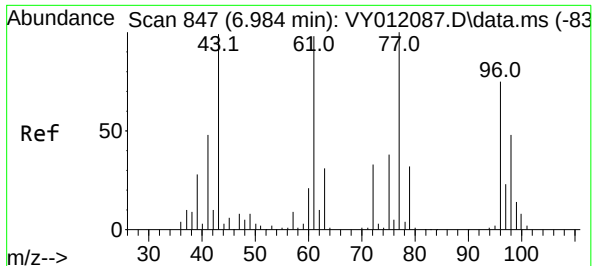
Tgt Ion: 77 Resp: 135577

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.602 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

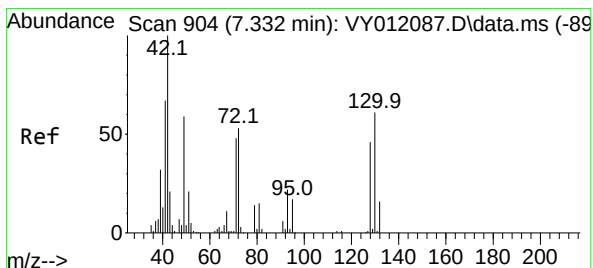
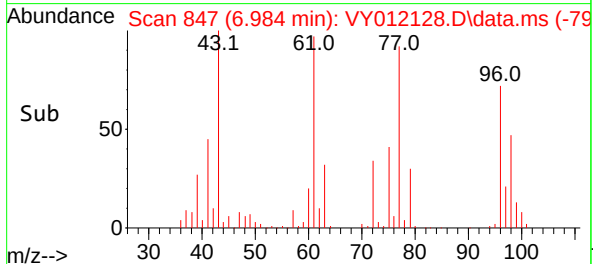
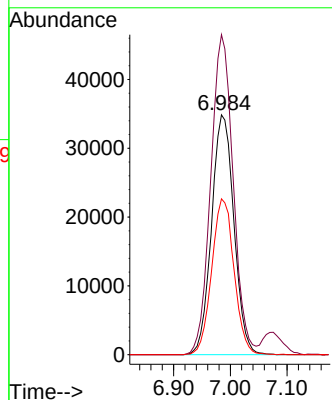
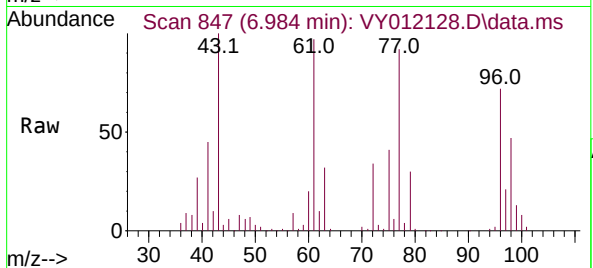
Tgt Ion: 96 Resp: 95611

Ion Ratio Lower Upper

96 100

61 133.6 0.0 283.4

98 64.8 0.0 127.6



#28

Bromochloromethane

Concen: 51.205 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

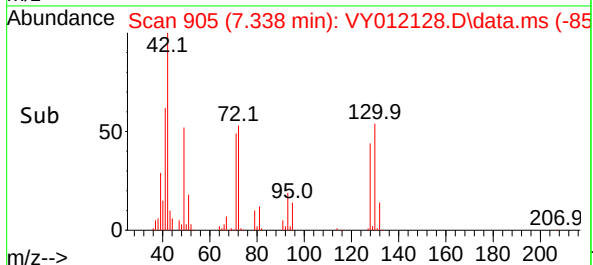
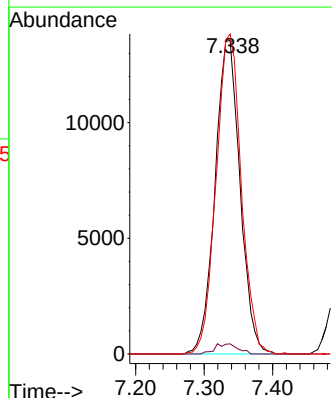
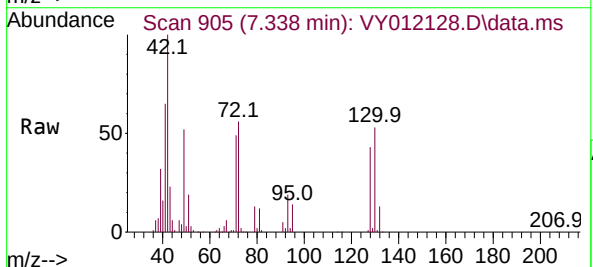
Tgt Ion: 49 Resp: 34342

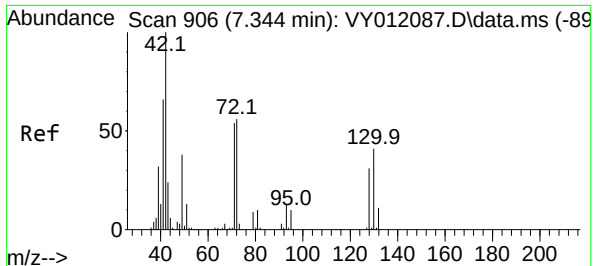
Ion Ratio Lower Upper

49 100

129 2.9 0.0 4.6

130 102.6 66.7 100.1#





#29

Tetrahydrofuran

Concen: 260.087 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

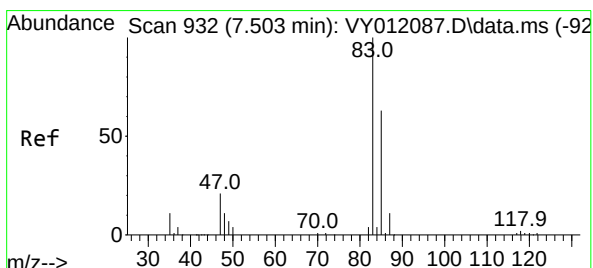
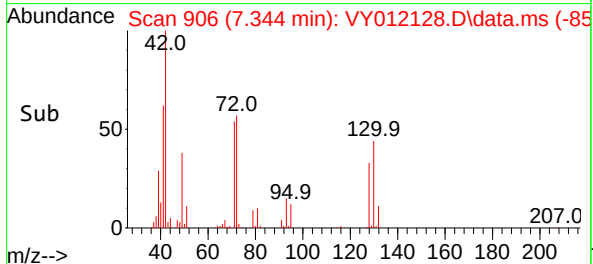
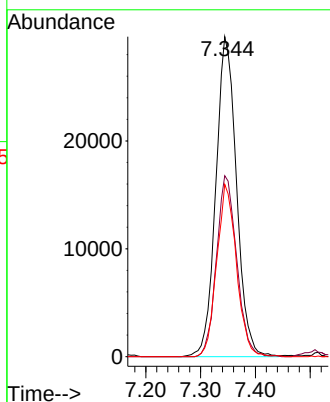
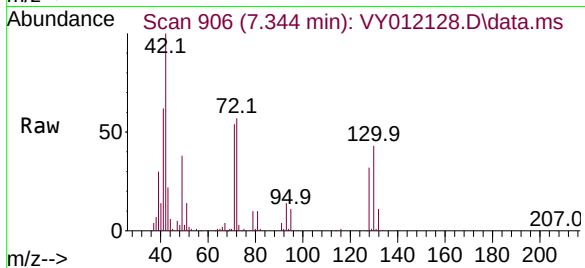
Tgt Ion: 42 Resp: 77909

Ion Ratio Lower Upper

42 100

72 55.3 37.0 55.6

71 51.3 34.9 52.3



#30

Chloroform

Concen: 54.364 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012128.D

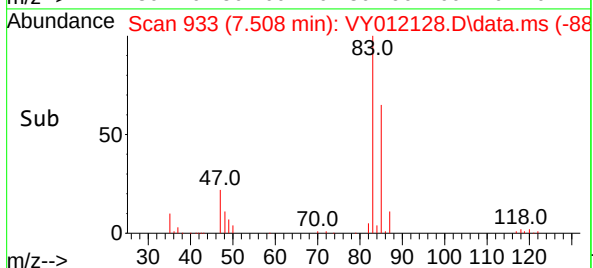
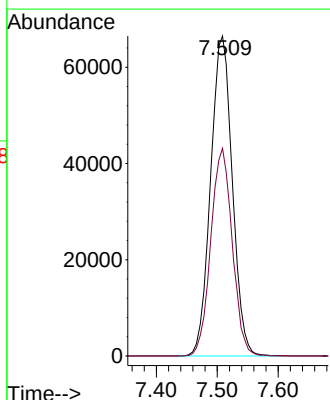
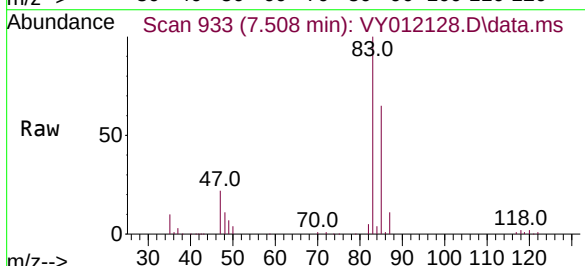
Acq: 09 Jan 2023 22:01

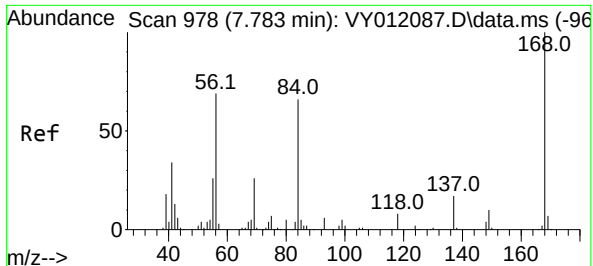
Tgt Ion: 83 Resp: 164395

Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3

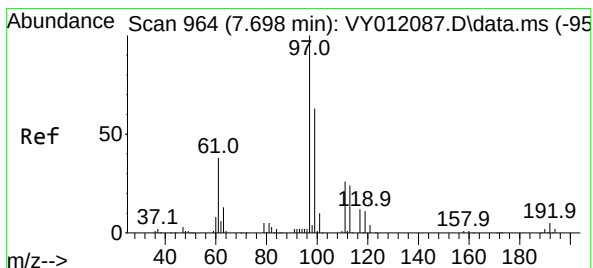
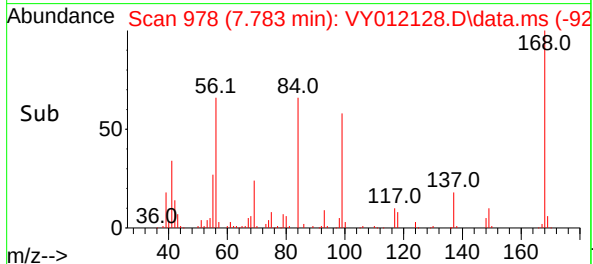
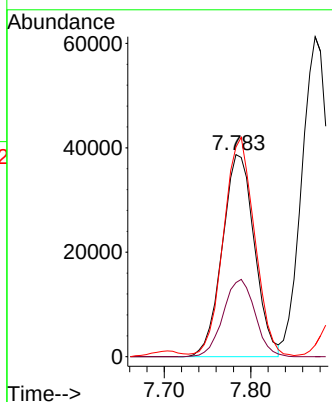
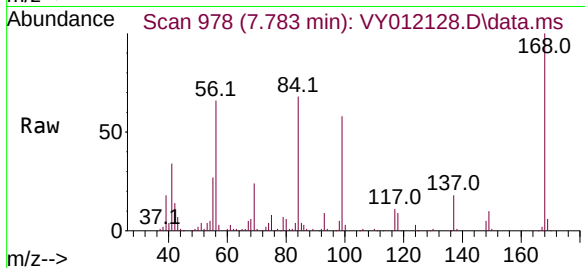




#31
Cyclohexane
Concen: 47.711 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

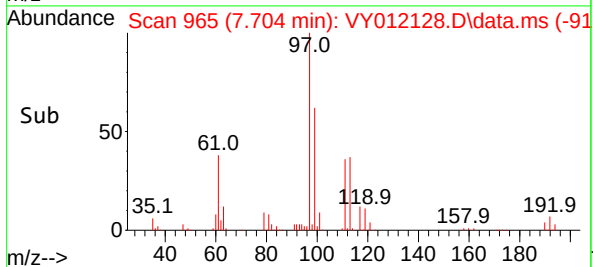
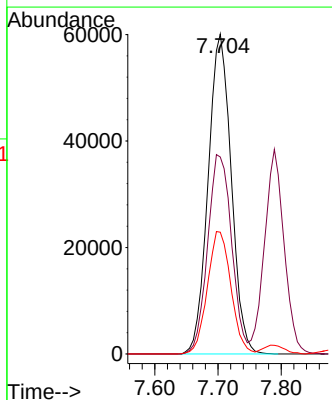
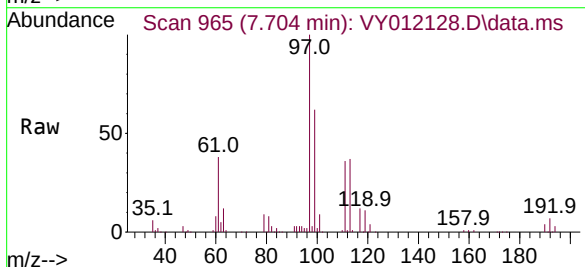
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

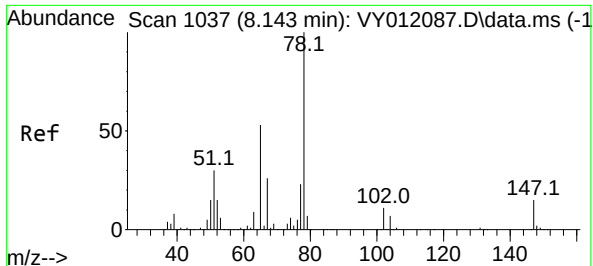
Tgt Ion: 56 Resp: 99973
Ion Ratio Lower Upper
56 100
69 36.7 29.2 43.8
84 101.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 51.818 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 97 Resp: 152197
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 39.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 52.435 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

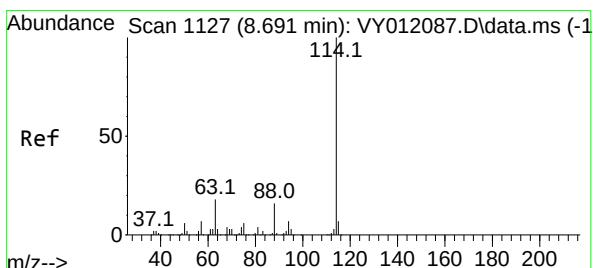
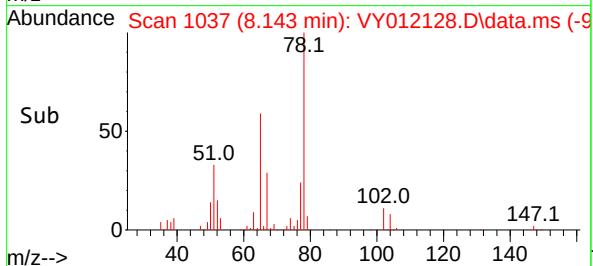
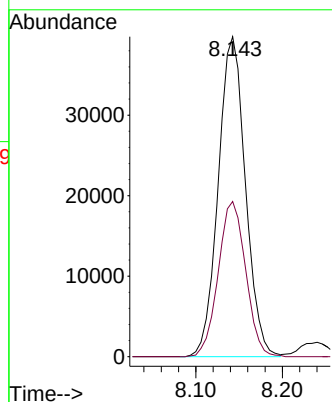
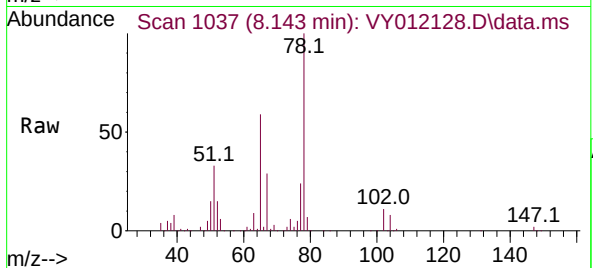
VSTDCCC050EC

Tgt Ion: 65 Resp: 86700

Ion Ratio Lower Upper

65 100

67 48.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

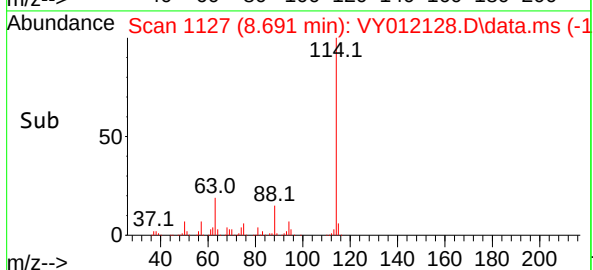
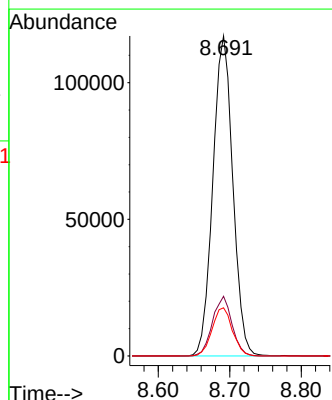
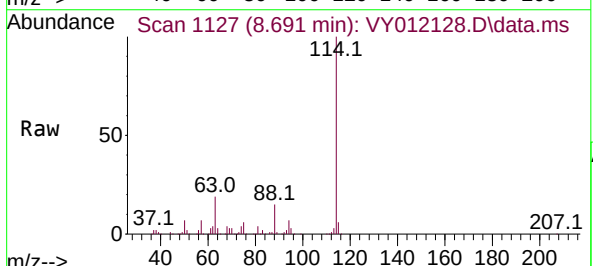
Tgt Ion: 114 Resp: 226834

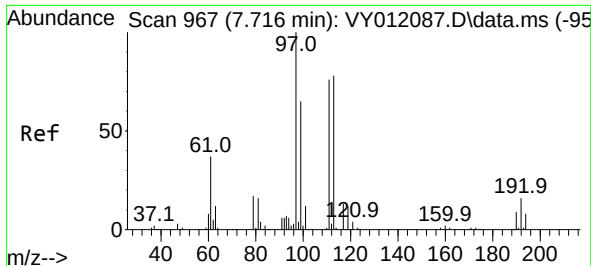
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.1 0.0 32.2

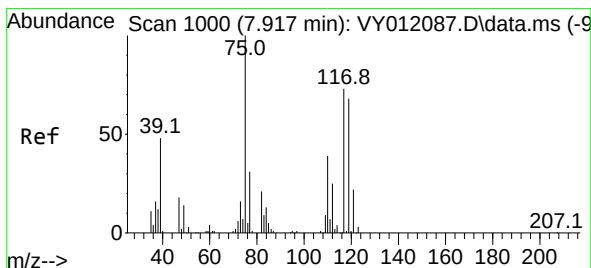
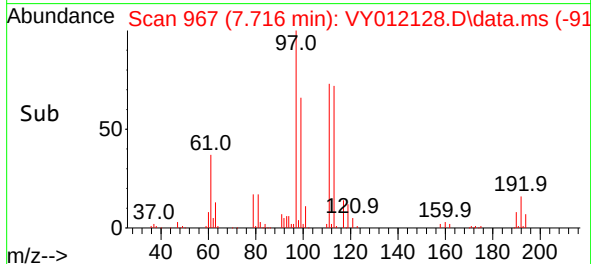
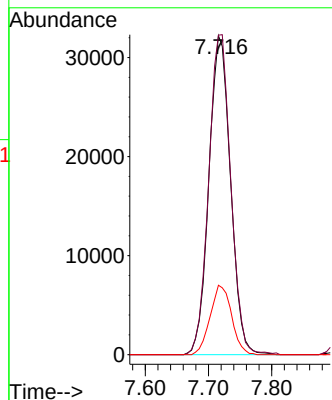
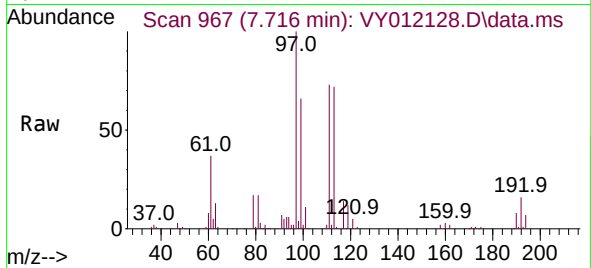




#35
Dibromofluoromethane
Concen: 51.214 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

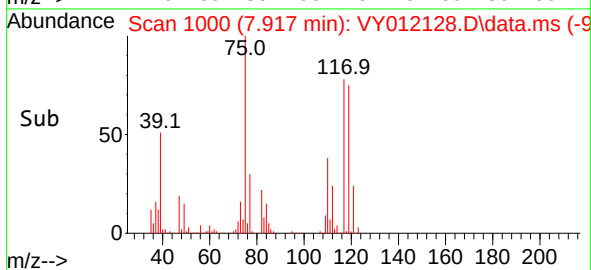
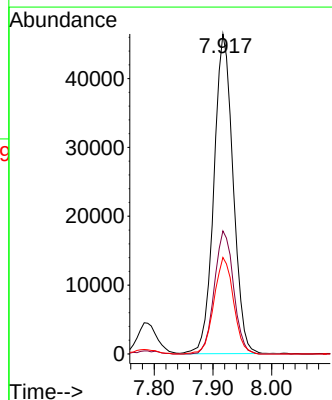
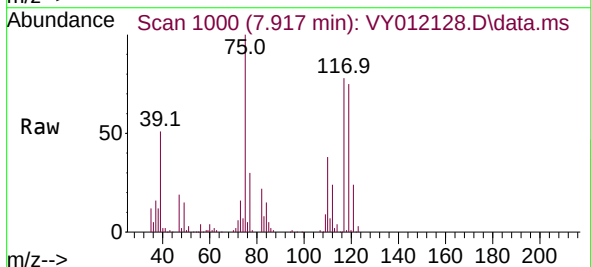
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

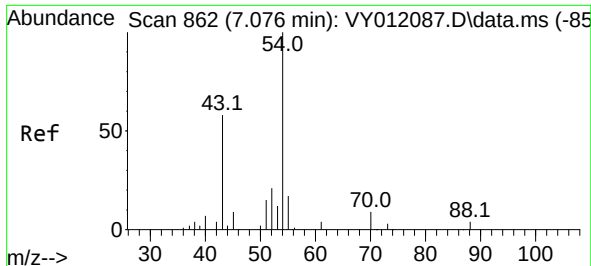
Tgt Ion:113 Resp: 76357
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 21.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 46.533 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 75 Resp: 105256
Ion Ratio Lower Upper
75 100
110 38.3 18.1 54.1
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 46.520 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

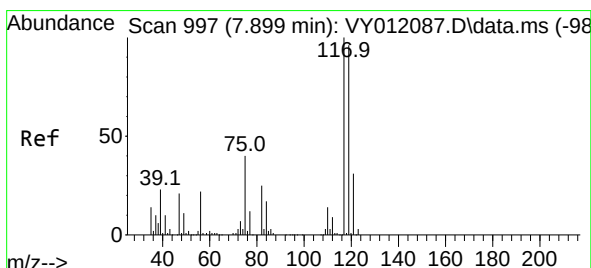
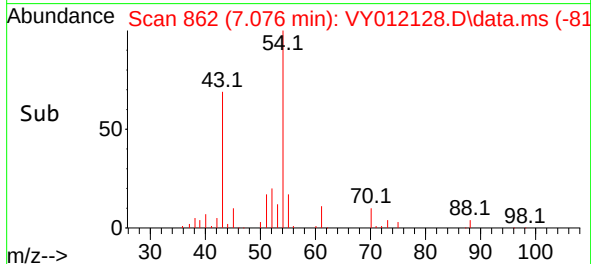
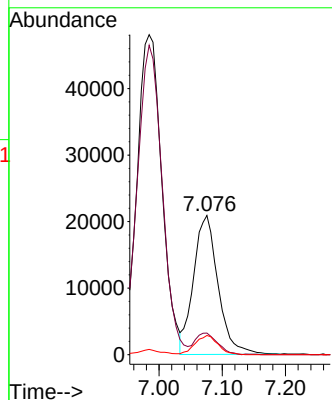
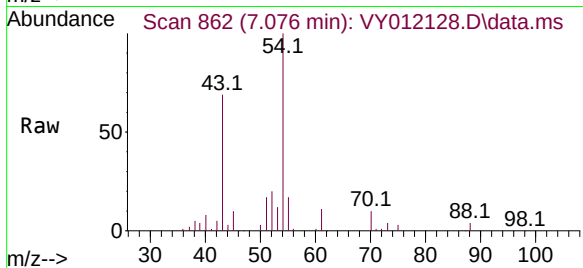
Tgt Ion: 43 Resp: 56343

Ion Ratio Lower Upper

43 100

61 14.4 11.3 16.9

70 12.9 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 49.181 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

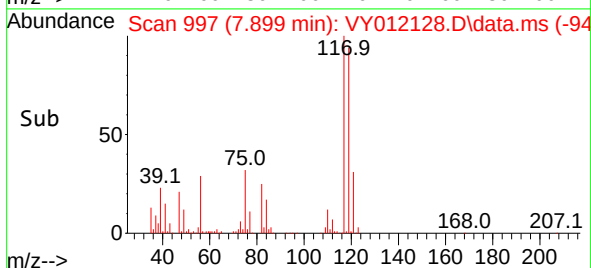
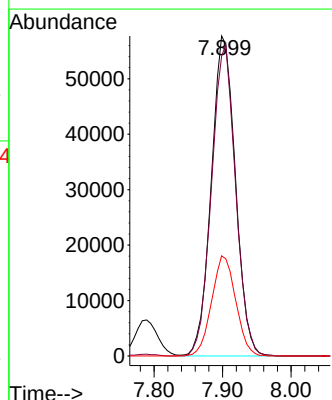
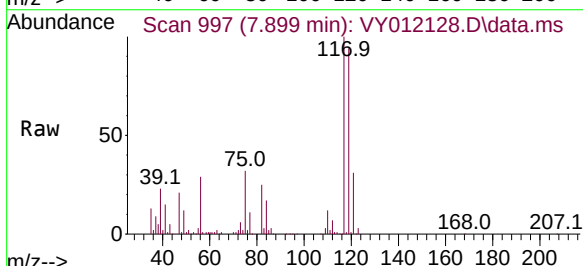
Tgt Ion: 117 Resp: 141200

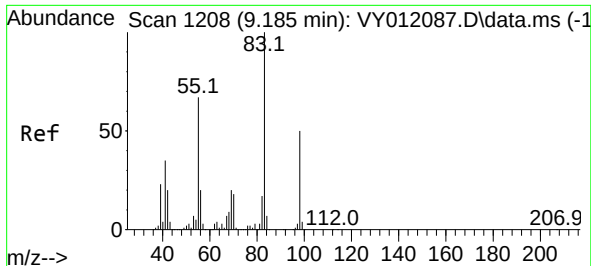
Ion Ratio Lower Upper

117 100

119 93.7 73.8 110.8

121 31.3 25.2 37.8





#39

Methylcyclohexane

Concen: 45.048 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

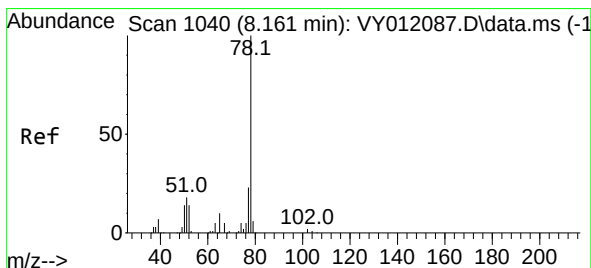
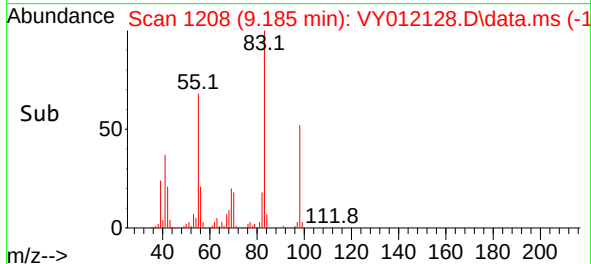
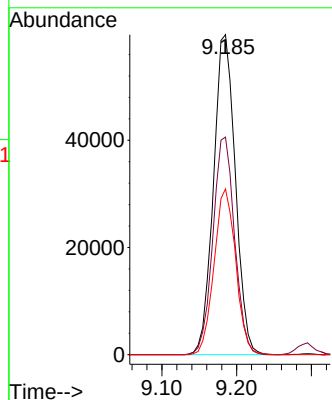
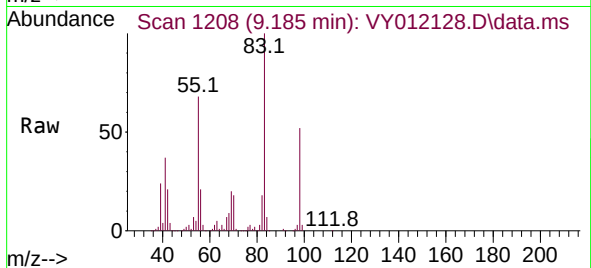
Tgt Ion: 83 Resp: 121725

Ion Ratio Lower Upper

83 100

55 68.0 58.2 87.2

98 51.8 38.6 58.0



#40

Benzene

Concen: 49.084 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012128.D

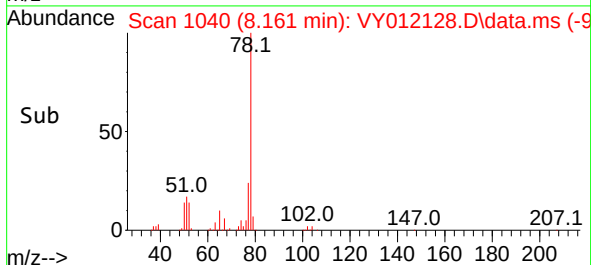
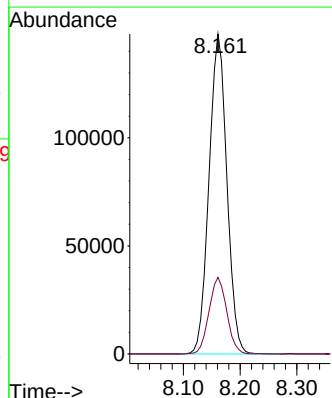
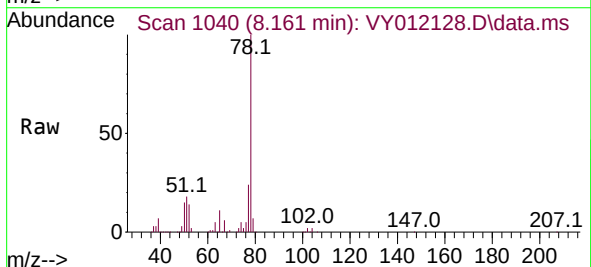
Acq: 09 Jan 2023 22:01

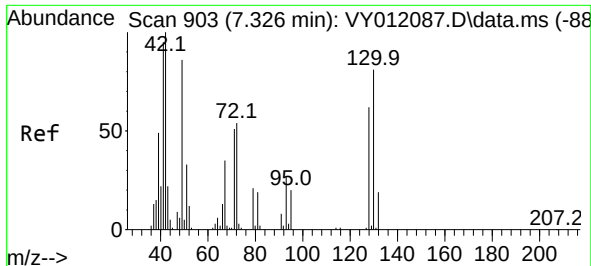
Tgt Ion: 78 Resp: 323536

Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8

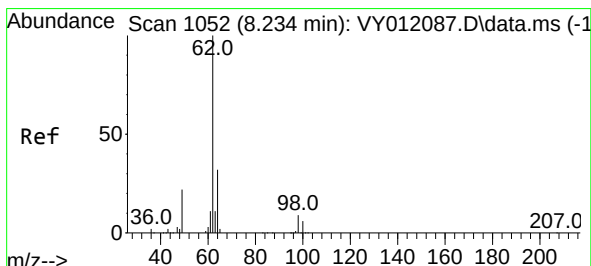
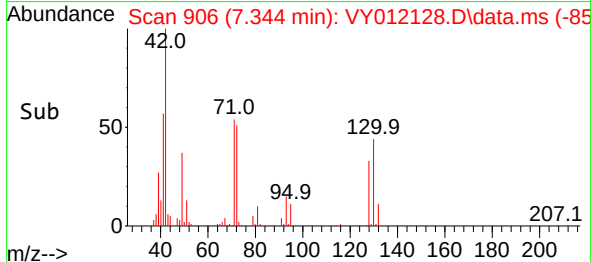
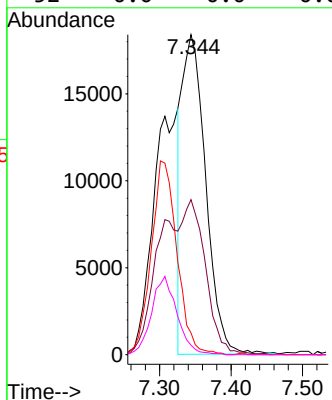
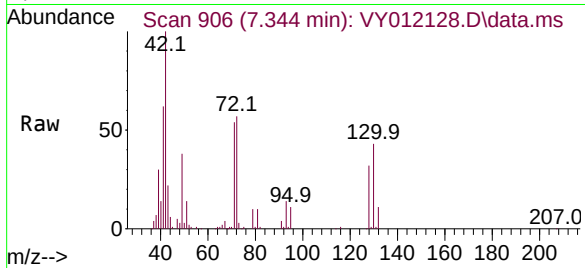




#41
Methacrylonitrile
Concen: 63.780 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

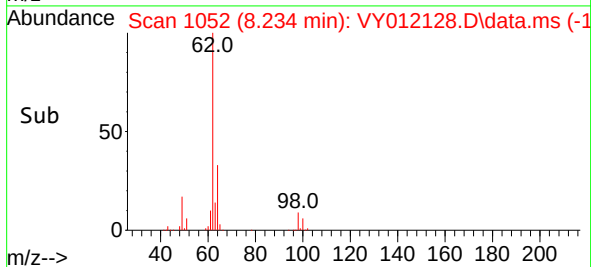
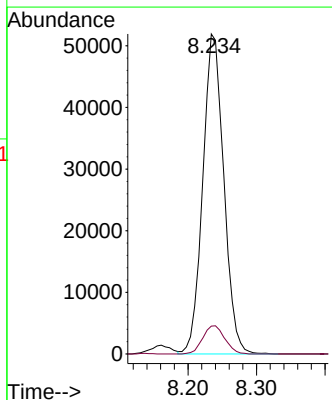
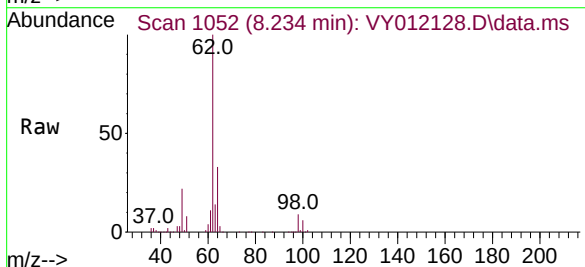
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

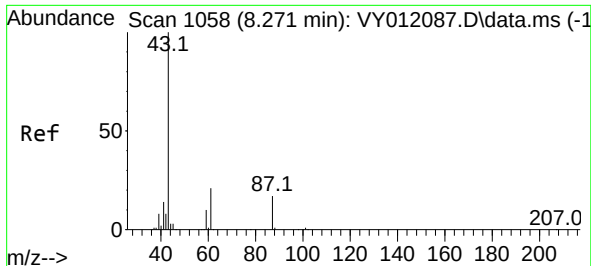
Tgt Ion: 41	Resp: 42013
Ion Ratio	Lower Upper
41 100	
39 0.0	0.0 0.0
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.148 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 62	Resp: 110910
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 19.6

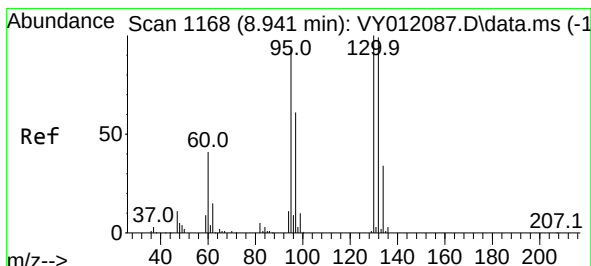
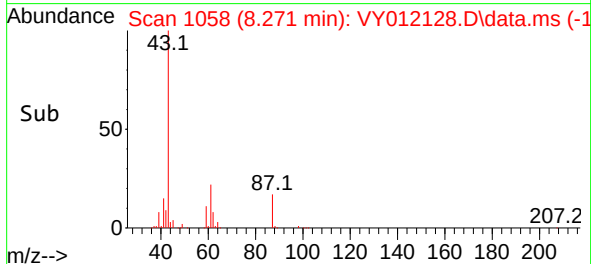
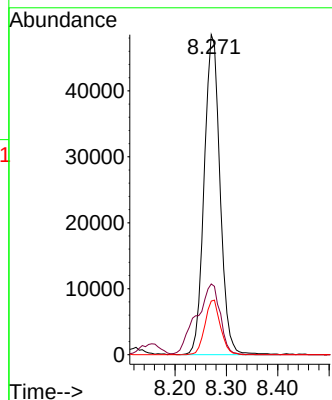
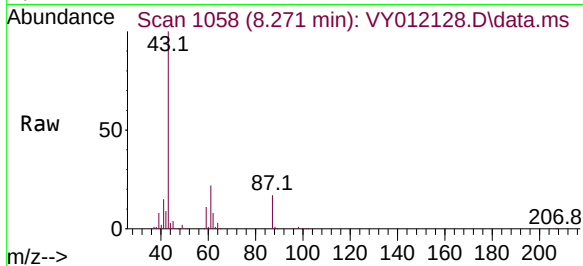




#43
Isopropyl Acetate
Concen: 51.136 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

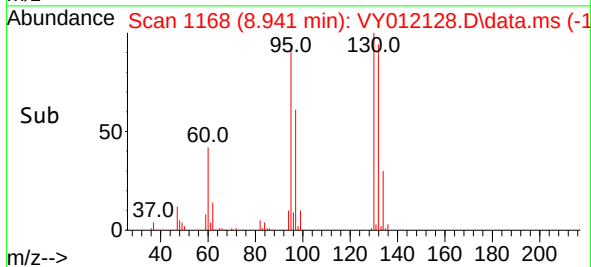
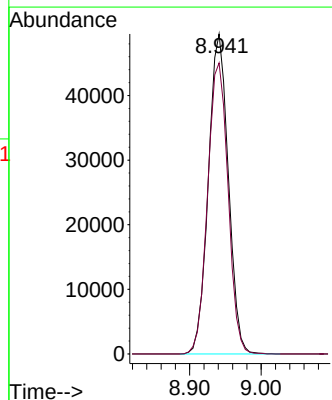
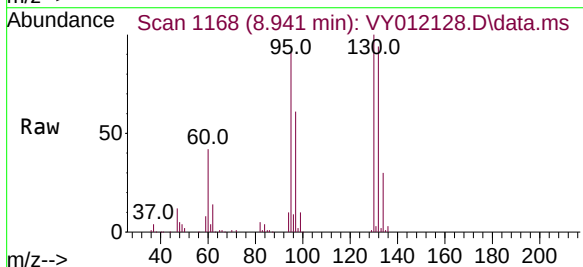
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

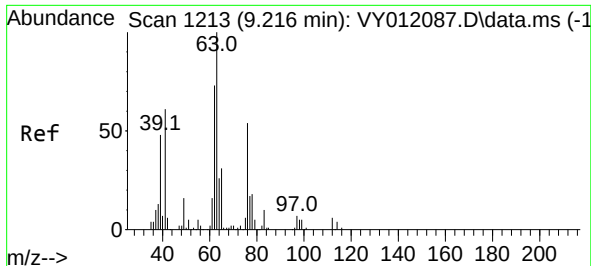
Tgt Ion: 43 Resp: 103792
Ion Ratio Lower Upper
43 100
61 33.1 24.4 36.6
87 16.6 11.4 17.2



#44
Trichloroethene
Concen: 49.938 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion:130 Resp: 96112
Ion Ratio Lower Upper
130 100
95 91.0 0.0 190.6





#45

1,2-Dichloropropane

Concen: 51.636 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

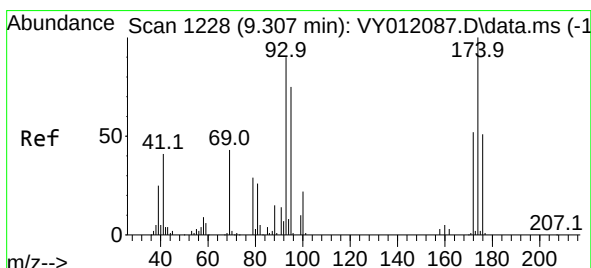
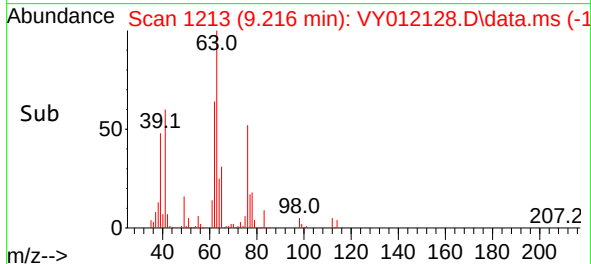
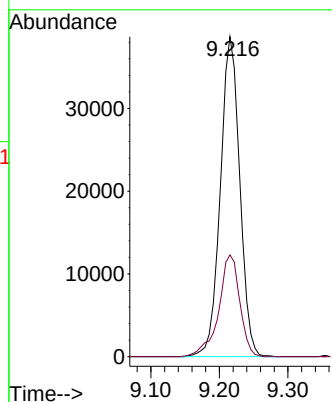
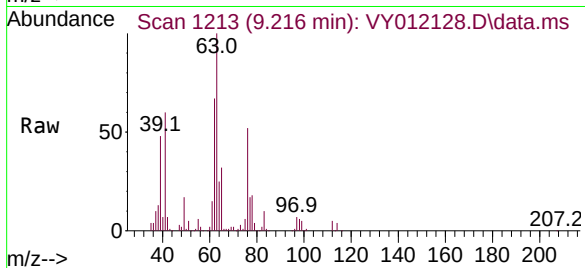
VSTDCCC050EC

Tgt Ion: 63 Resp: 75834

Ion Ratio Lower Upper

63 100

65 31.8 24.9 37.3



#46

Dibromomethane

Concen: 53.276 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

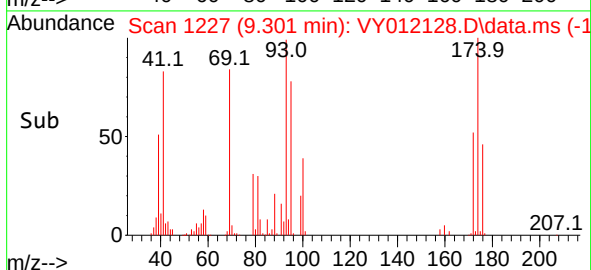
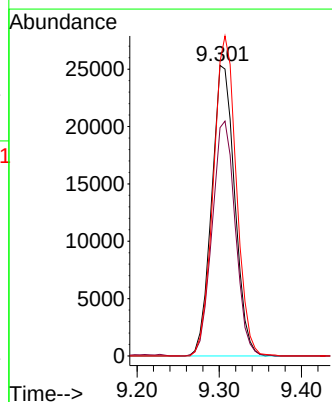
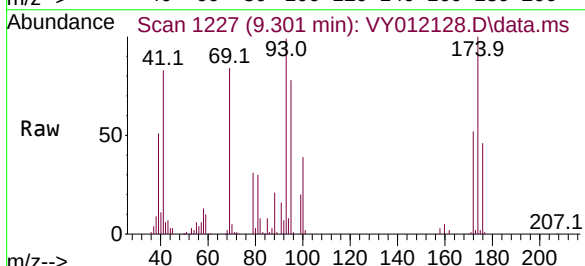
Tgt Ion: 93 Resp: 49256

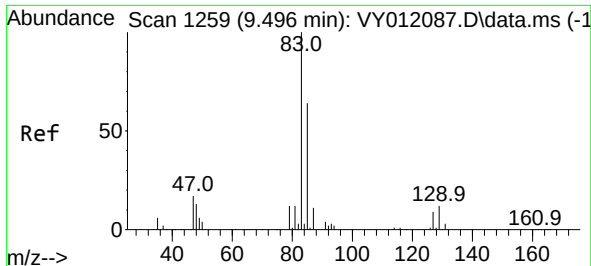
Ion Ratio Lower Upper

93 100

95 81.3 66.1 99.1

174 109.7 84.7 127.1

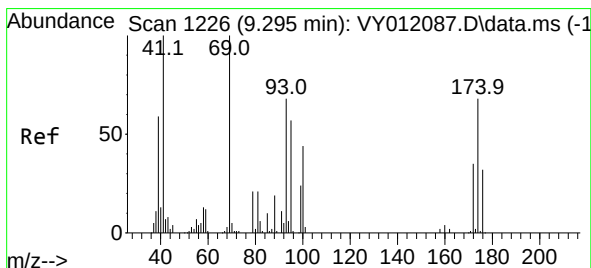
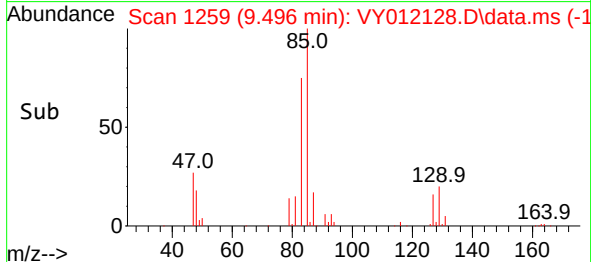
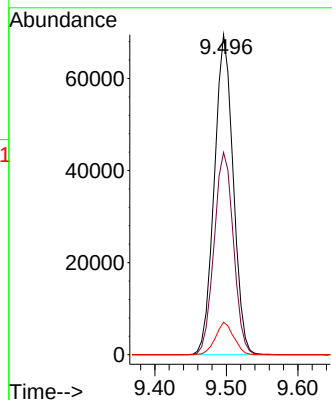
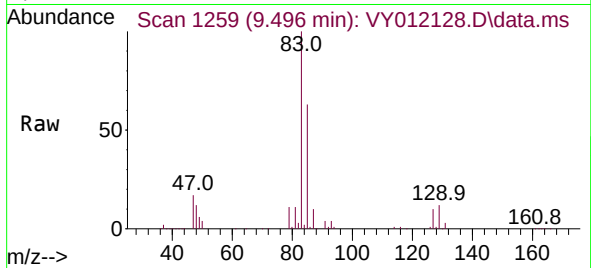




#47
Bromodichloromethane
Concen: 54.239 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

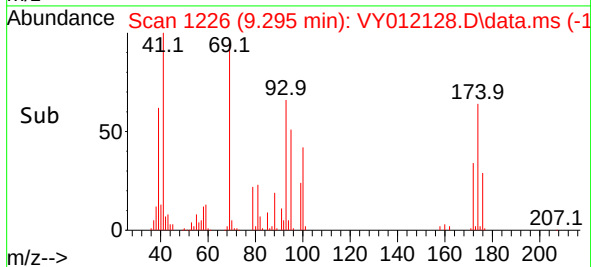
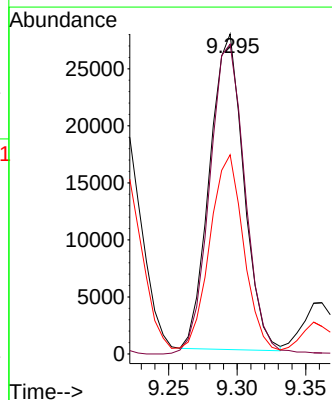
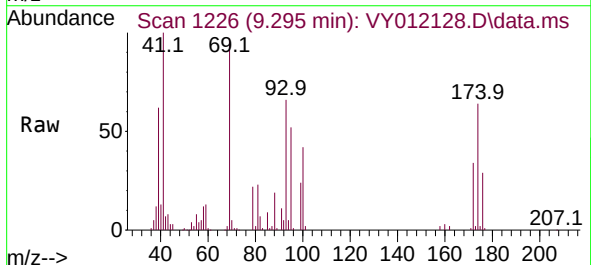
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

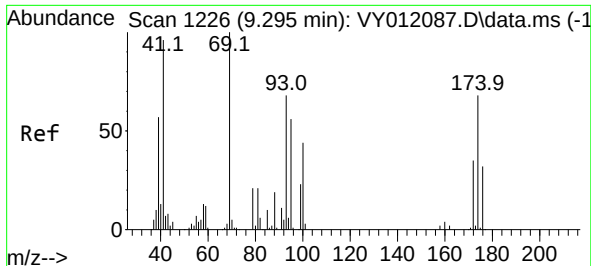
Tgt Ion: 83 Resp: 127506
Ion Ratio Lower Upper
83 100
85 63.2 52.0 78.0
127 10.2 7.3 10.9



#48
Methyl methacrylate
Concen: 52.629 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 41 Resp: 47850
Ion Ratio Lower Upper
41 100
69 102.1 74.2 111.2
39 63.9 46.3 69.5

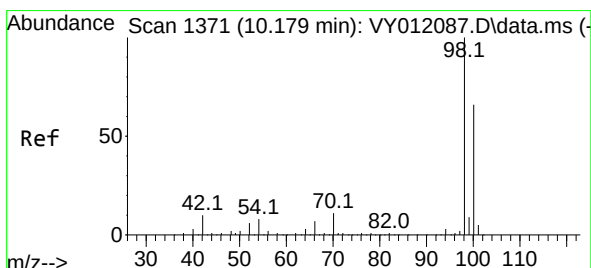
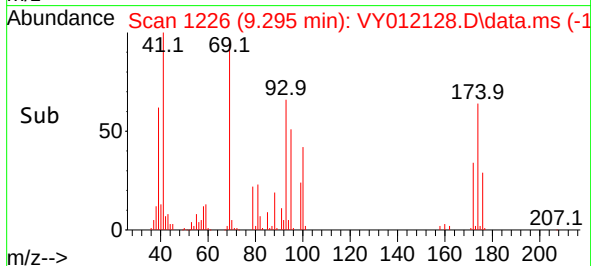
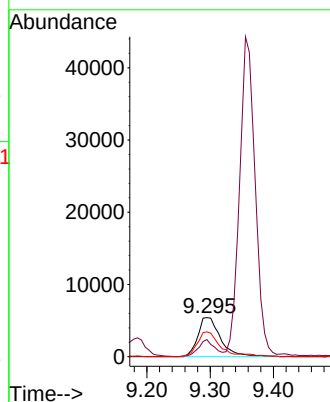
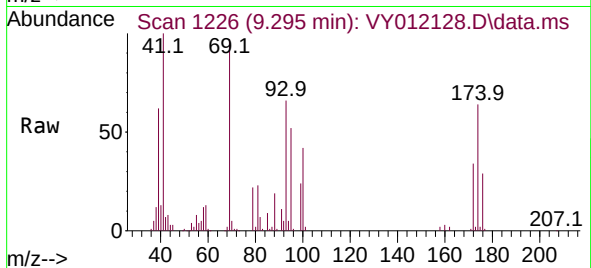




#49
1,4-Dioxane
Concen: 1057.042 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

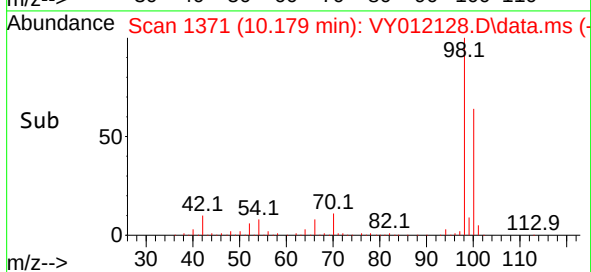
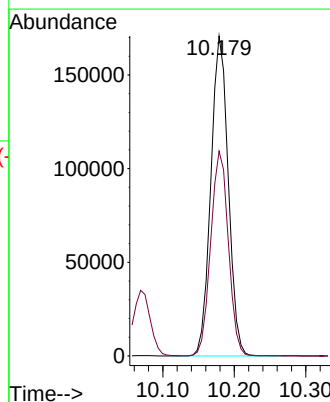
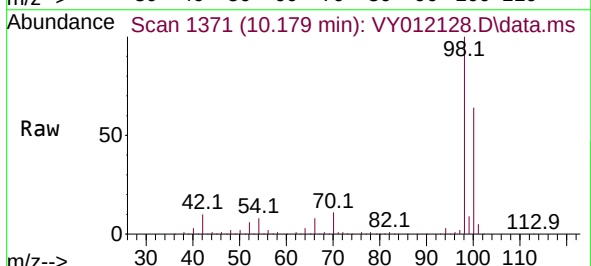
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

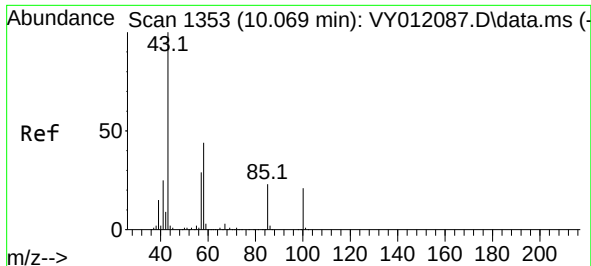
Tgt Ion: 88 Resp: 13533
Ion Ratio Lower Upper
88 100
43 31.6 26.2 39.2
58 60.0 54.3 81.5



#50
Toluene-d8
Concen: 48.993 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 98 Resp: 288314
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

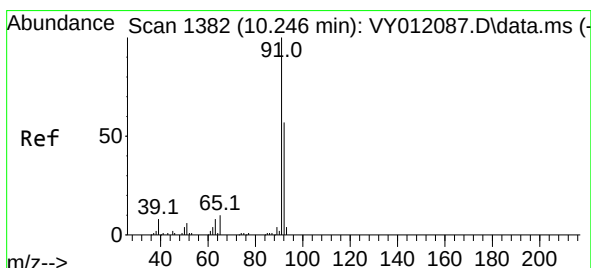
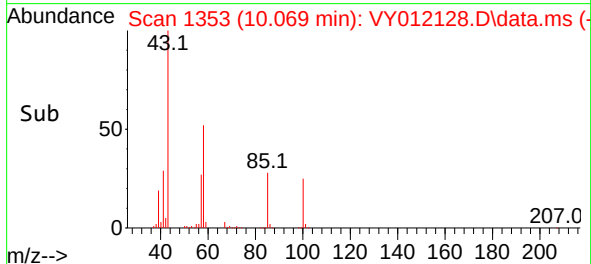
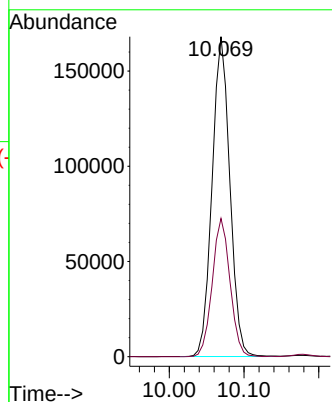
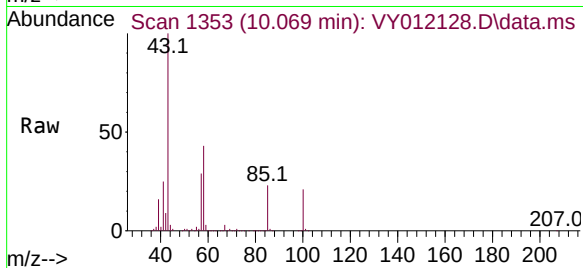




#51
4-Methyl-2-Pentanone
Concen: 257.361 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

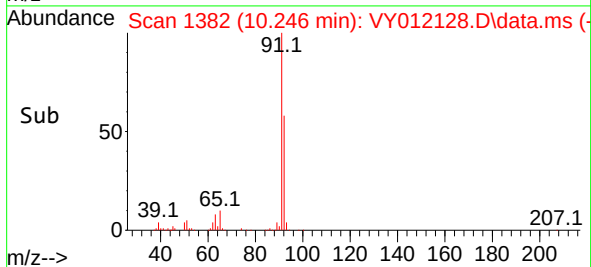
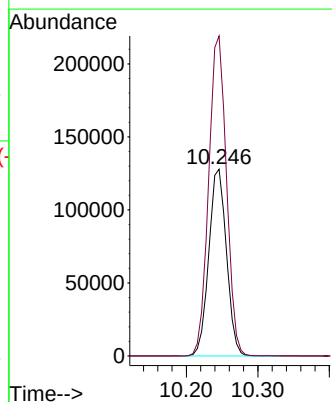
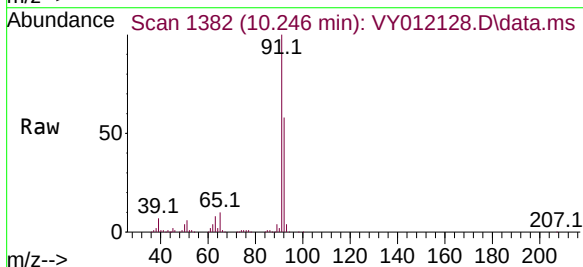
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

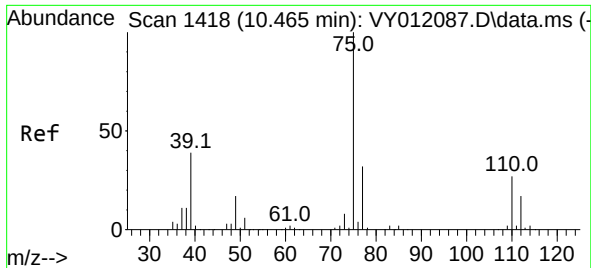
Tgt Ion: 43 Resp: 277954
Ion Ratio Lower Upper
43 100
58 43.2 32.9 49.3



#52
Toluene
Concen: 50.338 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 92 Resp: 219623
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0

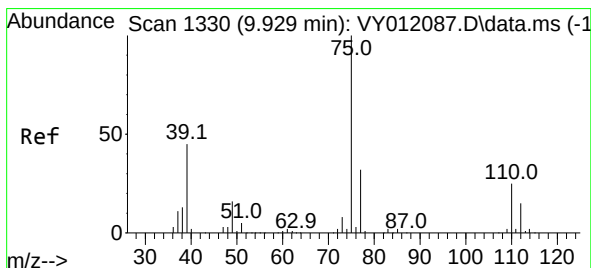
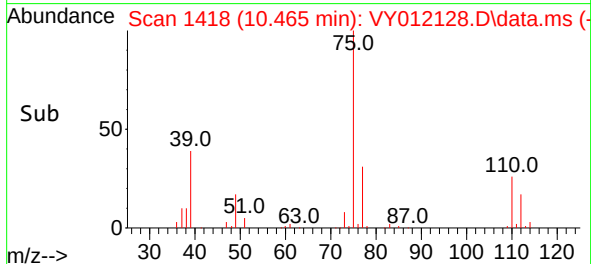
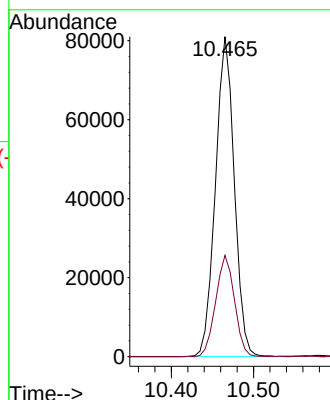
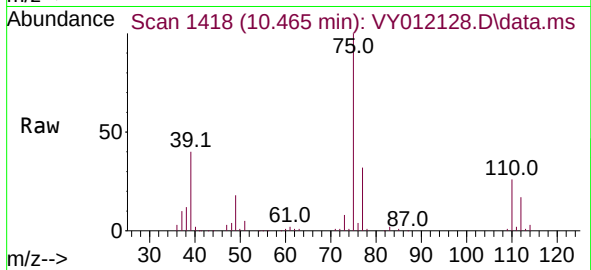




#53
t-1,3-Dichloropropene
Concen: 52.802 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

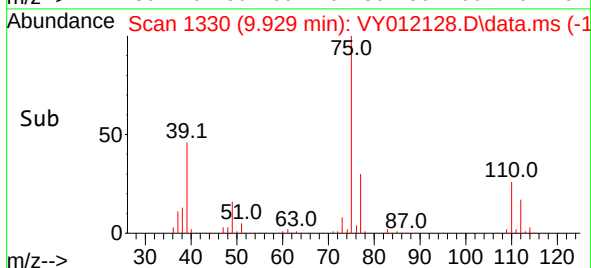
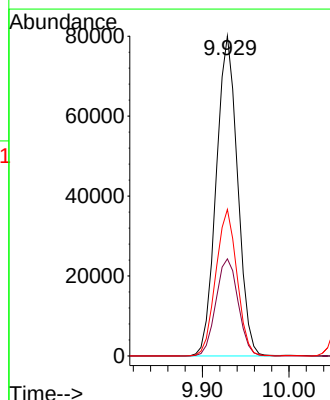
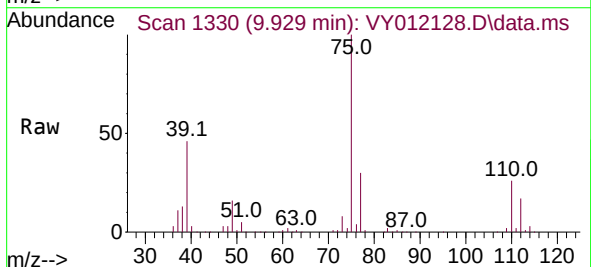
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

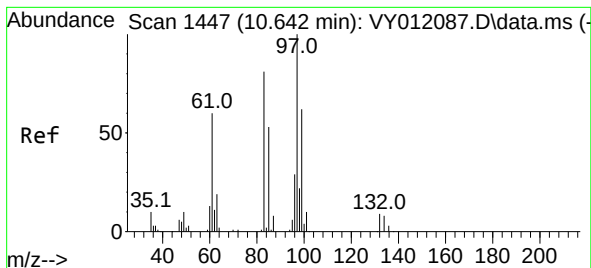
Tgt Ion: 75 Resp: 129130
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.844 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 75 Resp: 137164
Ion Ratio Lower Upper
75 100
77 30.3 25.9 38.9
39 45.8 34.6 52.0

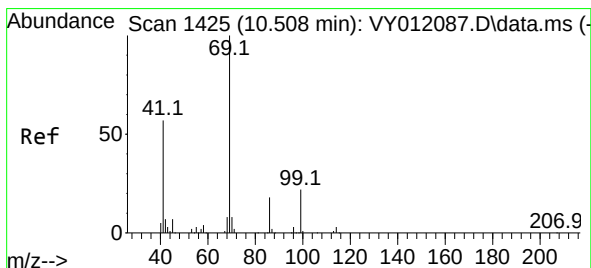
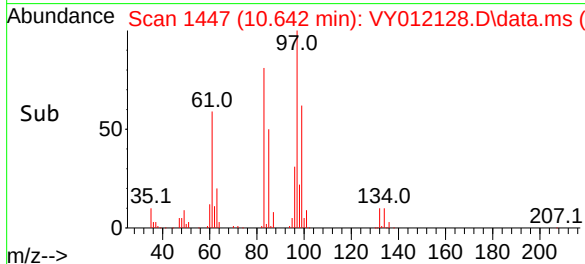
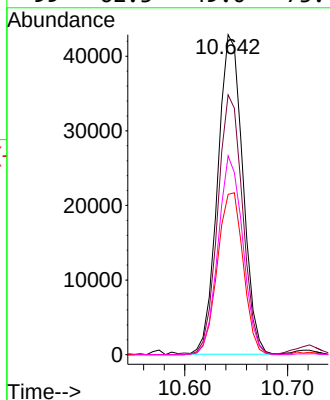
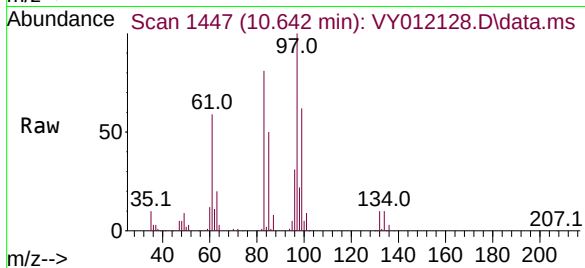




#55
1,1,2-Trichloroethane
Concen: 54.605 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

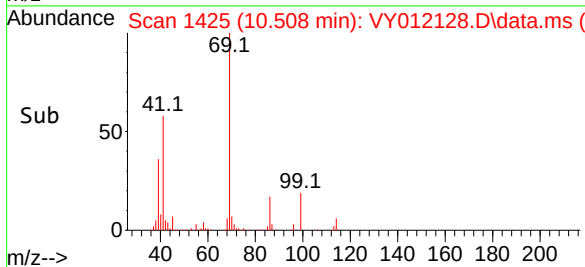
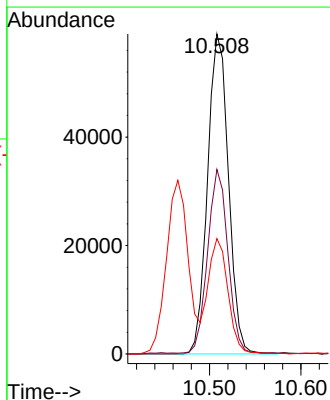
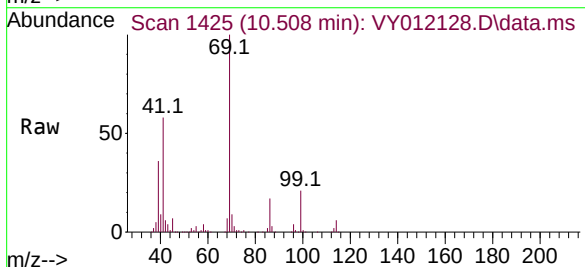
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

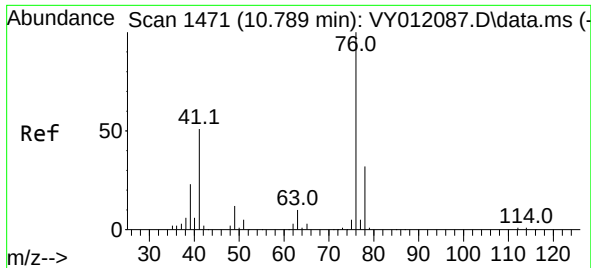
Tgt Ion:	97	Resp:	72915
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.7	101.5
85	50.2	43.8	65.8
99	62.3	49.0	73.4



#56
Ethyl methacrylate
Concen: 53.483 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion:	69	Resp:	93555
Ion	Ratio	Lower	Upper
69	100		
41	55.5	48.9	73.3
39	34.2	25.9	38.9





#57

1,3-Dichloropropane

Concen: 52.853 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

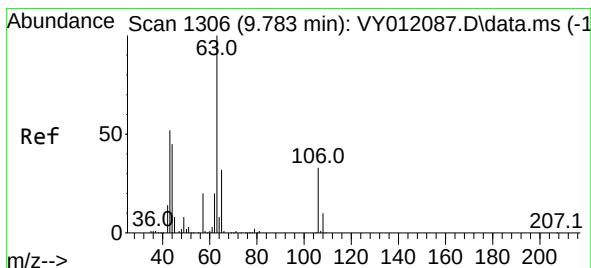
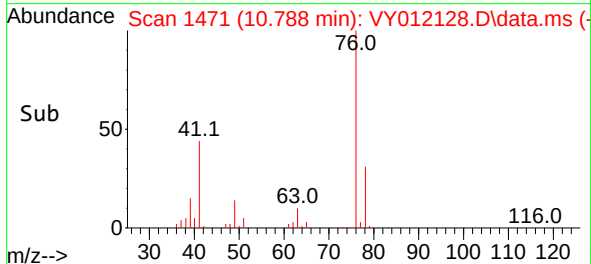
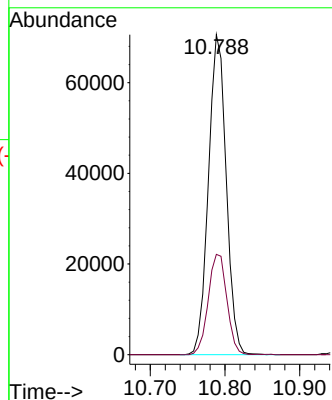
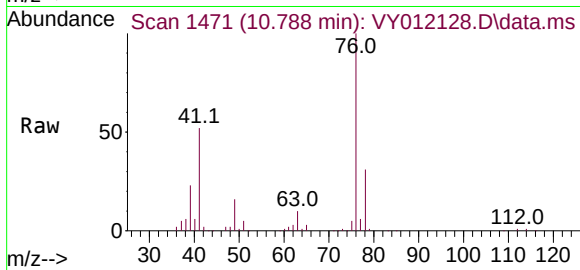
VSTDCCC050EC

Tgt Ion: 76 Resp: 116473

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 237.018 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012128.D

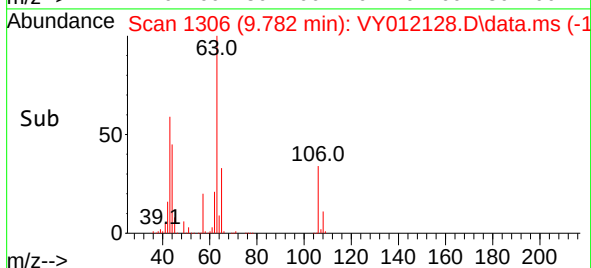
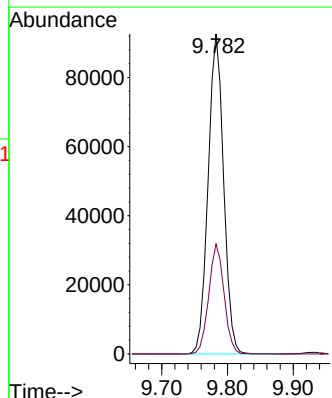
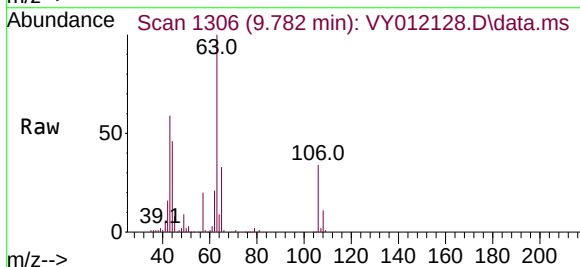
Acq: 09 Jan 2023 22:01

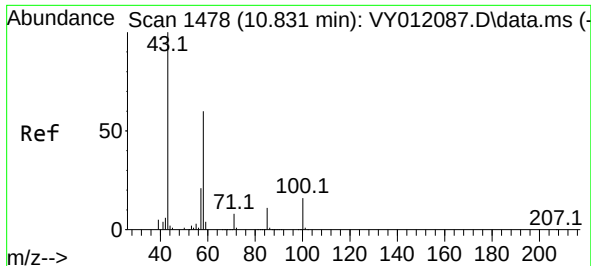
Tgt Ion: 63 Resp: 151650

Ion Ratio Lower Upper

63 100

106 33.8 23.2 34.8





#59

2-Hexanone

Concen: 265.044 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

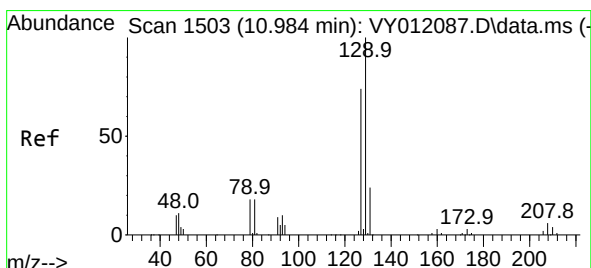
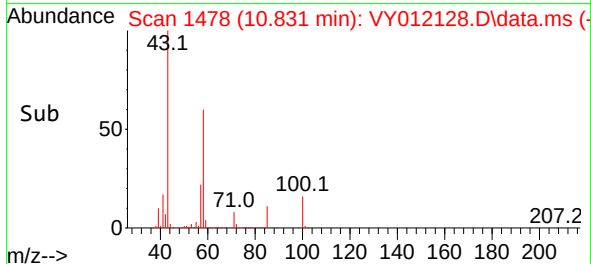
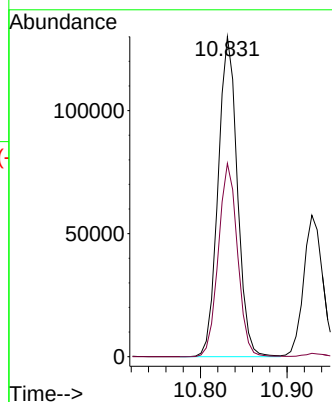
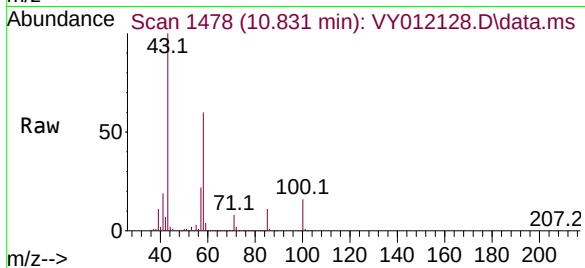
VSTDCCC050EC

Tgt Ion: 43 Resp: 201001

Ion Ratio Lower Upper

43 100

58 59.9 28.4 85.2



#60

Dibromochloromethane

Concen: 54.516 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.001 min

Lab File: VY012128.D

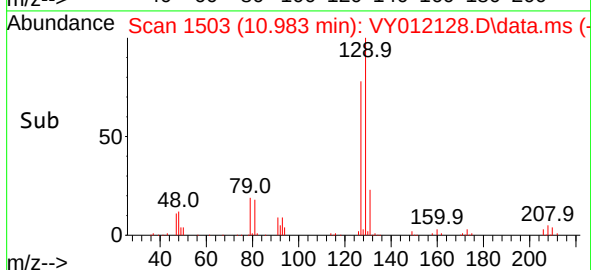
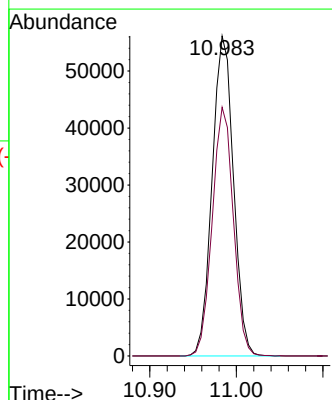
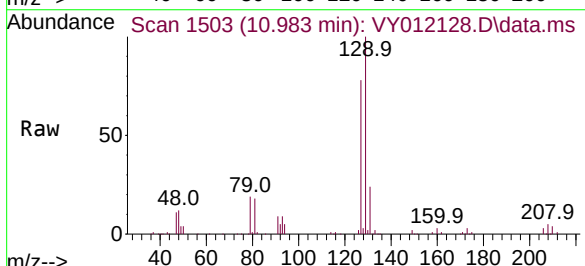
Acq: 09 Jan 2023 22:01

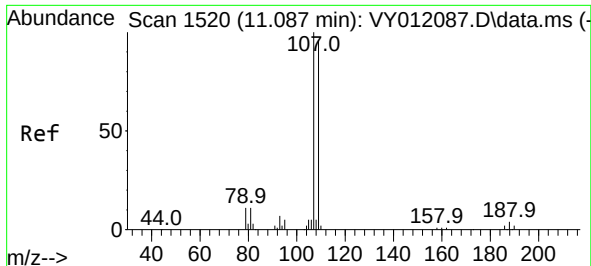
Tgt Ion: 129 Resp: 95984

Ion Ratio Lower Upper

129 100

127 77.0 38.9 116.6

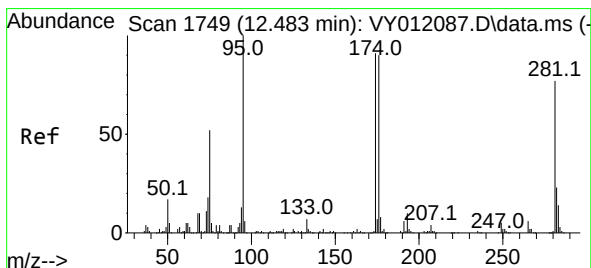
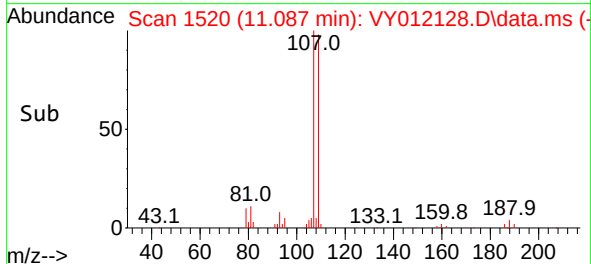
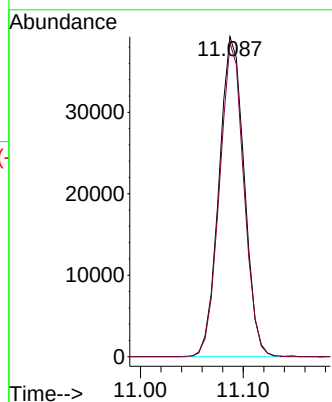
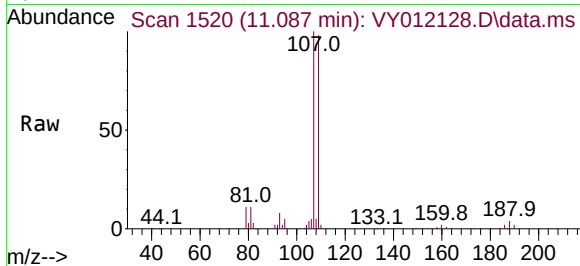




#61
1,2-Dibromoethane
Concen: 52.030 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

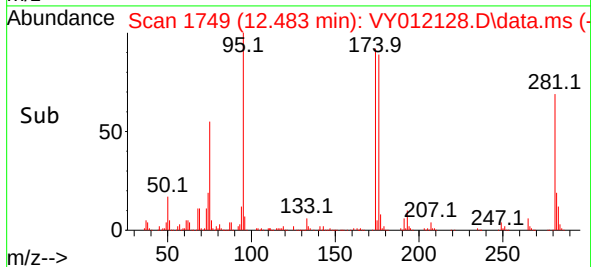
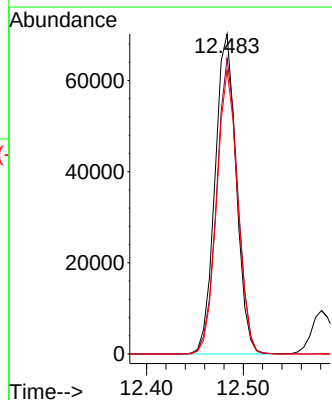
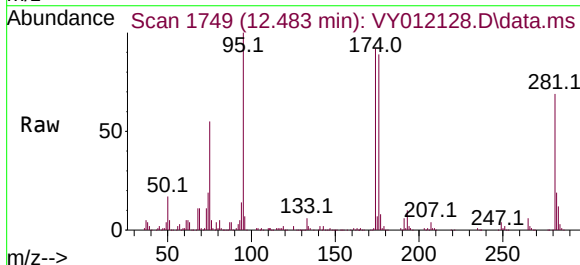
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

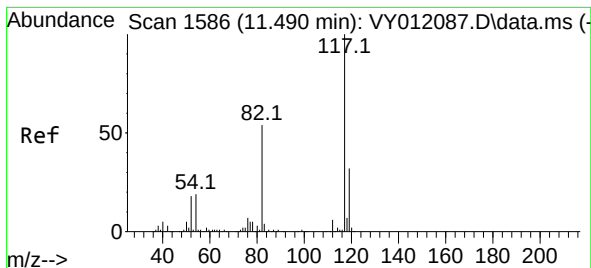
Tgt Ion:107 Resp: 66496
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.931 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 95 Resp: 106822
Ion Ratio Lower Upper
95 100
174 91.8 0.0 172.0
176 87.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

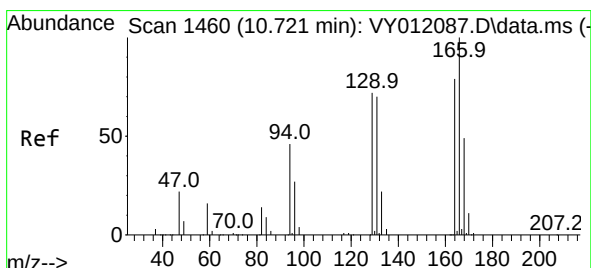
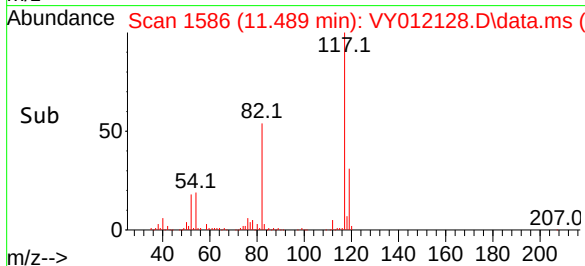
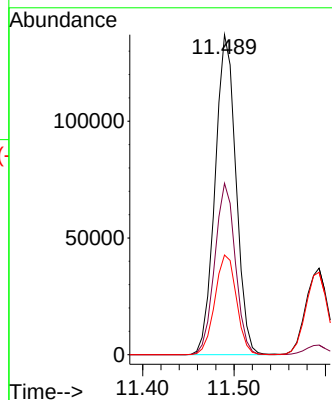
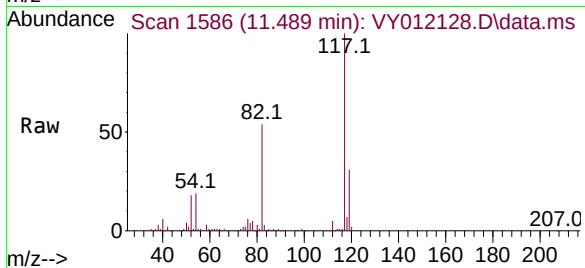
Tgt Ion:117 Resp: 217786

Ion Ratio Lower Upper

117 100

82 53.5 44.8 67.2

119 31.1 25.4 38.2



#64

Tetrachloroethene

Concen: 49.739 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Tgt Ion:164 Resp: 106117

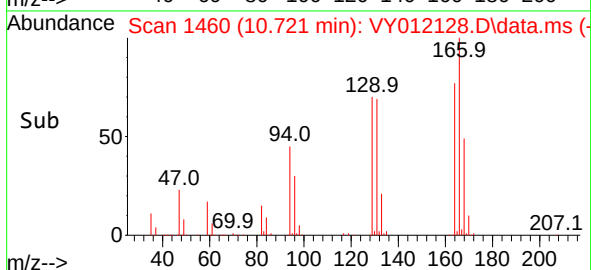
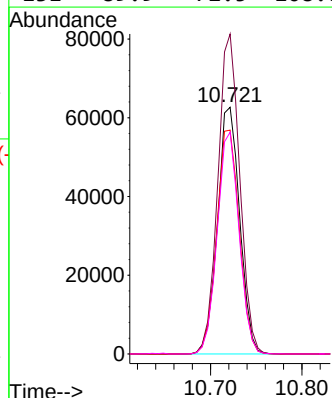
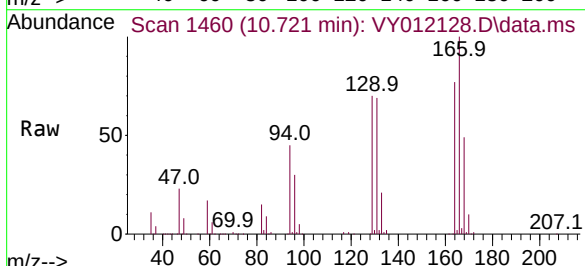
Ion Ratio Lower Upper

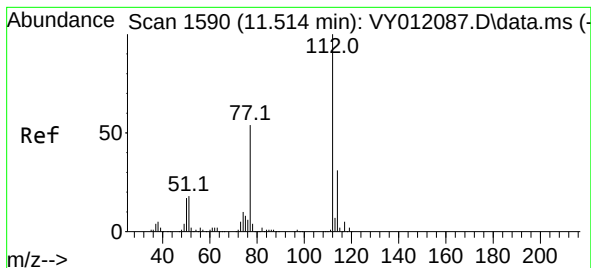
164 100

166 129.7 102.3 153.5

129 90.7 77.2 115.8

131 89.9 72.5 108.7





#65

Chlorobenzene

Concen: 48.934 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

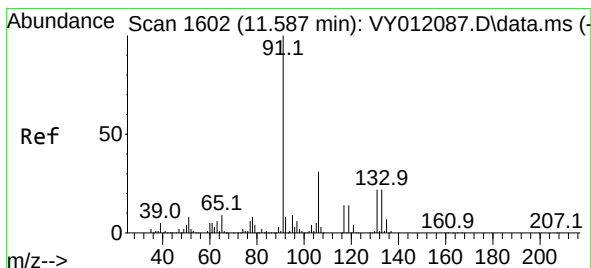
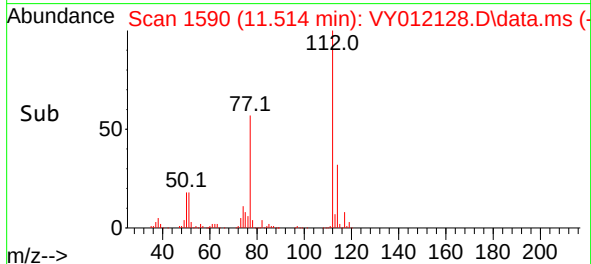
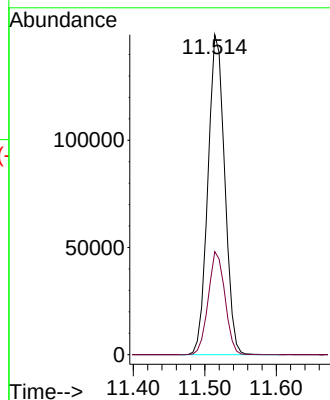
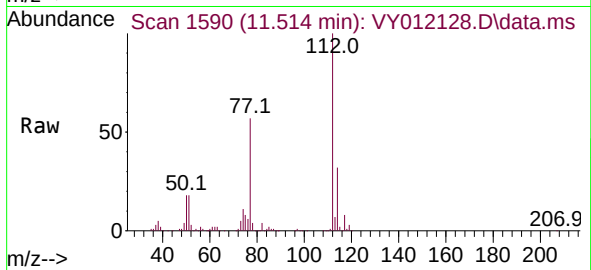
VSTDCCC050EC

Tgt Ion:112 Resp: 243394

Ion Ratio Lower Upper

112 100

114 32.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 51.327 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

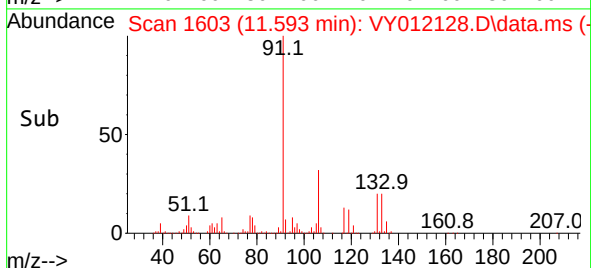
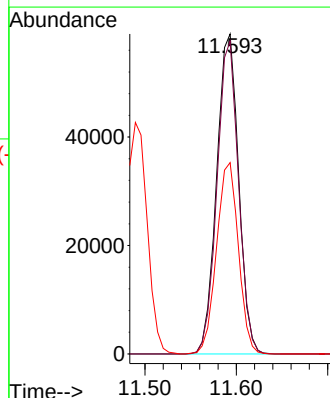
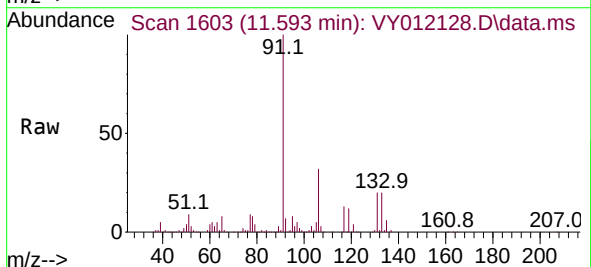
Tgt Ion:131 Resp: 98564

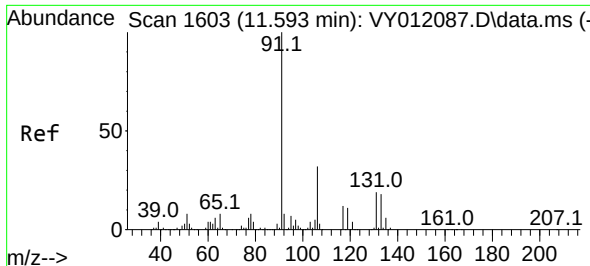
Ion Ratio Lower Upper

131 100

133 95.6 47.3 142.0

119 59.5 32.1 96.3





#67

Ethyl Benzene

Concen: 48.655 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

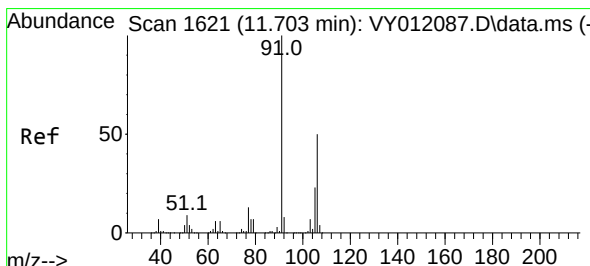
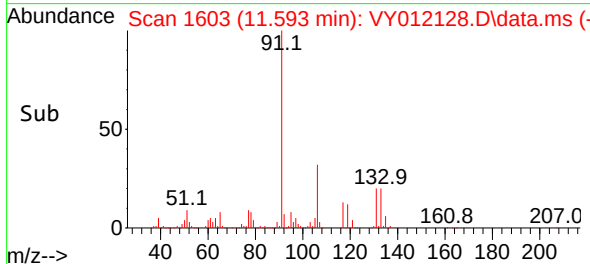
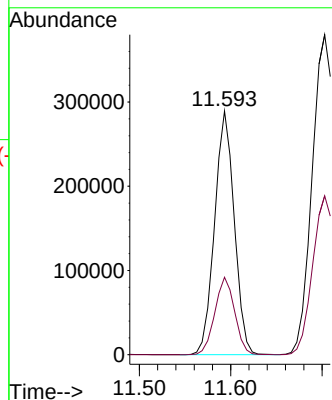
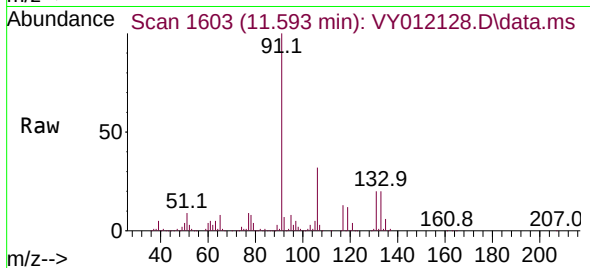
VSTDCCC050EC

Tgt Ion: 91 Resp: 432563

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 97.455 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012128.D

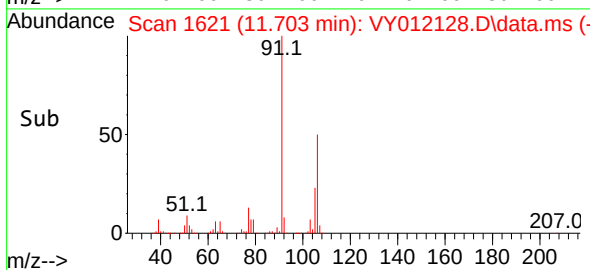
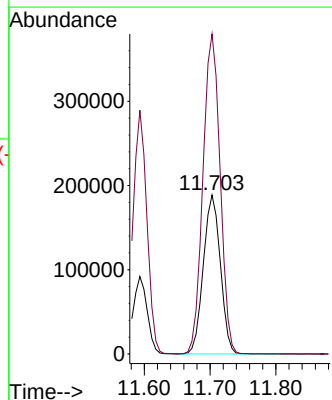
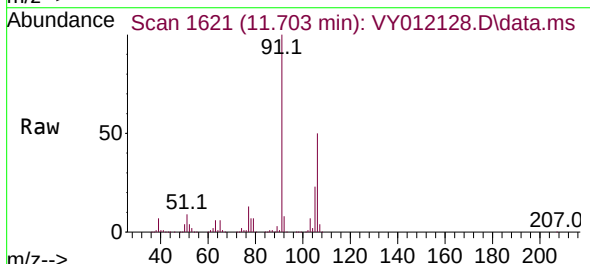
Acq: 09 Jan 2023 22:01

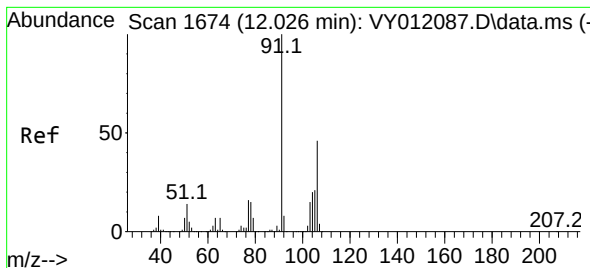
Tgt Ion:106 Resp: 339820

Ion Ratio Lower Upper

106 100

91 203.1 162.5 243.7





#69

o-Xylene

Concen: 49.984 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

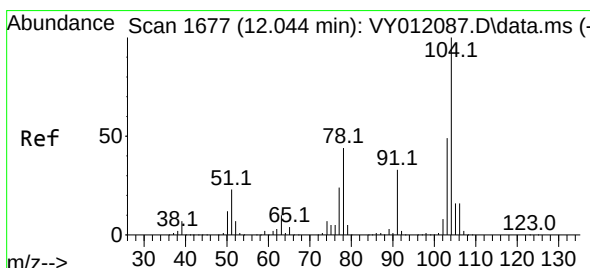
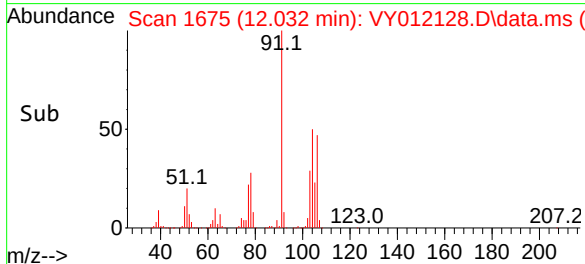
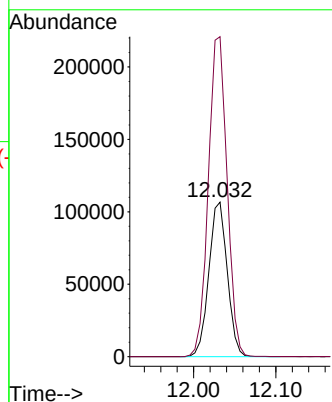
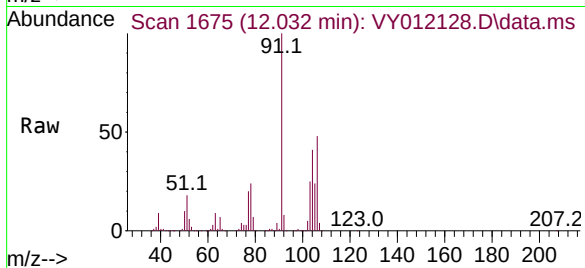
VSTDCCC050EC

Tgt Ion:106 Resp: 165952

Ion Ratio Lower Upper

106 100

91 210.5 107.5 322.4



#70

Styrene

Concen: 50.400 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

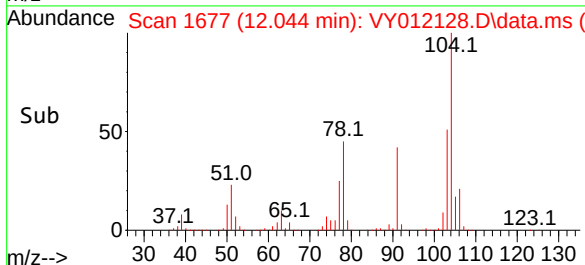
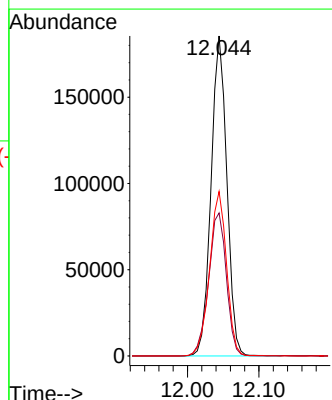
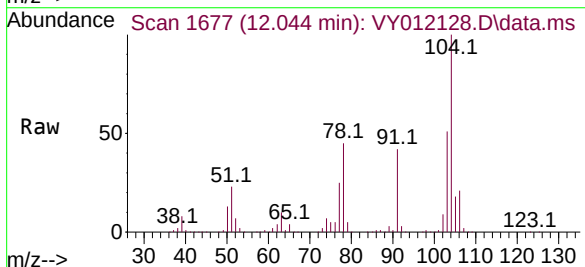
Tgt Ion:104 Resp: 284242

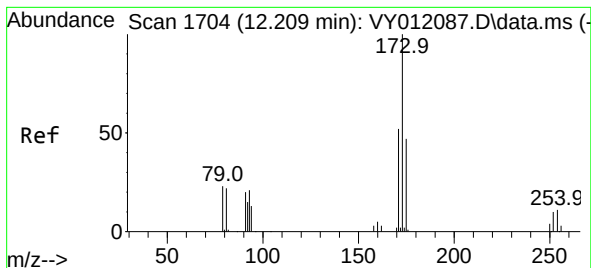
Ion Ratio Lower Upper

104 100

78 50.3 39.4 59.0

103 55.3 43.0 64.4





#71

Bromoform

Concen: 51.484 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

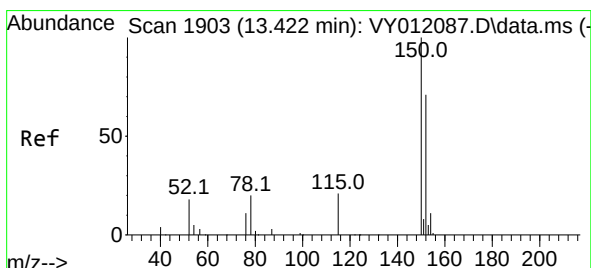
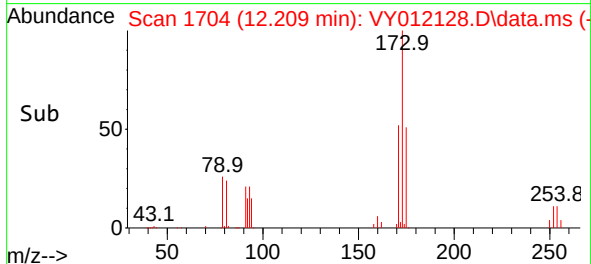
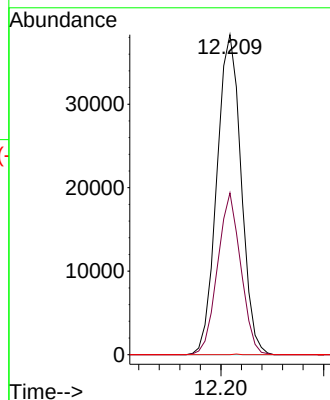
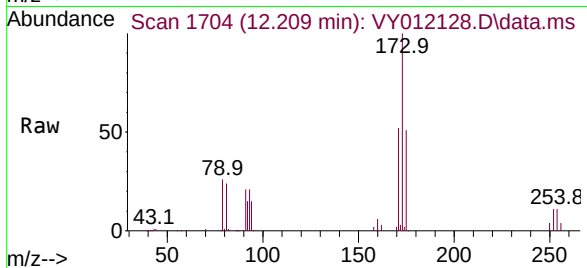
Tgt Ion:173 Resp: 62817

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: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

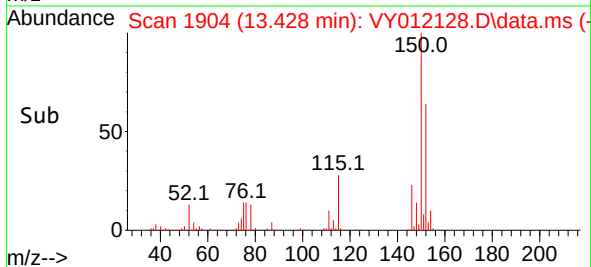
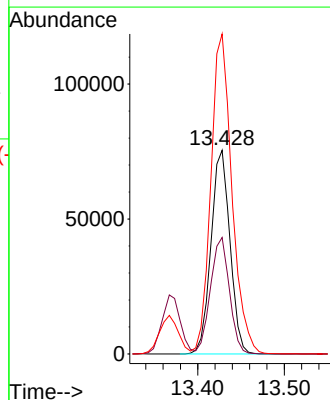
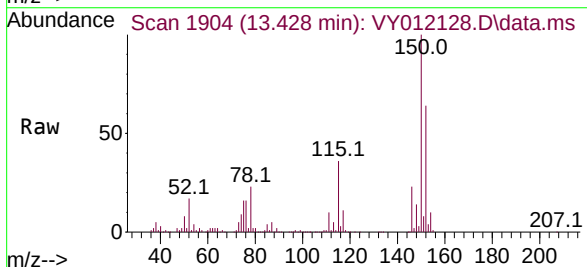
Tgt Ion:152 Resp: 114723

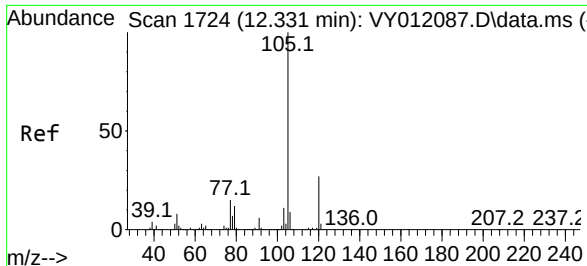
Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 174.5 0.0 342.6

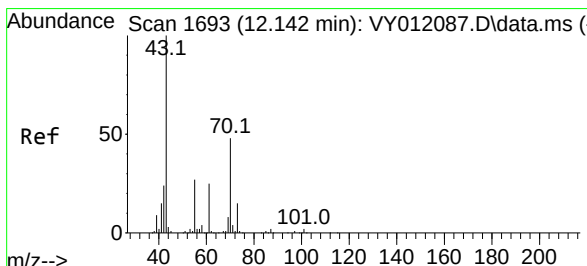
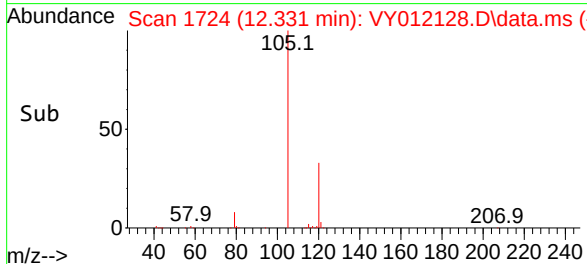
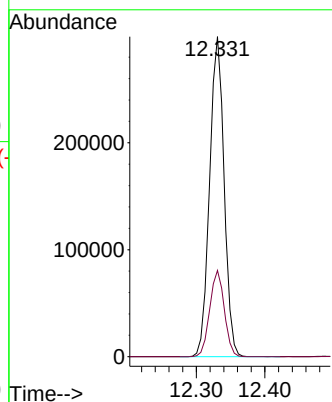
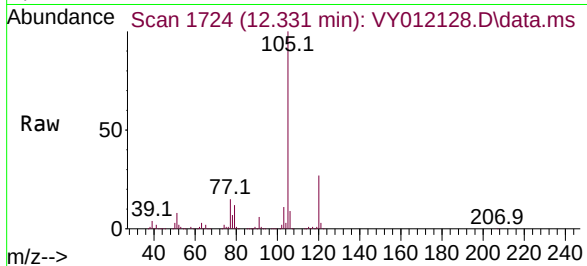




#73
Isopropylbenzene
Concen: 48.537 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

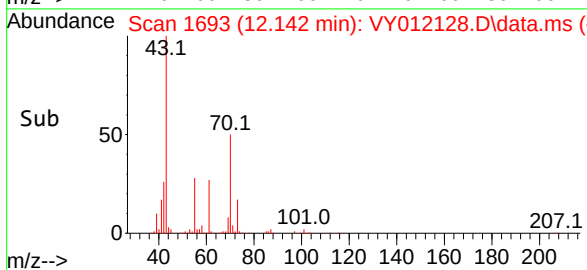
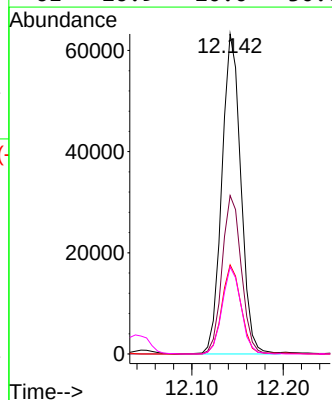
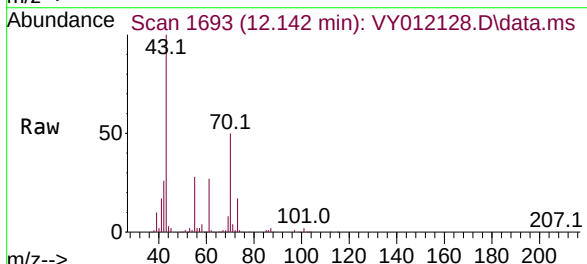
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

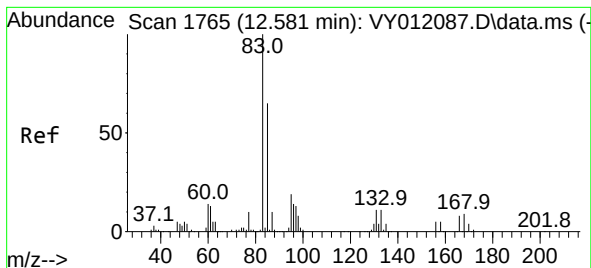
Tgt Ion:105 Resp: 440608
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6



#74
N-ethyl acetate
Concen: 48.802 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 43 Resp: 91458
Ion Ratio Lower Upper
43 100
70 49.9 35.8 53.8
55 27.9 21.0 31.4
61 26.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.452 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

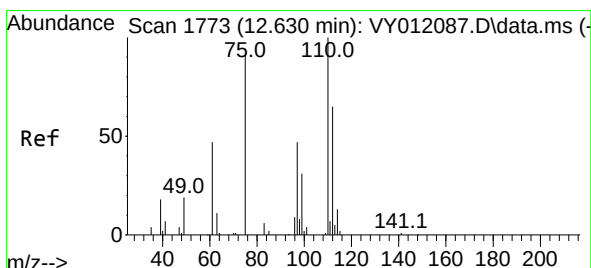
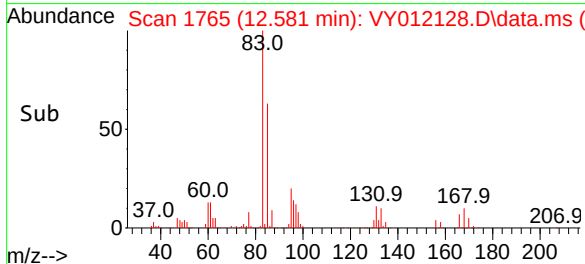
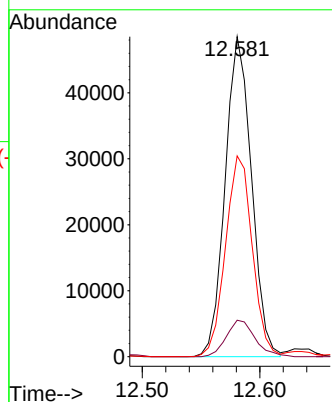
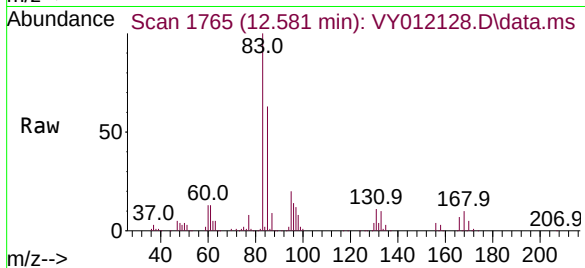
Tgt Ion: 83 Resp: 75514

Ion Ratio Lower Upper

83 100

131 12.4 5.6 16.8

85 63.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 83.252 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY012128.D

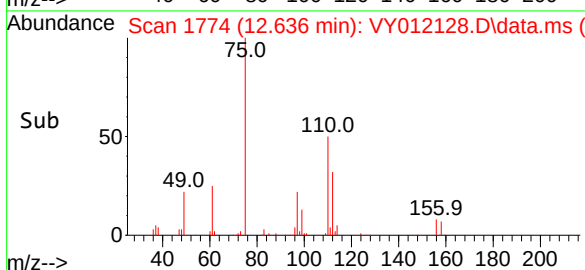
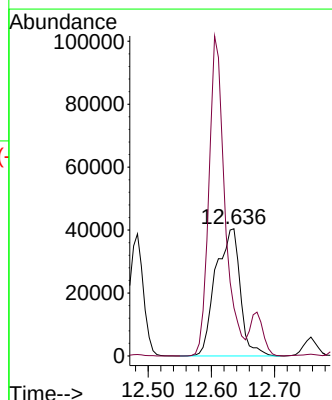
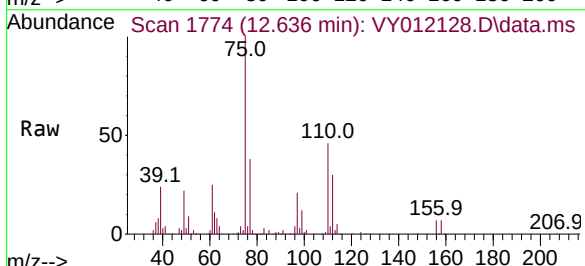
Acq: 09 Jan 2023 22:01

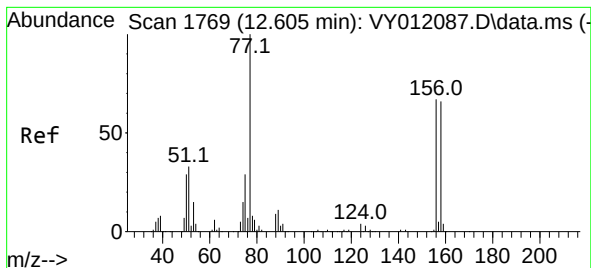
Tgt Ion: 75 Resp: 109052

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.517 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

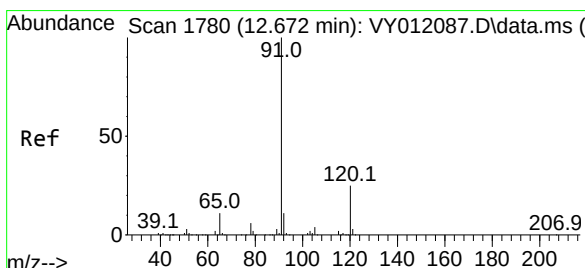
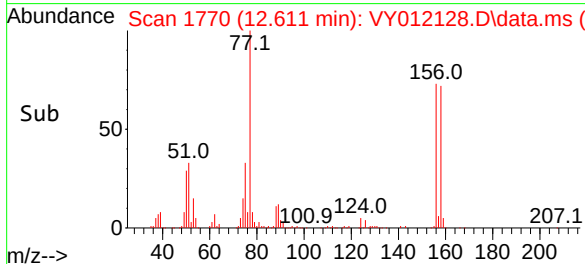
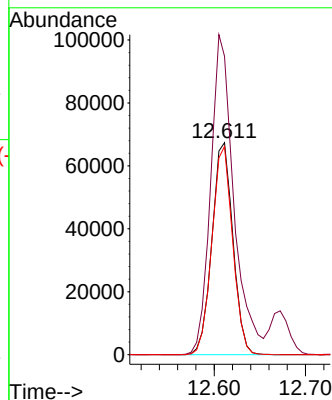
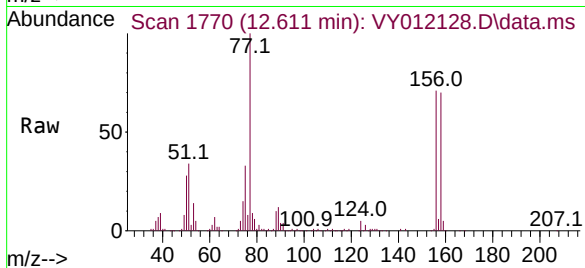
Tgt Ion:156 Resp: 107208

Ion Ratio Lower Upper

156 100

77 167.3 90.0 270.0

158 97.1 48.4 145.2



#78

n-propylbenzene

Concen: 48.268 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012128.D

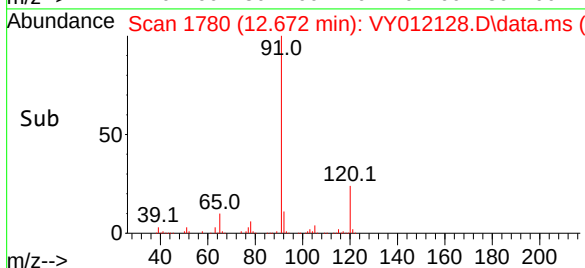
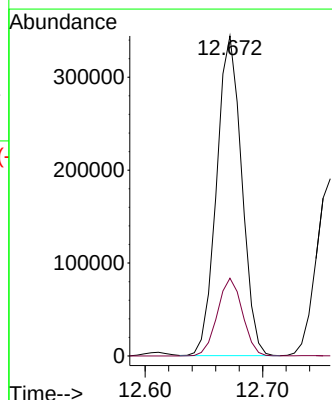
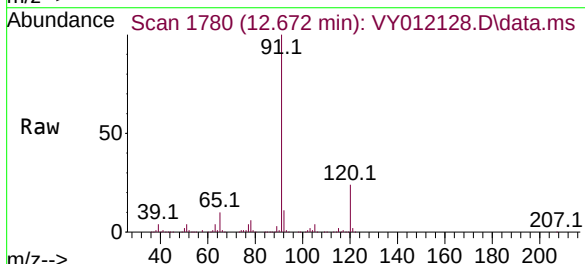
Acq: 09 Jan 2023 22:01

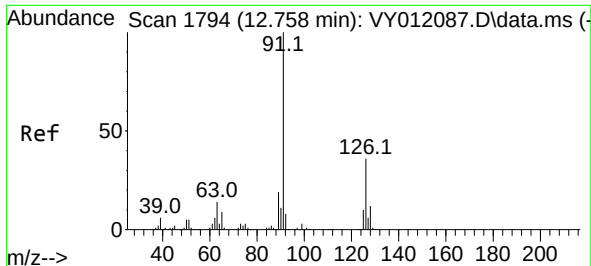
Tgt Ion: 91 Resp: 511503

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4

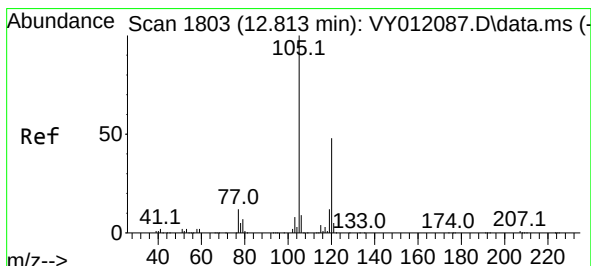
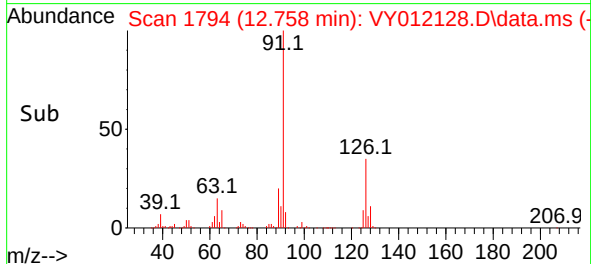
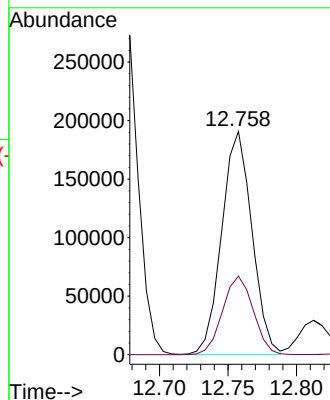
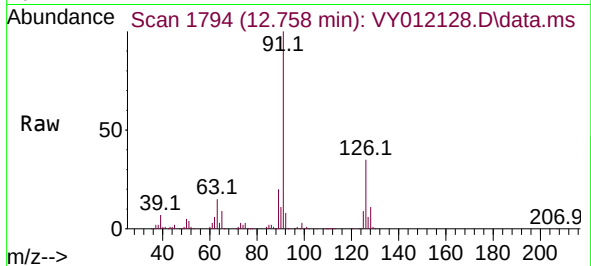




#79
2-Chlorotoluene
Concen: 48.167 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

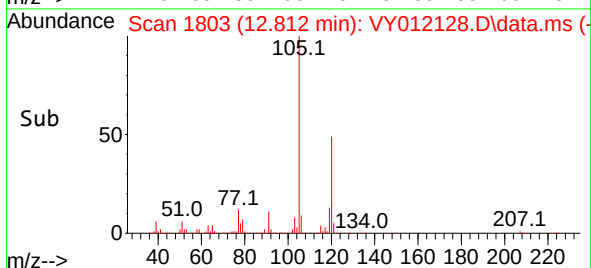
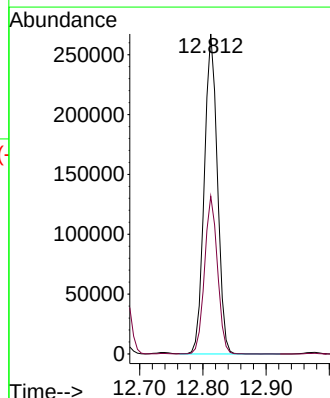
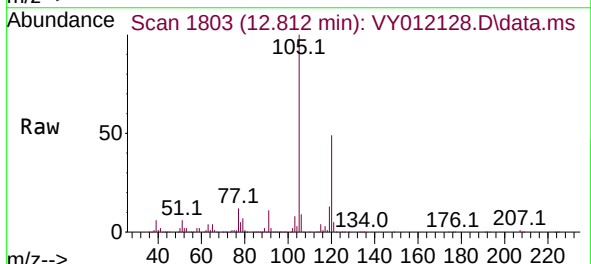
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

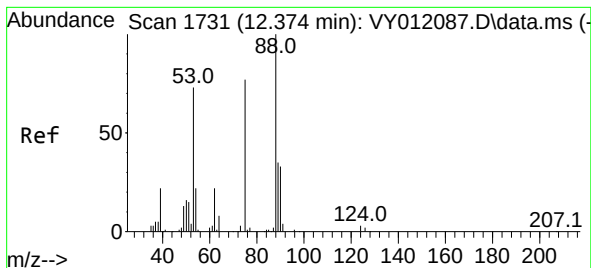
Tgt Ion: 91 Resp: 291982
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 49.597 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 105 Resp: 386160
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6

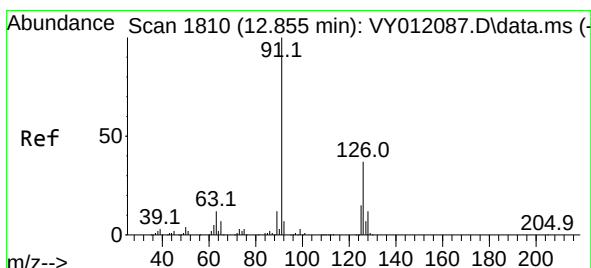
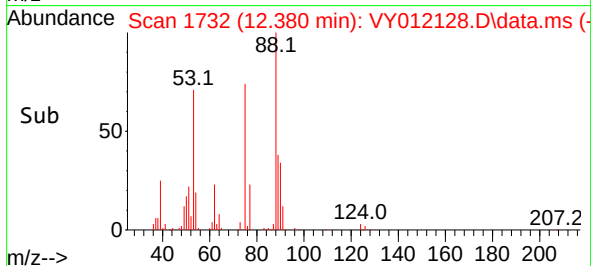
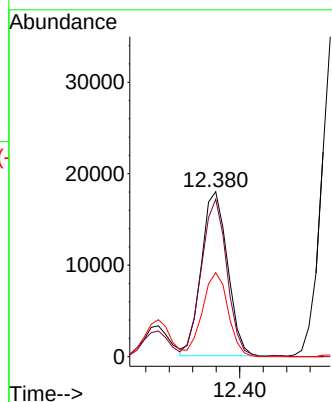
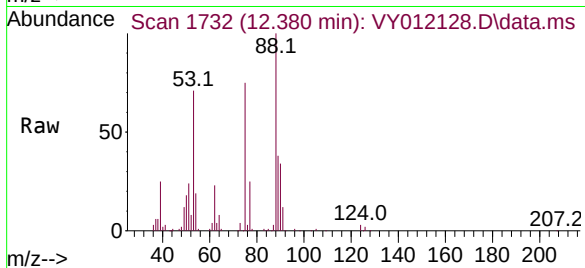




#81
trans-1,4-Dichloro-2-butene
Concen: 47.094 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

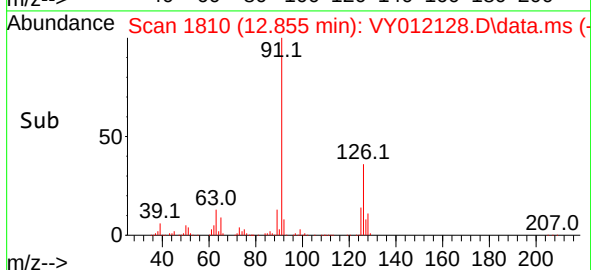
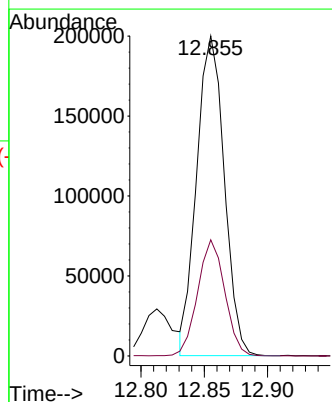
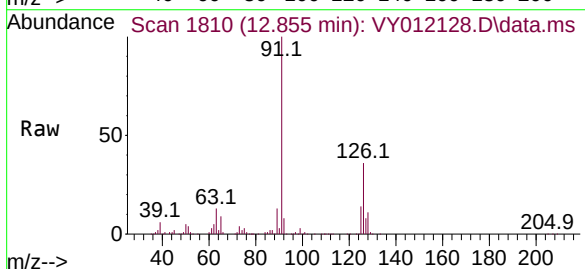
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

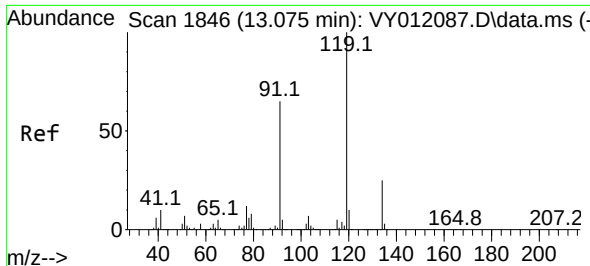
Tgt Ion: 75 Resp: 27777
Ion Ratio Lower Upper
75 100
53 93.4 72.5 108.7
89 49.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.927 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 91 Resp: 303868
Ion Ratio Lower Upper
91 100
126 35.8 17.1 51.2

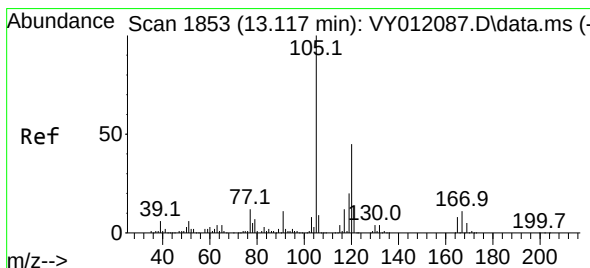
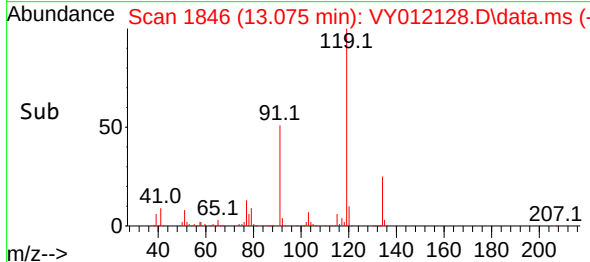
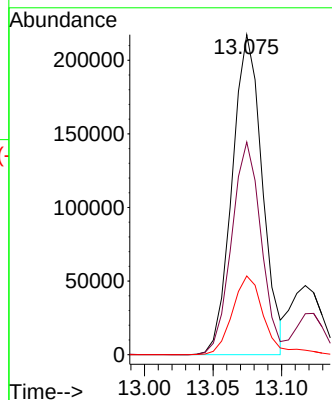
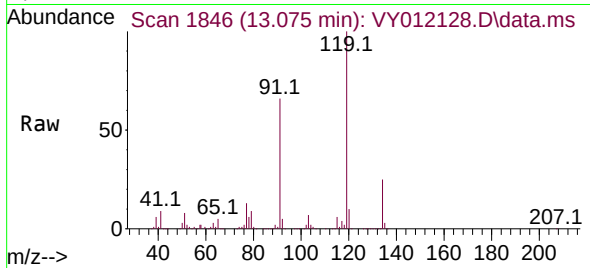




#83
 tert-Butylbenzene
 Concen: 48.827 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY012128.D
 Acq: 09 Jan 2023 22:01

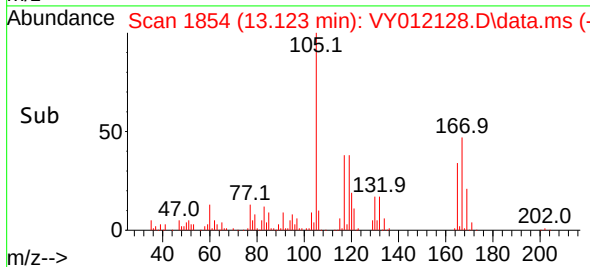
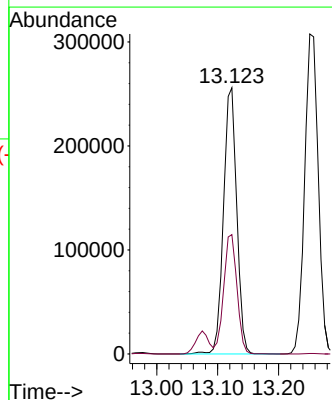
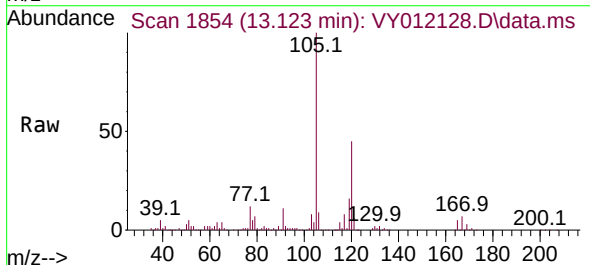
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

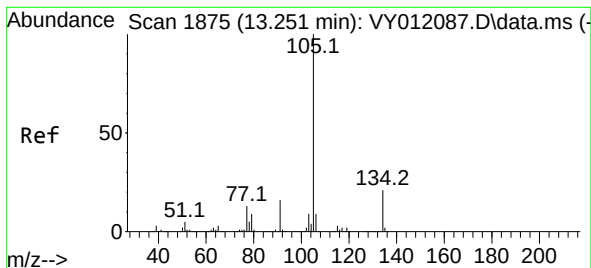
Tgt Ion:119 Resp: 333094
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.3 96.8
 134 25.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.264 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY012128.D
 Acq: 09 Jan 2023 22:01

Tgt Ion:105 Resp: 387391
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 48.537 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

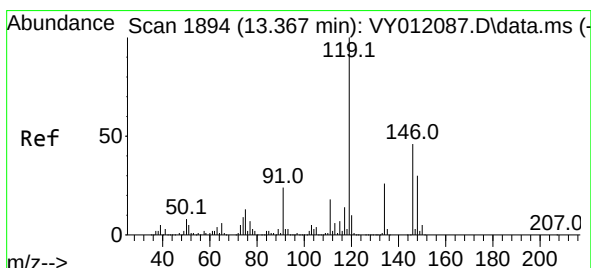
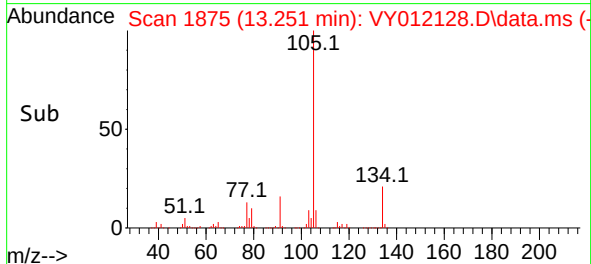
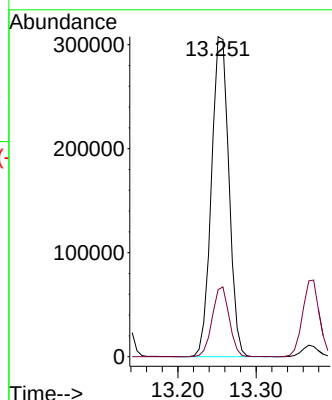
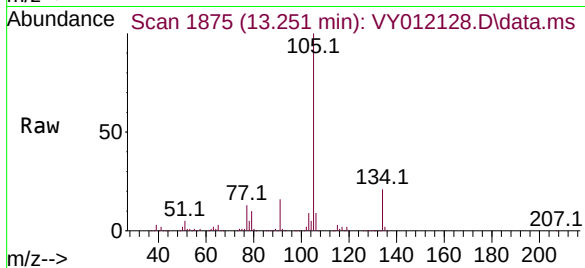
VSTDCCC050EC

Tgt Ion:105 Resp: 475923

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 49.010 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

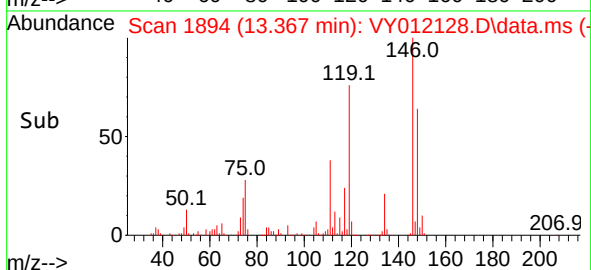
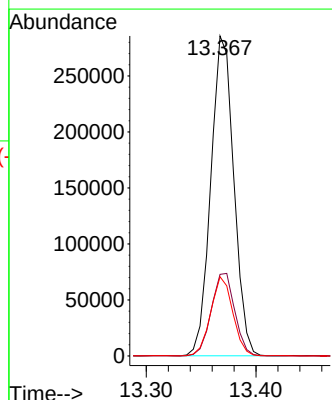
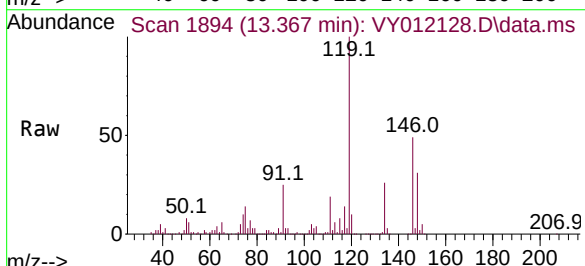
Tgt Ion:119 Resp: 416337

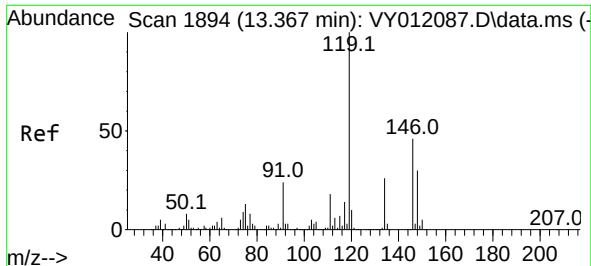
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.625 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

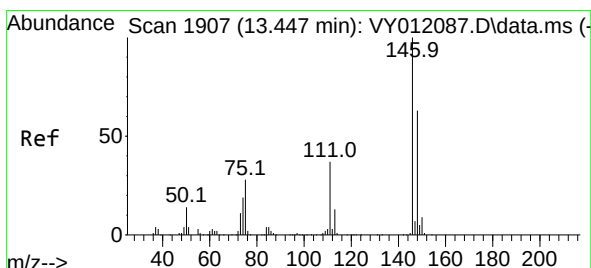
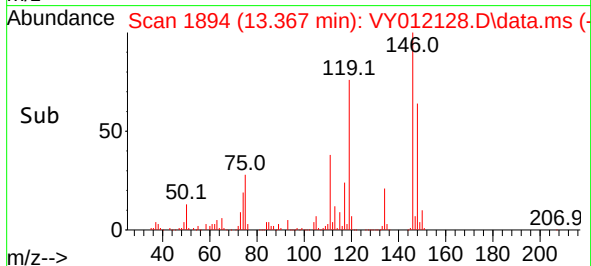
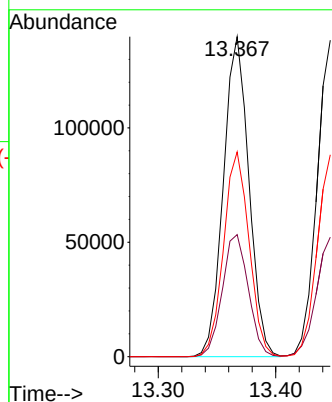
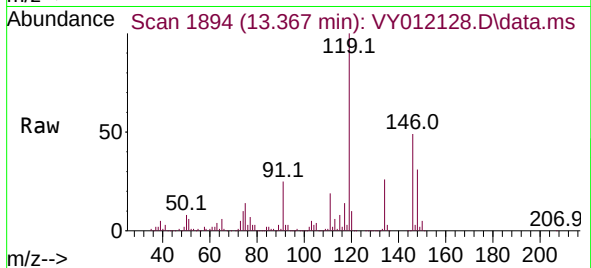
Tgt Ion:146 Resp: 211030

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.594 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

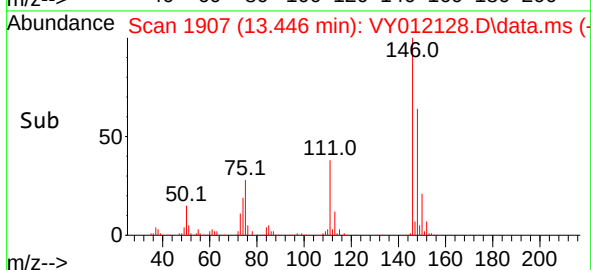
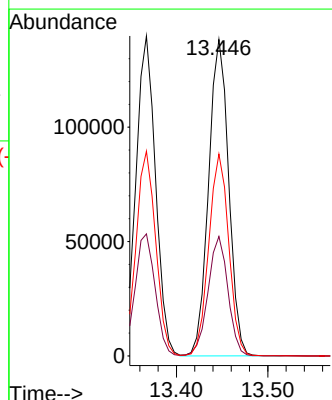
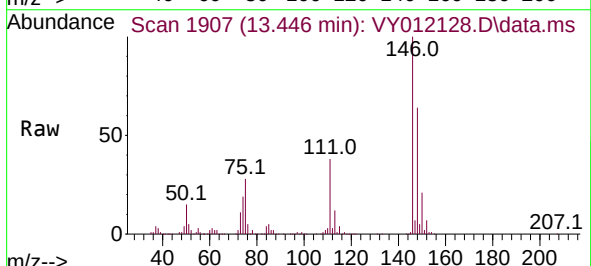
Tgt Ion:146 Resp: 210674

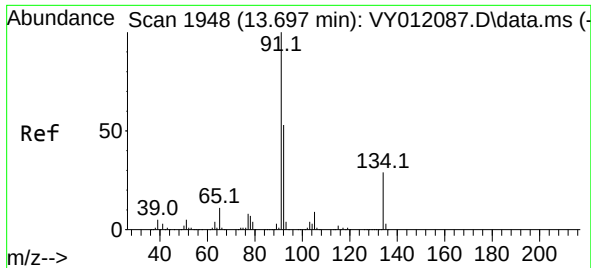
Ion Ratio Lower Upper

146 100

111 37.5 19.6 58.7

148 63.5 31.9 95.7

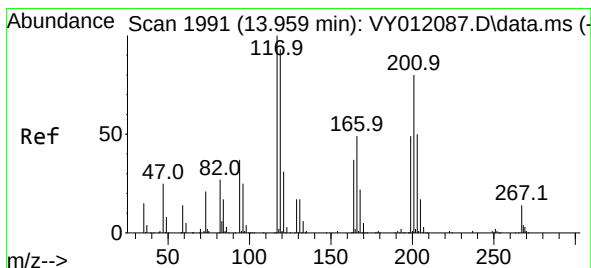
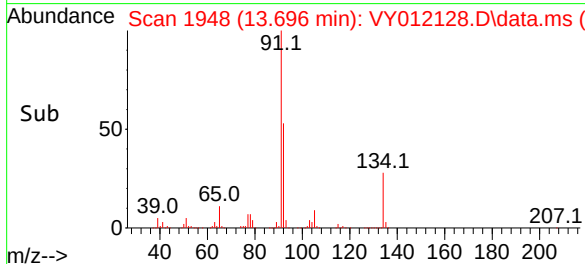
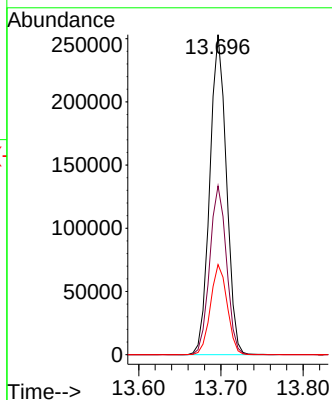
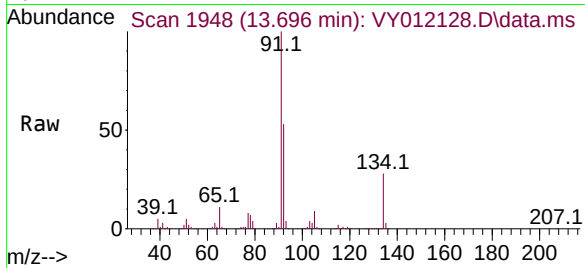




#89
n-Butylbenzene
Concen: 48.299 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

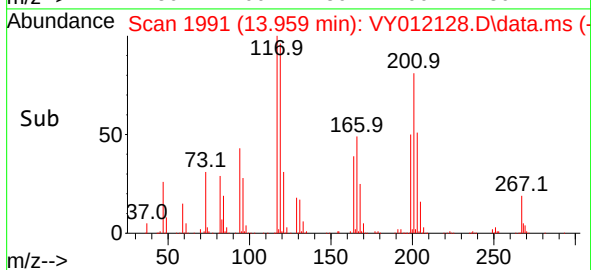
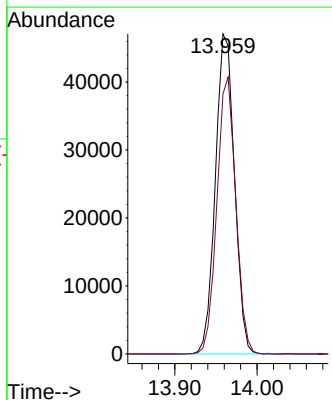
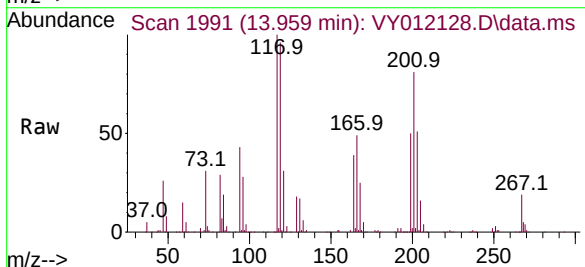
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

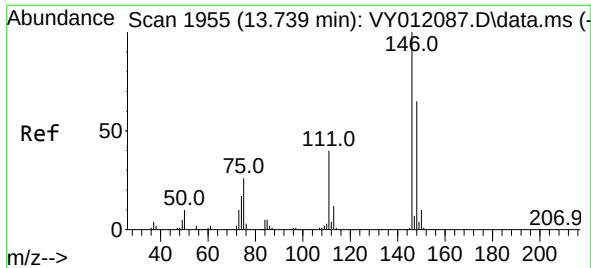
Tgt Ion: 91 Resp: 355555
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 28.3 13.3 39.8



#90
Hexachloroethane
Concen: 48.295 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012128.D
Acq: 09 Jan 2023 22:01

Tgt Ion: 117 Resp: 76112
Ion Ratio Lower Upper
117 100
201 85.4 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 48.722 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

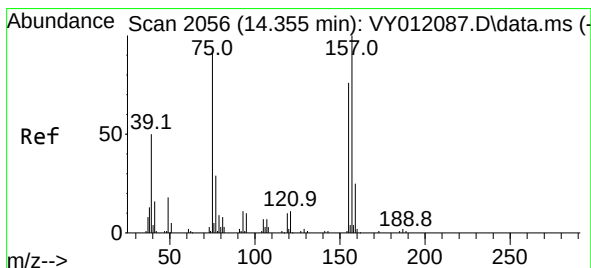
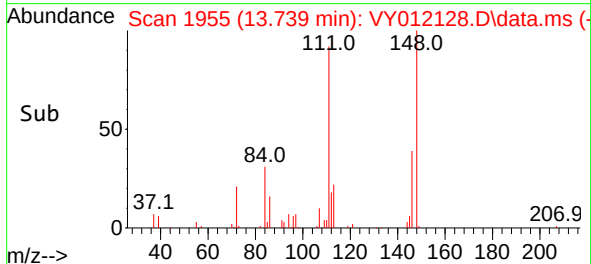
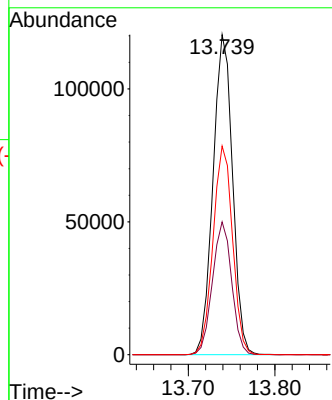
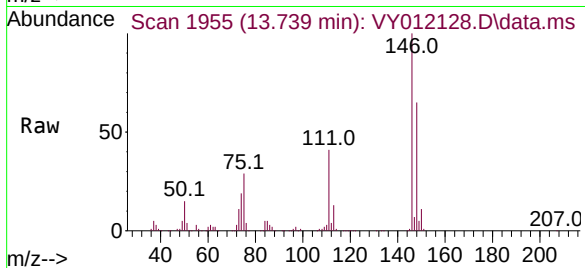
Tgt Ion:146 Resp: 188381

Ion Ratio Lower Upper

146 100

111 40.9 20.3 60.8

148 65.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.750 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

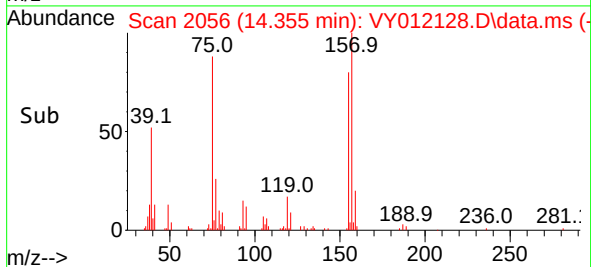
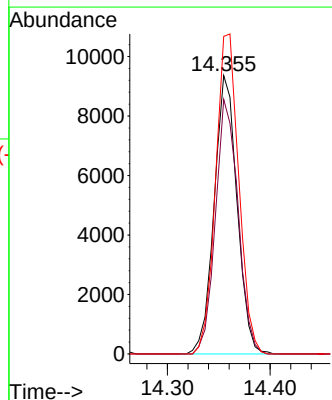
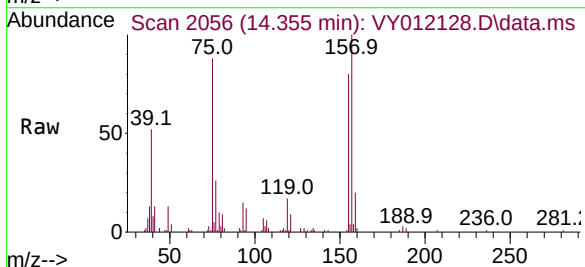
Tgt Ion: 75 Resp: 14492

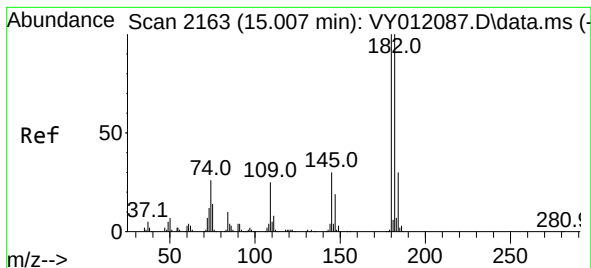
Ion Ratio Lower Upper

75 100

155 90.1 42.3 126.8

157 116.0 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 48.292 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

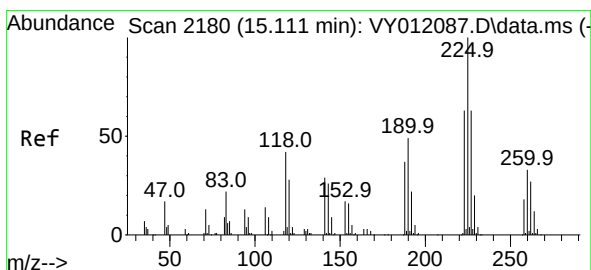
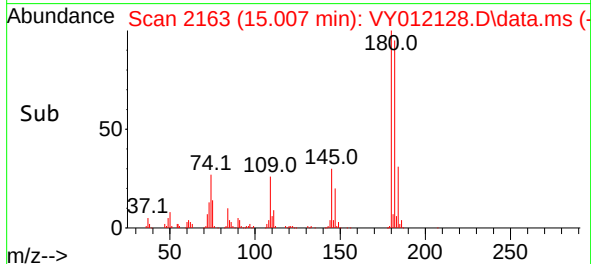
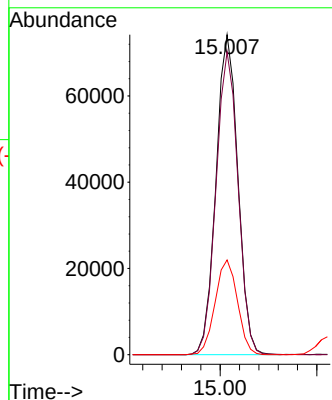
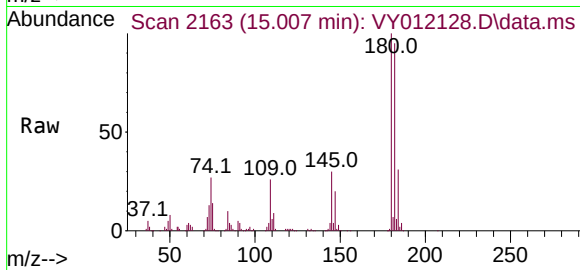
Tgt Ion:180 Resp: 116409

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 30.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 48.028 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

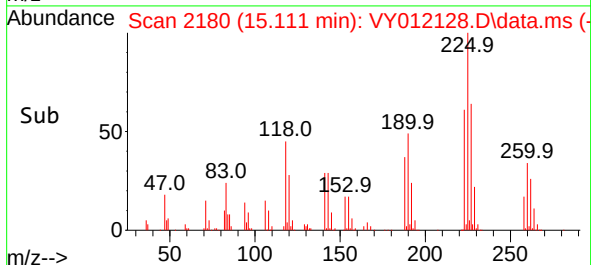
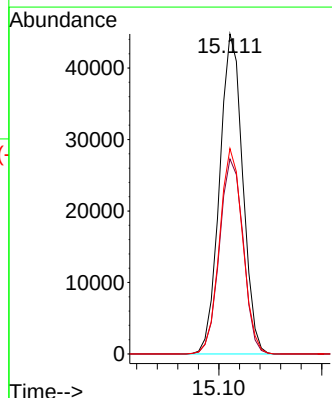
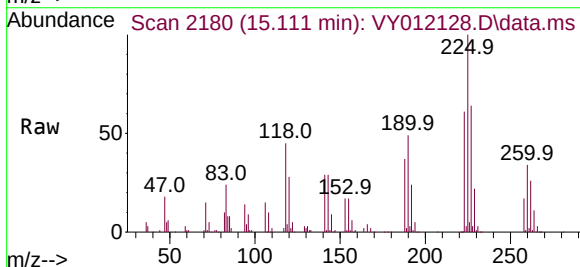
Tgt Ion:225 Resp: 69852

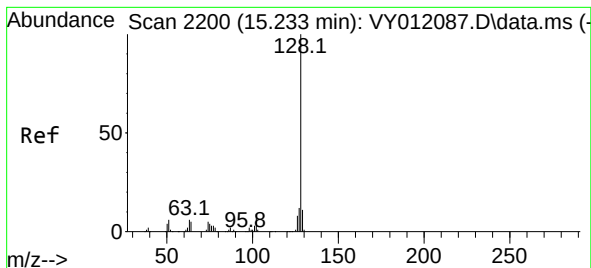
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.2

227 64.3 32.6 97.8





#95

Naphthalene

Concen: 49.494 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

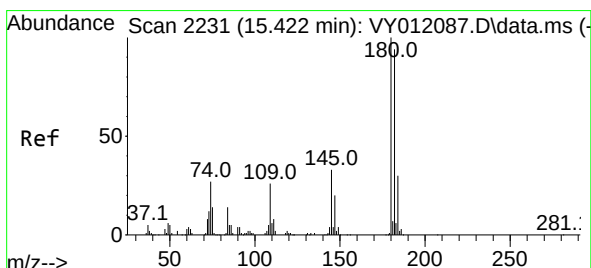
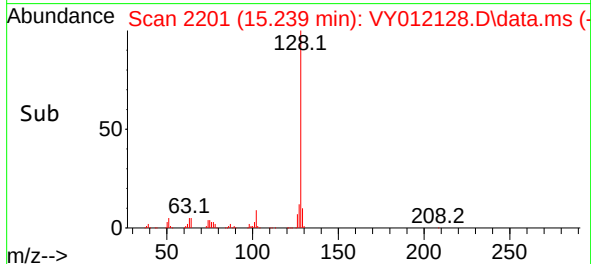
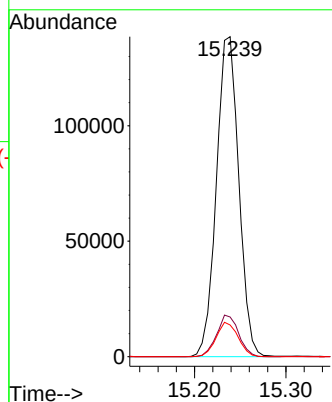
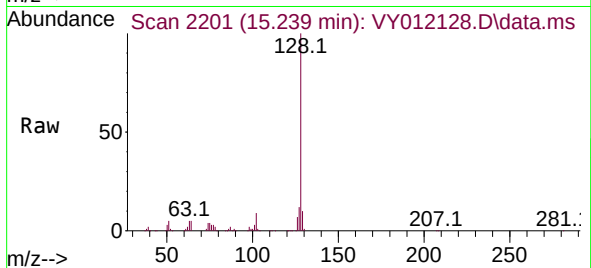
Tgt Ion:128 Resp: 236113

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.544 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012128.D

Acq: 09 Jan 2023 22:01

Tgt Ion:180 Resp: 101738

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 32.1 16.1 48.2

