

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010440.D
 Acq On : 12 Sep 2022 11:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 05:07:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	254881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	397874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136303	53.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.200%
35) Dibromofluoromethane	7.710	113	134964	47.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.520%
50) Toluene-d8	10.179	98	505983	55.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.500%
62) 4-Bromofluorobenzene	12.483	95	177005	48.587	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	85793	49.760	ug/l	99
3) Chloromethane	2.113	50	145134	50.683	ug/l	95
4) Vinyl Chloride	2.247	62	173480	49.105	ug/l	100
5) Bromomethane	2.644	94	117599	47.514	ug/l	99
6) Chloroethane	2.784	64	114548	48.475	ug/l	99
7) Trichlorofluoromethane	3.119	101	212388	47.460	ug/l	95
8) Diethyl Ether	3.528	74	71204	49.129	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	126540	48.295	ug/l	96
10) Methyl Iodide	4.082	142	159025	49.048	ug/l	91
11) Tert butyl alcohol	4.954	59	57930	205.295	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	118806	48.334	ug/l	85
13) Acrolein	3.723	56	66588	271.899	ug/l	98
14) Allyl chloride	4.472	41	182489	51.557	ug/l #	94
15) Acrylonitrile	5.155	53	176556	251.647	ug/l	98
16) Acetone	3.942	43	161750	274.563	ug/l	91
17) Carbon Disulfide	4.186	76	316717	47.648	ug/l	99
18) Methyl Acetate	4.466	43	84657	46.711	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	347609	51.209	ug/l	96
20) Methylene Chloride	4.710	84	144831	50.890	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	137013	49.092	ug/l	89
22) Diisopropyl ether	6.112	45	412134	52.155	ug/l #	91
23) Vinyl Acetate	6.051	43	1282010	264.737	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	245663	51.351	ug/l	99
25) 2-Butanone	6.978	43	233088	248.963	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	226026	49.513	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	162822	50.189	ug/l	87
28) Bromochloromethane	7.326	49	85674	55.856	ug/l #	83
29) Tetrahydrofuran	7.344	42	144959	248.081	ug/l #	86
30) Chloroform	7.502	83	258420	50.925	ug/l	100
31) Cyclohexane	7.777	56	204187	47.083	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	232646	50.631	ug/l	96
36) 1,1-Dichloropropene	7.911	75	189078	48.877	ug/l	96
37) Ethyl Acetate	7.063	43	101556	49.939	ug/l #	94
38) Carbon Tetrachloride	7.893	117	210806	48.982	ug/l	99
39) Methylcyclohexane	9.179	83	229992	47.682	ug/l	91
40) Benzene	8.155	78	556935	50.012	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	138111	118.798	ug/l #	14
42) 1,2-Dichloroethane	8.234	62	166449	50.263	ug/l	92
43) Isopropyl Acetate	8.271	43	187836	50.471	ug/l #	91
44) Trichloroethene	8.935	130	159187	48.562	ug/l	98
45) 1,2-Dichloropropane	9.209	63	138649	51.050	ug/l	95
46) Dibromomethane	9.301	93	81481	49.749	ug/l	97
47) Bromodichloromethane	9.496	83	200447	51.525	ug/l	98
48) Methyl methacrylate	9.289	41	85593	51.208	ug/l #	86
49) 1,4-Dioxane	9.295	88	22411	1033.684	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	515429	252.492	ug/l	90
52) Toluene	10.240	92	362647	49.764	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	203053	50.719	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	231168	51.193	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	116584	50.041	ug/l	99
56) Ethyl methacrylate	10.508	69	155029	50.668	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	195357	50.429	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	182379	213.050	ug/l	93
59) 2-Hexanone	10.831	43	357829	257.152	ug/l	89
60) Dibromochloromethane	10.983	129	143916	50.549	ug/l	100
61) 1,2-Dibromoethane	11.087	107	110193	48.723	ug/l	100
64) Tetrachloroethene	10.715	164	156355	48.460	ug/l	99
65) Chlorobenzene	11.514	112	395777	49.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	151743	51.180	ug/l	98
67) Ethyl Benzene	11.593	91	705518	49.796	ug/l	96
68) m/p-Xylenes	11.703	106	557793	100.282	ug/l	93
69) o-Xylene	12.026	106	267525	50.370	ug/l	92
70) Styrene	12.044	104	453009	50.395	ug/l	96
71) Bromoform	12.209	173	92504	49.903	ug/l #	98
73) Isopropylbenzene	12.331	105	705733	49.300	ug/l	100
74) N-amyl acetate	12.142	43	172512	51.650	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	131509	49.110	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	177021	87.422	ug/l #	100
77) Bromobenzene	12.611	156	167961	49.516	ug/l	93
78) n-propylbenzene	12.672	91	844042	49.792	ug/l	98
79) 2-Chlorotoluene	12.758	91	474753	49.858	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	596745	49.406	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	46462	50.947	ug/l	88
82) 4-Chlorotoluene	12.855	91	492212	49.688	ug/l	98
83) tert-Butylbenzene	13.075	119	525759	49.802	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	591876	50.082	ug/l	98
85) sec-Butylbenzene	13.251	105	774011	49.514	ug/l	99
86) p-Isopropyltoluene	13.367	119	656743	49.668	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	335167	49.207	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	329979	48.923	ug/l	98
89) n-Butylbenzene	13.696	91	599088	49.914	ug/l	98
90) Hexachloroethane	13.959	117	123100	49.585	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	296338	49.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21634	47.863	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	185443	49.492	ug/l	99
94) Hexachlorobutadiene	15.111	225	108824	48.135	ug/l	99
95) Naphthalene	15.233	128	365896	49.509	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	158887	48.577	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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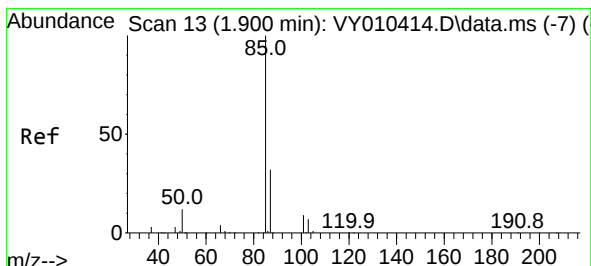
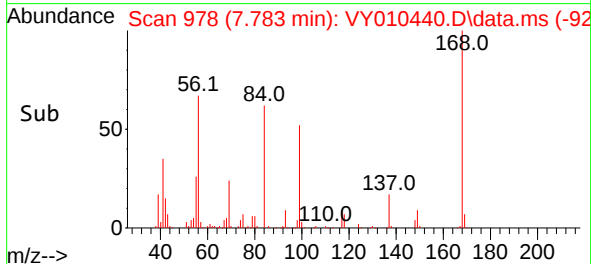
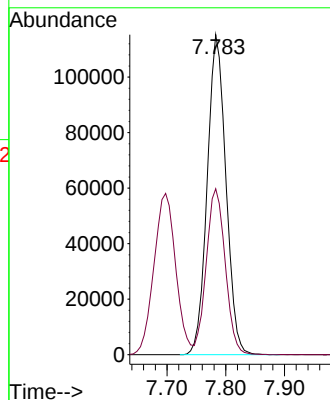
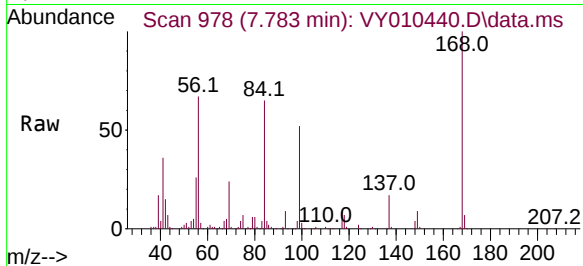




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

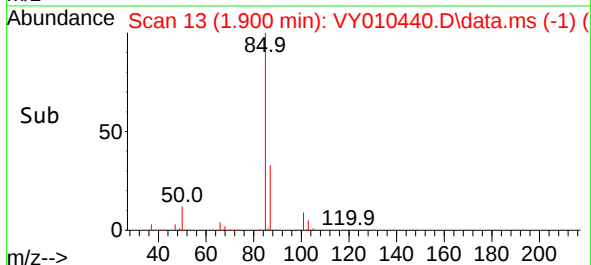
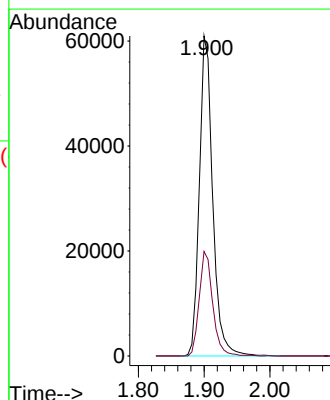
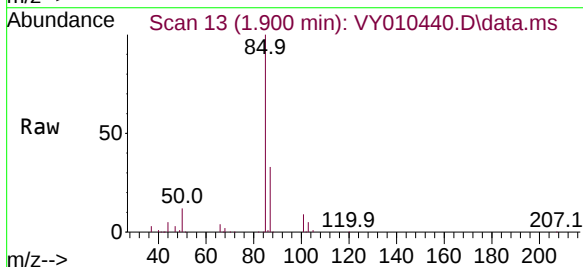
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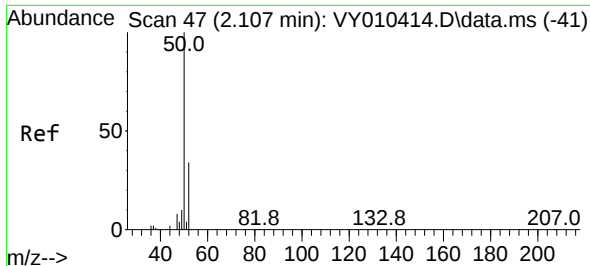
Tgt Ion:168 Resp: 254881
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 49.760 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 85 Resp: 85793
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

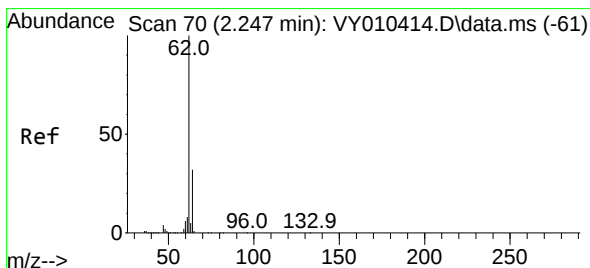
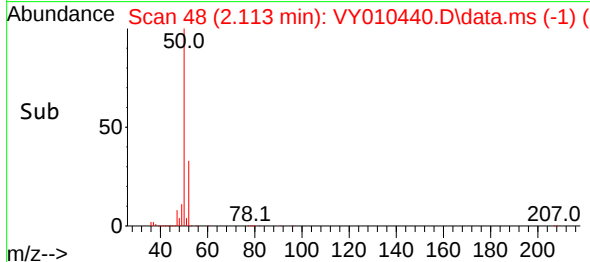
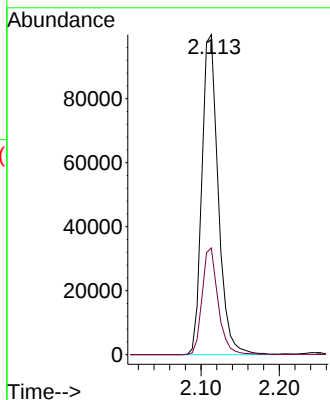
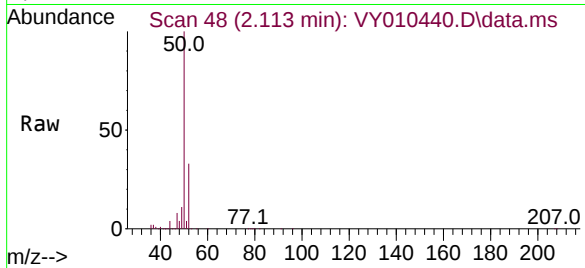




#3
Chloromethane
Concen: 50.683 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

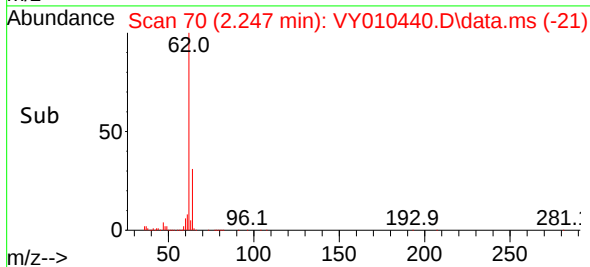
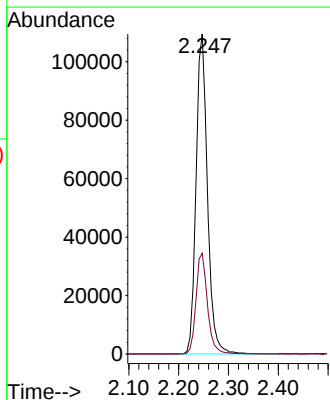
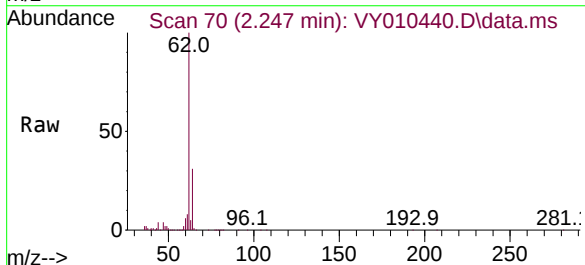
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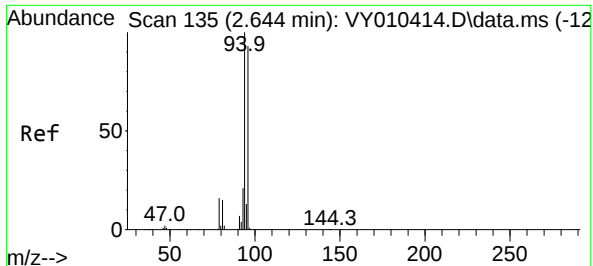
Tgt Ion: 50 Resp: 145134
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 49.105 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 62 Resp: 173480
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6

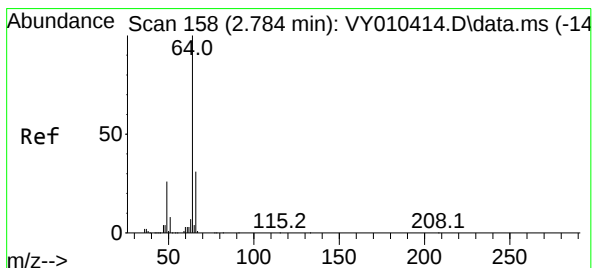
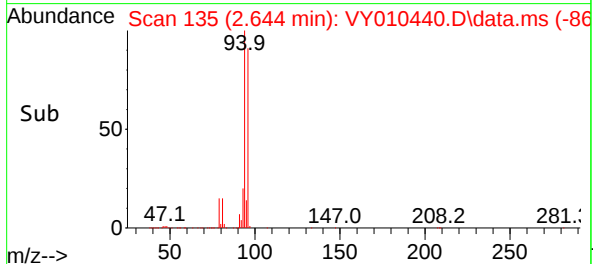
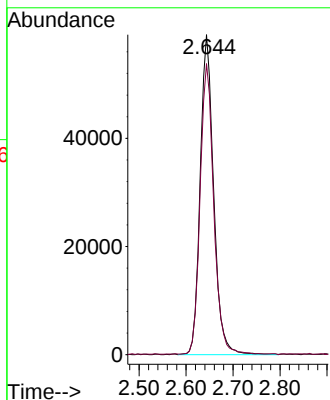
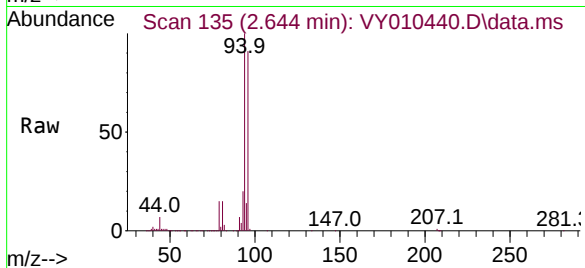




#5
Bromomethane
Concen: 47.514 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

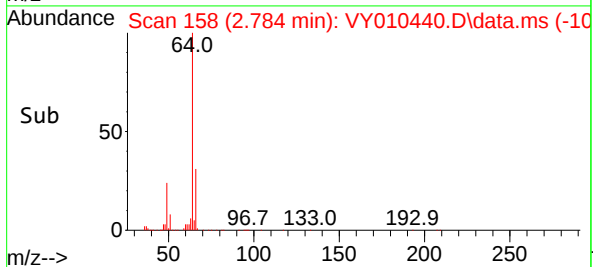
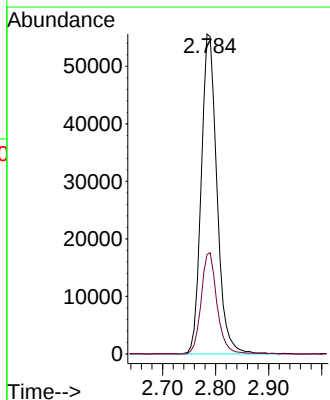
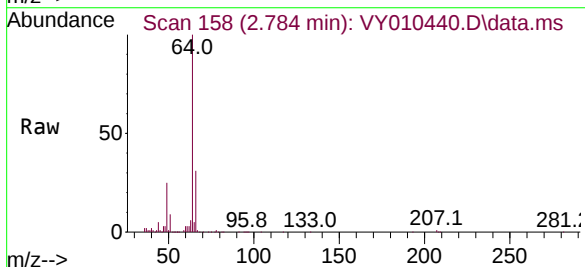
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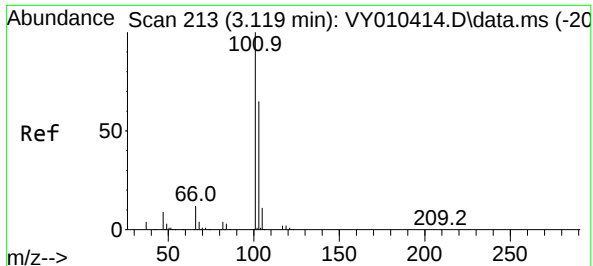
Tgt Ion: 94 Resp: 117599
Ion Ratio Lower Upper
94 100
96 91.0 73.5 110.3



#6
Chloroethane
Concen: 48.475 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 64 Resp: 114548
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0

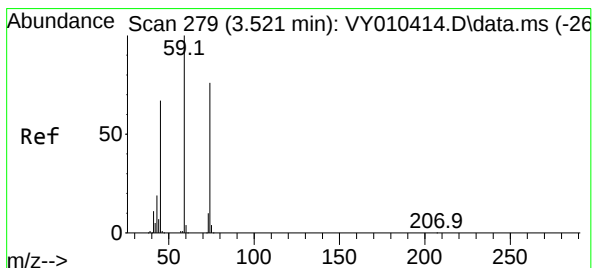
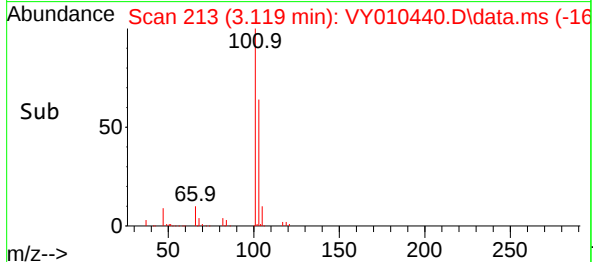
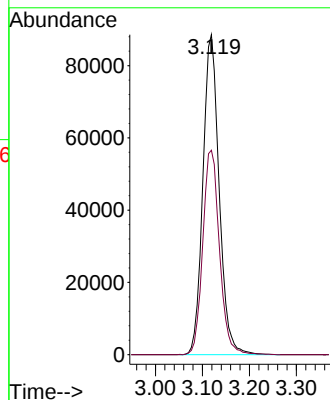
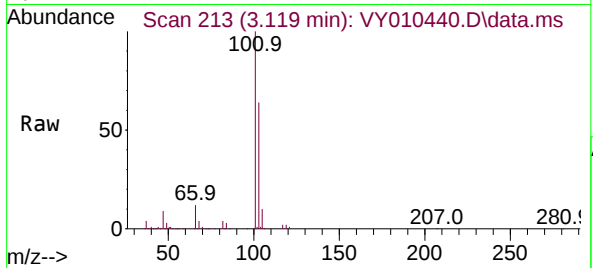




#7
 Trichlorofluoromethane
 Concen: 47.460 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

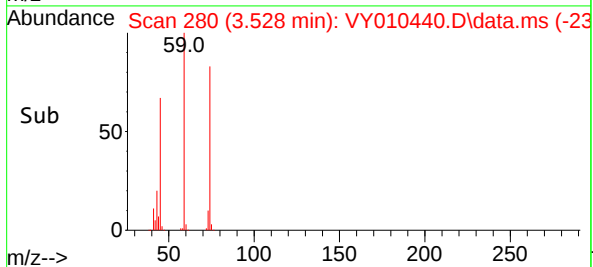
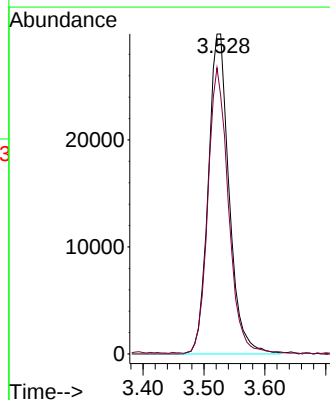
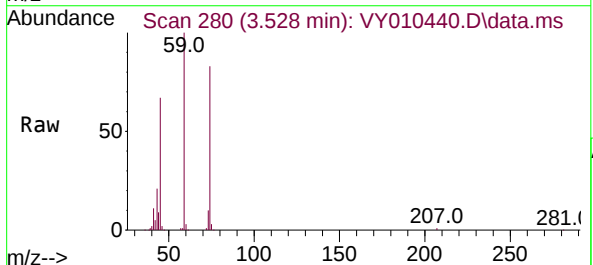
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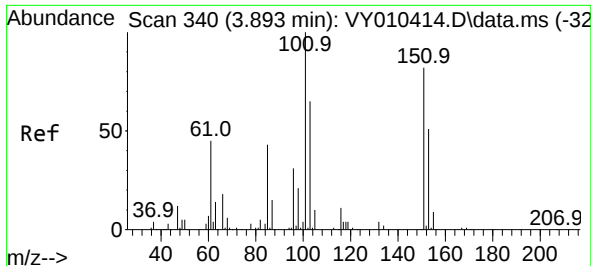
Tgt Ion:101 Resp: 212388
 Ion Ratio Lower Upper
 101 100
 103 63.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 49.129 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

Tgt Ion: 74 Resp: 71204
 Ion Ratio Lower Upper
 74 100
 45 88.4 55.1 165.5

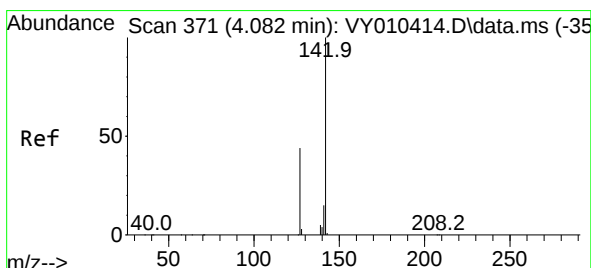
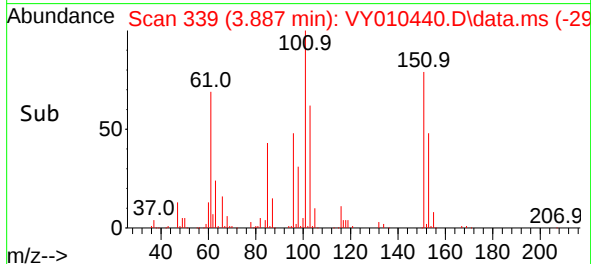
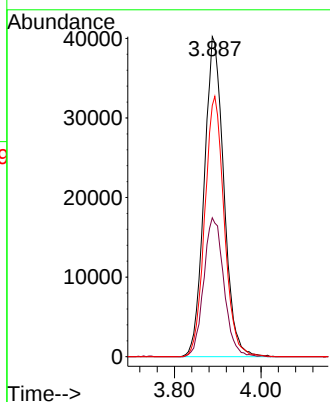
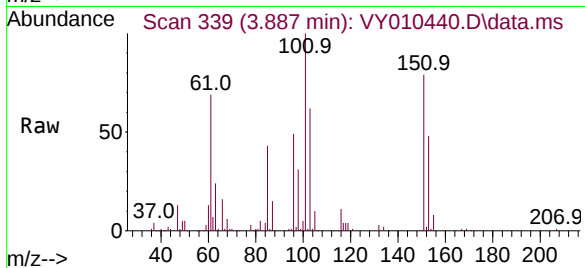




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.295 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY010440.D
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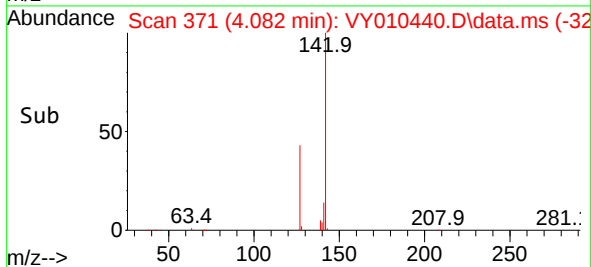
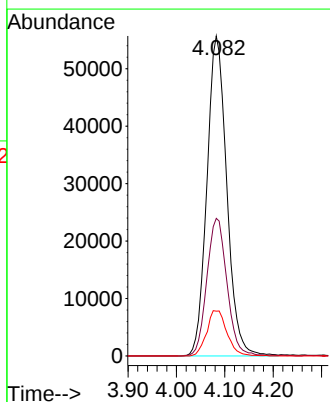
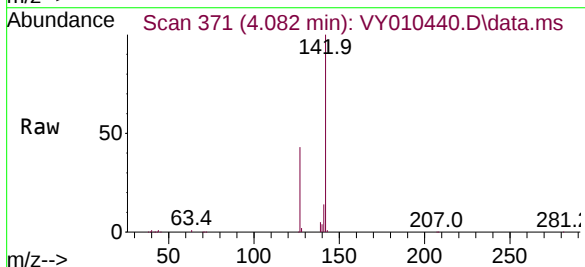
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

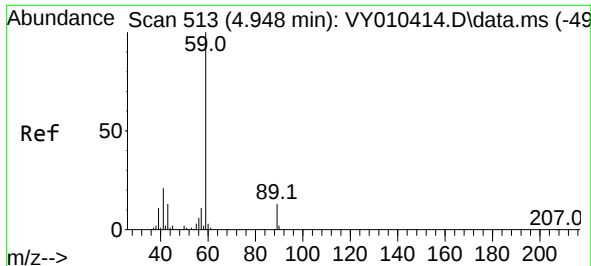
Tgt Ion:101 Resp: 126540
Ion Ratio Lower Upper
101 100
85 44.5 40.6 60.8
151 80.6 64.9 97.3



#10
Methyl Iodide
Concen: 49.048 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:142 Resp: 159025
Ion Ratio Lower Upper
142 100
127 43.7 41.5 62.3
141 14.5 11.9 17.9

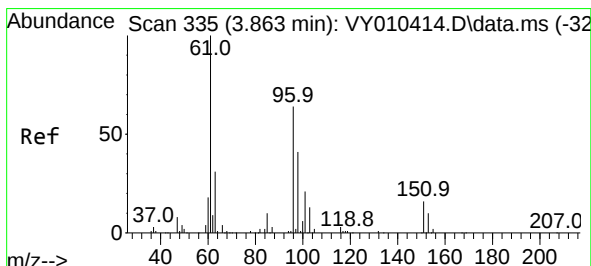
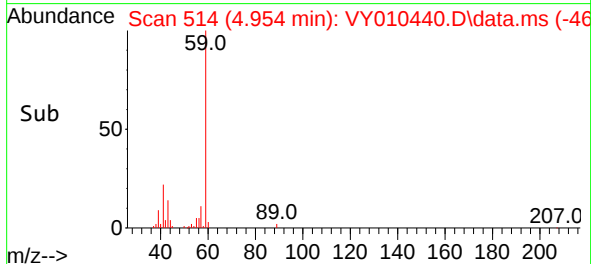
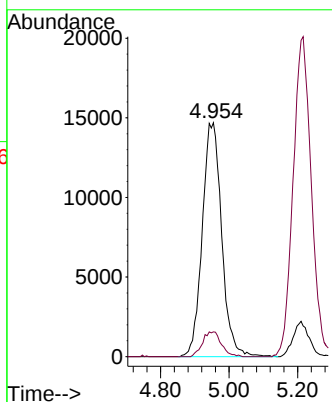
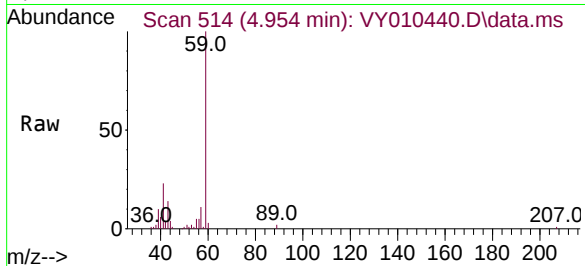




#11
Tert butyl alcohol
Concen: 205.295 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

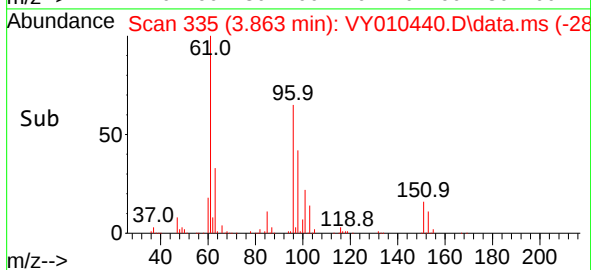
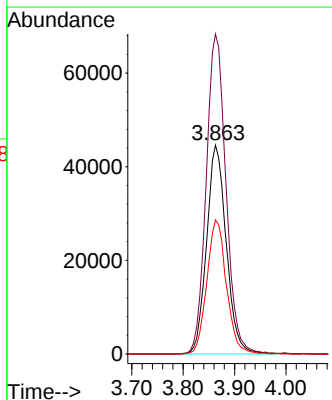
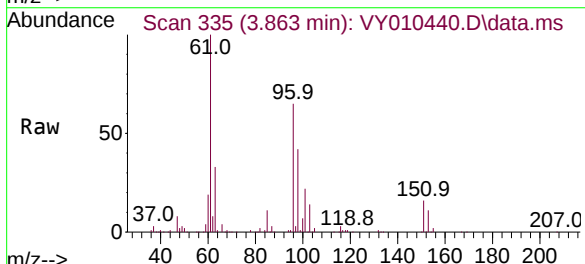
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

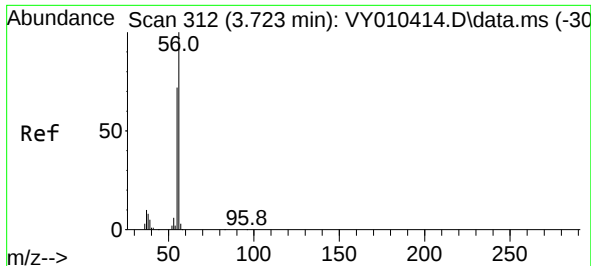
Tgt Ion: 59 Resp: 57930
Ion Ratio Lower Upper
59 100
57 10.3 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 48.334 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 96 Resp: 118806
Ion Ratio Lower Upper
96 100
61 153.2 145.8 218.6
98 64.2 52.5 78.7

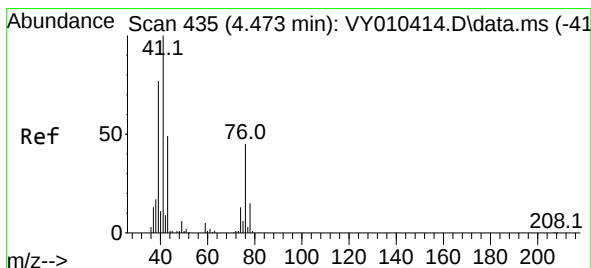
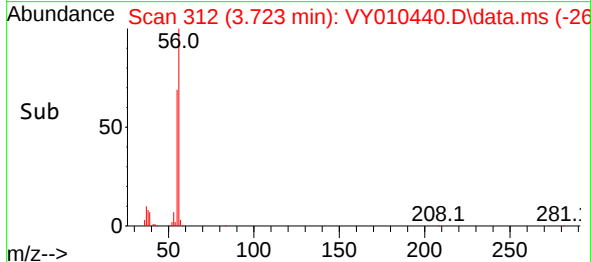
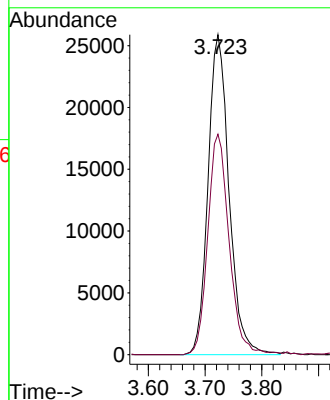
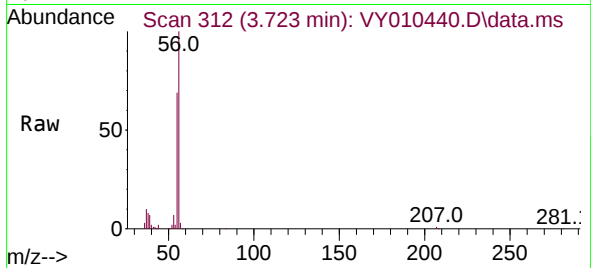




#13
Acrolein
Concen: 271.899 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

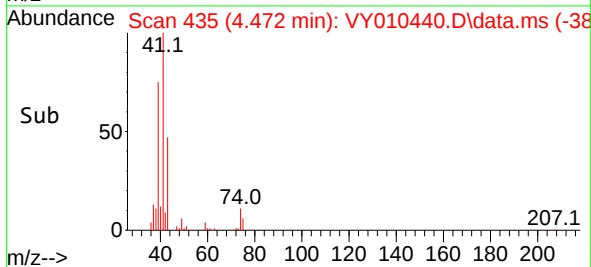
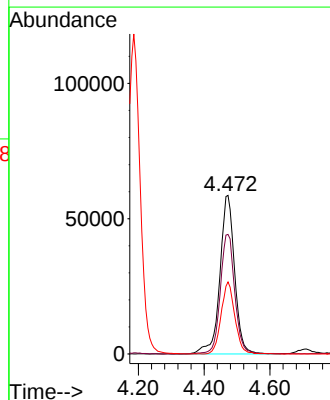
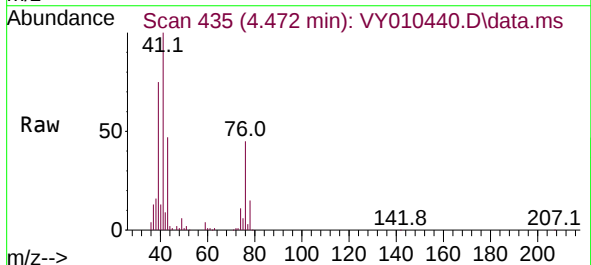
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

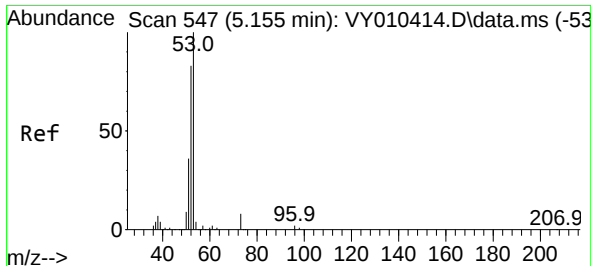
Tgt Ion: 56 Resp: 66588
Ion Ratio Lower Upper
56 100
55 70.1 57.6 86.4



#14
Allyl chloride
Concen: 51.557 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 41 Resp: 182489
Ion Ratio Lower Upper
41 100
39 73.8 58.8 88.2
76 42.0 25.1 37.7#

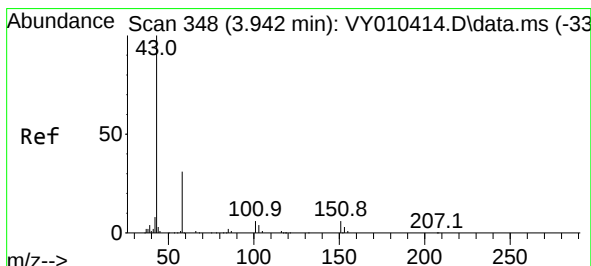
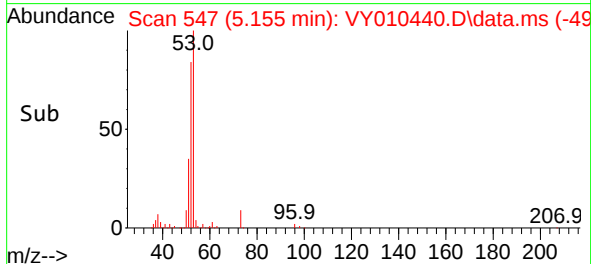
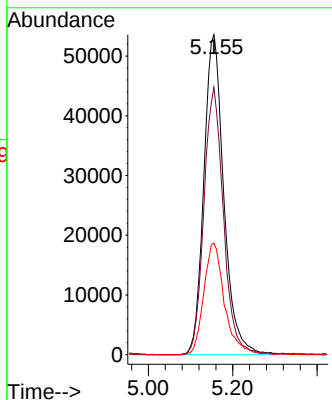
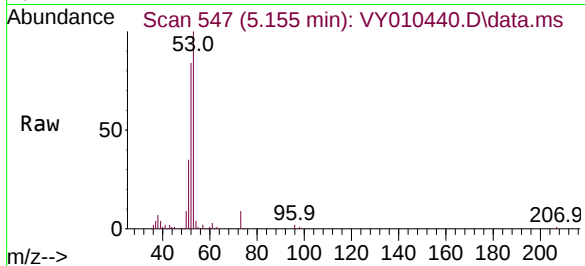




#15
Acrylonitrile
Concen: 251.647 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

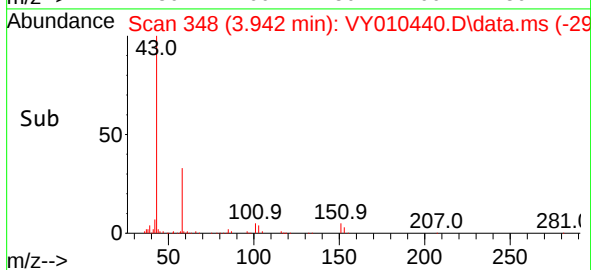
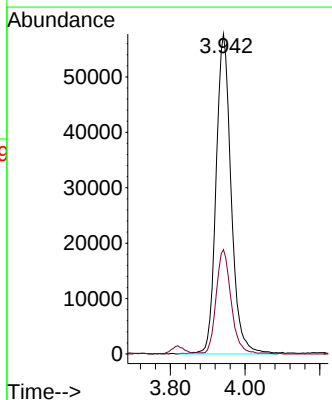
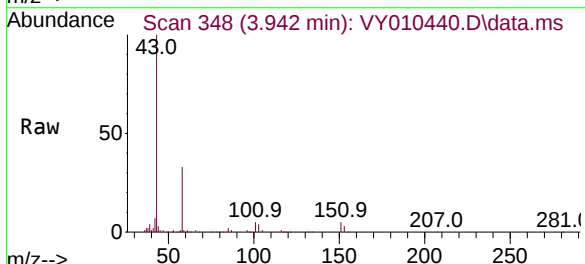
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

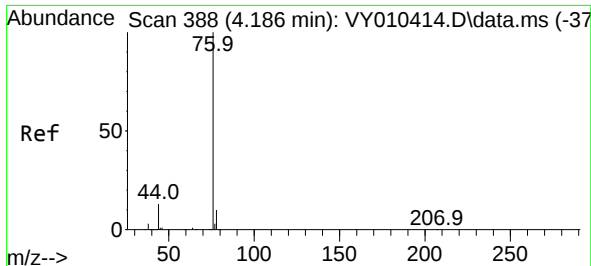
Tgt Ion: 53 Resp: 176556
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 274.563 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 43 Resp: 161750
Ion Ratio Lower Upper
43 100
58 32.4 22.0 33.0

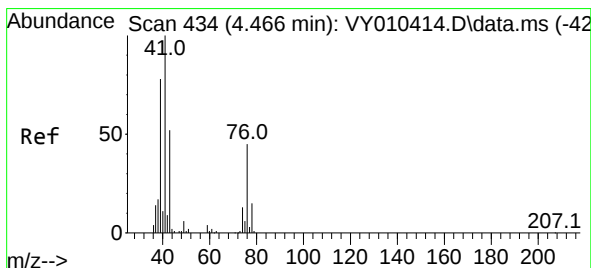
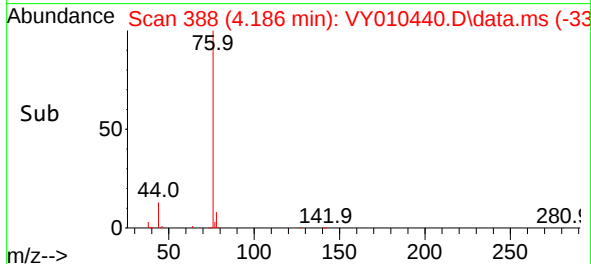
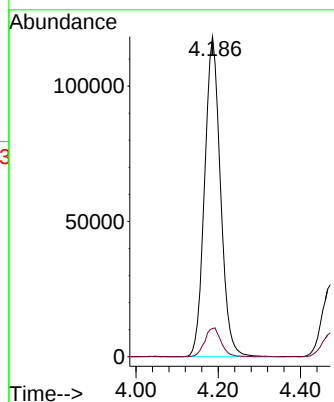
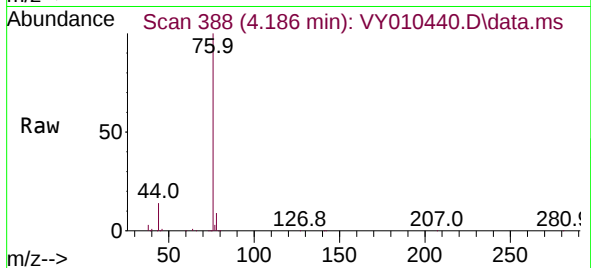




#17
Carbon Disulfide
Concen: 47.648 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

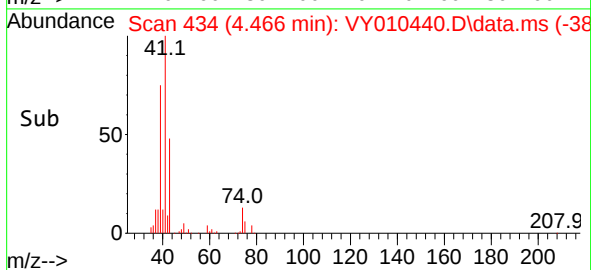
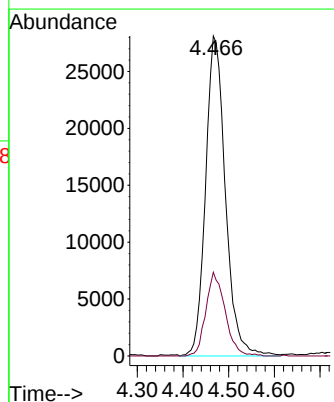
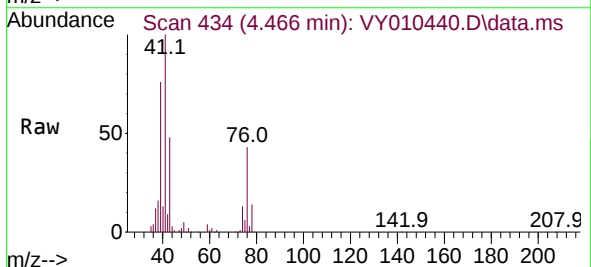
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

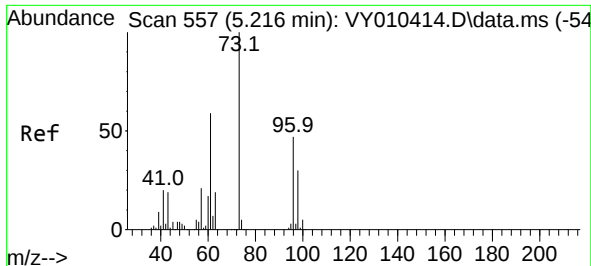
Tgt Ion: 76 Resp: 316717
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 46.711 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 43 Resp: 84657
Ion Ratio Lower Upper
43 100
74 25.4 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 51.209 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

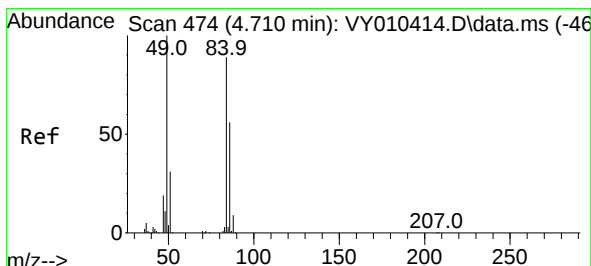
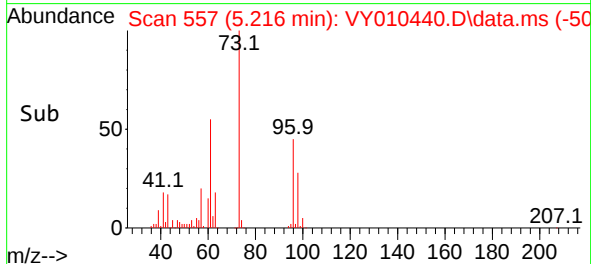
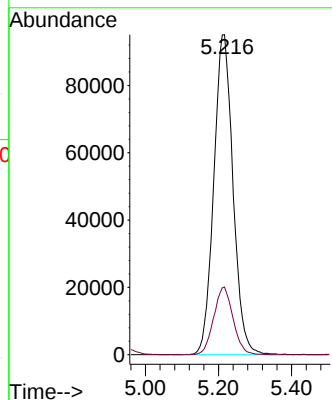
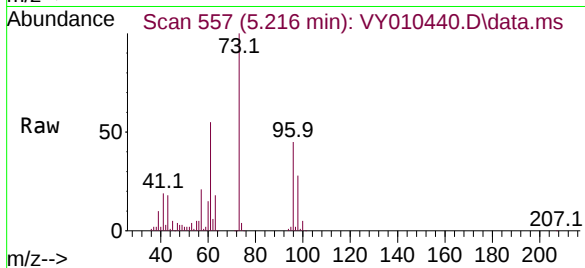
VSTDCCC050

Tgt Ion: 73 Resp: 347609

Ion Ratio Lower Upper

73 100

57 21.1 18.6 27.8



#20

Methylene Chloride

Concen: 50.890 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Tgt Ion: 84 Resp: 144831

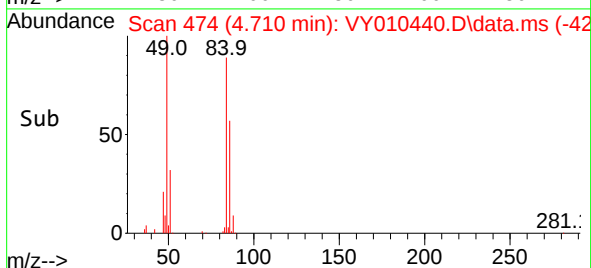
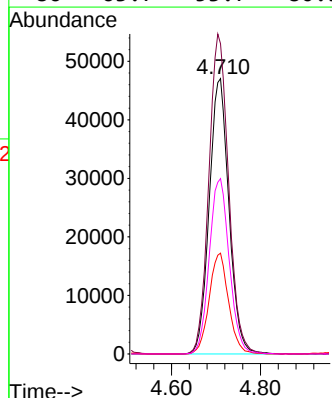
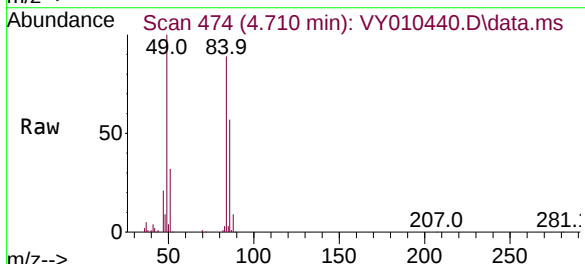
Ion Ratio Lower Upper

84 100

49 112.6 114.4 171.6#

51 36.6 35.3 52.9

86 63.7 53.7 80.5

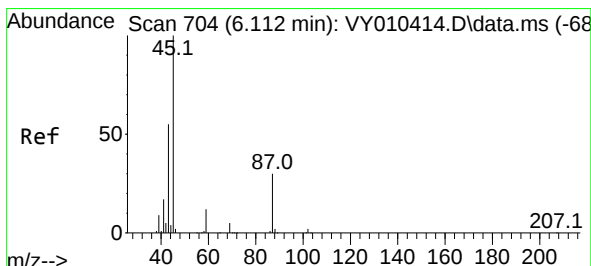
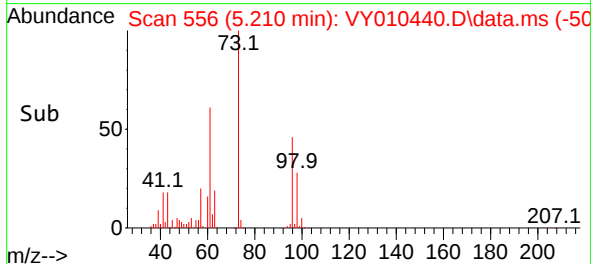
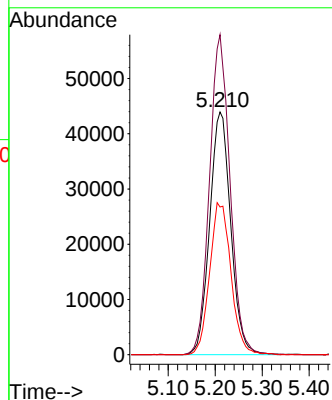
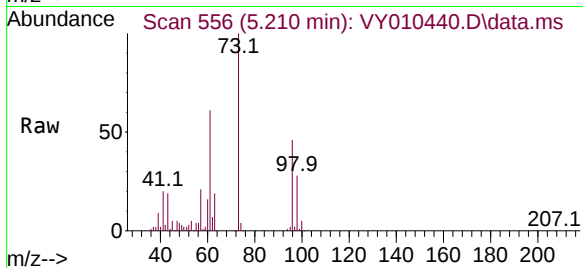




#21
trans-1,2-Dichloroethene
Concen: 49.092 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

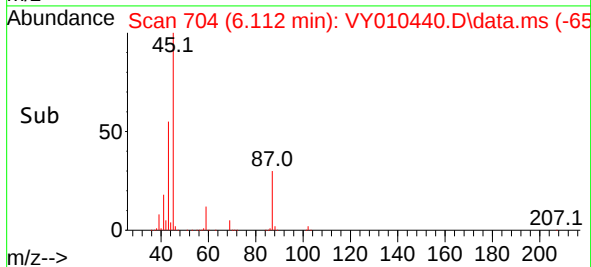
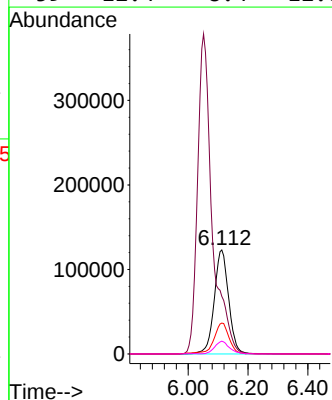
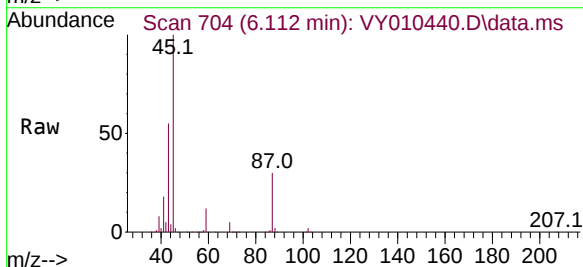
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

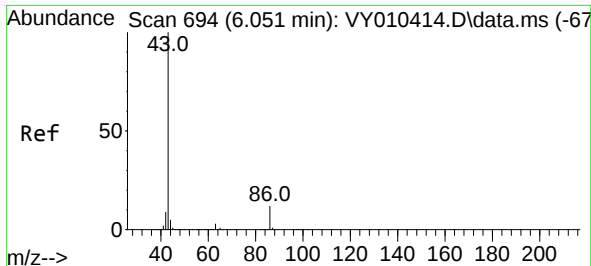
Tgt Ion: 96 Resp: 137013
Ion Ratio Lower Upper
96 100
61 131.9 120.5 180.7
98 60.8 49.8 74.8



#22
Diisopropyl ether
Concen: 52.155 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 45 Resp: 412134
Ion Ratio Lower Upper
45 100
43 55.4 49.3 73.9
87 29.7 19.2 28.8#
59 12.4 8.4 12.6

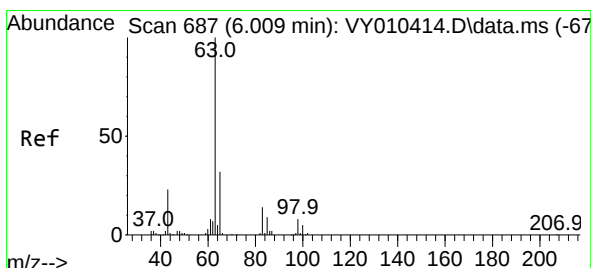
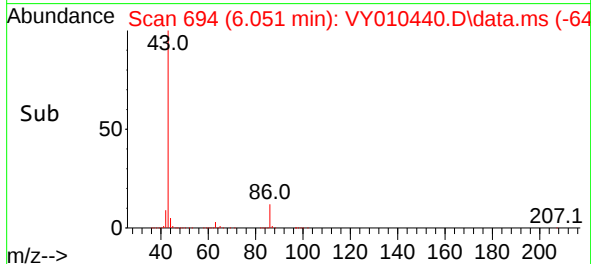
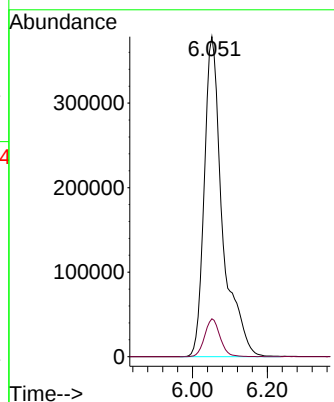
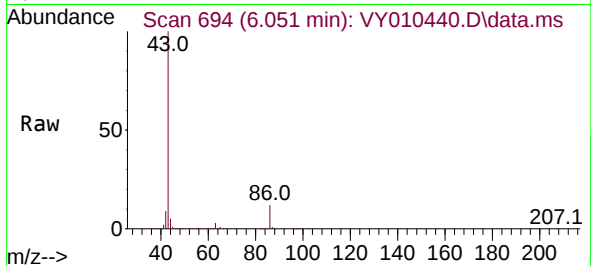




#23
 Vinyl Acetate
 Concen: 264.737 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

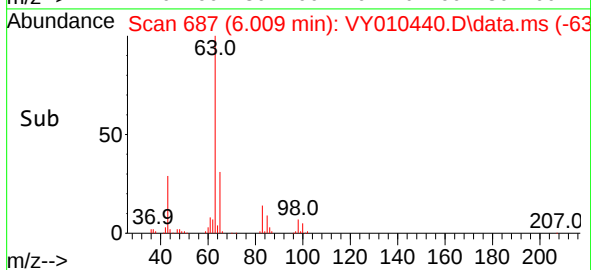
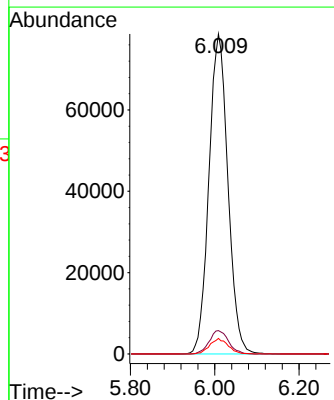
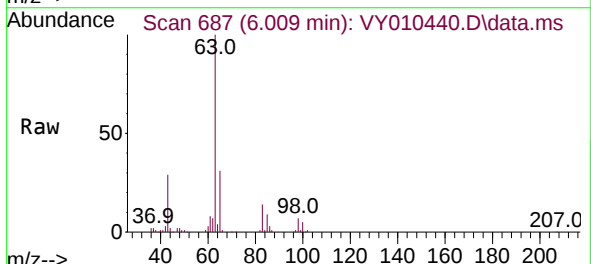
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1282010
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.351 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

Tgt Ion: 63 Resp: 245663
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 248.963 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

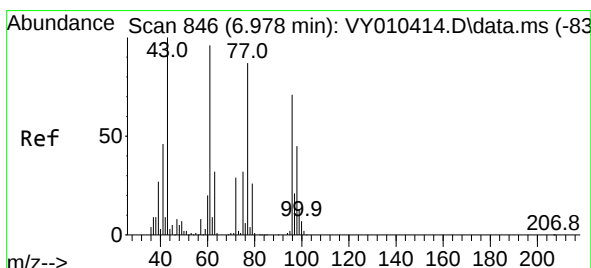
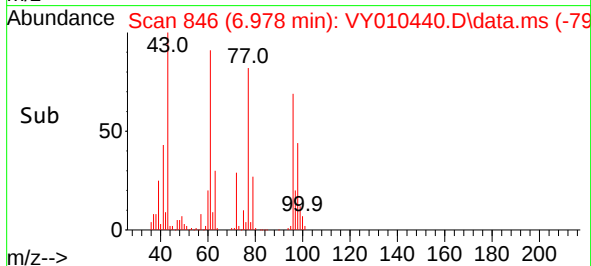
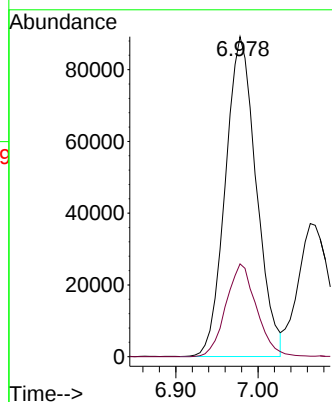
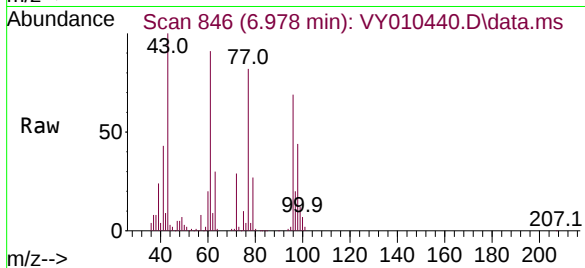
VSTDCCC050

Tgt Ion: 43 Resp: 233088

Ion Ratio Lower Upper

43 100

72 29.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 49.513 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010440.D

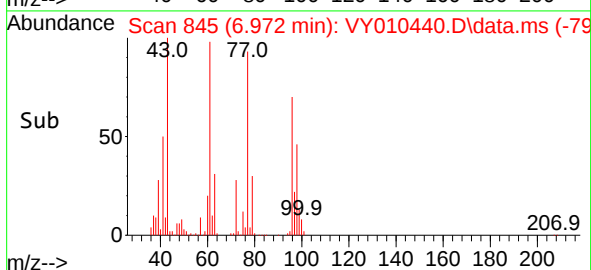
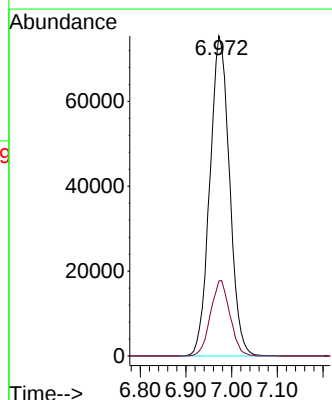
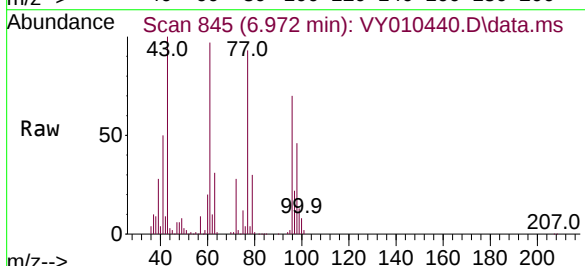
Acq: 12 Sep 2022 11:48

Tgt Ion: 77 Resp: 226026

Ion Ratio Lower Upper

77 100

97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.189 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

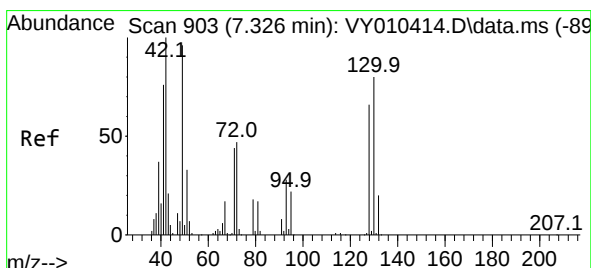
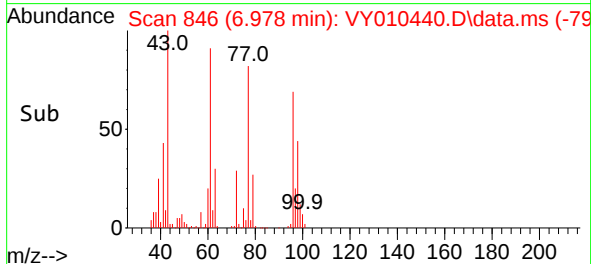
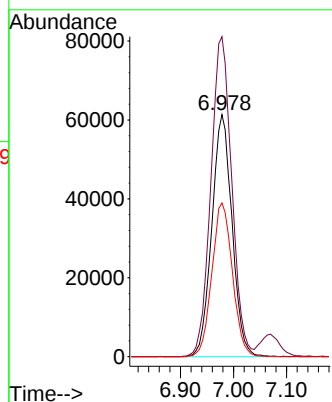
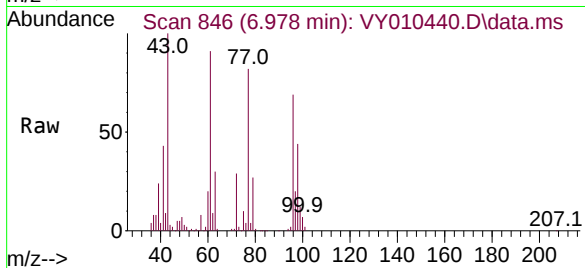
Tgt Ion: 96 Resp: 162822

Ion Ratio Lower Upper

96 100

61 136.6 0.0 319.8

98 64.4 0.0 127.0



#28

Bromochloromethane

Concen: 55.856 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

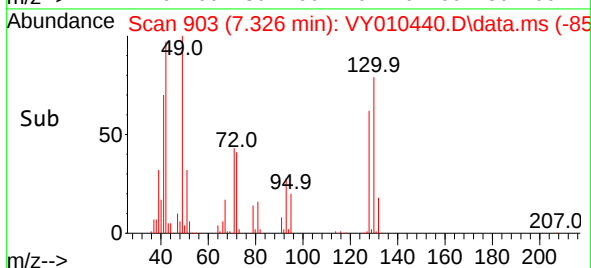
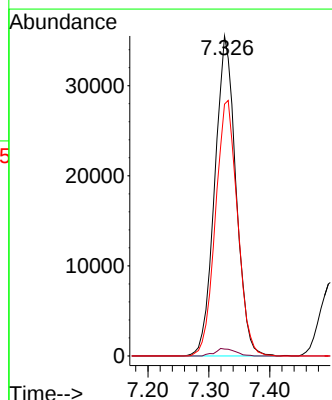
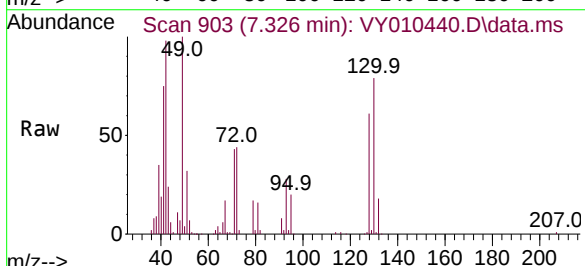
Tgt Ion: 49 Resp: 85674

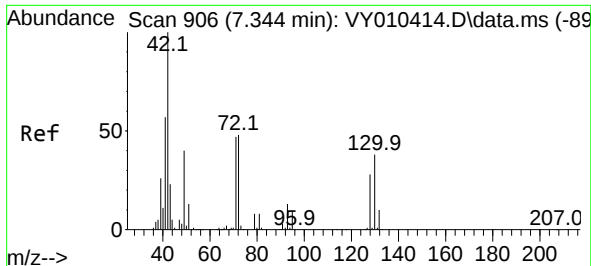
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 83.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 248.081 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

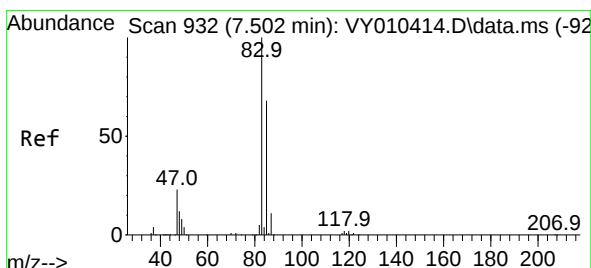
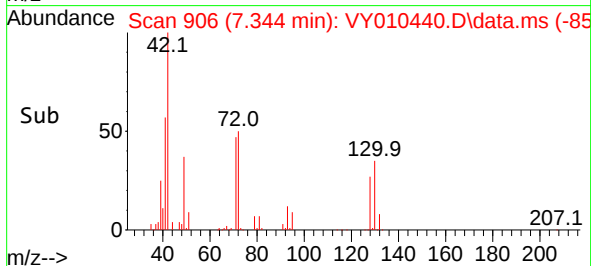
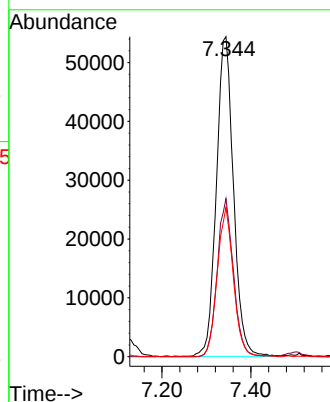
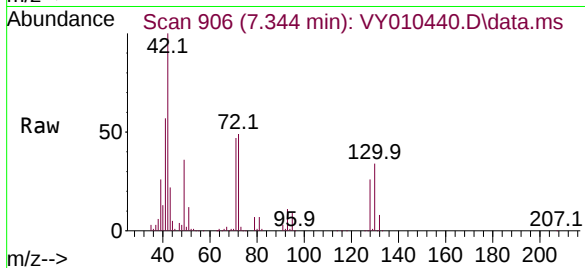
Tgt Ion: 42 Resp: 144959

Ion Ratio Lower Upper

42 100

72 46.8 30.3 45.5#

71 44.0 29.0 43.4#



#30

Chloroform

Concen: 50.925 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010440.D

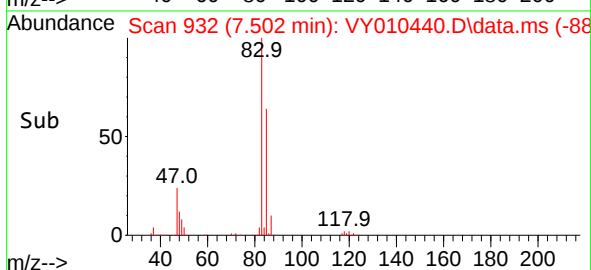
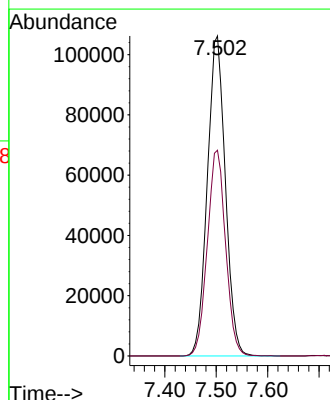
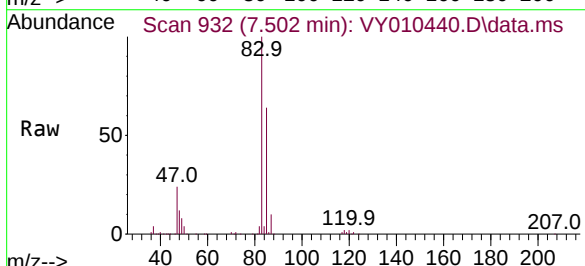
Acq: 12 Sep 2022 11:48

Tgt Ion: 83 Resp: 258420

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

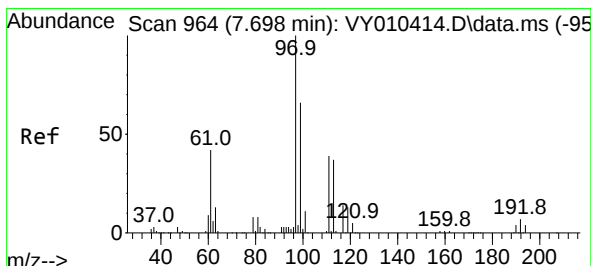
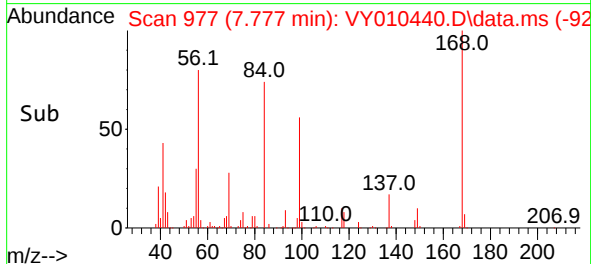
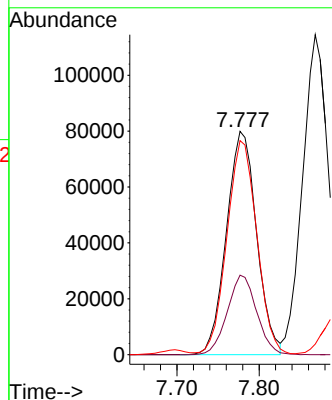
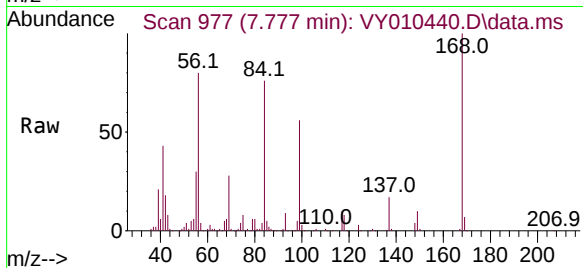




#31
Cyclohexane
Concen: 47.083 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

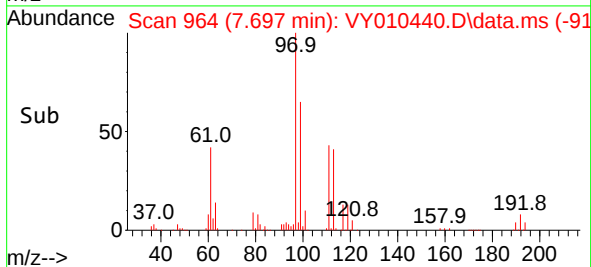
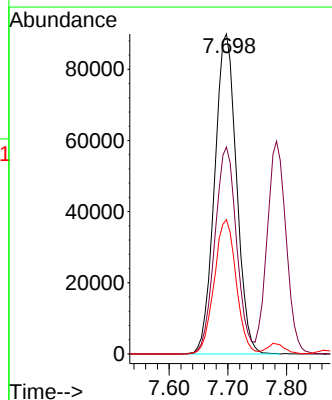
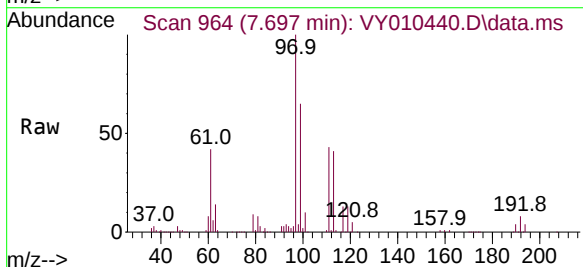
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

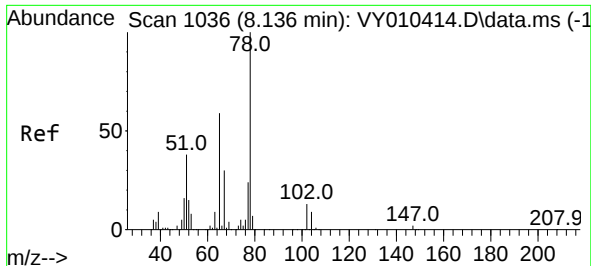
Tgt Ion: 56 Resp: 204187
Ion Ratio Lower Upper
56 100
69 35.6 26.7 40.1
84 94.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.631 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 97 Resp: 232646
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 42.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 53.097 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

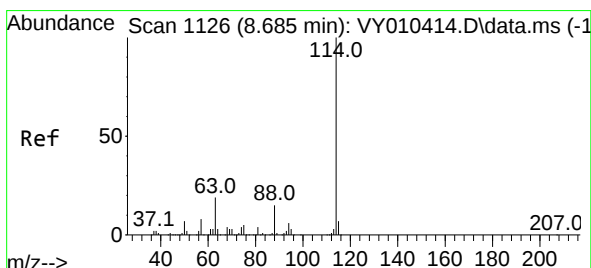
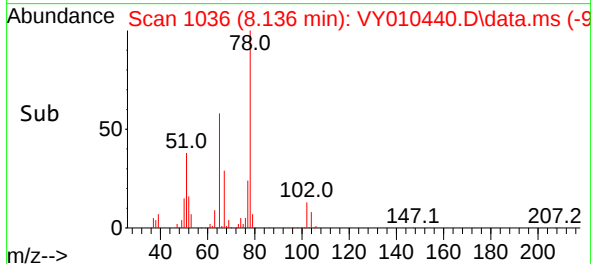
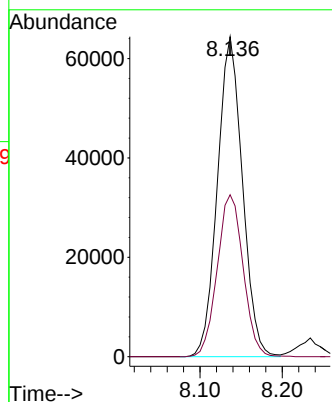
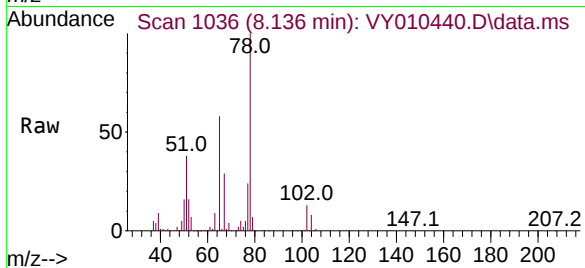
VSTDCCC050

Tgt Ion: 65 Resp: 136303

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

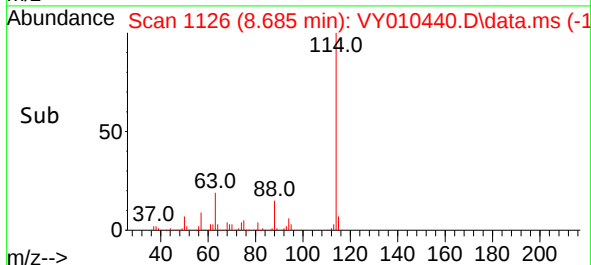
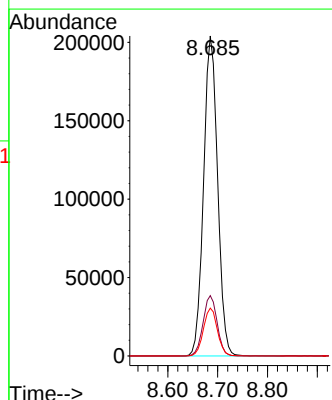
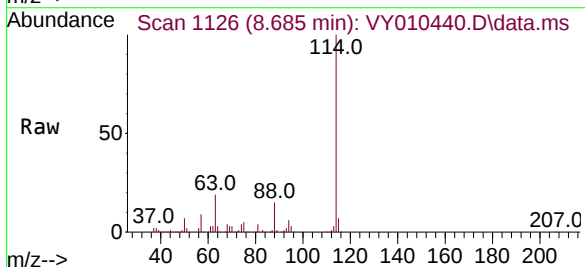
Tgt Ion: 114 Resp: 397874

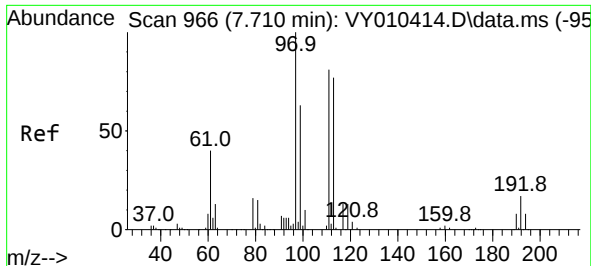
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.9 0.0 31.8

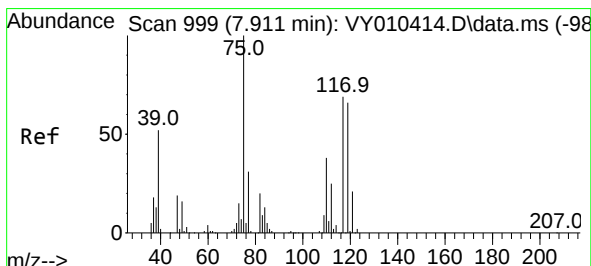
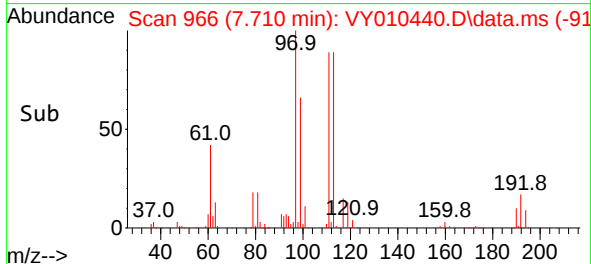
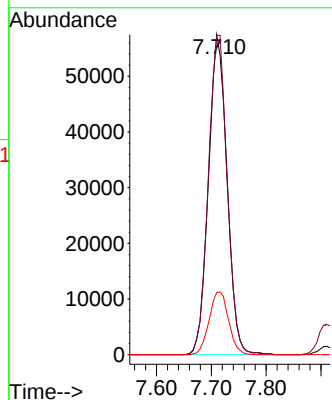
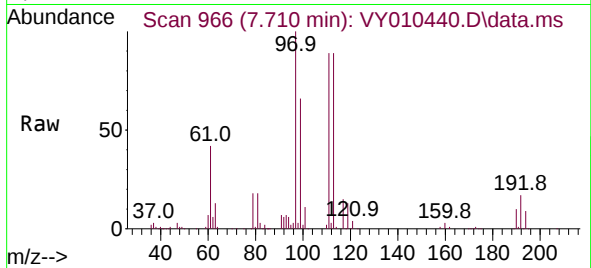




#35
Dibromofluoromethane
Concen: 47.763 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

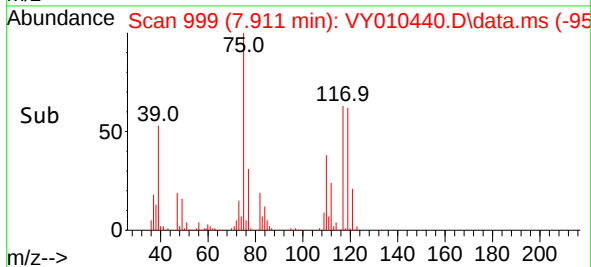
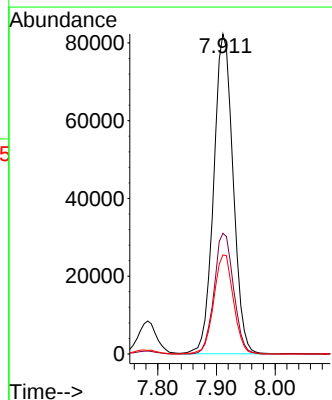
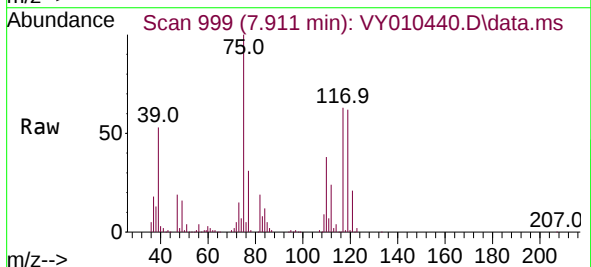
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

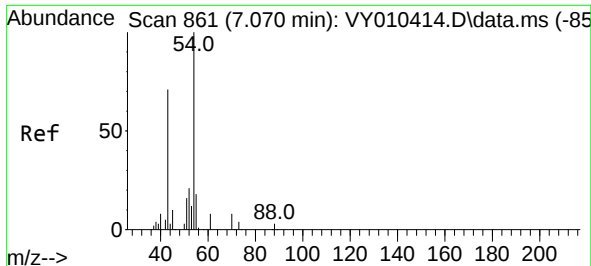
Tgt Ion:113 Resp: 134964
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 48.877 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 75 Resp: 189078
Ion Ratio Lower Upper
75 100
110 37.7 17.1 51.2
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 49.939 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.007 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

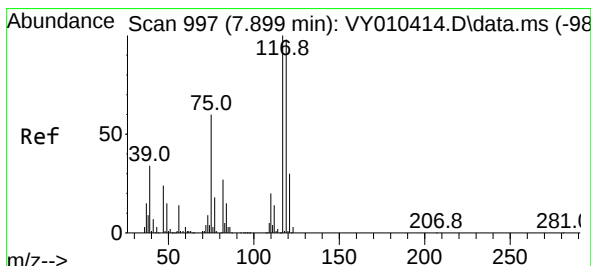
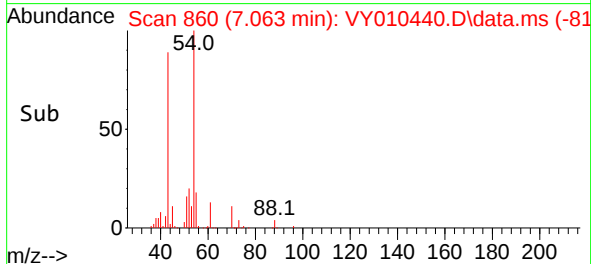
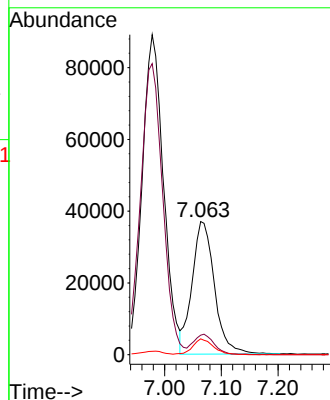
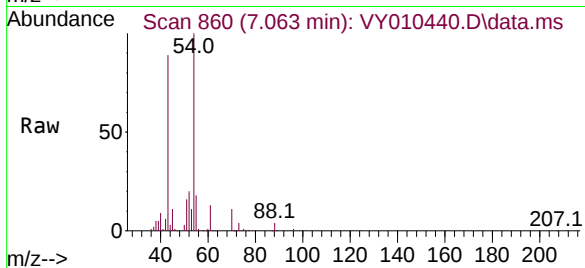
Tgt Ion: 43 Resp: 101556

Ion Ratio Lower Upper

43 100

61 14.3 9.7 14.5

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 48.982 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

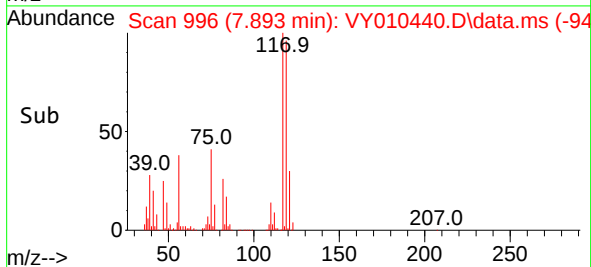
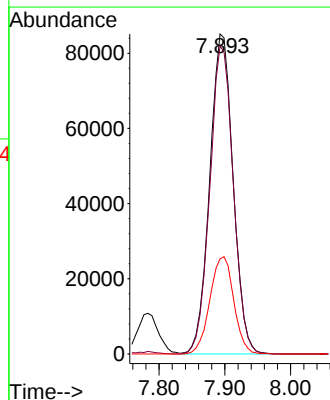
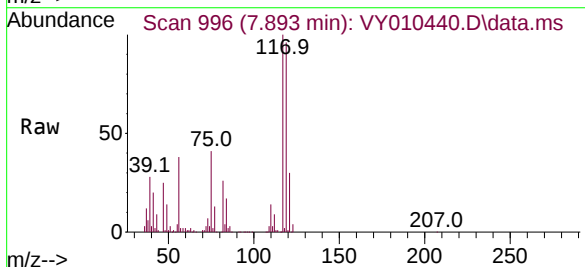
Tgt Ion: 117 Resp: 210806

Ion Ratio Lower Upper

117 100

119 96.2 77.9 116.9

121 29.7 24.8 37.2

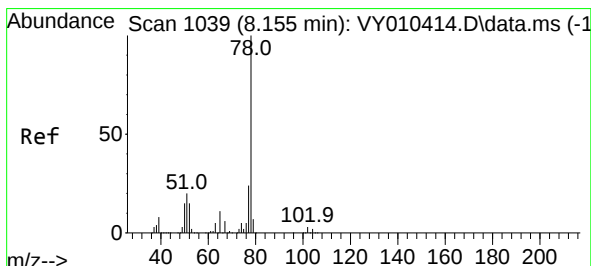
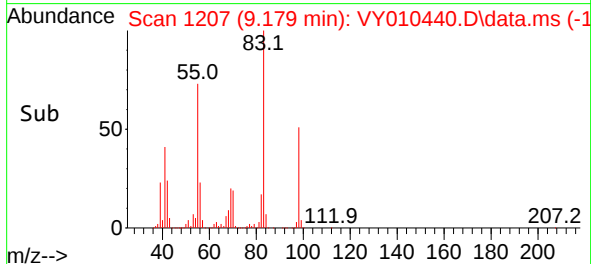
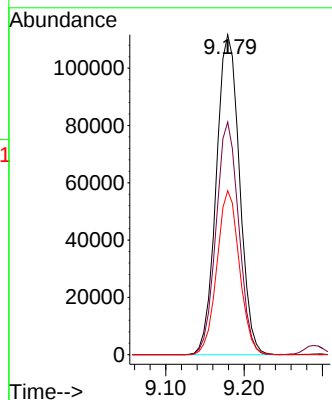
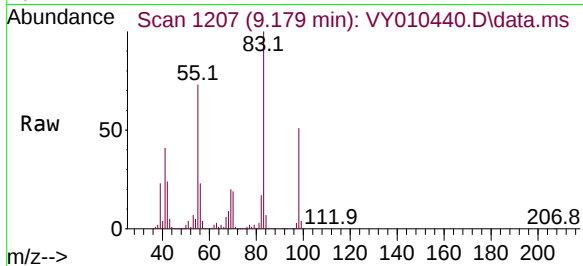




#39
Methylcyclohexane
Concen: 47.682 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

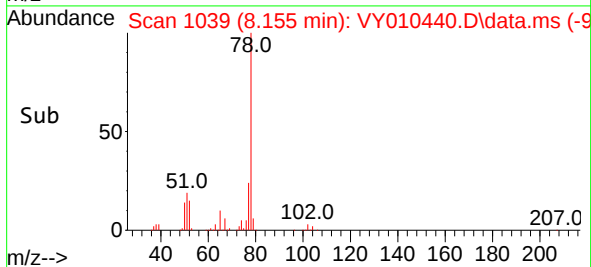
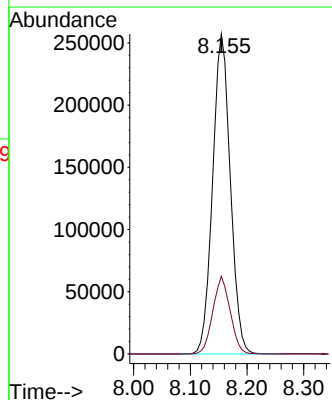
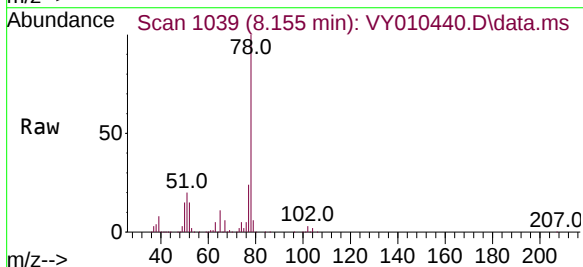
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

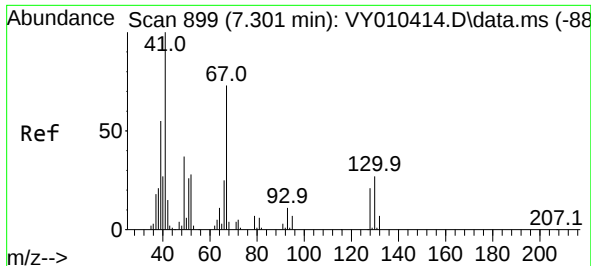
Tgt Ion: 83 Resp: 229992
Ion Ratio Lower Upper
83 100
55 72.7 66.5 99.7
98 51.2 37.9 56.9



#40
Benzene
Concen: 50.012 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 78 Resp: 556935
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6

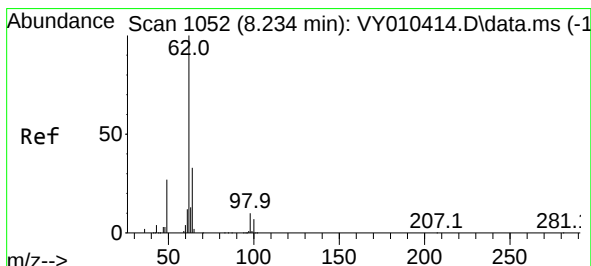
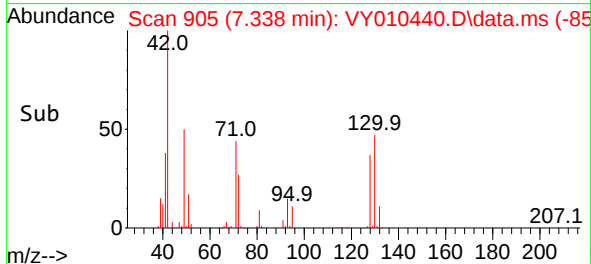
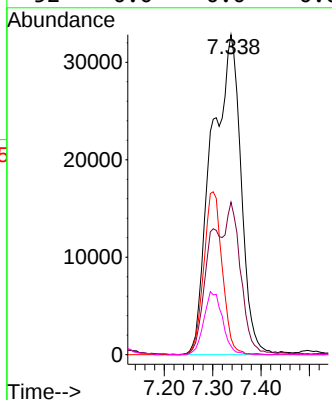
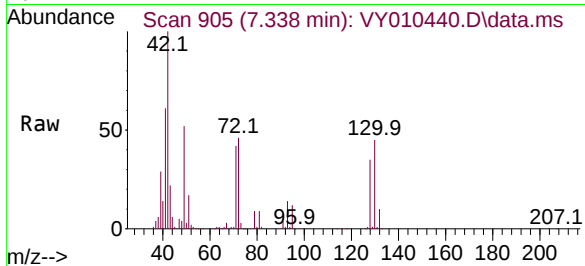




#41
Methacrylonitrile
Concen: 118.798 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

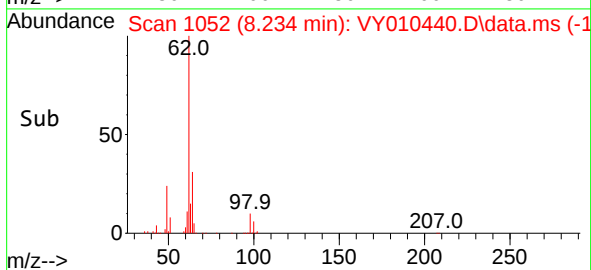
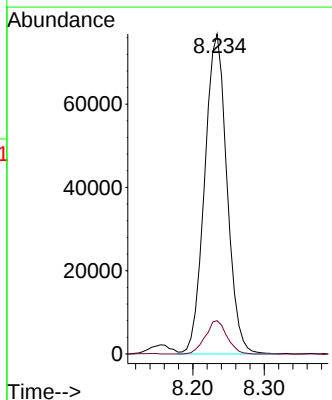
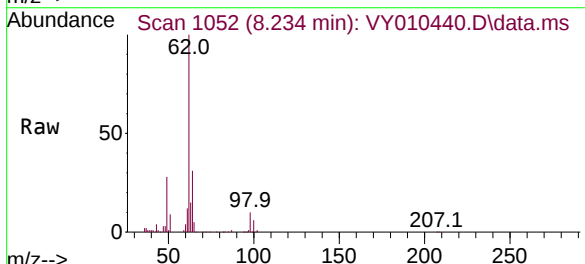
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

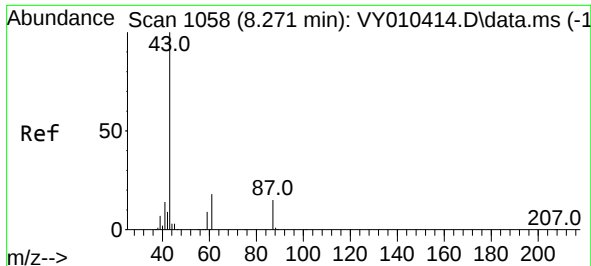
Tgt Ion: 41 Resp: 138111
Ion Ratio Lower Upper
41 100
39 21.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.263 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 62 Resp: 166449
Ion Ratio Lower Upper
62 100
98 10.0 0.0 14.8

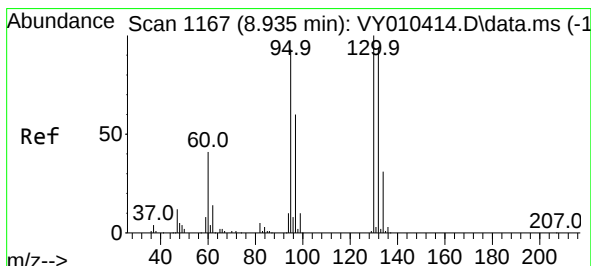
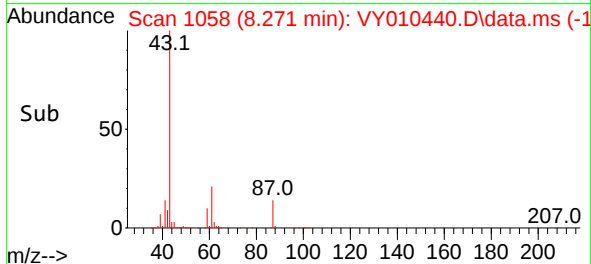
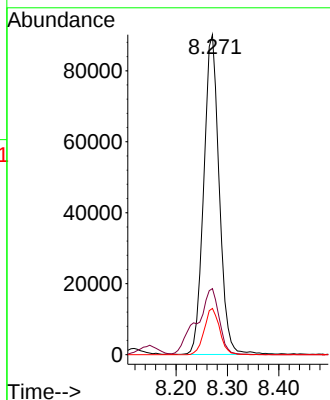
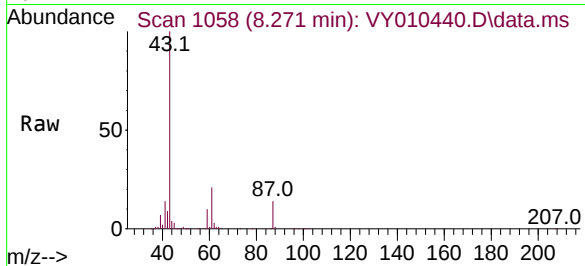




#43
Isopropyl Acetate
Concen: 50.471 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

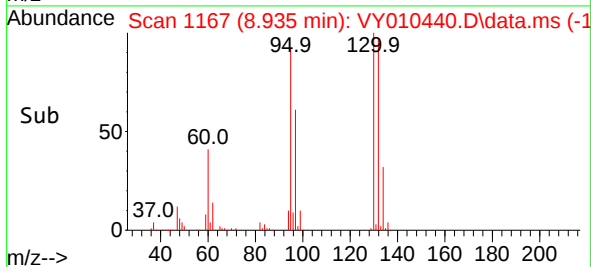
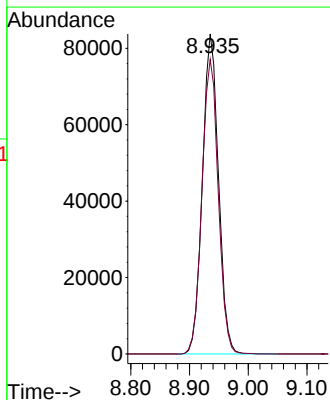
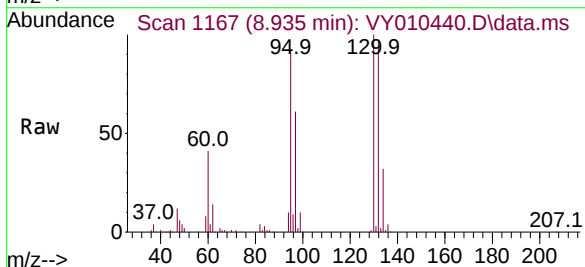
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

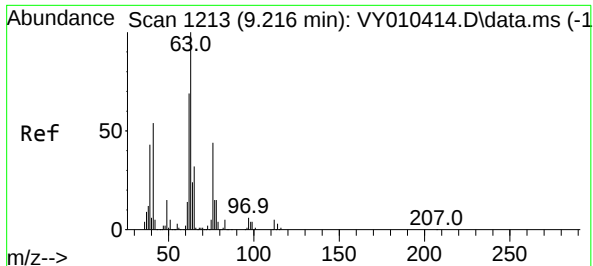
Tgt Ion: 43 Resp: 187836
Ion Ratio Lower Upper
43 100
61 30.0 20.2 30.2
87 14.5 8.9 13.3#



#44
Trichloroethene
Concen: 48.562 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:130 Resp: 159187
Ion Ratio Lower Upper
130 100
95 92.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.050 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

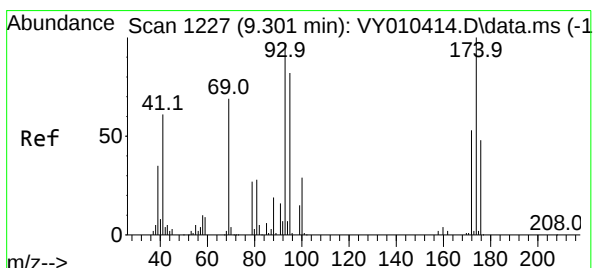
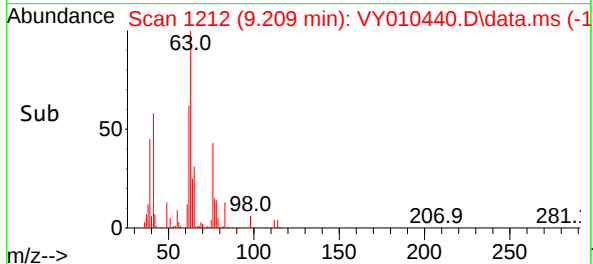
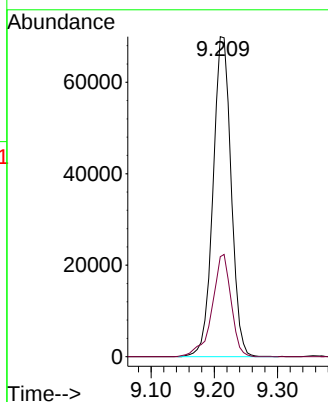
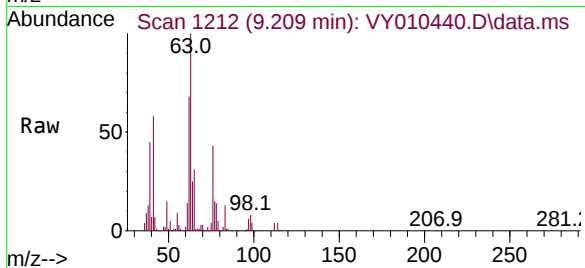
VSTDCCC050

Tgt Ion: 63 Resp: 138649

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 49.749 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

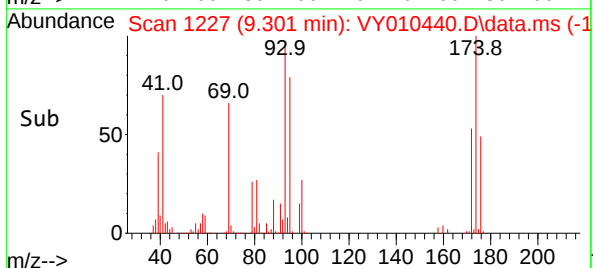
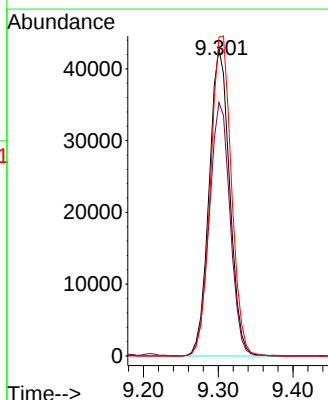
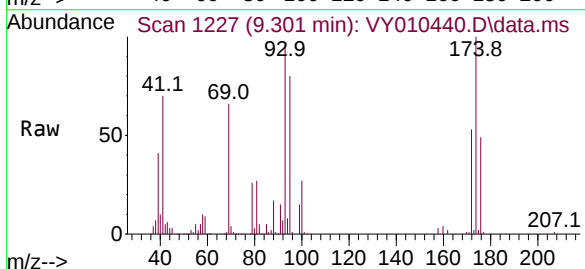
Tgt Ion: 93 Resp: 81481

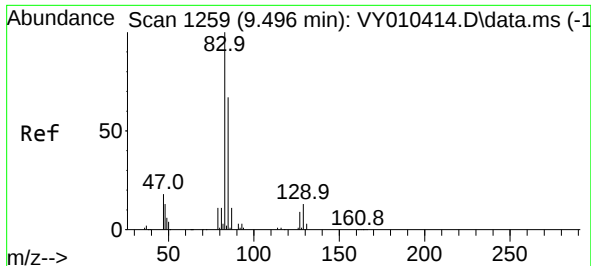
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

174 106.5 83.4 125.0

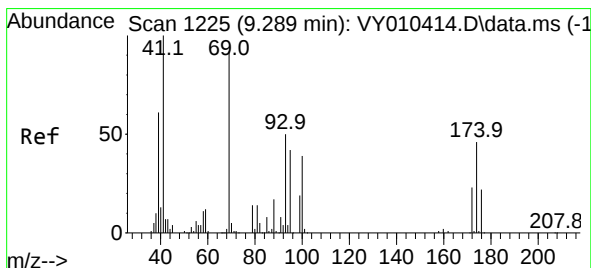
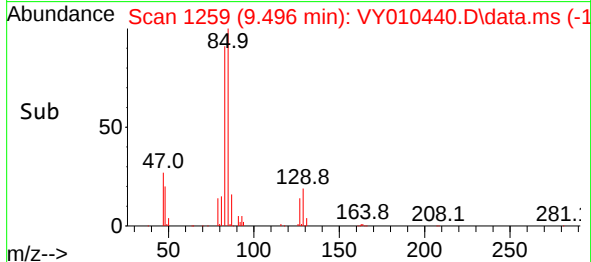
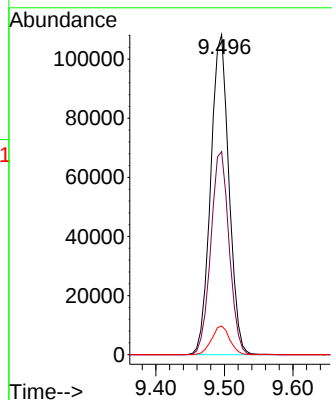
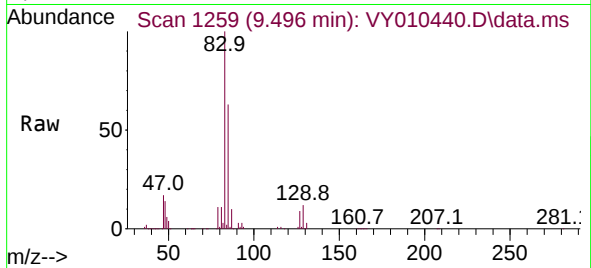




#47
Bromodichloromethane
Concen: 51.525 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

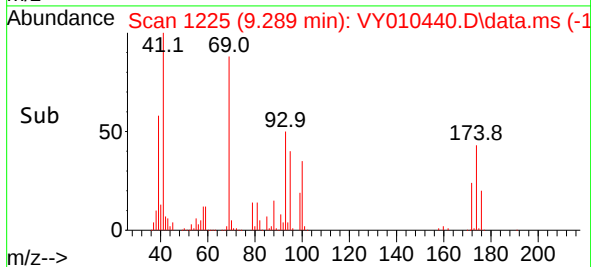
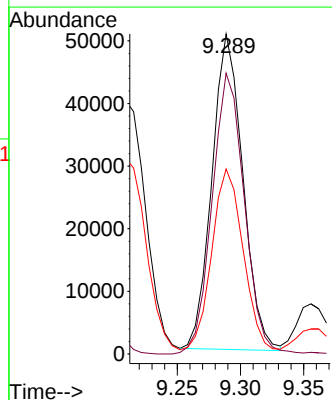
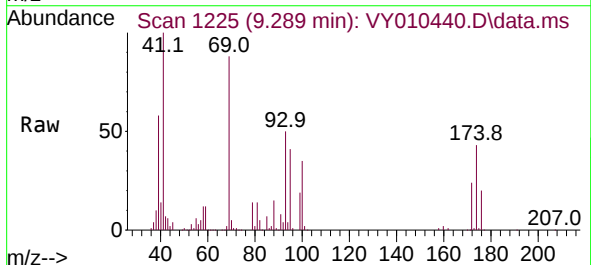
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

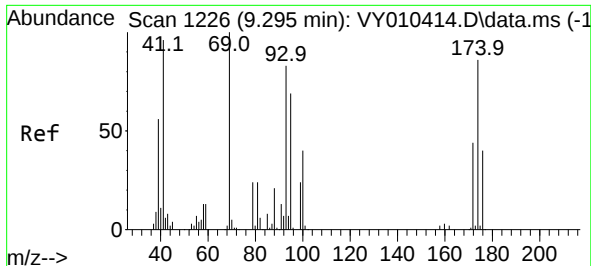
Tgt Ion: 83 Resp: 200447
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 51.208 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 41 Resp: 85593
Ion Ratio Lower Upper
41 100
69 92.8 58.2 87.2#
39 61.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1033.684 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

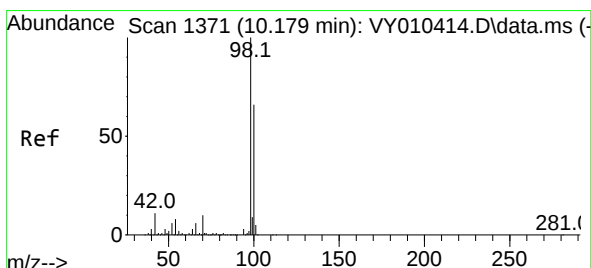
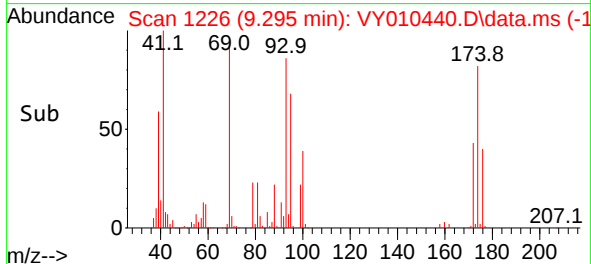
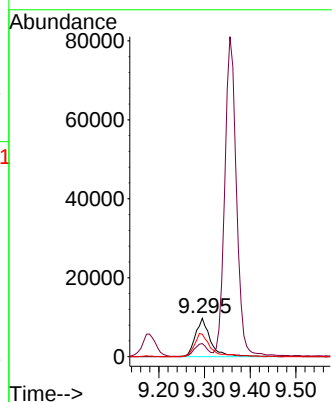
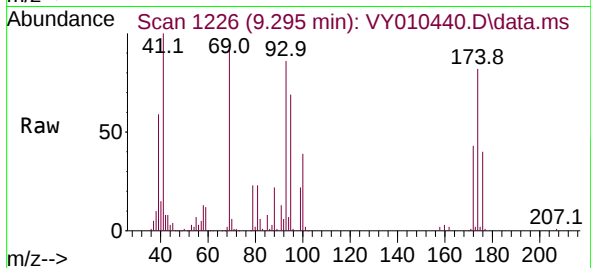
Tgt Ion: 88 Resp: 22411

Ion Ratio Lower Upper

88 100

43 29.5 32.8 49.2#

58 62.1 59.8 89.6



#50

Toluene-d8

Concen: 55.250 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010440.D

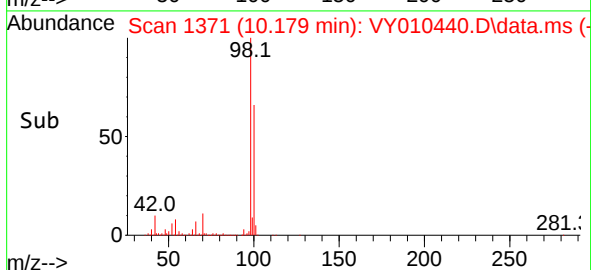
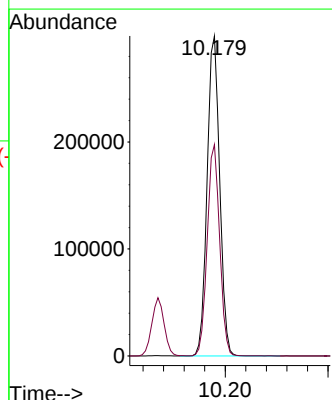
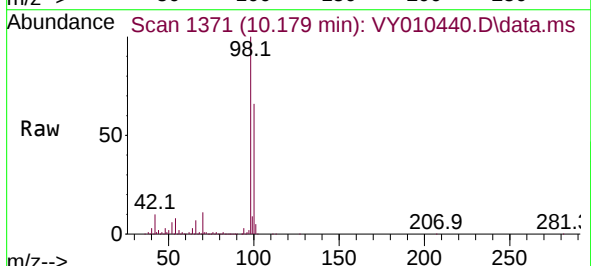
Acq: 12 Sep 2022 11:48

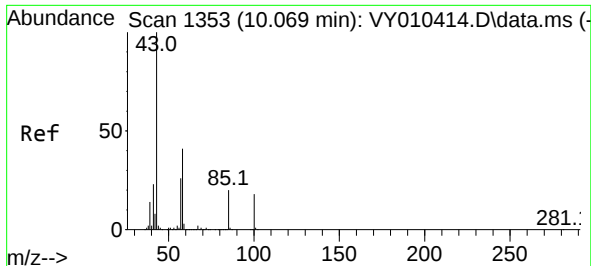
Tgt Ion: 98 Resp: 505983

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

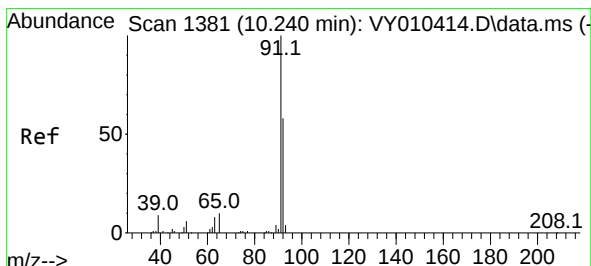
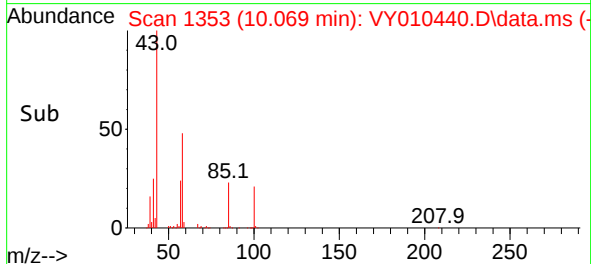
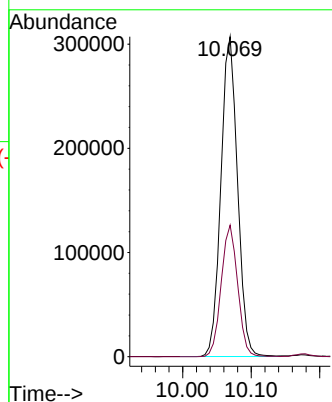
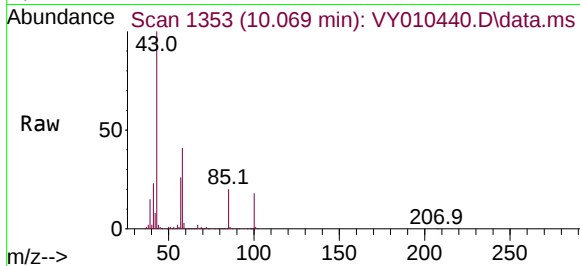




#51
4-Methyl-2-Pentanone
Concen: 252.492 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

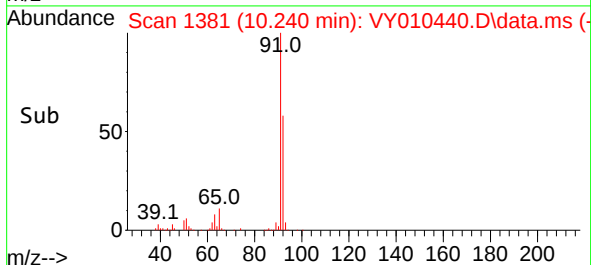
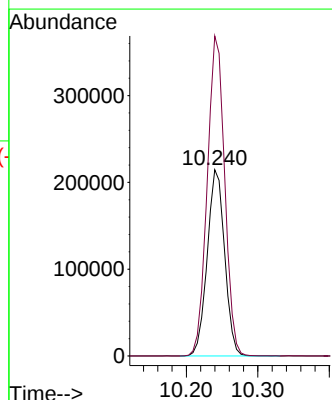
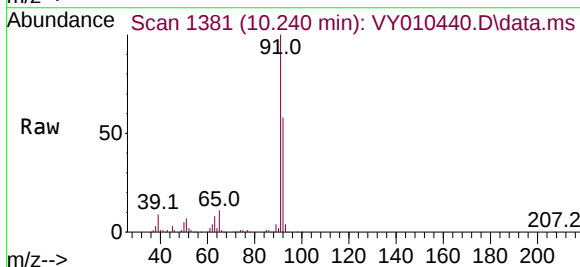
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

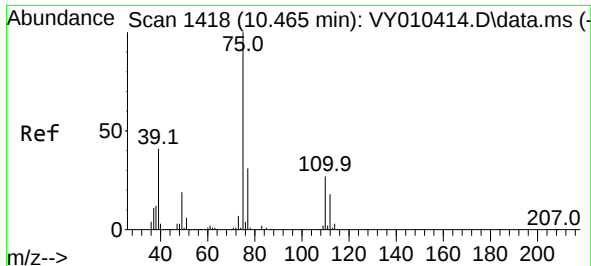
Tgt Ion: 43 Resp: 515429
Ion Ratio Lower Upper
43 100
58 40.7 28.1 42.1



#52
Toluene
Concen: 49.764 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 92 Resp: 362647
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8

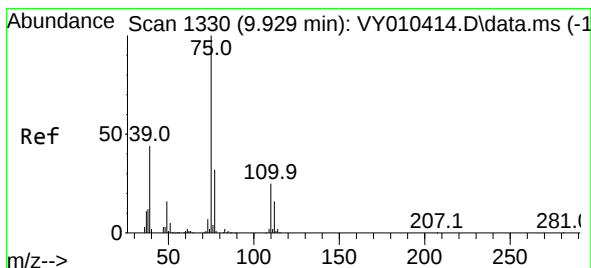
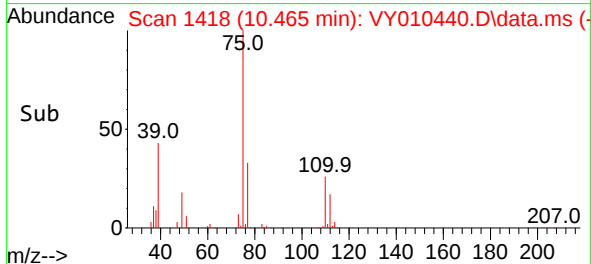
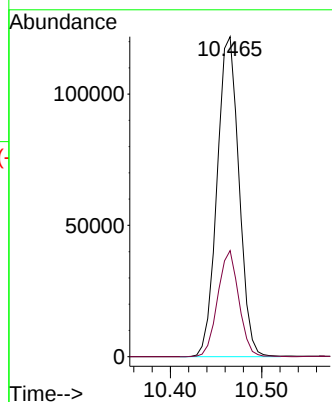
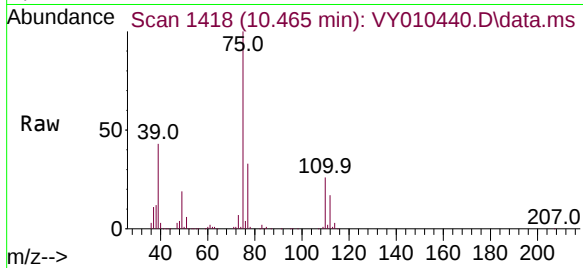




#53
t-1,3-Dichloropropene
Concen: 50.719 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

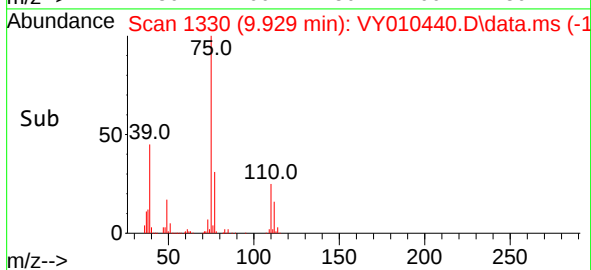
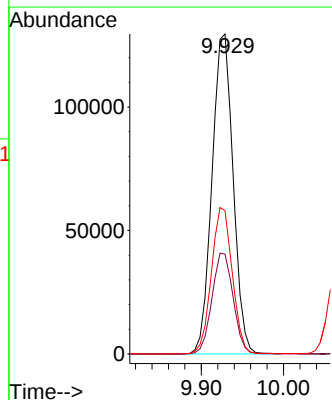
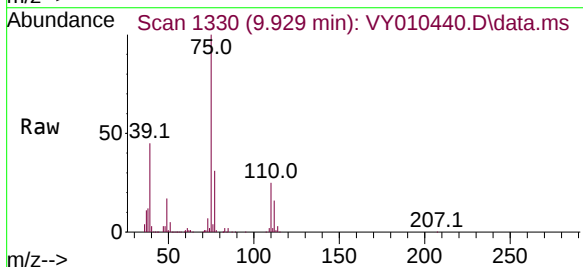
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

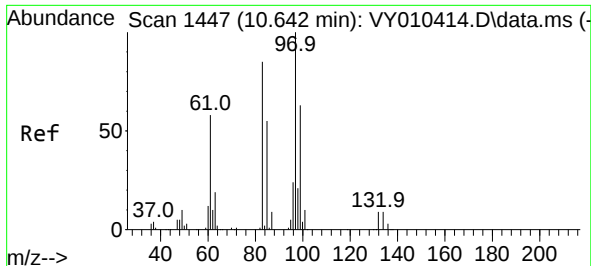
Tgt Ion: 75 Resp: 203053
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.193 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 75 Resp: 231168
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 44.8 47.6 71.4#

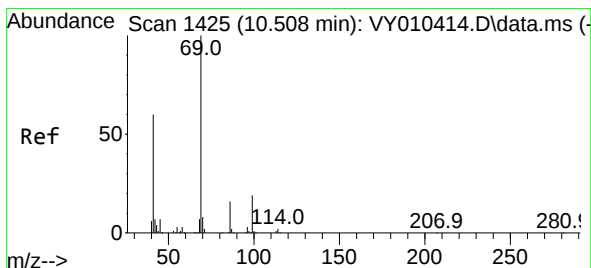
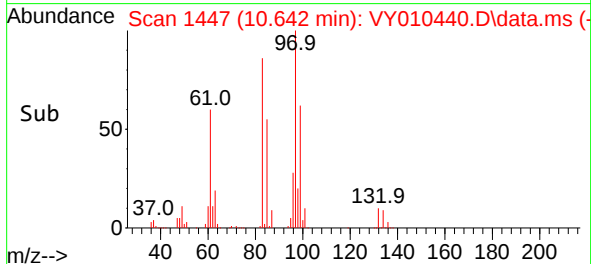
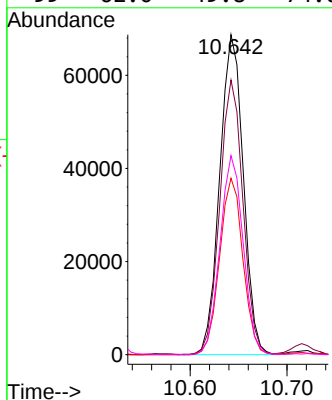
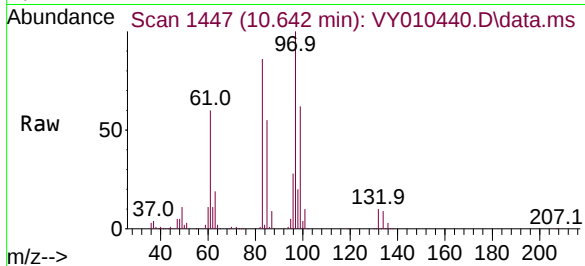




#55
1,1,2-Trichloroethane
Concen: 50.041 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

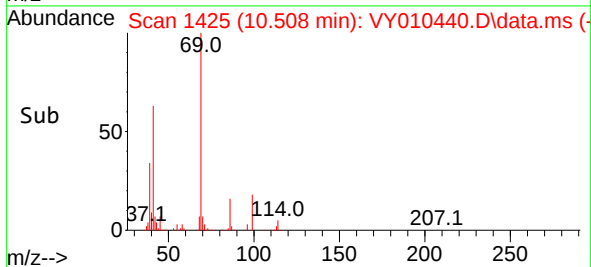
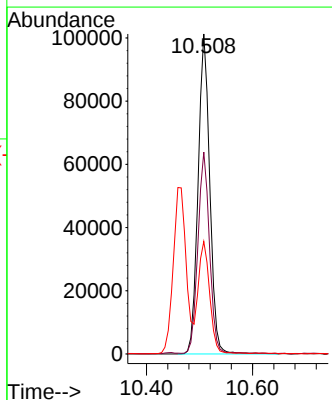
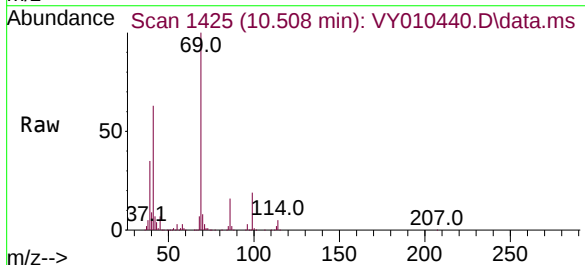
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

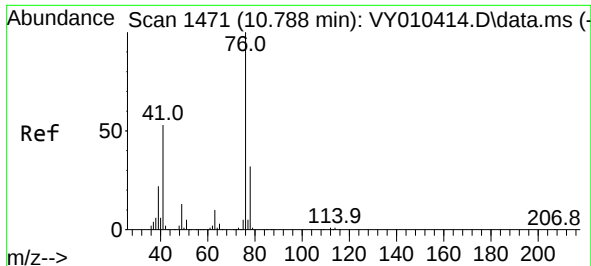
Tgt Ion:	97	Resp:	116584
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.8	104.8
85	55.2	44.3	66.5
99	62.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 50.668 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:	69	Resp:	155029
Ion	Ratio	Lower	Upper
69	100		
41	62.4	63.4	95.0#
39	33.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 50.429 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

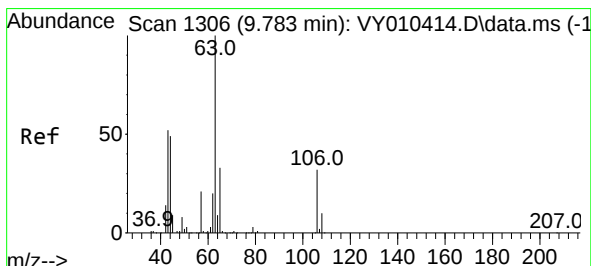
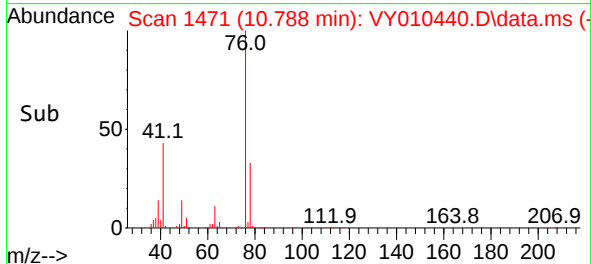
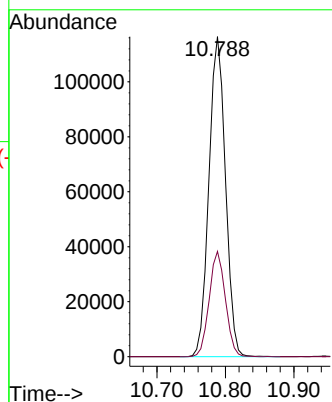
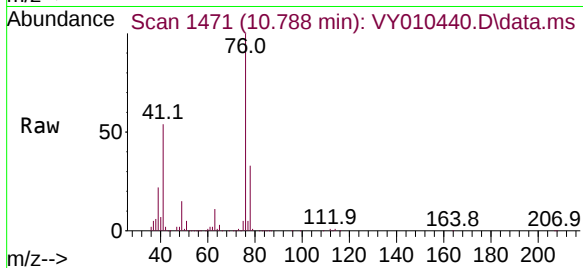
VSTDCCC050

Tgt Ion: 76 Resp: 195357

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 213.050 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY010440.D

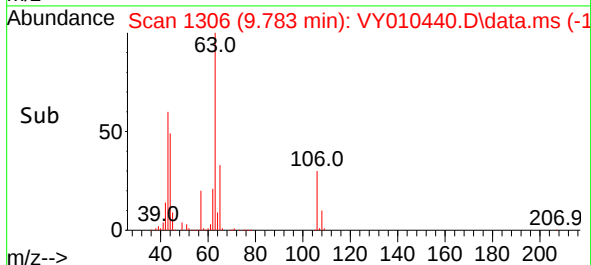
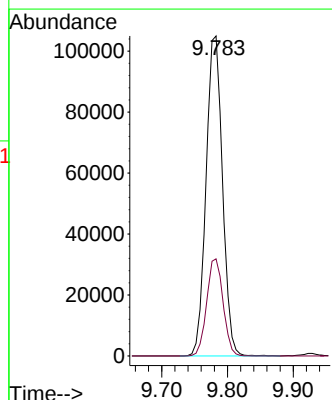
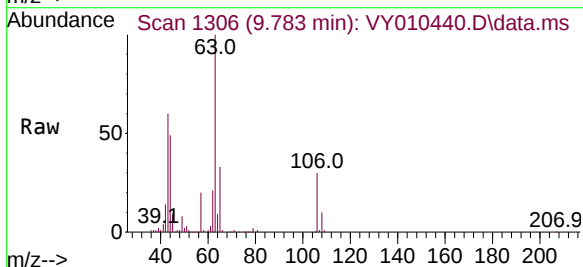
Acq: 12 Sep 2022 11:48

Tgt Ion: 63 Resp: 182379

Ion Ratio Lower Upper

63 100

106 30.3 21.5 32.3

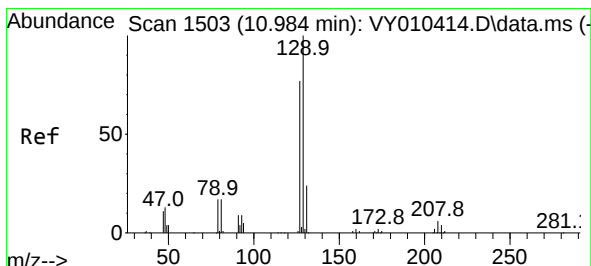
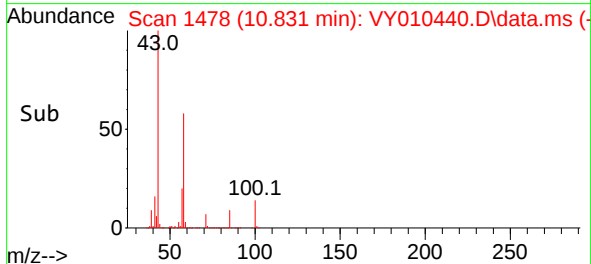
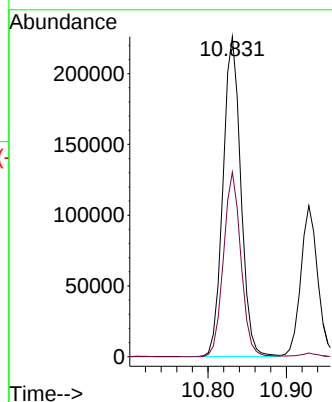
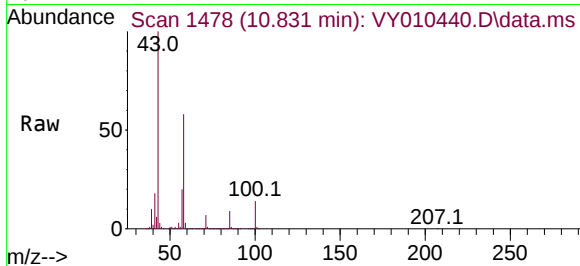




#59
2-Hexanone
Concen: 257.152 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

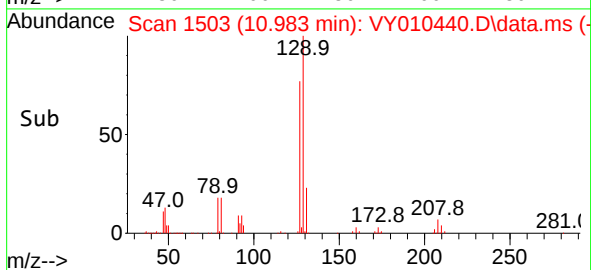
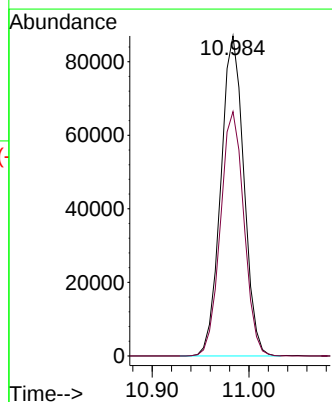
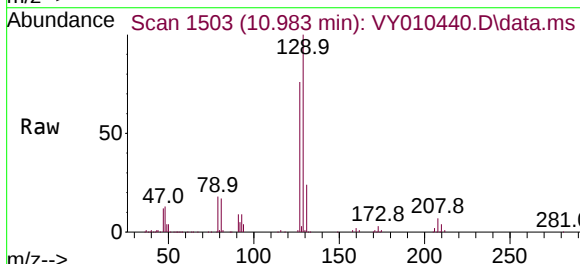
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

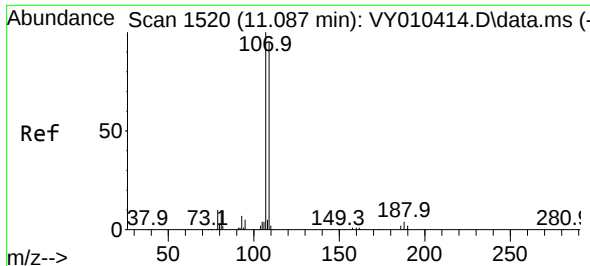
Tgt Ion: 43 Resp: 357829
Ion Ratio Lower Upper
43 100
58 56.4 24.4 73.4



#60
Dibromochloromethane
Concen: 50.549 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 129 Resp: 143916
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

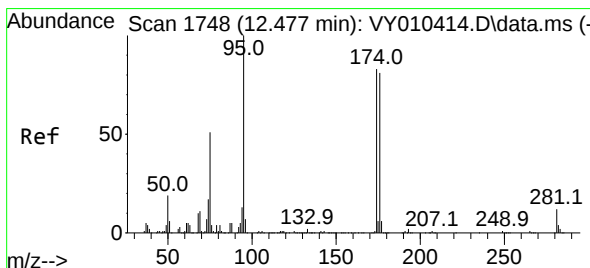
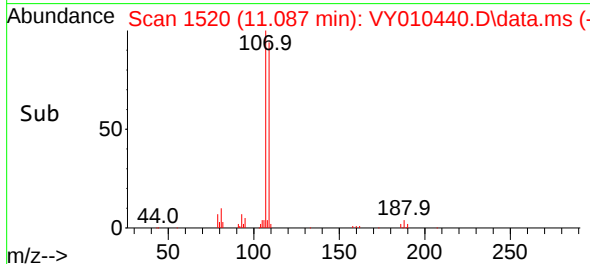
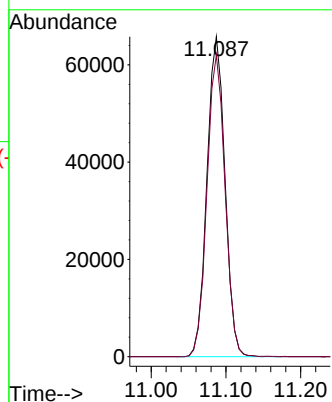
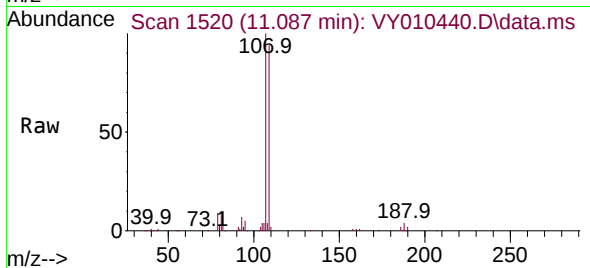




#61
1,2-Dibromoethane
Concen: 48.723 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

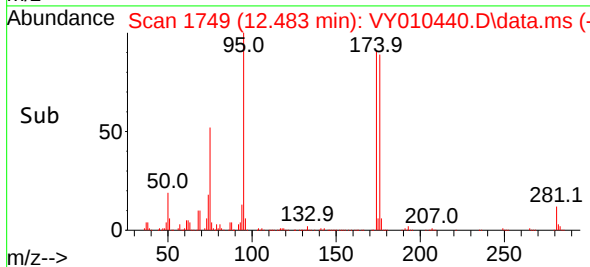
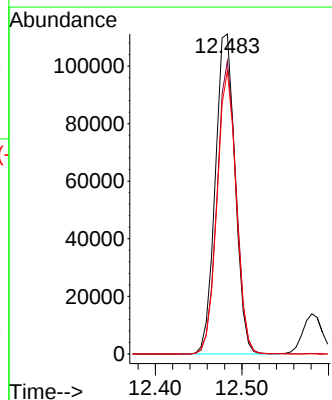
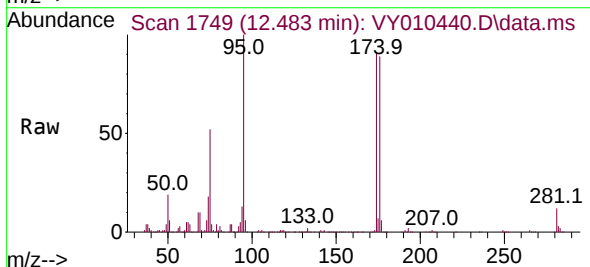
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

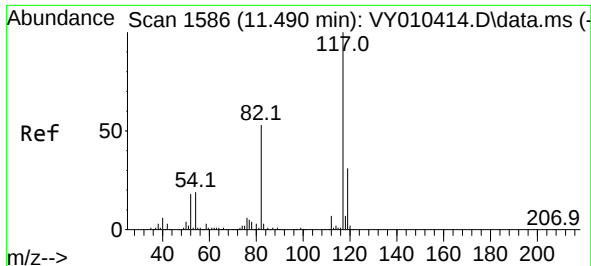
Tgt Ion:107 Resp: 110193
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.587 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 95 Resp: 177005
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.6 0.0 175.8

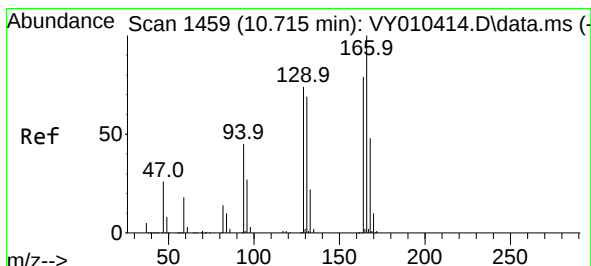
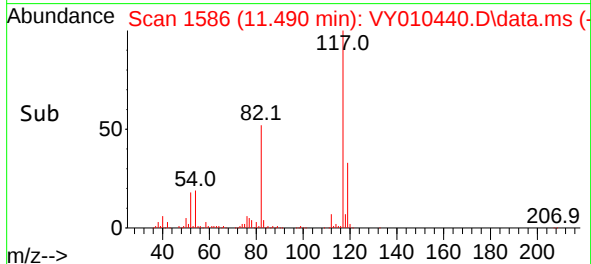
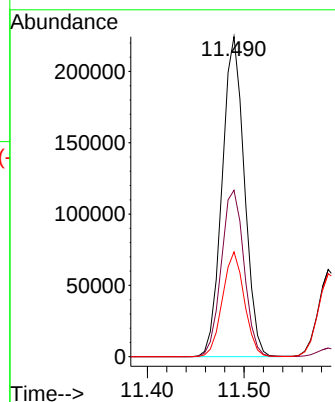
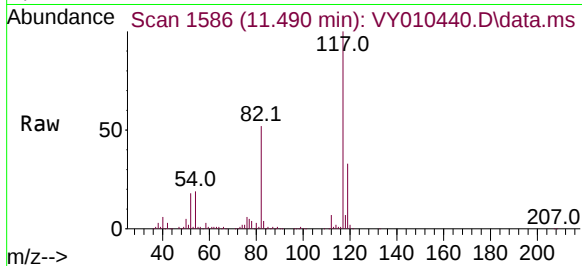




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

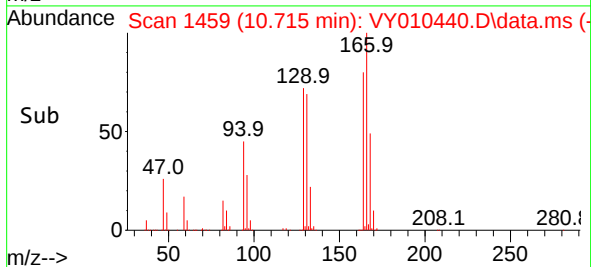
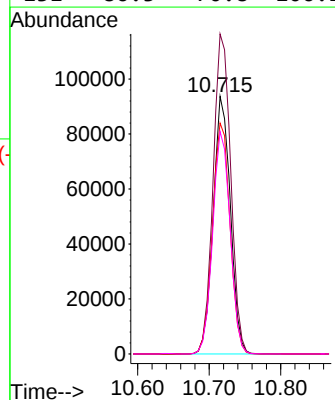
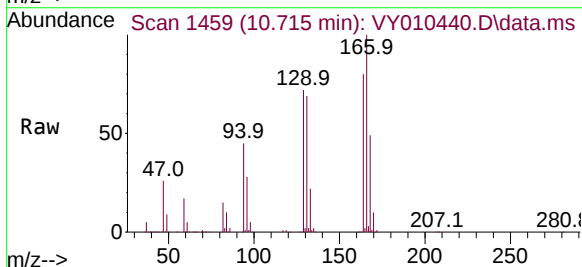
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

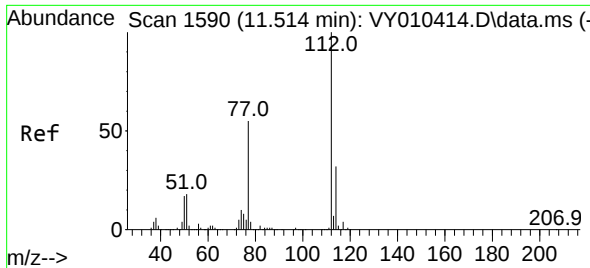
Tgt Ion:117 Resp: 357963
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 48.460 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:164 Resp: 156355
Ion Ratio Lower Upper
164 100
166 124.2 100.4 150.6
129 89.6 71.4 107.0
131 86.3 70.8 106.2

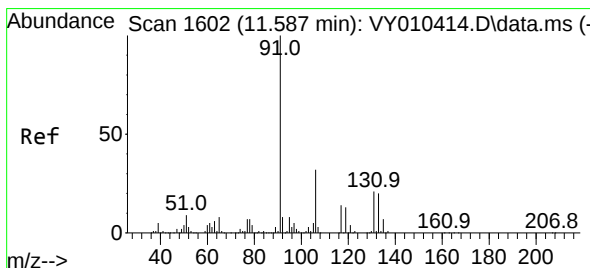
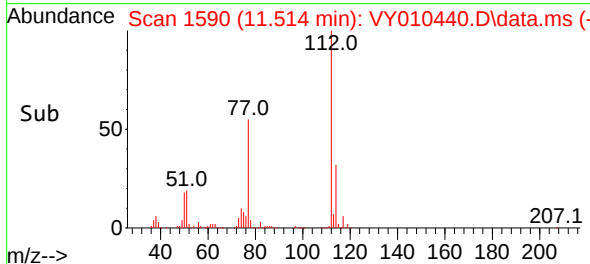
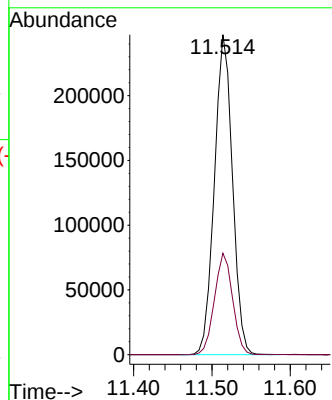
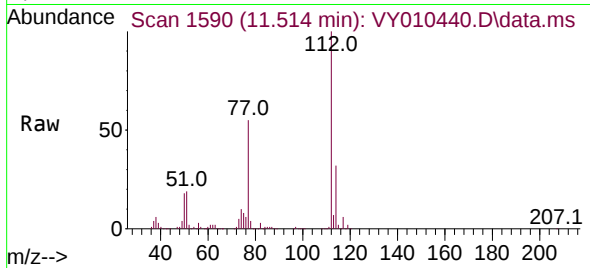




#65
Chlorobenzene
Concen: 49.440 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

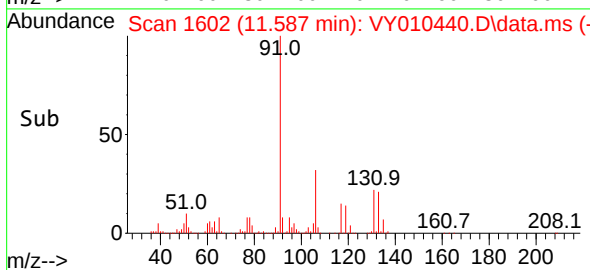
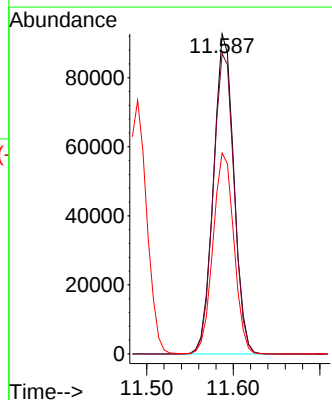
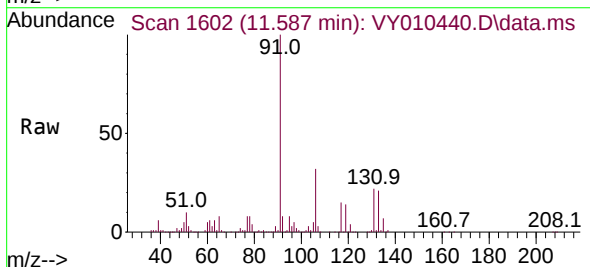
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

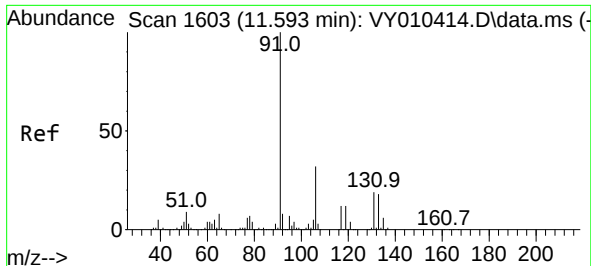
Tgt Ion:112 Resp: 395777
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.180 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:131 Resp: 151743
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 64.3 30.8 92.3

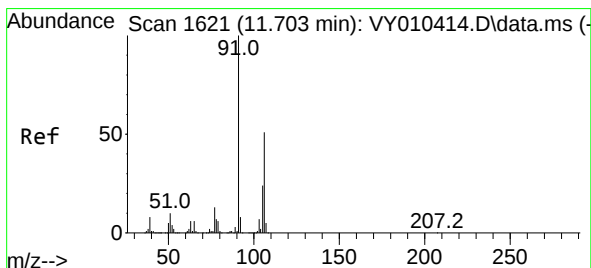
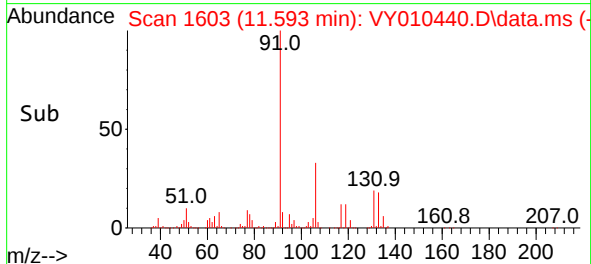
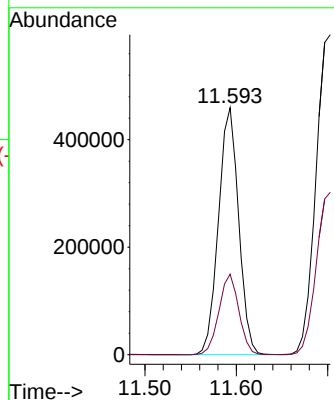
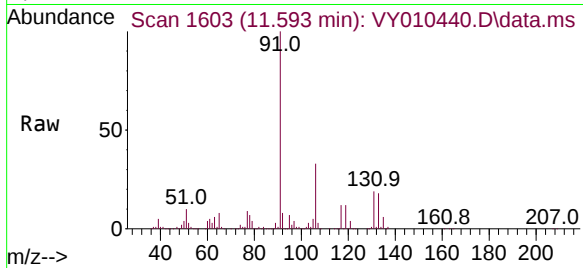




#67
Ethyl Benzene
Concen: 49.796 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

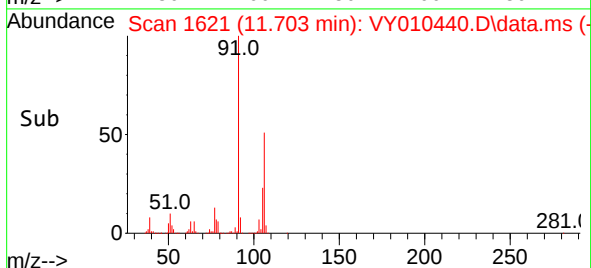
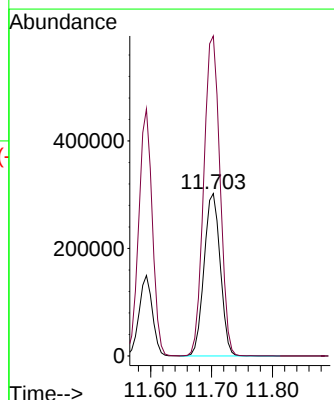
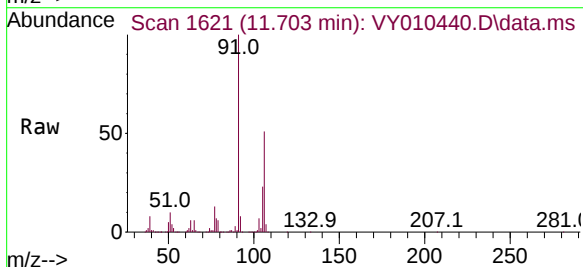
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

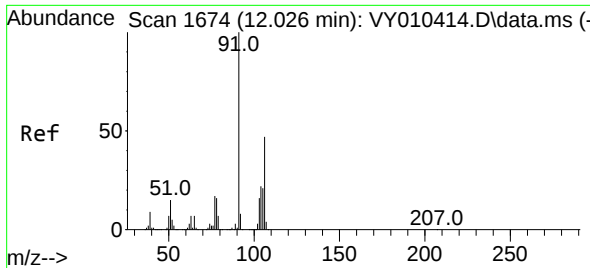
Tgt Ion: 91 Resp: 705518
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7



#68
m/p-Xylenes
Concen: 100.282 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:106 Resp: 557793
Ion Ratio Lower Upper
106 100
91 197.3 166.6 249.8

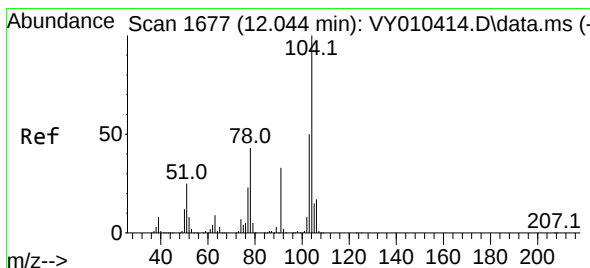
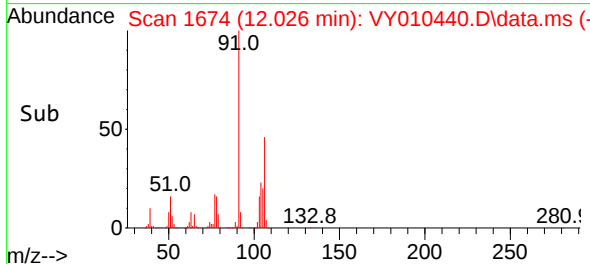
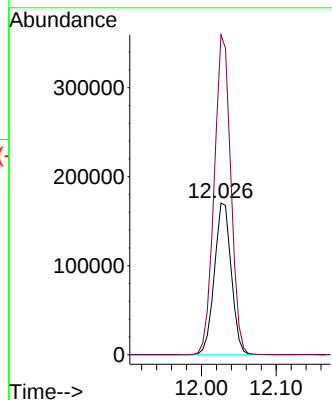
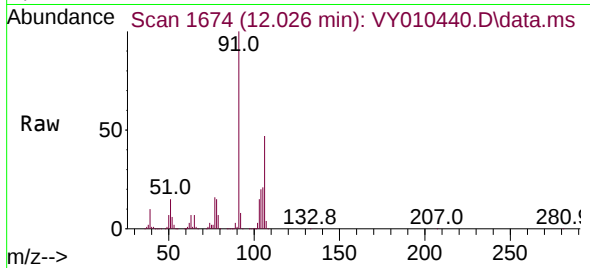




#69
o-Xylene
Concen: 50.370 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

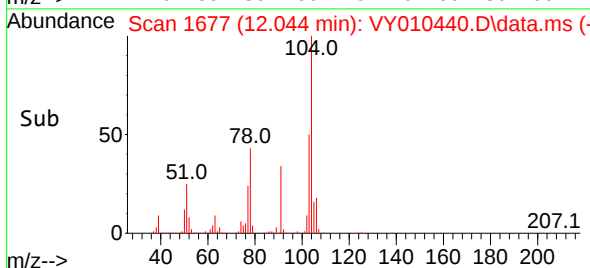
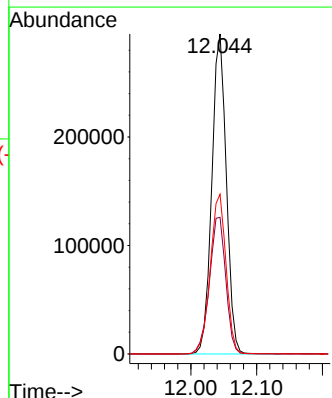
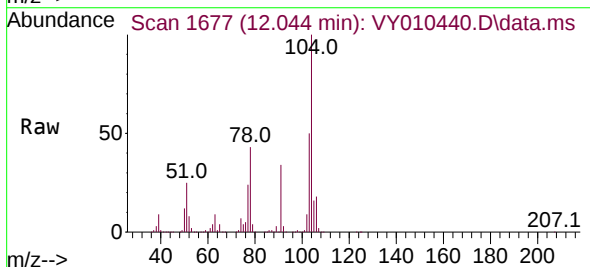
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 267525
Ion Ratio Lower Upper
106 100
91 208.5 110.3 331.0



#70
Styrene
Concen: 50.395 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:104 Resp: 453009
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 49.903 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

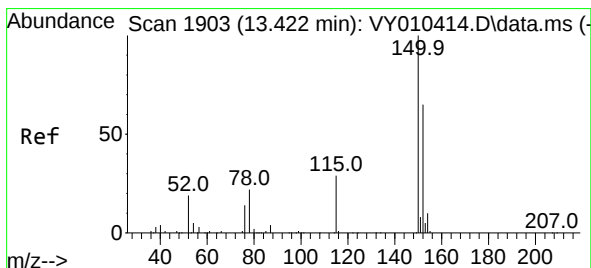
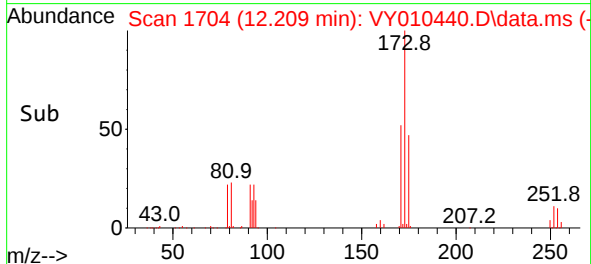
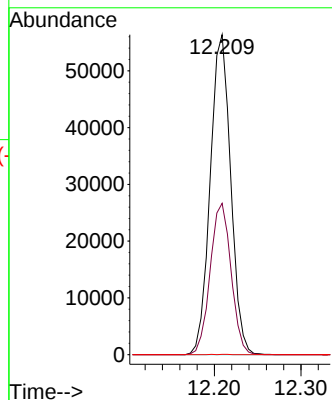
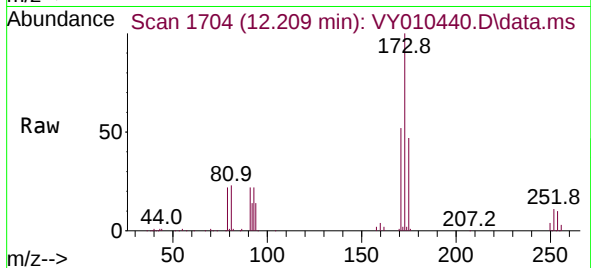
Tgt Ion:173 Resp: 92504

Ion Ratio Lower Upper

173 100

175 48.3 24.6 74.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

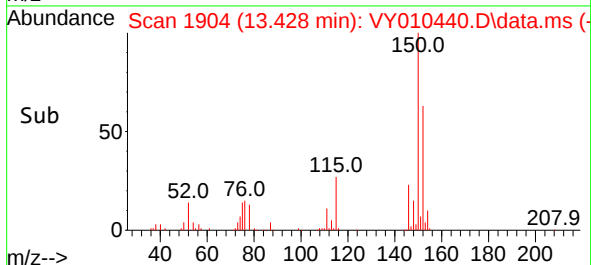
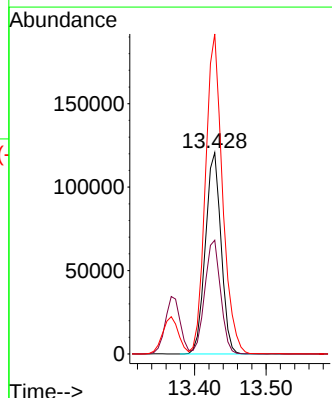
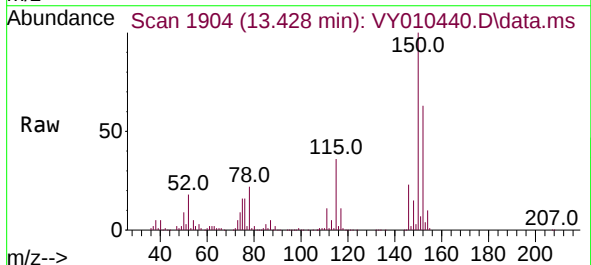
Tgt Ion:152 Resp: 183471

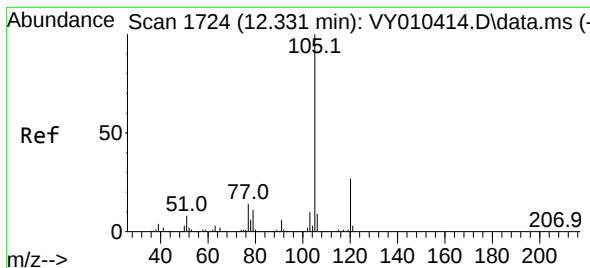
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 173.2 0.0 347.6





#73

Isopropylbenzene

Concen: 49.300 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

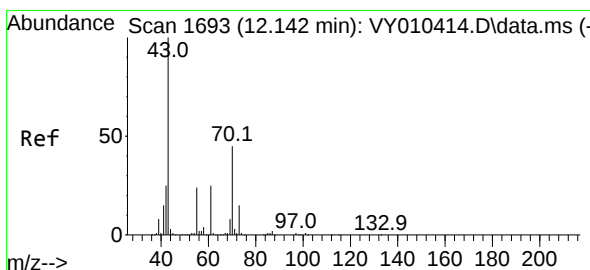
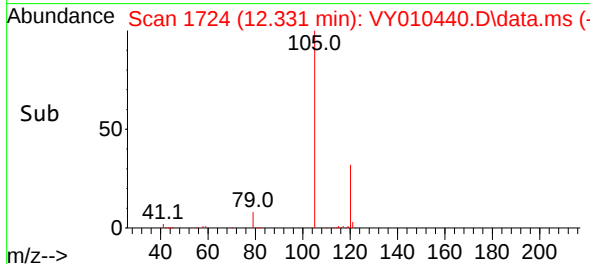
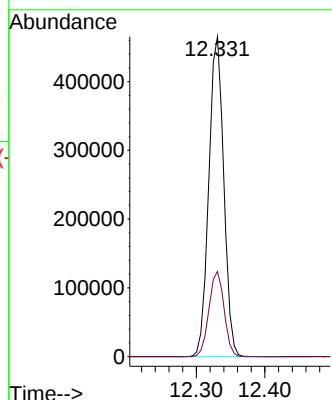
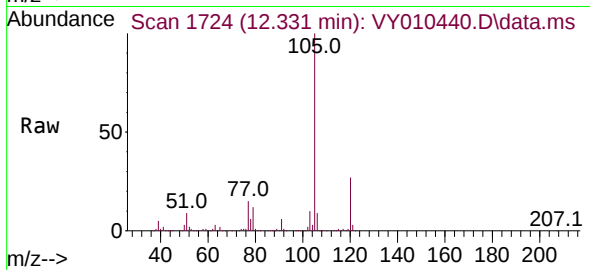
VSTDCCC050

Tgt Ion:105 Resp: 705733

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 51.650 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Tgt Ion: 43 Resp: 172512

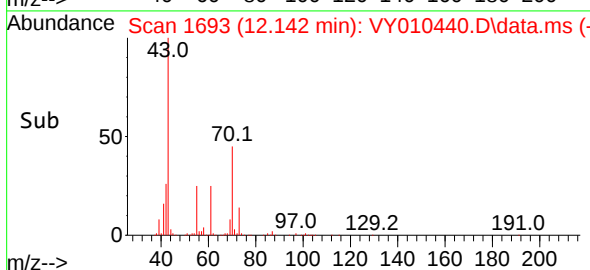
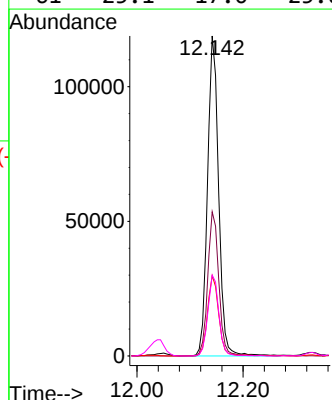
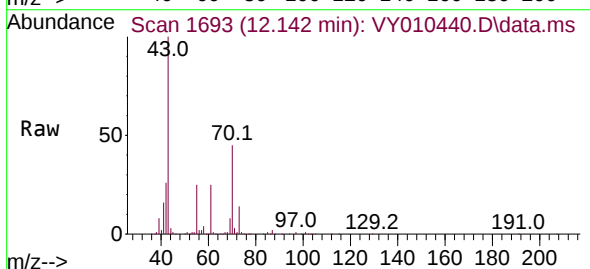
Ion Ratio Lower Upper

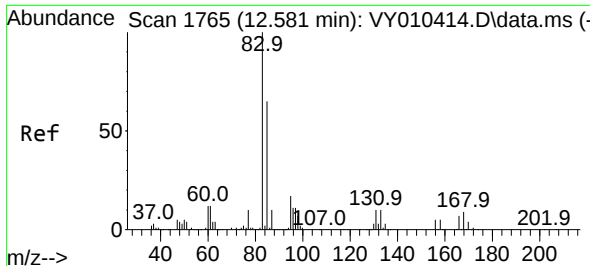
43 100

70 44.7 28.7 43.1#

55 25.0 17.3 25.9

61 25.1 17.0 25.6

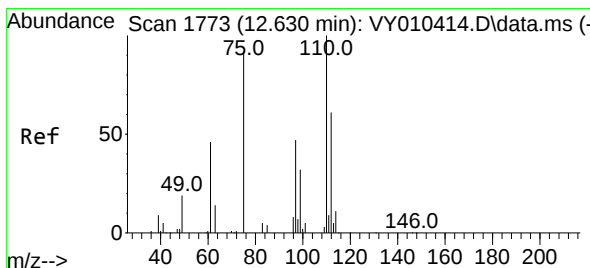
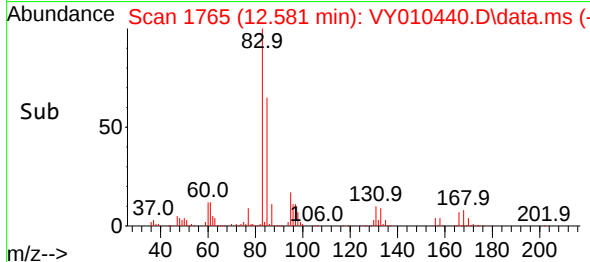
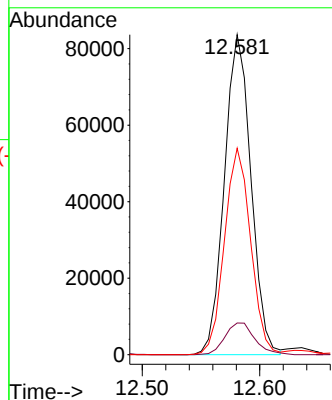
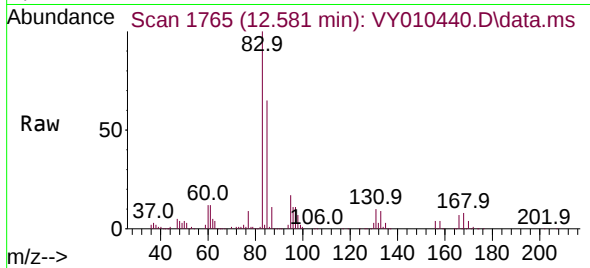




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.110 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

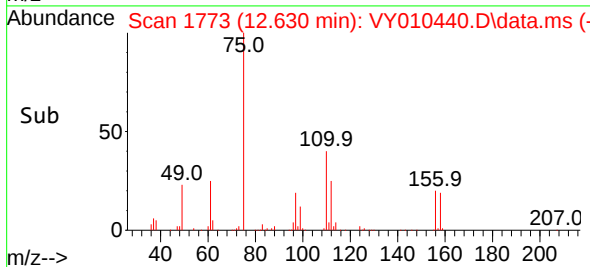
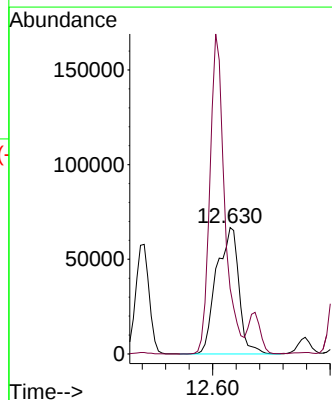
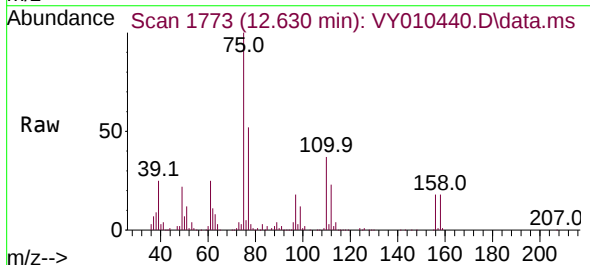
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

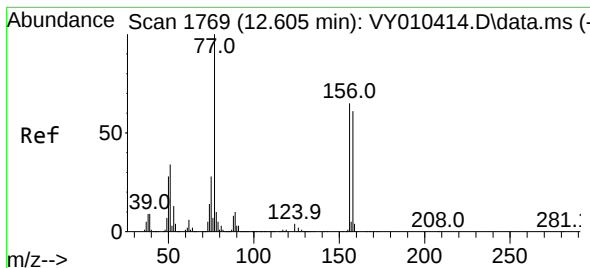
Tgt Ion: 83 Resp: 131509
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.6 16.8
 85 63.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 87.422 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

Tgt Ion: 75 Resp: 177021
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.516 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

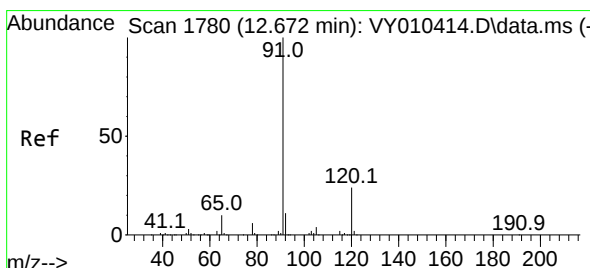
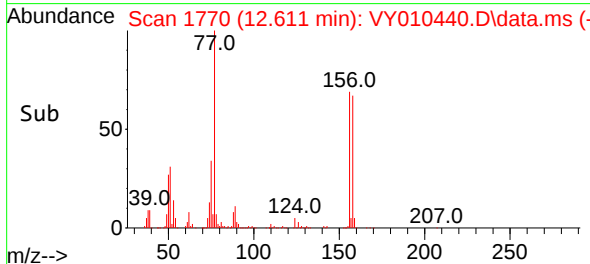
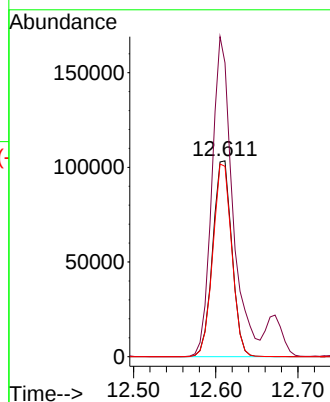
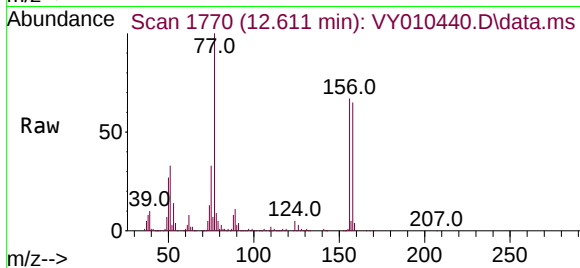
Tgt Ion:156 Resp: 167961

Ion Ratio Lower Upper

156 100

77 176.7 95.5 286.4

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 49.792 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY010440.D

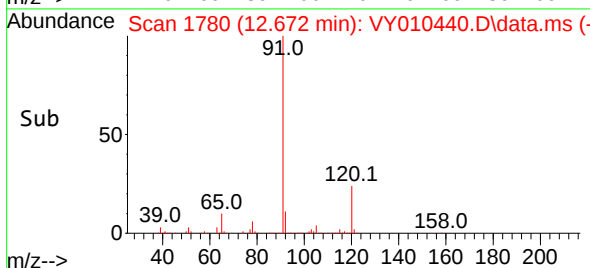
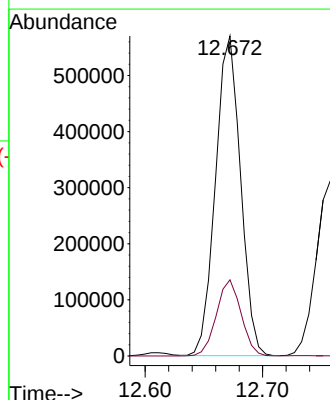
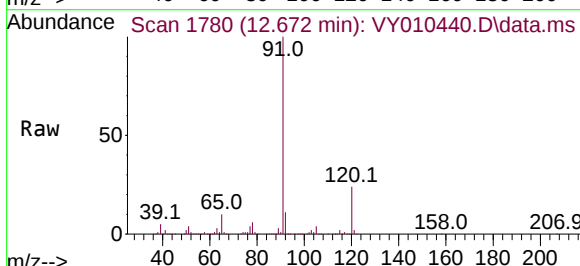
Acq: 12 Sep 2022 11:48

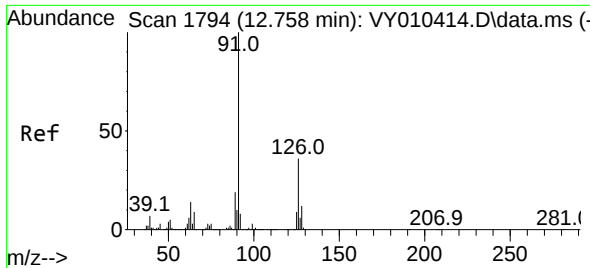
Tgt Ion: 91 Resp: 844042

Ion Ratio Lower Upper

91 100

120 23.5 11.3 33.9

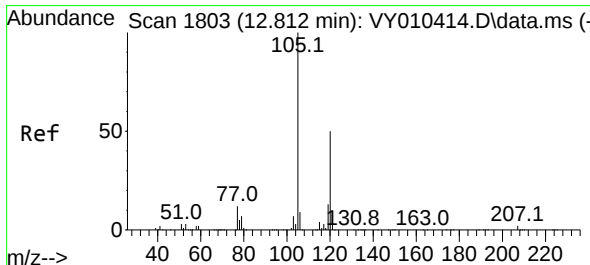
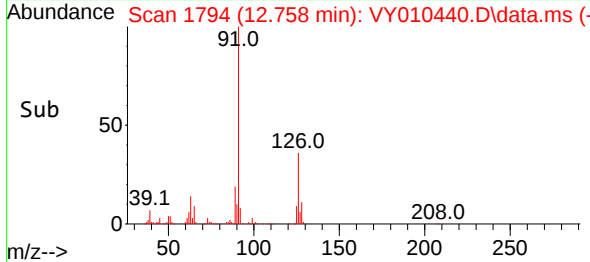
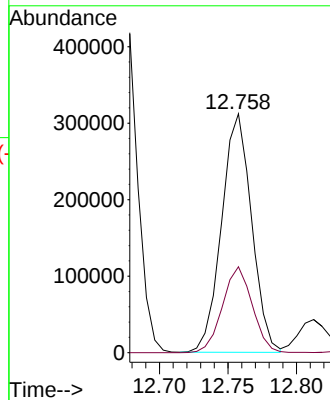
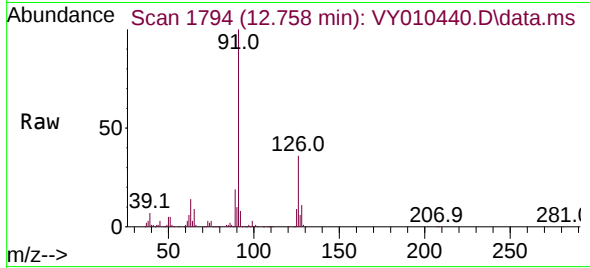




#79
2-Chlorotoluene
Concen: 49.858 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

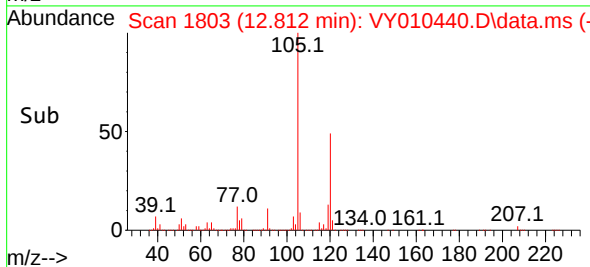
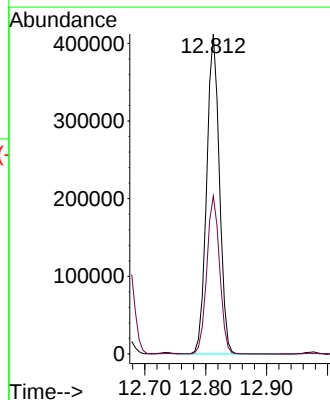
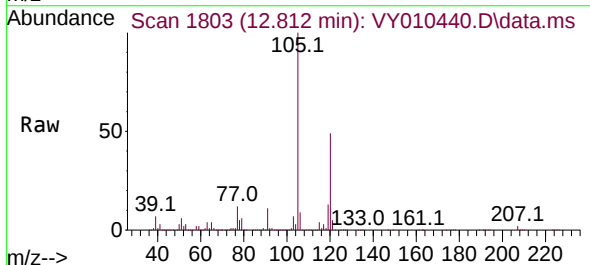
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

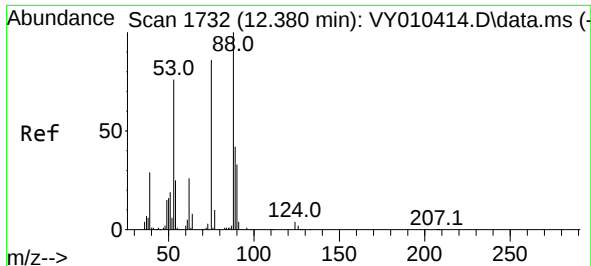
Tgt Ion: 91 Resp: 474753
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.406 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 105 Resp: 596745
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4

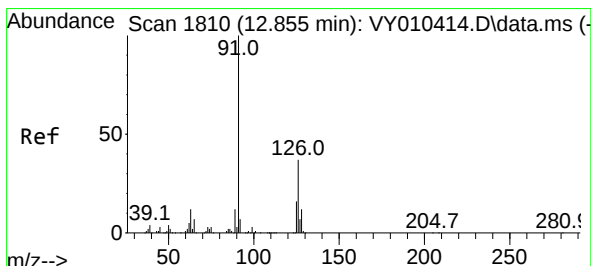
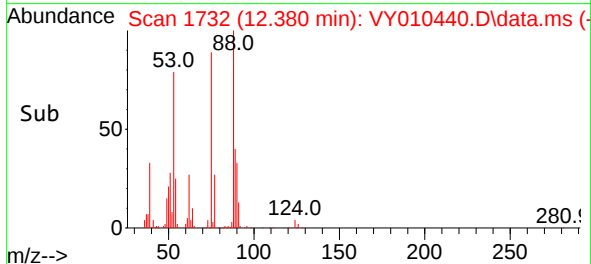
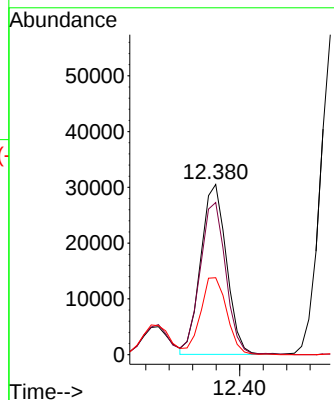
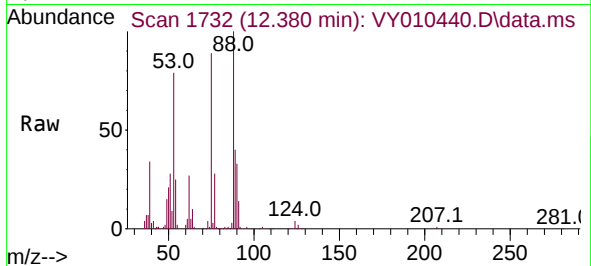




#81
trans-1,4-Dichloro-2-butene
Concen: 50.947 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

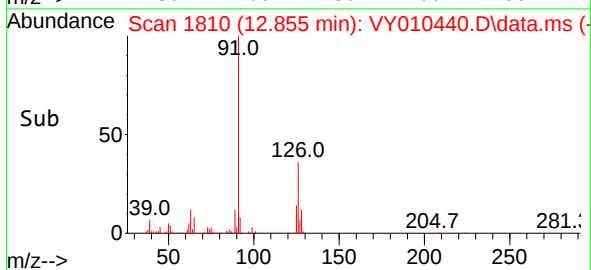
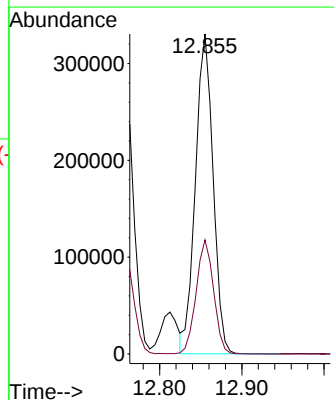
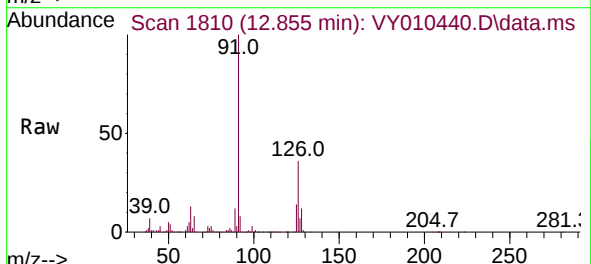
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

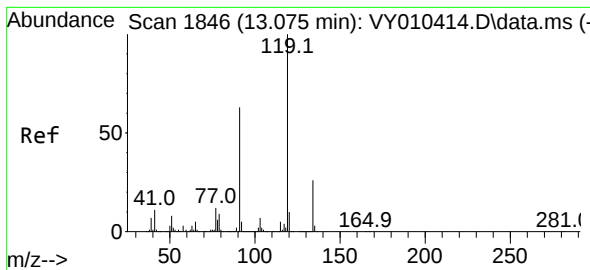
Tgt Ion: 75 Resp: 46462
Ion Ratio Lower Upper
75 100
53 89.5 85.3 127.9
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.688 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion: 91 Resp: 492212
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0

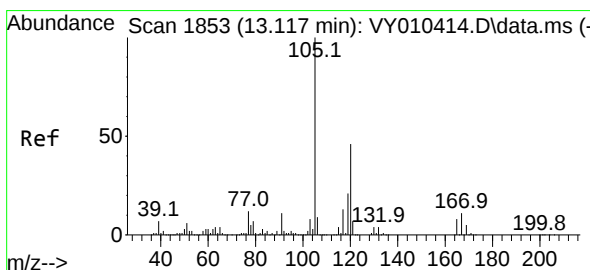
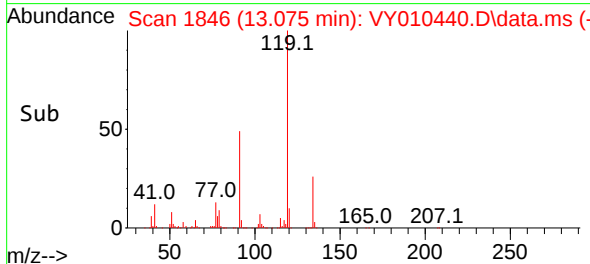
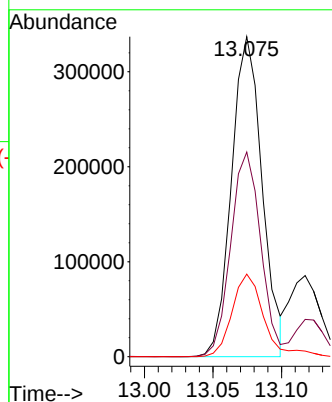
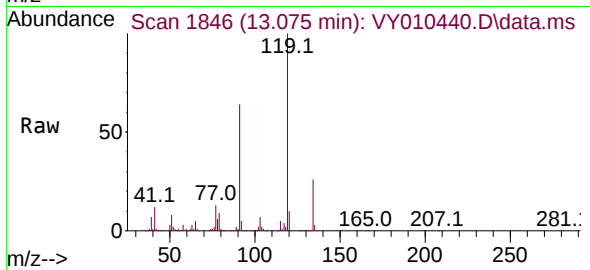




#83
tert-Butylbenzene
Concen: 49.802 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

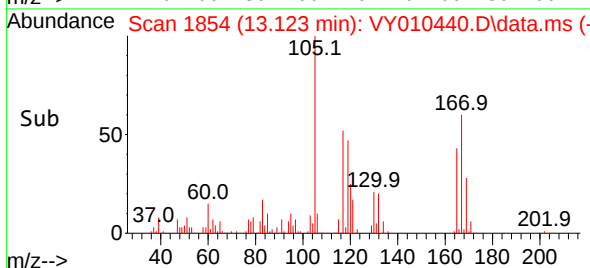
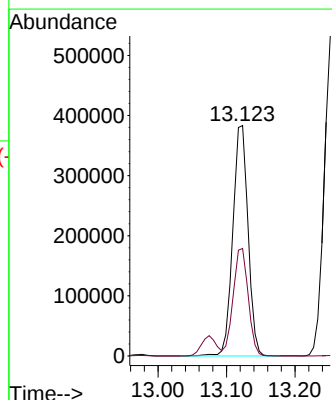
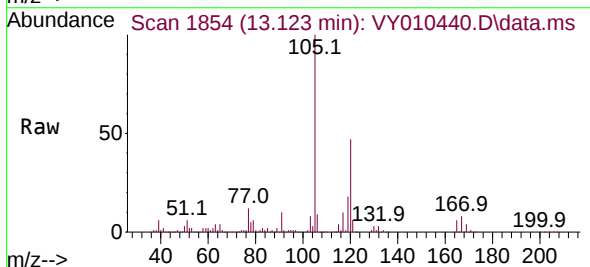
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

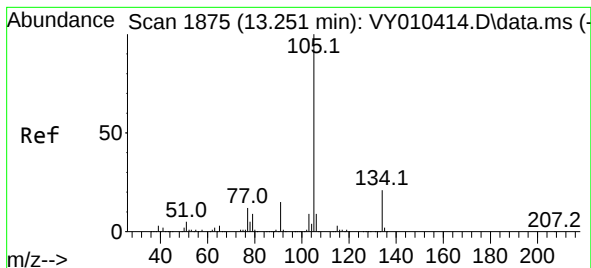
Tgt Ion:119 Resp: 525759
Ion Ratio Lower Upper
119 100
91 62.4 34.8 104.4
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.082 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:105 Resp: 591876
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9

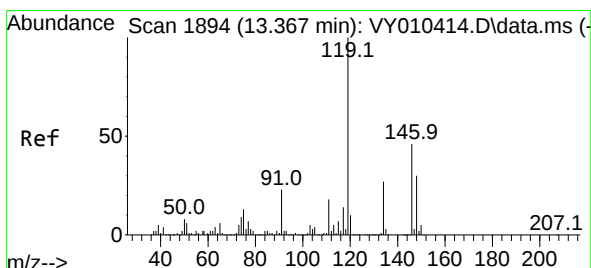
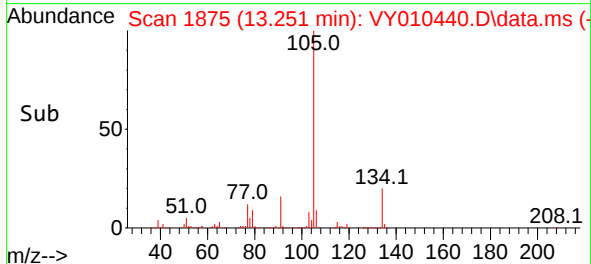
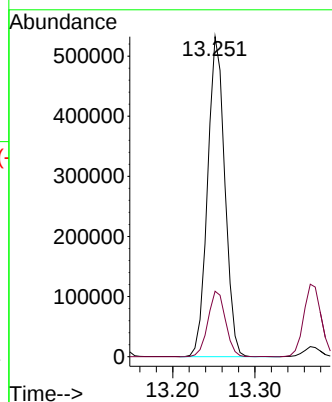
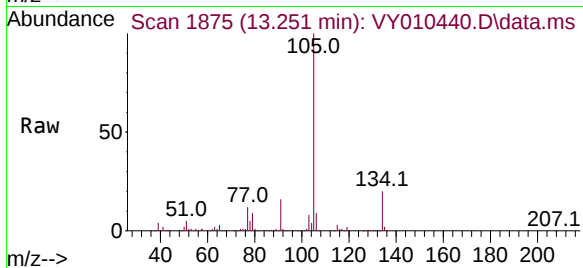




#85
 sec-Butylbenzene
 Concen: 49.514 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

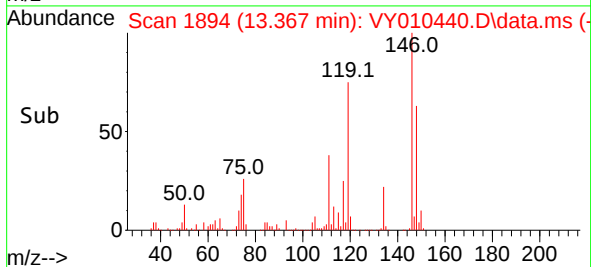
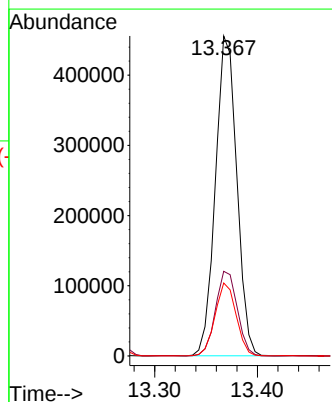
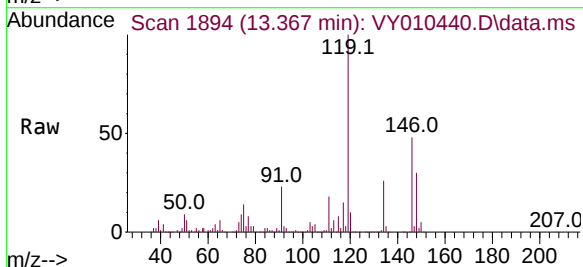
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

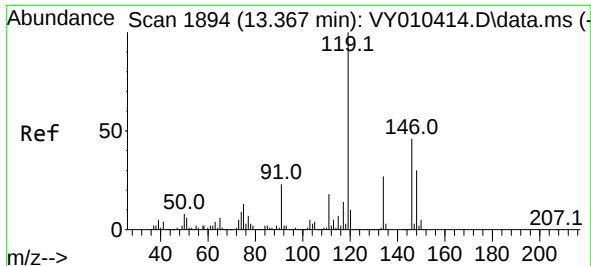
Tgt Ion:105 Resp: 774011
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.668 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

Tgt Ion:119 Resp: 656743
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 22.4 12.4 37.2

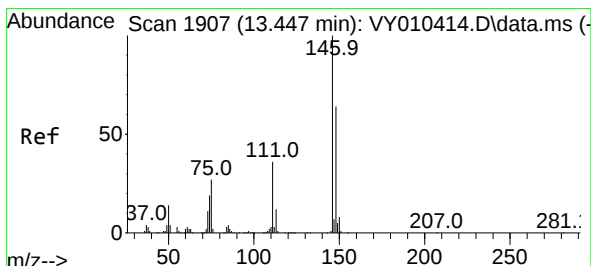
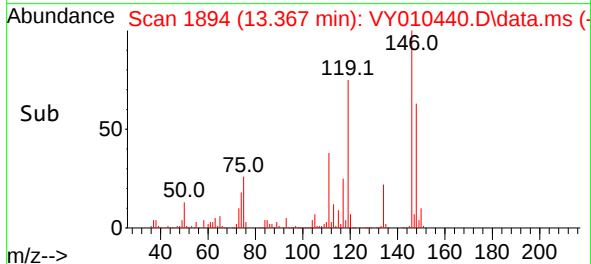
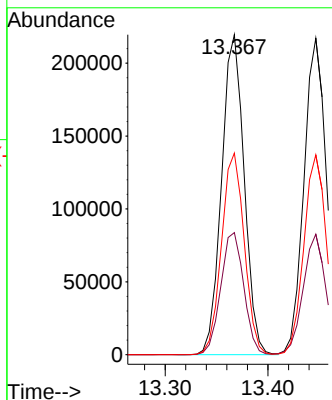
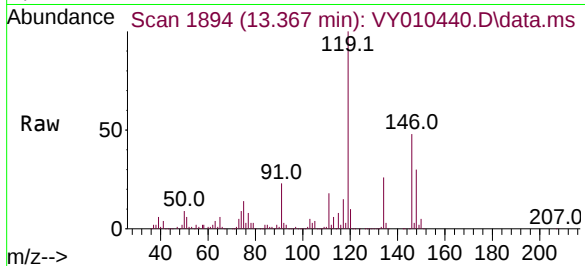




#87
1,3-Dichlorobenzene
Concen: 49.207 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

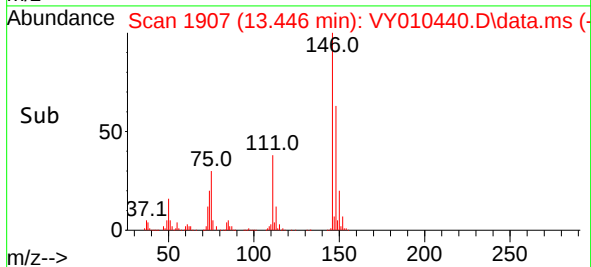
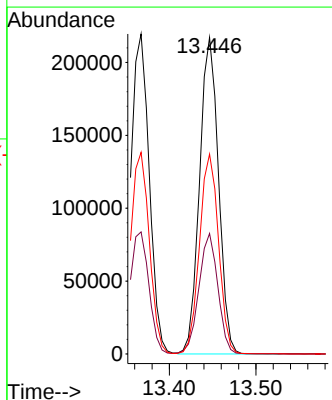
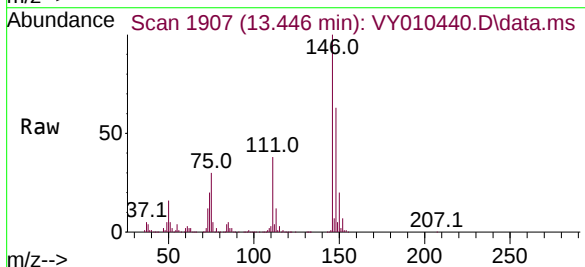
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

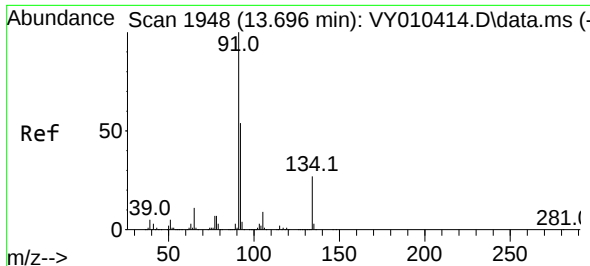
Tgt Ion:146 Resp: 335167
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 63.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 48.923 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY010440.D
Acq: 12 Sep 2022 11:48

Tgt Ion:146 Resp: 329979
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.8
148 63.6 32.6 97.8





#89

n-Butylbenzene

Concen: 49.914 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

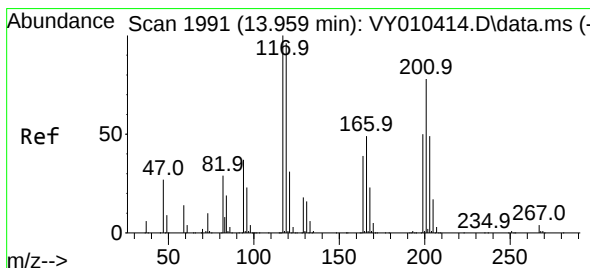
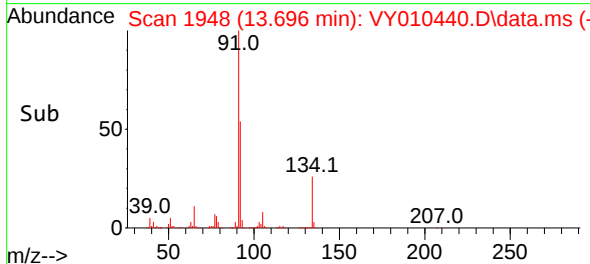
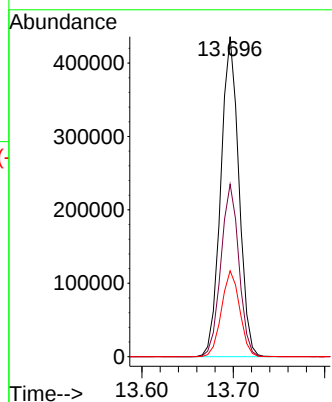
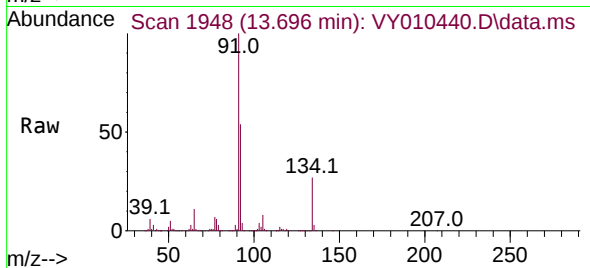
Tgt Ion: 91 Resp: 599088

Ion Ratio Lower Upper

91 100

92 53.7 26.3 78.9

134 27.1 13.0 38.9



#90

Hexachloroethane

Concen: 49.585 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY010440.D

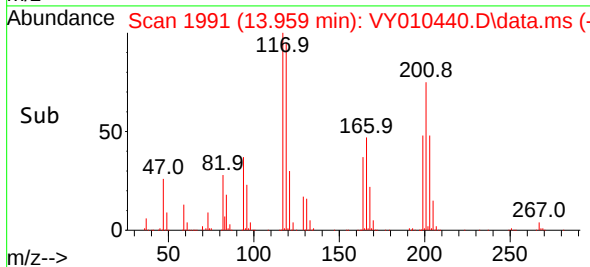
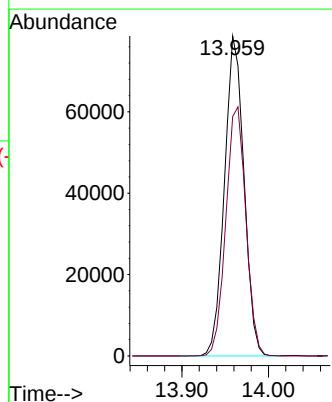
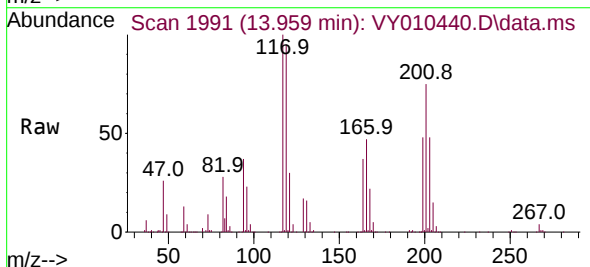
Acq: 12 Sep 2022 11:48

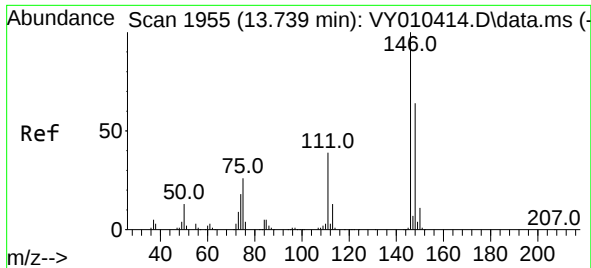
Tgt Ion: 117 Resp: 123100

Ion Ratio Lower Upper

117 100

201 80.0 43.0 128.8

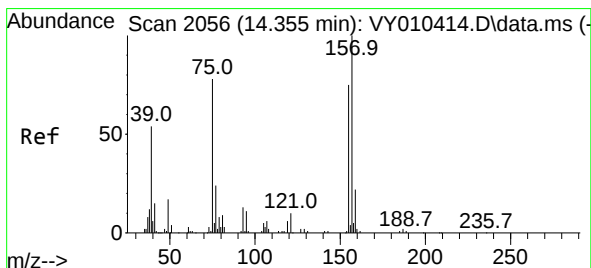
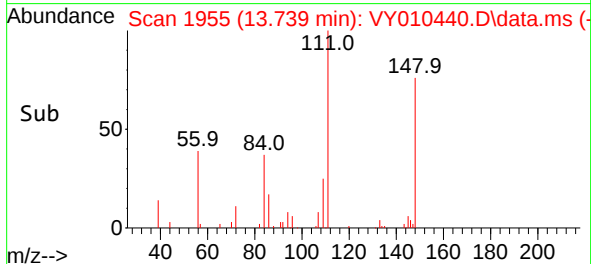
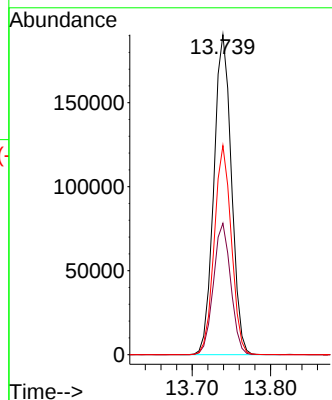
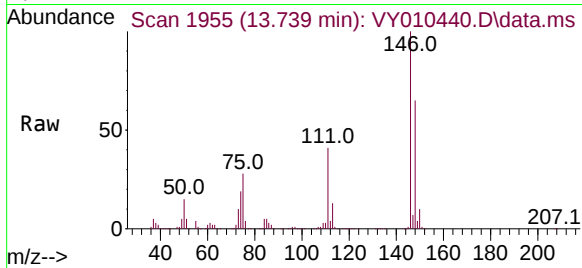




#91
 1,2-Dichlorobenzene
 Concen: 49.120 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

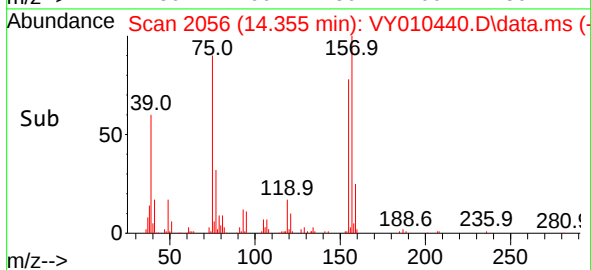
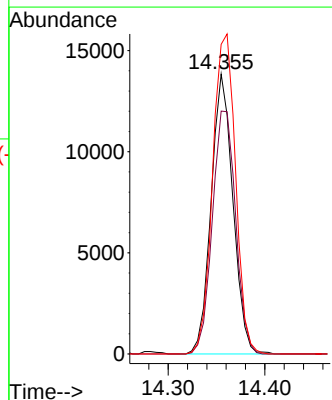
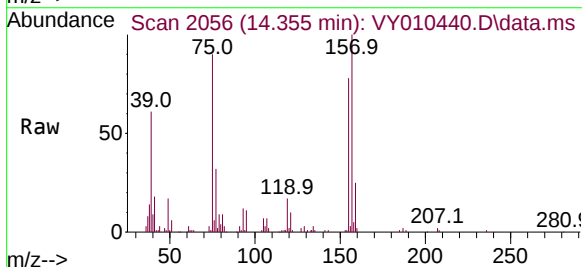
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

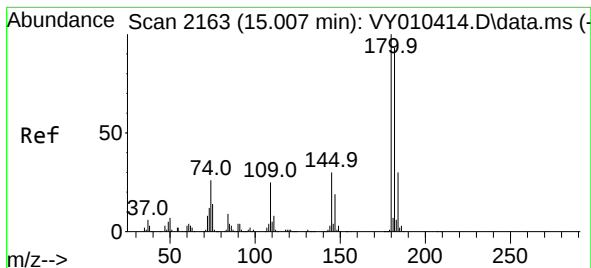
Tgt Ion:146 Resp: 296338
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.9
 148 63.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.863 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY010440.D
 Acq: 12 Sep 2022 11:48

Tgt Ion: 75 Resp: 21634
 Ion Ratio Lower Upper
 75 100
 155 92.7 38.0 113.9
 157 119.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 49.492 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

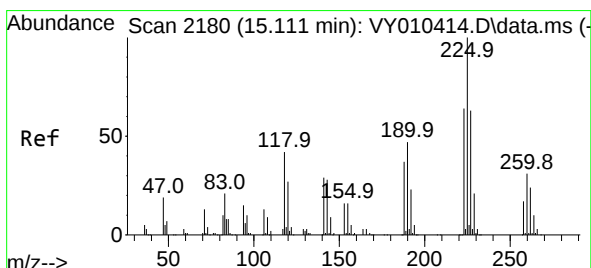
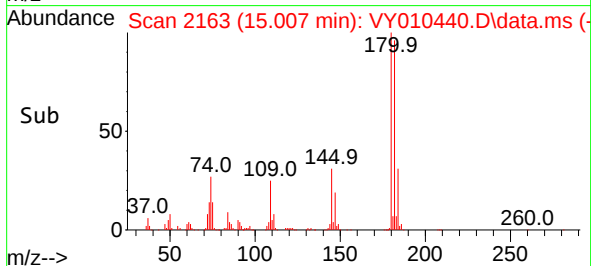
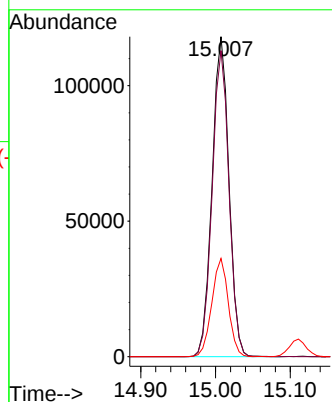
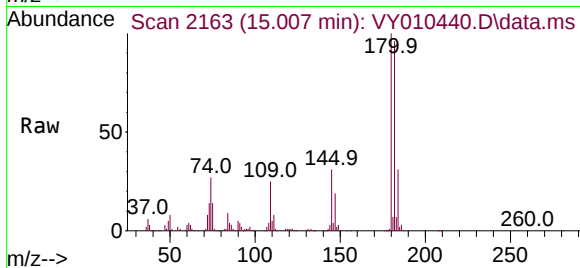
Tgt Ion:180 Resp: 185443

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 30.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.135 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

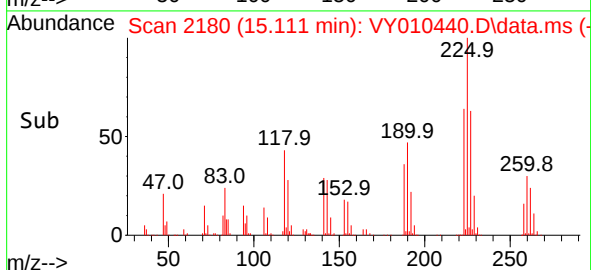
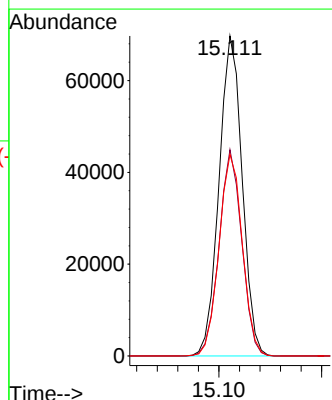
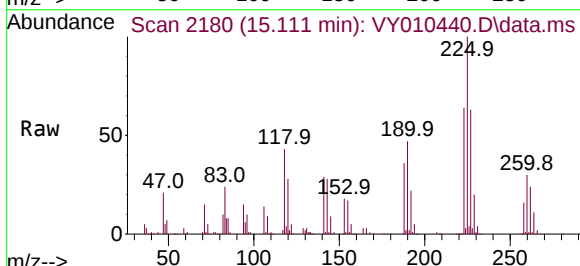
Tgt Ion:225 Resp: 108824

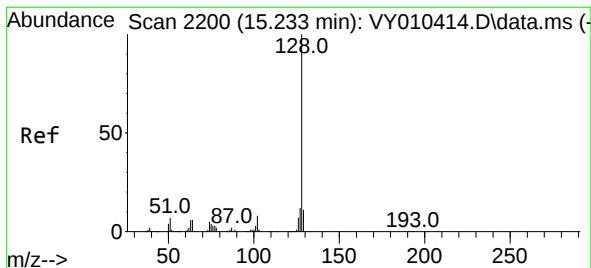
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 49.509 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

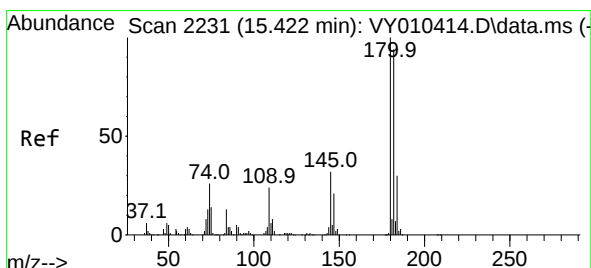
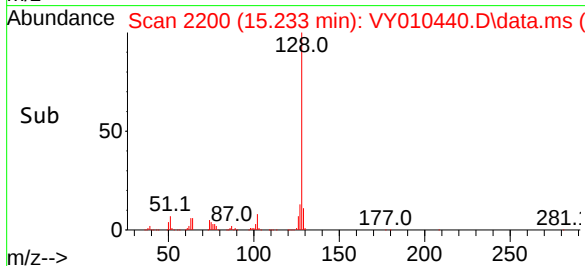
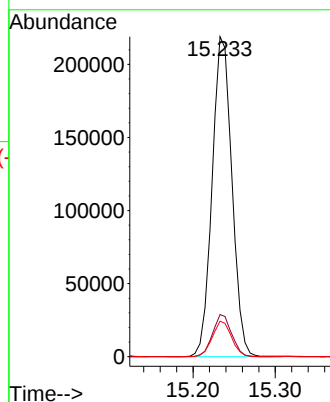
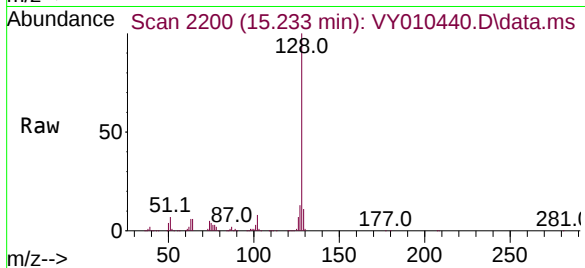
Tgt Ion:128 Resp: 365896

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.577 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010440.D

Acq: 12 Sep 2022 11:48

Tgt Ion:180 Resp: 158887

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 32.4 15.3 45.9

