

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010032.D
 Acq On : 15 Aug 2022 17:17
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 16 06:28:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 06:22:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	117124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	162262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	155452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55445	47.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.300%
35) Dibromofluoromethane	7.710	113	52112	52.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.173	98	201694	52.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.860%
62) 4-Bromofluorobenzene	12.477	95	72697	52.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43381	41.939	ug/l	100
3) Chloromethane	2.107	50	64195	74.742	ug/l	100
4) Vinyl Chloride	2.241	62	82031	86.008	ug/l	100
5) Bromomethane	2.638	94	61349	97.977	ug/l	100
6) Chloroethane	2.784	64	54230	85.227	ug/l	100
7) Trichlorofluoromethane	3.113	101	93494	46.512	ug/l	100
8) Diethyl Ether	3.522	74	26089	36.128	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	49807	39.781	ug/l	100
10) Methyl Iodide	4.076	142	68240	45.316	ug/l	100
11) Tert butyl alcohol	4.948	59	22252	199.762	ug/l	100
12) 1,1-Dichloroethene	3.863	96	46410	38.397	ug/l	100
13) Acrolein	3.717	56	16211	116.990	ug/l	100
14) Allyl chloride	4.460	41	67649	39.844	ug/l	100
15) Acrylonitrile	5.143	53	61120	177.899	ug/l	100
16) Acetone	3.936	43	59163	215.143	ug/l	100
17) Carbon Disulfide	4.180	76	136748	35.194	ug/l	100
18) Methyl Acetate	4.466	43	30757	40.656	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	127294	42.885	ug/l	100
20) Methylene Chloride	4.704	84	55762	38.294	ug/l	100
21) trans-1,2-Dichloroethene	5.210	96	54256	40.217	ug/l	100
22) Diisopropyl ether	6.106	45	152380	43.872	ug/l	100
23) Vinyl Acetate	6.045	43	495393	231.215	ug/l	100
24) 1,1-Dichloroethane	6.003	63	89194	40.684	ug/l	100
25) 2-Butanone	6.978	43	89238	207.777	ug/l	100
26) 2,2-Dichloropropane	6.966	77	89859	45.325	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	60658	41.766	ug/l	100
28) Bromochloromethane	7.326	49	36868	42.093	ug/l	100
29) Tetrahydrofuran	7.338	42	54919	203.433	ug/l	100
30) Chloroform	7.496	83	100040	43.759	ug/l	100
31) Cyclohexane	7.777	56	78617	38.268	ug/l	100
32) 1,1,1-Trichloroethane	7.691	97	96457	48.792	ug/l	100
36) 1,1-Dichloropropene	7.905	75	75540	50.951	ug/l	100
37) Ethyl Acetate	7.064	43	39557	49.595	ug/l	100
38) Carbon Tetrachloride	7.893	117	91243	59.729	ug/l	100
39) Methylcyclohexane	9.173	83	88423	50.091	ug/l	100
40) Benzene	8.149	78	214578	48.376	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17846m	42.134	ug/l	
42) 1,2-Dichloroethane	8.228	62	66396	56.169	ug/l	100
43) Isopropyl Acetate	8.265	43	72974	52.344	ug/l	100
44) Trichloroethene	8.935	130	65092	53.321	ug/l	100
45) 1,2-Dichloropropane	9.210	63	50159	47.234	ug/l	100
46) Dibromomethane	9.301	93	32214	50.123	ug/l	100
47) Bromodichloromethane	9.490	83	78581	54.155	ug/l	100
48) Methyl methacrylate	9.289	41	32546	53.195	ug/l	100
49) 1,4-Dioxane	9.289	88	6531	854.175	ug/l	100
51) 4-Methyl-2-Pentanone	10.063	43	204783	270.606	ug/l	100
52) Toluene	10.240	92	149195	54.832	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	77439	52.449	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	85049	50.267	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	44809	48.932	ug/l	100
56) Ethyl methacrylate	10.508	69	56640	50.567	ug/l	100
57) 1,3-Dichloropropane	10.789	76	72446	48.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	106349	216.510	ug/l	100
59) 2-Hexanone	10.831	43	145244	278.532	ug/l	100
60) Dibromochloromethane	10.977	129	58799	55.250	ug/l	100
61) 1,2-Dibromoethane	11.081	107	43905	49.985	ug/l	100
64) Tetrachloroethene	10.715	164	66602	57.320	ug/l	100
65) Chlorobenzene	11.514	112	163452	51.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	64806	56.511	ug/l	100
67) Ethyl Benzene	11.587	91	294117	54.837	ug/l	100
68) m/p-Xylenes	11.697	106	236668	113.322	ug/l	100
69) o-Xylene	12.026	106	110292	55.702	ug/l	100
70) Styrene	12.038	104	189987	56.359	ug/l	100
71) Bromoform	12.203	173	40816	56.275	ug/l #	100
73) Isopropylbenzene	12.325	105	292460	48.538	ug/l	100
74) N-amyl acetate	12.142	43	78535	50.631	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	54619	40.224	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	39599m	38.818	ug/l	
77) Bromobenzene	12.605	156	71823	49.028	ug/l	100
78) n-propylbenzene	12.666	91	358654	47.585	ug/l	100
79) 2-Chlorotoluene	12.752	91	198790	46.694	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	253978	51.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	20101	43.039	ug/l	100
82) 4-Chlorotoluene	12.849	91	210700	47.357	ug/l	100
83) tert-Butylbenzene	13.075	119	223121	51.341	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	255316	51.348	ug/l	100
85) sec-Butylbenzene	13.251	105	331612	49.732	ug/l	100
86) p-Isopropyltoluene	13.367	119	285588	53.811	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	150147	51.449	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	147783	48.960	ug/l	100
89) n-Butylbenzene	13.697	91	256949	50.778	ug/l	100
90) Hexachloroethane	13.959	117	52922	47.268	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	131393	50.565	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9084	41.578	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	80784	54.131	ug/l	100
94) Hexachlorobutadiene	15.111	225	48691	56.395	ug/l	100
95) Naphthalene	15.233	128	150399	43.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	67190	50.992	ug/l	100

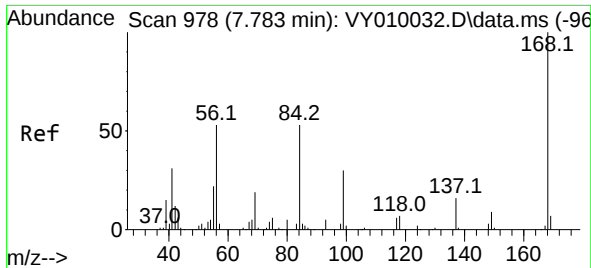
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Response via : Initial Calibration

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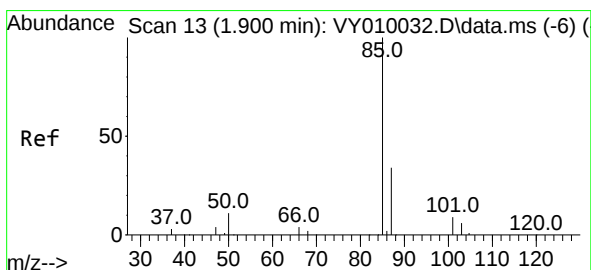
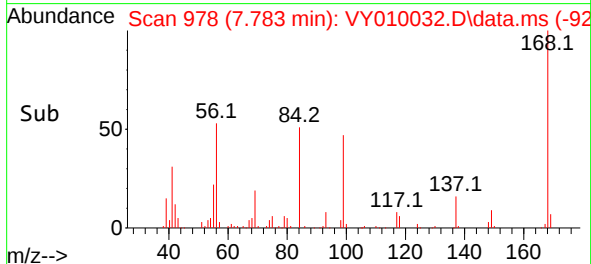
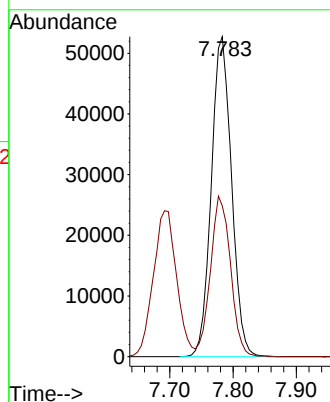
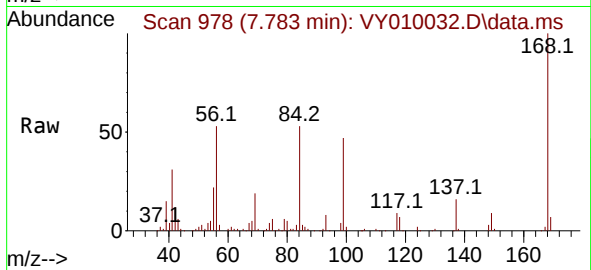
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

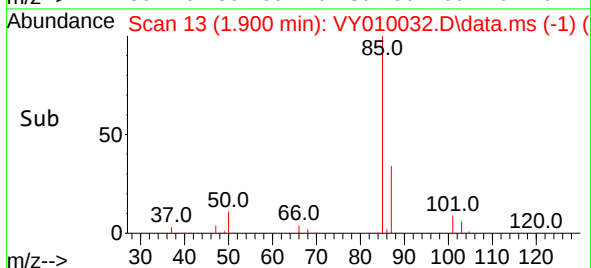
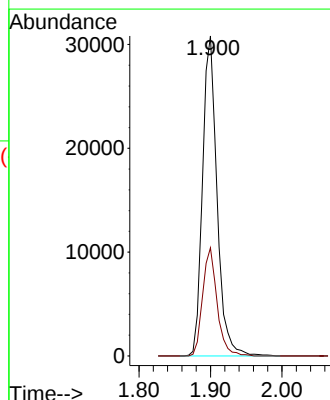
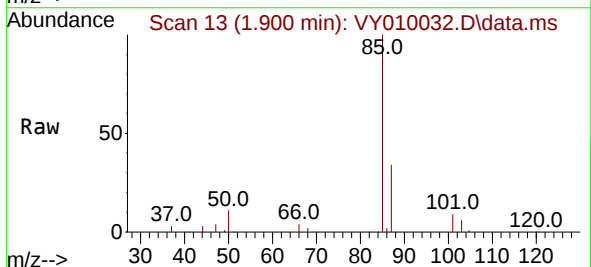
Instrument :
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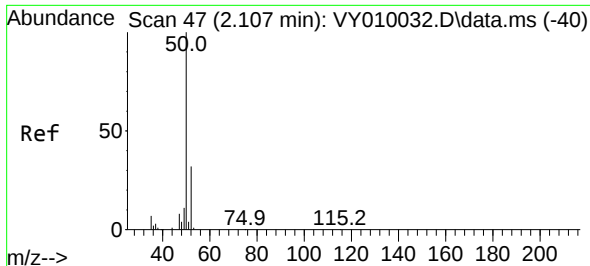
Tgt Ion:168 Resp: 117124
Ion Ratio Lower Upper
168 100
99 47.1 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 41.939 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 85 Resp: 43381
Ion Ratio Lower Upper
85 100
87 33.8 16.9 50.7

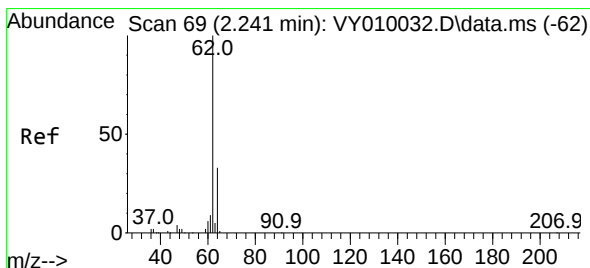
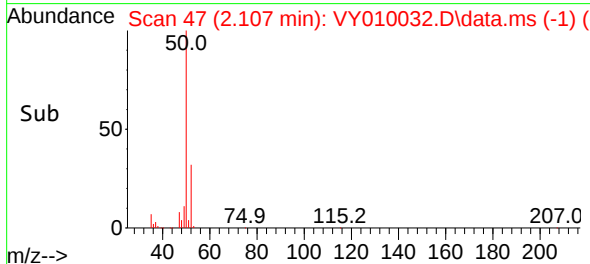
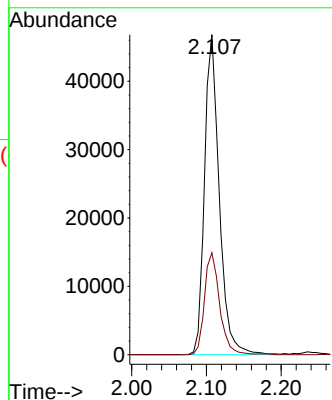
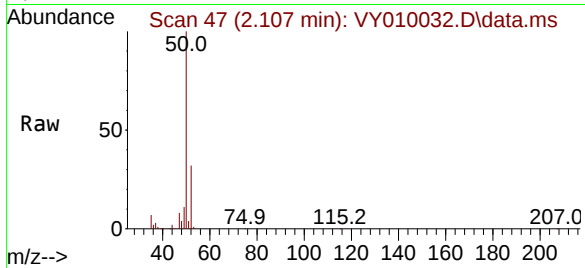




#3
Chloromethane
Concen: 74.742 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

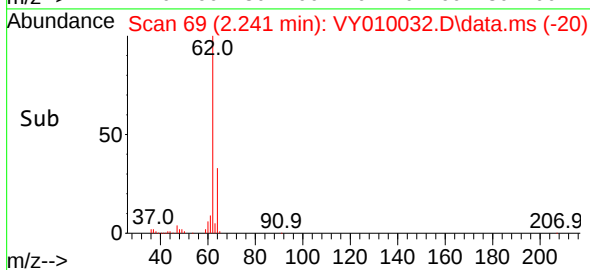
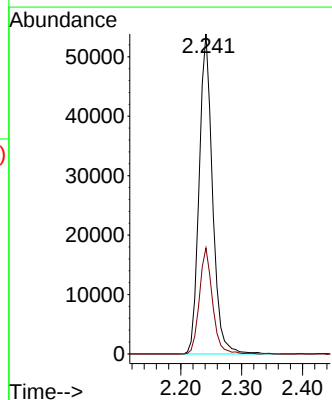
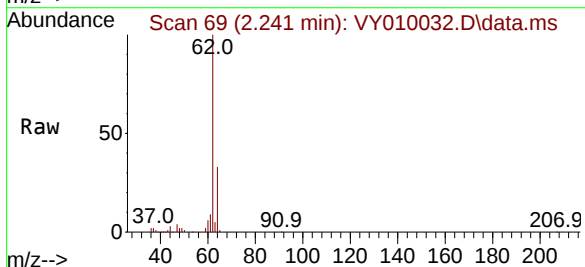
Instrument :
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ClientSampleId :
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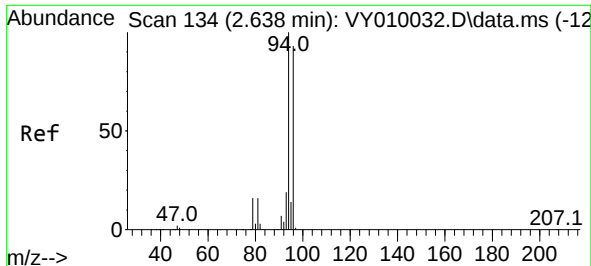
Tgt Ion: 50 Resp: 64195
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 86.008 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 62 Resp: 82031
Ion Ratio Lower Upper
62 100
64 33.2 26.6 39.8

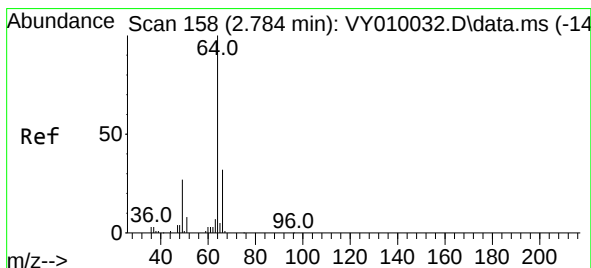
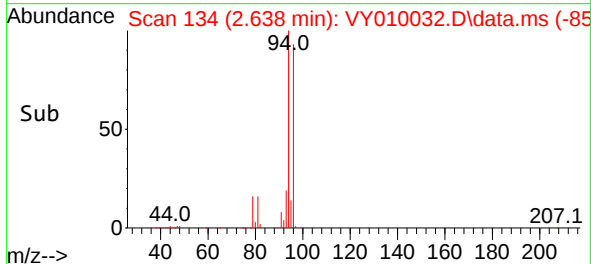
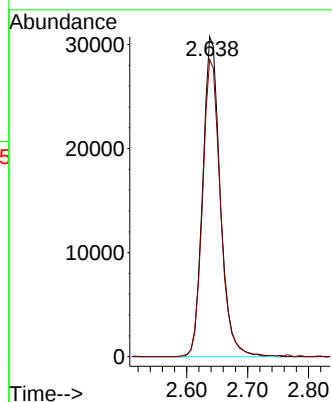
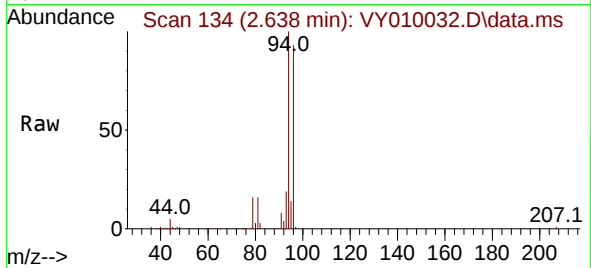




#5
Bromomethane
Concen: 97.977 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

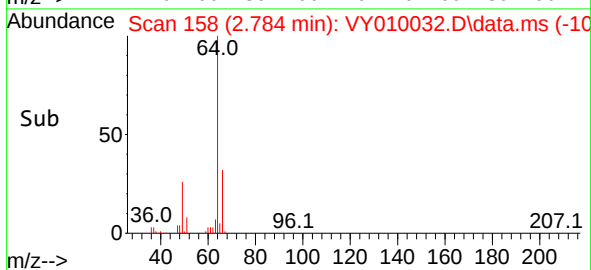
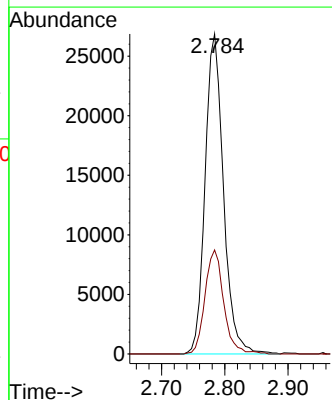
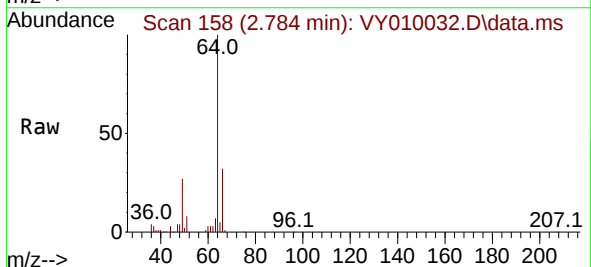
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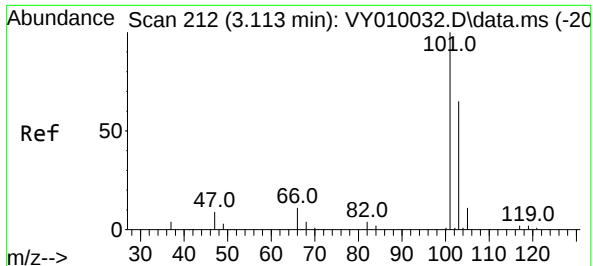
Tgt Ion: 94 Resp: 61349
Ion Ratio Lower Upper
94 100
96 92.7 74.2 111.2



#6
Chloroethane
Concen: 85.227 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 64 Resp: 54230
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0

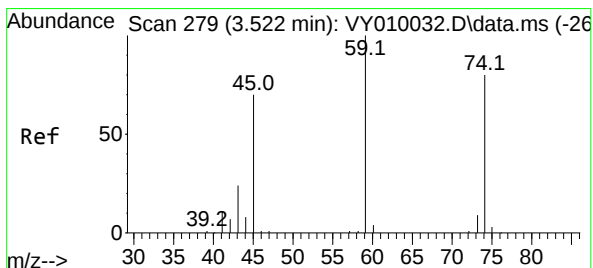
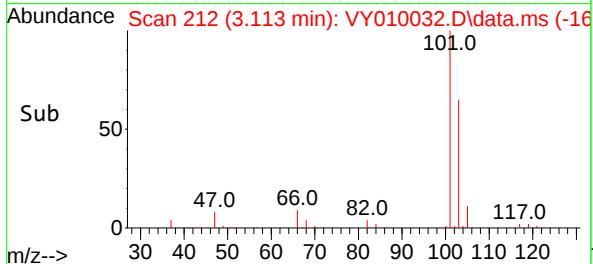
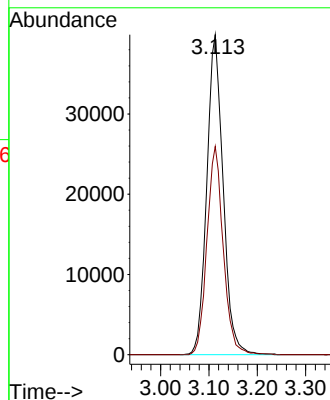
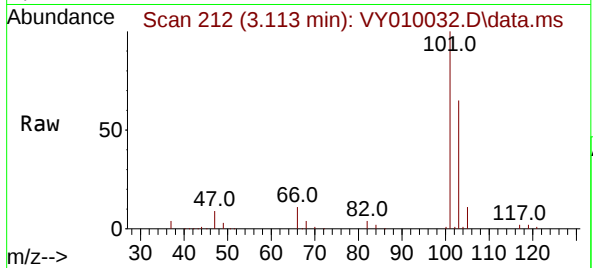




#7
 Trichlorofluoromethane
 Concen: 46.512 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

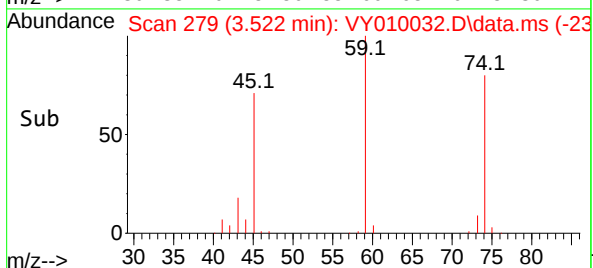
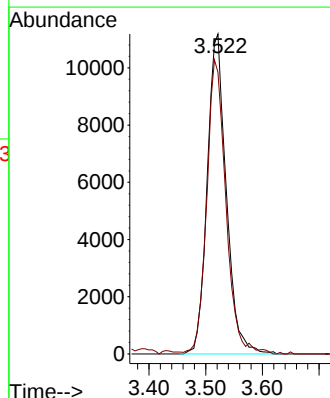
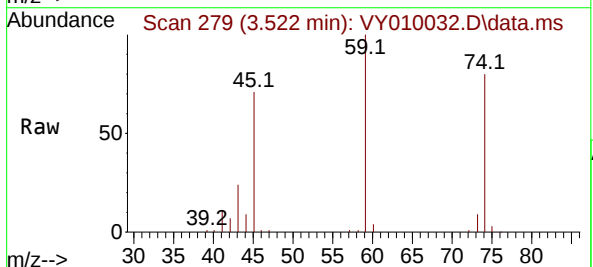
Instrument :
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 ClientSampleId :
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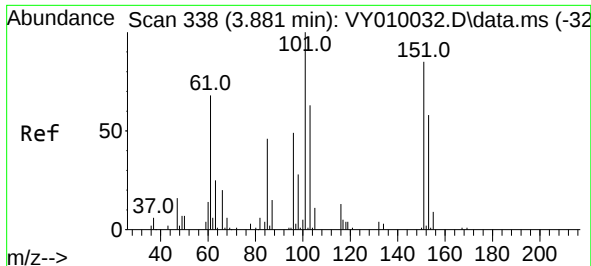
Tgt Ion:101 Resp: 93494
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.1 78.1



#8
 Diethyl Ether
 Concen: 36.128 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

Tgt Ion: 74 Resp: 26089
 Ion Ratio Lower Upper
 74 100
 45 92.7 46.4 139.1

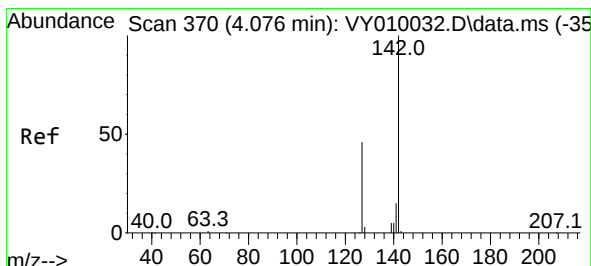
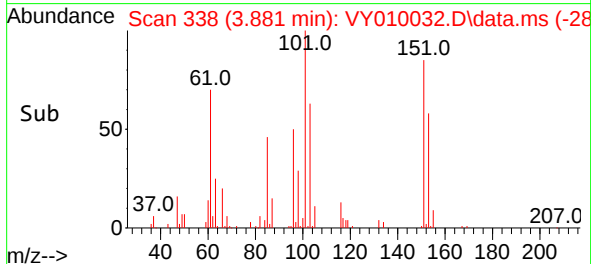
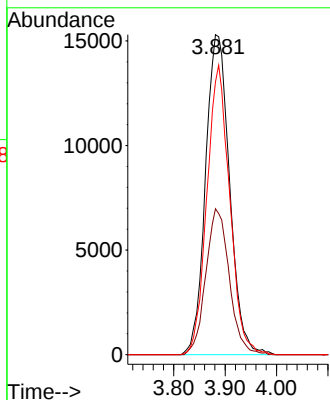
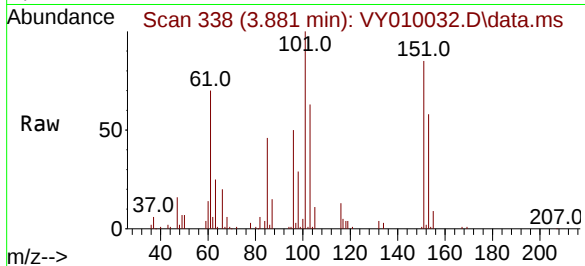




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.781 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY010032.D
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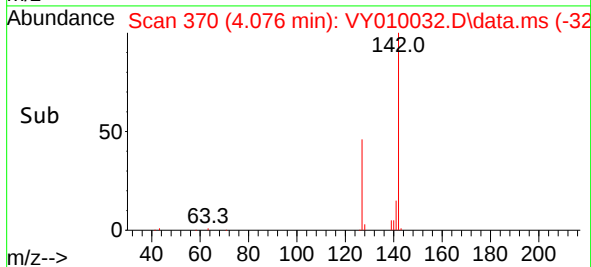
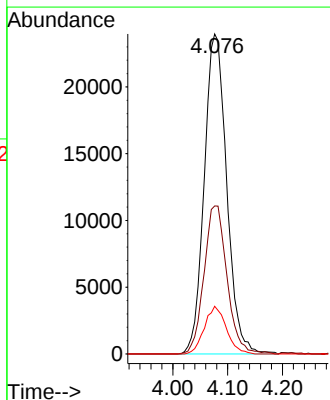
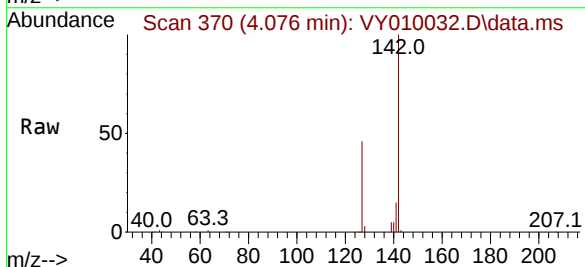
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

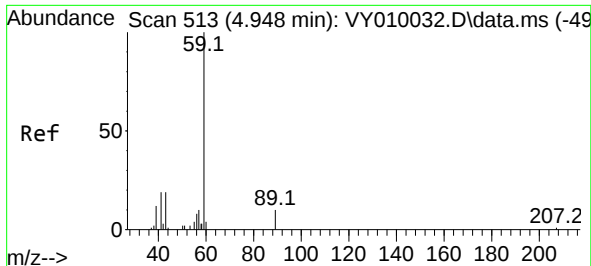
Tgt Ion:101 Resp: 49807
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 85.7 68.6 102.8



#10
Methyl Iodide
Concen: 45.316 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion:142 Resp: 68240
Ion Ratio Lower Upper
142 100
127 47.4 37.9 56.9
141 14.5 11.6 17.4

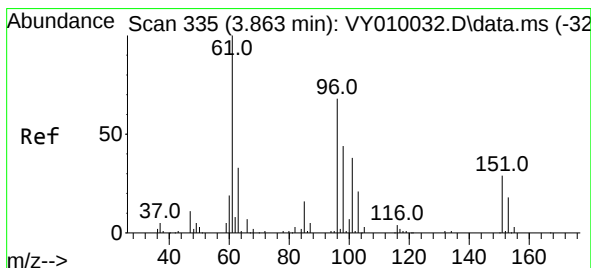
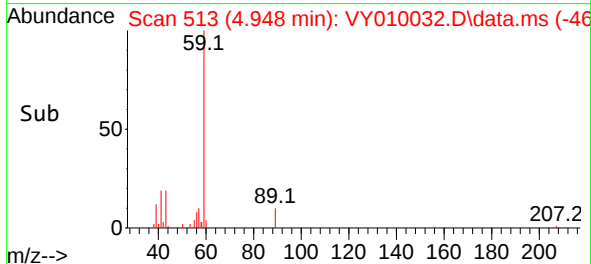
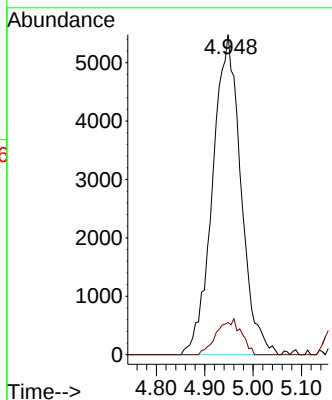
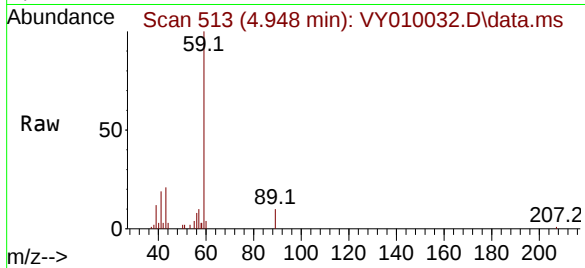




#11
Tert butyl alcohol
Concen: 199.762 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

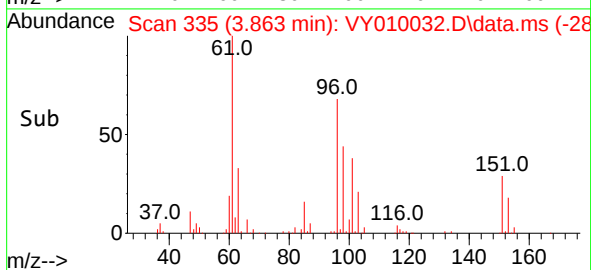
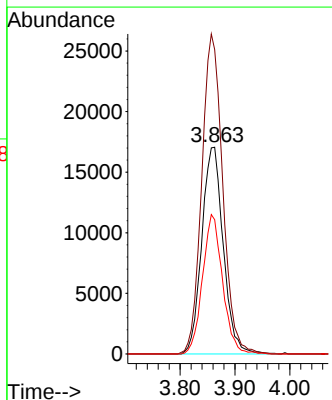
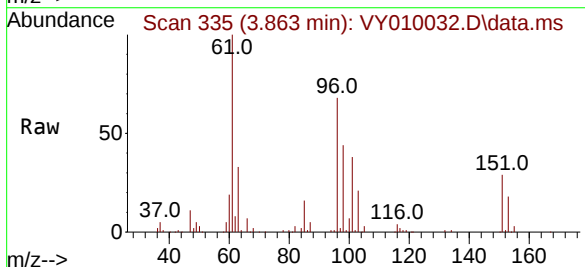
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

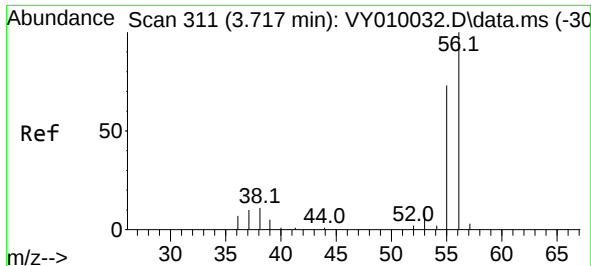
Tgt Ion: 59 Resp: 22252
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 38.397 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 96 Resp: 46410
Ion Ratio Lower Upper
96 100
61 147.3 117.8 176.8
98 64.9 51.9 77.9

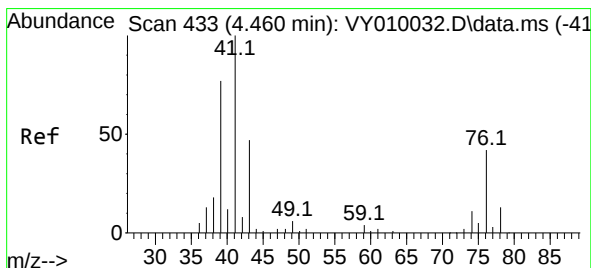
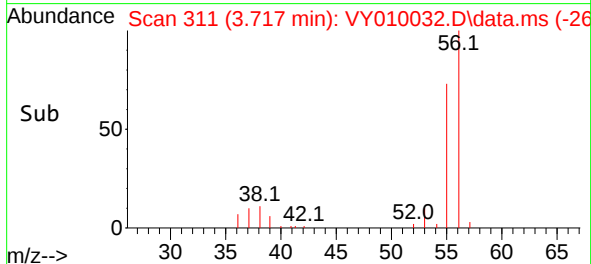
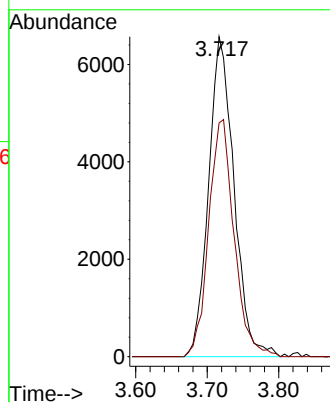
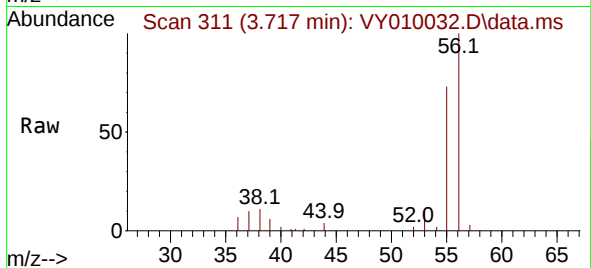




#13
Acrolein
Concen: 116.990 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

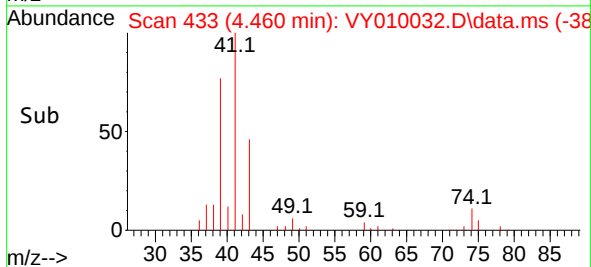
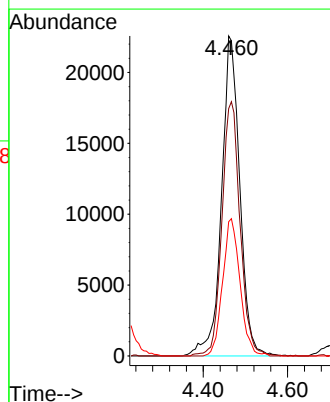
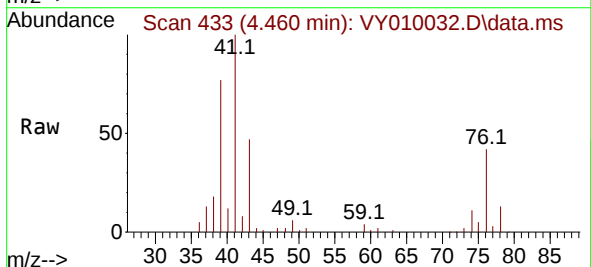
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

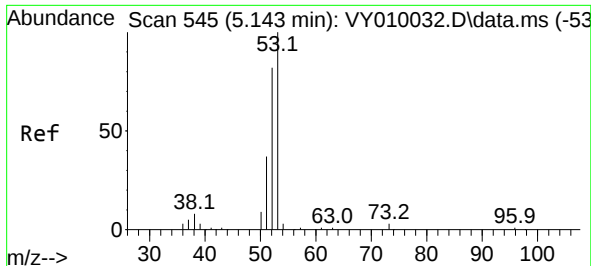
Tgt Ion: 56 Resp: 16211
Ion Ratio Lower Upper
56 100
55 74.2 59.4 89.0



#14
Allyl chloride
Concen: 39.844 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 41 Resp: 67649
Ion Ratio Lower Upper
41 100
39 79.0 63.2 94.8
76 40.9 32.7 49.1

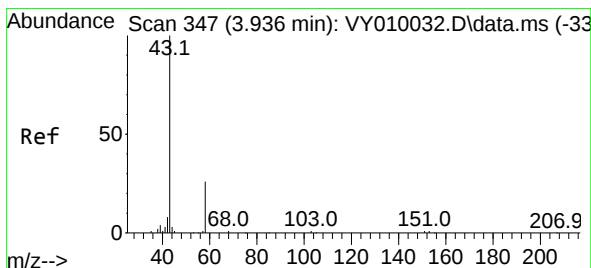
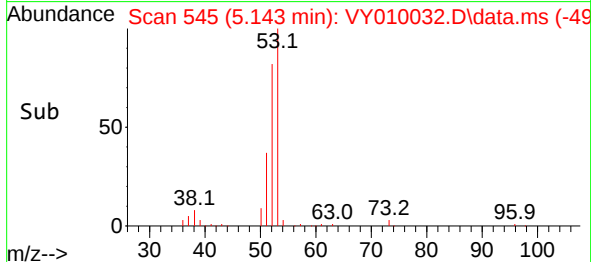
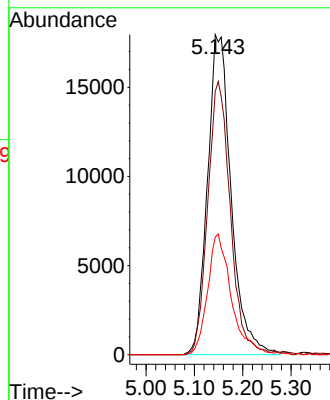
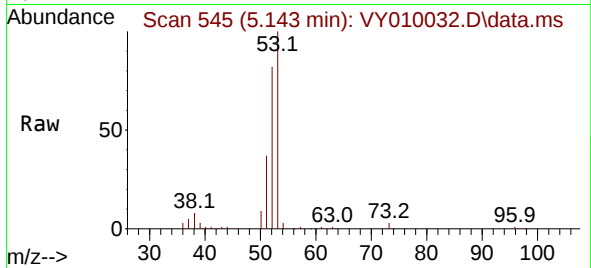




#15
Acrylonitrile
Concen: 177.899 ug/l
RT: 5.143 min Scan# 545
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

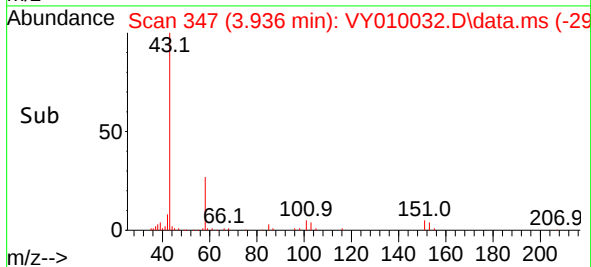
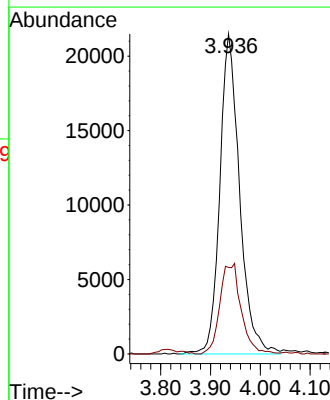
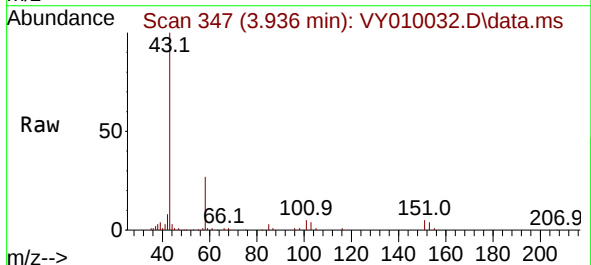
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

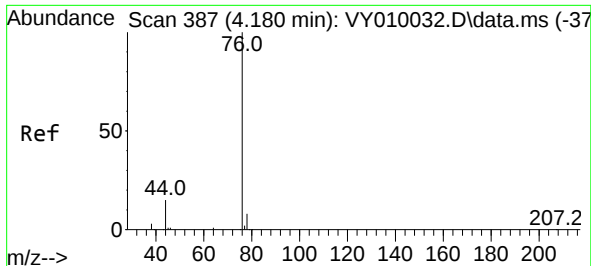
Tgt Ion:	53	Resp:	61120
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	37.8	30.2	45.4



#16
Acetone
Concen: 215.143 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion:	43	Resp:	59163
Ion	Ratio	Lower	Upper
43	100		
58	26.7	21.4	32.0

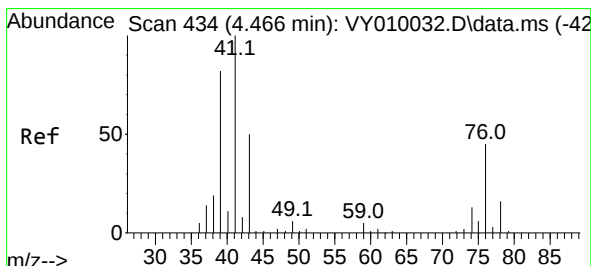
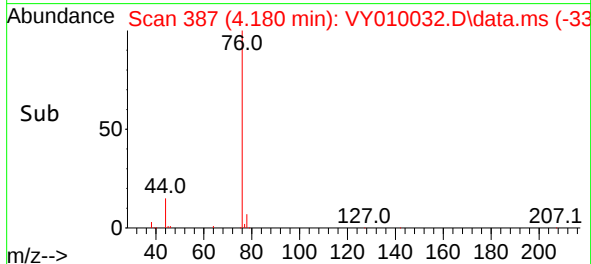
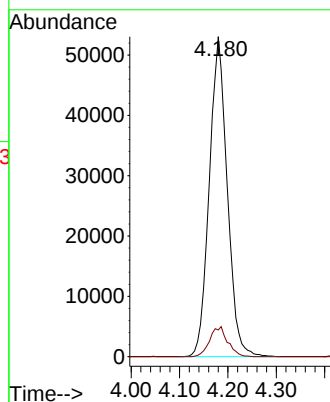
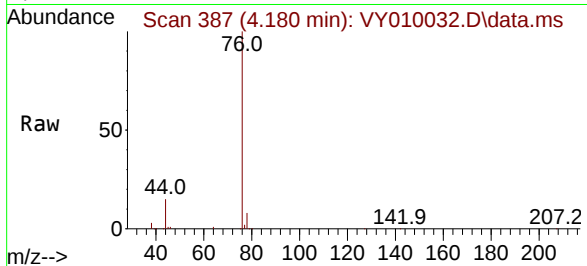




#17
Carbon Disulfide
Concen: 35.194 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

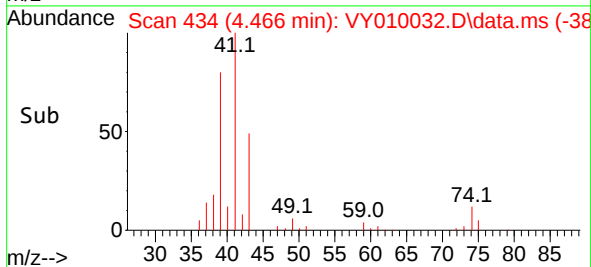
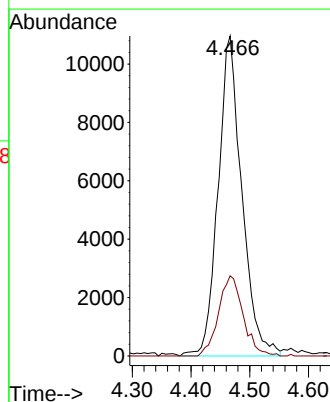
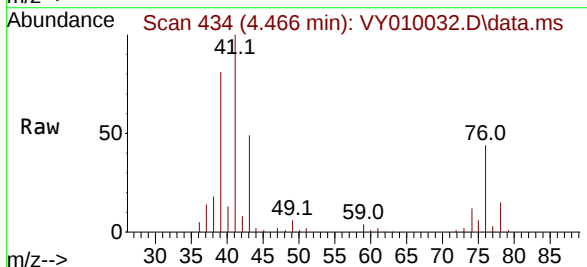
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 136748
Ion Ratio Lower Upper
76 100
78 8.4 6.7 10.1



#18
Methyl Acetate
Concen: 40.656 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 43 Resp: 30757
Ion Ratio Lower Upper
43 100
74 25.9 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 42.885 ug/l

RT: 5.210 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

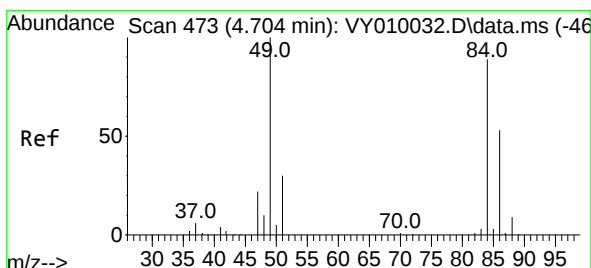
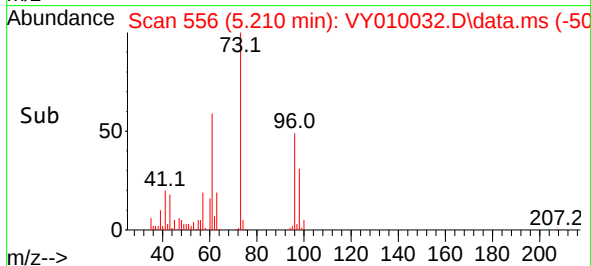
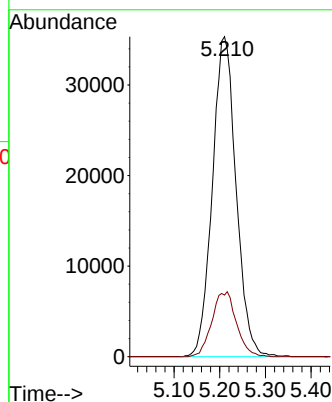
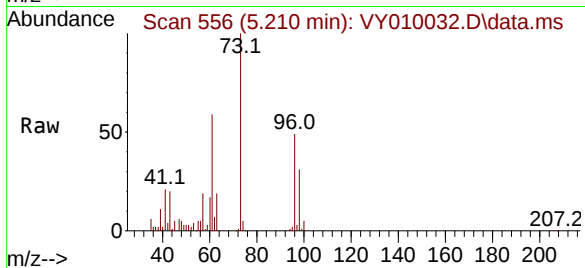
VSTDICCC050

Tgt Ion: 73 Resp: 127294

Ion Ratio Lower Upper

73 100

57 19.2 15.4 23.0



#20

Methylene Chloride

Concen: 38.294 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Tgt Ion: 84 Resp: 55762

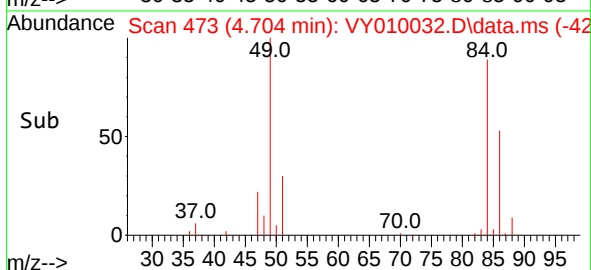
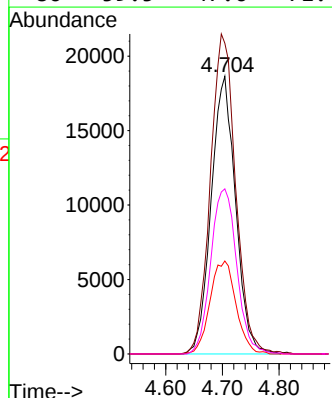
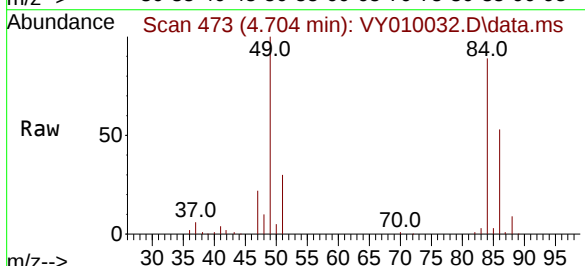
Ion Ratio Lower Upper

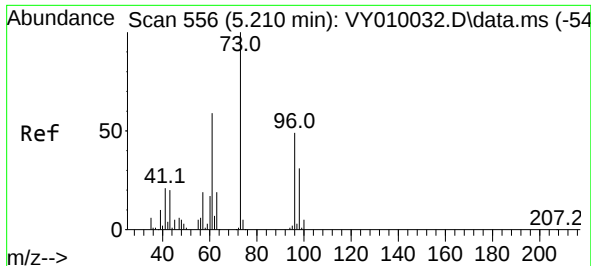
84 100

49 111.9 89.5 134.3

51 33.5 26.8 40.2

86 59.5 47.6 71.4

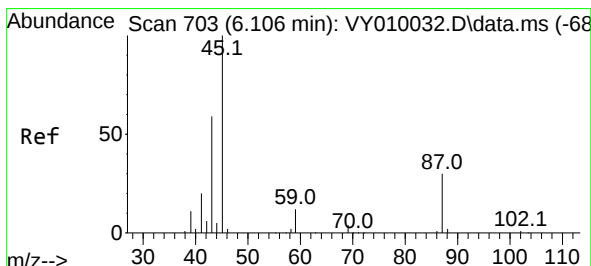
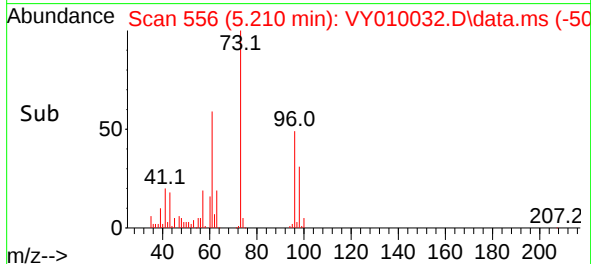
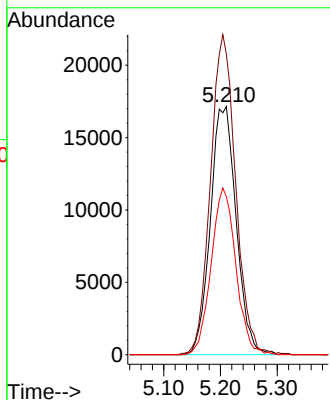
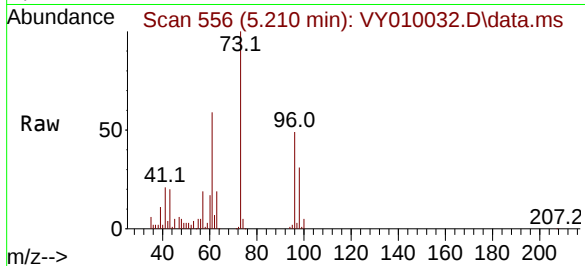




#21
trans-1,2-Dichloroethene
Concen: 40.217 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

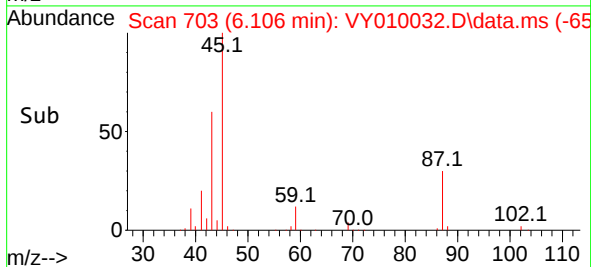
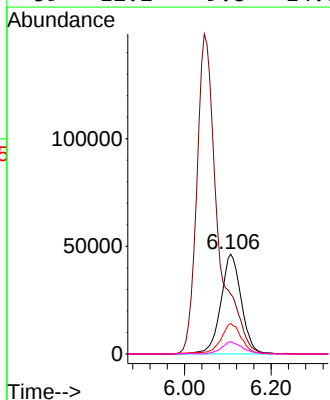
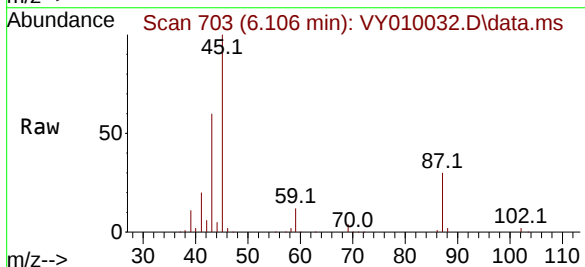
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

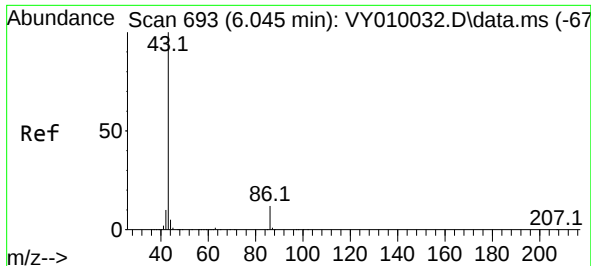
Tgt Ion: 96 Resp: 54256
Ion Ratio Lower Upper
96 100
61 121.0 96.8 145.2
98 63.7 51.0 76.4



#22
Diisopropyl ether
Concen: 43.872 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 45 Resp: 152380
Ion Ratio Lower Upper
45 100
43 59.4 47.5 71.3
87 30.5 24.4 36.6
59 12.2 9.8 14.6

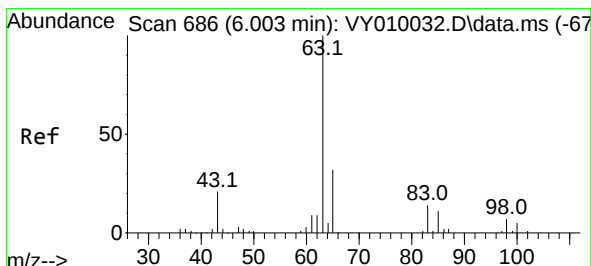
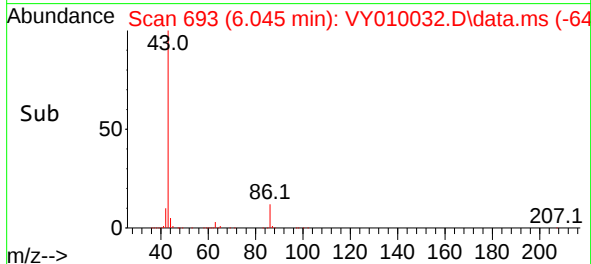
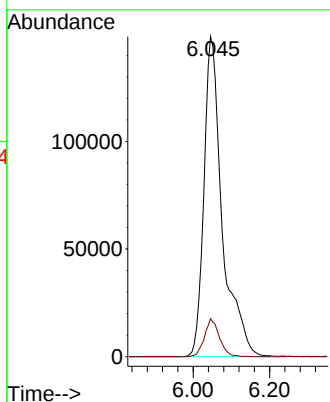
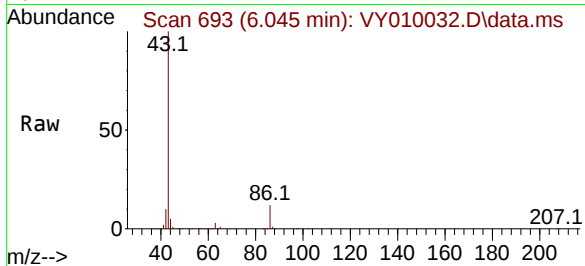




#23
 Vinyl Acetate
 Concen: 231.215 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

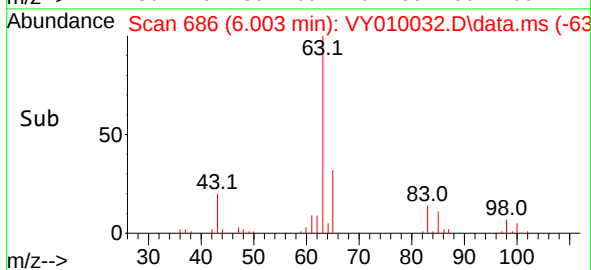
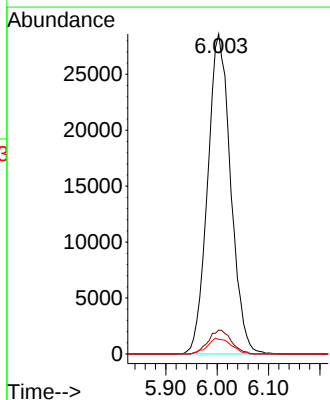
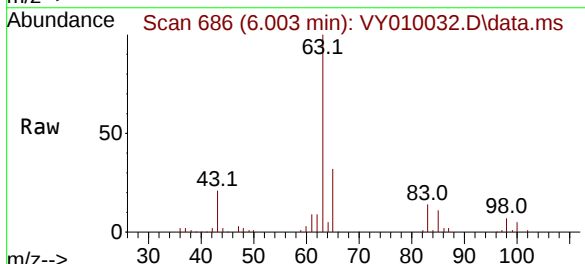
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

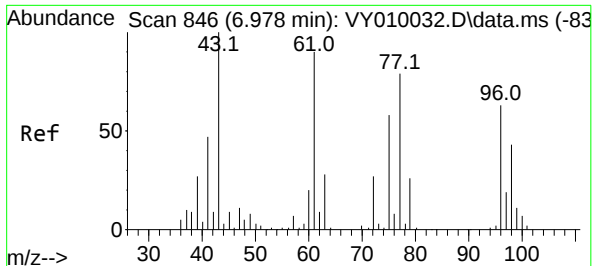
Tgt Ion: 43 Resp: 495393
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 40.684 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

Tgt Ion: 63 Resp: 89194
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 207.777 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

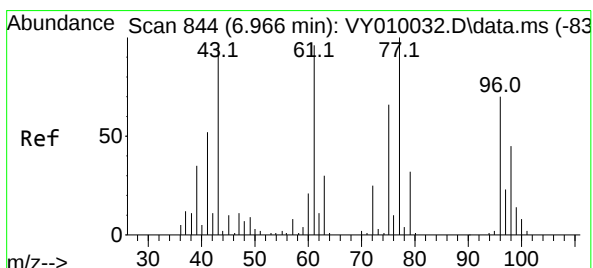
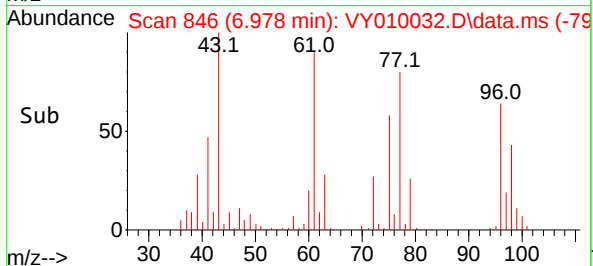
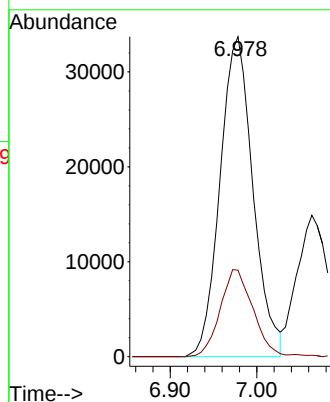
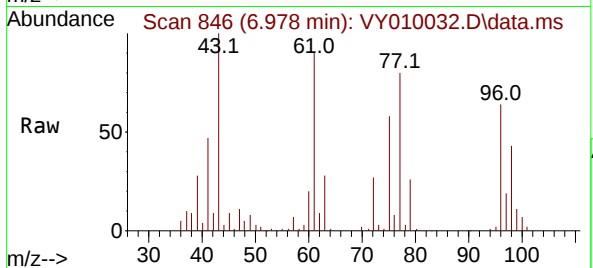
VSTDICCC050

Tgt Ion: 43 Resp: 89238

Ion Ratio Lower Upper

43 100

72 27.1 21.7 32.5



#26

2,2-Dichloropropane

Concen: 45.325 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY010032.D

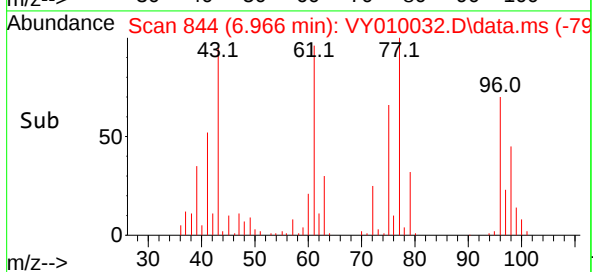
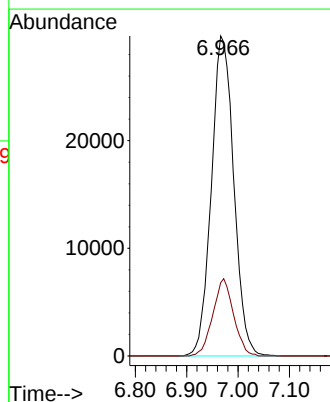
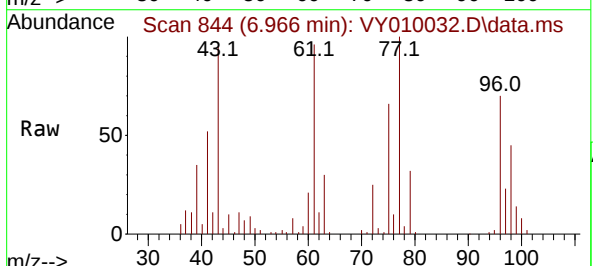
Acq: 15 Aug 2022 17:17

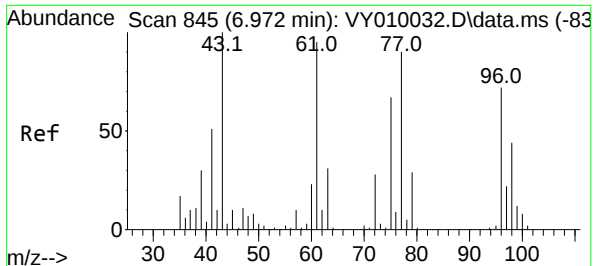
Tgt Ion: 77 Resp: 89859

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 41.766 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

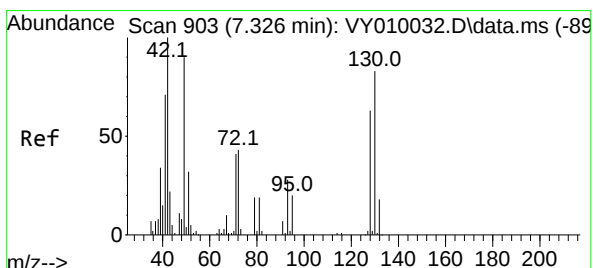
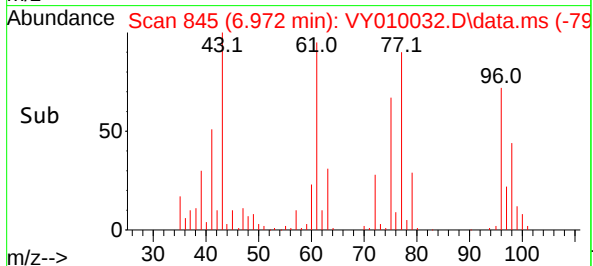
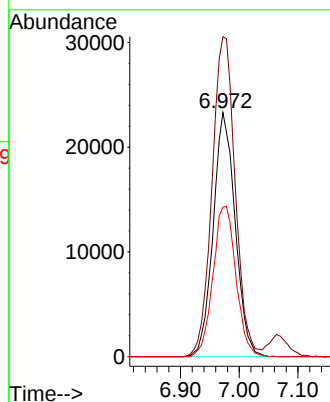
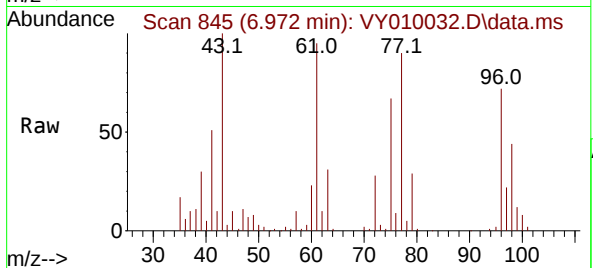
Tgt Ion: 96 Resp: 60658

Ion Ratio Lower Upper

96 100

61 138.0 0.0 276.0

98 64.2 0.0 128.4



#28

Bromochloromethane

Concen: 42.093 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

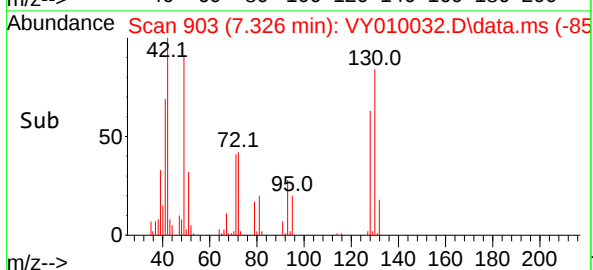
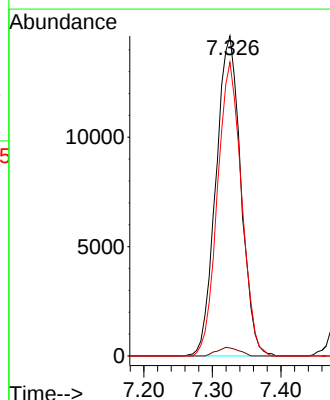
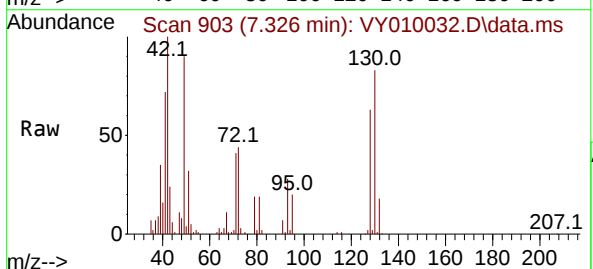
Tgt Ion: 49 Resp: 36868

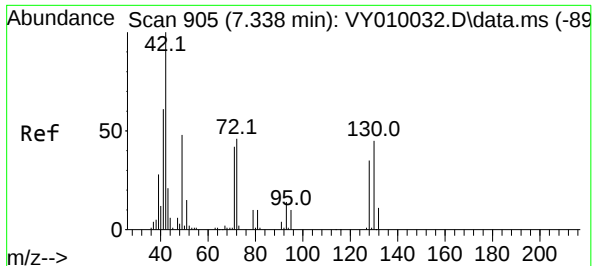
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

130 88.7 71.0 106.4





#29

Tetrahydrofuran

Concen: 203.433 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

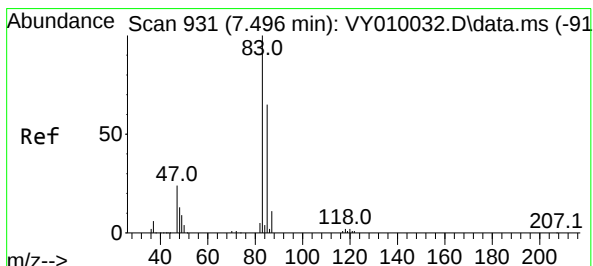
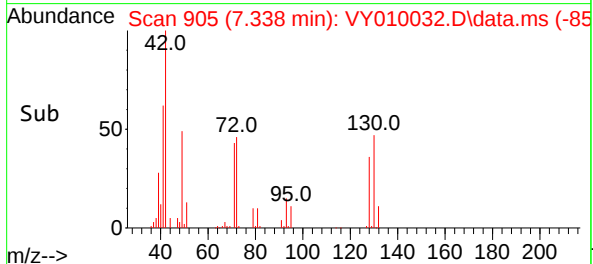
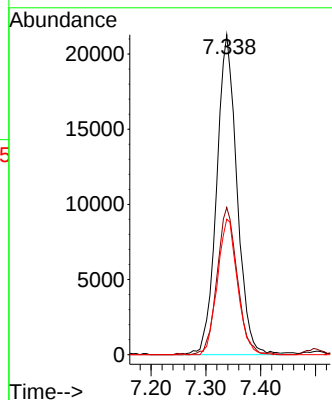
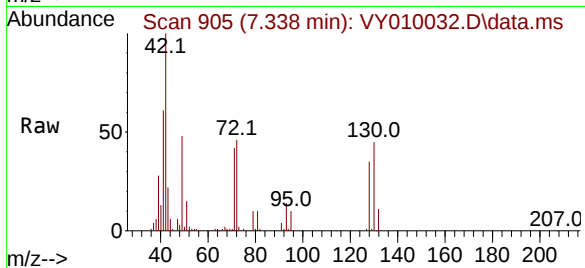
Tgt Ion: 42 Resp: 54919

Ion Ratio Lower Upper

42 100

72 45.6 36.5 54.7

71 41.8 33.4 50.2



#30

Chloroform

Concen: 43.759 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010032.D

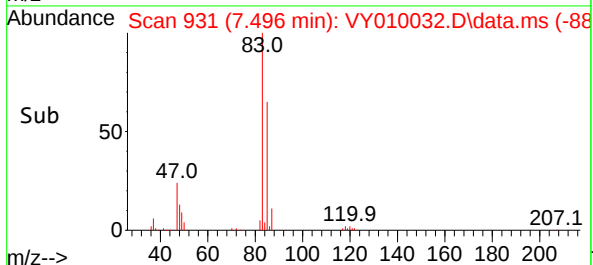
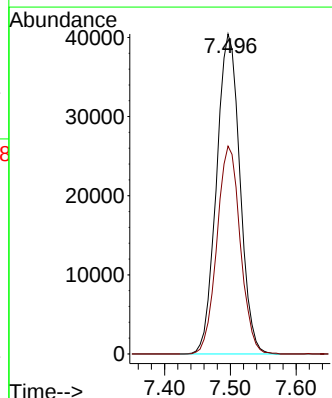
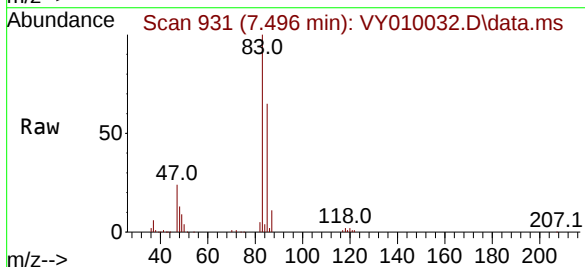
Acq: 15 Aug 2022 17:17

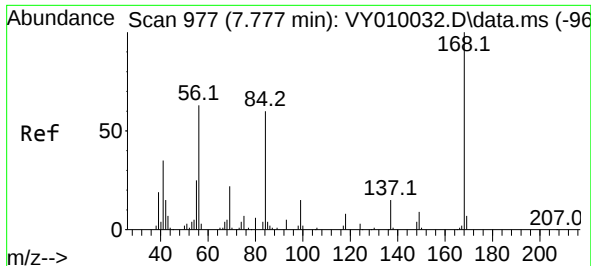
Tgt Ion: 83 Resp: 100040

Ion Ratio Lower Upper

83 100

85 64.9 51.9 77.9

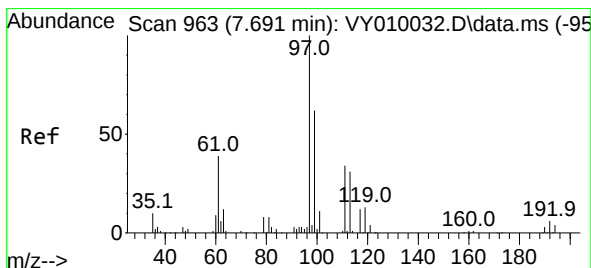
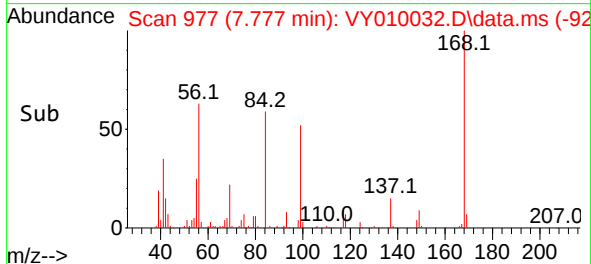
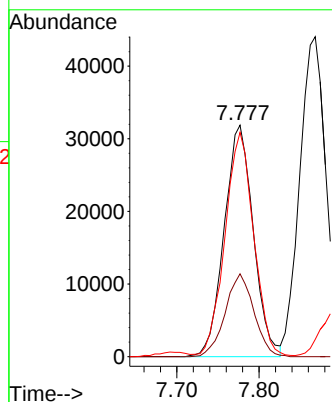
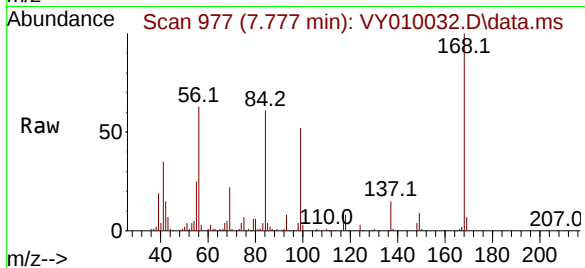




#31
Cyclohexane
Concen: 38.268 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

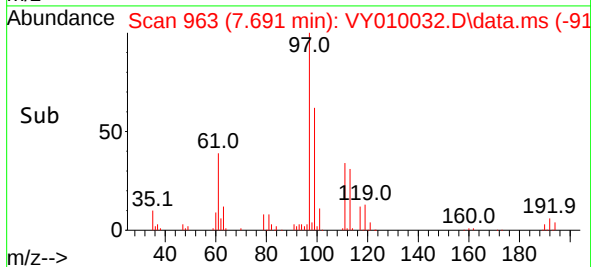
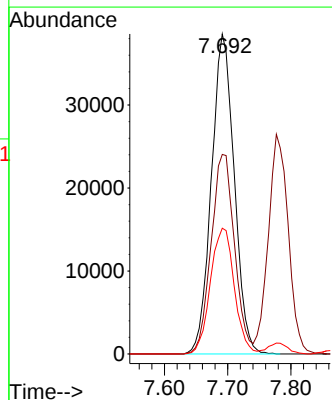
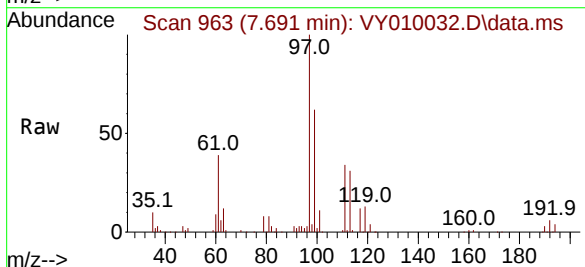
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

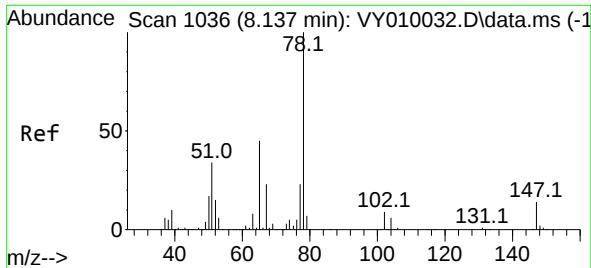
Tgt Ion: 56 Resp: 78617
Ion Ratio Lower Upper
56 100
69 35.8 28.6 43.0
84 95.0 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 48.792 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 97 Resp: 96457
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 41.1 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 47.145 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

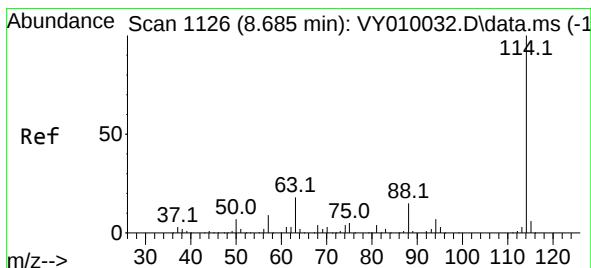
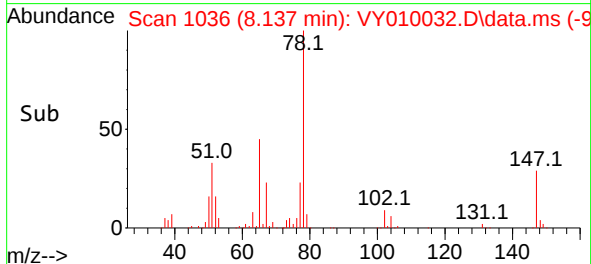
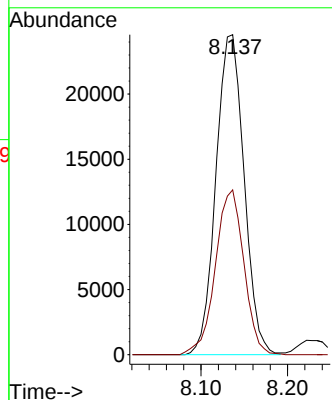
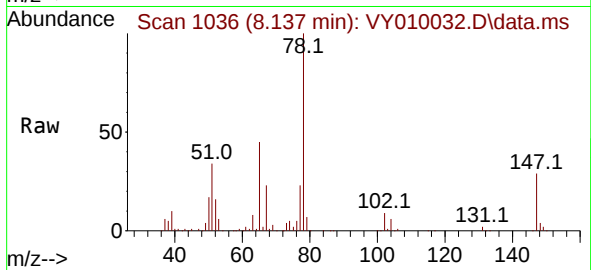
VSTDICCC050

Tgt Ion: 65 Resp: 55445

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

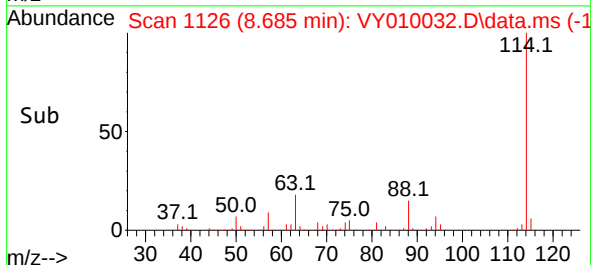
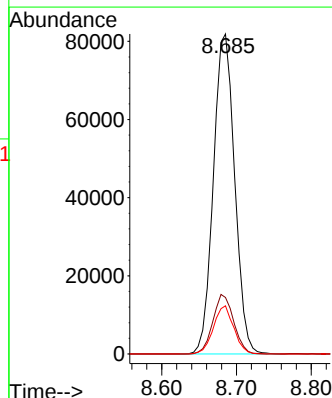
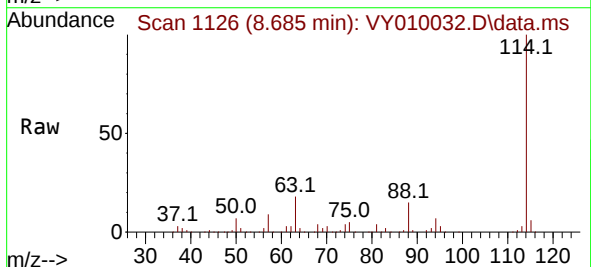
Tgt Ion: 114 Resp: 162262

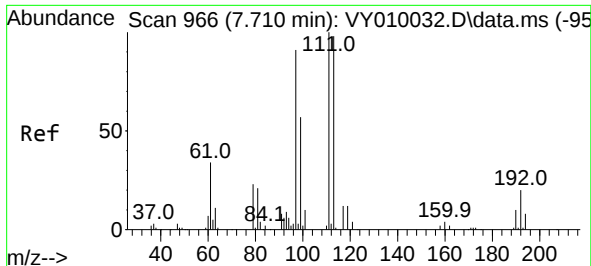
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

88 15.1 0.0 30.2

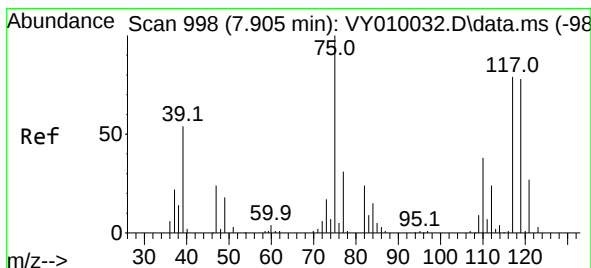
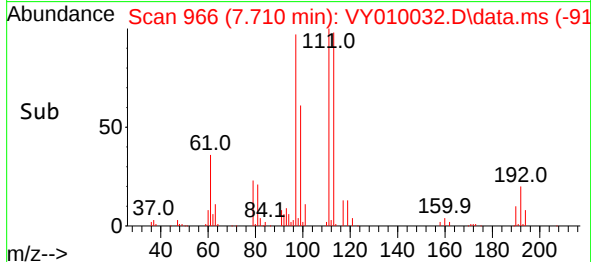
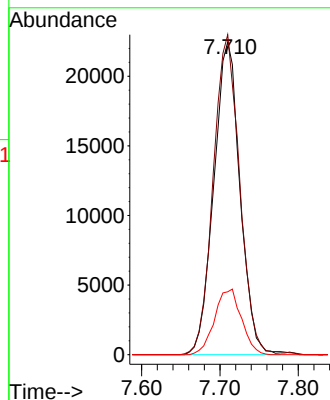
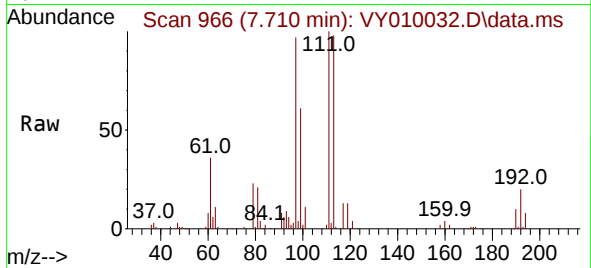




#35
Dibromofluoromethane
Concen: 52.477 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

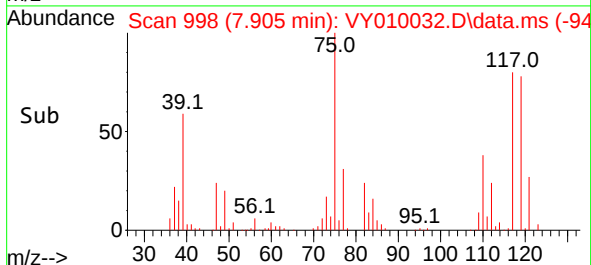
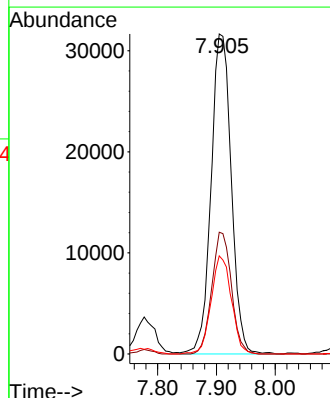
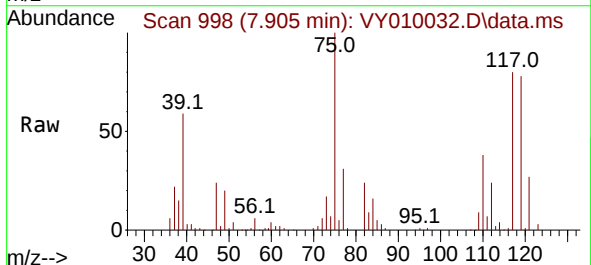
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

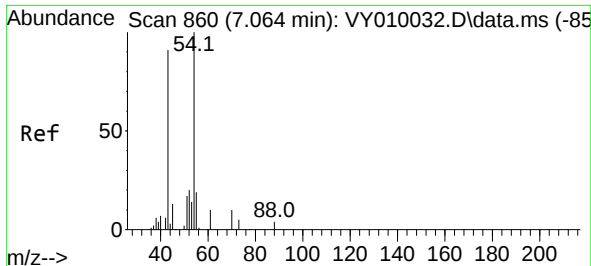
Tgt Ion:113 Resp: 52112
Ion Ratio Lower Upper
113 100
111 103.4 82.7 124.1
192 21.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 50.951 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 75 Resp: 75540
Ion Ratio Lower Upper
75 100
110 36.9 18.4 55.4
77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 49.595 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

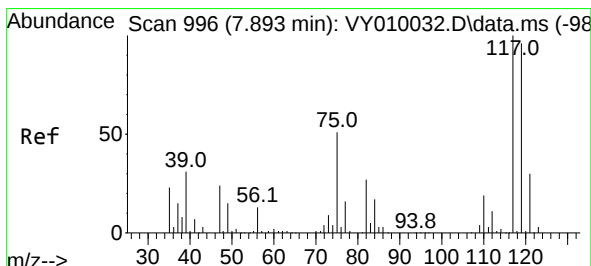
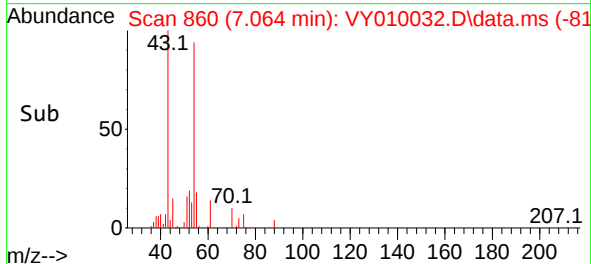
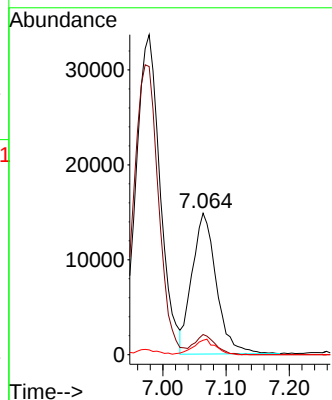
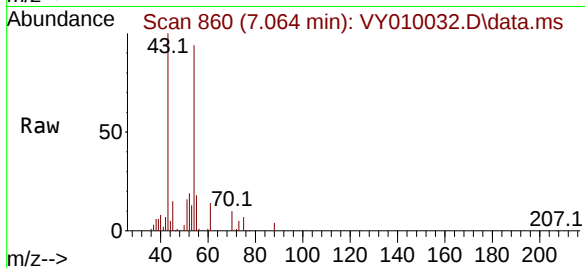
Tgt Ion: 43 Resp: 39557

Ion Ratio Lower Upper

43 100

61 12.0 9.6 14.4

70 9.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 59.729 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

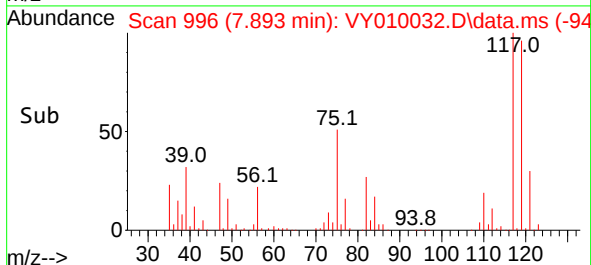
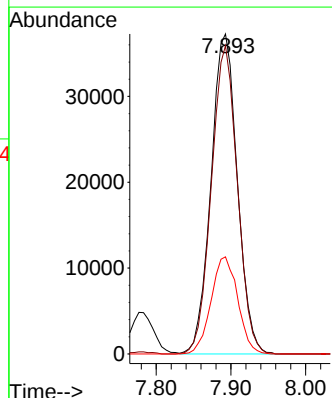
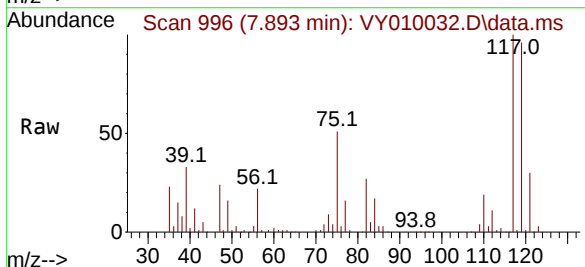
Tgt Ion: 117 Resp: 91243

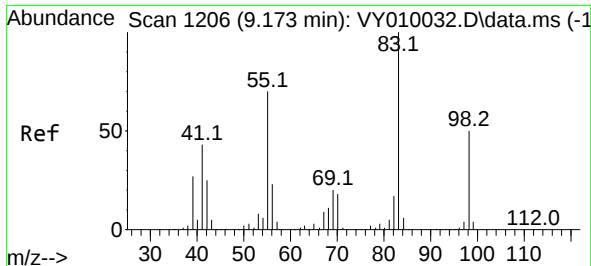
Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

121 30.3 24.2 36.4





#39

Methylcyclohexane

Concen: 50.091 ug/l

RT: 9.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

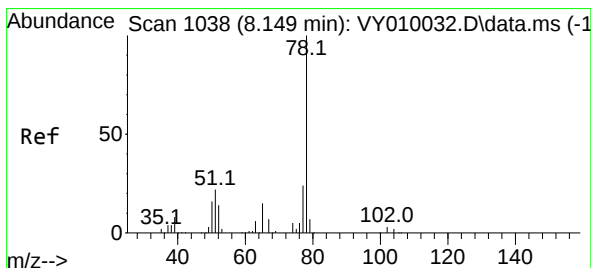
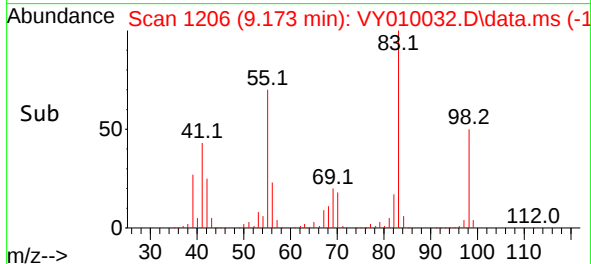
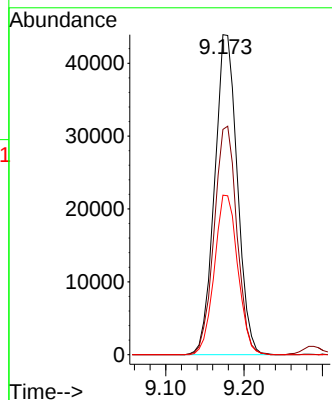
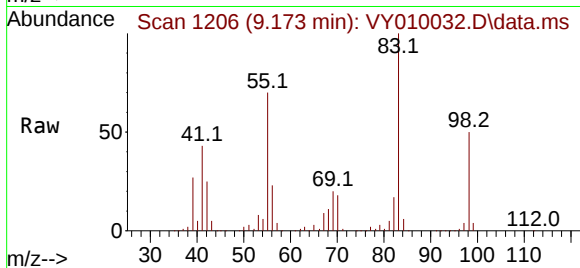
Tgt Ion: 83 Resp: 88423

Ion Ratio Lower Upper

83 100

55 70.4 56.3 84.5

98 49.8 39.8 59.8



#40

Benzene

Concen: 48.376 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY010032.D

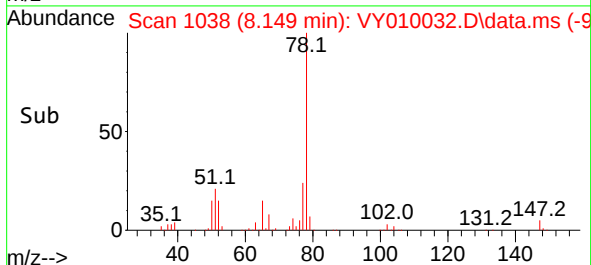
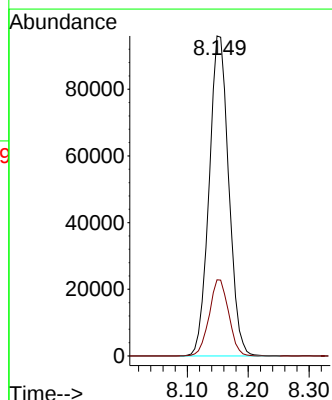
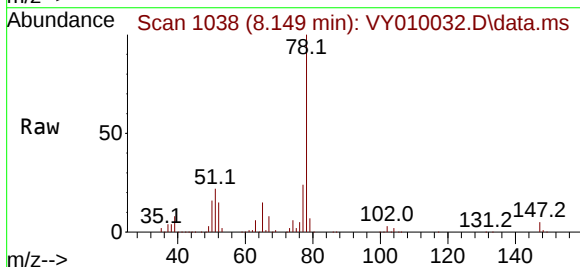
Acq: 15 Aug 2022 17:17

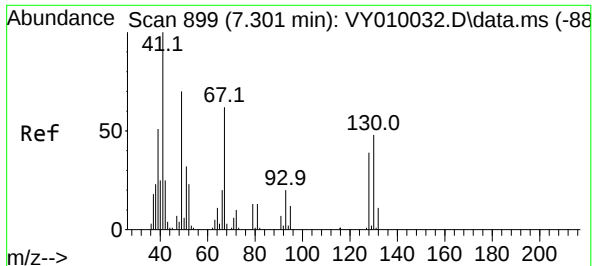
Tgt Ion: 78 Resp: 214578

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

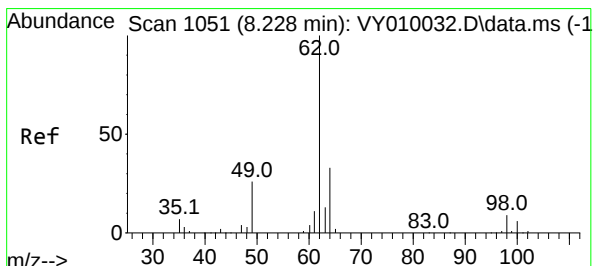
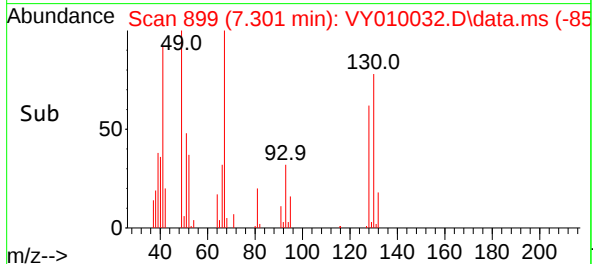
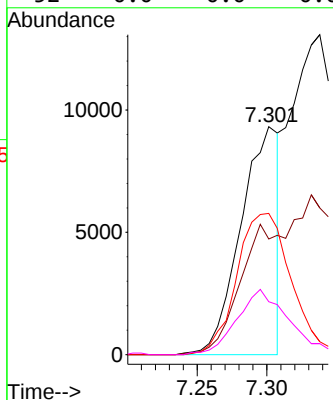
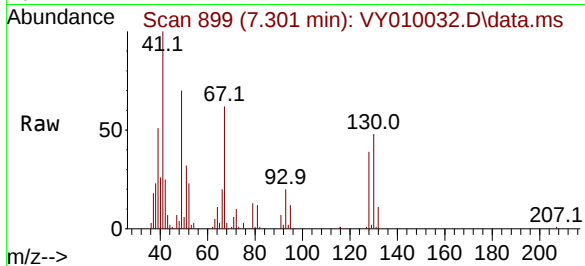




#41
Methacrylonitrile
Concen: 42.134 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

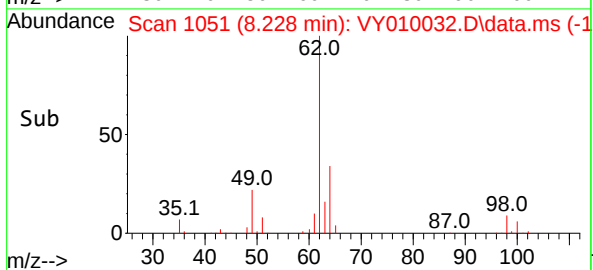
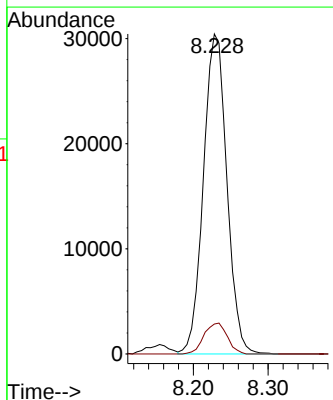
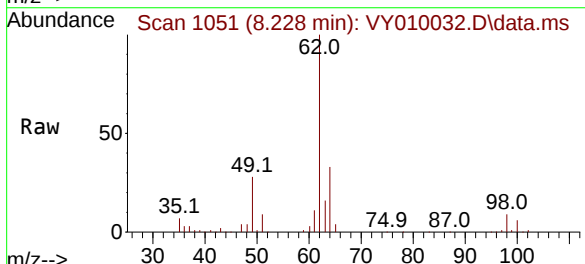
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

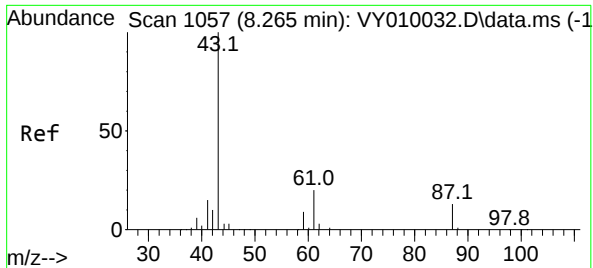
Tgt Ion:	41	Resp:	17846
Ion	Ratio	Lower	Upper
41	100		
39	88.4	59.4	89.2
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 56.169 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion:	62	Resp:	66396
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

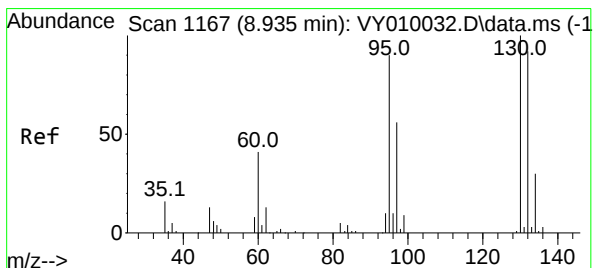
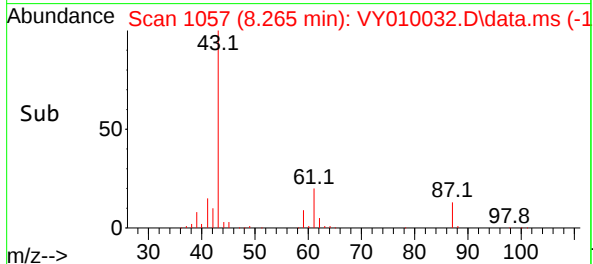
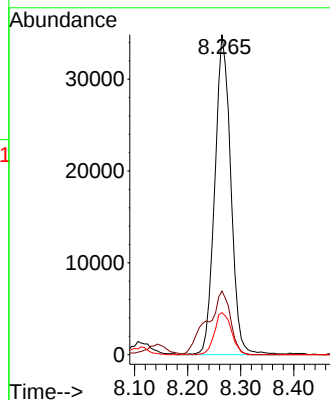
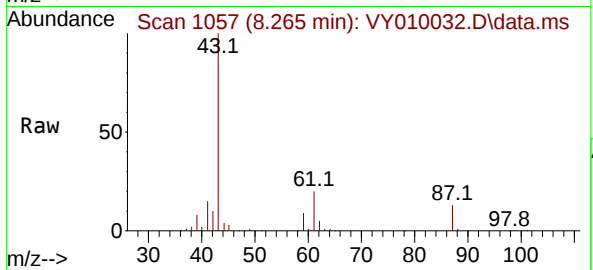




#43
Isopropyl Acetate
Concen: 52.344 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

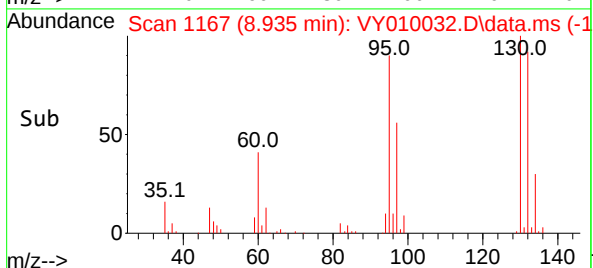
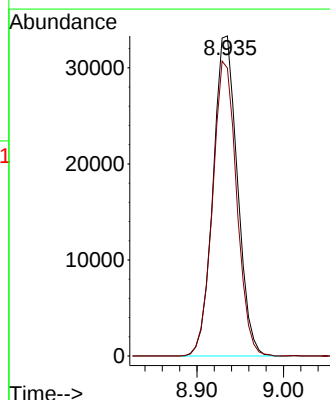
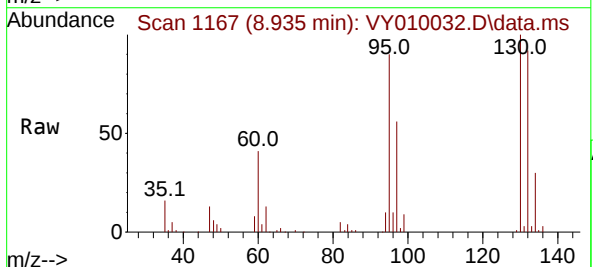
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

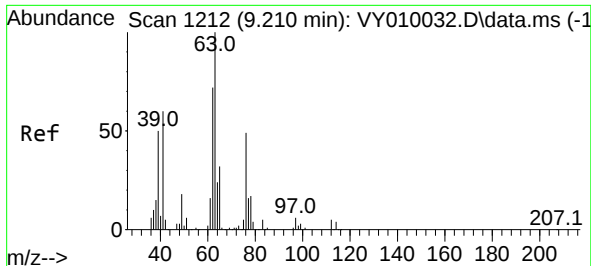
Tgt Ion: 43 Resp: 72974
Ion Ratio Lower Upper
43 100
61 28.8 23.0 34.6
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 53.321 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 130 Resp: 65092
Ion Ratio Lower Upper
130 100
95 90.0 0.0 180.0





#45

1,2-Dichloropropane

Concen: 47.234 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

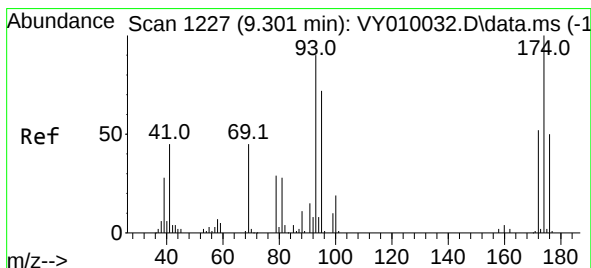
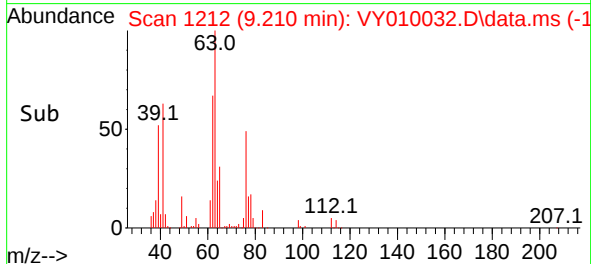
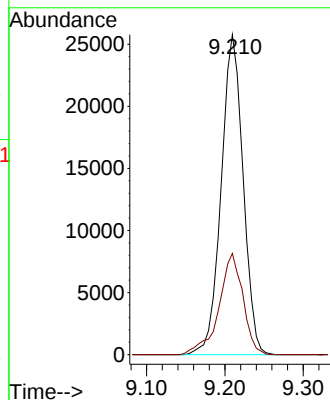
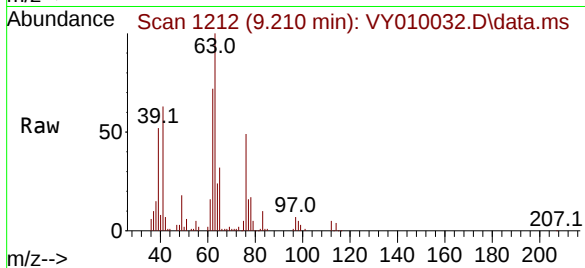
VSTDICCC050

Tgt Ion: 63 Resp: 50159

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



#46

Dibromomethane

Concen: 50.123 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

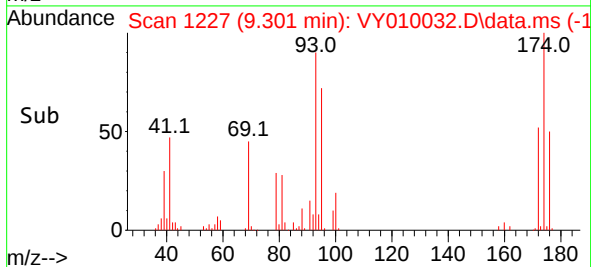
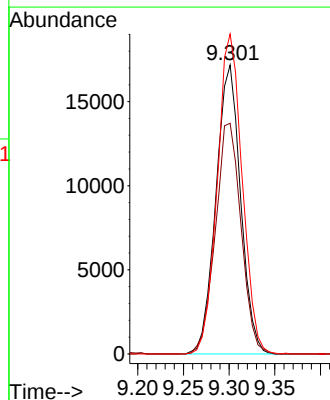
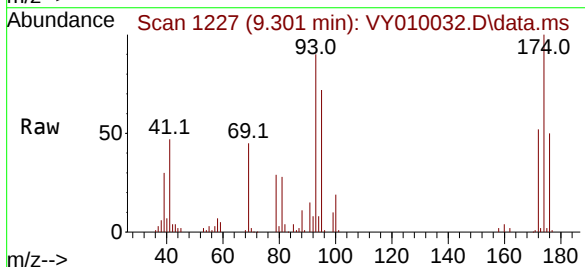
Tgt Ion: 93 Resp: 32214

Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 111.9 89.5 134.3

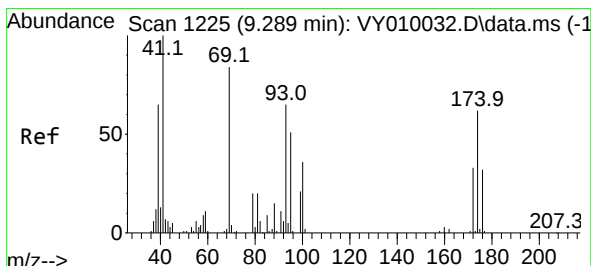
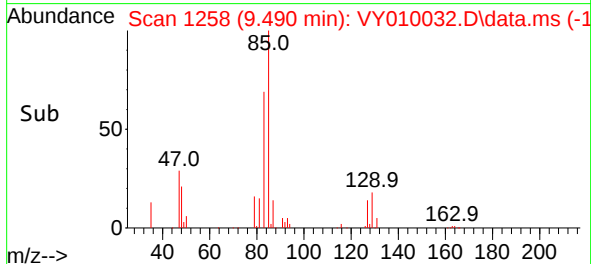
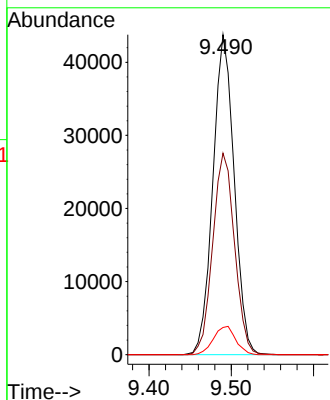
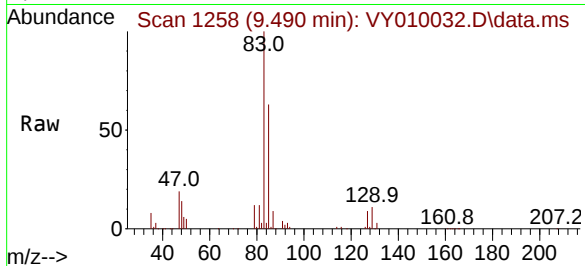




#47
Bromodichloromethane
Concen: 54.155 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

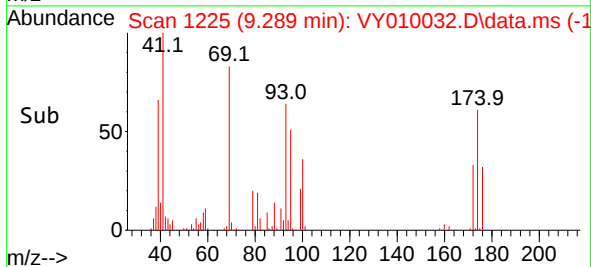
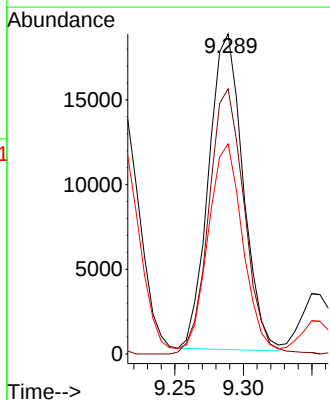
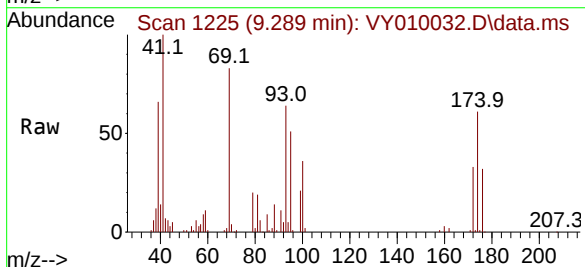
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

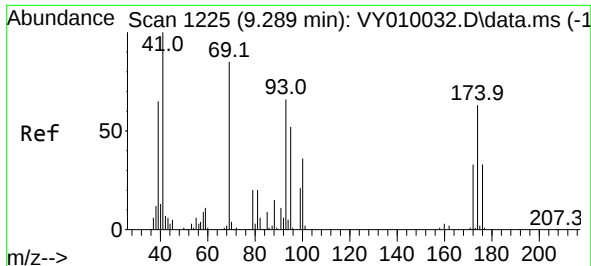
Tgt Ion: 83 Resp: 78581
Ion Ratio Lower Upper
83 100
85 63.0 50.4 75.6
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 53.195 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 41 Resp: 32546
Ion Ratio Lower Upper
41 100
69 86.4 69.1 103.7
39 64.4 51.5 77.3





#49

1,4-Dioxane

Concen: 854.175 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

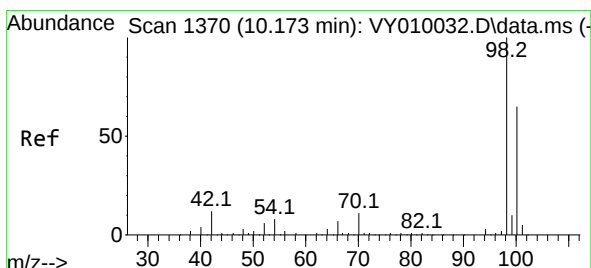
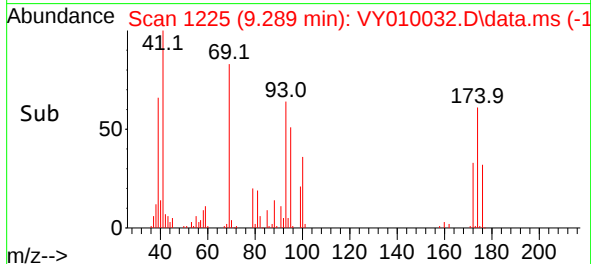
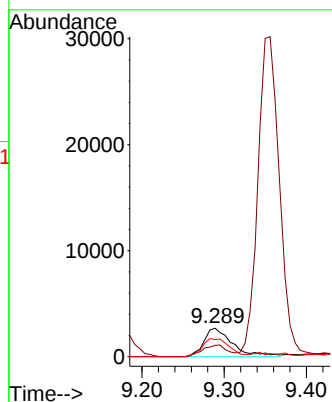
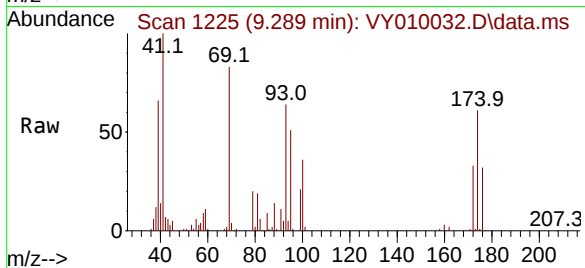
Tgt Ion: 88 Resp: 6531

Ion Ratio Lower Upper

88 100

43 35.3 28.2 42.4

58 59.0 47.2 70.8



#50

Toluene-d8

Concen: 52.928 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY010032.D

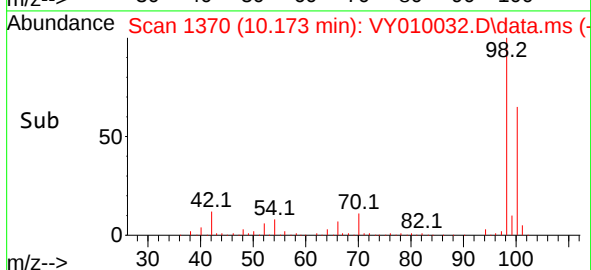
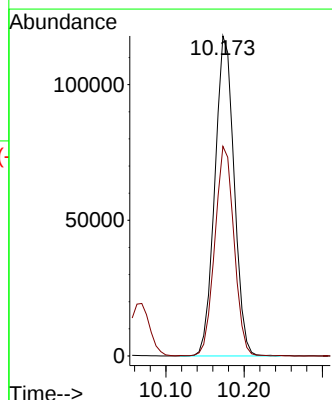
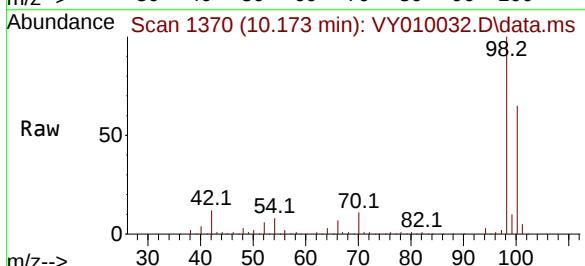
Acq: 15 Aug 2022 17:17

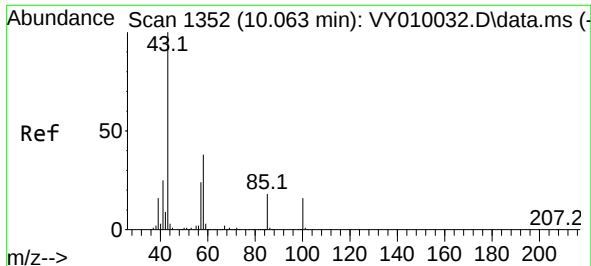
Tgt Ion: 98 Resp: 201694

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

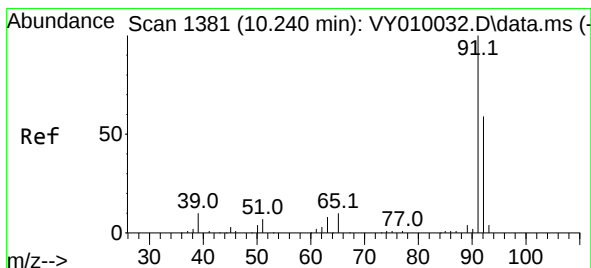
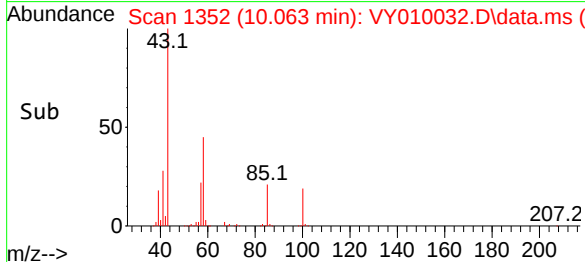
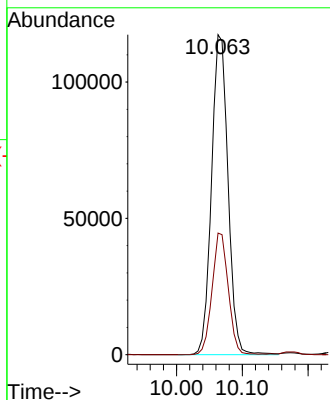
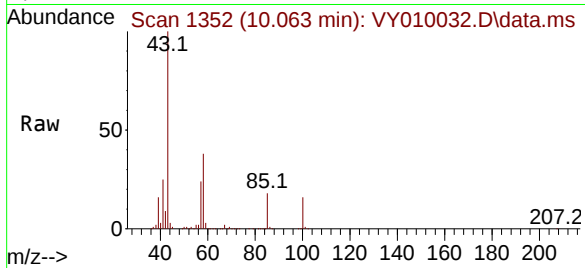




#51
4-Methyl-2-Pentanone
Concen: 270.606 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

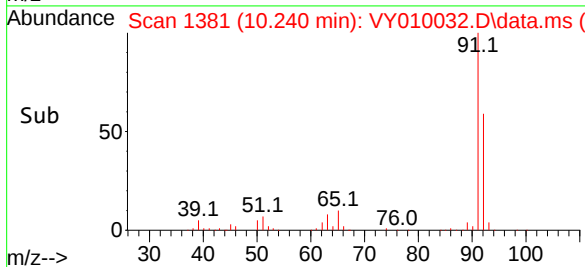
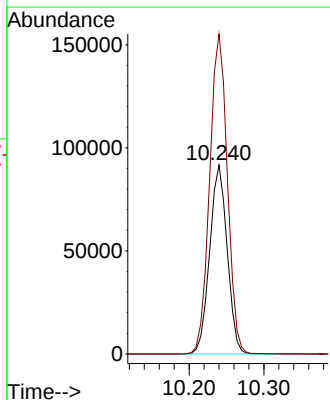
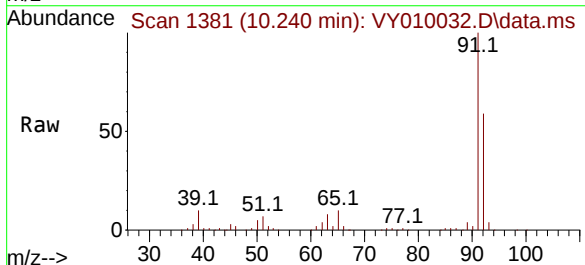
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

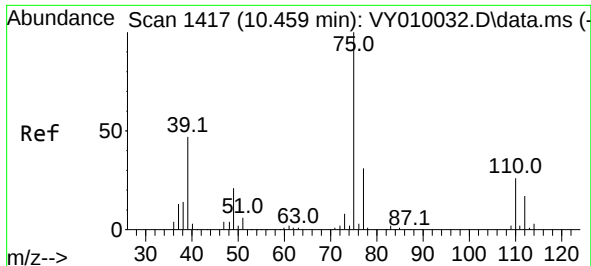
Tgt Ion: 43 Resp: 204783
Ion Ratio Lower Upper
43 100
58 37.3 29.8 44.8



#52
Toluene
Concen: 54.832 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 92 Resp: 149195
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

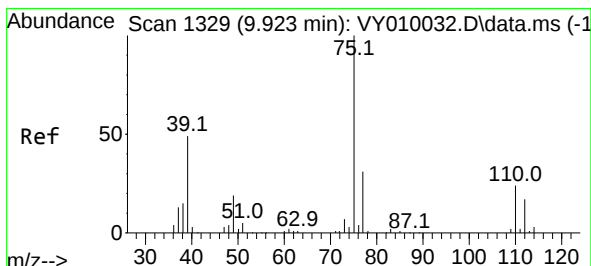
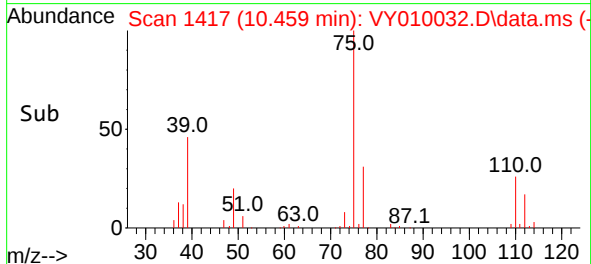
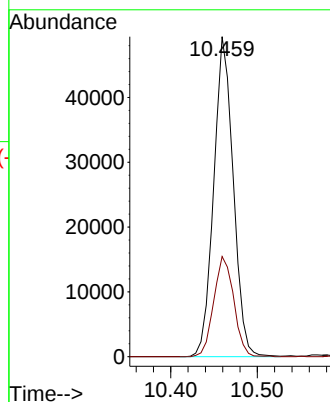
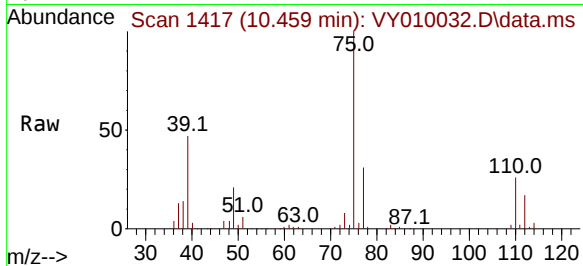




#53
 t-1,3-Dichloropropene
 Concen: 52.449 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

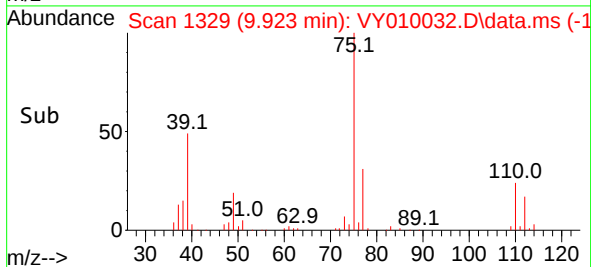
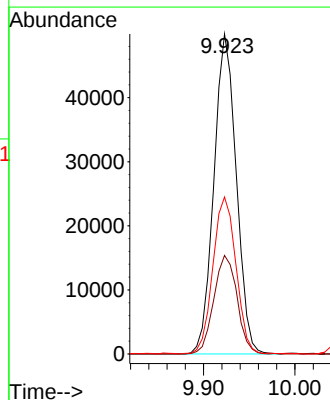
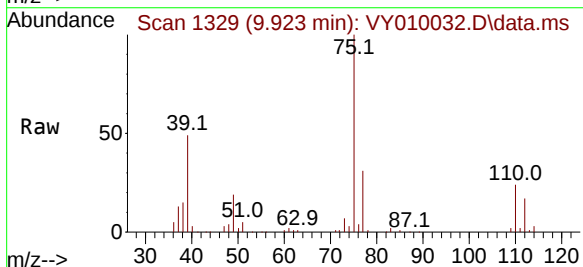
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

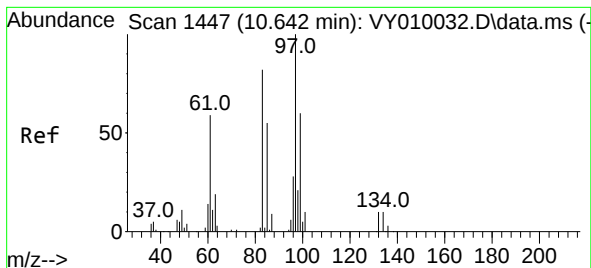
Tgt Ion: 75 Resp: 77439
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.267 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

Tgt Ion: 75 Resp: 85049
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0
 39 49.0 39.2 58.8

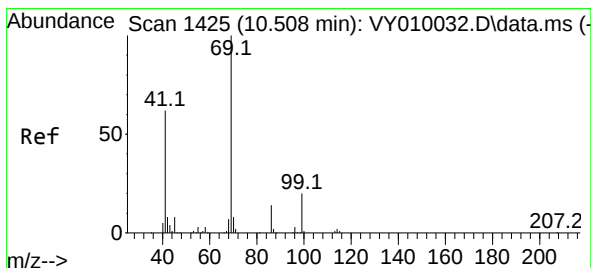
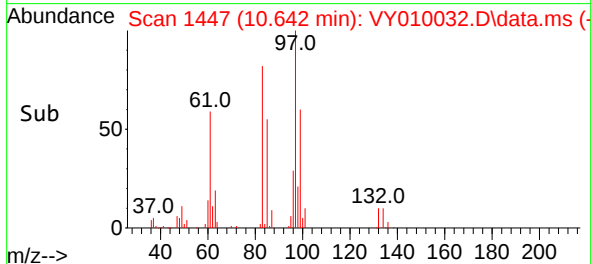
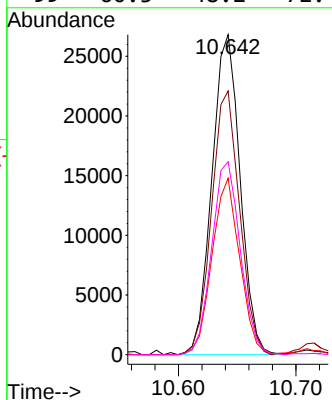
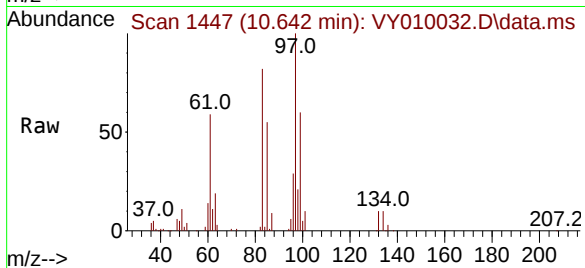




#55
1,1,2-Trichloroethane
Concen: 48.932 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

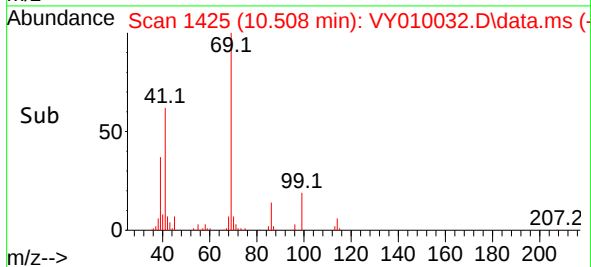
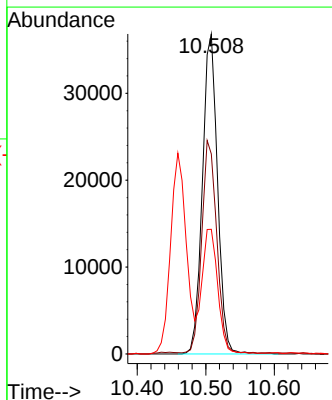
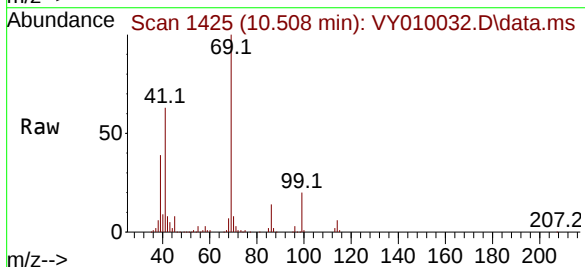
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

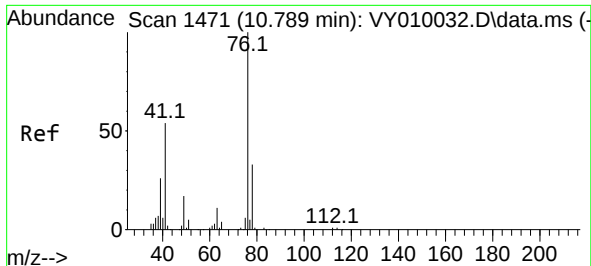
Tgt Ion: 97	Resp: 44809
Ion Ratio	Lower Upper
97 100	
83 82.4	65.9 98.9
85 55.2	44.2 66.2
99 60.3	48.2 72.4



#56
Ethyl methacrylate
Concen: 50.567 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 69	Resp: 56640
Ion Ratio	Lower Upper
69 100	
41 66.0	52.8 79.2
39 40.5	32.4 48.6





#57

1,3-Dichloropropane

Concen: 48.890 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

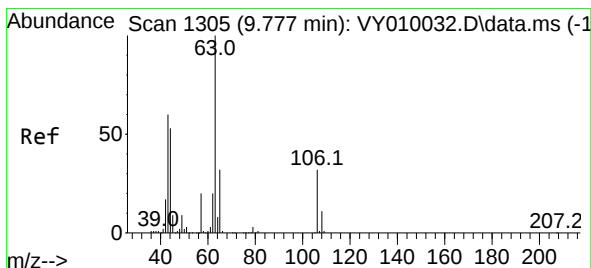
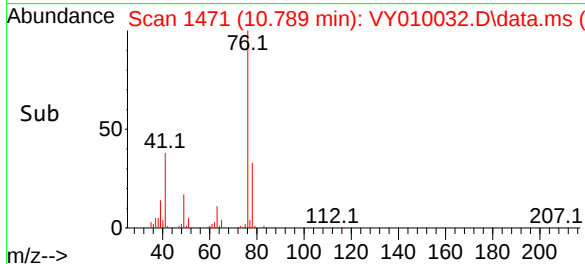
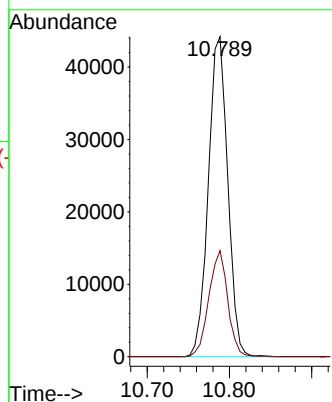
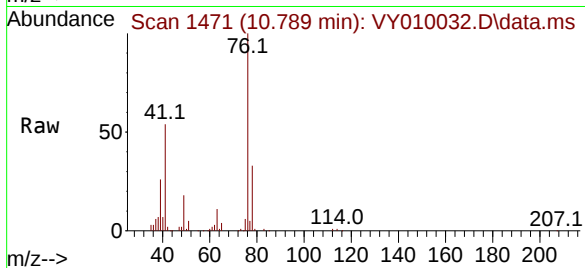
VSTDICCC050

Tgt Ion: 76 Resp: 72446

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 216.510 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY010032.D

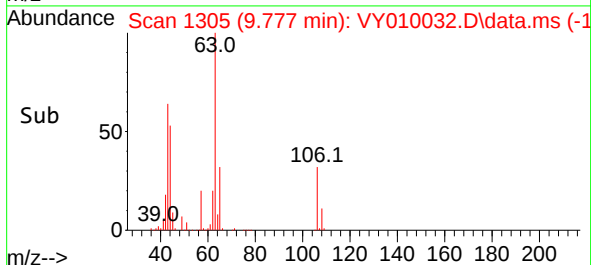
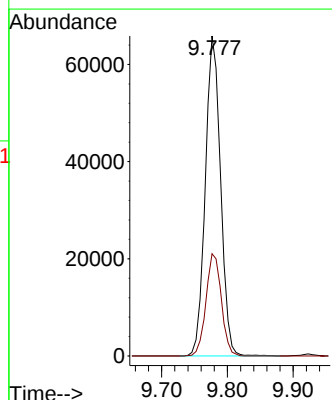
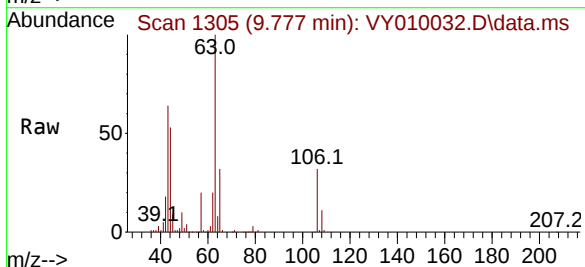
Acq: 15 Aug 2022 17:17

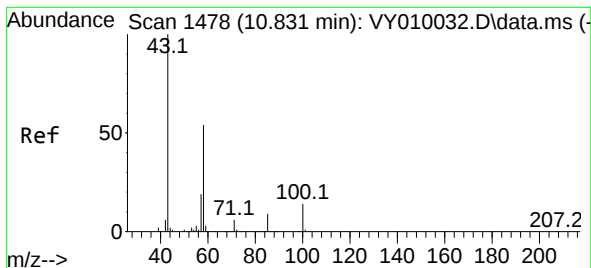
Tgt Ion: 63 Resp: 106349

Ion Ratio Lower Upper

63 100

106 32.1 25.7 38.5

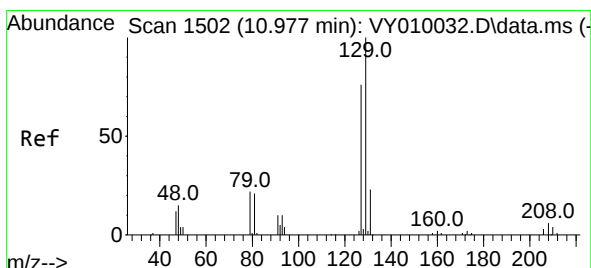
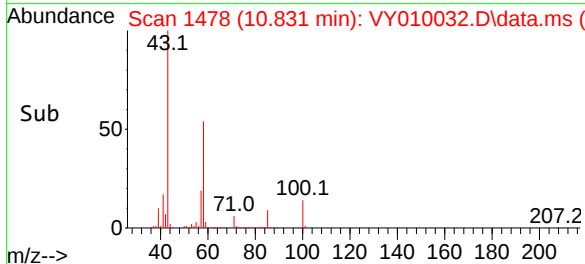
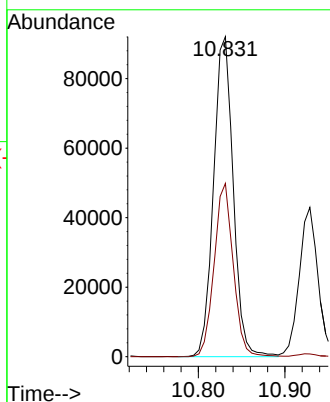
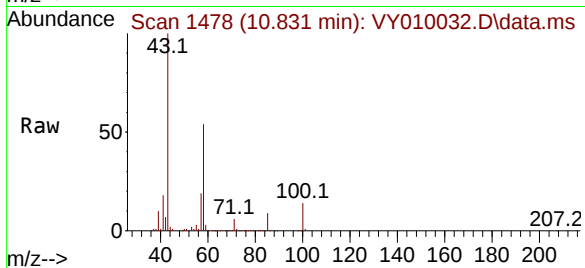




#59
2-Hexanone
Concen: 278.532 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

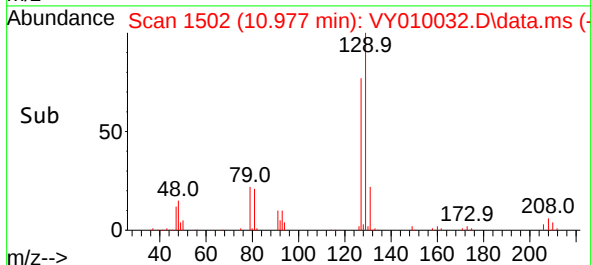
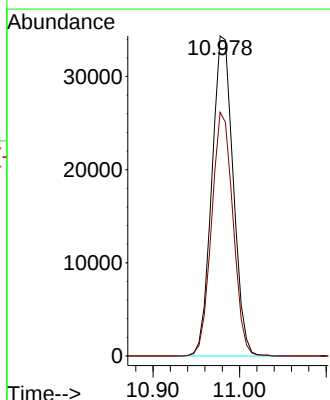
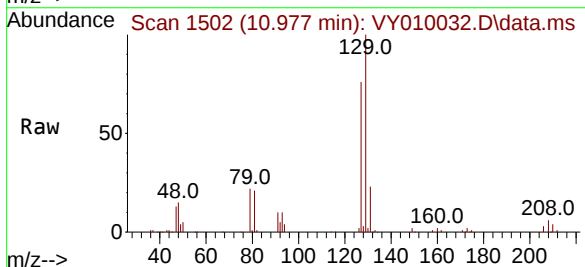
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

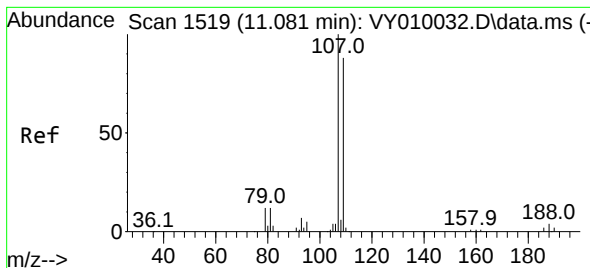
Tgt Ion: 43 Resp: 145244
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 55.250 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion:129 Resp: 58799
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5

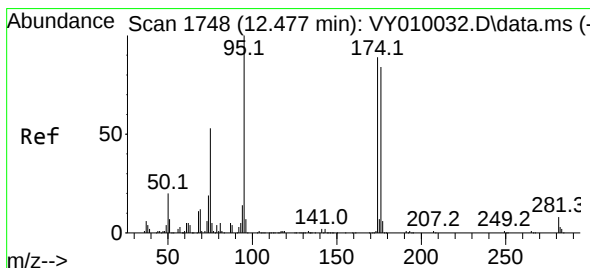
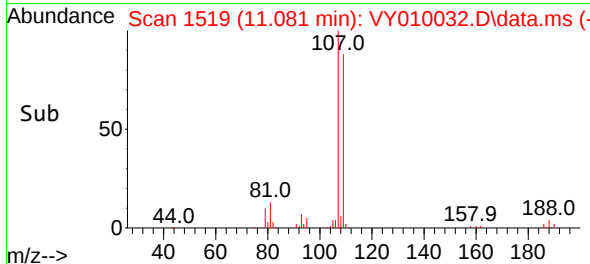
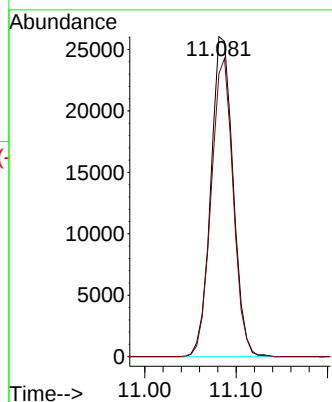
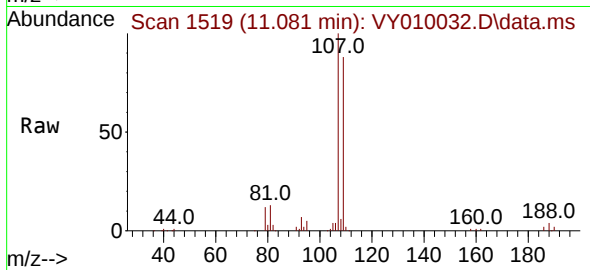




#61
1,2-Dibromoethane
Concen: 49.985 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

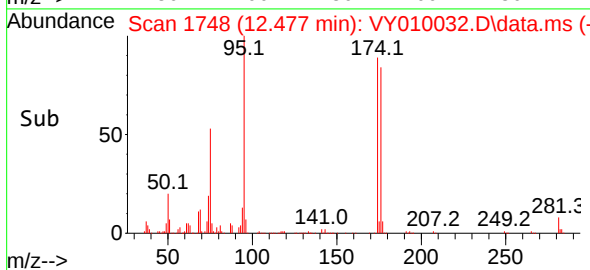
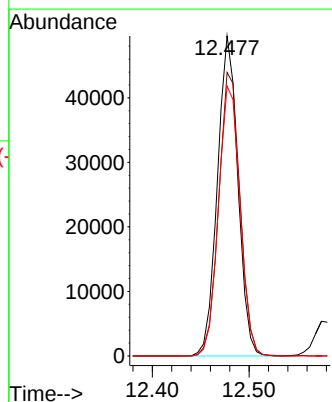
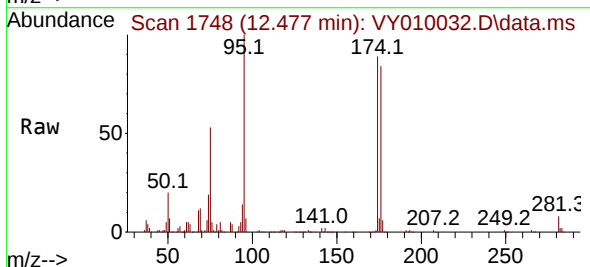
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

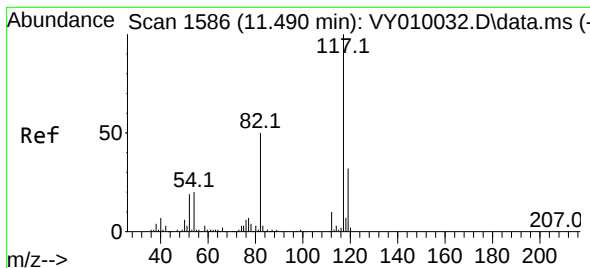
Tgt Ion:107 Resp: 43905
Ion Ratio Lower Upper
107 100
109 92.4 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.024 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 95 Resp: 72697
Ion Ratio Lower Upper
95 100
174 92.1 0.0 184.2
176 89.2 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

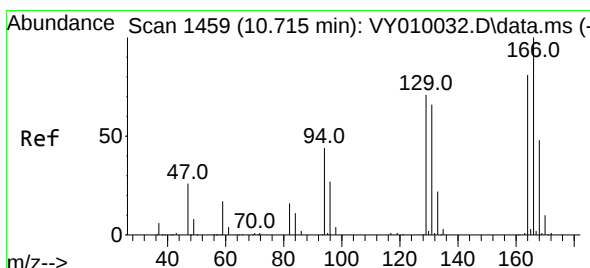
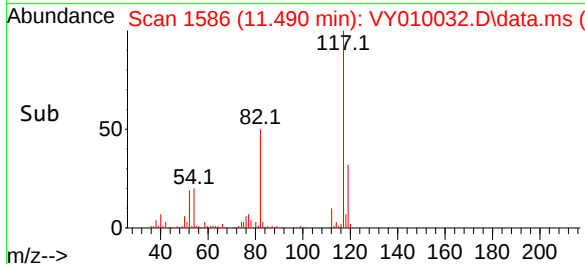
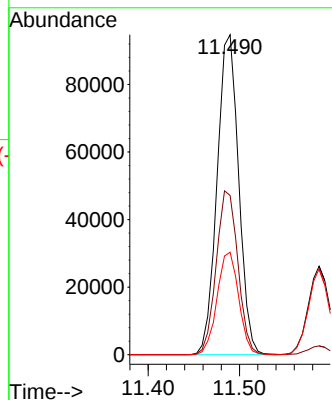
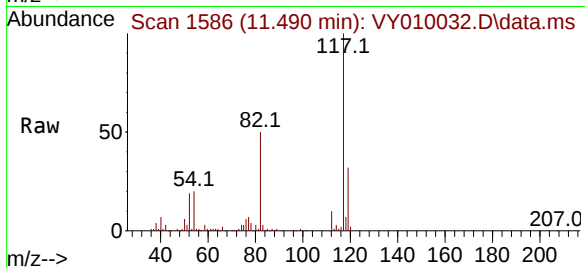
Tgt Ion:117 Resp: 155452

Ion Ratio Lower Upper

117 100

82 49.7 39.8 59.6

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 57.320 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Tgt Ion:164 Resp: 66602

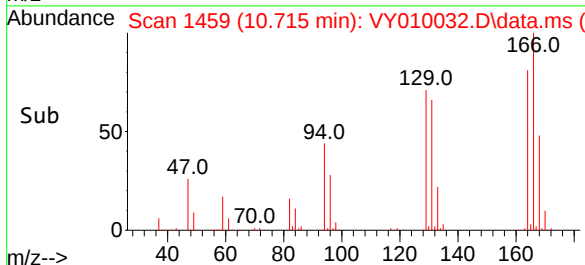
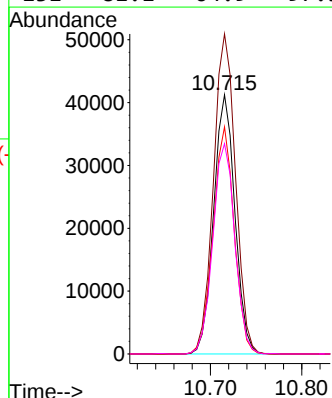
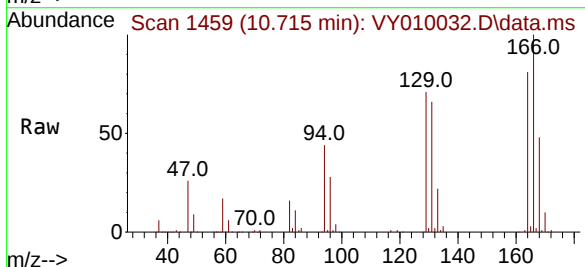
Ion Ratio Lower Upper

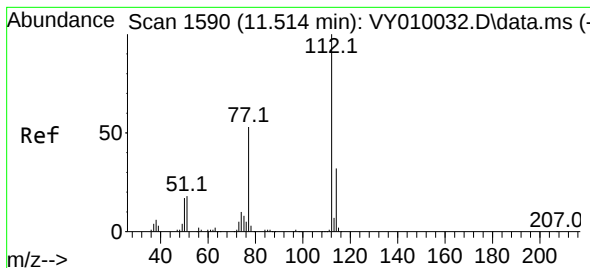
164 100

166 123.5 98.8 148.2

129 87.6 70.1 105.1

131 81.1 64.9 97.3

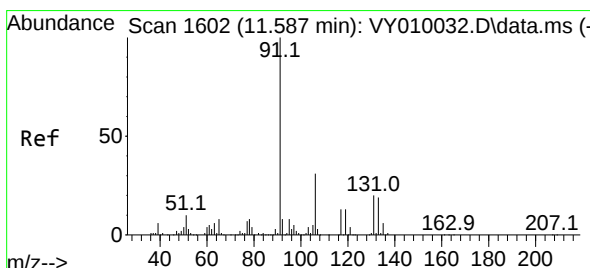
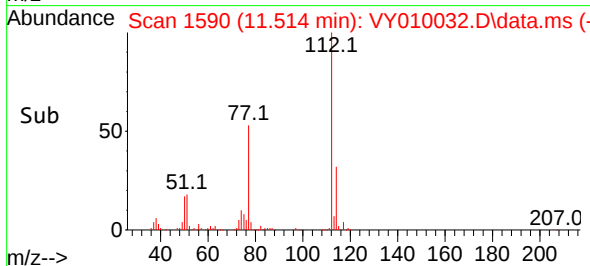
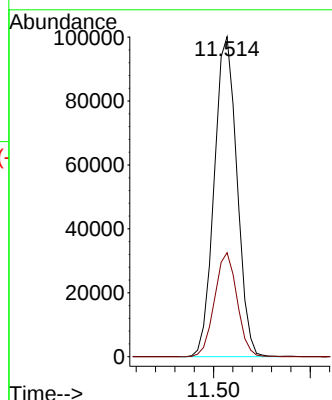
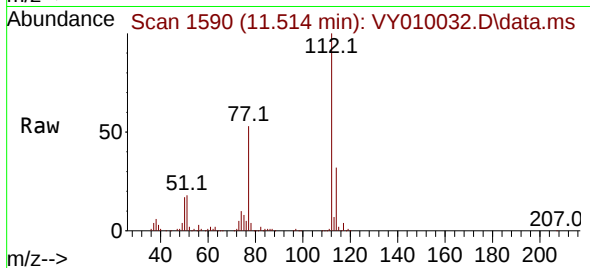




#65
Chlorobenzene
Concen: 51.573 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

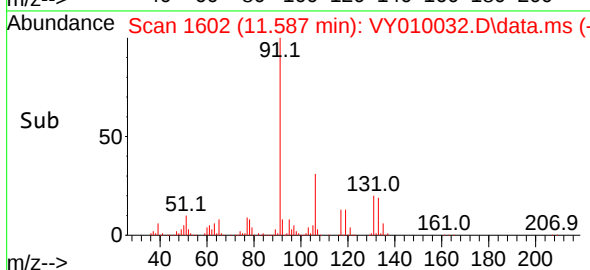
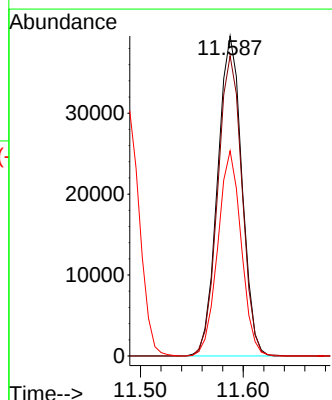
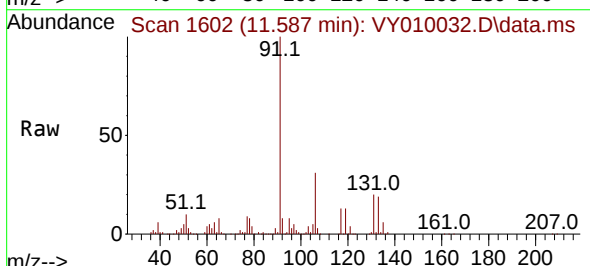
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

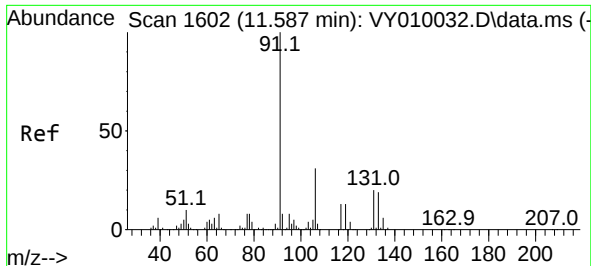
Tgt Ion:112 Resp: 163452
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.511 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion:131 Resp: 64806
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.0
119 61.8 30.9 92.7





#67

Ethyl Benzene

Concen: 54.837 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

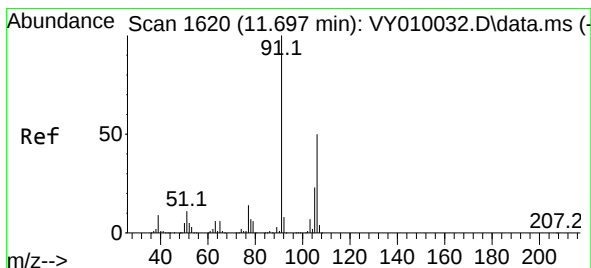
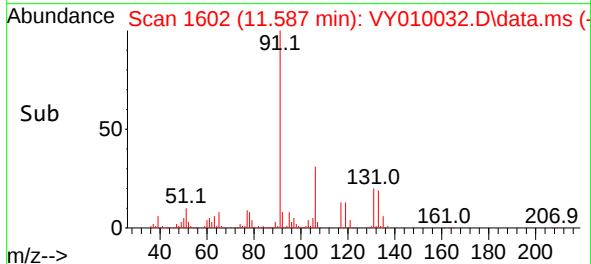
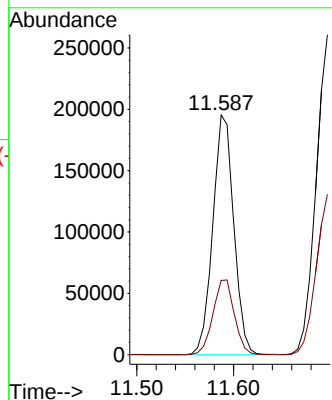
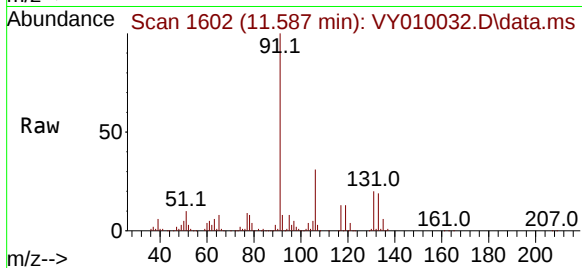
VSTDICCC050

Tgt Ion: 91 Resp: 294117

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 113.322 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY010032.D

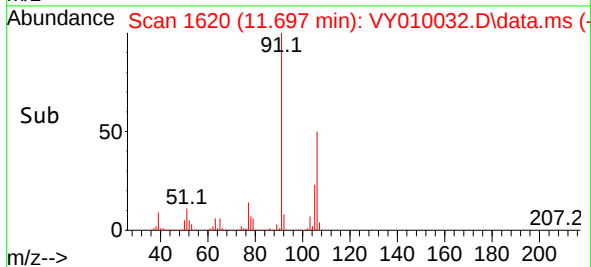
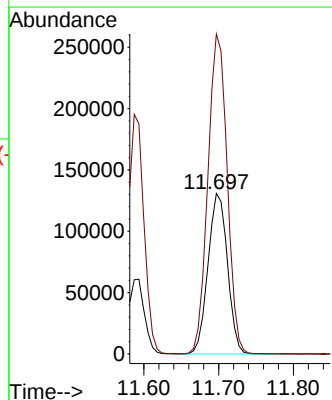
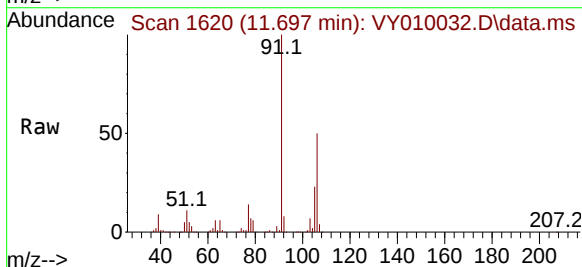
Acq: 15 Aug 2022 17:17

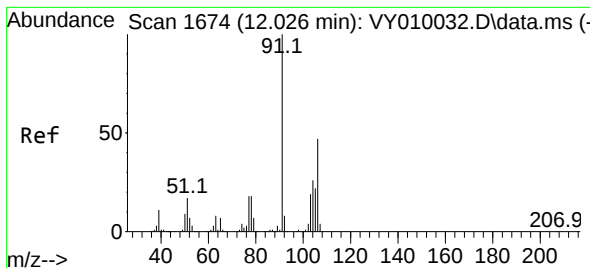
Tgt Ion: 106 Resp: 236668

Ion Ratio Lower Upper

106 100

91 197.7 158.2 237.2





#69

o-Xylene

Concen: 55.702 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

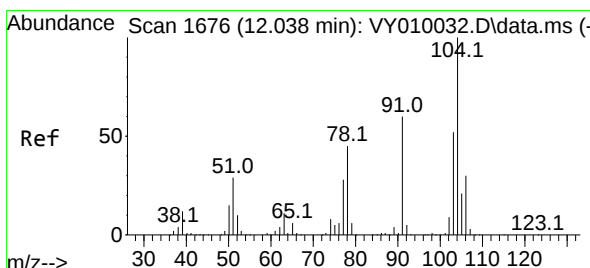
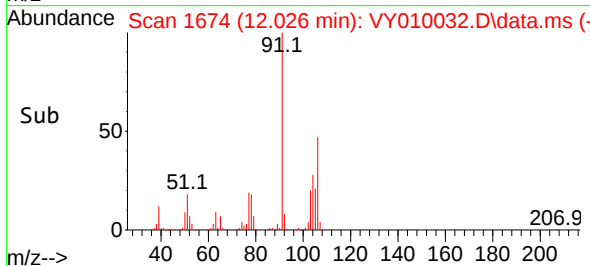
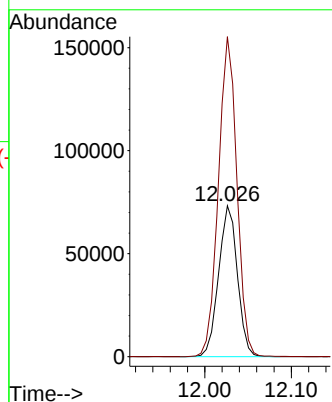
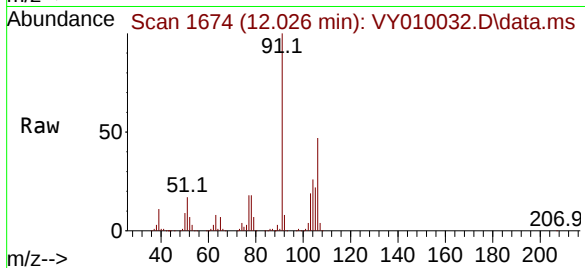
VSTDICCC050

Tgt Ion:106 Resp: 110292

Ion Ratio Lower Upper

106 100

91 209.1 104.6 313.7



#70

Styrene

Concen: 56.359 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

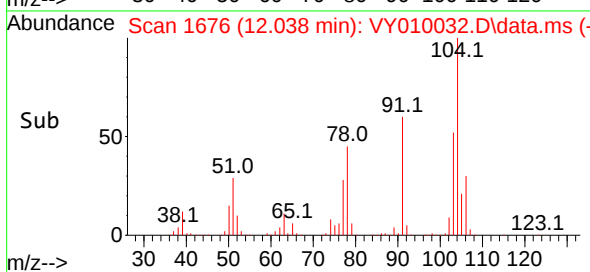
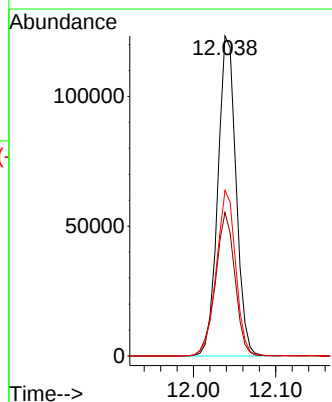
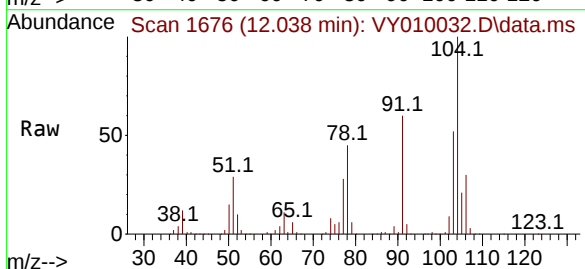
Tgt Ion:104 Resp: 189987

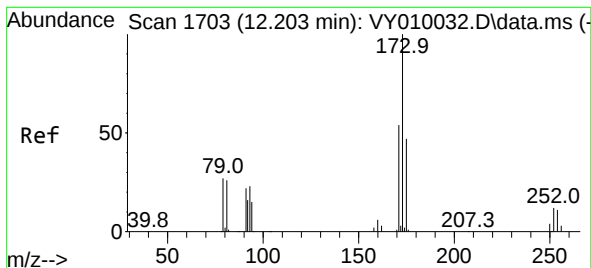
Ion Ratio Lower Upper

104 100

78 47.8 38.2 57.4

103 55.0 44.0 66.0





#71

Bromoform

Concen: 56.275 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

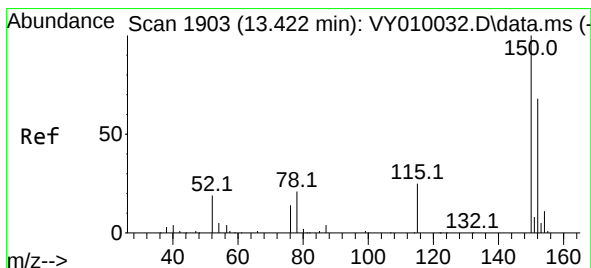
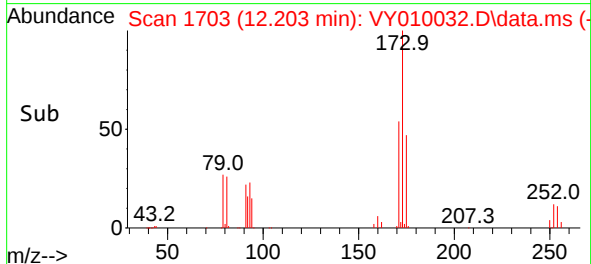
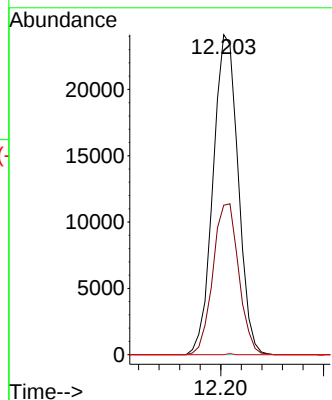
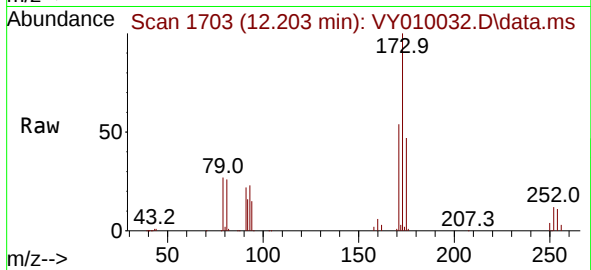
Tgt Ion:173 Resp: 40816

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

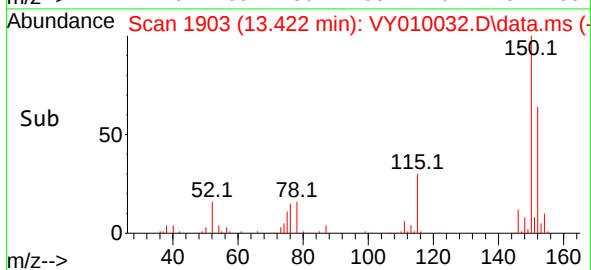
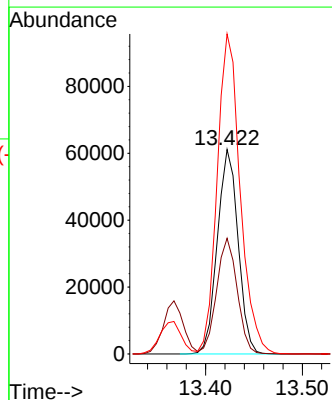
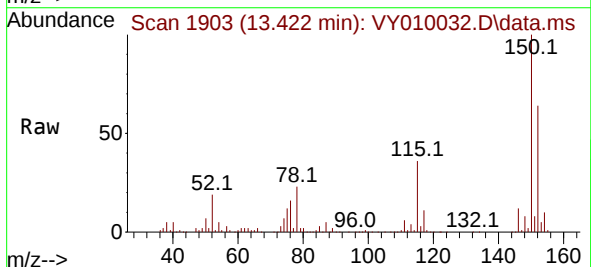
Tgt Ion:152 Resp: 91030

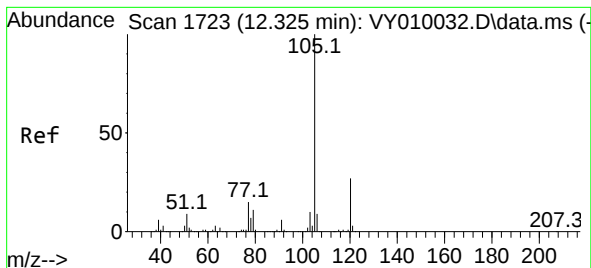
Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.3

150 173.3 0.0 346.6





#73

Isopropylbenzene

Concen: 48.538 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

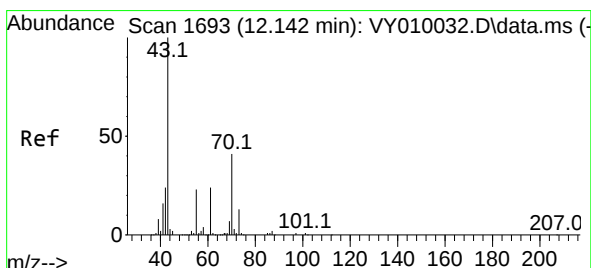
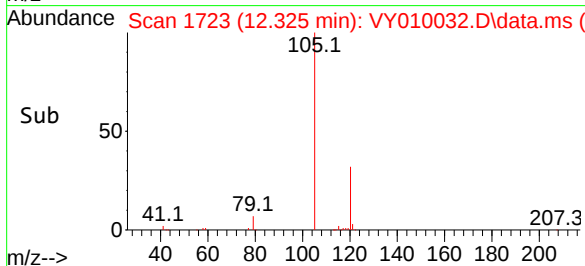
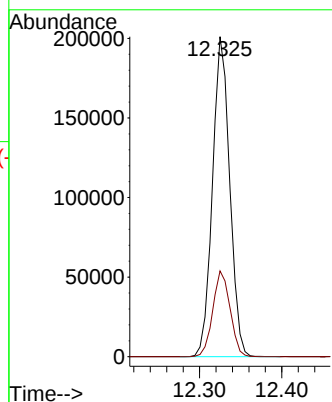
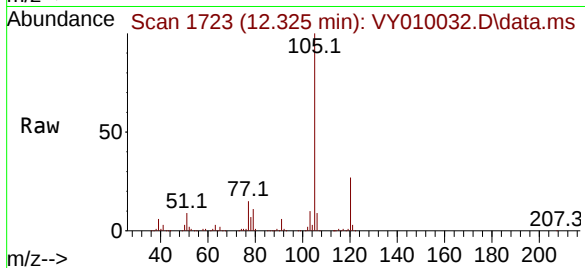
VSTDICCC050

Tgt Ion:105 Resp: 292460

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 50.631 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Tgt Ion: 43 Resp: 78535

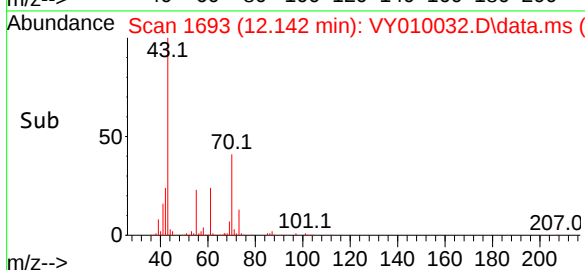
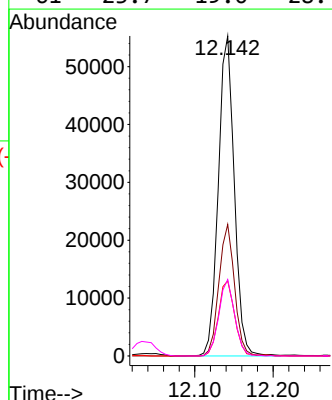
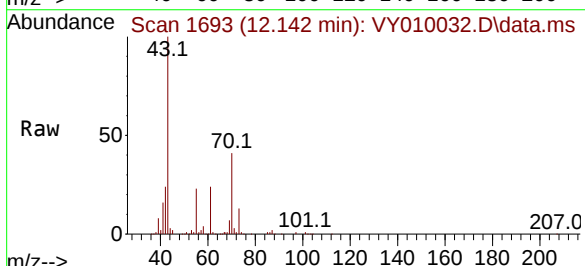
Ion Ratio Lower Upper

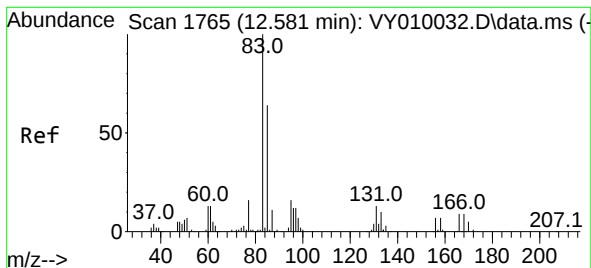
43 100

70 40.4 32.3 48.5

55 24.1 19.3 28.9

61 23.7 19.0 28.4

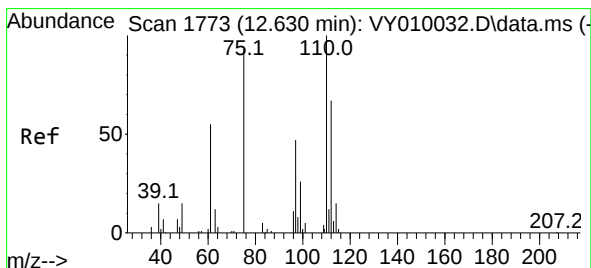
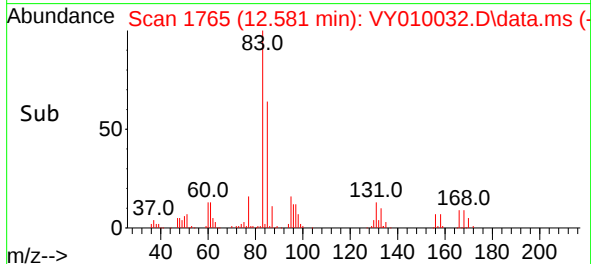
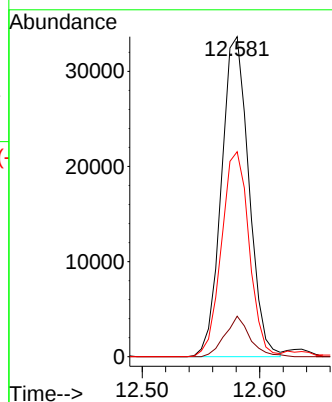
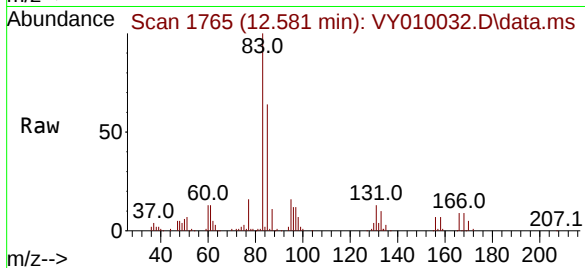




#75
 1,1,2,2-Tetrachloroethane
 Concen: 40.224 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

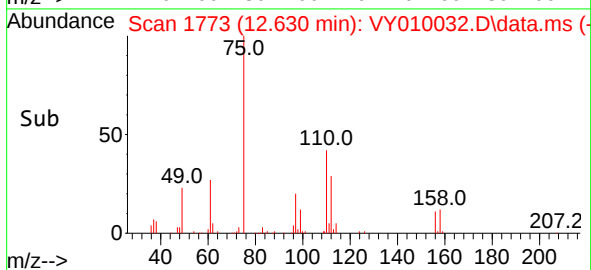
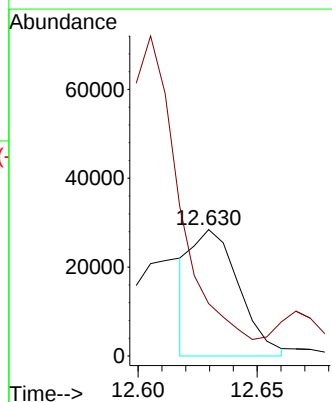
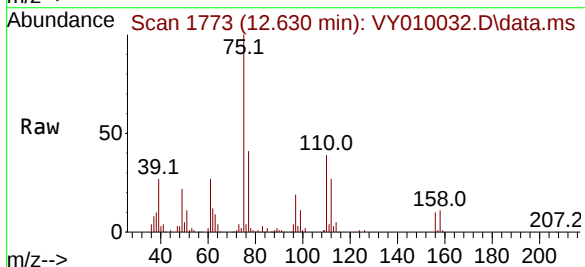
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

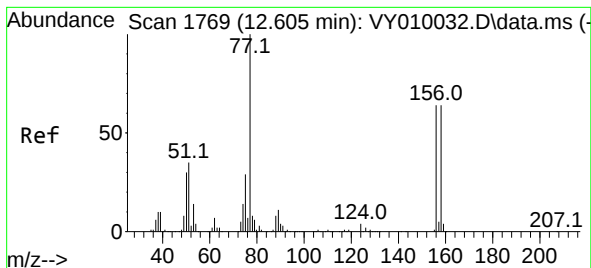
Tgt Ion: 83 Resp: 54619
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.8 17.3
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 38.818 ug/l m
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

Tgt Ion: 75 Resp: 39599
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.028 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

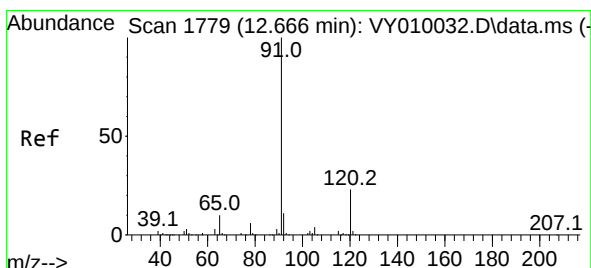
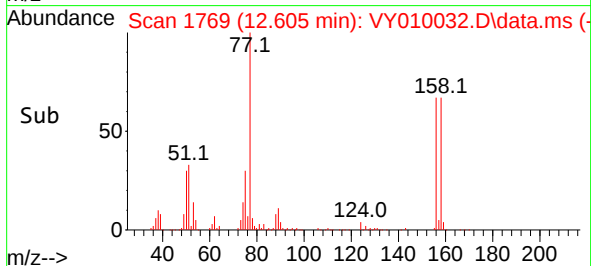
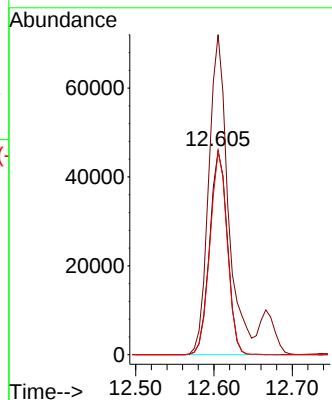
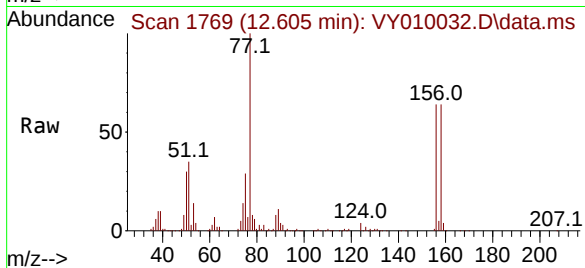
Tgt Ion:156 Resp: 71823

Ion Ratio Lower Upper

156 100

77 171.7 85.9 257.6

158 97.9 48.9 146.8



#78

n-propylbenzene

Concen: 47.585 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY010032.D

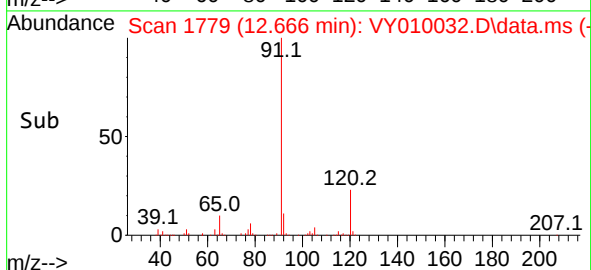
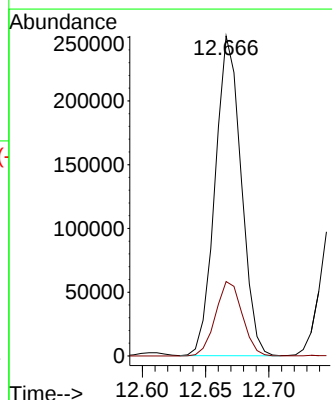
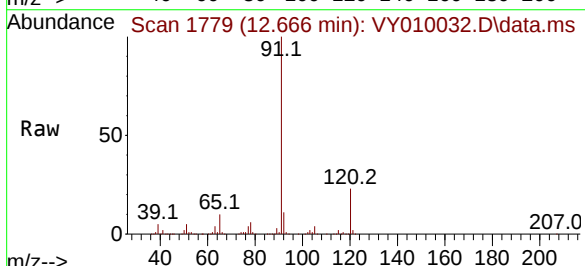
Acq: 15 Aug 2022 17:17

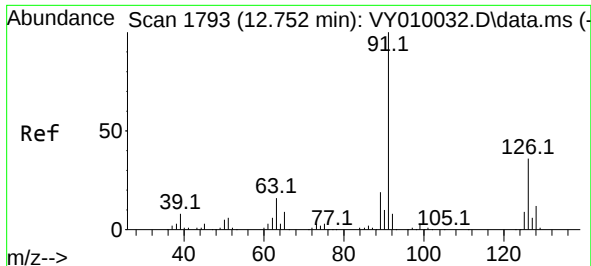
Tgt Ion: 91 Resp: 358654

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.9

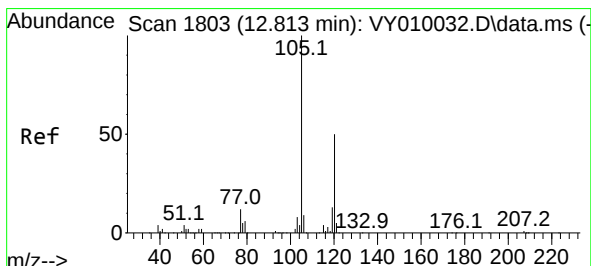
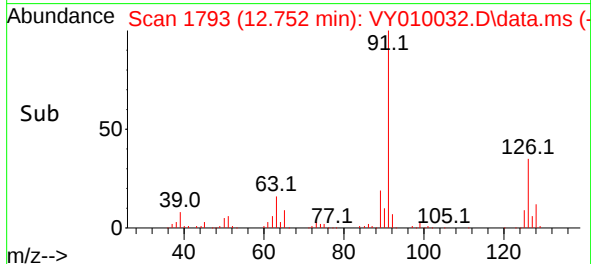
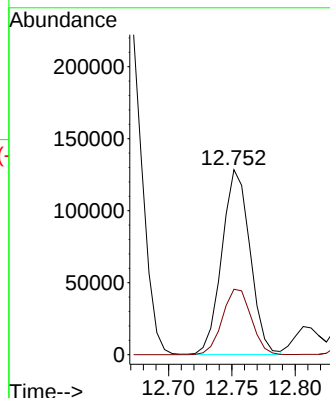
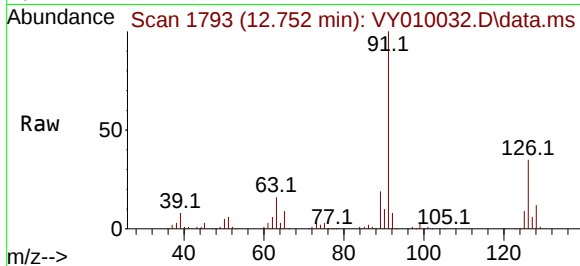




#79
2-Chlorotoluene
Concen: 46.694 ug/l
RT: 12.752 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

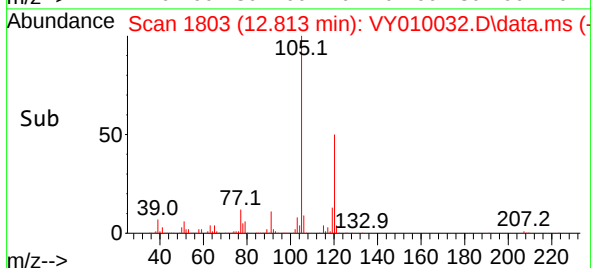
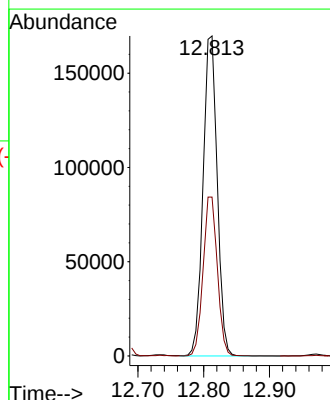
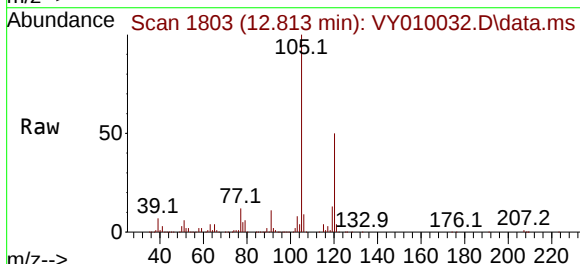
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

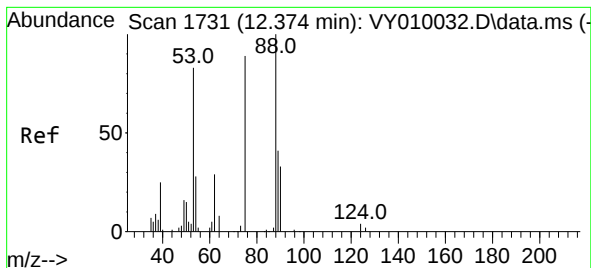
Tgt Ion: 91 Resp: 198790
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.4



#80
1,3,5-Trimethylbenzene
Concen: 51.421 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 105 Resp: 253978
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0

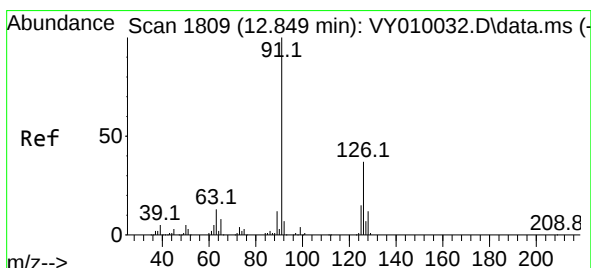
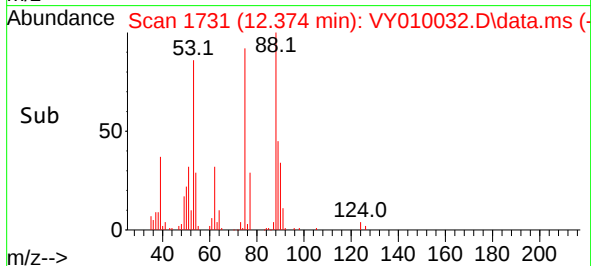
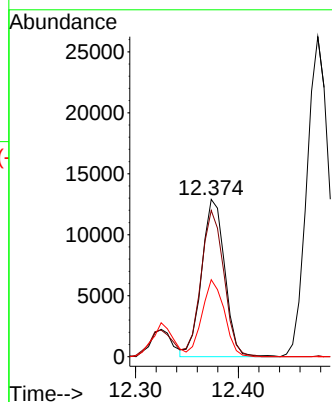
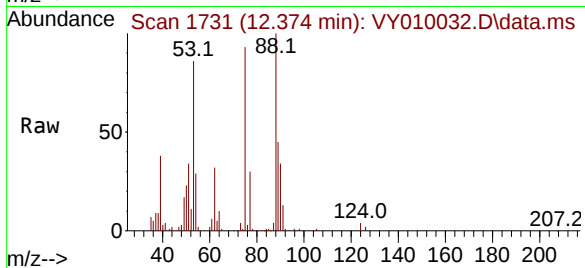




#81
trans-1,4-Dichloro-2-butene
Concen: 43.039 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

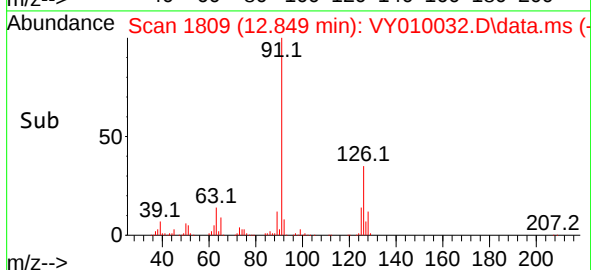
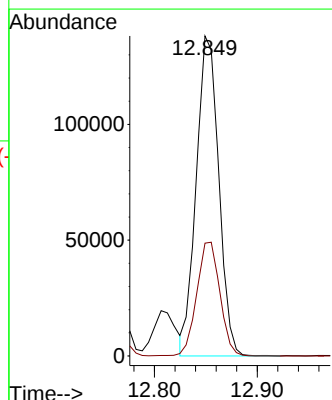
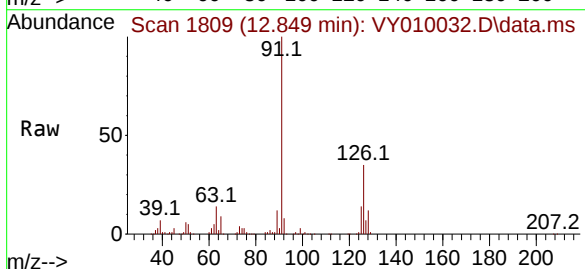
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

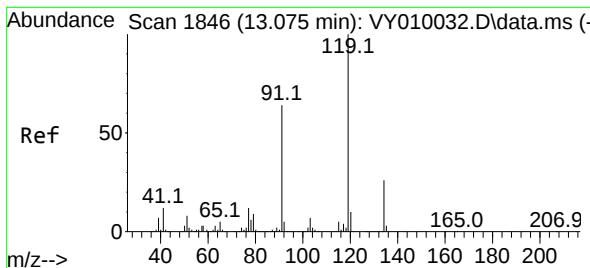
Tgt Ion: 75 Resp: 20101
Ion Ratio Lower Upper
75 100
53 92.8 74.2 111.4
89 47.2 37.8 56.6



#82
4-Chlorotoluene
Concen: 47.357 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 91 Resp: 210700
Ion Ratio Lower Upper
91 100
126 36.6 18.3 54.9





#83

tert-Butylbenzene

Concen: 51.341 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

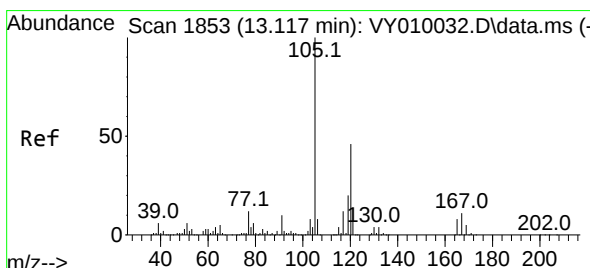
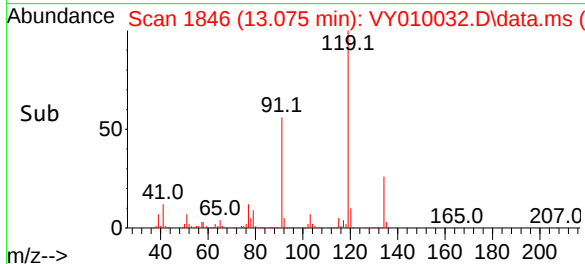
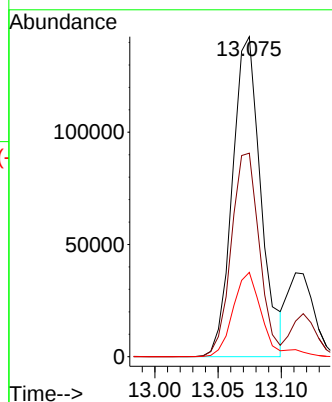
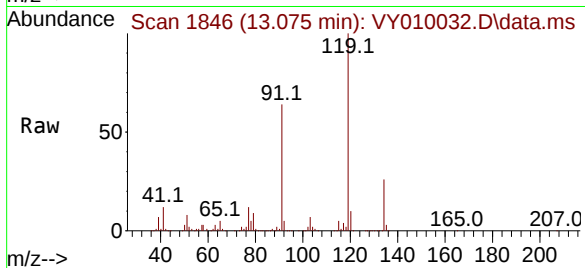
Tgt Ion:119 Resp: 223121

Ion Ratio Lower Upper

119 100

91 63.1 31.6 94.7

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 51.348 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010032.D

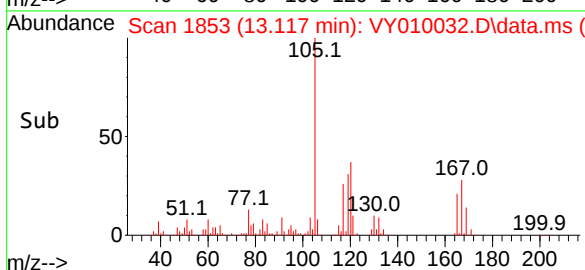
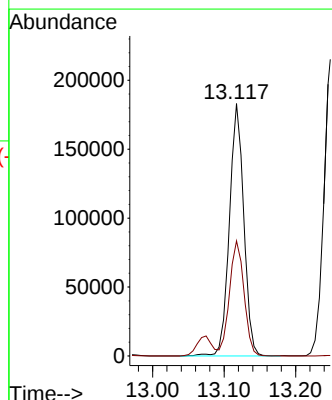
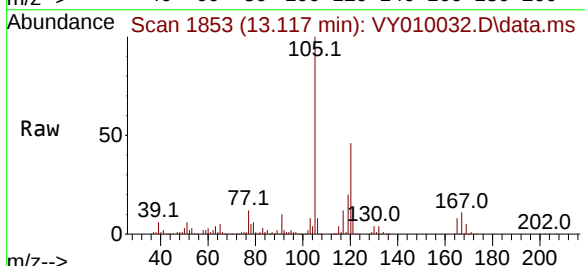
Acq: 15 Aug 2022 17:17

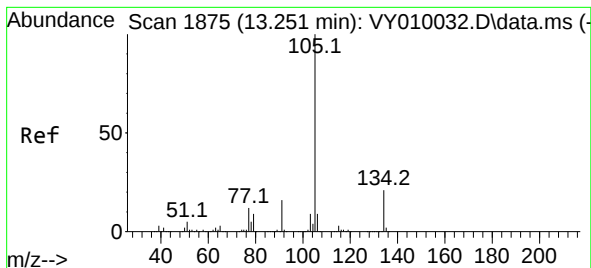
Tgt Ion:105 Resp: 255316

Ion Ratio Lower Upper

105 100

120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 49.732 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

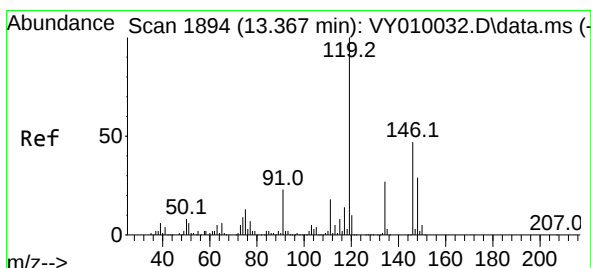
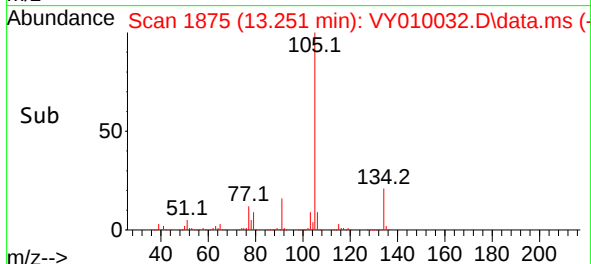
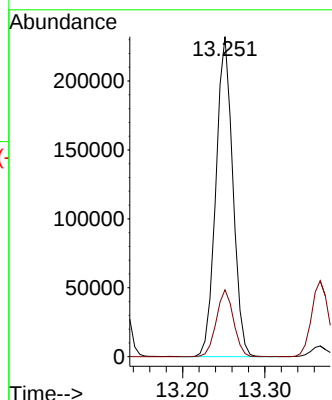
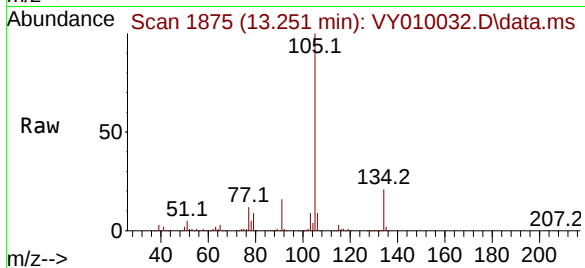
VSTDICCC050

Tgt Ion:105 Resp: 331612

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 53.811 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

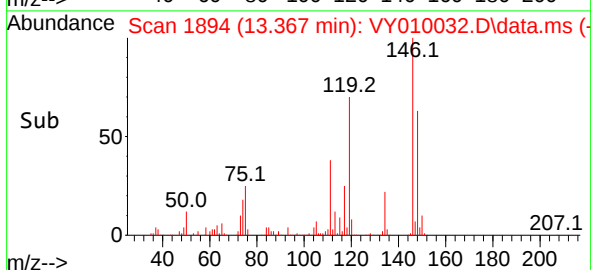
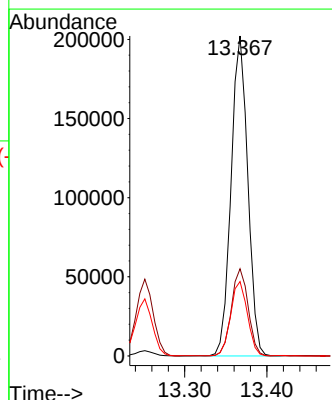
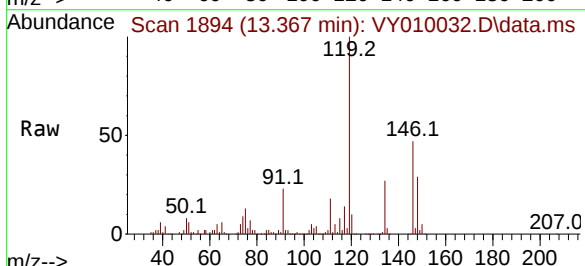
Tgt Ion:119 Resp: 285588

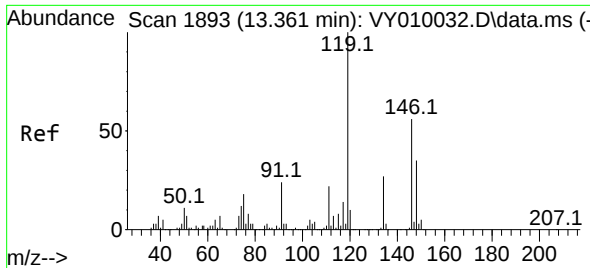
Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

91 23.3 11.7 35.0

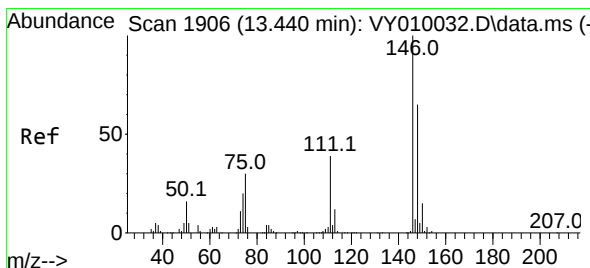
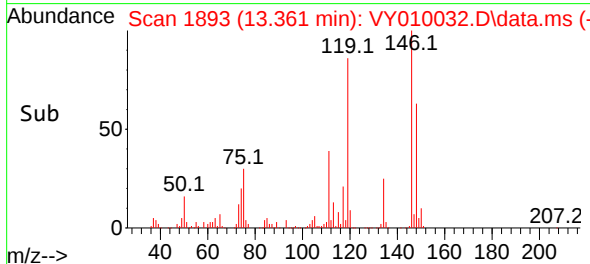
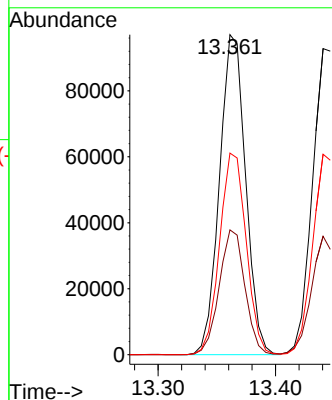
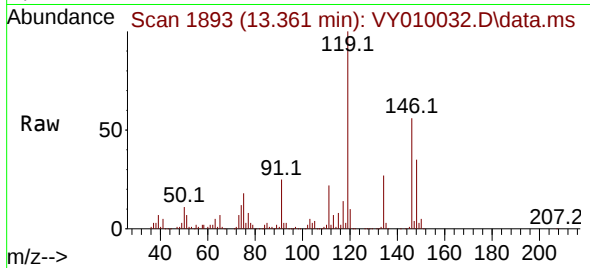




#87
 1,3-Dichlorobenzene
 Concen: 51.449 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

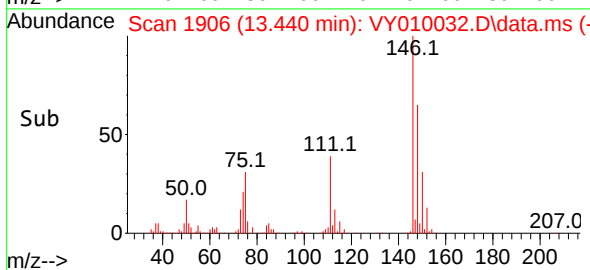
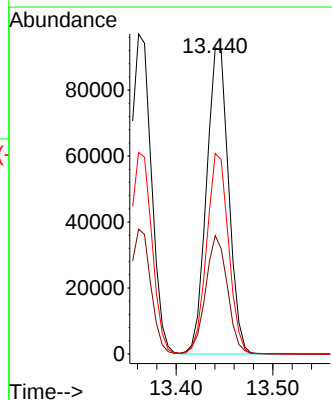
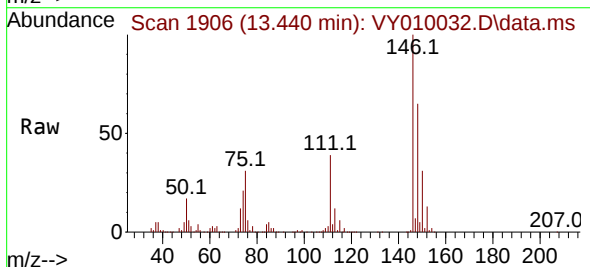
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

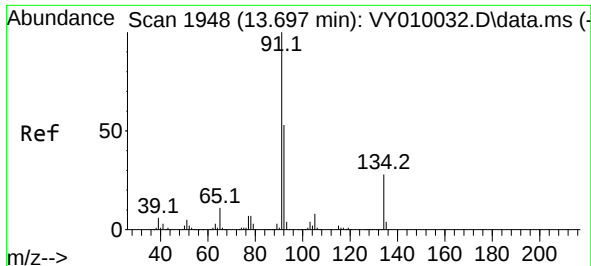
Tgt Ion:146 Resp: 150147
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.960 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY010032.D
 Acq: 15 Aug 2022 17:17

Tgt Ion:146 Resp: 147783
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.6 32.3 96.9

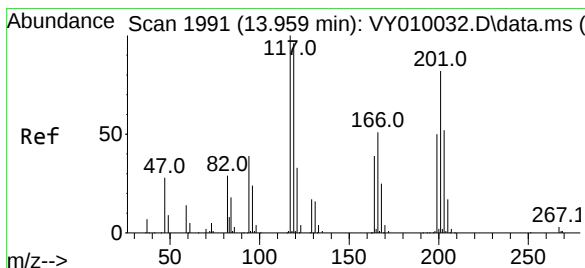
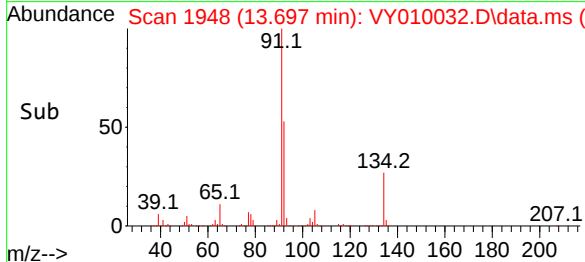
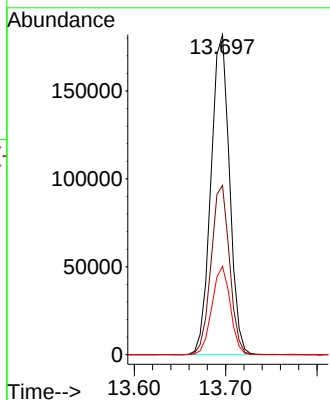
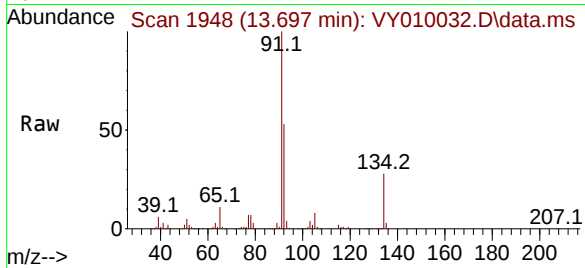




#89
n-Butylbenzene
Concen: 50.778 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

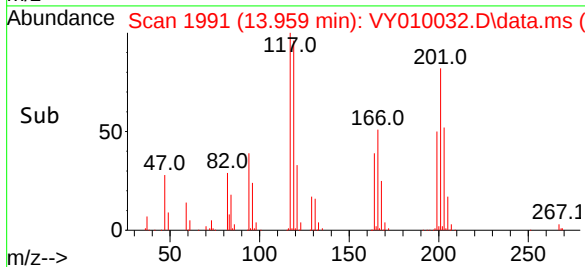
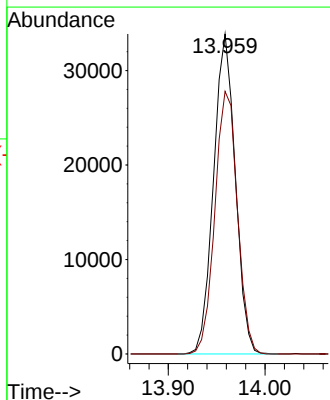
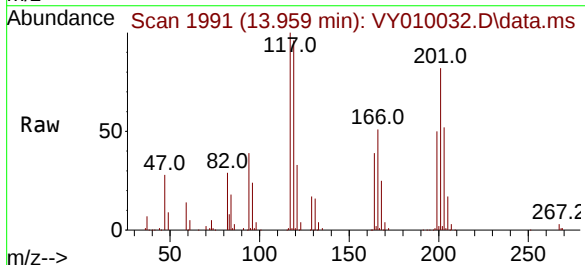
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

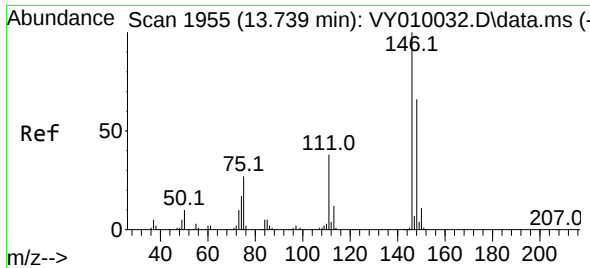
Tgt Ion: 91 Resp: 256949
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 47.268 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 117 Resp: 52922
Ion Ratio Lower Upper
117 100
201 84.7 42.4 127.1

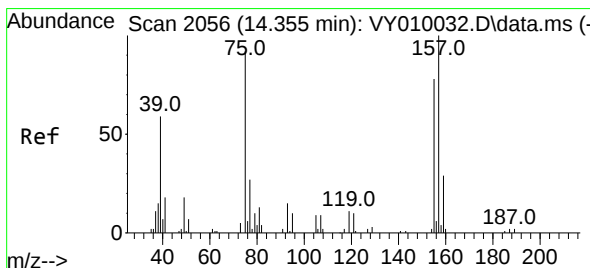
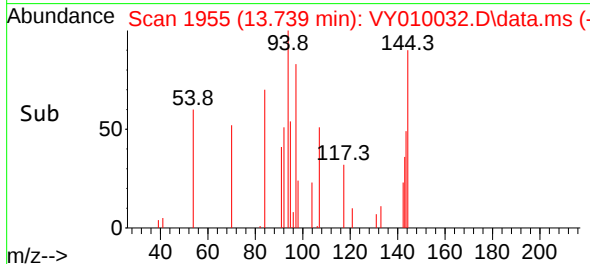
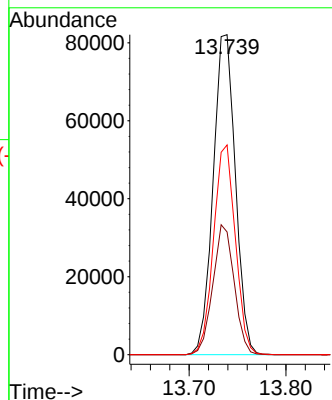
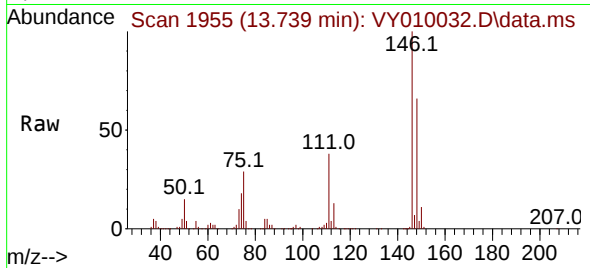




#91
1,2-Dichlorobenzene
Concen: 50.565 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

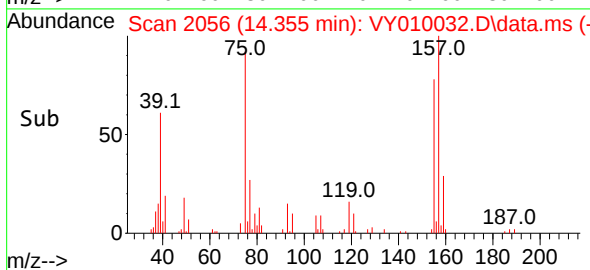
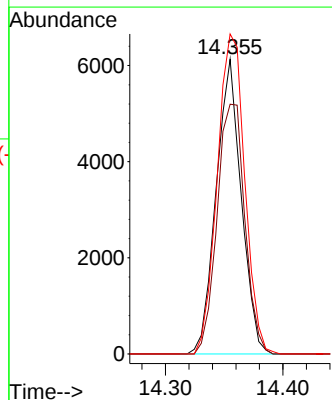
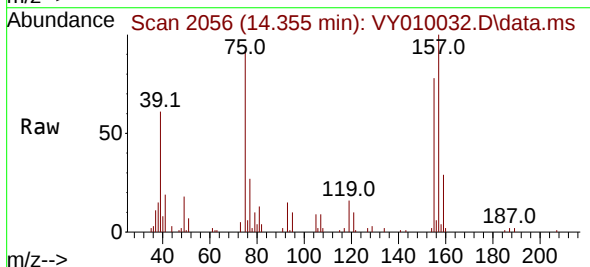
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

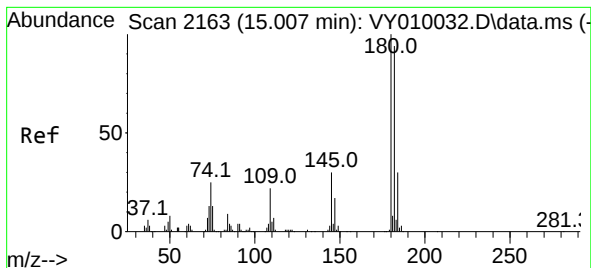
Tgt Ion:146 Resp: 131393
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.4
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.578 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY010032.D
Acq: 15 Aug 2022 17:17

Tgt Ion: 75 Resp: 9084
Ion Ratio Lower Upper
75 100
155 93.7 46.9 140.6
157 119.3 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 54.131 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

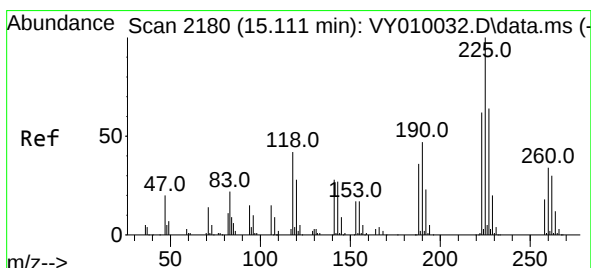
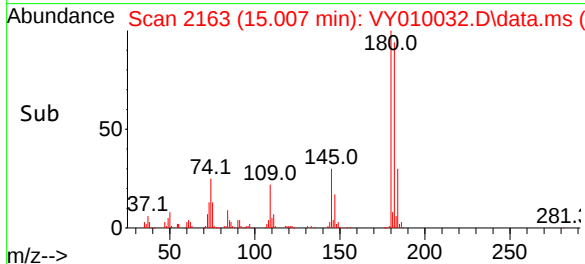
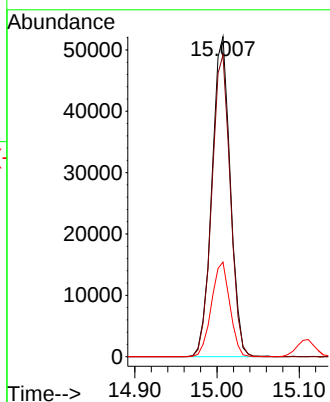
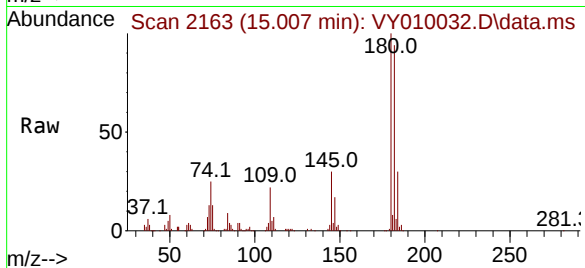
Tgt Ion:180 Resp: 80784

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 29.6 14.8 44.4



#94

Hexachlorobutadiene

Concen: 56.395 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

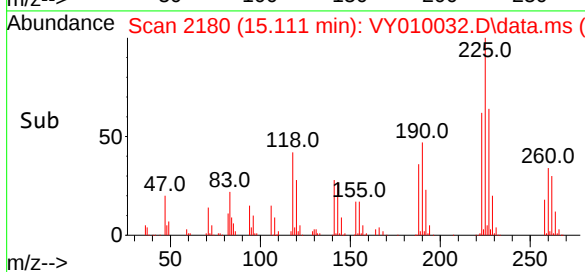
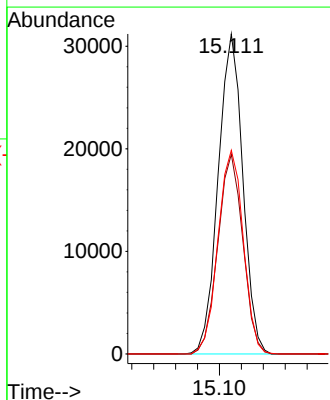
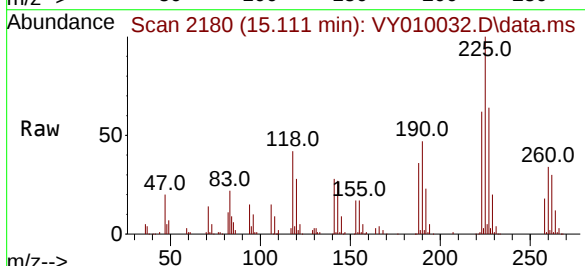
Tgt Ion:225 Resp: 48691

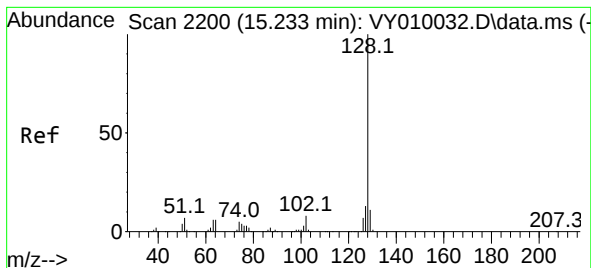
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 65.2 32.6 97.8





#95

Naphthalene

Concen: 43.632 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

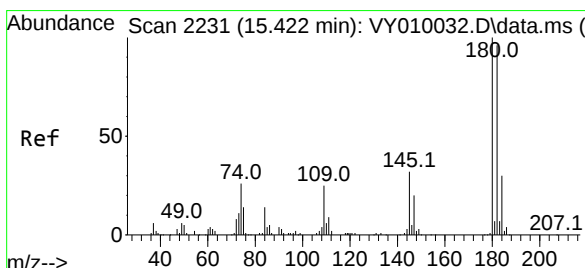
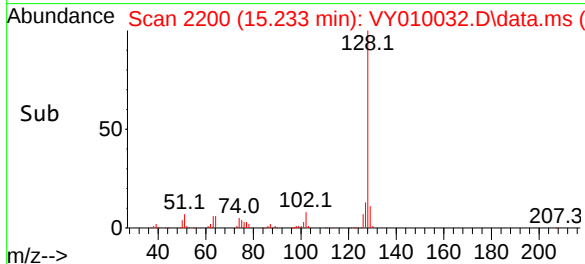
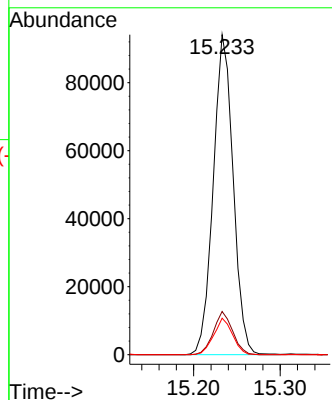
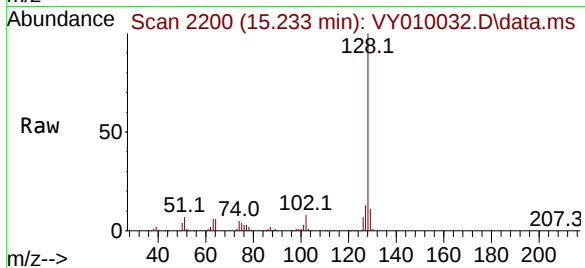
Tgt Ion:128 Resp: 150399

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.992 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY010032.D

Acq: 15 Aug 2022 17:17

Tgt Ion:180 Resp: 67190

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 31.3 15.7 47.0

