

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009574.D
 Acq On : 18 Jul 2022 15:40
 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: Jul 19 02:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 02:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	212136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	284481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99852	49.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.540%
35) Dibromofluoromethane	7.710	113	99961	50.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.173	98	388822	50.637	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.477	95	124723	50.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	100.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	91520	49.167	ug/l	99
3) Chloromethane	2.107	50	131728	47.754	ug/l	94
4) Vinyl Chloride	2.241	62	141640	49.102	ug/l	99
5) Bromomethane	2.637	94	92996	47.631	ug/l	96
6) Chloroethane	2.784	64	85111	48.573	ug/l	96
7) Trichlorofluoromethane	3.113	101	168598	49.324	ug/l	94
8) Diethyl Ether	3.521	74	54771	48.974	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	99568	49.813	ug/l	95
10) Methyl Iodide	4.076	142	136595	51.445	ug/l #	88
11) Tert butyl alcohol	4.948	59	53226	225.198	ug/l	98
12) 1,1-Dichloroethene	3.857	96	96505	49.469	ug/l	86
13) Acrolein	3.717	56	33963	236.786	ug/l	98
14) Allyl chloride	4.466	41	152009	50.371	ug/l #	91
15) Acrylonitrile	5.149	53	136729	247.541	ug/l	98
16) Acetone	3.936	43	150908	297.339	ug/l	90
17) Carbon Disulfide	4.180	76	303514	50.047	ug/l	99
18) Methyl Acetate	4.466	43	63166	44.338	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	255866	49.765	ug/l	99
20) Methylene Chloride	4.698	84	124059	34.183	ug/l	87
21) trans-1,2-Dichloroethene	5.204	96	109907	49.777	ug/l	86
22) Diisopropyl ether	6.106	45	322068	49.979	ug/l	94
23) Vinyl Acetate	6.045	43	1054005	259.236	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	184258	49.506	ug/l	99
25) 2-Butanone	6.972	43	200060	270.233	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	165075	49.509	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	120000	49.156	ug/l	87
28) Bromochloromethane	7.320	49	83770	52.530	ug/l	85
29) Tetrahydrofuran	7.338	42	122038	251.079	ug/l	90
30) Chloroform	7.496	83	184593	48.483	ug/l	98
31) Cyclohexane	7.771	56	172596	48.788	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	168243	49.265	ug/l	96
36) 1,1-Dichloropropene	7.905	75	147761	50.061	ug/l	96
37) Ethyl Acetate	7.064	43	81905	49.858	ug/l	96
38) Carbon Tetrachloride	7.893	117	154887	50.129	ug/l	99
39) Methylcyclohexane	9.179	83	186814	51.331	ug/l	90
40) Benzene	8.155	78	425616	49.280	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	111888	137.422	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	119586	49.358	ug/l	92
43) Isopropyl Acetate	8.265	43	152261	50.583	ug/l #	94
44) Trichloroethene	8.935	130	120092	48.892	ug/l	99
45) 1,2-Dichloropropane	9.209	63	104809	49.463	ug/l	93
46) Dibromomethane	9.301	93	61314	49.822	ug/l	96
47) Bromodichloromethane	9.490	83	142803	49.486	ug/l	100
48) Methyl methacrylate	9.289	41	68059	51.175	ug/l #	87
49) 1,4-Dioxane	9.289	88	16469	1003.950	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	401135	256.655	ug/l	92
52) Toluene	10.240	92	273325	49.961	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	149121	50.032	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	171237	50.528	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	84558	48.787	ug/l	98
56) Ethyl methacrylate	10.508	69	113671	51.263	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	142835	49.662	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	314336	381.680	ug/l	95
59) 2-Hexanone	10.831	43	292273	268.868	ug/l	91
60) Dibromochloromethane	10.977	129	103535	49.367	ug/l	99
61) 1,2-Dibromoethane	11.087	107	82618	48.857	ug/l	100
64) Tetrachloroethene	10.715	164	111408	50.040	ug/l	98
65) Chlorobenzene	11.514	112	287219	49.408	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	108051	50.027	ug/l	98
67) Ethyl Benzene	11.587	91	522157	51.070	ug/l	98
68) m/p-Xylenes	11.697	106	417465	102.594	ug/l	89
69) o-Xylene	12.026	106	195101	51.236	ug/l	90
70) Styrene	12.038	104	326820	51.602	ug/l	94
71) Bromoform	12.203	173	68865	50.525	ug/l #	100
73) Isopropylbenzene	12.325	105	511402	51.143	ug/l	100
74) N-amyl acetate	12.142	43	136837	51.455	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	98261	49.068	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	128779	90.512	ug/l #	100
77) Bromobenzene	12.605	156	124338	49.448	ug/l	90
78) n-propylbenzene	12.666	91	617386	51.097	ug/l	97
79) 2-Chlorotoluene	12.752	91	336839	50.281	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	423516	51.257	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	36692	52.587	ug/l #	83
82) 4-Chlorotoluene	12.849	91	347986	50.071	ug/l	96
83) tert-Butylbenzene	13.075	119	377804	51.466	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	417370	50.509	ug/l	97
85) sec-Butylbenzene	13.251	105	558301	51.297	ug/l	99
86) p-Isopropyltoluene	13.367	119	469112	51.289	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	244662	49.187	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	240291	48.722	ug/l	98
89) n-Butylbenzene	13.696	91	432969	51.832	ug/l	99
90) Hexachloroethane	13.959	117	87498	49.654	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	214862	49.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15167	49.784	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	134677	49.380	ug/l	99
94) Hexachlorobutadiene	15.111	225	79133	48.909	ug/l	98
95) Naphthalene	15.233	128	259646	49.864	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	115077	48.034	ug/l	99

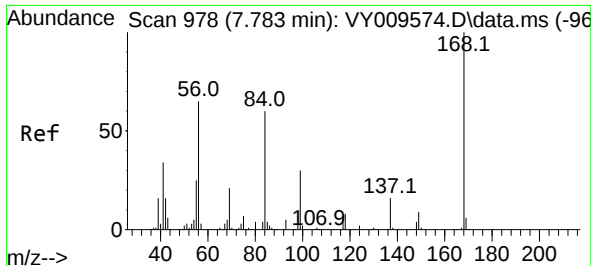
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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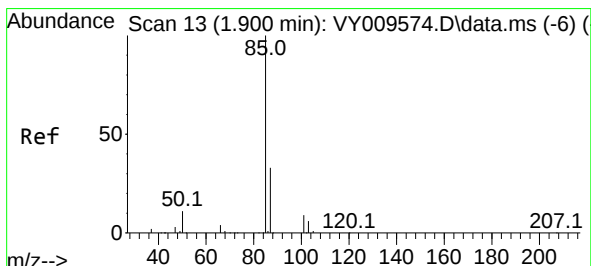
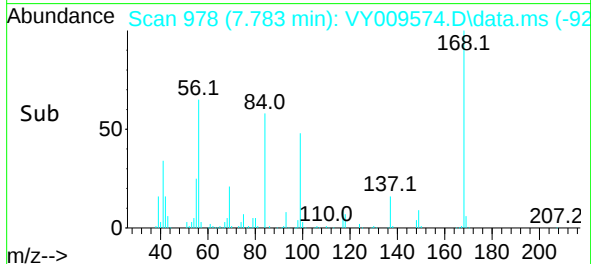
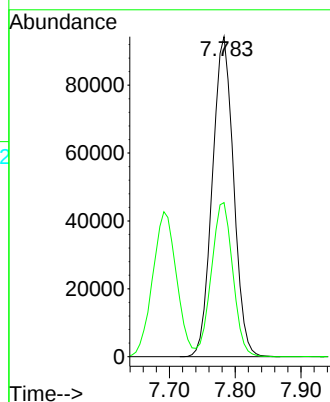
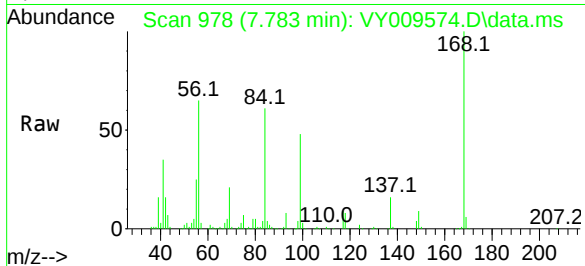
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

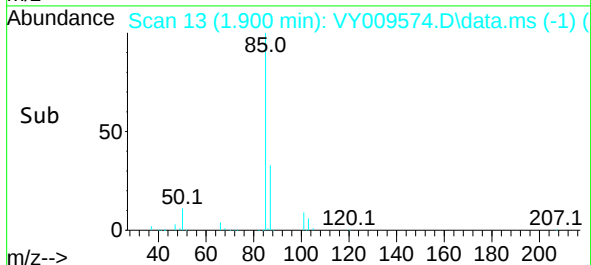
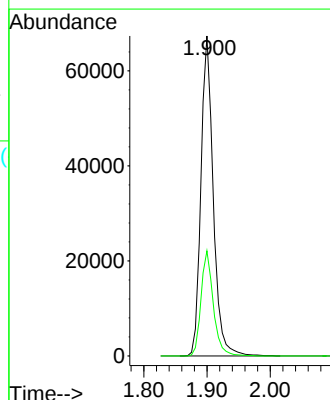
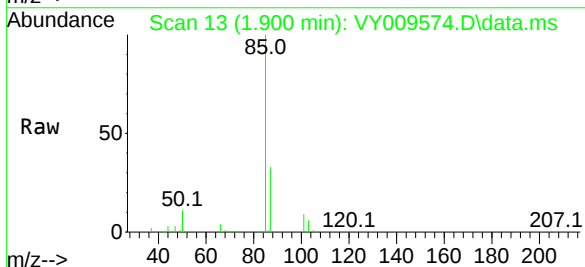
Instrument :
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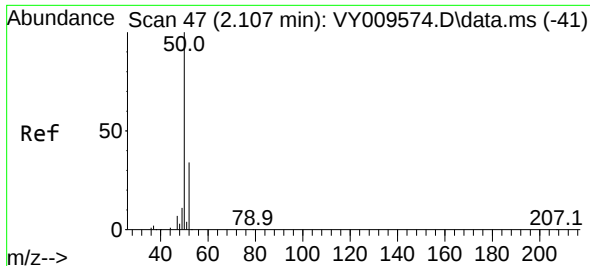
Tgt Ion:168 Resp: 212136
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 49.167 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 85 Resp: 91520
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

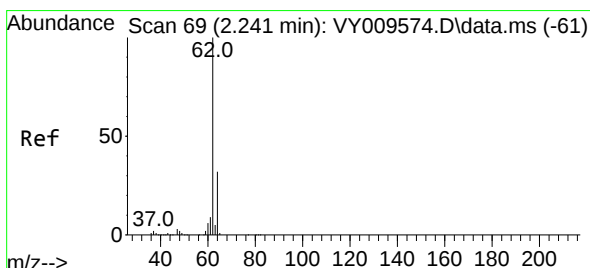
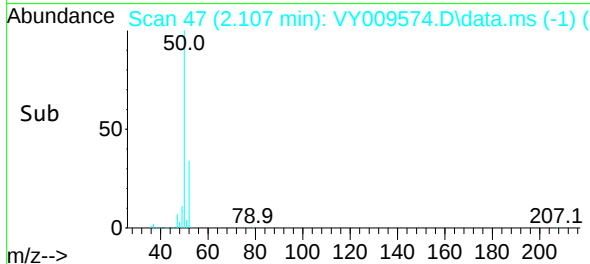
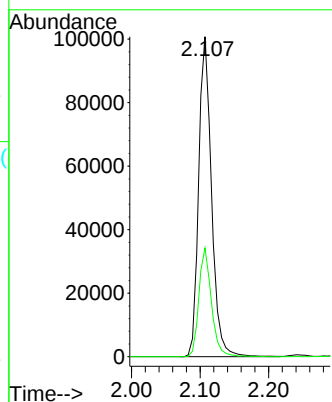
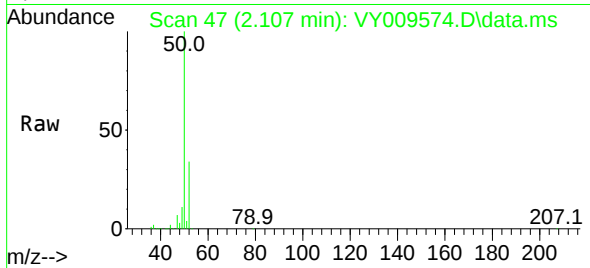




#3
Chloromethane
Concen: 47.754 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

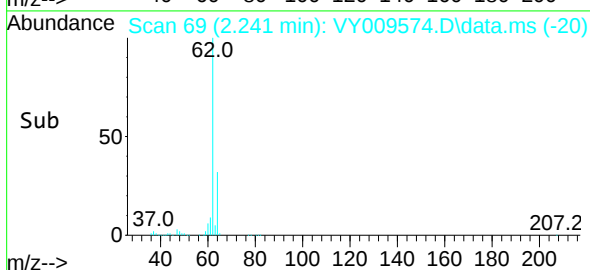
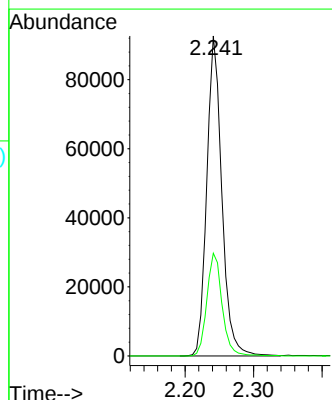
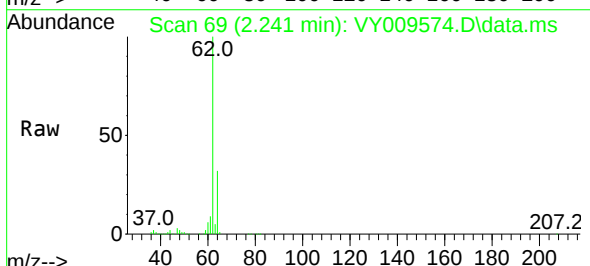
Instrument :
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ClientSampleId :
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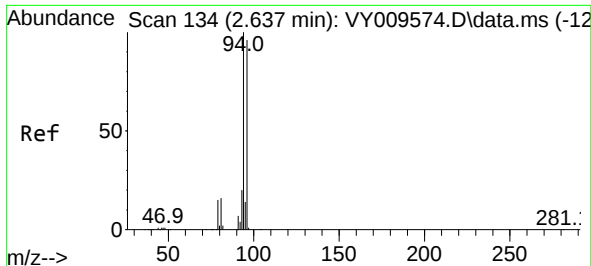
Tgt Ion: 50 Resp: 131728
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0



#4
Vinyl Chloride
Concen: 49.102 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 62 Resp: 141640
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

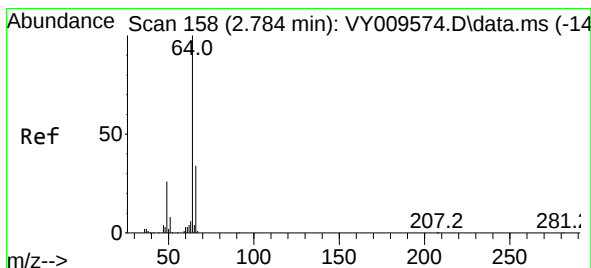
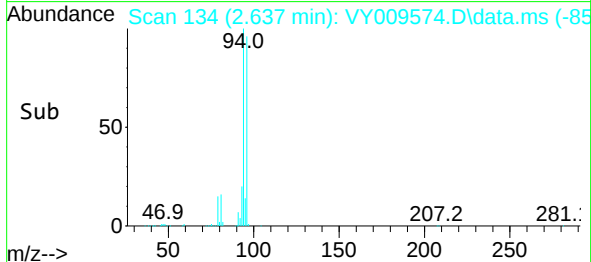
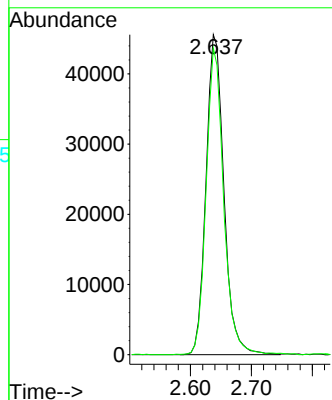
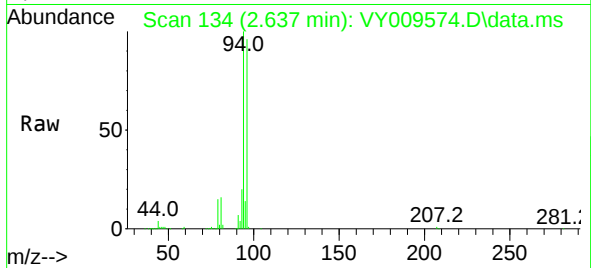




#5
Bromomethane
Concen: 47.631 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

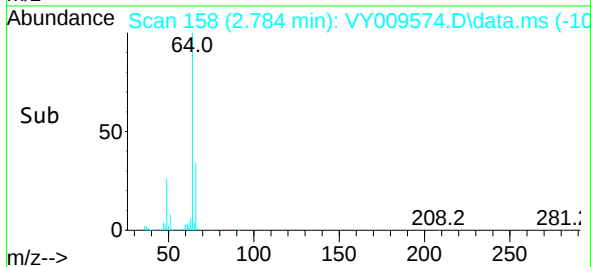
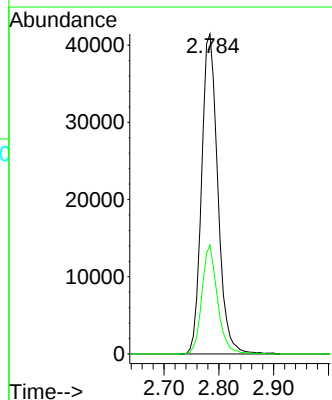
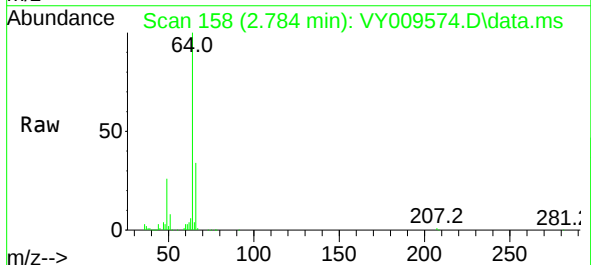
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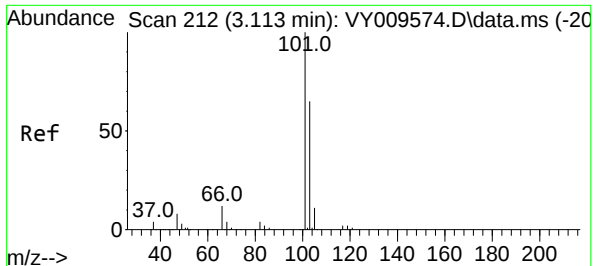
Tgt Ion: 94 Resp: 92996
Ion Ratio Lower Upper
94 100
96 95.7 73.5 110.3



#6
Chloroethane
Concen: 48.573 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 64 Resp: 85111
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.0

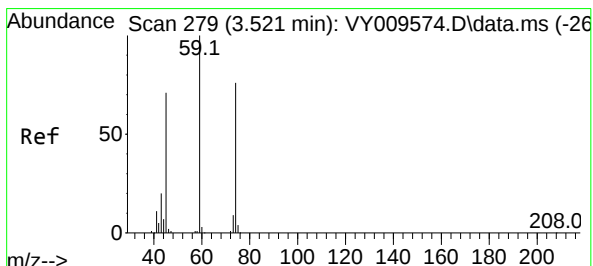
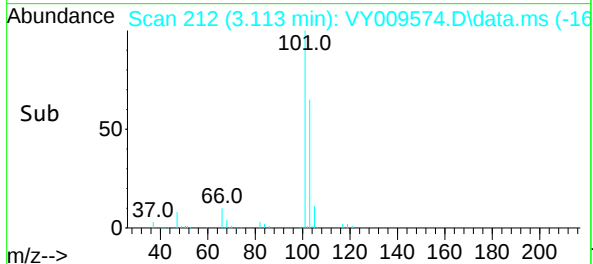
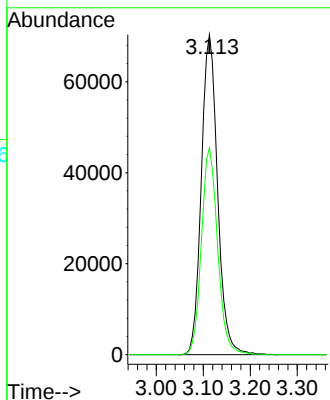
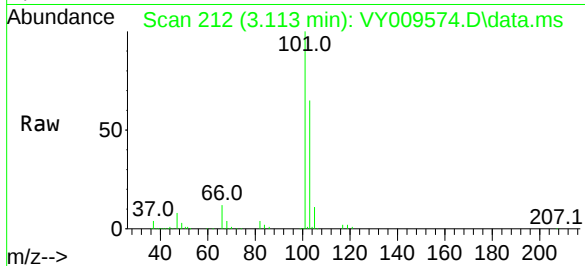




#7
 Trichlorofluoromethane
 Concen: 49.324 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009574.D
 Acq: 18 Jul 2022 15:40

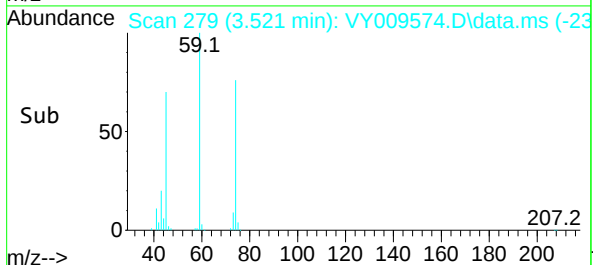
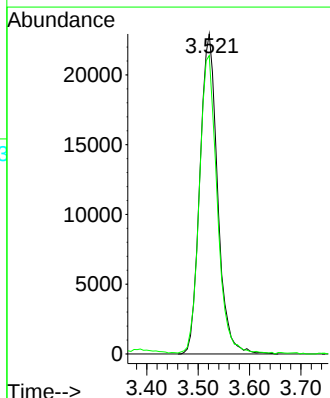
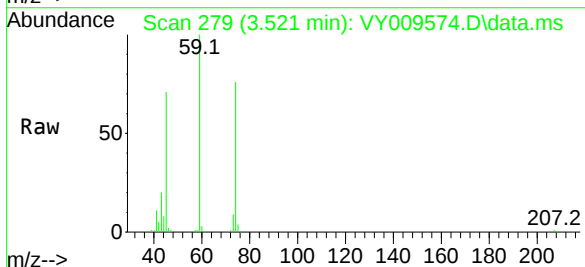
Instrument :
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 ClientSampleId :
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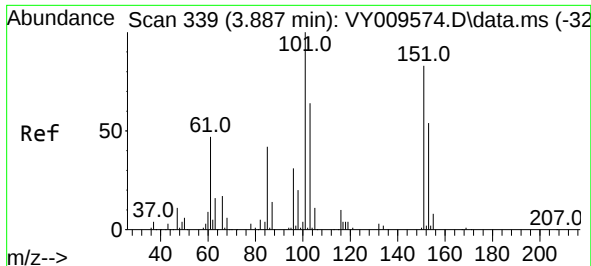
Tgt Ion:101 Resp: 168598
 Ion Ratio Lower Upper
 101 100
 103 64.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 48.974 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY009574.D
 Acq: 18 Jul 2022 15:40

Tgt Ion: 74 Resp: 54771
 Ion Ratio Lower Upper
 74 100
 45 94.5 55.1 165.5

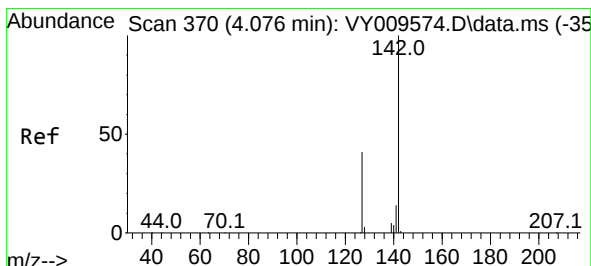
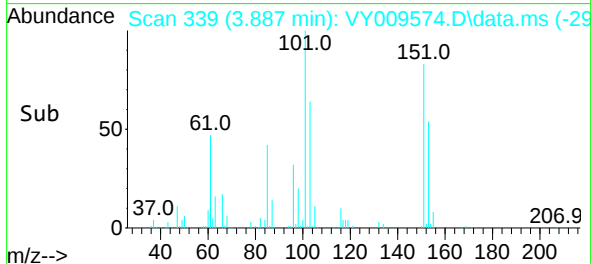
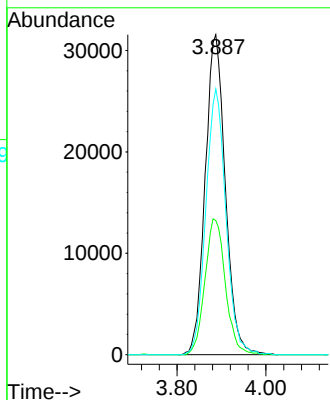
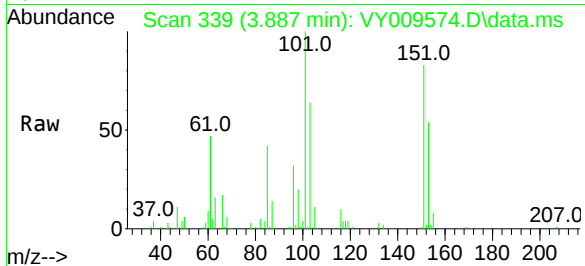




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.813 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009574.D
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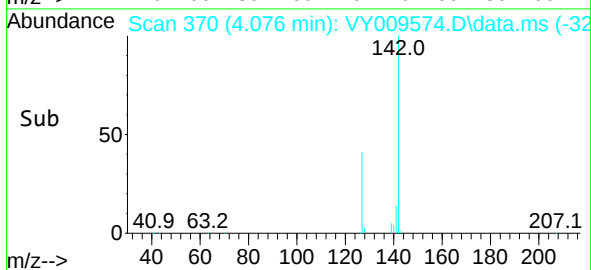
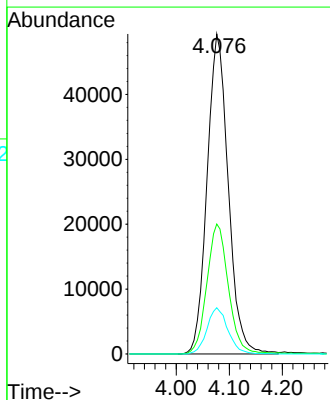
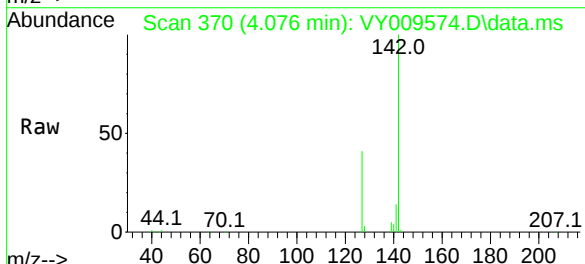
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

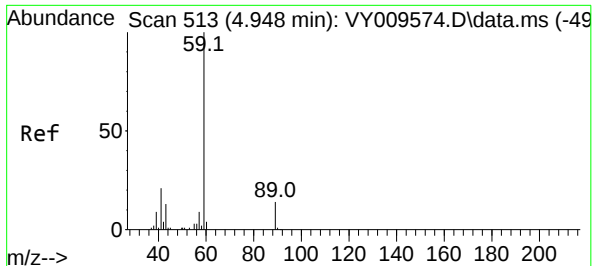
Tgt Ion:101 Resp: 99568
Ion Ratio Lower Upper
101 100
85 43.1 40.6 60.8
151 82.7 64.9 97.3



#10
Methyl Iodide
Concen: 51.445 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion:142 Resp: 136595
Ion Ratio Lower Upper
142 100
127 41.2 41.5 62.3#
141 14.4 11.9 17.9

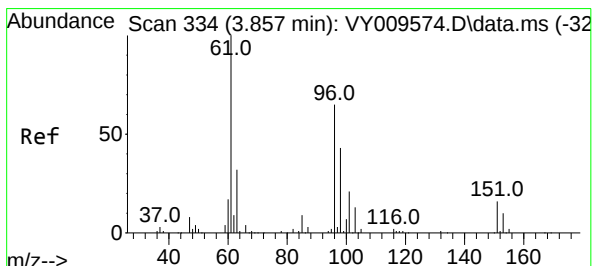
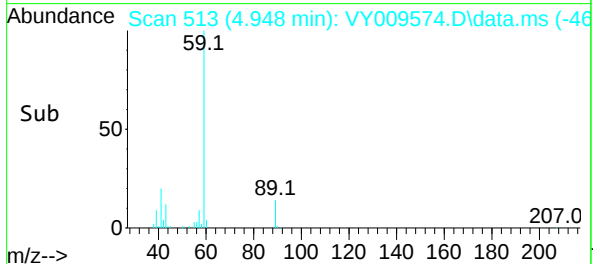
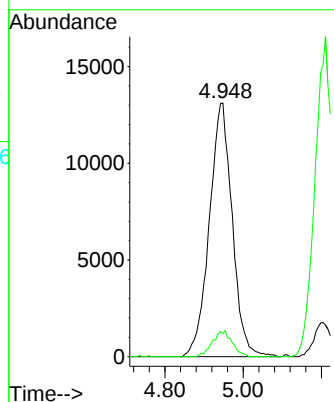
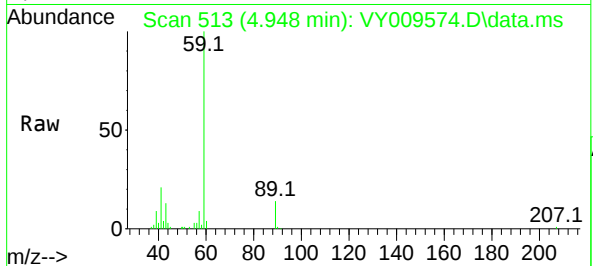




#11
Tert butyl alcohol
Concen: 225.198 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

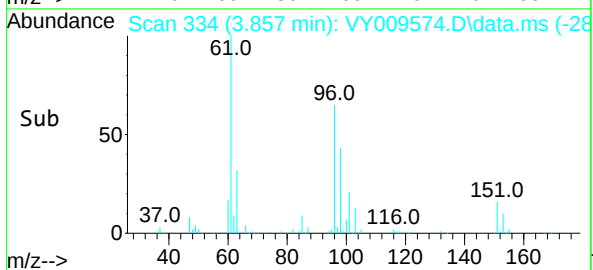
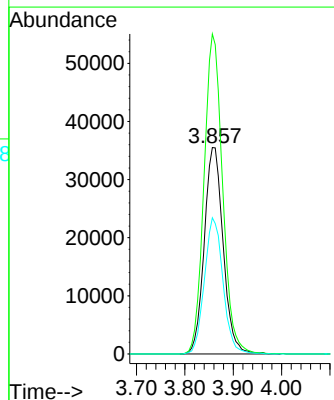
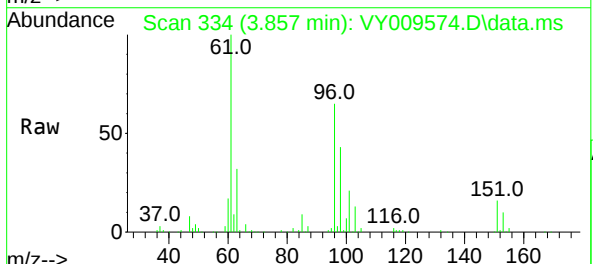
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

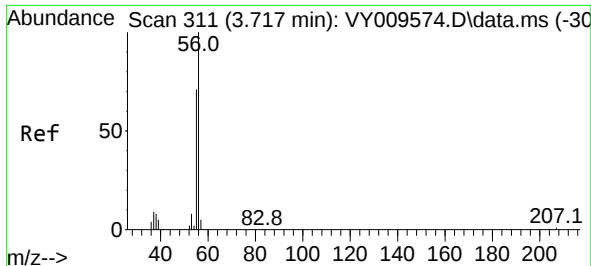
Tgt Ion: 59 Resp: 53226
Ion Ratio Lower Upper
59 100
57 8.8 6.4 9.6



#12
1,1-Dichloroethene
Concen: 49.469 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 96 Resp: 96505
Ion Ratio Lower Upper
96 100
61 155.0 145.8 218.6
98 65.9 52.5 78.7

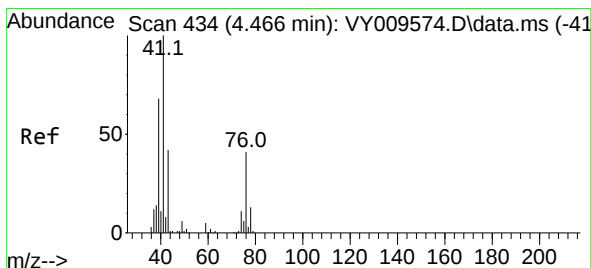
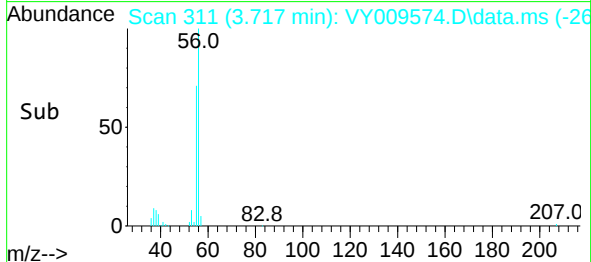
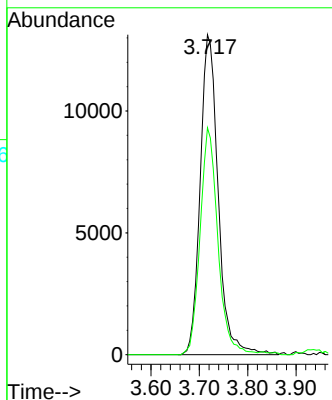
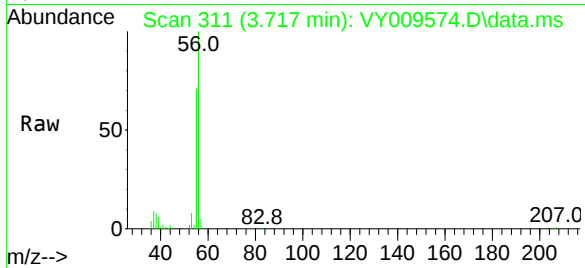




#13
Acrolein
Concen: 236.786 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

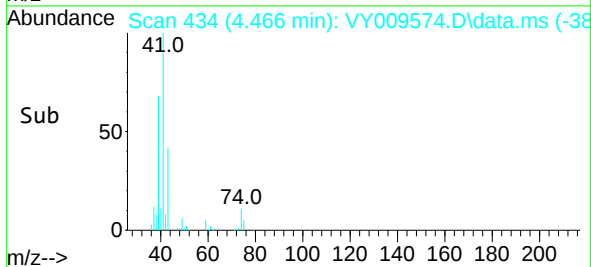
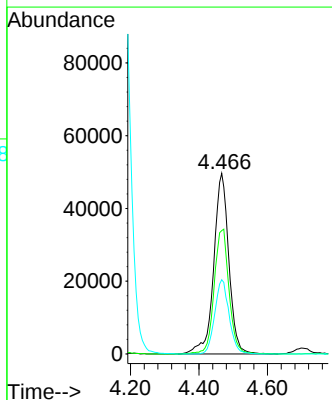
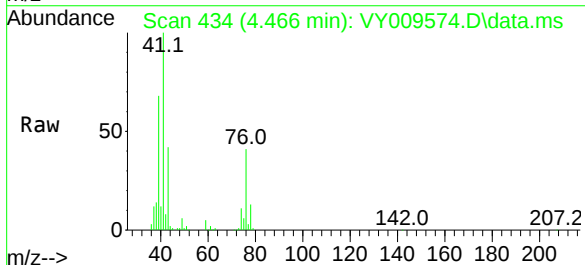
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

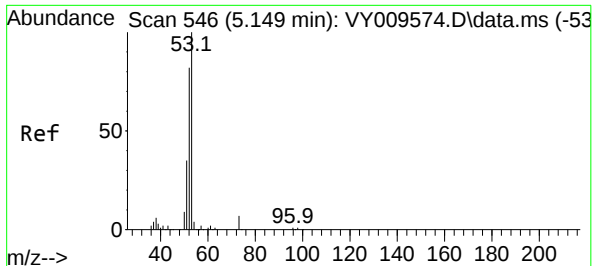
Tgt Ion: 56 Resp: 33963
Ion Ratio Lower Upper
56 100
55 70.0 57.6 86.4



#14
Allyl chloride
Concen: 50.371 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 41 Resp: 152009
Ion Ratio Lower Upper
41 100
39 67.9 58.8 88.2
76 38.8 25.1 37.7#

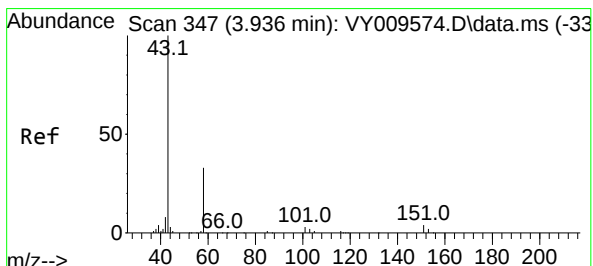
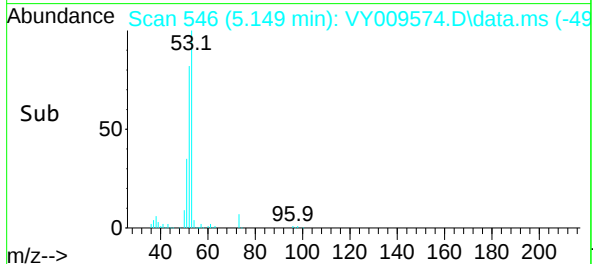
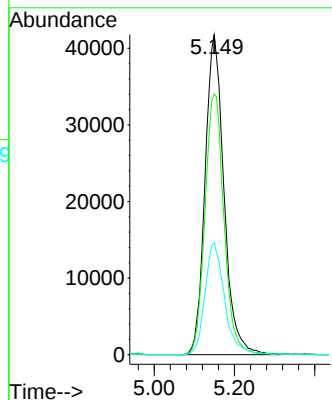
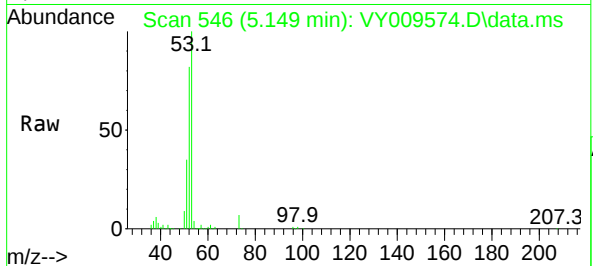




#15
Acrylonitrile
Concen: 247.541 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

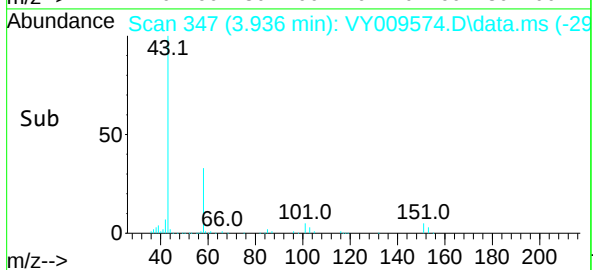
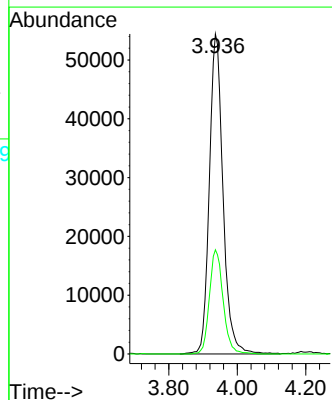
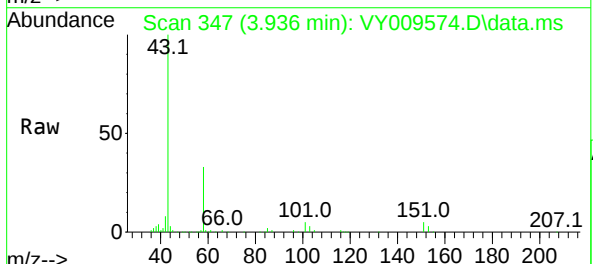
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

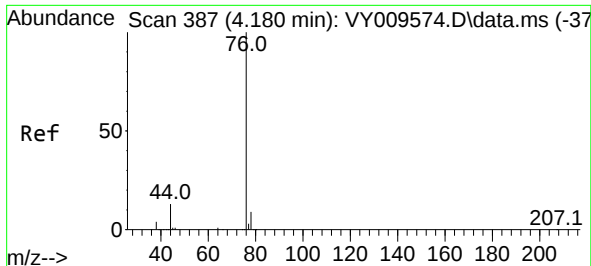
Tgt Ion: 53 Resp: 136729
Ion Ratio Lower Upper
53 100
52 82.0 67.0 100.4
51 36.3 29.8 44.6



#16
Acetone
Concen: 297.339 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 43 Resp: 150908
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0

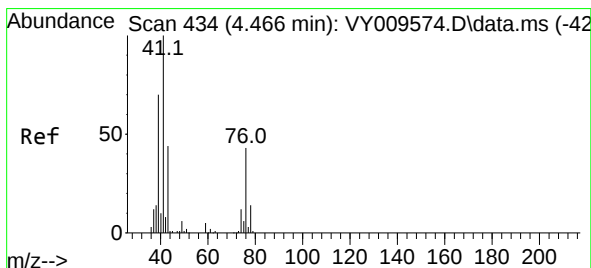
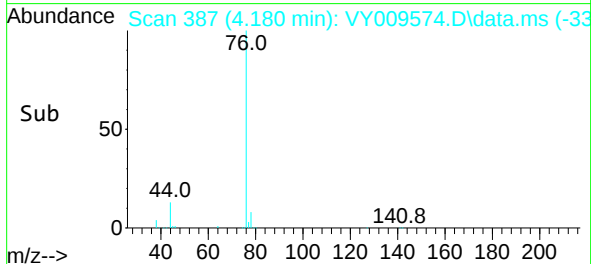
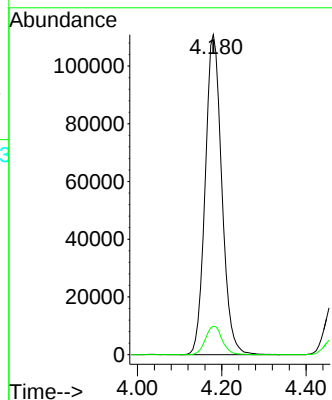
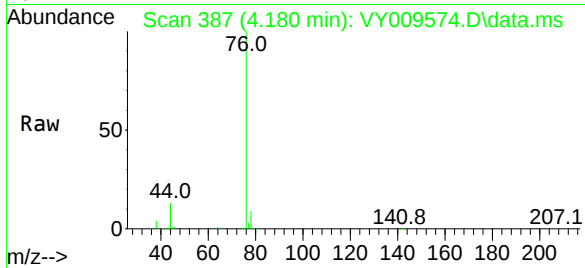




#17
Carbon Disulfide
Concen: 50.047 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

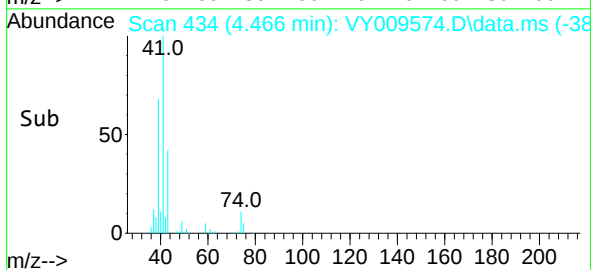
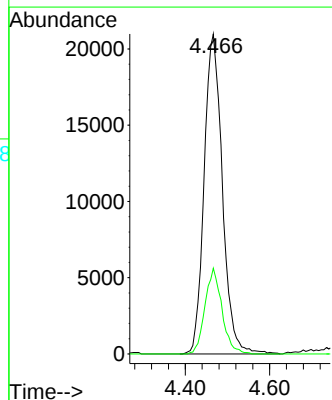
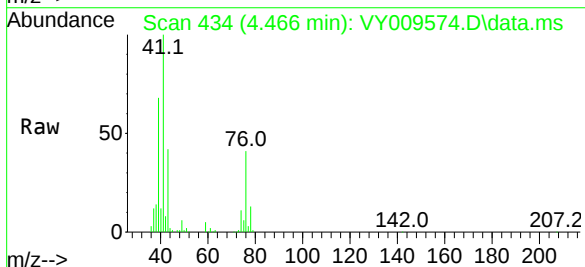
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

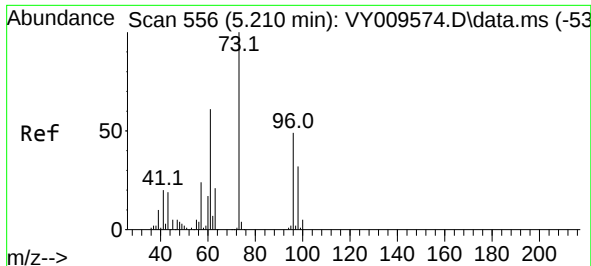
Tgt Ion: 76 Resp: 303514
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 44.338 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 43 Resp: 63166
Ion Ratio Lower Upper
43 100
74 24.9 16.6 24.8#

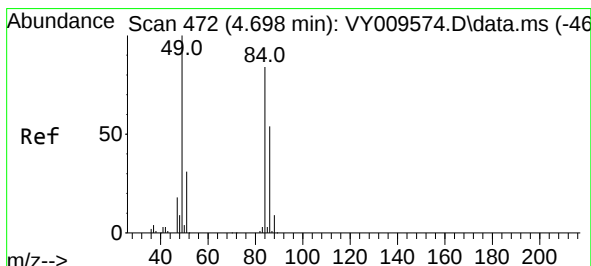
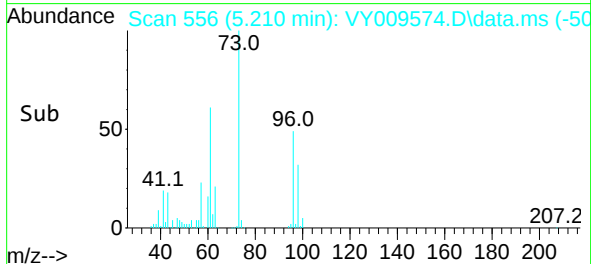
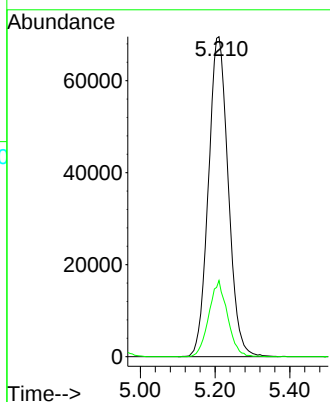
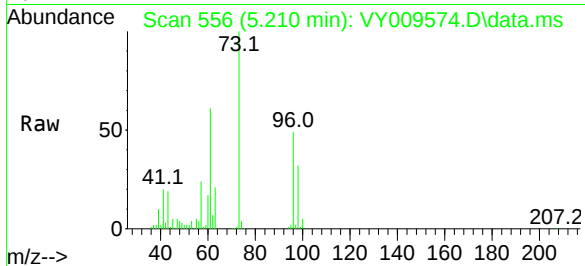




#19
Methyl tert-butyl Ether
Concen: 49.765 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

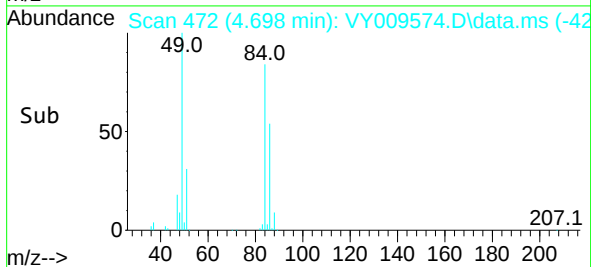
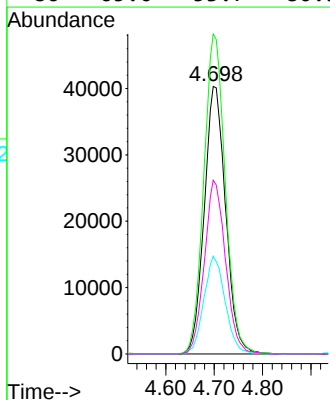
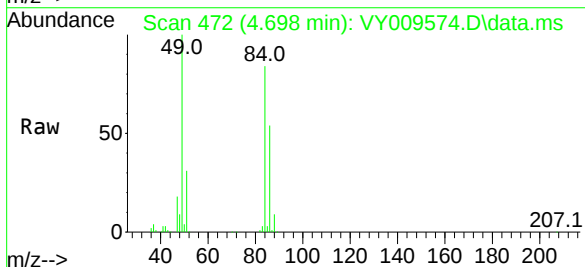
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

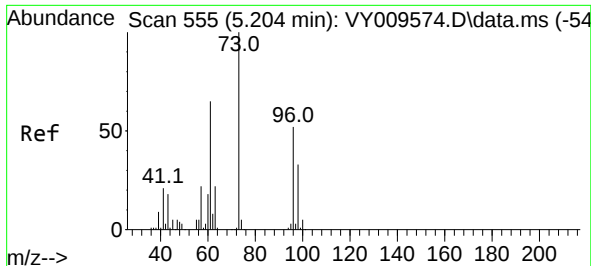
Tgt Ion: 73 Resp: 255866
Ion Ratio Lower Upper
73 100
57 23.8 18.6 27.8



#20
Methylene Chloride
Concen: 34.183 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 84 Resp: 124059
Ion Ratio Lower Upper
84 100
49 119.6 114.4 171.6
51 36.5 35.3 52.9
86 65.0 53.7 80.5

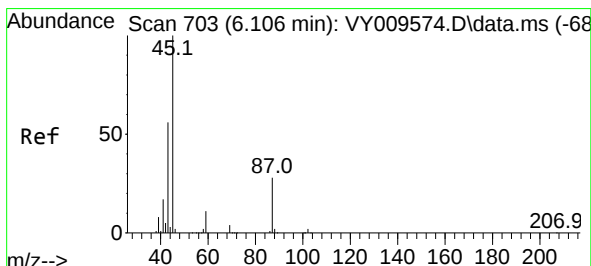
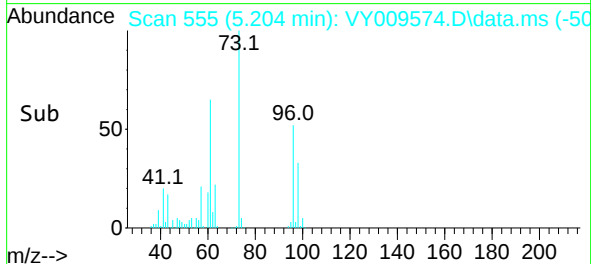
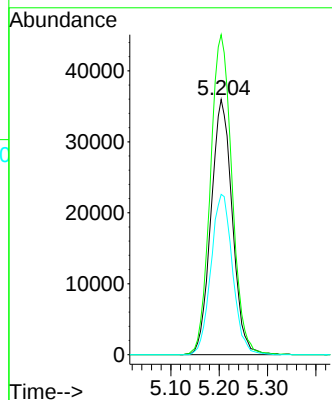
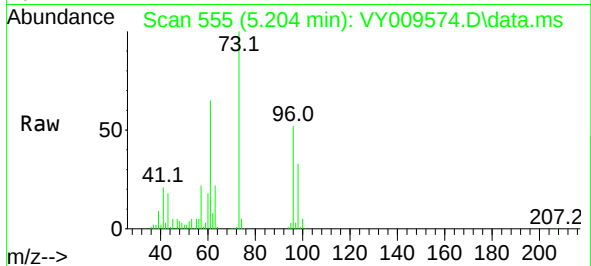




#21
trans-1,2-Dichloroethene
Concen: 49.777 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

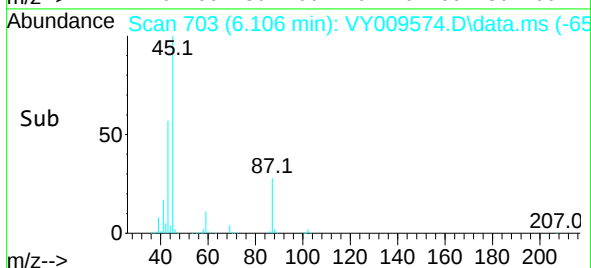
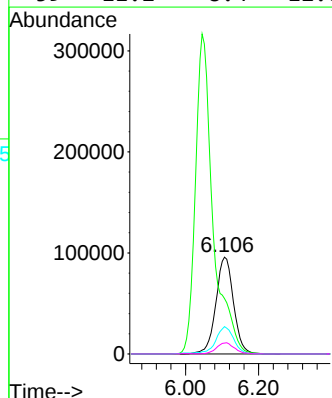
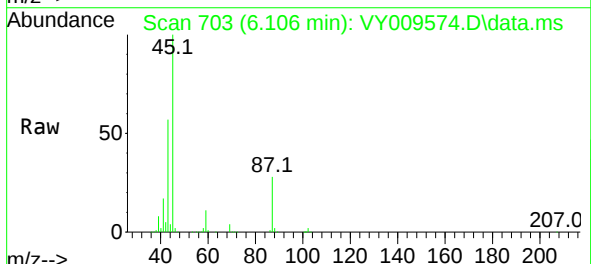
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

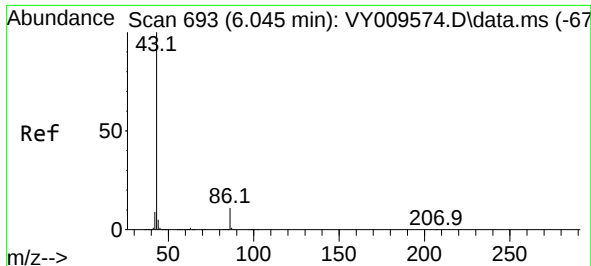
Tgt Ion: 96 Resp: 109907
Ion Ratio Lower Upper
96 100
61 125.4 120.5 180.7
98 62.8 49.8 74.8



#22
Diisopropyl ether
Concen: 49.979 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 45 Resp: 322068
Ion Ratio Lower Upper
45 100
43 57.0 49.3 73.9
87 28.3 19.2 28.8
59 11.2 8.4 12.6

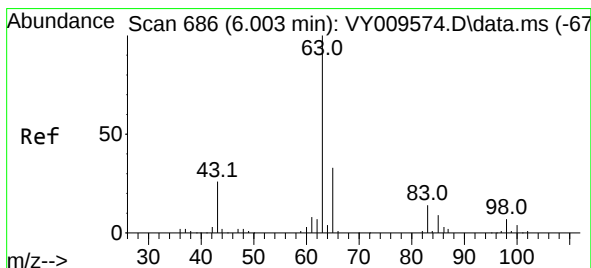
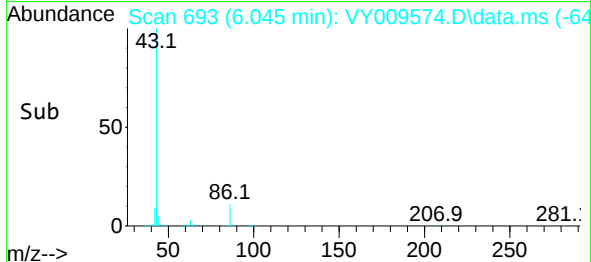
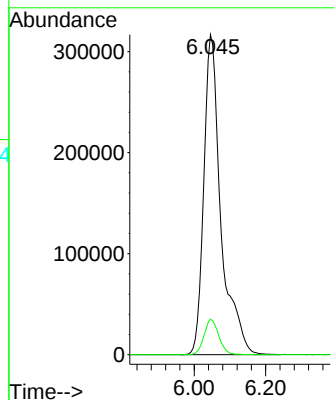
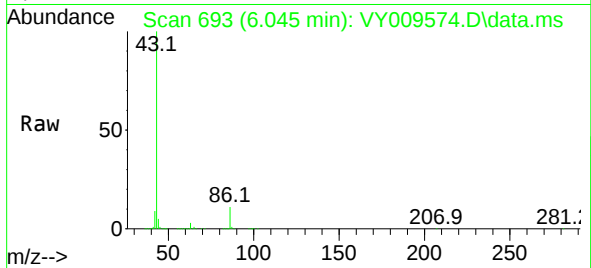




#23
 Vinyl Acetate
 Concen: 259.236 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009574.D
 Acq: 18 Jul 2022 15:40

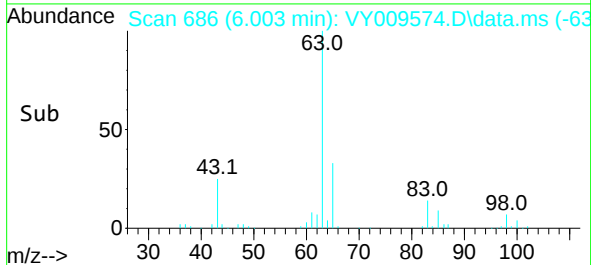
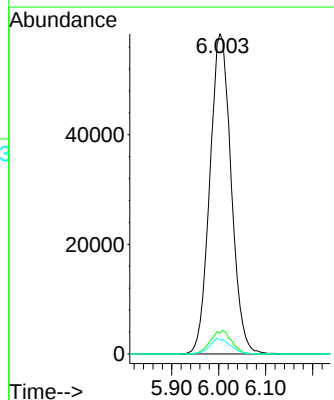
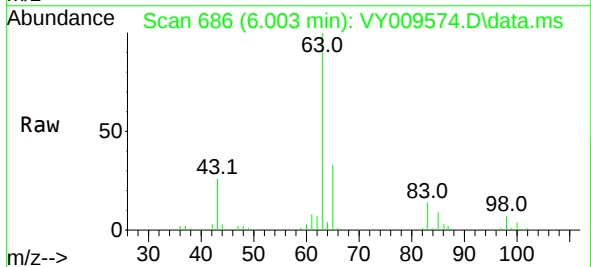
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

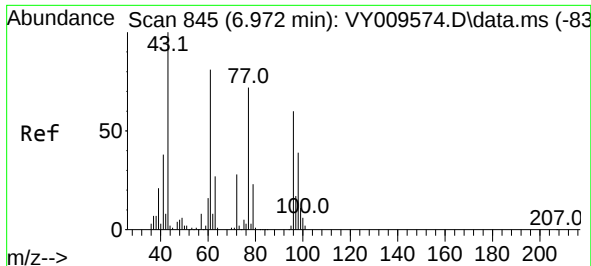
Tgt Ion: 43 Resp: 1054005
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.506 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009574.D
 Acq: 18 Jul 2022 15:40

Tgt Ion: 63 Resp: 184258
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.2 2.0 5.8

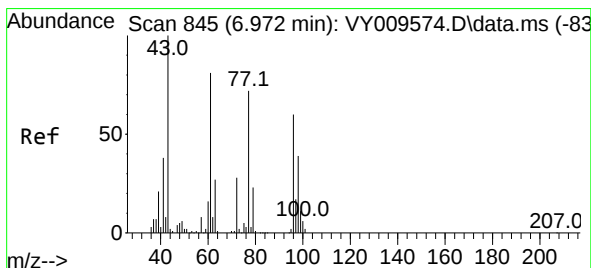
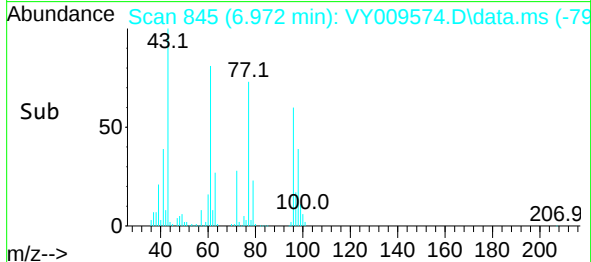
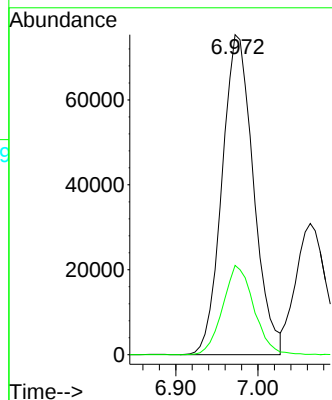
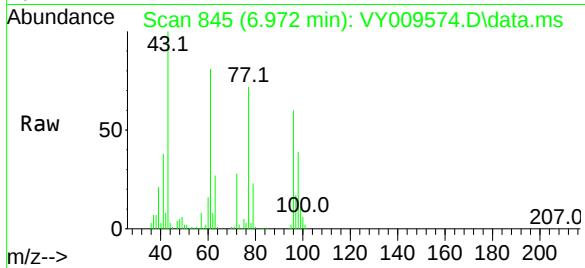




#25
2-Butanone
Concen: 270.233 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

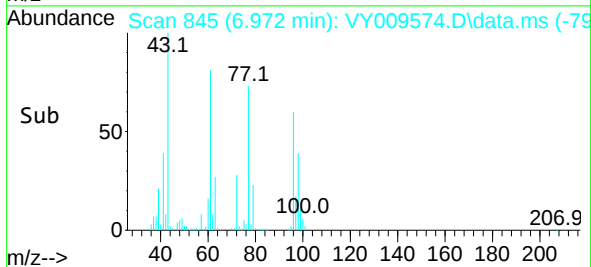
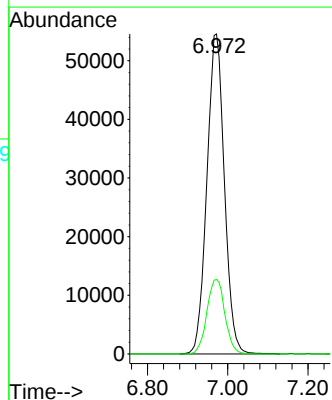
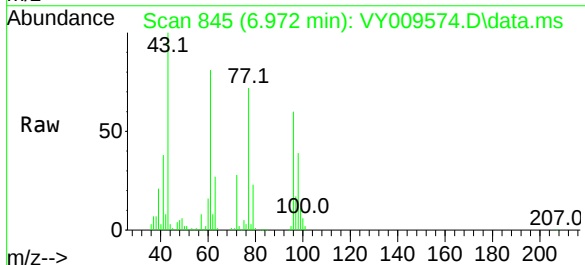
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

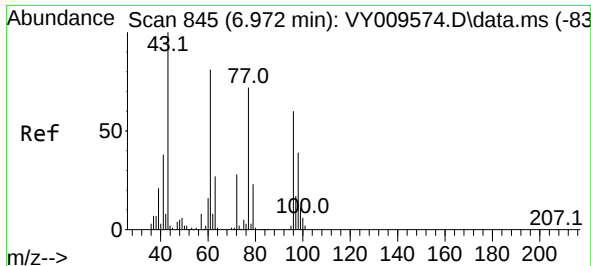
Tgt Ion: 43 Resp: 200060
Ion Ratio Lower Upper
43 100
72 27.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 49.509 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 77 Resp: 165075
Ion Ratio Lower Upper
77 100
97 23.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.156 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

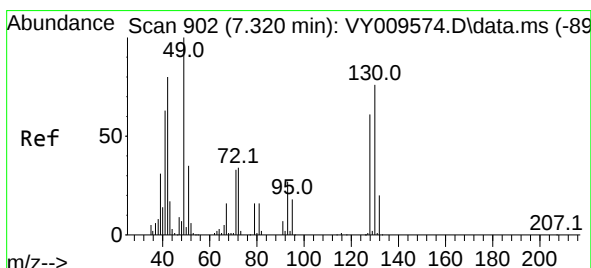
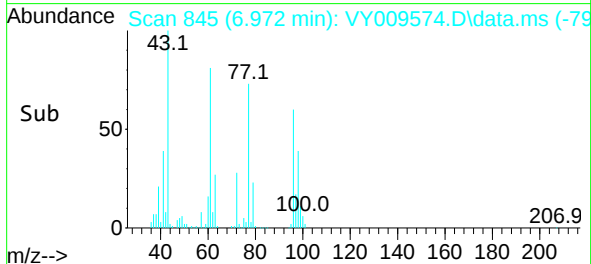
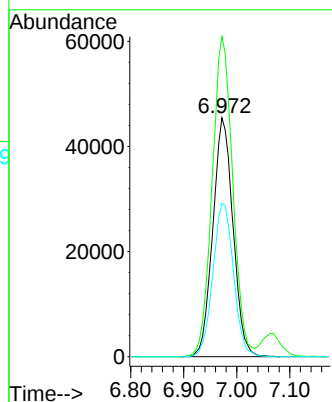
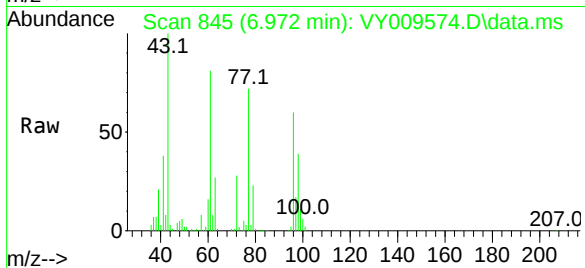
Tgt Ion: 96 Resp: 120000

Ion Ratio Lower Upper

96 100

61 136.9 0.0 319.8

98 65.7 0.0 127.0



#28

Bromochloromethane

Concen: 52.530 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

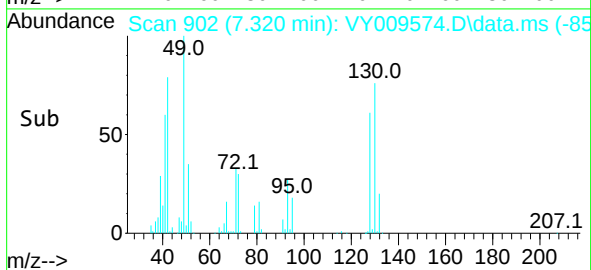
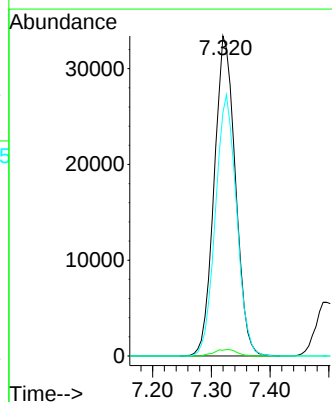
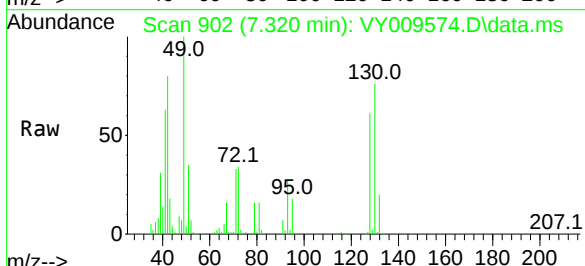
Tgt Ion: 49 Resp: 83770

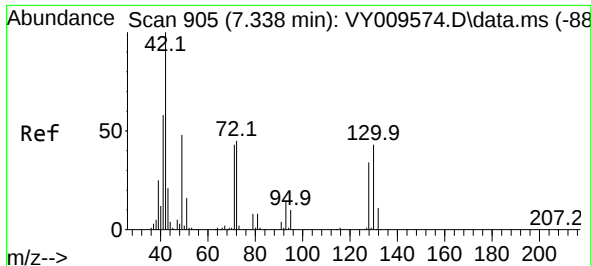
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 81.4 55.4 83.0





#29

Tetrahydrofuran

Concen: 251.079 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

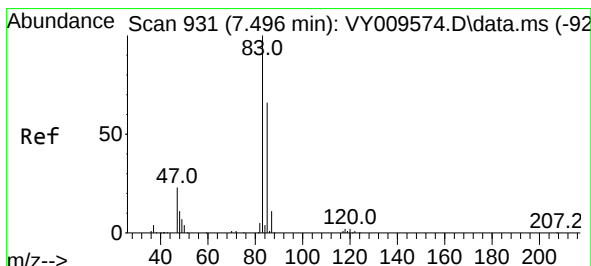
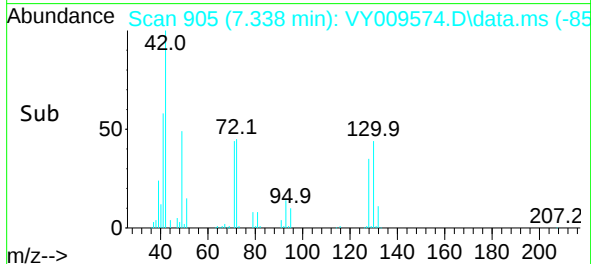
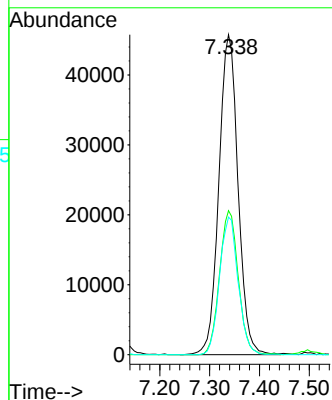
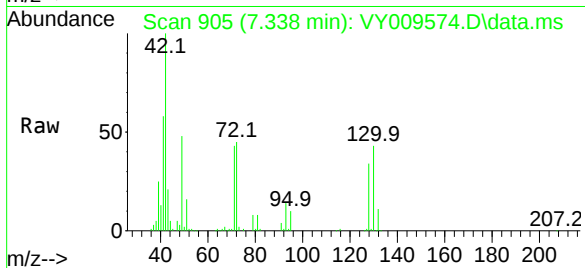
Tgt Ion: 42 Resp: 122038

Ion Ratio Lower Upper

42 100

72 44.0 30.3 45.5

71 41.7 29.0 43.4



#30

Chloroform

Concen: 48.483 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009574.D

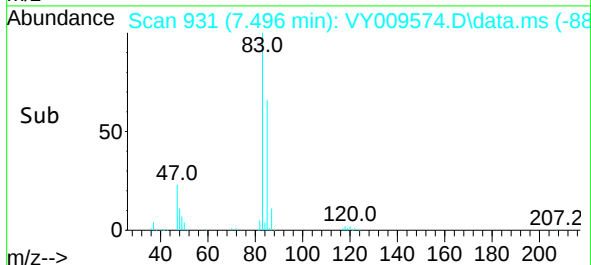
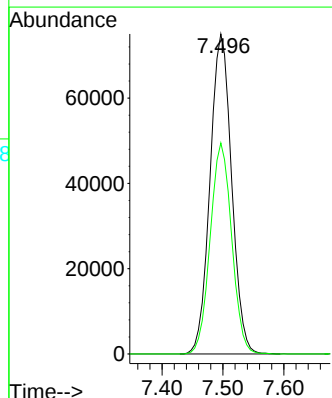
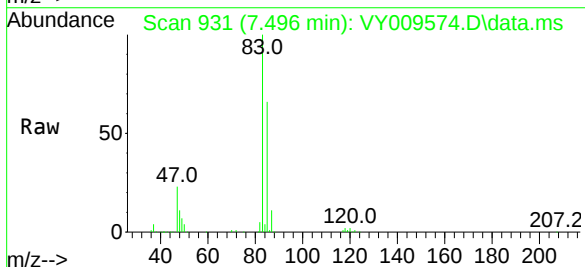
Acq: 18 Jul 2022 15:40

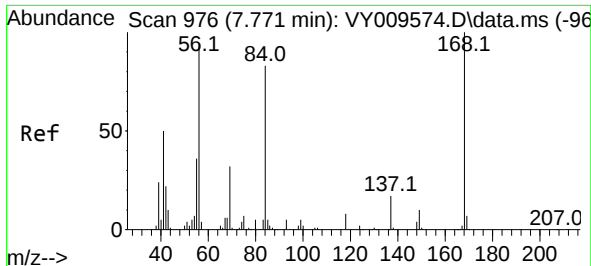
Tgt Ion: 83 Resp: 184593

Ion Ratio Lower Upper

83 100

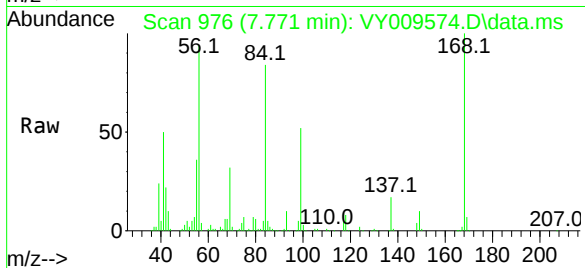
85 65.9 51.8 77.6



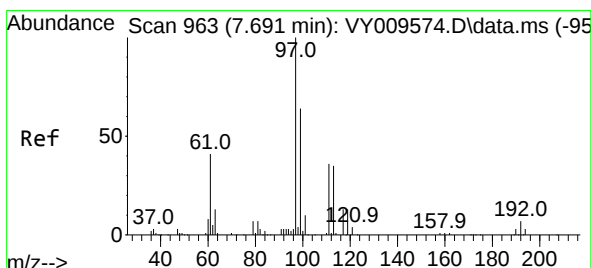
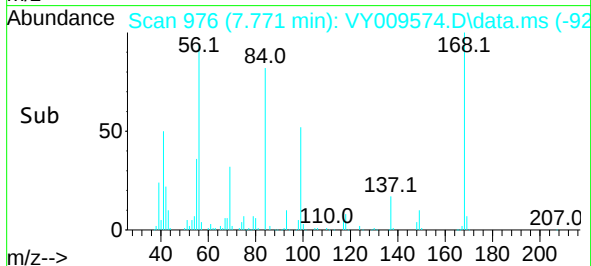
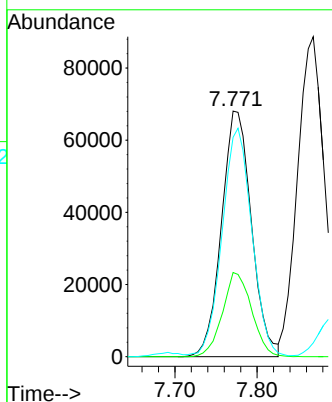


#31
Cyclohexane
Concen: 48.788 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

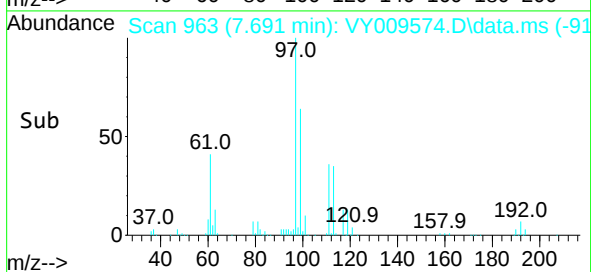
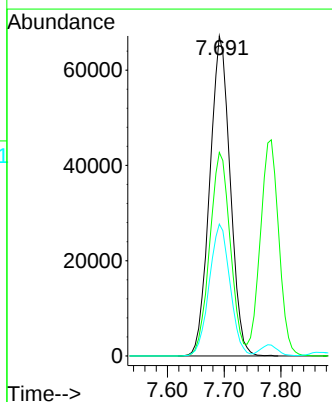
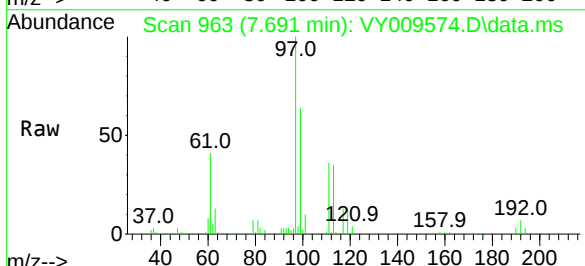


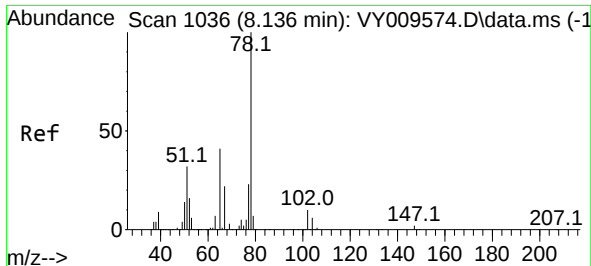
Tgt Ion: 56 Resp: 172596
Ion Ratio Lower Upper
56 100
69 34.2 26.7 40.1
84 87.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.265 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 97 Resp: 168243
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 41.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.770 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

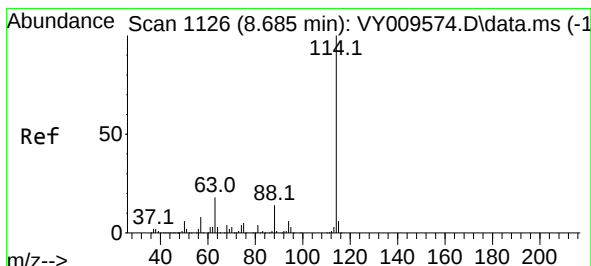
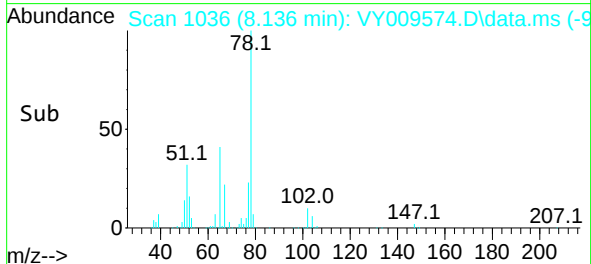
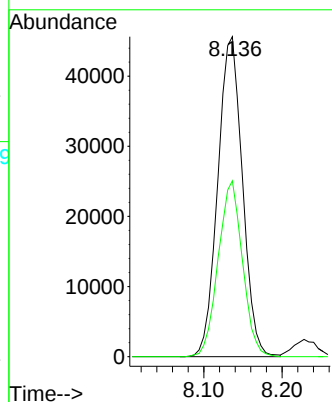
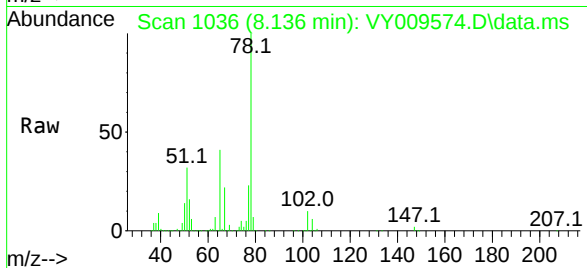
VSTDICCC050

Tgt Ion: 65 Resp: 99852

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

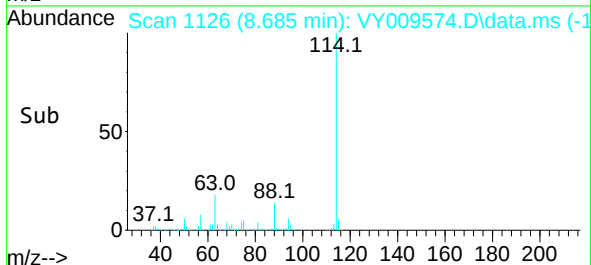
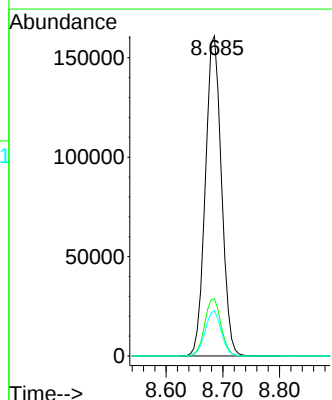
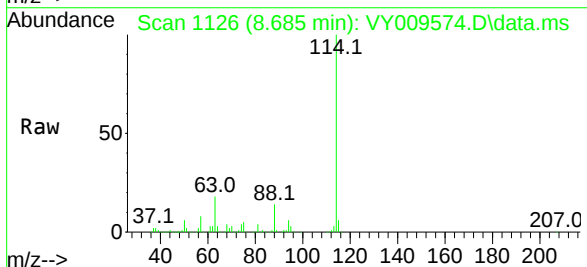
Tgt Ion: 114 Resp: 317049

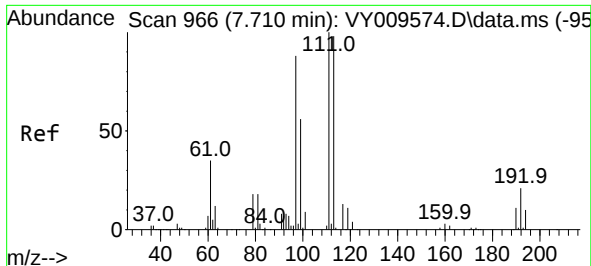
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.2 0.0 31.8

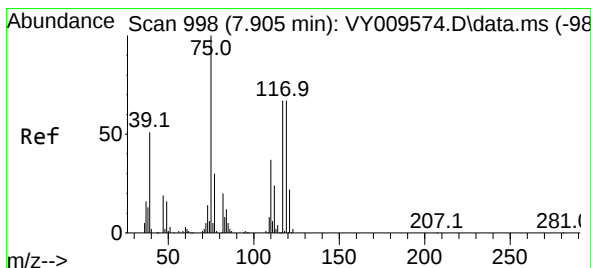
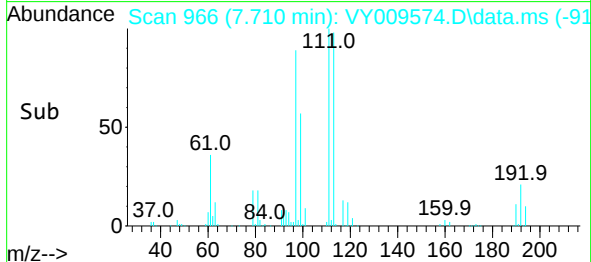
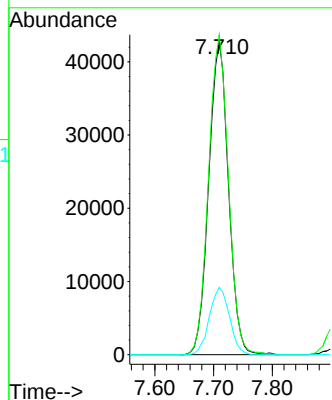
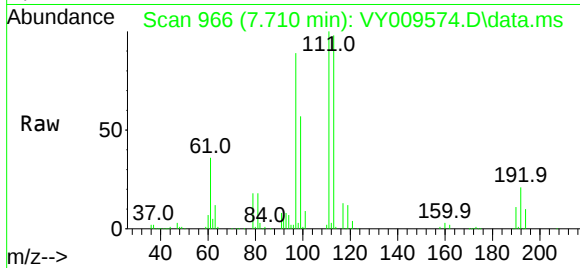




#35
Dibromofluoromethane
Concen: 50.046 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

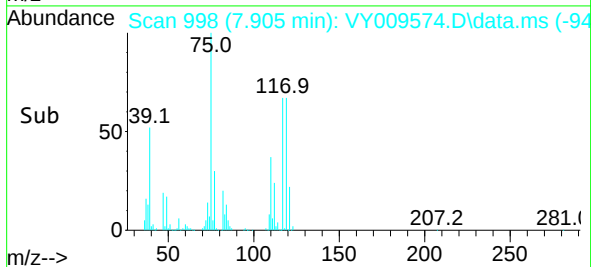
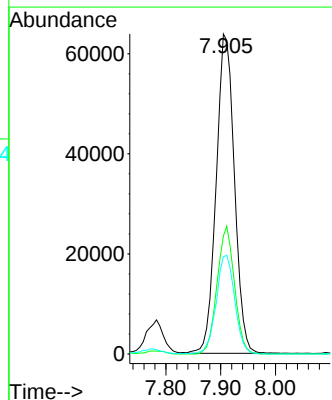
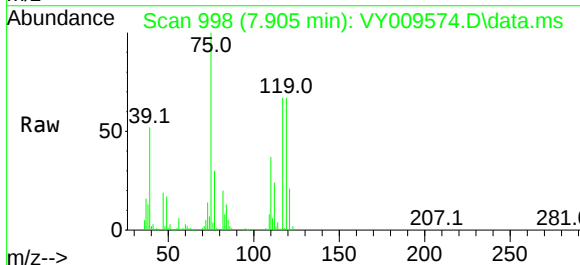
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

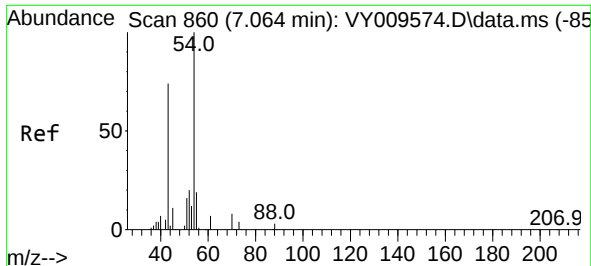
Tgt Ion:113 Resp: 99961
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.061 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 75 Resp: 147761
Ion Ratio Lower Upper
75 100
110 38.0 17.1 51.2
77 31.4 24.4 36.6

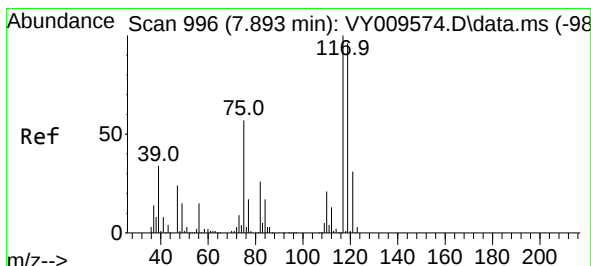
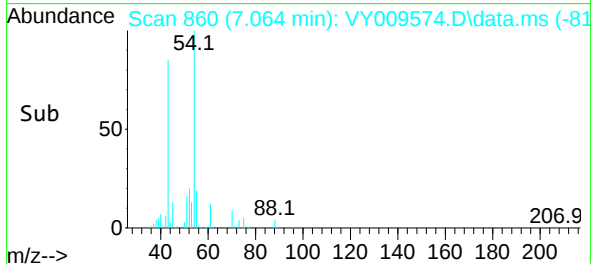
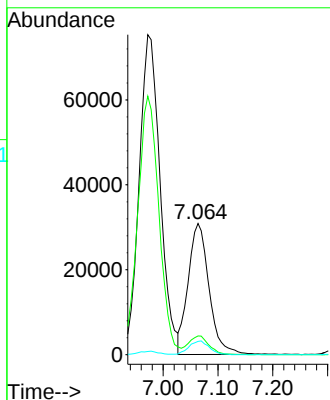
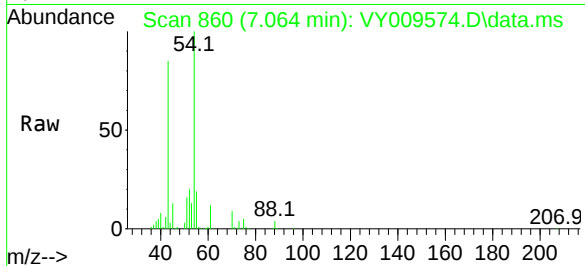




#37
Ethyl Acetate
Concen: 49.858 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

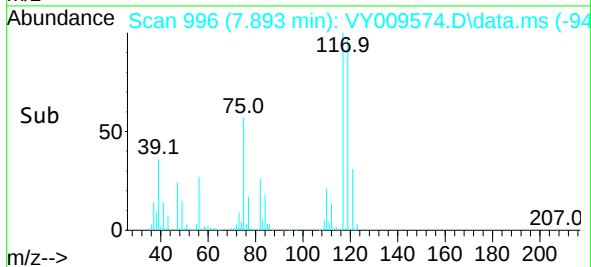
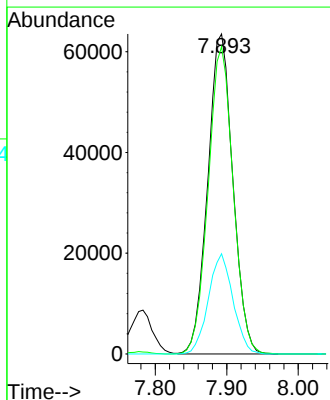
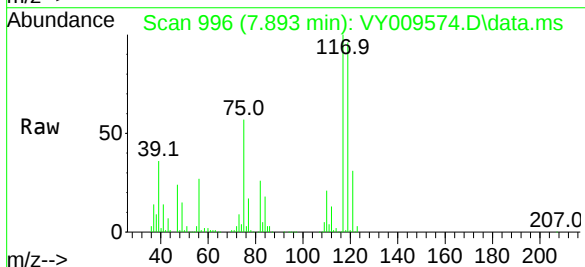
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

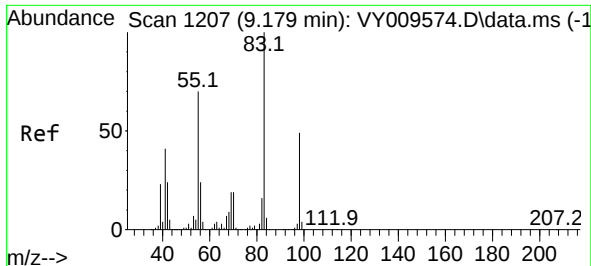
Tgt Ion: 43 Resp: 81905
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.129 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 117 Resp: 154887
Ion Ratio Lower Upper
117 100
119 96.0 77.9 116.9
121 31.3 24.8 37.2





#39

Methylcyclohexane

Concen: 51.331 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

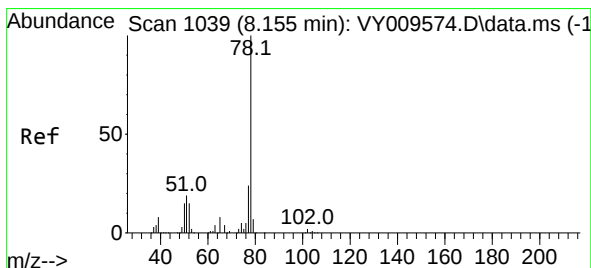
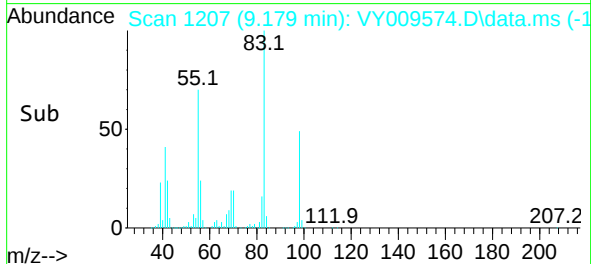
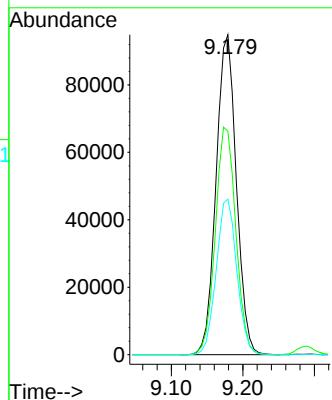
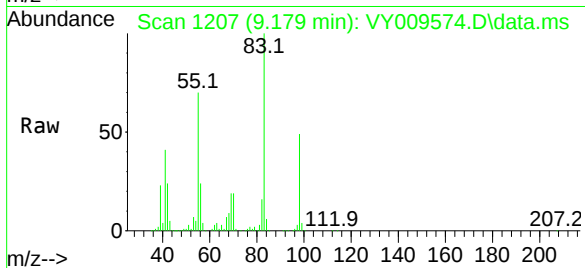
Tgt Ion: 83 Resp: 186814

Ion Ratio Lower Upper

83 100

55 69.8 66.5 99.7

98 48.6 37.9 56.9



#40

Benzene

Concen: 49.280 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009574.D

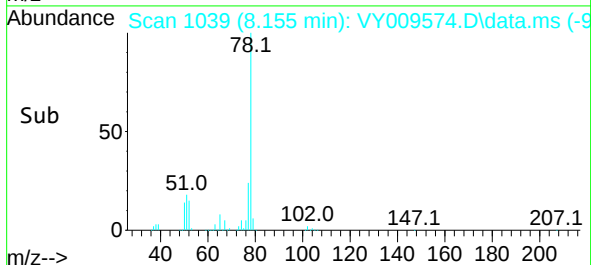
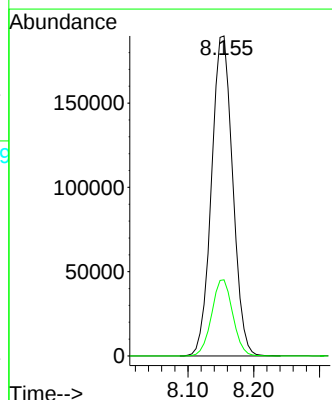
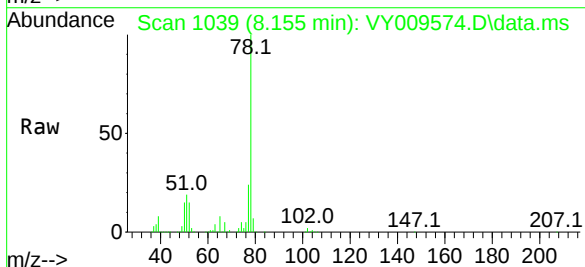
Acq: 18 Jul 2022 15:40

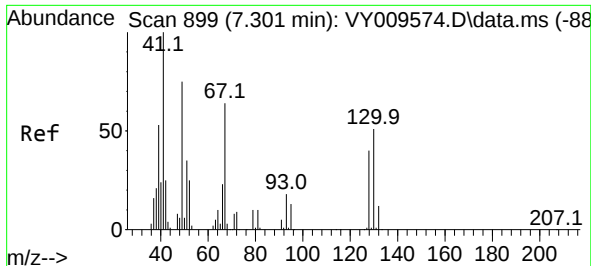
Tgt Ion: 78 Resp: 425616

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

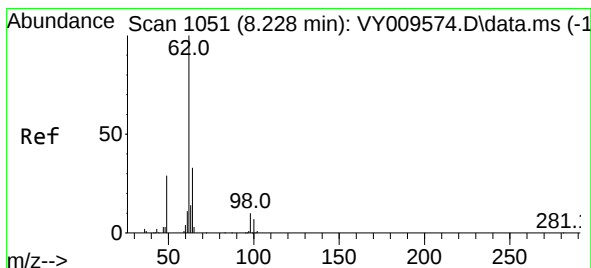
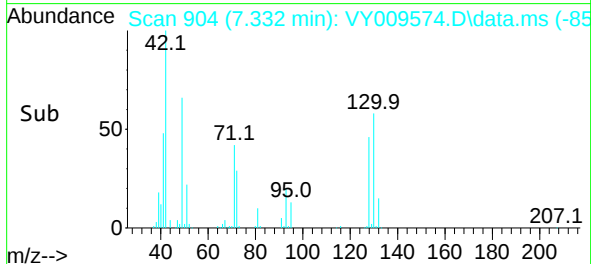
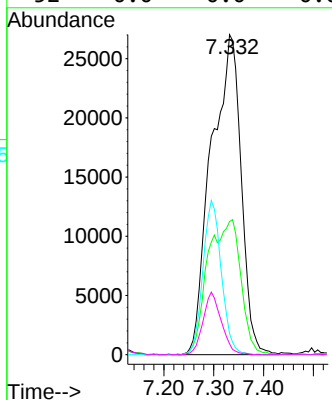
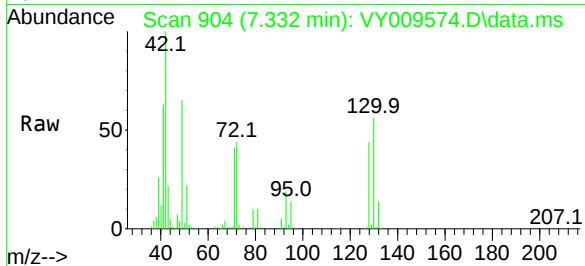




#41
Methacrylonitrile
Concen: 137.422 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

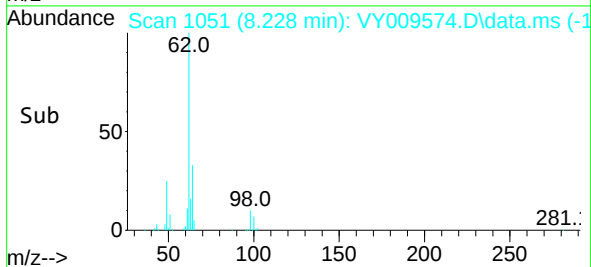
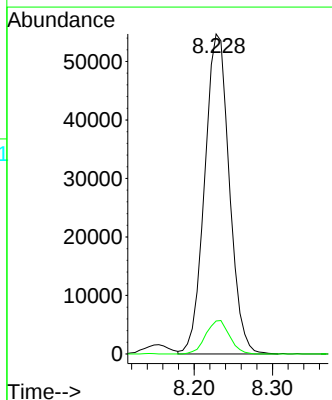
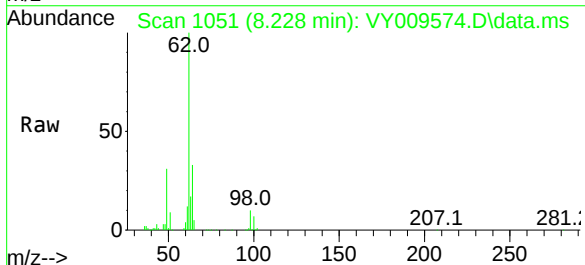
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

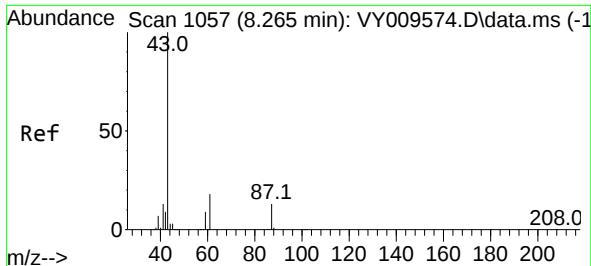
Tgt Ion: 41 Resp: 111888
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.358 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 62 Resp: 119586
Ion Ratio Lower Upper
62 100
98 10.0 0.0 14.8

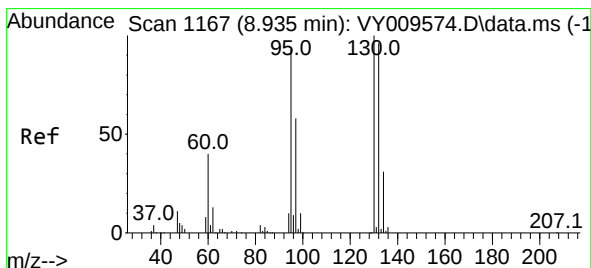
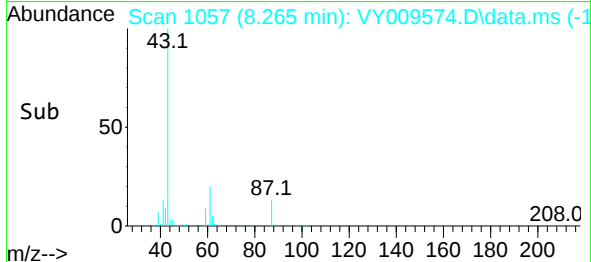
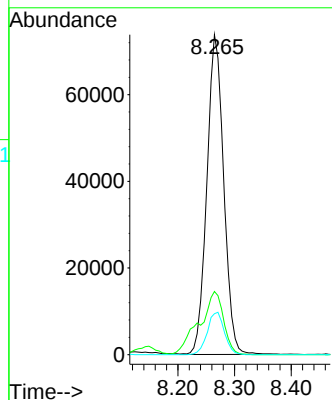
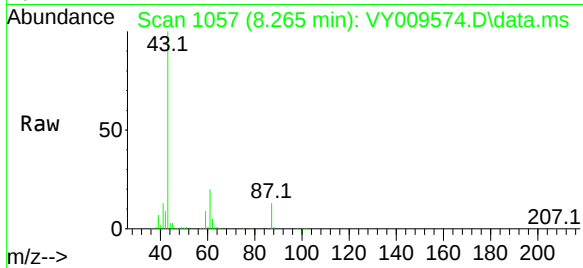




#43
Isopropyl Acetate
Concen: 50.583 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

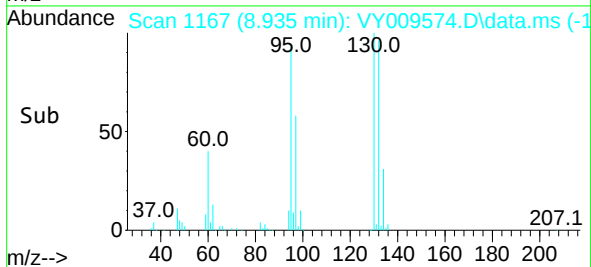
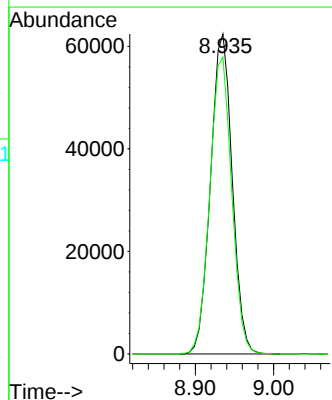
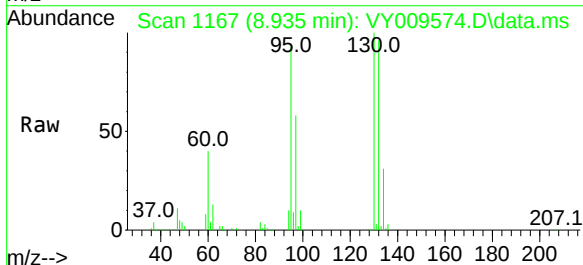
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

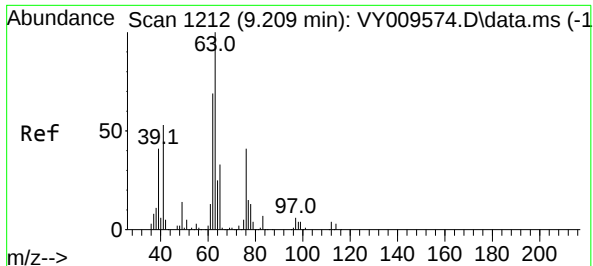
Tgt Ion: 43 Resp: 152261
Ion Ratio Lower Upper
43 100
61 28.5 20.2 30.2
87 13.5 8.9 13.3#



#44
Trichloroethene
Concen: 48.892 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion:130 Resp: 120092
Ion Ratio Lower Upper
130 100
95 92.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.463 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

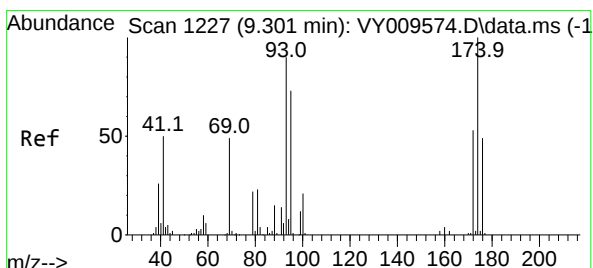
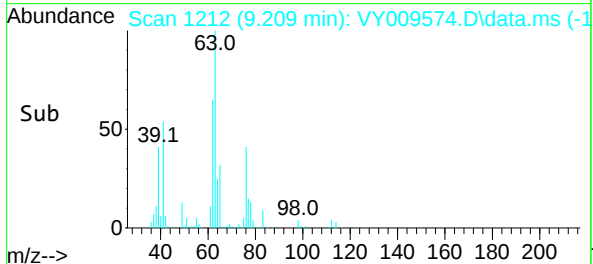
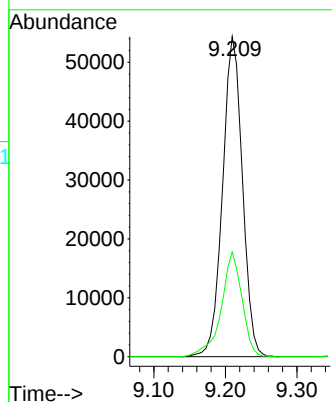
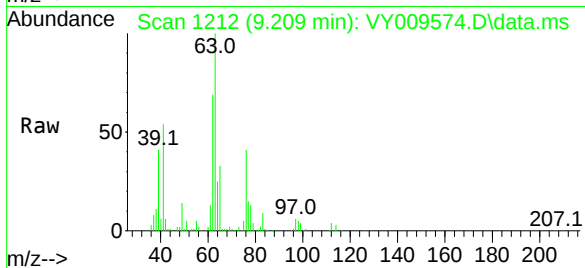
VSTDICCC050

Tgt Ion: 63 Resp: 104809

Ion Ratio Lower Upper

63 100

65 32.8 23.0 34.6



#46

Dibromomethane

Concen: 49.822 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

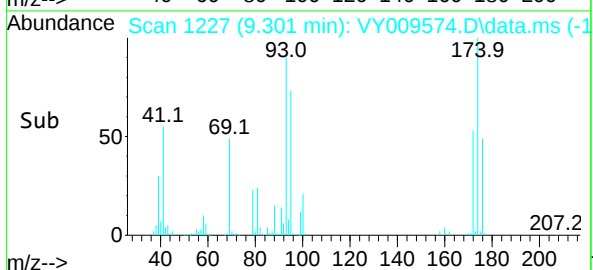
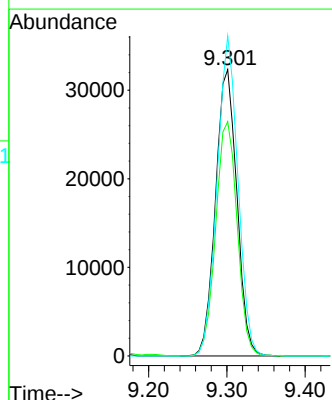
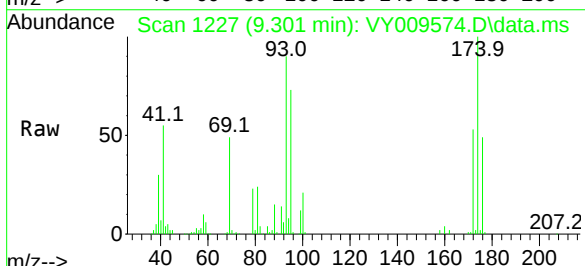
Tgt Ion: 93 Resp: 61314

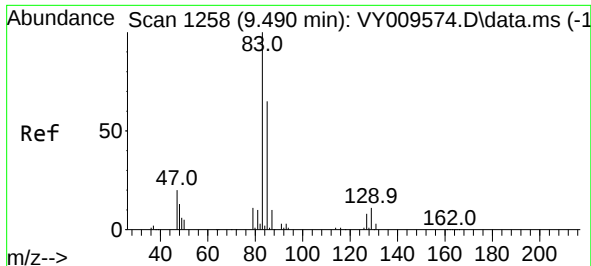
Ion Ratio Lower Upper

93 100

95 82.3 64.3 96.5

174 108.9 83.4 125.0

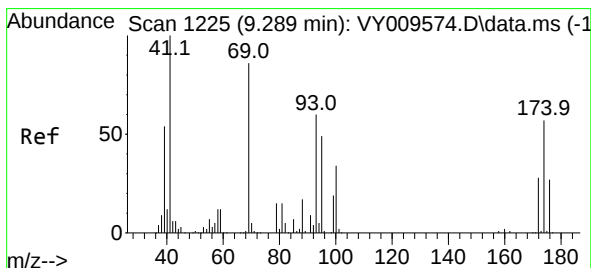
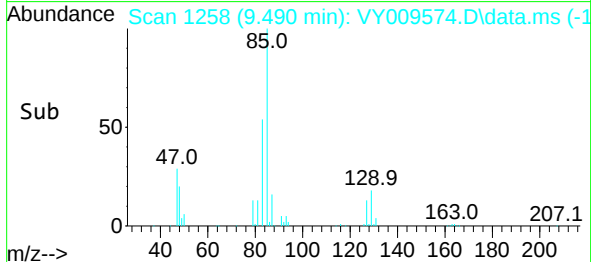
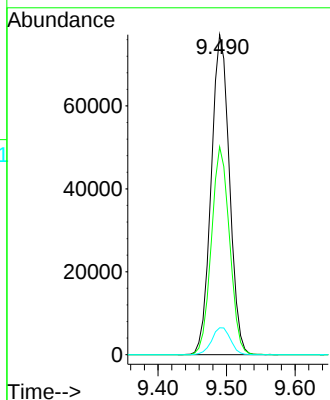
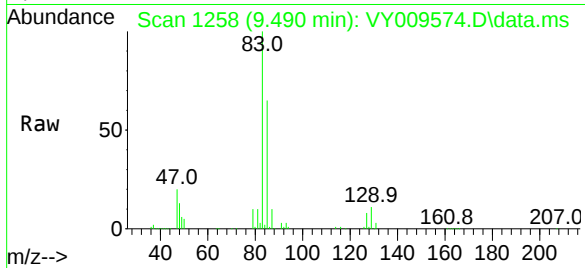




#47
Bromodichloromethane
Concen: 49.486 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

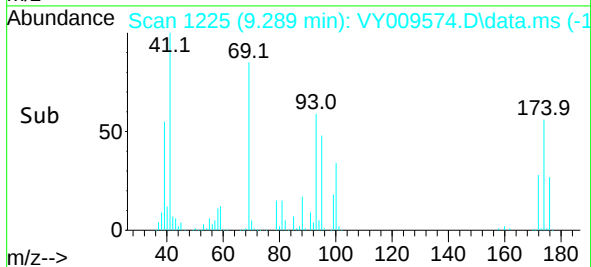
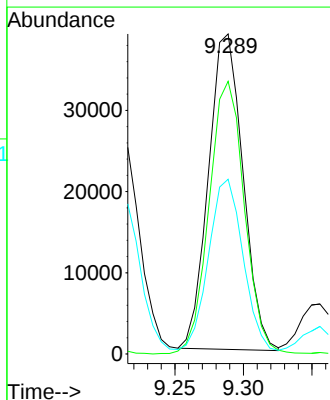
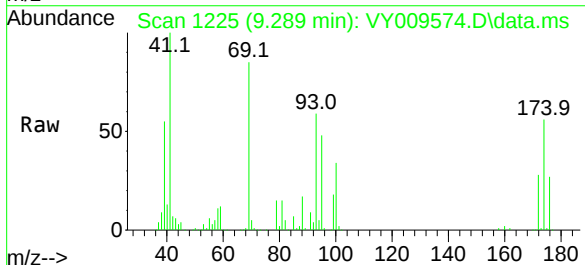
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

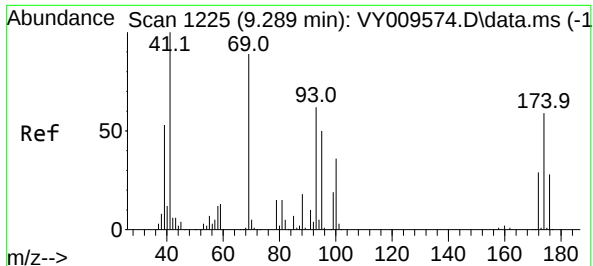
Tgt Ion: 83 Resp: 142803
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 51.175 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 41 Resp: 68059
Ion Ratio Lower Upper
41 100
69 88.5 58.2 87.2#
39 54.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1003.950 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

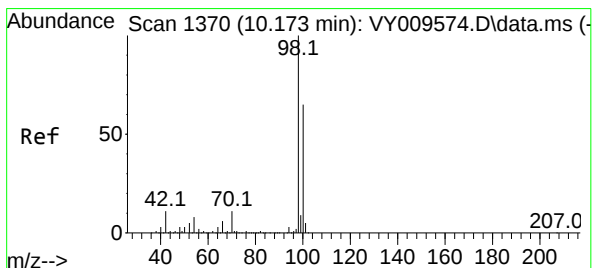
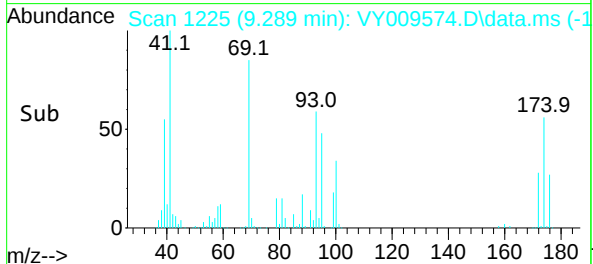
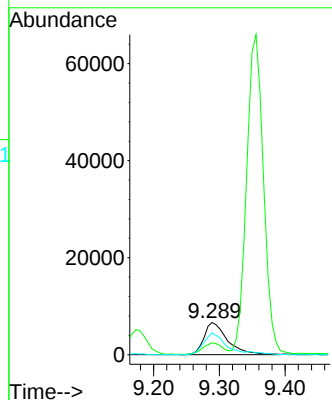
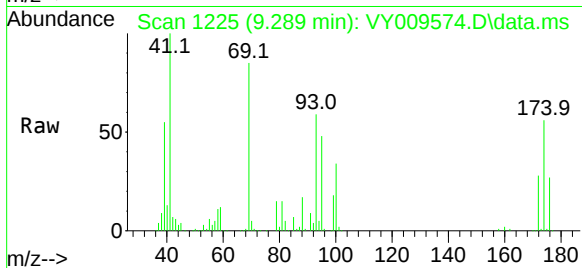
Tgt Ion: 88 Resp: 16469

Ion Ratio Lower Upper

88 100

43 29.7 32.8 49.2#

58 67.2 59.8 89.6



#50

Toluene-d8

Concen: 50.637 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009574.D

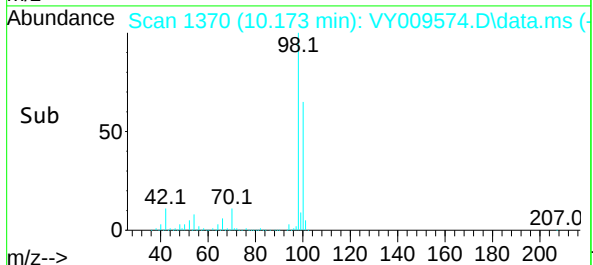
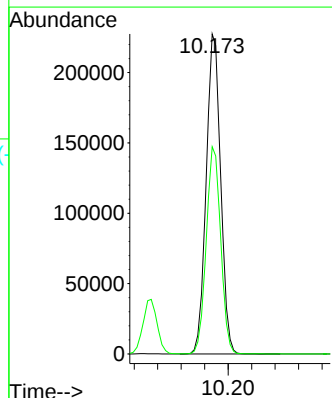
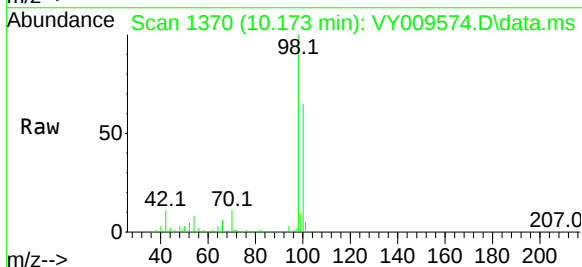
Acq: 18 Jul 2022 15:40

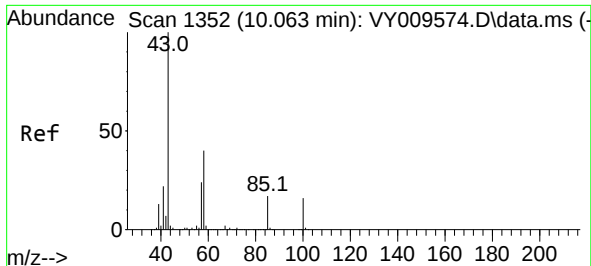
Tgt Ion: 98 Resp: 388822

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

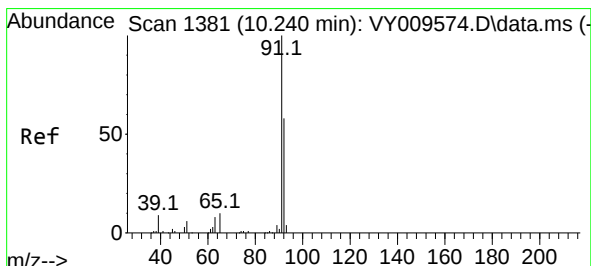
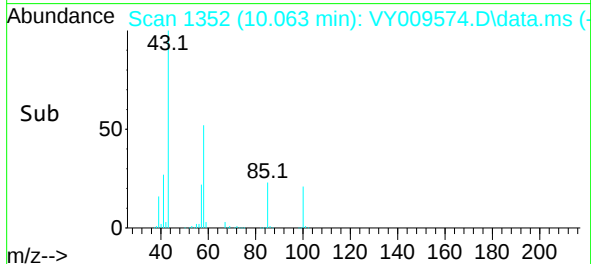
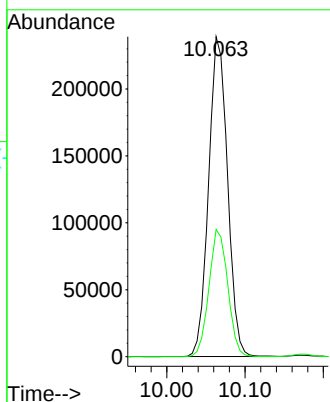
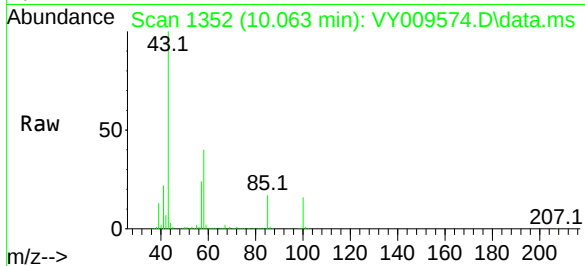




#51
4-Methyl-2-Pentanone
Concen: 256.655 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

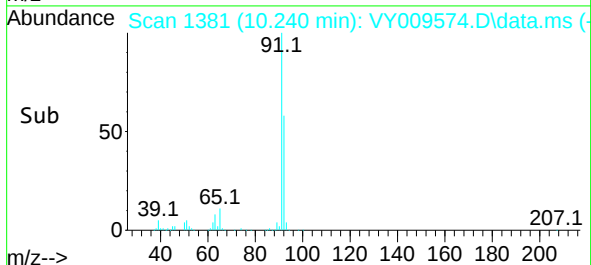
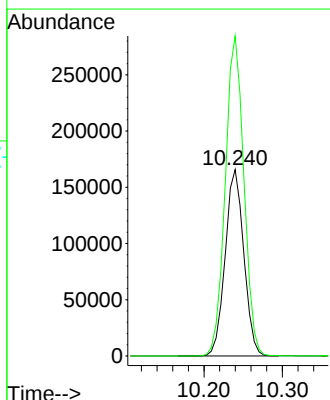
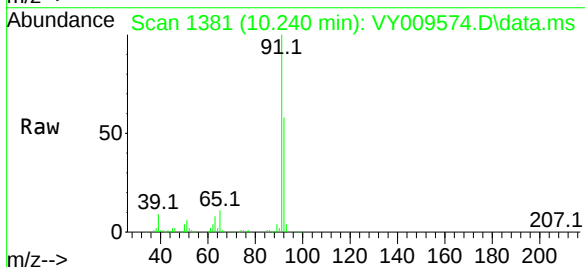
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

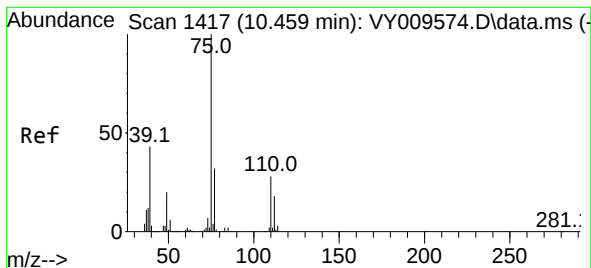
Tgt Ion: 43 Resp: 401135
Ion Ratio Lower Upper
43 100
58 39.5 28.1 42.1



#52
Toluene
Concen: 49.961 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 92 Resp: 273325
Ion Ratio Lower Upper
92 100
91 172.2 142.6 213.8

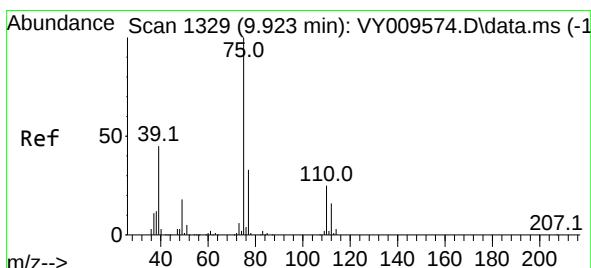
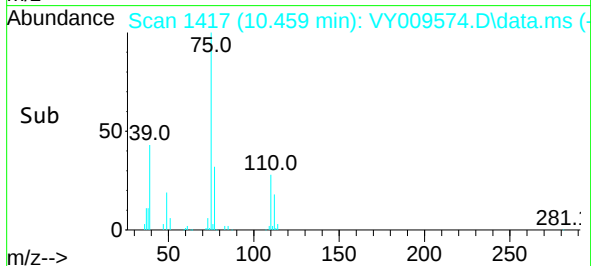
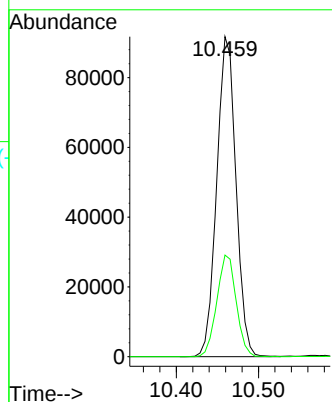
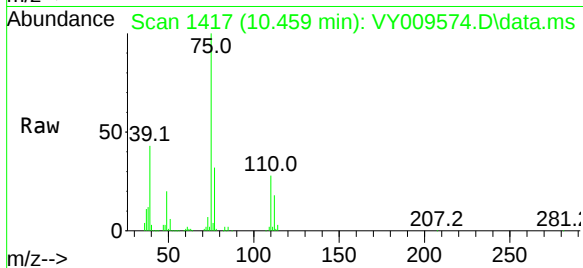




#53
t-1,3-Dichloropropene
Concen: 50.032 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

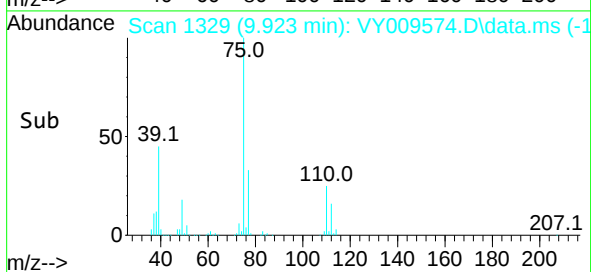
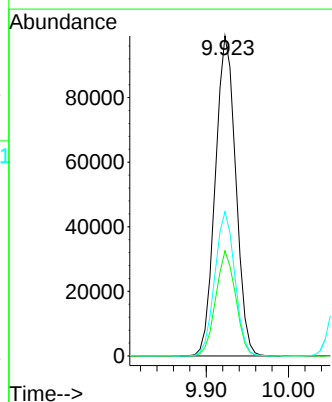
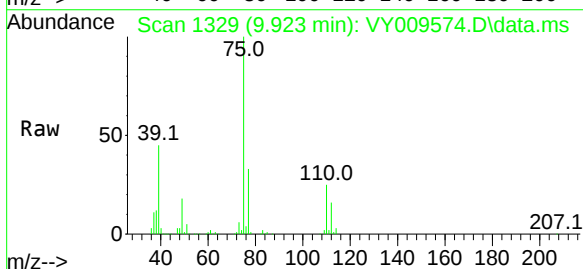
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

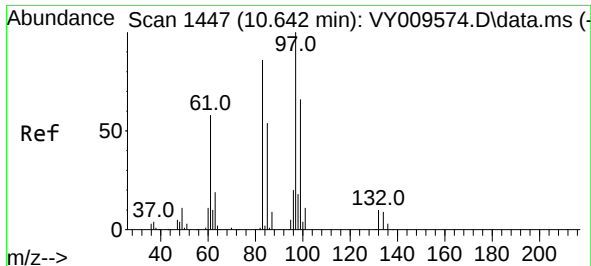
Tgt Ion: 75 Resp: 149121
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.528 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 75 Resp: 171237
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
39 45.1 47.6 71.4#

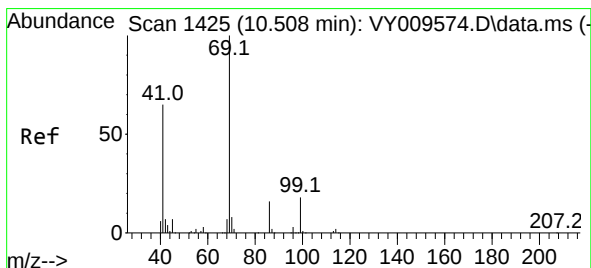
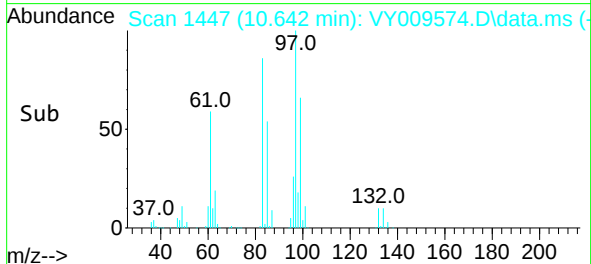
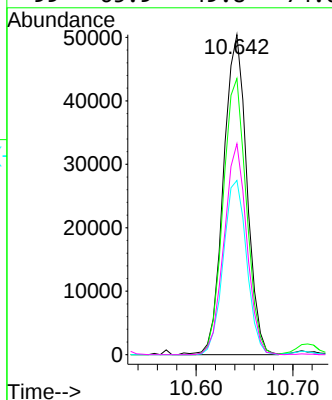
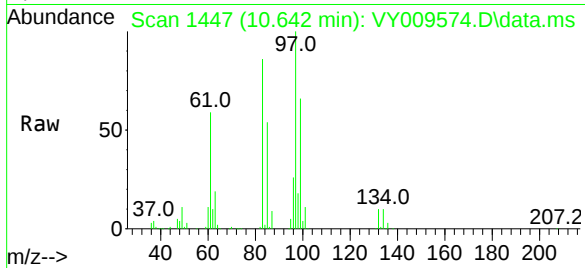




#55
1,1,2-Trichloroethane
Concen: 48.787 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

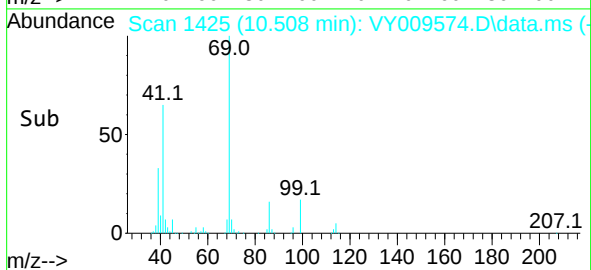
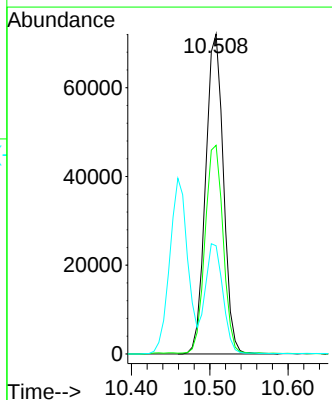
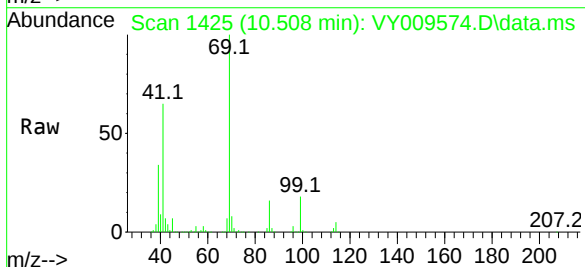
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

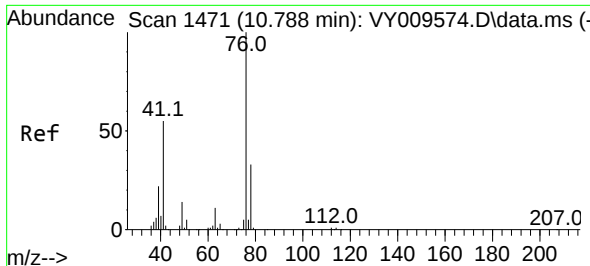
Tgt Ion:	97	Resp:	84558
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.8	104.8
85	54.5	44.3	66.5
99	65.9	49.8	74.6



#56
Ethyl methacrylate
Concen: 51.263 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion:	69	Resp:	113671
Ion	Ratio	Lower	Upper
69	100		
41	66.0	63.4	95.0
39	34.3	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 49.662 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

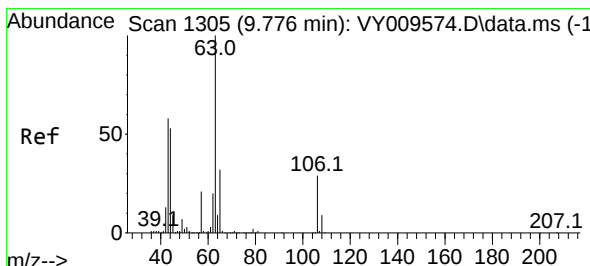
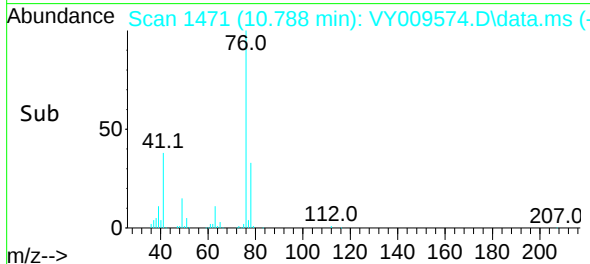
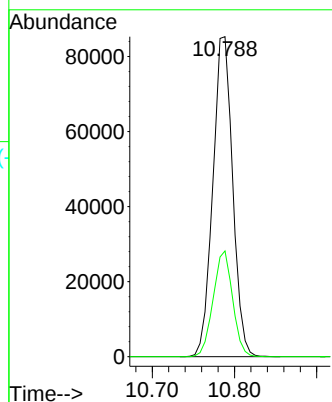
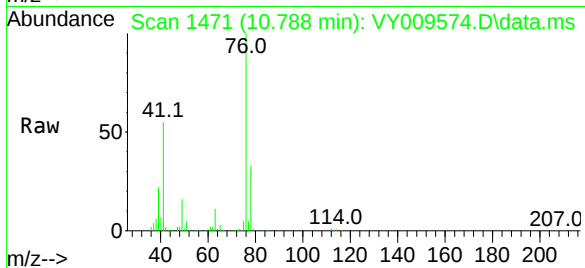
VSTDICCC050

Tgt Ion: 76 Resp: 142835

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 381.680 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009574.D

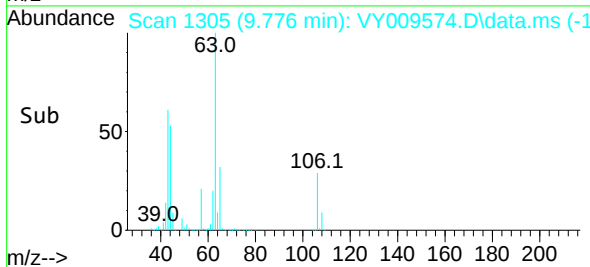
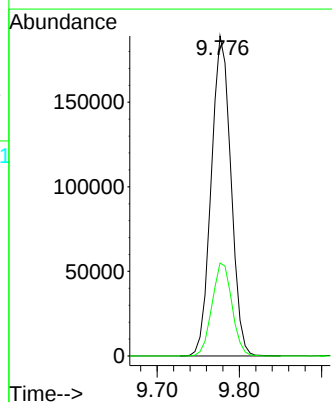
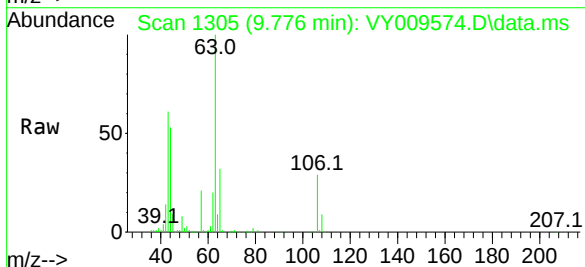
Acq: 18 Jul 2022 15:40

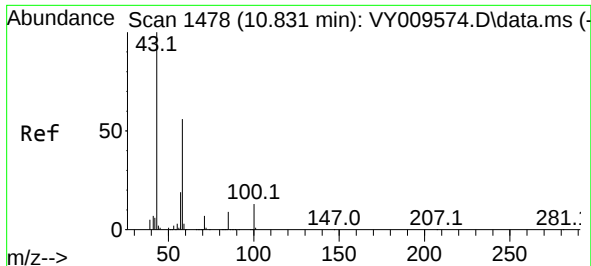
Tgt Ion: 63 Resp: 314336

Ion Ratio Lower Upper

63 100

106 29.4 21.5 32.3





#59

2-Hexanone

Concen: 268.868 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

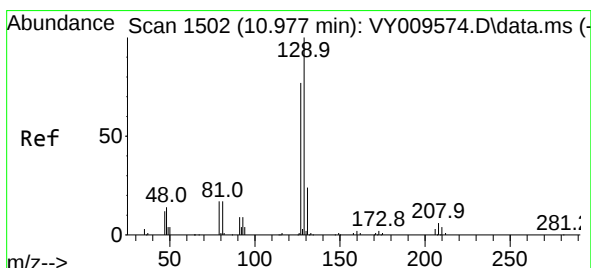
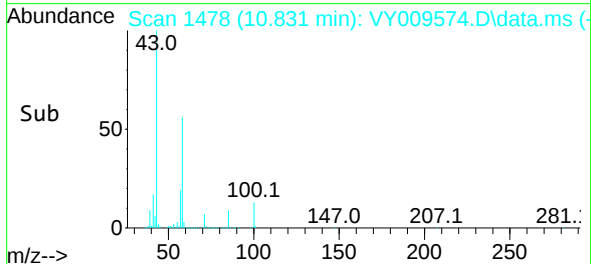
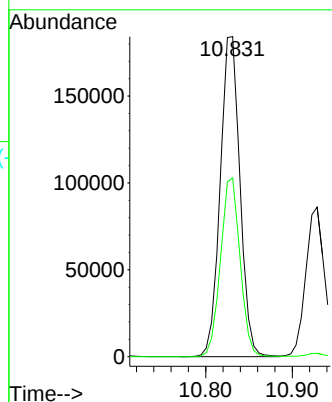
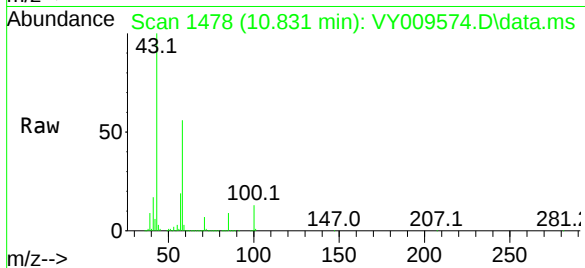
VSTDICCC050

Tgt Ion: 43 Resp: 292273

Ion Ratio Lower Upper

43 100

58 55.2 24.4 73.4



#60

Dibromochloromethane

Concen: 49.367 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. 0.000 min

Lab File: VY009574.D

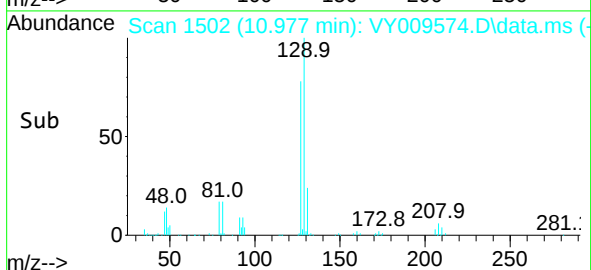
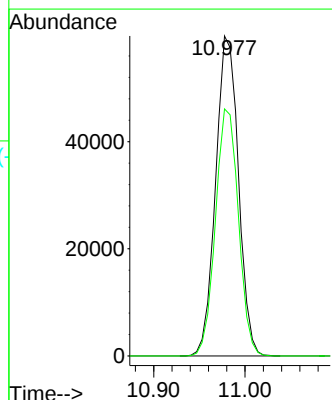
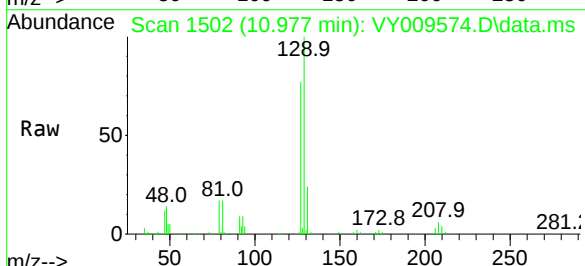
Acq: 18 Jul 2022 15:40

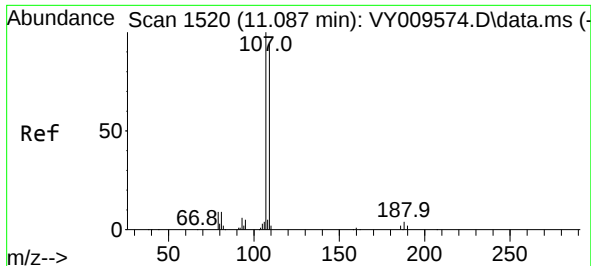
Tgt Ion:129 Resp: 103535

Ion Ratio Lower Upper

129 100

127 77.9 38.7 116.1

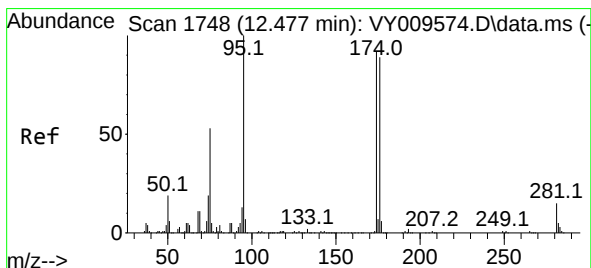
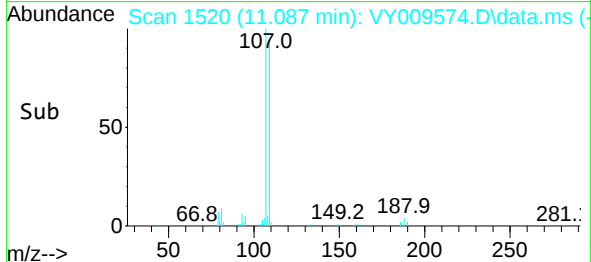
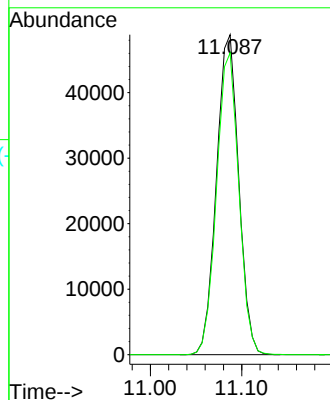
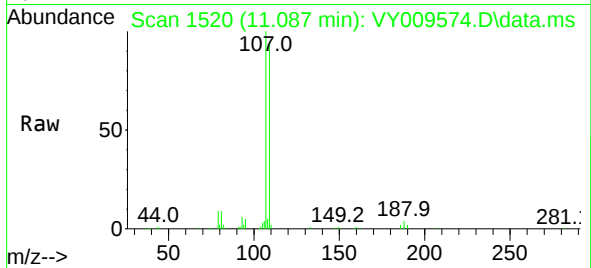




#61
1,2-Dibromoethane
Concen: 48.857 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

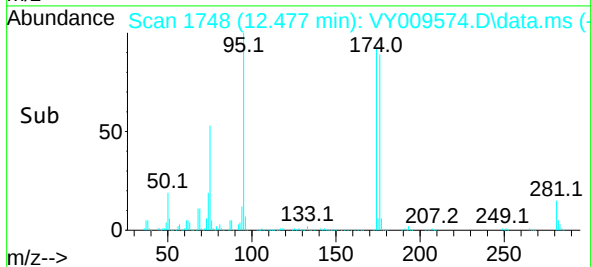
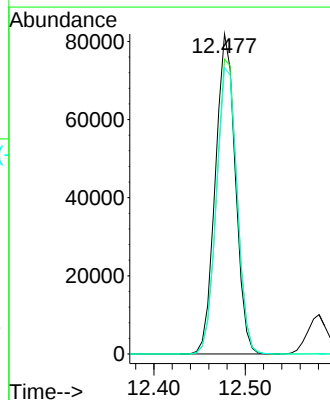
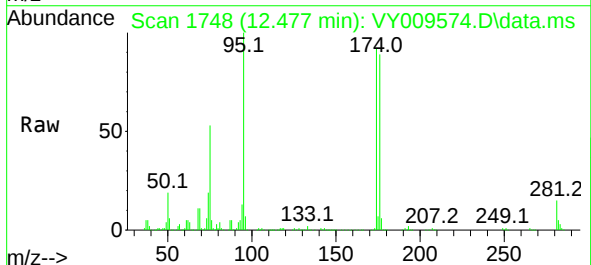
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

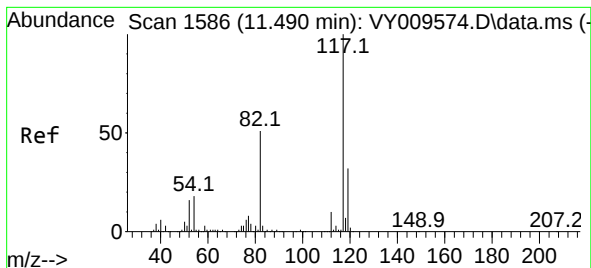
Tgt Ion:107 Resp: 82618
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.128 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 95 Resp: 124723
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 92.4 0.0 175.8

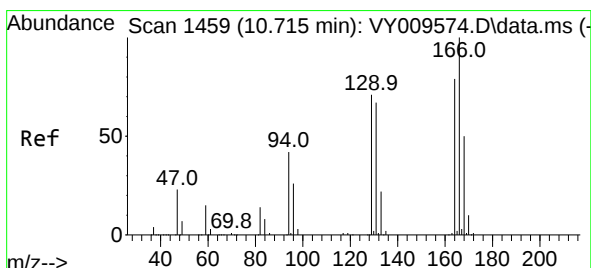
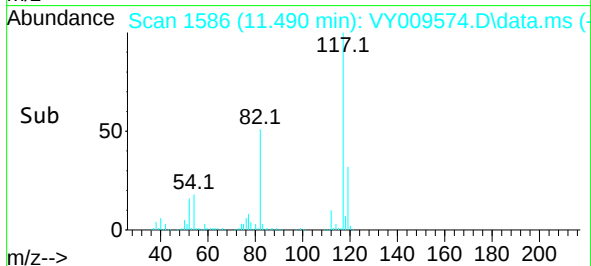
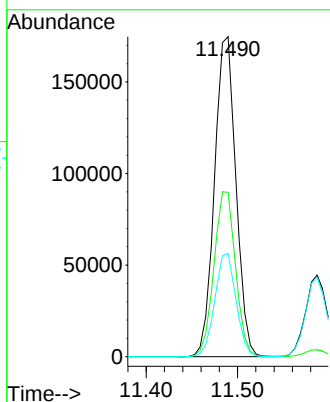
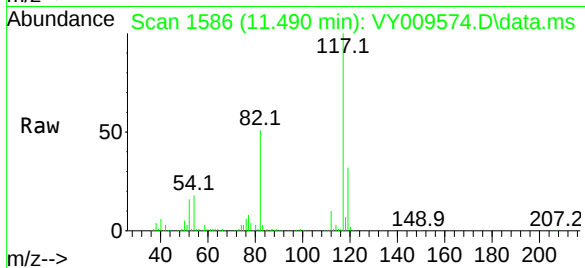




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

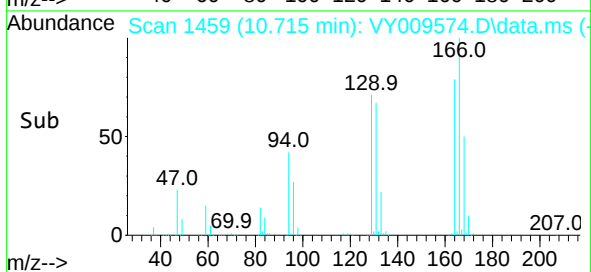
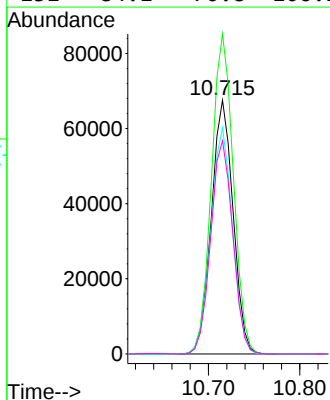
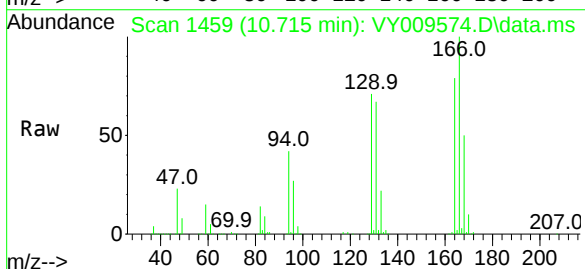
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

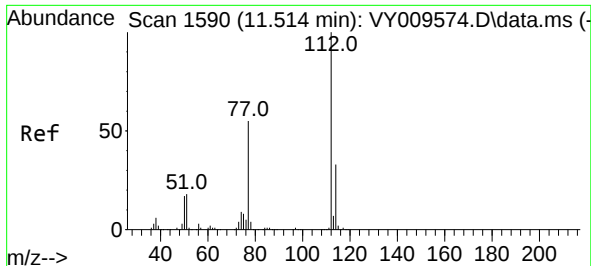
Tgt Ion:117 Resp: 284481
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 50.040 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion:164 Resp: 111408
Ion Ratio Lower Upper
164 100
166 126.1 100.4 150.6
129 89.1 71.4 107.0
131 84.1 70.8 106.2

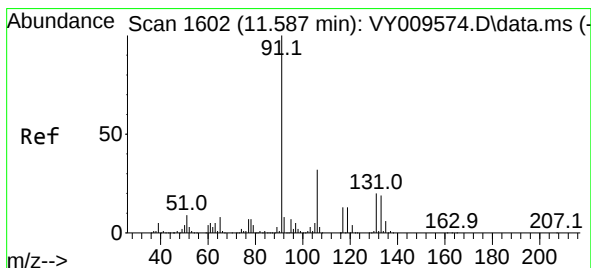
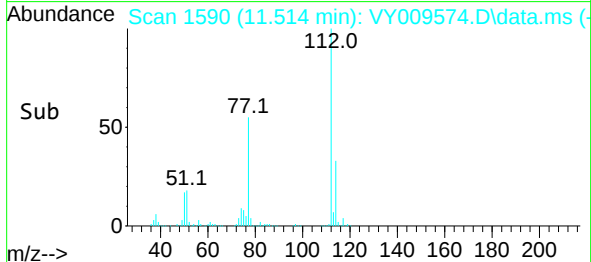
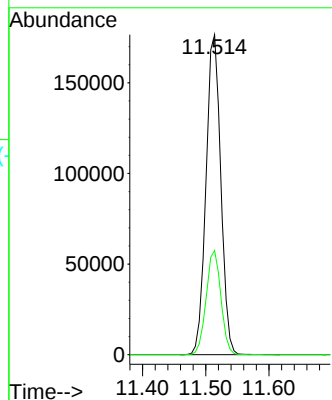
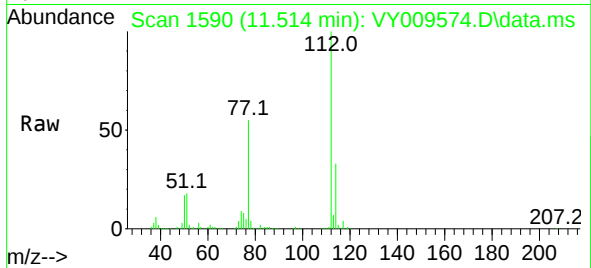




#65
Chlorobenzene
Concen: 49.408 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

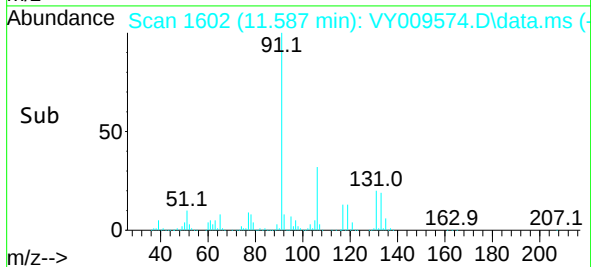
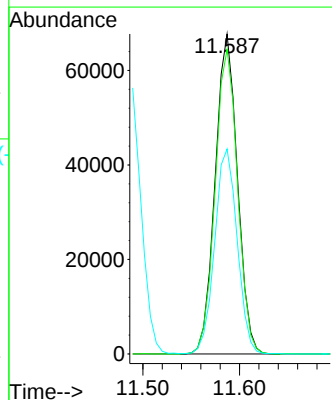
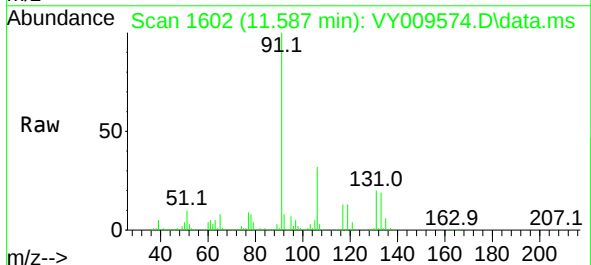
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

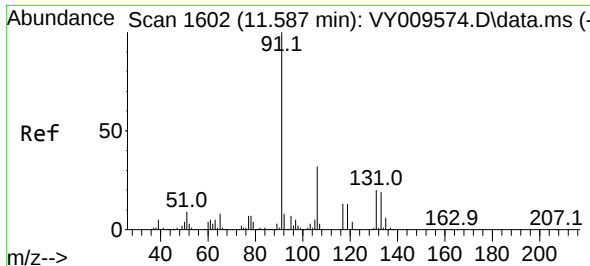
Tgt Ion:112 Resp: 287219
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.027 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion:131 Resp: 108051
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 64.9 30.8 92.3

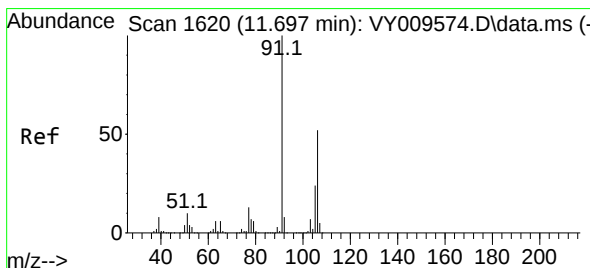
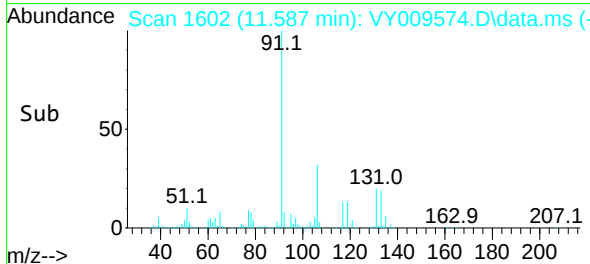
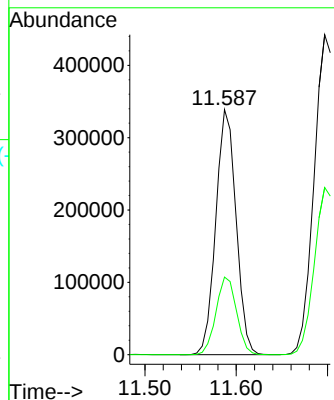
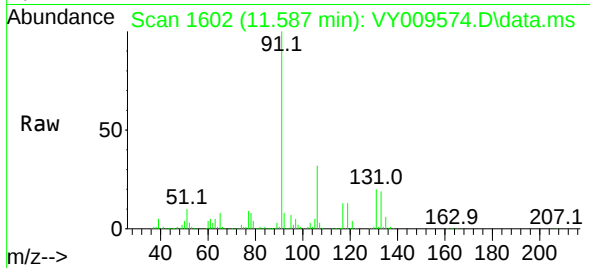




#67
Ethyl Benzene
Concen: 51.070 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

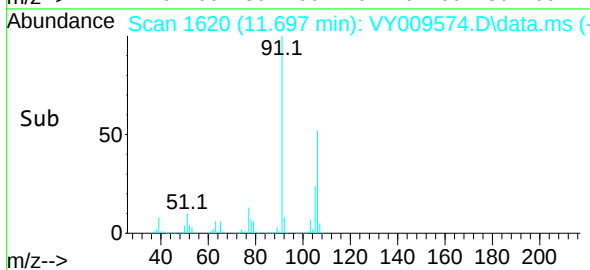
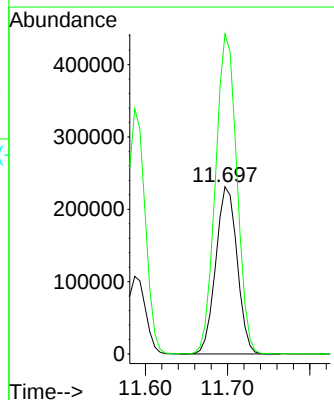
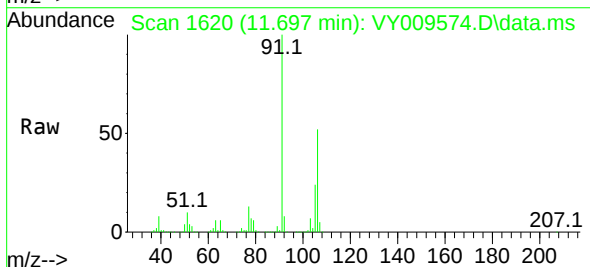
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

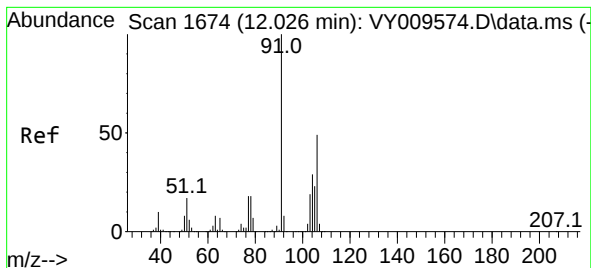
Tgt Ion: 91 Resp: 522157
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 102.594 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion:106 Resp: 417465
Ion Ratio Lower Upper
106 100
91 191.8 166.6 249.8





#69

o-Xylene

Concen: 51.236 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

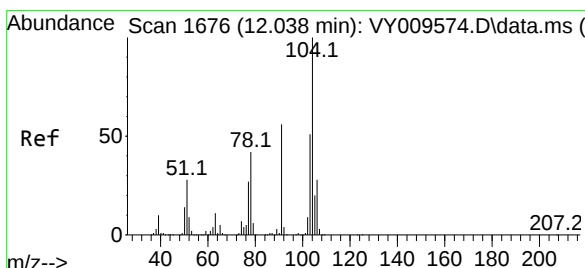
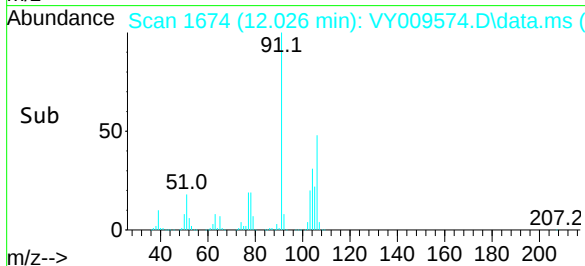
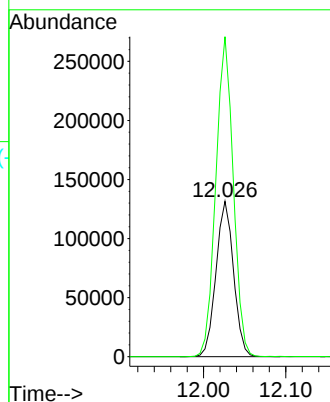
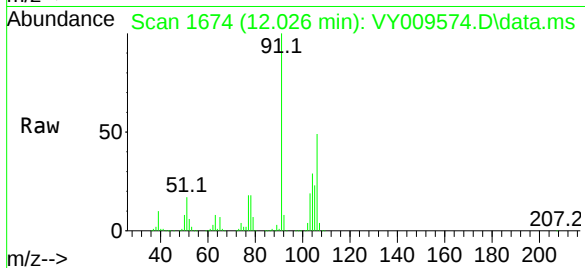
VSTDICCC050

Tgt Ion:106 Resp: 195101

Ion Ratio Lower Upper

106 100

91 204.8 110.3 331.0



#70

Styrene

Concen: 51.602 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

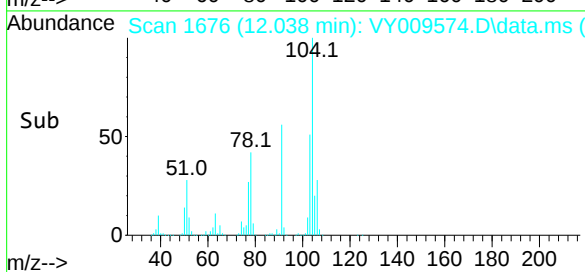
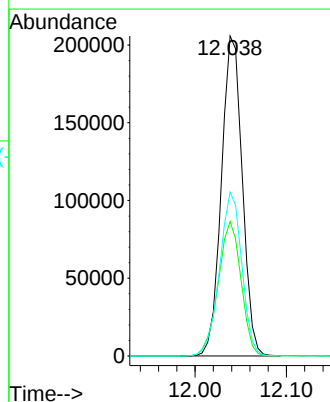
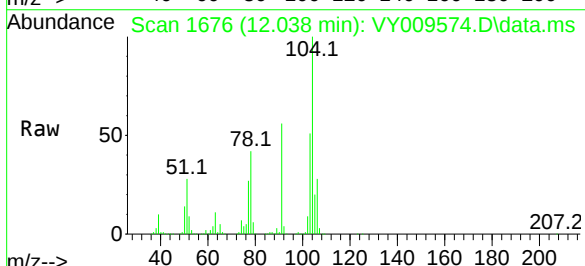
Tgt Ion:104 Resp: 326820

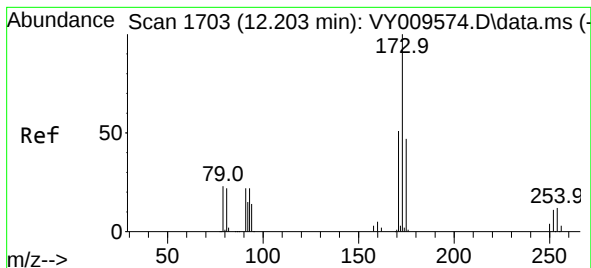
Ion Ratio Lower Upper

104 100

78 45.9 42.4 63.6

103 54.6 44.4 66.6





#71

Bromoform

Concen: 50.525 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

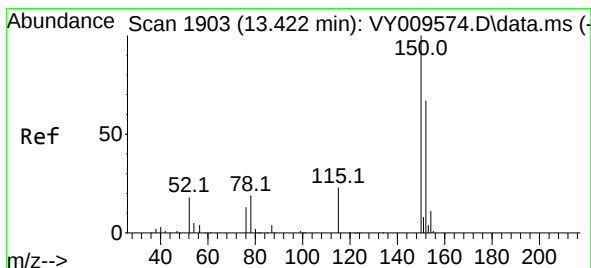
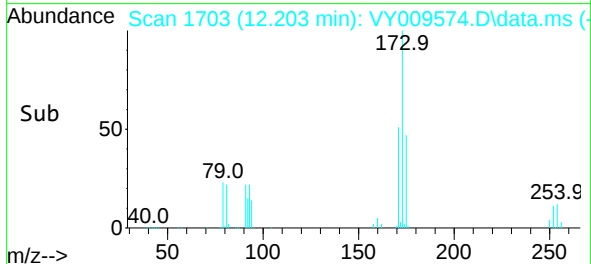
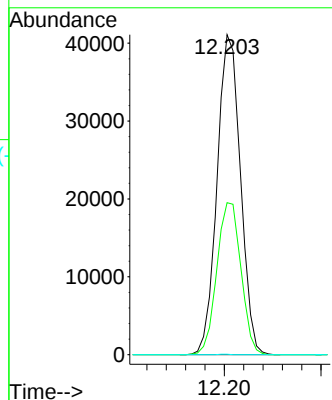
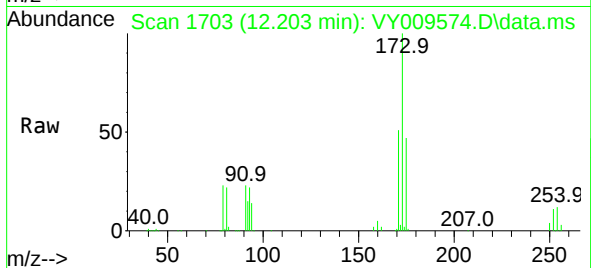
Tgt Ion:173 Resp: 68865

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

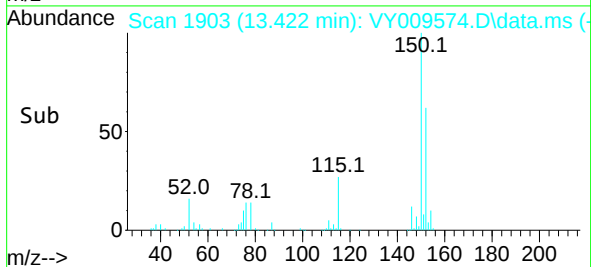
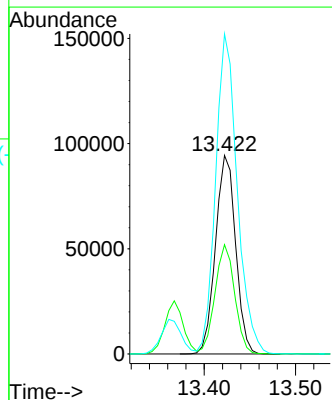
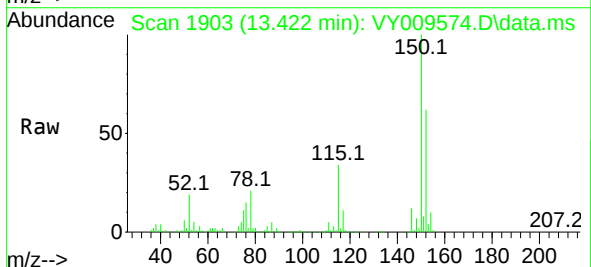
Tgt Ion:152 Resp: 144423

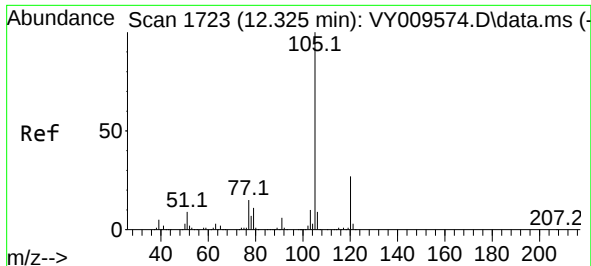
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 173.4 0.0 347.6

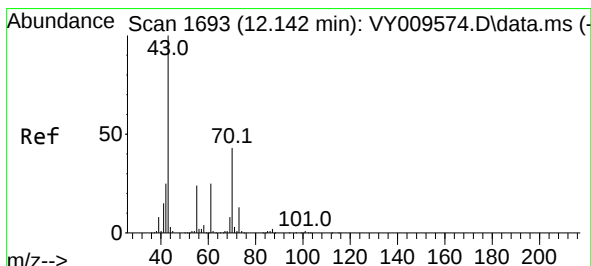
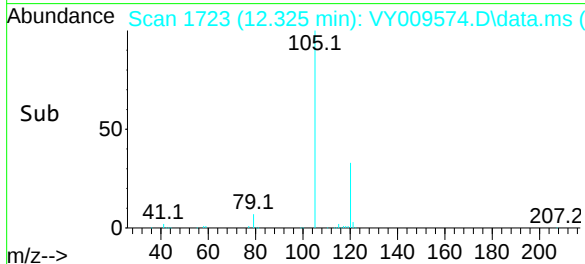
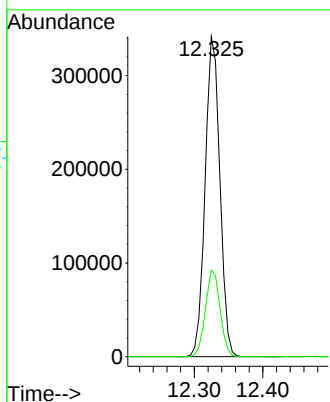
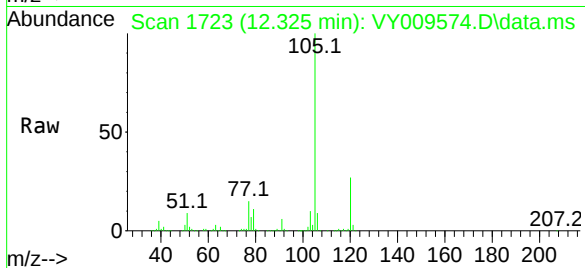




#73
Isopropylbenzene
Concen: 51.143 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

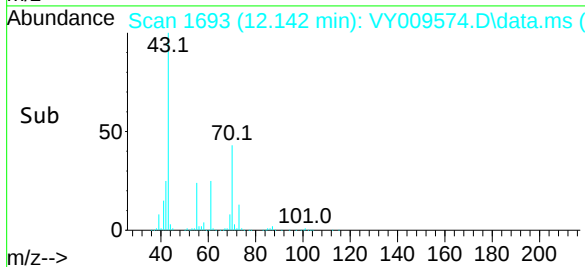
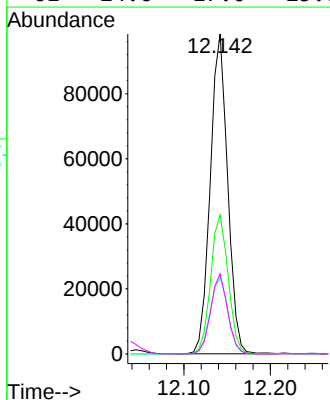
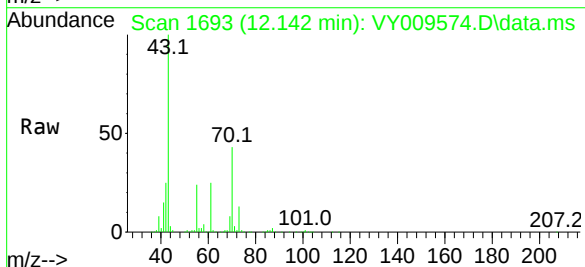
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

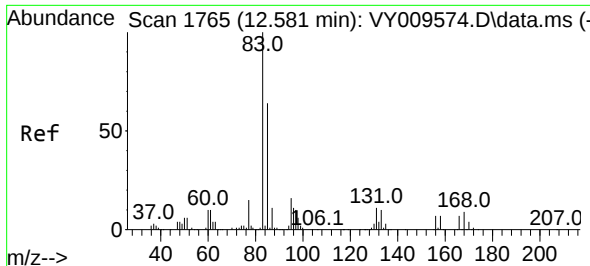
Tgt Ion:105 Resp: 511402
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 51.455 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 43 Resp: 136837
Ion Ratio Lower Upper
43 100
70 43.9 28.7 43.1#
55 24.4 17.3 25.9
61 24.6 17.0 25.6

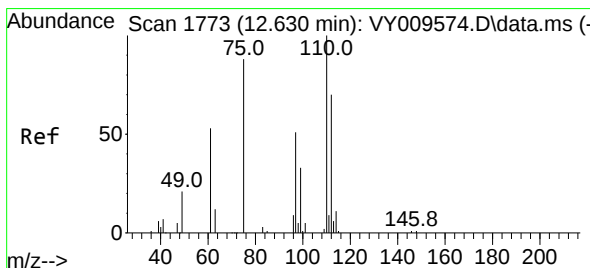
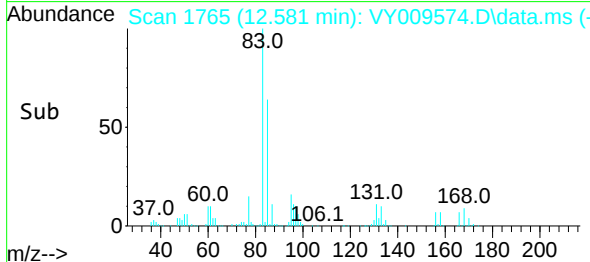
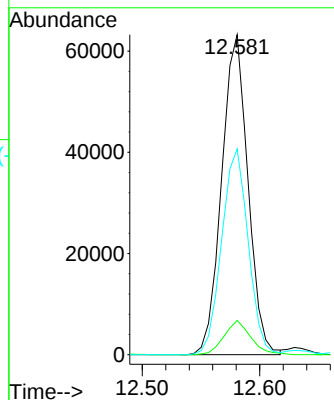
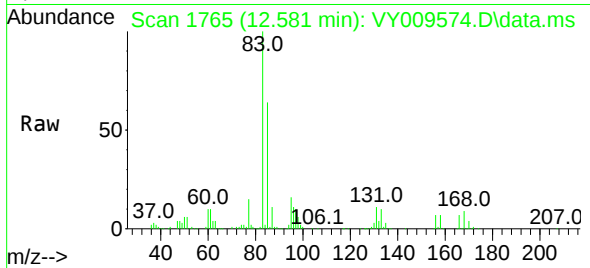




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.068 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009574.D
 Acq: 18 Jul 2022 15:40

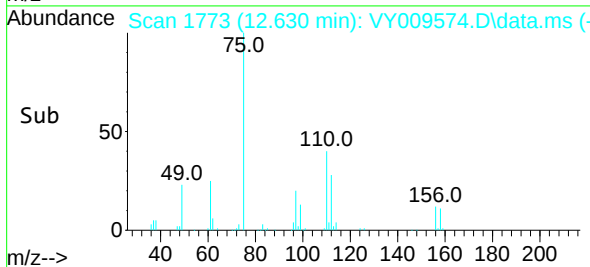
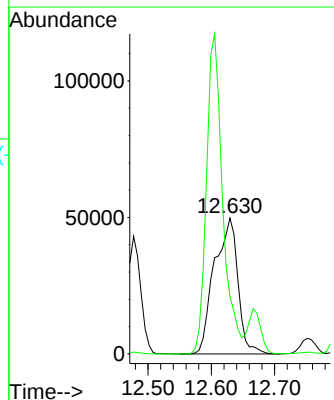
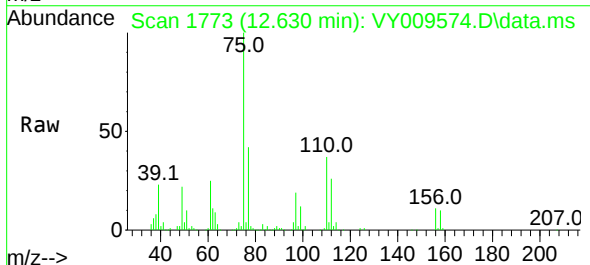
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

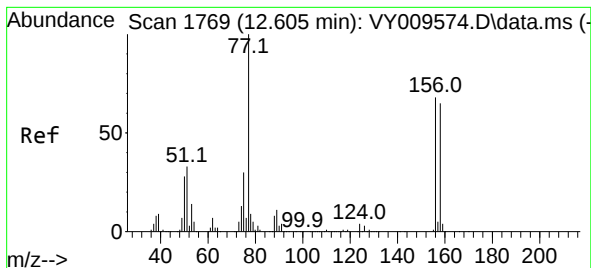
Tgt Ion: 83 Resp: 98261
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.6 16.8
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 90.512 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009574.D
 Acq: 18 Jul 2022 15:40

Tgt Ion: 75 Resp: 128779
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.448 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

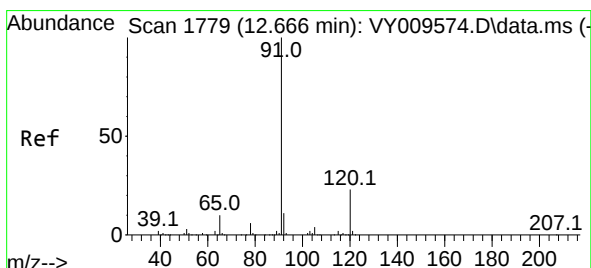
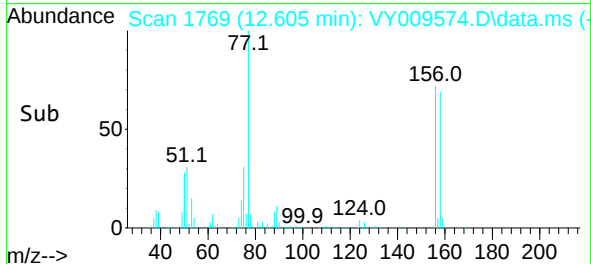
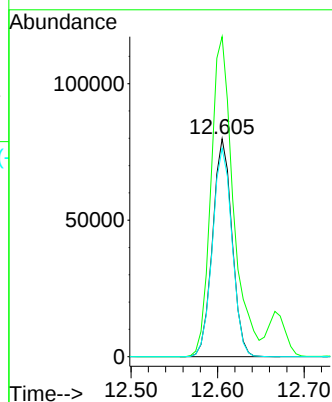
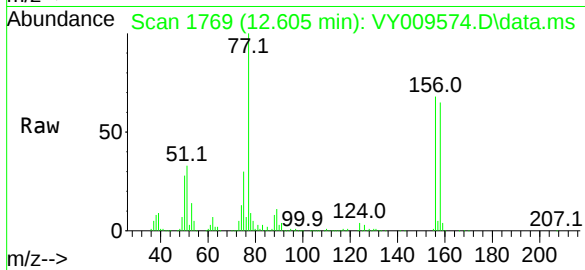
Tgt Ion:156 Resp: 124338

Ion Ratio Lower Upper

156 100

77 168.4 95.5 286.4

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 51.097 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009574.D

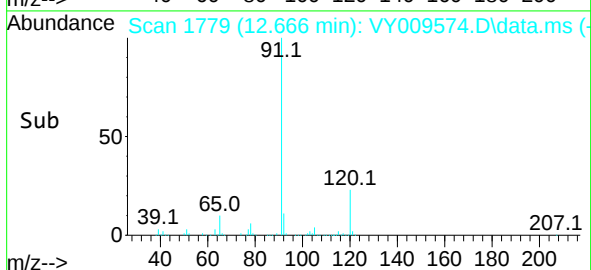
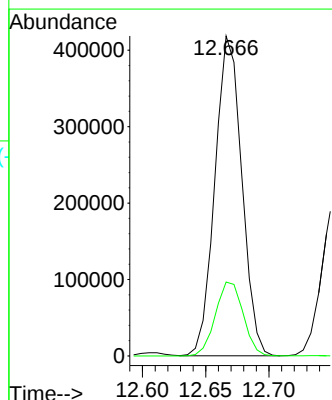
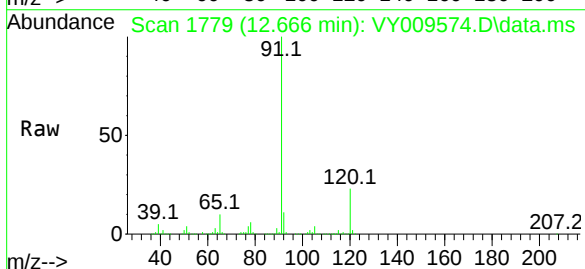
Acq: 18 Jul 2022 15:40

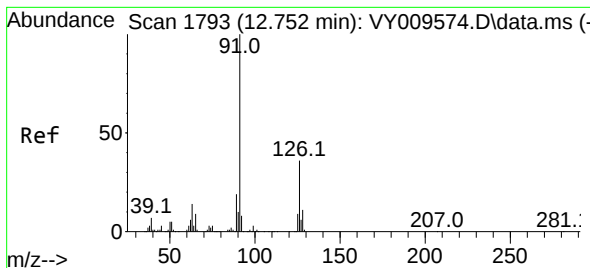
Tgt Ion: 91 Resp: 617386

Ion Ratio Lower Upper

91 100

120 23.9 11.3 33.9

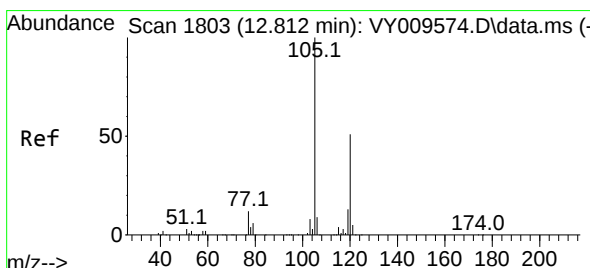
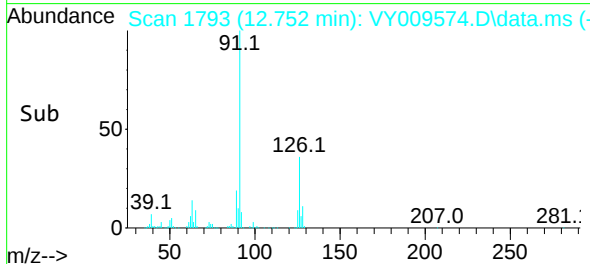
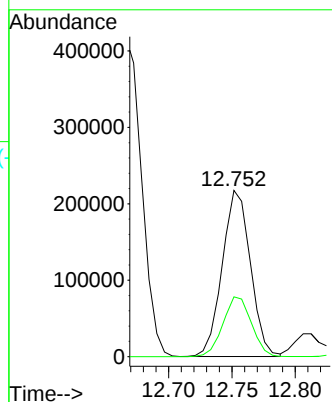
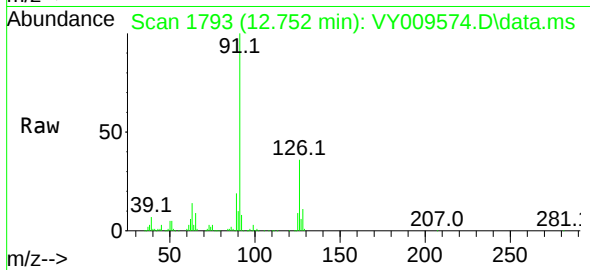




#79
2-Chlorotoluene
Concen: 50.281 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

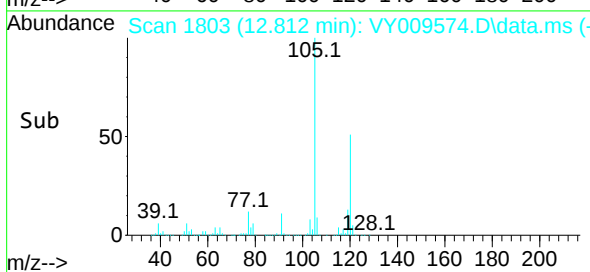
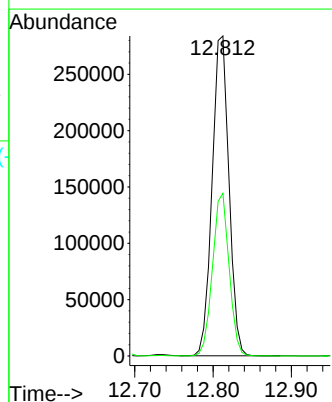
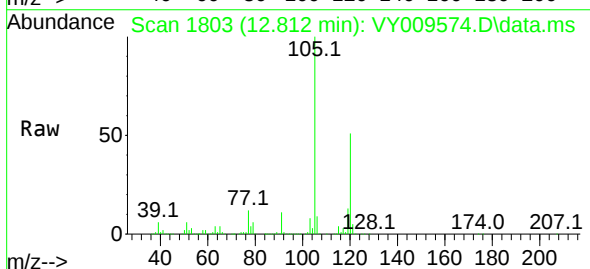
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

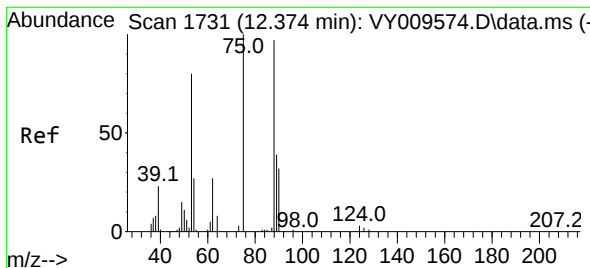
Tgt Ion: 91 Resp: 336839
Ion Ratio Lower Upper
91 100
126 36.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.257 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009574.D
Acq: 18 Jul 2022 15:40

Tgt Ion: 105 Resp: 423516
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4

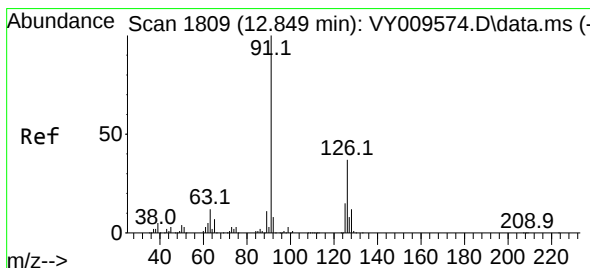
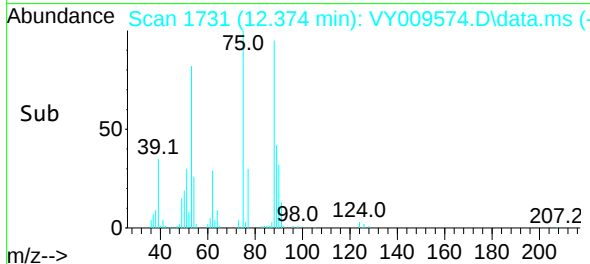
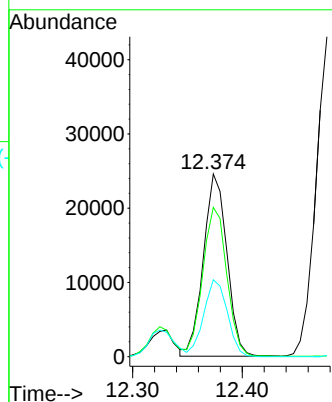
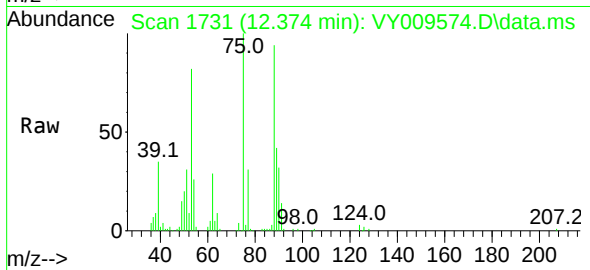




#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.587 ug/l
 RT: 12.374 min Scan# 1731
 Delta R.T. 0.000 min
 Lab File: VY009574.D
 Acq: 18 Jul 2022 15:40

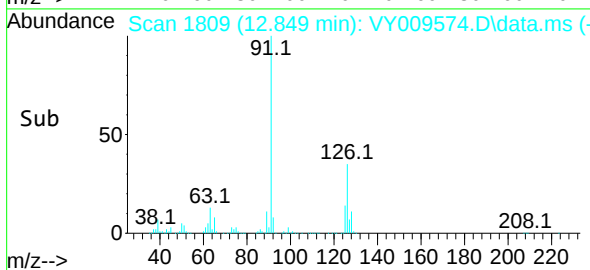
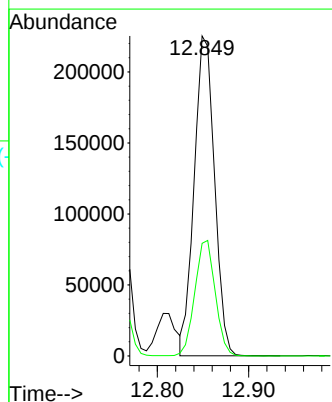
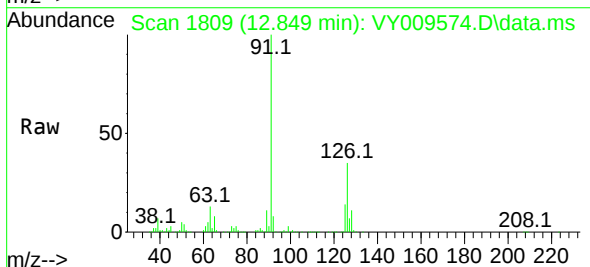
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

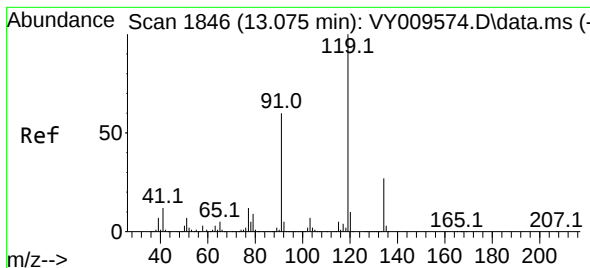
Tgt Ion: 75 Resp: 36692
 Ion Ratio Lower Upper
 75 100
 53 83.4 85.3 127.9#
 89 42.3 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 50.071 ug/l
 RT: 12.849 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: VY009574.D
 Acq: 18 Jul 2022 15:40

Tgt Ion: 91 Resp: 347986
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.466 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

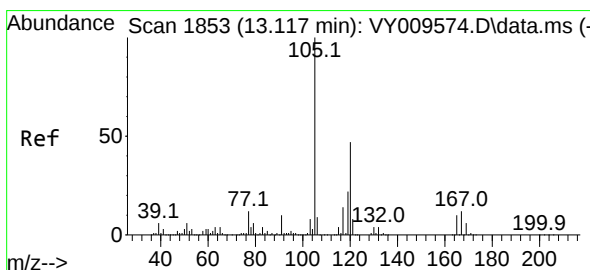
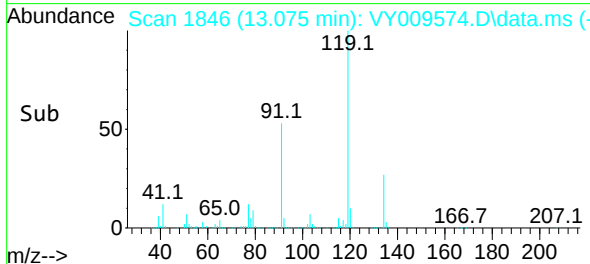
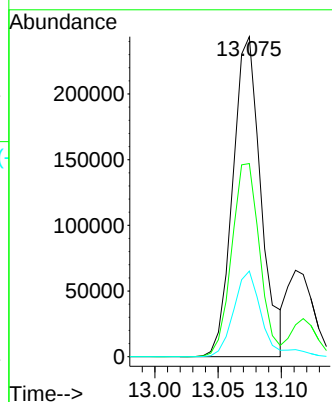
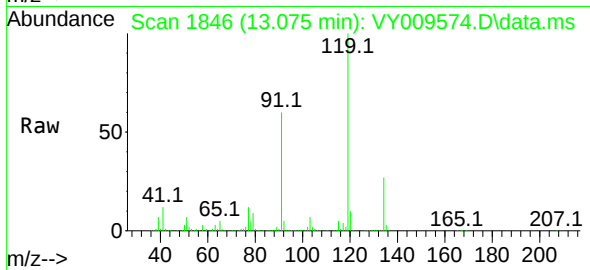
Tgt Ion:119 Resp: 377804

Ion Ratio Lower Upper

119 100

91 60.2 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.509 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009574.D

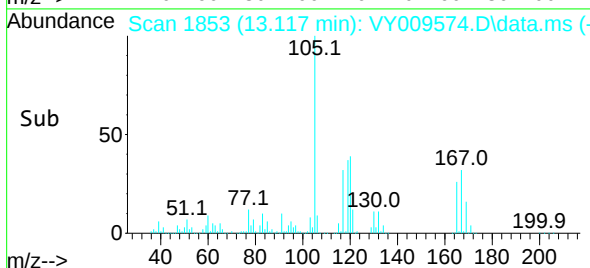
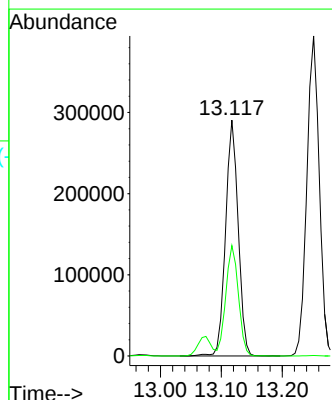
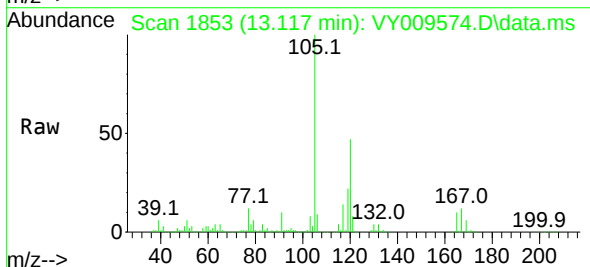
Acq: 18 Jul 2022 15:40

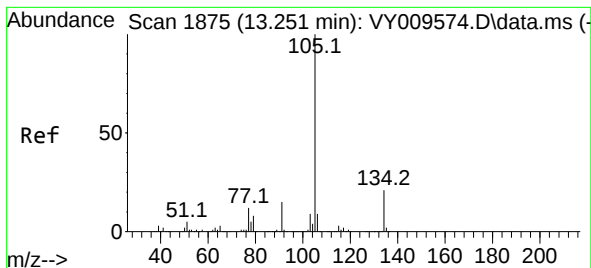
Tgt Ion:105 Resp: 417370

Ion Ratio Lower Upper

105 100

120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.297 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

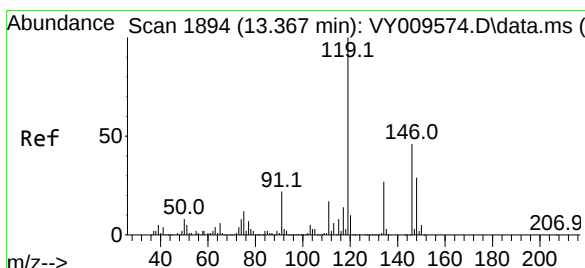
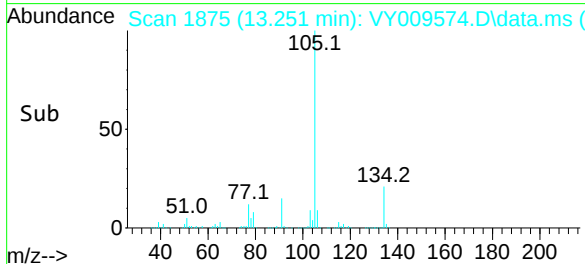
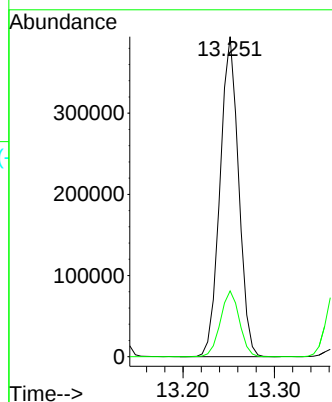
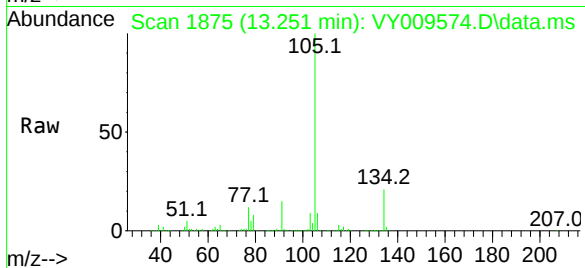
VSTDICCC050

Tgt Ion:105 Resp: 558301

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.289 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

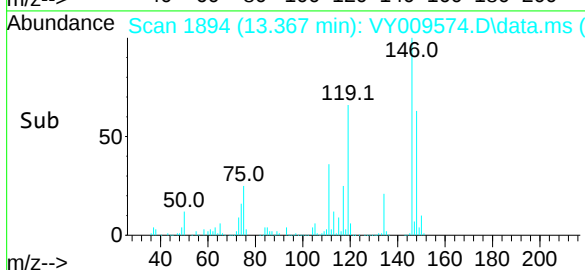
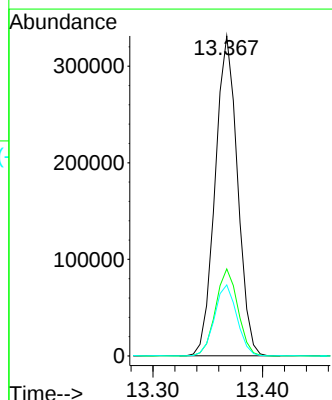
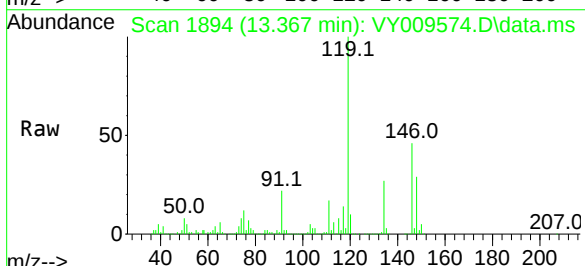
Tgt Ion:119 Resp: 469112

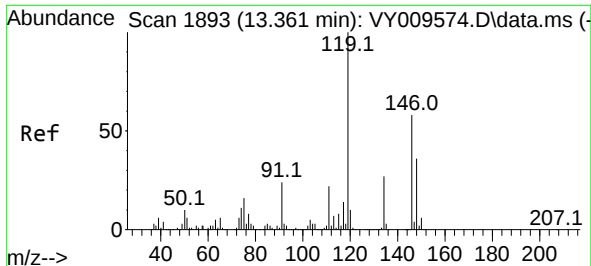
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 22.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.187 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

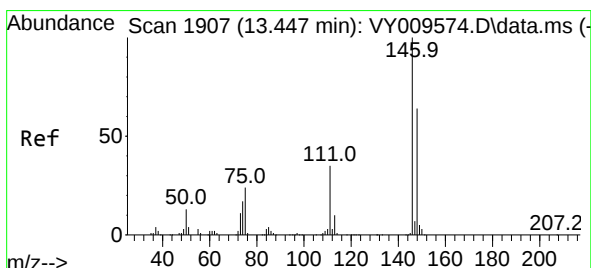
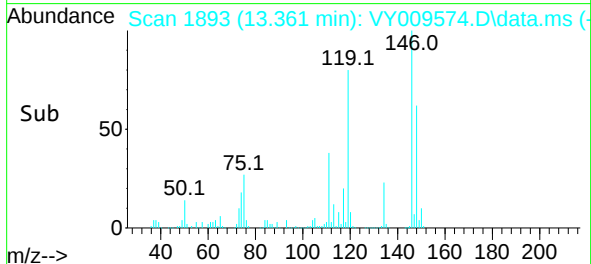
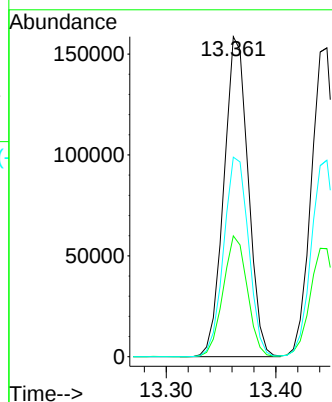
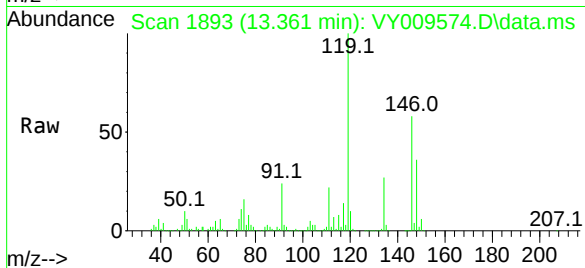
Tgt Ion:146 Resp: 244662

Ion Ratio Lower Upper

146 100

111 37.5 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.722 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

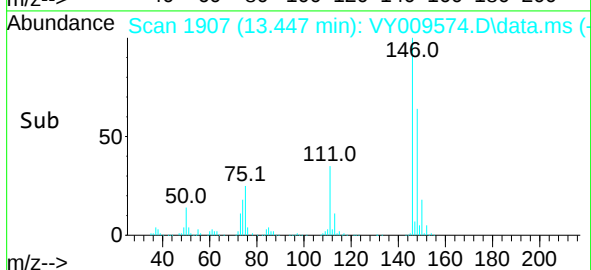
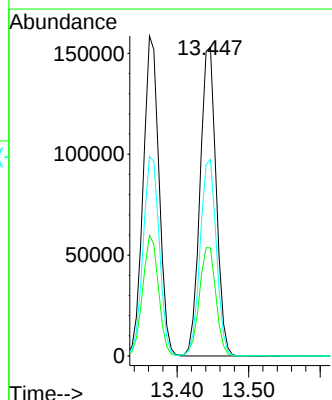
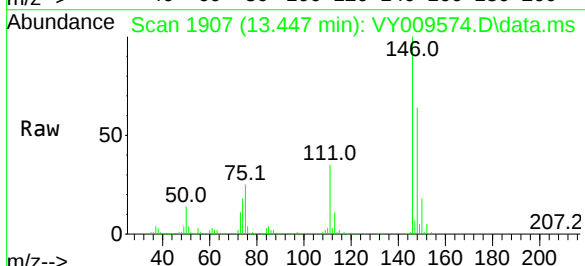
Tgt Ion:146 Resp: 240291

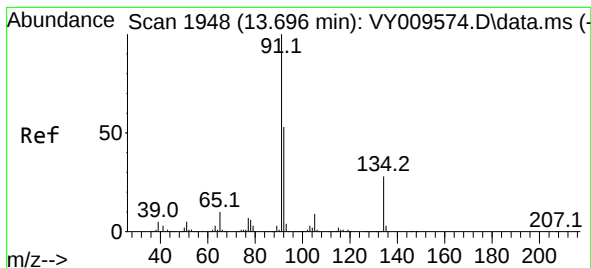
Ion Ratio Lower Upper

146 100

111 36.1 19.3 57.8

148 64.0 32.6 97.8





#89

n-Butylbenzene

Concen: 51.832 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

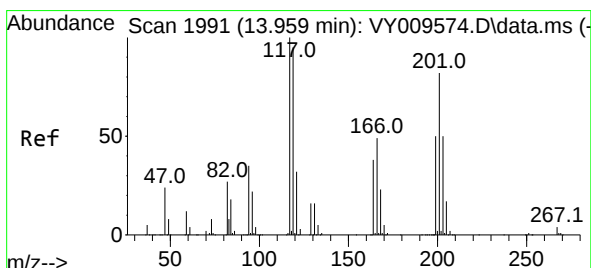
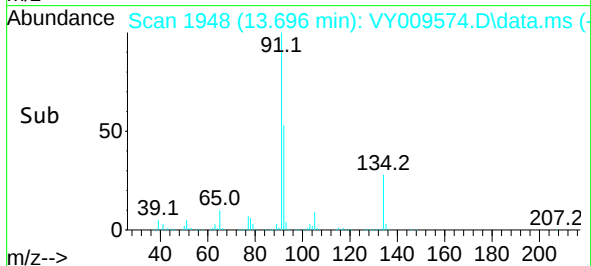
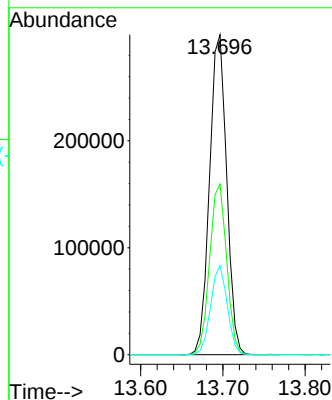
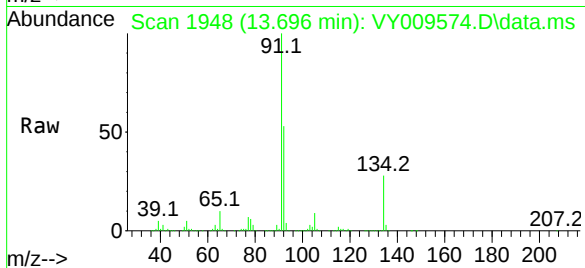
Tgt Ion: 91 Resp: 432969

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 26.9 13.0 38.9



#90

Hexachloroethane

Concen: 49.654 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009574.D

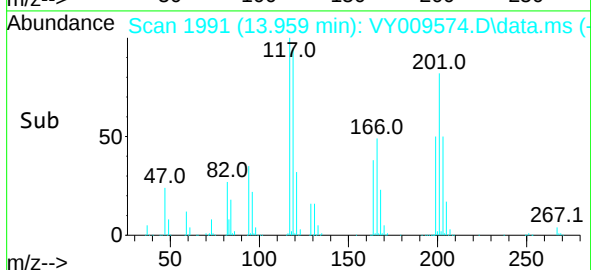
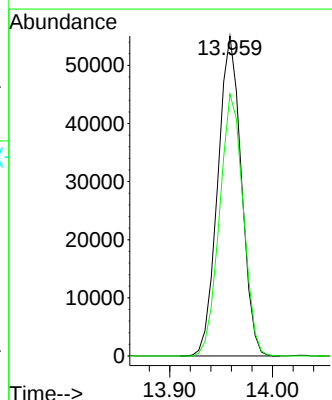
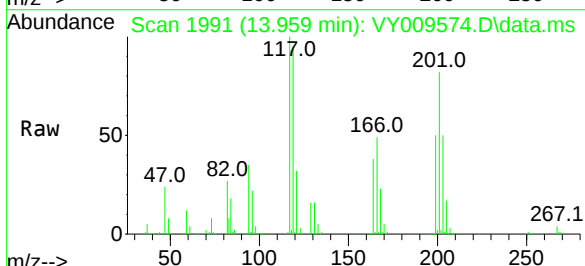
Acq: 18 Jul 2022 15:40

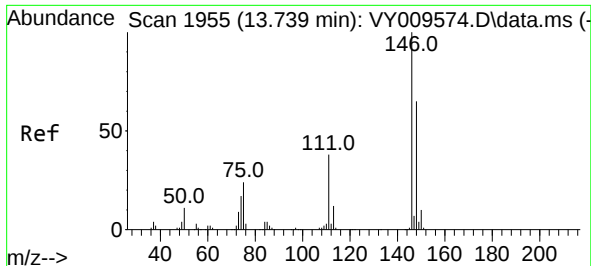
Tgt Ion: 117 Resp: 87498

Ion Ratio Lower Upper

117 100

201 82.2 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 49.446 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

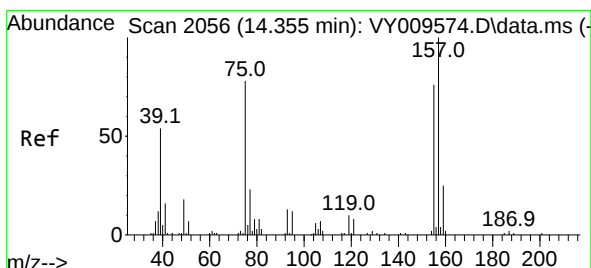
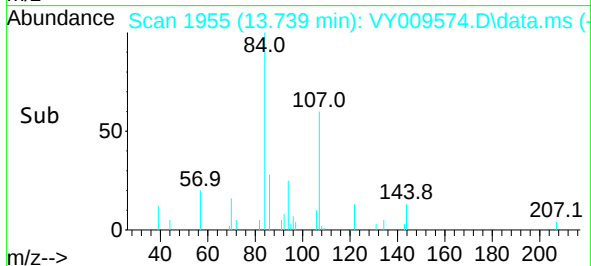
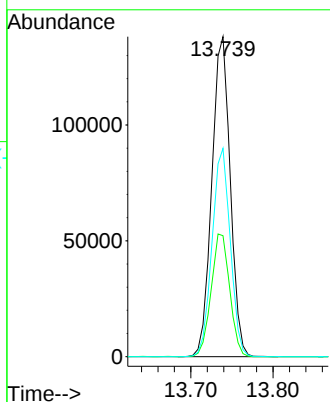
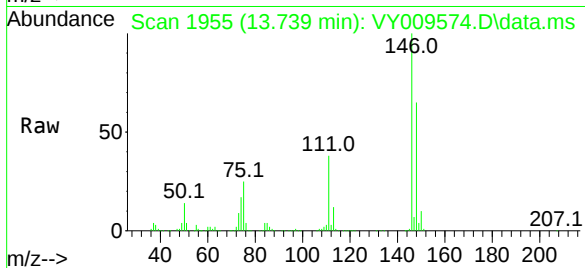
Tgt Ion:146 Resp: 214862

Ion Ratio Lower Upper

146 100

111 38.7 20.3 60.9

148 64.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.784 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

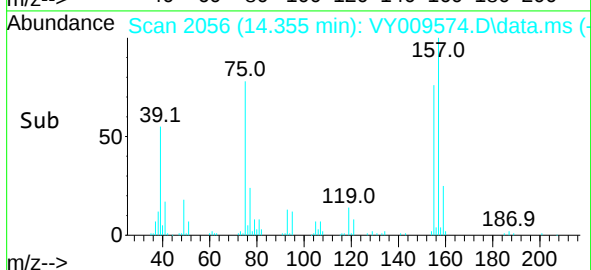
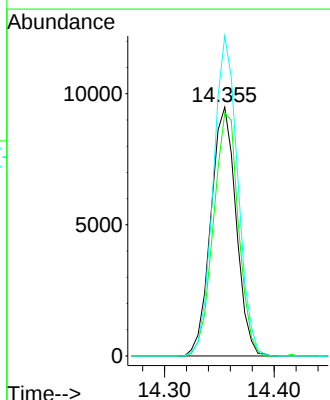
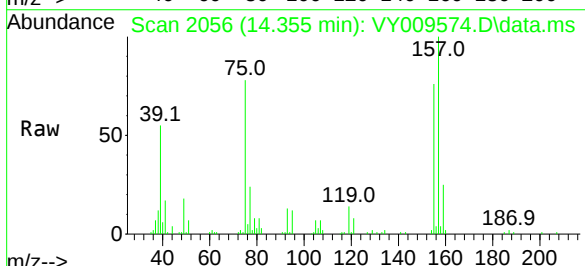
Tgt Ion: 75 Resp: 15167

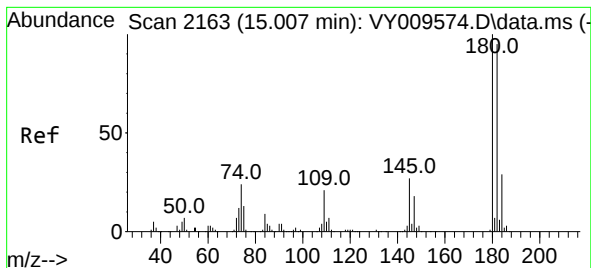
Ion Ratio Lower Upper

75 100

155 97.0 38.0 113.9

157 124.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 49.380 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

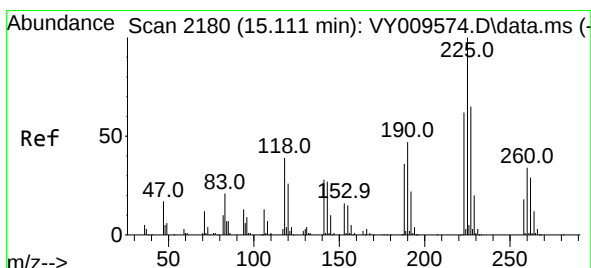
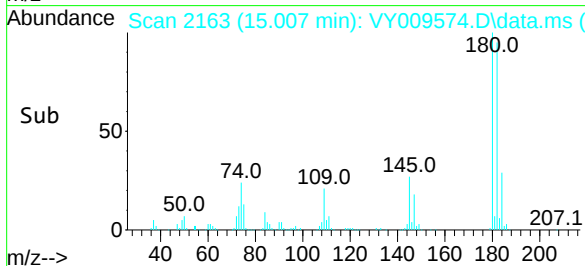
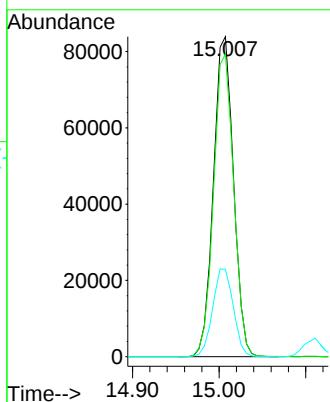
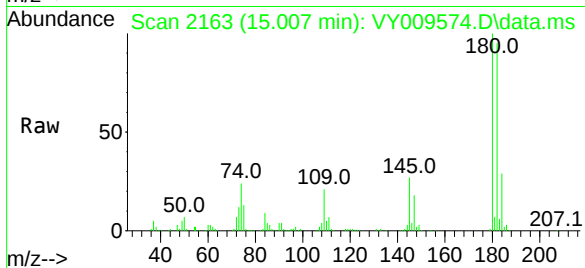
Tgt Ion:180 Resp: 134677

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 28.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.909 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

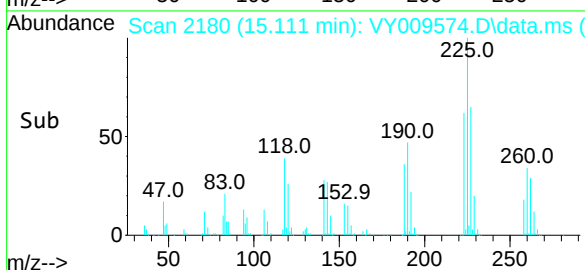
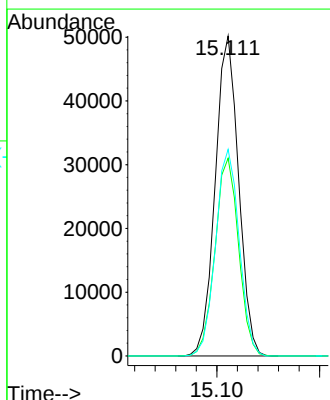
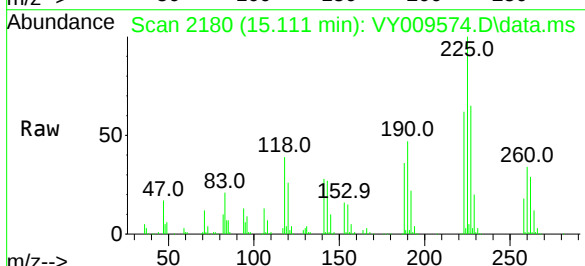
Tgt Ion:225 Resp: 79133

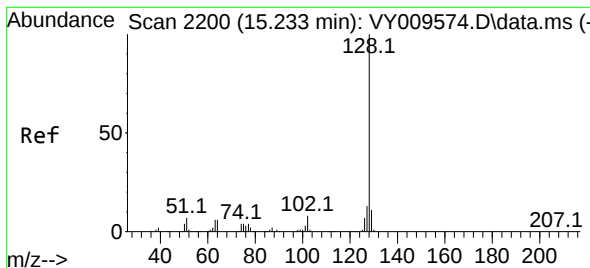
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 65.2 31.6 94.7





#95

Naphthalene

Concen: 49.864 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

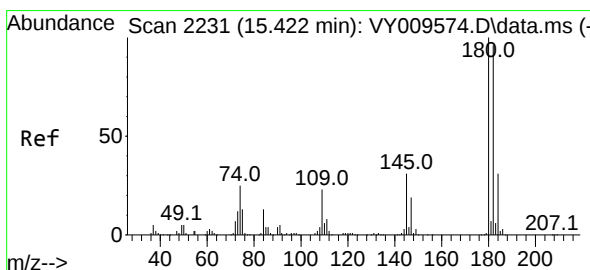
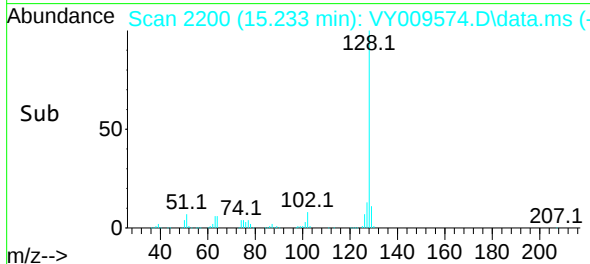
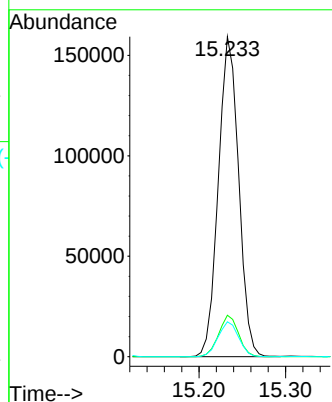
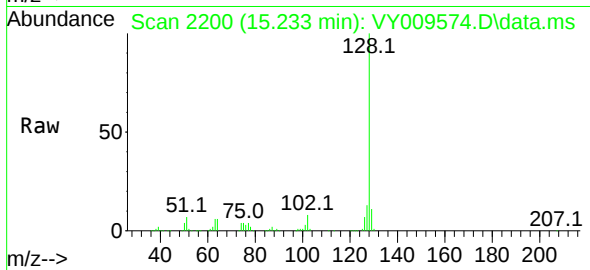
Tgt Ion:128 Resp: 259646

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.034 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009574.D

Acq: 18 Jul 2022 15:40

Tgt Ion:180 Resp: 115077

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 30.5 15.3 45.9

