

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009696.D
 Acq On : 26 Jul 2022 12:54
 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 27 02:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 02:13:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	240300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77310	41.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.720%
35) Dibromofluoromethane	7.710	113	88894	45.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.140%
50) Toluene-d8	10.179	98	252071	38.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.460%#
62) 4-Bromofluorobenzene	12.477	95	126738	48.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	97.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	100282	47.761	ug/l	100
3) Chloromethane	2.107	50	131592	49.732	ug/l	95
4) Vinyl Chloride	2.241	62	146324	50.071	ug/l	97
5) Bromomethane	2.643	94	101793	50.691	ug/l	100
6) Chloroethane	2.784	64	89131	50.896	ug/l	99
7) Trichlorofluoromethane	3.113	101	189516	49.272	ug/l	93
8) Diethyl Ether	3.515	74	62592	49.996	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	107997	49.582	ug/l	94
10) Methyl Iodide	4.076	142	152693	53.175	ug/l #	87
11) Tert butyl alcohol	4.954	59	55263	215.953	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	103790	50.617	ug/l	82
13) Acrolein	3.723	56	8754	208.047	ug/l	100
14) Allyl chloride	4.466	41	161315	50.078	ug/l #	91
15) Acrylonitrile	5.149	53	152574	249.590	ug/l	98
16) Acetone	3.936	43	169695	294.365	ug/l	90
17) Carbon Disulfide	4.180	76	325617	51.645	ug/l	99
18) Methyl Acetate	4.466	43	70757	41.848	ug/l #	90
19) Methyl tert-butyl Ether	5.204	73	289298	51.199	ug/l	96
20) Methylene Chloride	4.704	84	135798	34.781	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	120530	50.249	ug/l	83
22) Diisopropyl ether	6.106	45	351902	50.954	ug/l	94
23) Vinyl Acetate	6.051	43	1155554	270.951	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	198056	49.737	ug/l	97
25) 2-Butanone	6.978	43	231174	271.106	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	183686	48.506	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	134727	50.392	ug/l	86
28) Bromochloromethane	7.326	49	71248	49.228	ug/l #	80
29) Tetrahydrofuran	7.338	42	140038	258.801	ug/l	89
30) Chloroform	7.496	83	207096	49.786	ug/l	99
31) Cyclohexane	7.777	56	187745	49.269	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	188316	50.205	ug/l	95
36) 1,1-Dichloropropene	7.911	75	162221	50.647	ug/l	96
37) Ethyl Acetate	7.063	43	95029	50.451	ug/l #	94
38) Carbon Tetrachloride	7.892	117	171416	50.536	ug/l	100
39) Methylcyclohexane	9.179	83	207003	53.057	ug/l	88
40) Benzene	8.155	78	475572	50.632	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	125626	129.937	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	132027	50.491	ug/l	90
43) Isopropyl Acetate	8.264	43	170488	51.587	ug/l #	92
44) Trichloroethene	8.935	130	135333	50.307	ug/l	98
45) 1,2-Dichloropropane	9.209	63	116187	50.846	ug/l	95
46) Dibromomethane	9.301	93	69750	50.730	ug/l	96
47) Bromodichloromethane	9.490	83	161192	51.408	ug/l	97
48) Methyl methacrylate	9.289	41	76074	52.358	ug/l #	84
49) 1,4-Dioxane	9.295	88	16923	947.029	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	413233	244.973	ug/l	90
52) Toluene	10.240	92	284638	48.534	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	158553	49.180	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	193293	52.052	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	91217	47.427	ug/l	97
56) Ethyl methacrylate	10.508	69	121836	50.646	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	148644	47.259	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	308801	294.514	ug/l	94
59) 2-Hexanone	10.831	43	310747	259.038	ug/l	89
60) Dibromochloromethane	10.983	129	110416	47.521	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89510	47.799	ug/l	100
64) Tetrachloroethene	10.715	164	127605	49.089	ug/l	98
65) Chlorobenzene	11.514	112	329484	49.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	123659	50.138	ug/l	98
67) Ethyl Benzene	11.587	91	586785	51.092	ug/l	99
68) m/p-Xylenes	11.697	106	471301	102.694	ug/l	91
69) o-Xylene	12.026	106	221358	51.383	ug/l	90
70) Styrene	12.044	104	375531	51.898	ug/l	94
71) Bromoform	12.203	173	81400	51.463	ug/l #	99
73) Isopropylbenzene	12.325	105	581575	50.798	ug/l	100
74) N-amyl acetate	12.142	43	158465	52.148	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	113916	49.799	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	152117	92.036	ug/l #	100
77) Bromobenzene	12.605	156	142441	49.768	ug/l	90
78) n-propylbenzene	12.666	91	697389	51.129	ug/l	98
79) 2-Chlorotoluene	12.751	91	390051	50.771	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	484197	51.130	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	41566	51.154	ug/l	86
82) 4-Chlorotoluene	12.855	91	403029	50.080	ug/l	96
83) tert-Butylbenzene	13.074	119	429012	51.456	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	481789	51.478	ug/l	97
85) sec-Butylbenzene	13.251	105	633479	51.921	ug/l	98
86) p-Isopropyltoluene	13.367	119	539930	52.111	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	281804	50.017	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	280059	49.388	ug/l	98
89) n-Butylbenzene	13.696	91	495174	52.274	ug/l	98
90) Hexachloroethane	13.958	117	100073	49.314	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	251103	49.673	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18806	50.327	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	160452	50.260	ug/l	100
94) Hexachlorobutadiene	15.111	225	93920	48.998	ug/l	98
95) Naphthalene	15.233	128	317457	53.222	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	138734	50.161	ug/l	99

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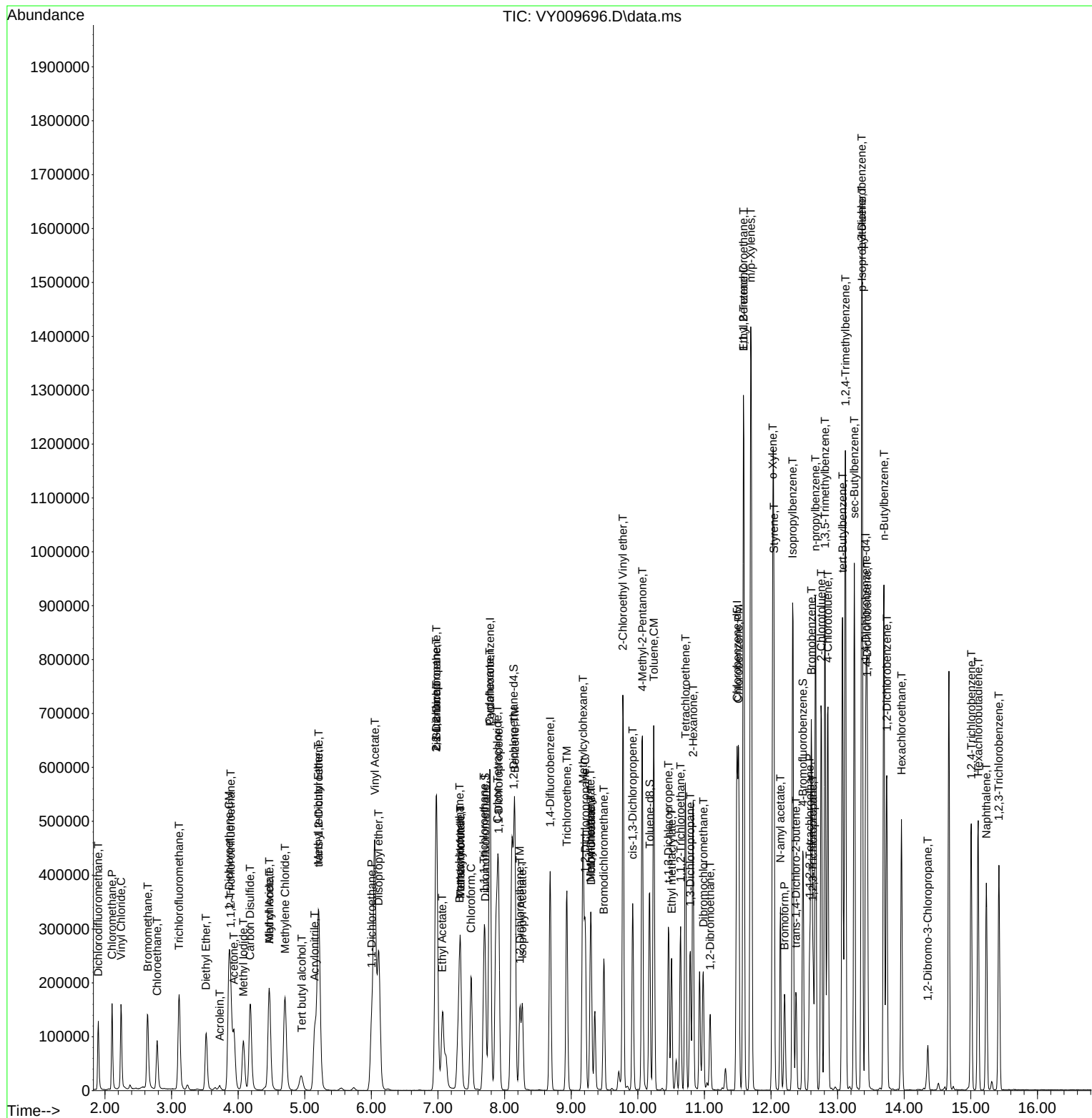
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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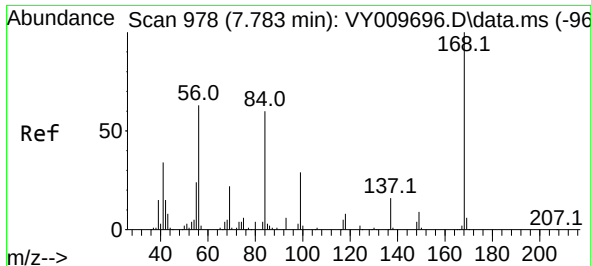
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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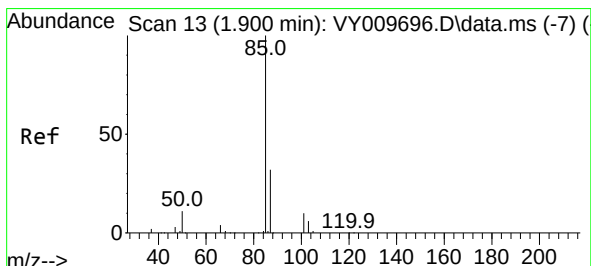
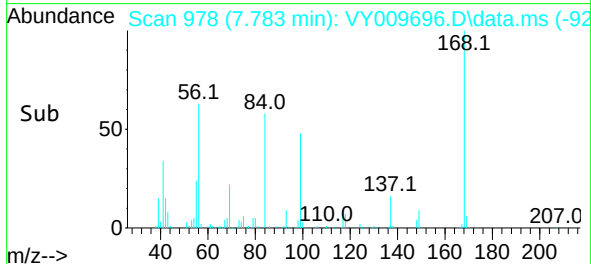
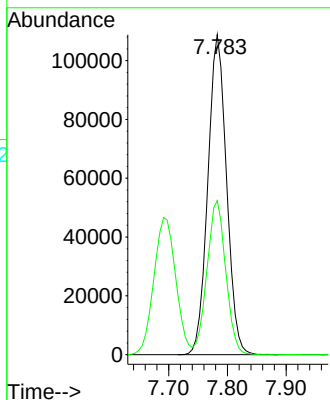
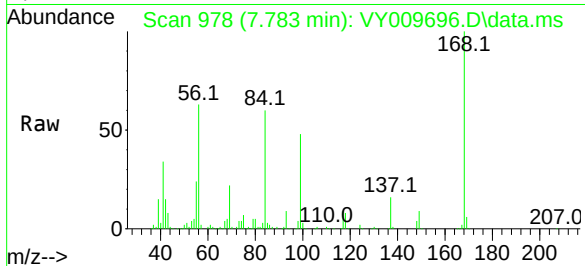




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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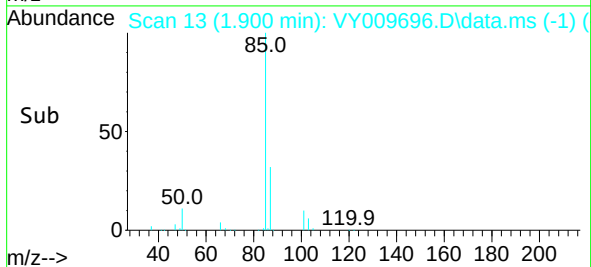
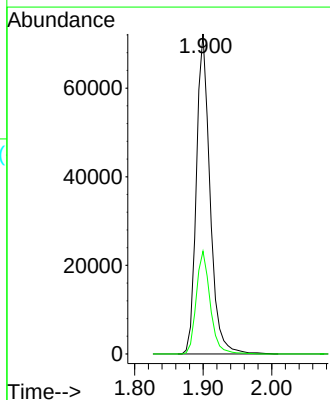
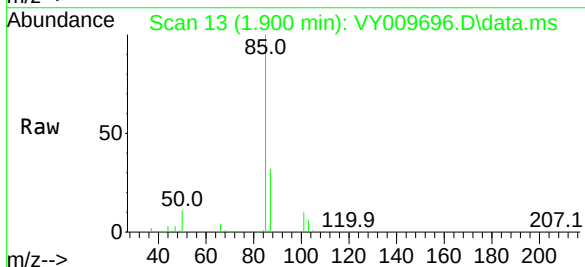
Instrument :
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VSTDICCC050

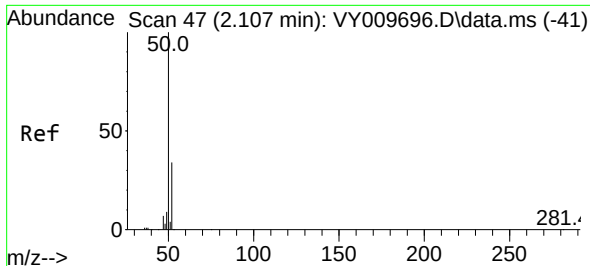
Tgt Ion:168 Resp: 240300
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 47.761 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 85 Resp: 100282
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

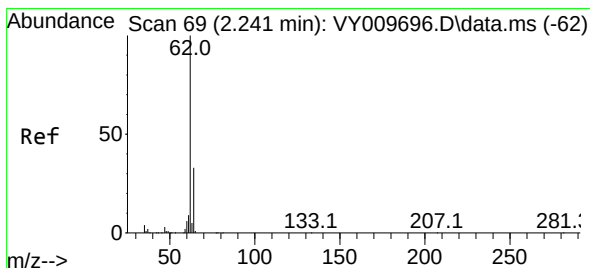
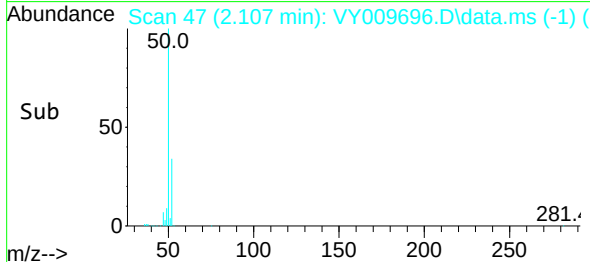
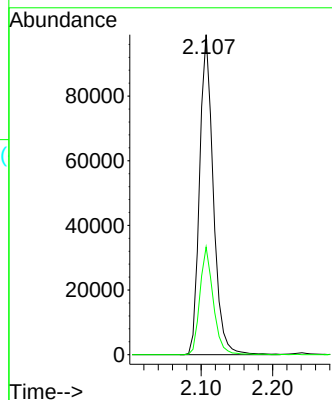
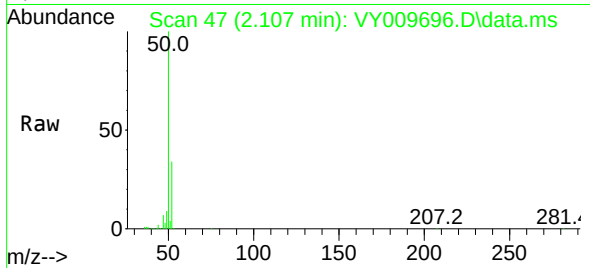




#3
Chloromethane
Concen: 49.732 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

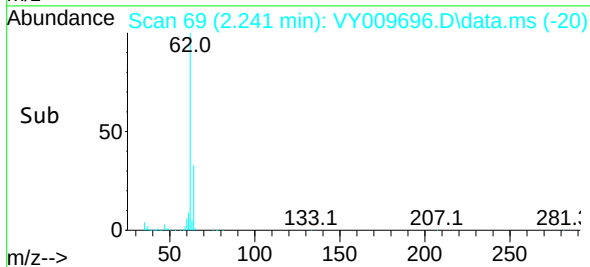
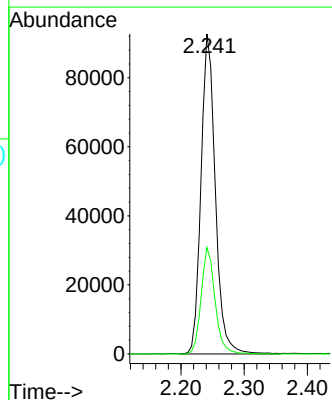
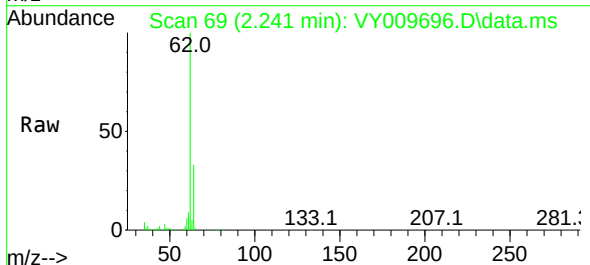
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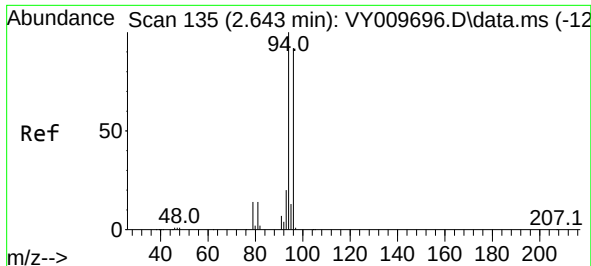
Tgt Ion: 50 Resp: 131592
Ion Ratio Lower Upper
50 100
52 33.6 24.6 37.0



#4
Vinyl Chloride
Concen: 50.071 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 62 Resp: 146324
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6

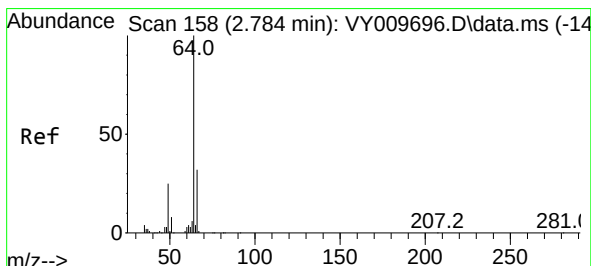
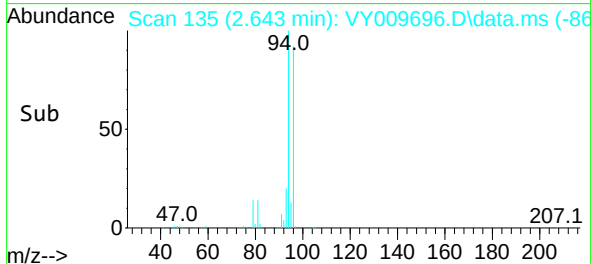
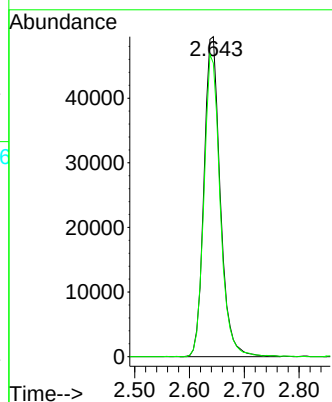
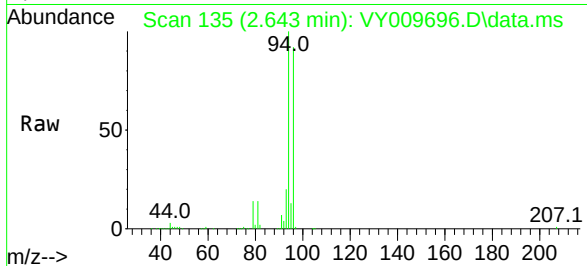




#5
Bromomethane
Concen: 50.691 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
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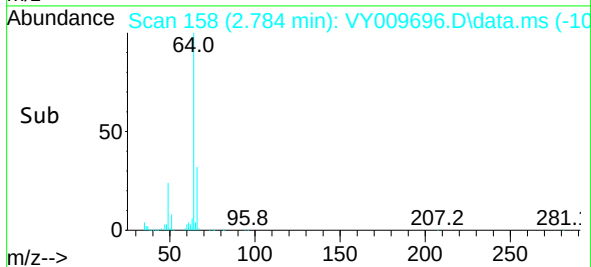
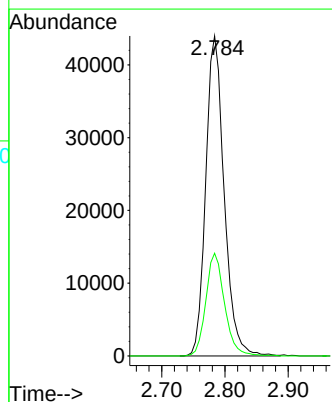
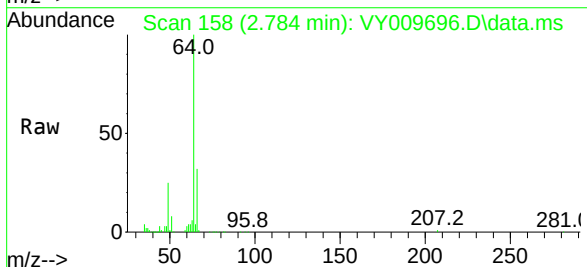
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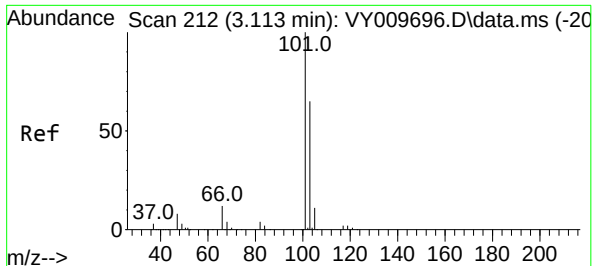
Tgt Ion: 94 Resp: 101793
Ion Ratio Lower Upper
94 100
96 91.7 73.5 110.3



#6
Chloroethane
Concen: 50.896 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 64 Resp: 89131
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.0

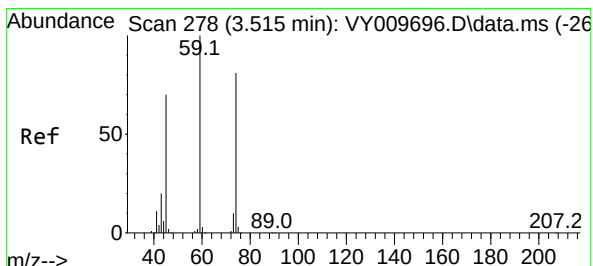
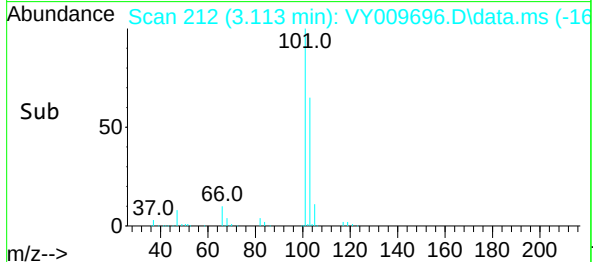
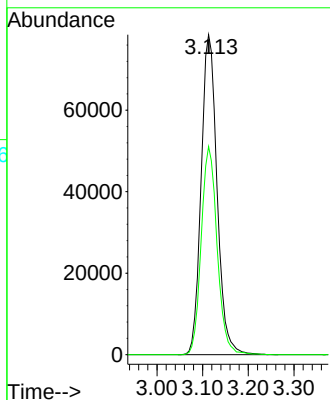
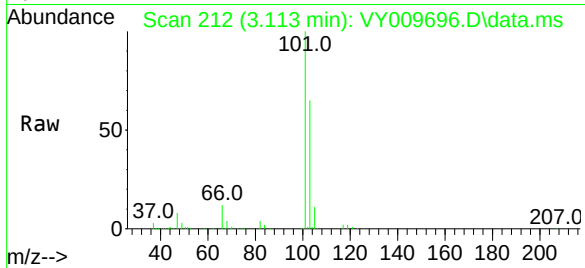




#7
Trichlorofluoromethane
Concen: 49.272 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

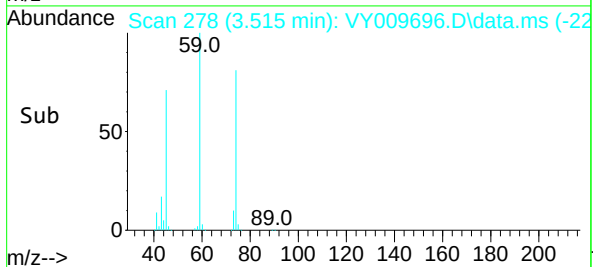
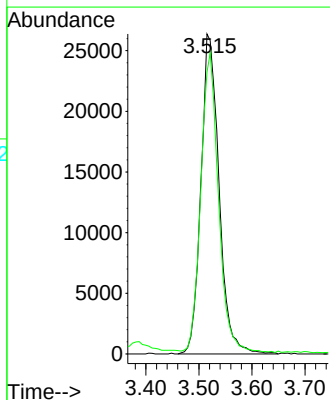
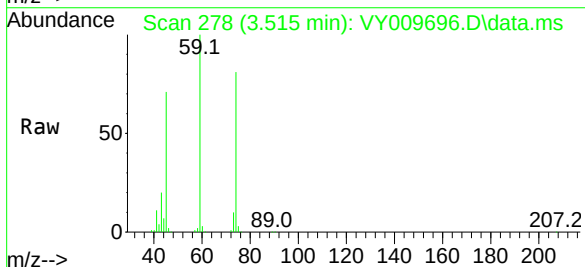
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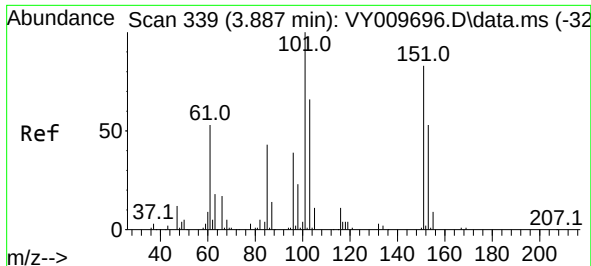
Tgt Ion:101 Resp: 189516
Ion Ratio Lower Upper
101 100
103 65.1 48.0 72.0



#8
Diethyl Ether
Concen: 49.996 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 62592
Ion Ratio Lower Upper
74 100
45 90.7 55.1 165.5

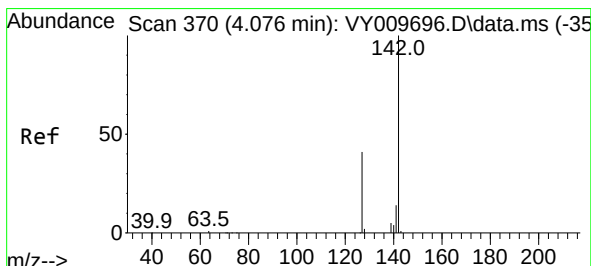
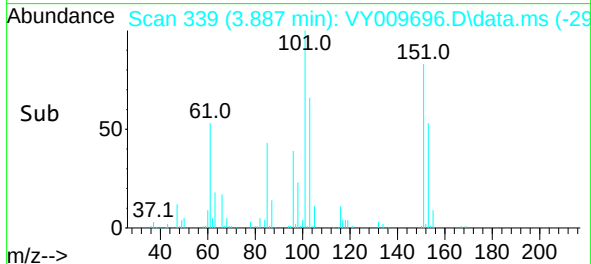
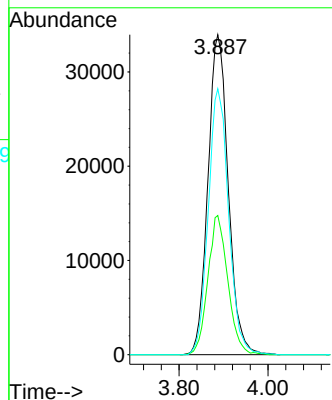
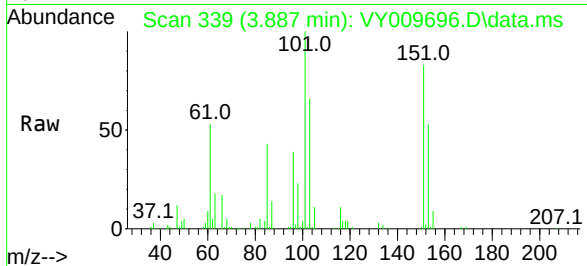




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.582 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

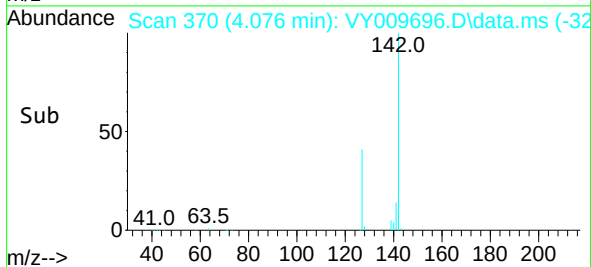
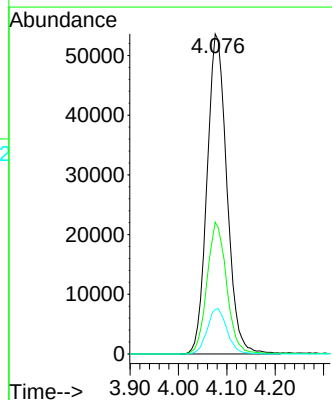
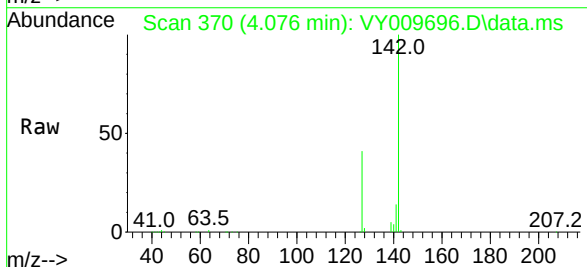
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

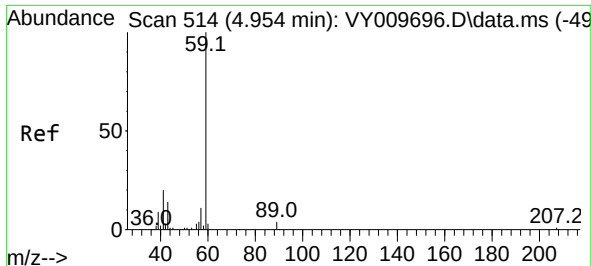
Tgt Ion:101 Resp: 107997
Ion Ratio Lower Upper
101 100
85 42.8 40.6 60.8
151 83.2 64.9 97.3



#10
Methyl Iodide
Concen: 53.175 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion:142 Resp: 152693
Ion Ratio Lower Upper
142 100
127 40.8 41.5 62.3#
141 14.1 11.9 17.9

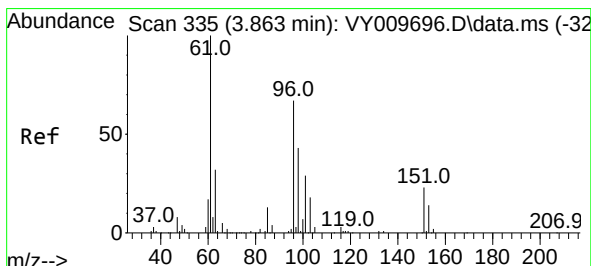
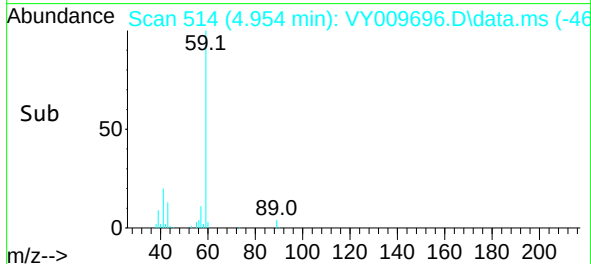
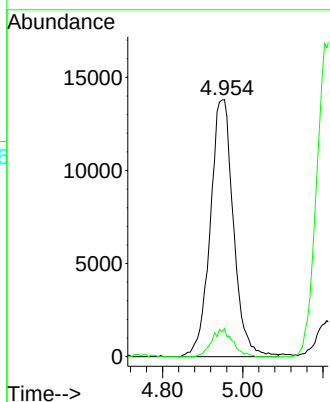
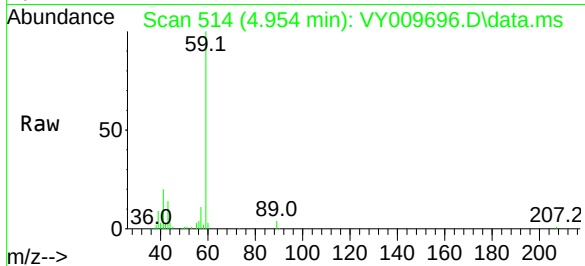




#11
Tert butyl alcohol
Concen: 215.953 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

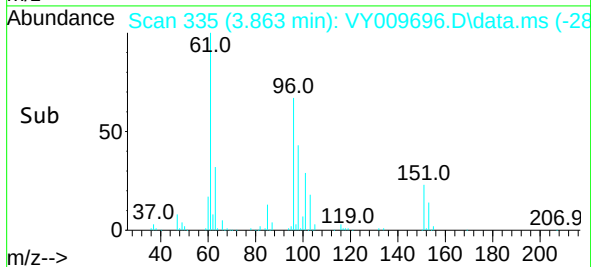
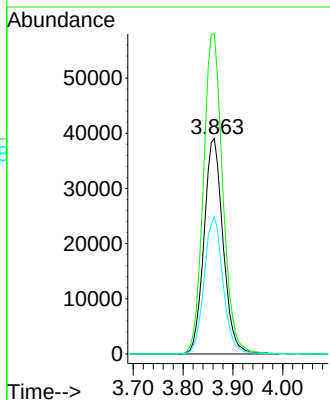
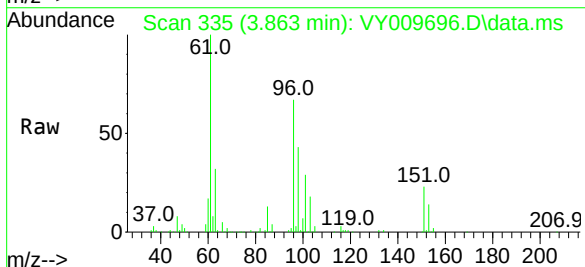
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

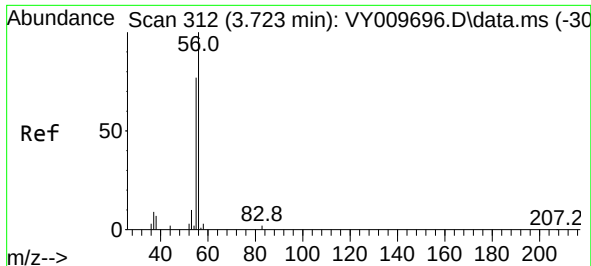
Tgt Ion: 59 Resp: 55263
Ion Ratio Lower Upper
59 100
57 9.9 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 50.617 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 96 Resp: 103790
Ion Ratio Lower Upper
96 100
61 148.6 145.8 218.6
98 63.9 52.5 78.7





#13

Acrolein

Concen: 208.047 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

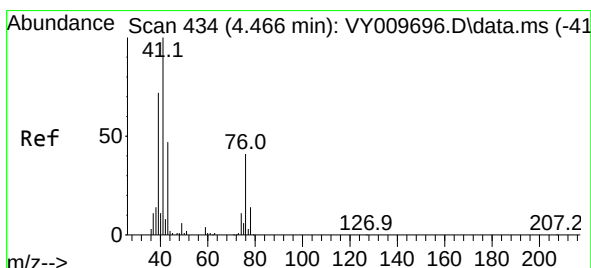
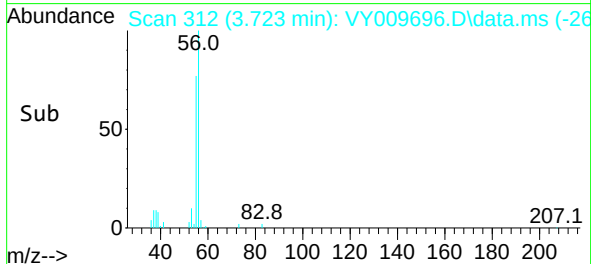
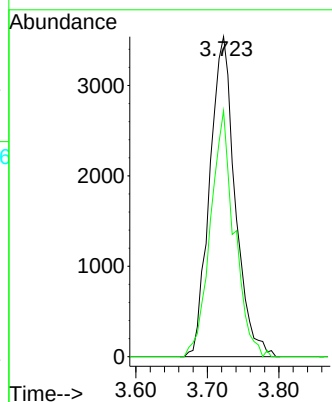
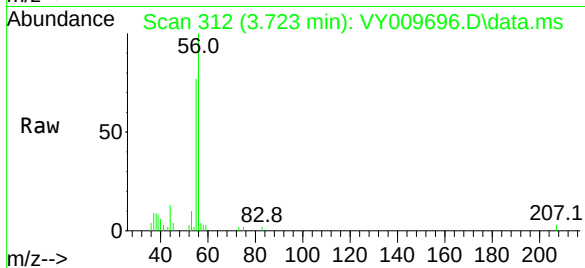
VSTDICCC050

Tgt Ion: 56 Resp: 8754

Ion Ratio Lower Upper

56 100

55 72.2 57.6 86.4



#14

Allyl chloride

Concen: 50.078 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

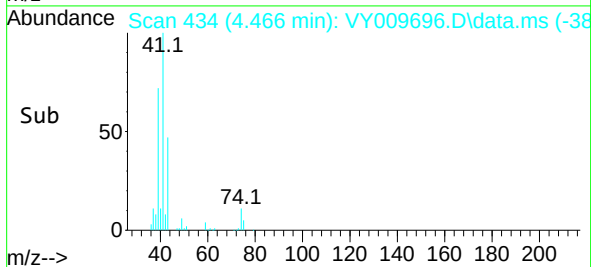
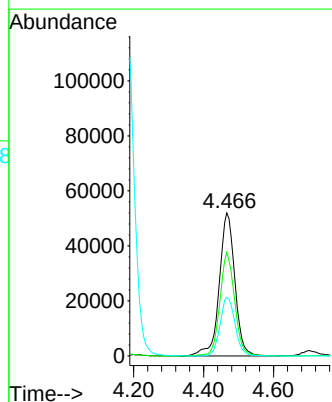
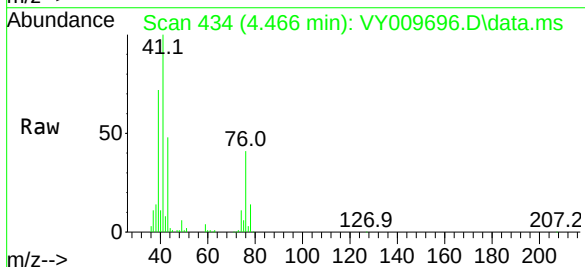
Tgt Ion: 41 Resp: 161315

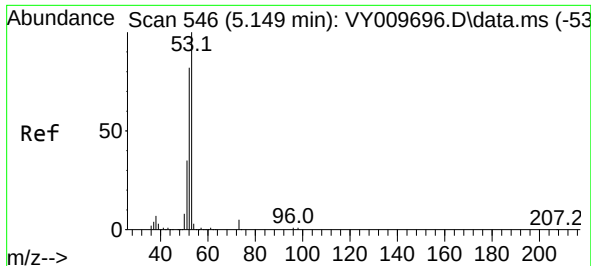
Ion Ratio Lower Upper

41 100

39 68.3 58.8 88.2

76 39.2 25.1 37.7#

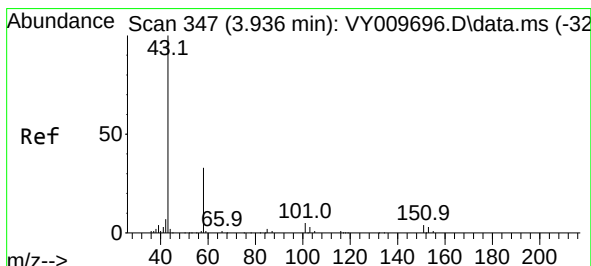
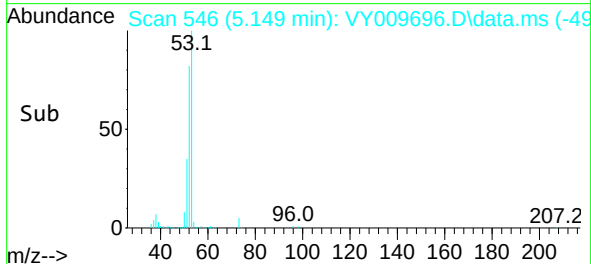
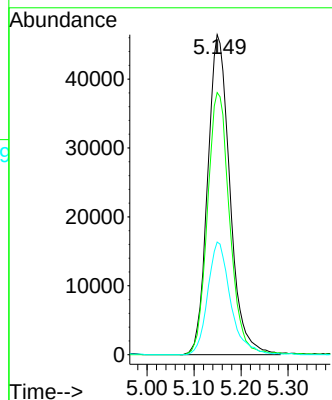
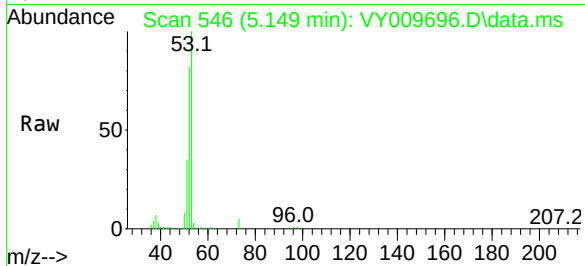




#15
Acrylonitrile
Concen: 249.590 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

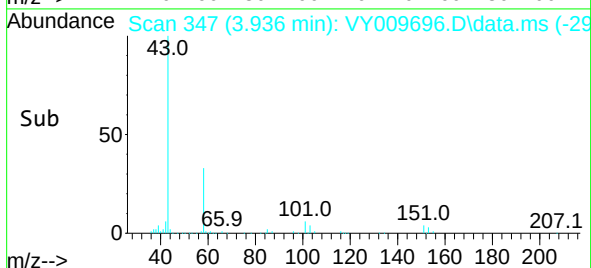
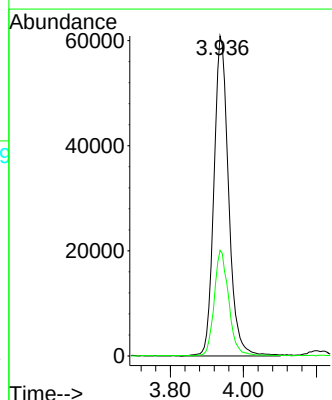
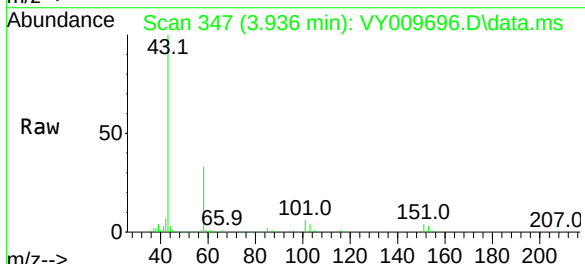
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

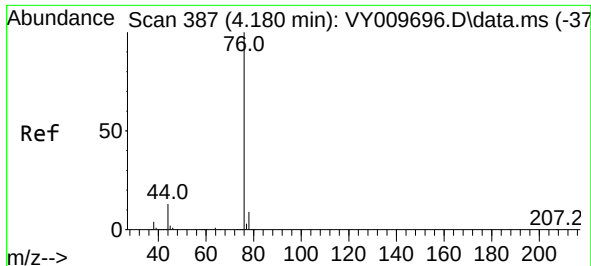
Tgt Ion: 53 Resp: 152574
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 36.2 29.8 44.6



#16
Acetone
Concen: 294.365 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 43 Resp: 169695
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

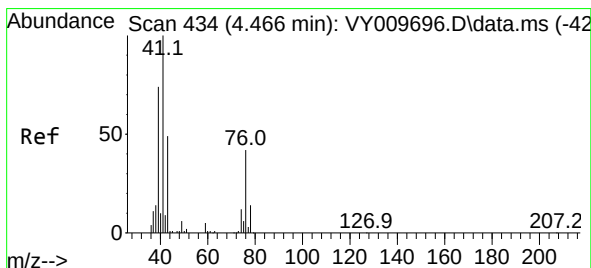
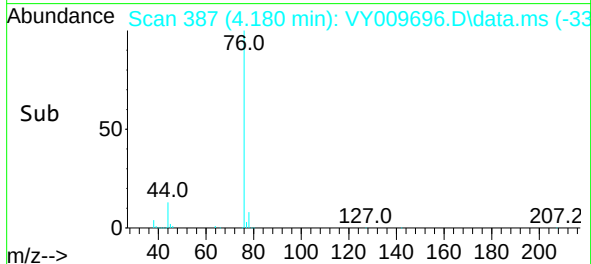
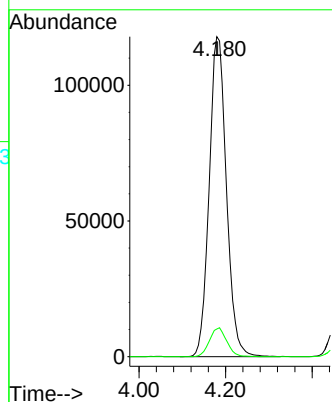
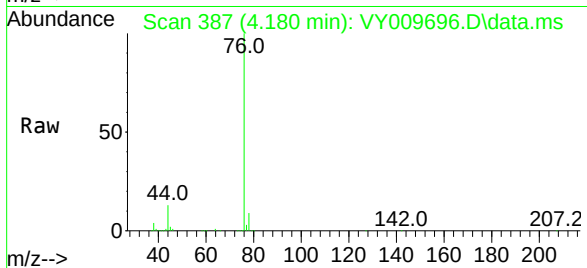




#17
Carbon Disulfide
Concen: 51.645 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

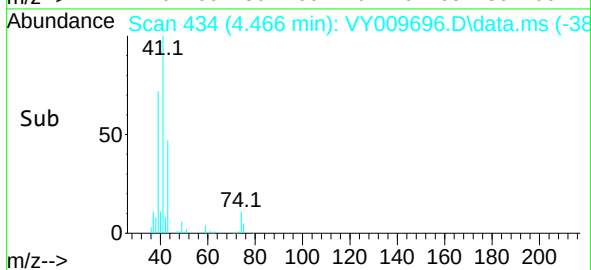
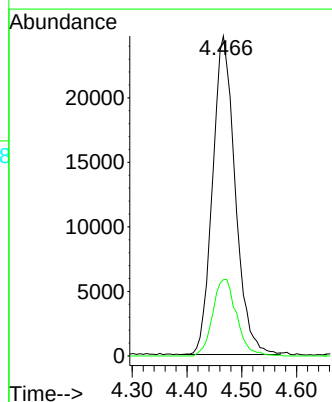
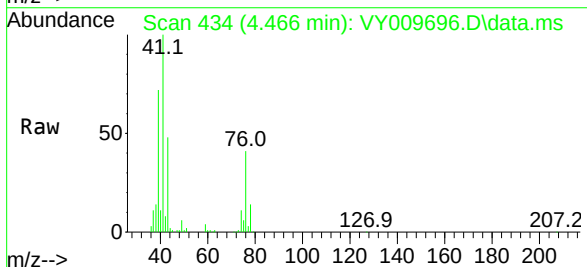
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

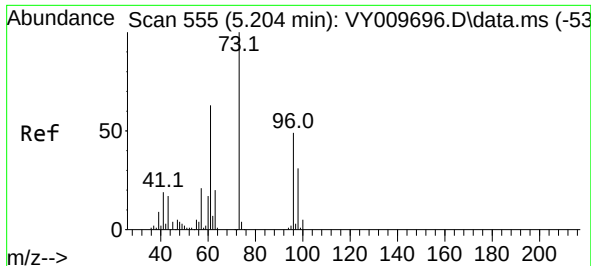
Tgt Ion: 76 Resp: 325617
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 41.848 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 43 Resp: 70757
Ion Ratio Lower Upper
43 100
74 25.5 16.6 24.8#

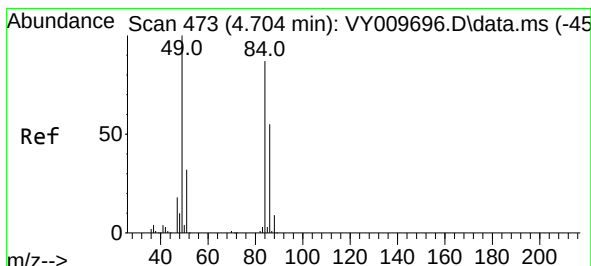
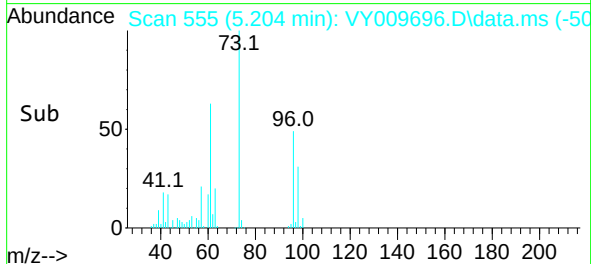
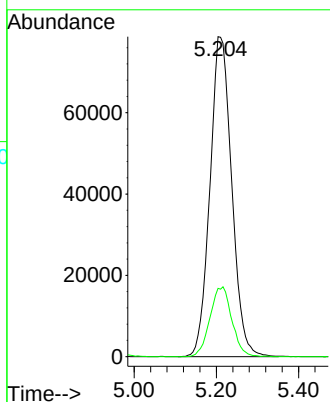
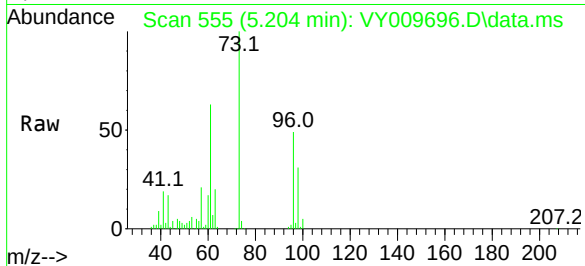




#19
Methyl tert-butyl Ether
Concen: 51.199 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

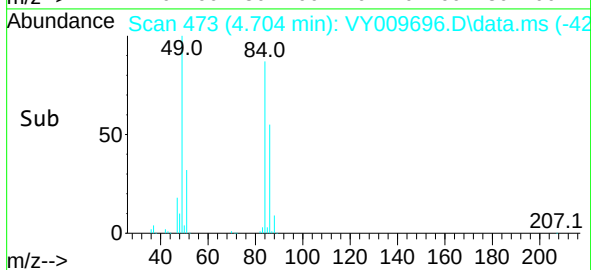
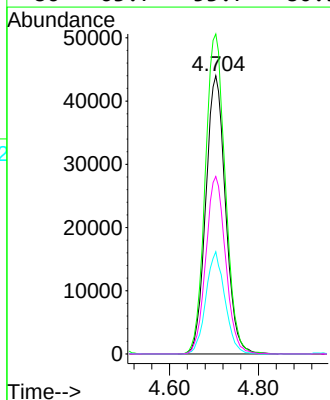
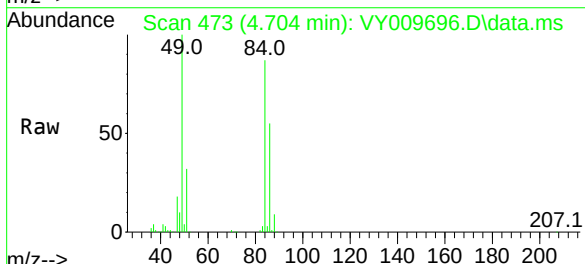
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

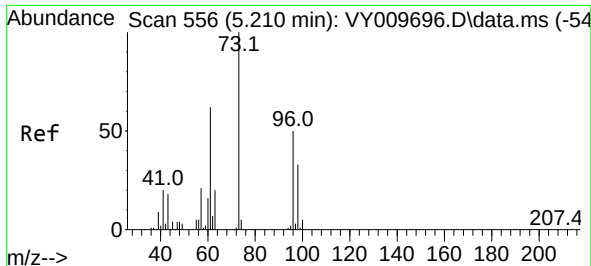
Tgt Ion: 73 Resp: 289298
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8



#20
Methylene Chloride
Concen: 34.781 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 84 Resp: 135798
Ion Ratio Lower Upper
84 100
49 115.0 114.4 171.6
51 36.7 35.3 52.9
86 63.7 53.7 80.5

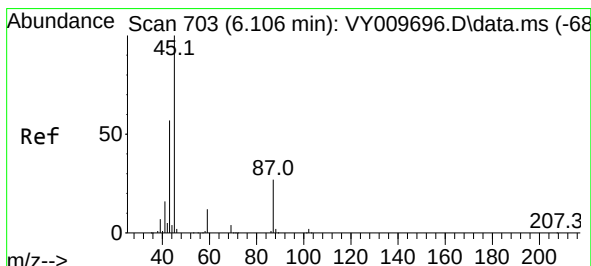
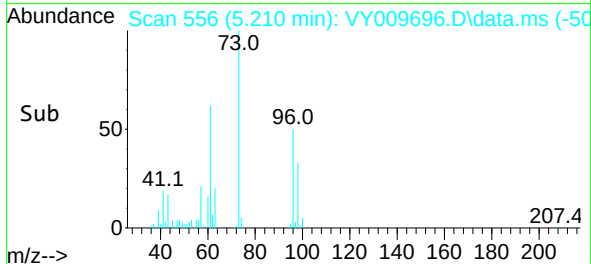
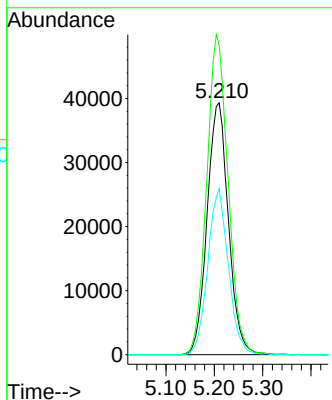
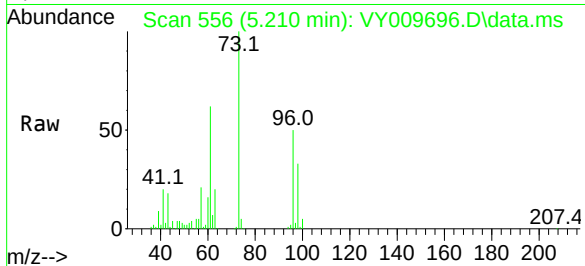




#21
trans-1,2-Dichloroethene
Concen: 50.249 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

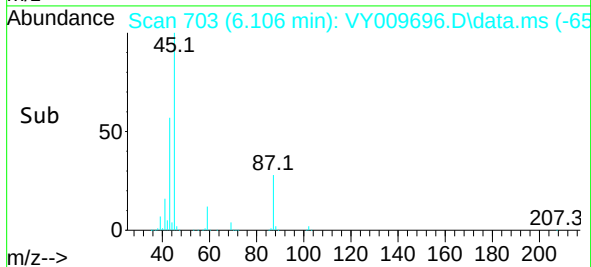
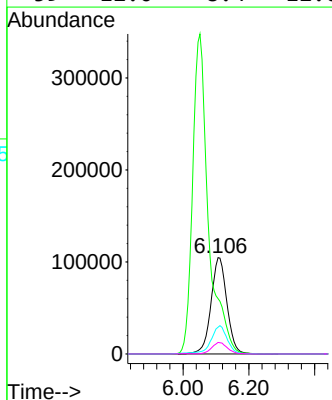
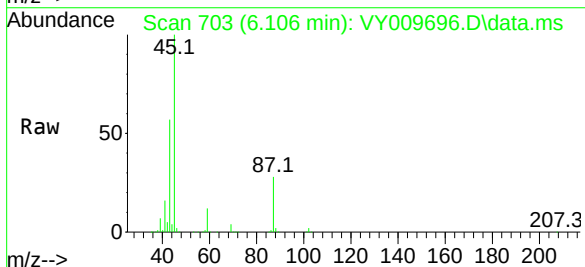
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

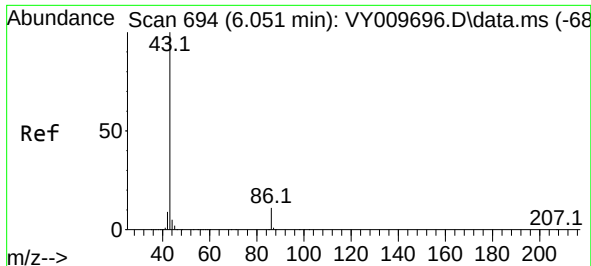
Tgt Ion: 96 Resp: 120530
Ion Ratio Lower Upper
96 100
61 123.1 120.5 180.7
98 66.0 49.8 74.8



#22
Diisopropyl ether
Concen: 50.954 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 45 Resp: 351902
Ion Ratio Lower Upper
45 100
43 57.2 49.3 73.9
87 27.8 19.2 28.8
59 12.0 8.4 12.6

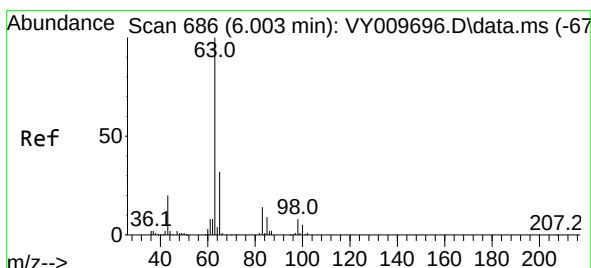
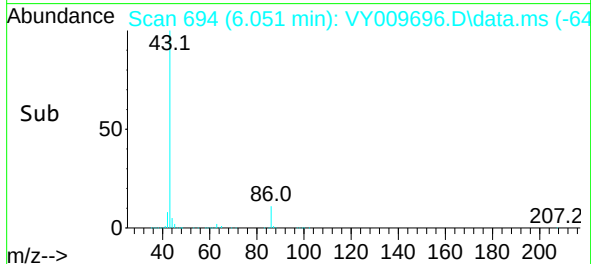
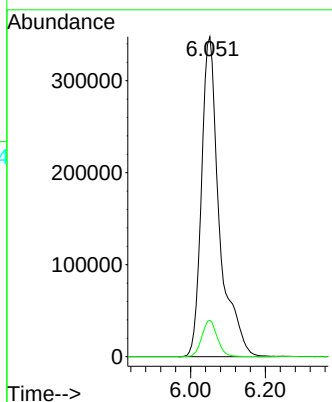
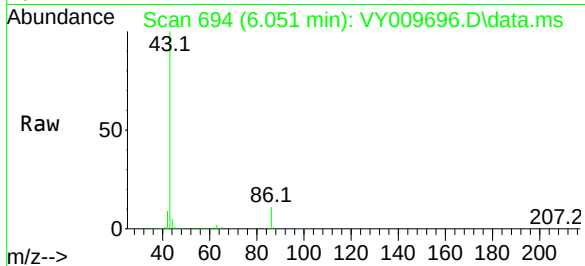




#23
 Vinyl Acetate
 Concen: 270.951 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009696.D
 Acq: 26 Jul 2022 12:54

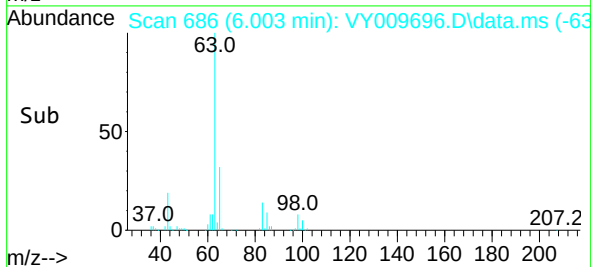
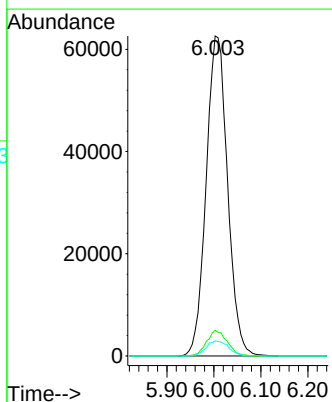
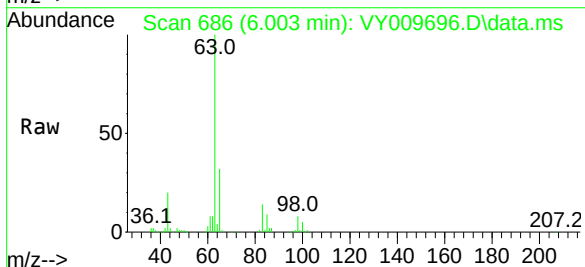
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

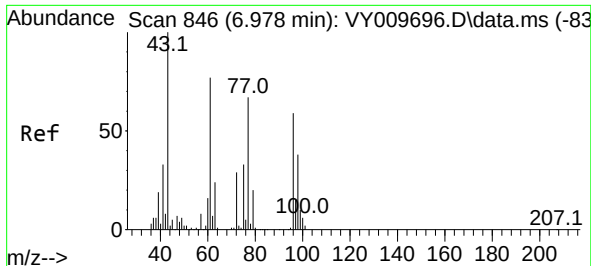
Tgt Ion: 43 Resp: 1155554
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.737 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009696.D
 Acq: 26 Jul 2022 12:54

Tgt Ion: 63 Resp: 198056
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 4.8 2.0 5.8

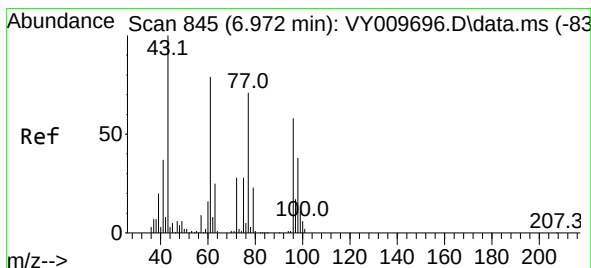
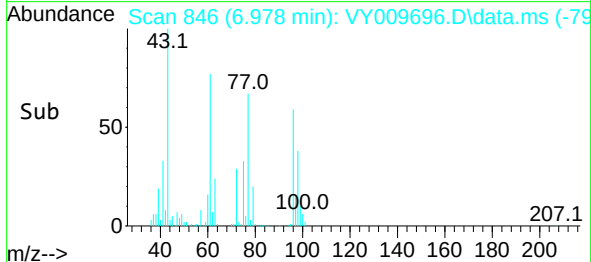
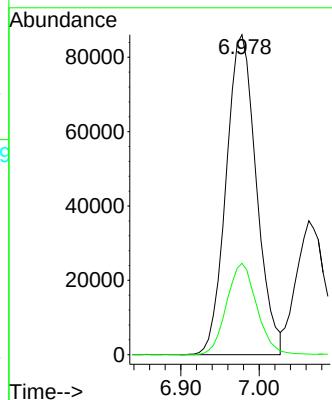
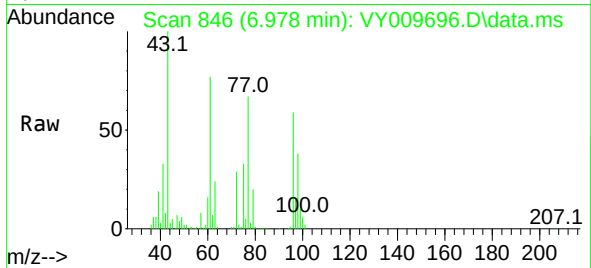




#25
2-Butanone
Concen: 271.106 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

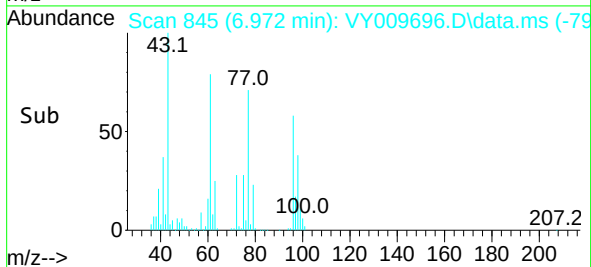
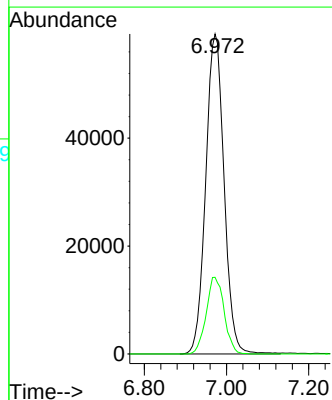
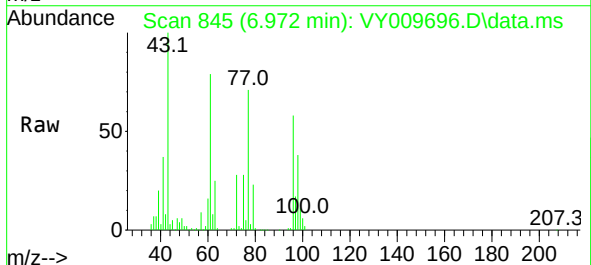
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

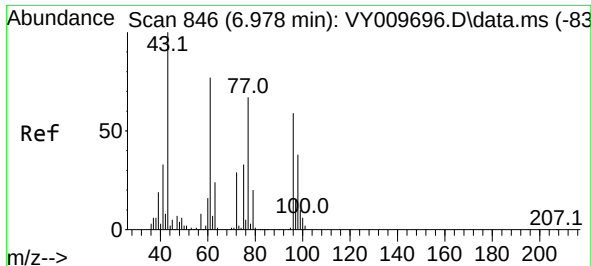
Tgt Ion: 43 Resp: 231174
Ion Ratio Lower Upper
43 100
72 28.6 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 48.506 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 77 Resp: 183686
Ion Ratio Lower Upper
77 100
97 23.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.392 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

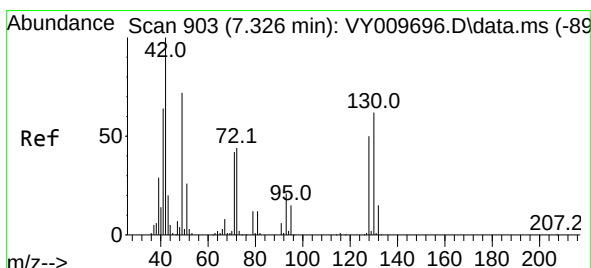
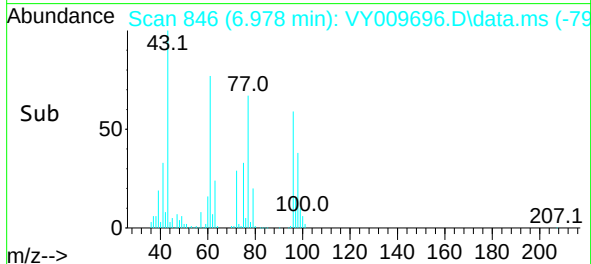
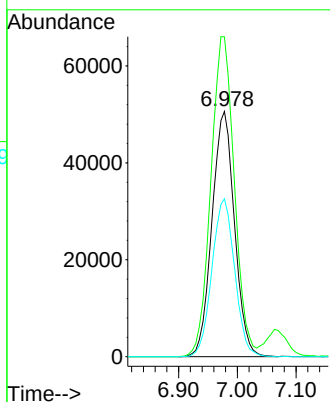
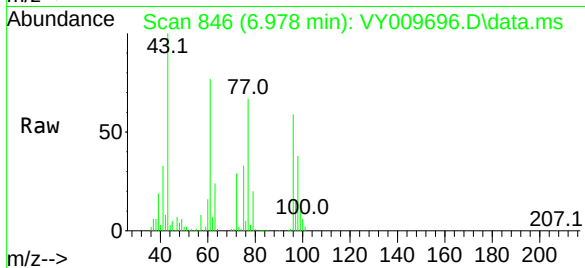
Tgt Ion: 96 Resp: 134727

Ion Ratio Lower Upper

96 100

61 135.8 0.0 319.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 49.228 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

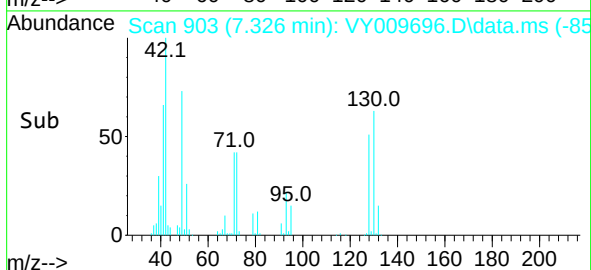
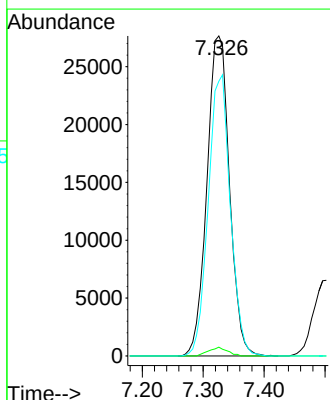
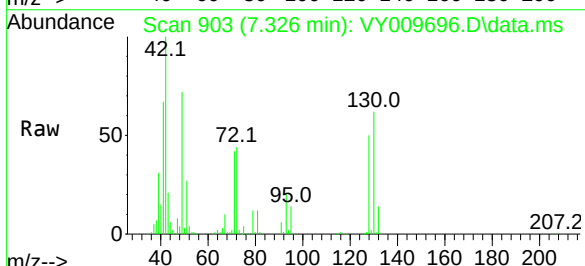
Tgt Ion: 49 Resp: 71248

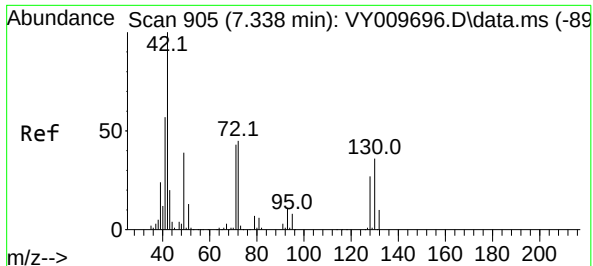
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 85.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 258.801 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

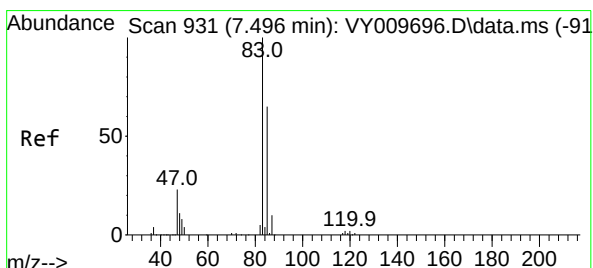
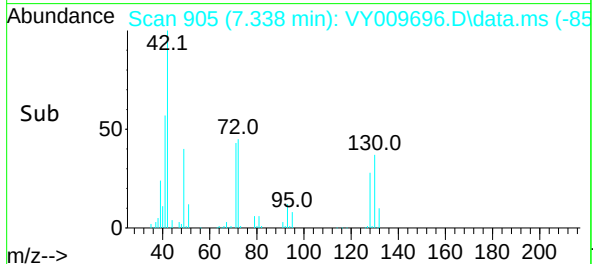
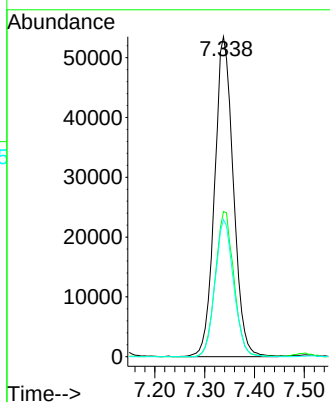
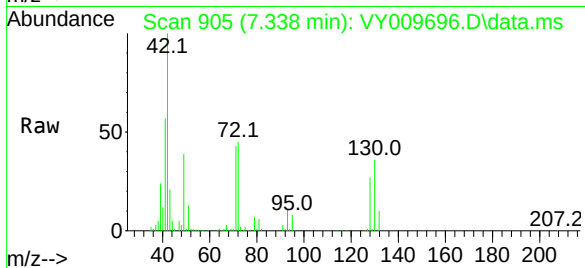
Tgt Ion: 42 Resp: 140038

Ion Ratio Lower Upper

42 100

72 44.9 30.3 45.5

71 42.2 29.0 43.4



#30

Chloroform

Concen: 49.786 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009696.D

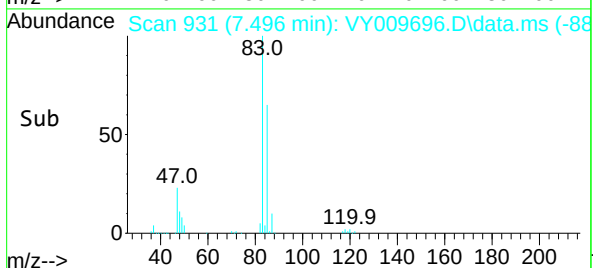
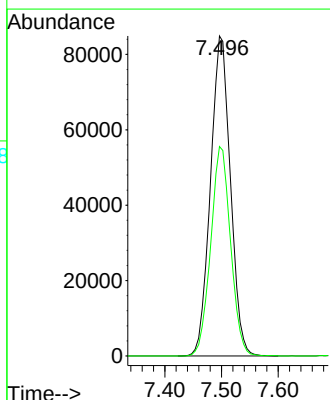
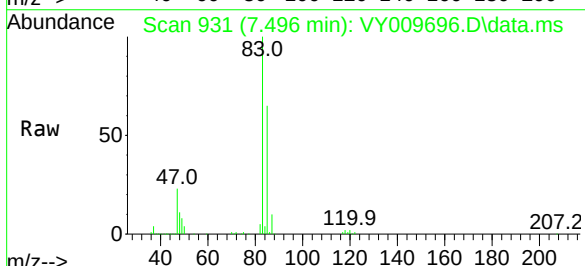
Acq: 26 Jul 2022 12:54

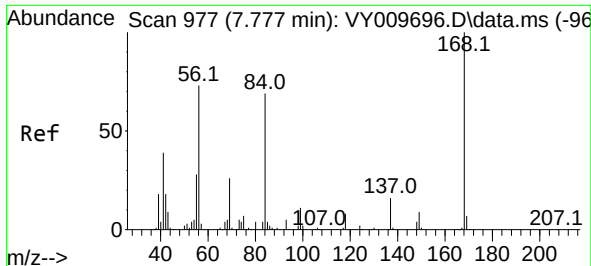
Tgt Ion: 83 Resp: 207096

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.6

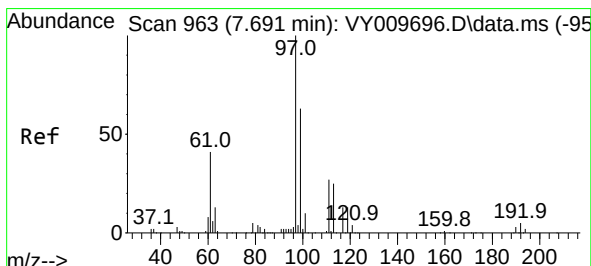
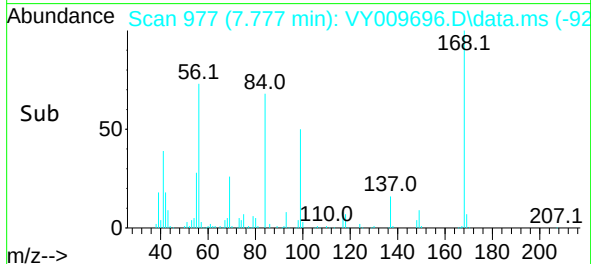
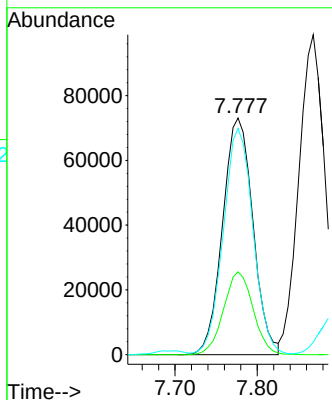
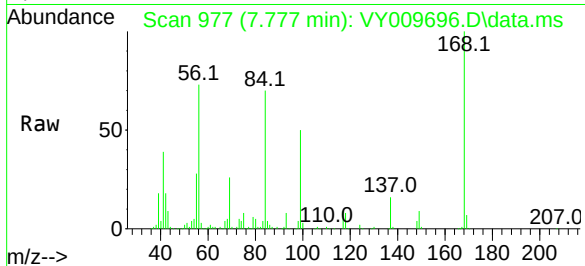




#31
Cyclohexane
Concen: 49.269 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

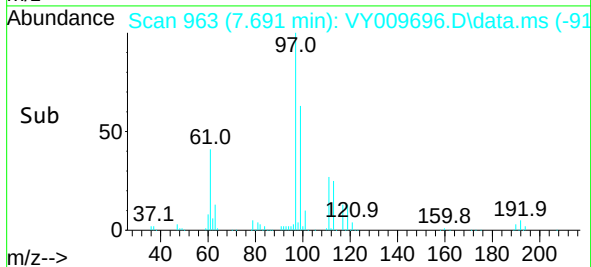
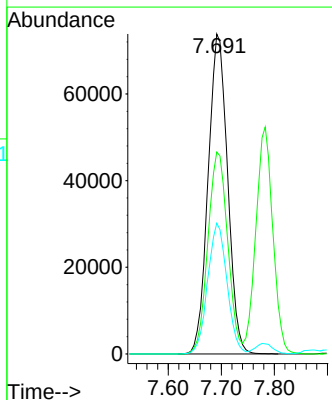
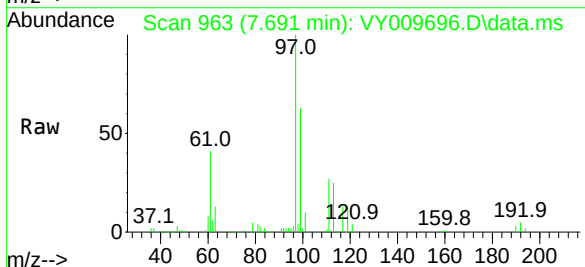
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

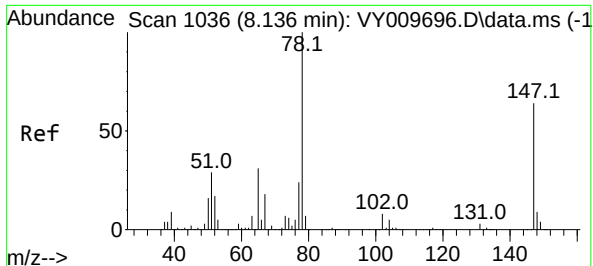
Tgt Ion: 56 Resp: 187745
Ion Ratio Lower Upper
56 100
69 35.0 26.7 40.1
84 94.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.205 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 97 Resp: 188316
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 40.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 41.862 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

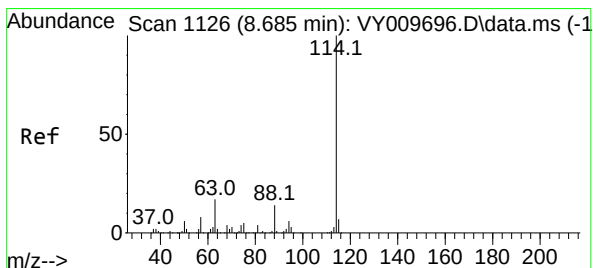
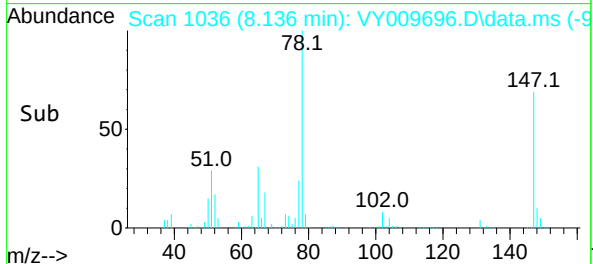
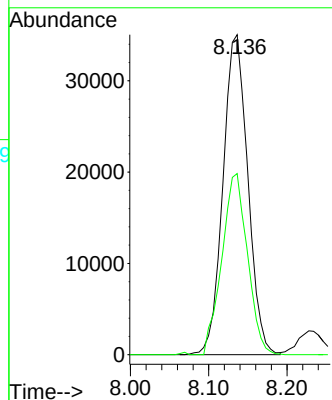
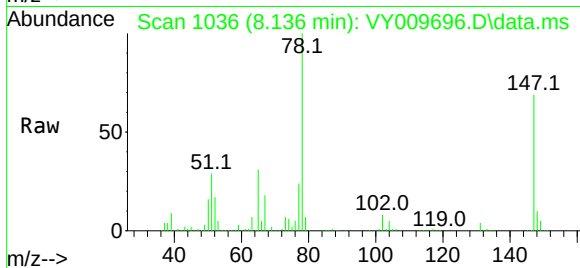
VSTDICCC050

Tgt Ion: 65 Resp: 77310

Ion Ratio Lower Upper

65 100

67 58.3 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: VY009696.D

Acq: 26 Jul 2022 12:54

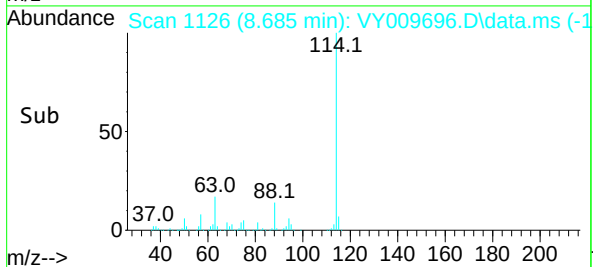
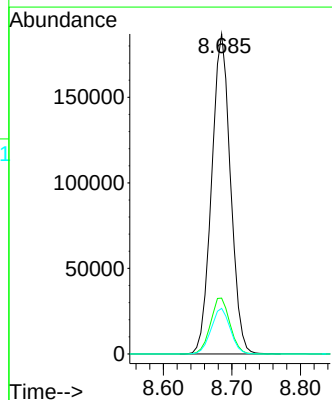
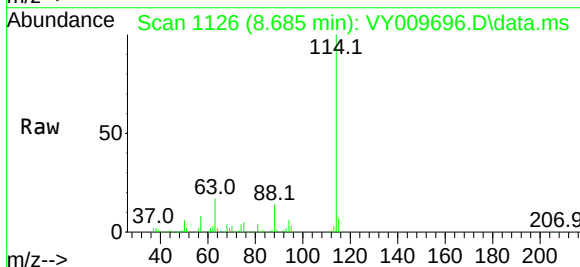
Tgt Ion: 114 Resp: 357839

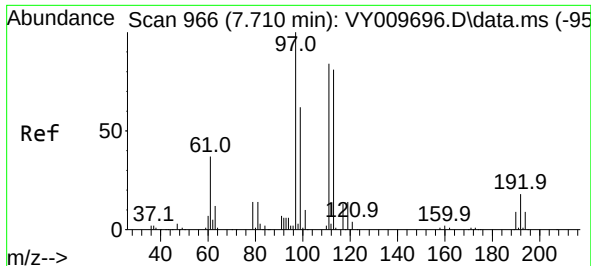
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.2 0.0 31.8

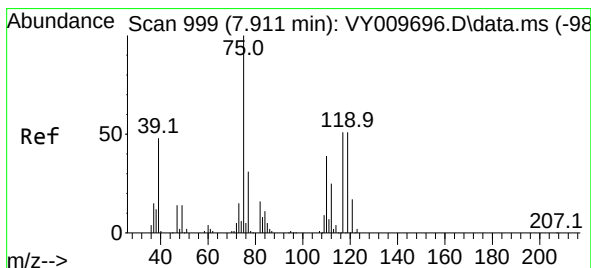
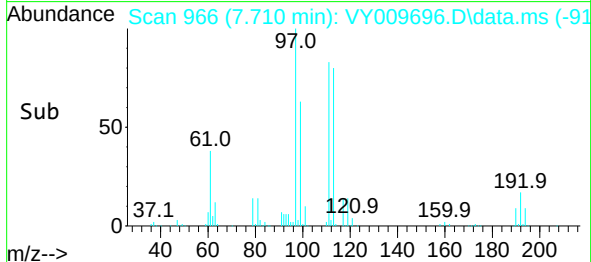
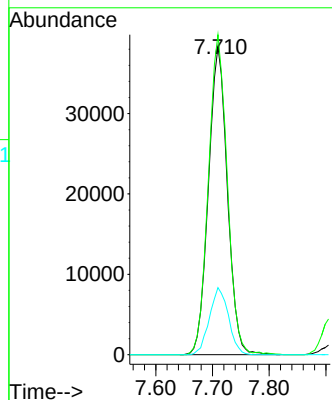
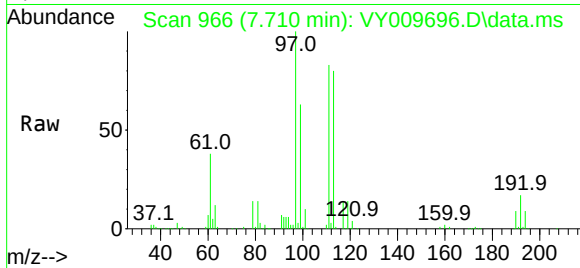




#35
Dibromofluoromethane
Concen: 45.572 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

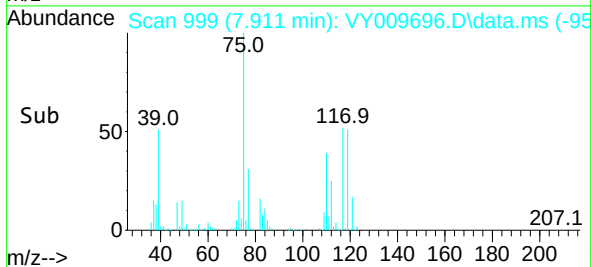
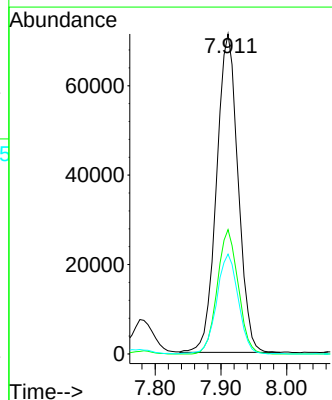
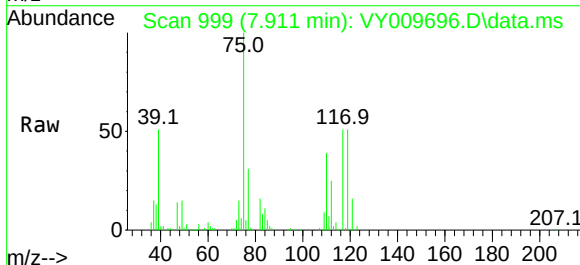
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

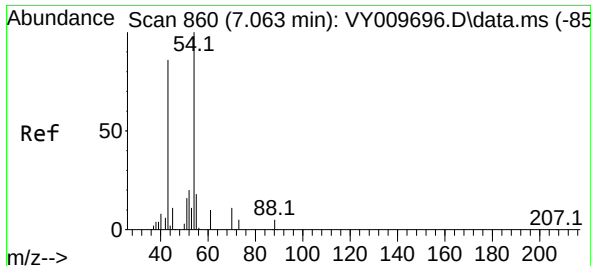
Tgt Ion:113 Resp: 88894
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.647 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 75 Resp: 162221
Ion Ratio Lower Upper
75 100
110 37.9 17.1 51.2
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 50.451 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

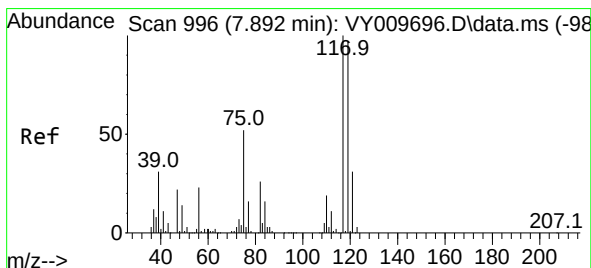
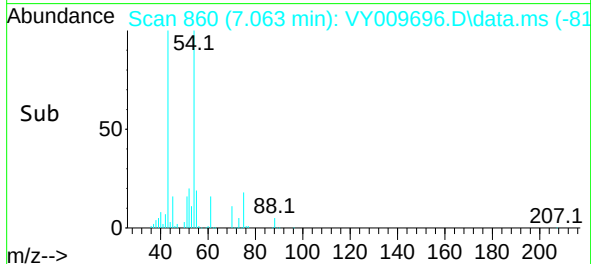
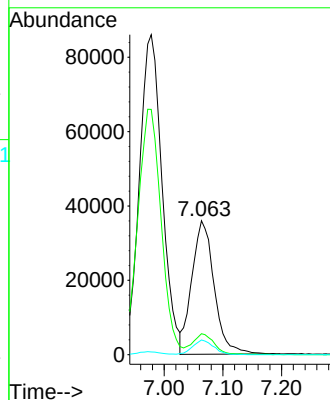
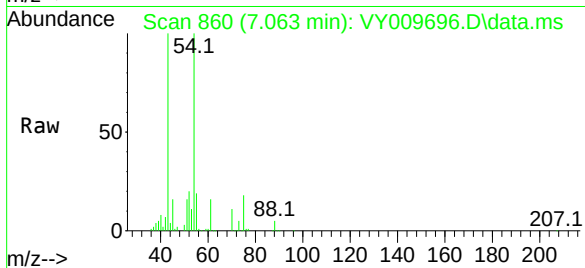
Tgt Ion: 43 Resp: 95029

Ion Ratio Lower Upper

43 100

61 14.8 9.7 14.5#

70 10.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.536 ug/l

RT: 7.892 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

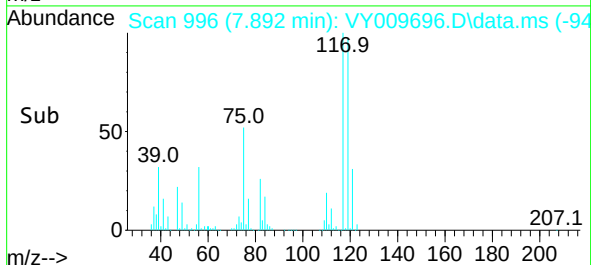
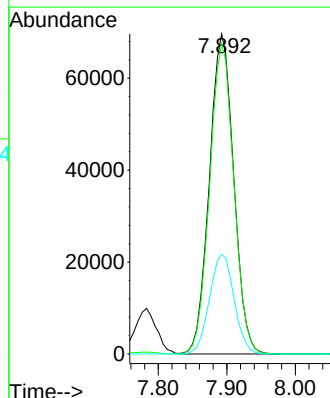
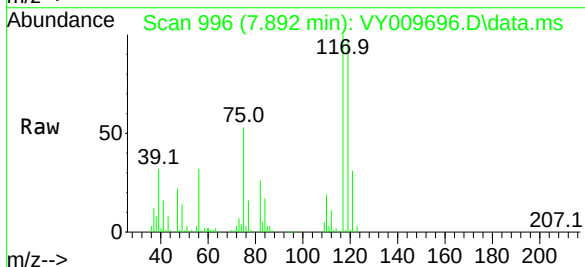
Tgt Ion: 117 Resp: 171416

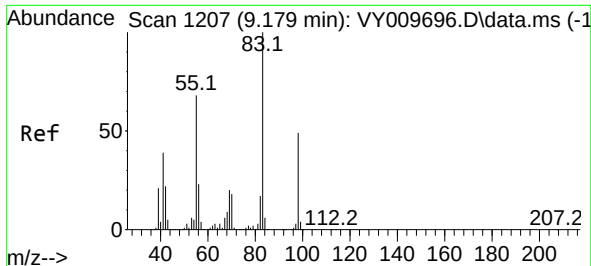
Ion Ratio Lower Upper

117 100

119 97.0 77.9 116.9

121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 53.057 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

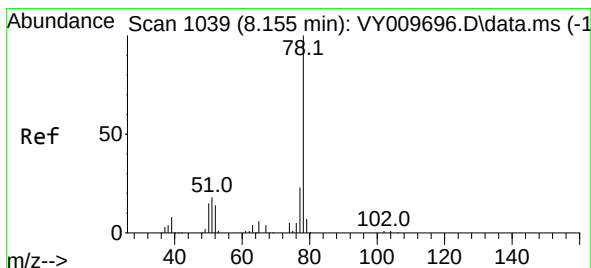
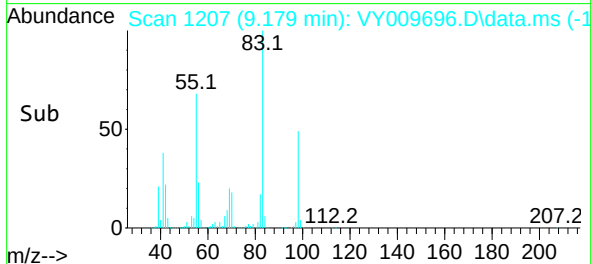
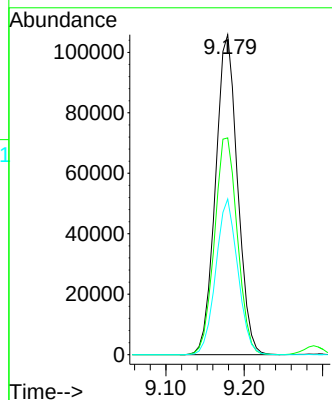
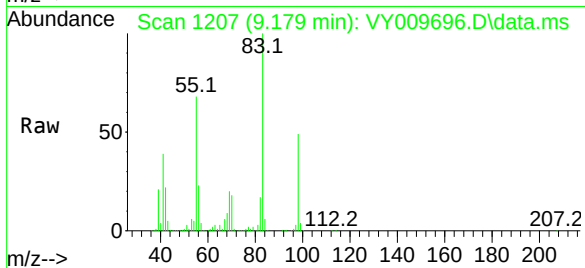
Tgt Ion: 83 Resp: 207003

Ion Ratio Lower Upper

83 100

55 67.8 66.5 99.7

98 48.7 37.9 56.9



#40

Benzene

Concen: 50.632 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009696.D

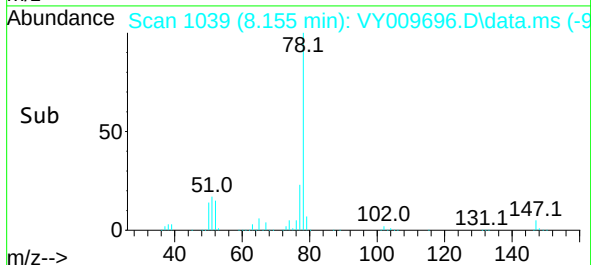
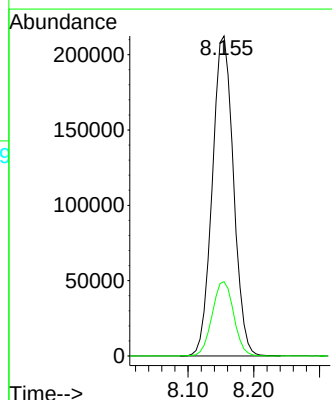
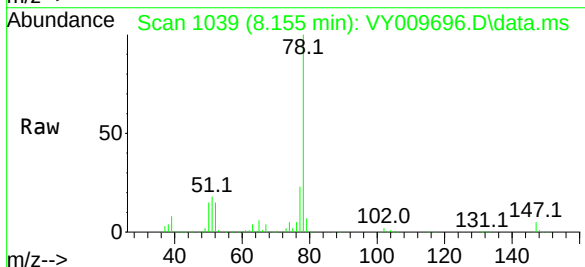
Acq: 26 Jul 2022 12:54

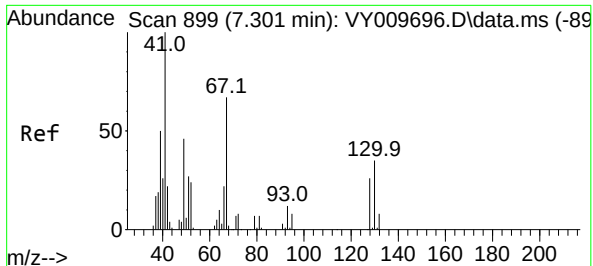
Tgt Ion: 78 Resp: 475572

Ion Ratio Lower Upper

78 100

77 23.2 20.4 30.6

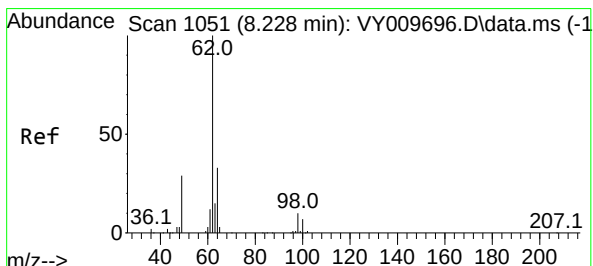
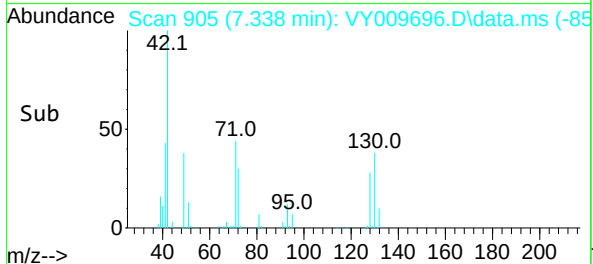
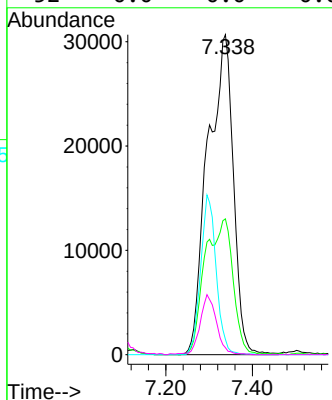
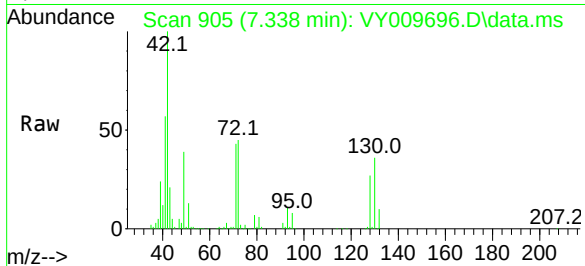




#41
Methacrylonitrile
Concen: 129.937 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

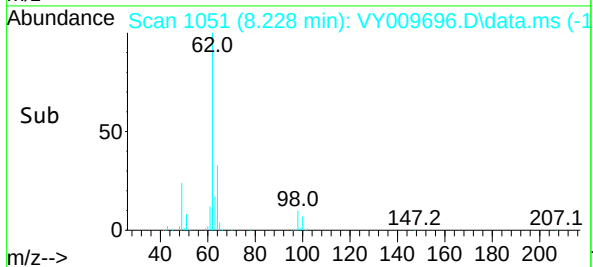
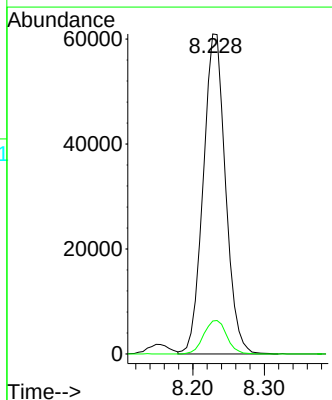
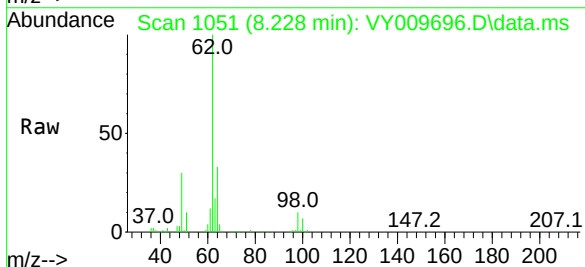
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

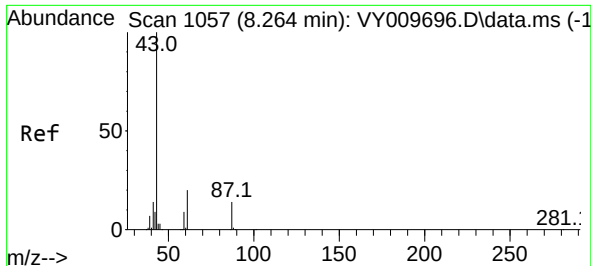
Tgt Ion: 41 Resp: 125626
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.491 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 62 Resp: 132027
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8





#43

Isopropyl Acetate

Concen: 51.587 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

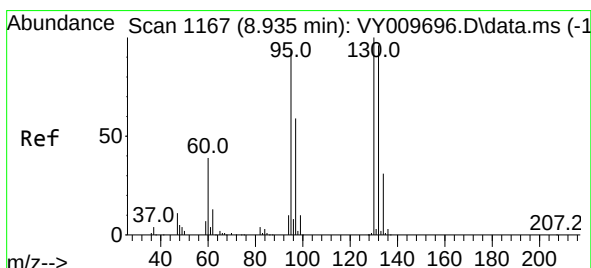
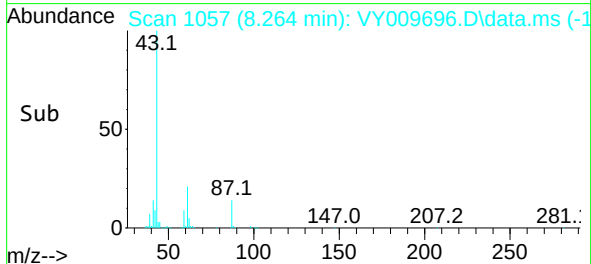
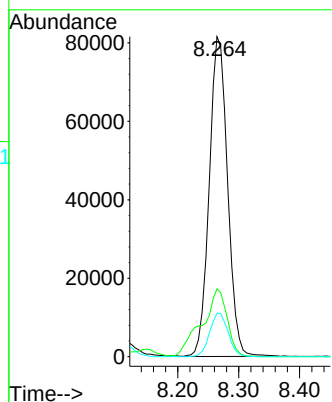
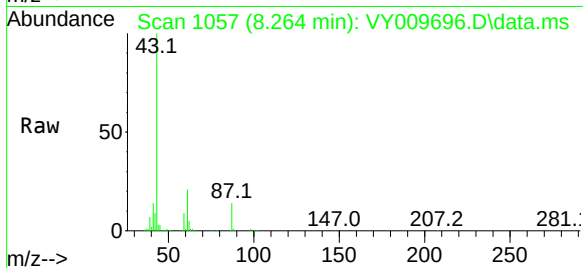
Tgt Ion: 43 Resp: 170488

Ion Ratio Lower Upper

43 100

61 29.3 20.2 30.2

87 13.7 8.9 13.3#



#44

Trichloroethene

Concen: 50.307 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009696.D

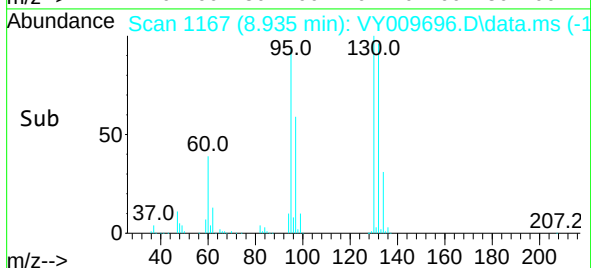
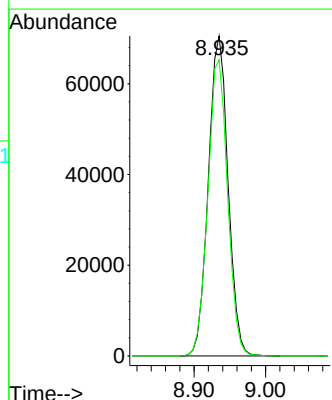
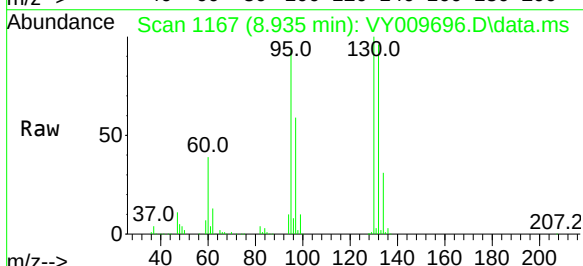
Acq: 26 Jul 2022 12:54

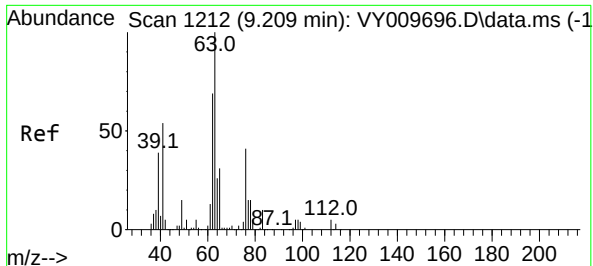
Tgt Ion:130 Resp: 135333

Ion Ratio Lower Upper

130 100

95 92.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.846 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

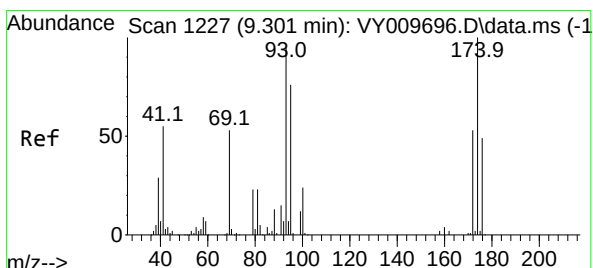
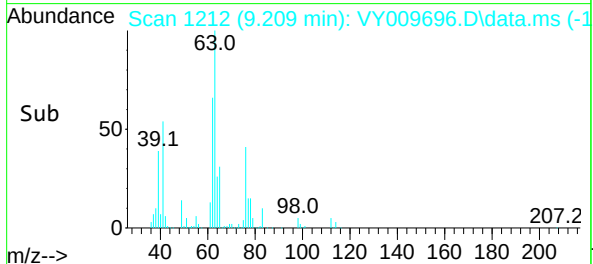
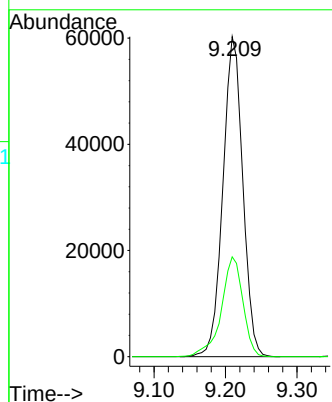
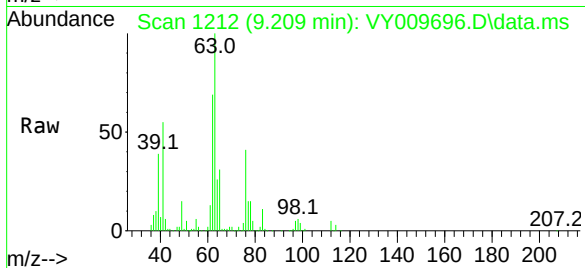
VSTDICCC050

Tgt Ion: 63 Resp: 116187

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 50.730 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

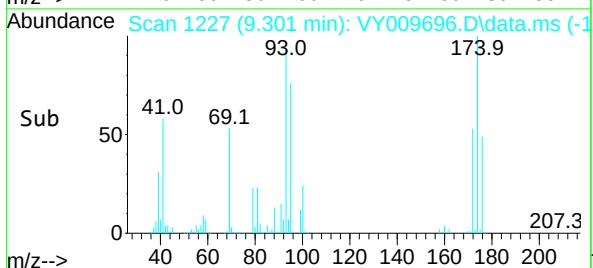
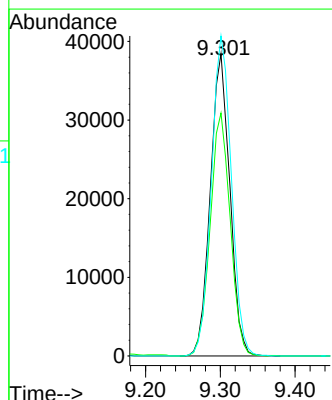
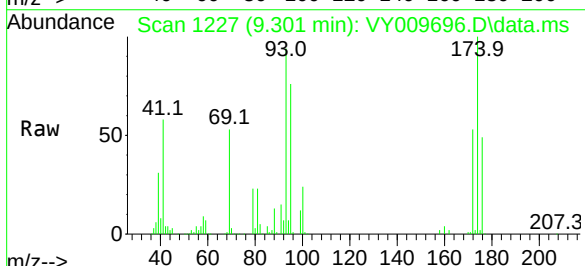
Tgt Ion: 93 Resp: 69750

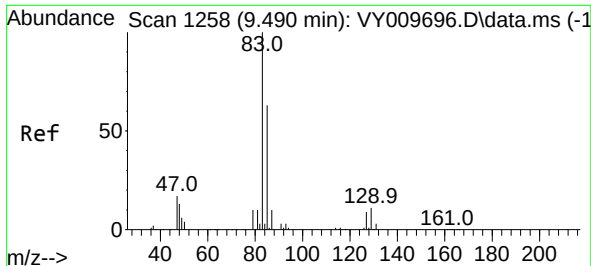
Ion Ratio Lower Upper

93 100

95 82.4 64.3 96.5

174 108.8 83.4 125.0

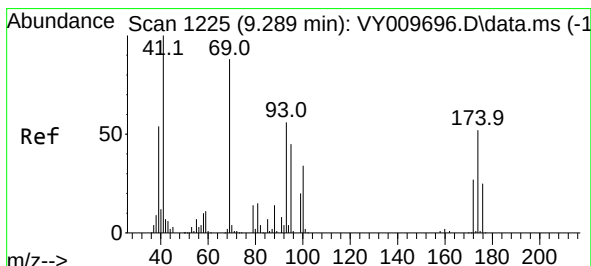
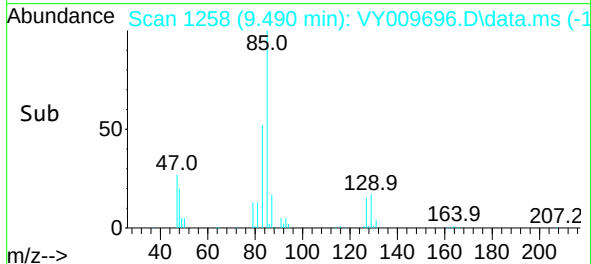
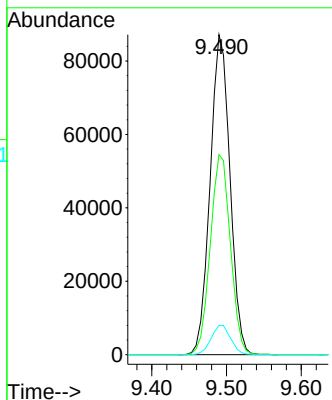
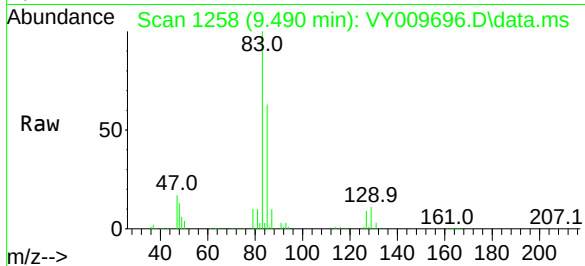




#47
Bromodichloromethane
Concen: 51.408 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

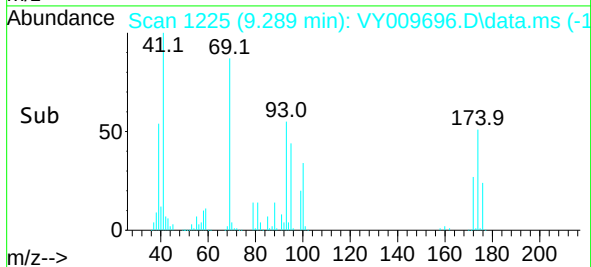
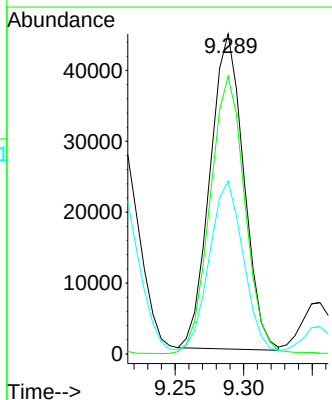
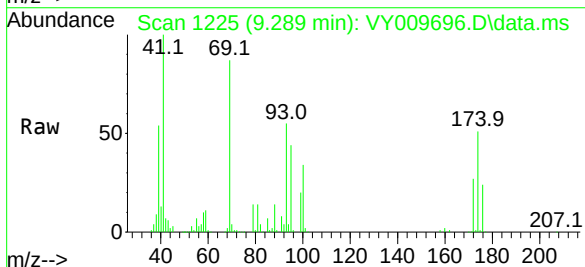
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

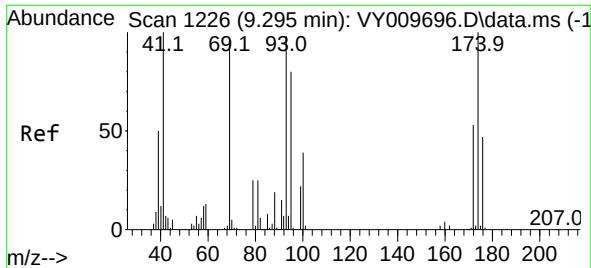
Tgt Ion: 83 Resp: 161192
Ion Ratio Lower Upper
83 100
85 62.5 51.9 77.9
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 52.358 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 41 Resp: 76074
Ion Ratio Lower Upper
41 100
69 91.4 58.2 87.2#
39 53.8 47.4 71.0

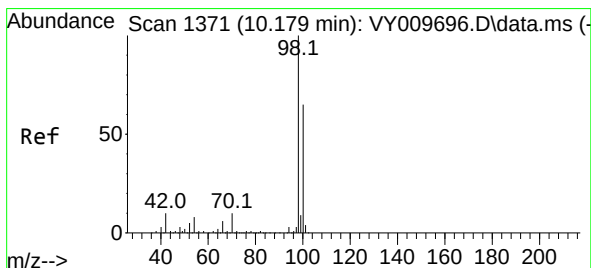
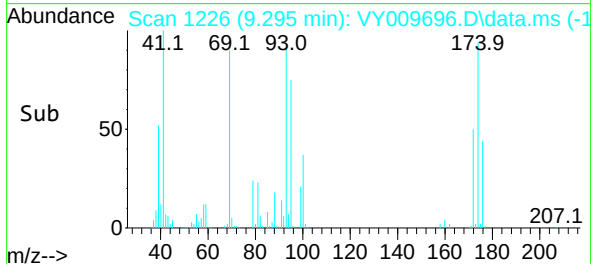
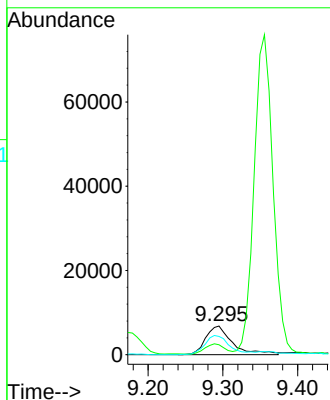
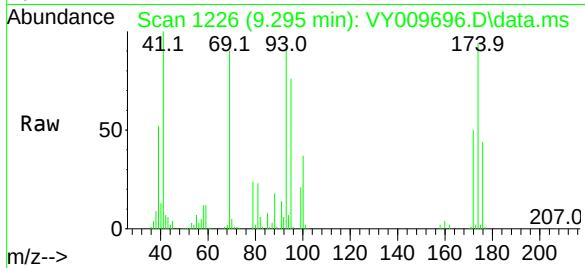




#49
1,4-Dioxane
Concen: 947.029 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

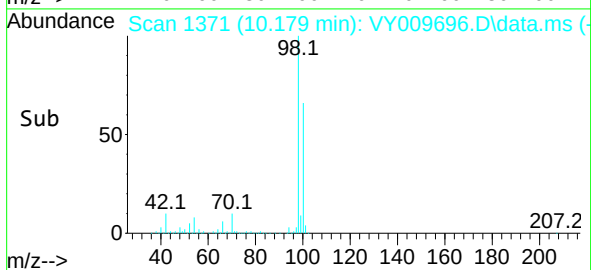
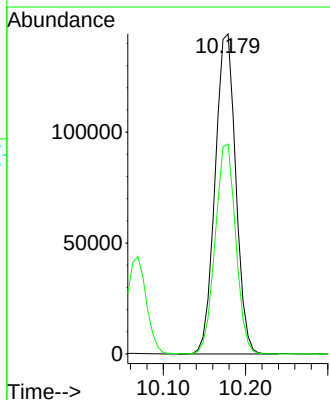
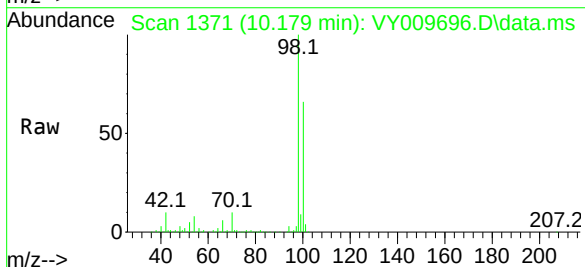
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

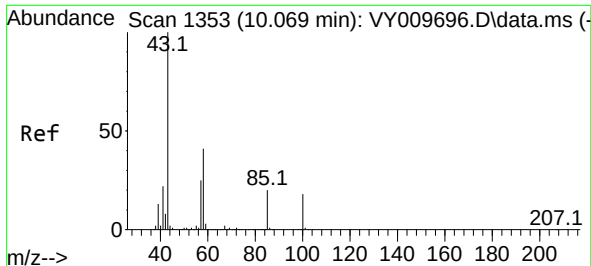
Tgt Ion: 88 Resp: 16923
Ion Ratio Lower Upper
88 100
43 27.4 32.8 49.2#
58 60.4 59.8 89.6



#50
Toluene-d8
Concen: 38.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 98 Resp: 252071
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

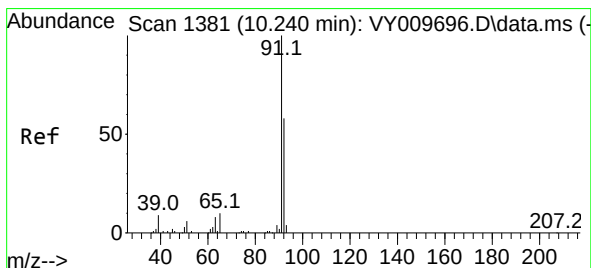
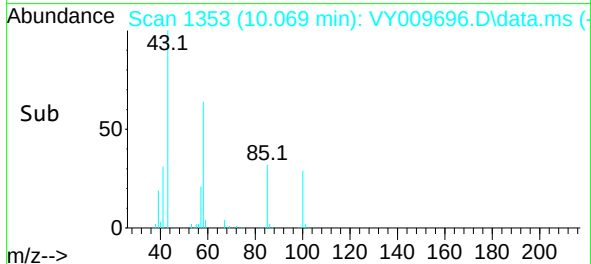
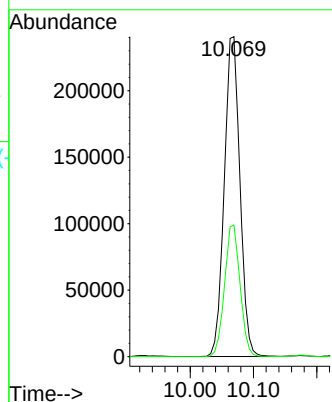
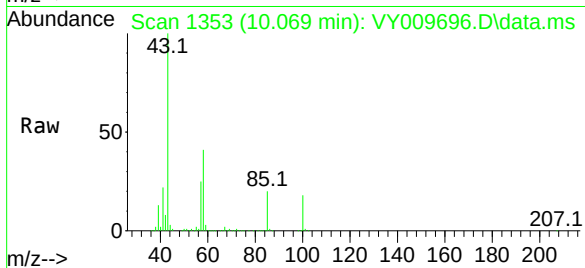




#51
4-Methyl-2-Pentanone
Concen: 244.973 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

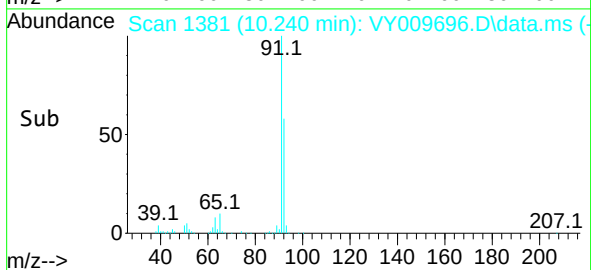
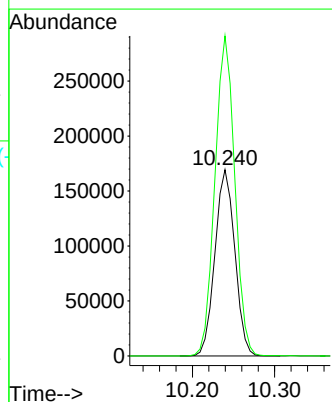
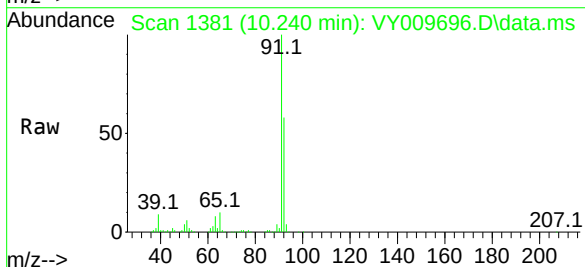
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

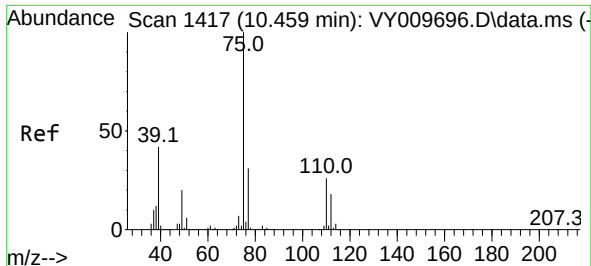
Tgt Ion: 43 Resp: 413233
Ion Ratio Lower Upper
43 100
58 40.7 28.1 42.1



#52
Toluene
Concen: 48.534 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 92 Resp: 284638
Ion Ratio Lower Upper
92 100
91 171.4 142.6 213.8

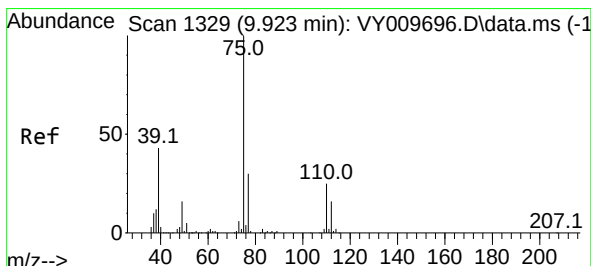
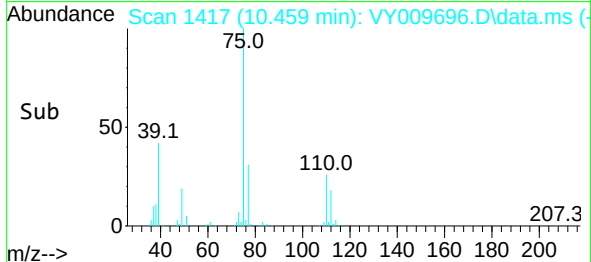
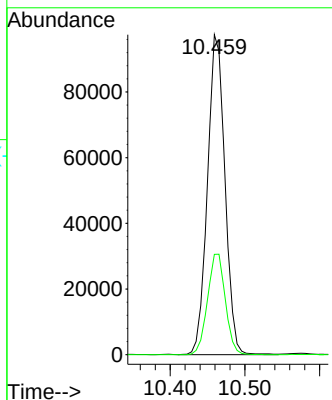
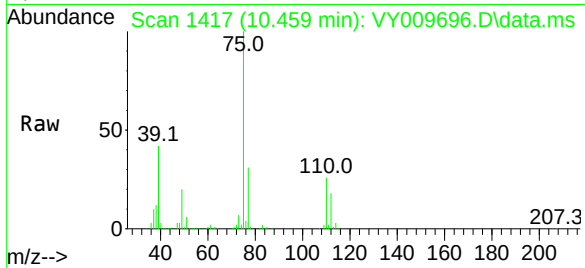




#53
 t-1,3-Dichloropropene
 Concen: 49.180 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009696.D
 Acq: 26 Jul 2022 12:54

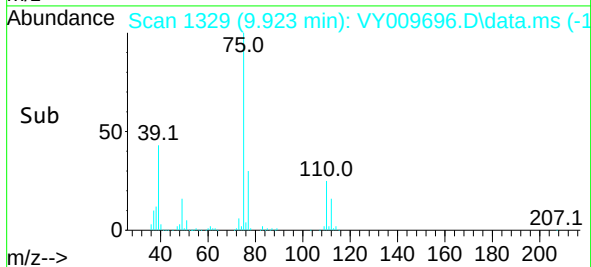
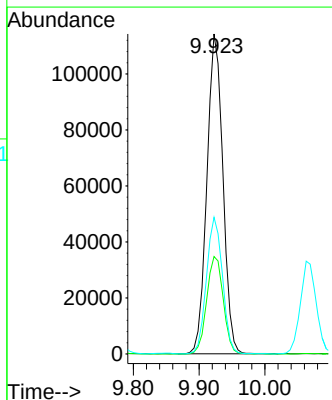
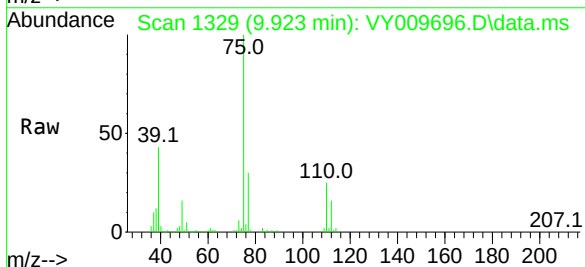
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

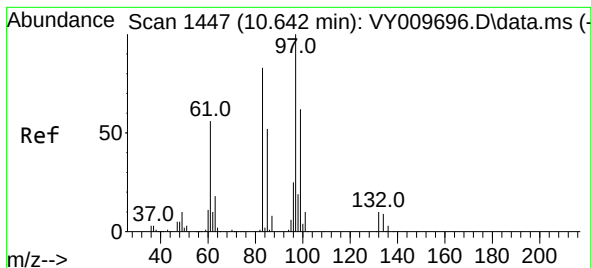
Tgt Ion: 75 Resp: 158553
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.052 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009696.D
 Acq: 26 Jul 2022 12:54

Tgt Ion: 75 Resp: 193293
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.6 38.4
 39 42.7 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 47.427 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 91217

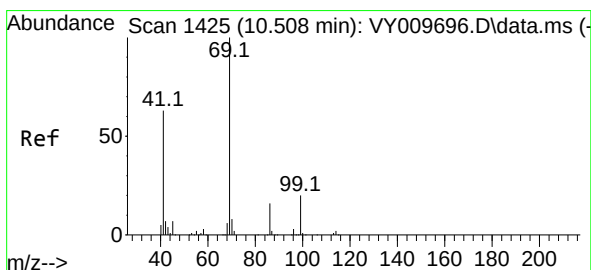
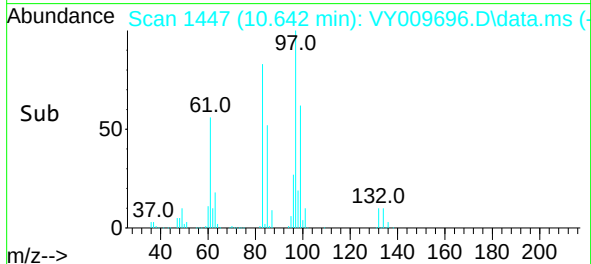
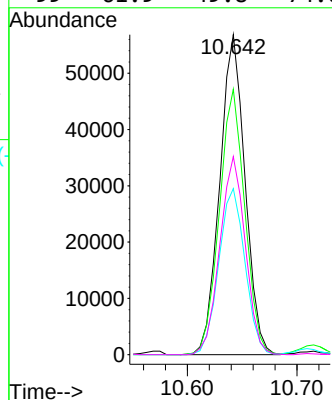
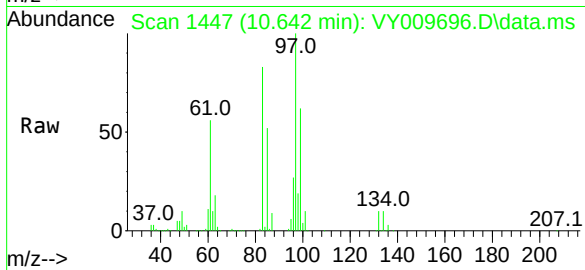
Ion Ratio Lower Upper

97 100

83 82.9 69.8 104.8

85 51.9 44.3 66.5

99 61.9 49.8 74.6



#56

Ethyl methacrylate

Concen: 50.646 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

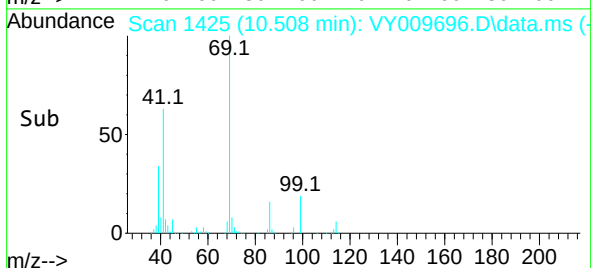
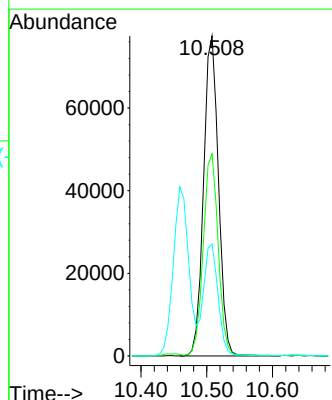
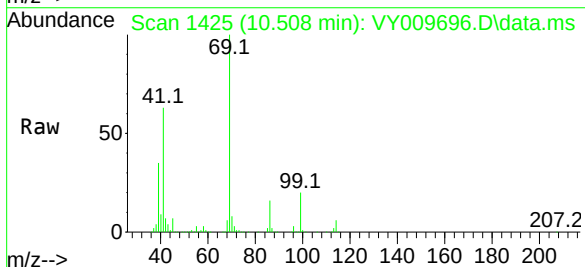
Tgt Ion: 69 Resp: 121836

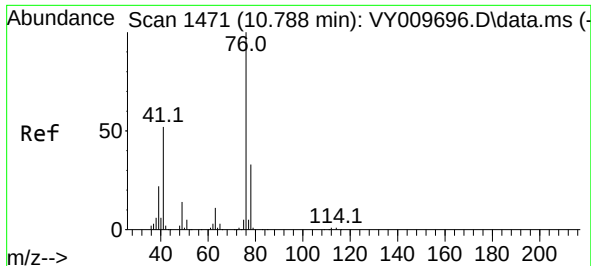
Ion Ratio Lower Upper

69 100

41 63.0 63.4 95.0#

39 34.4 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 47.259 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

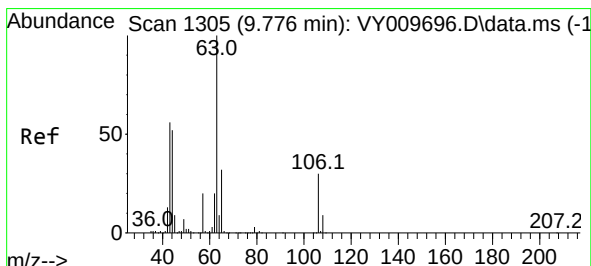
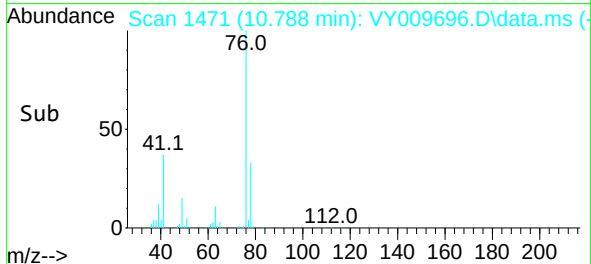
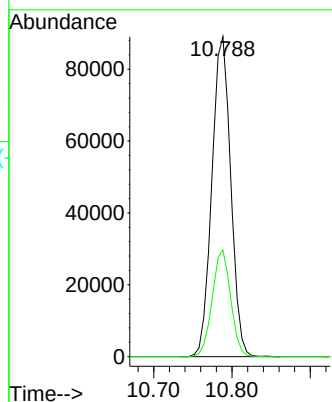
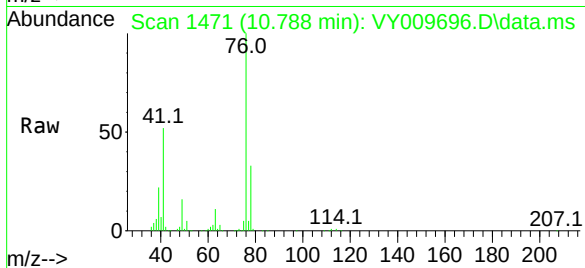
VSTDICCC050

Tgt Ion: 76 Resp: 148644

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 294.514 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009696.D

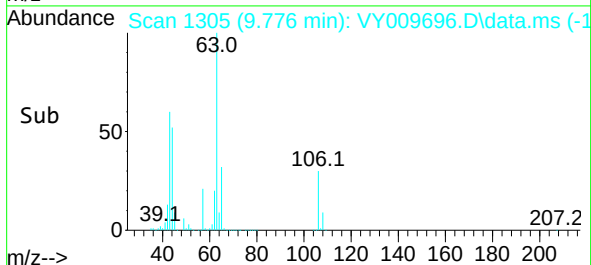
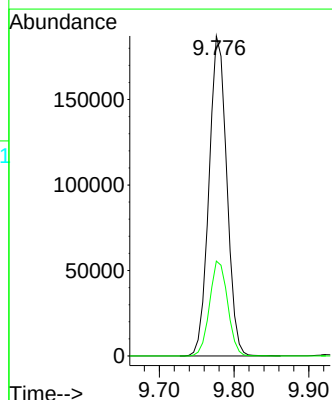
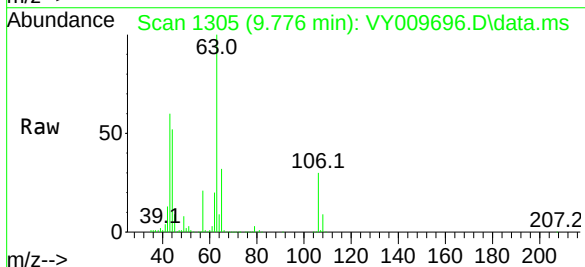
Acq: 26 Jul 2022 12:54

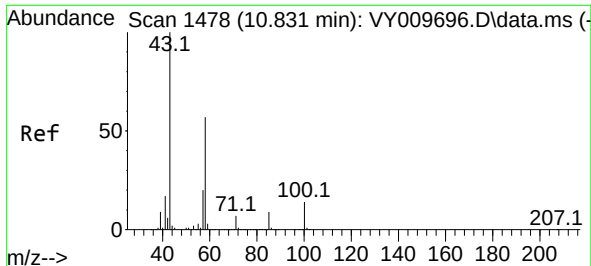
Tgt Ion: 63 Resp: 308801

Ion Ratio Lower Upper

63 100

106 30.1 21.5 32.3

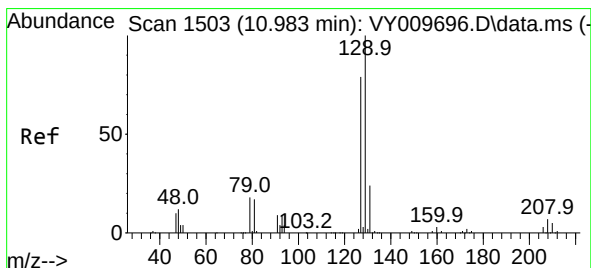
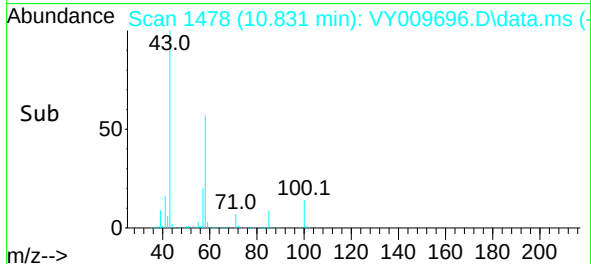
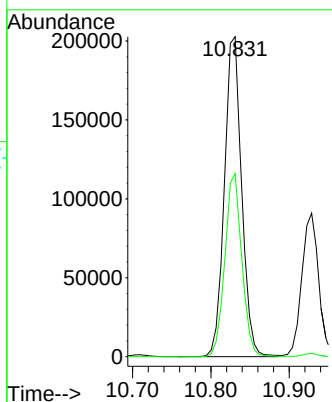
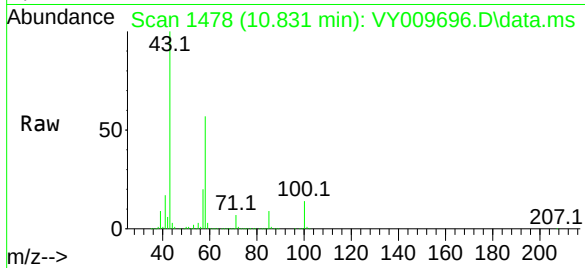




#59
2-Hexanone
Concen: 259.038 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

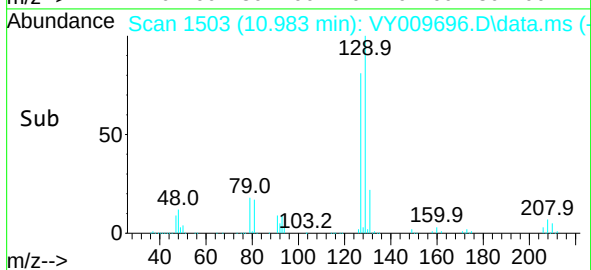
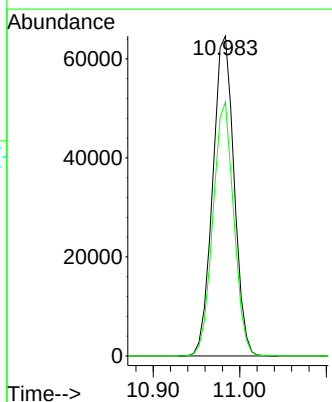
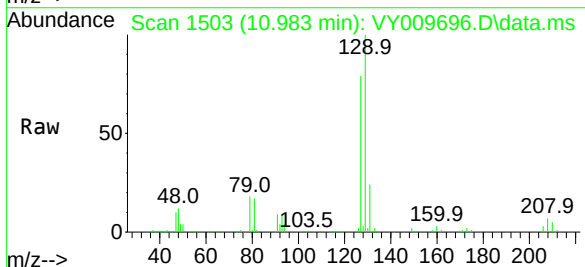
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

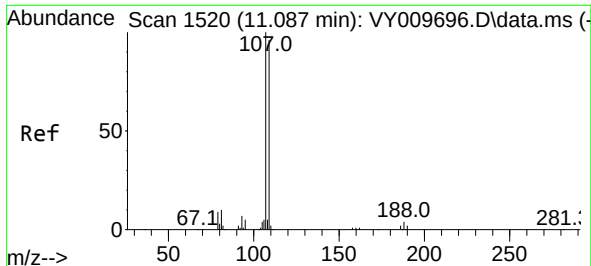
Tgt Ion: 43 Resp: 310747
Ion Ratio Lower Upper
43 100
58 56.2 24.4 73.4



#60
Dibromochloromethane
Concen: 47.521 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 129 Resp: 110416
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

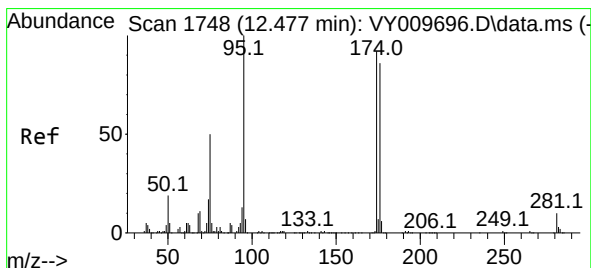
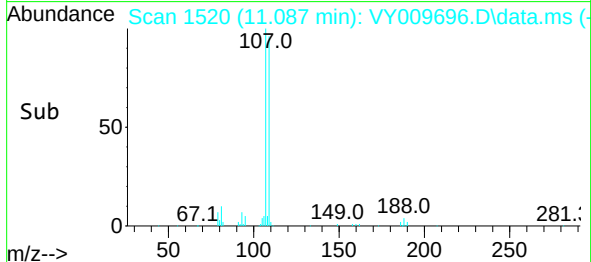
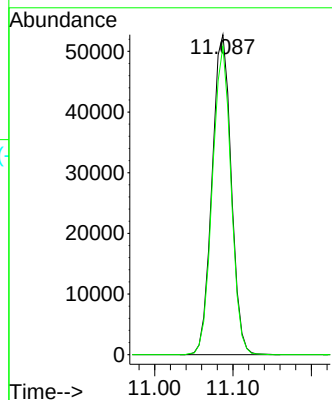
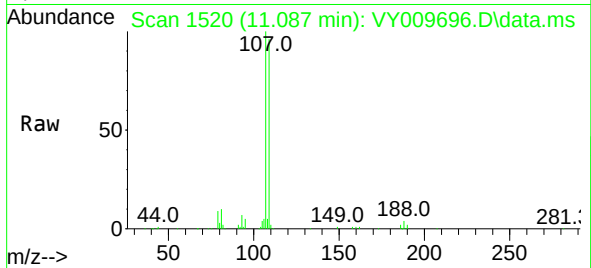




#61
1,2-Dibromoethane
Concen: 47.799 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

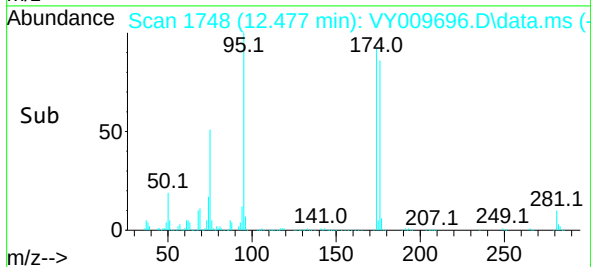
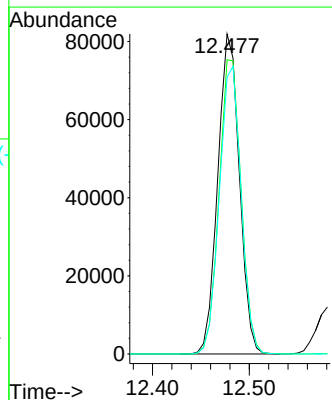
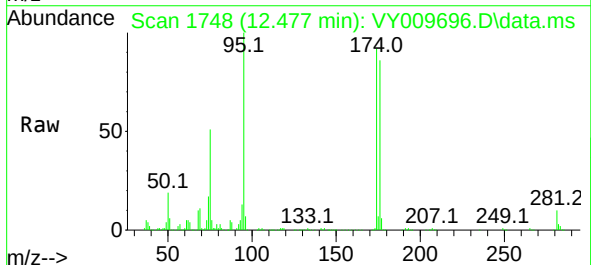
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

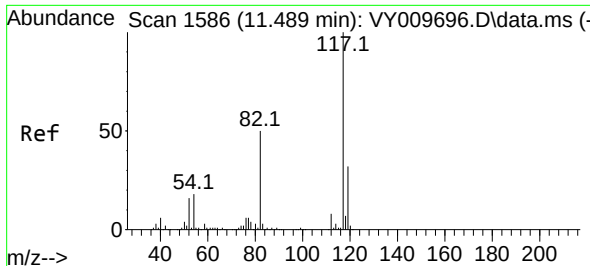
Tgt Ion:107 Resp: 89510
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.877 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 95 Resp: 126738
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 90.7 0.0 175.8

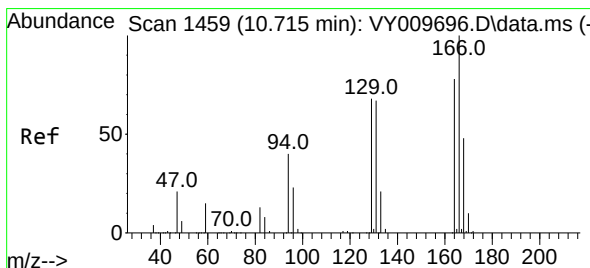
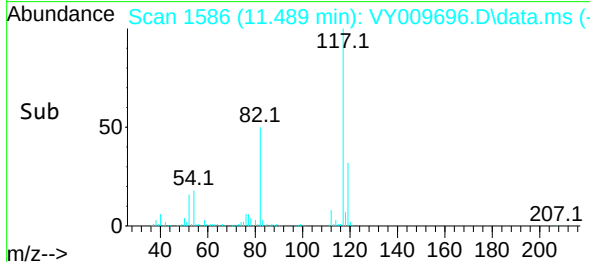
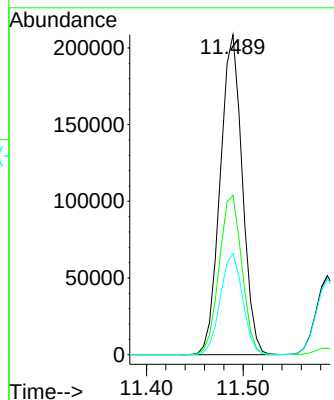
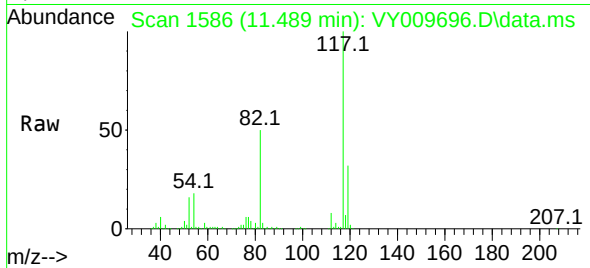




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

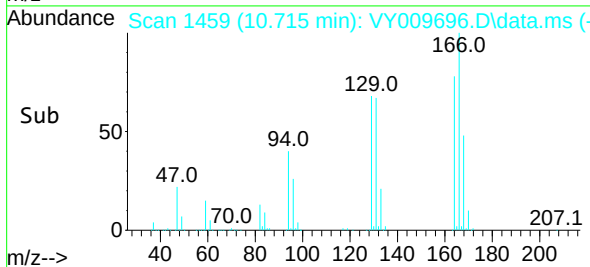
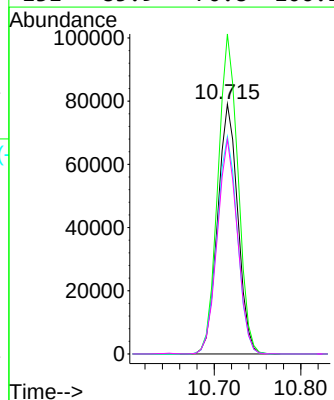
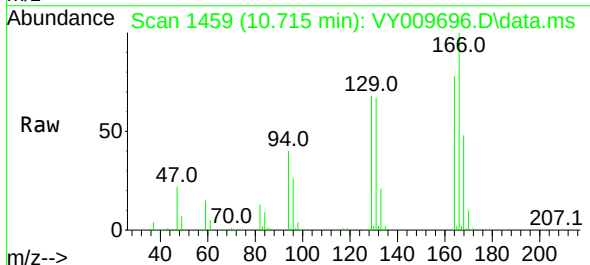
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

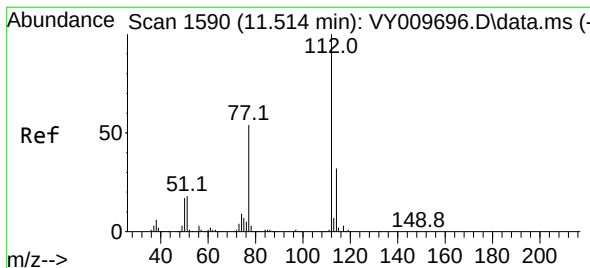
Tgt Ion:117 Resp: 331202
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 49.089 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion:164 Resp: 127605
Ion Ratio Lower Upper
164 100
166 128.0 100.4 150.6
129 87.0 71.4 107.0
131 85.9 70.8 106.2





#65

Chlorobenzene

Concen: 49.649 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

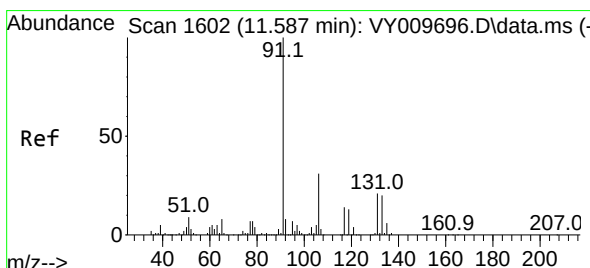
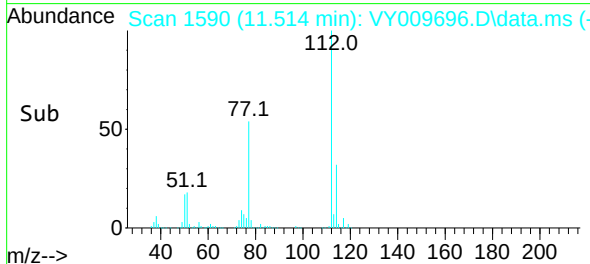
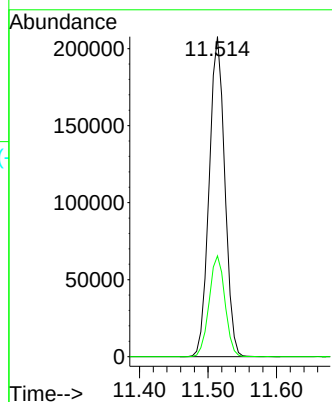
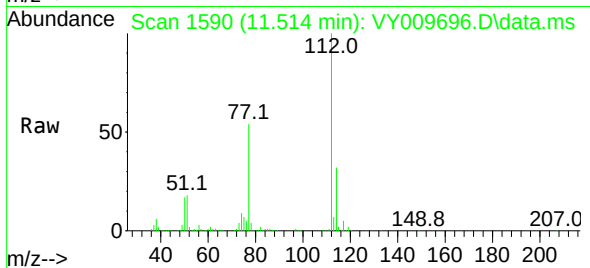
VSTDICCC050

Tgt Ion:112 Resp: 329484

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.138 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

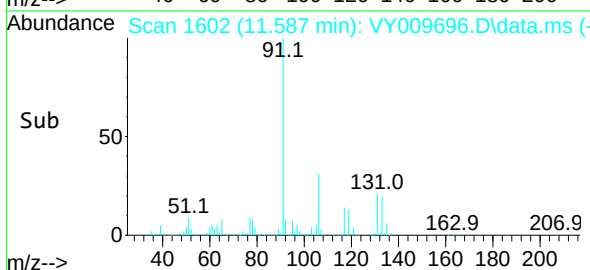
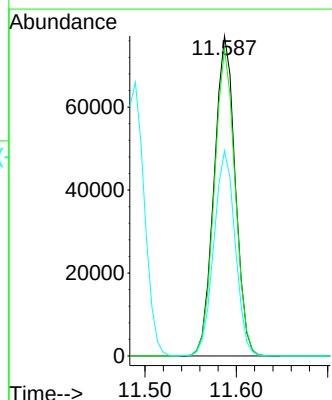
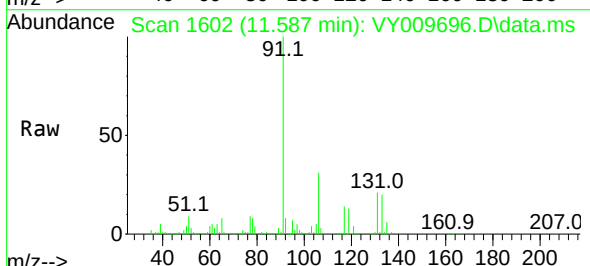
Tgt Ion:131 Resp: 123659

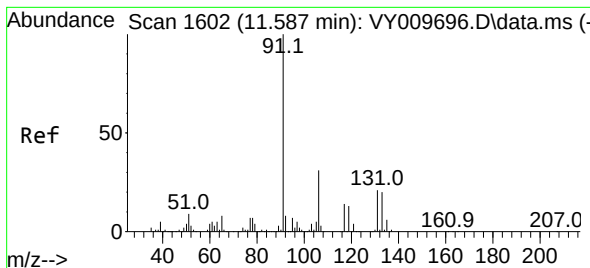
Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

119 64.9 30.8 92.3





#67

Ethyl Benzene

Concen: 51.092 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

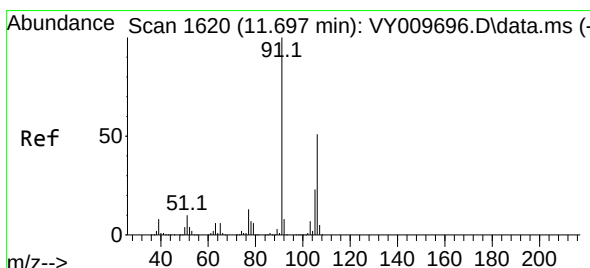
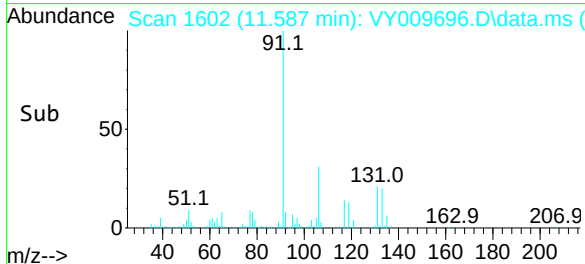
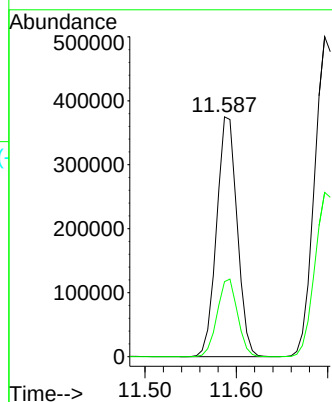
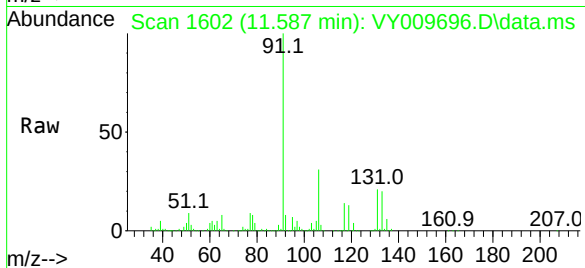
VSTDICCC050

Tgt Ion: 91 Resp: 586785

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 102.694 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009696.D

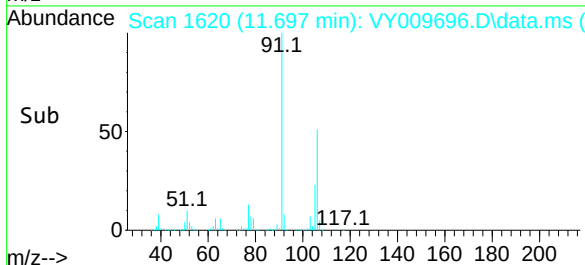
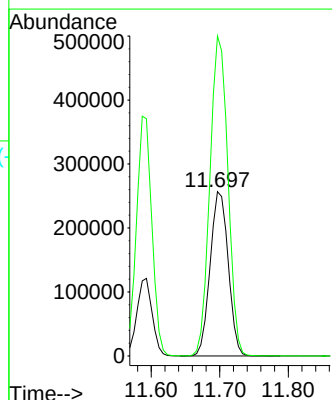
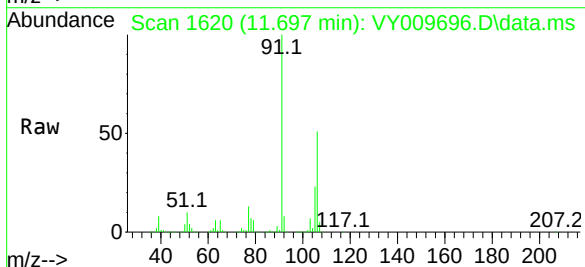
Acq: 26 Jul 2022 12:54

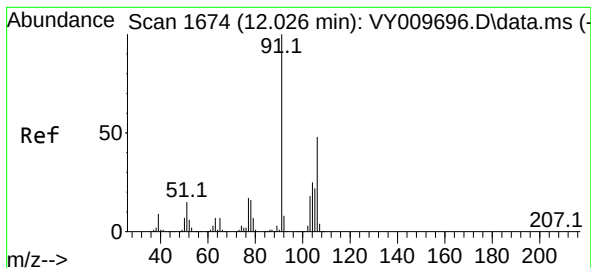
Tgt Ion:106 Resp: 471301

Ion Ratio Lower Upper

106 100

91 193.7 166.6 249.8





#69

o-Xylene

Concen: 51.383 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

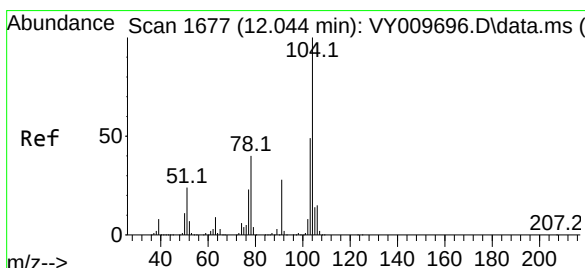
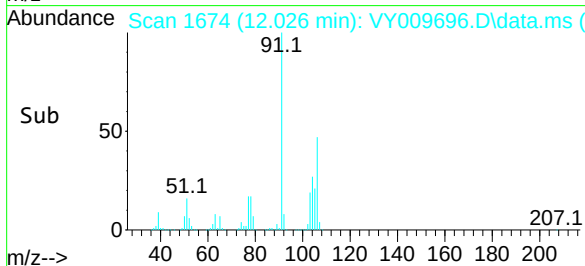
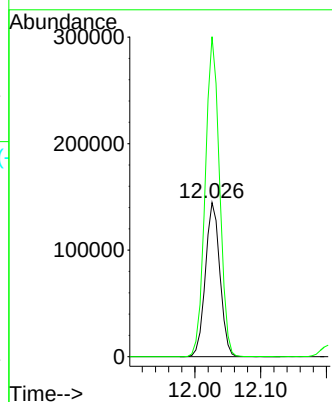
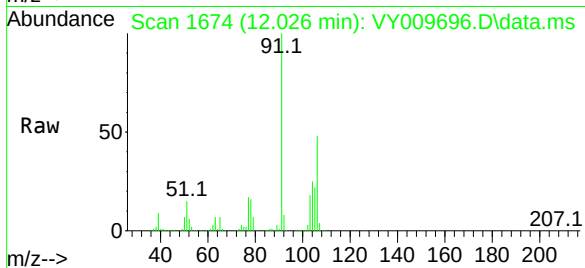
VSTDICCC050

Tgt Ion:106 Resp: 221358

Ion Ratio Lower Upper

106 100

91 205.3 110.3 331.0



#70

Styrene

Concen: 51.898 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

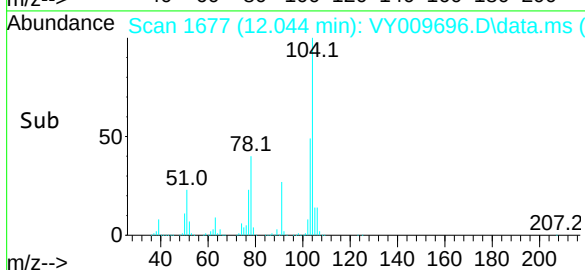
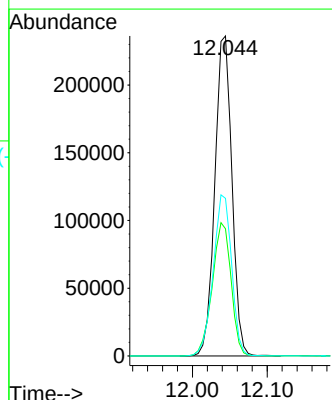
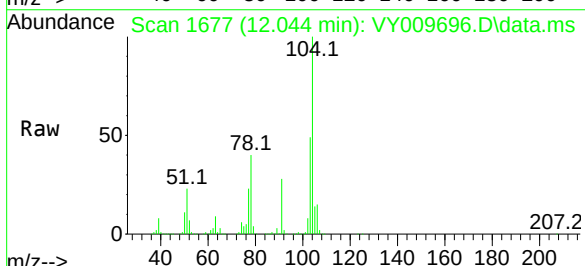
Tgt Ion:104 Resp: 375531

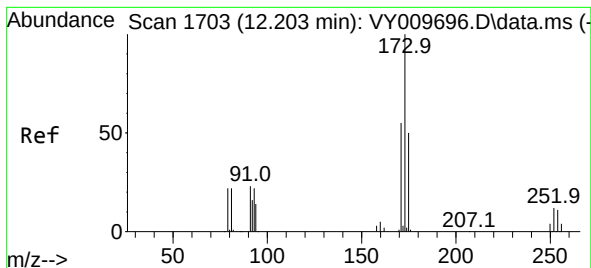
Ion Ratio Lower Upper

104 100

78 45.9 42.4 63.6

103 54.4 44.4 66.6





#71

Bromoform

Concen: 51.463 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

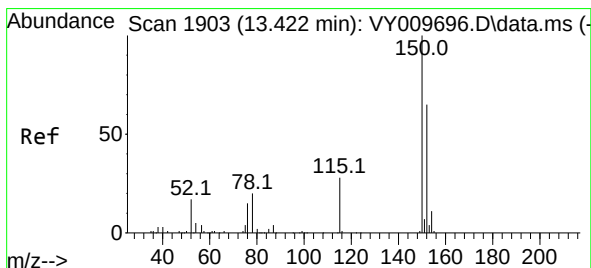
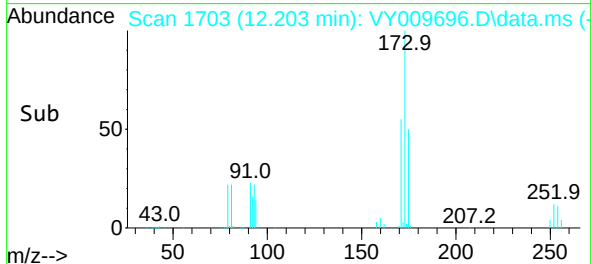
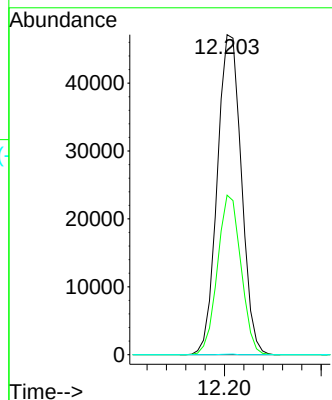
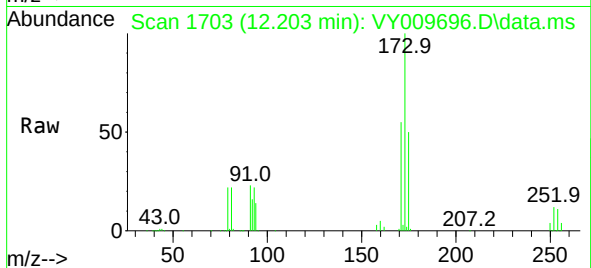
Tgt Ion:173 Resp: 81400

Ion Ratio Lower Upper

173 100

175 48.7 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: VY009696.D

Acq: 26 Jul 2022 12:54

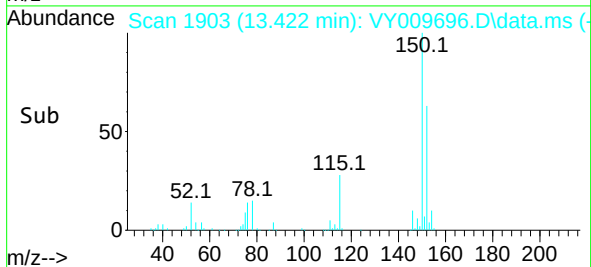
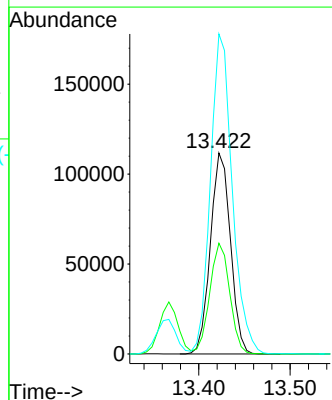
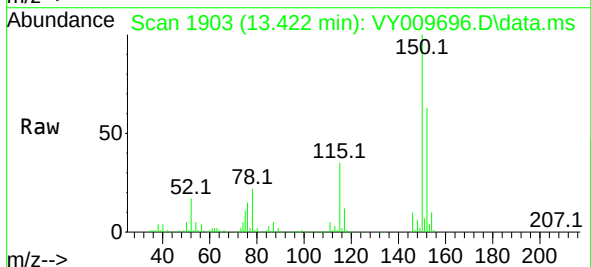
Tgt Ion:152 Resp: 170022

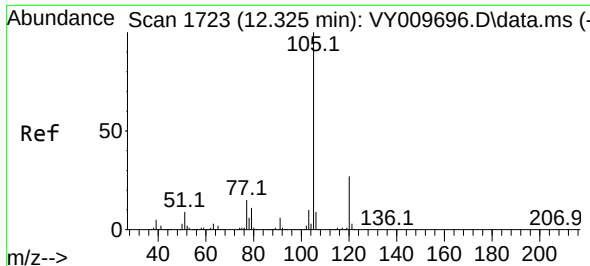
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 173.4 0.0 347.6

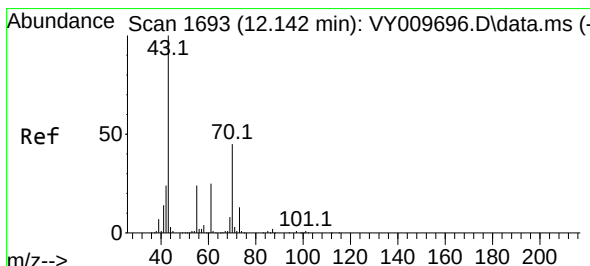
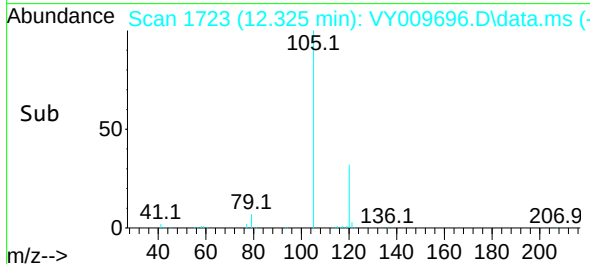
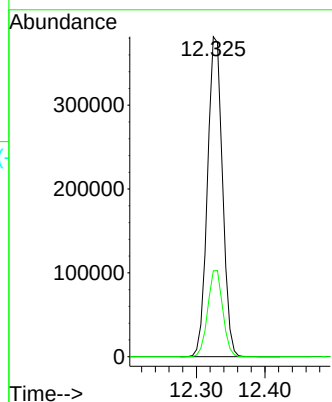
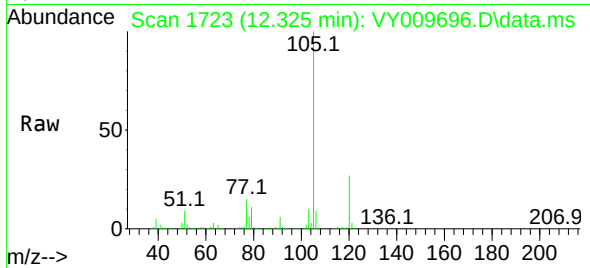




#73
Isopropylbenzene
Concen: 50.798 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

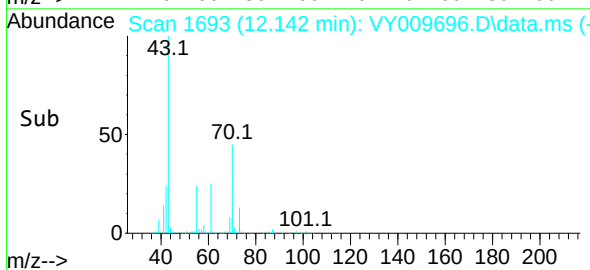
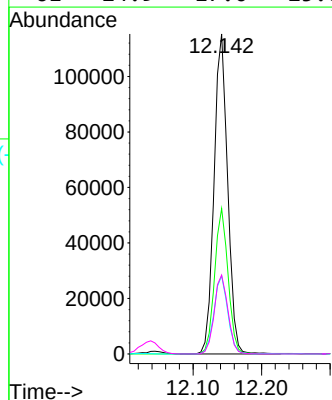
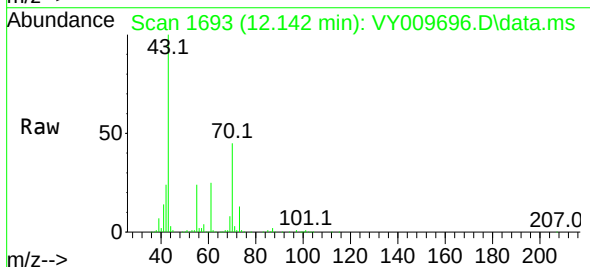
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

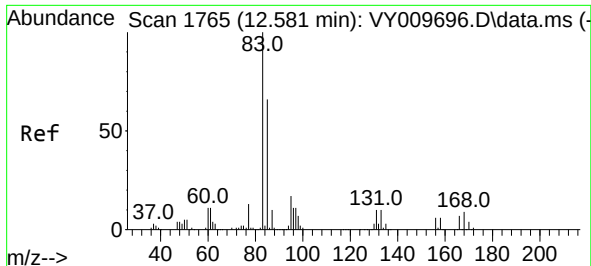
Tgt Ion:105 Resp: 581575
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 52.148 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 43 Resp: 158465
Ion Ratio Lower Upper
43 100
70 45.1 28.7 43.1#
55 24.8 17.3 25.9
61 24.9 17.0 25.6

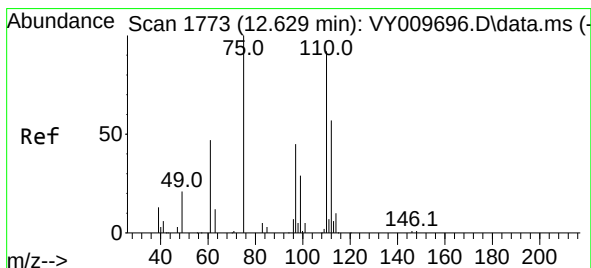
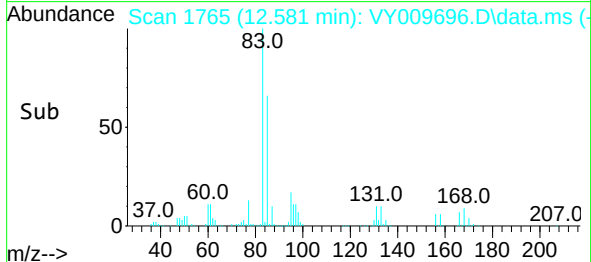
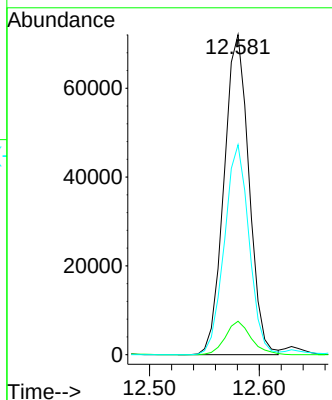
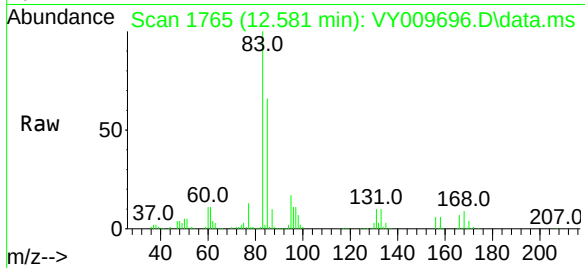




#75
1,1,2,2-Tetrachloroethane
Concen: 49.799 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

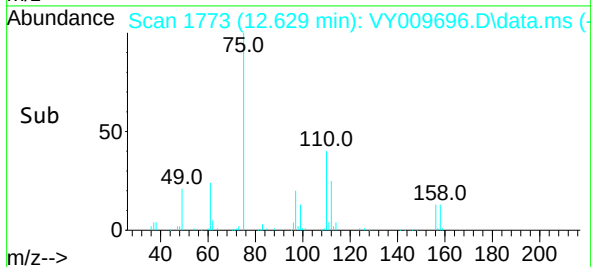
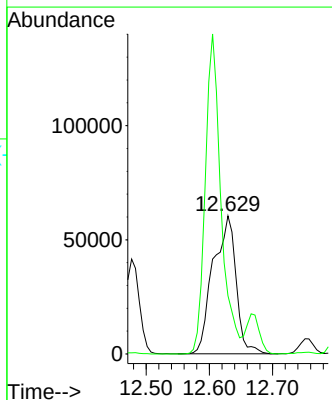
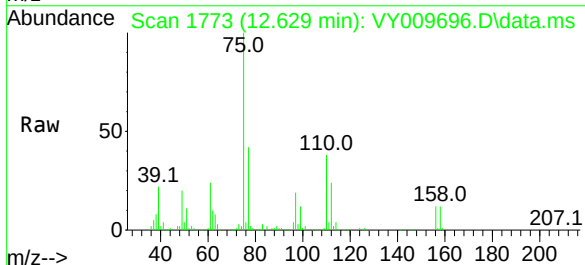
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

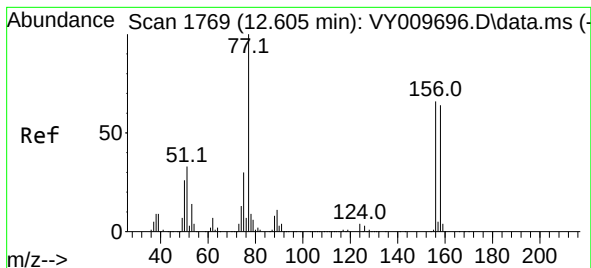
Tgt Ion: 83 Resp: 113916
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 92.036 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 75 Resp: 152117
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.768 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

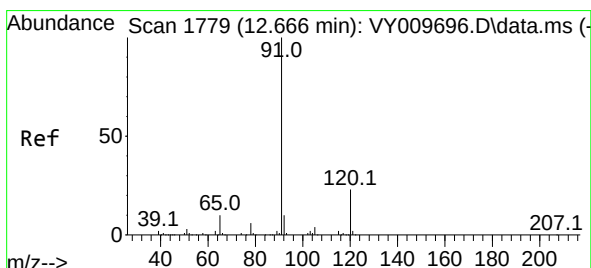
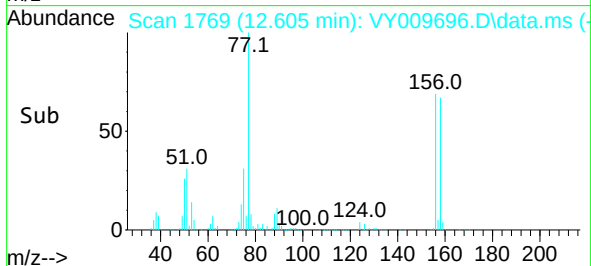
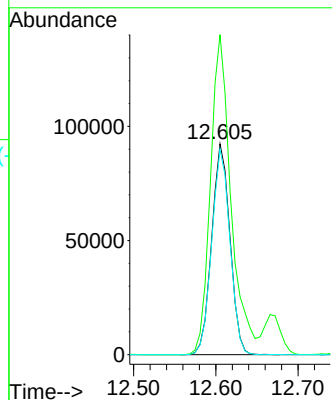
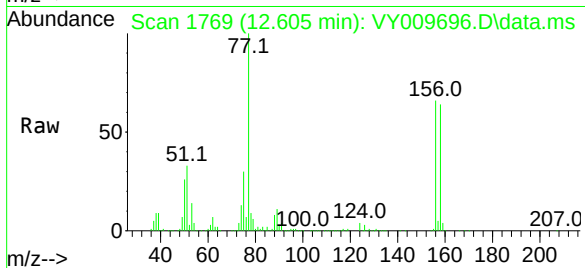
Tgt Ion:156 Resp: 142441

Ion Ratio Lower Upper

156 100

77 170.0 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 51.129 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009696.D

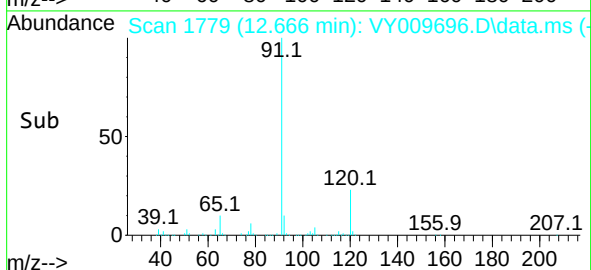
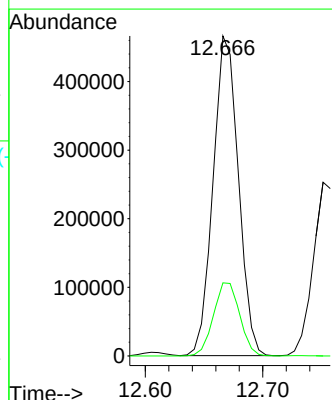
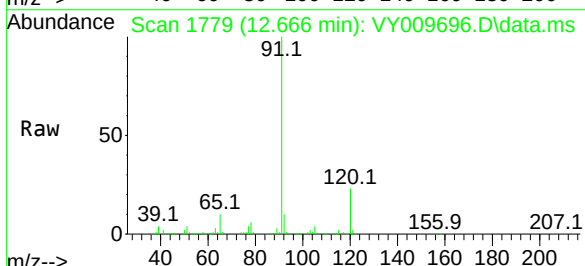
Acq: 26 Jul 2022 12:54

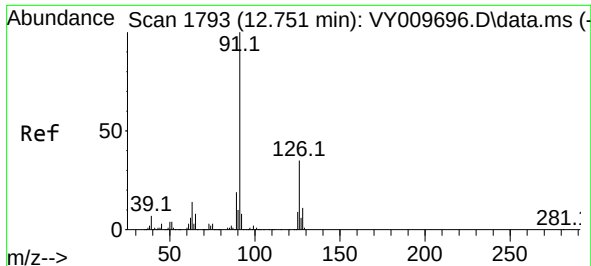
Tgt Ion: 91 Resp: 697389

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.9

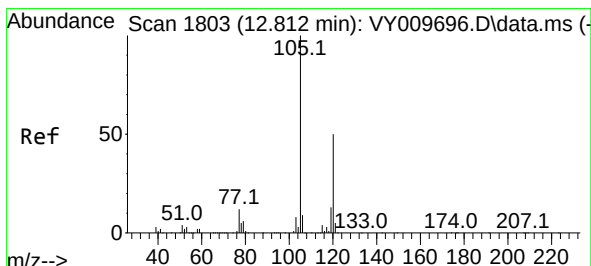
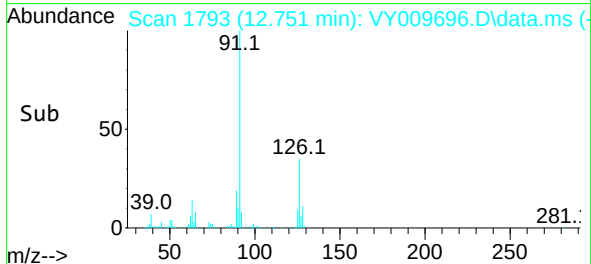
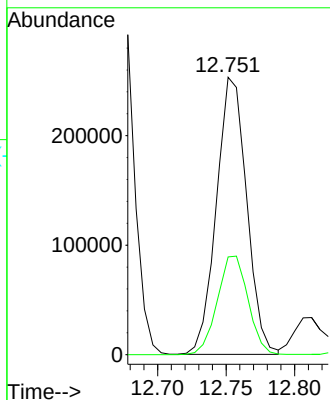
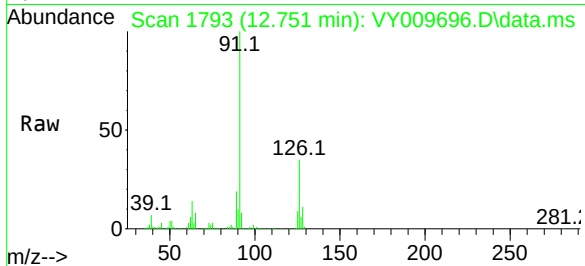




#79
2-Chlorotoluene
Concen: 50.771 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

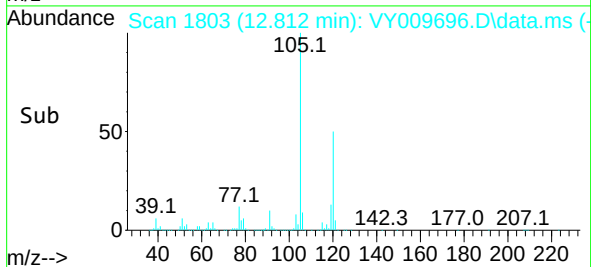
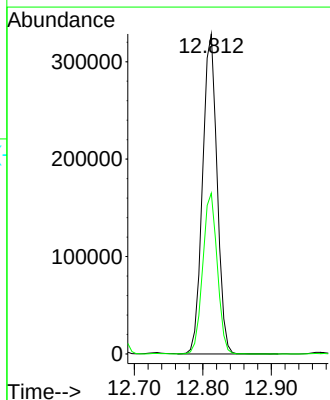
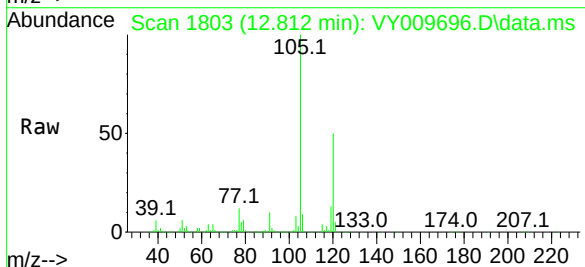
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

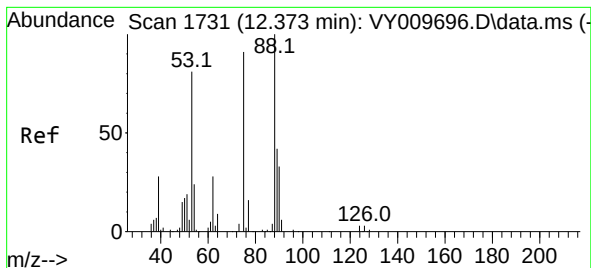
Tgt Ion: 91 Resp: 390051
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.130 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 105 Resp: 484197
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4

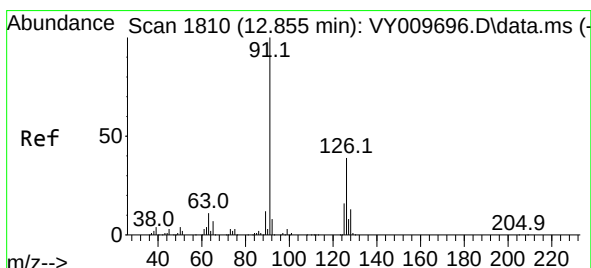
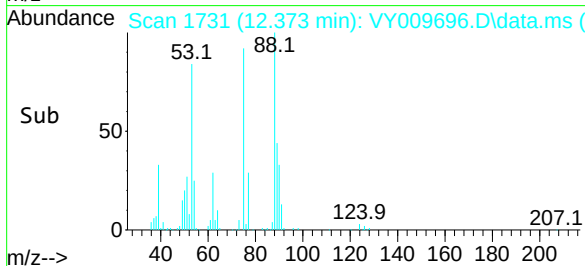
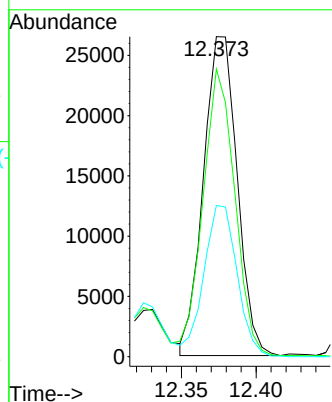
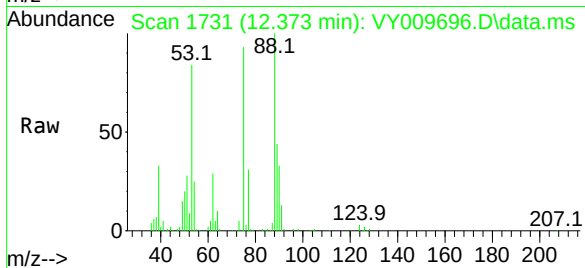




#81
trans-1,4-Dichloro-2-butene
Concen: 51.154 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

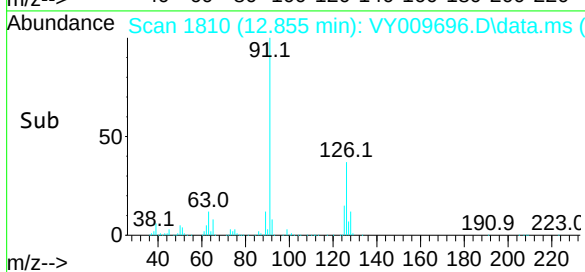
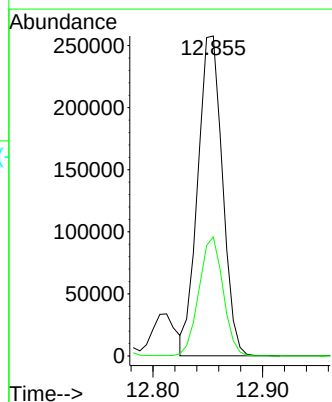
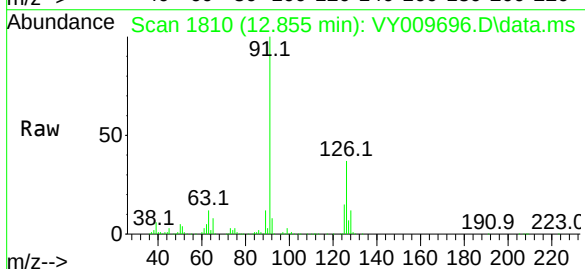
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

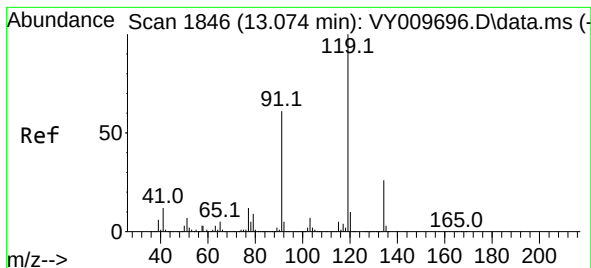
Tgt Ion: 75 Resp: 41566
Ion Ratio Lower Upper
75 100
53 86.4 85.3 127.9
89 46.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.080 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 91 Resp: 403029
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.456 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

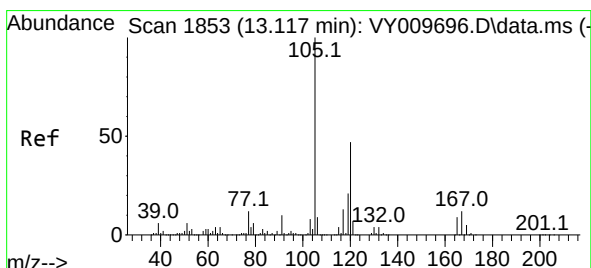
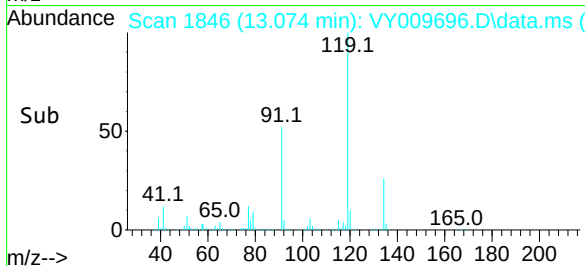
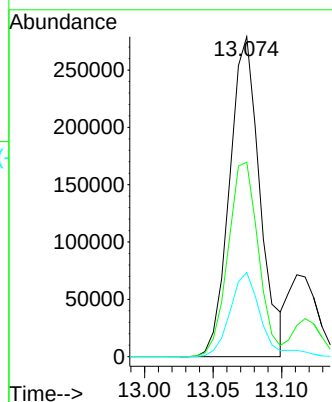
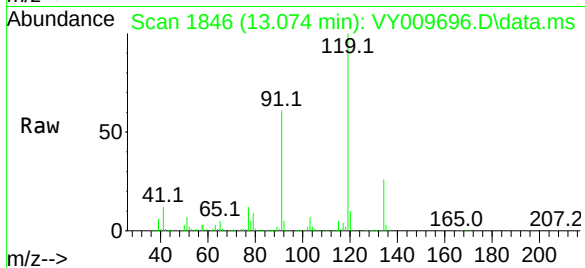
Tgt Ion:119 Resp: 429012

Ion Ratio Lower Upper

119 100

91 60.9 34.8 104.4

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.478 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009696.D

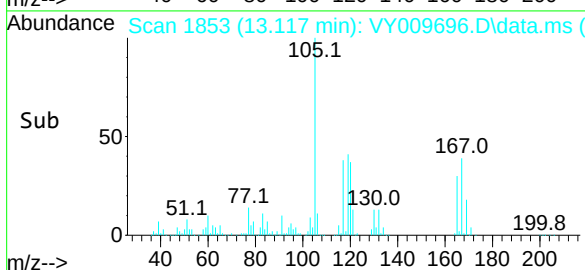
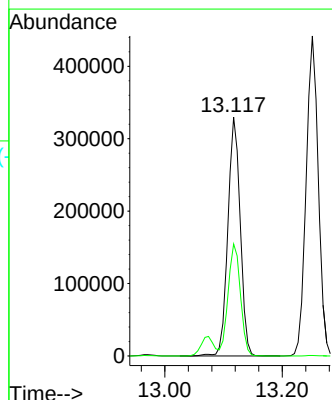
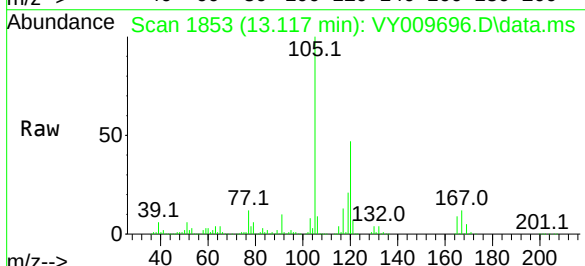
Acq: 26 Jul 2022 12:54

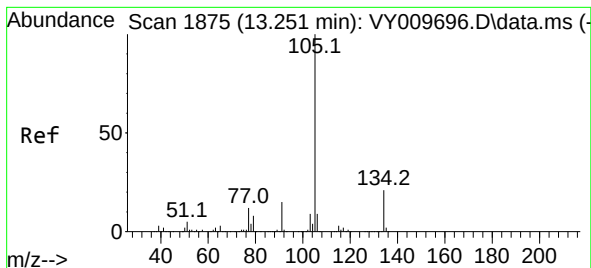
Tgt Ion:105 Resp: 481789

Ion Ratio Lower Upper

105 100

120 46.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.921 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

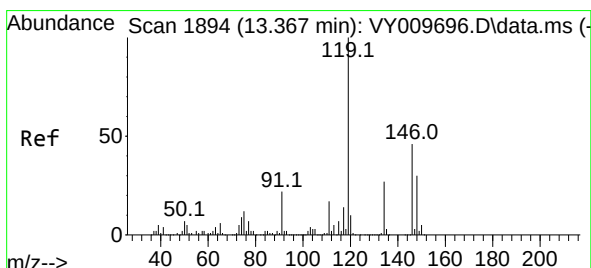
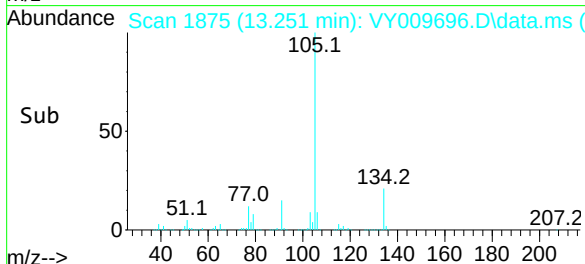
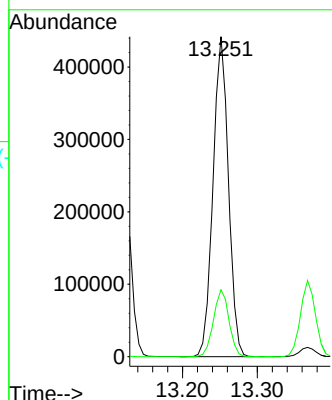
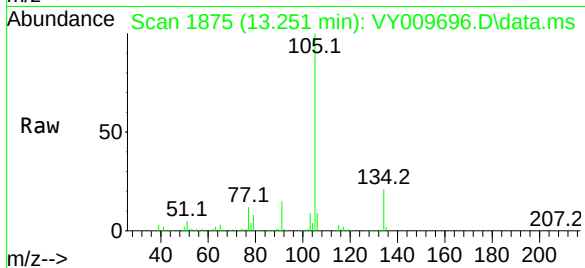
VSTDICCC050

Tgt Ion:105 Resp: 633479

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.111 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

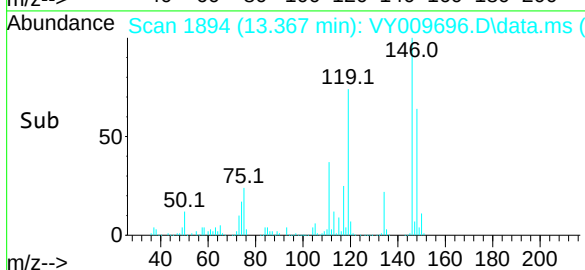
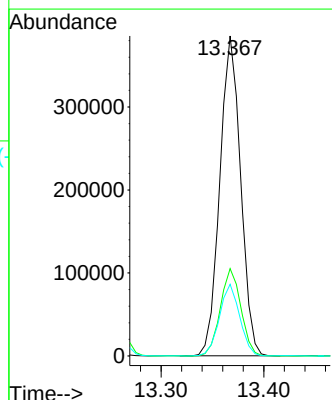
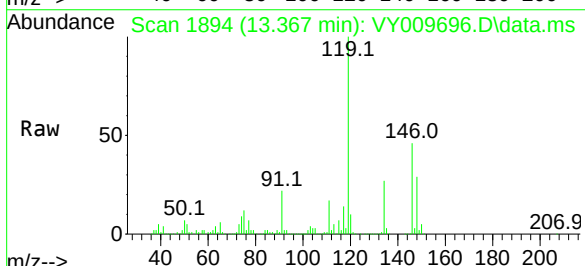
Tgt Ion:119 Resp: 539930

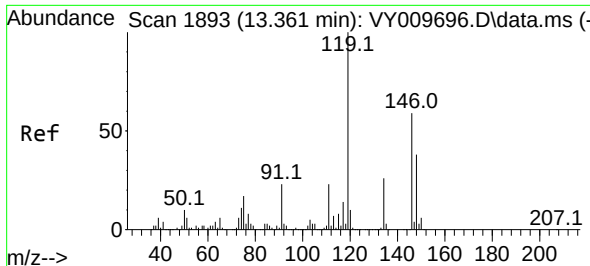
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 21.9 12.4 37.2

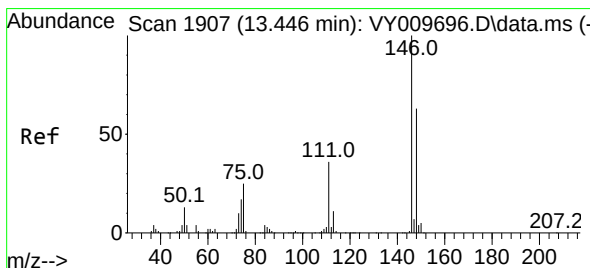
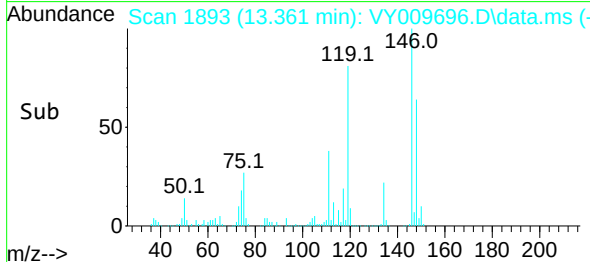
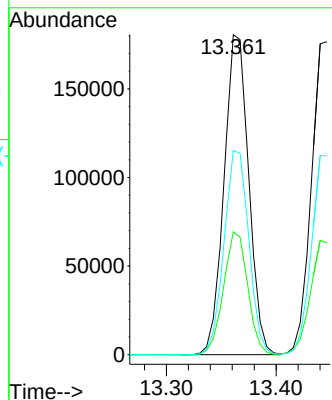
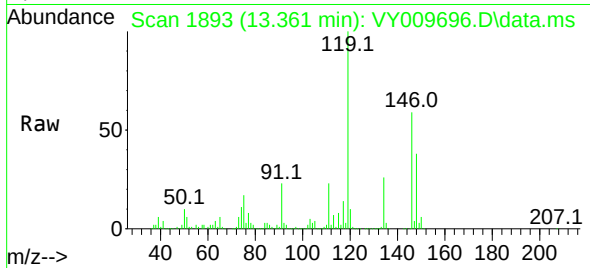




#87
 1,3-Dichlorobenzene
 Concen: 50.017 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009696.D
 Acq: 26 Jul 2022 12:54

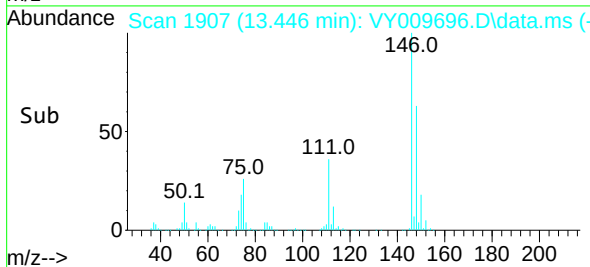
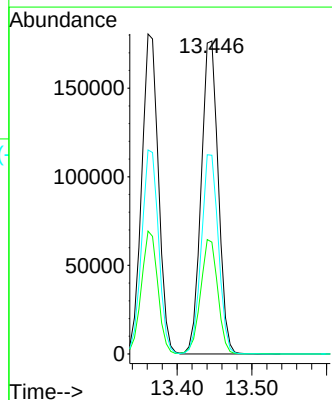
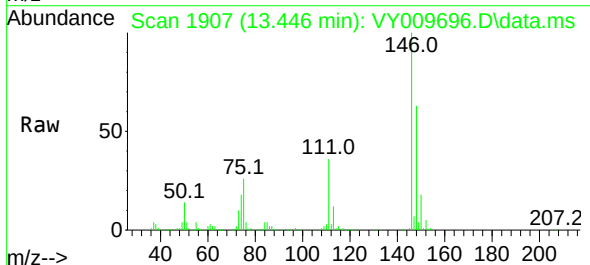
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

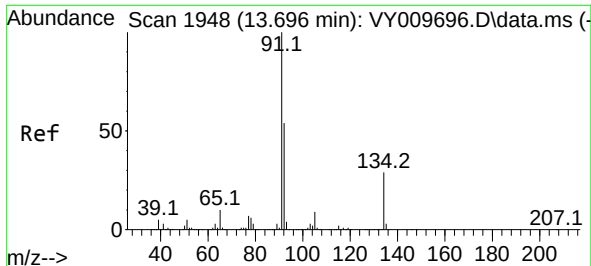
Tgt Ion:146 Resp: 281804
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.5 58.5
 148 64.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.388 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY009696.D
 Acq: 26 Jul 2022 12:54

Tgt Ion:146 Resp: 280059
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.3 57.8
 148 63.8 32.6 97.8

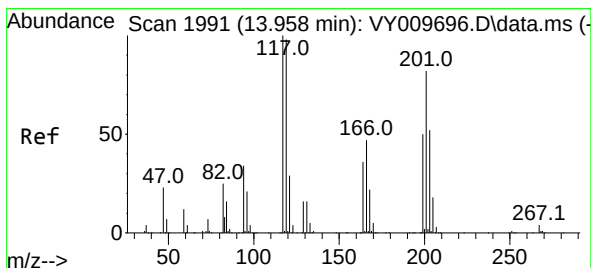
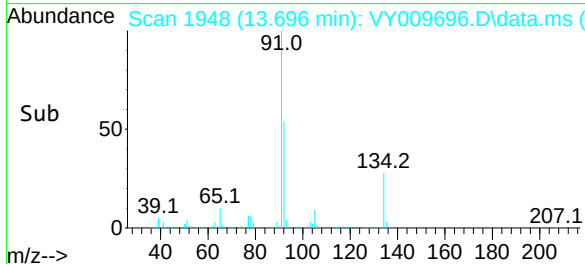
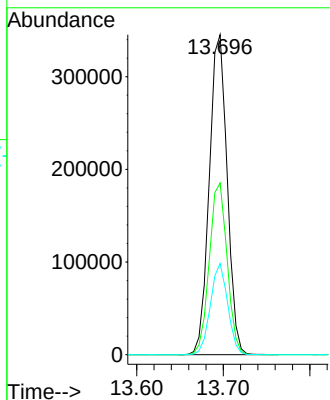
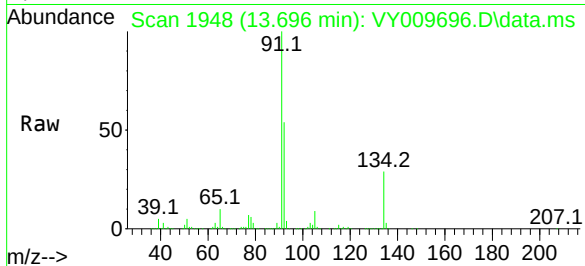




#89
n-Butylbenzene
Concen: 52.274 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

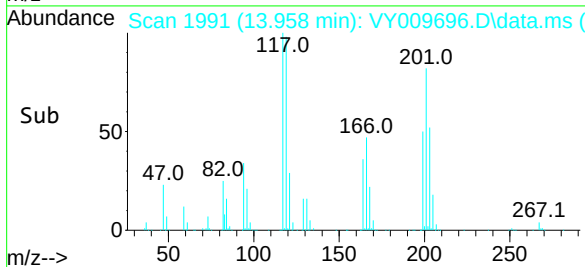
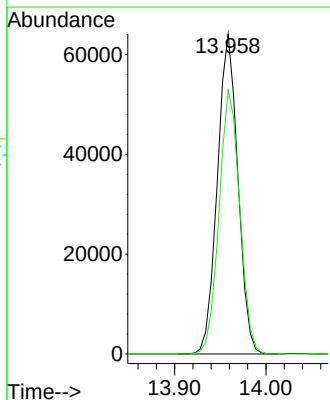
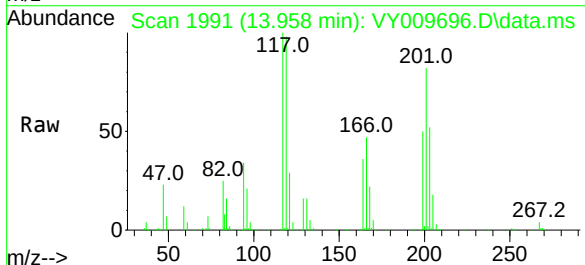
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

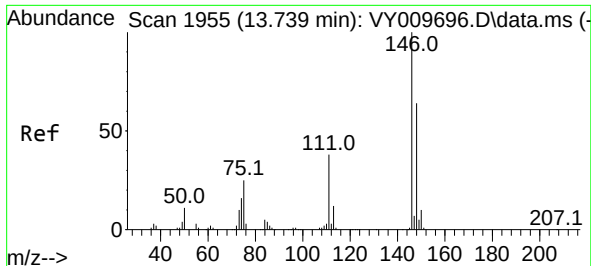
Tgt Ion: 91 Resp: 495174
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 27.5 13.0 38.9



#90
Hexachloroethane
Concen: 49.314 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009696.D
Acq: 26 Jul 2022 12:54

Tgt Ion: 117 Resp: 100073
Ion Ratio Lower Upper
117 100
201 83.2 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 49.673 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

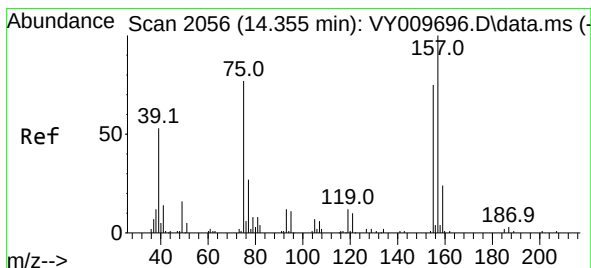
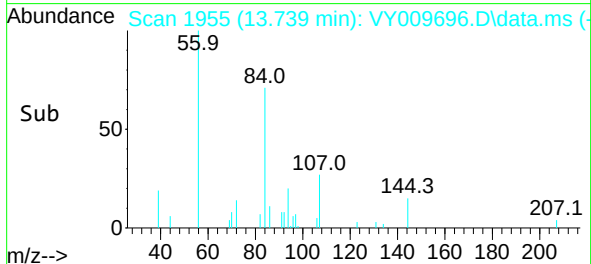
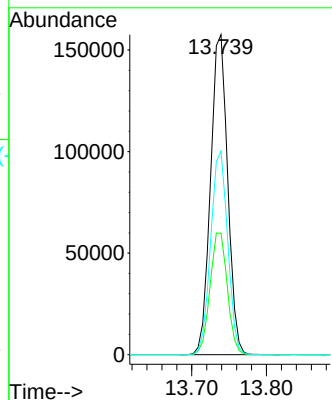
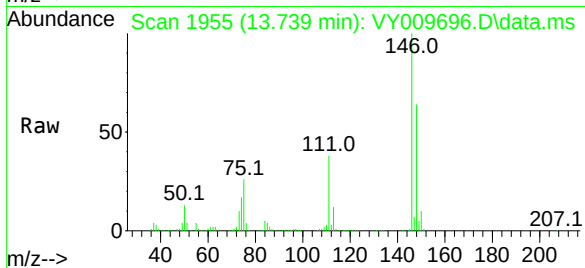
Tgt Ion:146 Resp: 251103

Ion Ratio Lower Upper

146 100

111 38.6 20.3 60.9

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.327 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

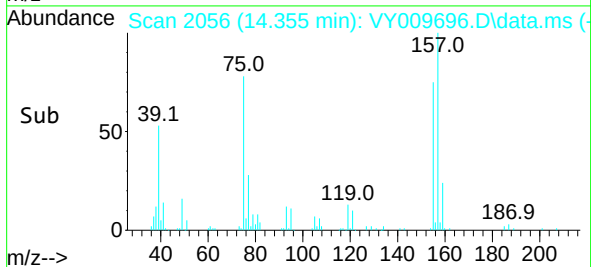
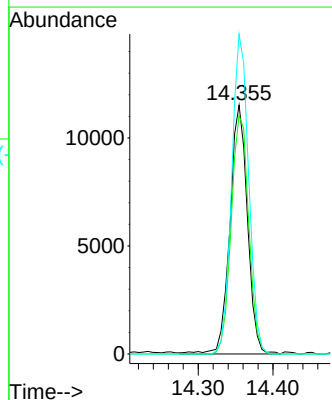
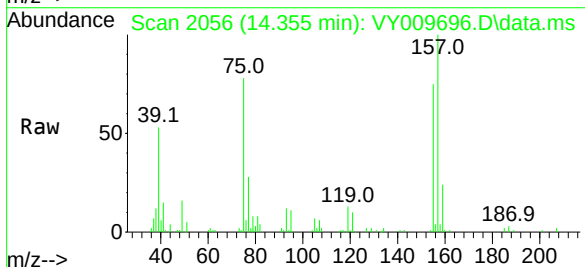
Tgt Ion: 75 Resp: 18806

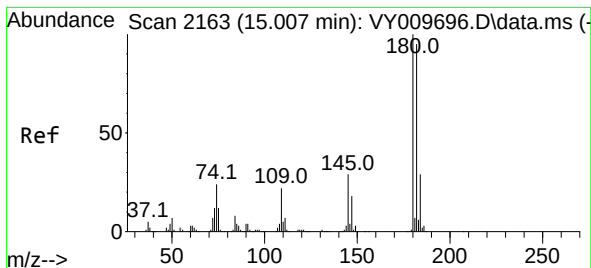
Ion Ratio Lower Upper

75 100

155 95.7 38.0 113.9

157 124.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.260 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

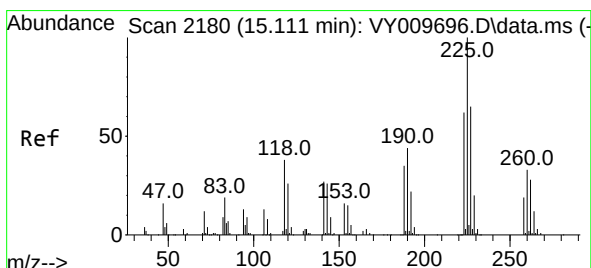
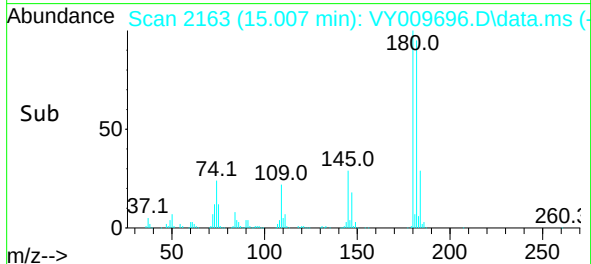
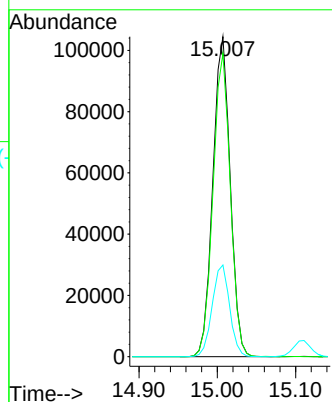
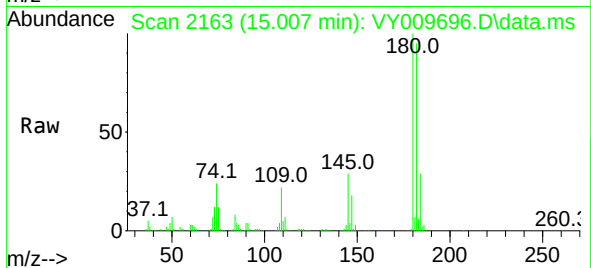
Tgt Ion:180 Resp: 160452

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 28.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.998 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

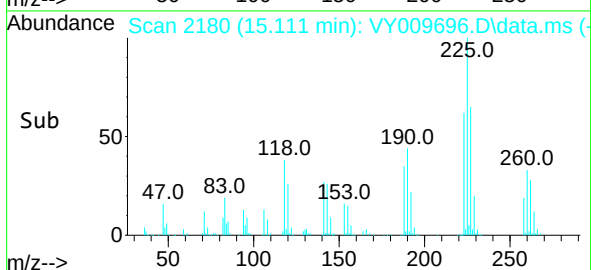
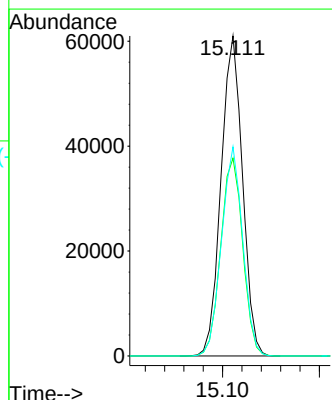
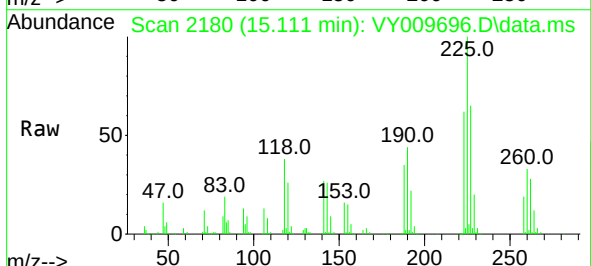
Tgt Ion:225 Resp: 93920

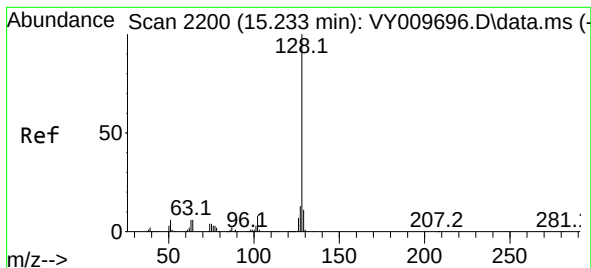
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 64.6 31.6 94.7





#95

Naphthalene

Concen: 53.222 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

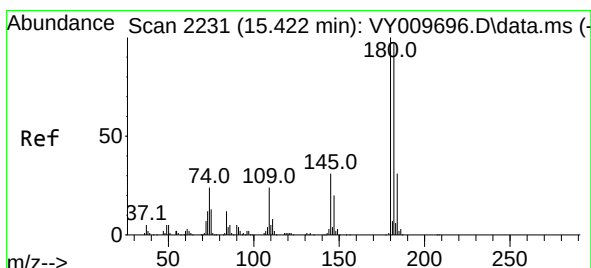
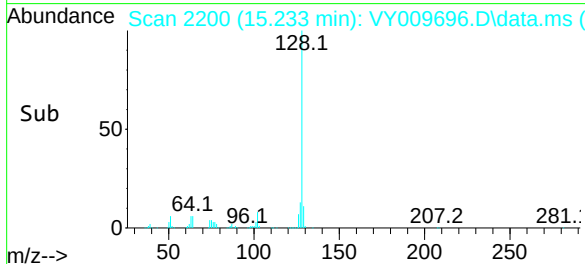
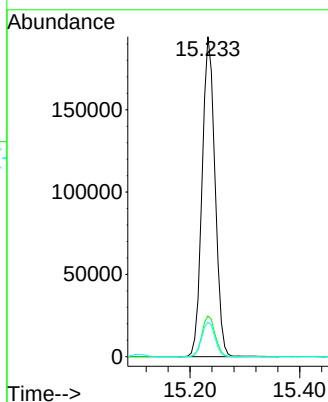
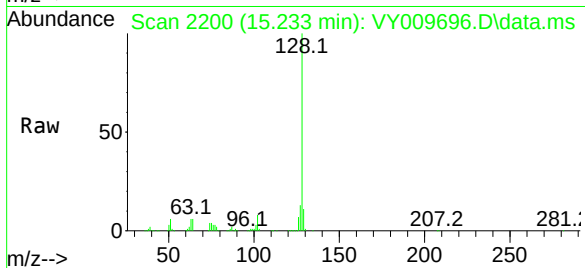
Tgt Ion:128 Resp: 317457

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.161 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009696.D

Acq: 26 Jul 2022 12:54

Tgt Ion:180 Resp: 138734

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 30.7 15.3 45.9

