

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009548.D
 Acq On : 13 Jul 2022 09:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 14 02:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	169200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59552	49.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.710	113	64585	46.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.660%
50) Toluene-d8	10.173	98	190397	50.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.477	95	105024	53.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	107.900%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	62040	47.814	ug/l	96
3) Chloromethane	2.107	50	68061	46.971	ug/l	98
4) Vinyl Chloride	2.241	62	83835	50.818	ug/l	98
5) Bromomethane	2.638	94	56257	47.466	ug/l	99
6) Chloroethane	2.784	64	49195	51.076	ug/l	100
7) Trichlorofluoromethane	3.113	101	121310	55.076	ug/l	91
8) Diethyl Ether	3.522	74	41658	49.435	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	71927	48.198	ug/l	95
10) Methyl Iodide	4.082	142	95309	47.735	ug/l	91
11) Tert butyl alcohol	4.948	59	39726	174.269	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	70085	50.634	ug/l	92
13) Acrolein	3.717	56	25872	200.146	ug/l	100
14) Allyl chloride	4.466	41	119737	50.278	ug/l	95
15) Acrylonitrile	5.149	53	112426	242.468	ug/l	98
16) Acetone	3.936	43	100380	243.875	ug/l	94
17) Carbon Disulfide	4.186	76	205907	45.228	ug/l	99
18) Methyl Acetate	4.460	43	51551	42.656	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	211788	50.554	ug/l	100
20) Methylene Chloride	4.704	84	82508	41.536	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	83065	51.217	ug/l	90
22) Diisopropyl ether	6.112	45	287720	56.828	ug/l	93
23) Vinyl Acetate	6.052	43	931425	264.746	ug/l	95
24) 1,1-Dichloroethane	6.003	63	145572	50.985	ug/l	100
25) 2-Butanone	6.978	43	166826	250.548	ug/l #	91
26) 2,2-Dichloropropane	6.972	77	141095	50.139	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	97076	50.842	ug/l	90
28) Bromochloromethane	7.326	49	62869	52.389	ug/l #	91
29) Tetrahydrofuran	7.338	42	107899	250.540	ug/l	94
30) Chloroform	7.502	83	155310	49.702	ug/l	97
31) Cyclohexane	7.777	56	135822	48.928	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	142410	51.691	ug/l	97
36) 1,1-Dichloropropene	7.911	75	118760	52.896	ug/l	97
37) Ethyl Acetate	7.064	43	71250	50.627	ug/l	97
38) Carbon Tetrachloride	7.893	117	128458	53.498	ug/l	98
39) Methylcyclohexane	9.179	83	144646	53.672	ug/l	92
40) Benzene	8.155	78	346581	52.569	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	100886	138.052	ug/l #	38
42) 1,2-Dichloroethane	8.228	62	106168	53.639	ug/l	93
43) Isopropyl Acetate	8.265	43	137418	52.332	ug/l	96
44) Trichloroethene	8.935	130	95733	51.402	ug/l	99
45) 1,2-Dichloropropane	9.210	63	86912	52.091	ug/l	95
46) Dibromomethane	9.301	93	51138	52.221	ug/l	97
47) Bromodichloromethane	9.490	83	122150	52.407	ug/l	100
48) Methyl methacrylate	9.289	41	62085	54.876	ug/l	93
49) 1,4-Dioxane	9.289	88	14719	1020.647	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	378871	274.358	ug/l	95
52) Toluene	10.240	92	234625	55.847	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	136810	55.699	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	144549	52.777	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	74336	52.619	ug/l	96
56) Ethyl methacrylate	10.508	69	105989	56.510	ug/l	89
57) 1,3-Dichloropropane	10.788	76	125257	53.784	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	242876	265.080	ug/l	97
59) 2-Hexanone	10.831	43	272840	285.130	ug/l	93
60) Dibromochloromethane	10.977	129	92078	53.823	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71448	52.755	ug/l	100
64) Tetrachloroethene	10.715	164	94045	45.183	ug/l	99
65) Chlorobenzene	11.514	112	254845	52.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	97139	52.816	ug/l	98
67) Ethyl Benzene	11.593	91	457617	53.612	ug/l	96
68) m/p-Xylenes	11.697	106	371458	111.582	ug/l	92
69) o-Xylene	12.026	106	179242	56.173	ug/l	90
70) Styrene	12.044	104	303826	57.006	ug/l	95
71) Bromoform	12.203	173	63118	53.844	ug/l #	98
73) Isopropylbenzene	12.325	105	468864	51.591	ug/l	98
74) N-amyl acetate	12.142	43	137893	53.328	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	94154	51.742	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	124211	88.299	ug/l #	100
77) Bromobenzene	12.605	156	111438	50.368	ug/l	95
78) n-propylbenzene	12.672	91	573060	52.193	ug/l	97
79) 2-Chlorotoluene	12.758	91	319301	51.944	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	397568	52.336	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	34238	49.813	ug/l	89
82) 4-Chlorotoluene	12.855	91	341952	53.082	ug/l	97
83) tert-Butylbenzene	13.075	119	349551	51.722	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	396235	52.404	ug/l	96
85) sec-Butylbenzene	13.251	105	529917	53.240	ug/l	99
86) p-Isopropyltoluene	13.367	119	441805	53.251	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	225572	51.650	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	227372	51.440	ug/l	98
89) n-Butylbenzene	13.697	91	415690	53.655	ug/l	98
90) Hexachloroethane	13.959	117	82944	50.953	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	202571	50.626	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15576	48.836	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	119254	48.866	ug/l	99
94) Hexachlorobutadiene	15.111	225	66528	49.585	ug/l	99
95) Naphthalene	15.233	128	242994	48.158	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	102421	48.456	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

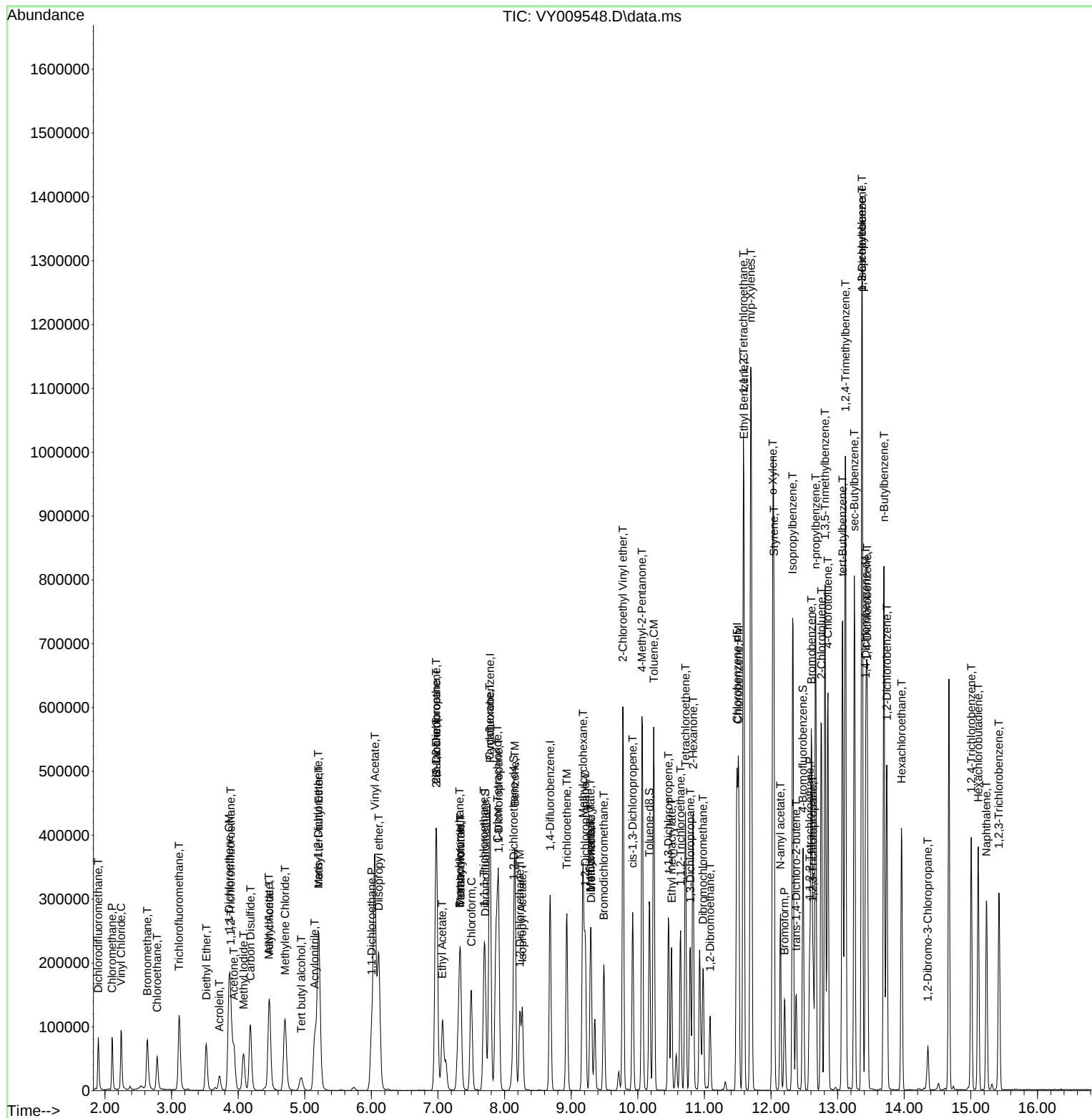
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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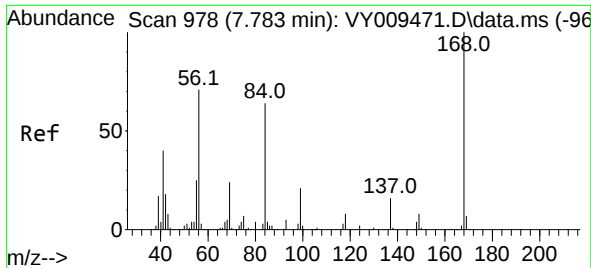
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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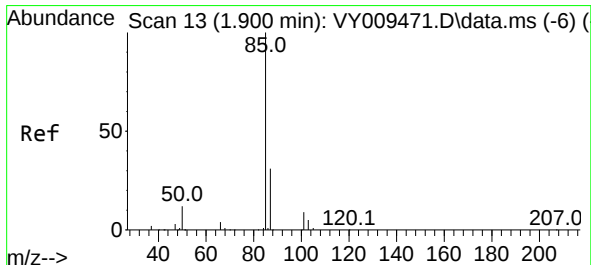
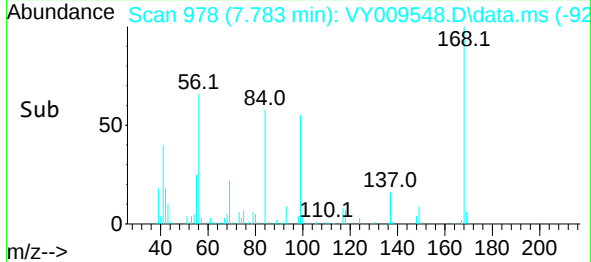
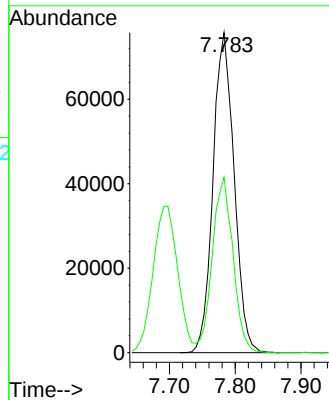
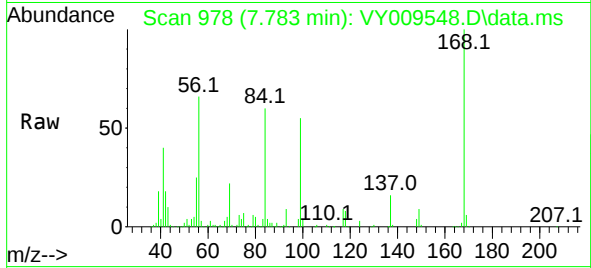




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009548.D
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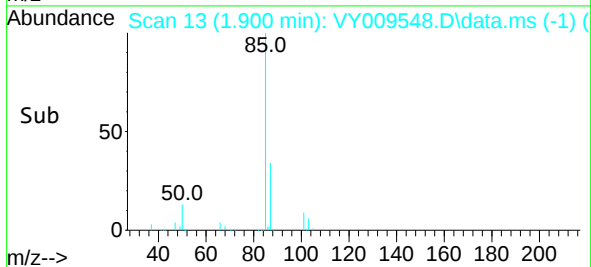
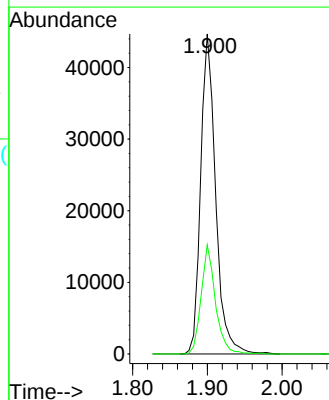
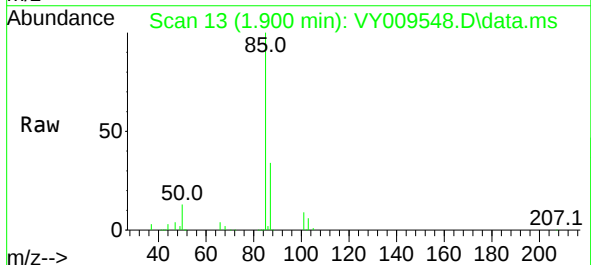
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 169200
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3

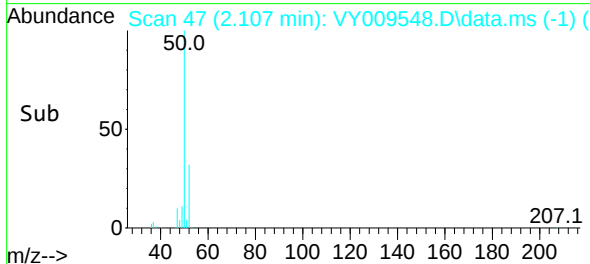
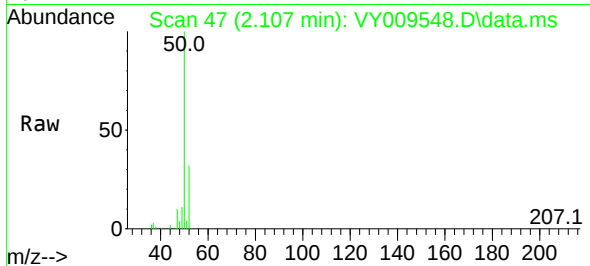
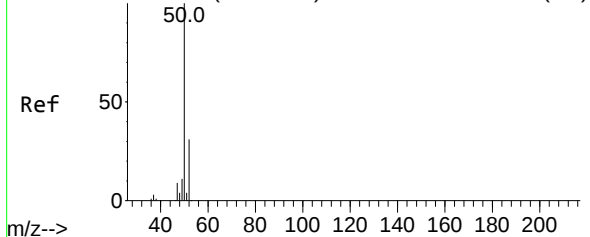


#2
Dichlorodifluoromethane
Concen: 47.814 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 85 Resp: 62040
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2



Abundance Scan 47 (2.107 min): VY009471.D\data.ms (-40)



#3

Chloromethane

Concen: 46.971 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

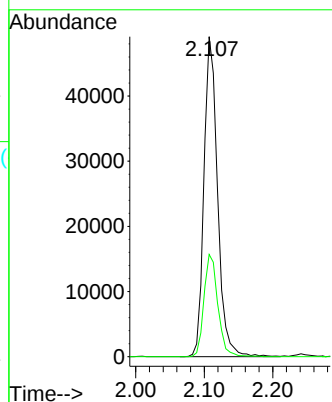
VSTDCCC050

Tgt Ion: 50 Resp: 68061

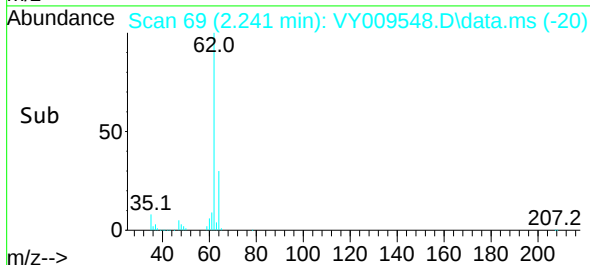
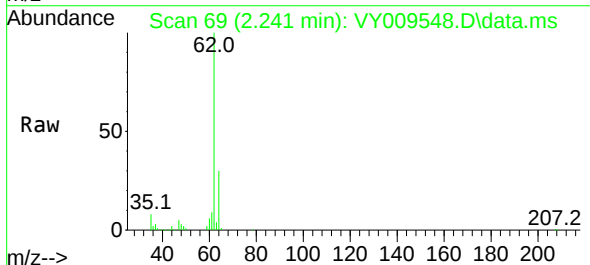
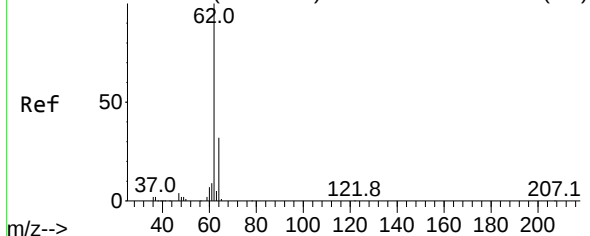
Ion Ratio Lower Upper

50 100

52 31.9 24.6 37.0



Abundance Scan 69 (2.241 min): VY009471.D\data.ms (-60)



#4

Vinyl Chloride

Concen: 50.818 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY009548.D

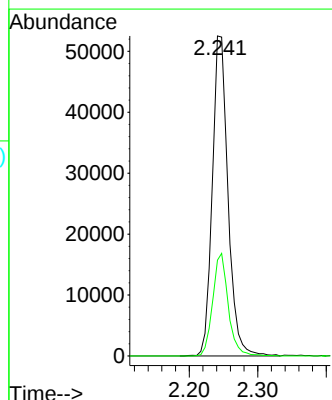
Acq: 13 Jul 2022 09:27

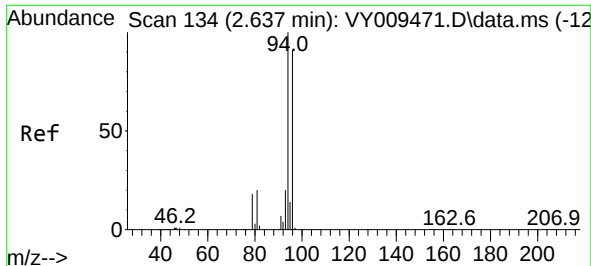
Tgt Ion: 62 Resp: 83835

Ion Ratio Lower Upper

62 100

64 30.0 25.0 37.6

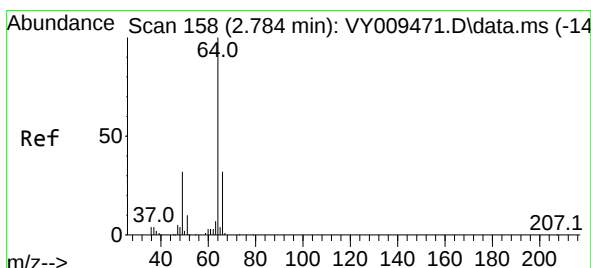
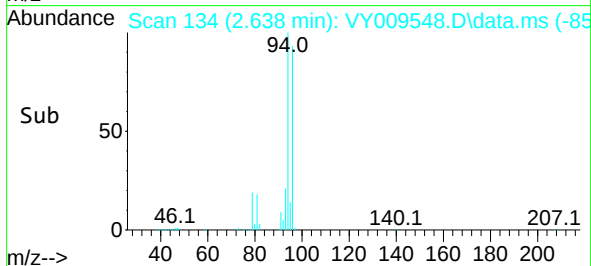
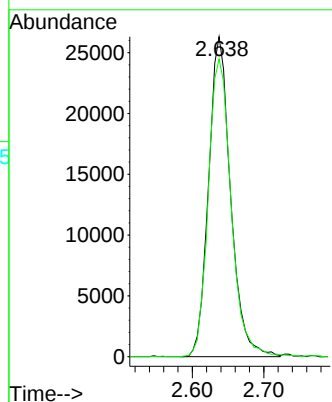
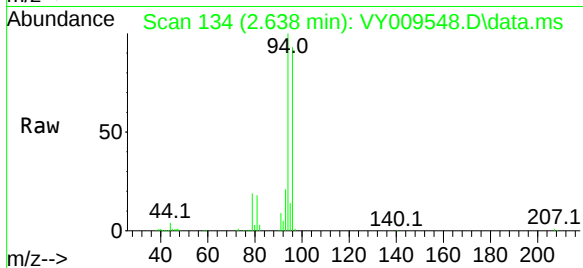




#5
Bromomethane
Concen: 47.466 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

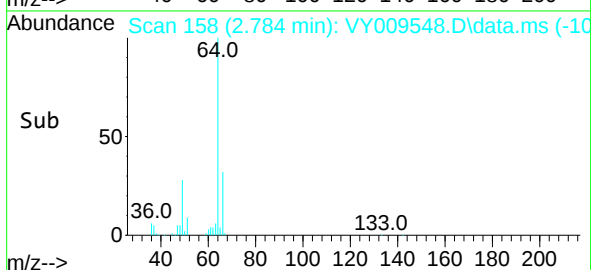
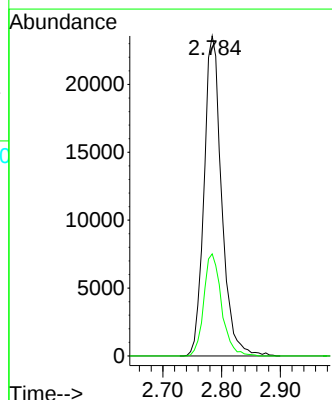
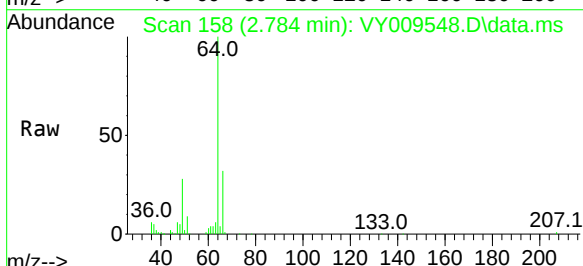
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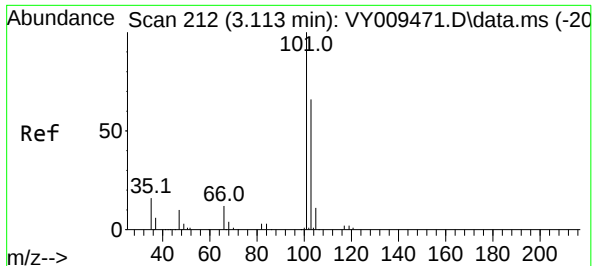
Tgt Ion: 94 Resp: 56257
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3



#6
Chloroethane
Concen: 51.076 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 64 Resp: 49195
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

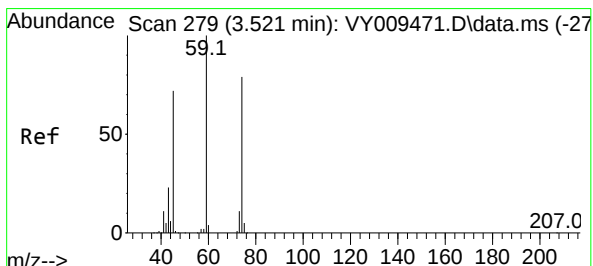
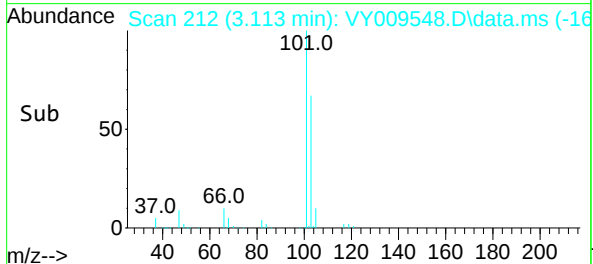
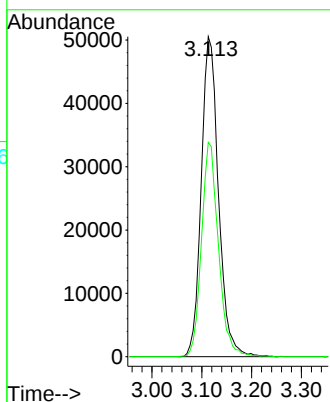
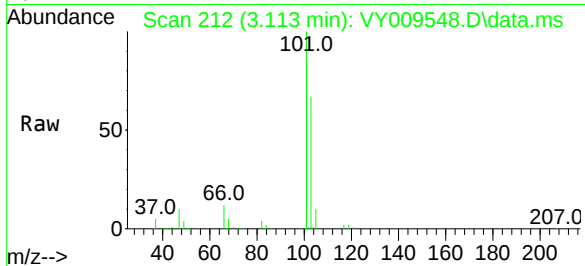




#7
Trichlorofluoromethane
Concen: 55.076 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

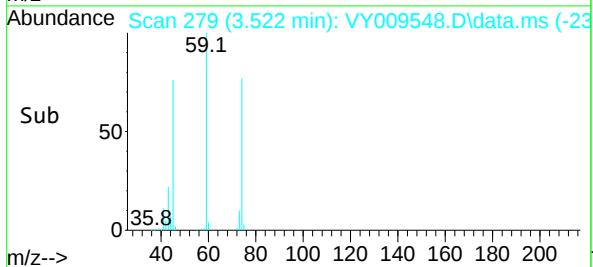
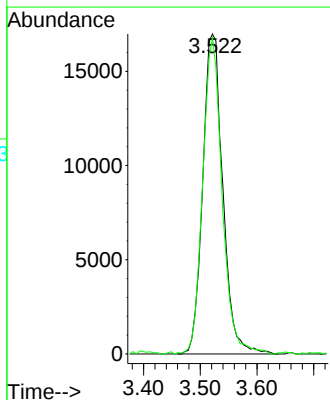
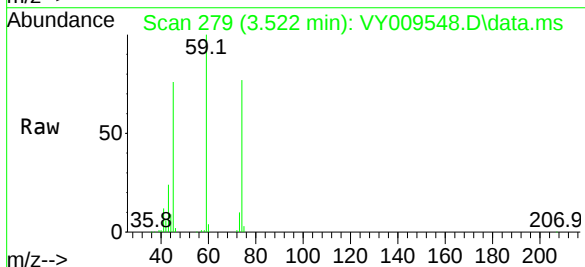
Instrument :
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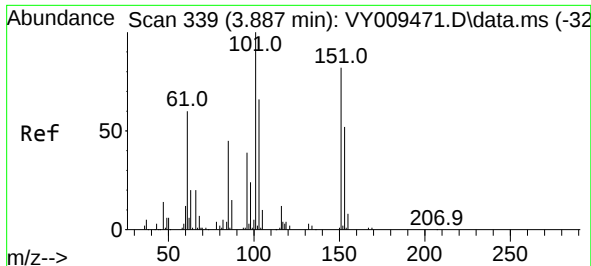
Tgt Ion:101 Resp: 121310
Ion Ratio Lower Upper
101 100
103 67.0 48.0 72.0



#8
Diethyl Ether
Concen: 49.435 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.001 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 74 Resp: 41658
Ion Ratio Lower Upper
74 100
45 95.8 55.1 165.5

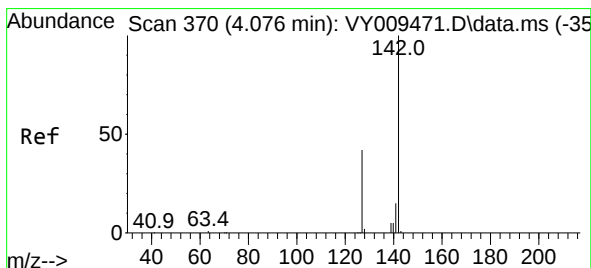
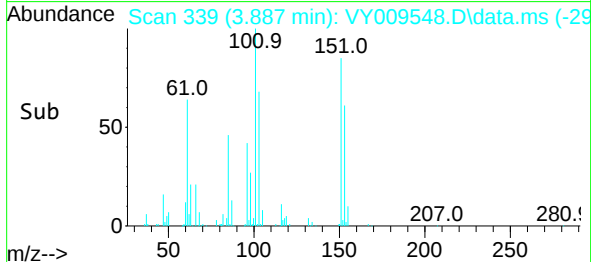
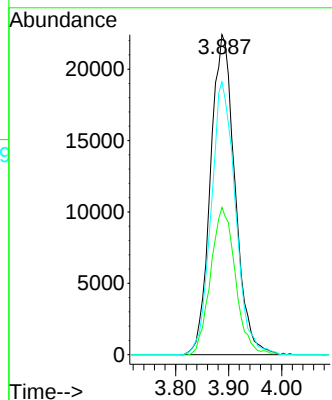
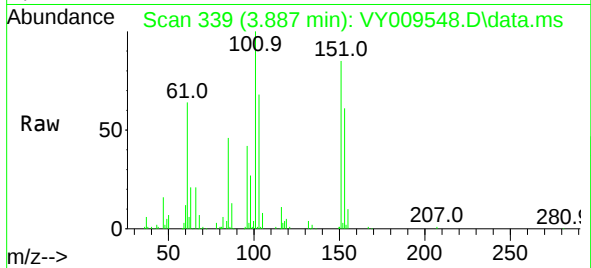




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.198 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

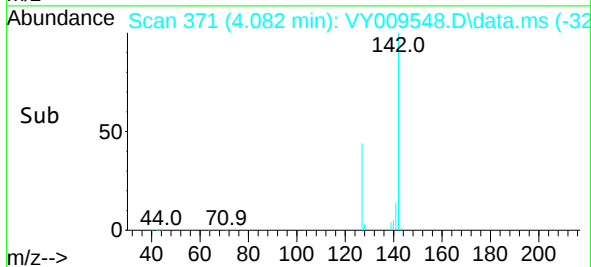
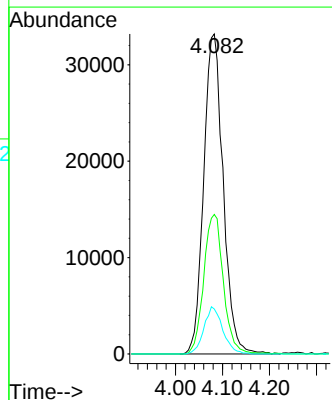
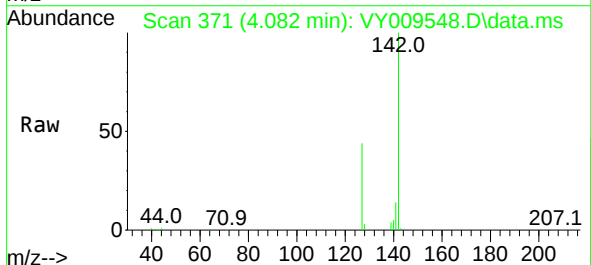
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 71927
Ion Ratio Lower Upper
101 100
85 46.4 40.6 60.8
151 84.5 64.9 97.3



#10
Methyl Iodide
Concen: 47.735 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion:142 Resp: 95309
Ion Ratio Lower Upper
142 100
127 43.9 41.5 62.3
141 14.3 11.9 17.9

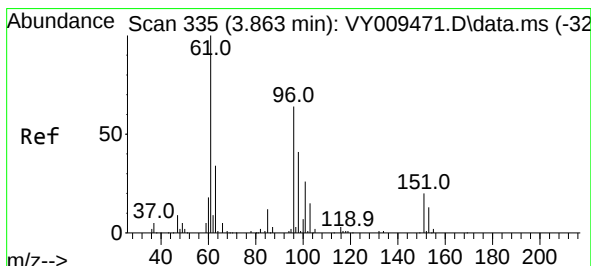
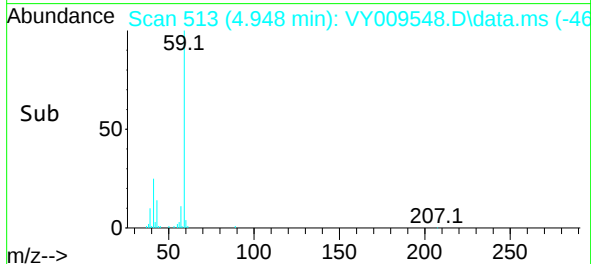
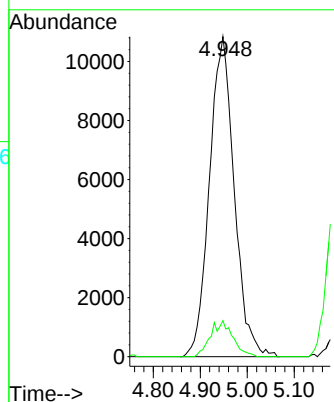
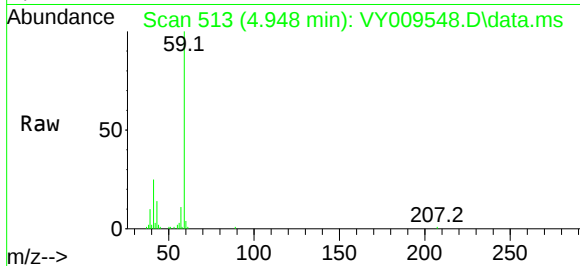




#11
Tert butyl alcohol
Concen: 174.269 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

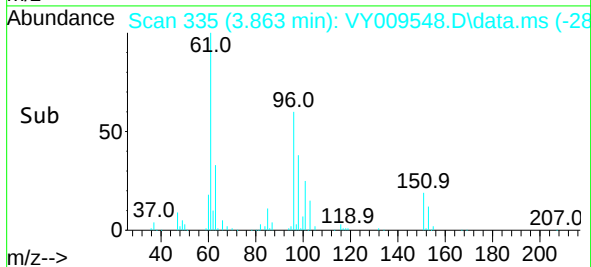
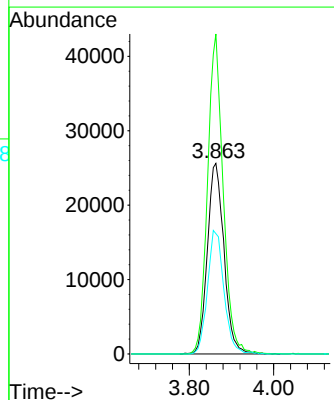
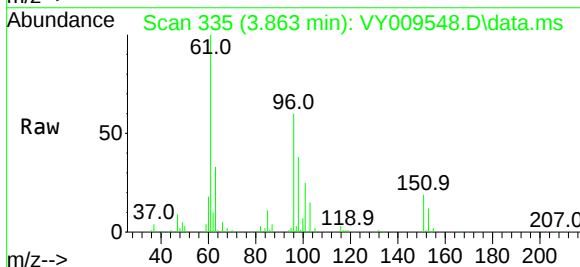
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

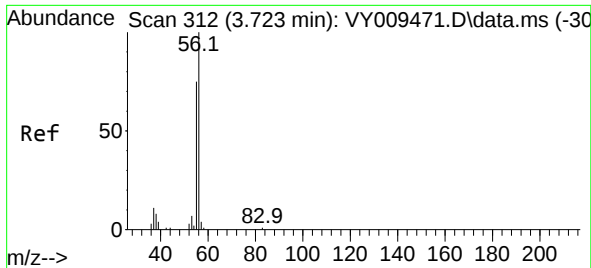
Tgt Ion: 59 Resp: 39726
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 50.634 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 96 Resp: 70085
Ion Ratio Lower Upper
96 100
61 167.9 145.8 218.6
98 63.2 52.5 78.7

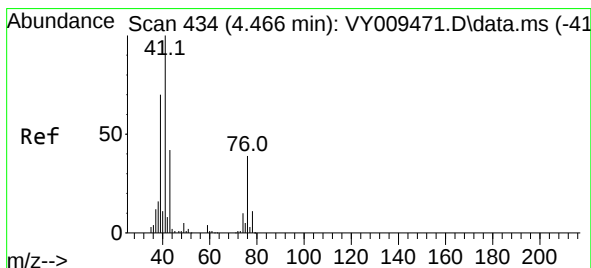
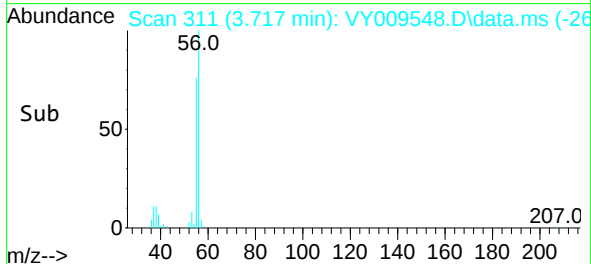
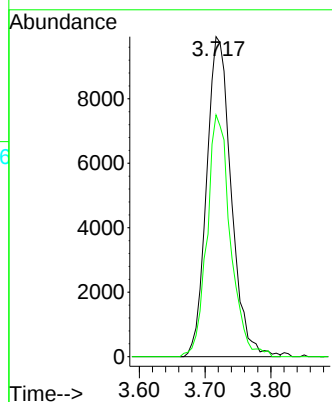
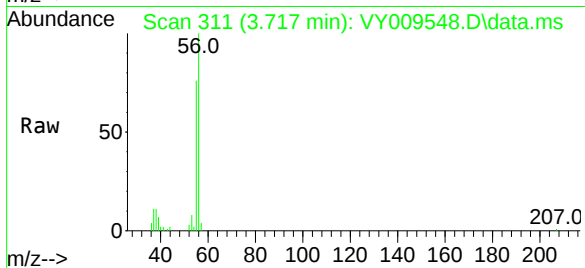




#13
Acrolein
Concen: 200.146 ug/l
RT: 3.717 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

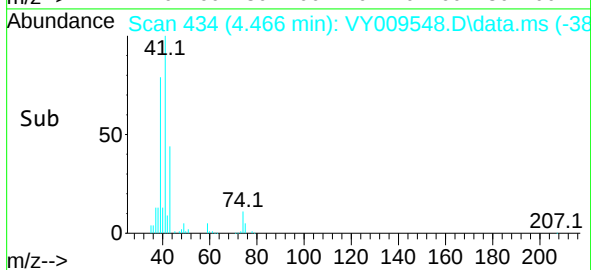
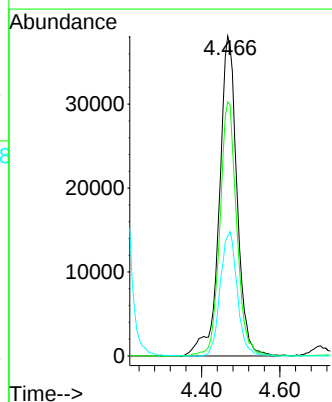
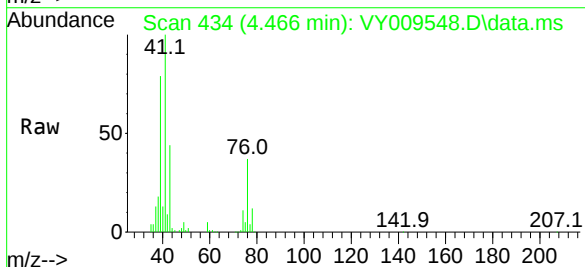
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

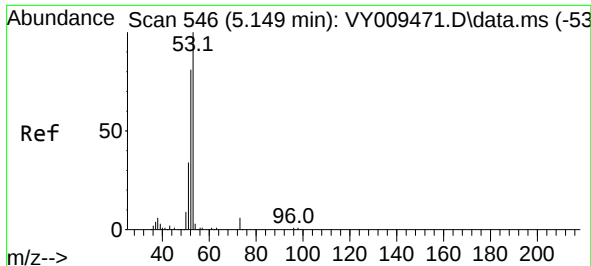
Tgt Ion: 56 Resp: 25872
Ion Ratio Lower Upper
56 100
55 71.7 57.6 86.4



#14
Allyl chloride
Concen: 50.278 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 41 Resp: 119737
Ion Ratio Lower Upper
41 100
39 75.7 58.8 88.2
76 37.3 25.1 37.7

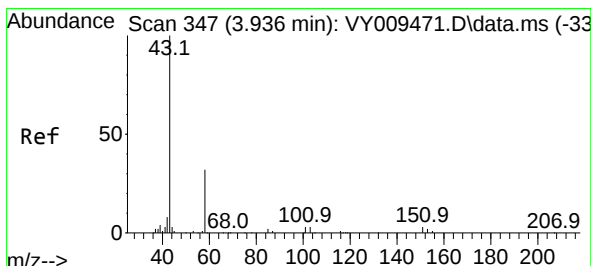
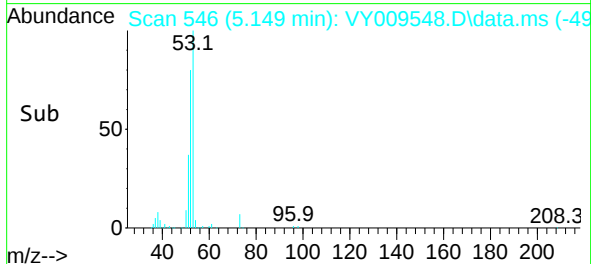
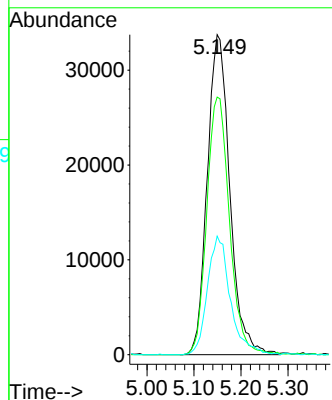
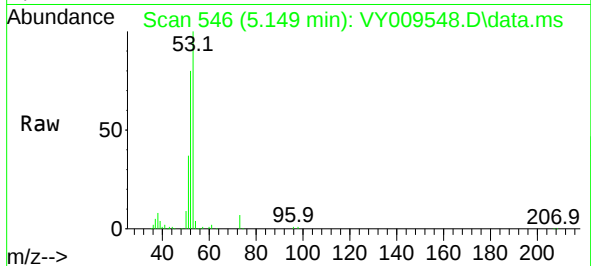




#15
Acrylonitrile
Concen: 242.468 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

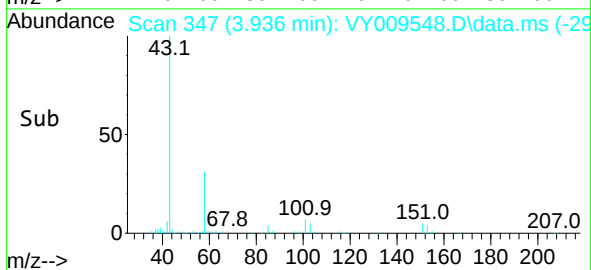
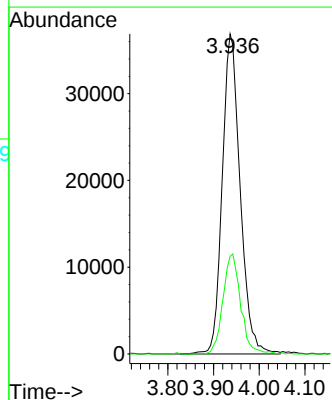
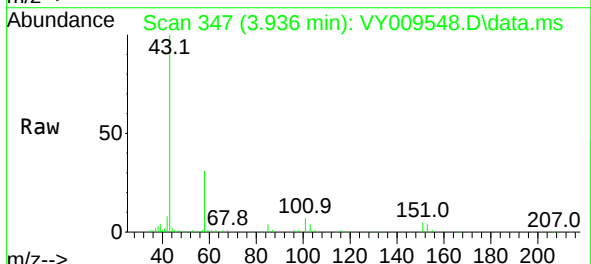
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

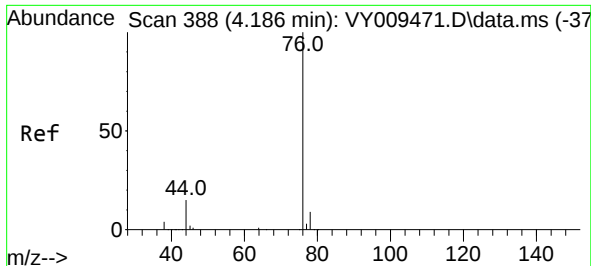
Tgt Ion: 53 Resp: 112426
Ion Ratio Lower Upper
53 100
52 81.1 67.0 100.4
51 37.6 29.8 44.6



#16
Acetone
Concen: 243.875 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 43 Resp: 100380
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0

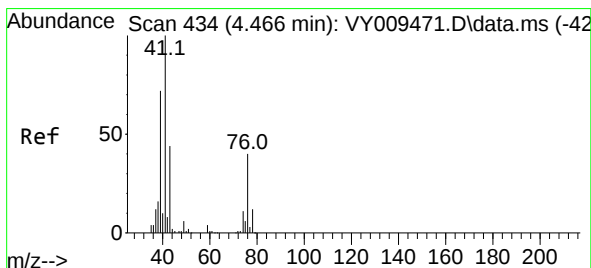
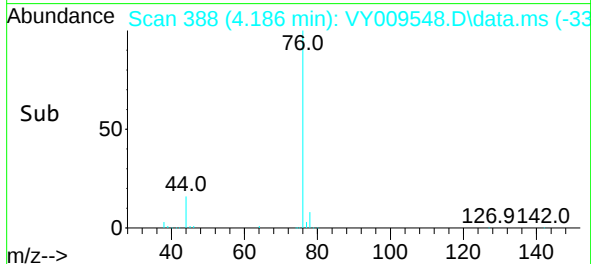
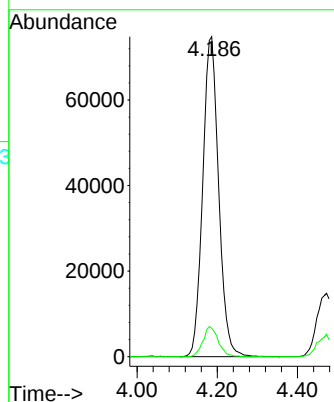
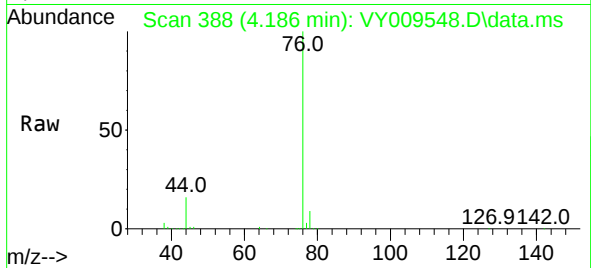




#17
Carbon Disulfide
Concen: 45.228 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

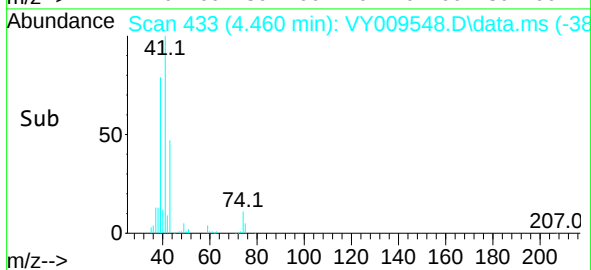
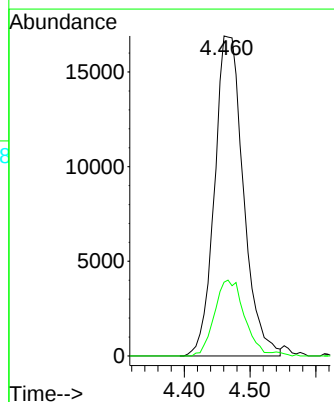
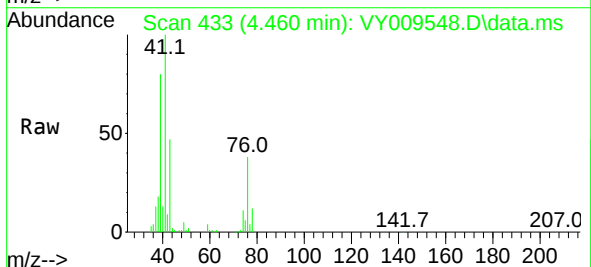
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

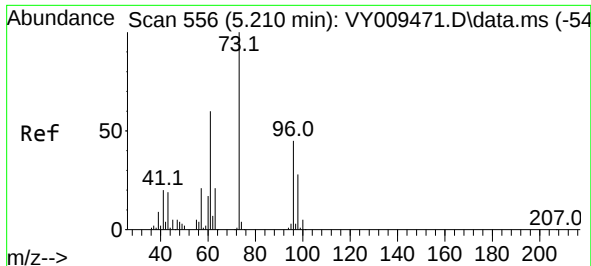
Tgt Ion: 76 Resp: 205907
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 42.656 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 43 Resp: 51551
Ion Ratio Lower Upper
43 100
74 24.4 16.6 24.8

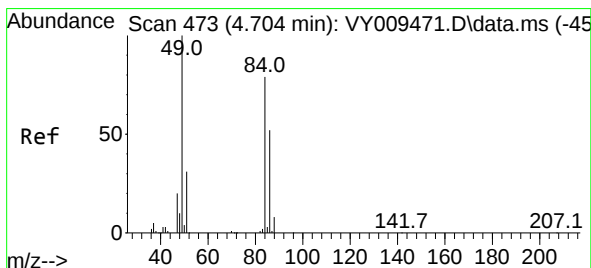
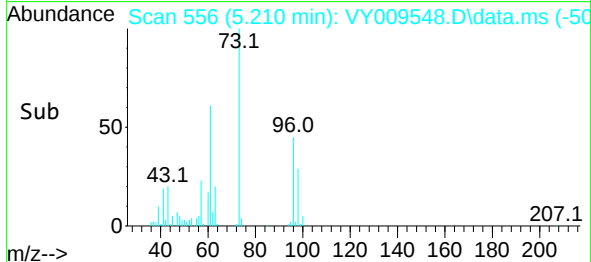
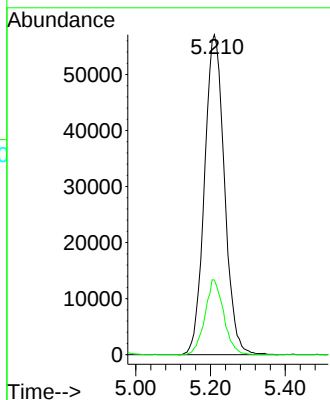
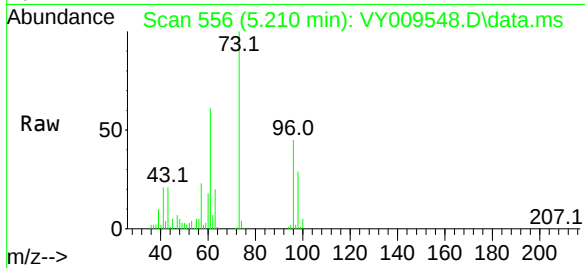




#19
Methyl tert-butyl Ether
Concen: 50.554 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

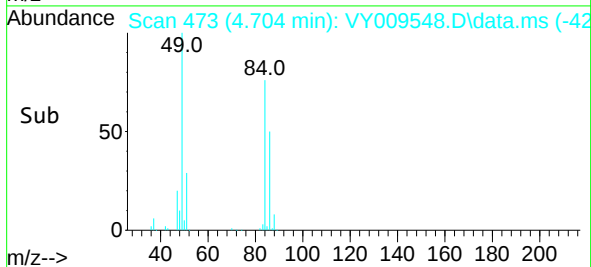
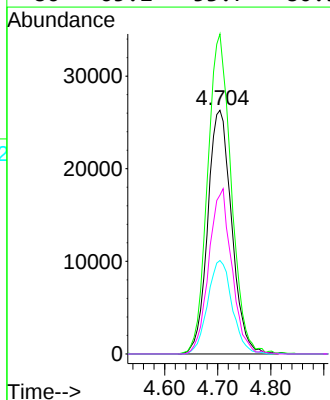
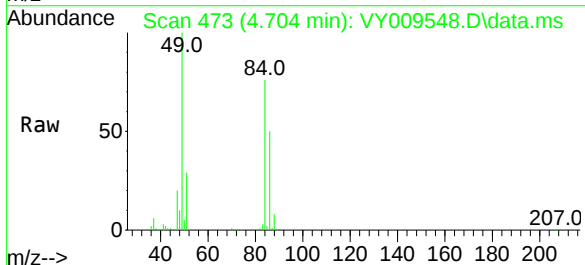
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

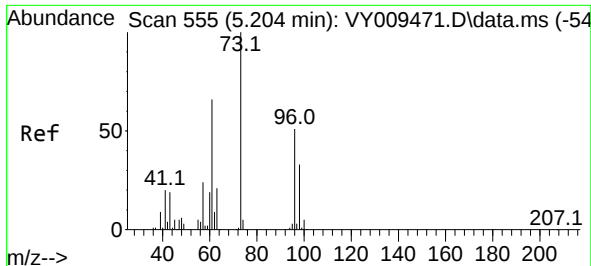
Tgt Ion: 73 Resp: 211788
Ion Ratio Lower Upper
73 100
57 23.4 18.6 27.8



#20
Methylene Chloride
Concen: 41.536 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 84 Resp: 82508
Ion Ratio Lower Upper
84 100
49 131.3 114.4 171.6
51 38.4 35.3 52.9
86 65.2 53.7 80.5

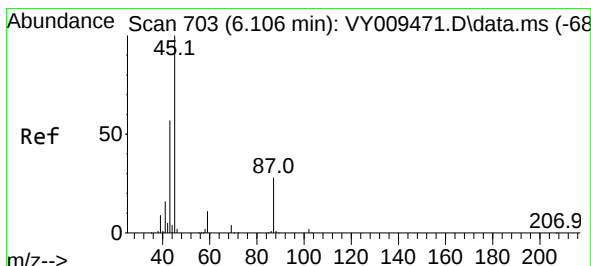
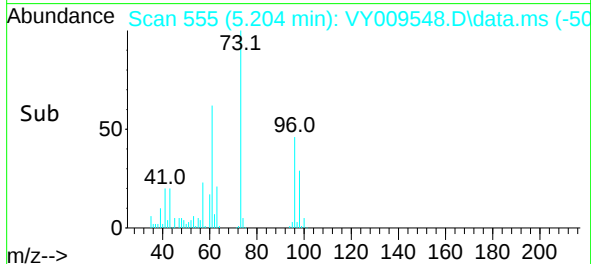
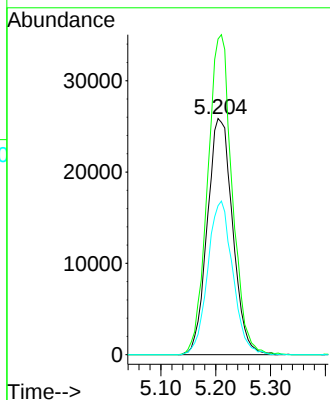
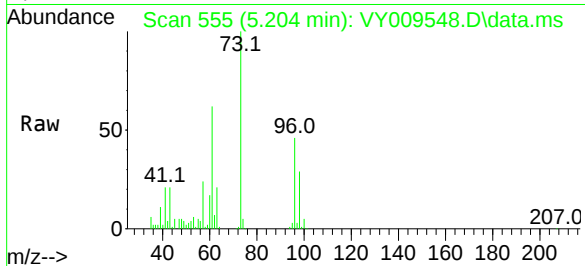




#21
trans-1,2-Dichloroethene
Concen: 51.217 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

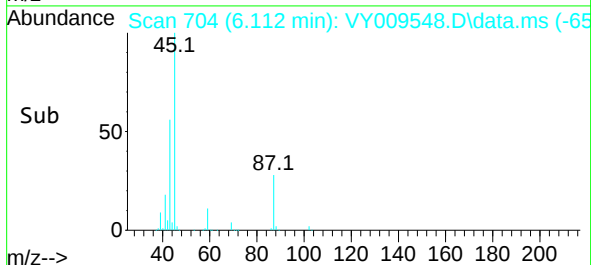
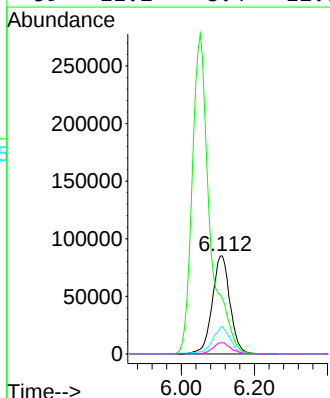
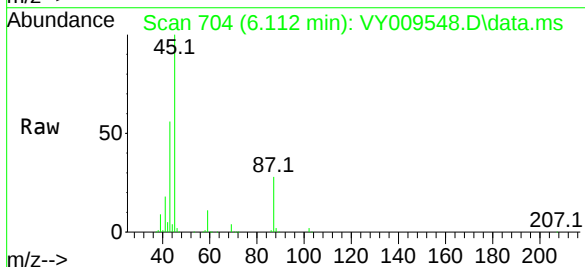
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

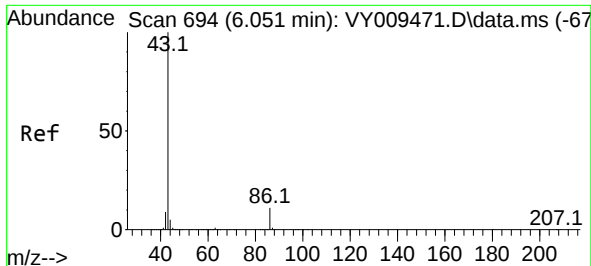
Tgt Ion: 96 Resp: 83065
Ion Ratio Lower Upper
96 100
61 133.7 120.5 180.7
98 63.0 49.8 74.8



#22
Diisopropyl ether
Concen: 56.828 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 45 Resp: 287720
Ion Ratio Lower Upper
45 100
43 56.1 49.3 73.9
87 28.1 19.2 28.8
59 11.2 8.4 12.6

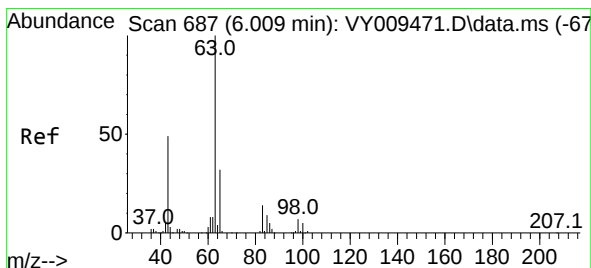
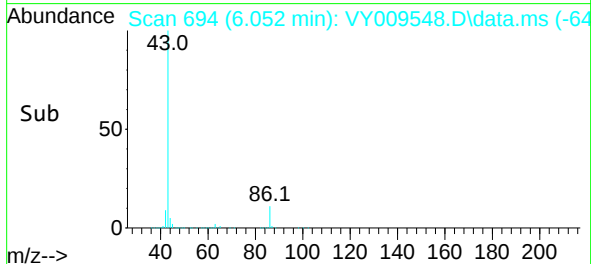
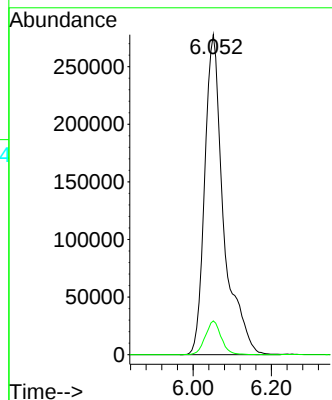
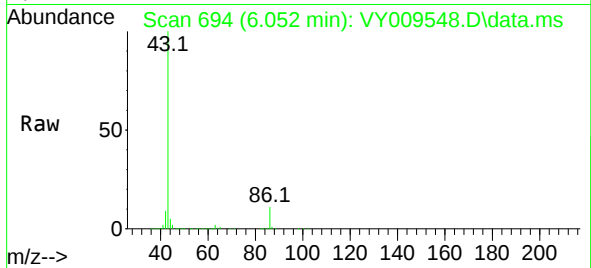




#23
 Vinyl Acetate
 Concen: 264.746 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY009548.D
 Acq: 13 Jul 2022 09:27

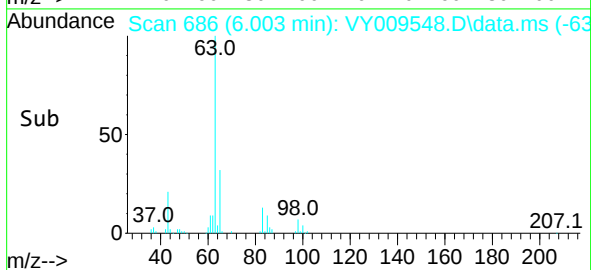
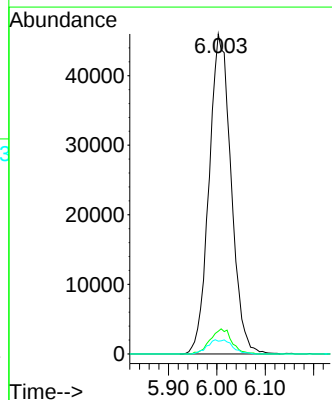
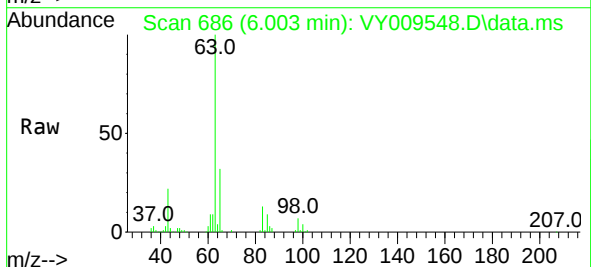
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

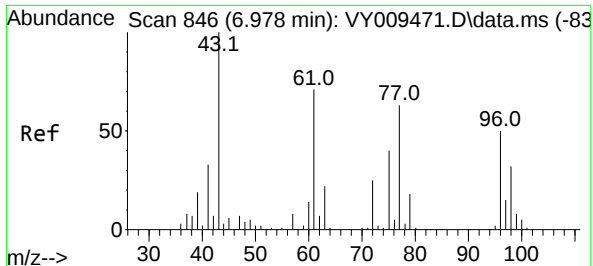
Tgt Ion: 43 Resp: 931425
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 50.985 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009548.D
 Acq: 13 Jul 2022 09:27

Tgt Ion: 63 Resp: 145572
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 250.548 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

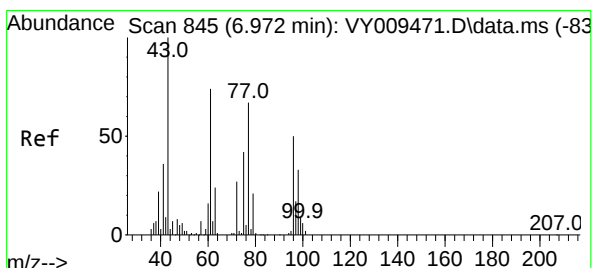
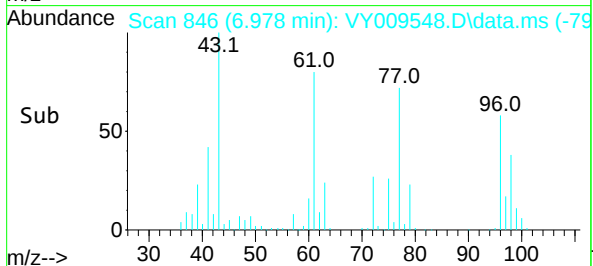
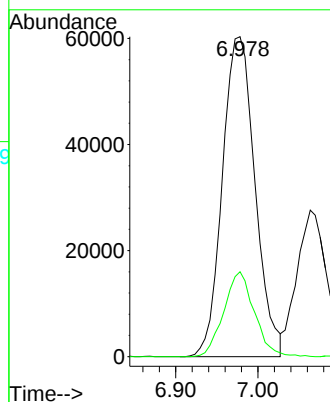
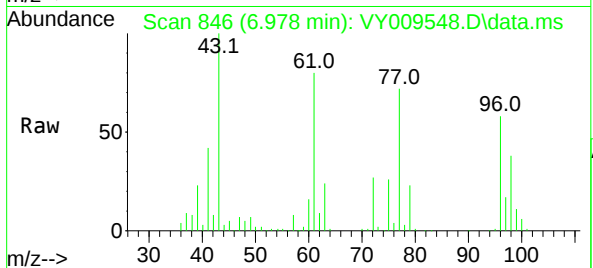
VSTDCCC050

Tgt Ion: 43 Resp: 166826

Ion Ratio Lower Upper

43 100

72 26.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 50.139 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009548.D

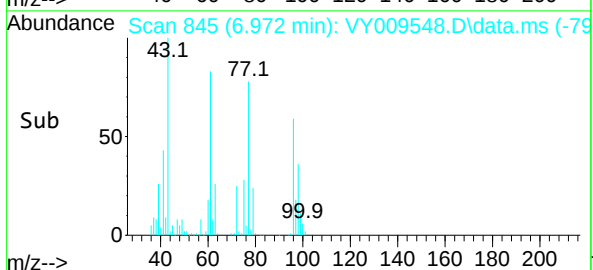
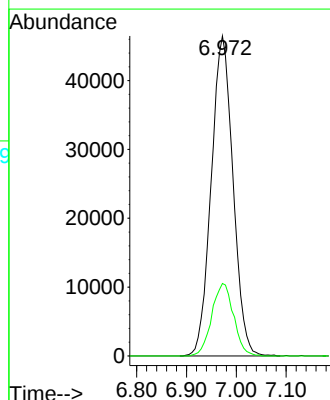
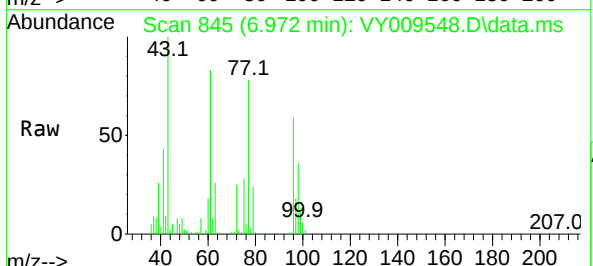
Acq: 13 Jul 2022 09:27

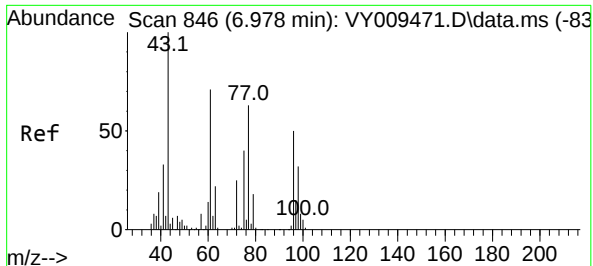
Tgt Ion: 77 Resp: 141095

Ion Ratio Lower Upper

77 100

97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.842 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

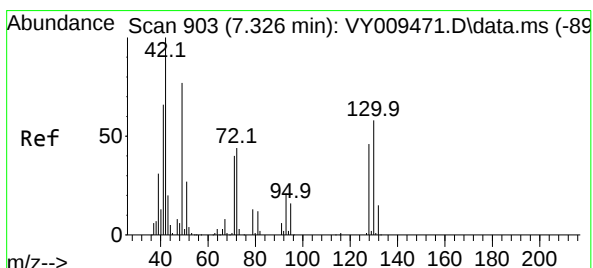
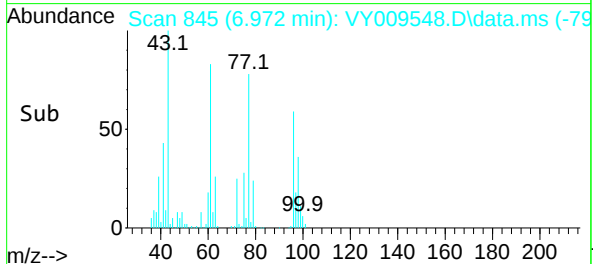
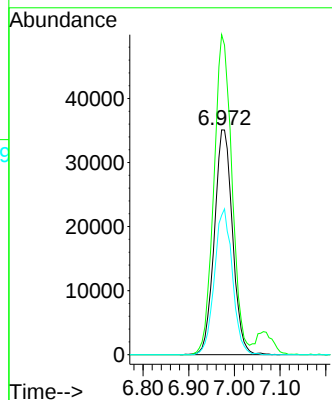
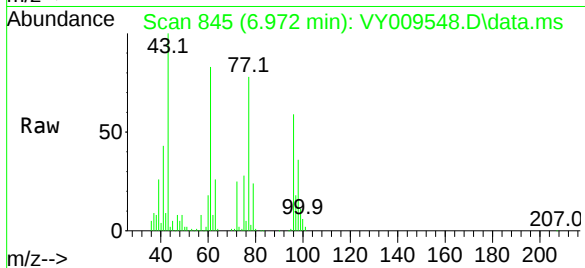
Tgt Ion: 96 Resp: 97076

Ion Ratio Lower Upper

96 100

61 141.5 0.0 319.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 52.389 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

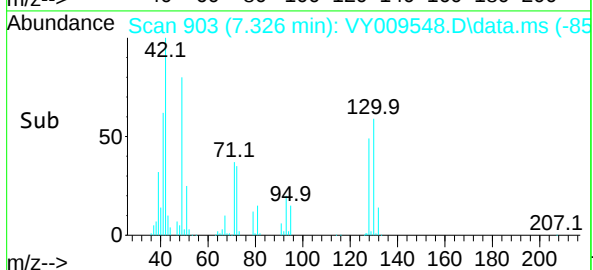
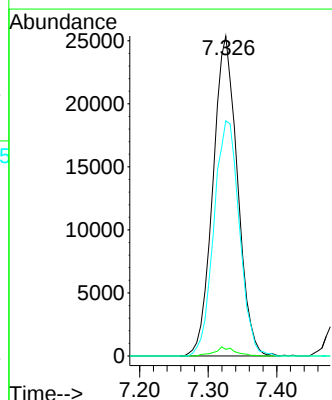
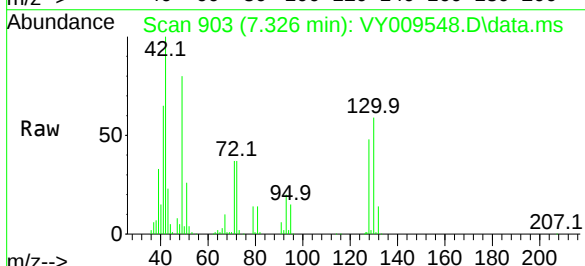
Tgt Ion: 49 Resp: 62869

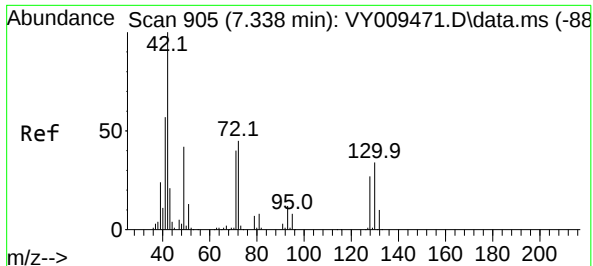
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 76.6 55.4 83.0





#29

Tetrahydrofuran

Concen: 250.540 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

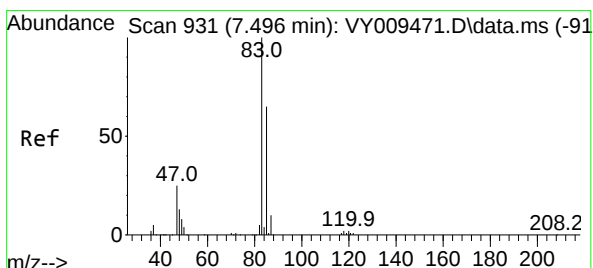
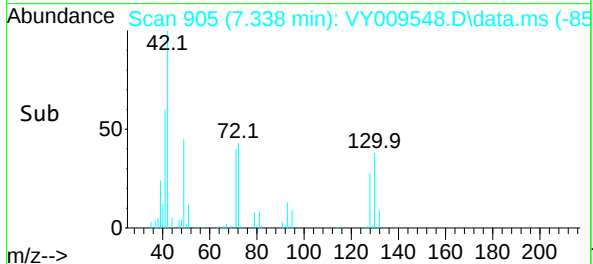
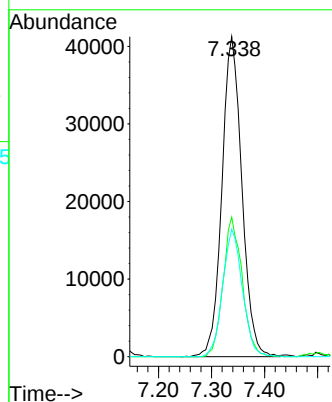
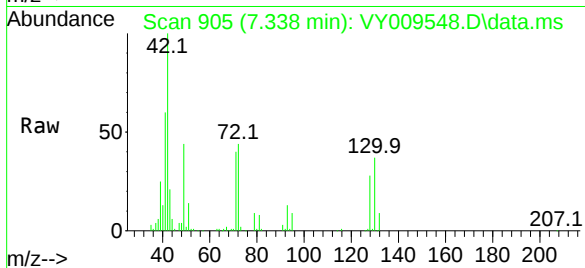
Tgt Ion: 42 Resp: 107899

Ion Ratio Lower Upper

42 100

72 41.7 30.3 45.5

71 39.5 29.0 43.4



#30

Chloroform

Concen: 49.702 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY009548.D

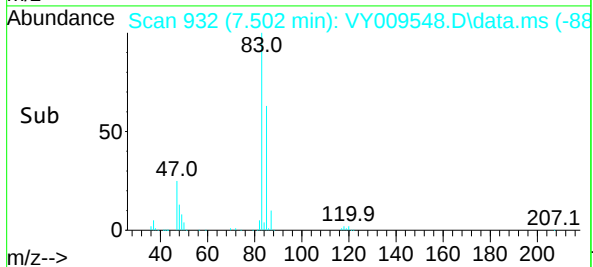
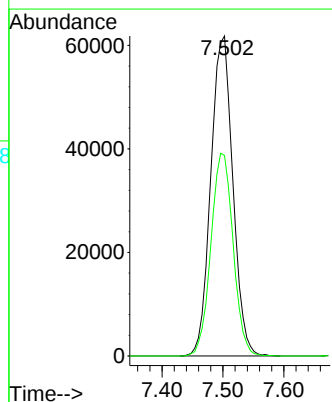
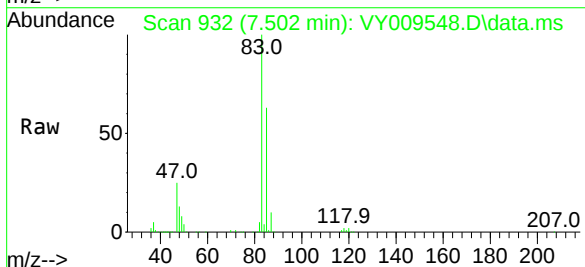
Acq: 13 Jul 2022 09:27

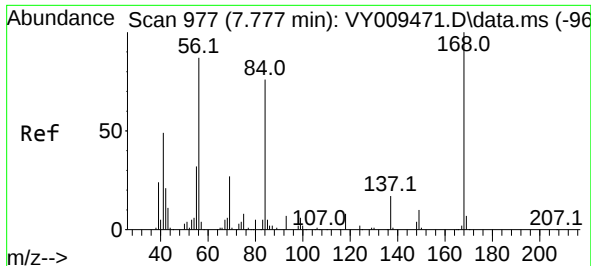
Tgt Ion: 83 Resp: 155310

Ion Ratio Lower Upper

83 100

85 62.7 51.8 77.6

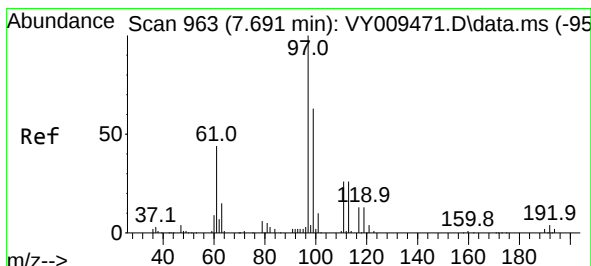
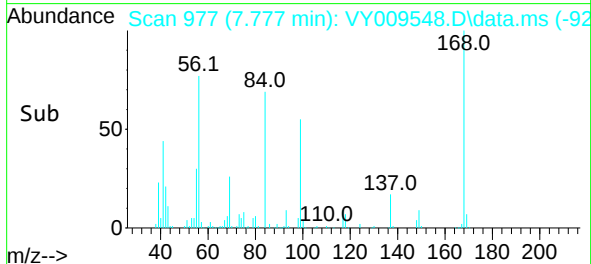
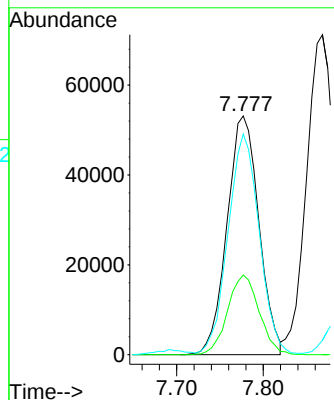
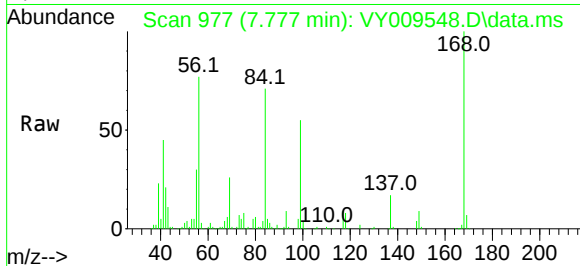




#31
Cyclohexane
Concen: 48.928 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

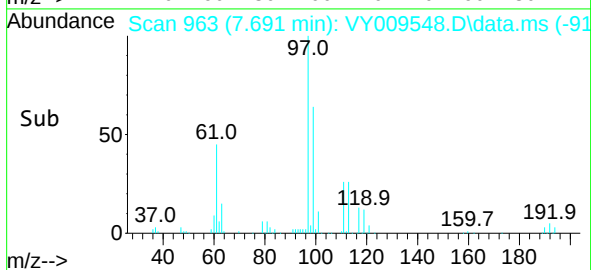
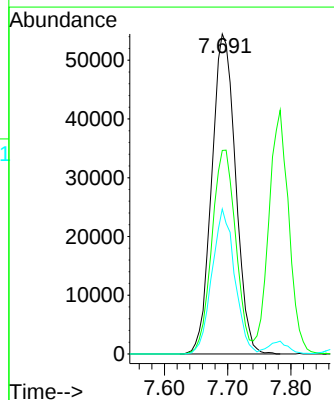
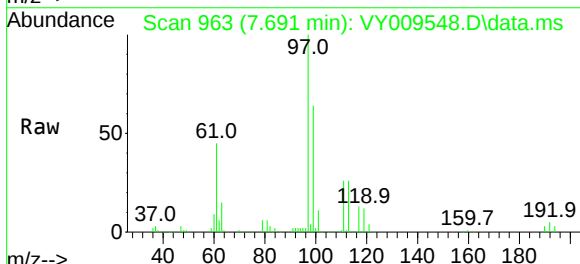
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

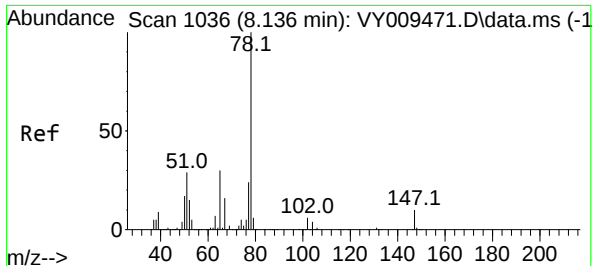
Tgt Ion: 56 Resp: 135822
Ion Ratio Lower Upper
56 100
69 33.4 26.7 40.1
84 90.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 51.691 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 97 Resp: 142410
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 43.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.960 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

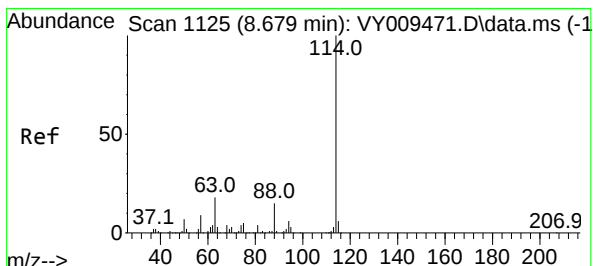
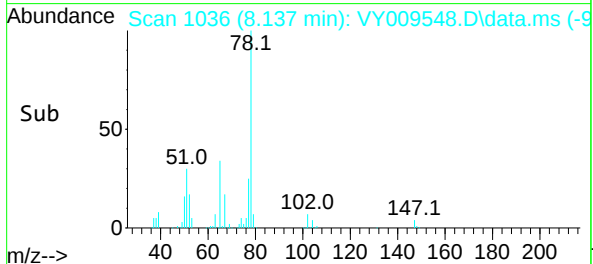
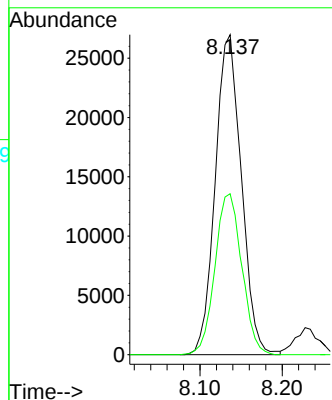
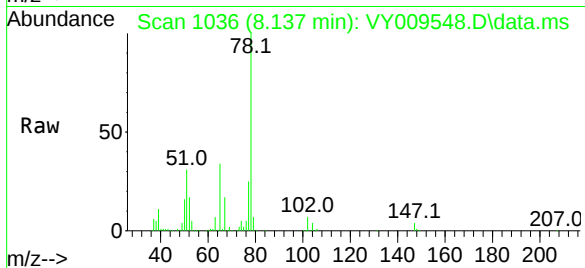
VSTDCCC050

Tgt Ion: 65 Resp: 59552

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

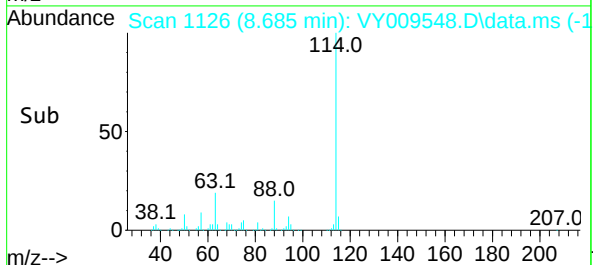
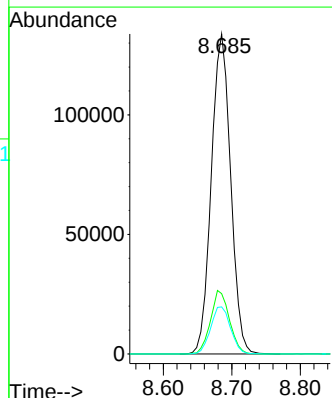
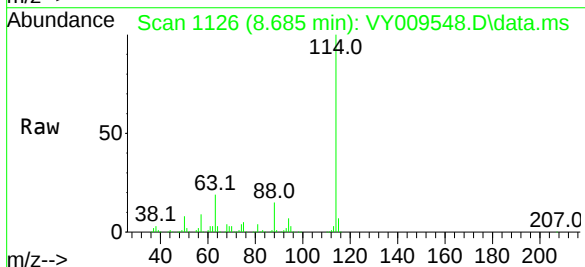
Tgt Ion: 114 Resp: 262095

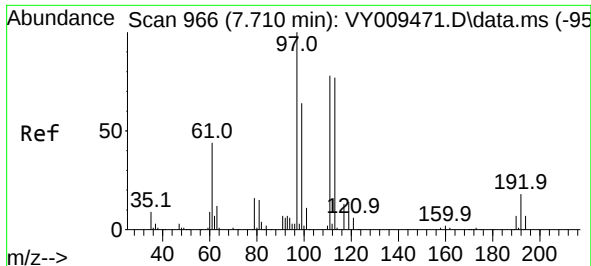
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.7 0.0 31.8

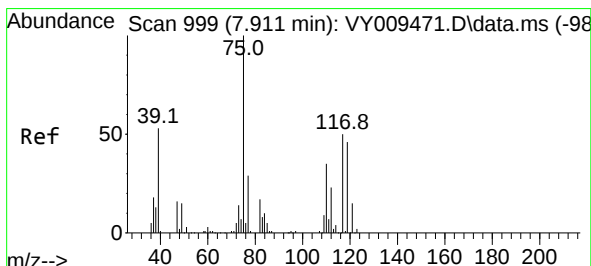
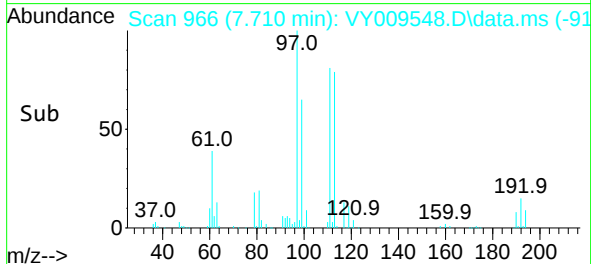
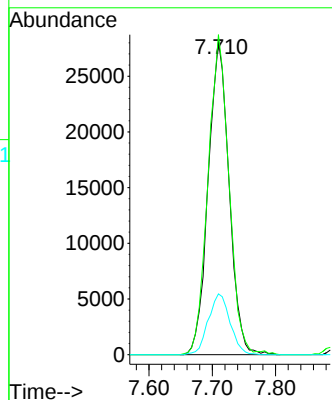
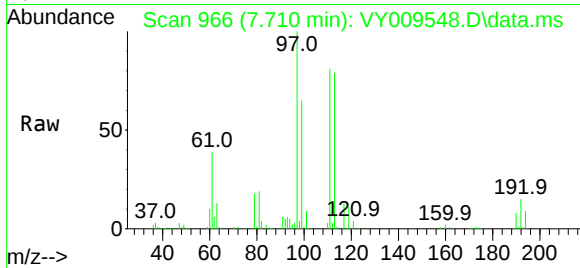




#35
Dibromofluoromethane
Concen: 46.832 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

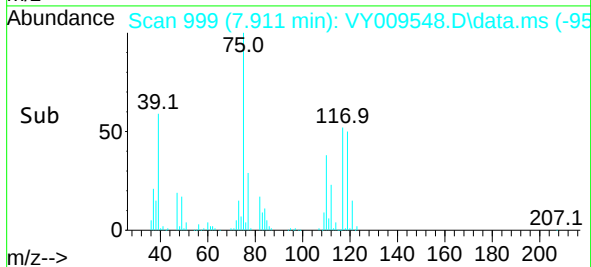
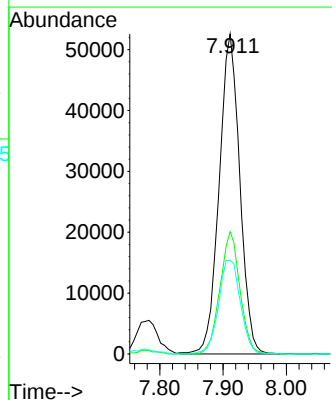
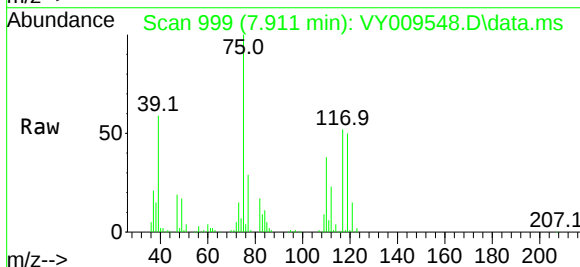
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

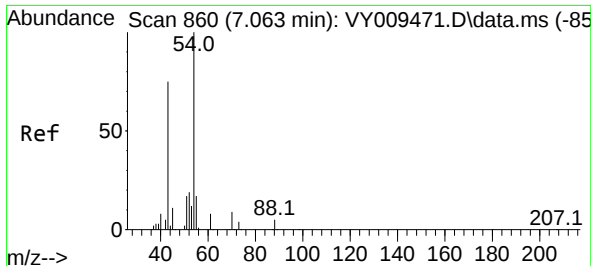
Tgt Ion:113 Resp: 64585
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.896 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 75 Resp: 118760
Ion Ratio Lower Upper
75 100
110 36.9 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 50.627 ug/l

RT: 7.064 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

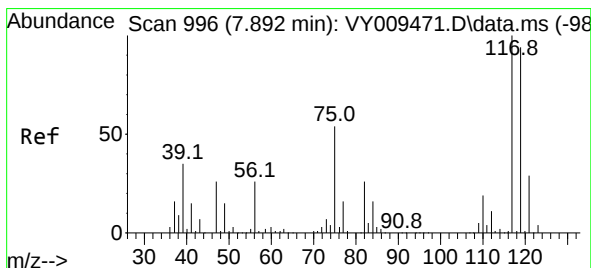
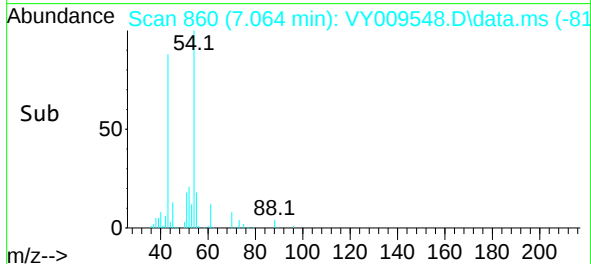
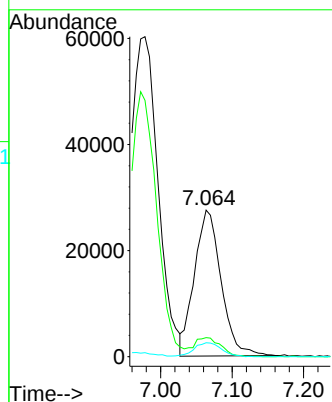
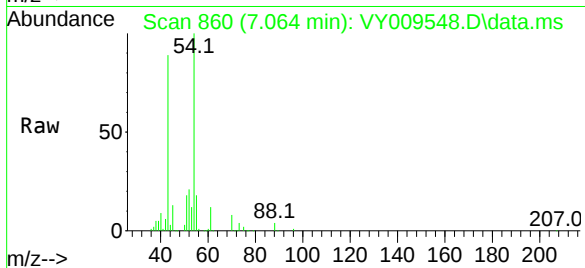
Tgt Ion: 43 Resp: 71250

Ion Ratio Lower Upper

43 100

61 13.5 9.7 14.5

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 53.498 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

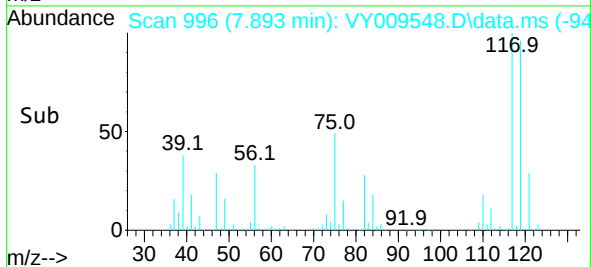
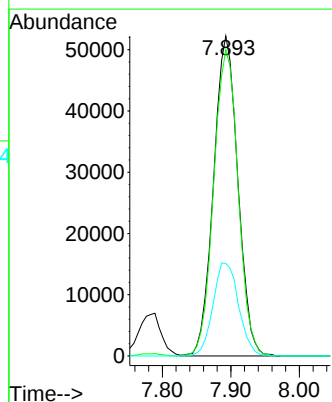
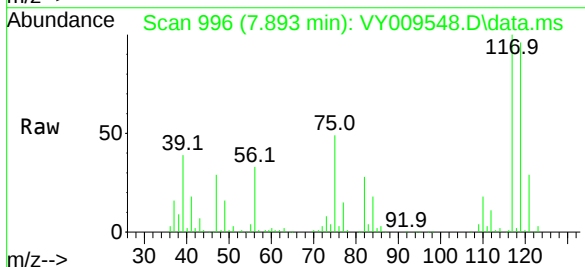
Tgt Ion: 117 Resp: 128458

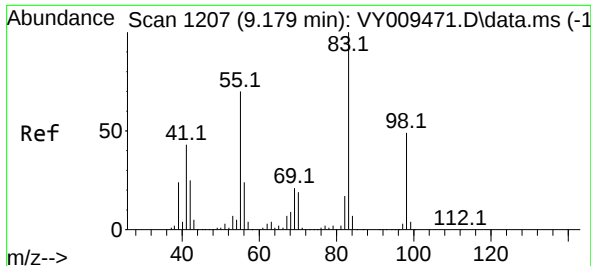
Ion Ratio Lower Upper

117 100

119 95.7 77.9 116.9

121 28.9 24.8 37.2





#39

Methylcyclohexane

Concen: 53.672 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

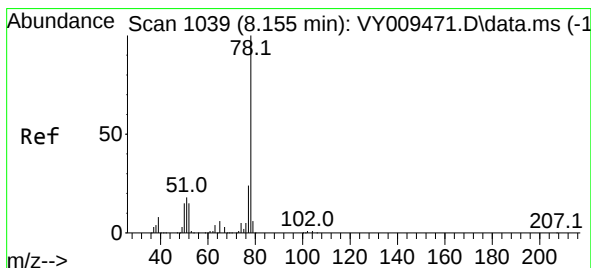
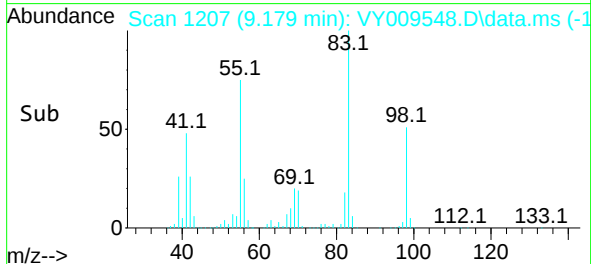
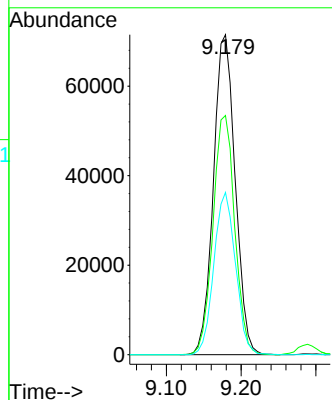
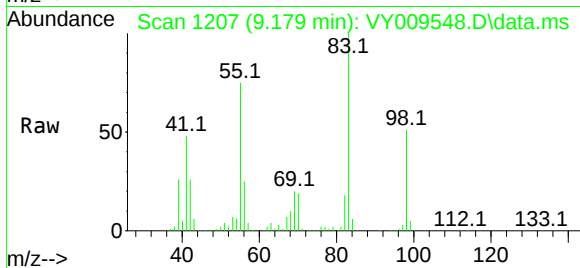
Tgt Ion: 83 Resp: 144646

Ion Ratio Lower Upper

83 100

55 74.7 66.5 99.7

98 50.7 37.9 56.9



#40

Benzene

Concen: 52.569 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009548.D

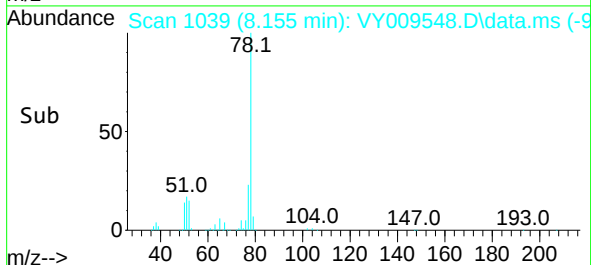
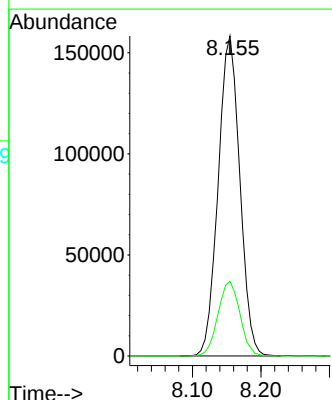
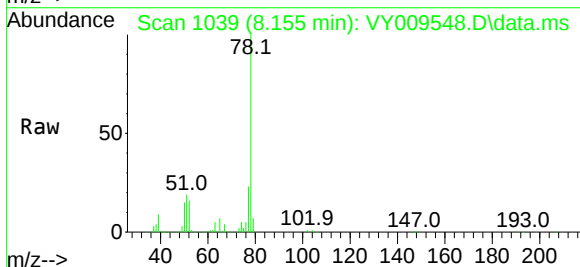
Acq: 13 Jul 2022 09:27

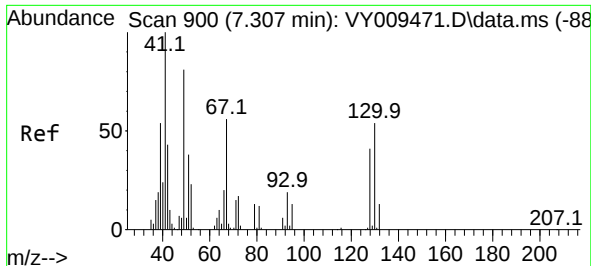
Tgt Ion: 78 Resp: 346581

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

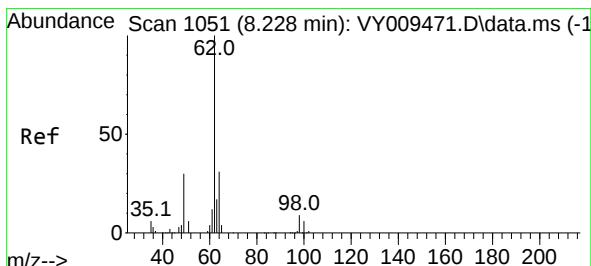
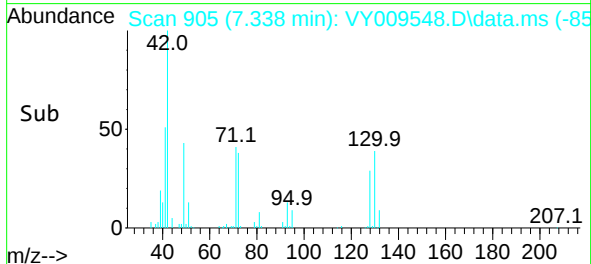
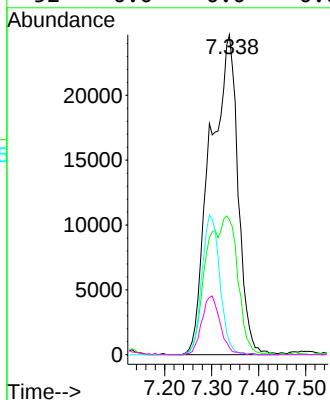
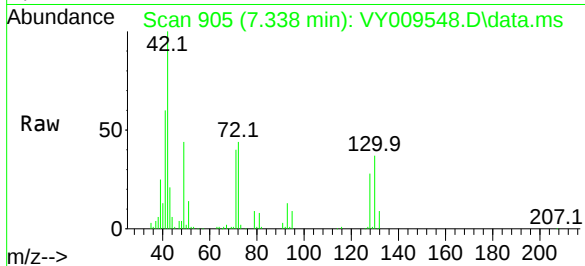




#41
Methacrylonitrile
Concen: 138.052 ug/l
RT: 7.338 min Scan# 900
Delta R.T. 0.031 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

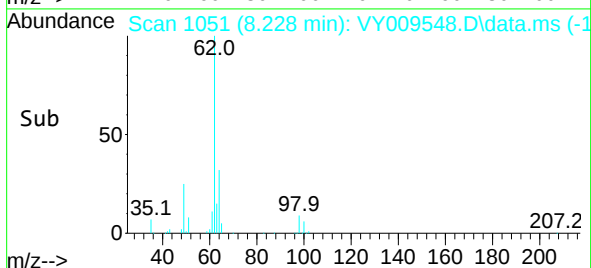
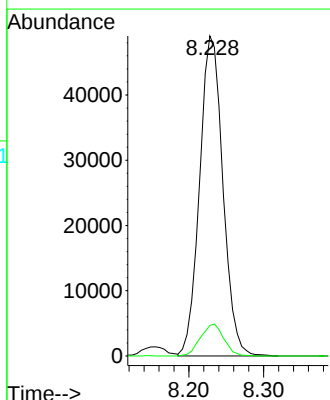
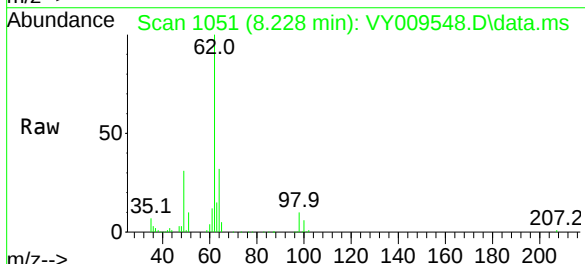
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

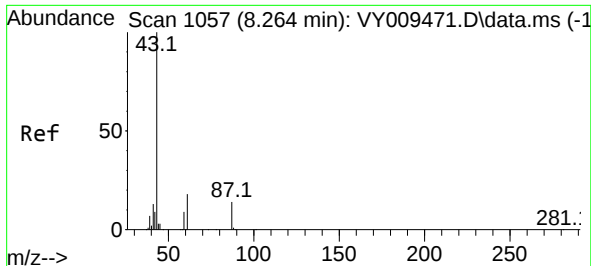
Tgt Ion: 41 Resp: 100886
Ion Ratio Lower Upper
41 100
39 49.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.639 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 62 Resp: 106168
Ion Ratio Lower Upper
62 100
98 10.0 0.0 14.8





#43

Isopropyl Acetate

Concen: 52.332 ug/l

RT: 8.265 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

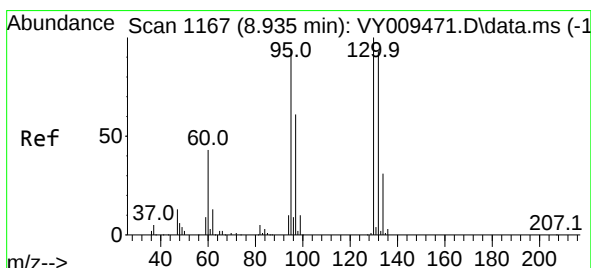
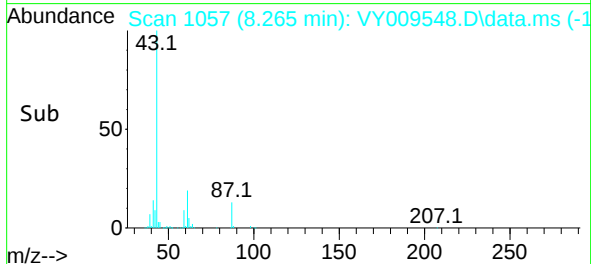
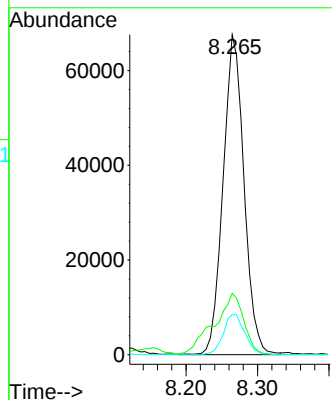
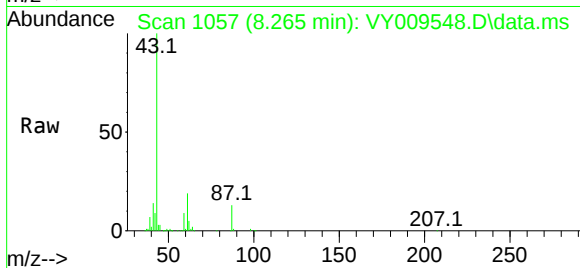
Tgt Ion: 43 Resp: 137418

Ion Ratio Lower Upper

43 100

61 27.4 20.2 30.2

87 13.0 8.9 13.3



#44

Trichloroethene

Concen: 51.402 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009548.D

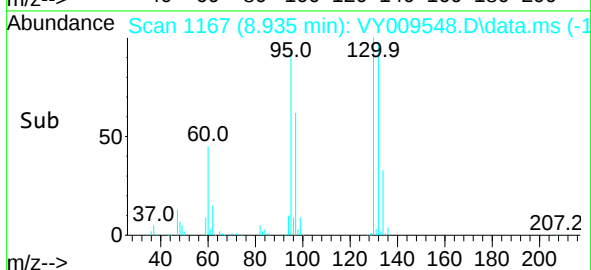
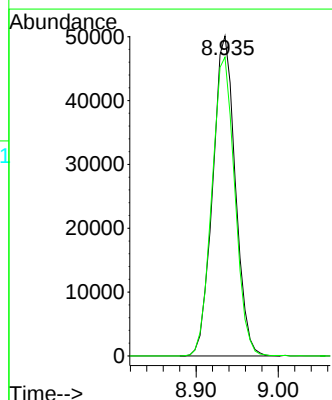
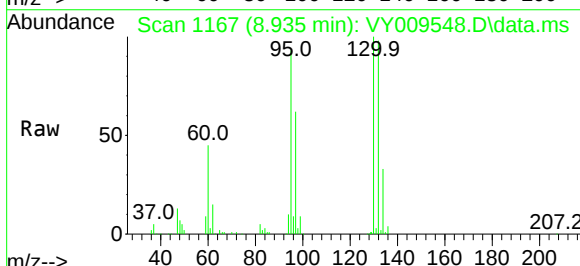
Acq: 13 Jul 2022 09:27

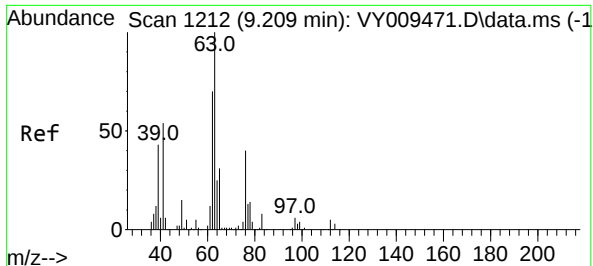
Tgt Ion:130 Resp: 95733

Ion Ratio Lower Upper

130 100

95 93.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.091 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

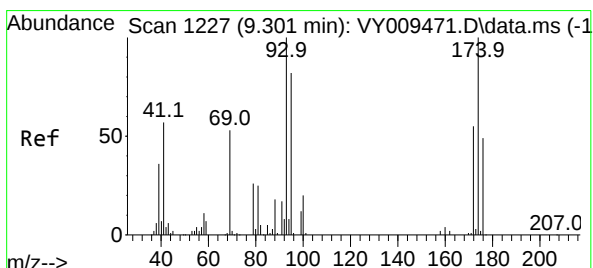
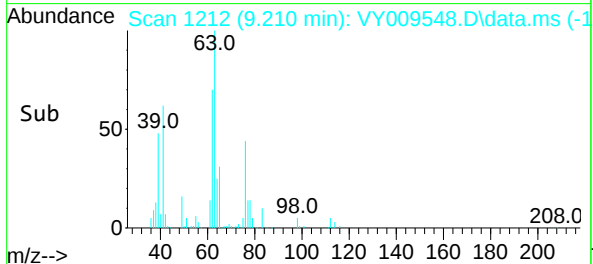
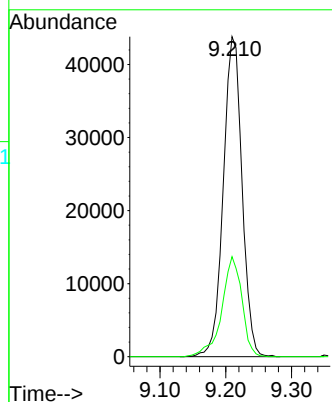
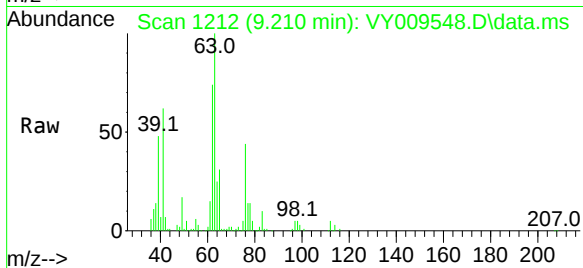
VSTDCCC050

Tgt Ion: 63 Resp: 86912

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 52.221 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

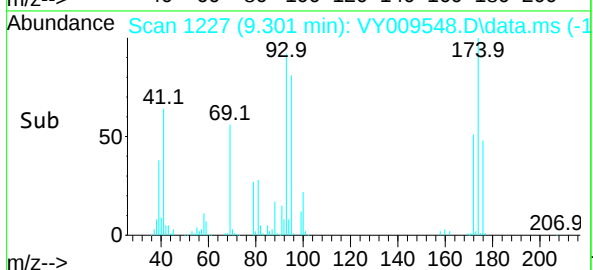
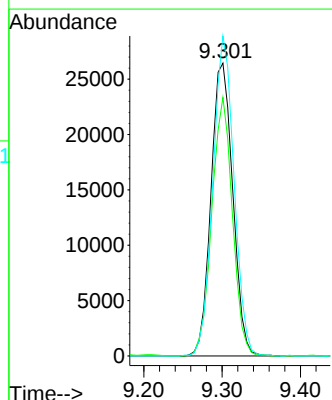
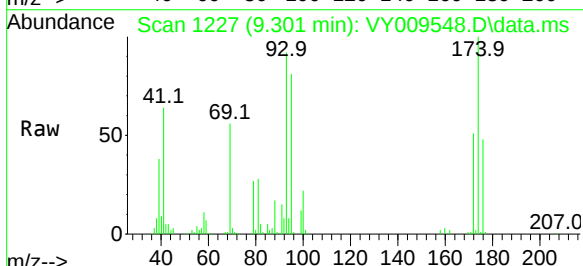
Tgt Ion: 93 Resp: 51138

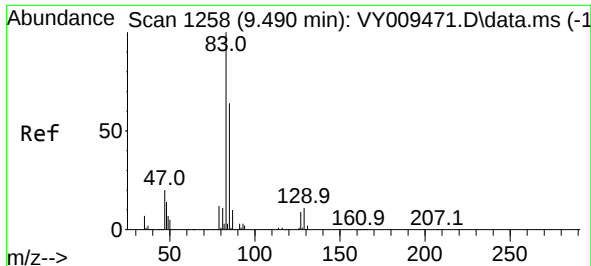
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 106.3 83.4 125.0





#47

Bromodichloromethane

Concen: 52.407 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

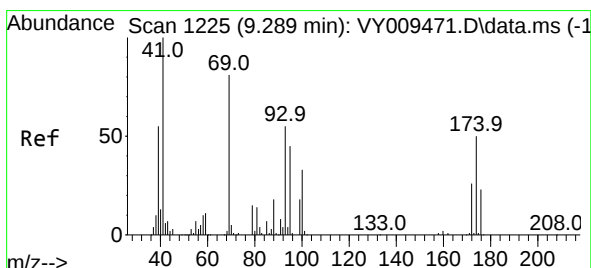
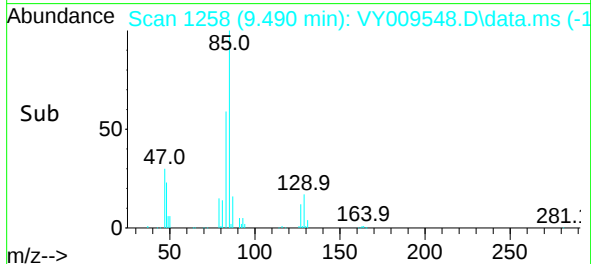
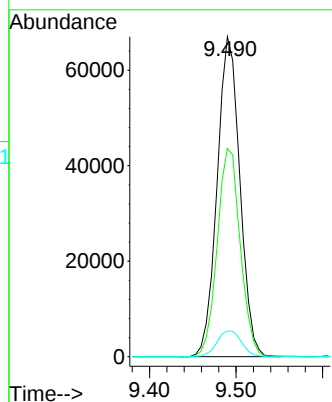
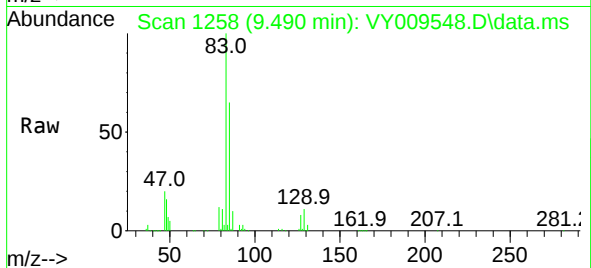
Tgt Ion: 83 Resp: 122150

Ion Ratio Lower Upper

83 100

85 65.1 51.9 77.9

127 8.0 6.6 10.0



#48

Methyl methacrylate

Concen: 54.876 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

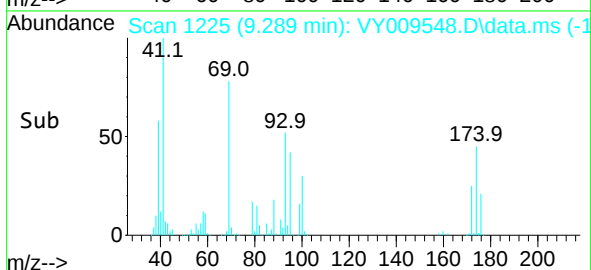
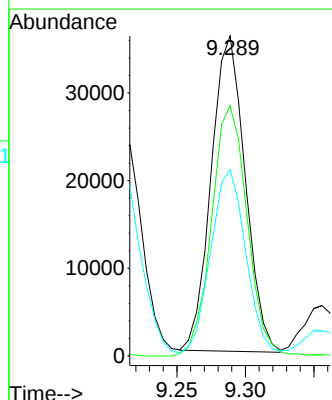
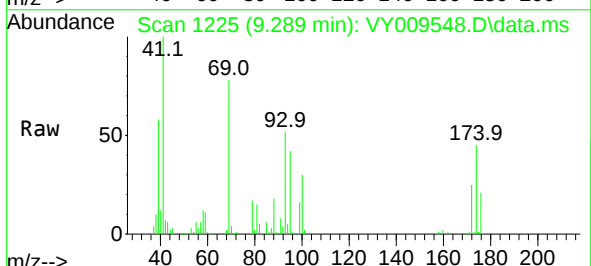
Tgt Ion: 41 Resp: 62085

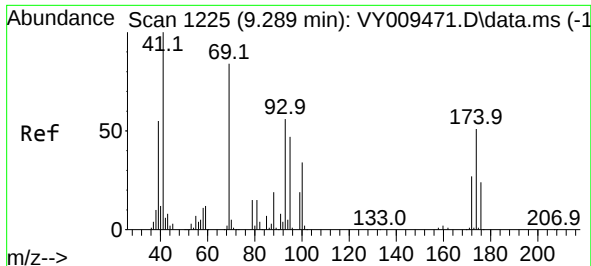
Ion Ratio Lower Upper

41 100

69 83.2 58.2 87.2

39 59.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1020.647 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

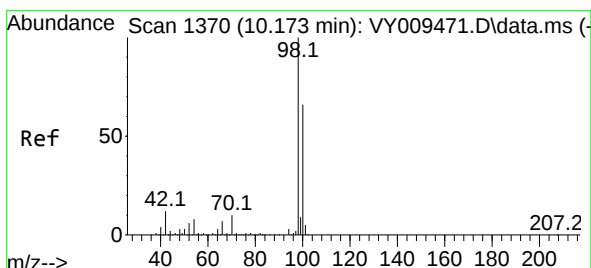
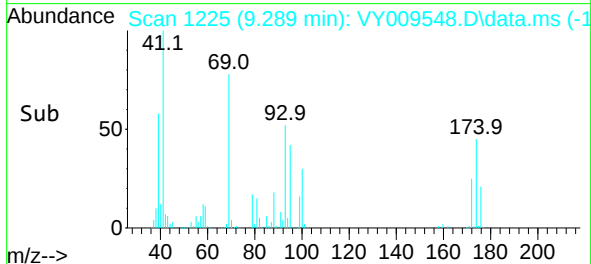
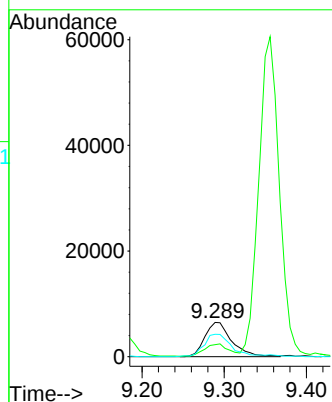
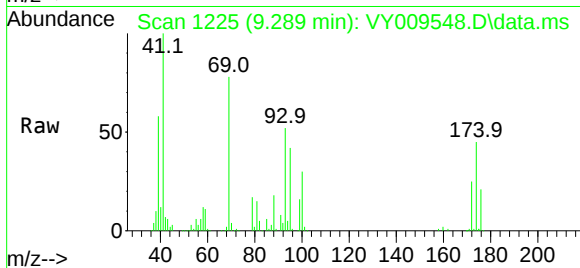
Tgt Ion: 88 Resp: 14719

Ion Ratio Lower Upper

88 100

43 33.3 32.8 49.2

58 70.0 59.8 89.6



#50

Toluene-d8

Concen: 50.424 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009548.D

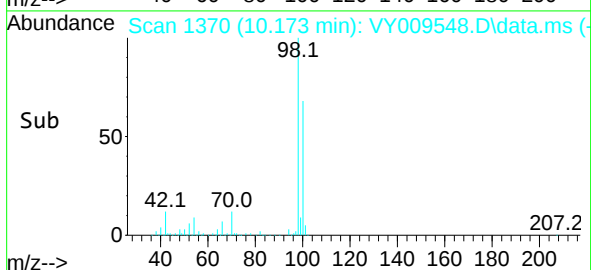
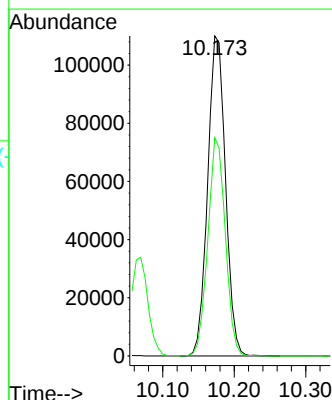
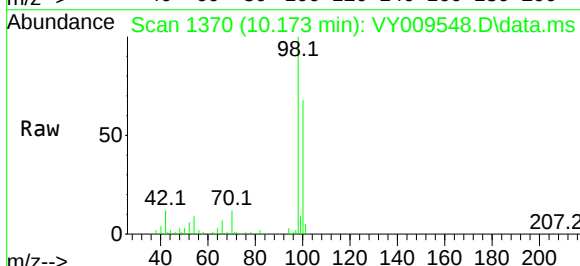
Acq: 13 Jul 2022 09:27

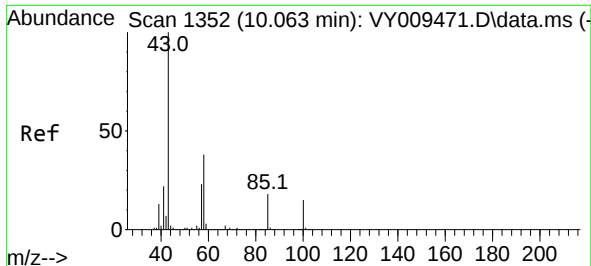
Tgt Ion: 98 Resp: 190397

Ion Ratio Lower Upper

98 100

100 66.8 50.2 75.2

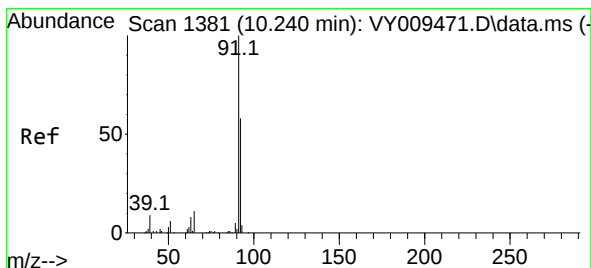
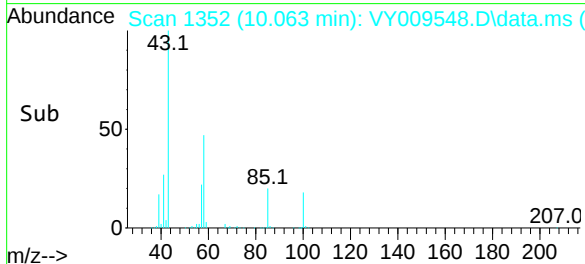
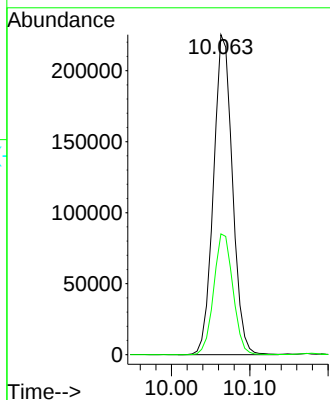
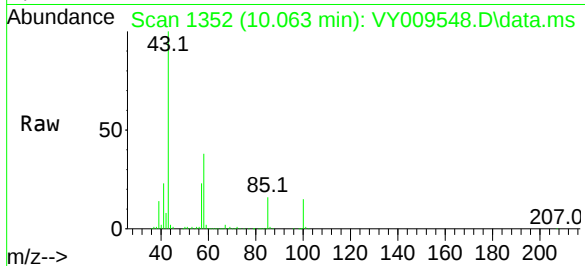




#51
4-Methyl-2-Pentanone
Concen: 274.358 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

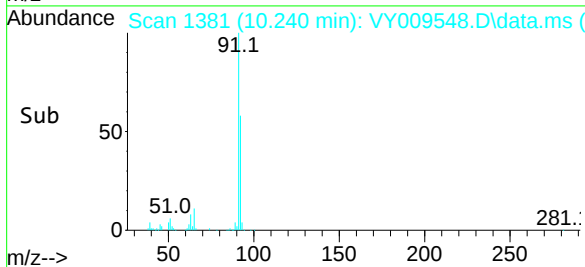
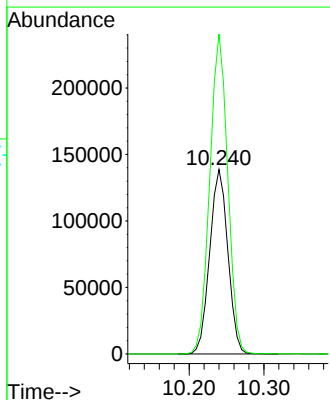
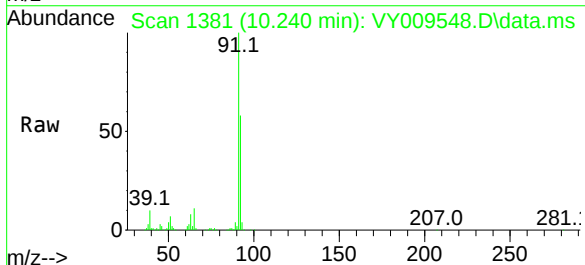
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

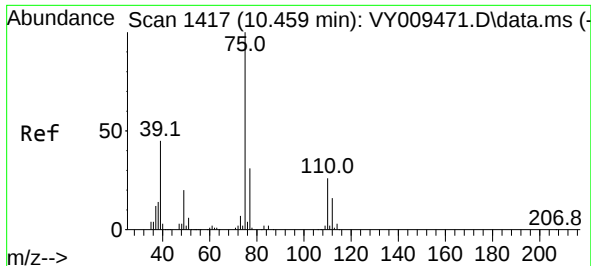
Tgt Ion: 43 Resp: 378871
Ion Ratio Lower Upper
43 100
58 38.3 28.1 42.1



#52
Toluene
Concen: 55.847 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 92 Resp: 234625
Ion Ratio Lower Upper
92 100
91 171.6 142.6 213.8

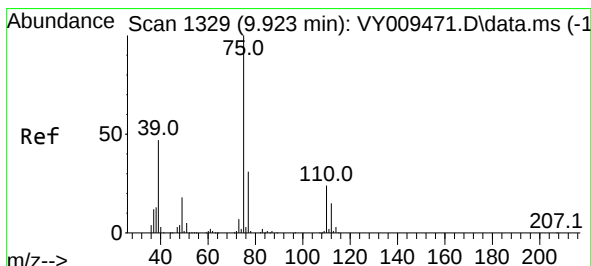
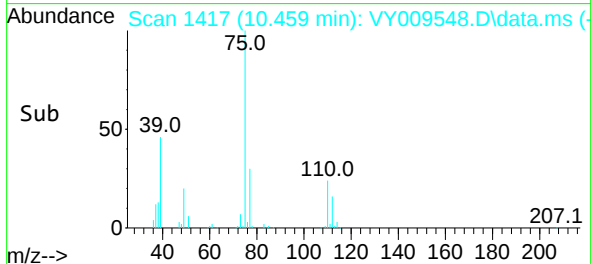
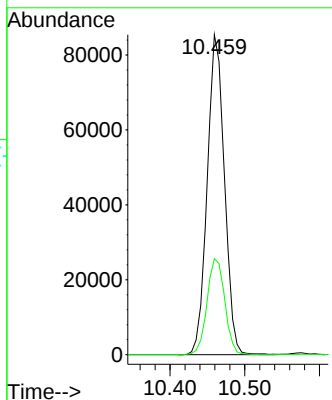
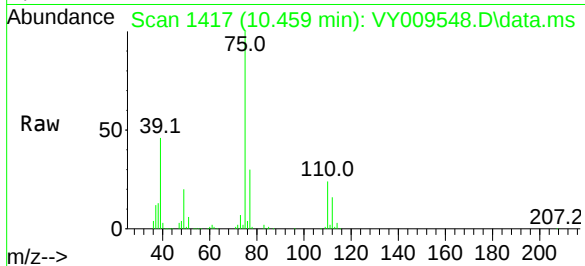




#53
 t-1,3-Dichloropropene
 Concen: 55.699 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009548.D
 Acq: 13 Jul 2022 09:27

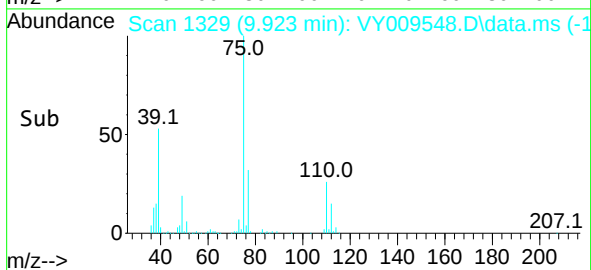
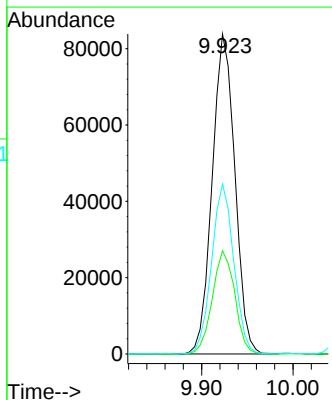
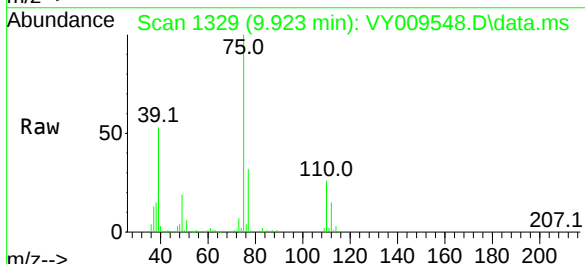
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

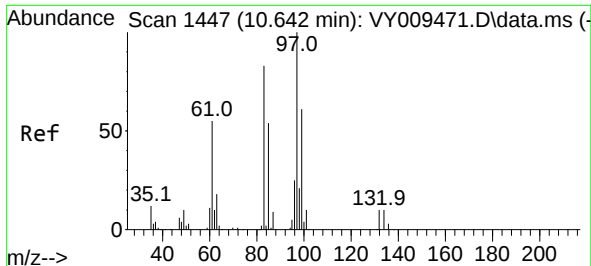
Tgt Ion: 75 Resp: 136810
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.777 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009548.D
 Acq: 13 Jul 2022 09:27

Tgt Ion: 75 Resp: 144549
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4
 39 53.1 47.6 71.4

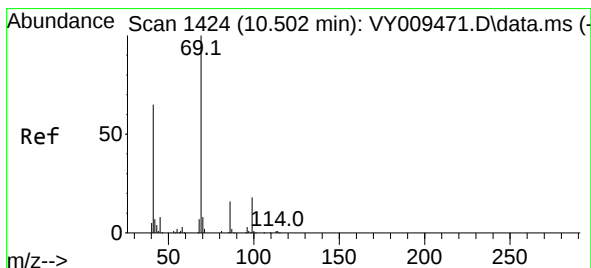
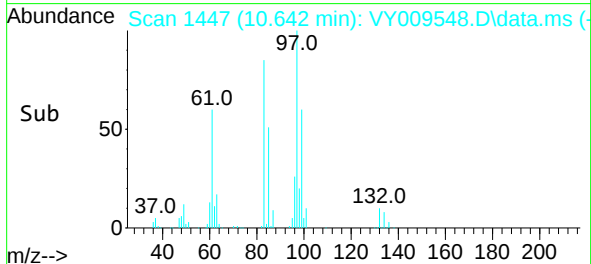
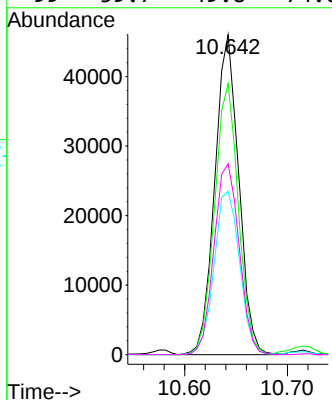
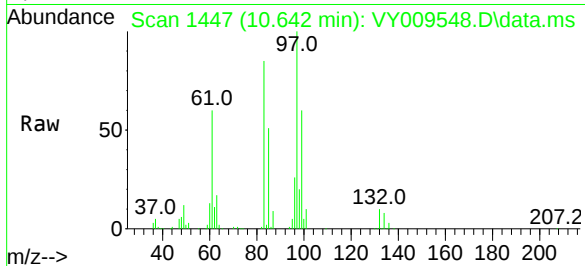




#55
1,1,2-Trichloroethane
Concen: 52.619 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

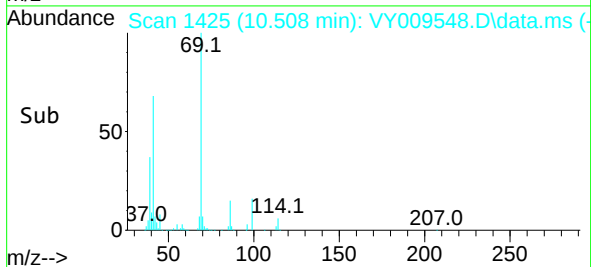
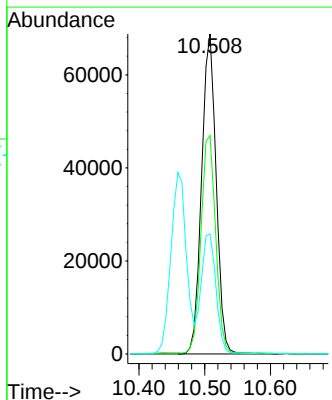
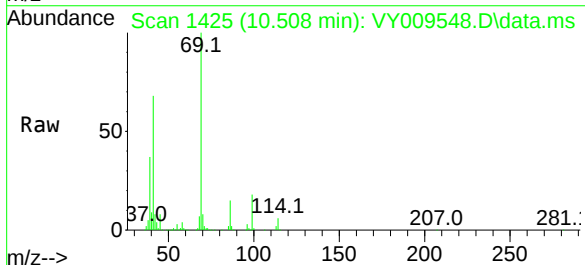
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

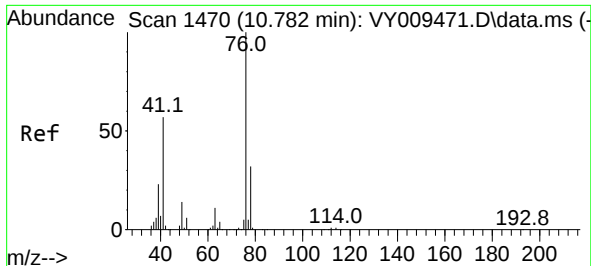
Tgt Ion:	97	Resp:	74336
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	51.1	44.3	66.5
99	59.7	49.8	74.6



#56
Ethyl methacrylate
Concen: 56.510 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion:	69	Resp:	105989
Ion	Ratio	Lower	Upper
69	100		
41	68.8	63.4	95.0
39	38.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 53.784 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

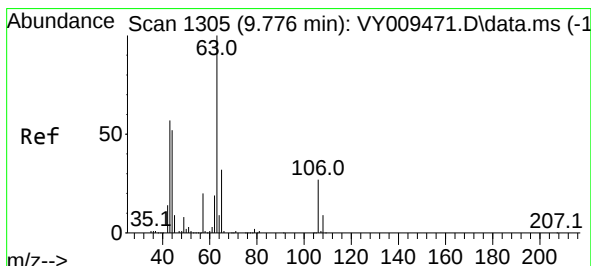
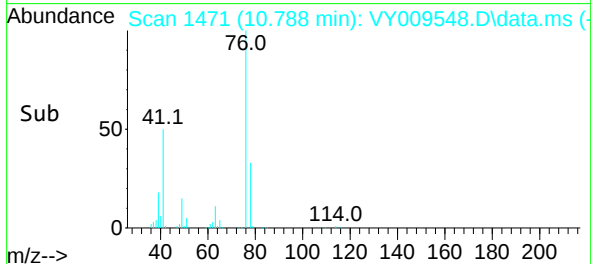
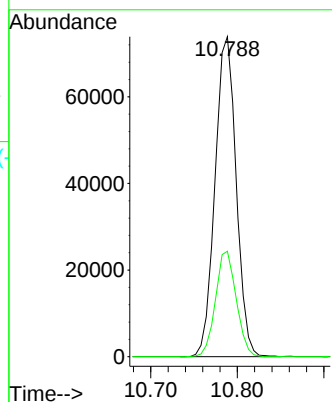
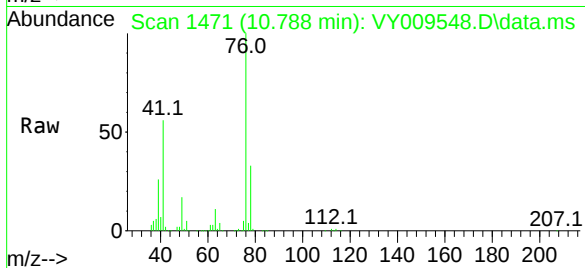
VSTDCCC050

Tgt Ion: 76 Resp: 125257

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.080 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009548.D

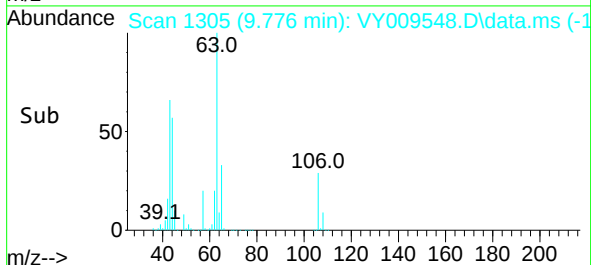
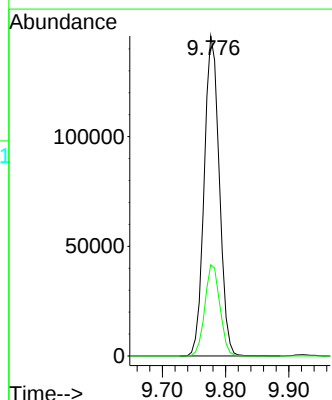
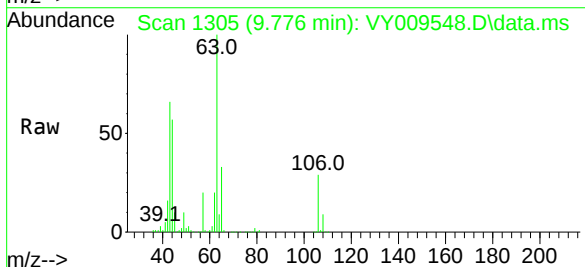
Acq: 13 Jul 2022 09:27

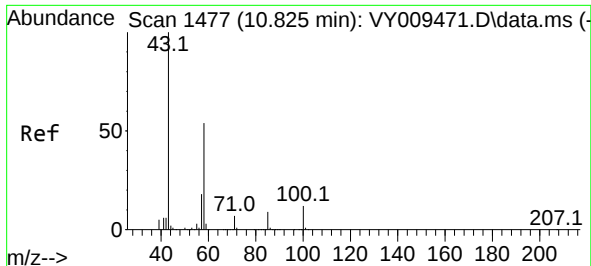
Tgt Ion: 63 Resp: 242876

Ion Ratio Lower Upper

63 100

106 28.4 21.5 32.3

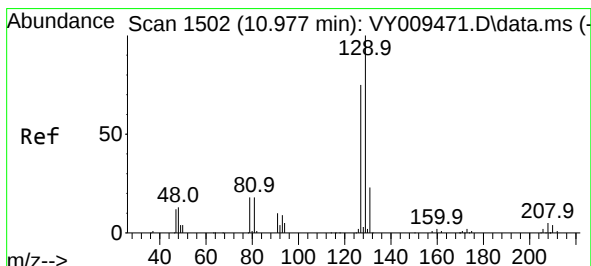
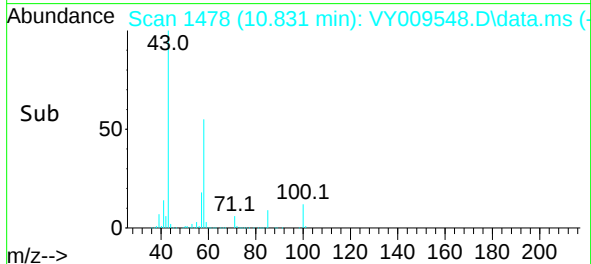
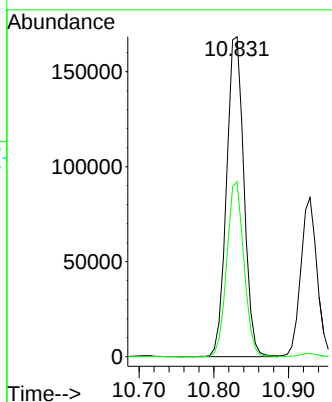
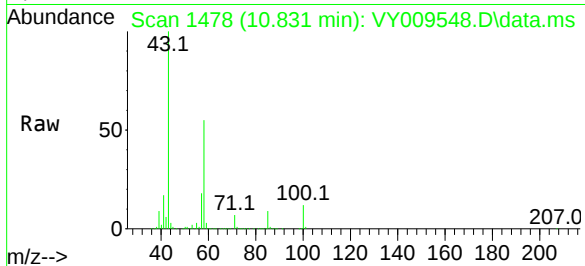




#59
2-Hexanone
Concen: 285.130 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

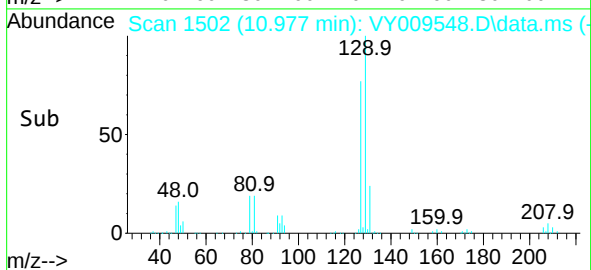
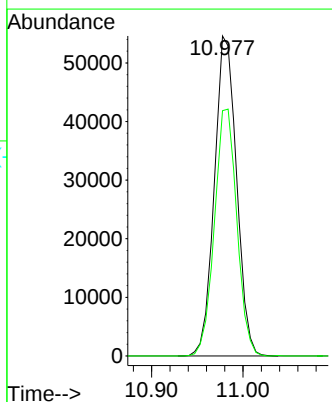
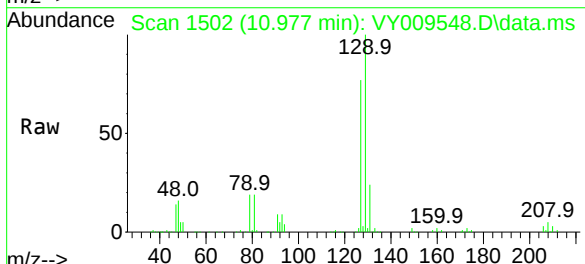
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

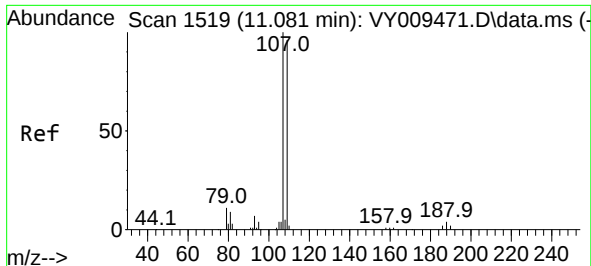
Tgt Ion: 43 Resp: 272840
Ion Ratio Lower Upper
43 100
58 54.0 24.4 73.4



#60
Dibromochloromethane
Concen: 53.823 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 129 Resp: 92078
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

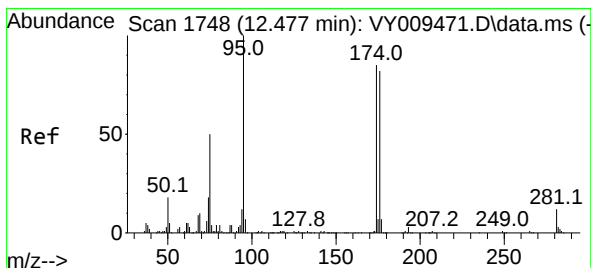
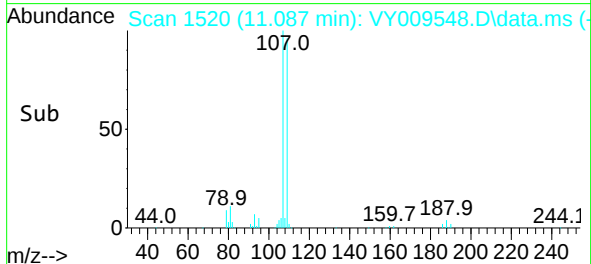
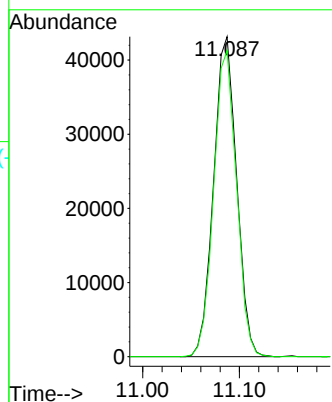
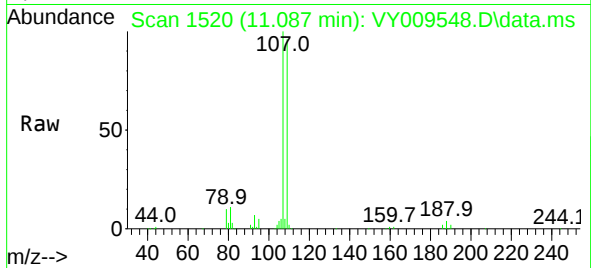




#61
1,2-Dibromoethane
Concen: 52.755 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

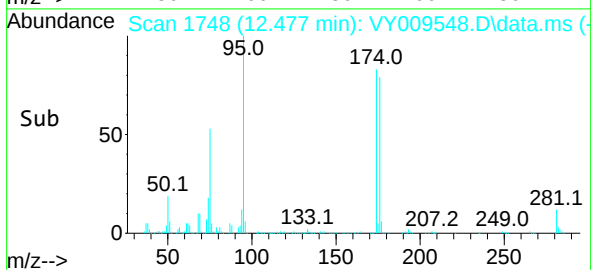
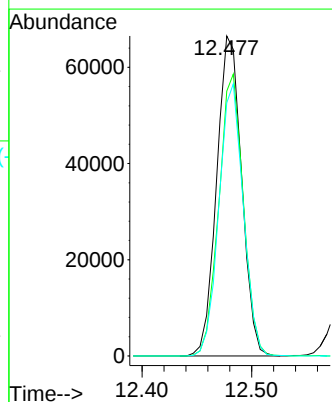
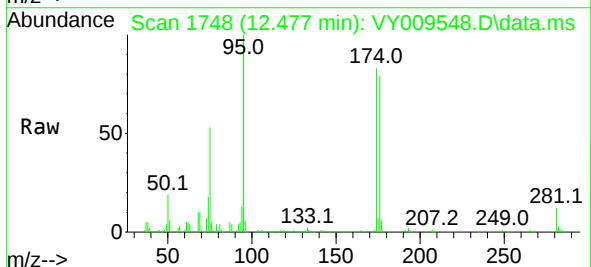
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

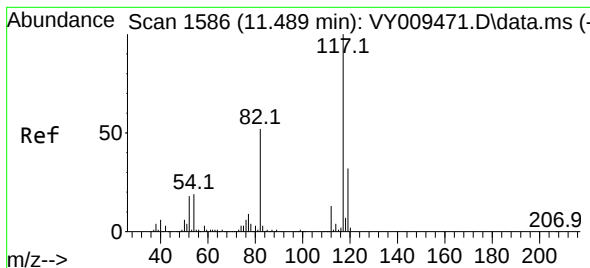
Tgt Ion:107 Resp: 71448
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.951 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 95 Resp: 105024
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 83.0 0.0 175.8

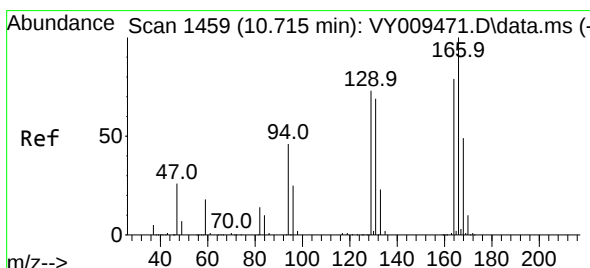
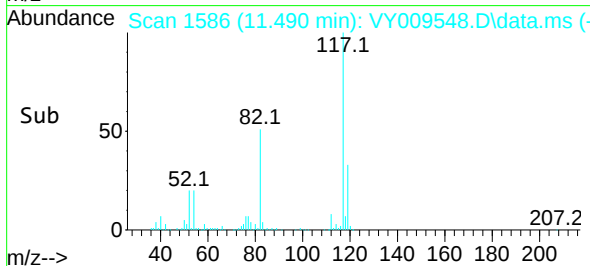
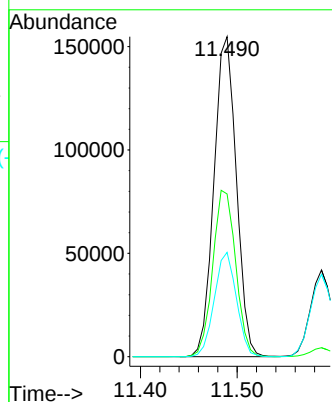
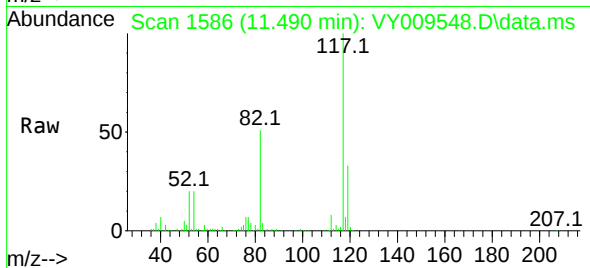




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

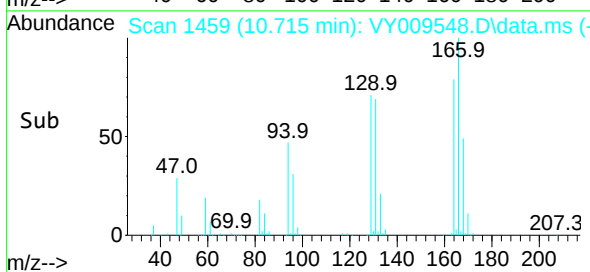
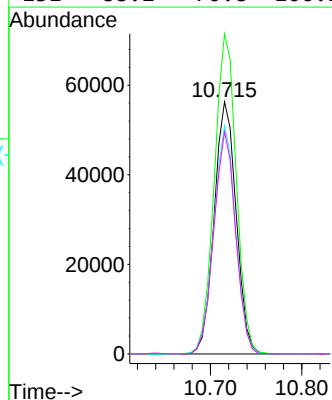
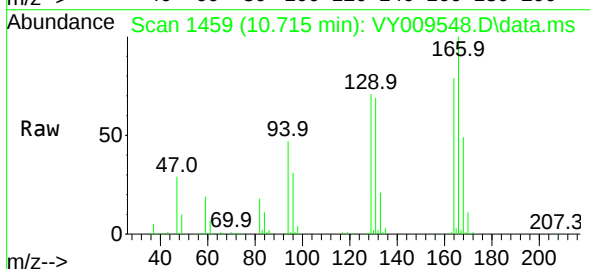
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

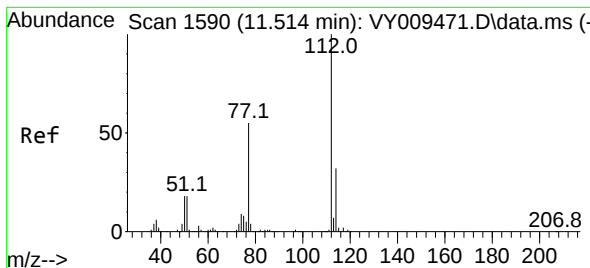
Tgt Ion:117 Resp: 248950
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 45.183 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion:164 Resp: 94045
Ion Ratio Lower Upper
164 100
166 126.9 100.4 150.6
129 90.5 71.4 107.0
131 88.2 70.8 106.2

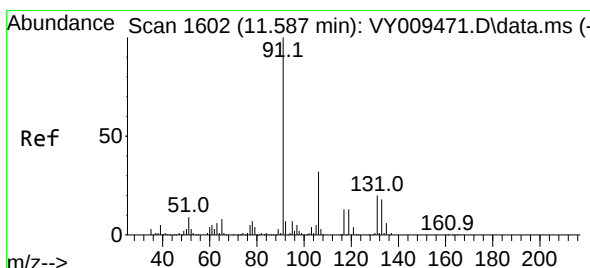
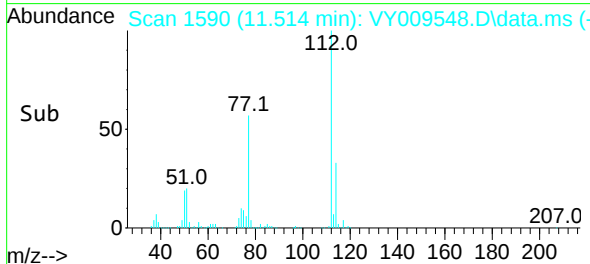
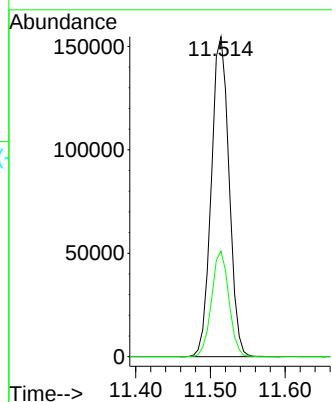
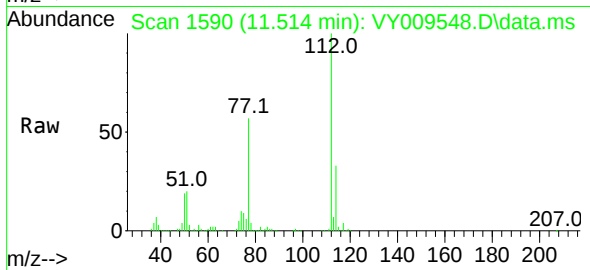




#65
Chlorobenzene
Concen: 52.122 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

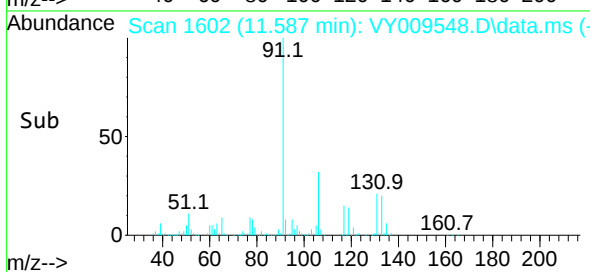
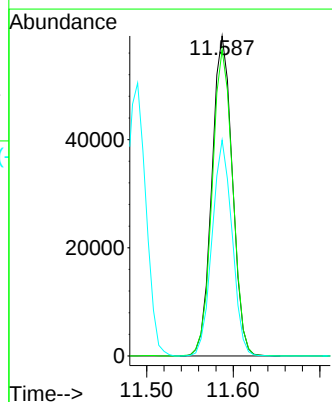
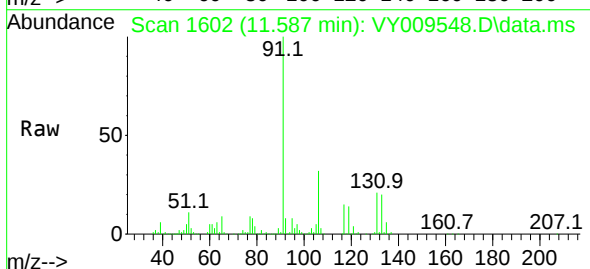
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

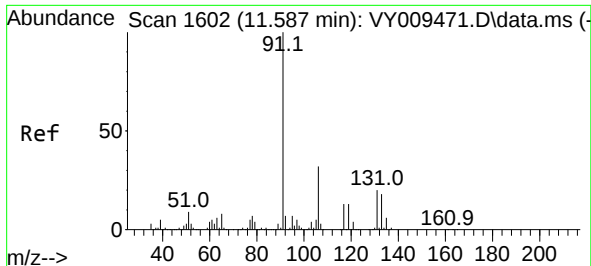
Tgt Ion:112 Resp: 254845
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.816 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion:131 Resp: 97139
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 65.8 30.8 92.3





#67

Ethyl Benzene

Concen: 53.612 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

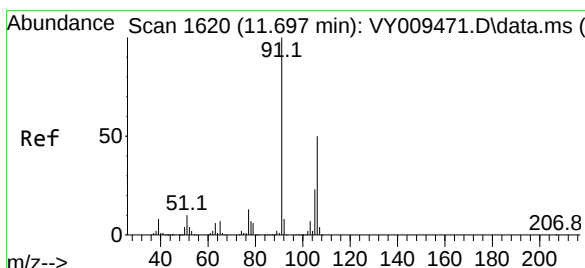
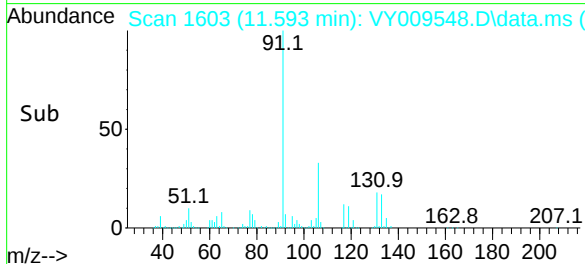
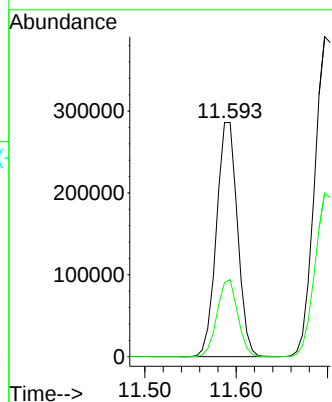
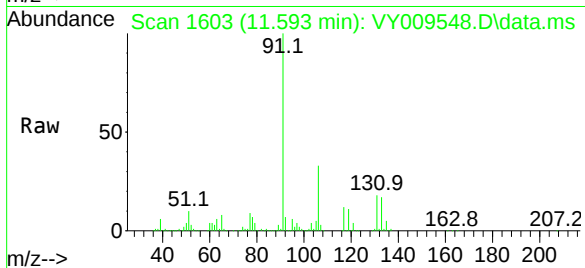
VSTDCCC050

Tgt Ion: 91 Resp: 457617

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 111.582 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009548.D

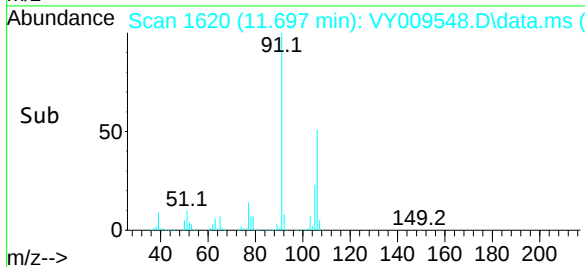
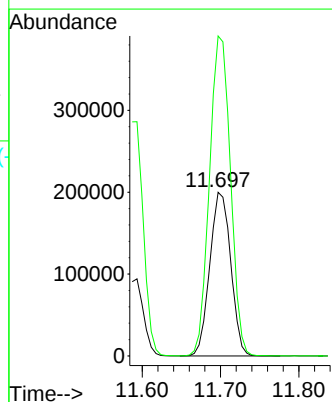
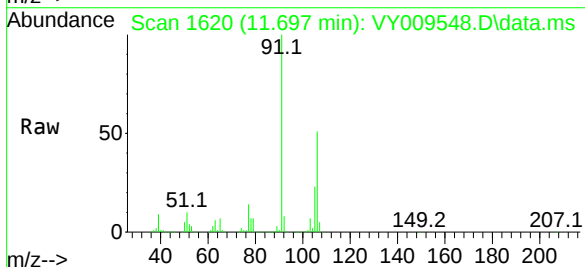
Acq: 13 Jul 2022 09:27

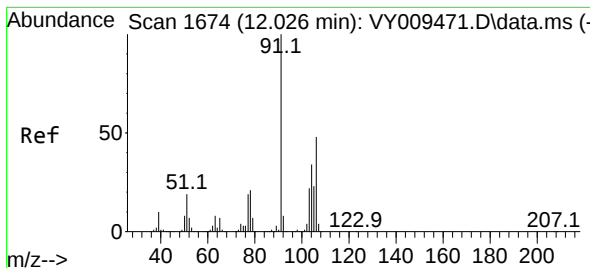
Tgt Ion:106 Resp: 371458

Ion Ratio Lower Upper

106 100

91 195.8 166.6 249.8

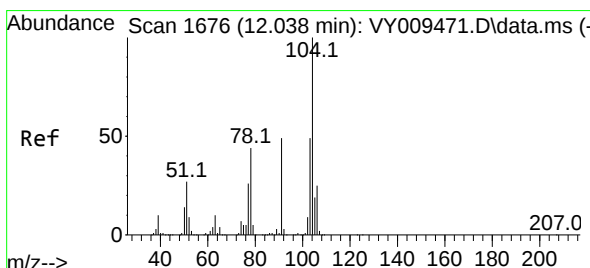
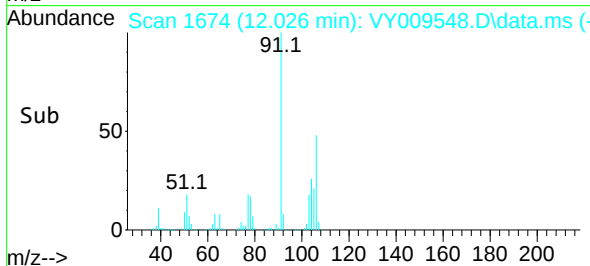
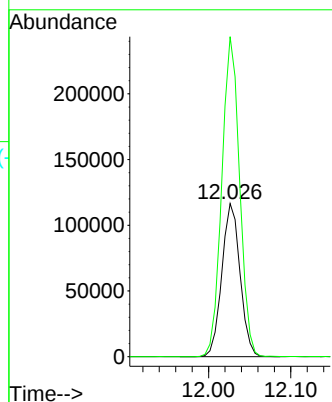
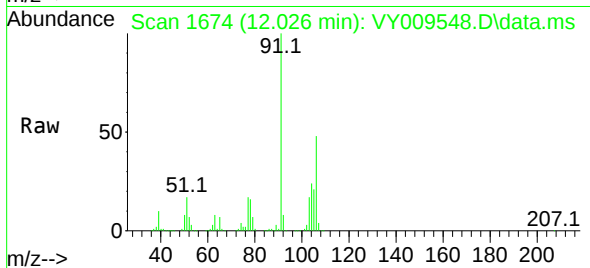




#69
o-Xylene
Concen: 56.173 ug/l
RT: 12.026 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

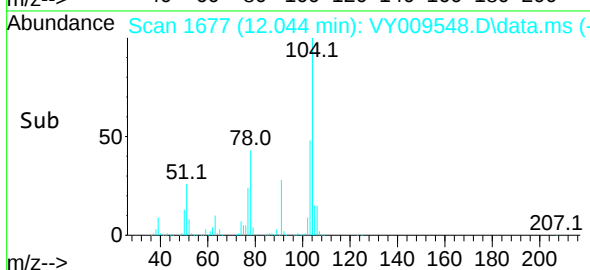
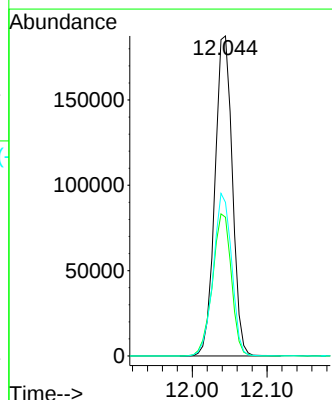
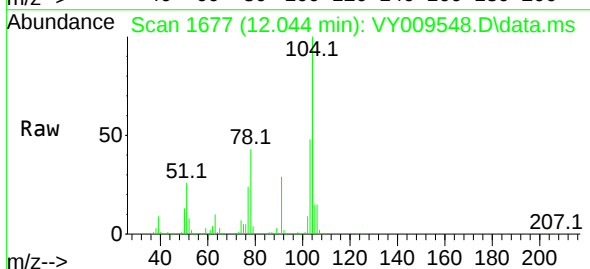
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

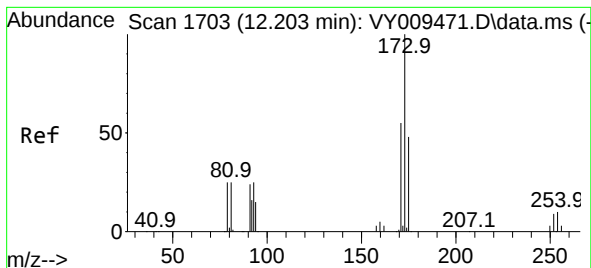
Tgt Ion:106 Resp: 179242
Ion Ratio Lower Upper
106 100
91 204.6 110.3 331.0



#70
Styrene
Concen: 57.006 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion:104 Resp: 303826
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 53.5 44.4 66.6





#71

Bromoform

Concen: 53.844 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

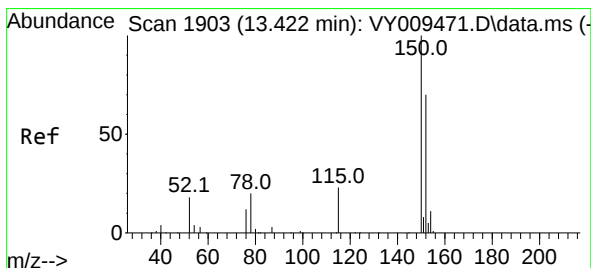
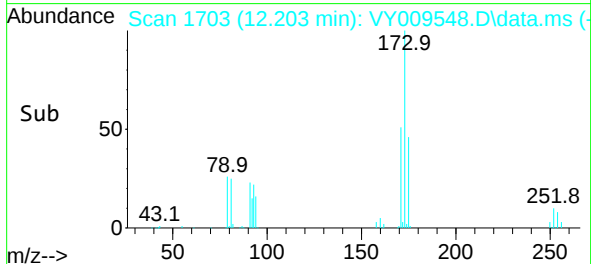
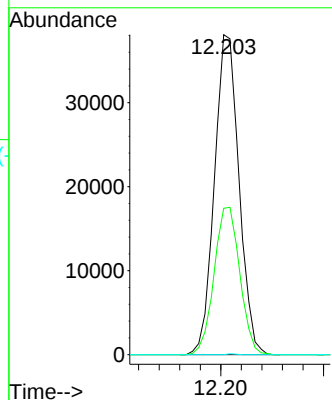
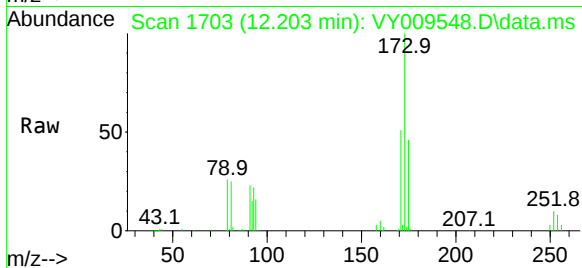
Tgt Ion:173 Resp: 63118

Ion Ratio Lower Upper

173 100

175 48.2 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: VY009548.D

Acq: 13 Jul 2022 09:27

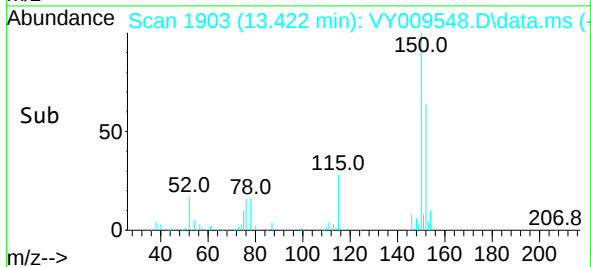
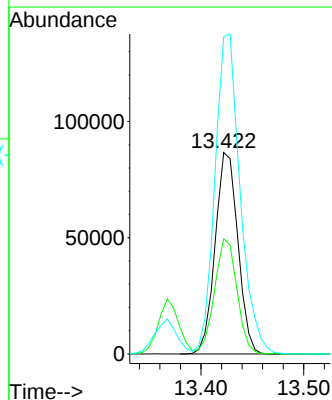
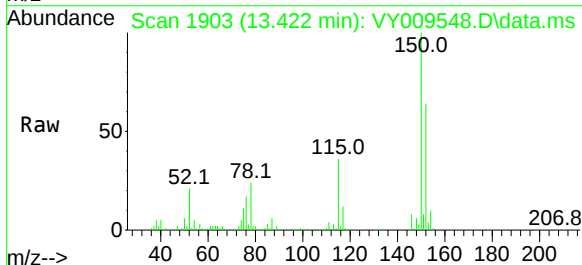
Tgt Ion:152 Resp: 132887

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 175.9 0.0 347.6

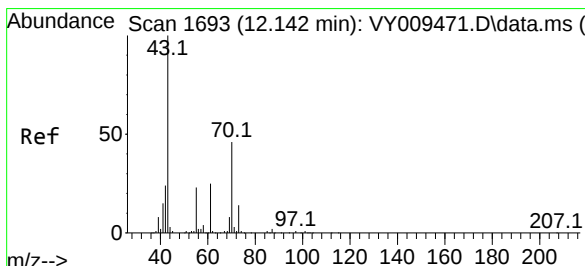
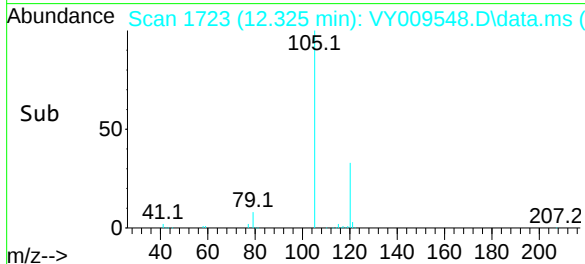
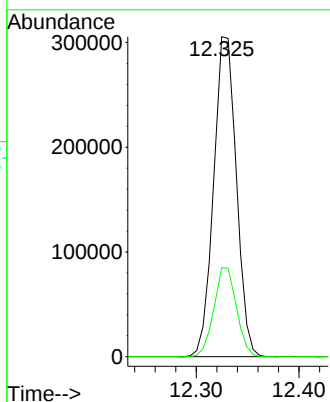
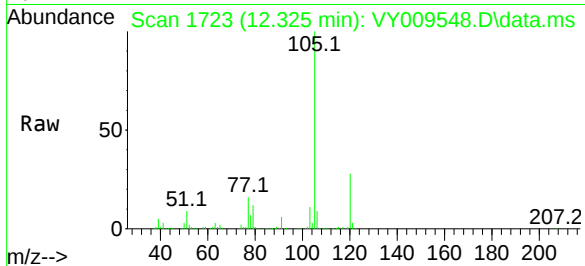




#73
Isopropylbenzene
Concen: 51.591 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

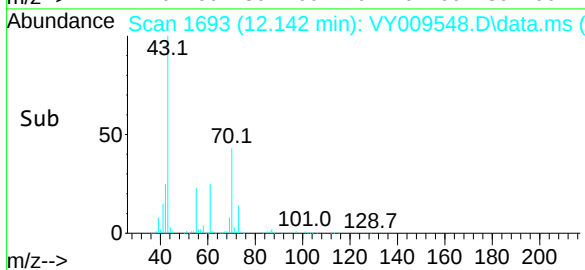
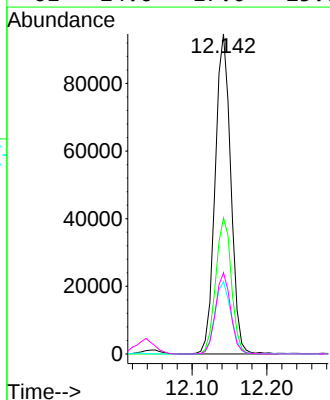
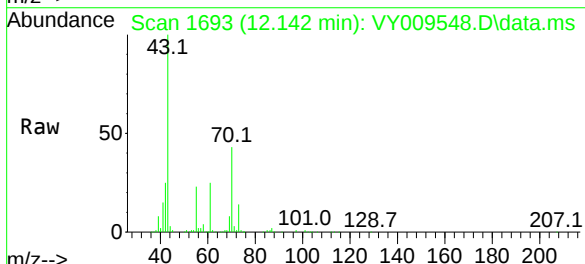
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

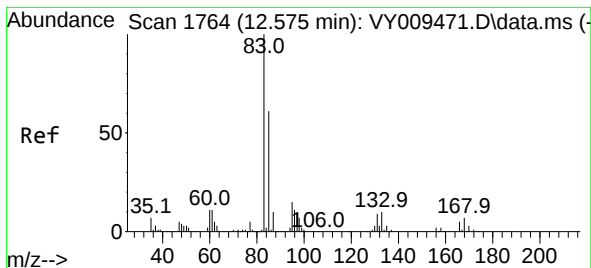
Tgt Ion:105 Resp: 468864
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 53.328 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 43 Resp: 137893
Ion Ratio Lower Upper
43 100
70 42.4 28.7 43.1
55 23.2 17.3 25.9
61 24.6 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.742 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

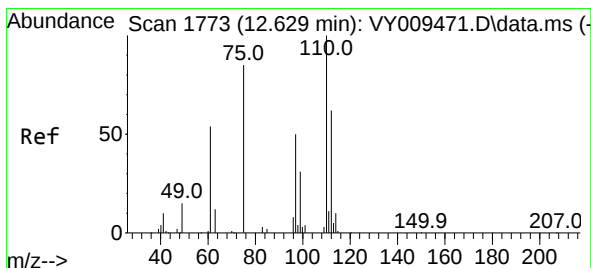
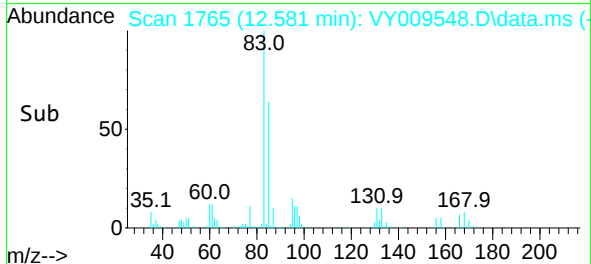
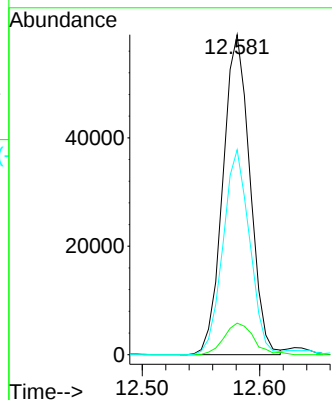
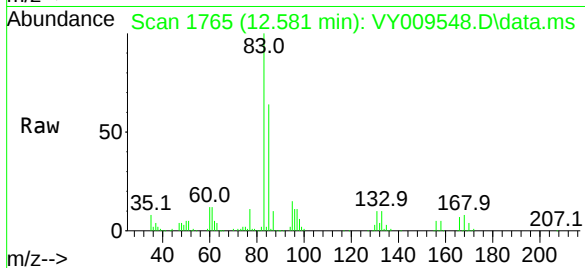
Tgt Ion: 83 Resp: 94154

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

85 63.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 88.299 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY009548.D

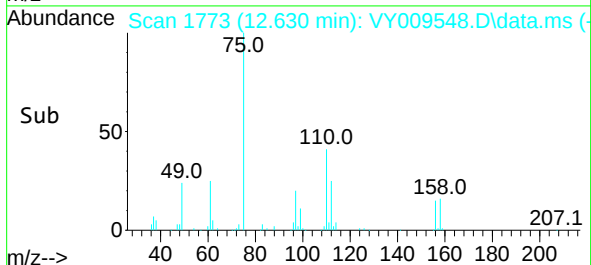
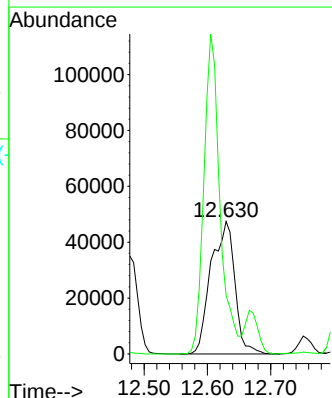
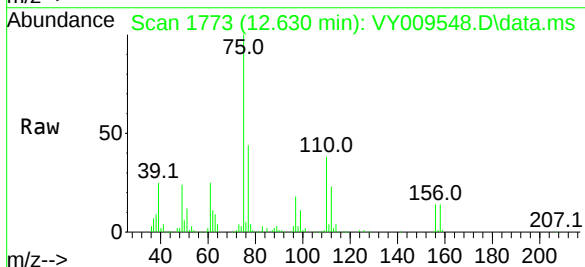
Acq: 13 Jul 2022 09:27

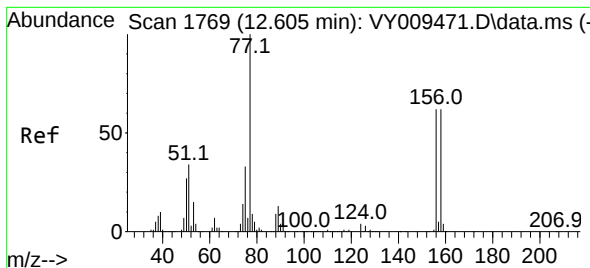
Tgt Ion: 75 Resp: 124211

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.368 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

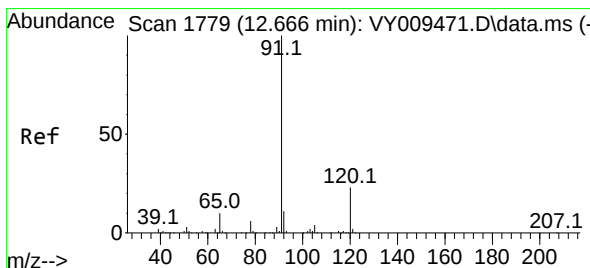
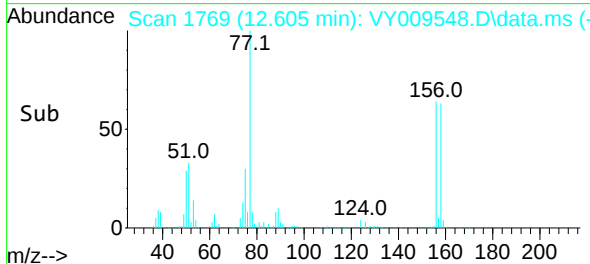
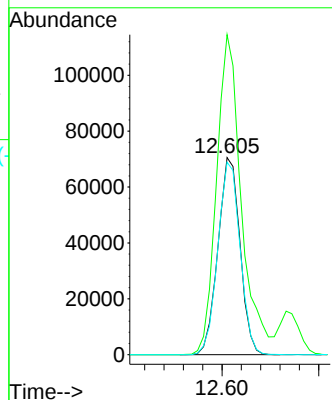
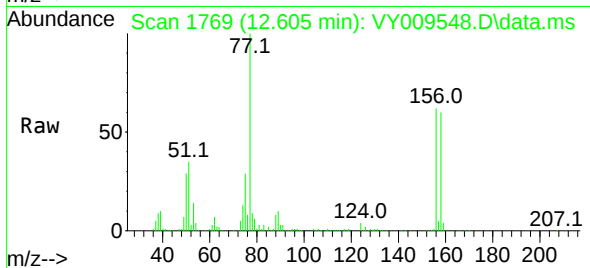
Tgt Ion:156 Resp: 111438

Ion Ratio Lower Upper

156 100

77 181.2 95.5 286.4

158 98.8 48.0 144.0



#78

n-propylbenzene

Concen: 52.193 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009548.D

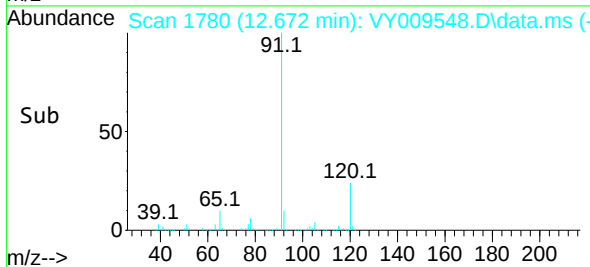
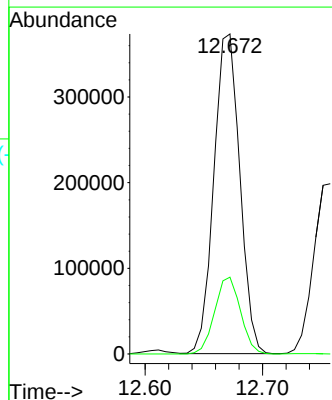
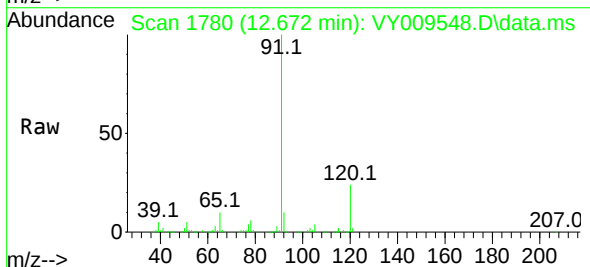
Acq: 13 Jul 2022 09:27

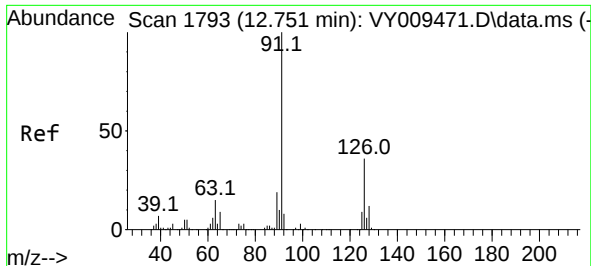
Tgt Ion: 91 Resp: 573060

Ion Ratio Lower Upper

91 100

120 23.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.944 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.007 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

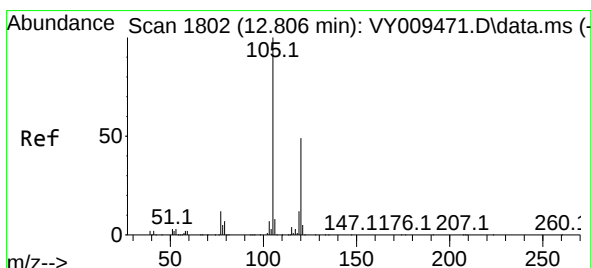
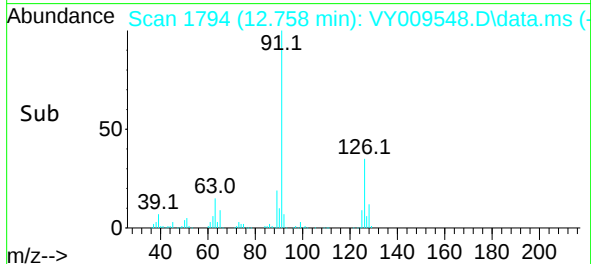
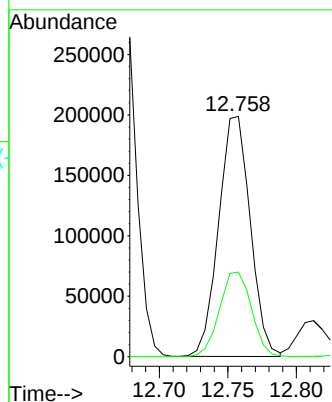
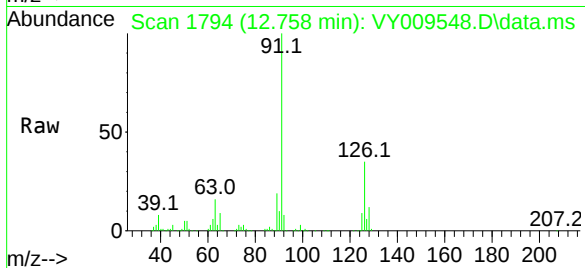
VSTDCCC050

Tgt Ion: 91 Resp: 319301

Ion Ratio Lower Upper

91 100

126 35.7 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 52.336 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.007 min

Lab File: VY009548.D

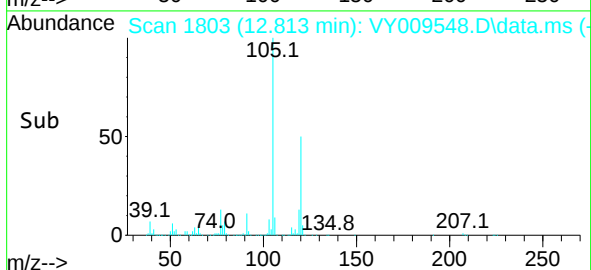
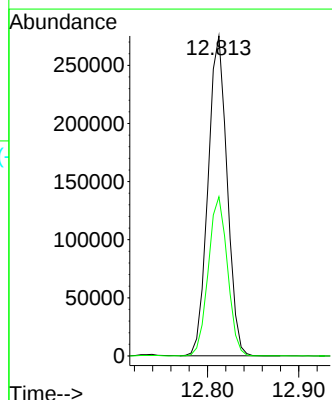
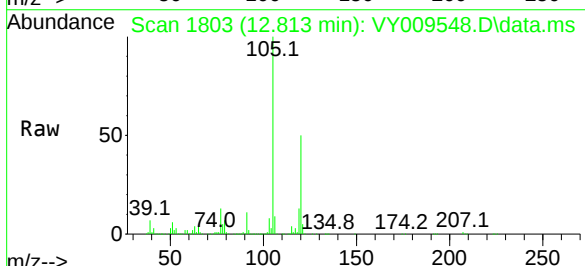
Acq: 13 Jul 2022 09:27

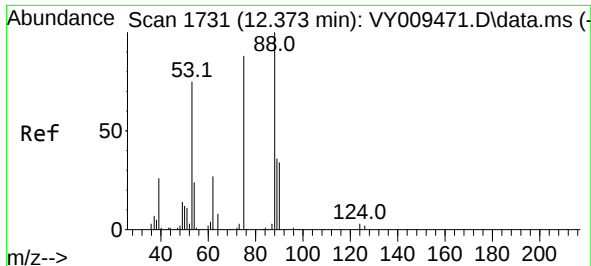
Tgt Ion: 105 Resp: 397568

Ion Ratio Lower Upper

105 100

120 50.1 24.4 73.4

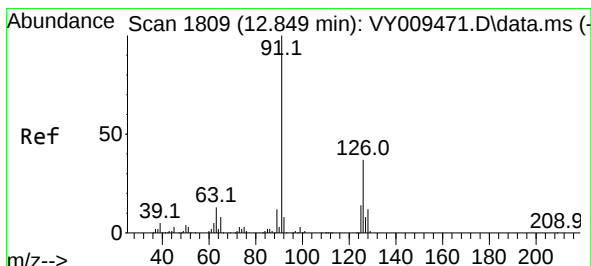
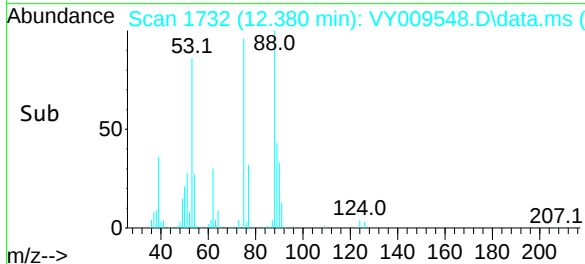
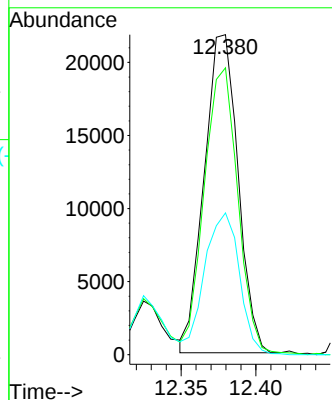
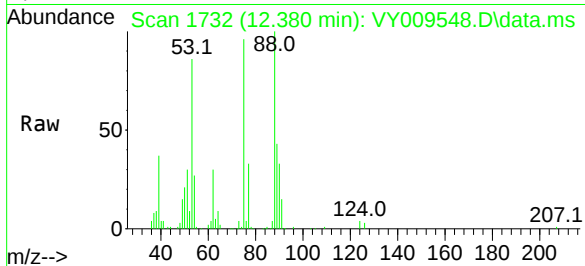




#81
trans-1,4-Dichloro-2-butene
Concen: 49.813 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

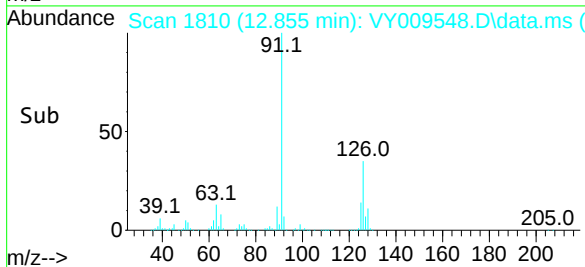
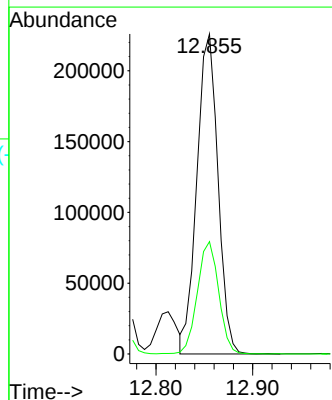
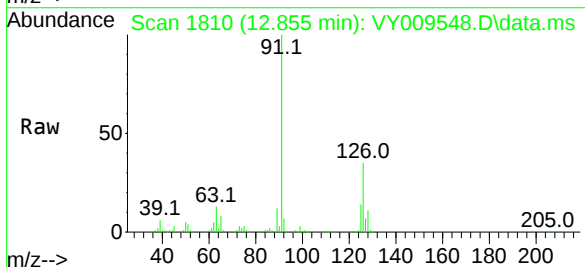
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

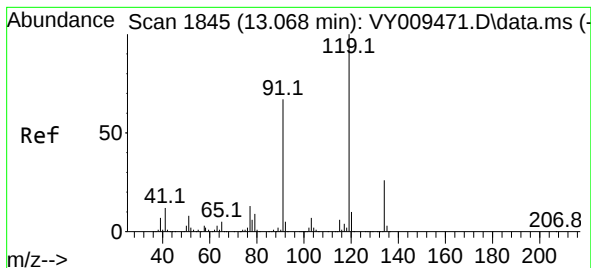
Tgt Ion: 75 Resp: 34238
Ion Ratio Lower Upper
75 100
53 90.2 85.3 127.9
89 46.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.082 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 91 Resp: 341952
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.722 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.007 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

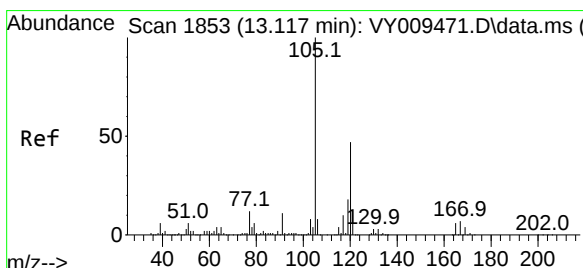
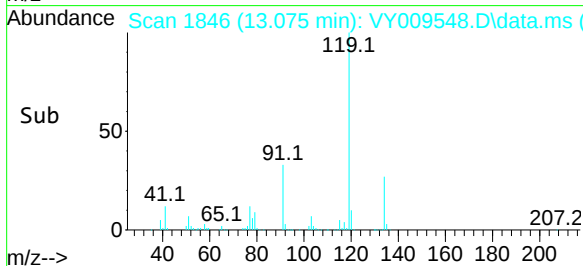
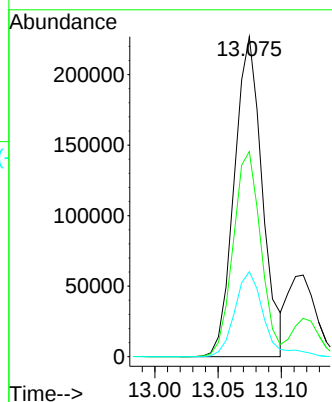
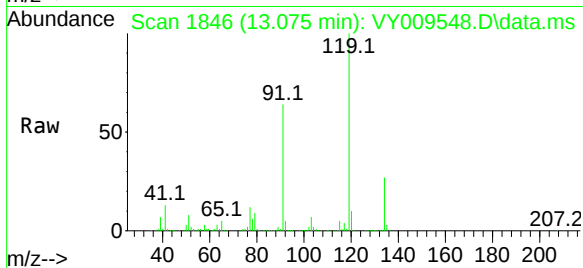
Tgt Ion:119 Resp: 349551

Ion Ratio Lower Upper

119 100

91 63.3 34.8 104.4

134 27.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.404 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009548.D

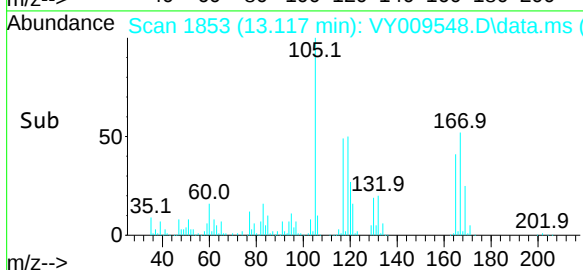
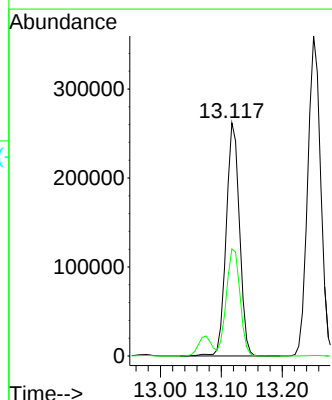
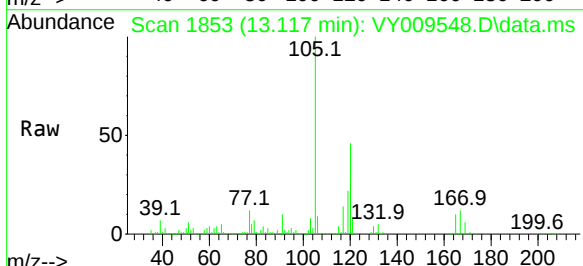
Acq: 13 Jul 2022 09:27

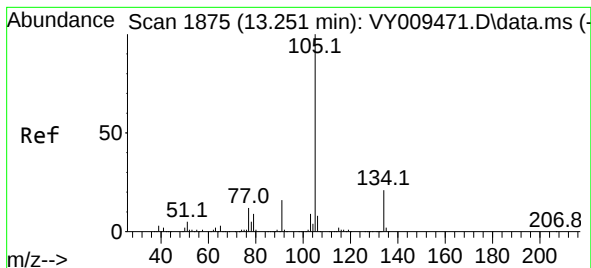
Tgt Ion:105 Resp: 396235

Ion Ratio Lower Upper

105 100

120 47.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.240 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

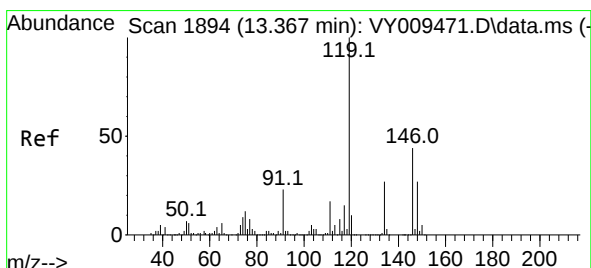
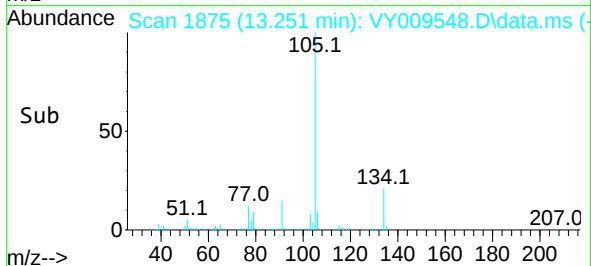
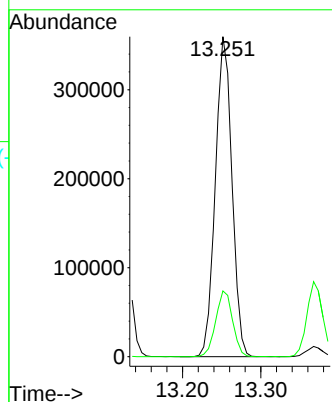
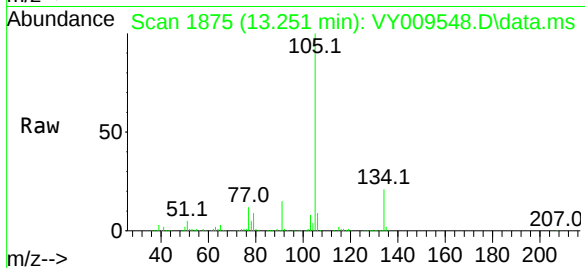
VSTDCCC050

Tgt Ion:105 Resp: 529917

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.251 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

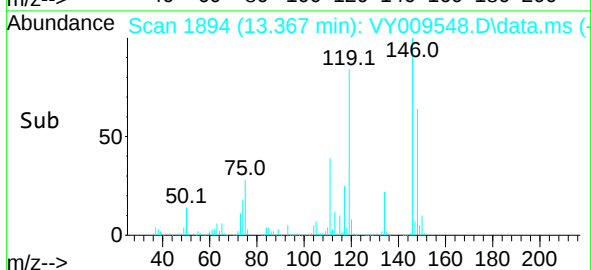
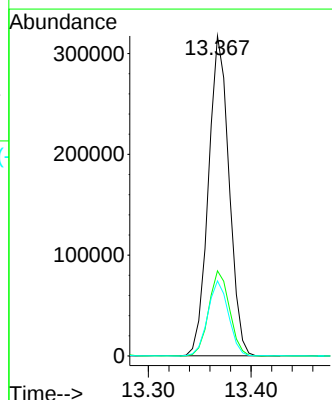
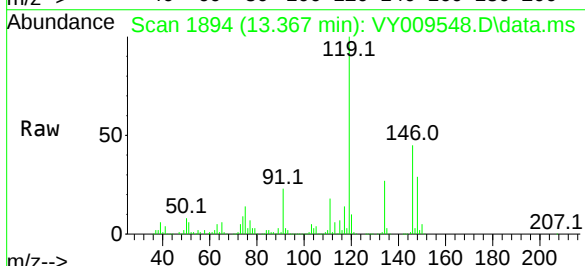
Tgt Ion:119 Resp: 441805

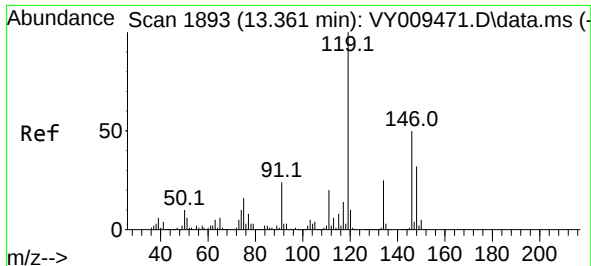
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.650 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

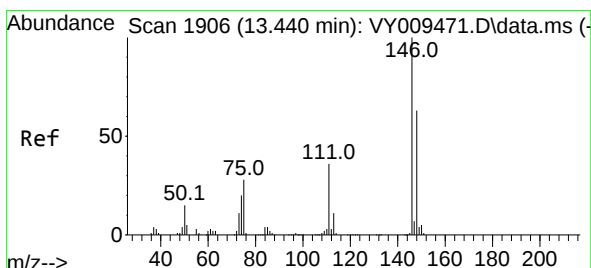
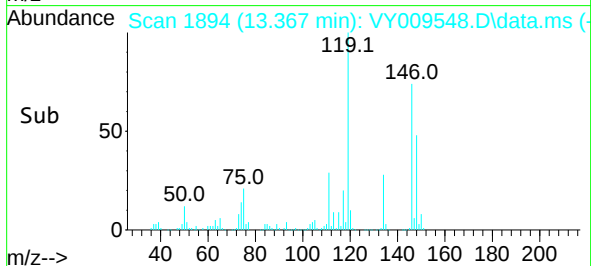
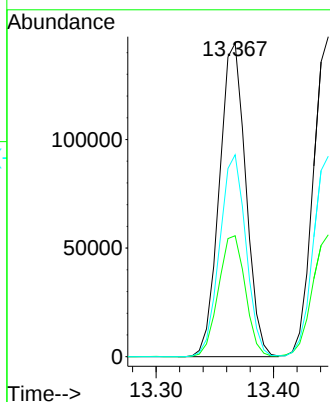
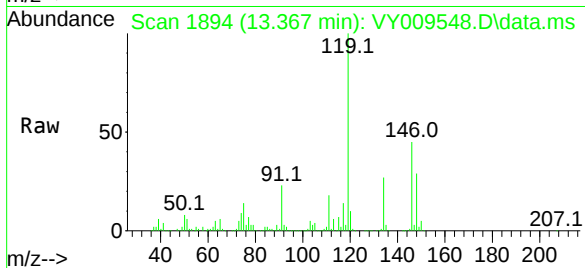
Tgt Ion:146 Resp: 225572

Ion Ratio Lower Upper

146 100

111 39.2 19.5 58.5

148 64.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 51.440 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

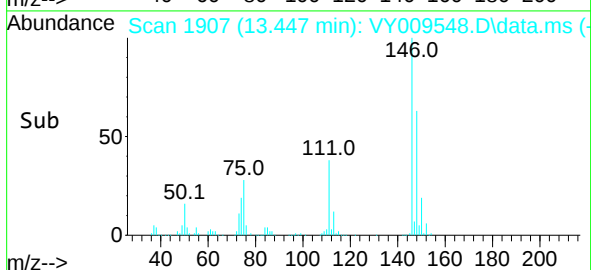
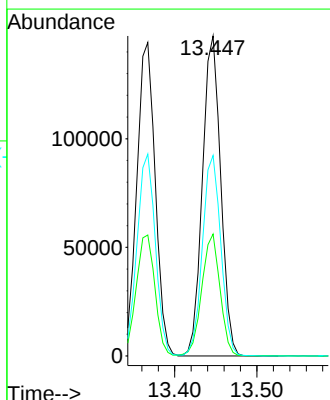
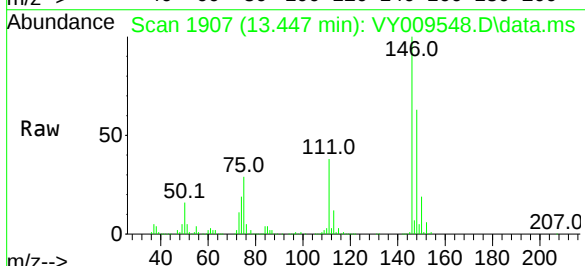
Tgt Ion:146 Resp: 227372

Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.8

148 63.2 32.6 97.8

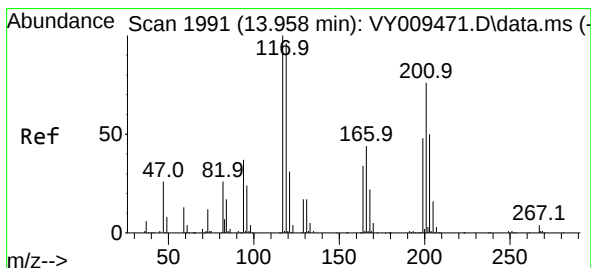
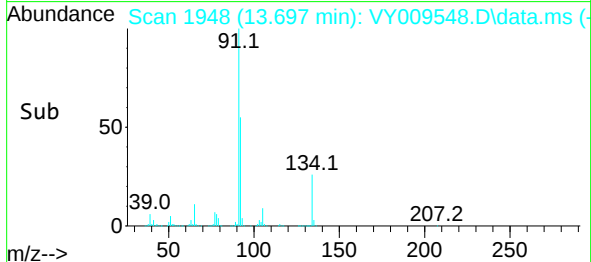
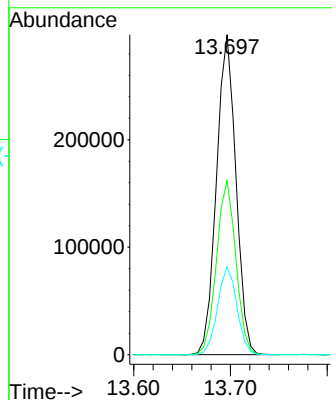
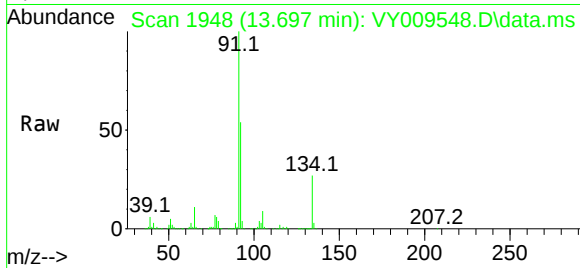




#89
n-Butylbenzene
Concen: 53.655 ug/l
RT: 13.697 min Scan# 1947
Delta R.T. 0.007 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

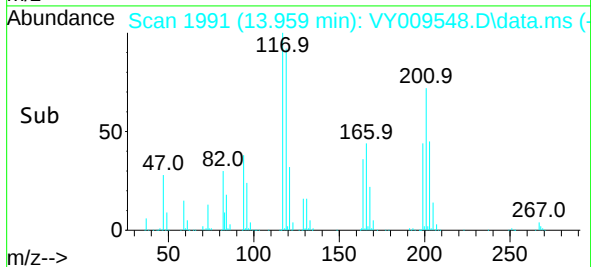
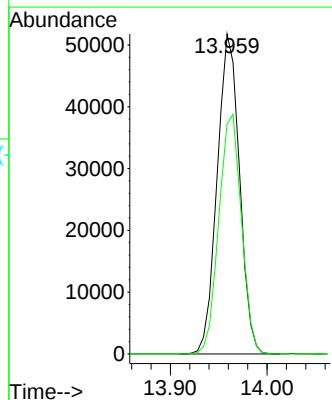
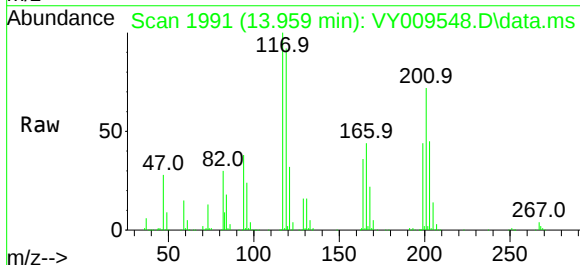
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

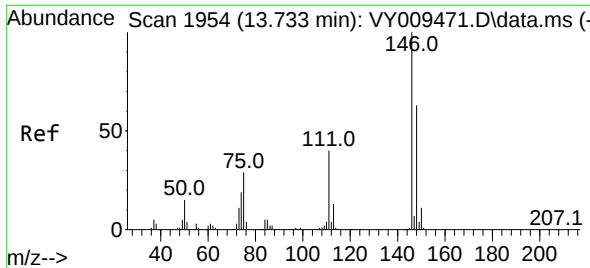
Tgt Ion: 91 Resp: 415690
Ion Ratio Lower Upper
91 100
92 54.1 26.3 78.9
134 27.3 13.0 38.9



#90
Hexachloroethane
Concen: 50.953 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY009548.D
Acq: 13 Jul 2022 09:27

Tgt Ion: 117 Resp: 82944
Ion Ratio Lower Upper
117 100
201 75.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 50.626 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

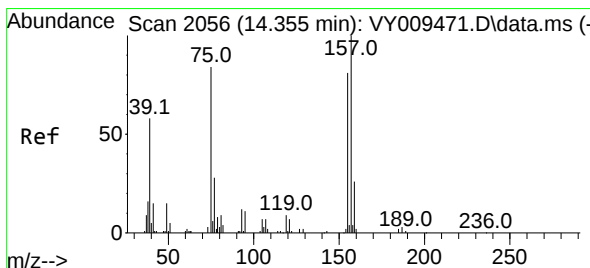
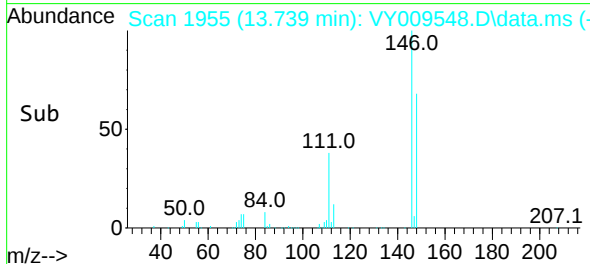
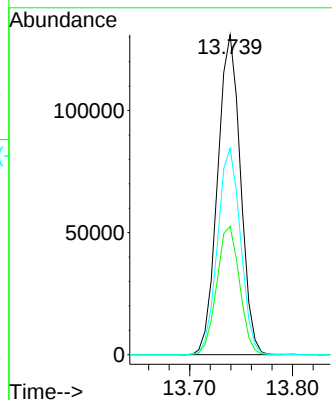
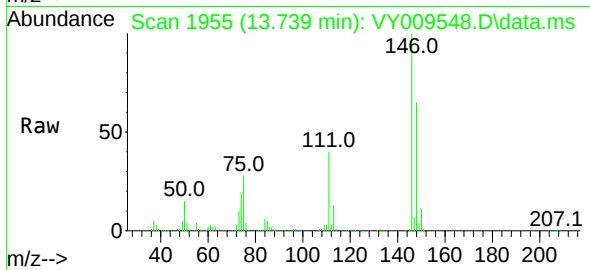
Tgt Ion:146 Resp: 202571

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

148 64.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.836 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

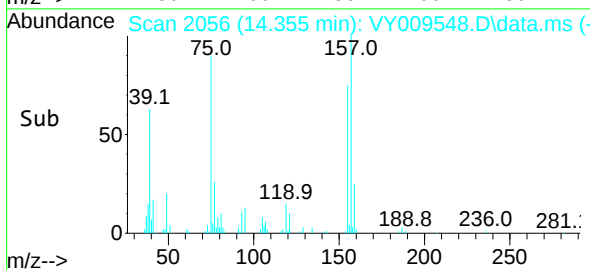
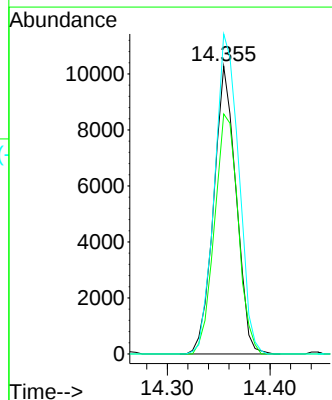
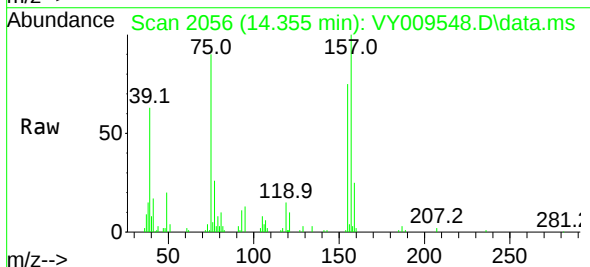
Tgt Ion: 75 Resp: 15576

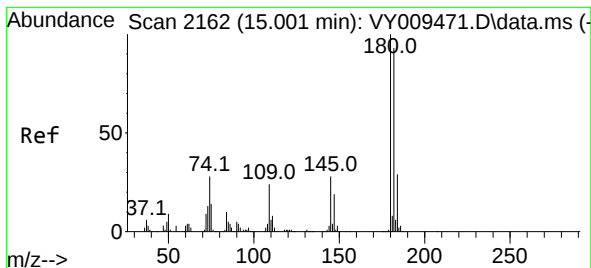
Ion Ratio Lower Upper

75 100

155 87.6 38.0 113.9

157 119.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.866 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

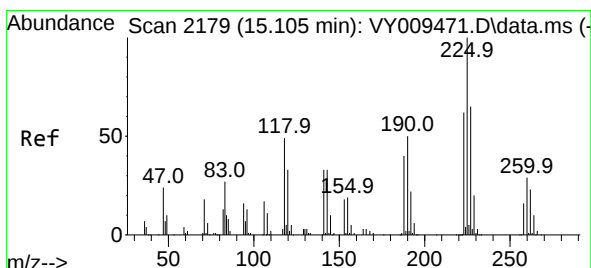
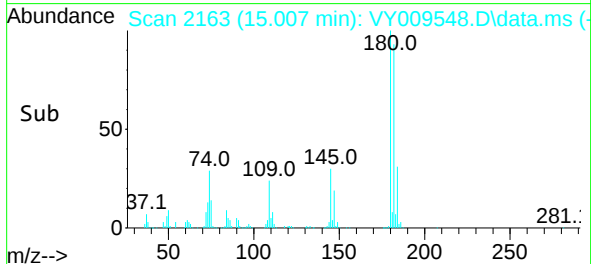
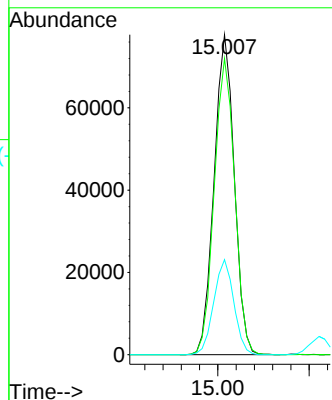
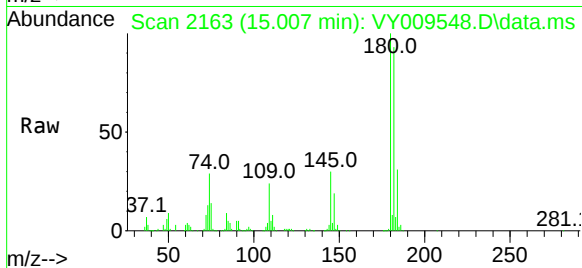
Tgt Ion:180 Resp: 119254

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 29.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.585 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

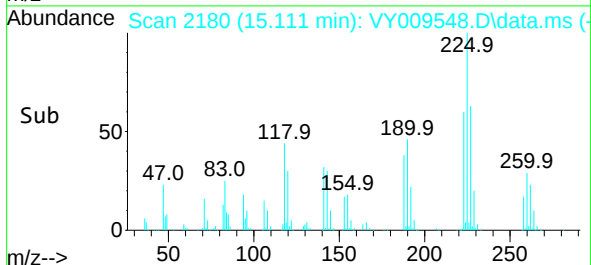
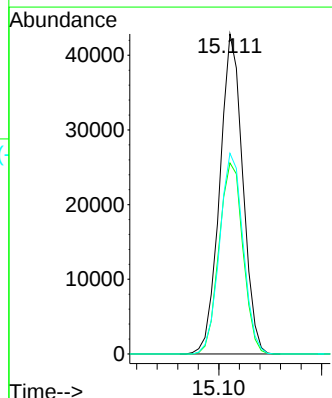
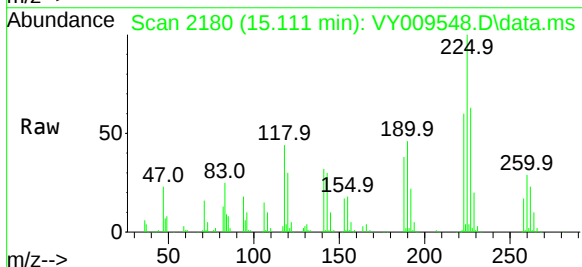
Tgt Ion:225 Resp: 66528

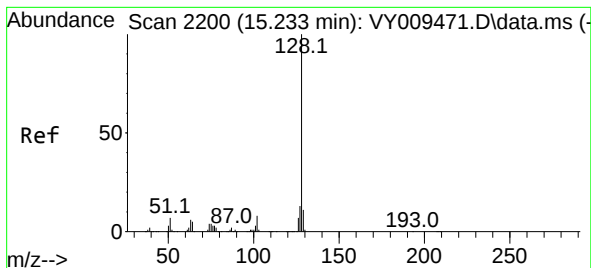
Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 64.0 31.6 94.7





#95

Naphthalene

Concen: 48.158 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

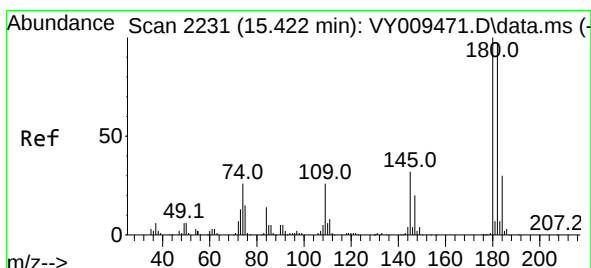
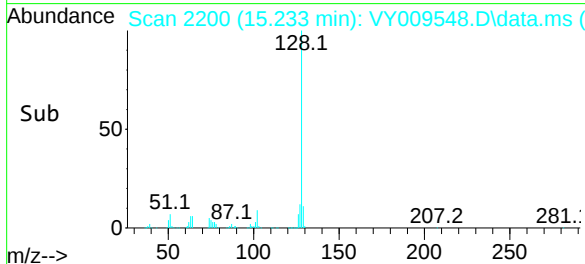
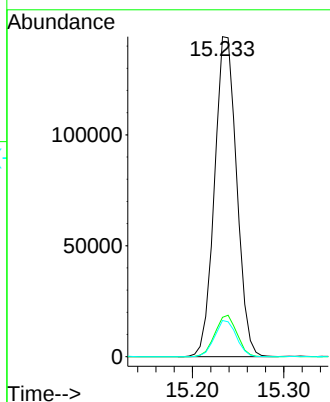
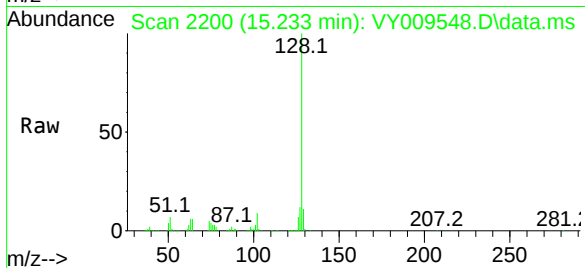
Tgt Ion:128 Resp: 242994

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.456 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009548.D

Acq: 13 Jul 2022 09:27

Tgt Ion:180 Resp: 102421

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 31.1 15.3 45.9

