

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009477.D
 Acq On : 08 Jul 2022 10:28
 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 11 02:13:17 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	7.782	168	196026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63506	45.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.709	113	71594	43.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.940%
50) Toluene-d8	10.178	98	207693	45.223	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	90.440%
62) 4-Bromofluorobenzene	12.477	95	112119	48.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	96.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	74746	49.723	ug/l	99
3) Chloromethane	2.107	50	86389	51.461	ug/l	99
4) Vinyl Chloride	2.247	62	98236	51.398	ug/l	97
5) Bromomethane	2.637	94	62519	45.531	ug/l	98
6) Chloroethane	2.783	64	52852	47.363	ug/l	96
7) Trichlorofluoromethane	3.119	101	127776	50.073	ug/l	94
8) Diethyl Ether	3.521	74	38907	39.852	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.893	101	85500	49.452	ug/l	95
10) Methyl Iodide	4.082	142	113603	48.991	ug/l	89
11) Tert butyl alcohol	4.942	59	52121	200.709	ug/l	96
12) 1,1-Dichloroethene	3.862	96	82866	51.675	ug/l	84
13) Acrolein	3.716	56	39436	253.783	ug/l	99
14) Allyl chloride	4.472	41	149067	54.028	ug/l	93
15) Acrylonitrile	5.155	53	146173	272.108	ug/l	98
16) Acetone	3.942	43	122642	257.185	ug/l	93
17) Carbon Disulfide	4.186	76	258585	48.655	ug/l	99
18) Methyl Acetate	4.472	43	71445	51.028	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	252604	52.045	ug/l	99
20) Methylene Chloride	4.704	84	98202	42.814	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	99727	53.075	ug/l	90
22) Diisopropyl ether	6.112	45	325015	55.409	ug/l	92
23) Vinyl Acetate	6.051	43	1097406	269.257	ug/l #	95
24) 1,1-Dichloroethane	6.008	63	173974	52.594	ug/l	99
25) 2-Butanone	6.978	43	203740	264.113	ug/l #	91
26) 2,2-Dichloropropane	6.972	77	154412	47.363	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	114386	51.709	ug/l	89
28) Bromochloromethane	7.325	49	74153	53.336	ug/l #	89
29) Tetrahydrofuran	7.337	42	134757	270.083	ug/l	91
30) Chloroform	7.502	83	179573	49.602	ug/l	97
31) Cyclohexane	7.776	56	165298	51.398	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	159169	49.868	ug/l	97
36) 1,1-Dichloropropene	7.911	75	140005	52.220	ug/l	97
37) Ethyl Acetate	7.069	43	89290	53.130	ug/l	95
38) Carbon Tetrachloride	7.892	117	144145	50.271	ug/l	99
39) Methylcyclohexane	9.179	83	177555	55.171	ug/l	92
40) Benzene	8.154	78	409007	51.952	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	123428	141.439	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	118302	50.052	ug/l	93
43) Isopropyl Acetate	8.270	43	165329	52.725	ug/l #	94
44) Trichloroethene	8.935	130	114146	51.324	ug/l	100
45) 1,2-Dichloropropane	9.209	63	104041	52.219	ug/l	99
46) Dibromomethane	9.301	93	61813	52.859	ug/l	98
47) Bromodichloromethane	9.489	83	138951	49.923	ug/l	97
48) Methyl methacrylate	9.288	41	76278	56.460	ug/l	90
49) 1,4-Dioxane	9.294	88	18393	1068.051	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	441632	267.811	ug/l	93
52) Toluene	10.239	92	263501	52.523	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	151795	51.752	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	168209	51.431	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	85371	50.606	ug/l	99
56) Ethyl methacrylate	10.508	69	121137	54.086	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	143877	51.735	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	298947	273.231	ug/l	96
59) 2-Hexanone	10.831	43	316099	276.630	ug/l	91
60) Dibromochloromethane	10.983	129	108190	52.959	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83286	51.498	ug/l	100
64) Tetrachloroethene	10.715	164	123221	50.433	ug/l	96
65) Chlorobenzene	11.514	112	287241	50.049	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	106818	49.478	ug/l	96
67) Ethyl Benzene	11.587	91	516346	51.534	ug/l	97
68) m/p-Xylenes	11.696	106	402338	102.962	ug/l	93
69) o-Xylene	12.026	106	189976	50.720	ug/l	92
70) Styrene	12.038	104	325589	52.043	ug/l	95
71) Bromoform	12.202	173	72757	52.876	ug/l #	98
73) Isopropylbenzene	12.324	105	514017	51.710	ug/l	99
74) N-amyl acetate	12.141	43	146249	51.710	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	103997	52.251	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	140246	91.149	ug/l #	100
77) Bromobenzene	12.605	156	122410	50.583	ug/l	95
78) n-propylbenzene	12.672	91	619339	51.571	ug/l	97
79) 2-Chlorotoluene	12.751	91	347532	51.689	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	433045	52.118	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	39297	52.271	ug/l	87
82) 4-Chlorotoluene	12.849	91	360693	51.190	ug/l	97
83) tert-Butylbenzene	13.074	119	381524	51.612	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	423131	51.163	ug/l	98
85) sec-Butylbenzene	13.251	105	566367	52.023	ug/l	98
86) p-Isopropyltoluene	13.367	119	468046	51.577	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	240475	50.342	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	242069	50.069	ug/l	98
89) n-Butylbenzene	13.696	91	442058	52.166	ug/l	99
90) Hexachloroethane	13.958	117	90017	50.556	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	220907	50.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	18832	53.982	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	134885	50.532	ug/l	98
94) Hexachlorobutadiene	15.110	225	74050	50.459	ug/l	99
95) Naphthalene	15.232	128	300867	54.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	118596	51.297	ug/l	99

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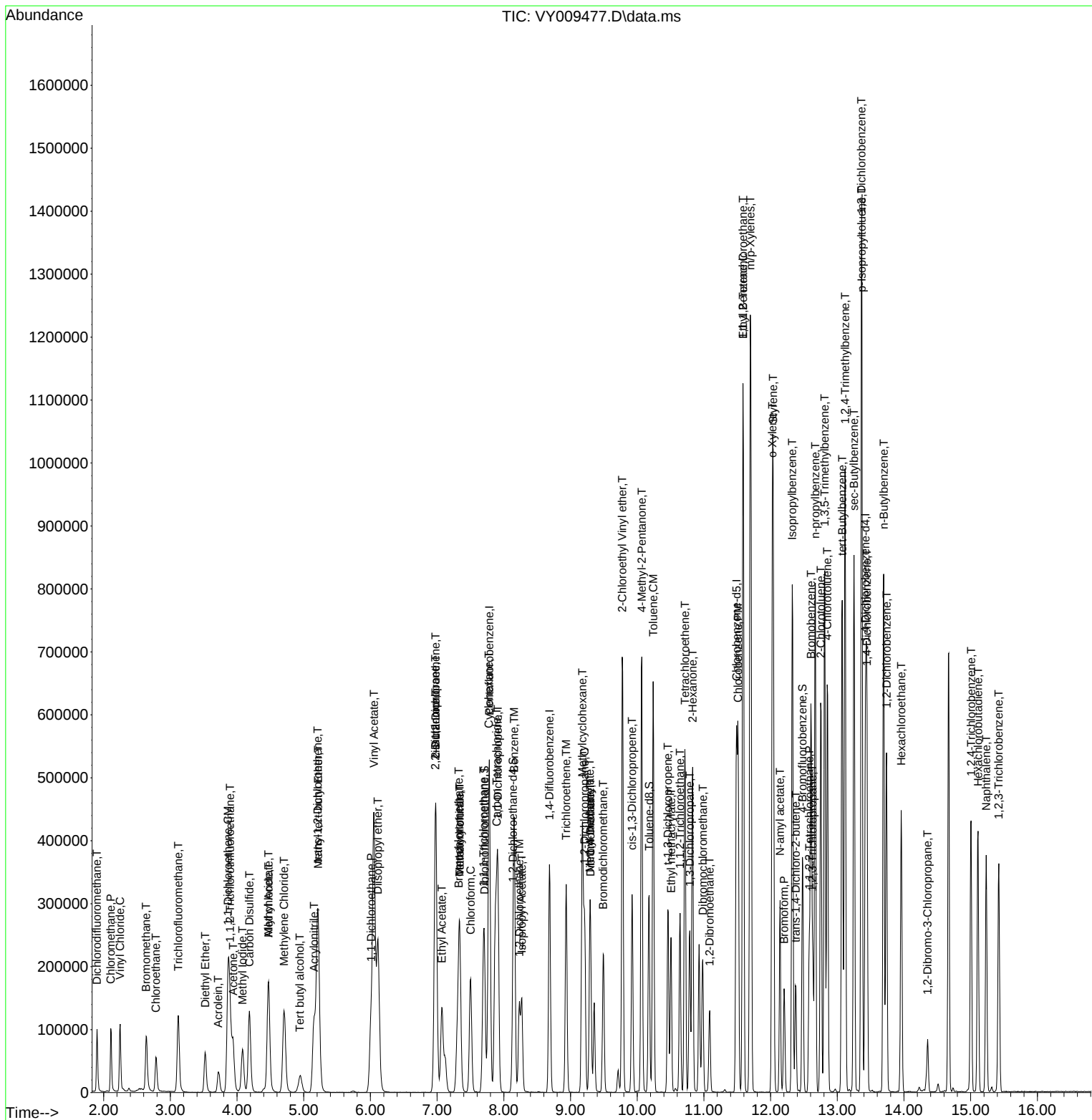
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

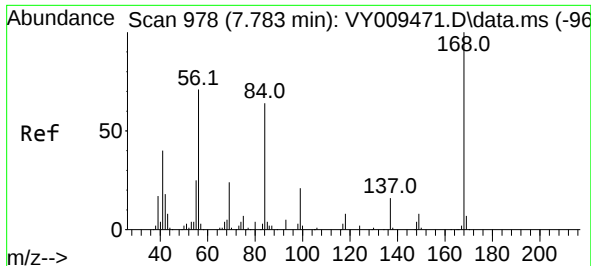
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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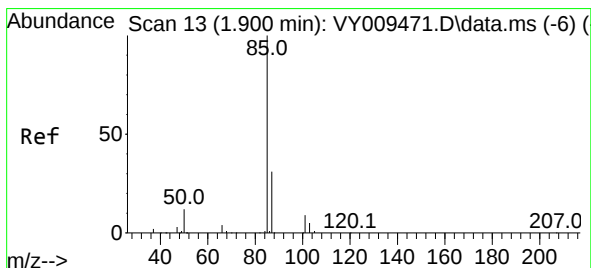
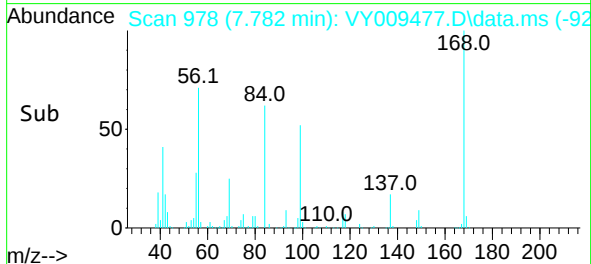
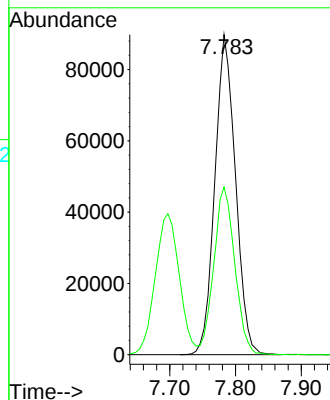
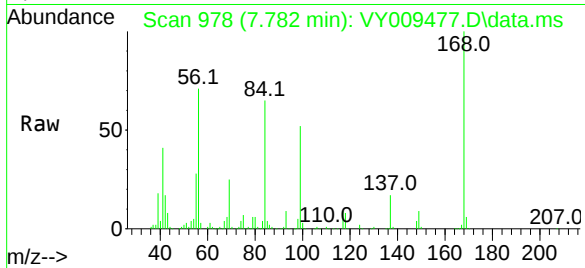




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009477.D
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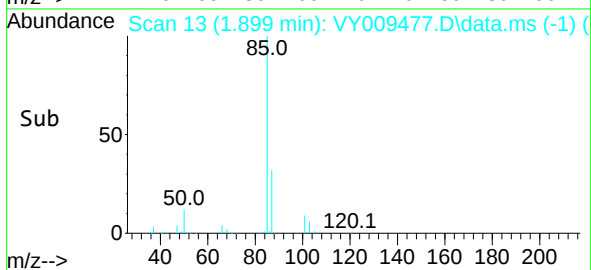
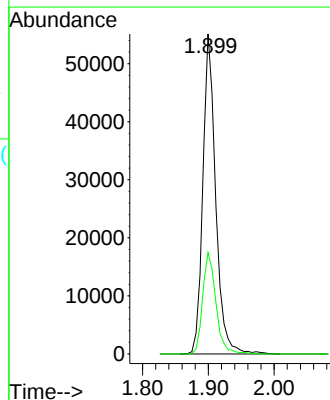
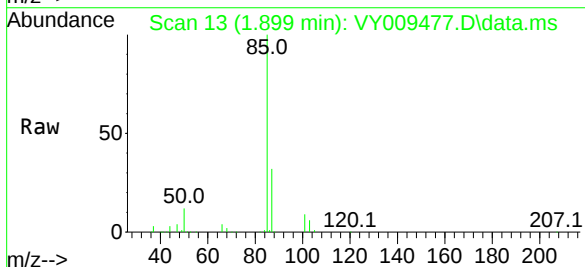
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 196026
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3

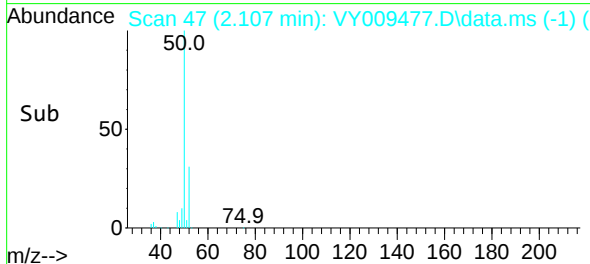
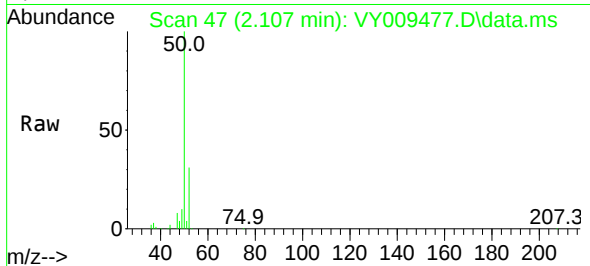
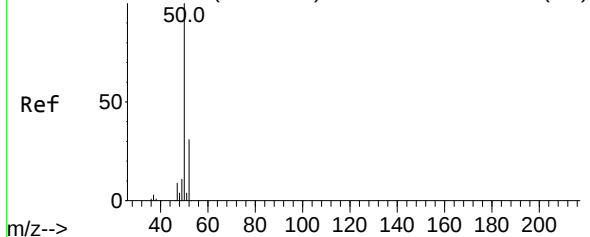


#2
Dichlorodifluoromethane
Concen: 49.723 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 85 Resp: 74746
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2



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



#3

Chloromethane

Concen: 51.461 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

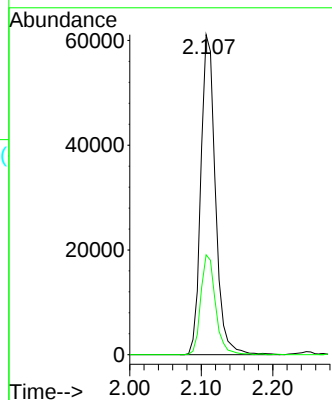
VSTDCCC050

Tgt Ion: 50 Resp: 86389

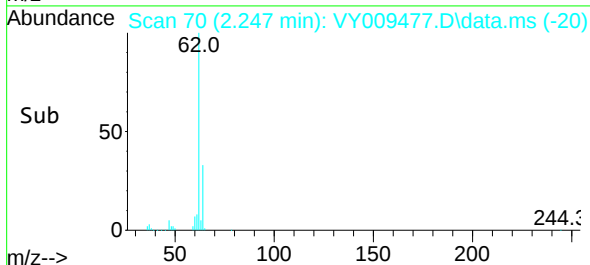
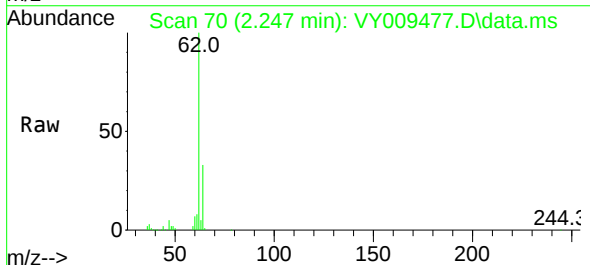
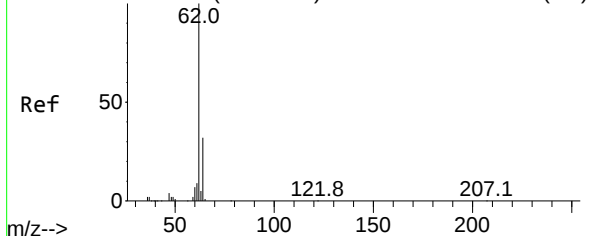
Ion Ratio Lower Upper

50 100

52 31.2 24.6 37.0



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



#4

Vinyl Chloride

Concen: 51.398 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY009477.D

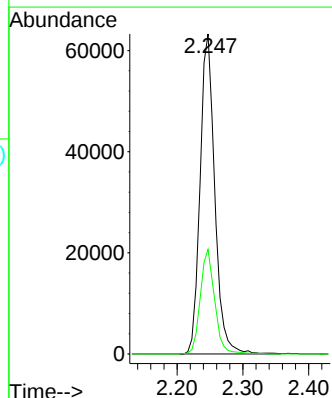
Acq: 08 Jul 2022 10:28

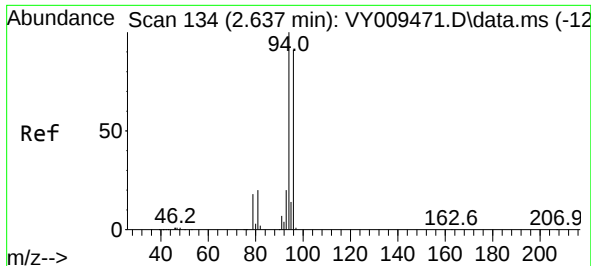
Tgt Ion: 62 Resp: 98236

Ion Ratio Lower Upper

62 100

64 32.7 25.0 37.6

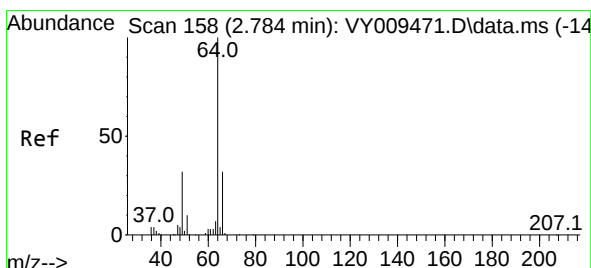
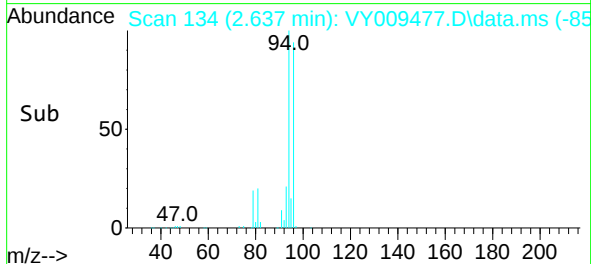
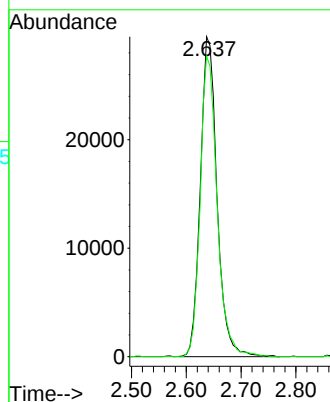
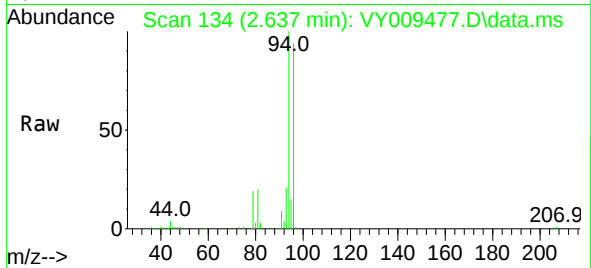




#5
Bromomethane
Concen: 45.531 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

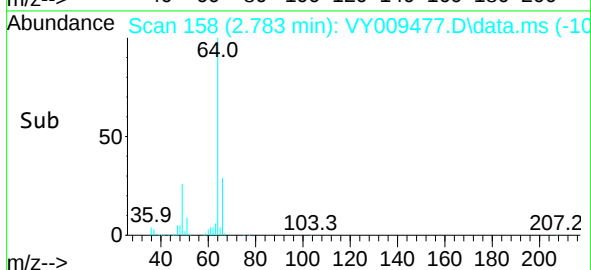
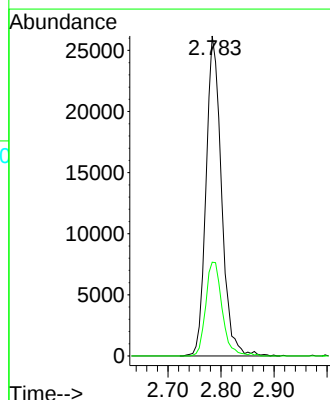
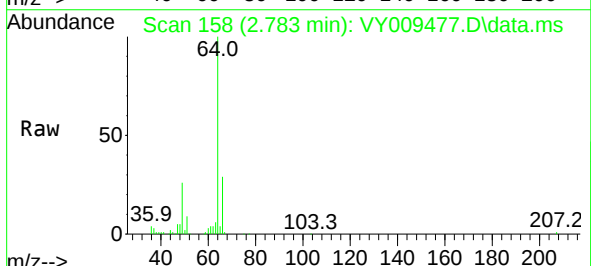
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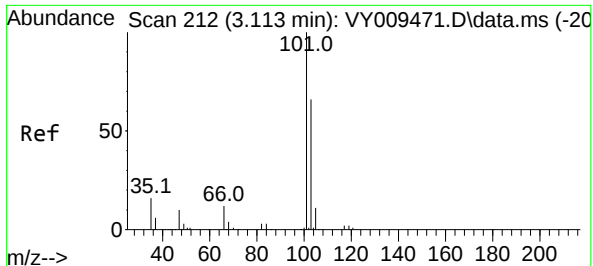
Tgt Ion: 94 Resp: 62519
Ion Ratio Lower Upper
94 100
96 93.9 73.5 110.3



#6
Chloroethane
Concen: 47.363 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 64 Resp: 52852
Ion Ratio Lower Upper
64 100
66 29.3 25.4 38.0

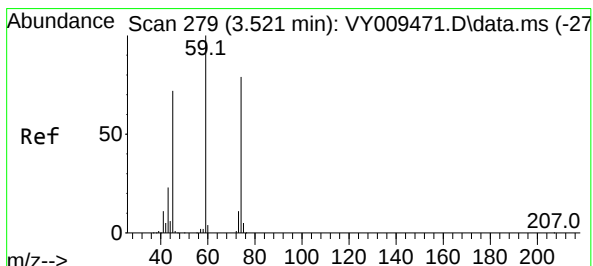
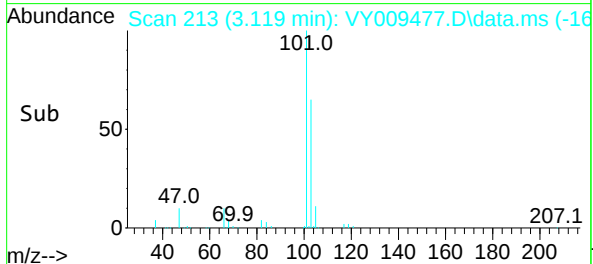
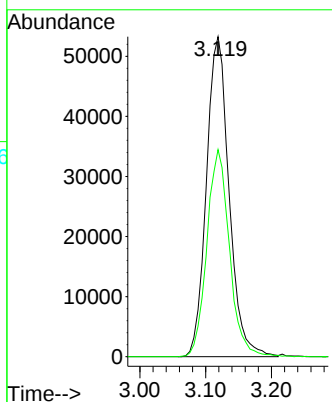
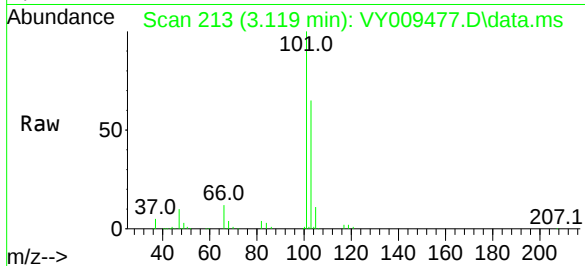




#7
Trichlorofluoromethane
Concen: 50.073 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

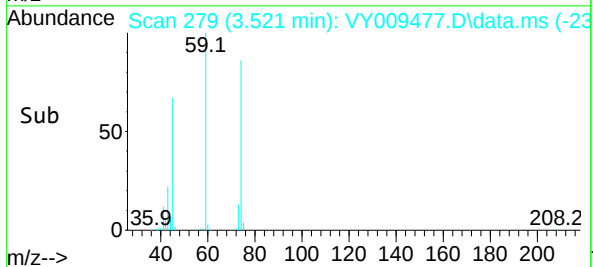
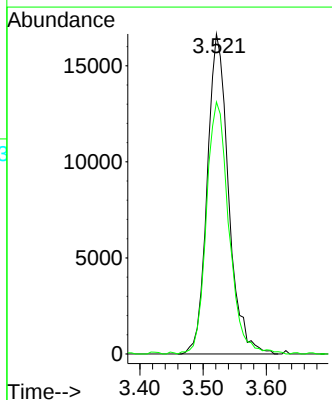
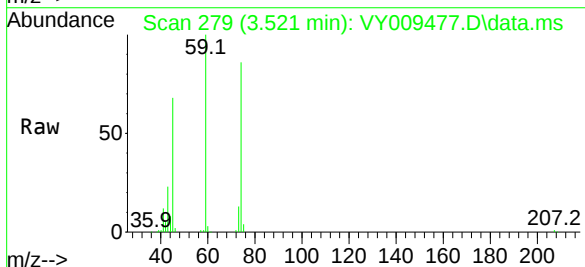
Instrument :
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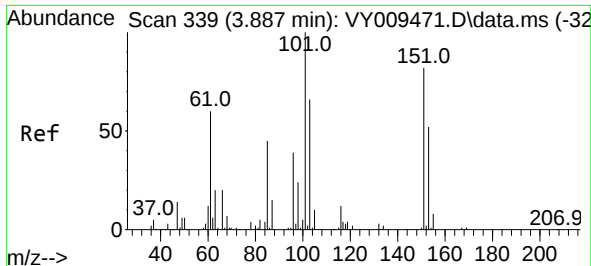
Tgt Ion:101 Resp: 127776
Ion Ratio Lower Upper
101 100
103 64.7 48.0 72.0



#8
Diethyl Ether
Concen: 39.852 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 74 Resp: 38907
Ion Ratio Lower Upper
74 100
45 83.3 55.1 165.5

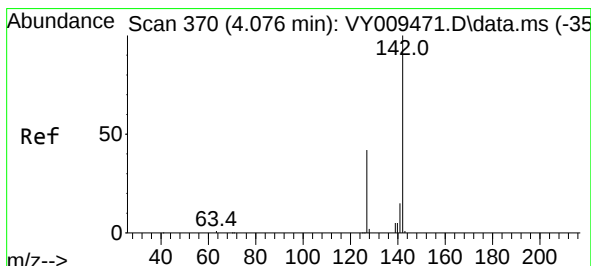
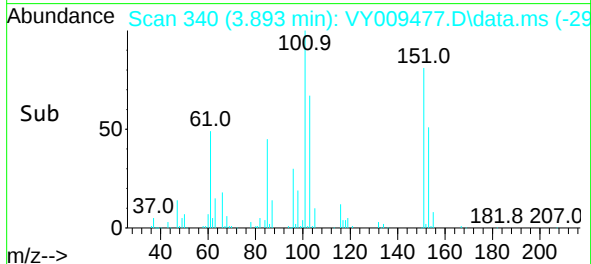
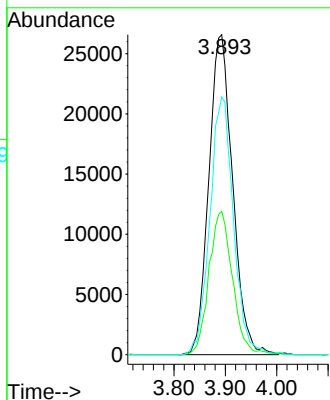
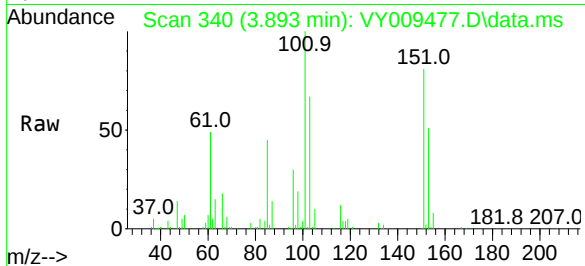




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.452 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

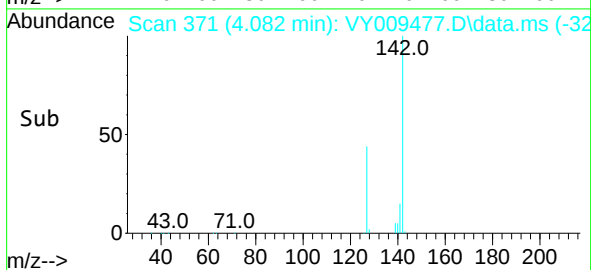
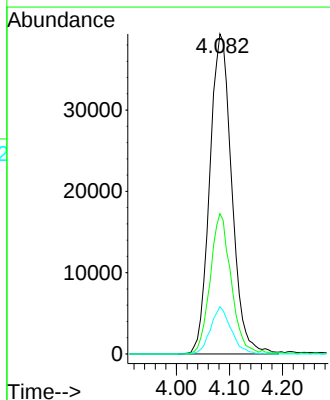
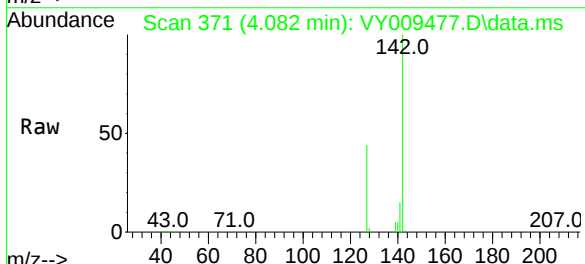
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 85500
Ion Ratio Lower Upper
101 100
85 44.3 40.6 60.8
151 79.5 64.9 97.3



#10
Methyl Iodide
Concen: 48.991 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion:142 Resp: 113603
Ion Ratio Lower Upper
142 100
127 42.1 41.5 62.3
141 13.7 11.9 17.9

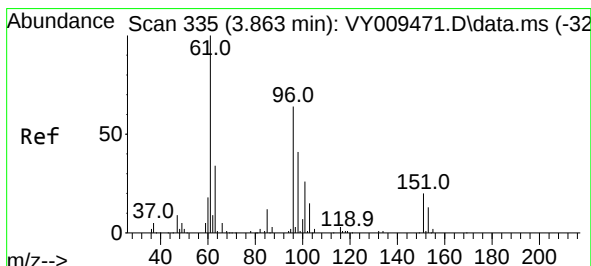
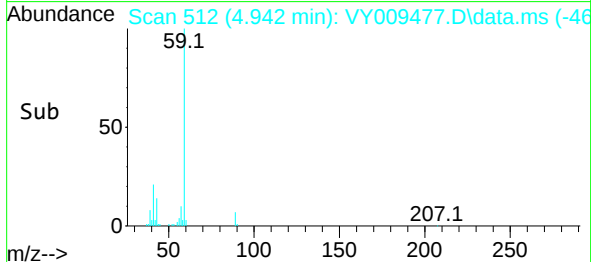
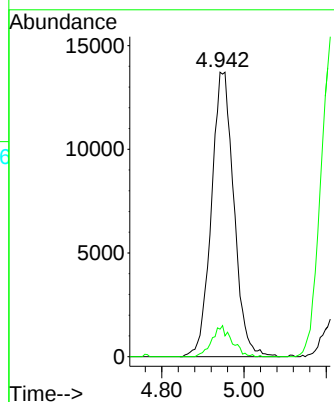
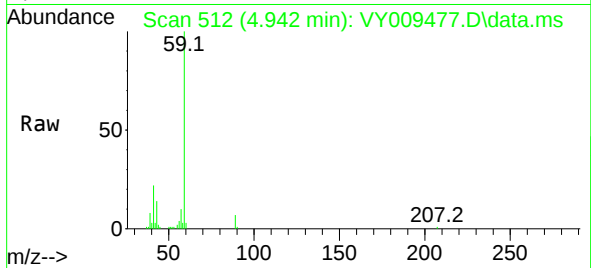




#11
Tert butyl alcohol
Concen: 200.709 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

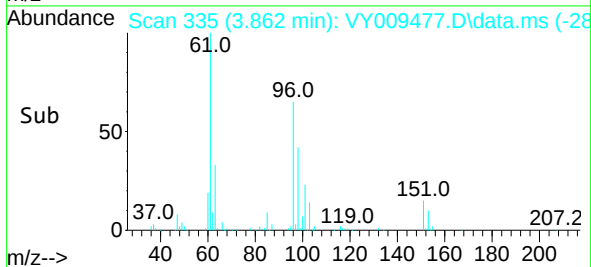
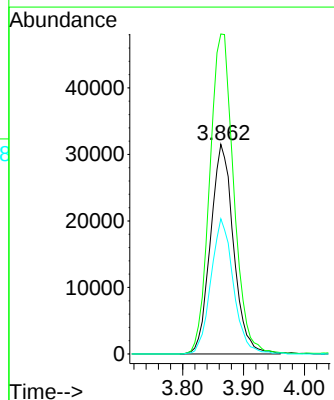
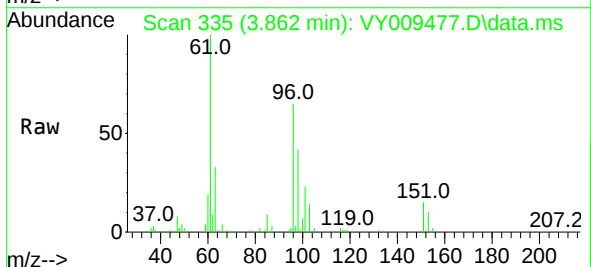
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

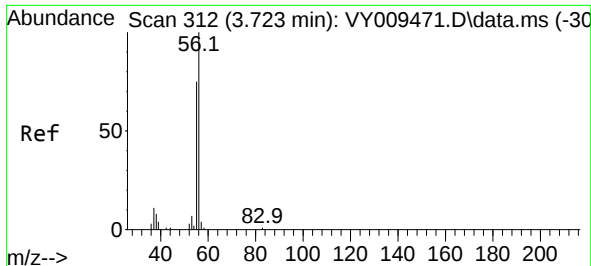
Tgt Ion: 59 Resp: 52121
Ion Ratio Lower Upper
59 100
57 9.6 6.4 9.6



#12
1,1-Dichloroethene
Concen: 51.675 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 96 Resp: 82866
Ion Ratio Lower Upper
96 100
61 152.7 145.8 218.6
98 64.5 52.5 78.7

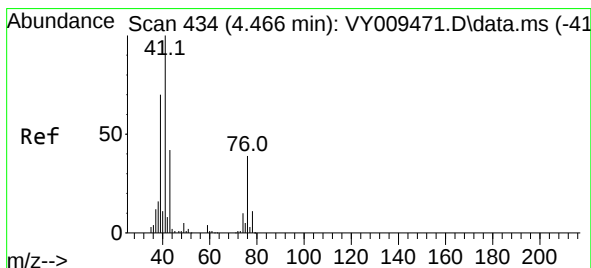
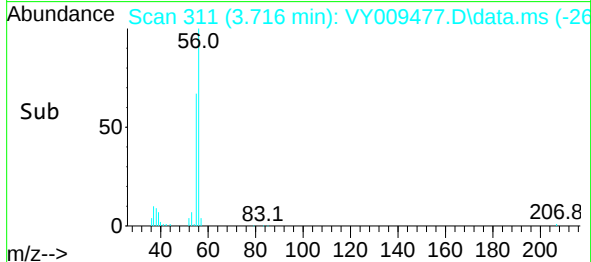
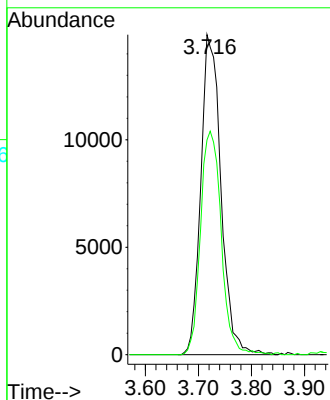
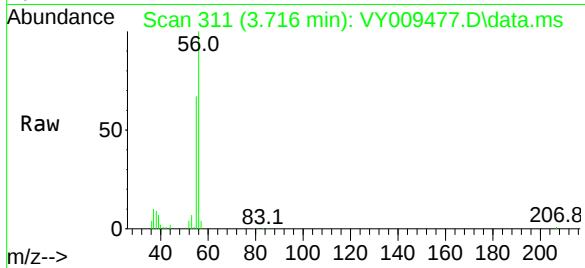




#13
Acrolein
Concen: 253.783 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

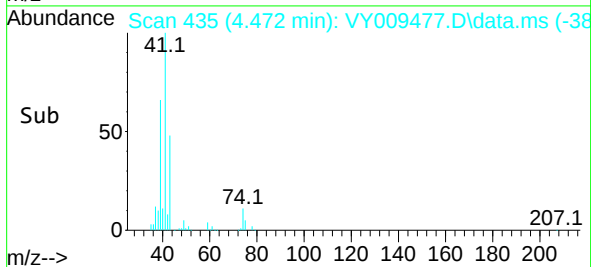
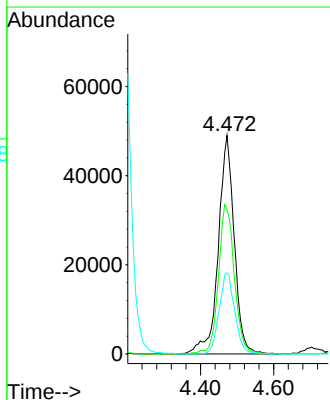
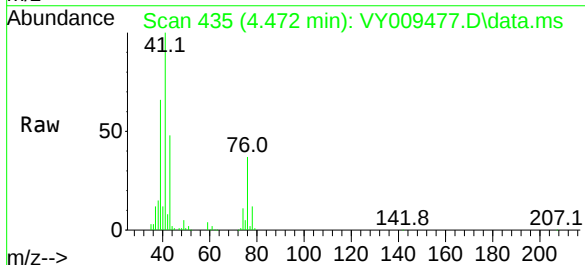
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

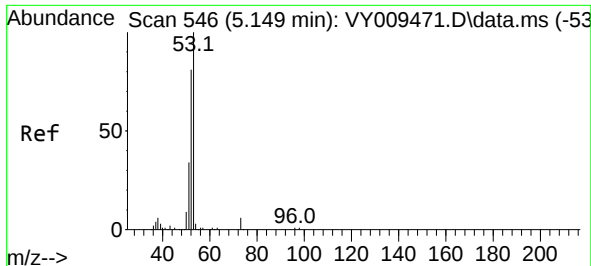
Tgt Ion: 56 Resp: 39436
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4



#14
Allyl chloride
Concen: 54.028 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 41 Resp: 149067
Ion Ratio Lower Upper
41 100
39 68.1 58.8 88.2
76 36.1 25.1 37.7

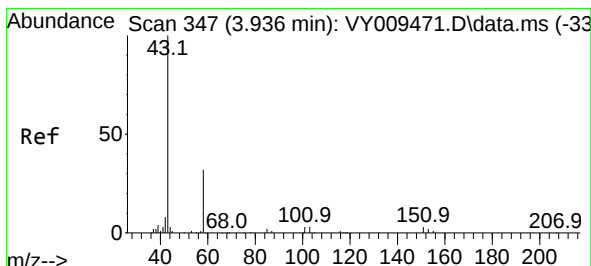
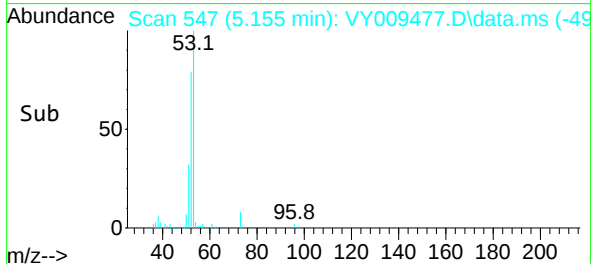
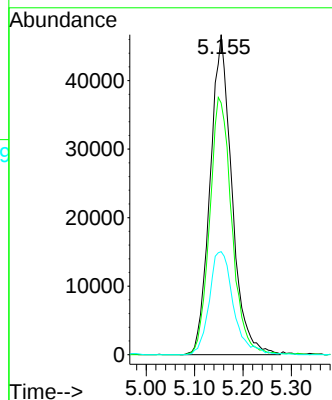
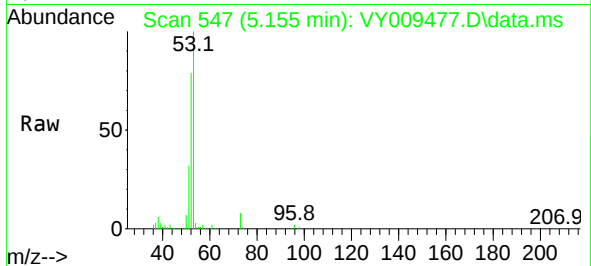




#15
Acrylonitrile
Concen: 272.108 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

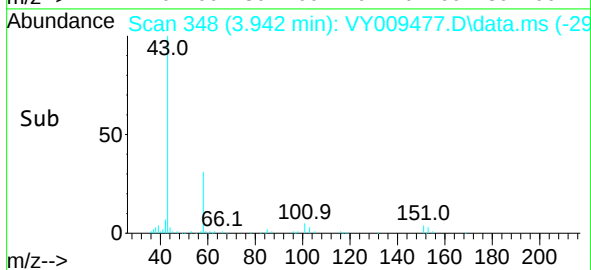
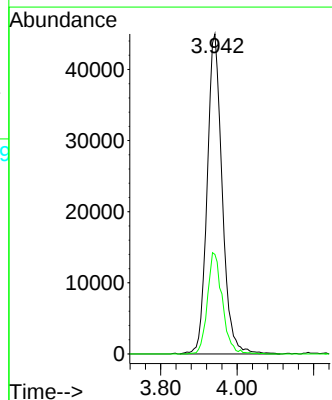
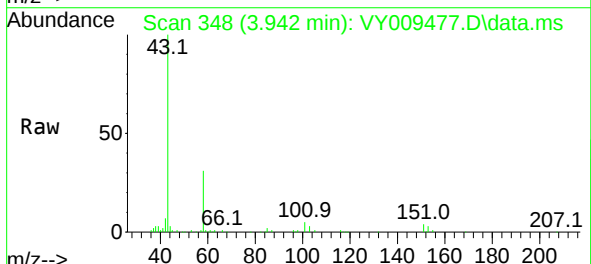
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

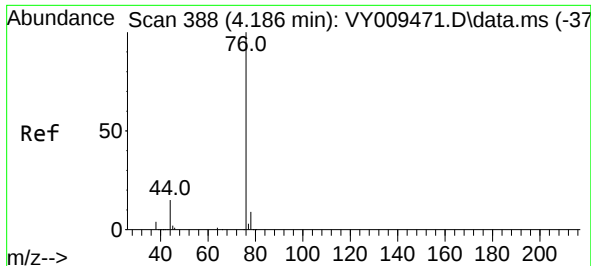
Tgt Ion: 53 Resp: 146173
Ion Ratio Lower Upper
53 100
52 81.5 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 257.185 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 43 Resp: 122642
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0

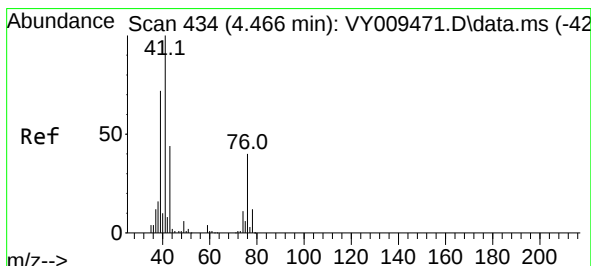
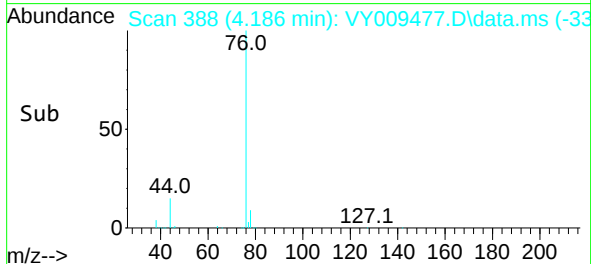
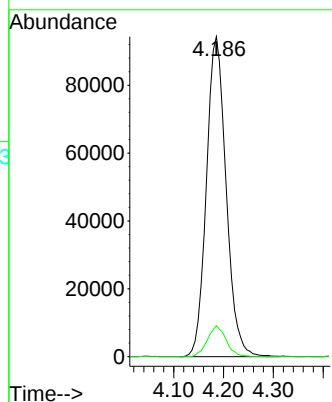
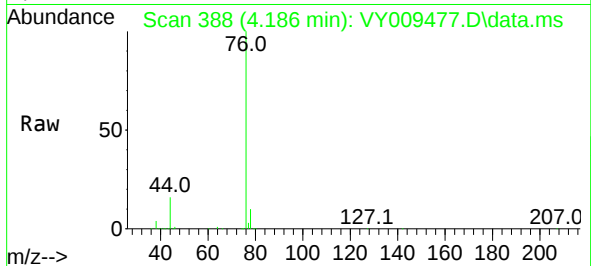




#17
Carbon Disulfide
Concen: 48.655 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

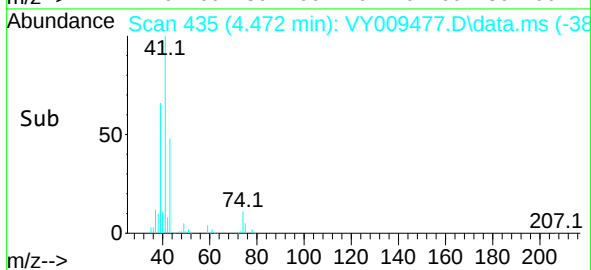
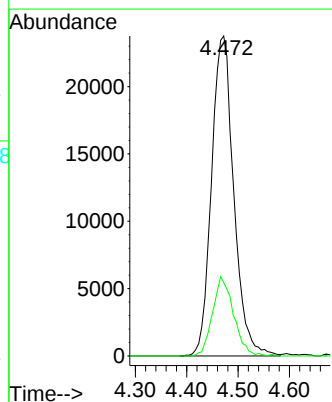
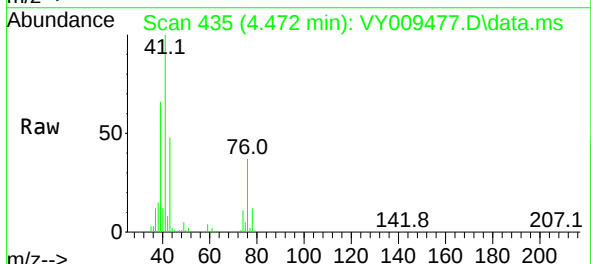
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

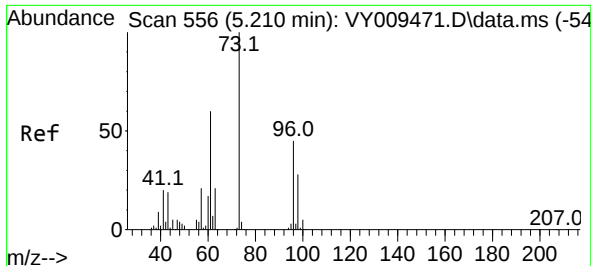
Tgt Ion: 76 Resp: 258585
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 51.028 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 43 Resp: 71445
Ion Ratio Lower Upper
43 100
74 23.3 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 52.045 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

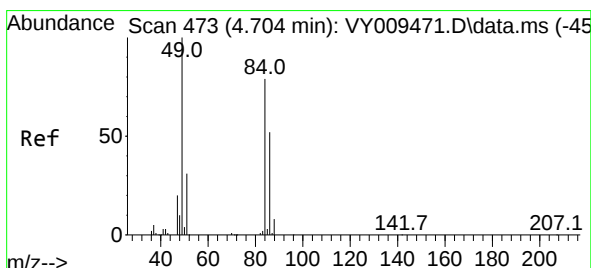
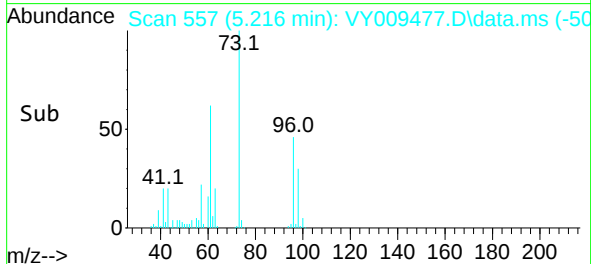
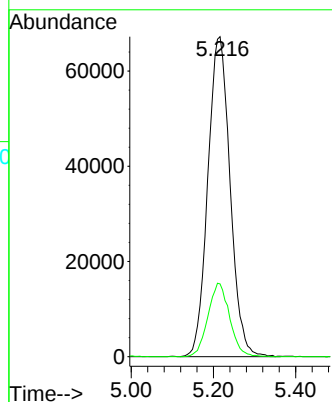
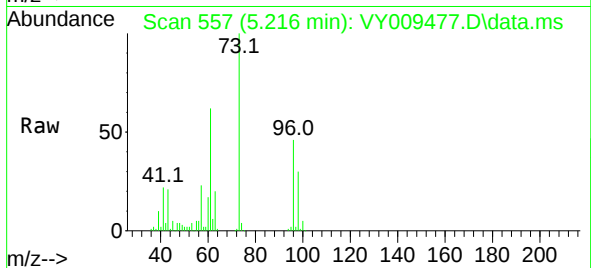
VSTDCCC050

Tgt Ion: 73 Resp: 252604

Ion Ratio Lower Upper

73 100

57 22.7 18.6 27.8



#20

Methylene Chloride

Concen: 42.814 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Tgt Ion: 84 Resp: 98202

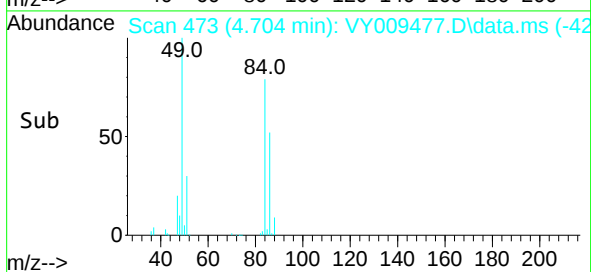
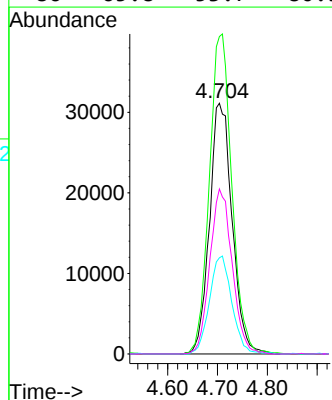
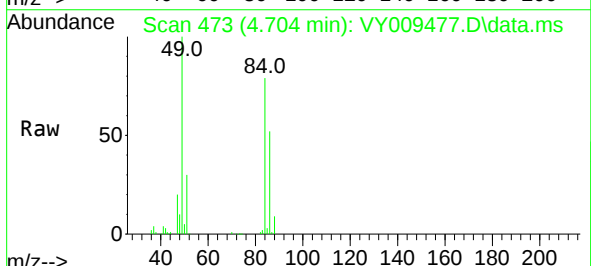
Ion Ratio Lower Upper

84 100

49 126.6 114.4 171.6

51 38.4 35.3 52.9

86 65.8 53.7 80.5

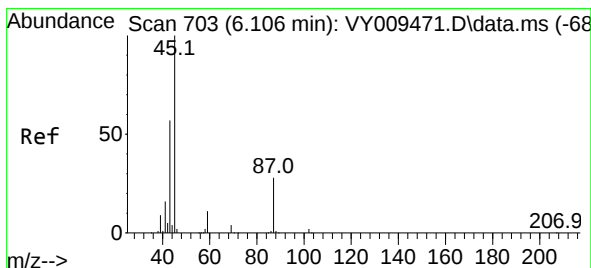
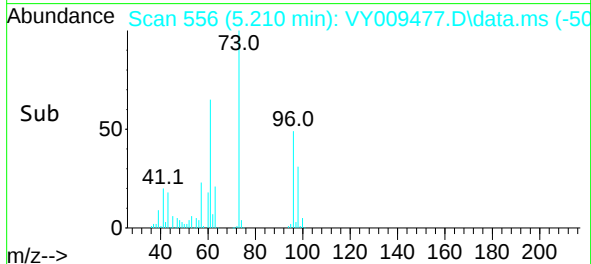
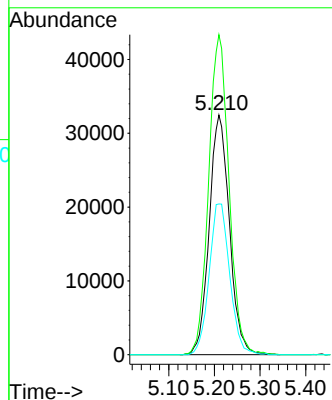
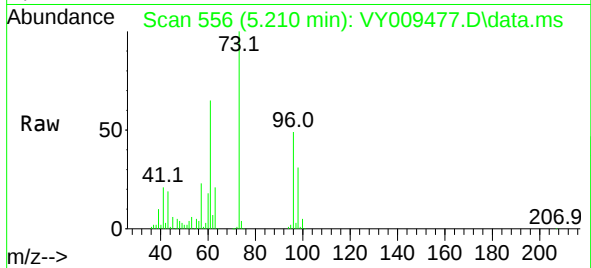




#21
trans-1,2-Dichloroethene
Concen: 53.075 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

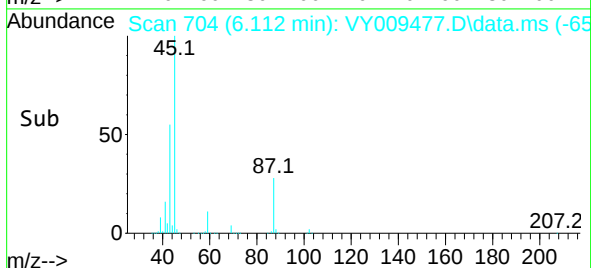
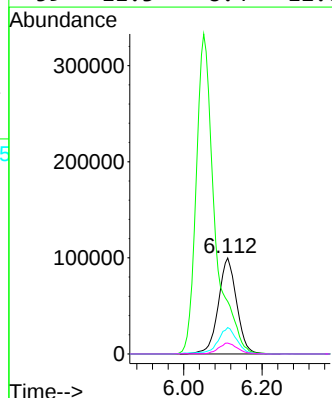
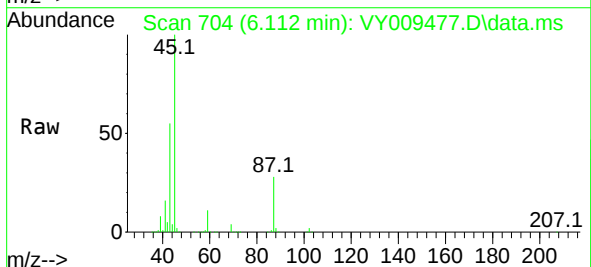
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

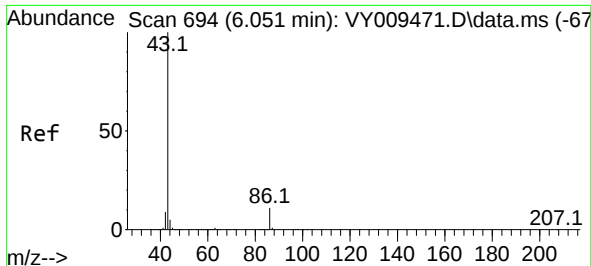
Tgt Ion: 96 Resp: 99727
Ion Ratio Lower Upper
96 100
61 133.5 120.5 180.7
98 62.9 49.8 74.8



#22
Diisopropyl ether
Concen: 55.409 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 45 Resp: 325015
Ion Ratio Lower Upper
45 100
43 54.3 49.3 73.9
87 27.5 19.2 28.8
59 11.3 8.4 12.6

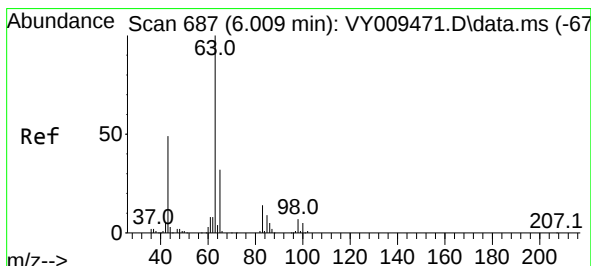
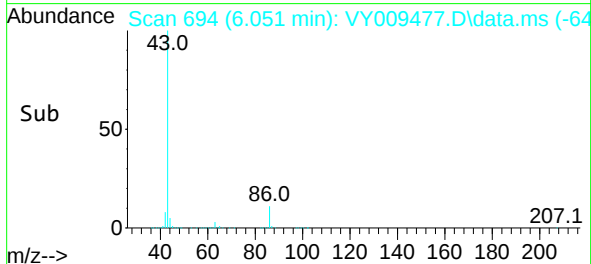
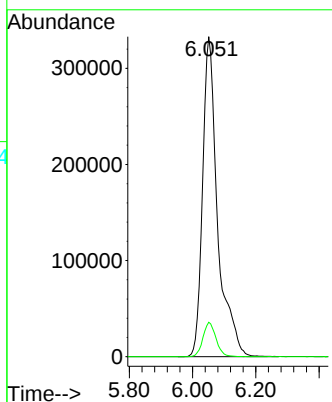
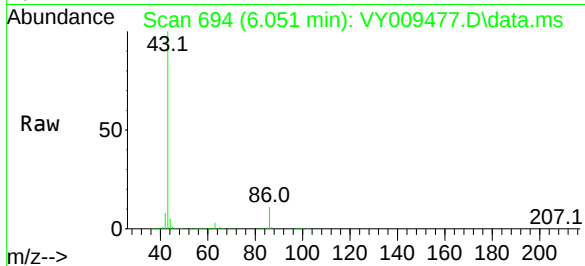




#23
 Vinyl Acetate
 Concen: 269.257 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009477.D
 Acq: 08 Jul 2022 10:28

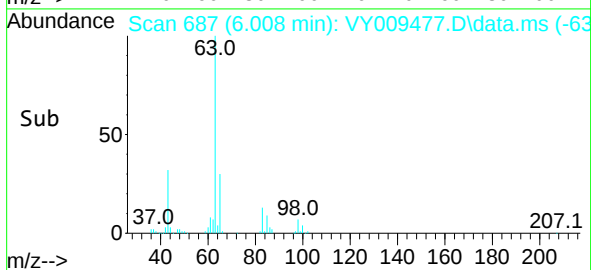
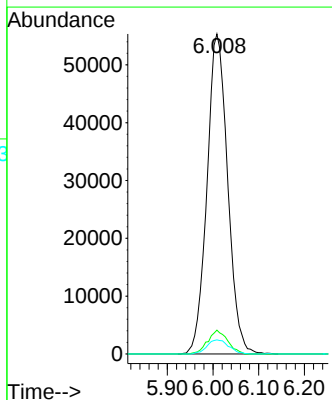
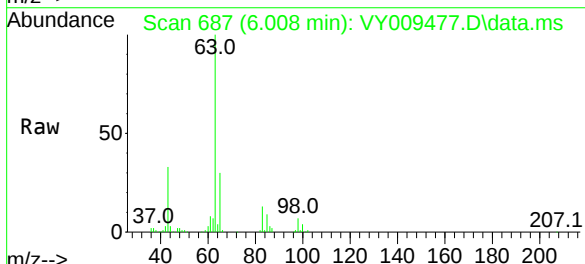
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

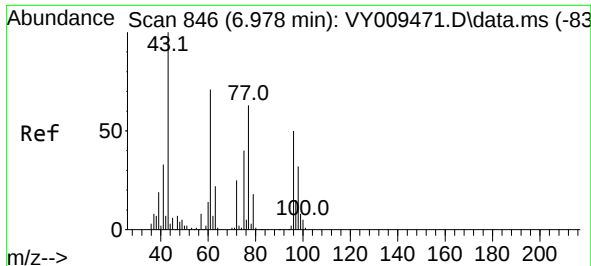
Tgt Ion: 43 Resp: 1097406
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.594 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.001 min
 Lab File: VY009477.D
 Acq: 08 Jul 2022 10:28

Tgt Ion: 63 Resp: 173974
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 264.113 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

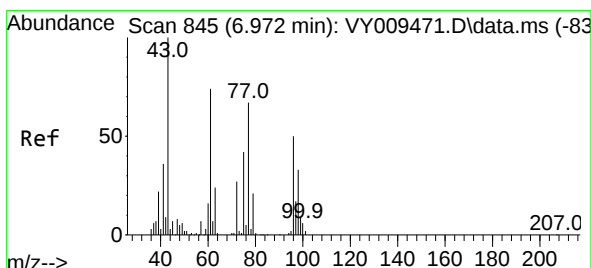
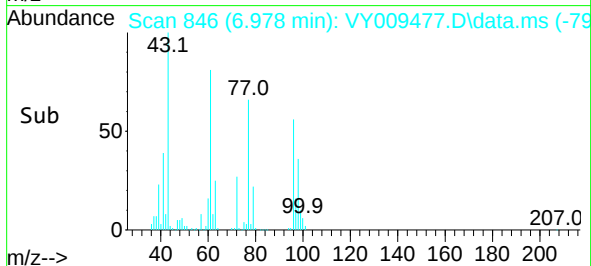
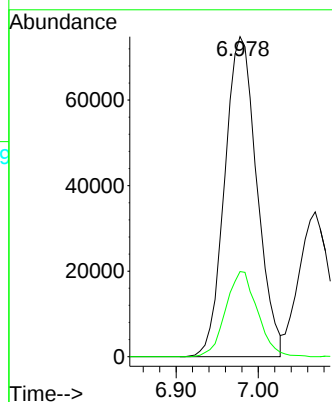
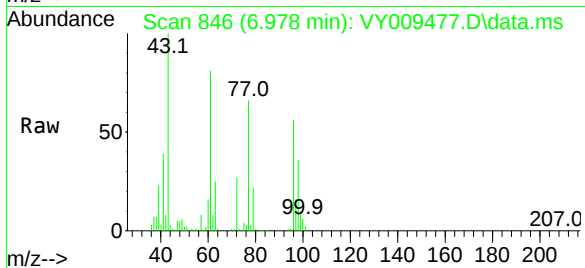
VSTDCCC050

Tgt Ion: 43 Resp: 203740

Ion Ratio Lower Upper

43 100

72 26.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 47.363 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009477.D

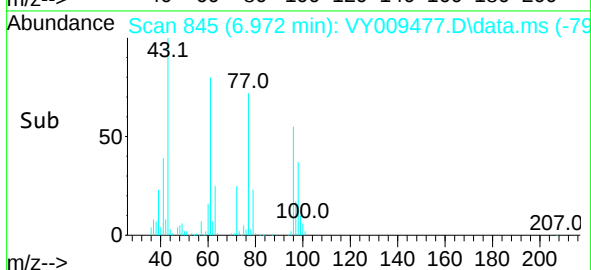
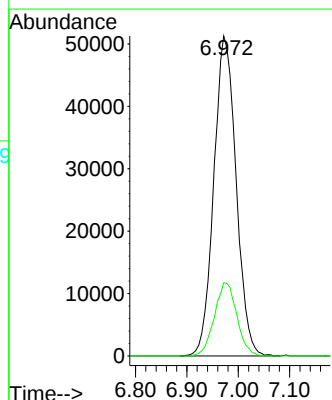
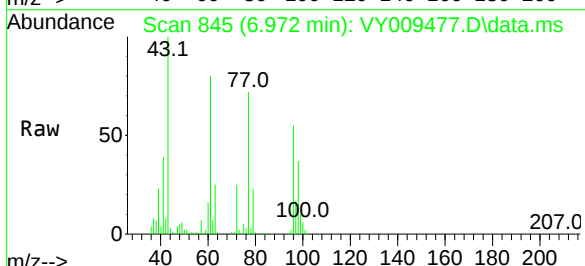
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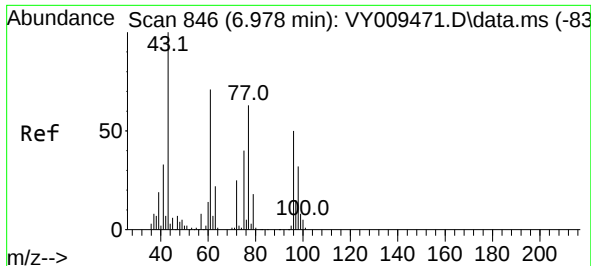
Tgt Ion: 77 Resp: 154412

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 51.709 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

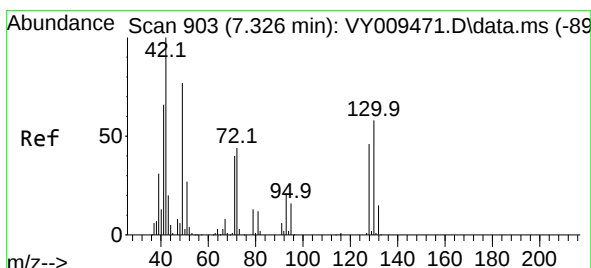
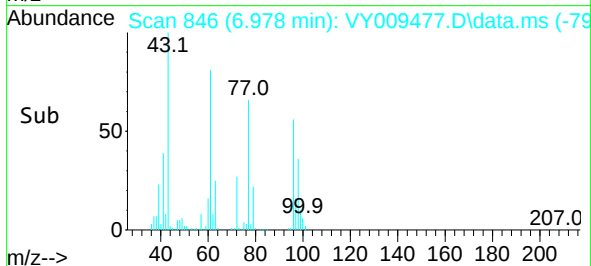
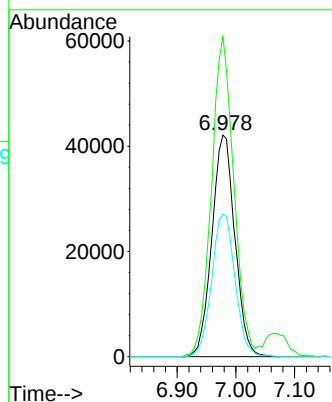
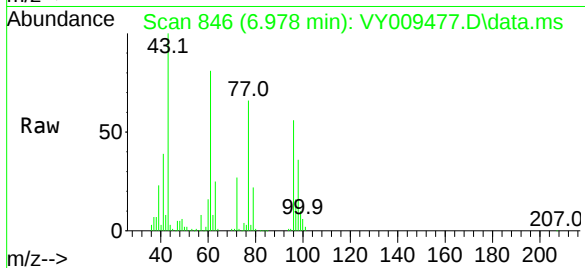
Tgt Ion: 96 Resp: 114386

Ion Ratio Lower Upper

96 100

61 140.4 0.0 319.8

98 65.4 0.0 127.0



#28

Bromochloromethane

Concen: 53.336 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.001 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

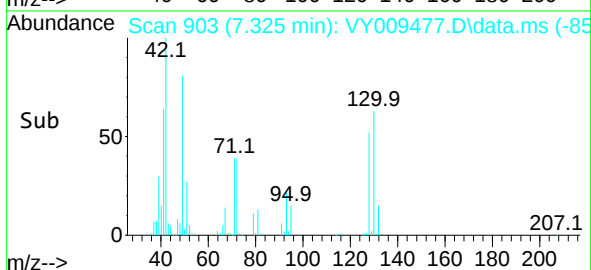
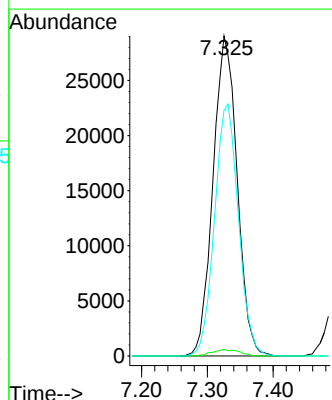
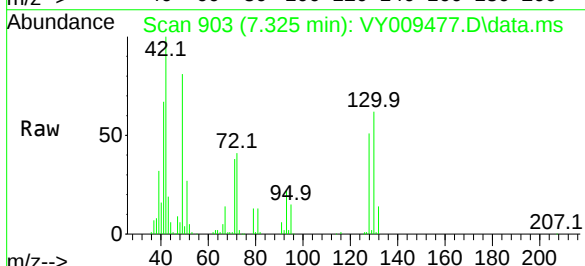
Tgt Ion: 49 Resp: 74153

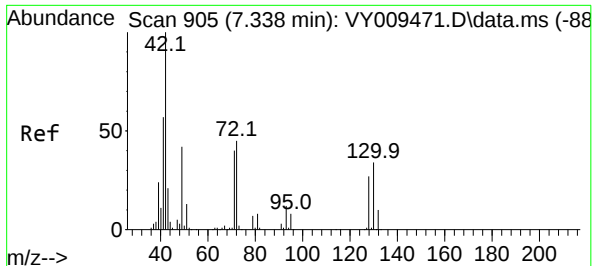
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 78.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 270.083 ug/l

RT: 7.337 min Scan# 905

Delta R.T. -0.001 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

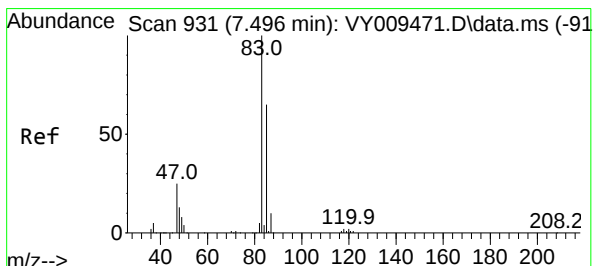
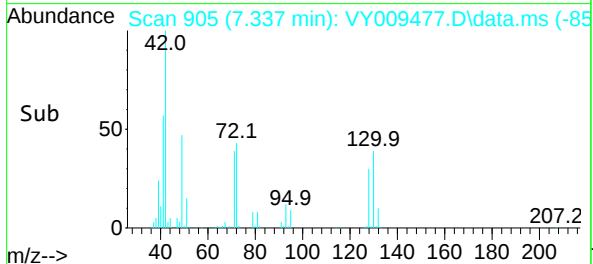
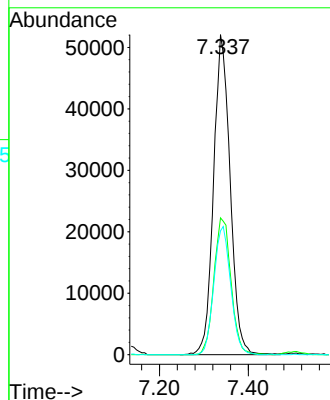
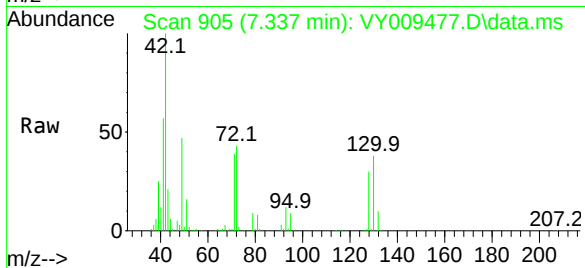
Tgt Ion: 42 Resp: 134757

Ion Ratio Lower Upper

42 100

72 44.0 30.3 45.5

71 40.7 29.0 43.4



#30

Chloroform

Concen: 49.602 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY009477.D

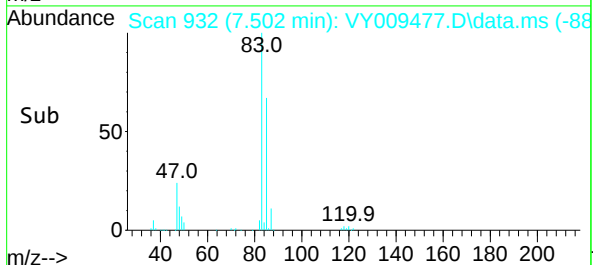
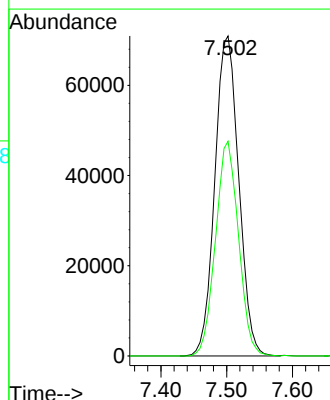
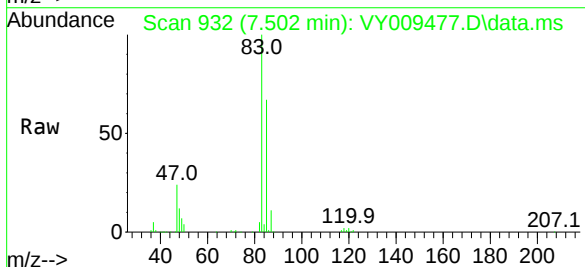
Acq: 08 Jul 2022 10:28

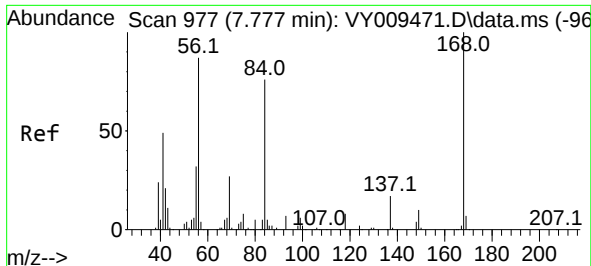
Tgt Ion: 83 Resp: 179573

Ion Ratio Lower Upper

83 100

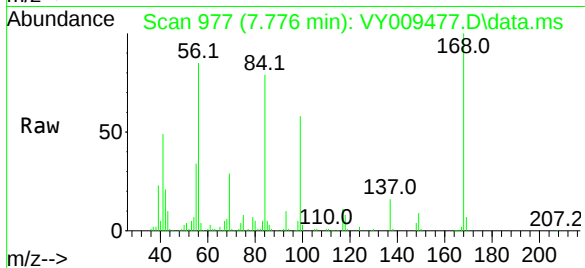
85 67.1 51.8 77.6



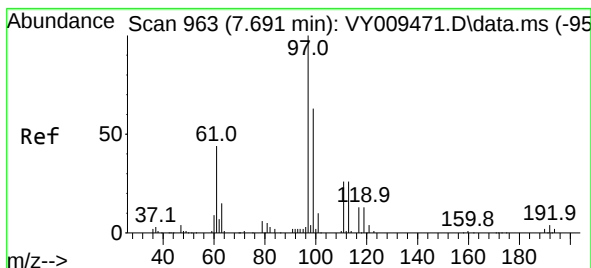
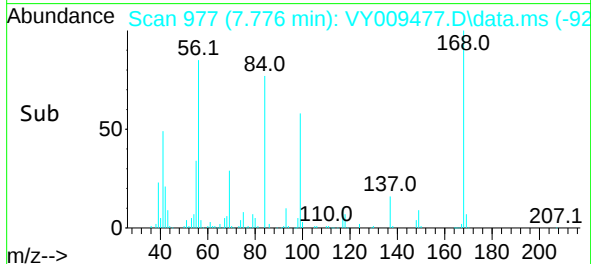
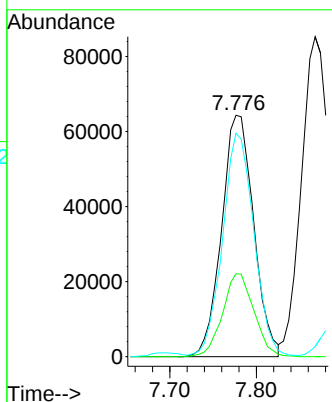


#31
Cyclohexane
Concen: 51.398 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

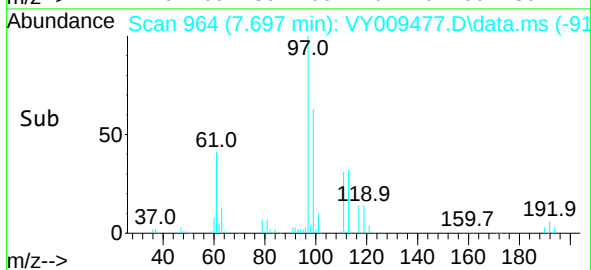
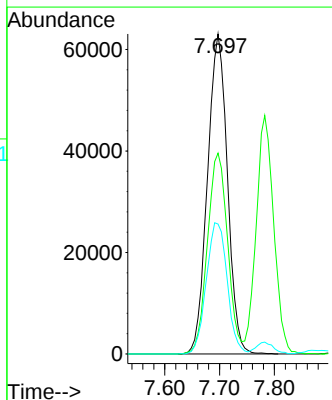
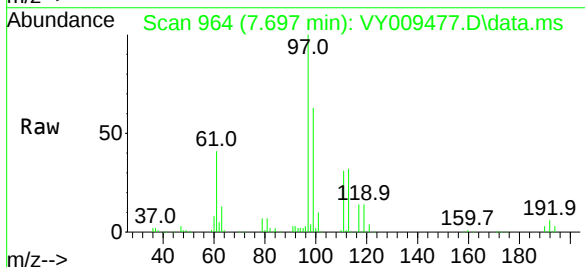


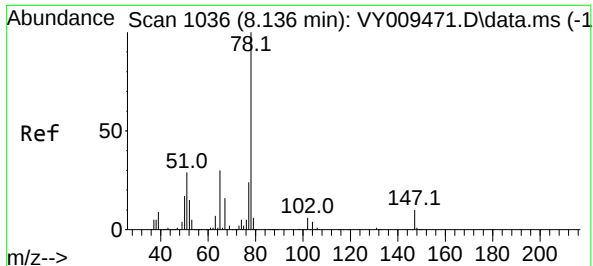
Tgt Ion: 56 Resp: 165298
Ion Ratio Lower Upper
56 100
69 34.3 26.7 40.1
84 91.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.868 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 97 Resp: 159169
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 43.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.394 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

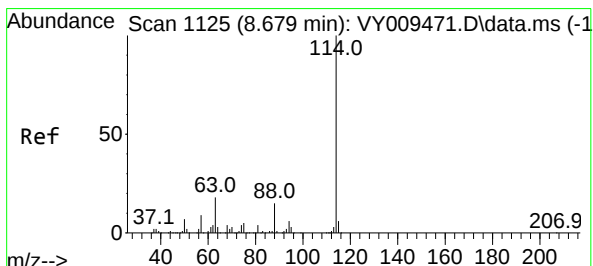
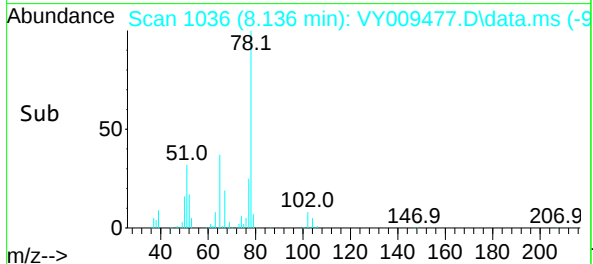
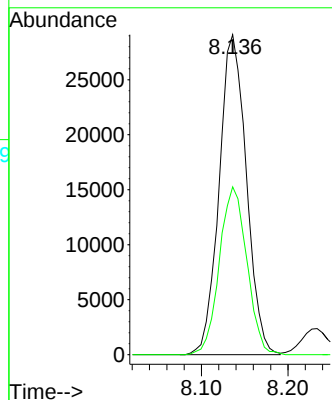
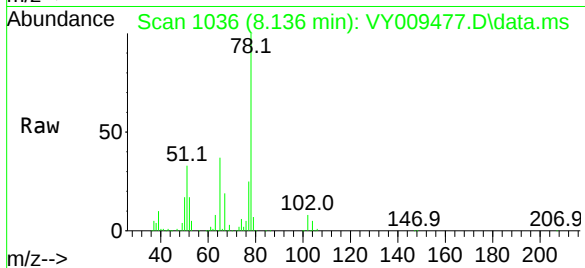
VSTDCCC050

Tgt Ion: 65 Resp: 63506

Ion Ratio Lower Upper

65 100

67 52.9 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: VY009477.D

Acq: 08 Jul 2022 10:28

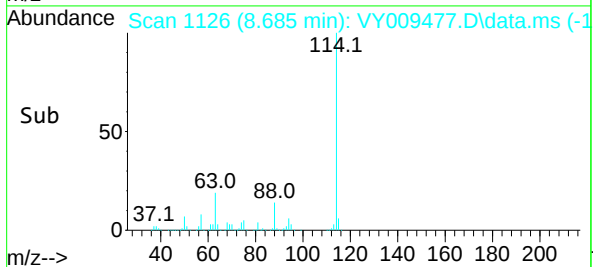
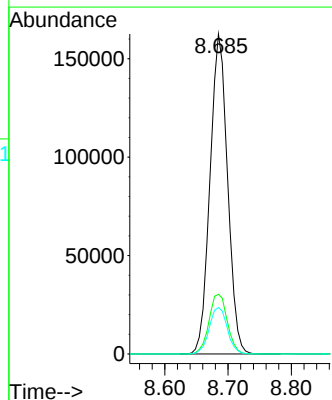
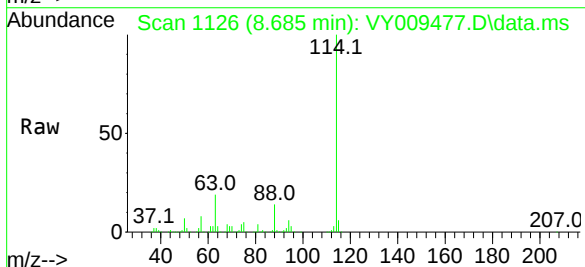
Tgt Ion: 114 Resp: 312980

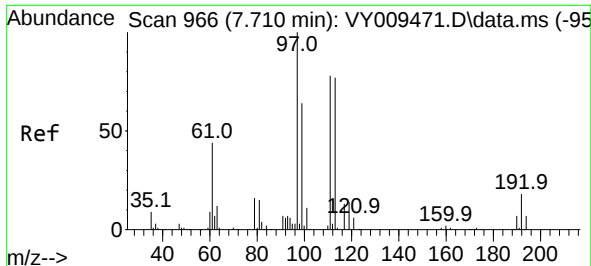
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.5 0.0 31.8

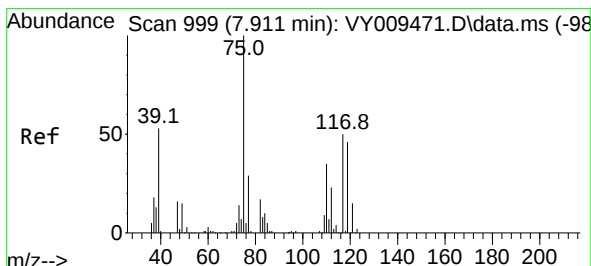
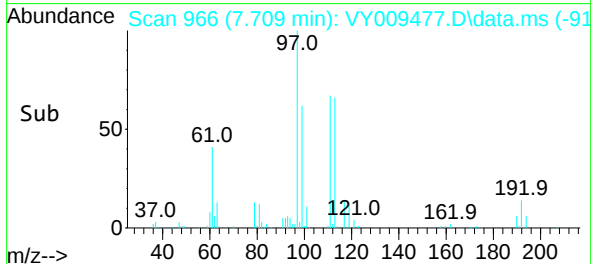
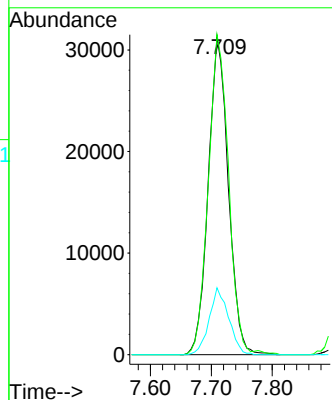
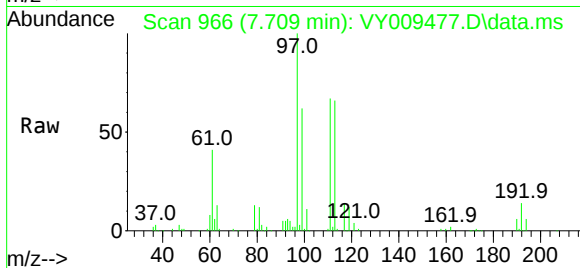




#35
Dibromofluoromethane
Concen: 43.474 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

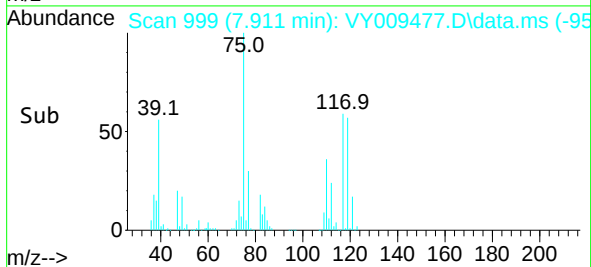
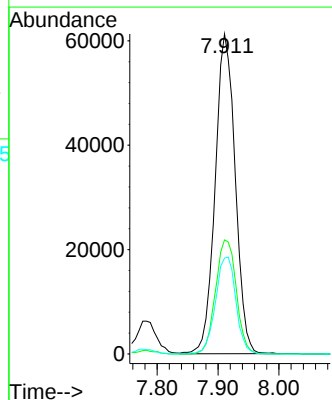
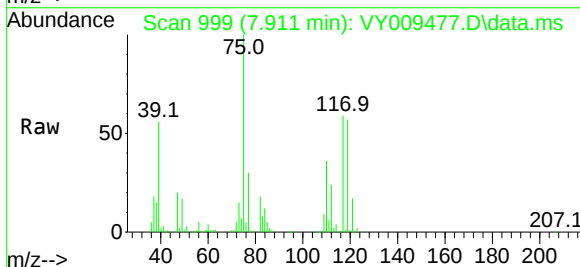
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

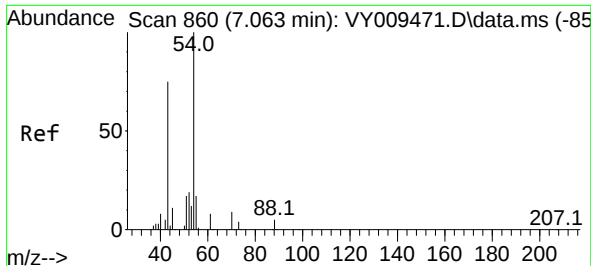
Tgt Ion:113 Resp: 71594
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.220 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 75 Resp: 140005
Ion Ratio Lower Upper
75 100
110 36.8 17.1 51.2
77 30.9 24.4 36.6

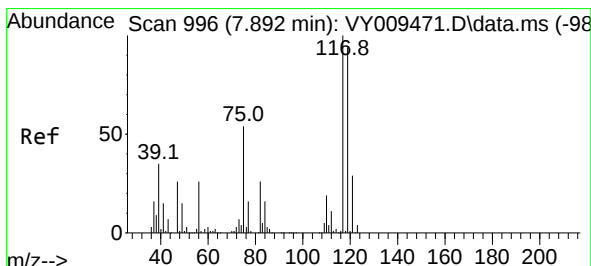
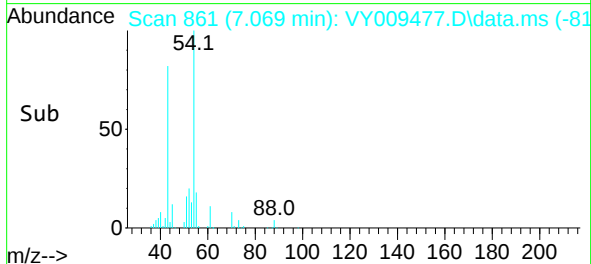
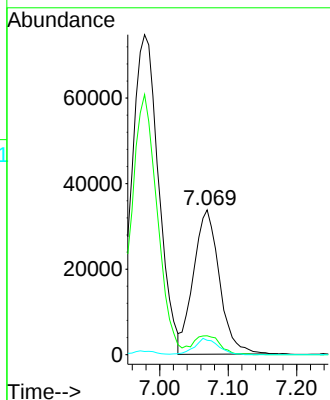
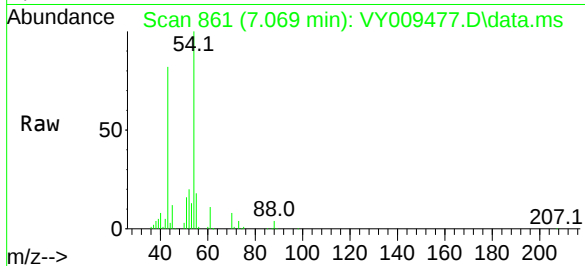




#37
Ethyl Acetate
Concen: 53.130 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

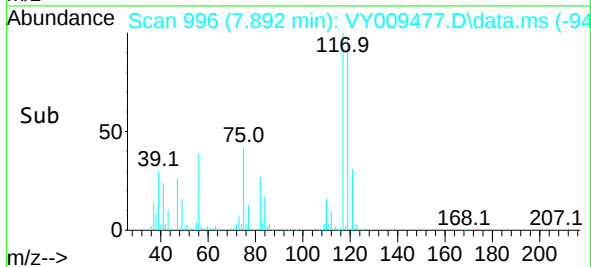
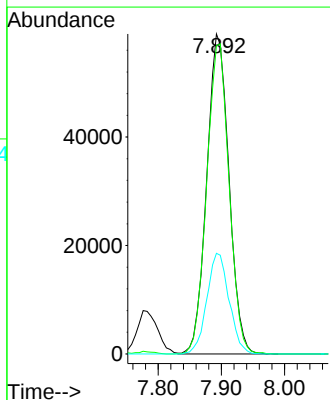
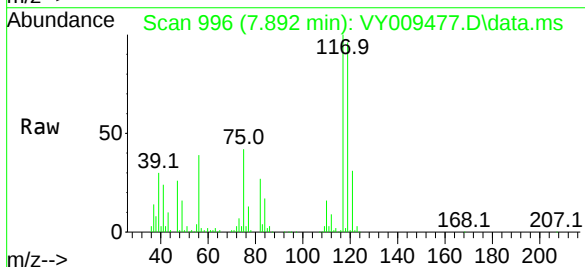
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

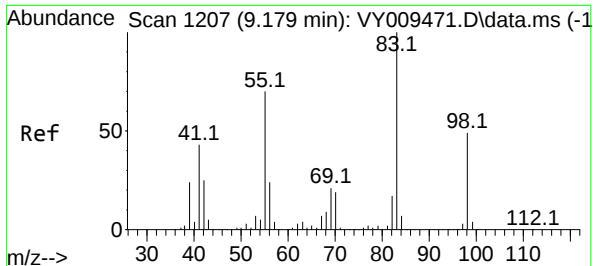
Tgt Ion: 43 Resp: 89290
Ion Ratio Lower Upper
43 100
61 14.1 9.7 14.5
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.271 ug/l
RT: 7.892 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 117 Resp: 144145
Ion Ratio Lower Upper
117 100
119 96.3 77.9 116.9
121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 55.171 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

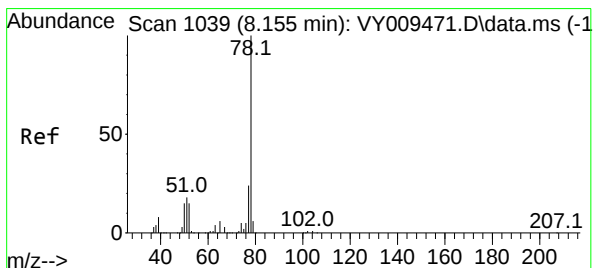
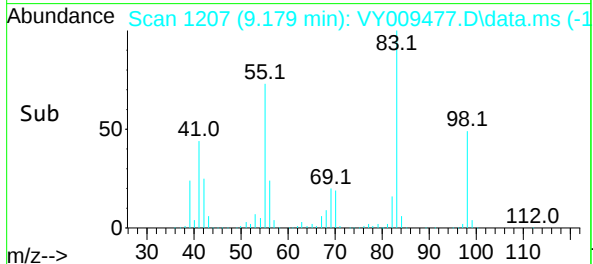
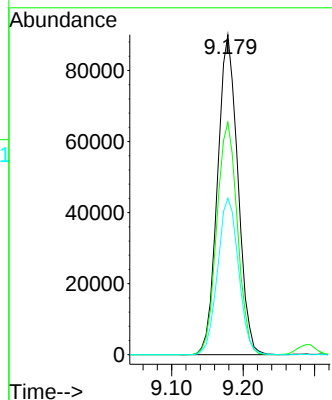
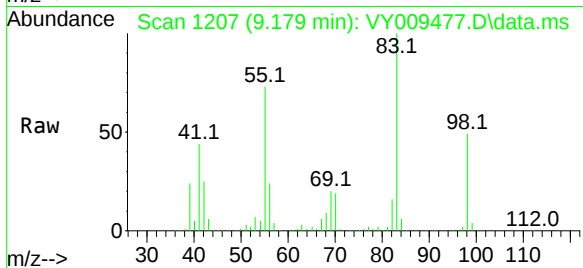
Tgt Ion: 83 Resp: 177555

Ion Ratio Lower Upper

83 100

55 72.6 66.5 99.7

98 48.9 37.9 56.9



#40

Benzene

Concen: 51.952 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.001 min

Lab File: VY009477.D

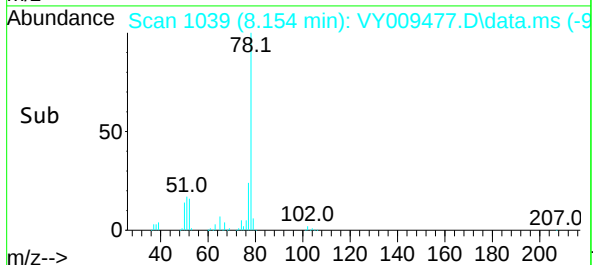
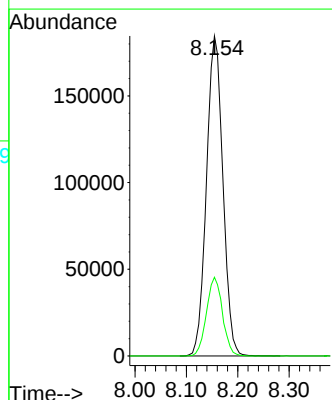
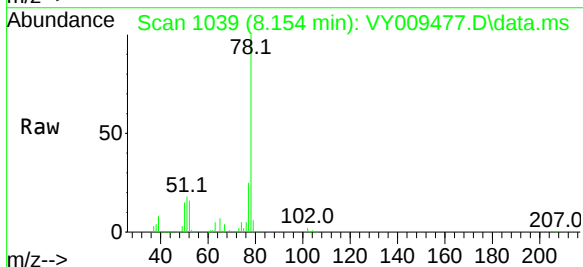
Acq: 08 Jul 2022 10:28

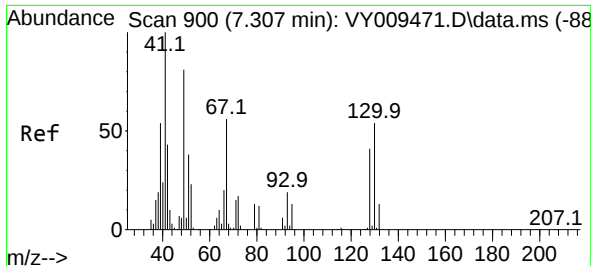
Tgt Ion: 78 Resp: 409007

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6

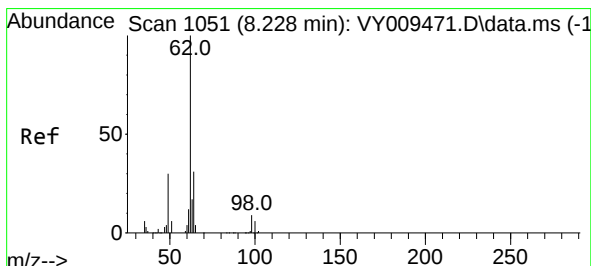
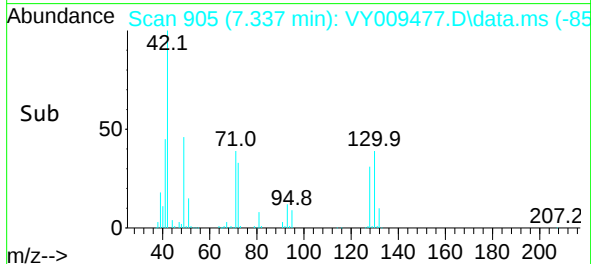
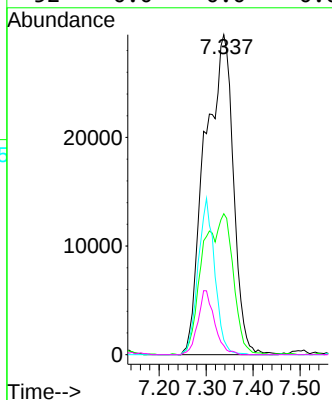
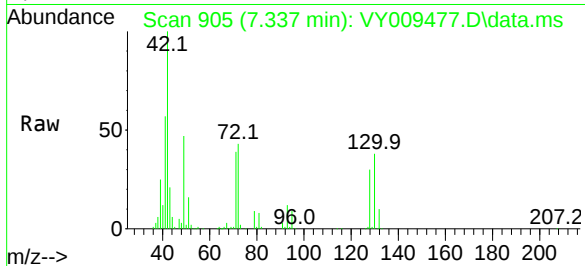




#41
Methacrylonitrile
Concen: 141.439 ug/l
RT: 7.337 min Scan# 905
Delta R.T. 0.030 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

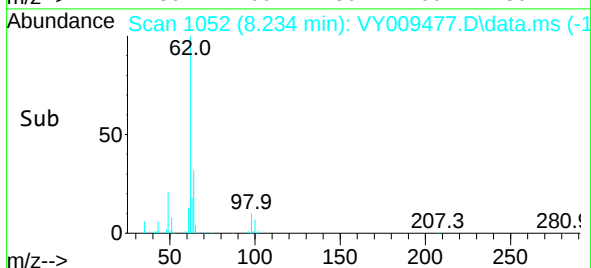
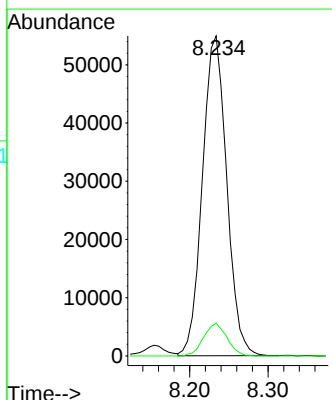
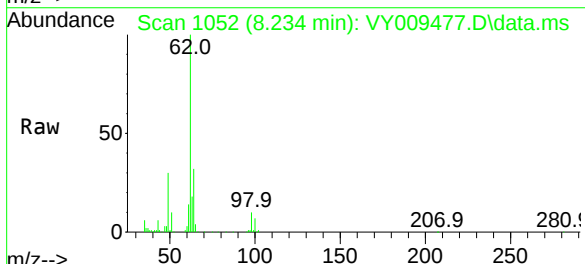
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

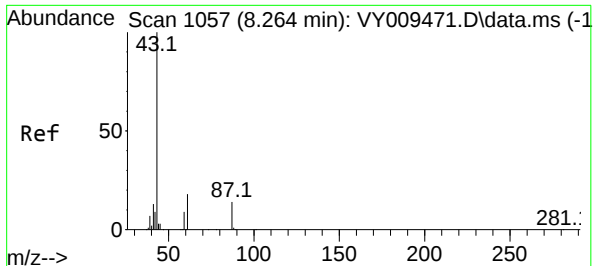
Tgt Ion: 41 Resp: 123428
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.052 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 62 Resp: 118302
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8





#43

Isopropyl Acetate

Concen: 52.725 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

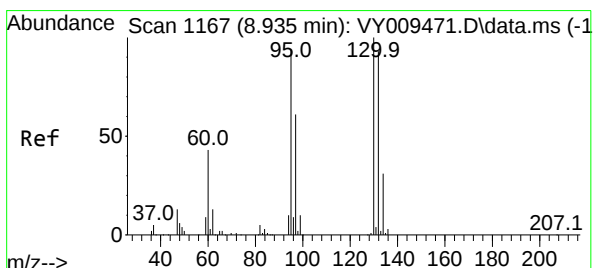
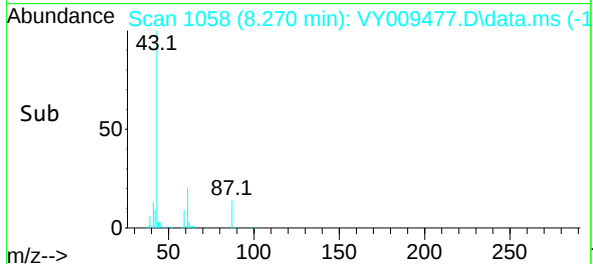
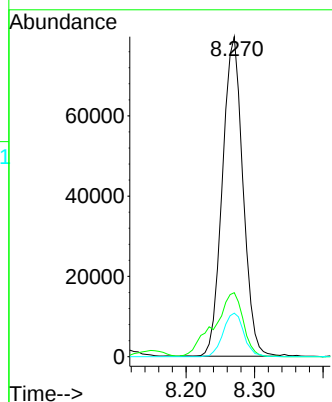
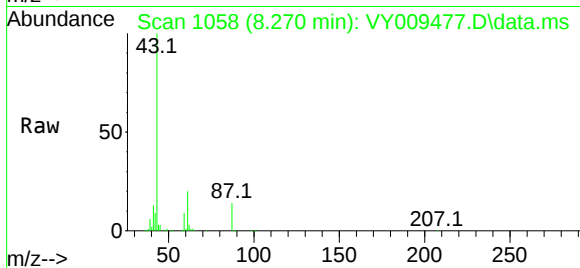
Tgt Ion: 43 Resp: 165329

Ion Ratio Lower Upper

43 100

61 28.3 20.2 30.2

87 13.8 8.9 13.3#



#44

Trichloroethene

Concen: 51.324 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY009477.D

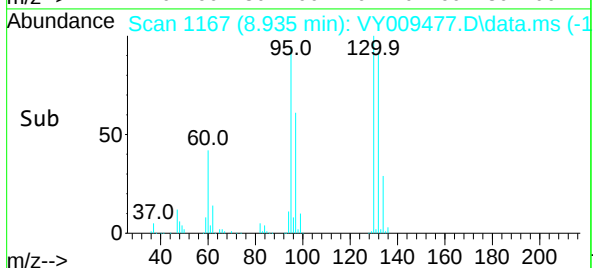
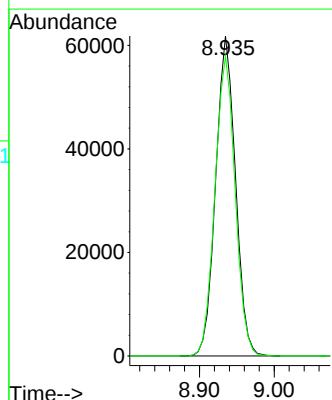
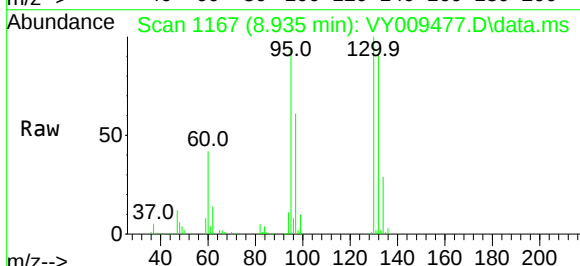
Acq: 08 Jul 2022 10:28

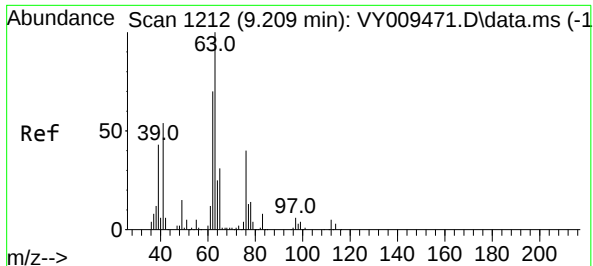
Tgt Ion:130 Resp: 114146

Ion Ratio Lower Upper

130 100

95 93.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.219 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

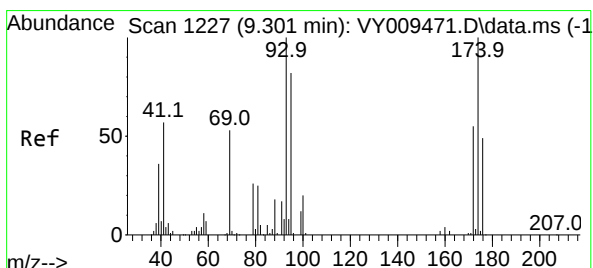
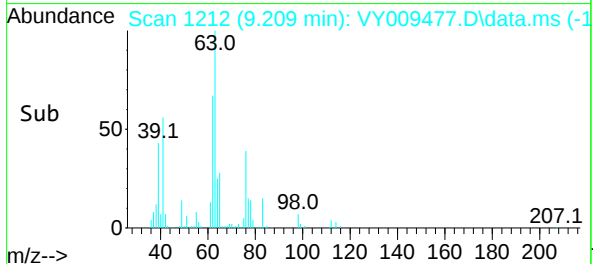
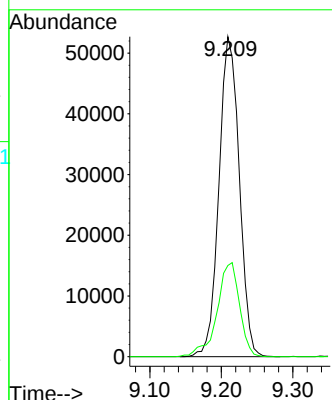
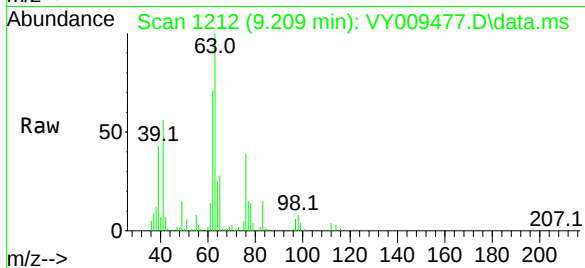
VSTDCCC050

Tgt Ion: 63 Resp: 104041

Ion Ratio Lower Upper

63 100

65 28.5 23.0 34.6



#46

Dibromomethane

Concen: 52.859 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

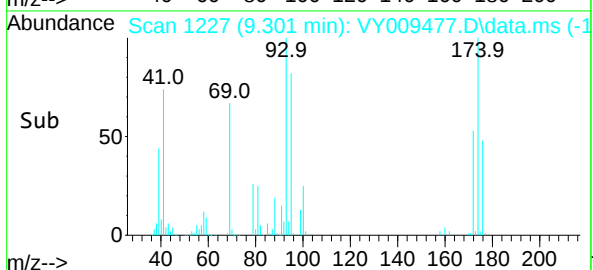
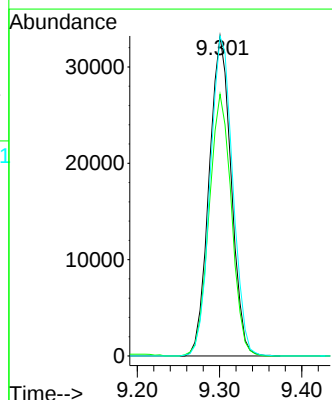
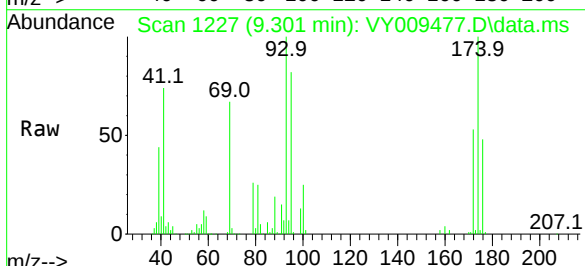
Tgt Ion: 93 Resp: 61813

Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

174 102.0 83.4 125.0





#47

Bromodichloromethane

Concen: 49.923 ug/l

RT: 9.489 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

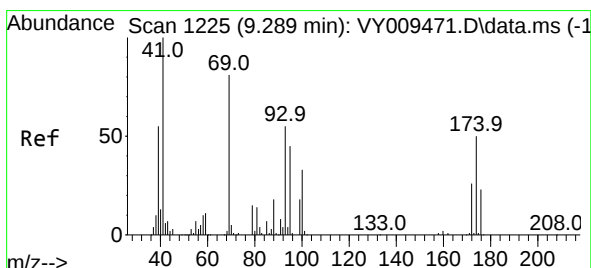
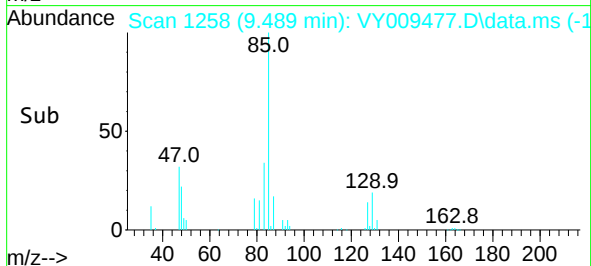
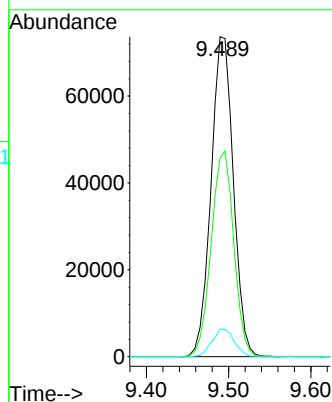
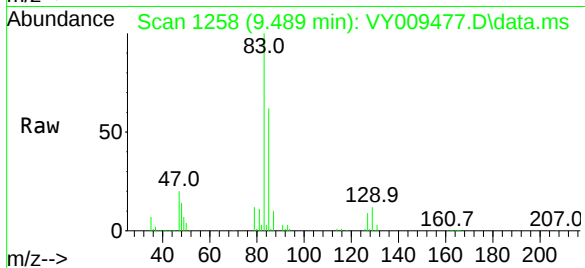
Tgt Ion: 83 Resp: 138951

Ion Ratio Lower Upper

83 100

85 62.1 51.9 77.9

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 56.460 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.001 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

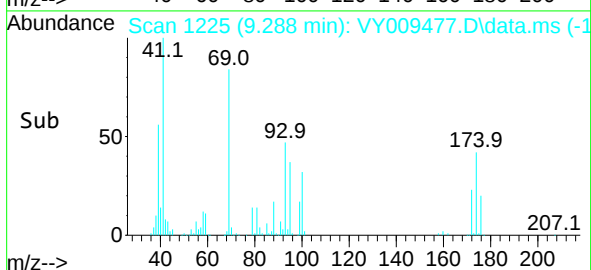
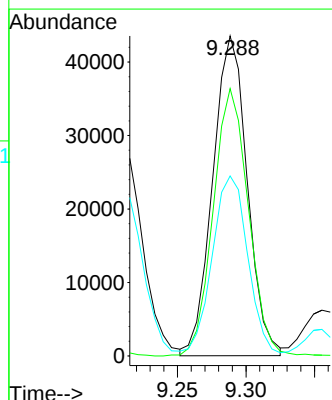
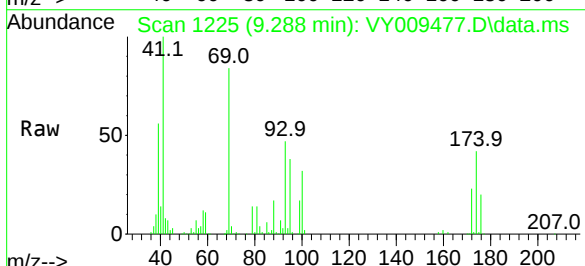
Tgt Ion: 41 Resp: 76278

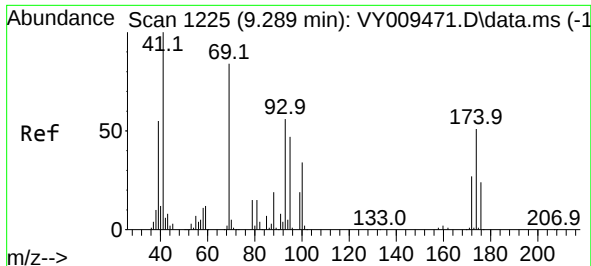
Ion Ratio Lower Upper

41 100

69 85.3 58.2 87.2

39 56.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1068.051 ug/l

RT: 9.294 min Scan# 1

Delta R.T. 0.005 min

Lab File: VY009477.D

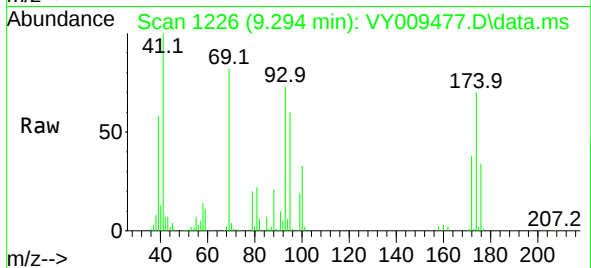
Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



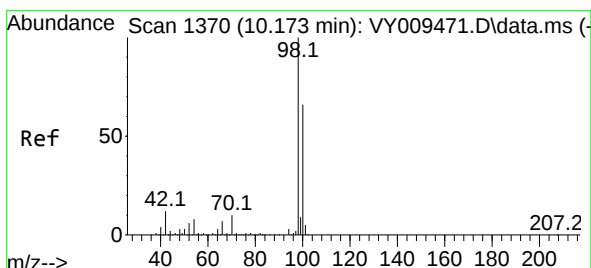
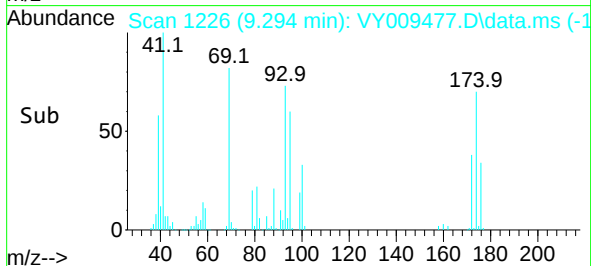
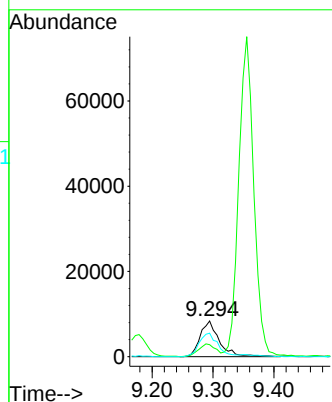
Tgt Ion: 88 Resp: 18393

Ion Ratio Lower Upper

88 100

43 32.0 32.8 49.2#

58 64.6 59.8 89.6



#50

Toluene-d8

Concen: 45.223 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. 0.005 min

Lab File: VY009477.D

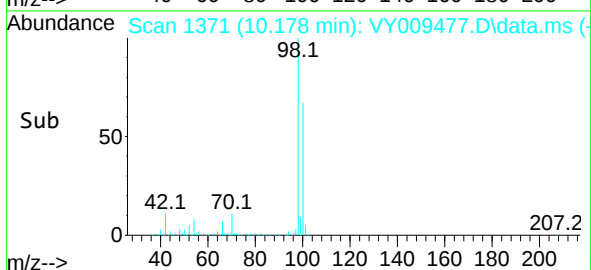
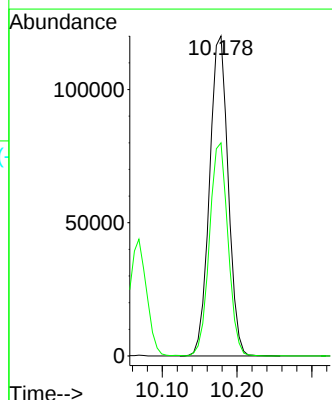
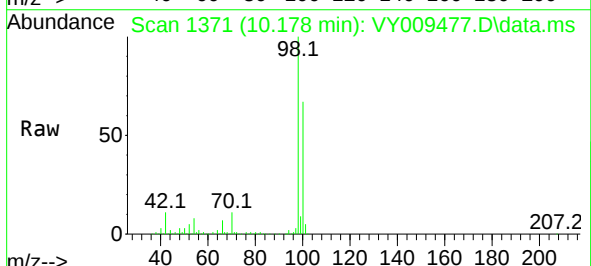
Acq: 08 Jul 2022 10:28

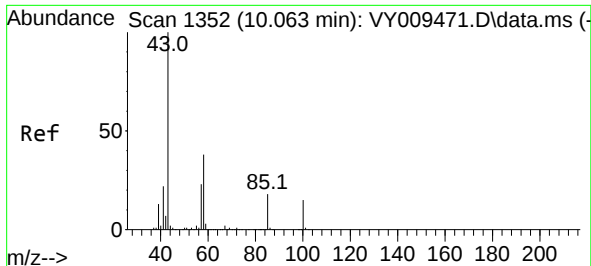
Tgt Ion: 98 Resp: 207693

Ion Ratio Lower Upper

98 100

100 66.3 50.2 75.2

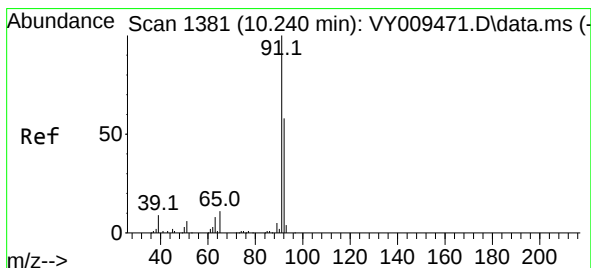
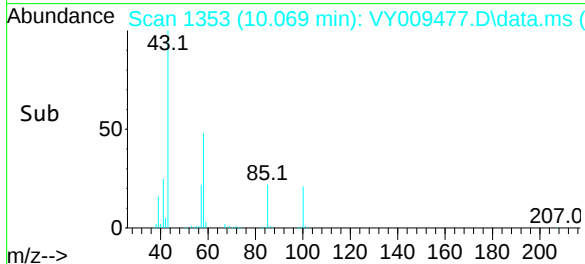
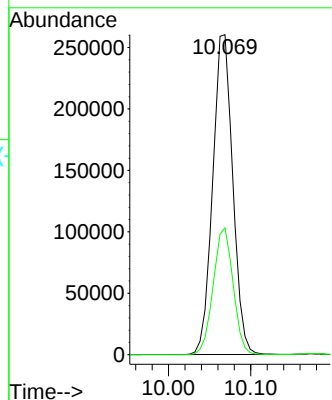
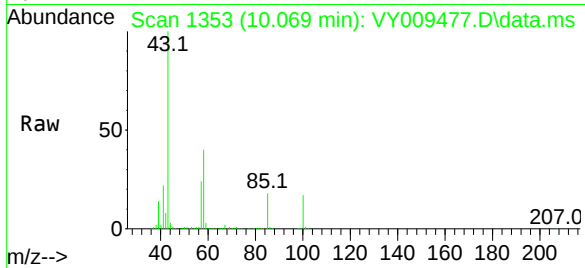




#51
4-Methyl-2-Pentanone
Concen: 267.811 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

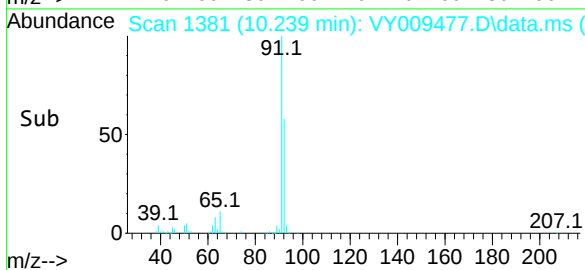
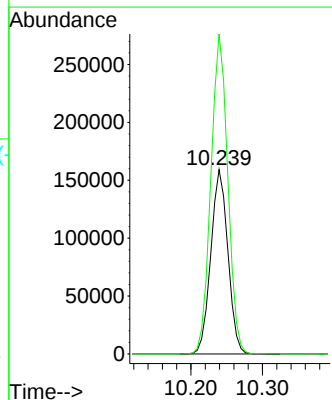
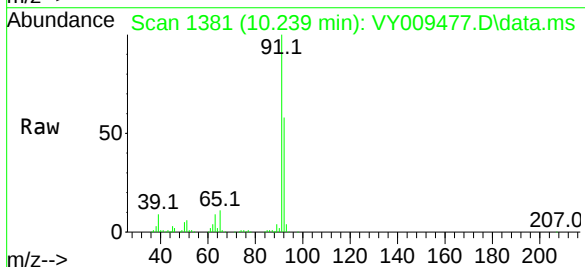
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

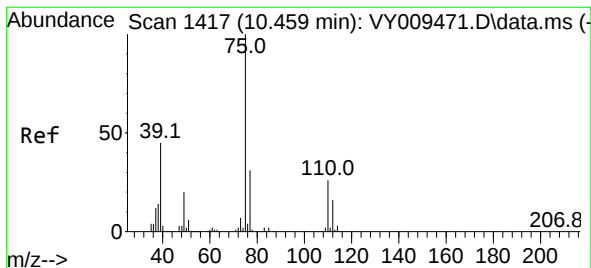
Tgt Ion: 43 Resp: 441632
Ion Ratio Lower Upper
43 100
58 39.4 28.1 42.1



#52
Toluene
Concen: 52.523 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 92 Resp: 263501
Ion Ratio Lower Upper
92 100
91 172.2 142.6 213.8

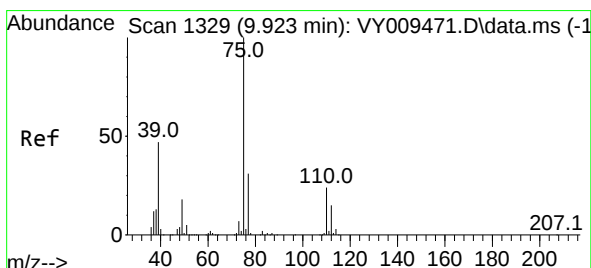
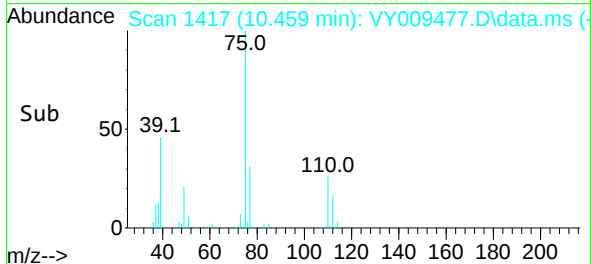
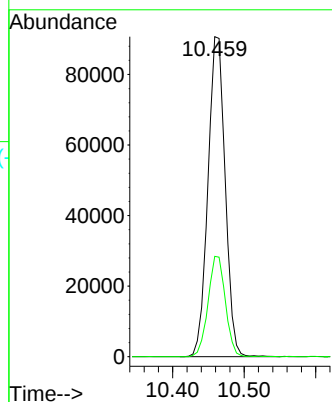
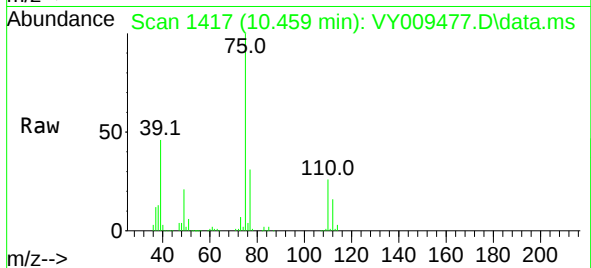




#53
t-1,3-Dichloropropene
Concen: 51.752 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

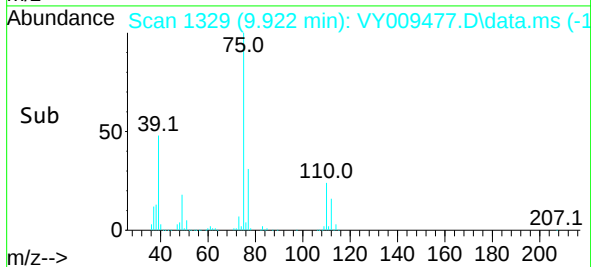
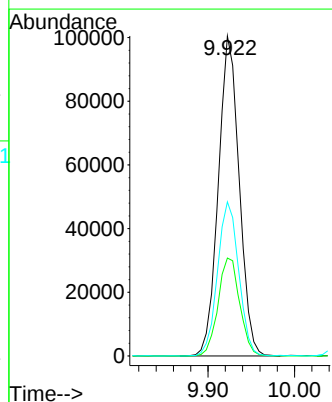
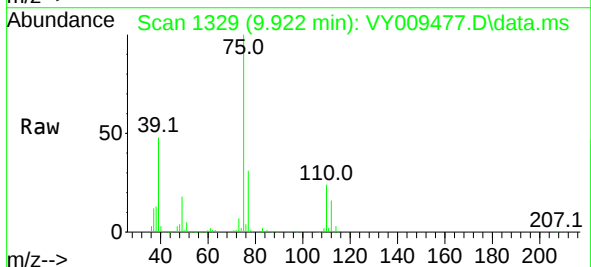
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

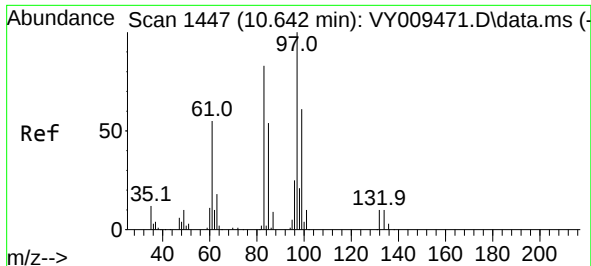
Tgt Ion: 75 Resp: 151795
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.431 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 75 Resp: 168209
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
39 48.2 47.6 71.4

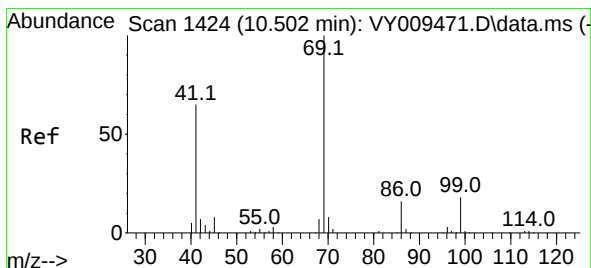
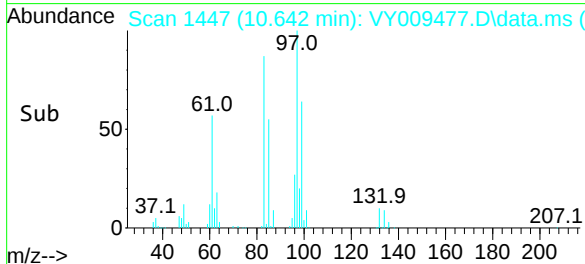
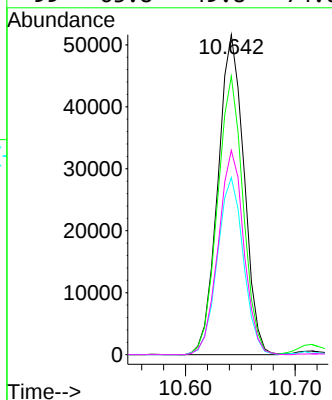
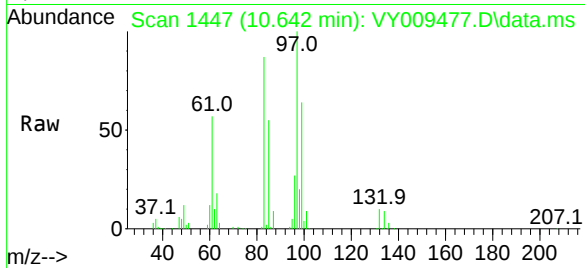




#55
 1,1,2-Trichloroethane
 Concen: 50.606 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: VY009477.D
 Acq: 08 Jul 2022 10:28

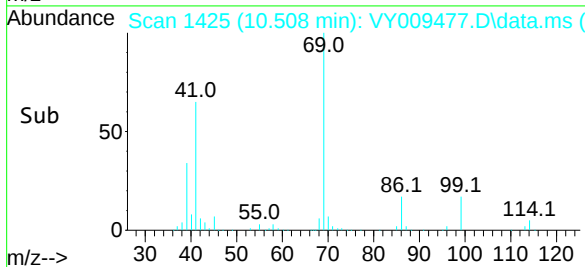
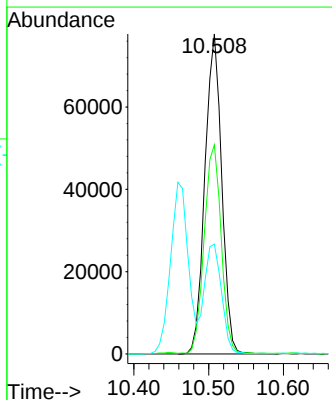
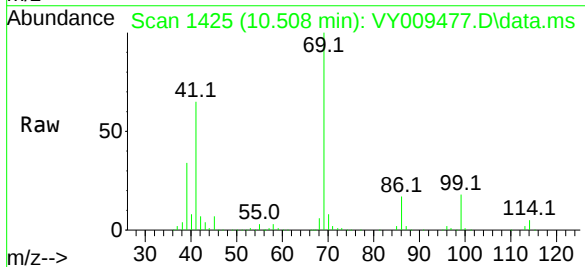
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

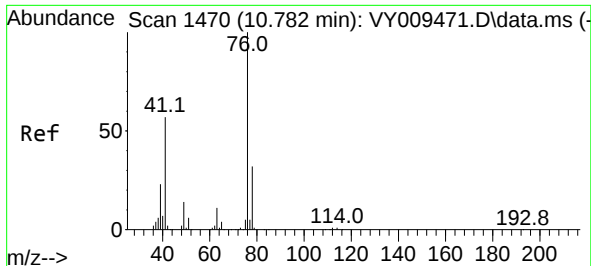
Tgt Ion: 97	Resp: 85371
Ion Ratio	Lower Upper
97 100	
83 87.0	69.8 104.8
85 55.4	44.3 66.5
99 63.8	49.8 74.6



#56
 Ethyl methacrylate
 Concen: 54.086 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VY009477.D
 Acq: 08 Jul 2022 10:28

Tgt Ion: 69	Resp: 121137
Ion Ratio	Lower Upper
69 100	
41 65.7	63.4 95.0
39 35.3	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.735 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

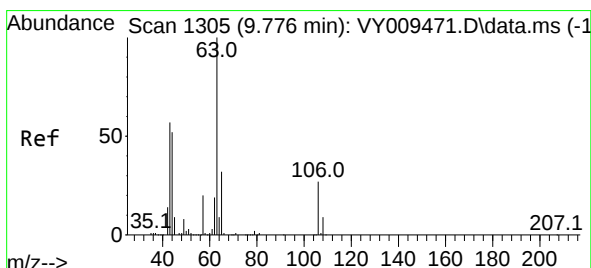
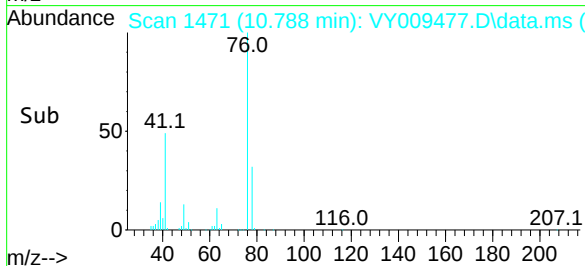
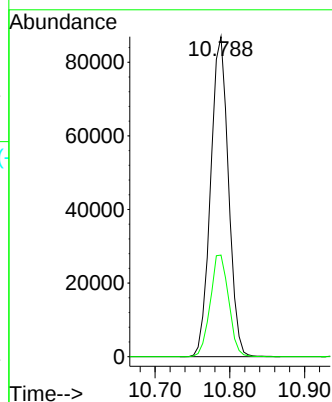
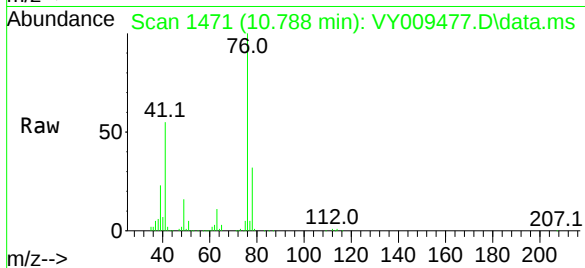
VSTDCCC050

Tgt Ion: 76 Resp: 143877

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 273.231 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009477.D

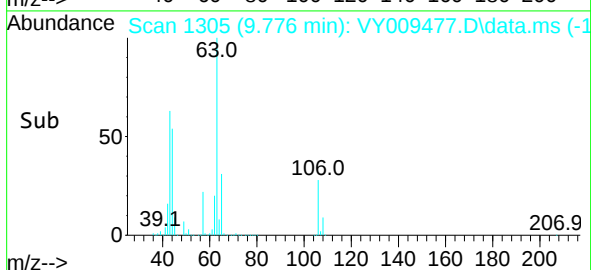
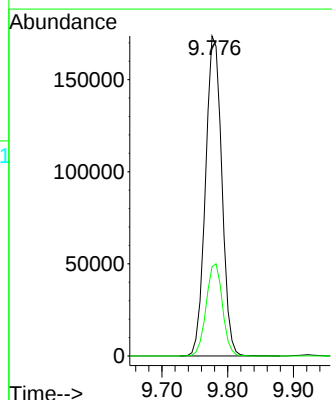
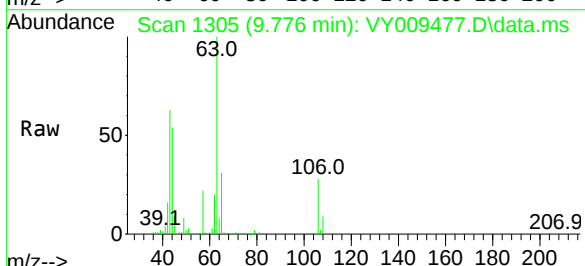
Acq: 08 Jul 2022 10:28

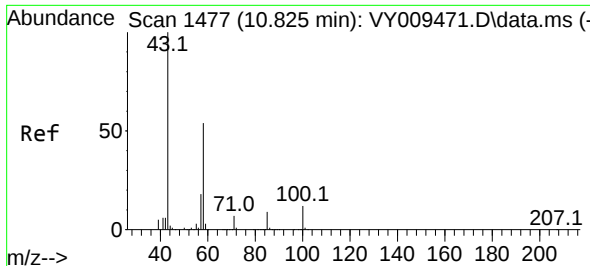
Tgt Ion: 63 Resp: 298947

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

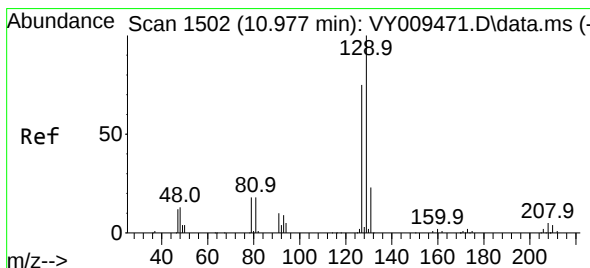
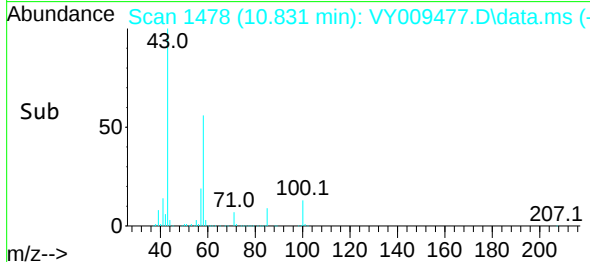
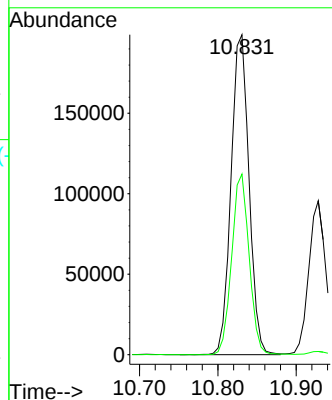
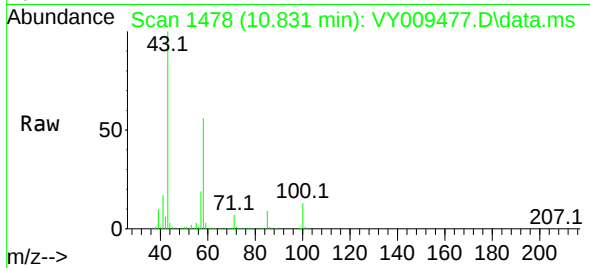




#59
2-Hexanone
Concen: 276.630 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

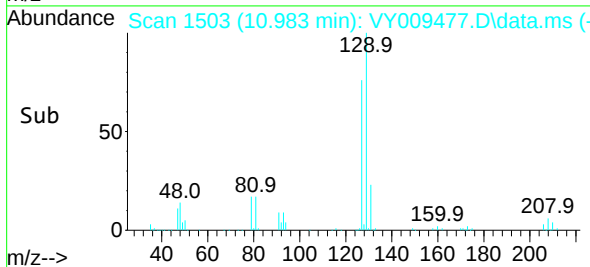
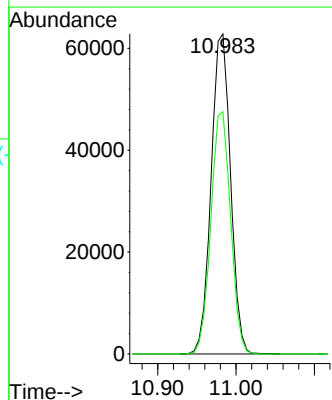
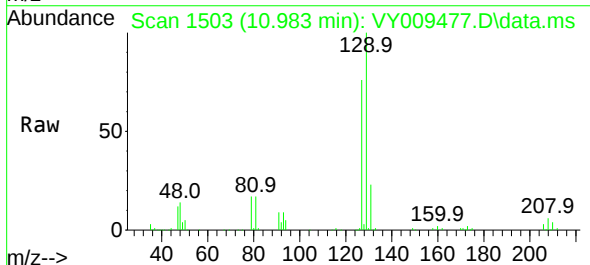
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

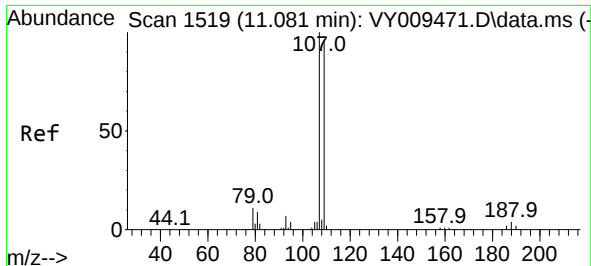
Tgt Ion: 43 Resp: 316099
Ion Ratio Lower Upper
43 100
58 55.0 24.4 73.4



#60
Dibromochloromethane
Concen: 52.959 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 129 Resp: 108190
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

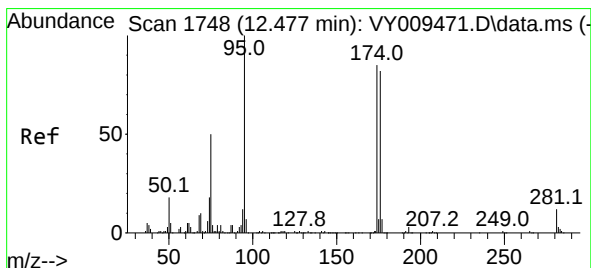
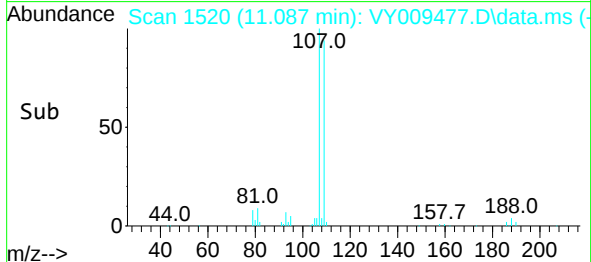
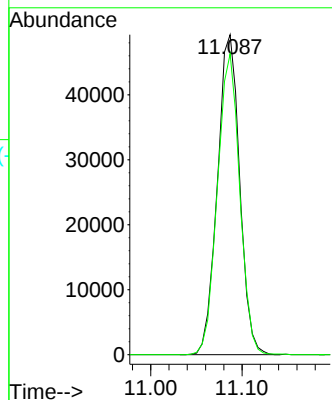
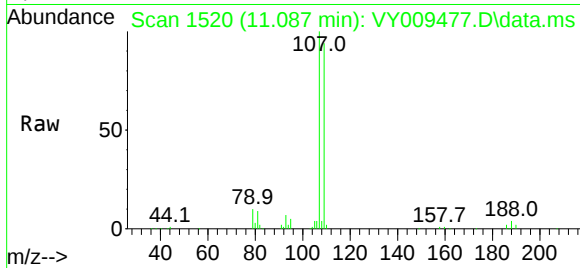




#61
1,2-Dibromoethane
Concen: 51.498 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

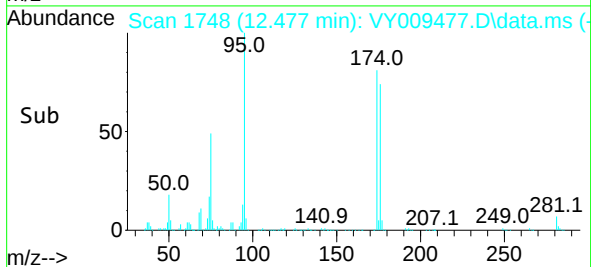
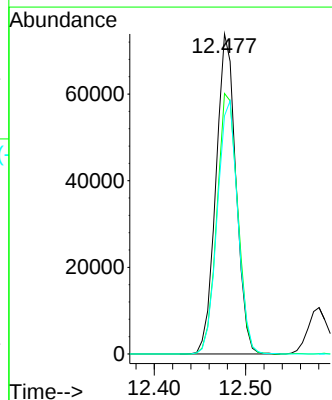
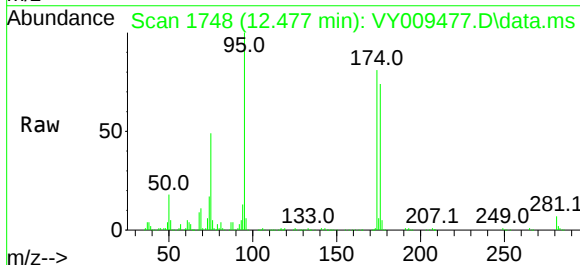
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

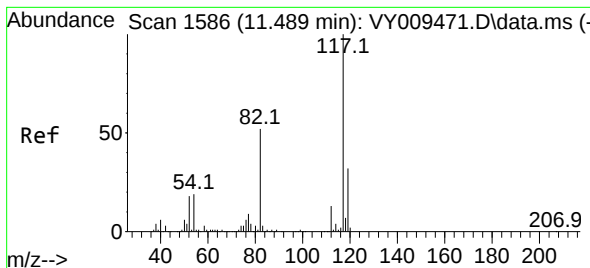
Tgt Ion:107 Resp: 83286
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.231 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 95 Resp: 112119
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

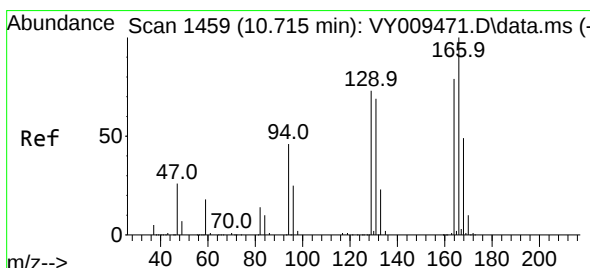
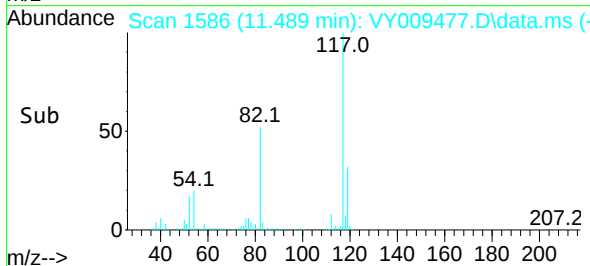
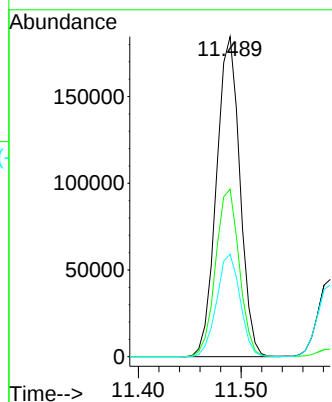
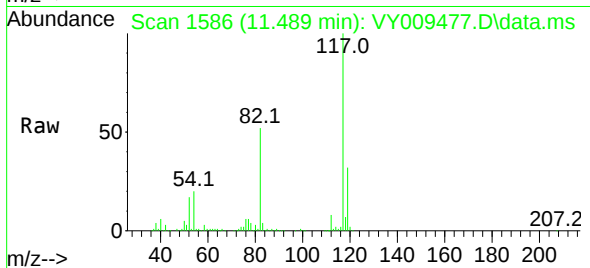
Tgt Ion:117 Resp: 292223

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 50.433 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Tgt Ion:164 Resp: 123221

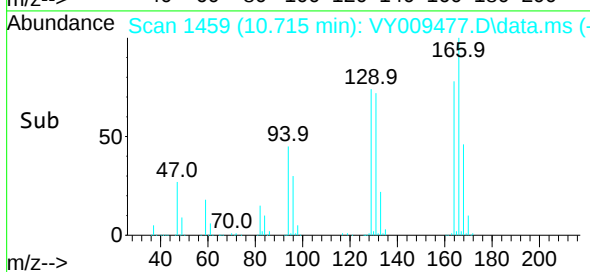
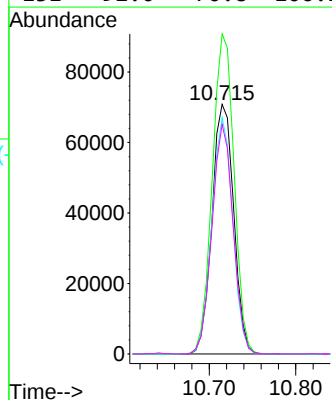
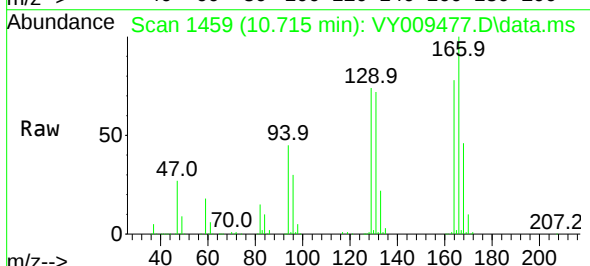
Ion Ratio Lower Upper

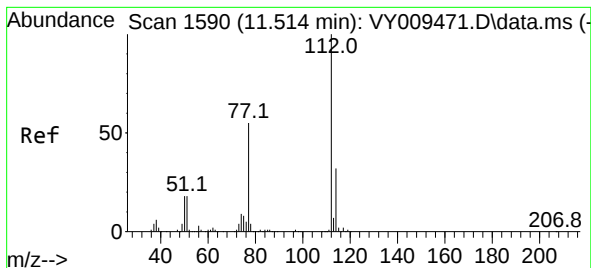
164 100

166 128.2 100.4 150.6

129 94.6 71.4 107.0

131 92.0 70.8 106.2

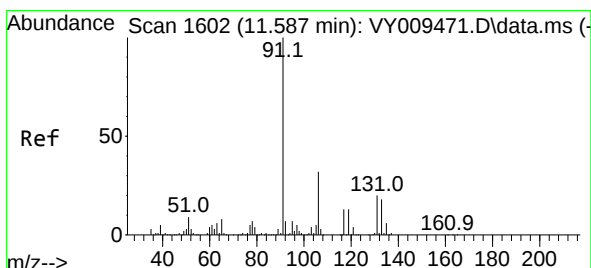
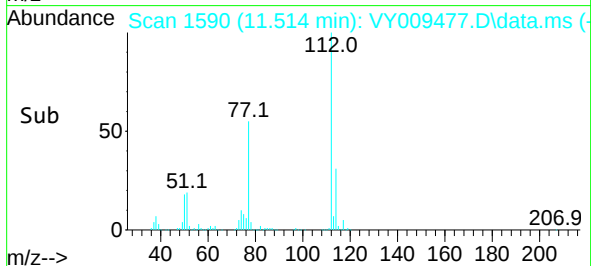
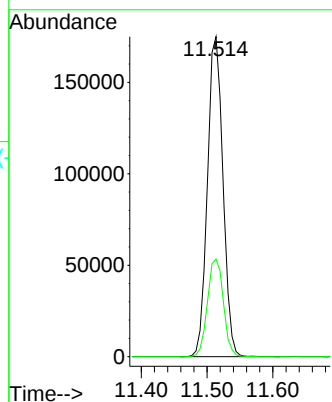
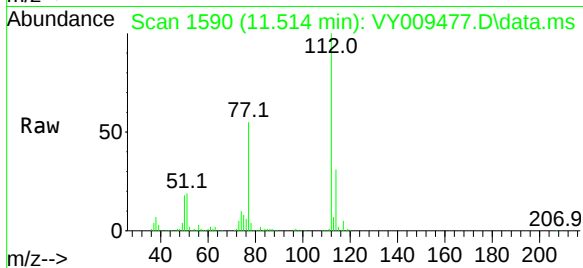




#65
Chlorobenzene
Concen: 50.049 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

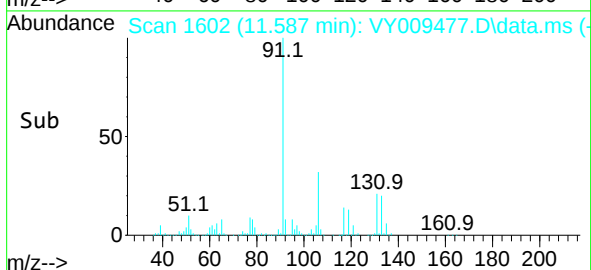
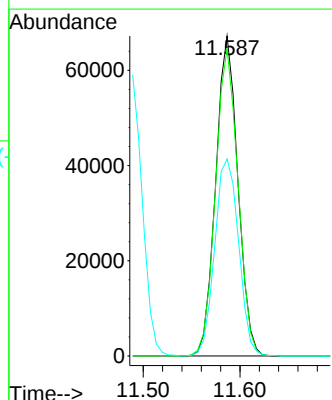
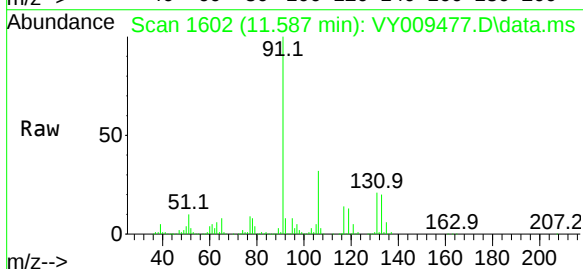
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

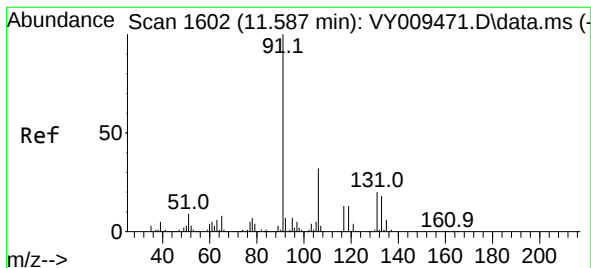
Tgt Ion:112 Resp: 287241
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.478 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion:131 Resp: 106818
Ion Ratio Lower Upper
131 100
133 97.4 47.9 143.6
119 66.4 30.8 92.3





#67

Ethyl Benzene

Concen: 51.534 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

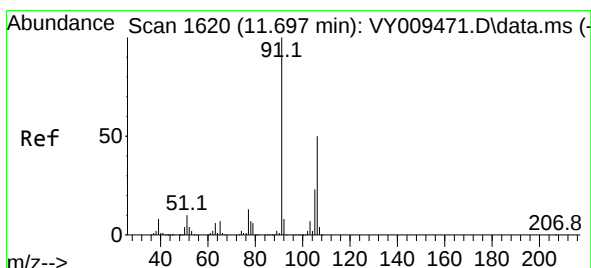
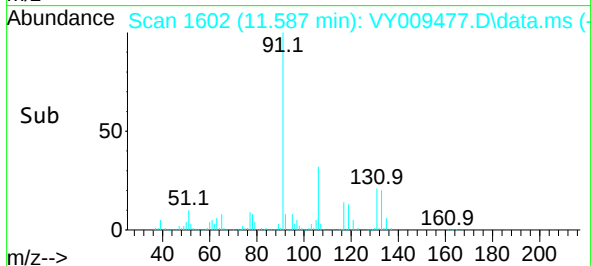
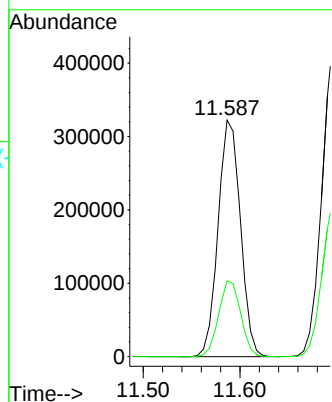
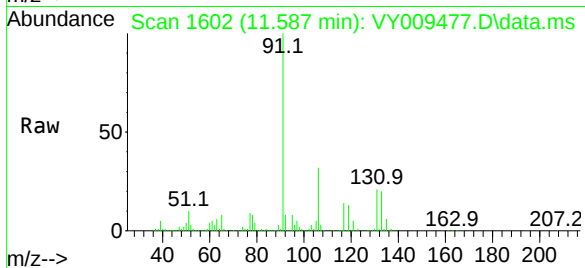
VSTDCCC050

Tgt Ion: 91 Resp: 516346

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 102.962 ug/l

RT: 11.696 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VY009477.D

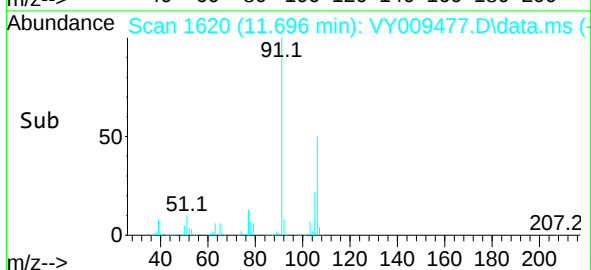
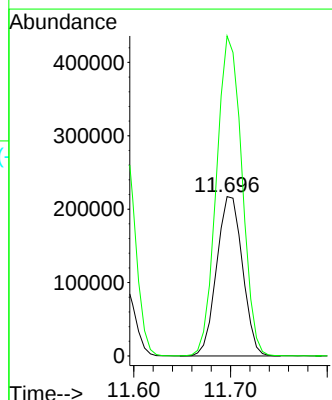
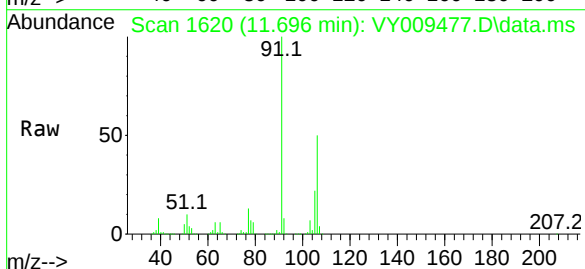
Acq: 08 Jul 2022 10:28

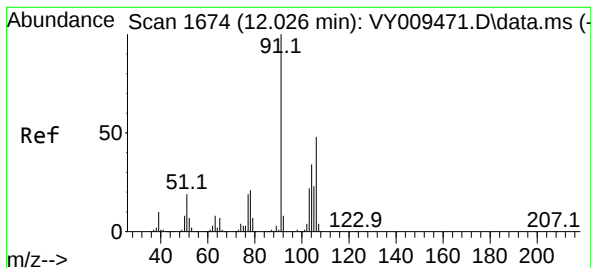
Tgt Ion:106 Resp: 402338

Ion Ratio Lower Upper

106 100

91 197.9 166.6 249.8

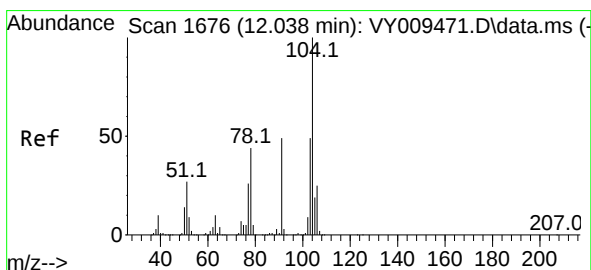
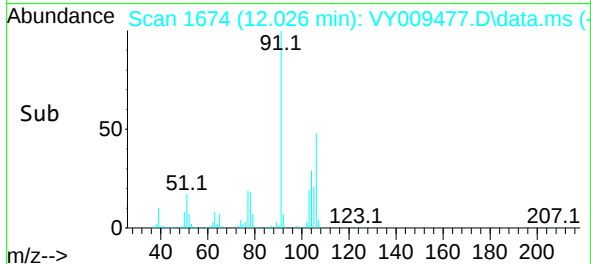
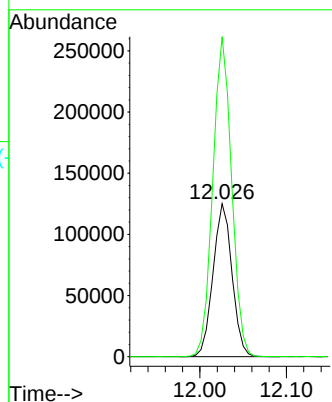
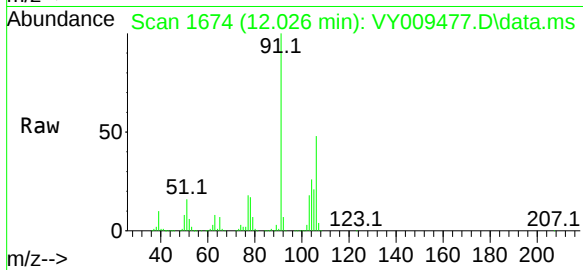




#69
o-Xylene
Concen: 50.720 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

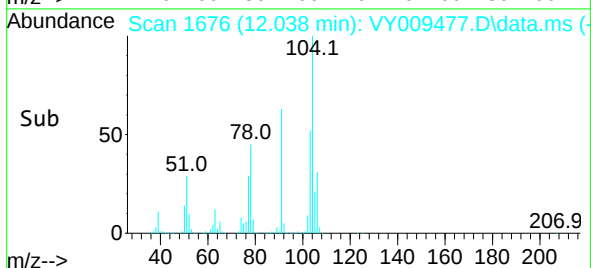
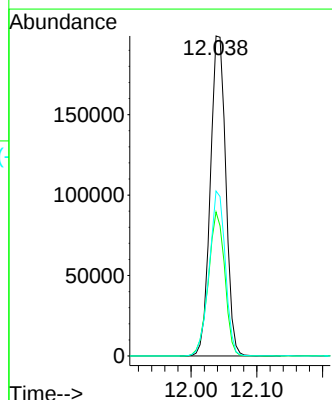
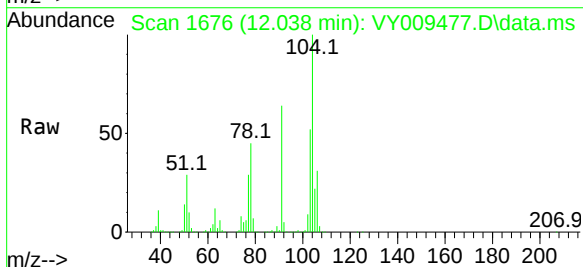
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

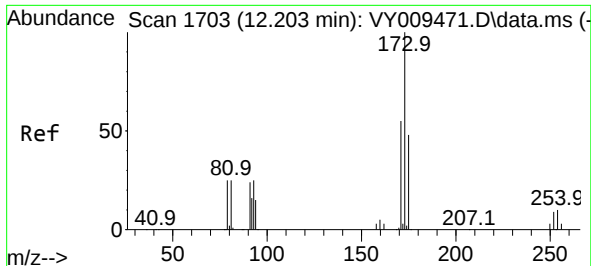
Tgt Ion:106 Resp: 189976
Ion Ratio Lower Upper
106 100
91 208.0 110.3 331.0



#70
Styrene
Concen: 52.043 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion:104 Resp: 325589
Ion Ratio Lower Upper
104 100
78 47.6 42.4 63.6
103 53.9 44.4 66.6

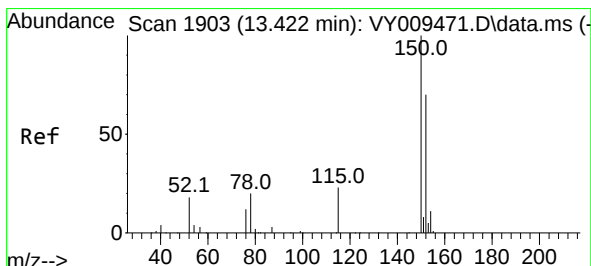
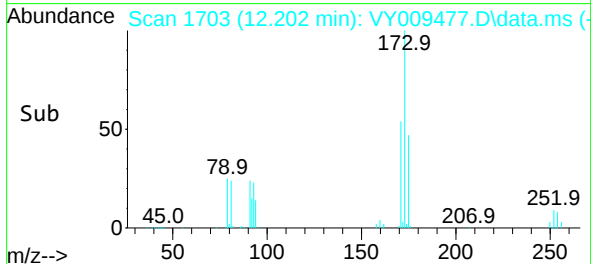
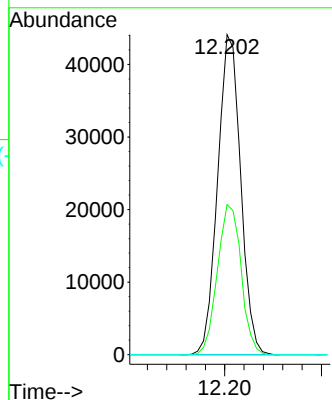
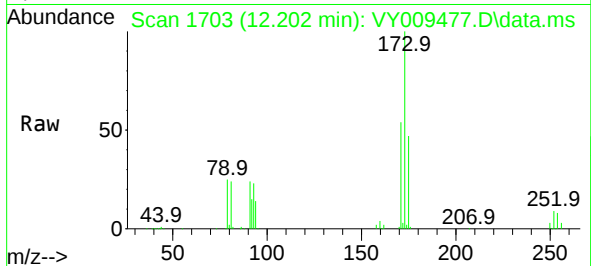




#71
Bromoform
Concen: 52.876 ug/l
RT: 12.202 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

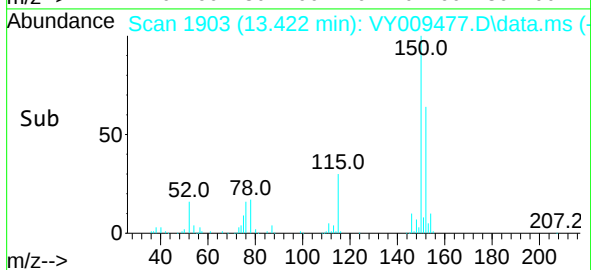
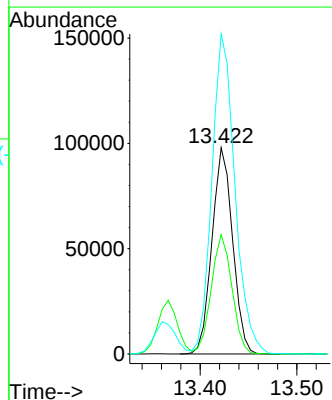
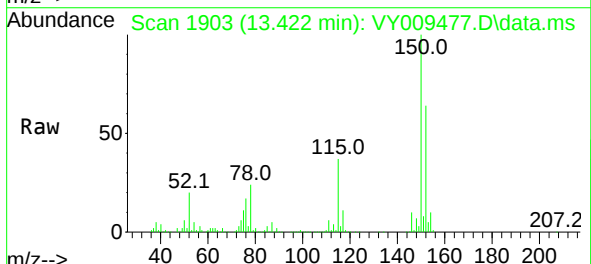
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

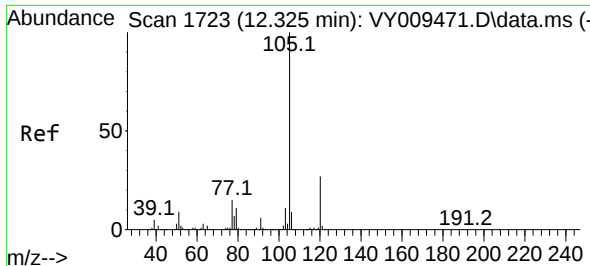
Tgt Ion:173 Resp: 72757
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion:152 Resp: 145350
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 173.0 0.0 347.6

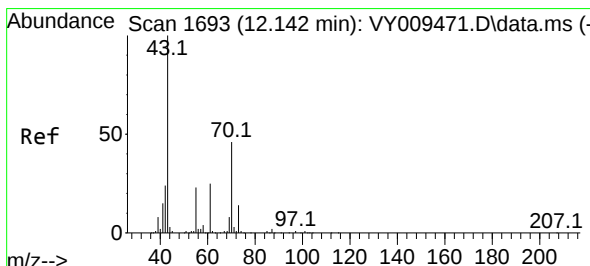
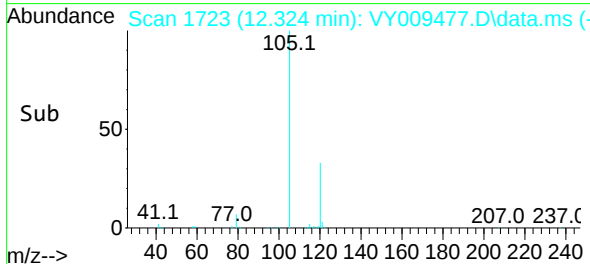
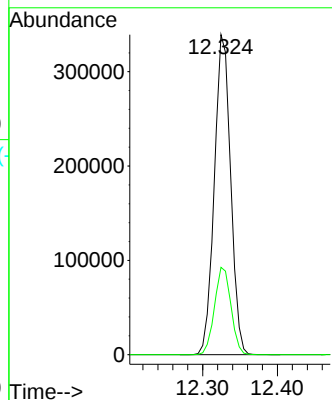
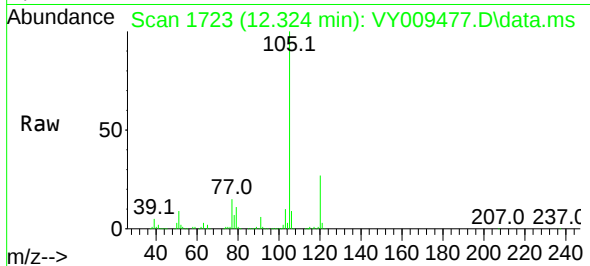




#73
Isopropylbenzene
Concen: 51.710 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

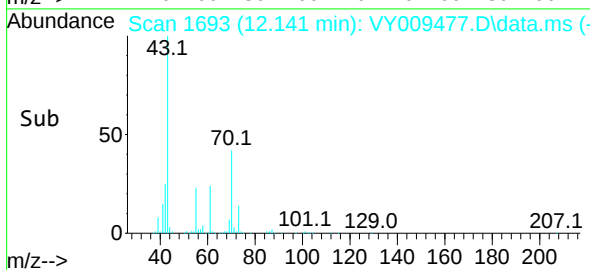
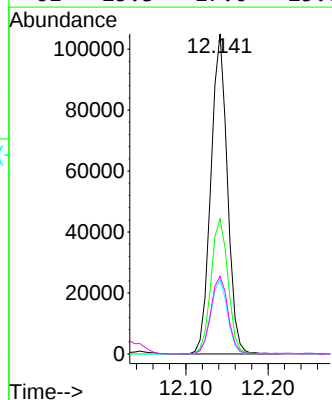
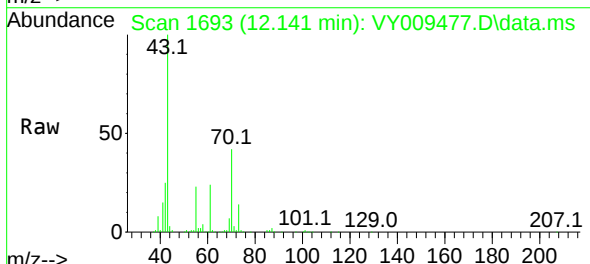
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

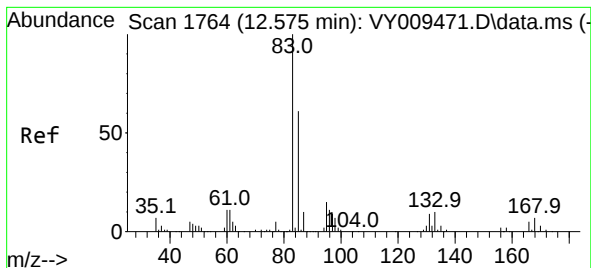
Tgt Ion:105 Resp: 514017
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 51.710 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 43 Resp: 146249
Ion Ratio Lower Upper
43 100
70 43.5 28.7 43.1#
55 23.7 17.3 25.9
61 25.3 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.251 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. 0.005 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

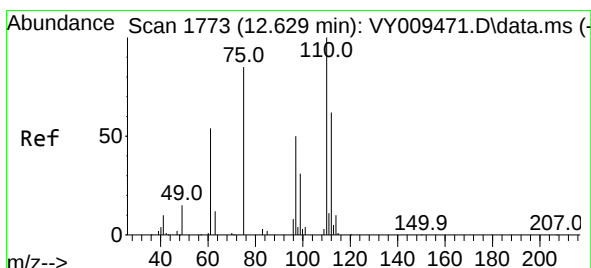
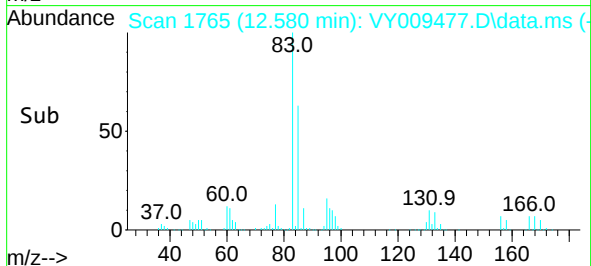
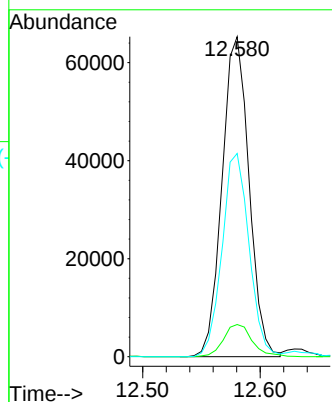
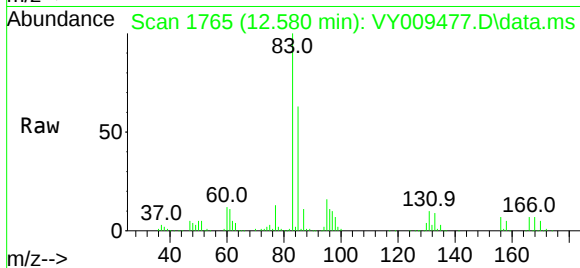
Tgt Ion: 83 Resp: 103997

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

85 63.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 91.149 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY009477.D

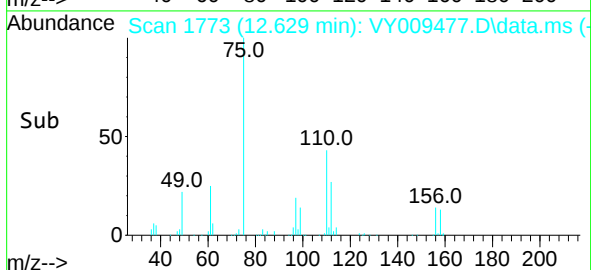
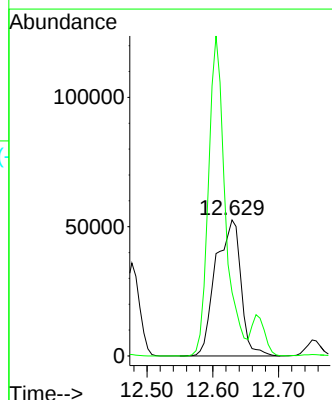
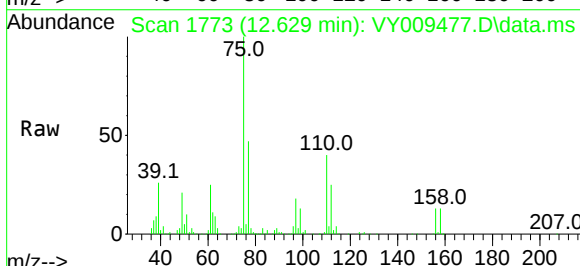
Acq: 08 Jul 2022 10:28

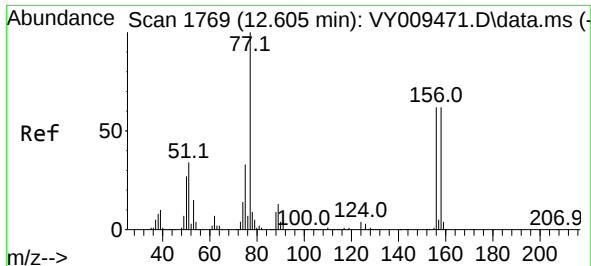
Tgt Ion: 75 Resp: 140246

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

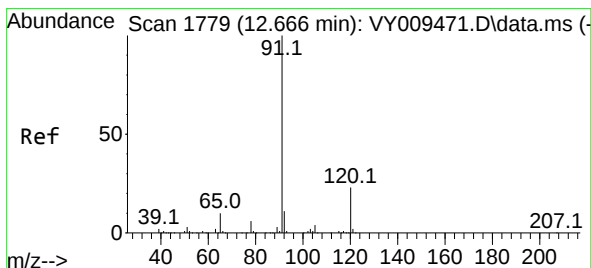
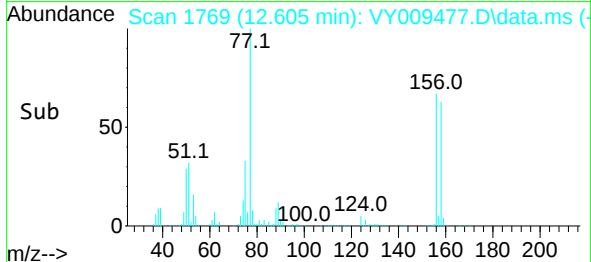
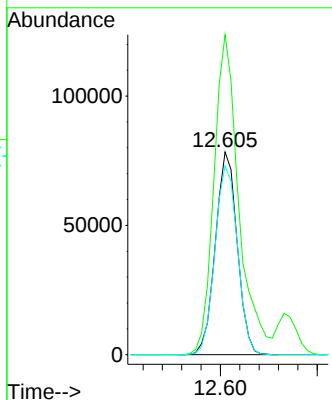
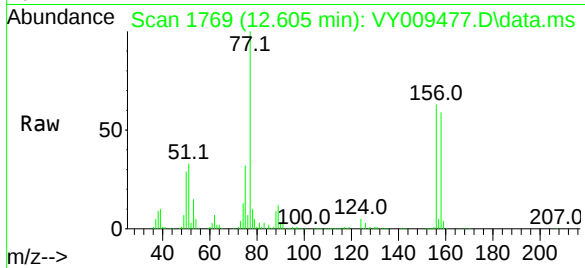




#77
Bromobenzene
Concen: 50.583 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

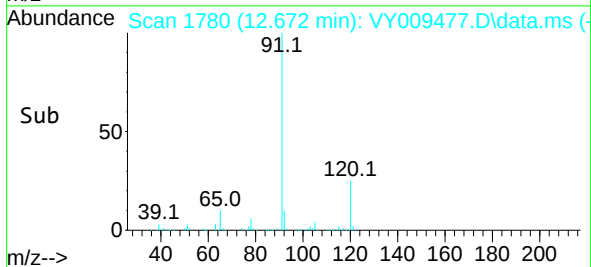
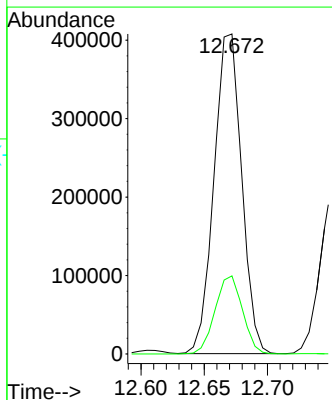
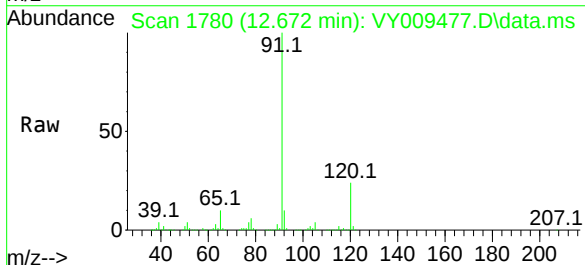
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

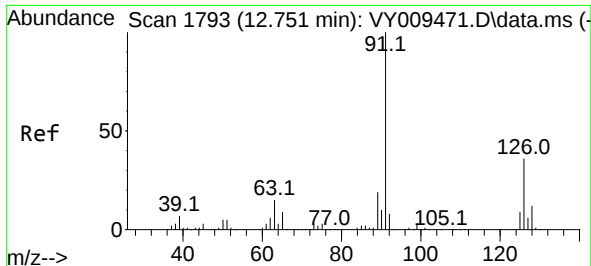
Tgt Ion:156 Resp: 122410
Ion Ratio Lower Upper
156 100
77 180.8 95.5 286.4
158 96.5 48.0 144.0



#78
n-propylbenzene
Concen: 51.571 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 91 Resp: 619339
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9

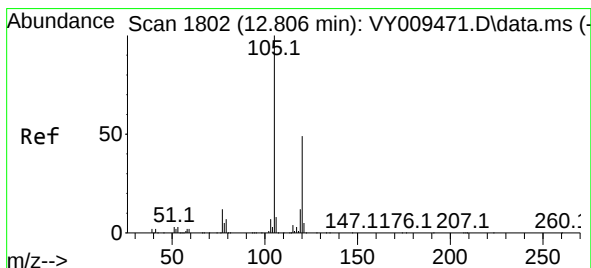
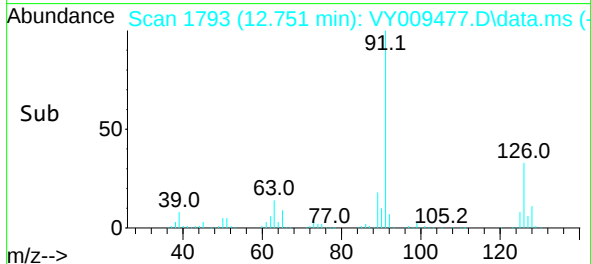
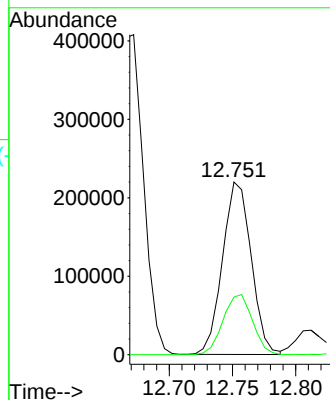
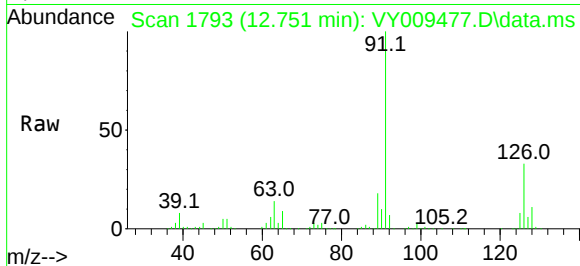




#79
2-Chlorotoluene
Concen: 51.689 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

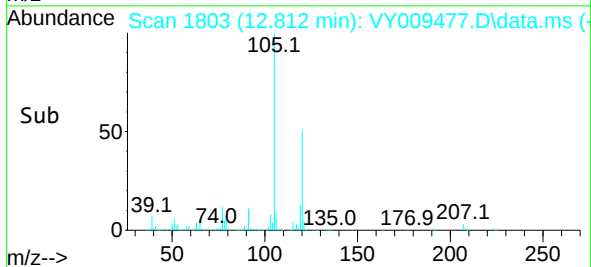
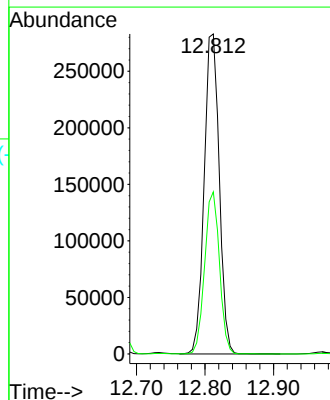
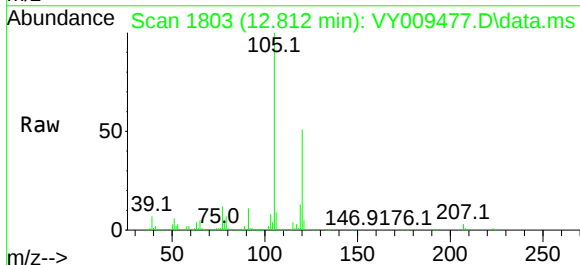
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

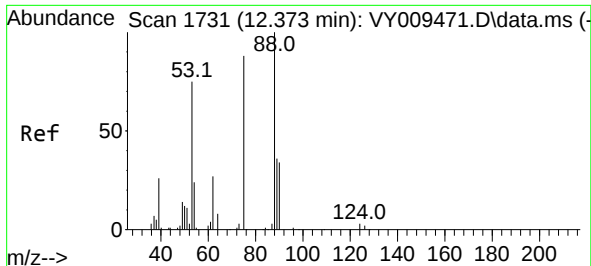
Tgt Ion: 91 Resp: 347532
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 52.118 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 105 Resp: 433045
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

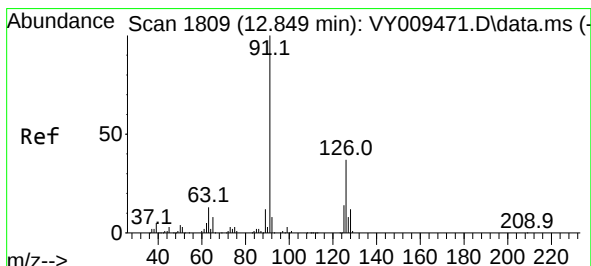
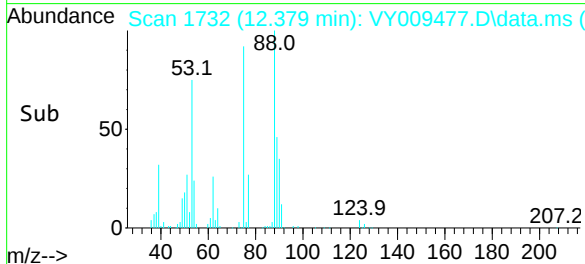
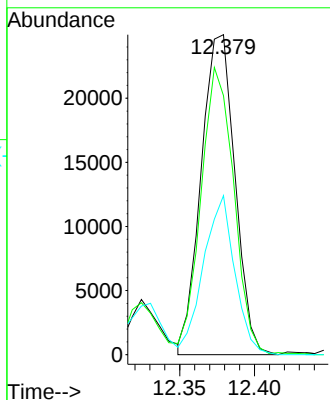
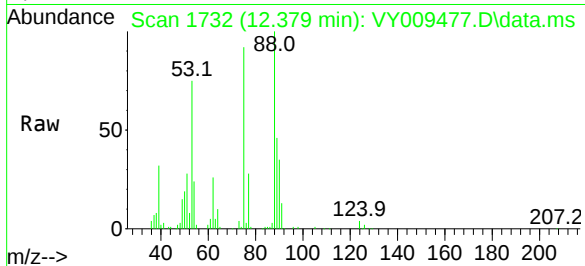




#81
trans-1,4-Dichloro-2-butene
Concen: 52.271 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

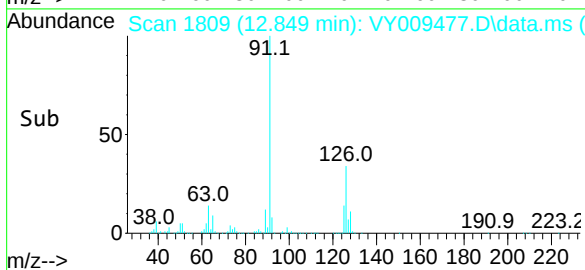
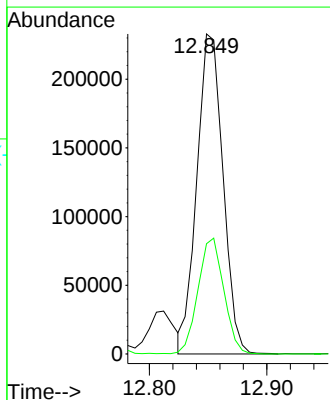
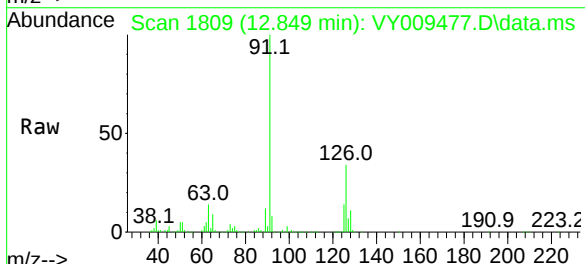
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

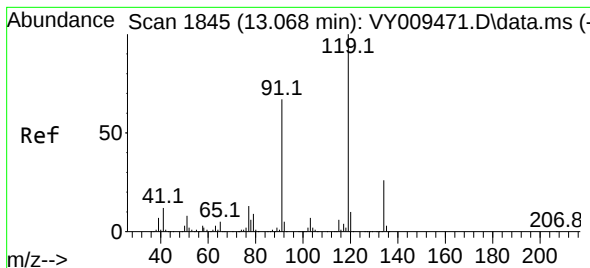
Tgt Ion: 75 Resp: 39297
Ion Ratio Lower Upper
75 100
53 87.1 85.3 127.9
89 45.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.190 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 91 Resp: 360693
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.612 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

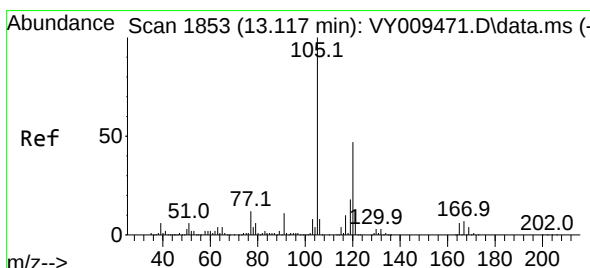
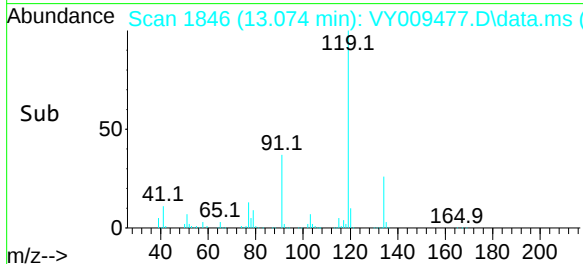
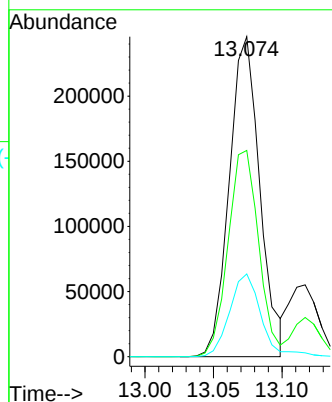
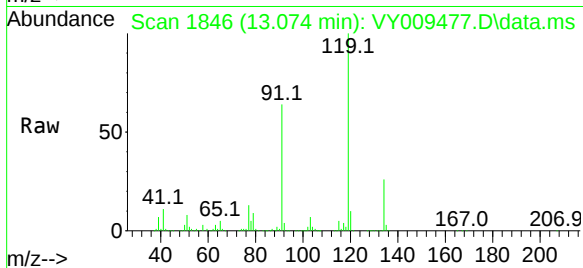
Tgt Ion:119 Resp: 381524

Ion Ratio Lower Upper

119 100

91 64.6 34.8 104.4

134 26.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.163 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009477.D

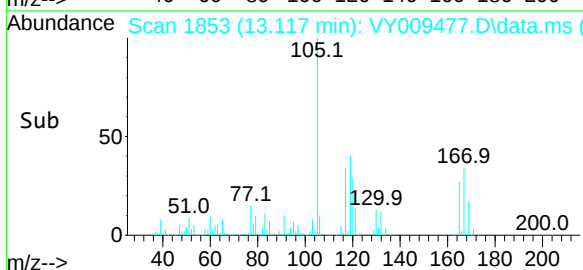
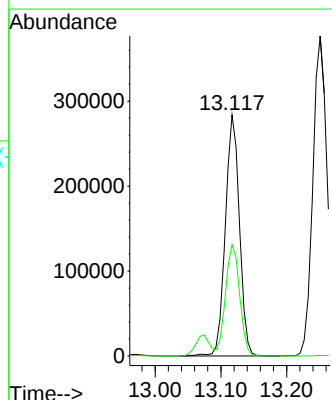
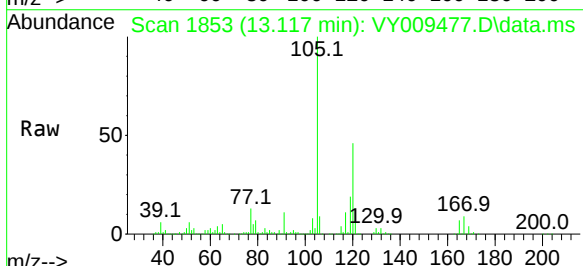
Acq: 08 Jul 2022 10:28

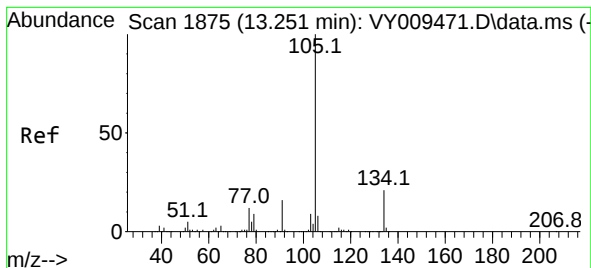
Tgt Ion:105 Resp: 423131

Ion Ratio Lower Upper

105 100

120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.023 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

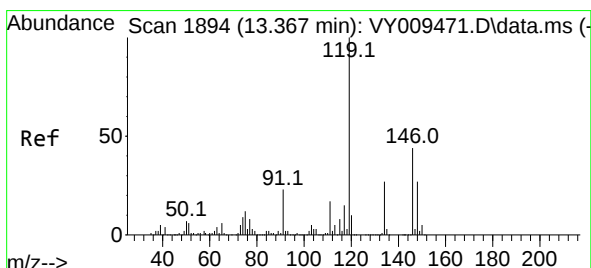
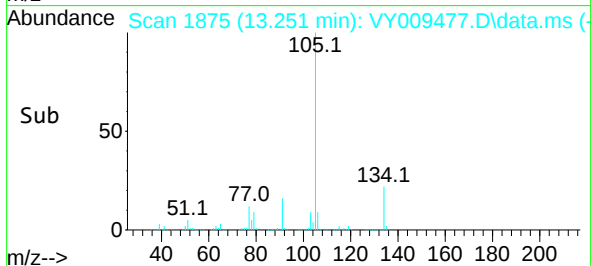
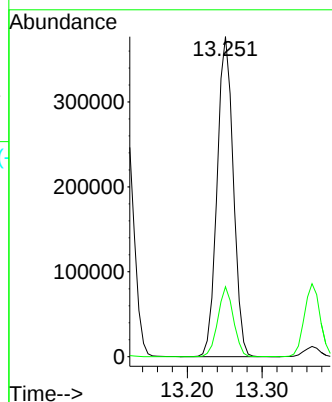
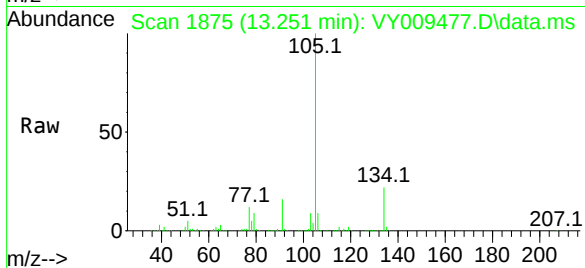
VSTDCCC050

Tgt Ion:105 Resp: 566367

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.577 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

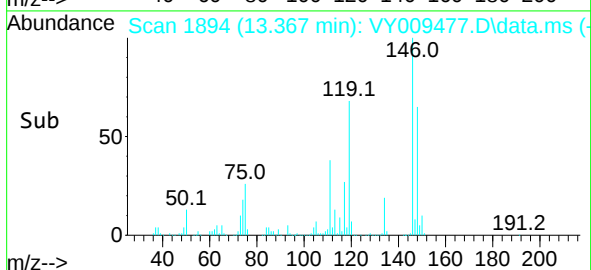
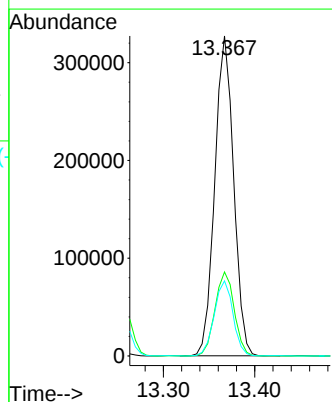
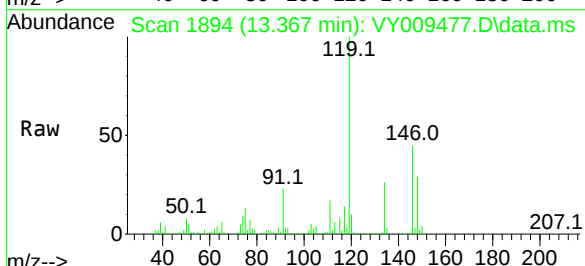
Tgt Ion:119 Resp: 468046

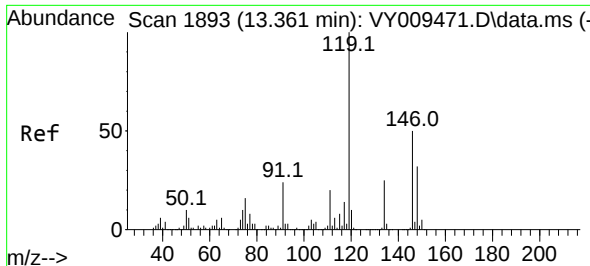
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 23.4 12.4 37.2

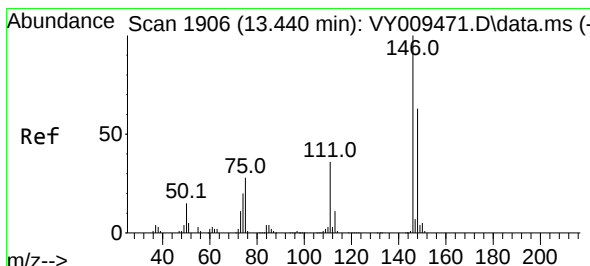
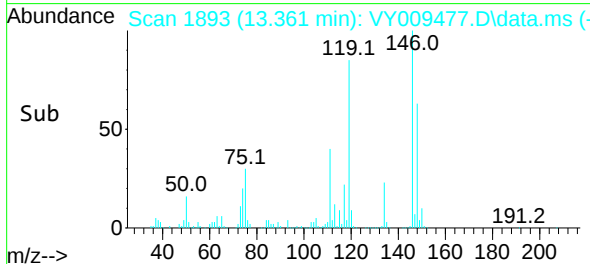
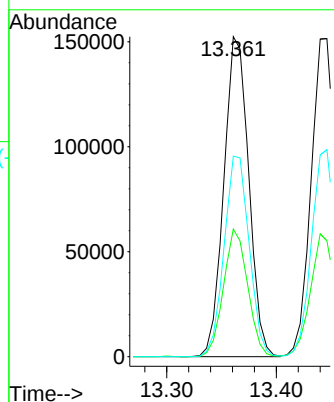
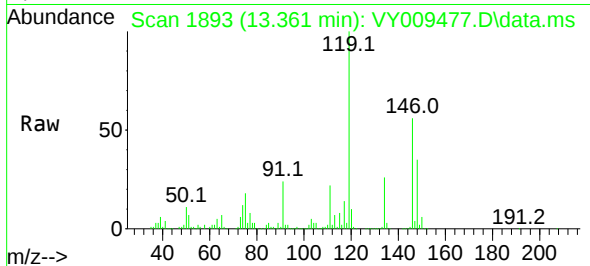




#87
 1,3-Dichlorobenzene
 Concen: 50.342 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VY009477.D
 Acq: 08 Jul 2022 10:28

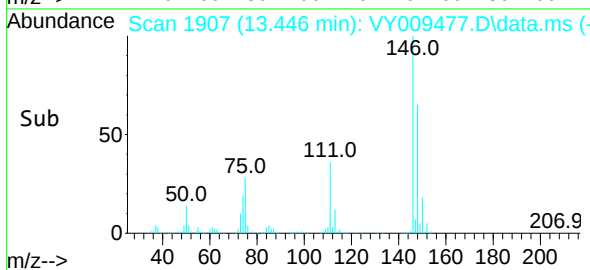
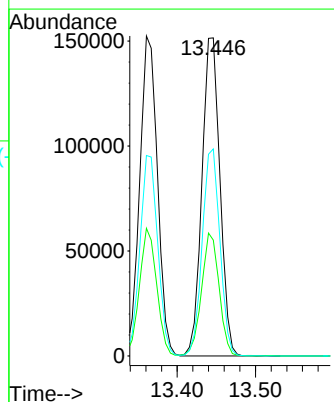
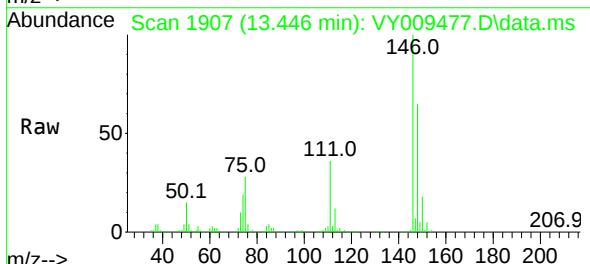
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 240475
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 63.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.069 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY009477.D
 Acq: 08 Jul 2022 10:28

Tgt Ion:146 Resp: 242069
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 63.9 32.6 97.8

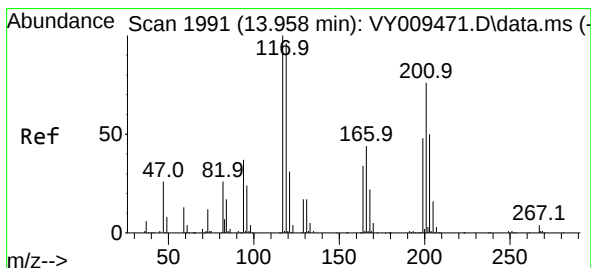
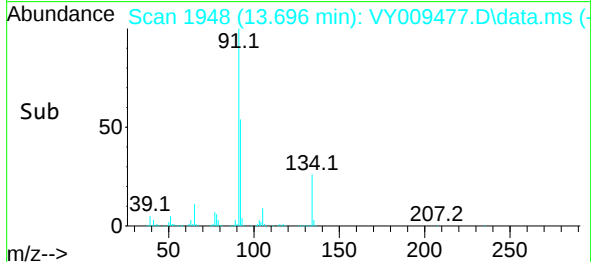
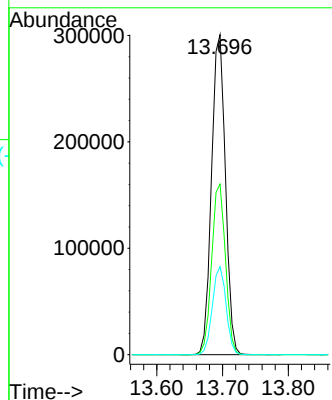
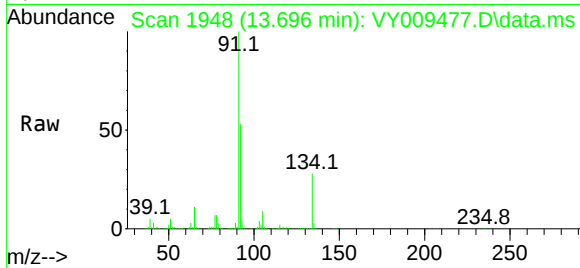




#89
n-Butylbenzene
Concen: 52.166 ug/l
RT: 13.696 min Scan# 1947
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

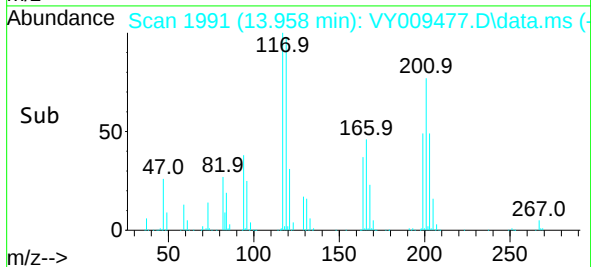
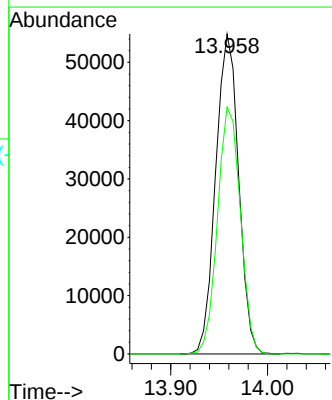
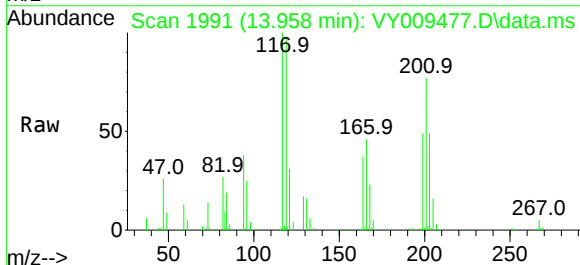
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

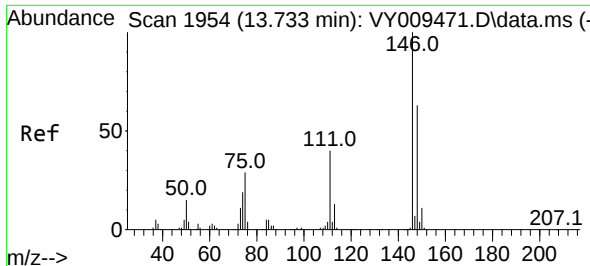
Tgt Ion: 91 Resp: 442058
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 27.2 13.0 38.9



#90
Hexachloroethane
Concen: 50.556 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 117 Resp: 90017
Ion Ratio Lower Upper
117 100
201 77.2 43.0 128.8

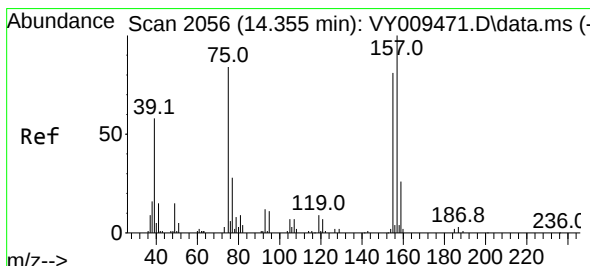
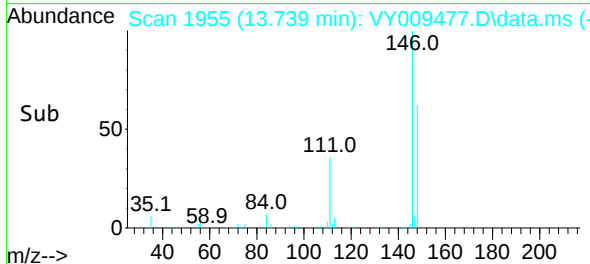
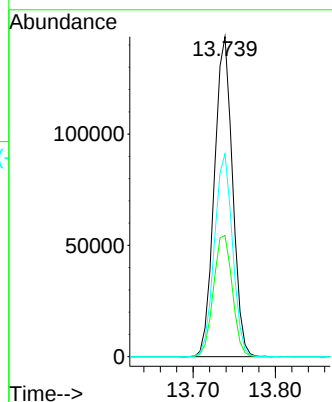
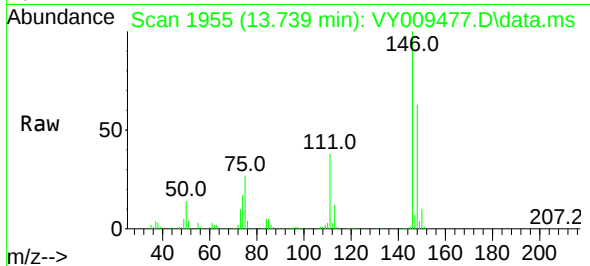




#91
1,2-Dichlorobenzene
Concen: 50.475 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

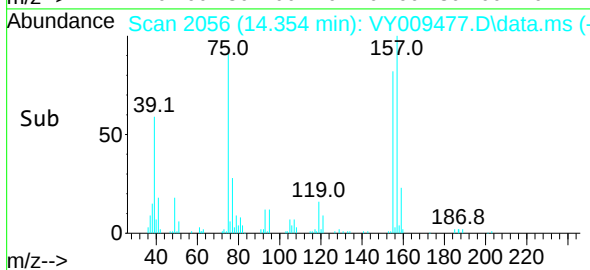
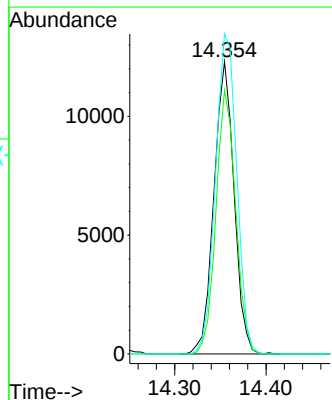
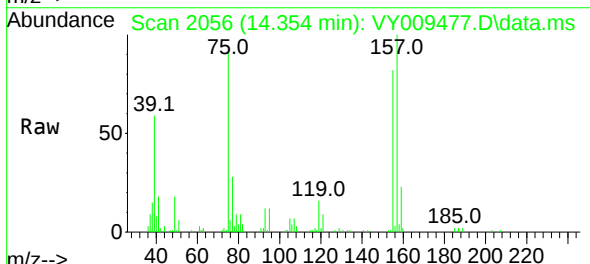
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

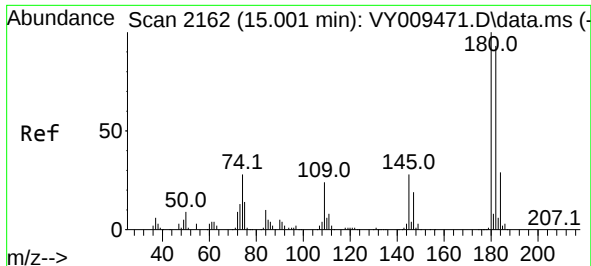
Tgt Ion:146 Resp: 220907
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.9
148 63.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.982 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion: 75 Resp: 18832
Ion Ratio Lower Upper
75 100
155 88.2 38.0 113.9
157 115.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.532 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

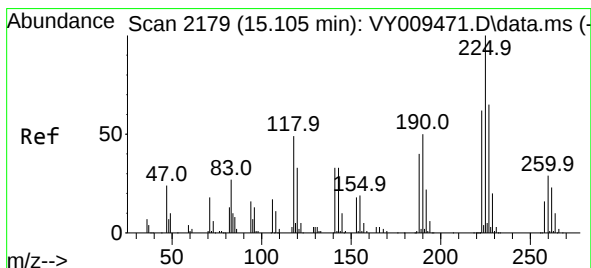
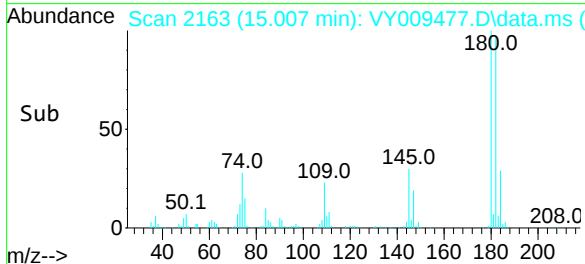
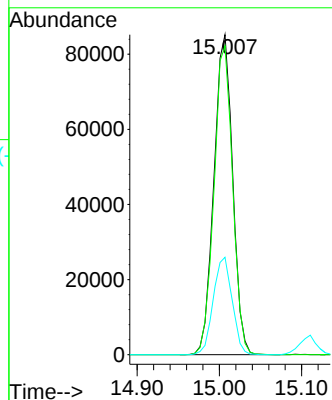
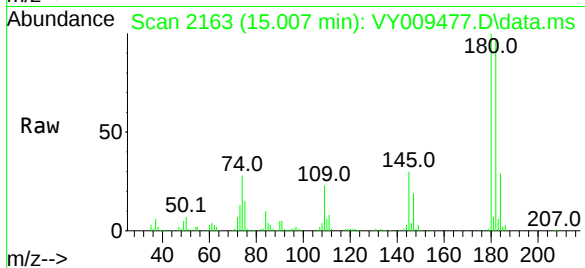
Tgt Ion:180 Resp: 134885

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 30.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.459 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. 0.005 min

Lab File: VY009477.D

Acq: 08 Jul 2022 10:28

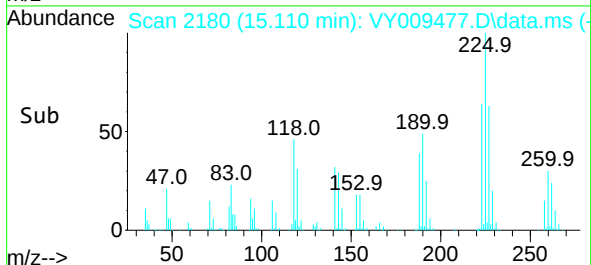
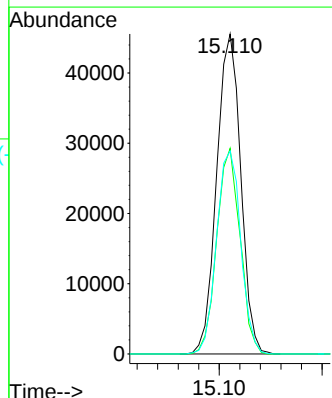
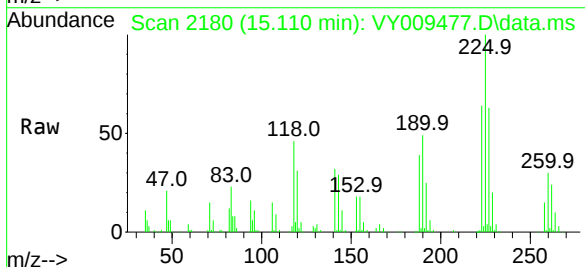
Tgt Ion:225 Resp: 74050

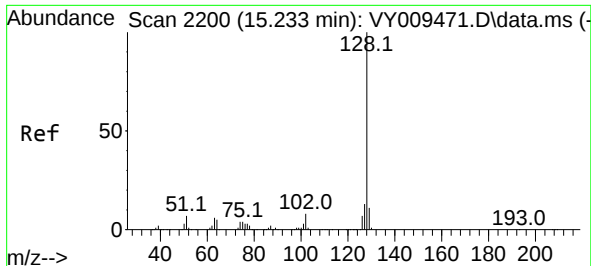
Ion Ratio Lower Upper

225 100

223 62.1 30.8 92.3

227 63.9 31.6 94.7

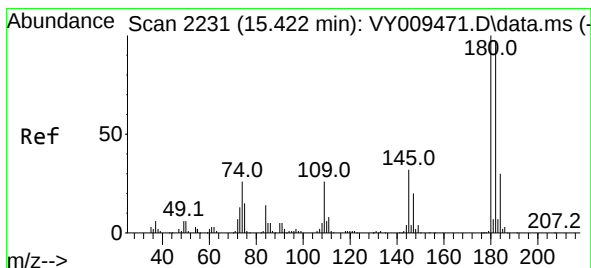
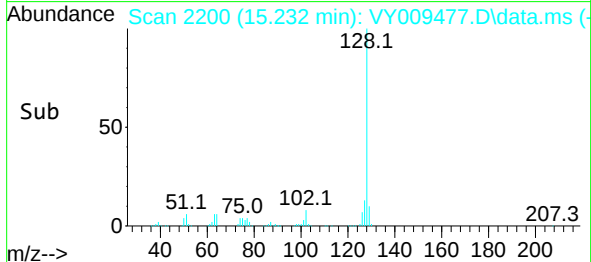
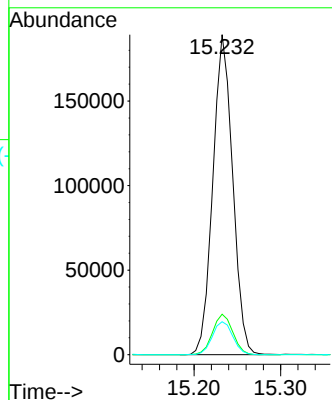
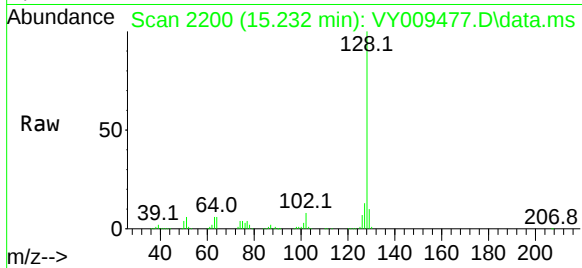




#95
Naphthalene
Concen: 54.515 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	300867
Ion Ratio	Lower	Upper	
128	100		
127	12.9	11.0	16.4
129	10.7	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.297 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.001 min
Lab File: VY009477.D
Acq: 08 Jul 2022 10:28

Tgt Ion:	180	Resp:	118596
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.3	141.9
145	32.6	15.3	45.9

