

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009369.D
 Acq On : 29 Jun 2022 12:10
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 17:42:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	154630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	60889	49.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.710	113	67239	49.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.179	98	209155	49.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.483	95	99875	50.276	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56964	44.747	ug/l	99
3) Chloromethane	2.107	50	62224	44.922	ug/l	95
4) Vinyl Chloride	2.247	62	72862	45.472	ug/l	97
5) Bromomethane	2.644	94	43917	42.712	ug/l	99
6) Chloroethane	2.790	64	39519	46.256	ug/l	97
7) Trichlorofluoromethane	3.119	101	100362	47.210	ug/l	95
8) Diethyl Ether	3.528	74	40807	49.129	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	71743	47.080	ug/l	97
10) Methyl Iodide	4.082	142	88490	52.902	ug/l	90
11) Tert butyl alcohol	4.948	59	58524	305.246	ug/l	98
12) 1,1-Dichloroethene	3.869	96	66213	47.635	ug/l	87
13) Acrolein	3.717	56	21267	205.738	ug/l	96
14) Allyl chloride	4.479	41	123122	48.340	ug/l	94
15) Acrylonitrile	5.155	53	127943	271.905	ug/l	97
16) Acetone	3.942	43	122221	300.479	ug/l	92
17) Carbon Disulfide	4.186	76	178448	46.151	ug/l	100
18) Methyl Acetate	4.466	43	56989	54.596	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	221629	53.165	ug/l	100
20) Methylene Chloride	4.710	84	85086	45.161	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	81926	49.229	ug/l	91
22) Diisopropyl ether	6.113	45	287199	53.431	ug/l	92
23) Vinyl Acetate	6.052	43	951148	282.477	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	152399	50.429	ug/l	95
25) 2-Butanone	6.978	43	186864	289.774	ug/l	91
26) 2,2-Dichloropropane	6.972	77	140573	49.147	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	99422	51.424	ug/l	91
28) Bromochloromethane	7.326	49	72913	56.189	ug/l #	90
29) Tetrahydrofuran	7.338	42	115315	278.920	ug/l	92
30) Chloroform	7.503	83	155281	49.994	ug/l	99
31) Cyclohexane	7.777	56	135416	48.610	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	135609	48.755	ug/l	97
36) 1,1-Dichloropropene	7.911	75	120704	50.532	ug/l	98
37) Ethyl Acetate	7.070	43	75117	53.027	ug/l	95
38) Carbon Tetrachloride	7.893	117	123352	49.405	ug/l	97
39) Methylcyclohexane	9.179	83	141047	49.891	ug/l	93
40) Benzene	8.155	78	352042	50.396	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	103569	129.414	ug/l	# 16
42) 1,2-Dichloroethane	8.234	62	101677	50.741	ug/l	91
43) Isopropyl Acetate	8.271	43	142063	54.623	ug/l	93
44) Trichloroethene	8.935	130	94641	48.760	ug/l	97
45) 1,2-Dichloropropane	9.216	63	93447	52.811	ug/l	97
46) Dibromomethane	9.301	93	53170	52.452	ug/l	97
47) Bromodichloromethane	9.496	83	122629	51.083	ug/l	98
48) Methyl methacrylate	9.289	41	60890	54.308	ug/l	# 89
49) 1,4-Dioxane	9.295	88	15137	1071.242	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	376457	280.737	ug/l	93
52) Toluene	10.240	92	223618	50.738	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	133804	55.720	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	149236	52.049	ug/l	# 87
55) 1,1,2-Trichloroethane	10.642	97	75467	55.957	ug/l	99
56) Ethyl methacrylate	10.508	69	106483	61.856	ug/l	# 82
57) 1,3-Dichloropropane	10.789	76	128138	53.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	279867	293.631	ug/l	97
59) 2-Hexanone	10.831	43	267871	289.178	ug/l	90
60) Dibromochloromethane	10.984	129	90878	53.246	ug/l	98
61) 1,2-Dibromoethane	11.087	107	71441	52.763	ug/l	99
64) Tetrachloroethene	10.715	164	104402	49.104	ug/l	98
65) Chlorobenzene	11.514	112	245388	50.217	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	90711	50.608	ug/l	97
67) Ethyl Benzene	11.593	91	433027	51.082	ug/l	96
68) m/p-Xylenes	11.703	106	339815	100.250	ug/l	92
69) o-Xylene	12.026	106	161867	50.602	ug/l	92
70) Styrene	12.044	104	277037	52.271	ug/l	95
71) Bromoform	12.209	173	59439	52.776	ug/l	# 98
73) Isopropylbenzene	12.331	105	428149	51.607	ug/l	99
74) N-amyl acetate	12.142	43	119096	54.727	ug/l	# 90
75) 1,1,2,2-Tetrachloroethane	12.581	83	86714	53.958	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	116571	88.621	ug/l	# 100
77) Bromobenzene	12.605	156	102438	51.796	ug/l	95
78) n-propylbenzene	12.672	91	523914	51.914	ug/l	97
79) 2-Chlorotoluene	12.758	91	290685	51.029	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	356374	51.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	31845	53.902	ug/l	86
82) 4-Chlorotoluene	12.855	91	302482	51.097	ug/l	97
83) tert-Butylbenzene	13.075	119	312394	53.593	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	349323	52.985	ug/l	97
85) sec-Butylbenzene	13.252	105	469175	53.440	ug/l	98
86) p-Isopropyltoluene	13.367	119	381887	51.727	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	196648	50.329	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	196125	48.780	ug/l	99
89) n-Butylbenzene	13.697	91	358426	51.670	ug/l	98
90) Hexachloroethane	13.959	117	74836	51.126	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	177810	50.176	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14374	53.367	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	93388	44.395	ug/l	98
94) Hexachlorobutadiene	15.111	225	54287	45.971	ug/l	96
95) Naphthalene	15.239	128	215976	51.280	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	89393	48.914	ug/l	98

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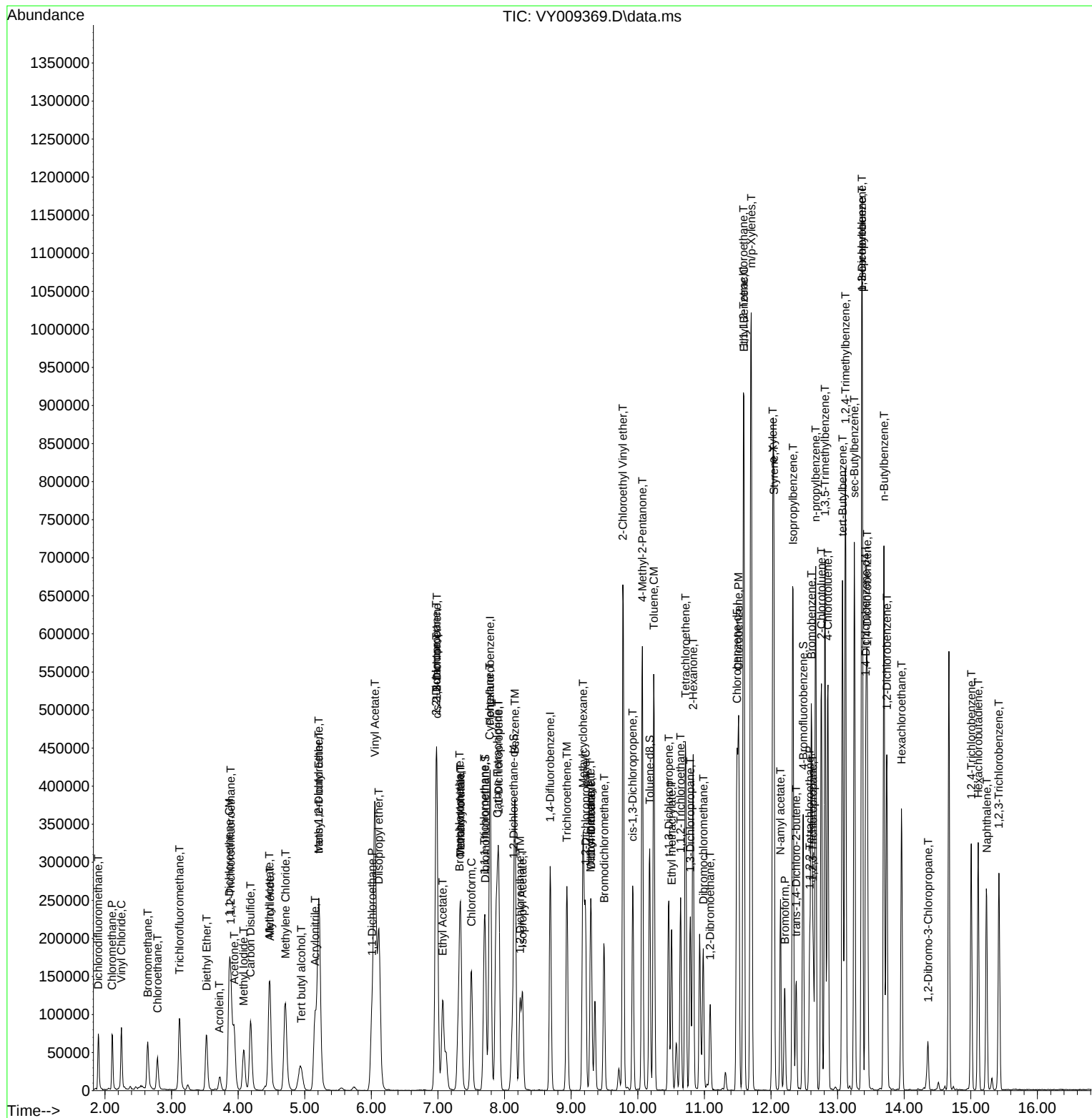
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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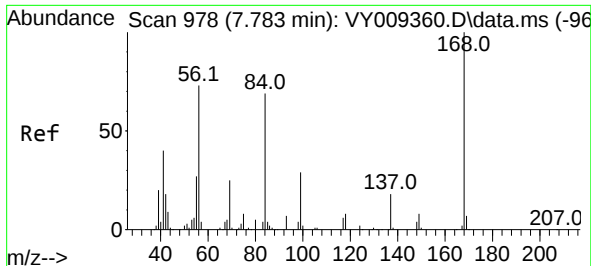
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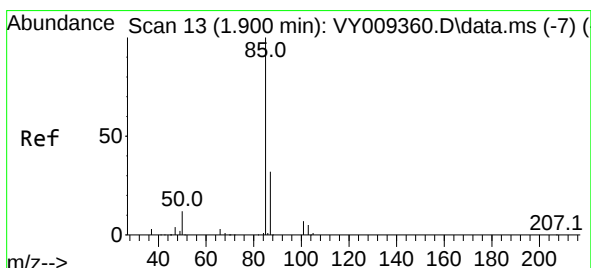
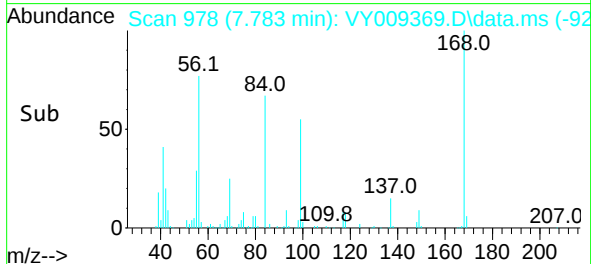
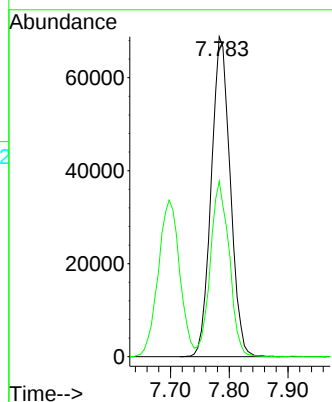
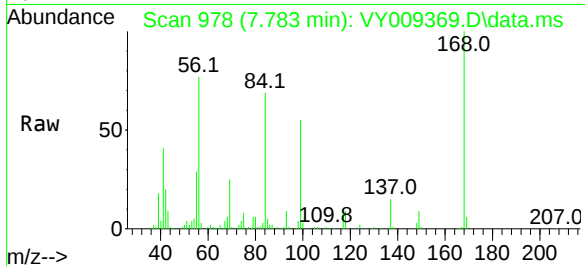




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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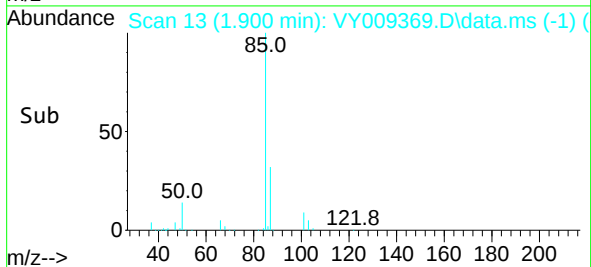
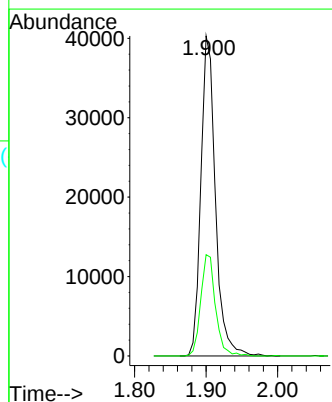
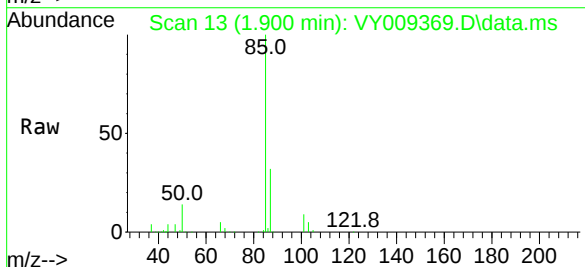
Instrument :
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VSTDCCC050

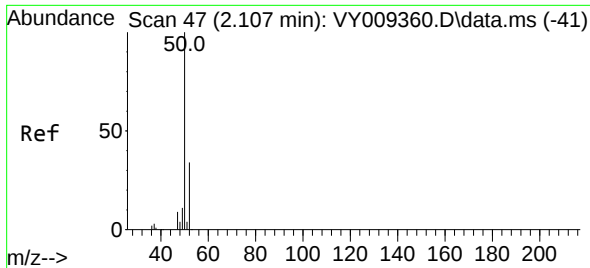
Tgt Ion:168 Resp: 154630
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 44.747 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 85 Resp: 56964
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

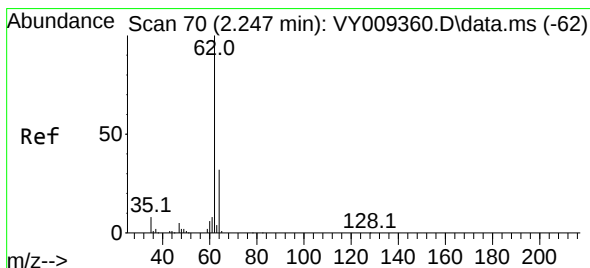
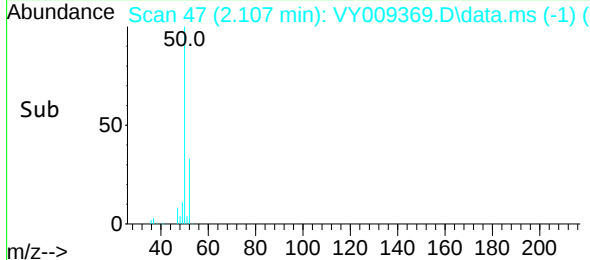
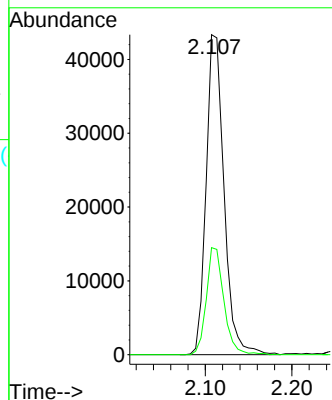
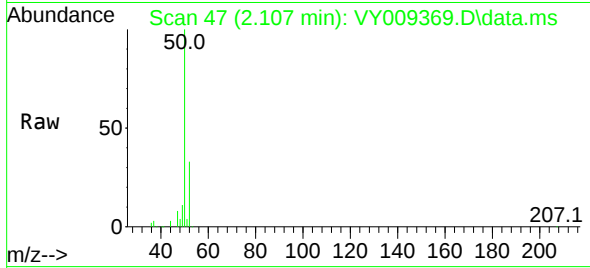




#3
Chloromethane
Concen: 44.922 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

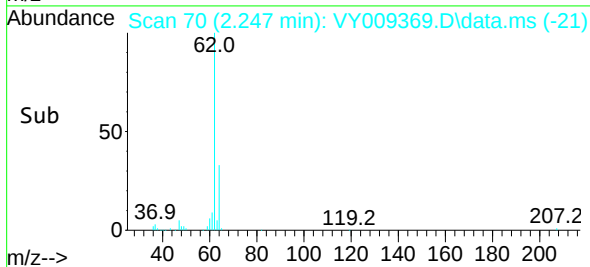
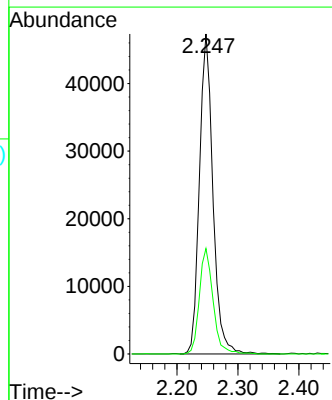
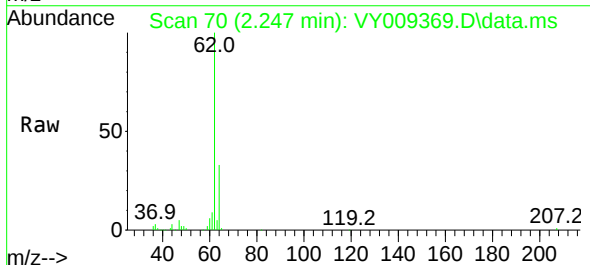
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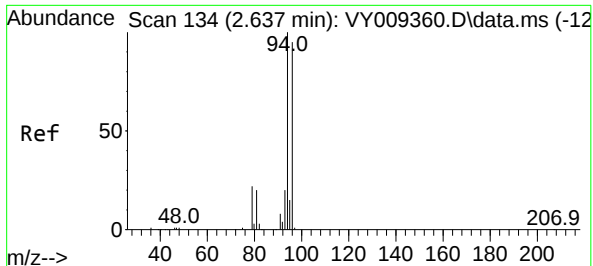
Tgt Ion: 50 Resp: 62224
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0



#4
Vinyl Chloride
Concen: 45.472 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009369.D
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Tgt Ion: 62 Resp: 72862
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6

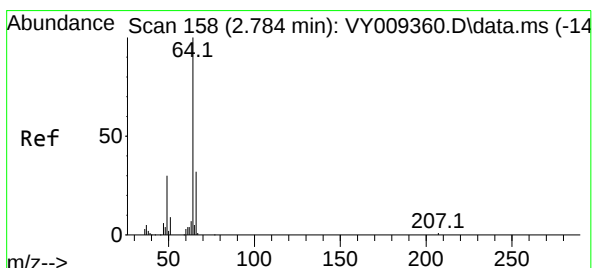
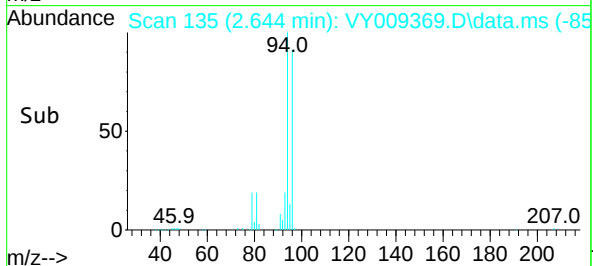
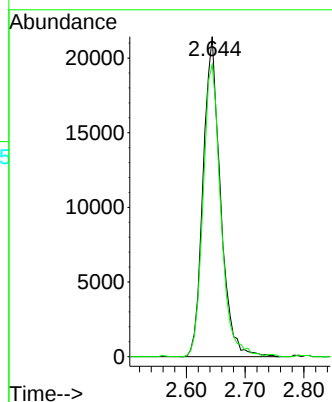
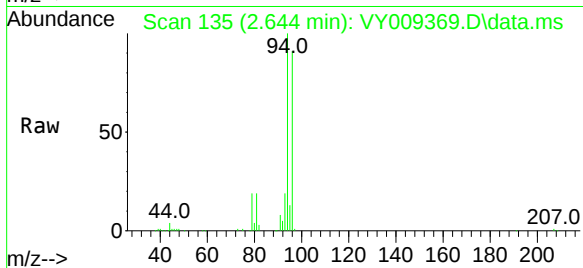




#5
Bromomethane
Concen: 42.712 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY009369.D
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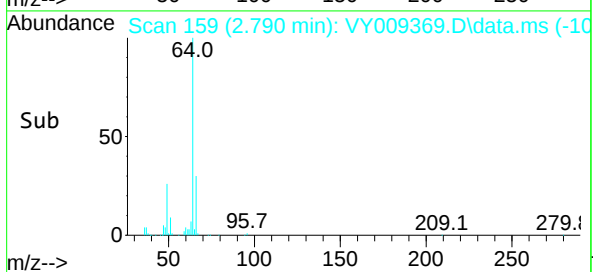
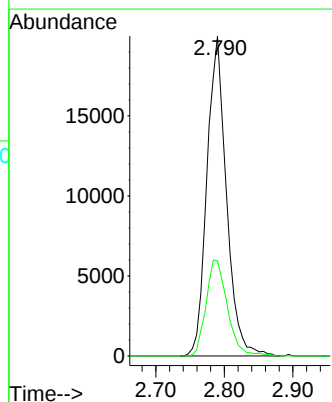
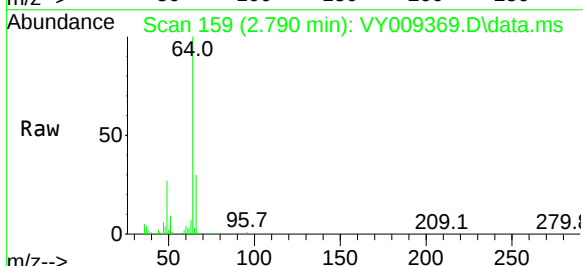
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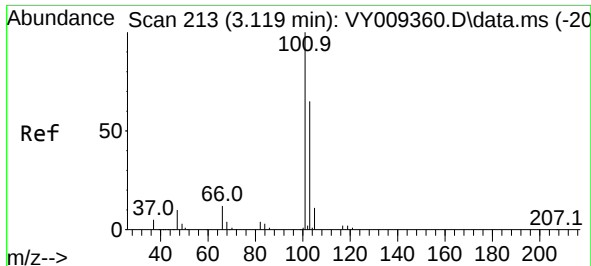
Tgt Ion: 94 Resp: 43917
Ion Ratio Lower Upper
94 100
96 91.3 73.5 110.3



#6
Chloroethane
Concen: 46.256 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009369.D
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Tgt Ion: 64 Resp: 39519
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.0

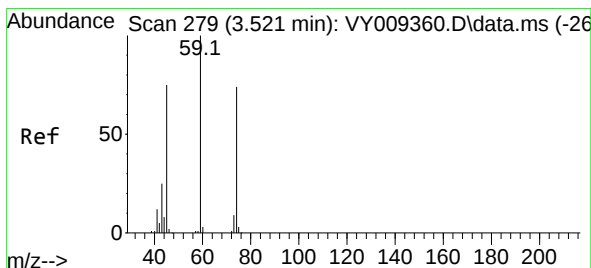
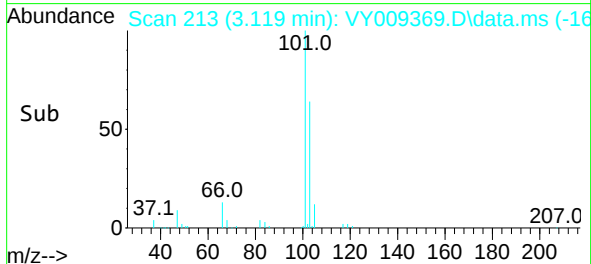
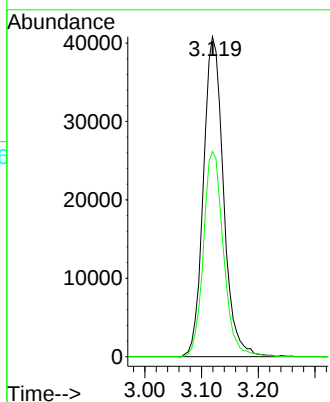
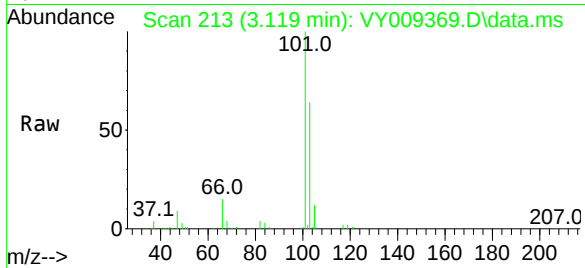




#7
 Trichlorofluoromethane
 Concen: 47.210 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

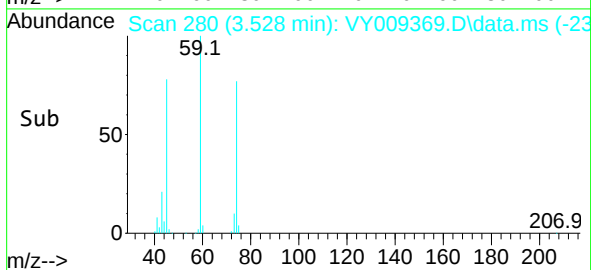
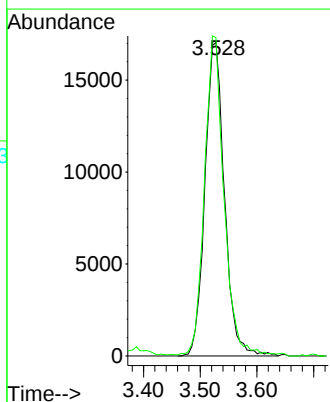
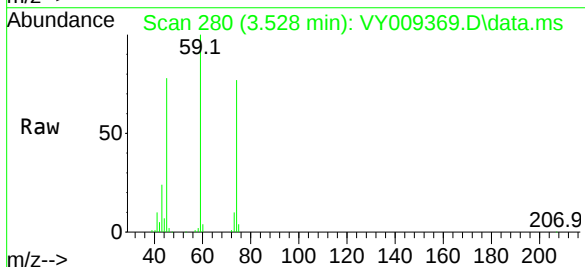
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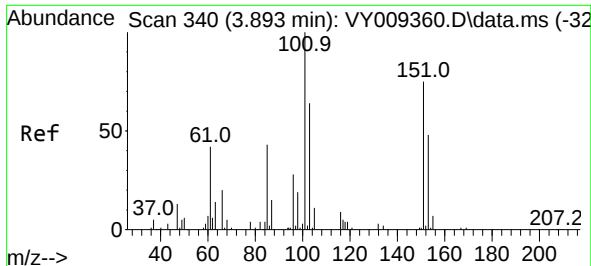
Tgt Ion:101 Resp: 100362
 Ion Ratio Lower Upper
 101 100
 103 64.1 48.0 72.0



#8
 Diethyl Ether
 Concen: 49.129 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 40807
 Ion Ratio Lower Upper
 74 100
 45 100.4 55.1 165.5

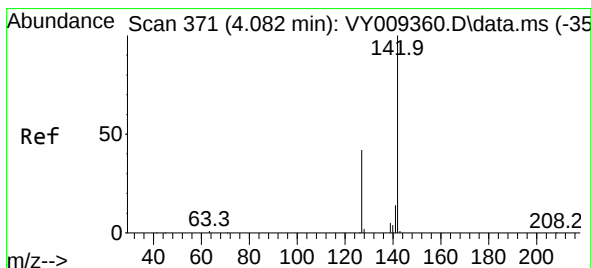
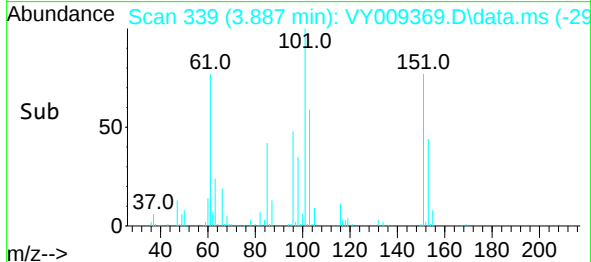
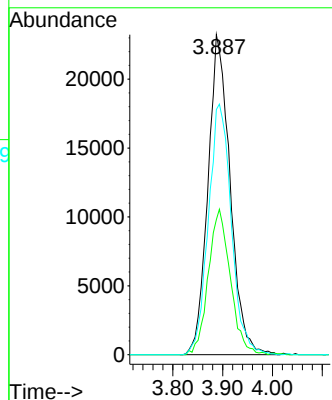
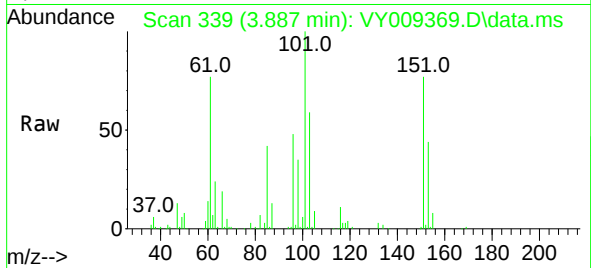




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.080 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

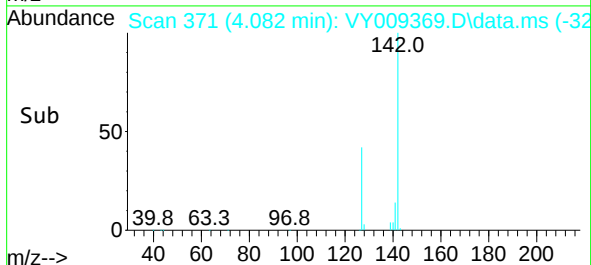
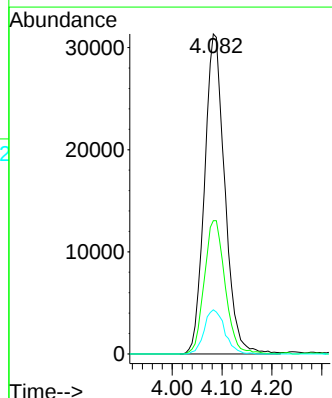
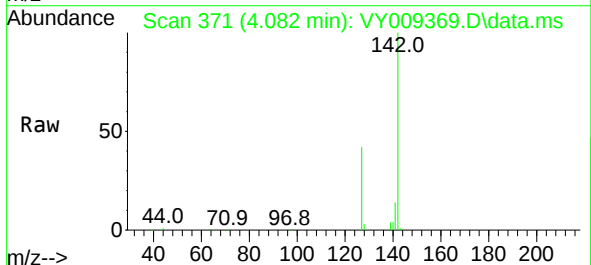
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

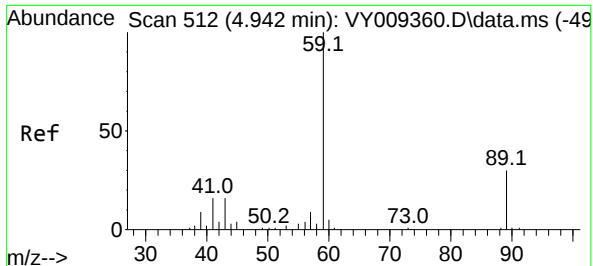
Tgt Ion:101 Resp: 71743
Ion Ratio Lower Upper
101 100
85 45.1 40.6 60.8
151 81.2 64.9 97.3



#10
Methyl Iodide
Concen: 52.902 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion:142 Resp: 88490
Ion Ratio Lower Upper
142 100
127 42.9 41.5 62.3
141 14.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 305.246 ug/l

RT: 4.948 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

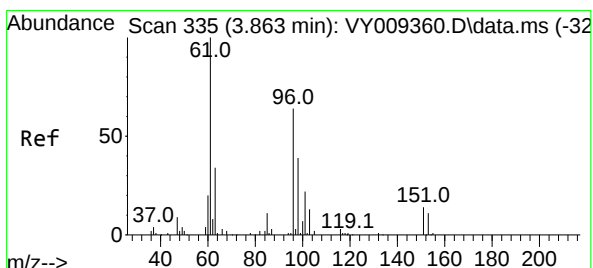
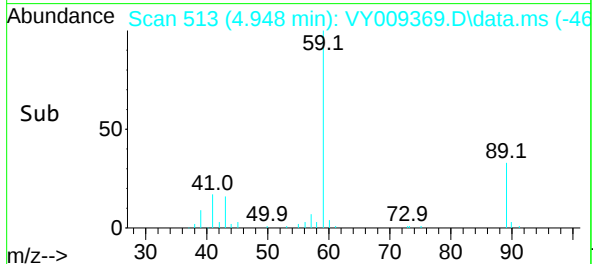
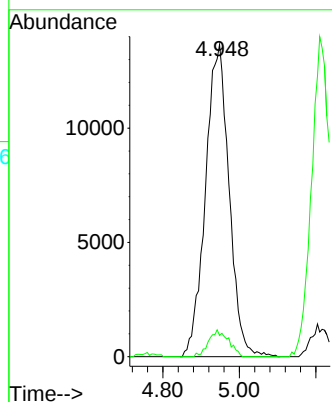
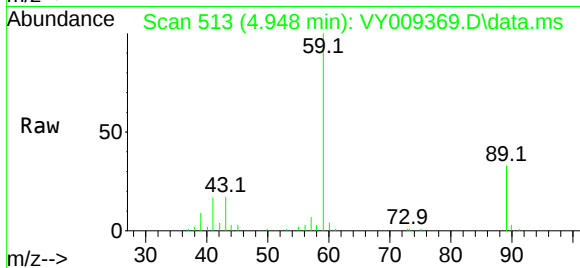
VSTDCCC050

Tgt Ion: 59 Resp: 58524

Ion Ratio Lower Upper

59 100

57 7.2 6.4 9.6



#12

1,1-Dichloroethene

Concen: 47.635 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

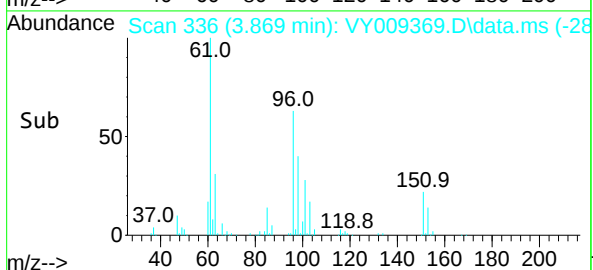
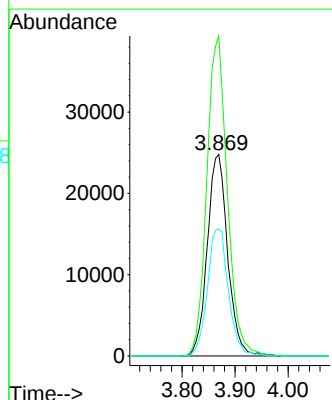
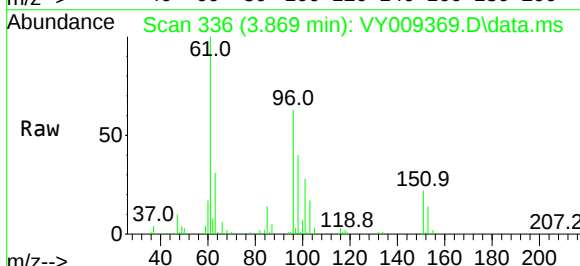
Tgt Ion: 96 Resp: 66213

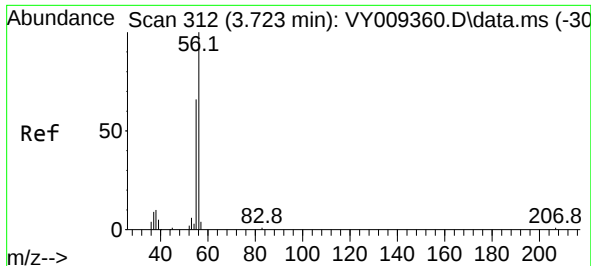
Ion Ratio Lower Upper

96 100

61 158.9 145.8 218.6

98 63.0 52.5 78.7

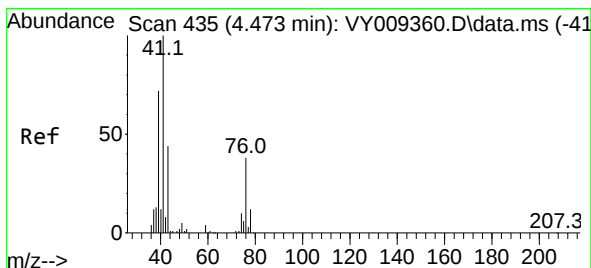
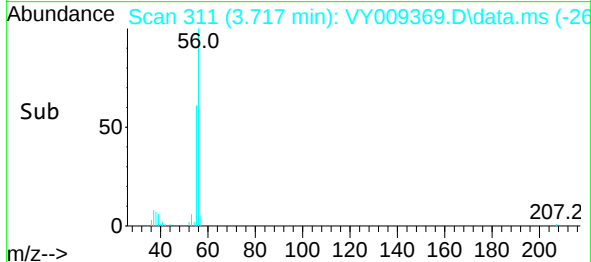
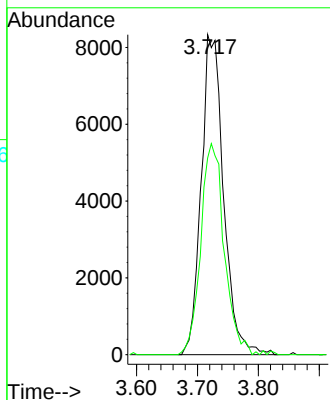
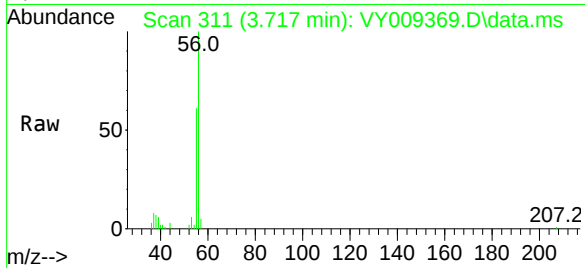




#13
Acrolein
Concen: 205.738 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

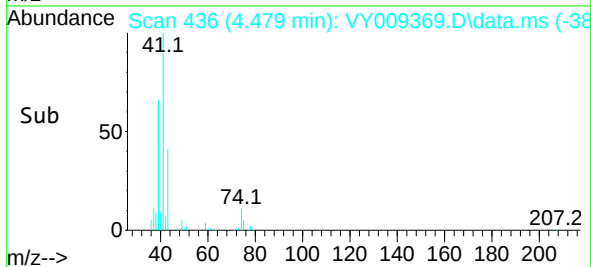
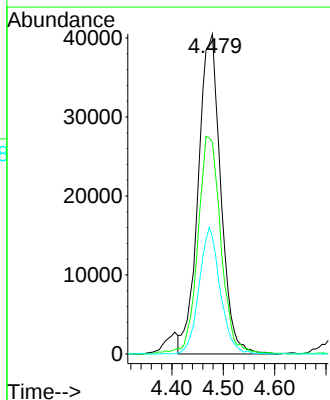
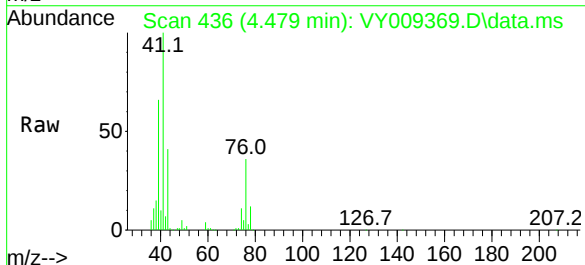
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

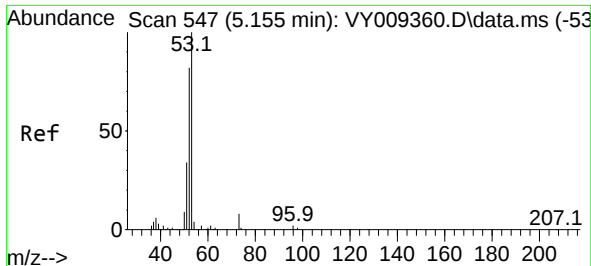
Tgt Ion: 56 Resp: 21267
Ion Ratio Lower Upper
56 100
55 69.1 57.6 86.4



#14
Allyl chloride
Concen: 48.340 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 41 Resp: 123122
Ion Ratio Lower Upper
41 100
39 70.0 58.8 88.2
76 37.0 25.1 37.7

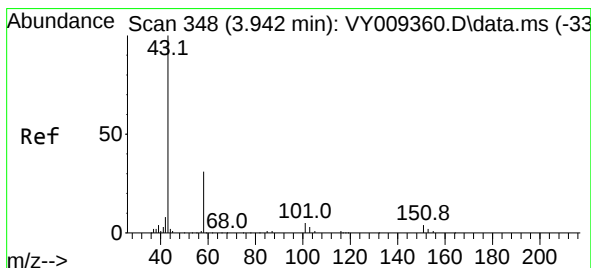
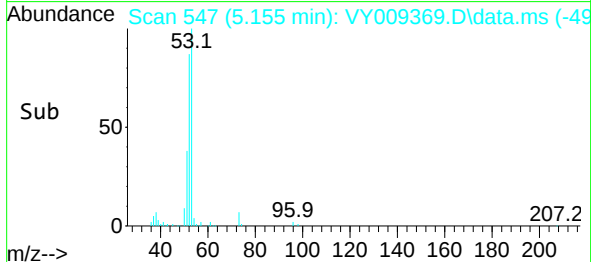
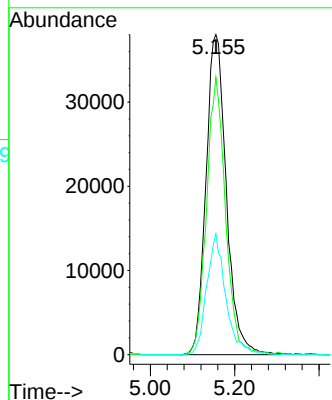
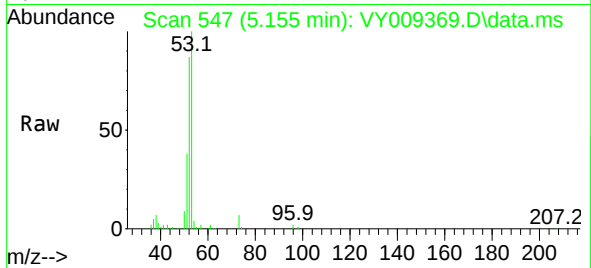




#15
Acrylonitrile
Concen: 271.905 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

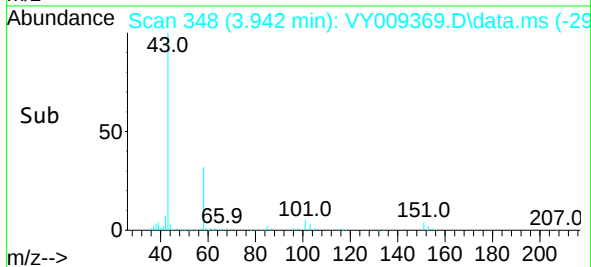
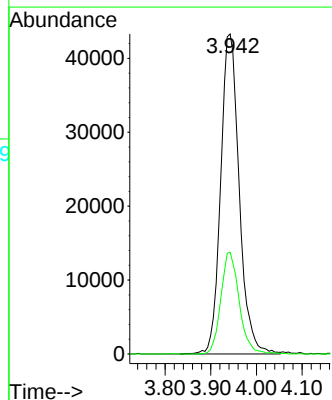
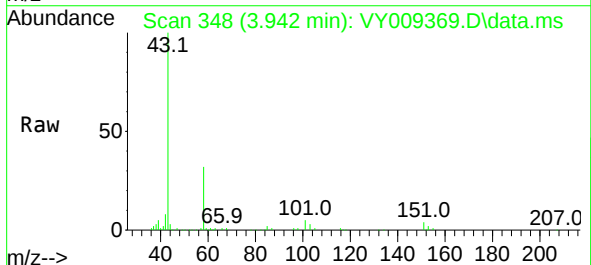
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

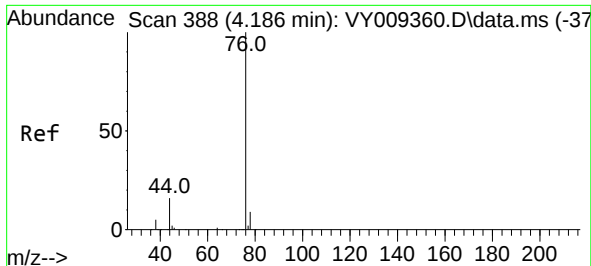
Tgt Ion: 53 Resp: 127943
Ion Ratio Lower Upper
53 100
52 80.8 67.0 100.4
51 35.4 29.8 44.6



#16
Acetone
Concen: 300.479 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 43 Resp: 122221
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0

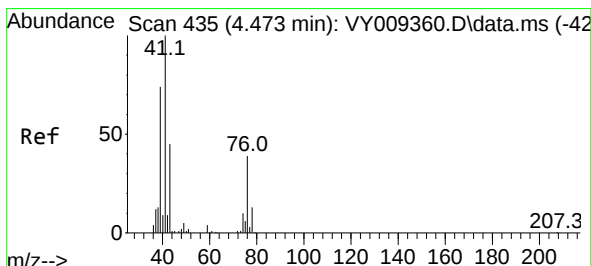
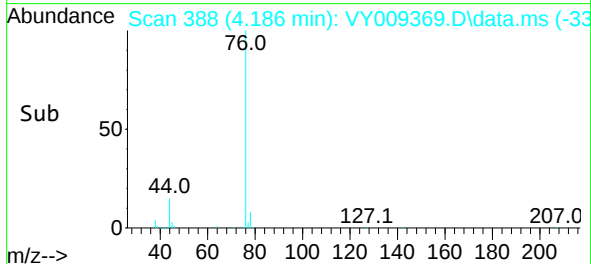
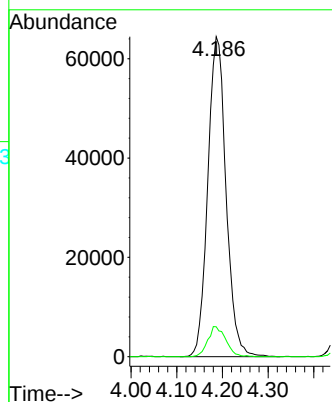
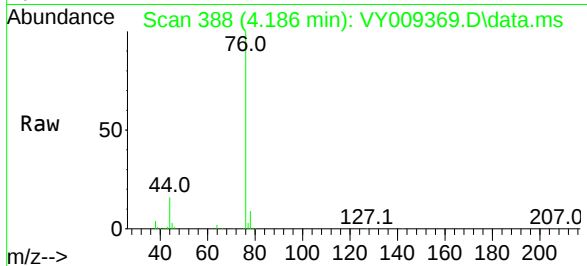




#17
Carbon Disulfide
Concen: 46.151 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

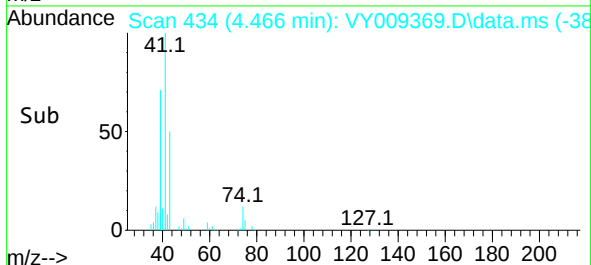
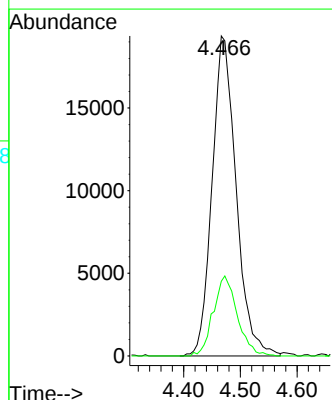
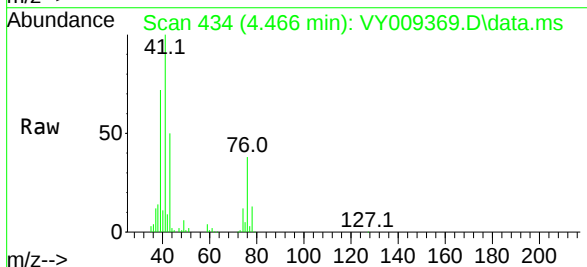
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

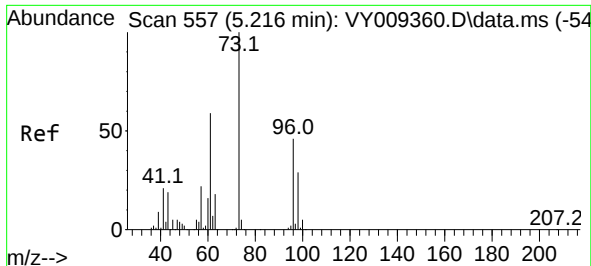
Tgt Ion: 76 Resp: 178448
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 54.596 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 43 Resp: 56989
Ion Ratio Lower Upper
43 100
74 25.0 16.6 24.8#

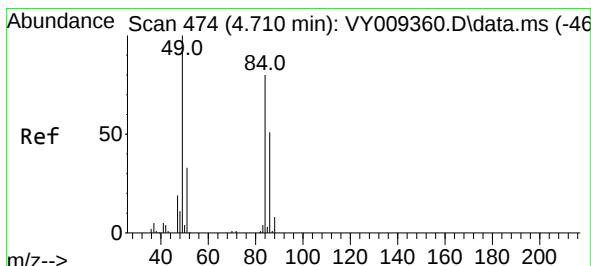
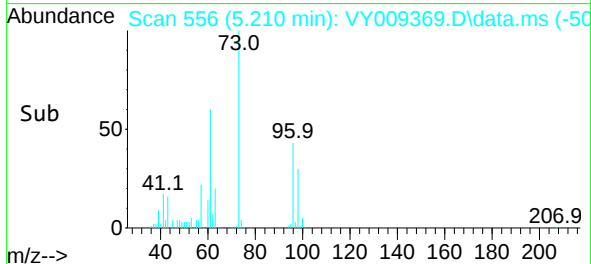
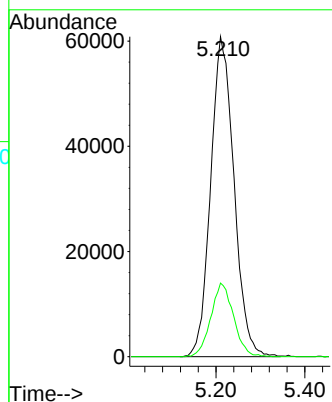
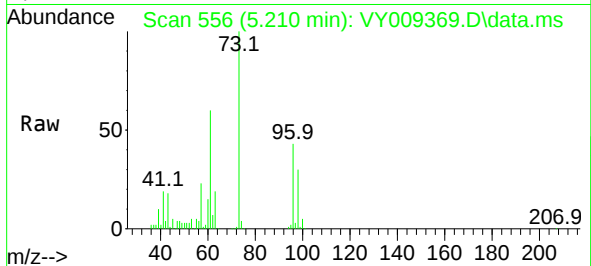




#19
Methyl tert-butyl Ether
Concen: 53.165 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

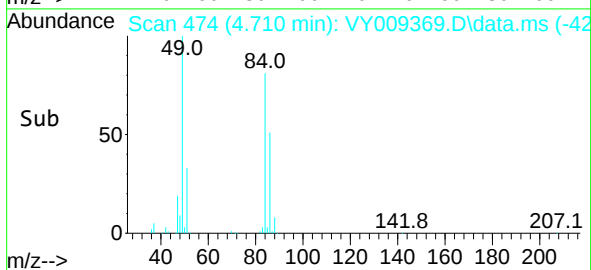
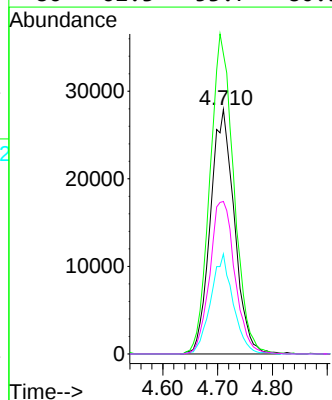
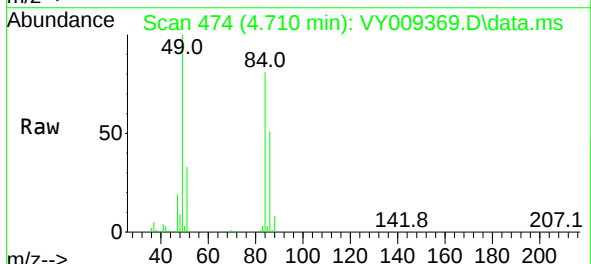
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

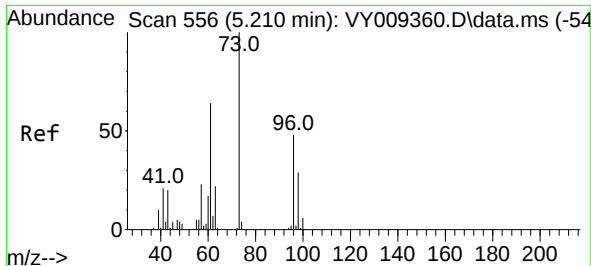
Tgt Ion: 73 Resp: 221629
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8



#20
Methylene Chloride
Concen: 45.161 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 84 Resp: 85086
Ion Ratio Lower Upper
84 100
49 122.7 114.4 171.6
51 40.9 35.3 52.9
86 62.3 53.7 80.5

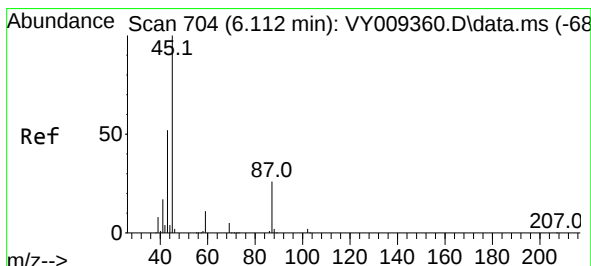
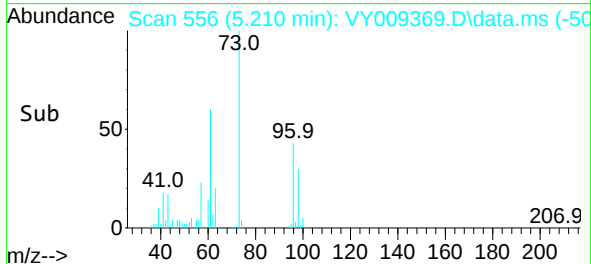
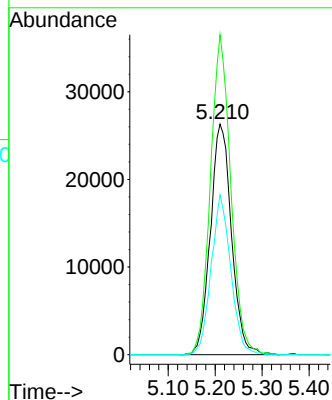
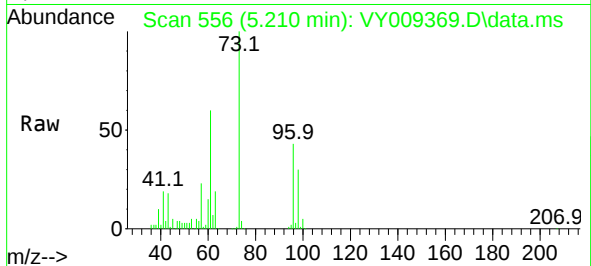




#21
trans-1,2-Dichloroethene
Concen: 49.229 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

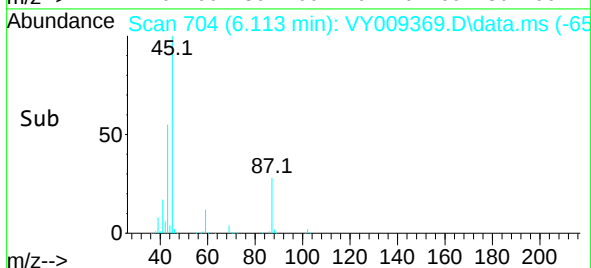
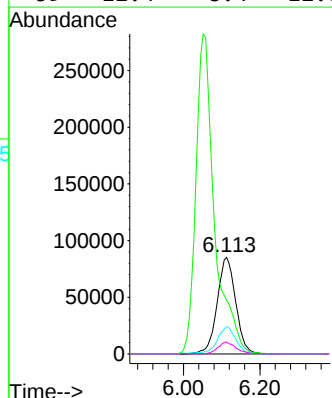
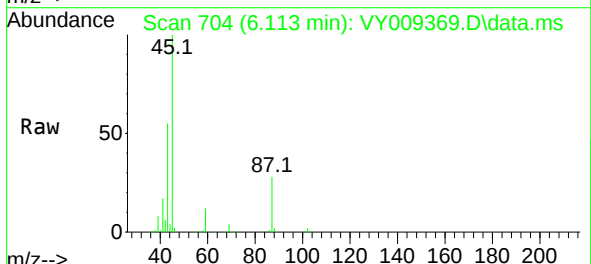
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

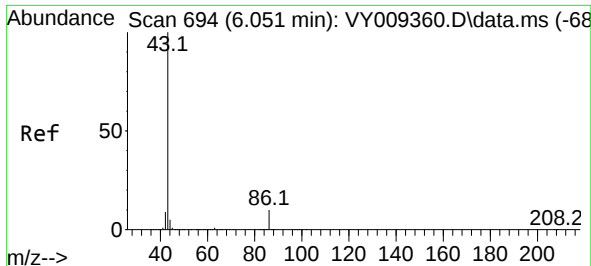
Tgt Ion: 96 Resp: 81926
Ion Ratio Lower Upper
96 100
61 138.8 120.5 180.7
98 69.3 49.8 74.8



#22
Diisopropyl ether
Concen: 53.431 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 45 Resp: 287199
Ion Ratio Lower Upper
45 100
43 55.1 49.3 73.9
87 28.4 19.2 28.8
59 12.4 8.4 12.6

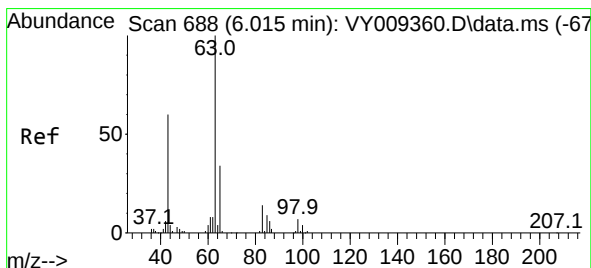
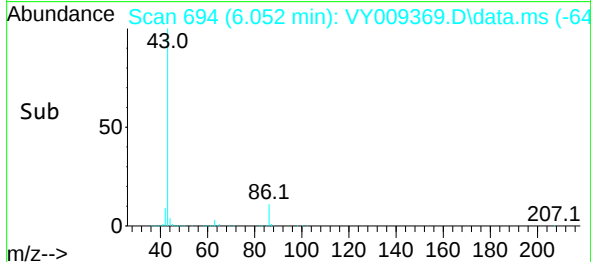
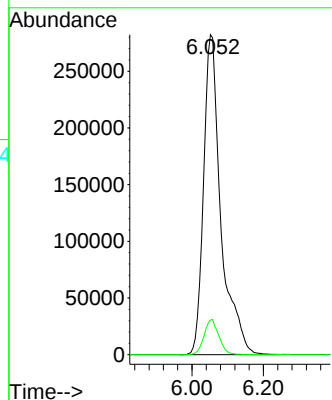
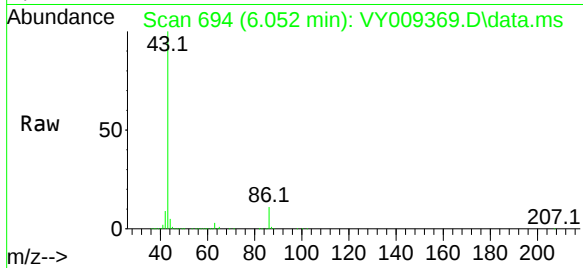




#23
 Vinyl Acetate
 Concen: 282.477 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

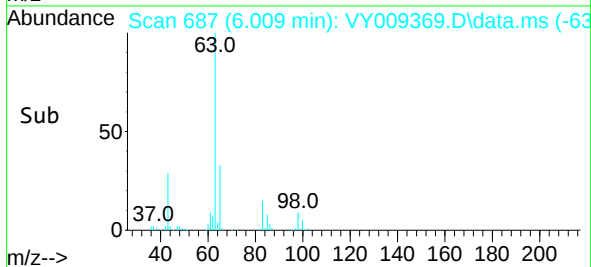
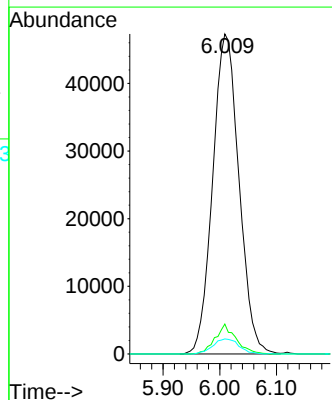
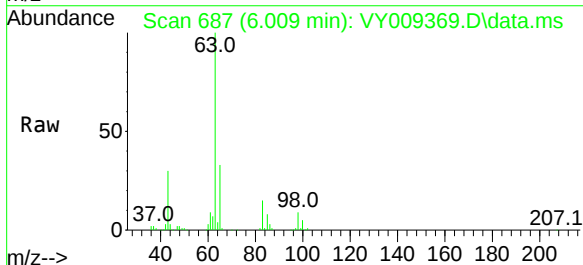
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

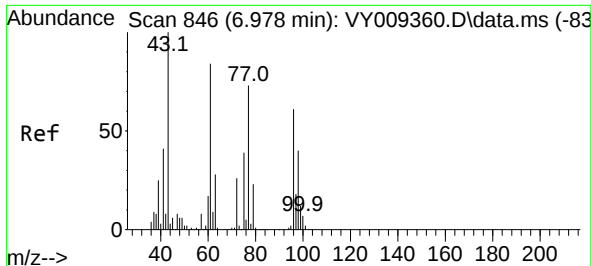
Tgt Ion: 43 Resp: 951148
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.429 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

Tgt Ion: 63 Resp: 152399
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.6 10.8
 100 4.7 2.0 5.8

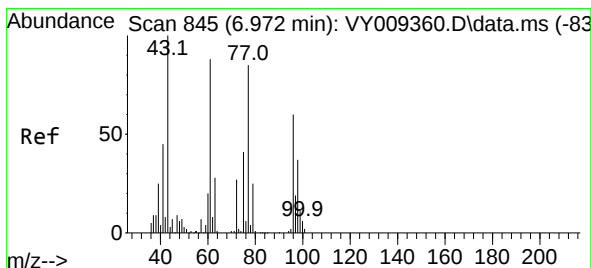
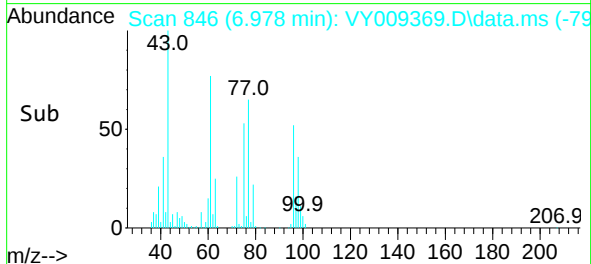
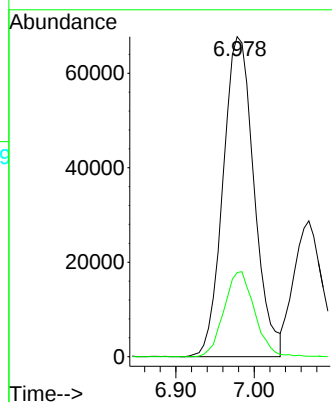
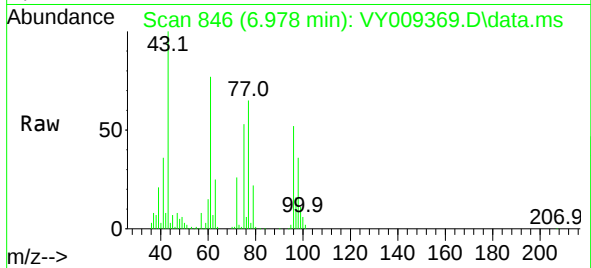




#25
2-Butanone
Concen: 289.774 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

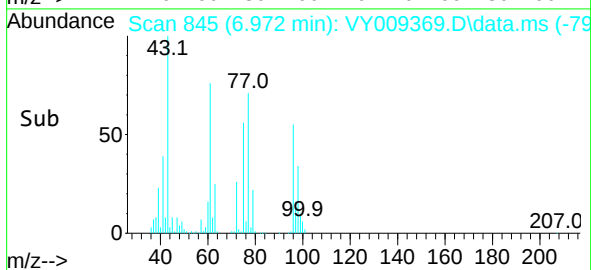
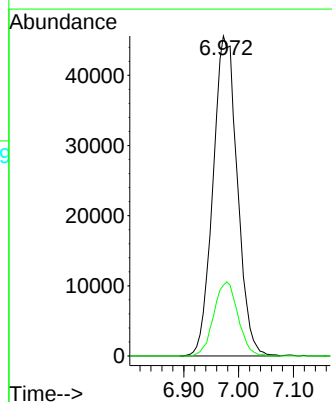
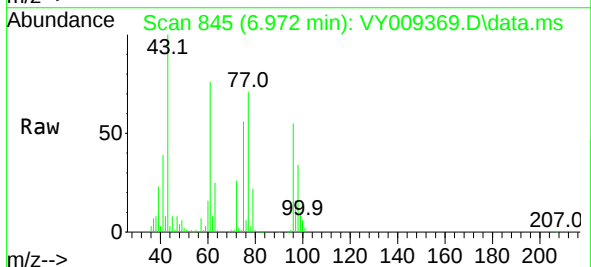
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

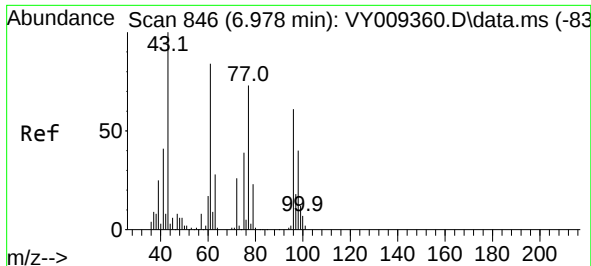
Tgt Ion: 43 Resp: 186864
Ion Ratio Lower Upper
43 100
72 26.3 17.7 26.5



#26
2,2-Dichloropropane
Concen: 49.147 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 77 Resp: 140573
Ion Ratio Lower Upper
77 100
97 23.0 10.4 31.4

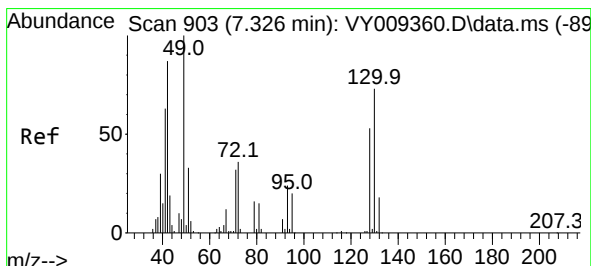
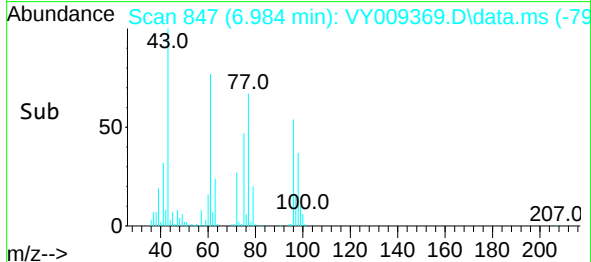
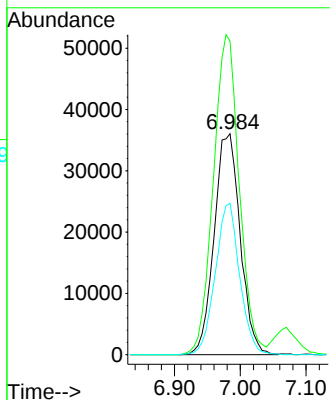
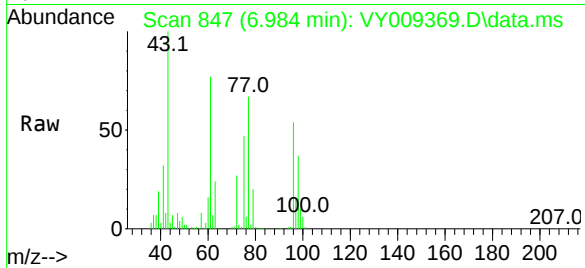




#27
 cis-1,2-Dichloroethene
 Concen: 51.424 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

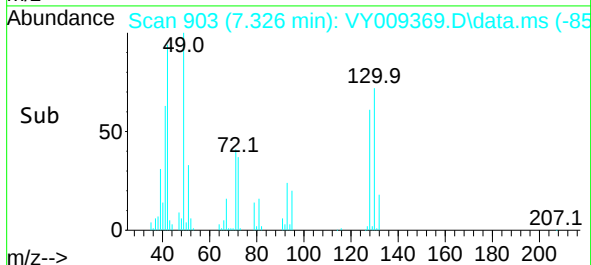
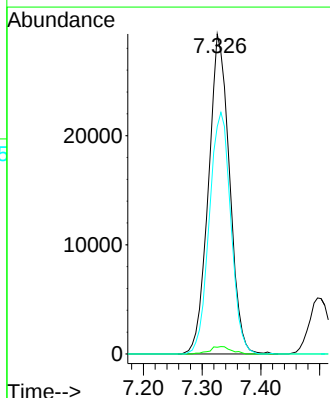
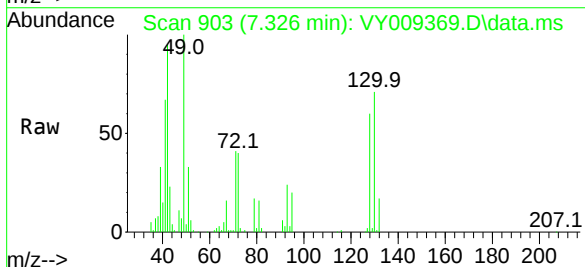
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

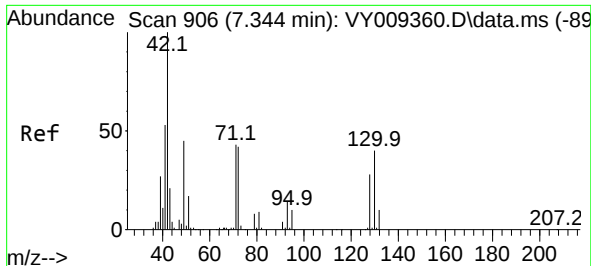
Tgt Ion: 96 Resp: 99422
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 319.8
 98 64.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 56.189 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

Tgt Ion: 49 Resp: 72913
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 77.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 278.920 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

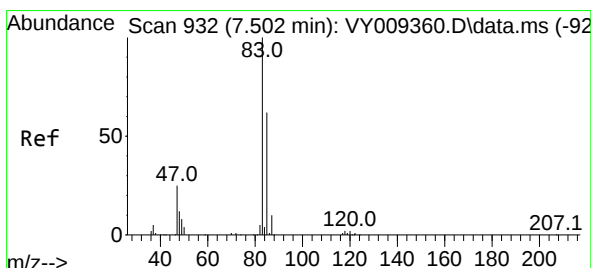
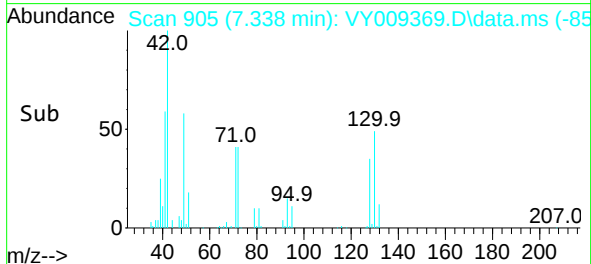
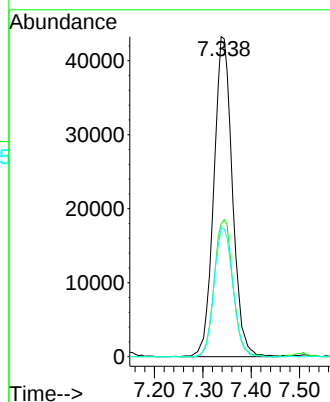
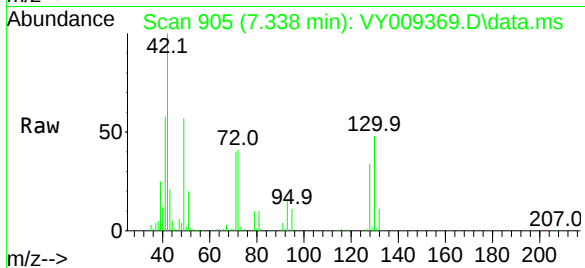
Tgt Ion: 42 Resp: 115315

Ion Ratio Lower Upper

42 100

72 42.9 30.3 45.5

71 40.8 29.0 43.4



#30

Chloroform

Concen: 49.994 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY009369.D

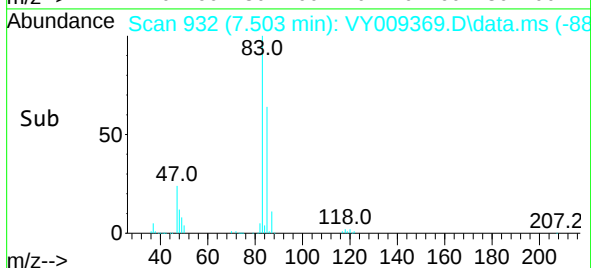
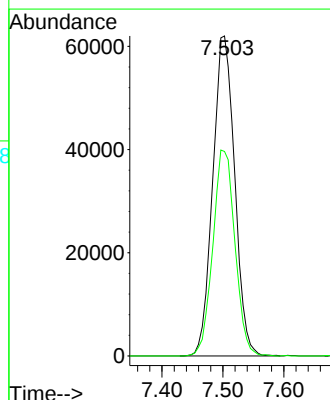
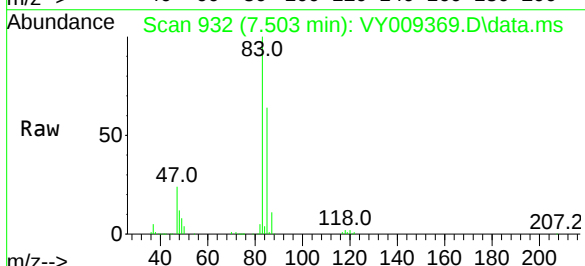
Acq: 29 Jun 2022 12:10

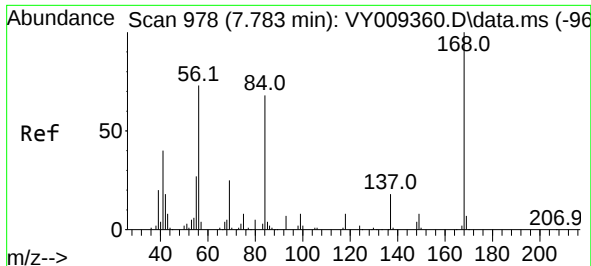
Tgt Ion: 83 Resp: 155281

Ion Ratio Lower Upper

83 100

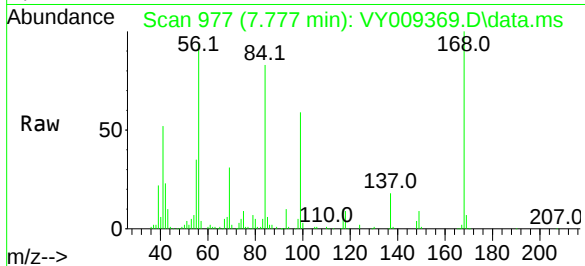
85 63.9 51.8 77.6



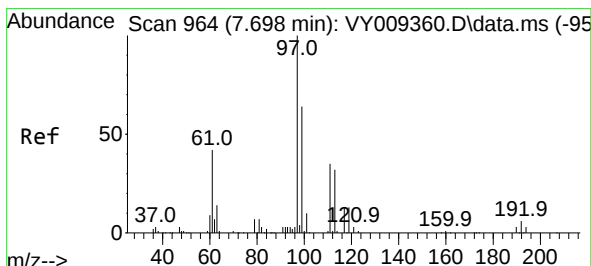
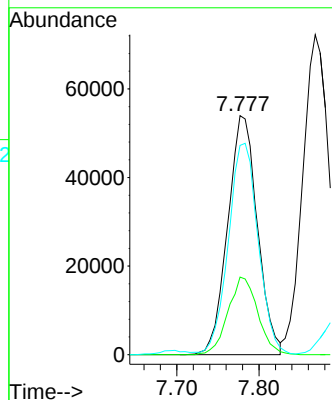
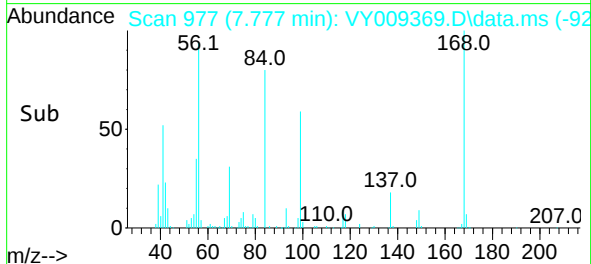


#31
Cyclohexane
Concen: 48.610 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

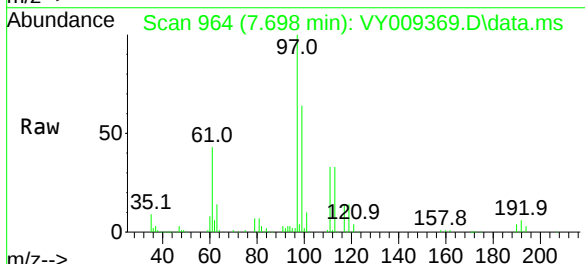
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



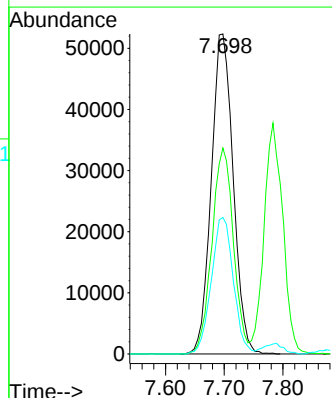
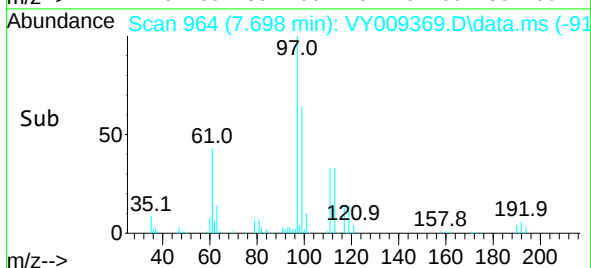
Tgt Ion: 56 Resp: 135416
Ion Ratio Lower Upper
56 100
69 32.4 26.7 40.1
84 86.3 67.2 100.8

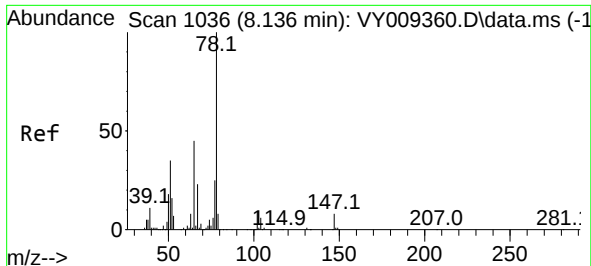


#32
1,1,1-Trichloroethane
Concen: 48.755 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10



Tgt Ion: 97 Resp: 135609
Ion Ratio Lower Upper
97 100
99 63.0 50.7 76.1
61 42.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.163 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

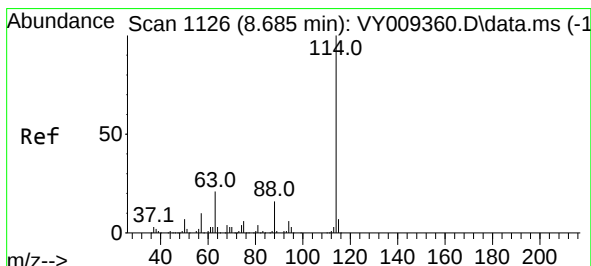
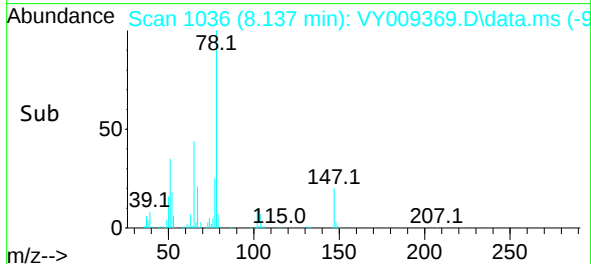
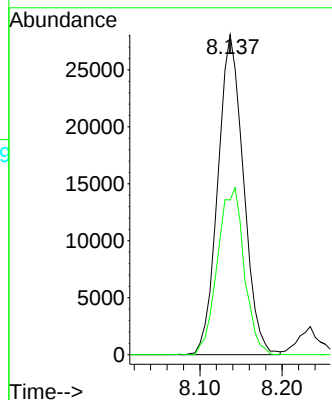
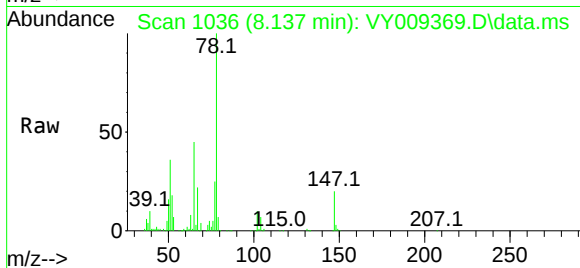
VSTDCCC050

Tgt Ion: 65 Resp: 60889

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

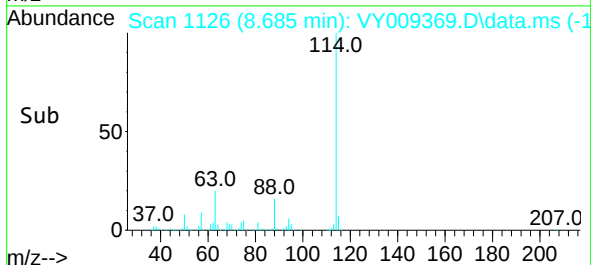
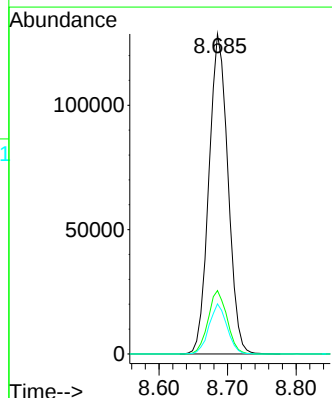
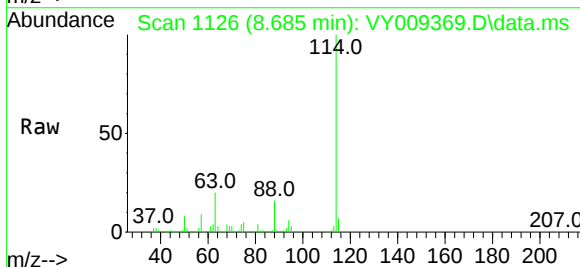
Tgt Ion: 114 Resp: 248220

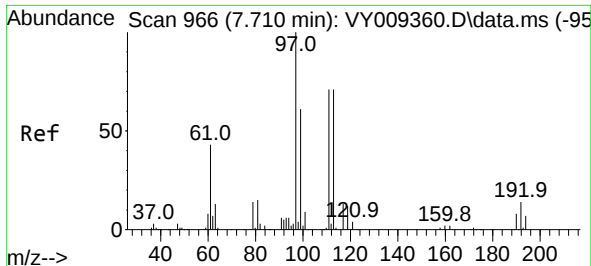
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.6 0.0 31.8

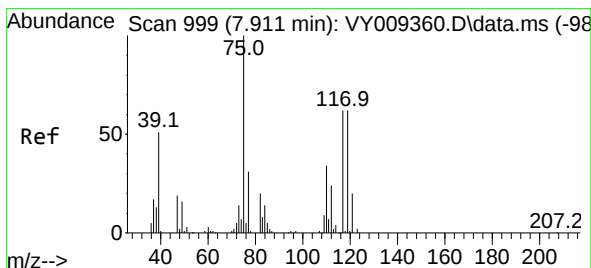
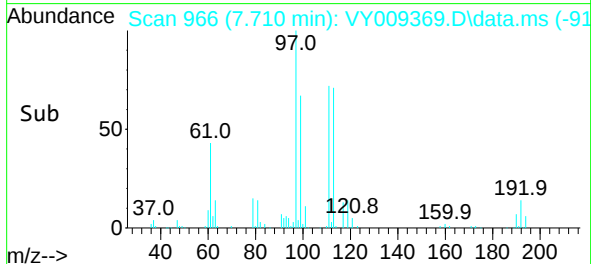
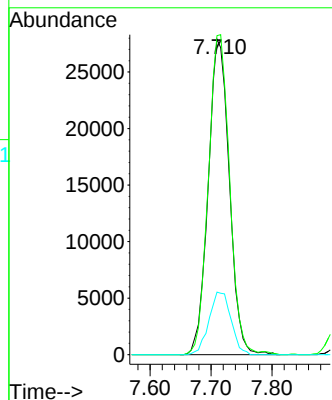
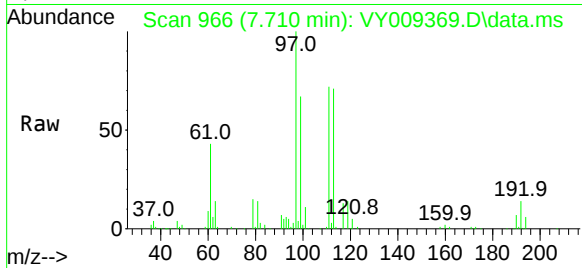




#35
Dibromofluoromethane
Concen: 49.218 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

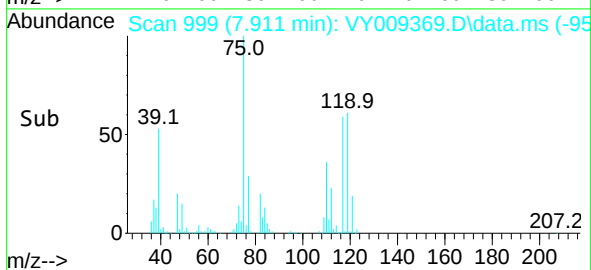
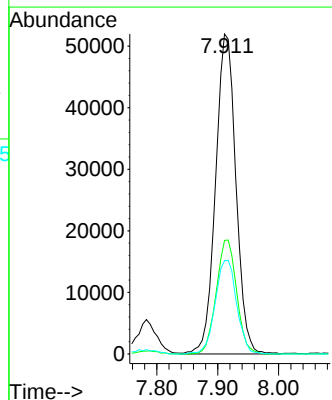
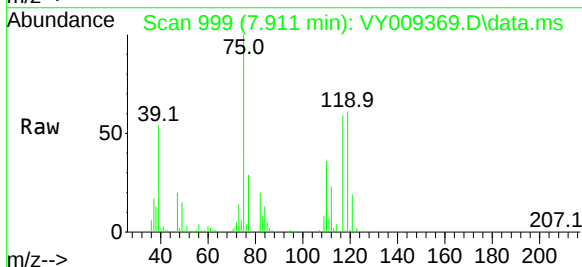
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

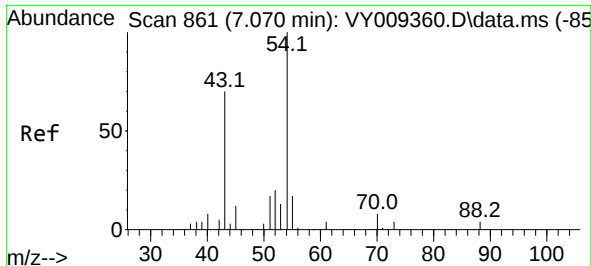
Tgt Ion:113 Resp: 67239
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.532 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 75 Resp: 120704
Ion Ratio Lower Upper
75 100
110 35.6 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 53.027 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

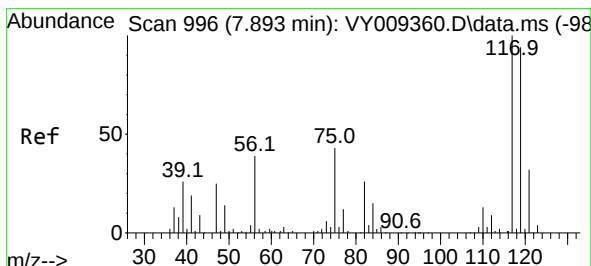
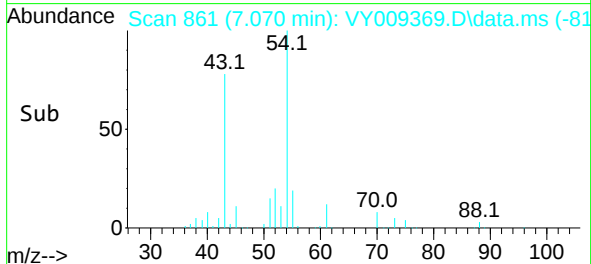
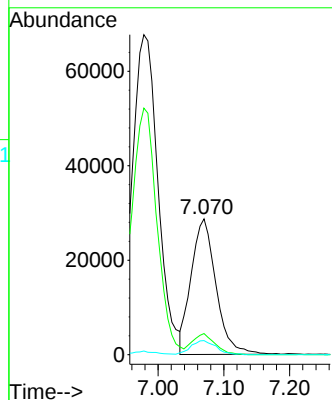
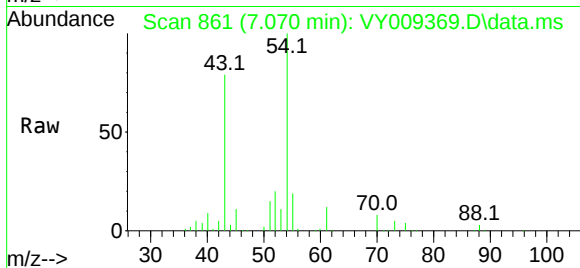
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	75117
Ion	Ratio	Lower	Upper
43	100		
61	14.2	9.7	14.5
70	10.4	7.1	10.7



#38

Carbon Tetrachloride

Concen: 49.405 ug/l

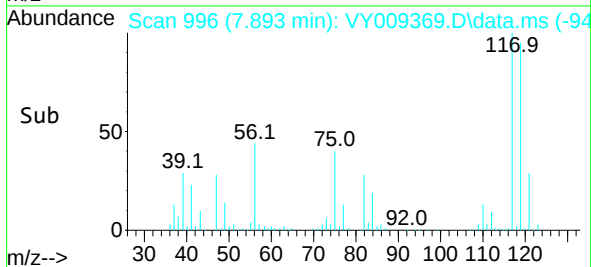
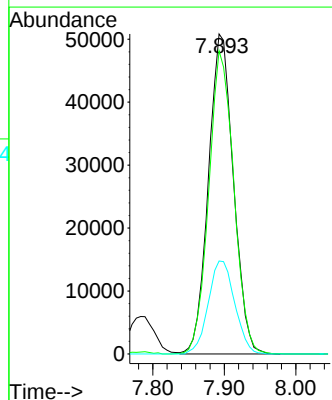
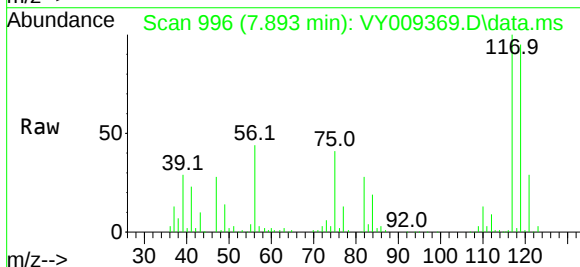
RT: 7.893 min Scan# 996

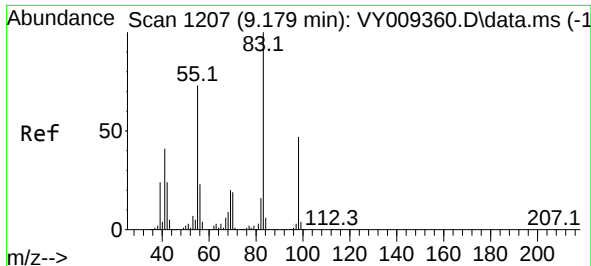
Delta R.T. -0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Tgt Ion:	117	Resp:	123352
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.9	116.9
121	29.0	24.8	37.2





#39

Methylcyclohexane

Concen: 49.891 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

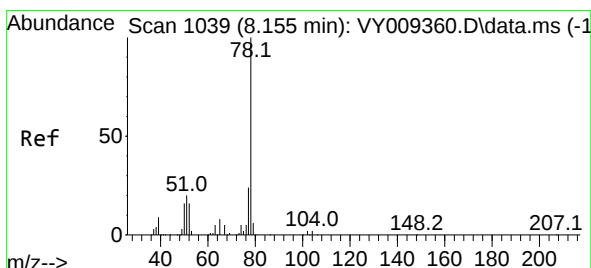
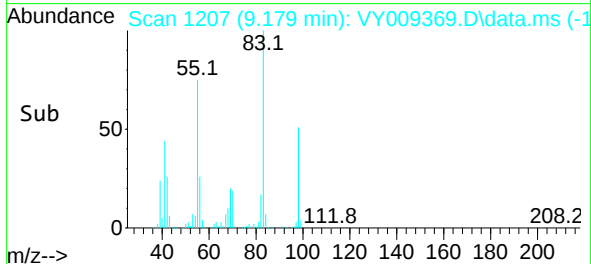
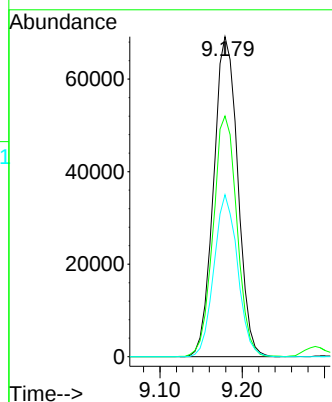
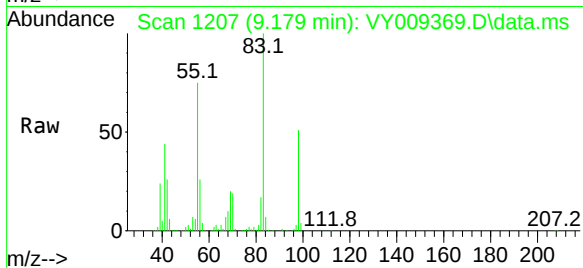
Tgt Ion: 83 Resp: 141047

Ion Ratio Lower Upper

83 100

55 75.1 66.5 99.7

98 50.6 37.9 56.9



#40

Benzene

Concen: 50.396 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009369.D

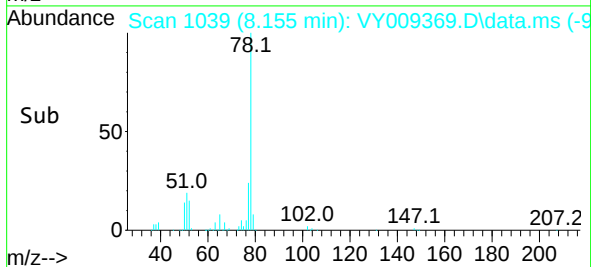
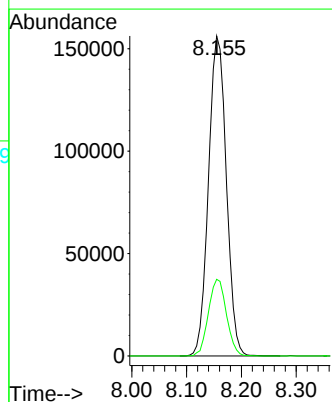
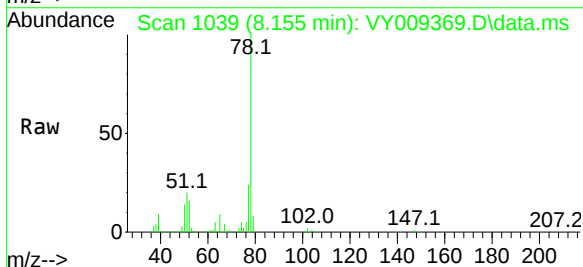
Acq: 29 Jun 2022 12:10

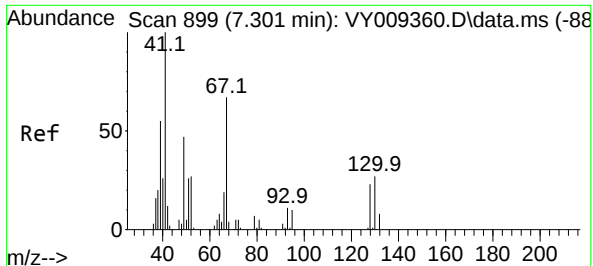
Tgt Ion: 78 Resp: 352042

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

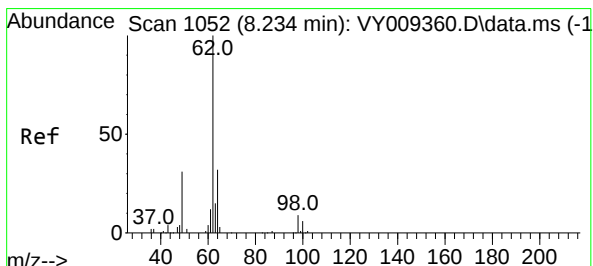
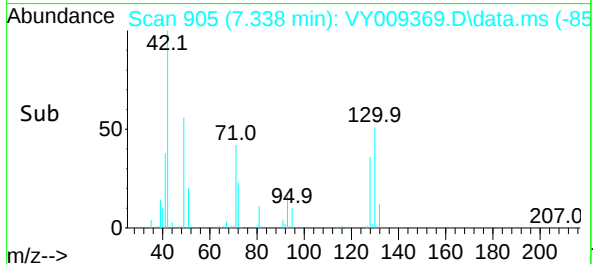
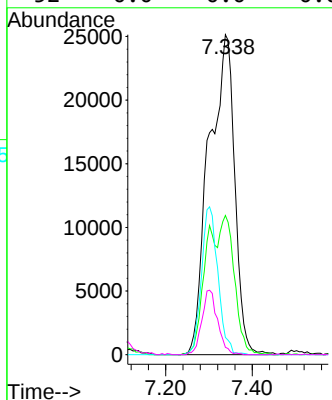
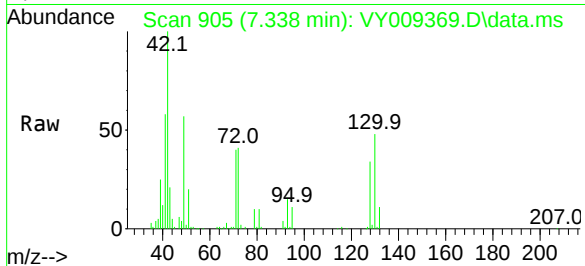




#41
Methacrylonitrile
Concen: 129.414 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

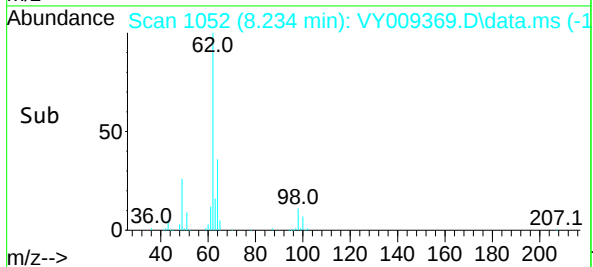
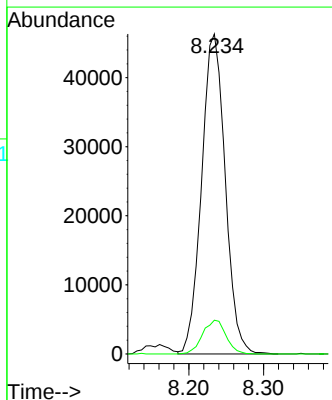
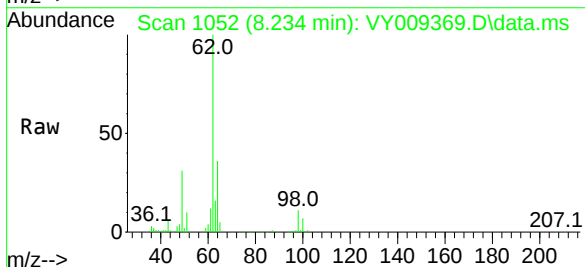
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

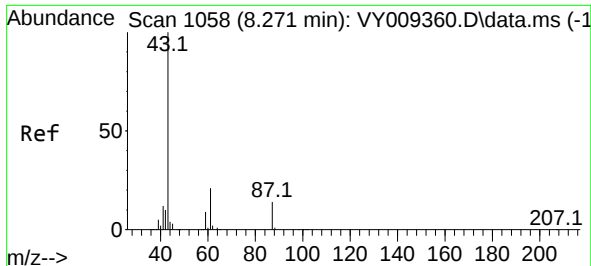
Tgt Ion: 41 Resp: 103569
Ion Ratio Lower Upper
41 100
39 24.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.741 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 62 Resp: 101677
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8

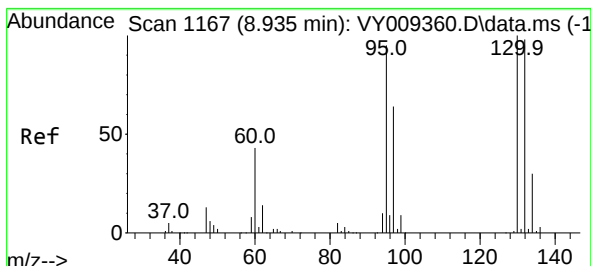
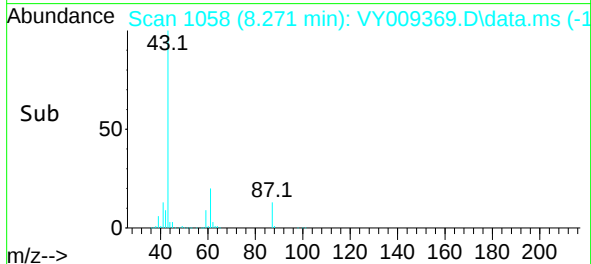
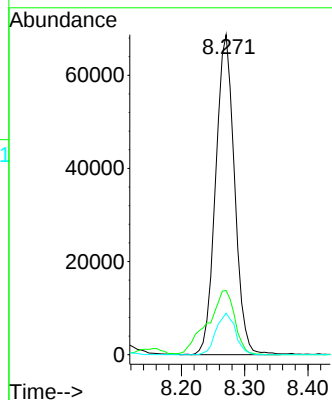
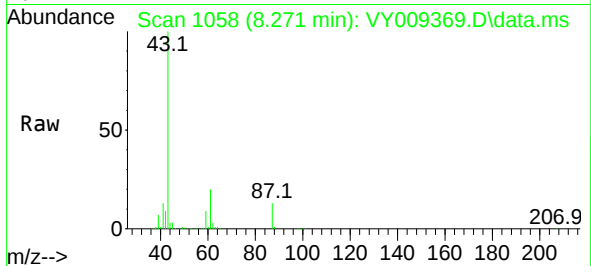




#43
Isopropyl Acetate
Concen: 54.623 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

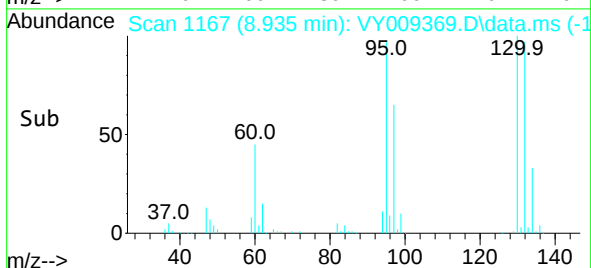
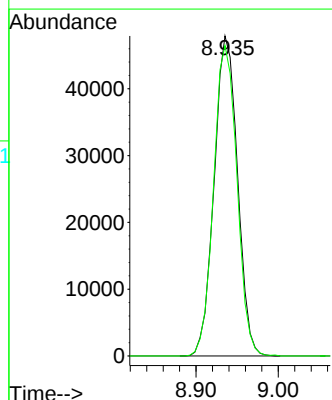
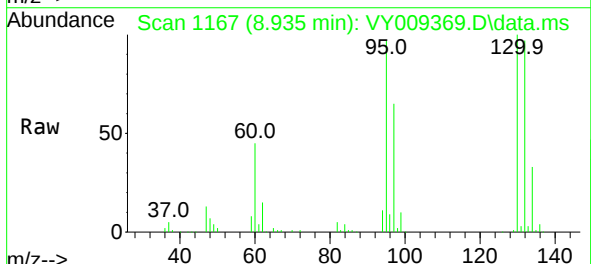
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

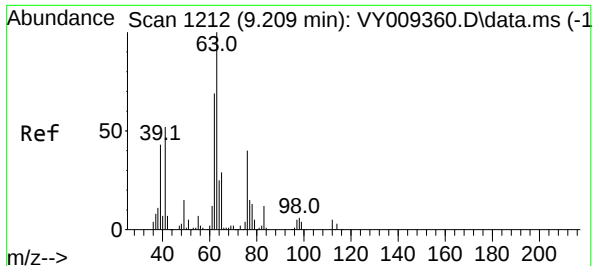
Tgt Ion: 43 Resp: 142063
Ion Ratio Lower Upper
43 100
61 28.9 20.2 30.2
87 13.3 8.9 13.3



#44
Trichloroethene
Concen: 48.760 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion:130 Resp: 94641
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.811 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

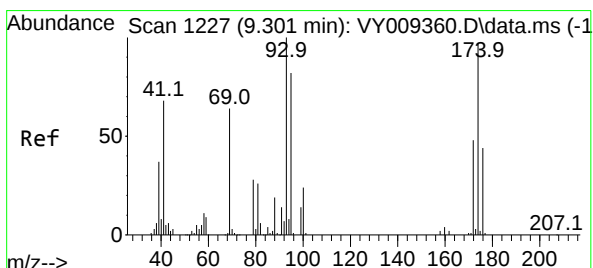
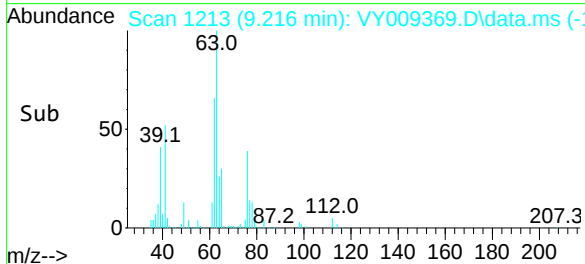
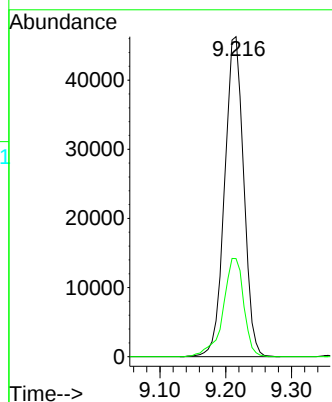
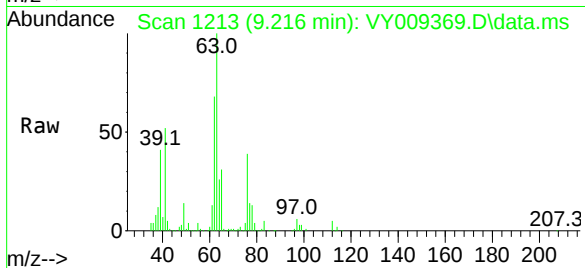
VSTDCCC050

Tgt Ion: 63 Resp: 93447

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.6



#46

Dibromomethane

Concen: 52.452 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

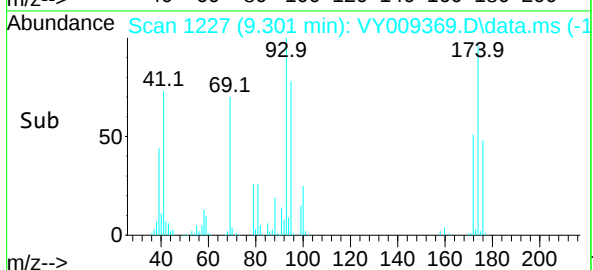
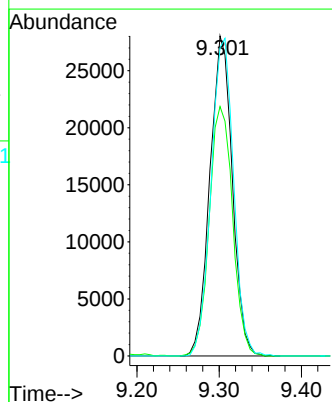
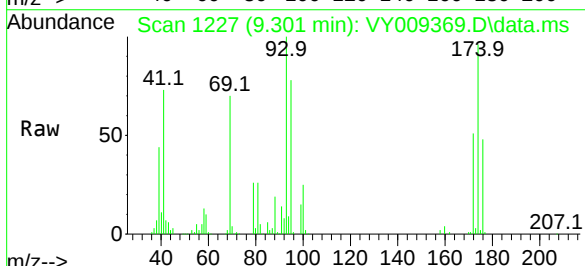
Tgt Ion: 93 Resp: 53170

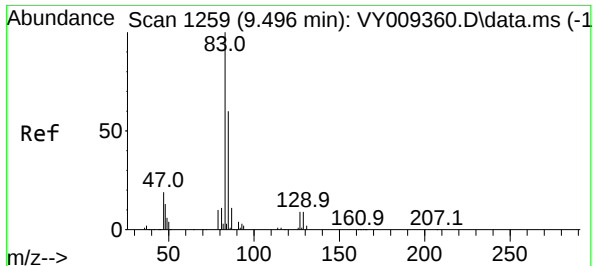
Ion Ratio Lower Upper

93 100

95 81.1 64.3 96.5

174 99.6 83.4 125.0

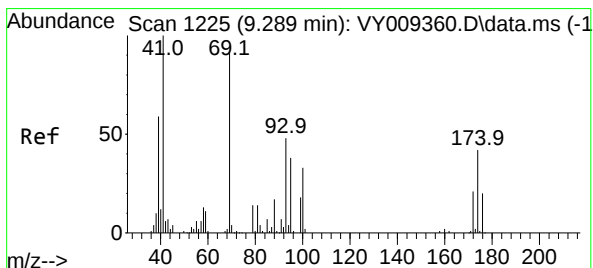
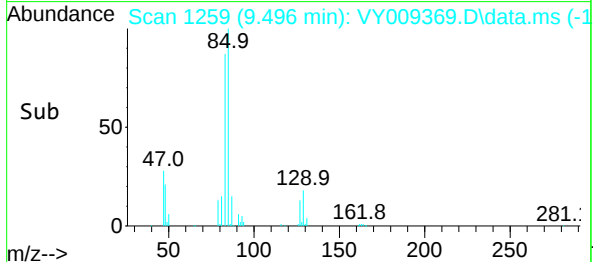
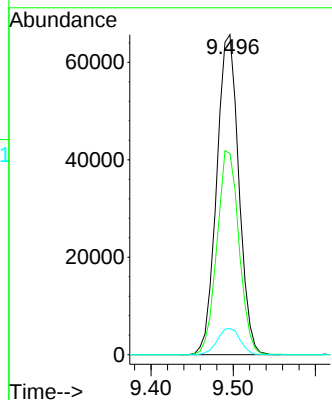
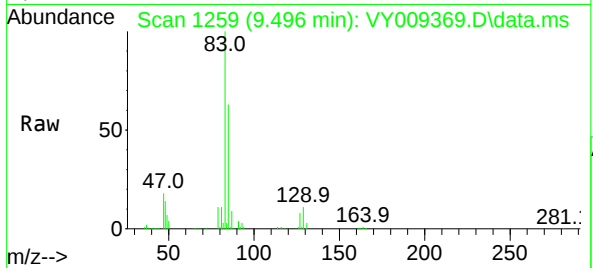




#47
Bromodichloromethane
Concen: 51.083 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

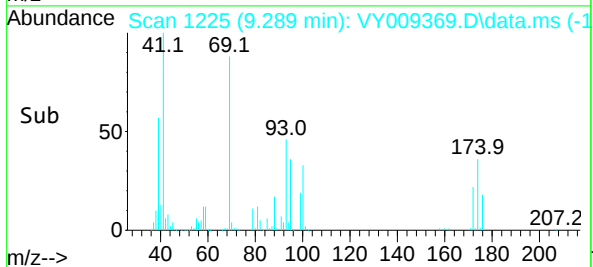
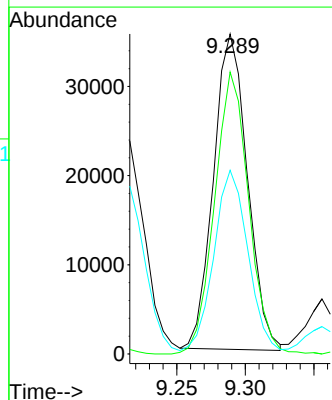
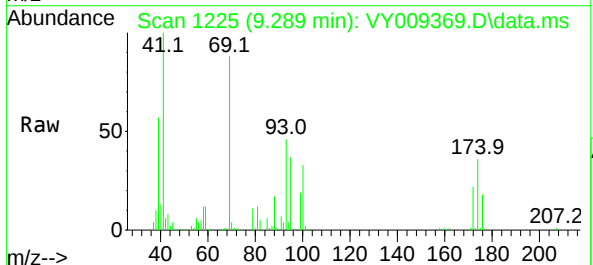
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

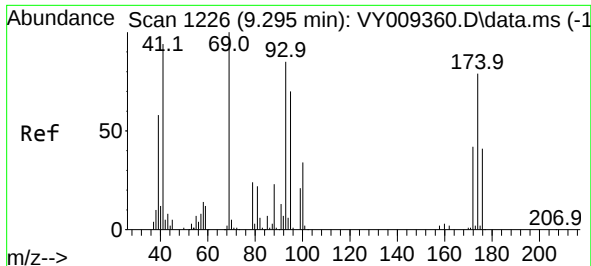
Tgt Ion: 83 Resp: 122629
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 54.308 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 41 Resp: 60890
Ion Ratio Lower Upper
41 100
69 90.0 58.2 87.2#
39 59.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1071.242 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY009369.D

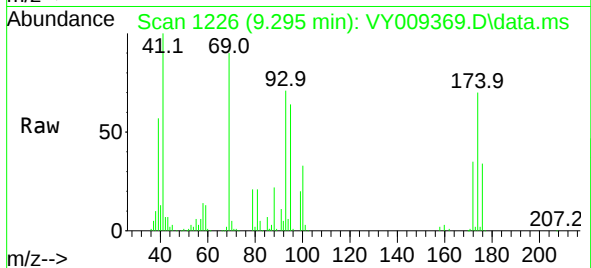
Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



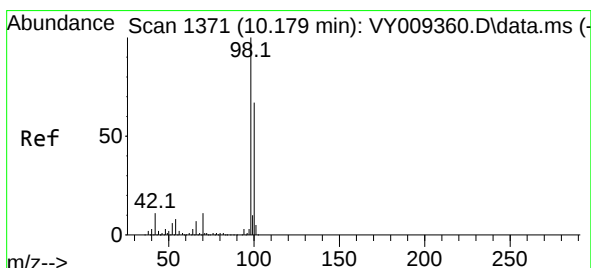
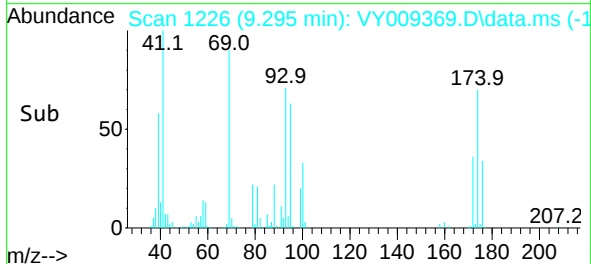
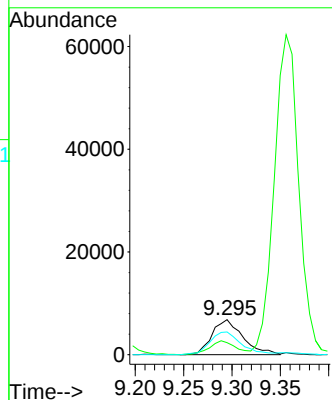
Tgt Ion: 88 Resp: 15137

Ion Ratio Lower Upper

88 100

43 34.6 32.8 49.2

58 66.1 59.8 89.6



#50

Toluene-d8

Concen: 49.934 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009369.D

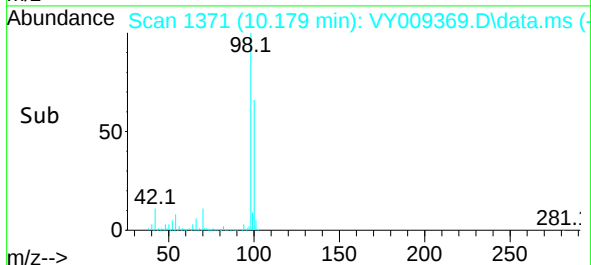
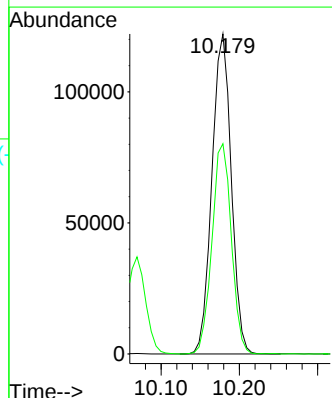
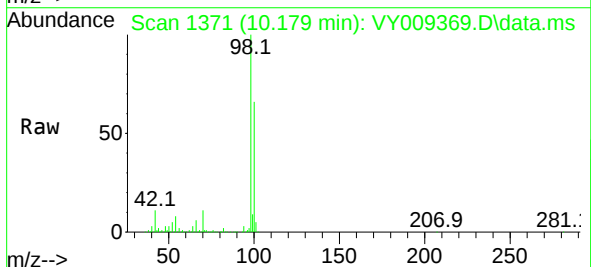
Acq: 29 Jun 2022 12:10

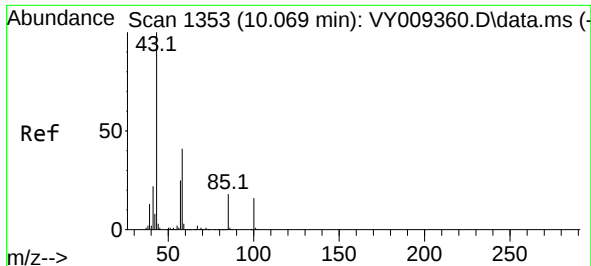
Tgt Ion: 98 Resp: 209155

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

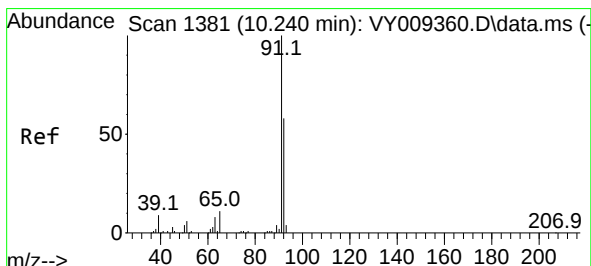
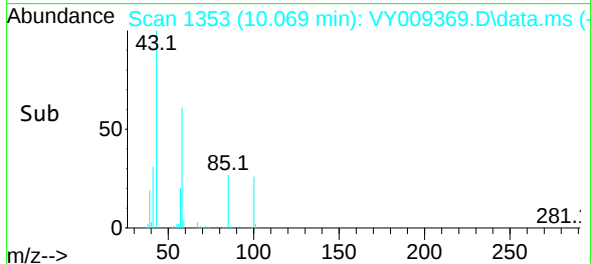
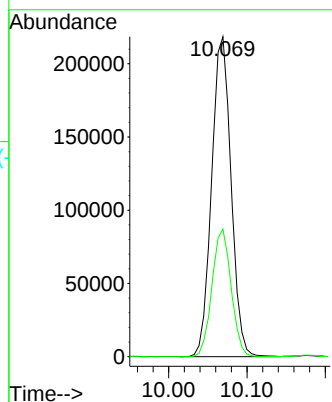
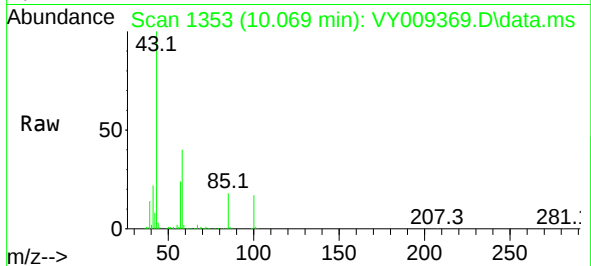




#51
4-Methyl-2-Pentanone
Concen: 280.737 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

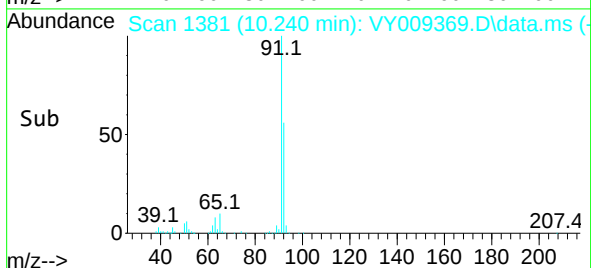
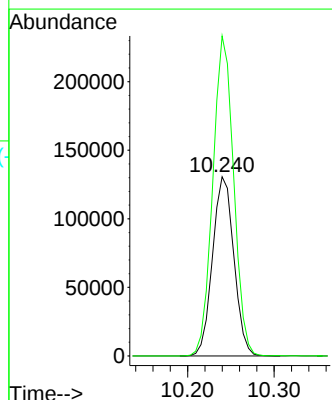
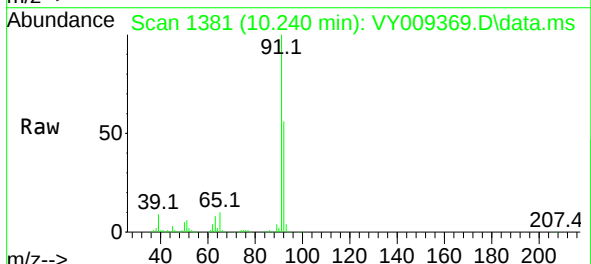
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

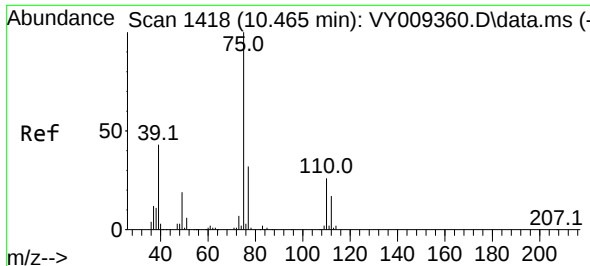
Tgt Ion: 43 Resp: 376457
Ion Ratio Lower Upper
43 100
58 39.3 28.1 42.1



#52
Toluene
Concen: 50.738 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 92 Resp: 223618
Ion Ratio Lower Upper
92 100
91 174.5 142.6 213.8

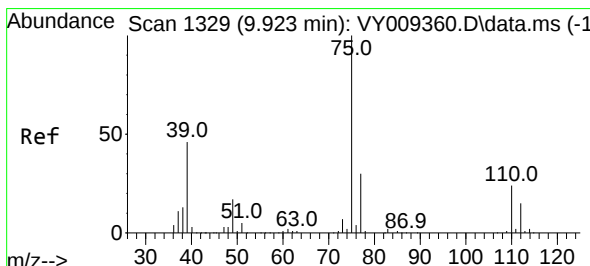
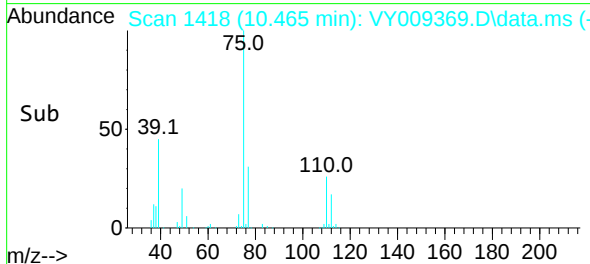
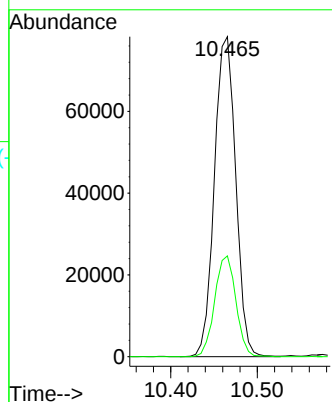
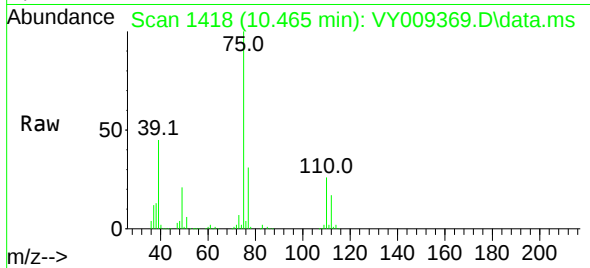




#53
t-1,3-Dichloropropene
Concen: 55.720 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

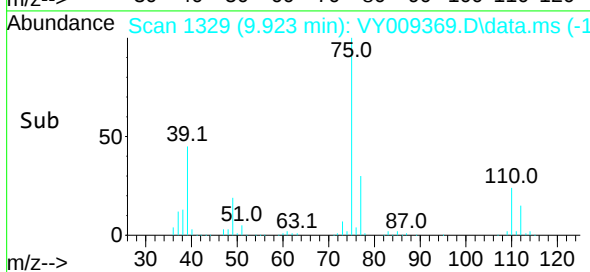
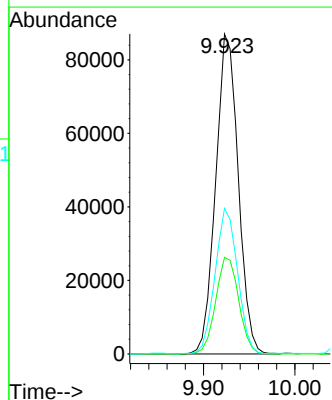
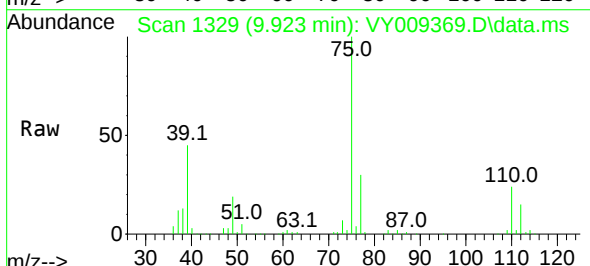
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

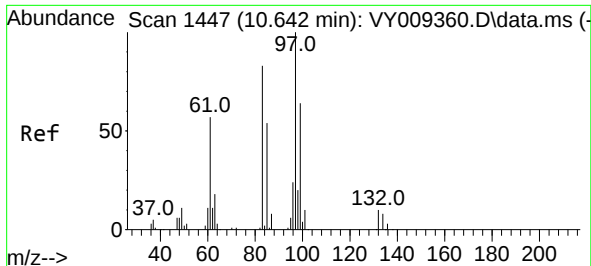
Tgt Ion: 75 Resp: 133804
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.049 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 75 Resp: 149236
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4
39 45.4 47.6 71.4#

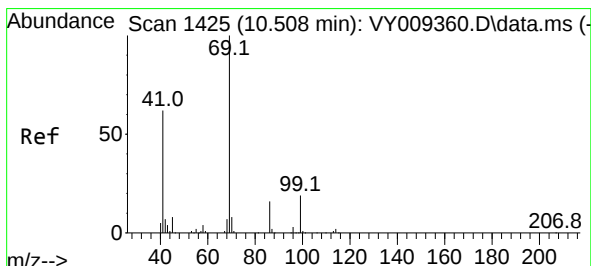
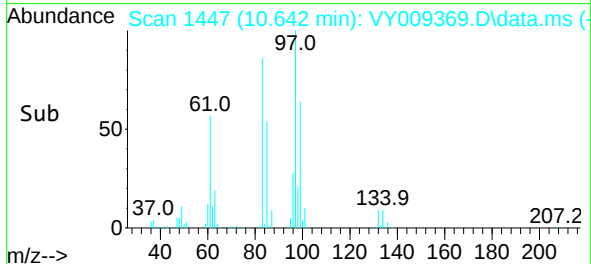
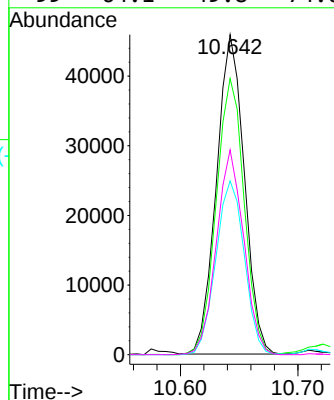
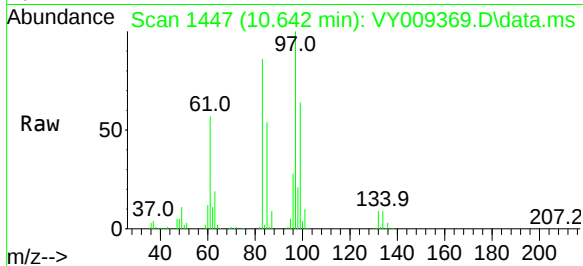




#55
1,1,2-Trichloroethane
Concen: 55.957 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

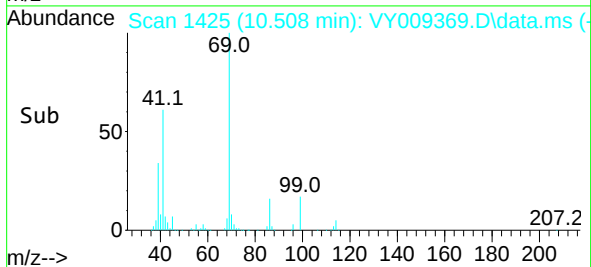
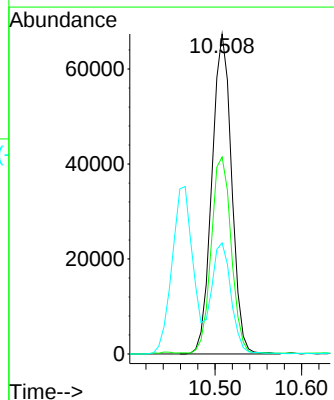
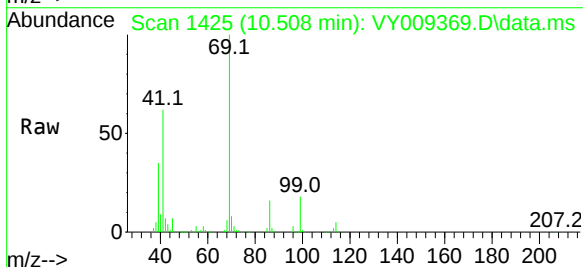
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

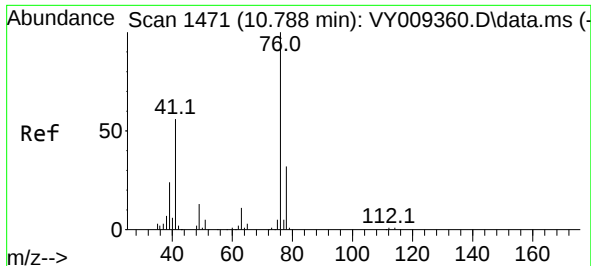
Tgt Ion: 97	Resp: 75467
Ion Ratio	Lower Upper
97 100	
83 86.5	69.8 104.8
85 54.4	44.3 66.5
99 64.1	49.8 74.6



#56
Ethyl methacrylate
Concen: 61.856 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 69	Resp: 106483
Ion Ratio	Lower Upper
69 100	
41 61.9	63.4 95.0#
39 34.9	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 53.633 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

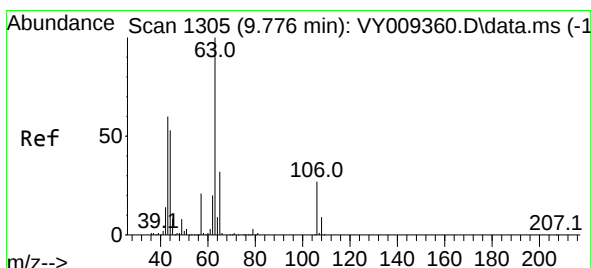
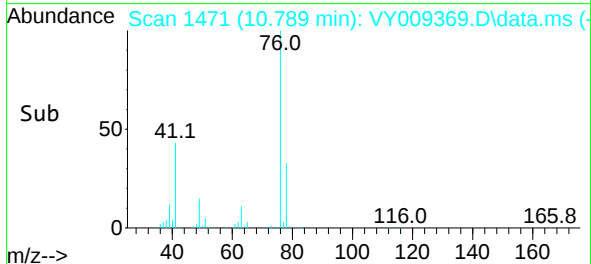
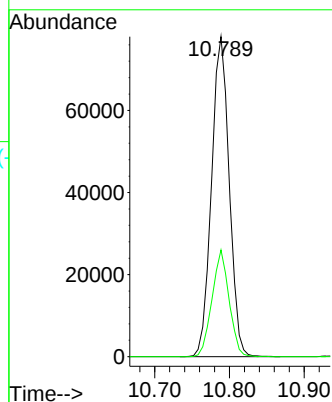
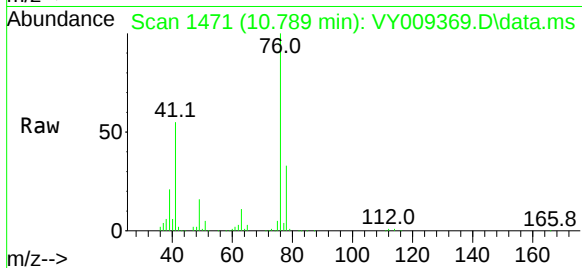
VSTDCCC050

Tgt Ion: 76 Resp: 128138

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 293.631 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.001 min

Lab File: VY009369.D

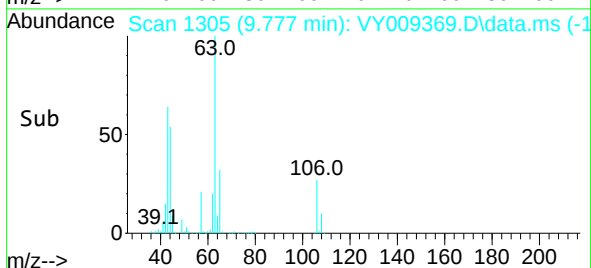
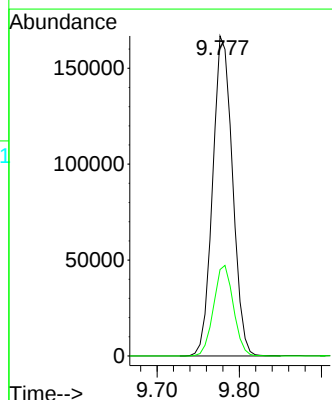
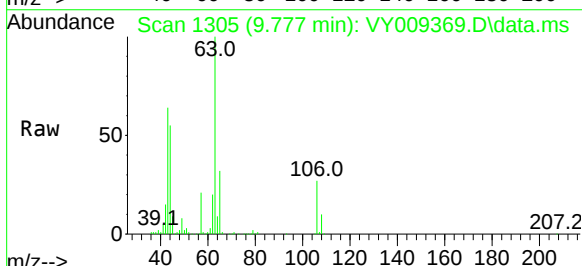
Acq: 29 Jun 2022 12:10

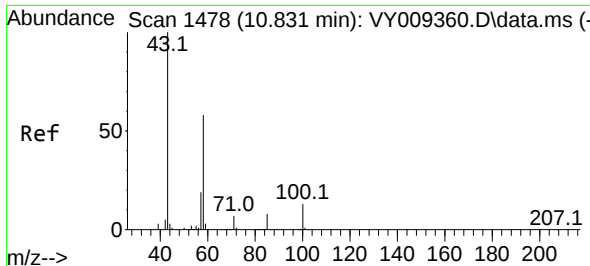
Tgt Ion: 63 Resp: 279867

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3

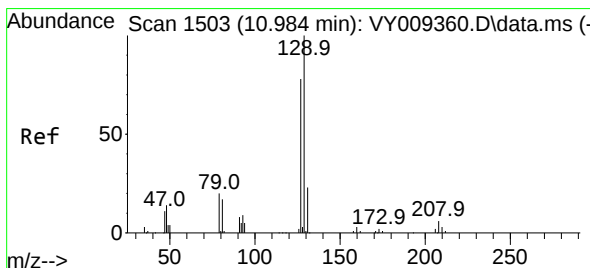
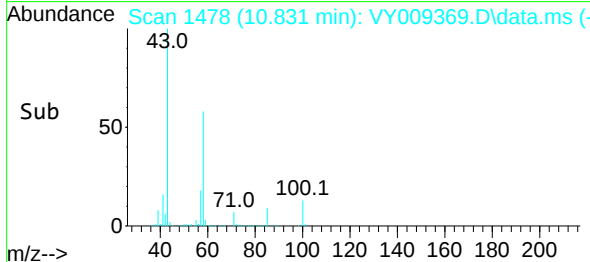
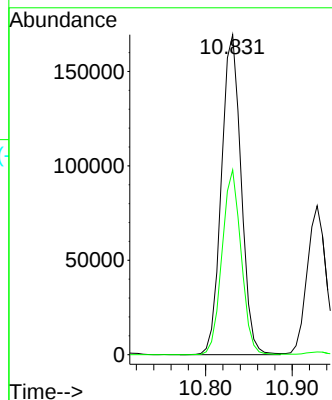
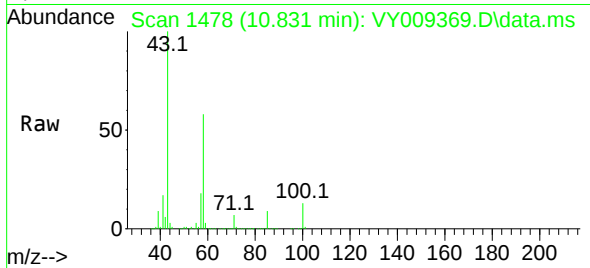




#59
2-Hexanone
Concen: 289.178 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

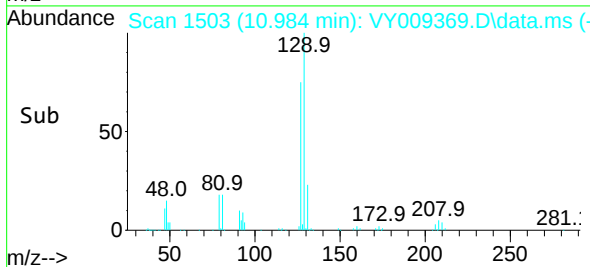
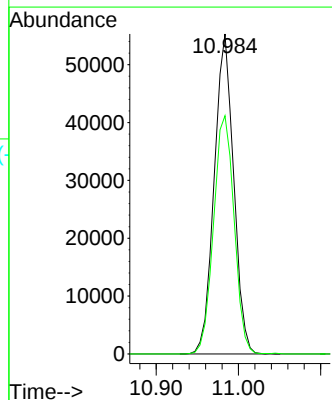
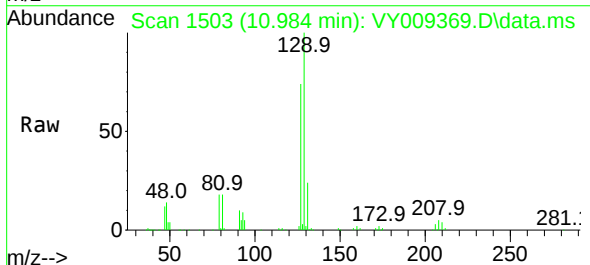
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

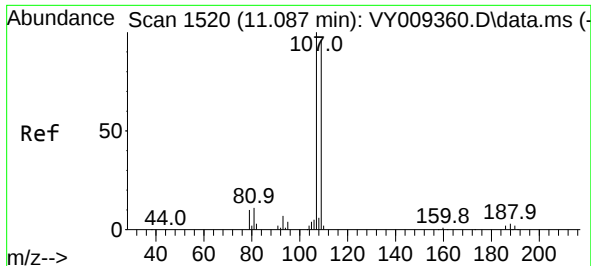
Tgt Ion: 43 Resp: 267871
Ion Ratio Lower Upper
43 100
58 56.0 24.4 73.4



#60
Dibromochloromethane
Concen: 53.246 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 129 Resp: 90878
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1

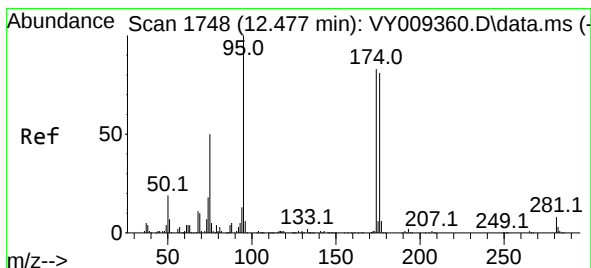
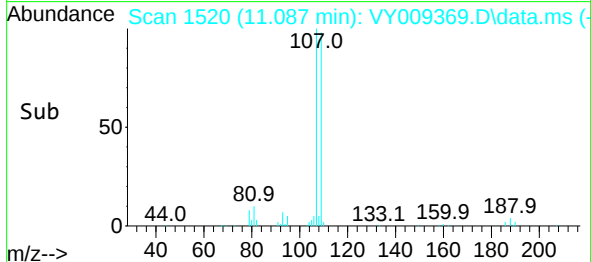
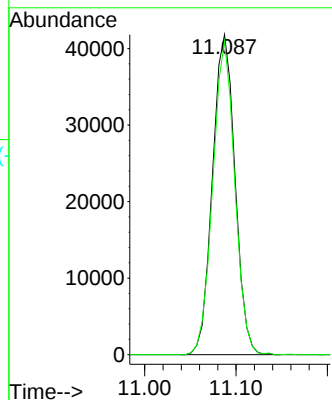
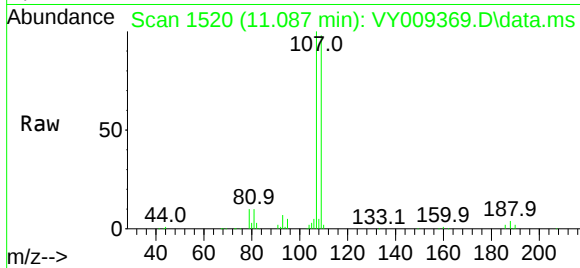




#61
1,2-Dibromoethane
Concen: 52.763 ug/l
RT: 11.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

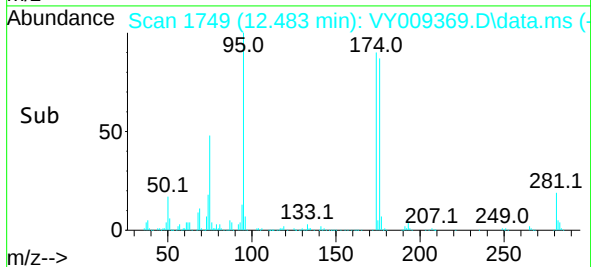
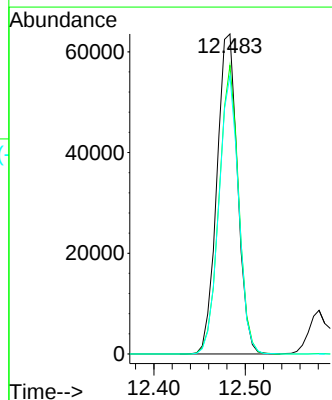
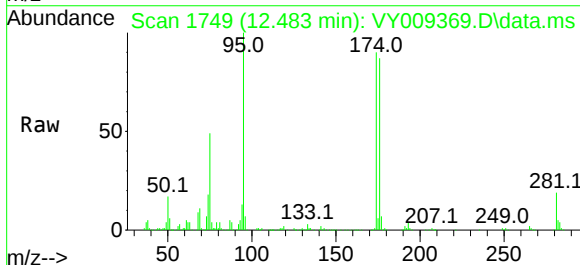
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

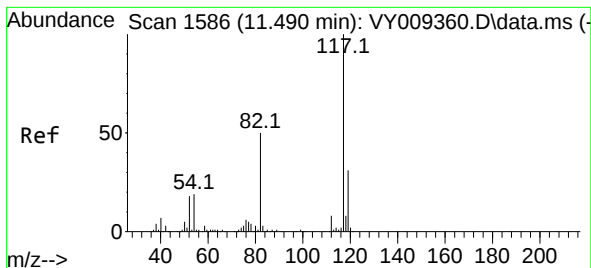
Tgt Ion:107 Resp: 71441
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.276 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 95 Resp: 99875
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 83.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

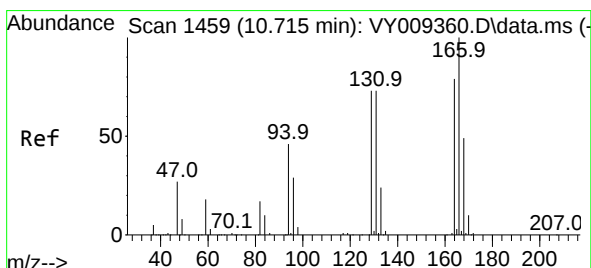
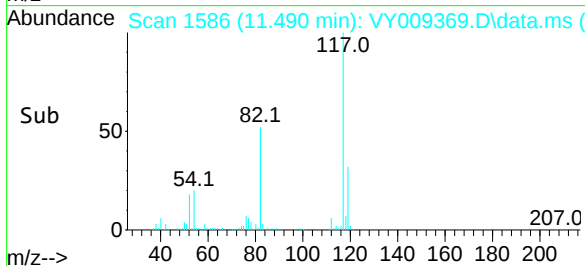
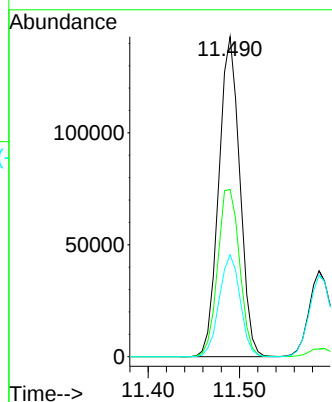
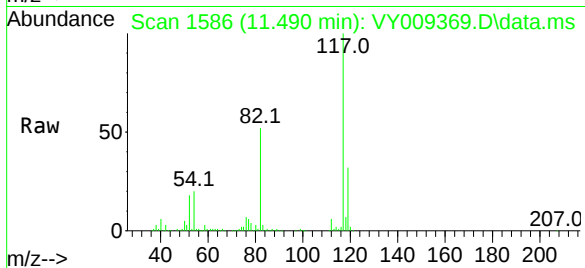
Tgt Ion:117 Resp: 228375

Ion Ratio Lower Upper

117 100

82 52.2 43.0 64.4

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 49.104 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Tgt Ion:164 Resp: 104402

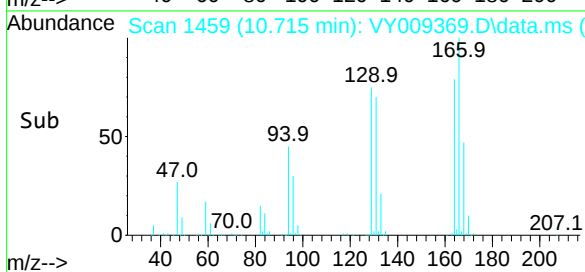
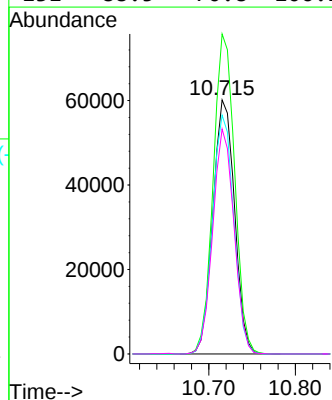
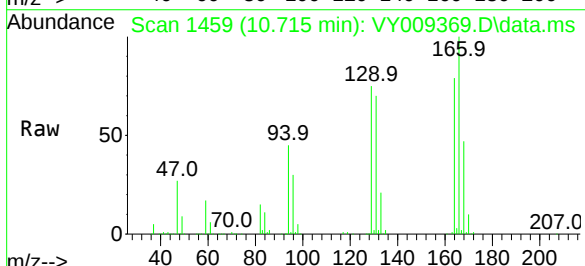
Ion Ratio Lower Upper

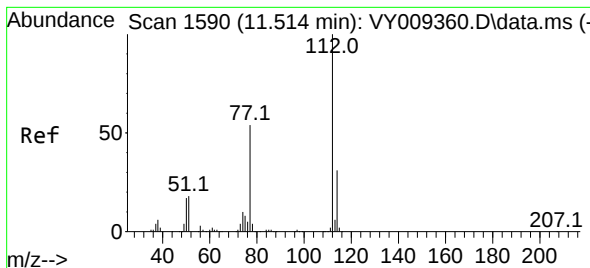
164 100

166 125.9 100.4 150.6

129 94.0 71.4 107.0

131 88.5 70.8 106.2

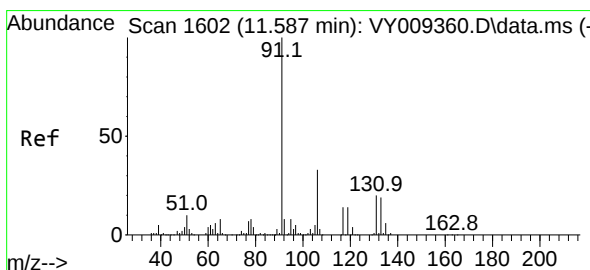
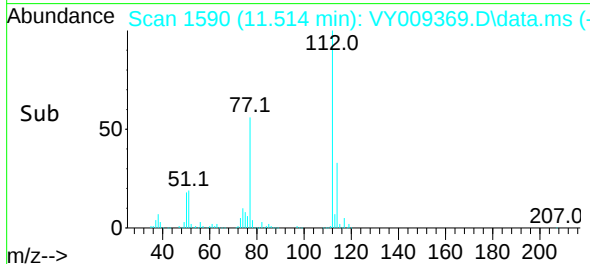
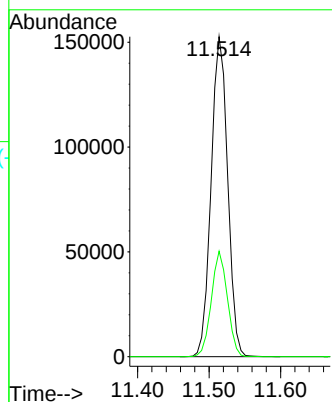
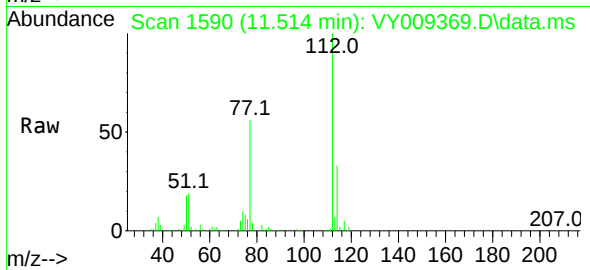




#65
Chlorobenzene
Concen: 50.217 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

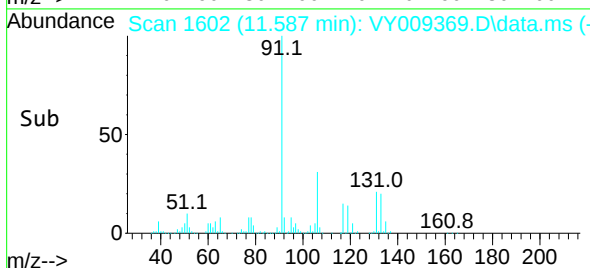
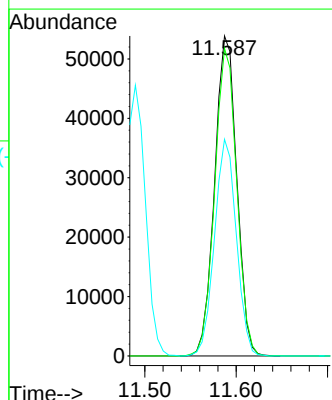
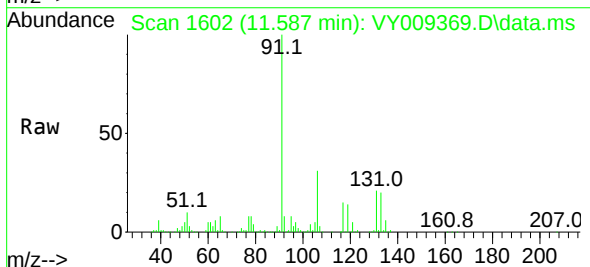
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

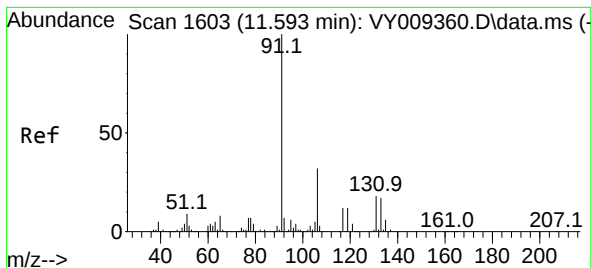
Tgt Ion:112 Resp: 245388
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.608 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion:131 Resp: 90711
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 66.9 30.8 92.3





#67

Ethyl Benzene

Concen: 51.082 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

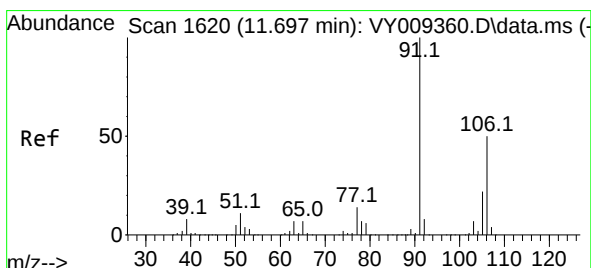
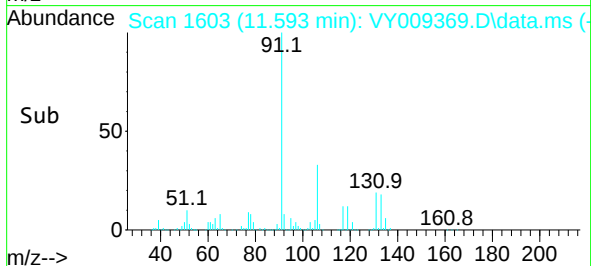
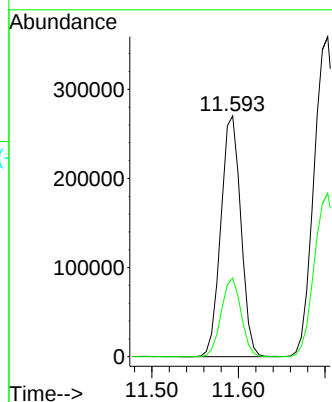
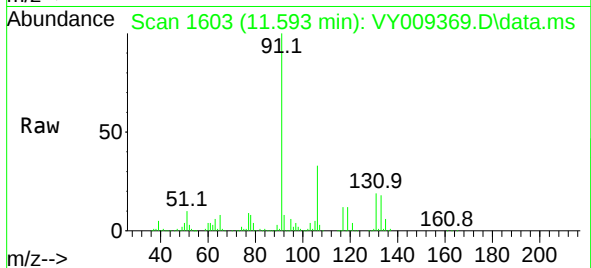
VSTDCCC050

Tgt Ion: 91 Resp: 433027

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#68

m/p-Xylenes

Concen: 100.250 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009369.D

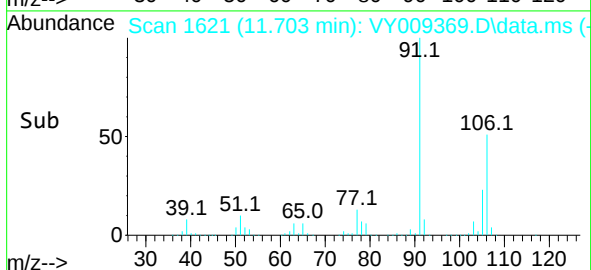
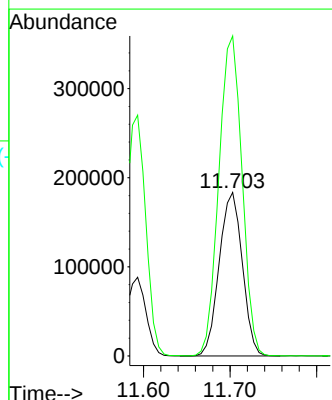
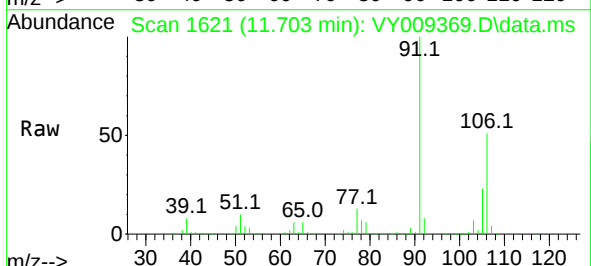
Acq: 29 Jun 2022 12:10

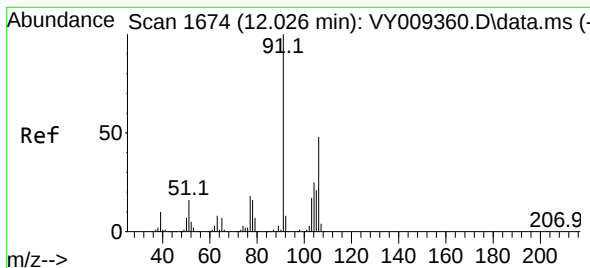
Tgt Ion:106 Resp: 339815

Ion Ratio Lower Upper

106 100

91 196.4 166.6 249.8





#69

o-Xylene

Concen: 50.602 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

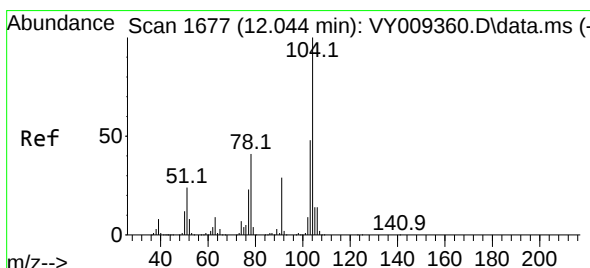
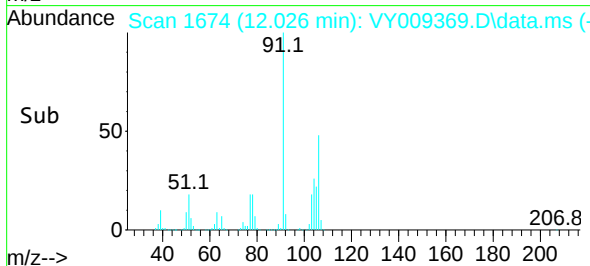
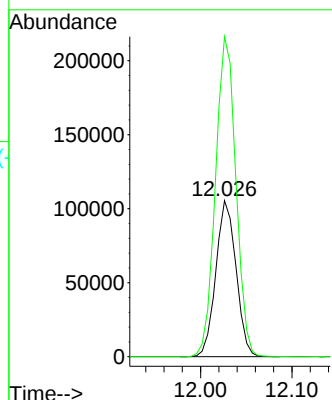
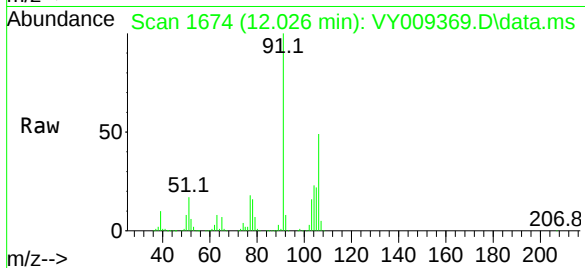
VSTDCCC050

Tgt Ion:106 Resp: 161867

Ion Ratio Lower Upper

106 100

91 207.4 110.3 331.0



#70

Styrene

Concen: 52.271 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

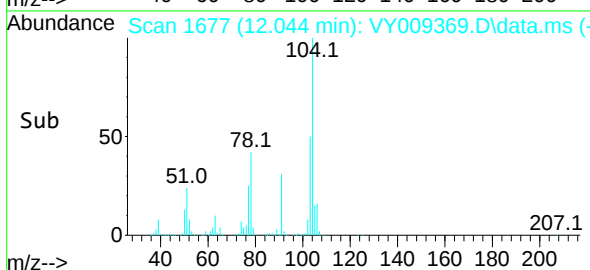
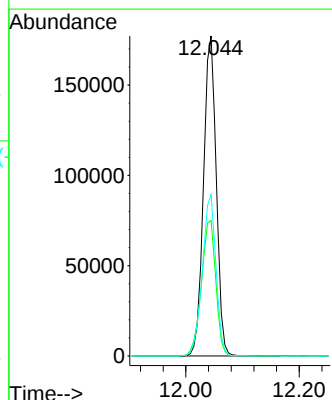
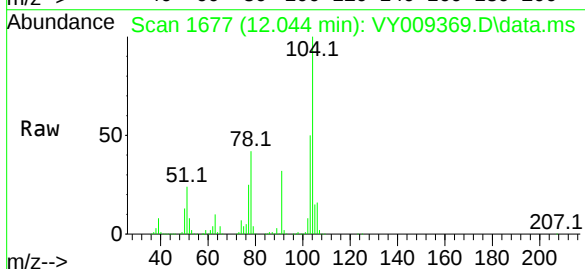
Tgt Ion:104 Resp: 277037

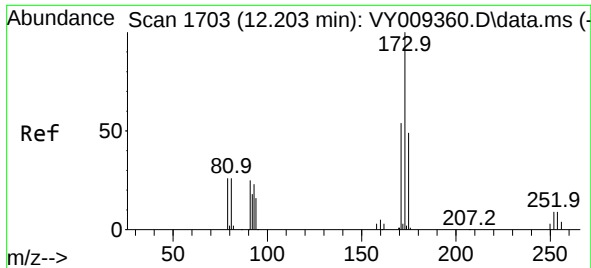
Ion Ratio Lower Upper

104 100

78 47.6 42.4 63.6

103 53.8 44.4 66.6

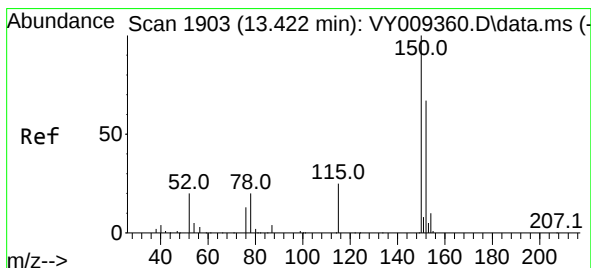
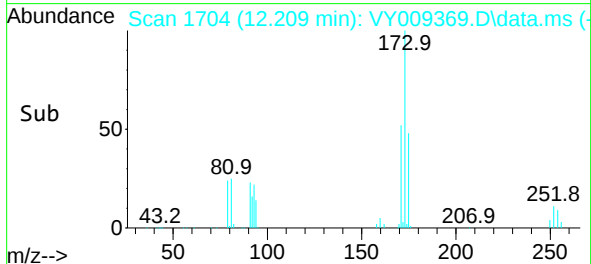
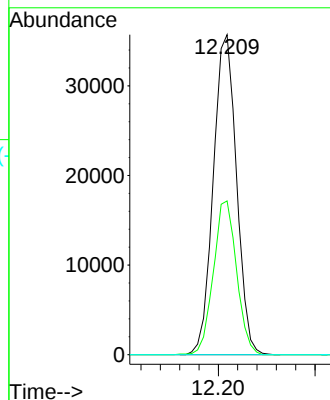
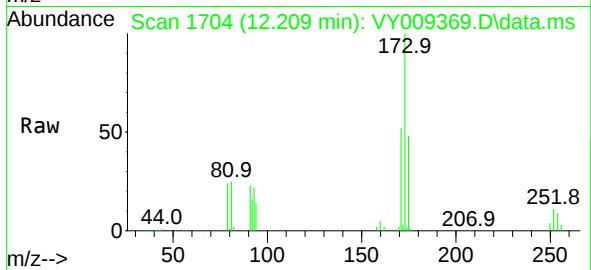




#71
Bromoform
Concen: 52.776 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

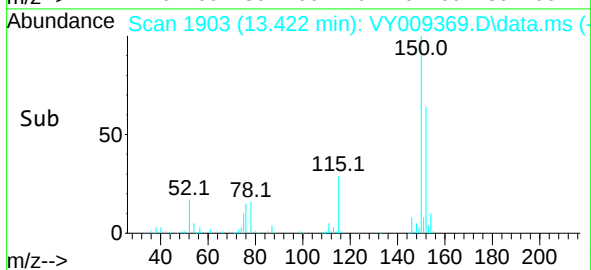
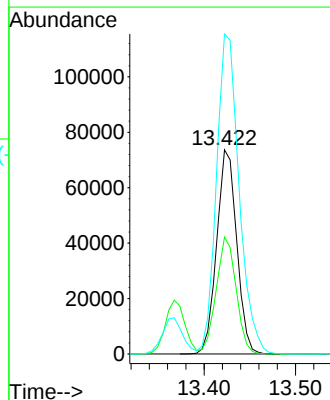
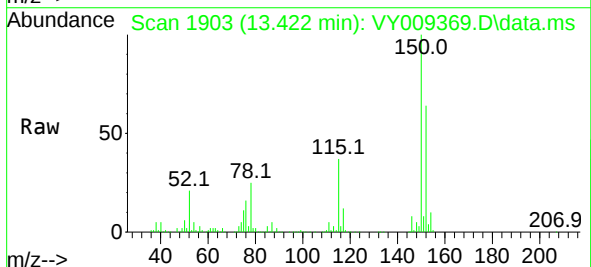
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

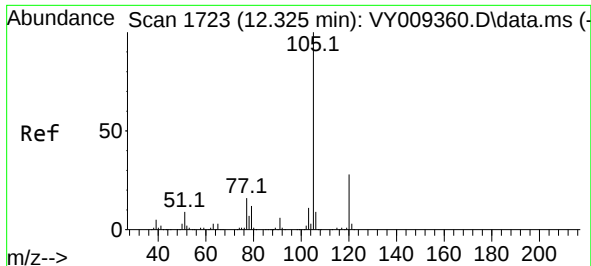
Tgt Ion:173 Resp: 59439
Ion Ratio Lower Upper
173 100
175 48.1 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion:152 Resp: 112322
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 177.2 0.0 347.6

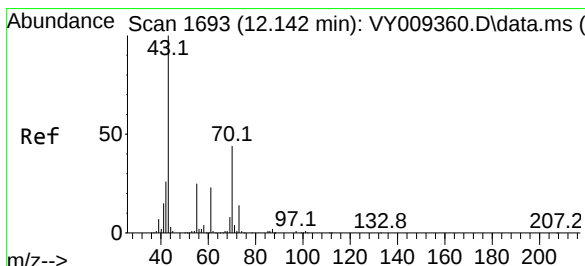
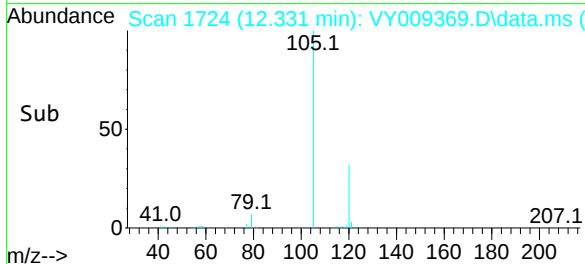
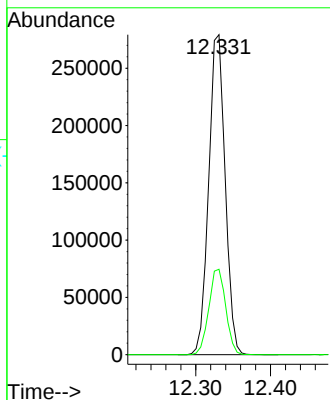
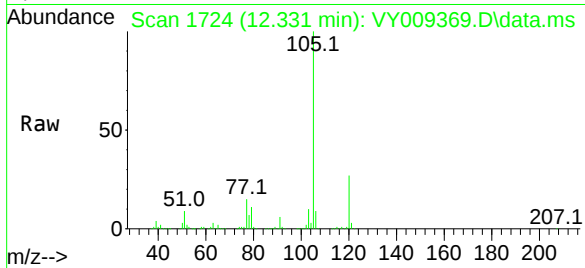




#73
Isopropylbenzene
Concen: 51.607 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

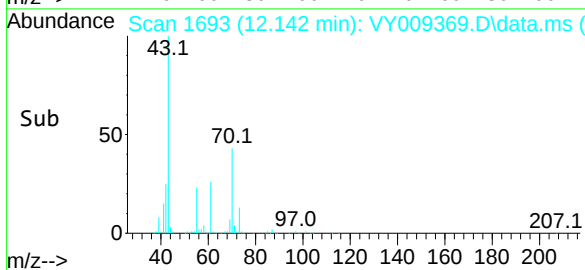
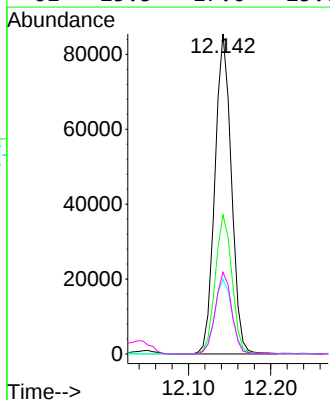
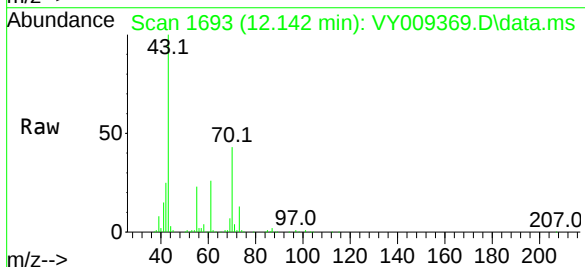
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

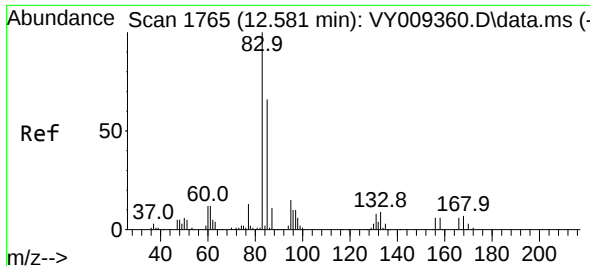
Tgt Ion:105 Resp: 428149
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-amy1 acetate
Concen: 54.727 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 43 Resp: 119096
Ion Ratio Lower Upper
43 100
70 43.9 28.7 43.1#
55 24.7 17.3 25.9
61 25.5 17.0 25.6

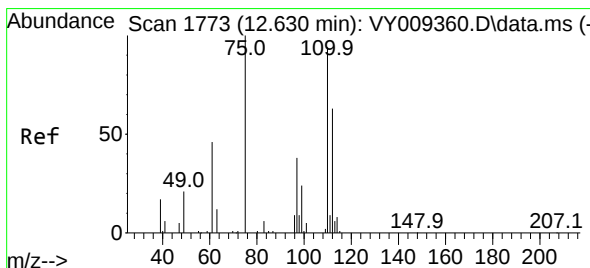
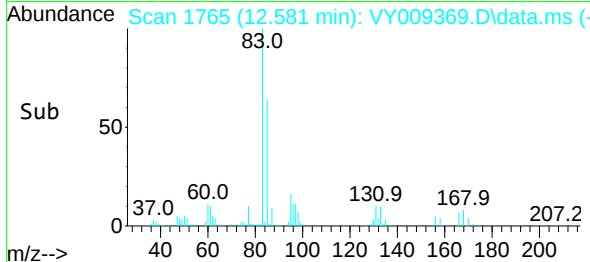
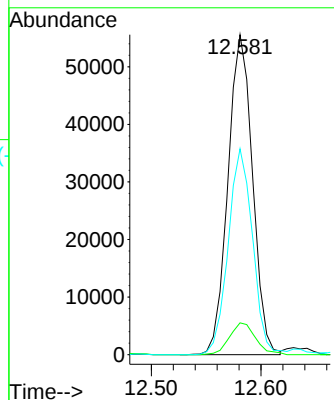
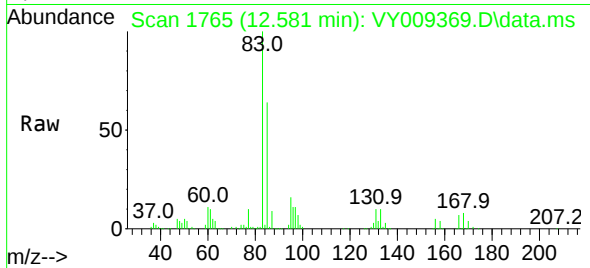




#75
1,1,2,2-Tetrachloroethane
Concen: 53.958 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

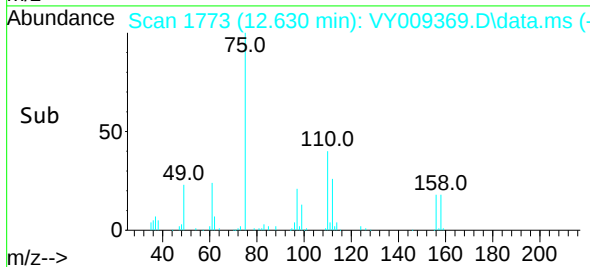
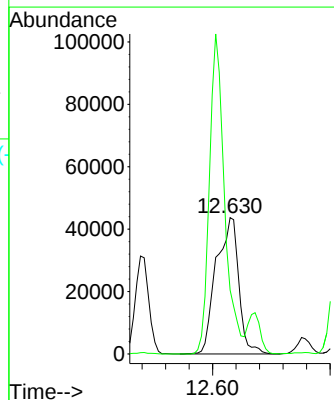
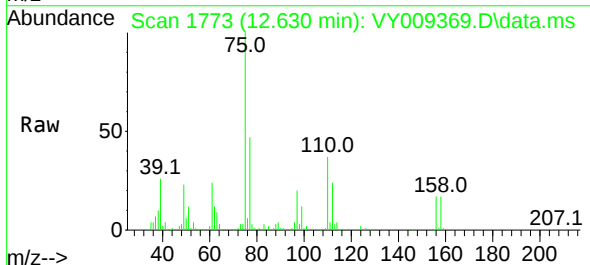
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

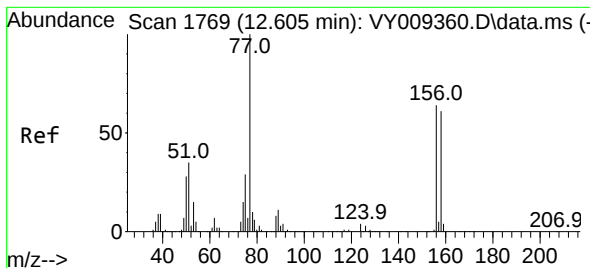
Tgt Ion: 83 Resp: 86714
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 63.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 88.621 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 75 Resp: 116571
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.796 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

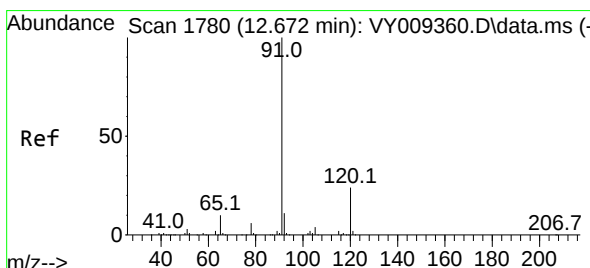
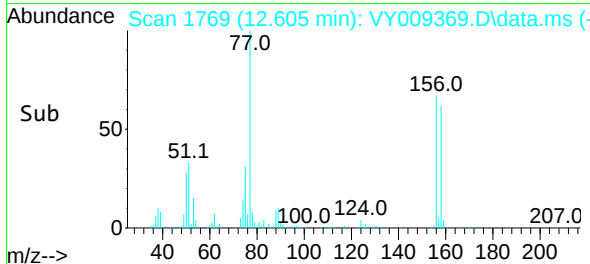
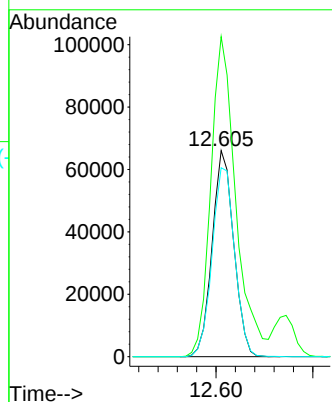
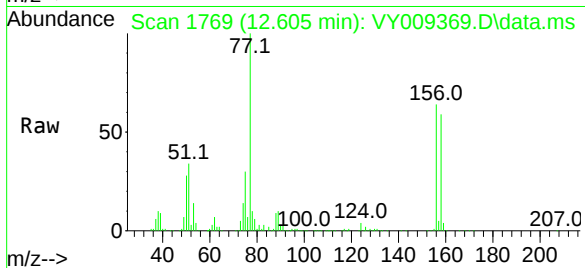
Tgt Ion:156 Resp: 102438

Ion Ratio Lower Upper

156 100

77 180.2 95.5 286.4

158 95.9 48.0 144.0



#78

n-propylbenzene

Concen: 51.914 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY009369.D

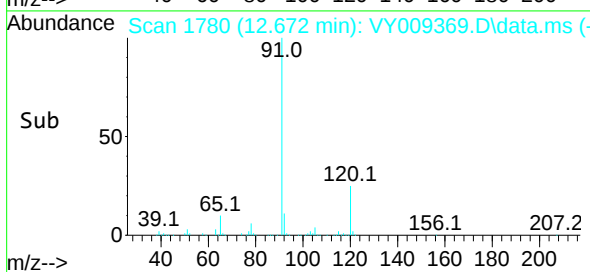
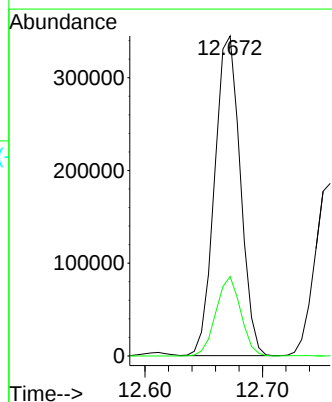
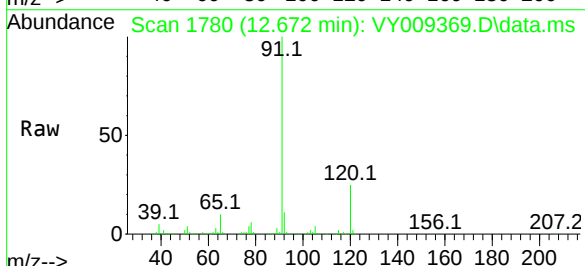
Acq: 29 Jun 2022 12:10

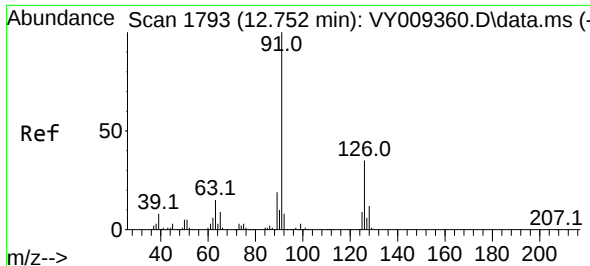
Tgt Ion: 91 Resp: 523914

Ion Ratio Lower Upper

91 100

120 23.9 11.3 33.9

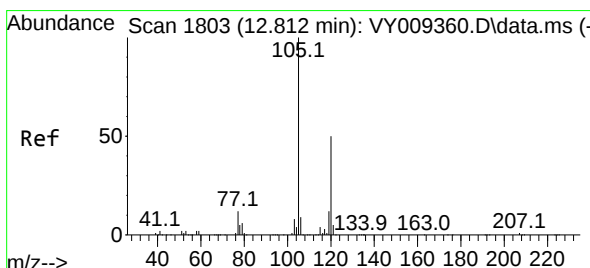
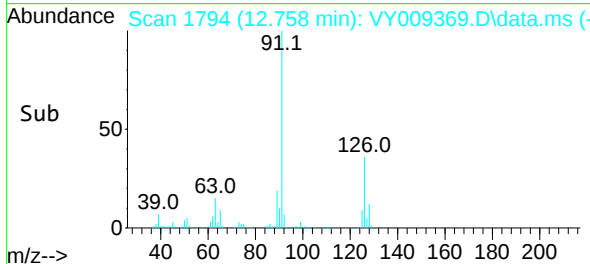
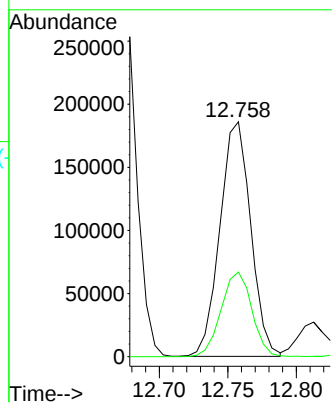
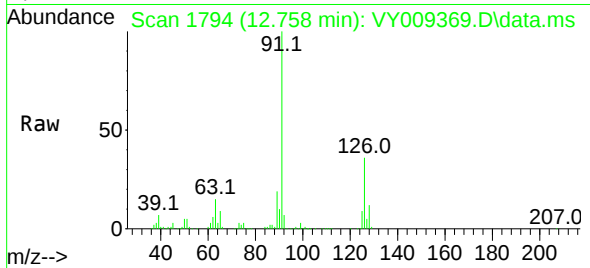




#79
2-Chlorotoluene
Concen: 51.029 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

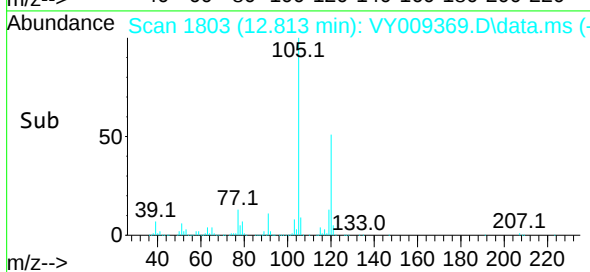
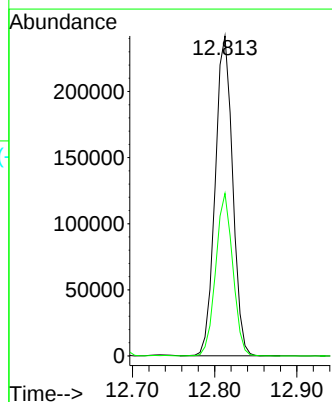
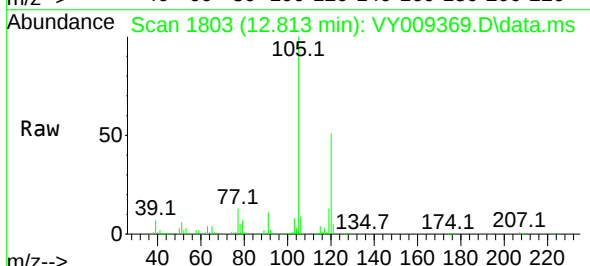
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

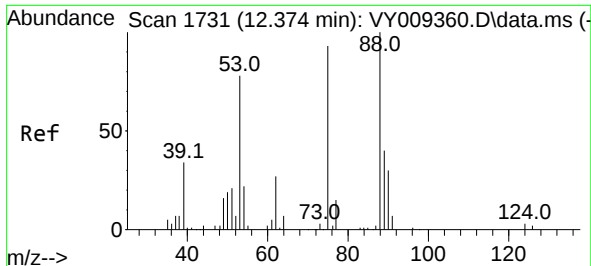
Tgt Ion: 91 Resp: 290685
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.366 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 105 Resp: 356374
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4

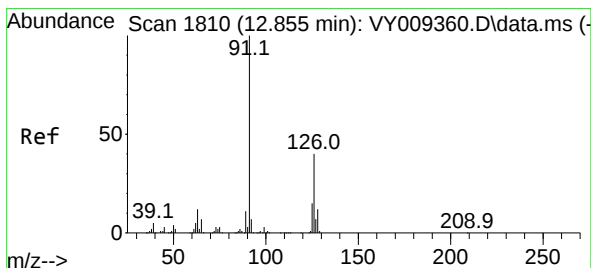
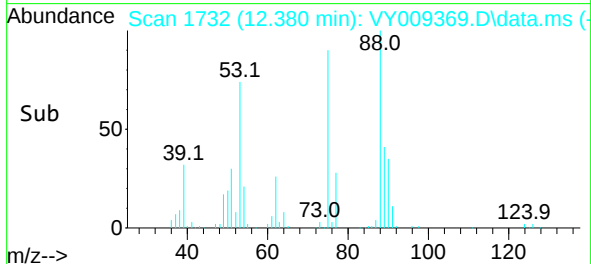
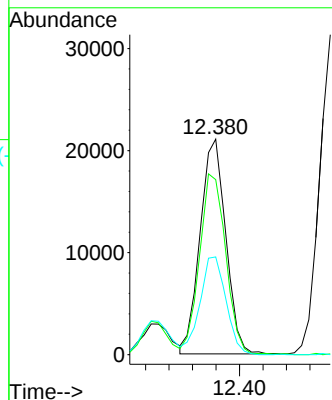
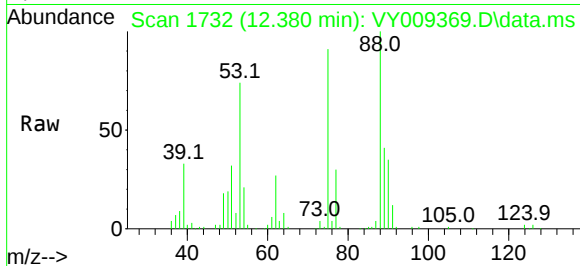




#81
trans-1,4-Dichloro-2-butene
Concen: 53.902 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

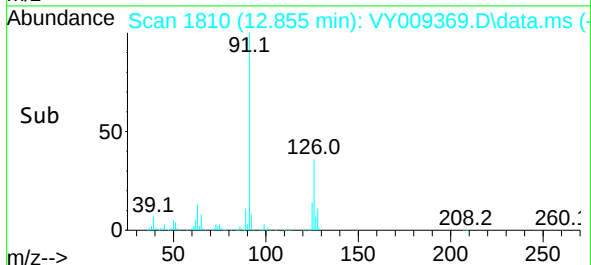
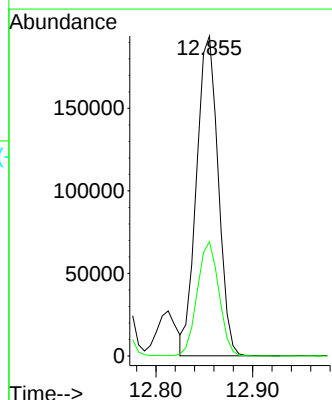
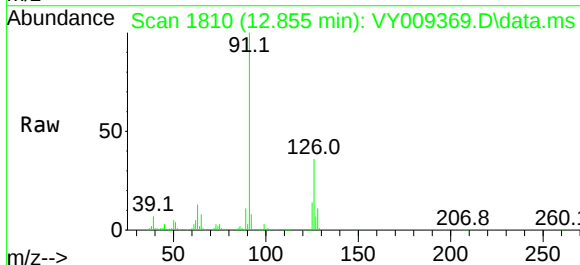
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

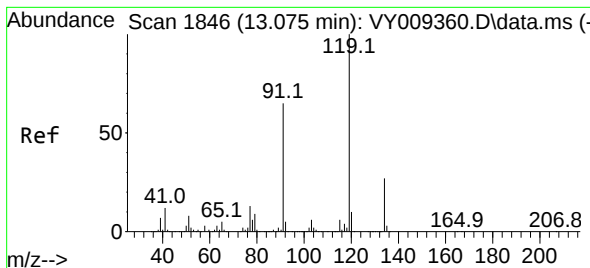
Tgt Ion: 75 Resp: 31845
Ion Ratio Lower Upper
75 100
53 86.4 85.3 127.9
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.097 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009369.D
Acq: 29 Jun 2022 12:10

Tgt Ion: 91 Resp: 302482
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.593 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

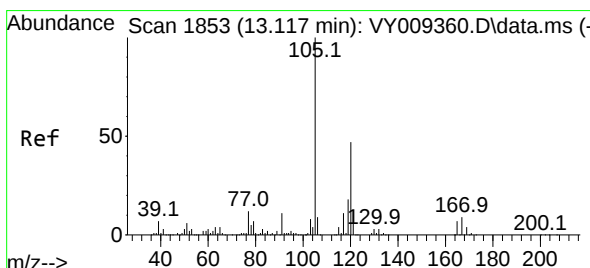
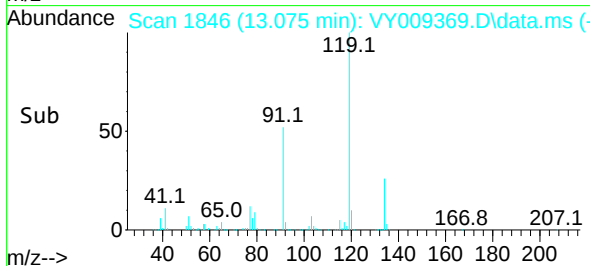
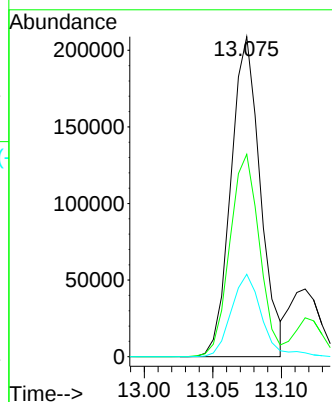
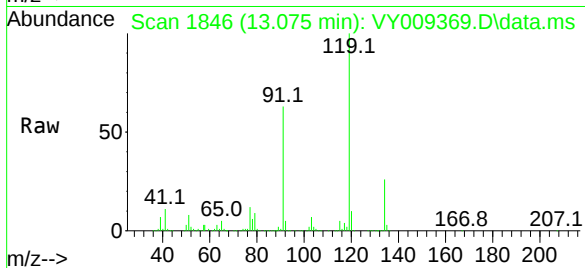
Tgt Ion:119 Resp: 312394

Ion Ratio Lower Upper

119 100

91 63.7 34.8 104.4

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.985 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009369.D

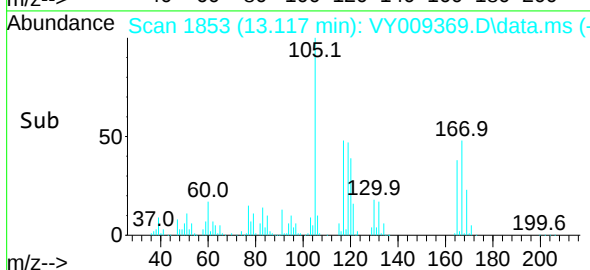
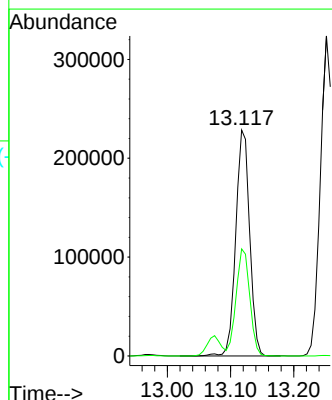
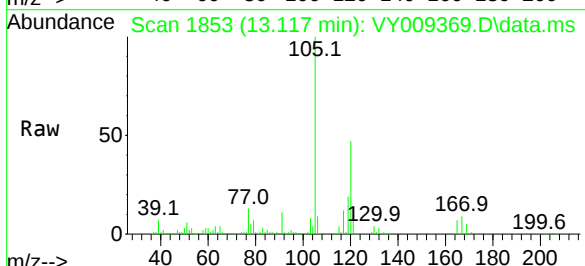
Acq: 29 Jun 2022 12:10

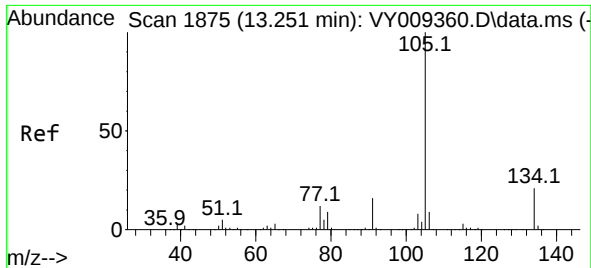
Tgt Ion:105 Resp: 349323

Ion Ratio Lower Upper

105 100

120 46.6 22.3 66.9

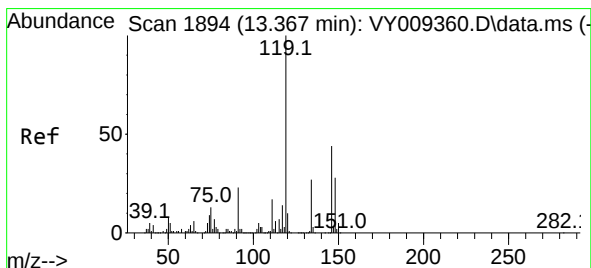
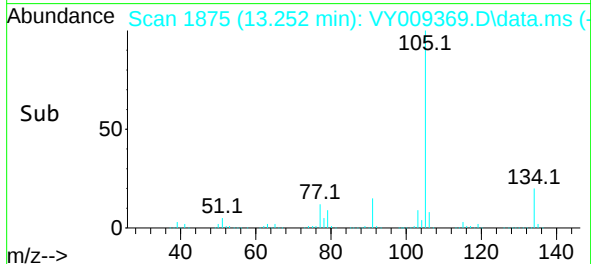
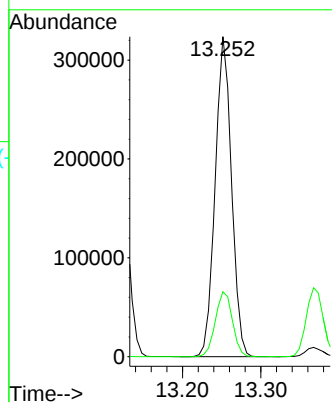
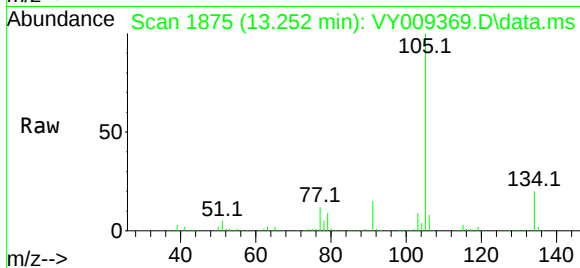




#85
 sec-Butylbenzene
 Concen: 53.440 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.001 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

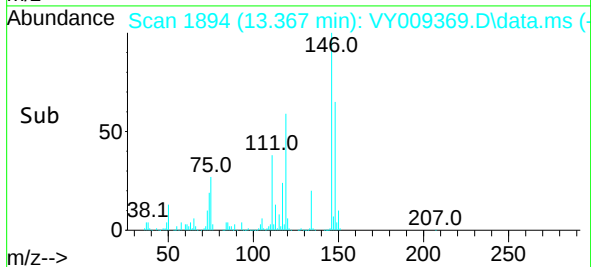
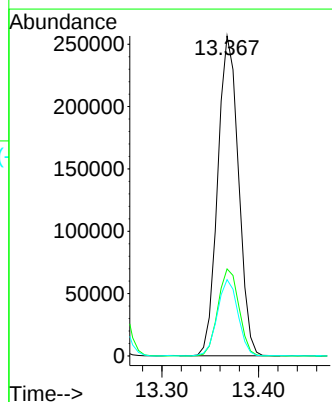
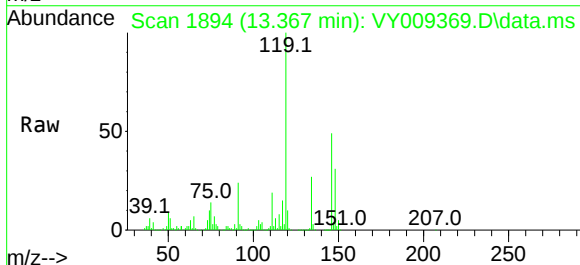
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

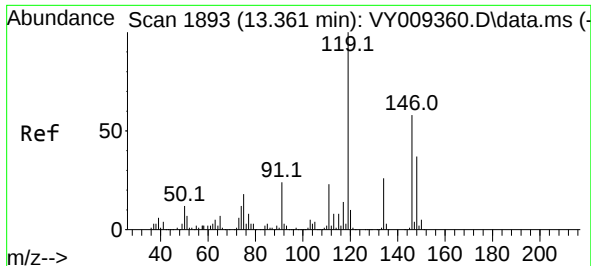
Tgt Ion:105 Resp: 469175
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.727 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

Tgt Ion:119 Resp: 381887
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 23.6 12.4 37.2

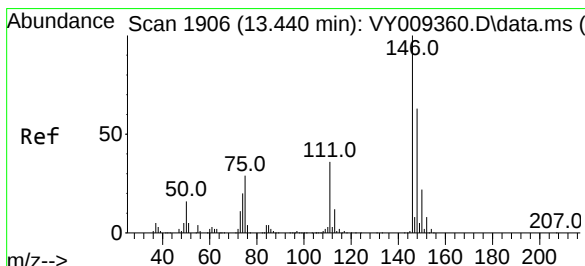
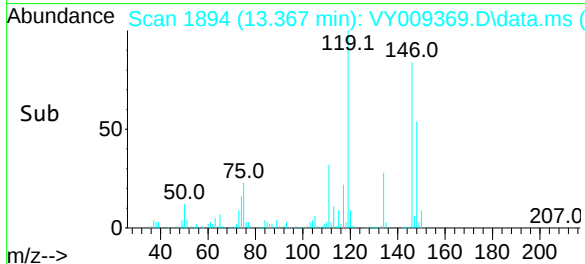
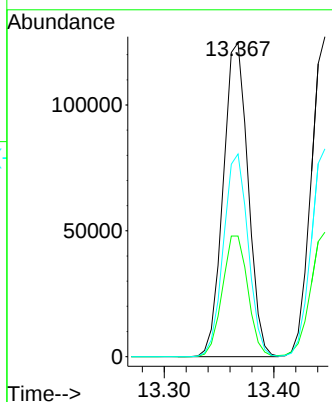
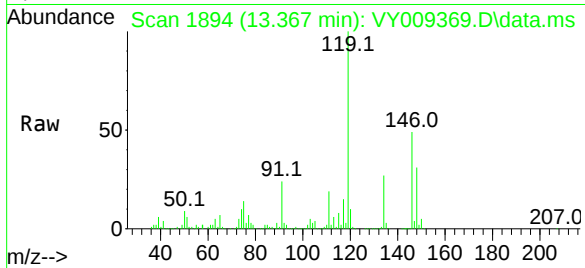




#87
 1,3-Dichlorobenzene
 Concen: 50.329 ug/l
 RT: 13.367 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

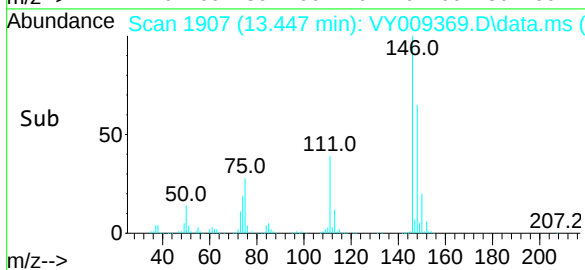
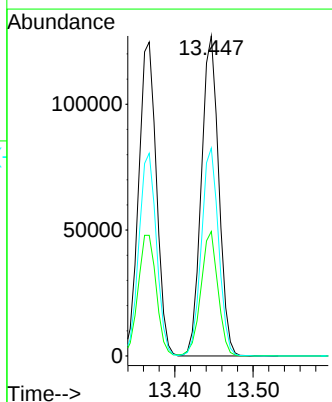
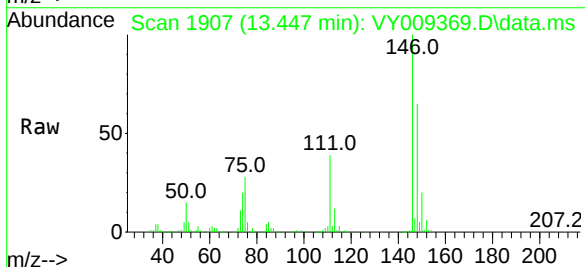
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

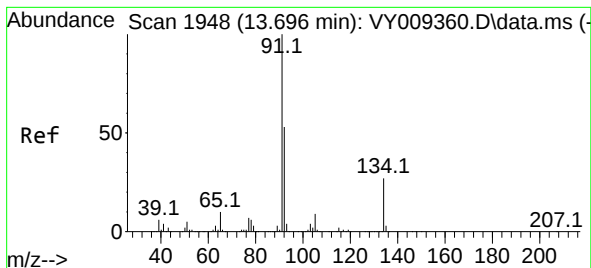
Tgt Ion:146 Resp: 196648
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 64.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.780 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.007 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

Tgt Ion:146 Resp: 196125
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.3 57.8
 148 64.4 32.6 97.8





#89

n-Butylbenzene

Concen: 51.670 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

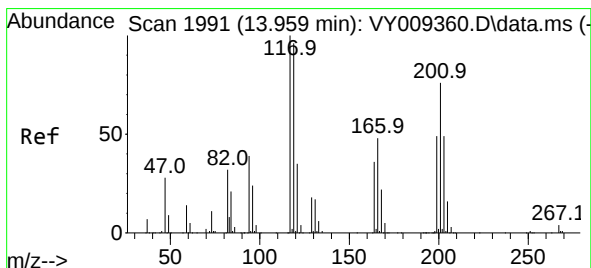
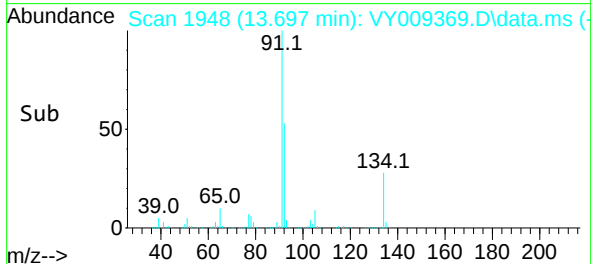
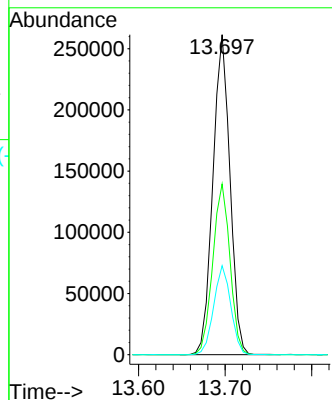
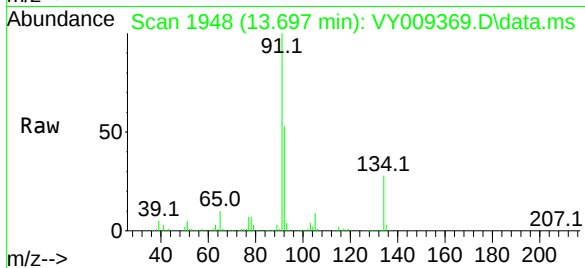
Tgt Ion: 91 Resp: 358426

Ion Ratio Lower Upper

91 100

92 53.8 26.3 78.9

134 27.8 13.0 38.9



#90

Hexachloroethane

Concen: 51.126 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009369.D

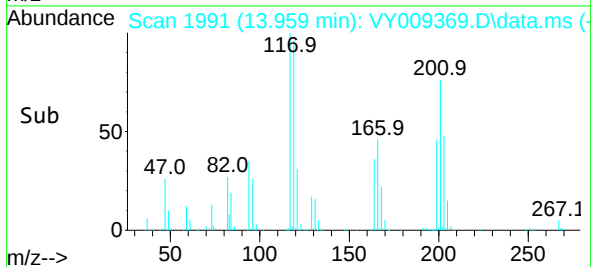
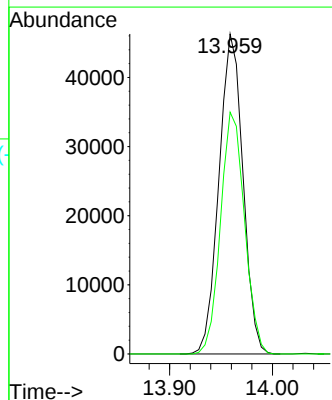
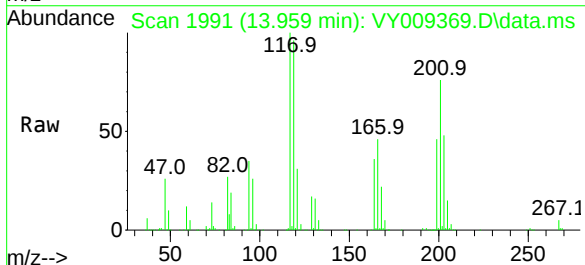
Acq: 29 Jun 2022 12:10

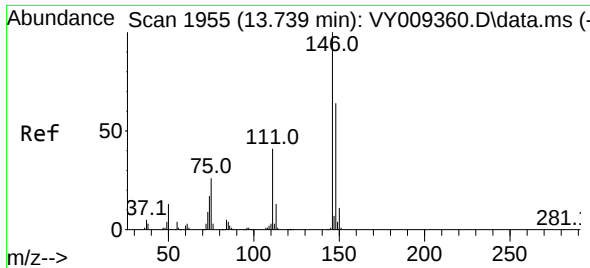
Tgt Ion: 117 Resp: 74836

Ion Ratio Lower Upper

117 100

201 75.6 43.0 128.8

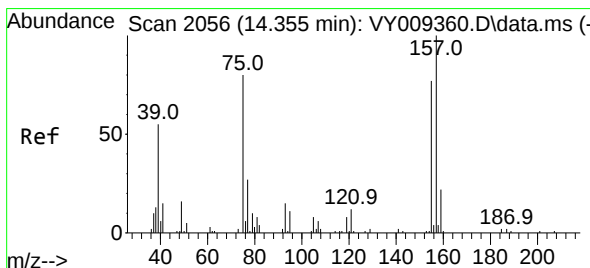
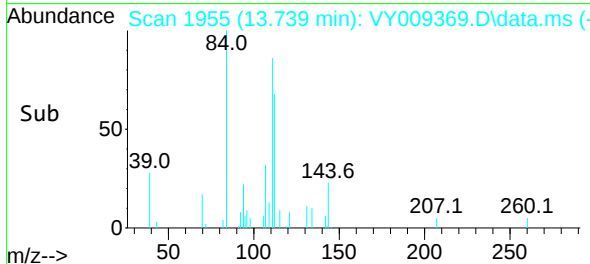
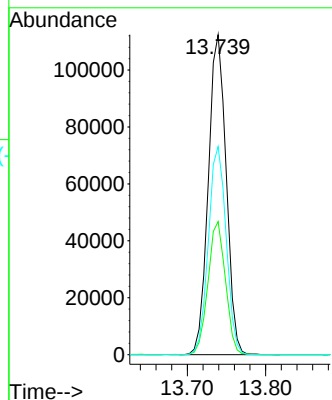
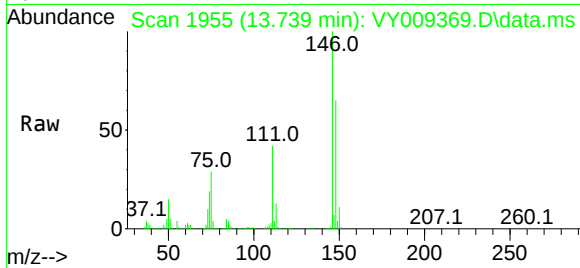




#91
 1,2-Dichlorobenzene
 Concen: 50.176 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

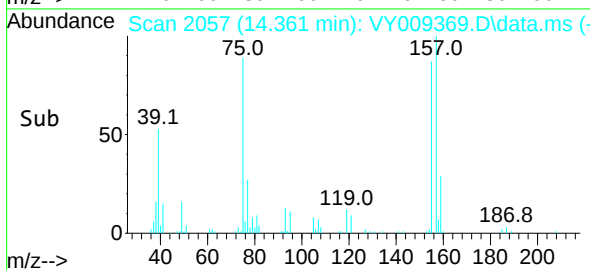
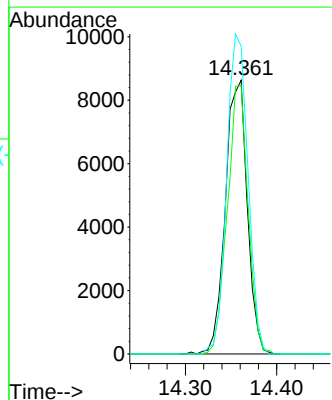
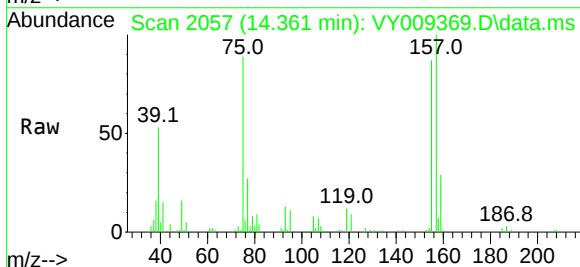
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

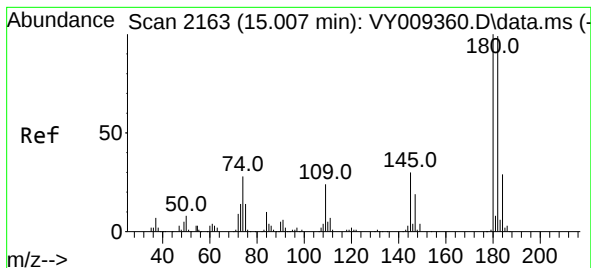
Tgt Ion:146 Resp: 177810
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.9
 148 64.8 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.367 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY009369.D
 Acq: 29 Jun 2022 12:10

Tgt Ion: 75 Resp: 14374
 Ion Ratio Lower Upper
 75 100
 155 93.2 38.0 113.9
 157 113.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 44.395 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

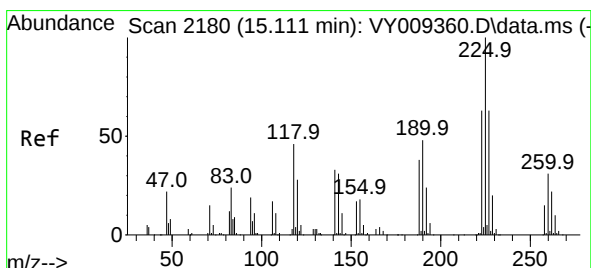
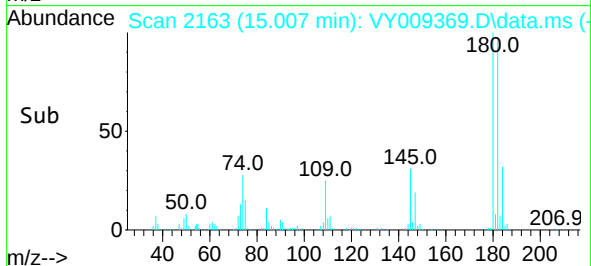
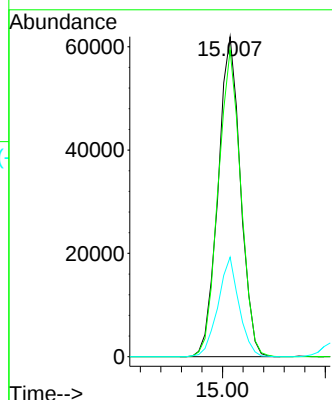
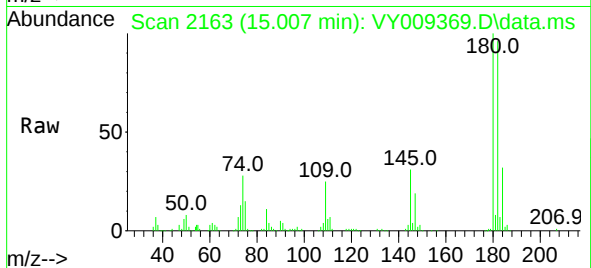
Tgt Ion:180 Resp: 93388

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.9

145 29.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 45.971 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

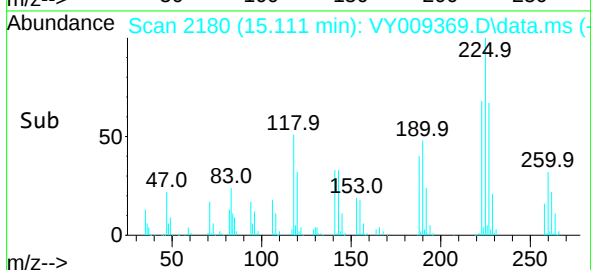
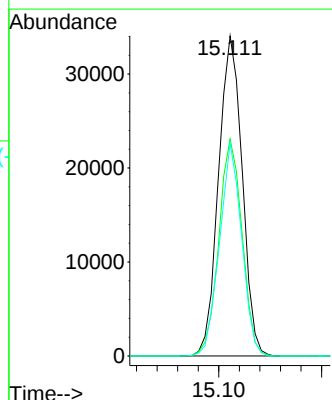
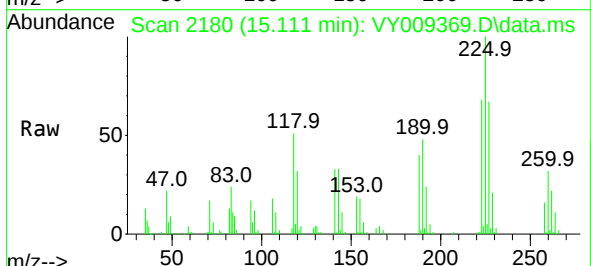
Tgt Ion:225 Resp: 54287

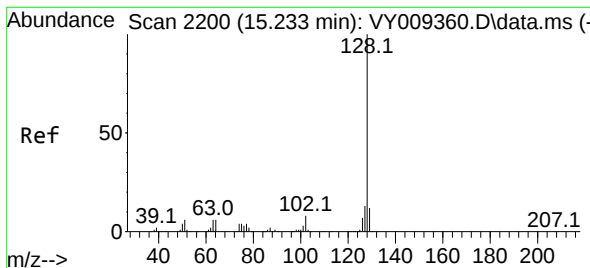
Ion Ratio Lower Upper

225 100

223 66.6 30.8 92.3

227 62.3 31.6 94.7





#95

Naphthalene

Concen: 51.280 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

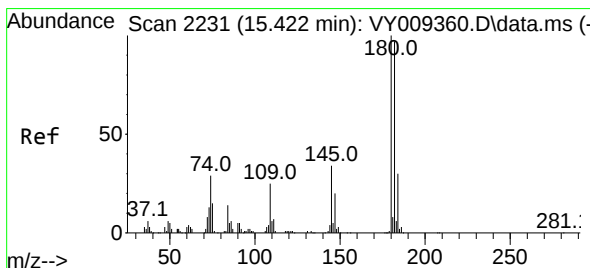
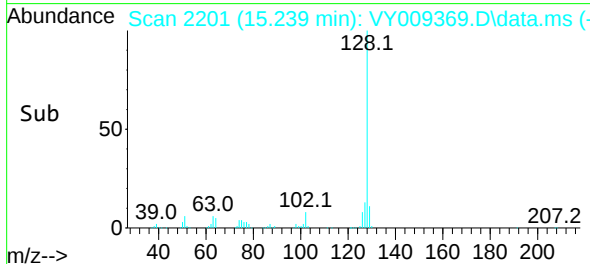
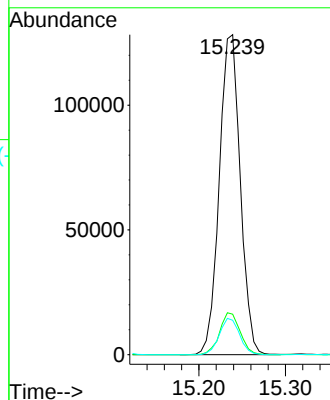
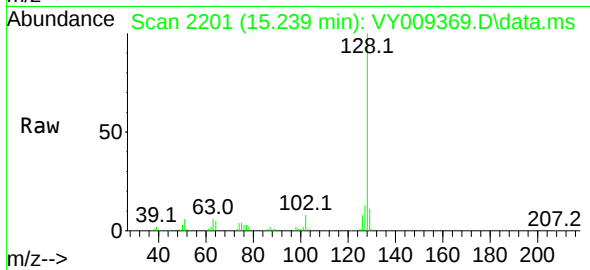
Tgt Ion:128 Resp: 215976

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.914 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009369.D

Acq: 29 Jun 2022 12:10

Tgt Ion:180 Resp: 89393

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 32.4 15.3 45.9

