

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009105.D
 Acq On : 25 May 2022 21:10
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 26 04:33:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	148700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	38825	43.103	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.200%		
35) Dibromofluoromethane	7.716	113	41833	45.241	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.480%		
50) Toluene-d8	10.179	98	132167	38.744	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.480%		
62) 4-Bromofluorobenzene	12.483	95	65058	47.278	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33410	41.738	ug/l	98
3) Chloromethane	2.113	50	58033	50.605	ug/l	92
4) Vinyl Chloride	2.247	62	82090	48.317	ug/l	97
5) Bromomethane	2.643	94	77142	46.320	ug/l	99
6) Chloroethane	2.790	64	58917	48.949	ug/l	100
7) Trichlorofluoromethane	3.125	101	60646	42.033	ug/l	97
8) Diethyl Ether	3.534	74	21304	47.221	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	38436	43.344	ug/l	93
10) Methyl Iodide	4.088	142	34043	37.178	ug/l	96
11) Tert butyl alcohol	4.960	59	19484	213.256	ug/l	96
12) 1,1-Dichloroethene	3.875	96	35174	42.729	ug/l #	79
13) Acrolein	3.735	56	2873	95.533	ug/l	95
14) Allyl chloride	4.478	41	54200	43.689	ug/l #	87
15) Acrylonitrile	5.155	53	59156	234.184	ug/l	97
16) Acetone	3.948	43	42095	224.512	ug/l	91
17) Carbon Disulfide	4.192	76	113922	42.360	ug/l	98
18) Methyl Acetate	4.472	43	27729	47.493	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	112077	45.360	ug/l	95
20) Methylene Chloride	4.710	84	49956	47.248	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	44204	41.836	ug/l	87
22) Diisopropyl ether	6.118	45	134507	45.130	ug/l #	95
23) Vinyl Acetate	6.057	43	456088	231.341	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	78569	44.074	ug/l	98
25) 2-Butanone	6.984	43	77723	232.087	ug/l	92
26) 2,2-Dichloropropane	6.978	77	65711	40.016	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	52001	43.659	ug/l	87
28) Bromochloromethane	7.332	49	34736	56.770	ug/l	94
29) Tetrahydrofuran	7.344	42	53142	233.609	ug/l #	87
30) Chloroform	7.502	83	84030	43.668	ug/l	99
31) Cyclohexane	7.789	56	68724	39.000	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	73585	42.150	ug/l	99
36) 1,1-Dichloropropene	7.917	75	64228	40.815	ug/l	98
37) Ethyl Acetate	7.069	43	36032	44.142	ug/l	97
38) Carbon Tetrachloride	7.899	117	66095	40.151	ug/l	95
39) Methylcyclohexane	9.179	83	78360	38.578	ug/l #	86
40) Benzene	8.161	78	191025	42.097	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	51118	121.355	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	58614	43.989	ug/l	95
43) Isopropyl Acetate	8.270	43	68373	45.048	ug/l	93
44) Trichloroethene	8.935	130	48899	40.698	ug/l	99
45) 1,2-Dichloropropane	9.209	63	48867	44.850	ug/l	97
46) Dibromomethane	9.301	93	31006	44.754	ug/l	93
47) Bromodichloromethane	9.496	83	69303	43.769	ug/l	97
48) Methyl methacrylate	9.289	41	32039	47.273	ug/l	89
49) 1,4-Dioxane	9.295	88	8249	890.689	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	197949	235.653	ug/l	94
52) Toluene	10.240	92	130171	41.049	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	73024	43.430	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	78008	43.156	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	42467	43.813	ug/l	99
56) Ethyl methacrylate	10.508	69	55018	44.397	ug/l	88
57) 1,3-Dichloropropane	10.788	76	70802	44.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	139655	260.490	ug/l	98
59) 2-Hexanone	10.831	43	139209	242.049	ug/l	92
60) Dibromochloromethane	10.983	129	49964	42.524	ug/l	98
61) 1,2-Dibromoethane	11.087	107	41117	42.808	ug/l	99
64) Tetrachloroethene	10.715	164	41619	38.800	ug/l	96
65) Chlorobenzene	11.514	112	138924	41.071	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	52630	42.493	ug/l	96
67) Ethyl Benzene	11.593	91	258322	42.377	ug/l	100
68) m/p-Xylenes	11.703	106	215561	87.110	ug/l	91
69) o-Xylene	12.026	106	98457	42.846	ug/l	94
70) Styrene	12.044	104	178765	45.236	ug/l	93
71) Bromoform	12.209	173	34767	42.345	ug/l #	99
73) Isopropylbenzene	12.331	105	269206	38.382	ug/l	100
74) N-amyl acetate	12.142	43	73681	45.531	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	57405	39.731	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	73322	72.790	ug/l #	100
77) Bromobenzene	12.605	156	60462	37.187	ug/l	98
78) n-propylbenzene	12.672	91	339137	41.850	ug/l	100
79) 2-Chlorotoluene	12.757	91	184429	39.456	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	233119	39.653	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	19233	39.189	ug/l	88
82) 4-Chlorotoluene	12.855	91	202359	40.476	ug/l	97
83) tert-Butylbenzene	13.074	119	205986	39.494	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	244199	41.843	ug/l	98
85) sec-Butylbenzene	13.251	105	323789	40.575	ug/l	99
86) p-Isopropyltoluene	13.367	119	272204	40.905	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	140219	40.429	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	140887	40.433	ug/l	97
89) n-Butylbenzene	13.696	91	249665	41.010	ug/l	99
90) Hexachloroethane	13.958	117	50203	40.257	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	125638	41.037	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8926	39.792	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	61059	36.339	ug/l	99
94) Hexachlorobutadiene	15.111	225	32653	35.656	ug/l	96
95) Naphthalene	15.233	128	128347	38.024	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	54547	37.358	ug/l	99

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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

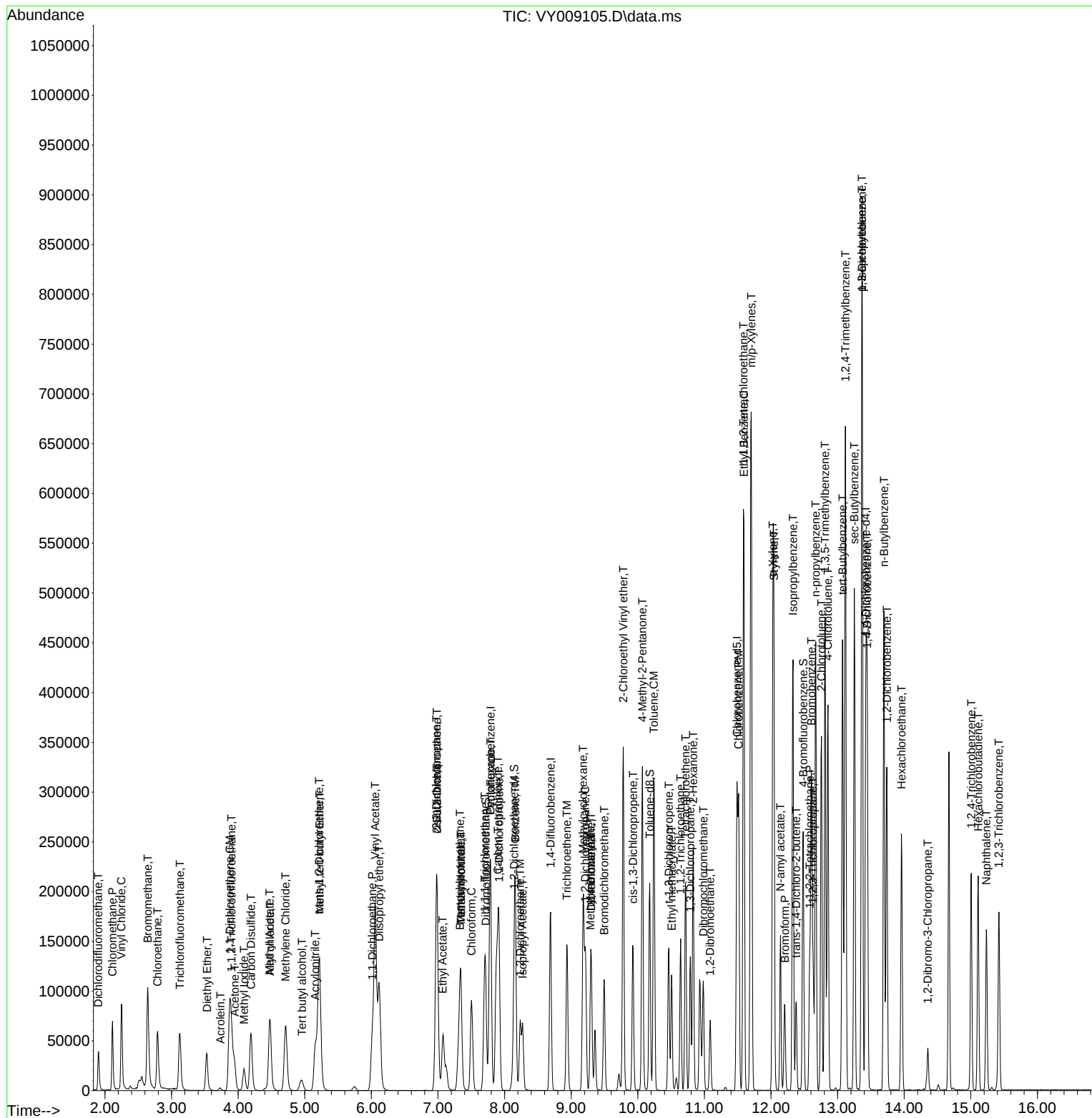
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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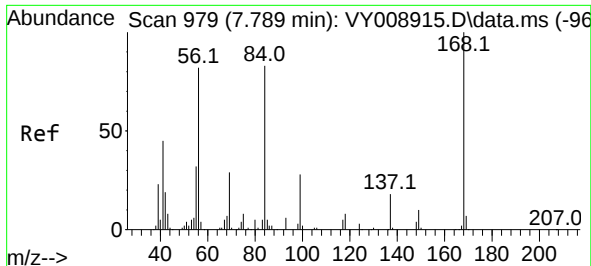
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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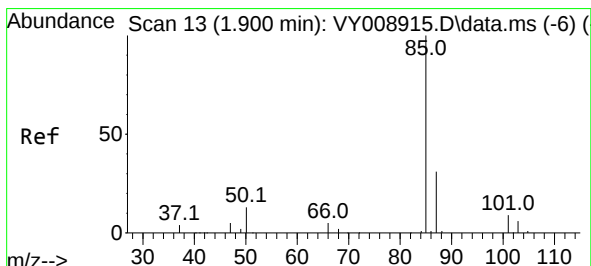
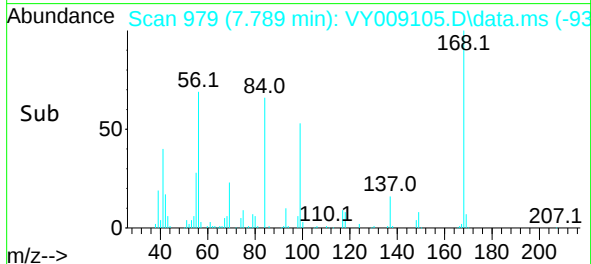
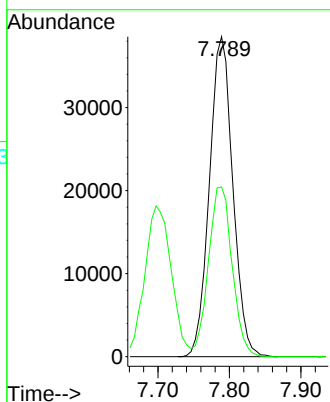
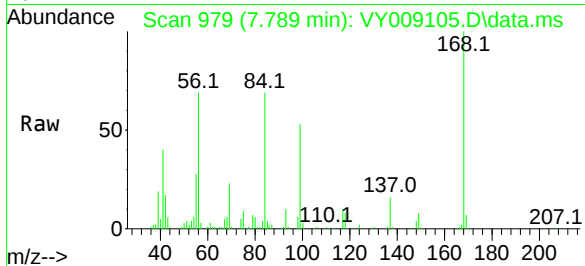




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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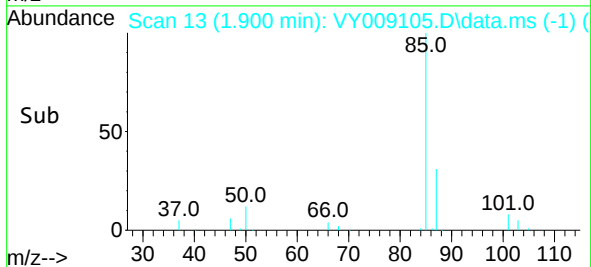
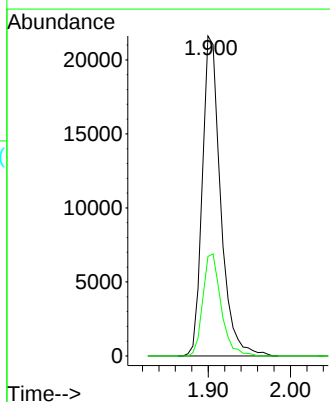
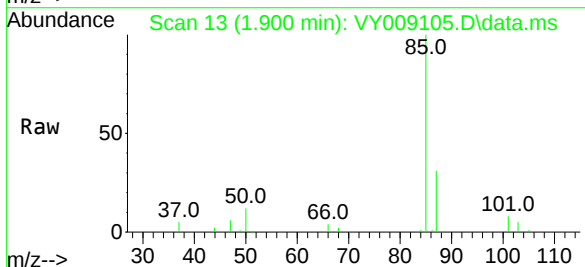
Instrument :
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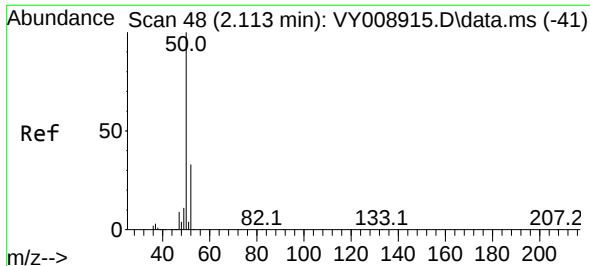
Tgt Ion:168 Resp: 87520
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 41.738 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 85 Resp: 33410
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2

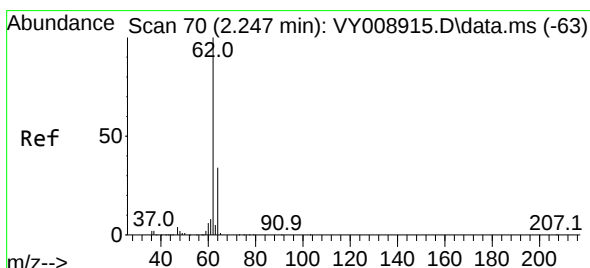
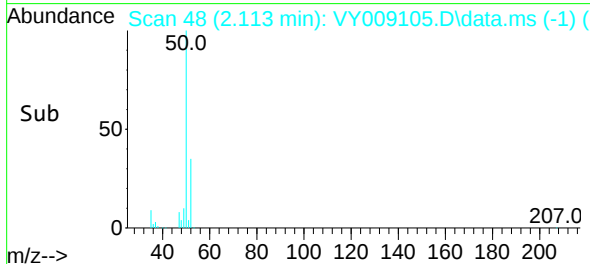
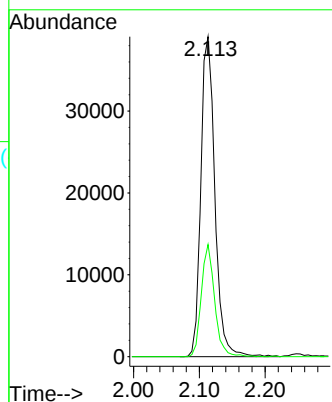
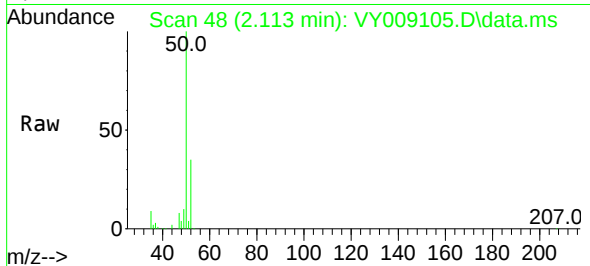




#3
Chloromethane
Concen: 50.605 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

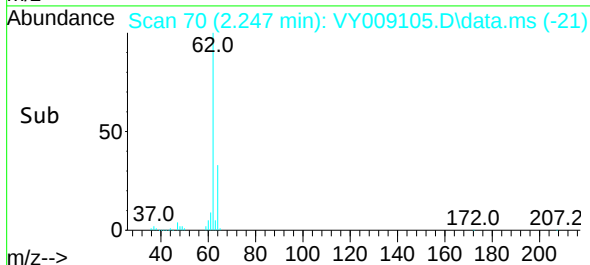
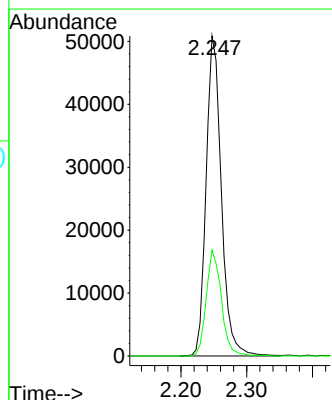
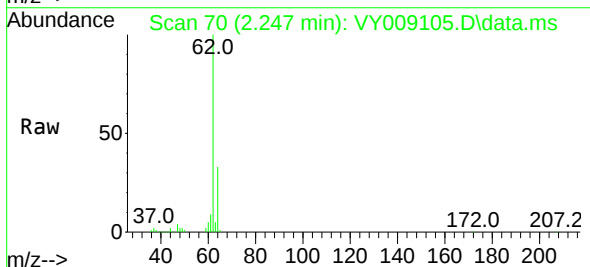
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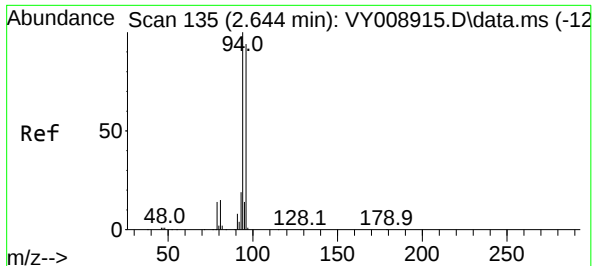
Tgt Ion: 50 Resp: 58033
Ion Ratio Lower Upper
50 100
52 35.0 24.6 37.0



#4
Vinyl Chloride
Concen: 48.317 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 62 Resp: 82090
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6

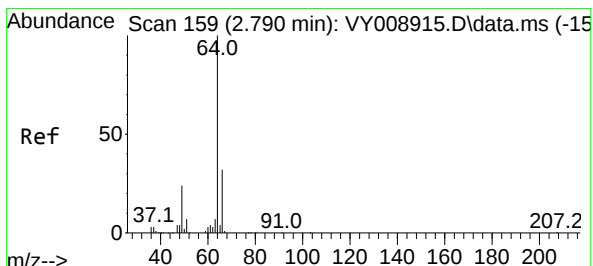
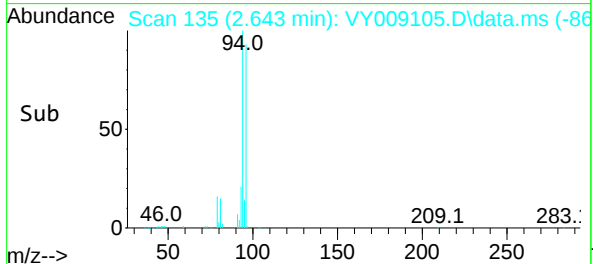
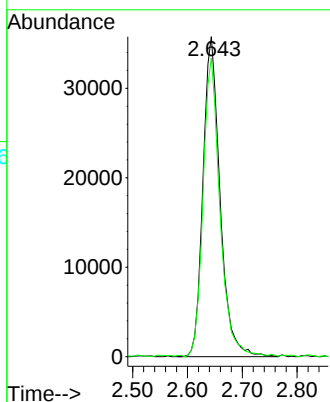
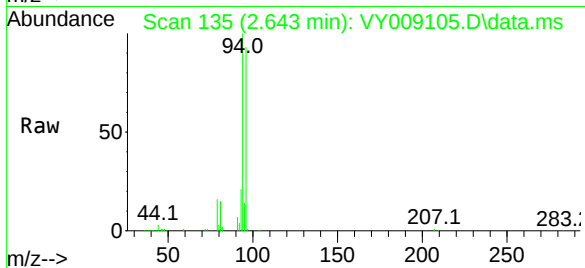




#5
Bromomethane
Concen: 46.320 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
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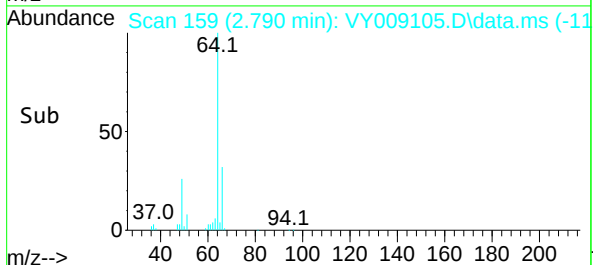
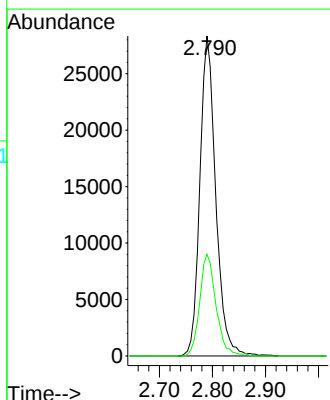
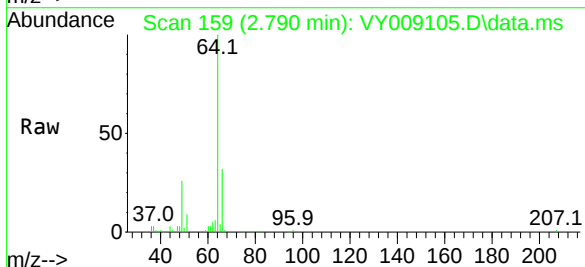
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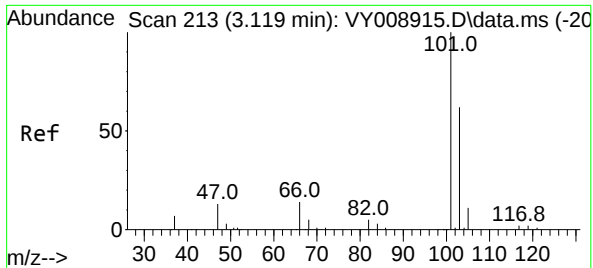
Tgt Ion: 94 Resp: 77142
Ion Ratio Lower Upper
94 100
96 93.2 73.5 110.3



#6
Chloroethane
Concen: 48.949 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY009105.D
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Tgt Ion: 64 Resp: 58917
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.0

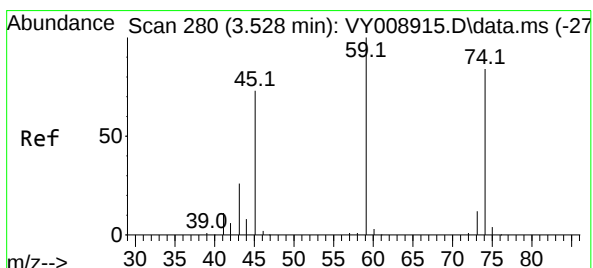
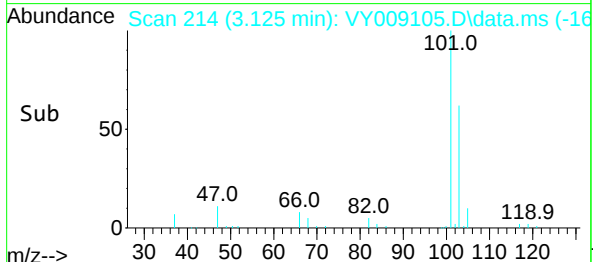
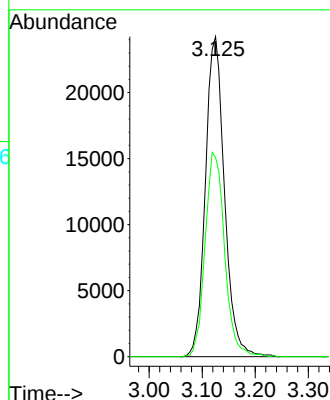
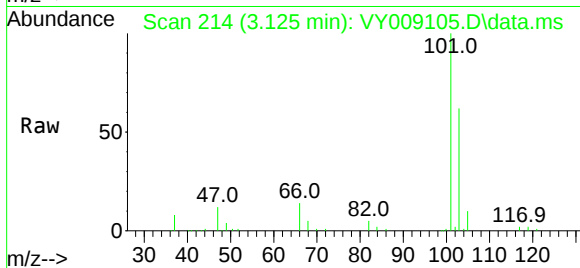




#7
Trichlorofluoromethane
Concen: 42.033 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

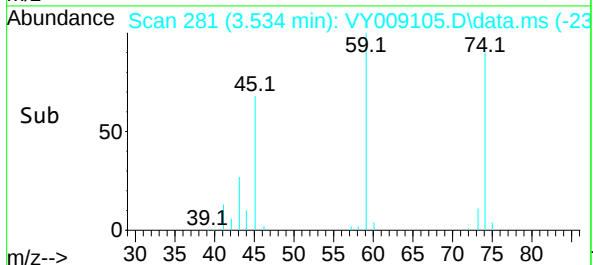
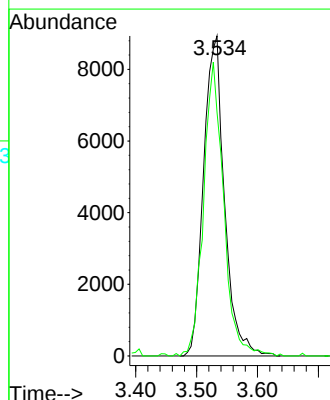
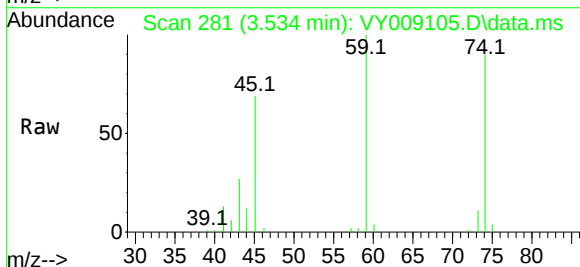
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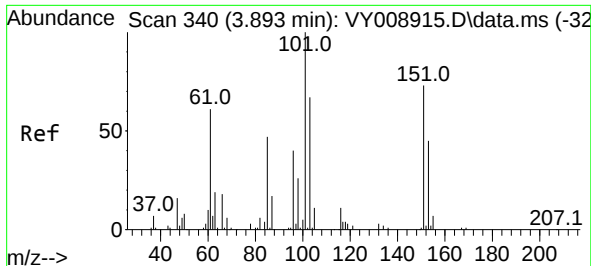
Tgt Ion:101 Resp: 60646
Ion Ratio Lower Upper
101 100
103 62.2 48.0 72.0



#8
Diethyl Ether
Concen: 47.221 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 74 Resp: 21304
Ion Ratio Lower Upper
74 100
45 88.4 55.1 165.5

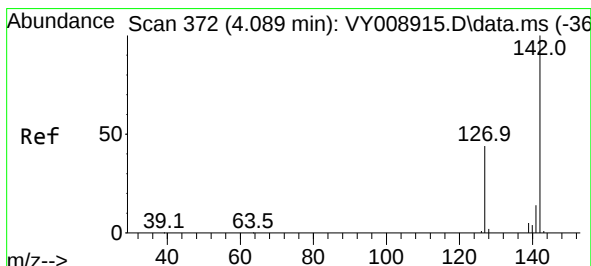
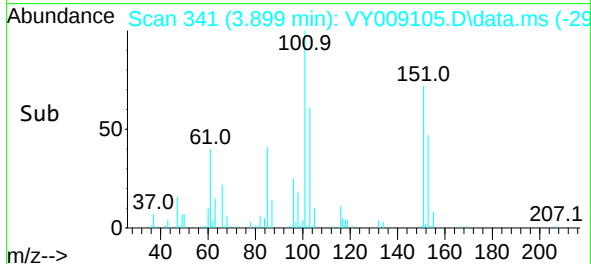
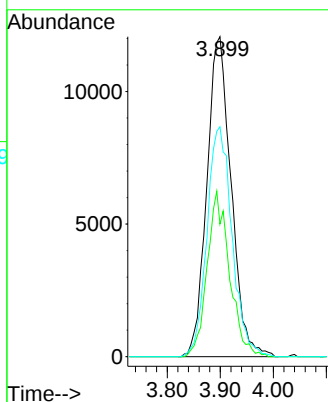
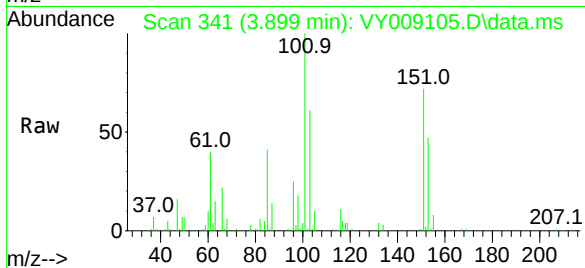




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.344 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

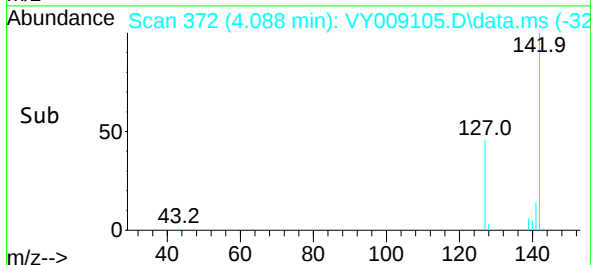
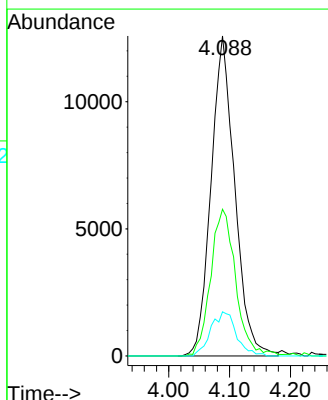
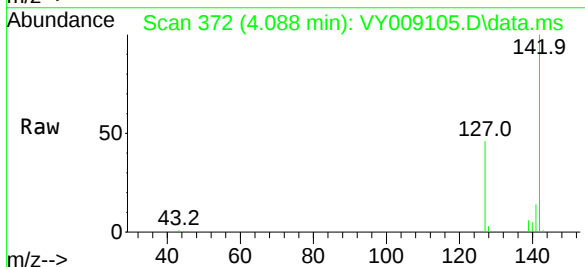
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 38436
Ion Ratio Lower Upper
101 100
85 47.6 40.6 60.8
151 74.1 64.9 97.3



#10
Methyl Iodide
Concen: 37.178 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion:142 Resp: 34043
Ion Ratio Lower Upper
142 100
127 48.5 41.5 62.3
141 14.8 11.9 17.9





#11

Tert butyl alcohol

Concen: 213.256 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

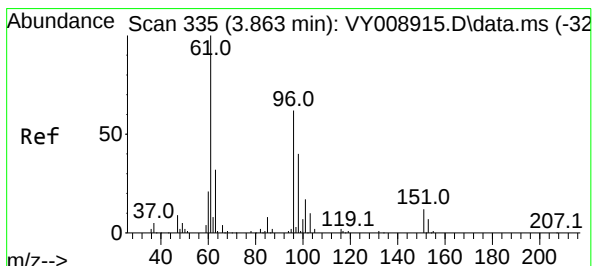
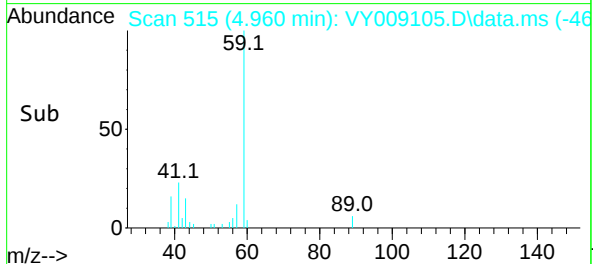
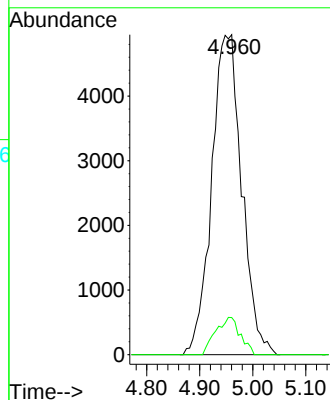
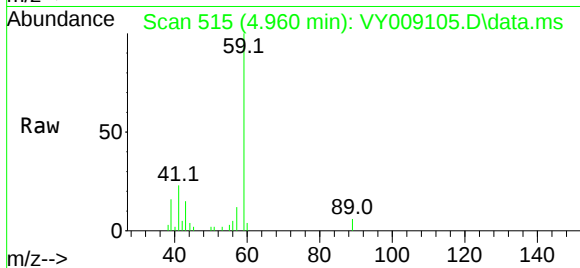
VSTDCCC050EC

Tgt Ion: 59 Resp: 19484

Ion Ratio Lower Upper

59 100

57 9.5 6.4 9.6



#12

1,1-Dichloroethene

Concen: 42.729 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

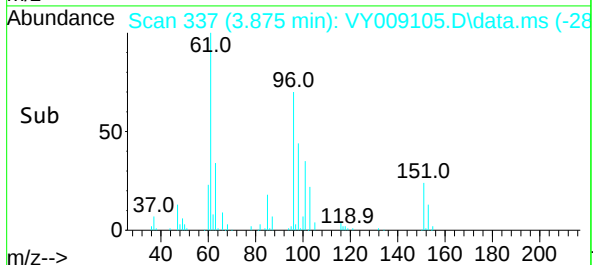
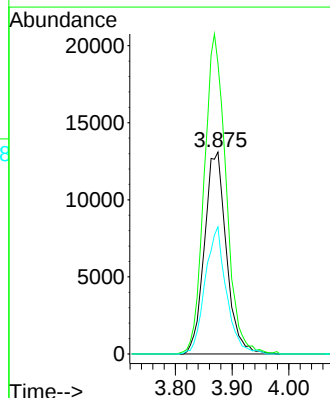
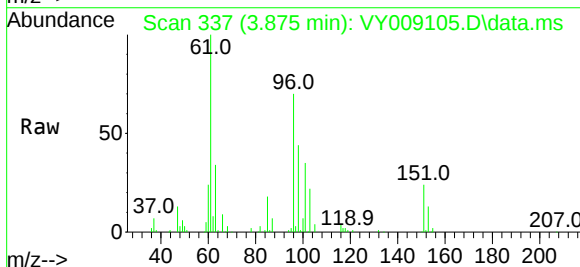
Tgt Ion: 96 Resp: 35174

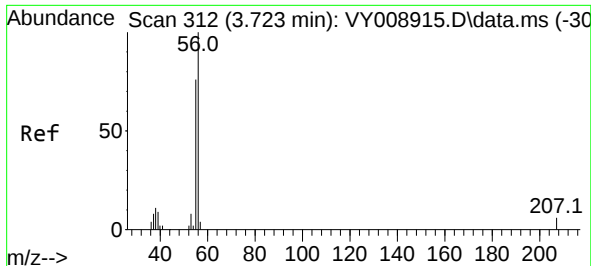
Ion Ratio Lower Upper

96 100

61 143.8 145.8 218.6#

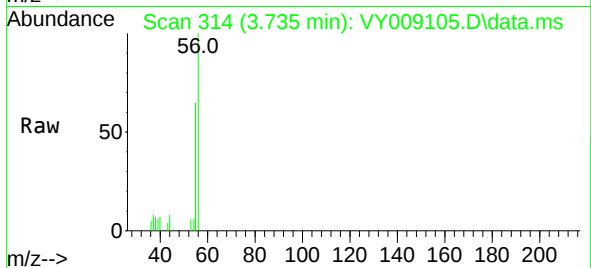
98 62.9 52.5 78.7



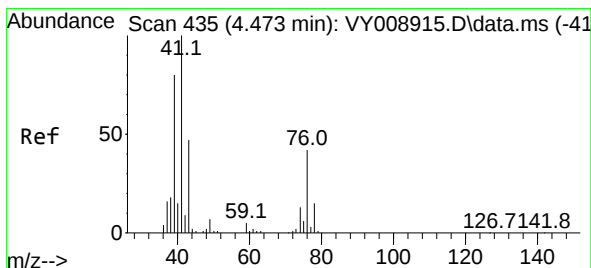
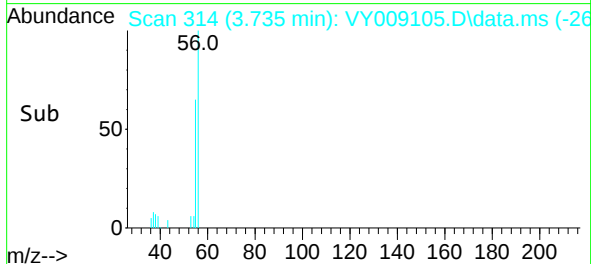
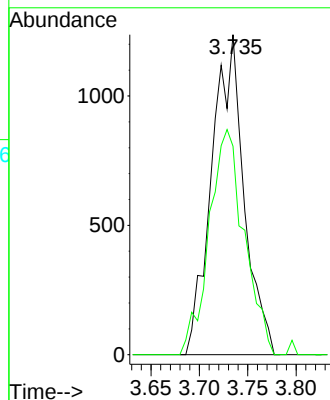


#13
Acrolein
Concen: 95.533 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

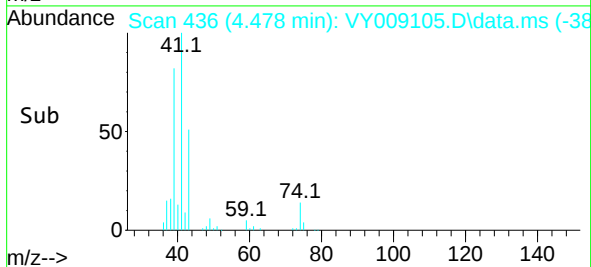
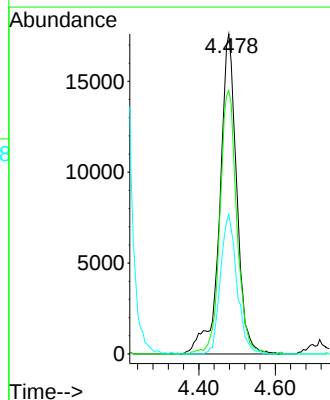
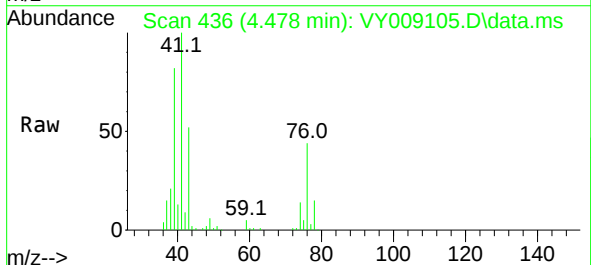


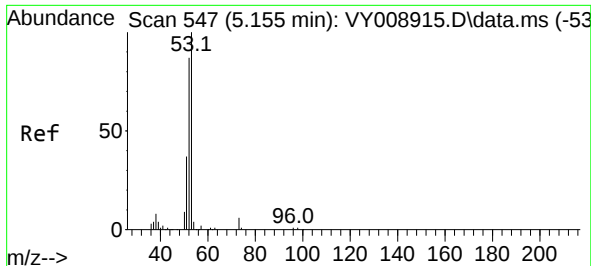
Tgt Ion: 56 Resp: 2873
Ion Ratio Lower Upper
56 100
55 76.5 57.6 86.4



#14
Allyl chloride
Concen: 43.689 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 41 Resp: 54200
Ion Ratio Lower Upper
41 100
39 81.6 58.8 88.2
76 42.4 25.1 37.7#

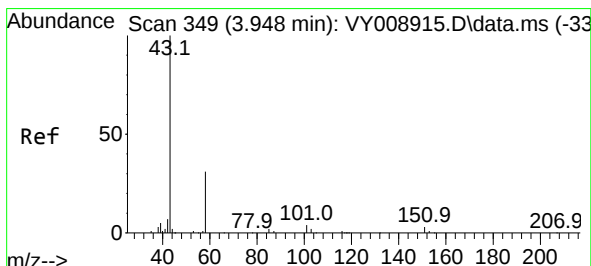
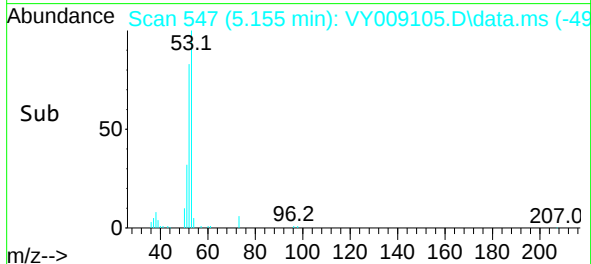
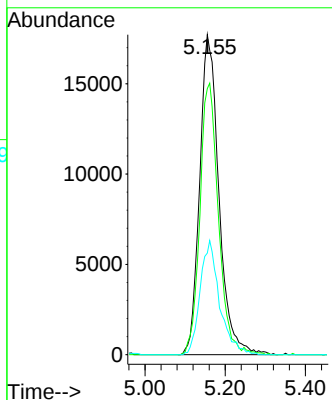
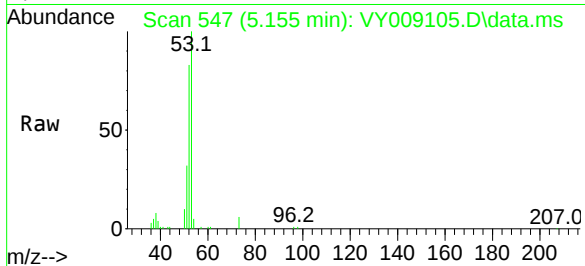




#15
Acrylonitrile
Concen: 234.184 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

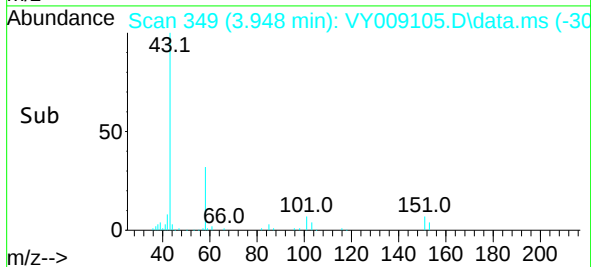
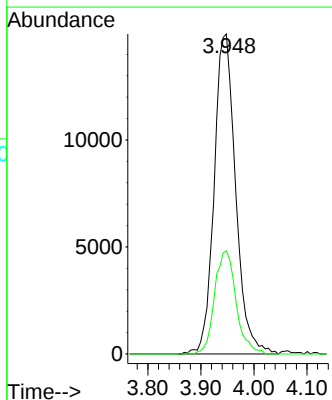
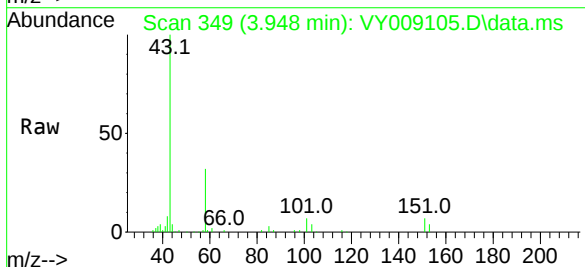
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

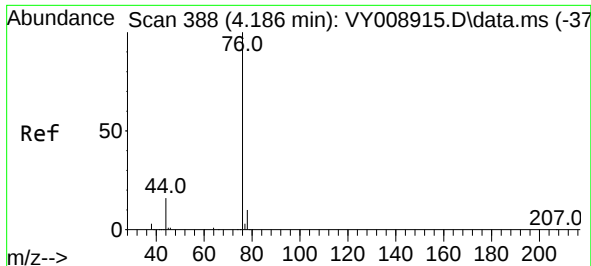
Tgt Ion: 53 Resp: 59156
Ion Ratio Lower Upper
53 100
52 80.9 67.0 100.4
51 36.1 29.8 44.6



#16
Acetone
Concen: 224.512 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 43 Resp: 42095
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0

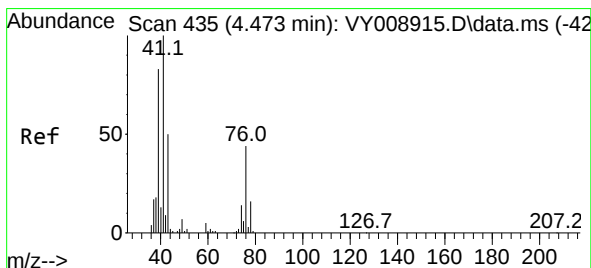
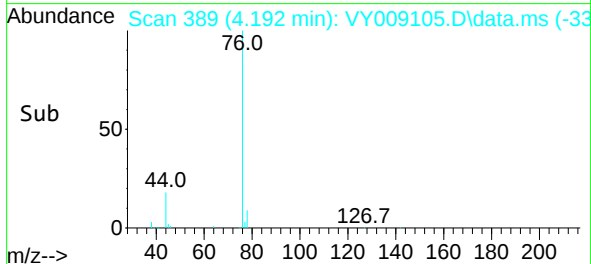
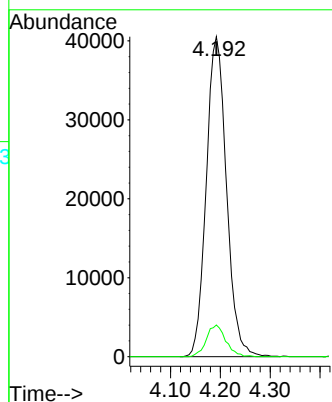
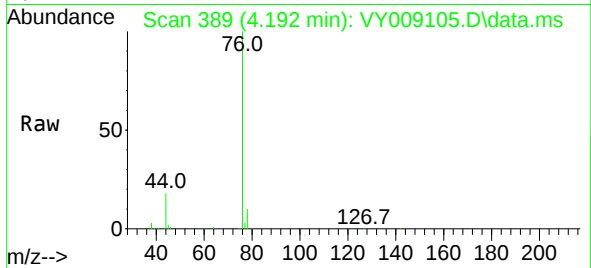




#17
Carbon Disulfide
Concen: 42.360 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

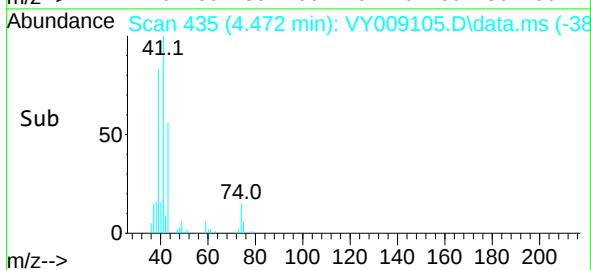
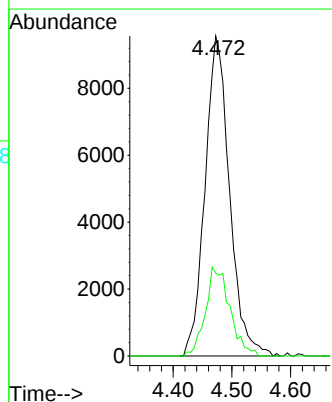
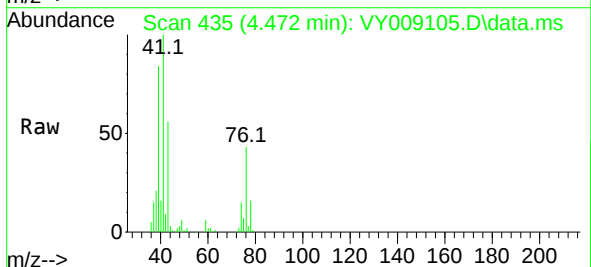
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

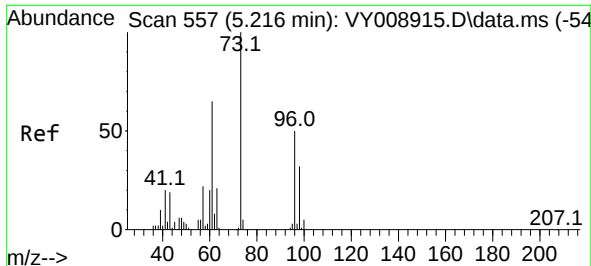
Tgt Ion: 76 Resp: 113922
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 47.493 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 43 Resp: 27729
Ion Ratio Lower Upper
43 100
74 27.6 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 45.360 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

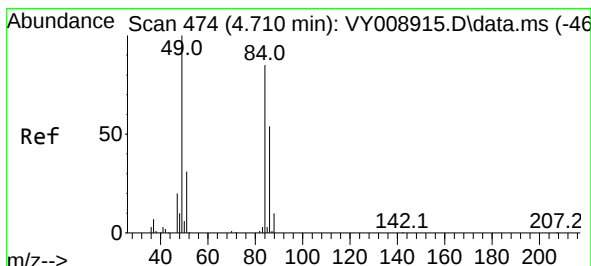
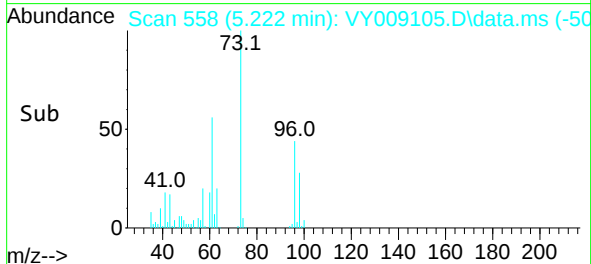
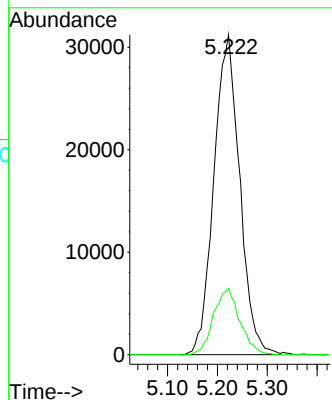
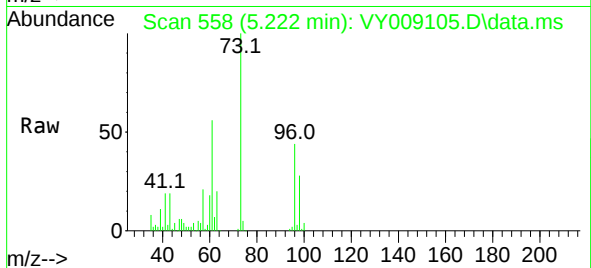
VSTDCCC050EC

Tgt Ion: 73 Resp: 112077

Ion Ratio Lower Upper

73 100

57 20.8 18.6 27.8



#20

Methylene Chloride

Concen: 47.248 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Tgt Ion: 84 Resp: 49956

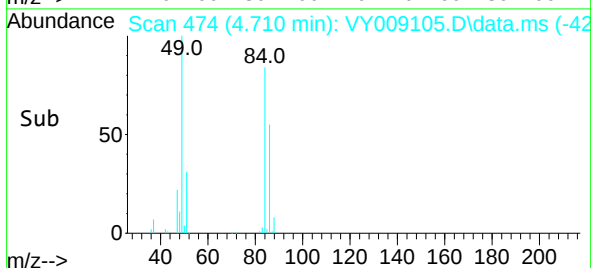
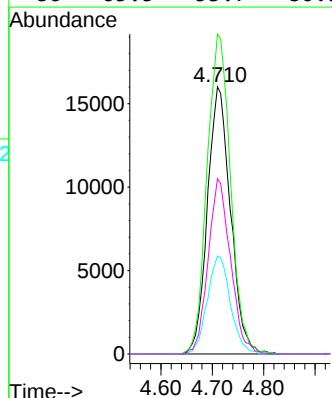
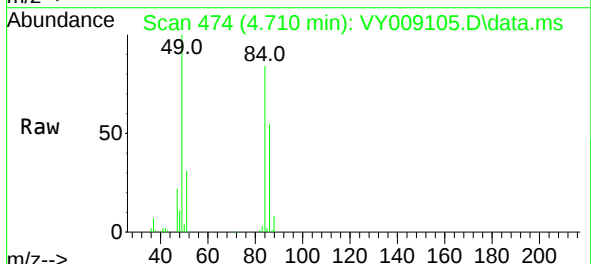
Ion Ratio Lower Upper

84 100

49 119.8 114.4 171.6

51 36.6 35.3 52.9

86 65.5 53.7 80.5

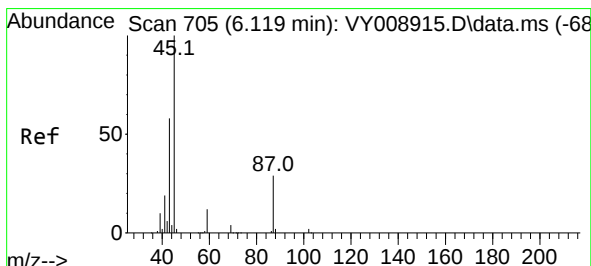
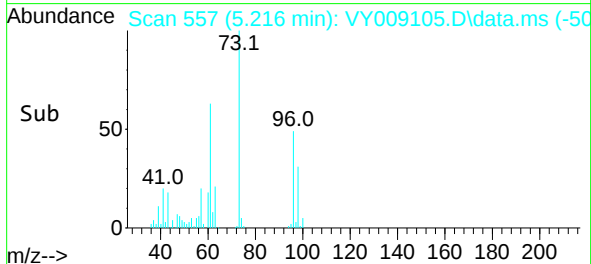
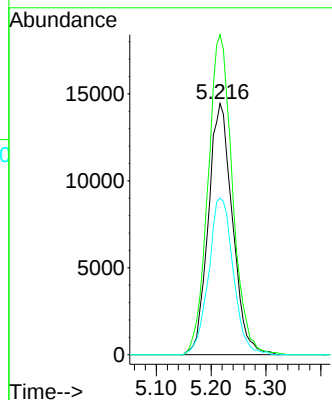
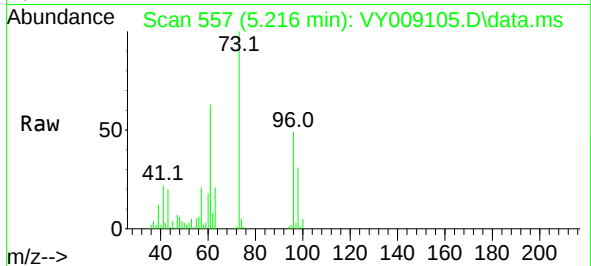




#21
trans-1,2-Dichloroethene
Concen: 41.836 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

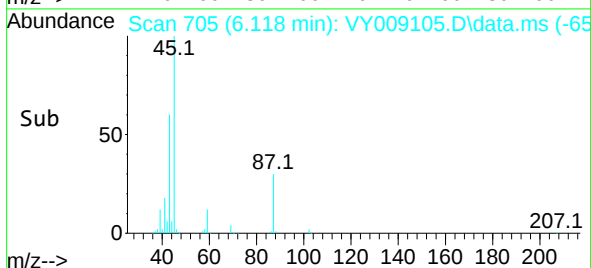
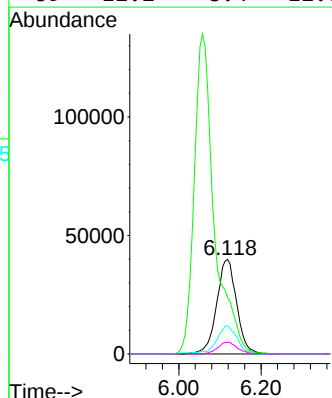
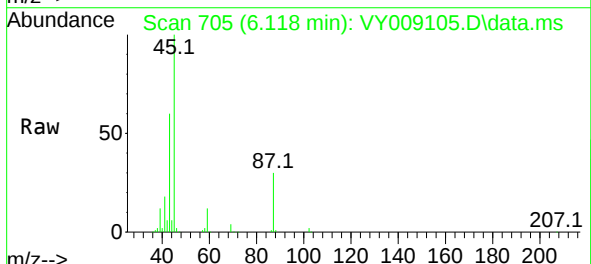
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

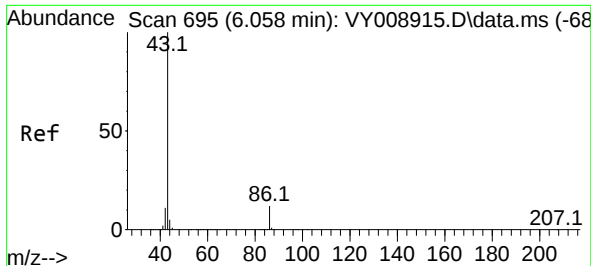
Tgt Ion: 96 Resp: 44204
Ion Ratio Lower Upper
96 100
61 127.4 120.5 180.7
98 62.3 49.8 74.8



#22
Diisopropyl ether
Concen: 45.130 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 45 Resp: 134507
Ion Ratio Lower Upper
45 100
43 59.6 49.3 73.9
87 30.1 19.2 28.8#
59 12.2 8.4 12.6

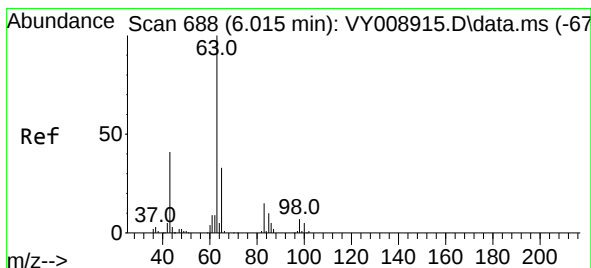
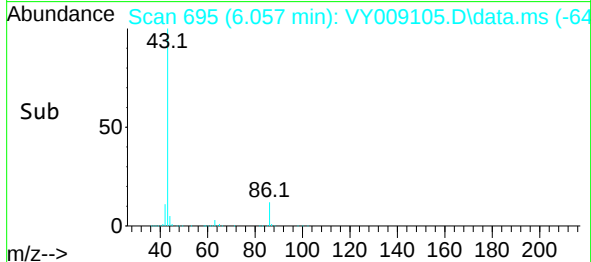
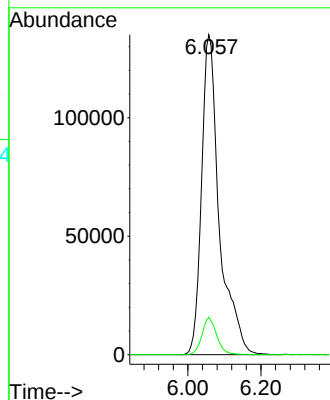
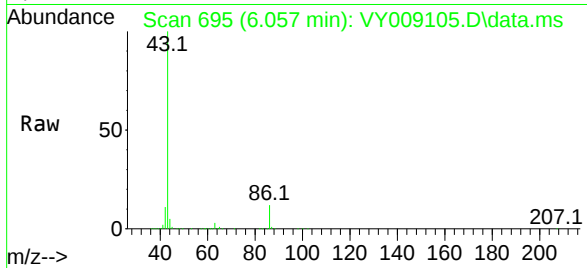




#23
 Vinyl Acetate
 Concen: 231.341 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY009105.D
 Acq: 25 May 2022 21:10

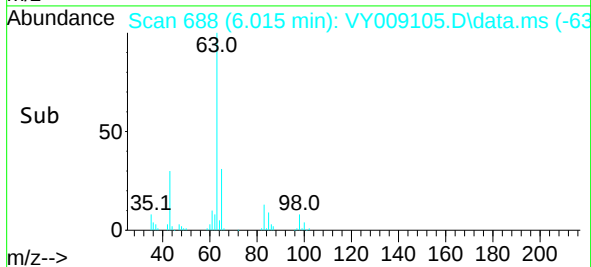
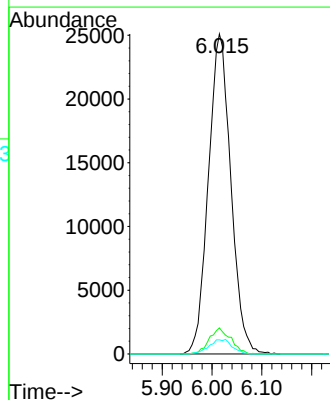
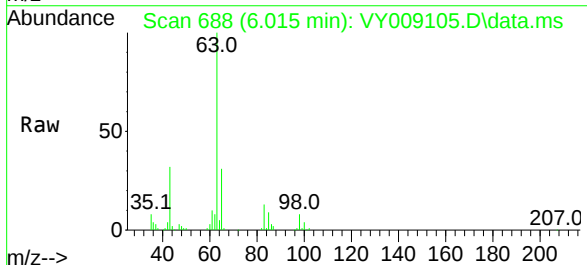
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 456088
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 44.074 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009105.D
 Acq: 25 May 2022 21:10

Tgt Ion: 63 Resp: 78569
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 4.4 2.0 5.8

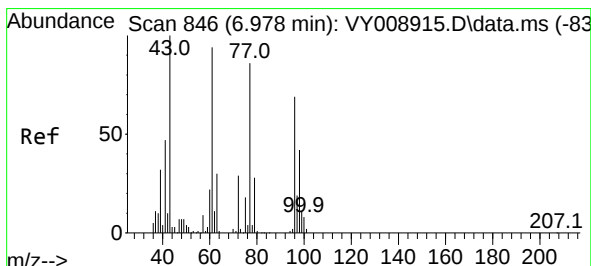
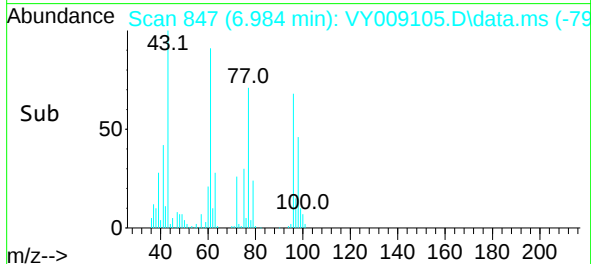
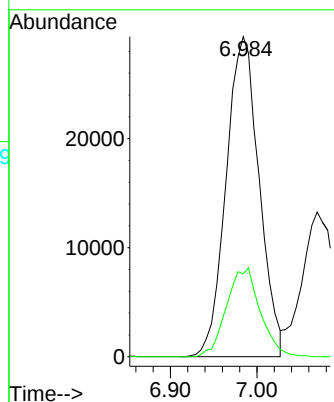
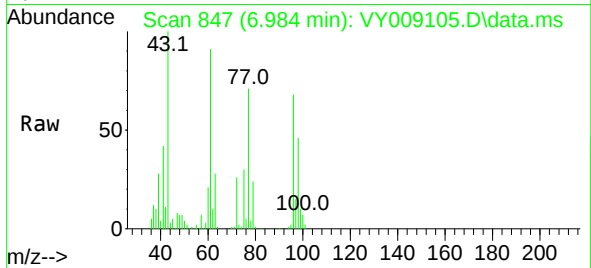




#25
2-Butanone
Concen: 232.087 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

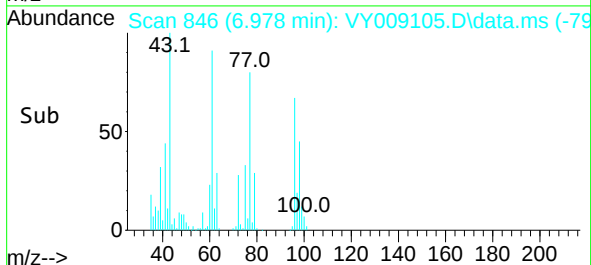
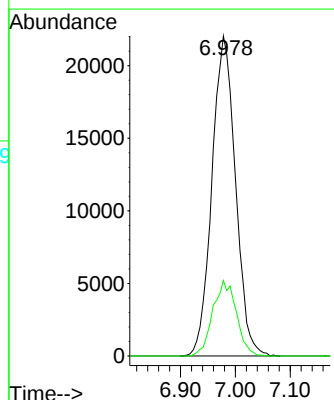
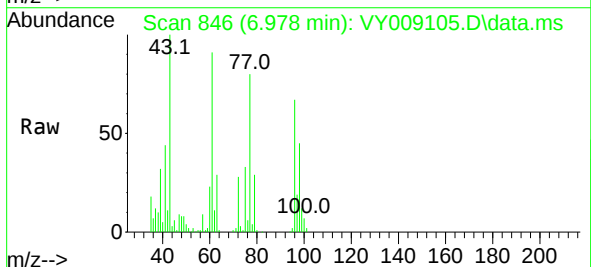
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

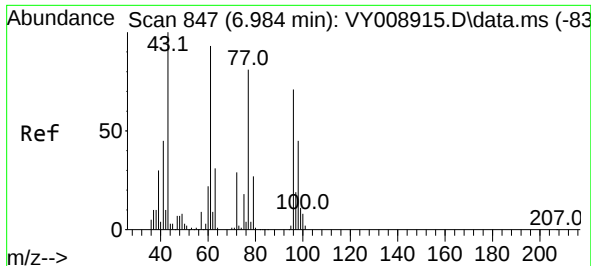
Tgt Ion: 43 Resp: 77723
Ion Ratio Lower Upper
43 100
72 25.9 17.7 26.5



#26
2,2-Dichloropropane
Concen: 40.016 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 77 Resp: 65711
Ion Ratio Lower Upper
77 100
97 23.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 43.659 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

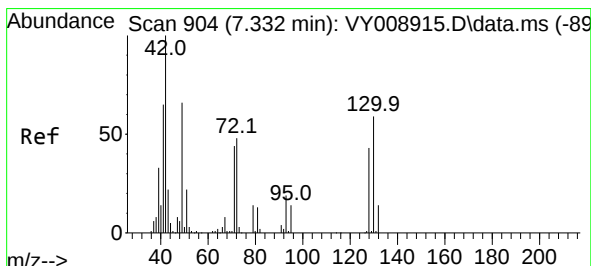
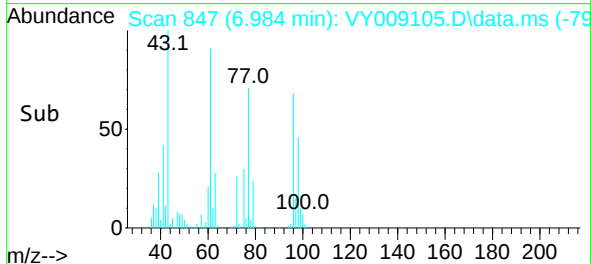
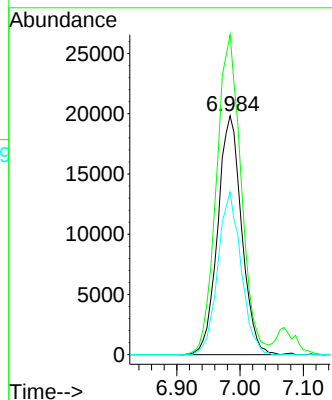
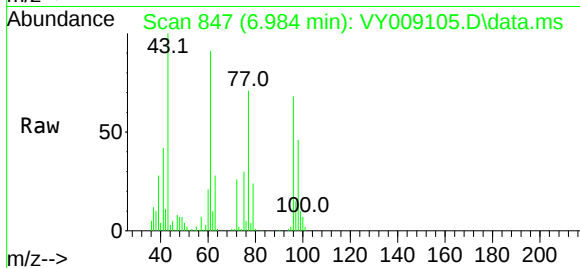
Tgt Ion: 96 Resp: 52001

Ion Ratio Lower Upper

96 100

61 138.3 0.0 319.8

98 66.3 0.0 127.0



#28

Bromochloromethane

Concen: 56.770 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

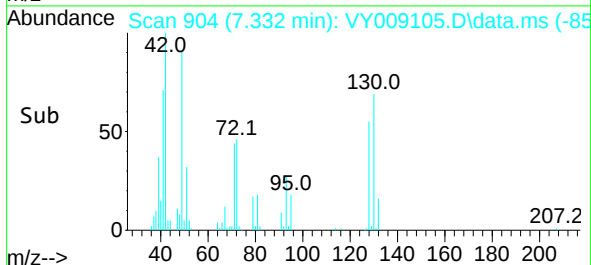
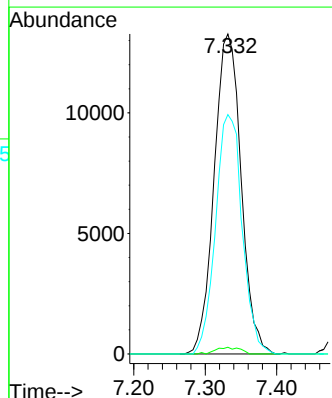
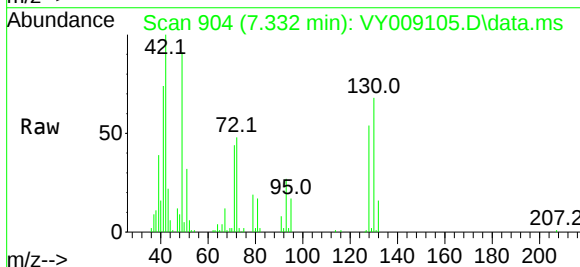
Tgt Ion: 49 Resp: 34736

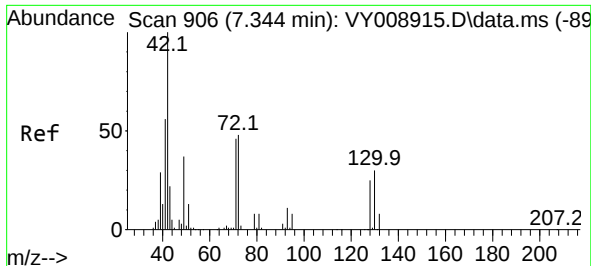
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 73.9 55.4 83.0





#29

Tetrahydrofuran

Concen: 233.609 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

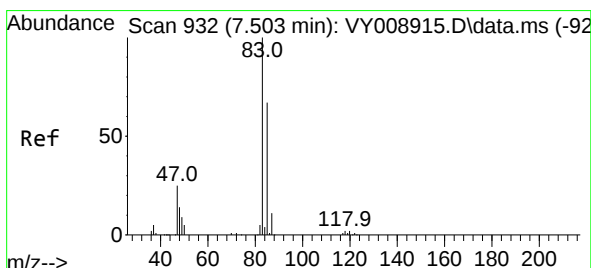
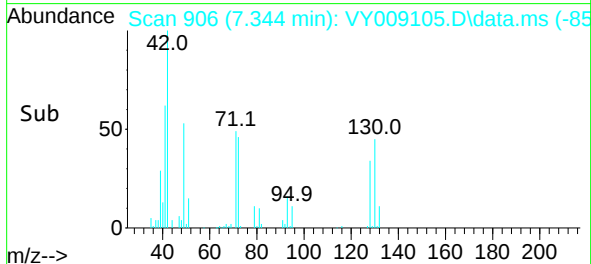
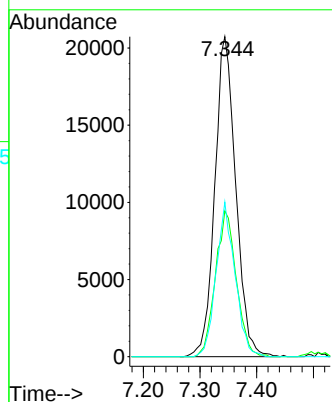
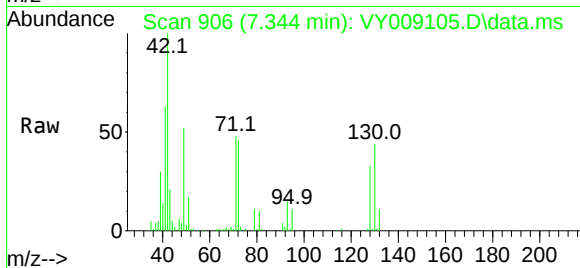
Tgt Ion: 42 Resp: 53142

Ion Ratio Lower Upper

42 100

72 45.5 30.3 45.5#

71 43.5 29.0 43.4#



#30

Chloroform

Concen: 43.668 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY009105.D

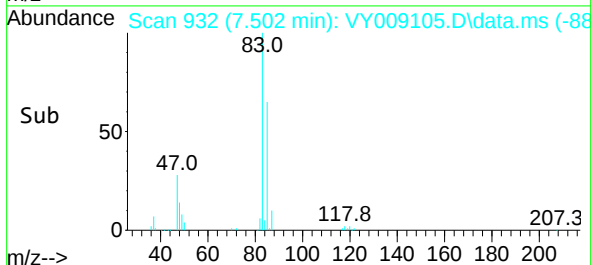
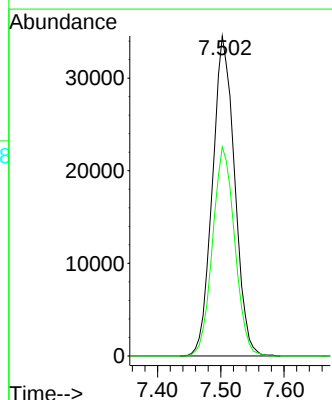
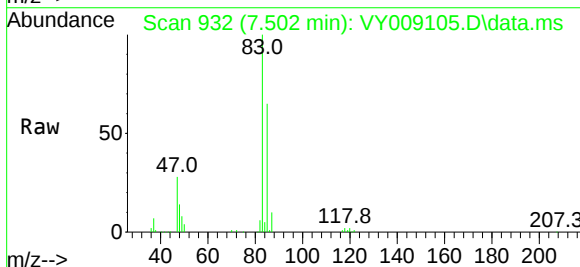
Acq: 25 May 2022 21:10

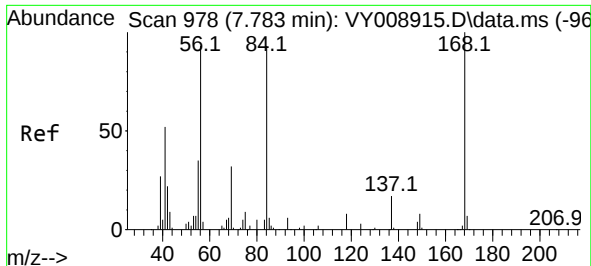
Tgt Ion: 83 Resp: 84030

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

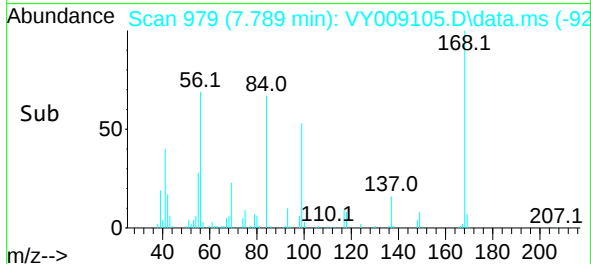
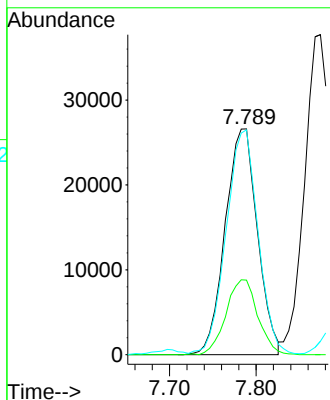
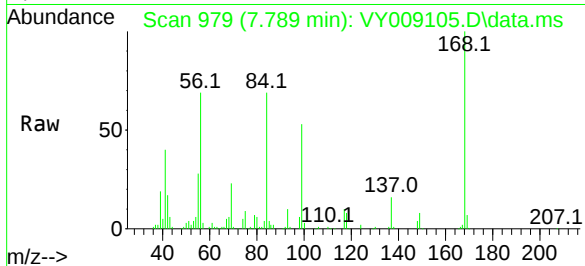




#31
Cyclohexane
Concen: 39.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

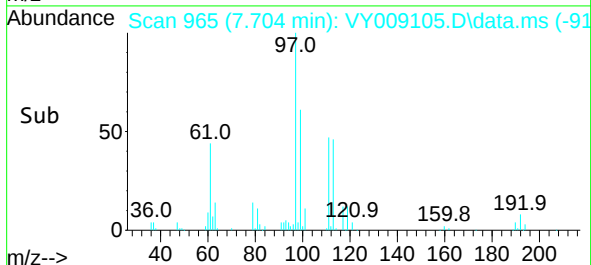
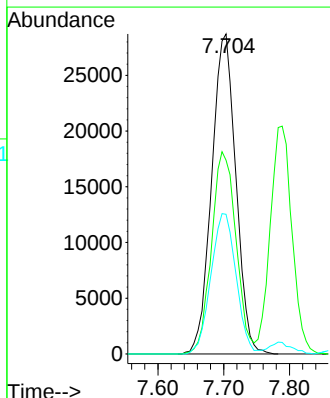
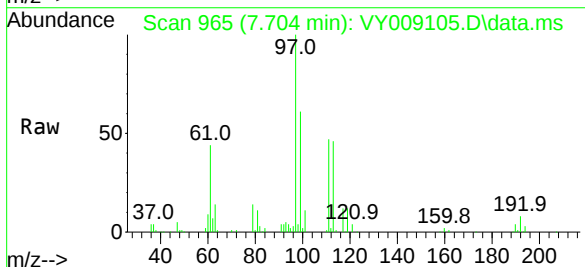
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 68724
Ion Ratio Lower Upper
56 100
69 33.0 26.7 40.1
84 98.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 42.150 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 97 Resp: 73585
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 45.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 43.103 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

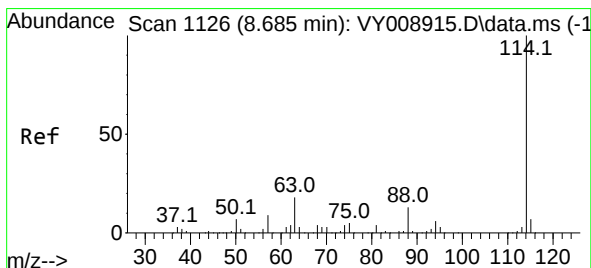
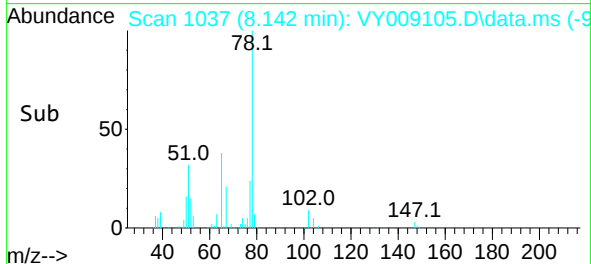
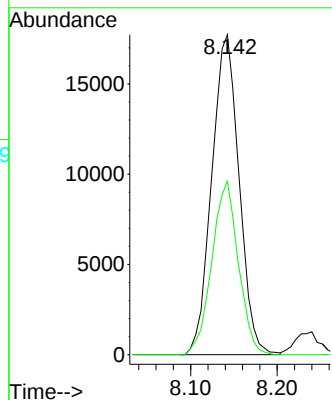
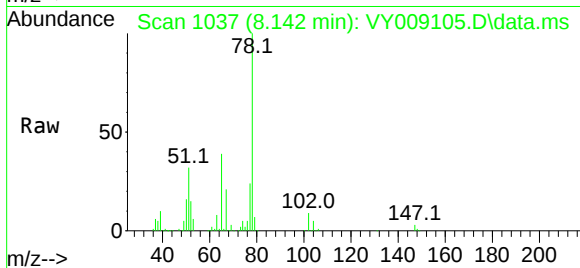
VSTDCCC050EC

Tgt Ion: 65 Resp: 38825

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

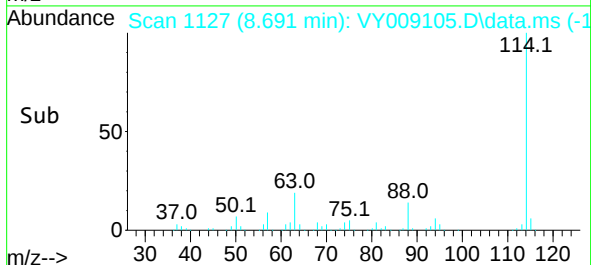
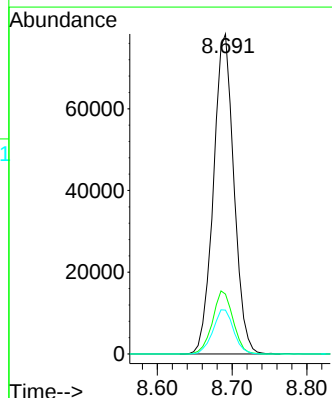
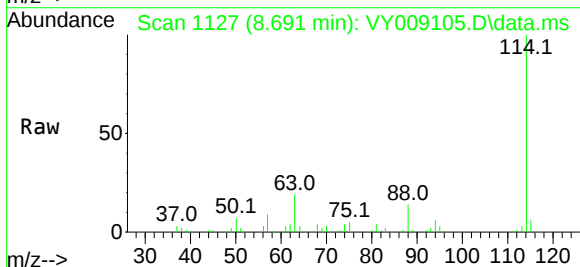
Tgt Ion: 114 Resp: 148700

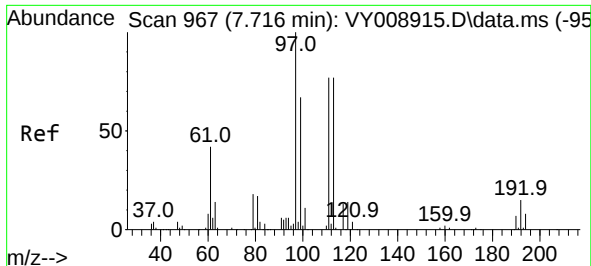
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.7 0.0 31.8

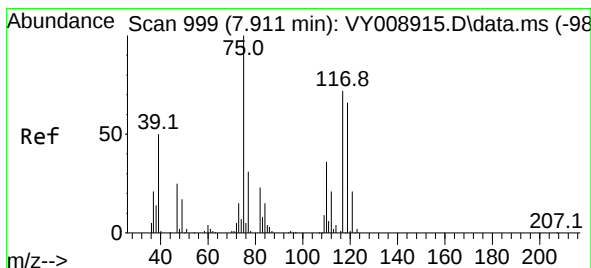
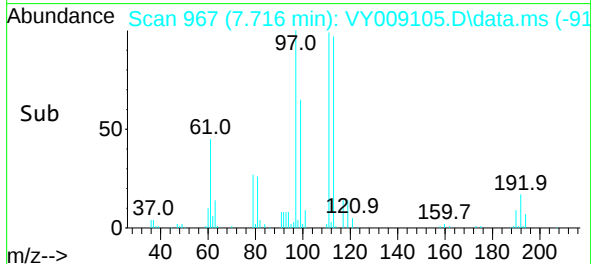
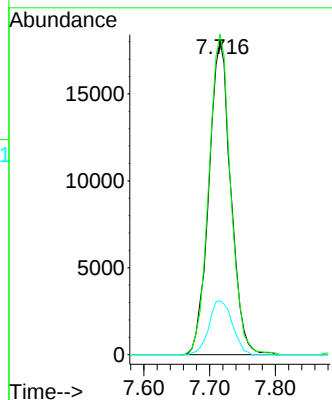
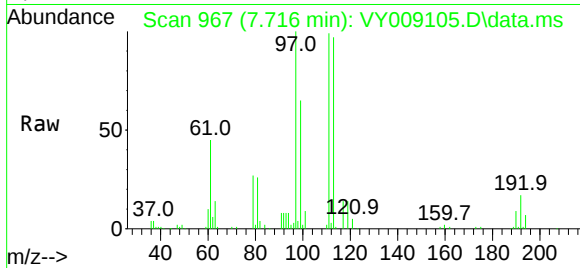




#35
Dibromofluoromethane
Concen: 45.241 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

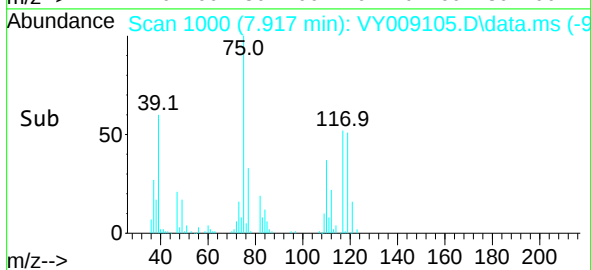
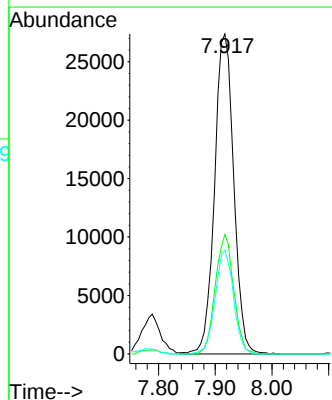
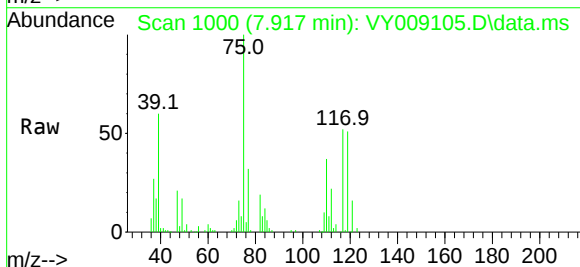
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

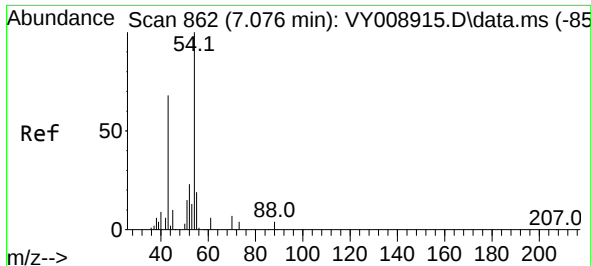
Tgt Ion:113 Resp: 41833
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 40.815 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 75 Resp: 64228
Ion Ratio Lower Upper
75 100
110 35.7 17.1 51.2
77 31.1 24.4 36.6

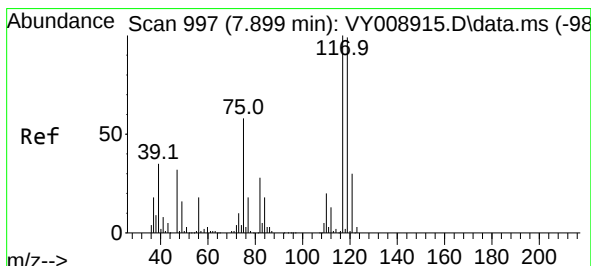
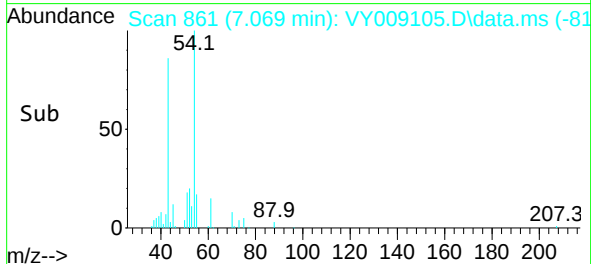
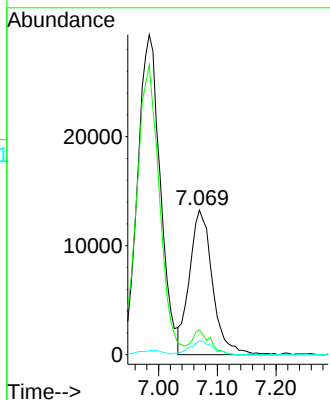
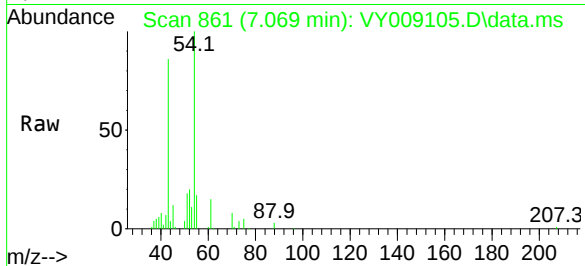




#37
Ethyl Acetate
Concen: 44.142 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

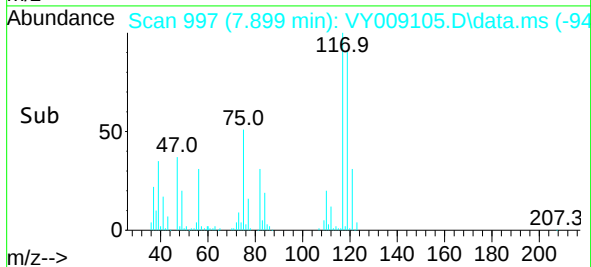
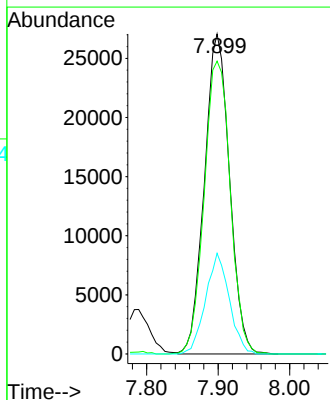
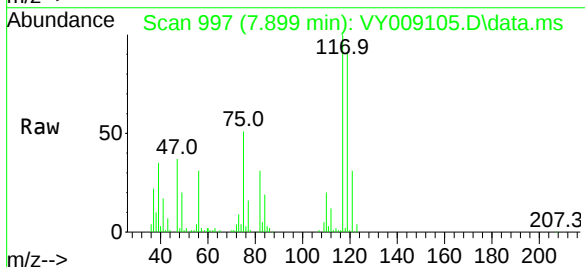
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 36032
Ion Ratio Lower Upper
43 100
61 13.6 9.7 14.5
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 40.151 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 117 Resp: 66095
Ion Ratio Lower Upper
117 100
119 91.5 77.9 116.9
121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 38.578 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

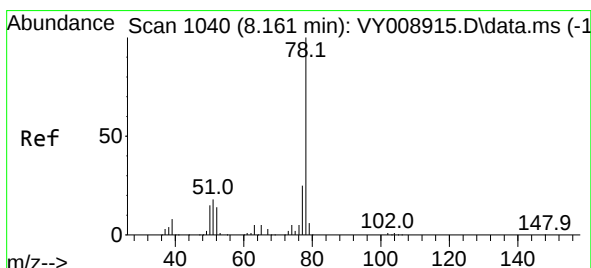
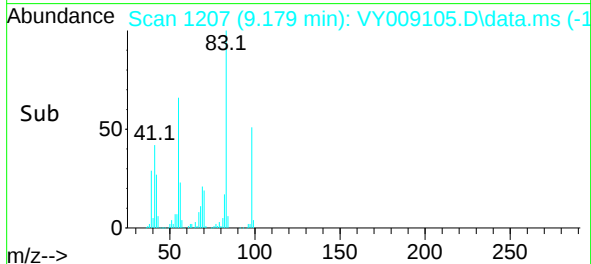
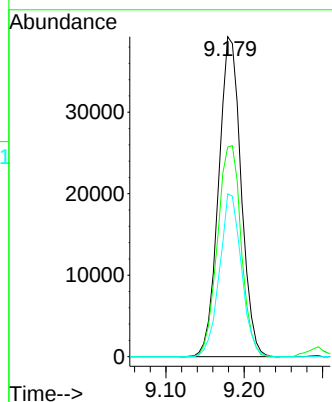
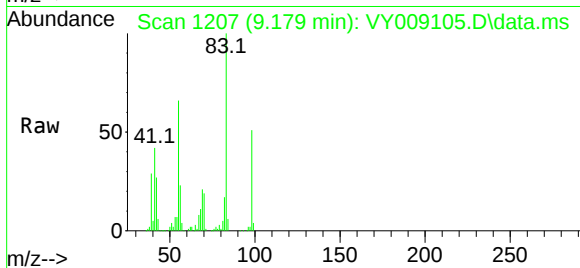
Tgt Ion: 83 Resp: 78360

Ion Ratio Lower Upper

83 100

55 65.5 66.5 99.7#

98 50.9 37.9 56.9



#40

Benzene

Concen: 42.097 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY009105.D

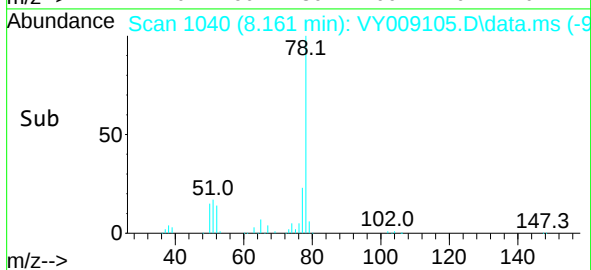
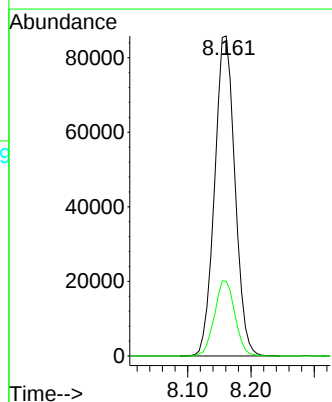
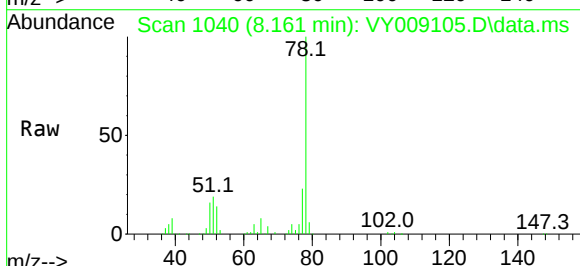
Acq: 25 May 2022 21:10

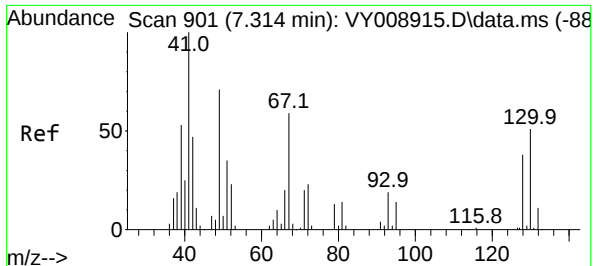
Tgt Ion: 78 Resp: 191025

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

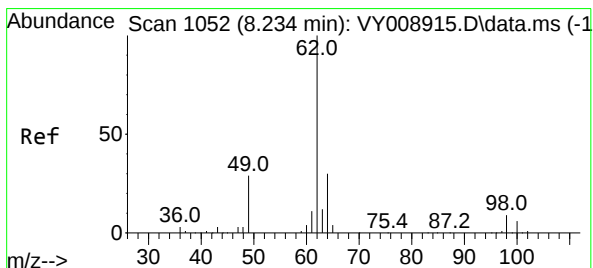
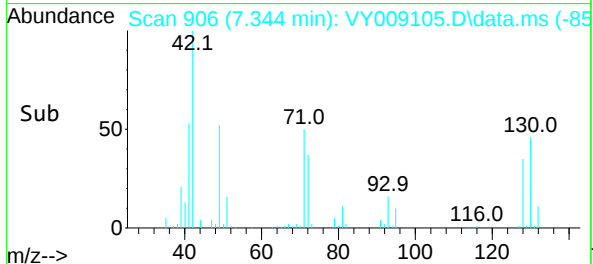
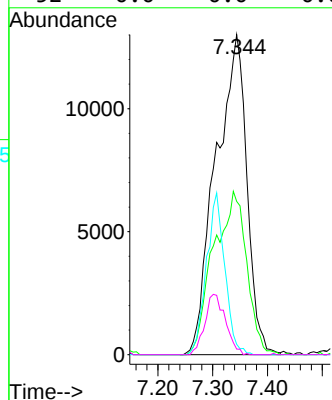
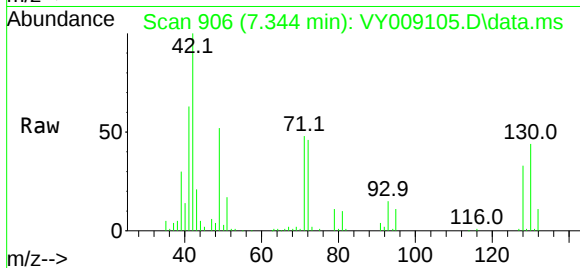




#41
Methacrylonitrile
Concen: 121.355 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

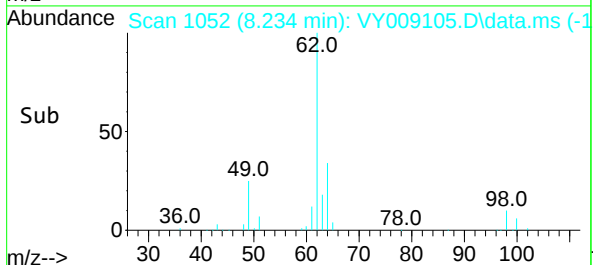
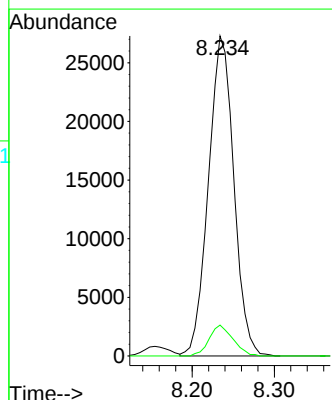
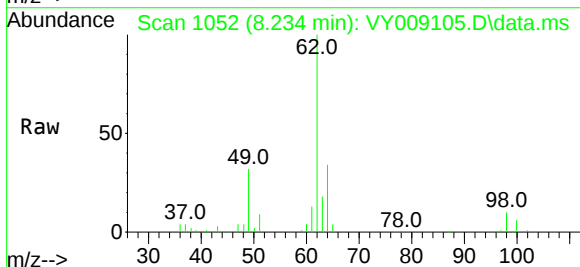
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

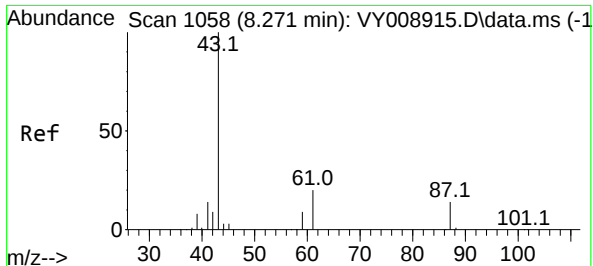
Tgt Ion: 41 Resp: 51118
Ion Ratio Lower Upper
41 100
39 54.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 43.989 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 62 Resp: 58614
Ion Ratio Lower Upper
62 100
98 9.0 0.0 14.8

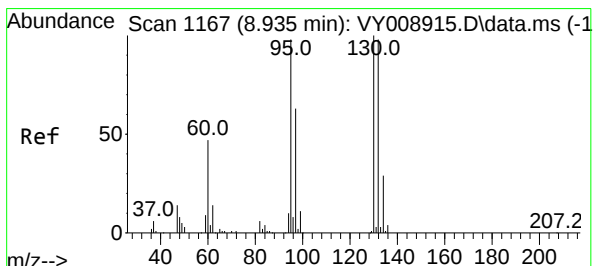
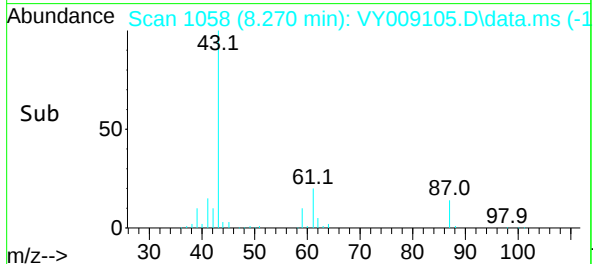
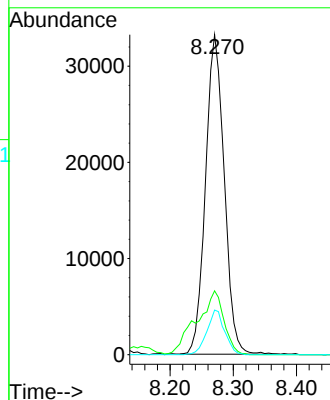
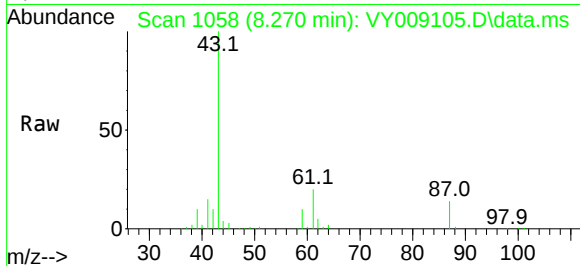




#43
Isopropyl Acetate
Concen: 45.048 ug/l
RT: 8.270 min Scan# 11058
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

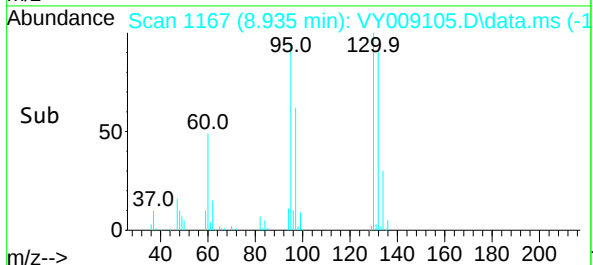
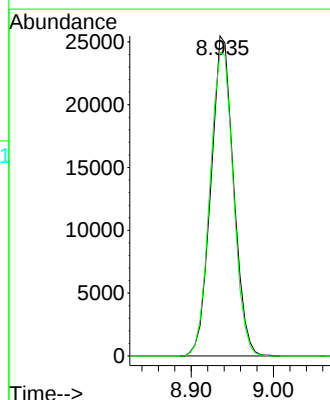
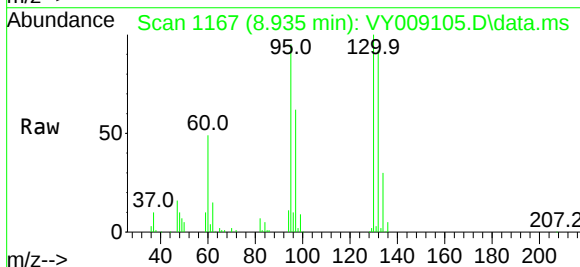
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

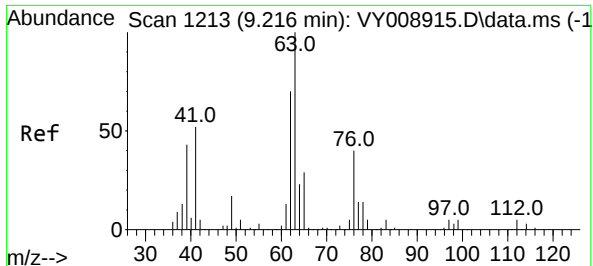
Tgt Ion: 43 Resp: 68373
Ion Ratio Lower Upper
43 100
61 29.3 20.2 30.2
87 13.2 8.9 13.3



#44
Trichloroethene
Concen: 40.698 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 130 Resp: 48899
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 44.850 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

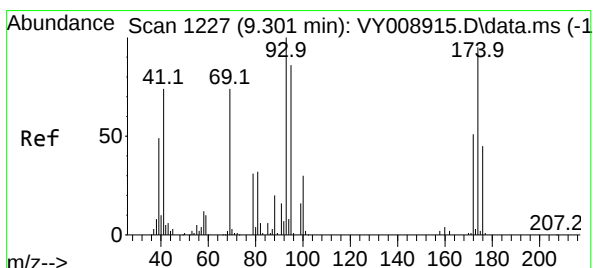
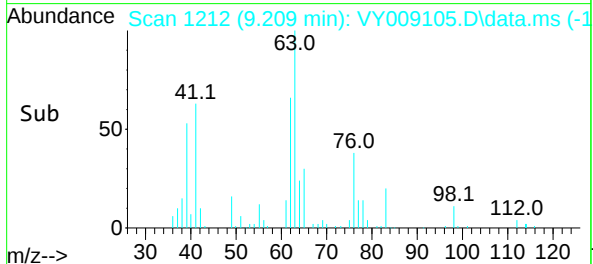
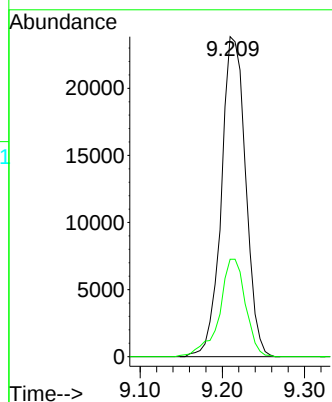
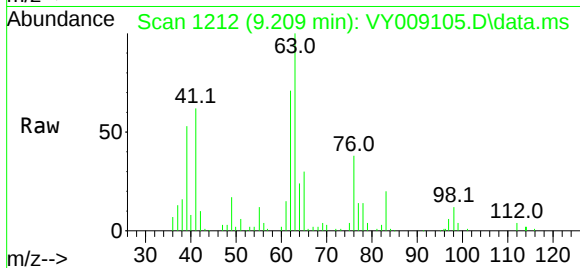
VSTDCCC050EC

Tgt Ion: 63 Resp: 48867

Ion Ratio Lower Upper

63 100

65 30.5 23.0 34.6



#46

Dibromomethane

Concen: 44.754 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

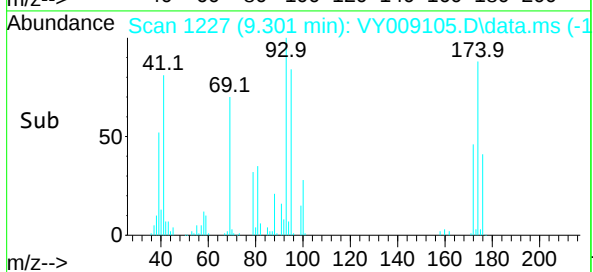
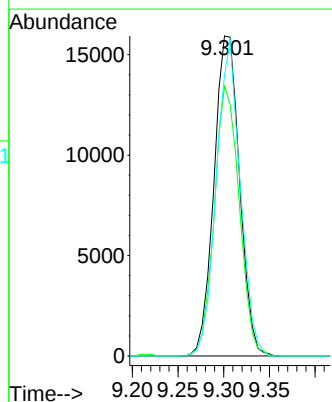
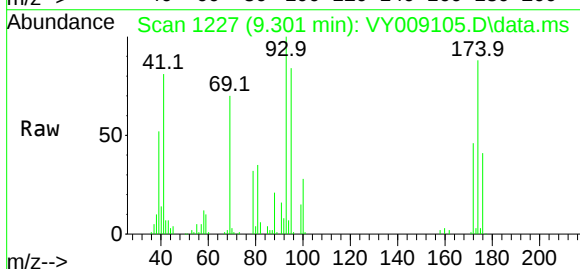
Tgt Ion: 93 Resp: 31006

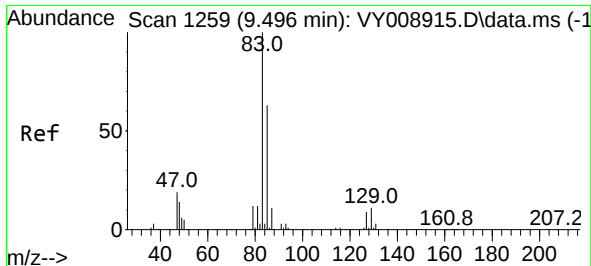
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 92.3 83.4 125.0

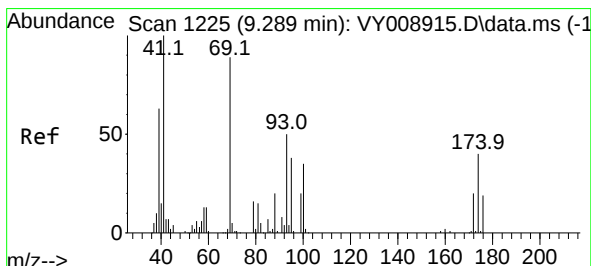
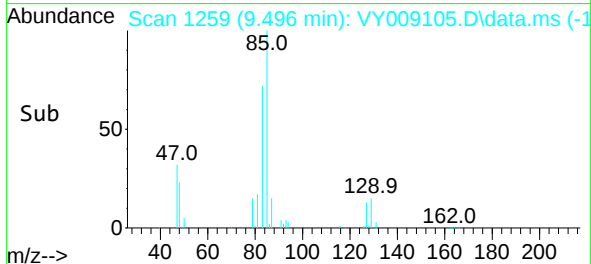
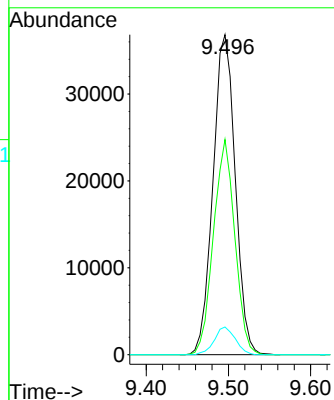
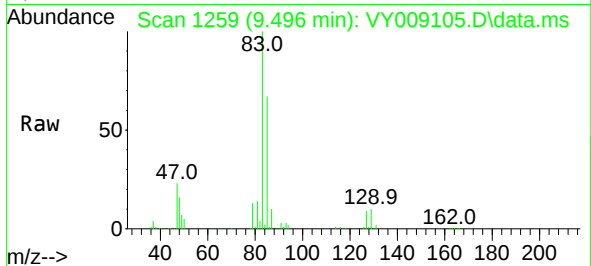




#47
Bromodichloromethane
Concen: 43.769 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

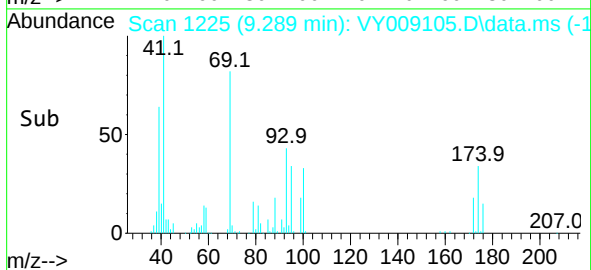
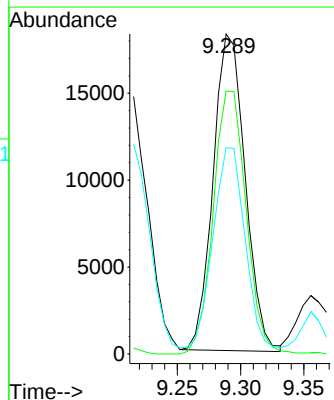
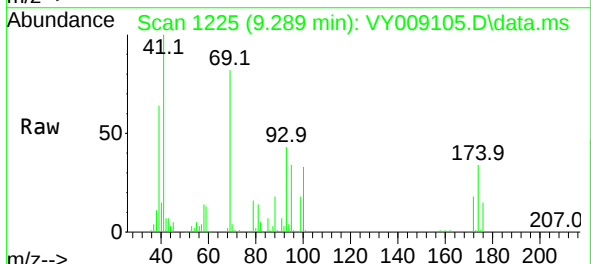
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

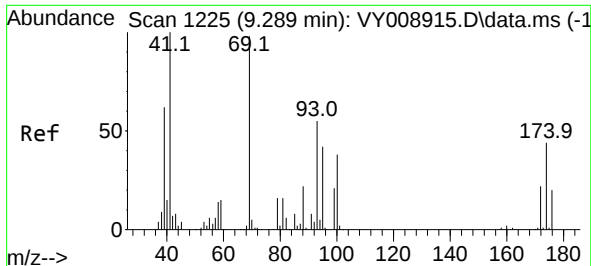
Tgt Ion: 83 Resp: 69303
Ion Ratio Lower Upper
83 100
85 67.2 51.9 77.9
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 47.273 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 41 Resp: 32039
Ion Ratio Lower Upper
41 100
69 85.6 58.2 87.2
39 63.3 47.4 71.0





#49

1,4-Dioxane

Concen: 890.689 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

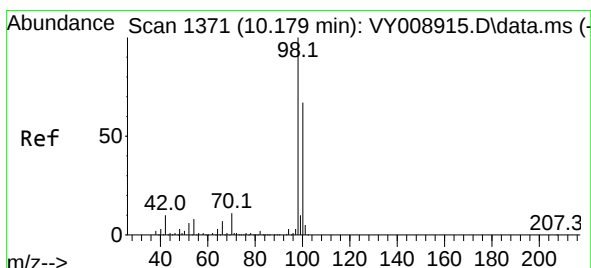
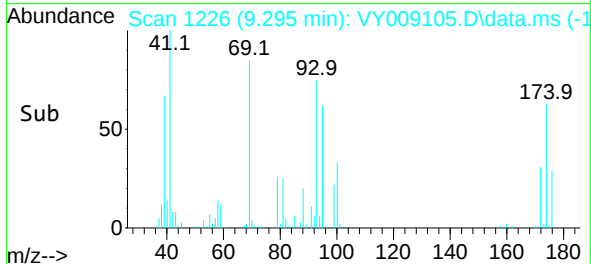
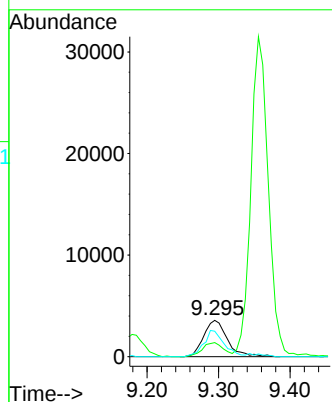
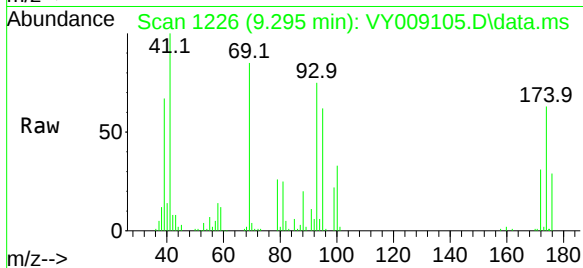
Tgt Ion: 88 Resp: 8249

Ion Ratio Lower Upper

88 100

43 34.7 32.8 49.2

58 62.0 59.8 89.6



#50

Toluene-d8

Concen: 38.744 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009105.D

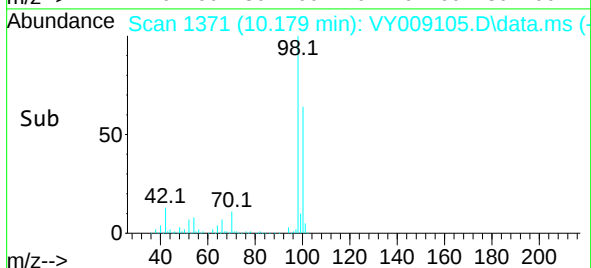
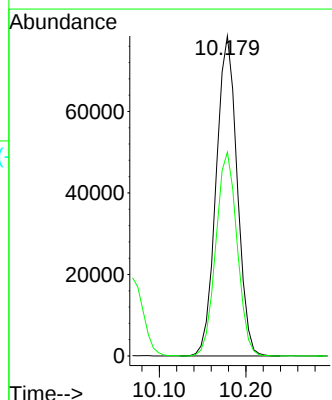
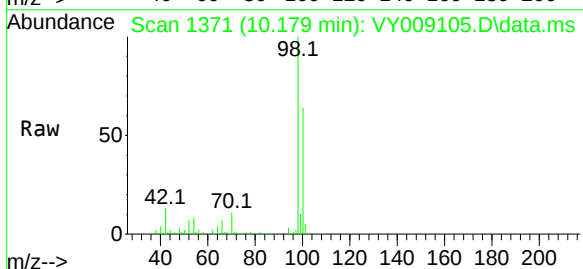
Acq: 25 May 2022 21:10

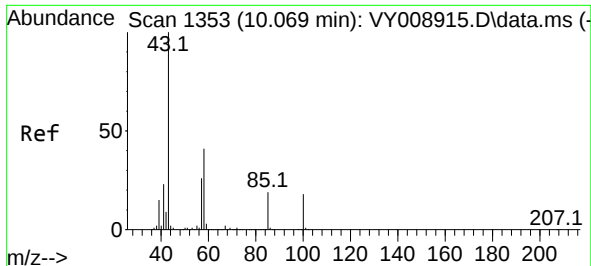
Tgt Ion: 98 Resp: 132167

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2

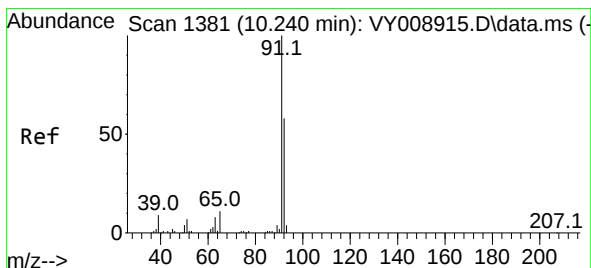
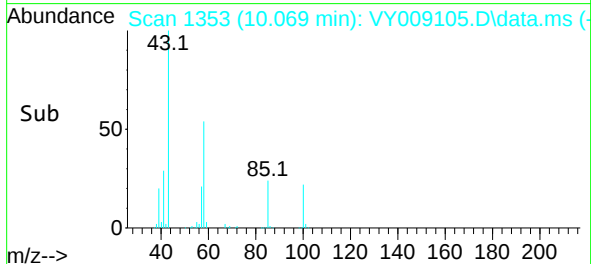
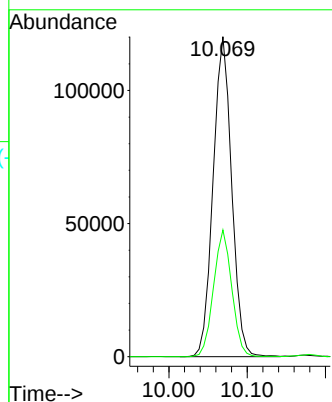
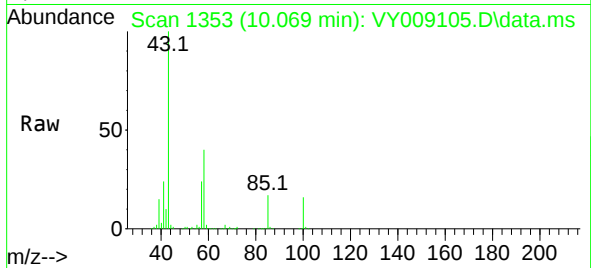




#51
4-Methyl-2-Pentanone
Concen: 235.653 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

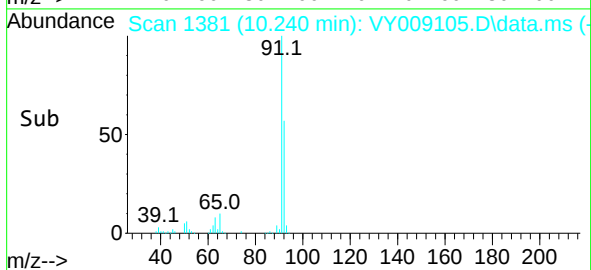
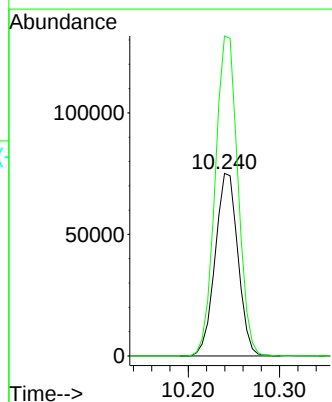
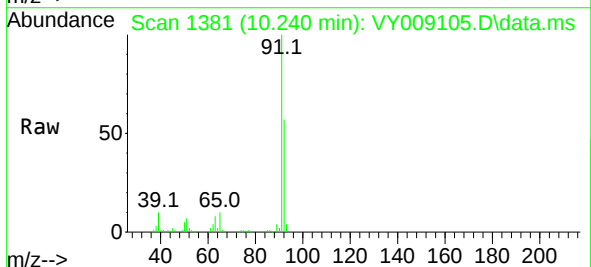
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

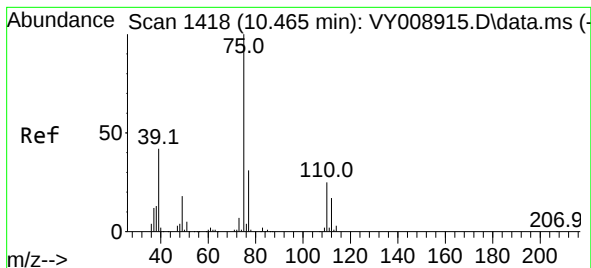
Tgt Ion: 43 Resp: 197949
Ion Ratio Lower Upper
43 100
58 38.8 28.1 42.1



#52
Toluene
Concen: 41.049 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 92 Resp: 130171
Ion Ratio Lower Upper
92 100
91 174.7 142.6 213.8

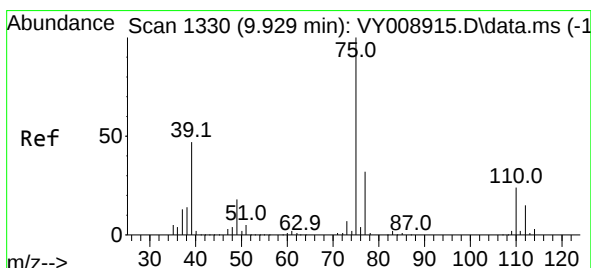
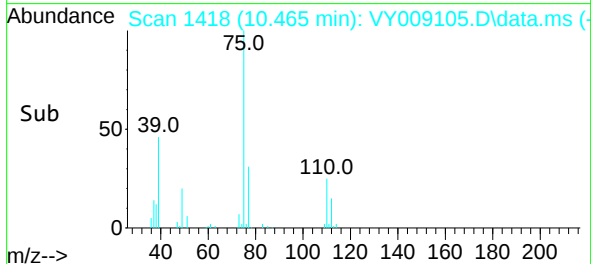
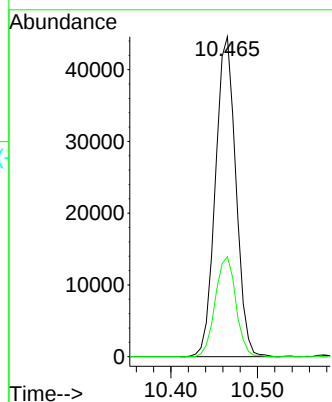
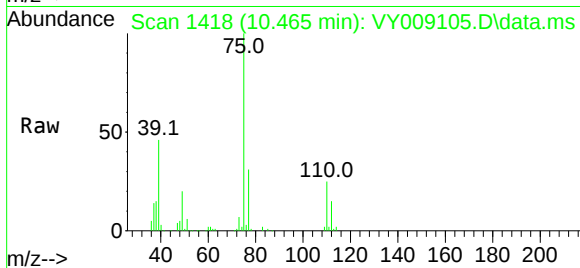




#53
t-1,3-Dichloropropene
Concen: 43.430 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

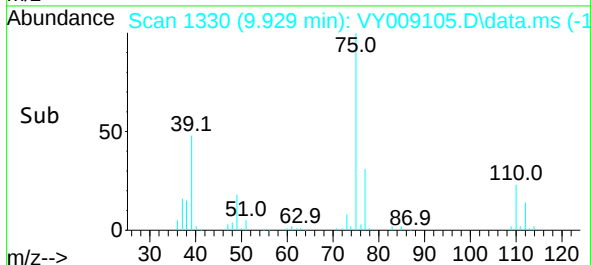
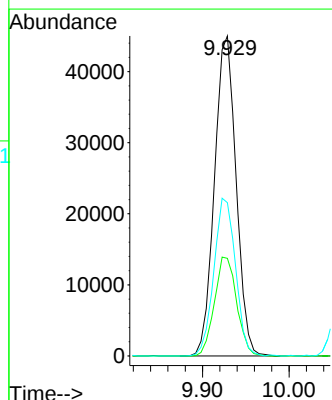
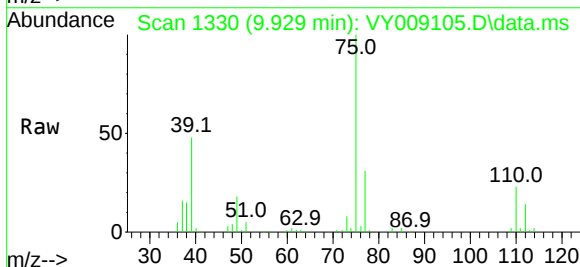
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

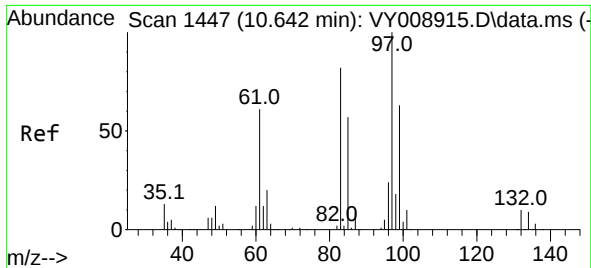
Tgt Ion: 75 Resp: 73024
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 43.156 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 75 Resp: 78008
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 47.9 47.6 71.4

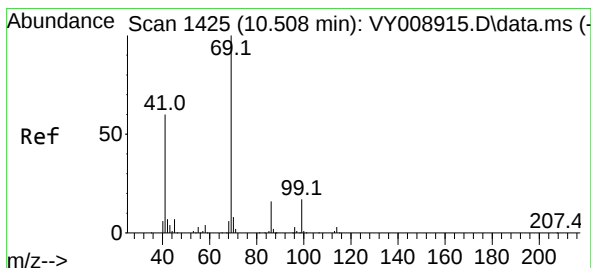
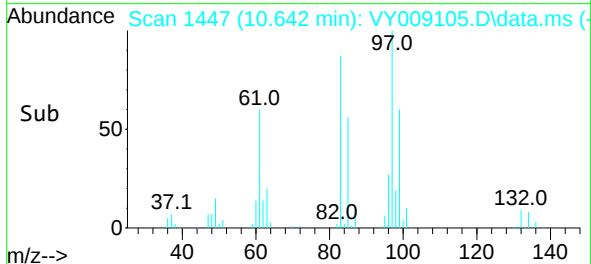
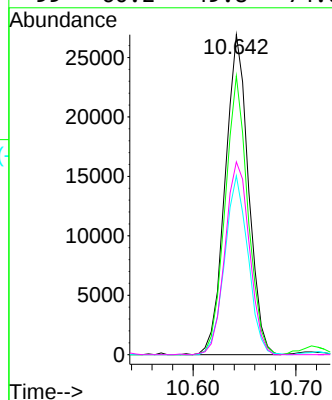
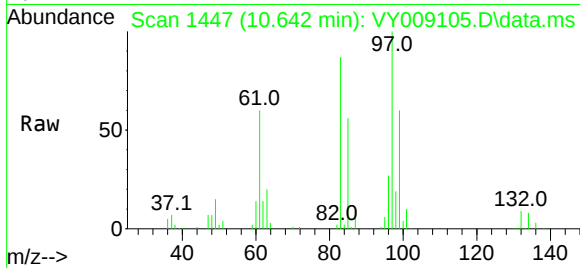




#55
1,1,2-Trichloroethane
Concen: 43.813 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

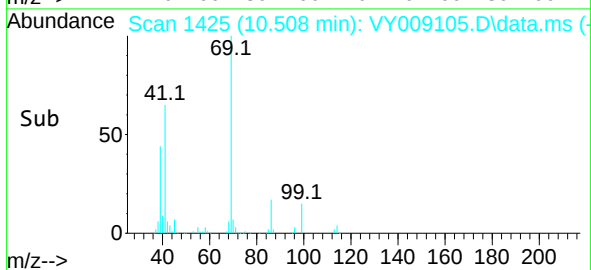
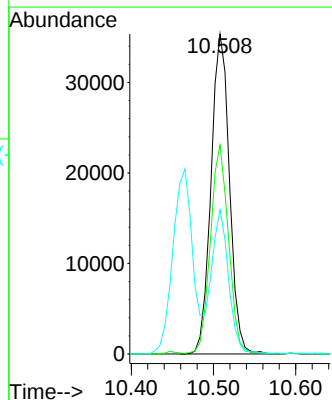
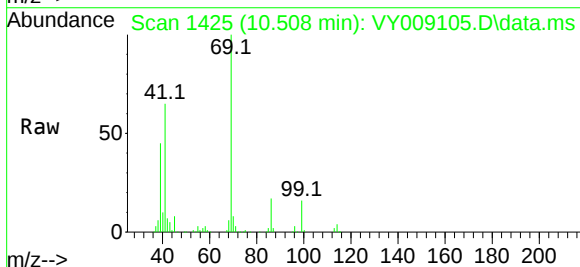
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	42467
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.8	104.8
85	55.9	44.3	66.5
99	60.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 44.397 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion:	69	Resp:	55018
Ion	Ratio	Lower	Upper
69	100		
41	64.5	63.4	95.0
39	43.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 44.779 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

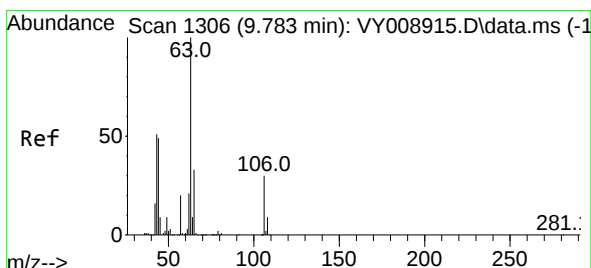
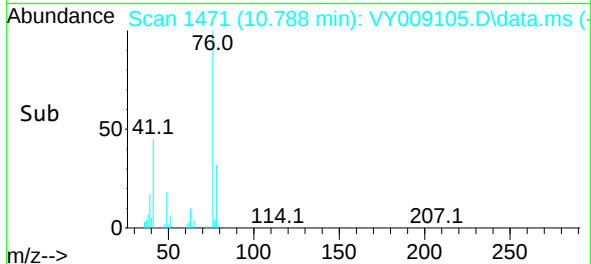
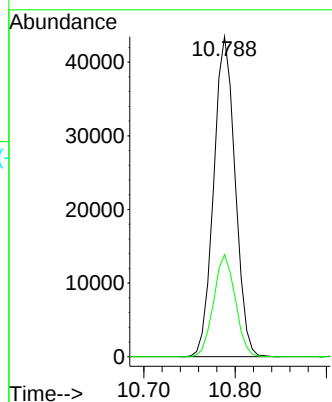
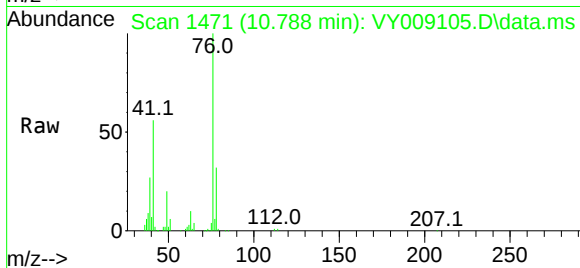
VSTDCCC050EC

Tgt Ion: 76 Resp: 70802

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.490 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY009105.D

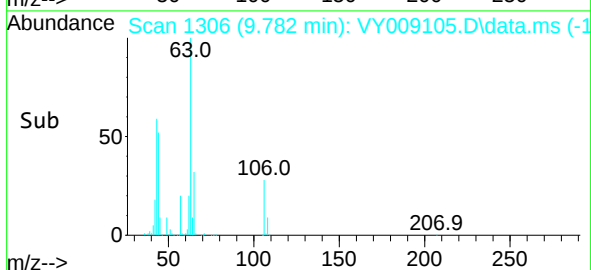
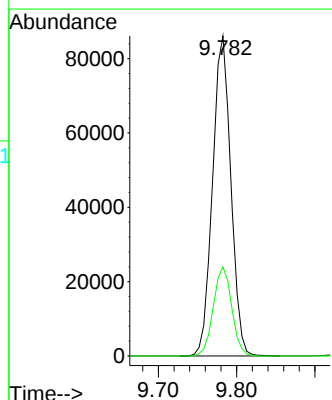
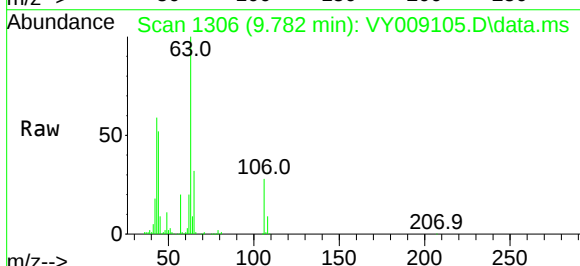
Acq: 25 May 2022 21:10

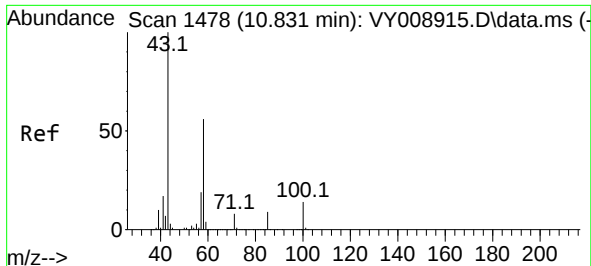
Tgt Ion: 63 Resp: 139655

Ion Ratio Lower Upper

63 100

106 28.0 21.5 32.3

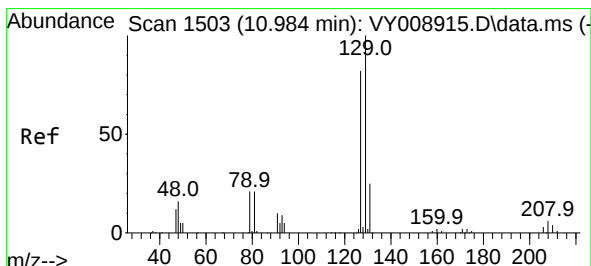
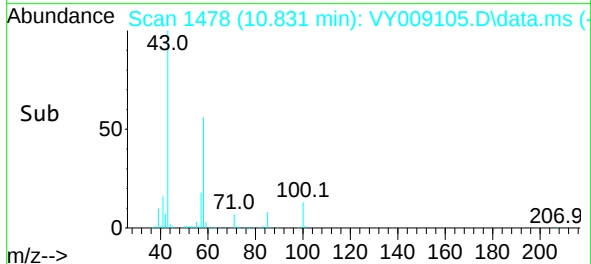
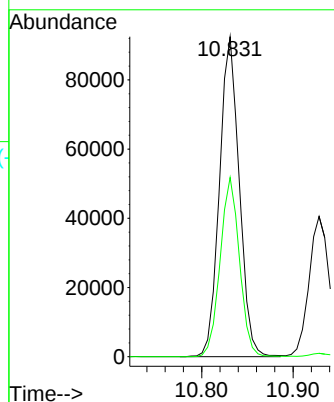
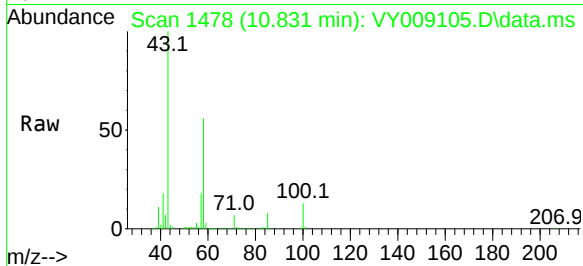




#59
2-Hexanone
Concen: 242.049 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

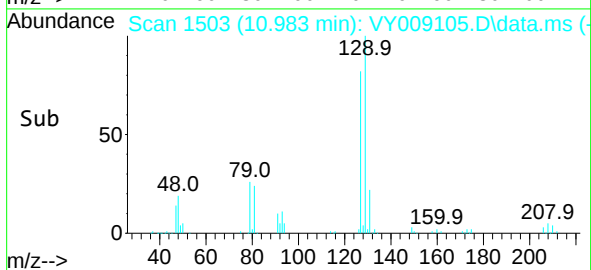
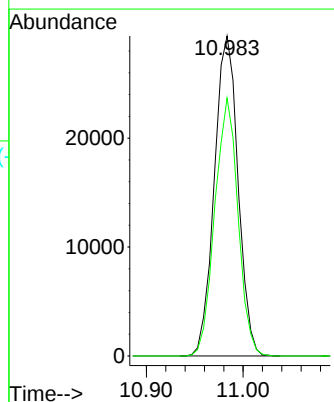
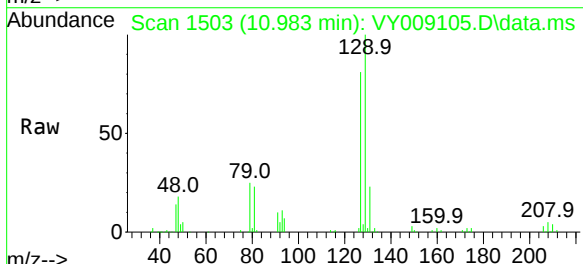
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

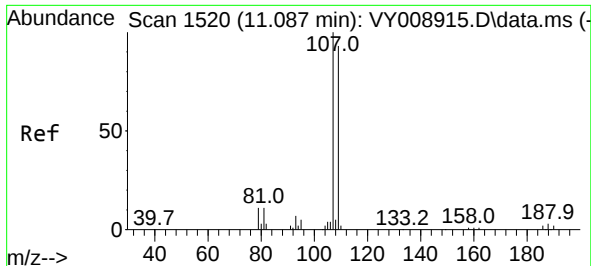
Tgt Ion: 43 Resp: 139209
Ion Ratio Lower Upper
43 100
58 54.7 24.4 73.4



#60
Dibromochloromethane
Concen: 42.524 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 129 Resp: 49964
Ion Ratio Lower Upper
129 100
127 78.9 38.7 116.1

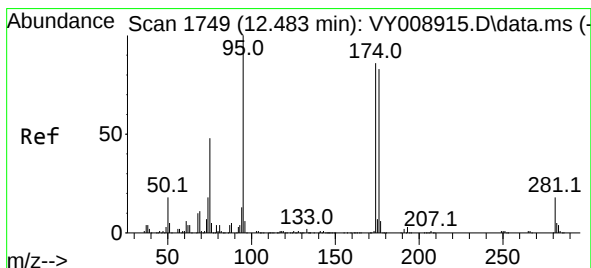
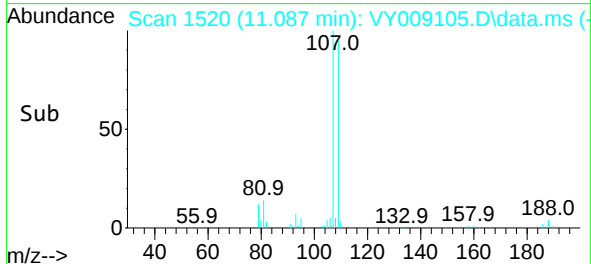
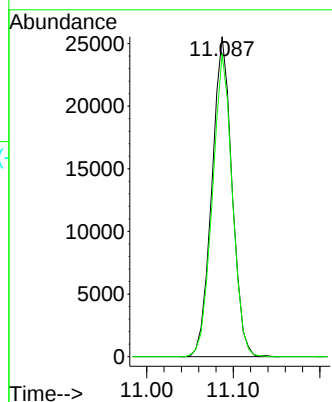
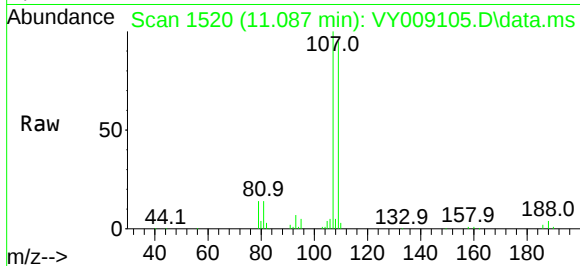




#61
1,2-Dibromoethane
Concen: 42.808 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

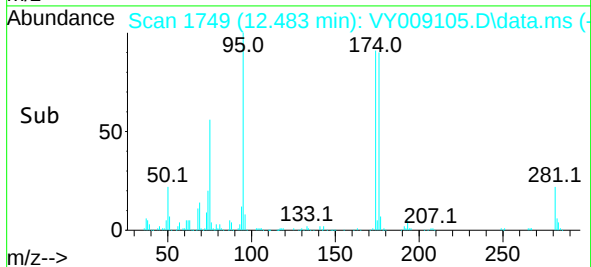
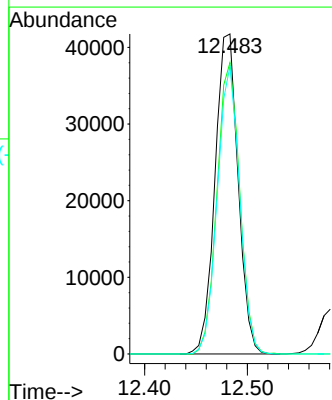
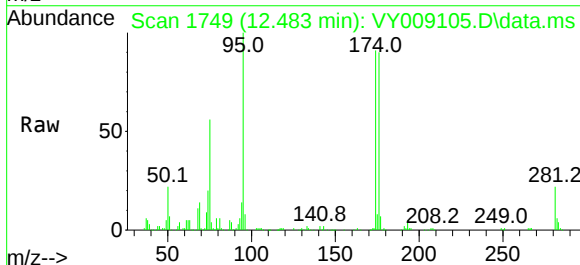
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

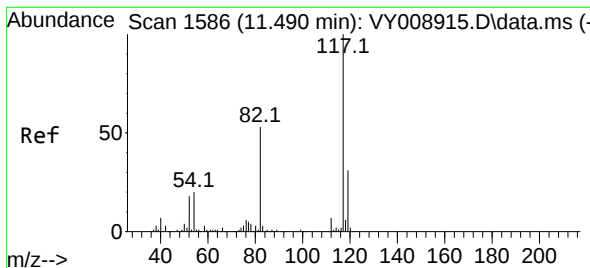
Tgt Ion:107 Resp: 41117
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.278 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 95 Resp: 65058
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 86.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

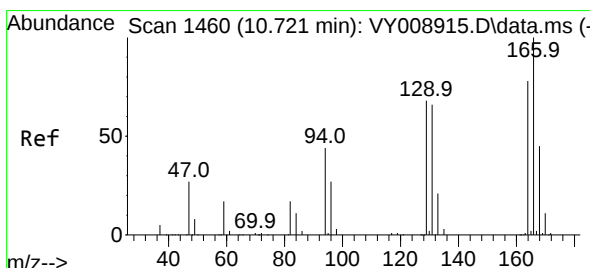
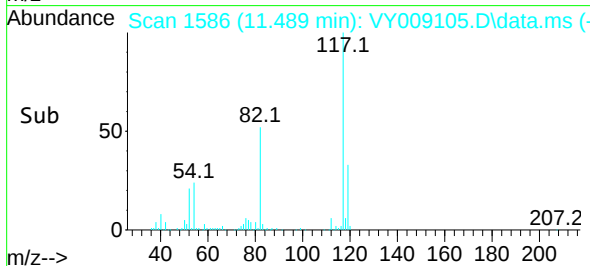
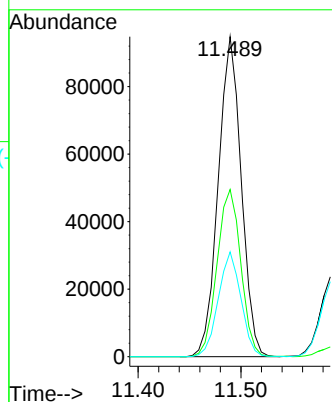
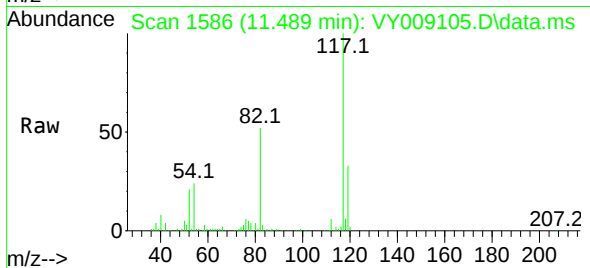
Tgt Ion:117 Resp: 147371

Ion Ratio Lower Upper

117 100

82 52.2 43.0 64.4

119 32.8 25.4 38.0



#64

Tetrachloroethene

Concen: 38.800 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Tgt Ion:164 Resp: 41619

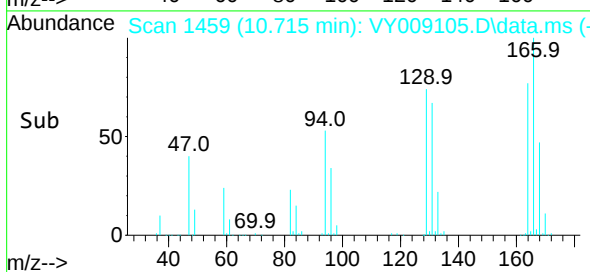
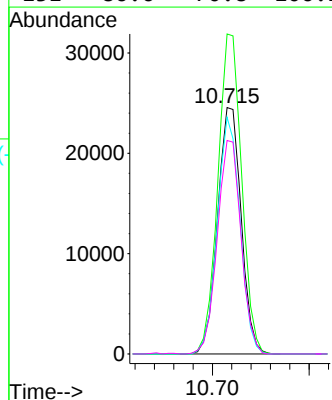
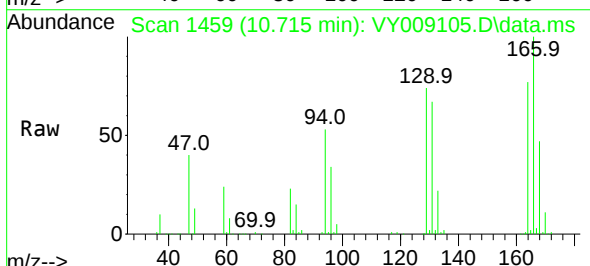
Ion Ratio Lower Upper

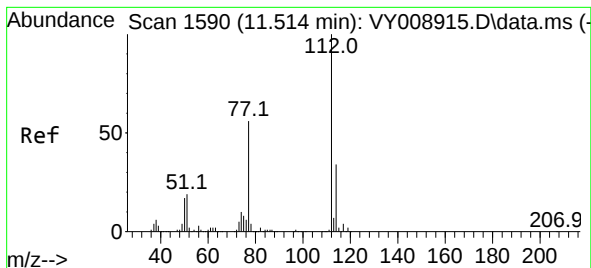
164 100

166 129.9 100.4 150.6

129 96.0 71.4 107.0

131 86.6 70.8 106.2

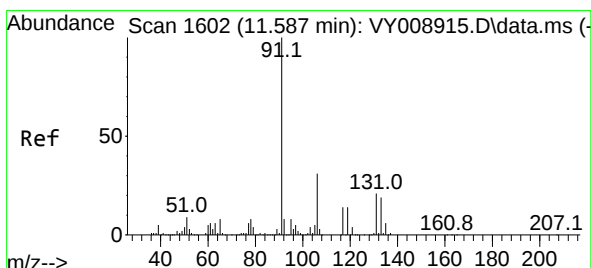
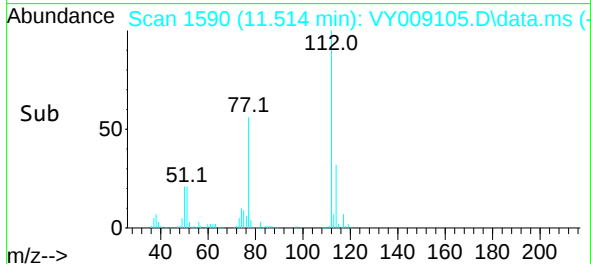
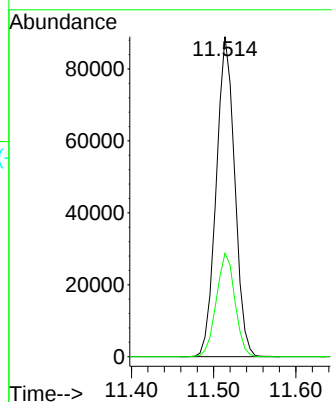
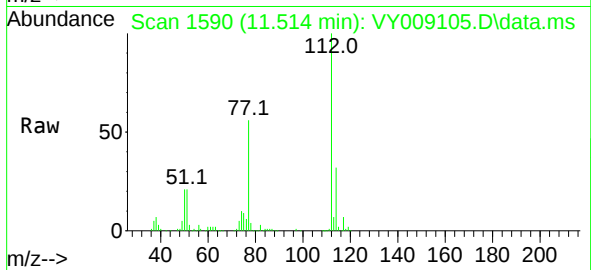




#65
Chlorobenzene
Concen: 41.071 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

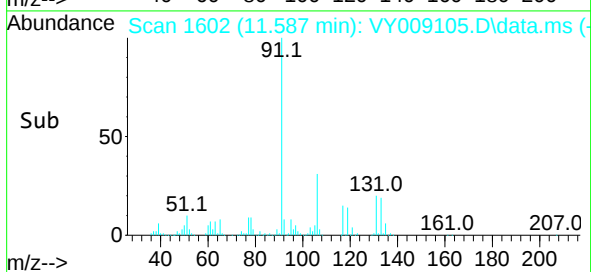
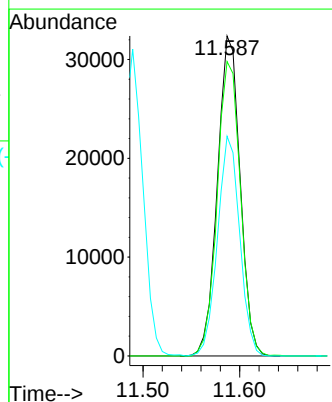
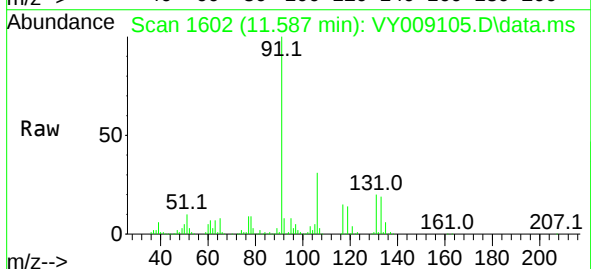
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

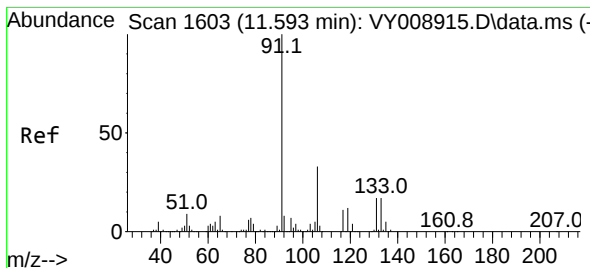
Tgt Ion:112 Resp: 138924
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 42.493 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion:131 Resp: 52630
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.6
119 67.2 30.8 92.3

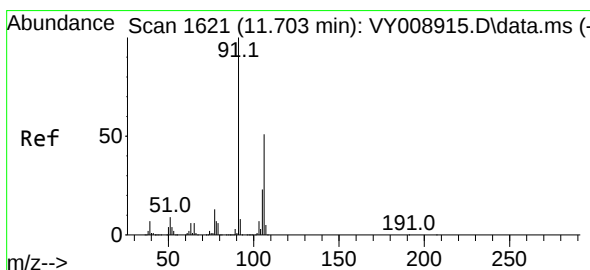
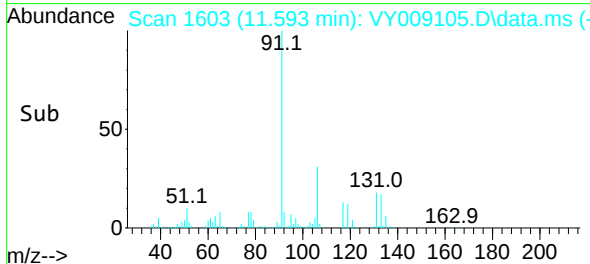
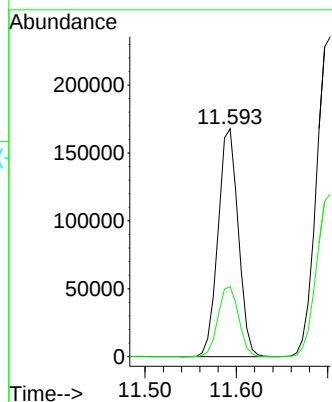
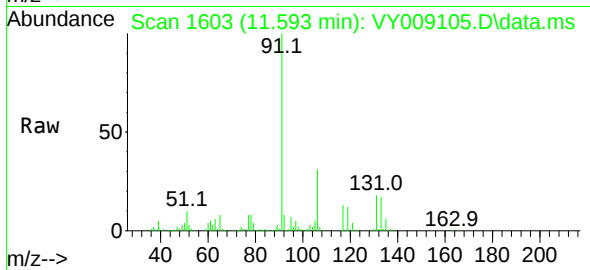




#67
Ethyl Benzene
Concen: 42.377 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

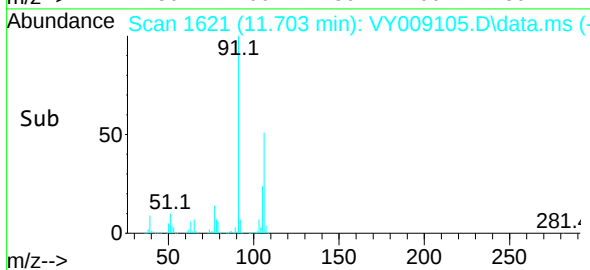
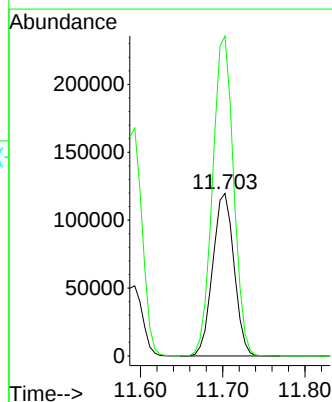
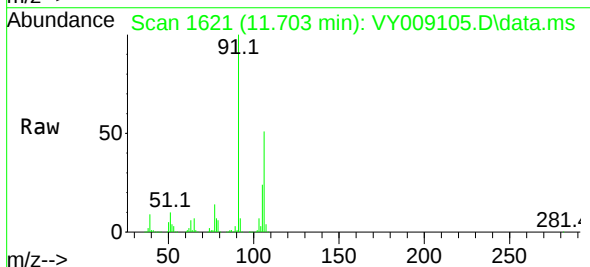
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

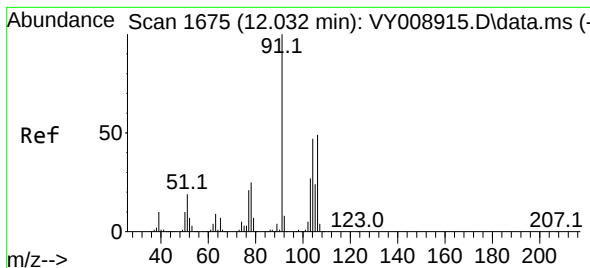
Tgt Ion: 91 Resp: 258322
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 87.110 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion:106 Resp: 215561
Ion Ratio Lower Upper
106 100
91 194.3 166.6 249.8





#69

o-Xylene

Concen: 42.846 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

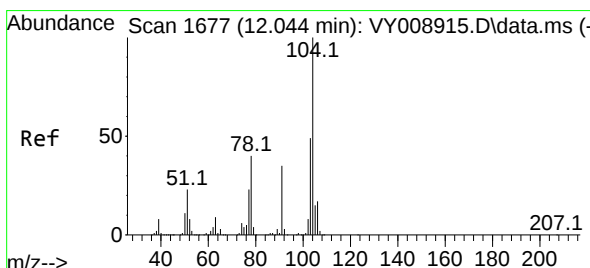
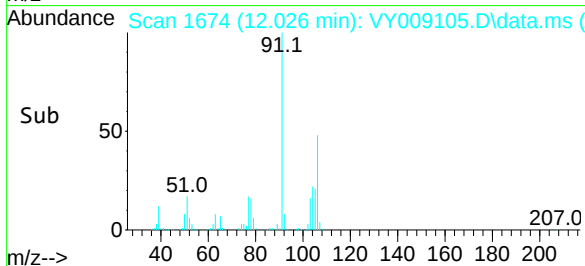
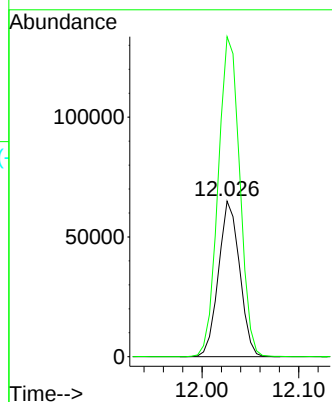
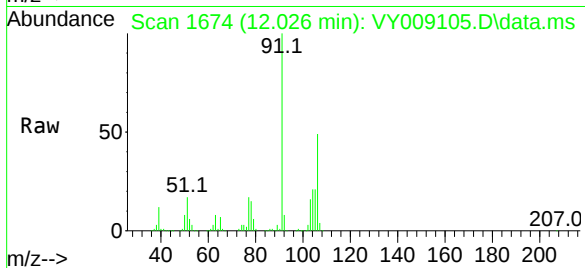
VSTDCCC050EC

Tgt Ion:106 Resp: 98457

Ion Ratio Lower Upper

106 100

91 210.7 110.3 331.0



#70

Styrene

Concen: 45.236 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

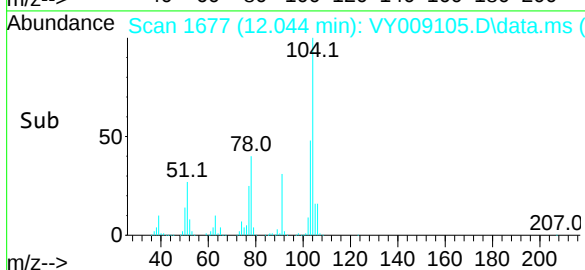
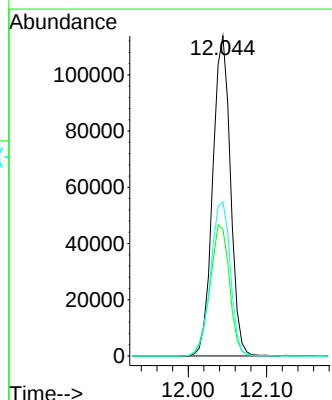
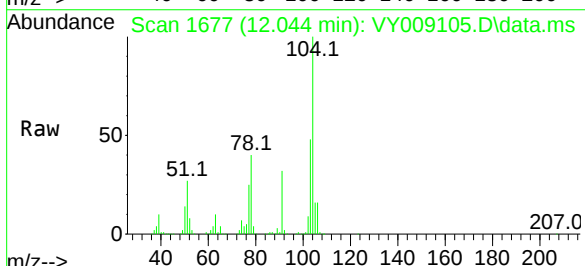
Tgt Ion:104 Resp: 178765

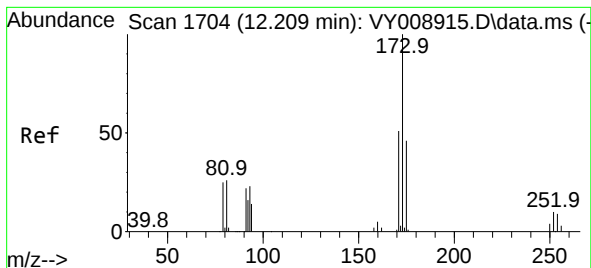
Ion Ratio Lower Upper

104 100

78 45.3 42.4 63.6

103 53.3 44.4 66.6





#71

Bromoform

Concen: 42.345 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

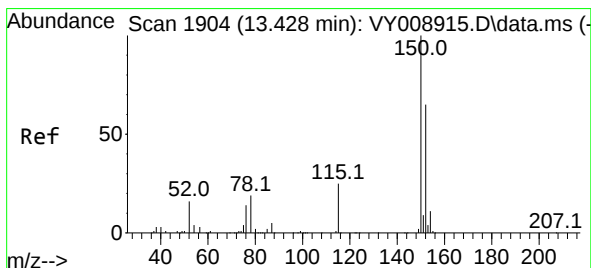
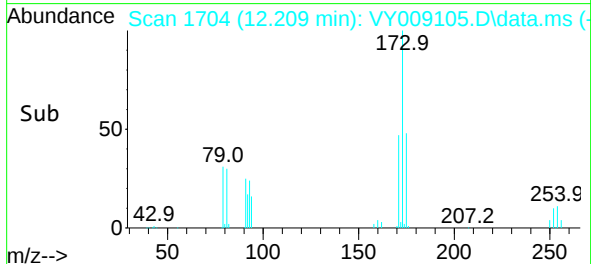
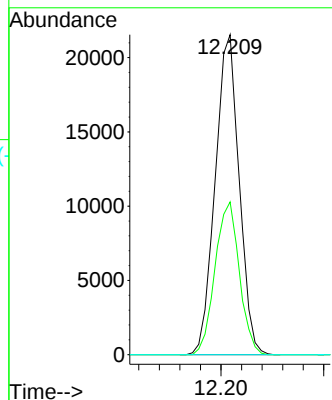
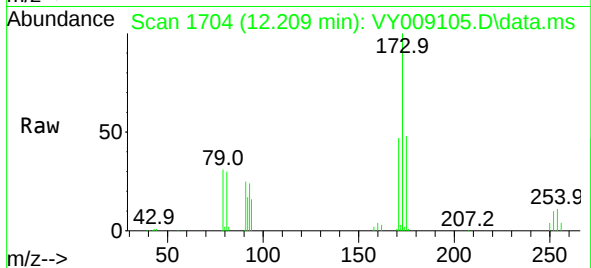
Tgt Ion:173 Resp: 34767

Ion Ratio Lower Upper

173 100

175 48.4 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. -0.006 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

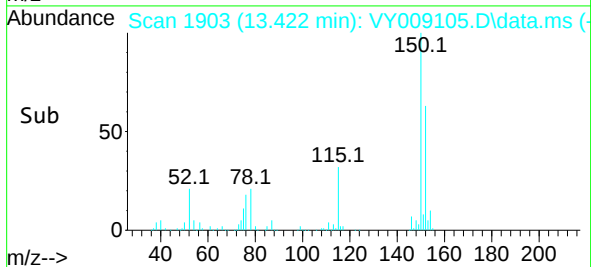
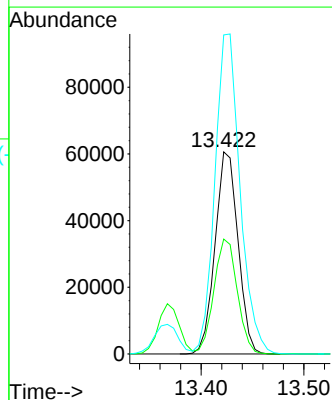
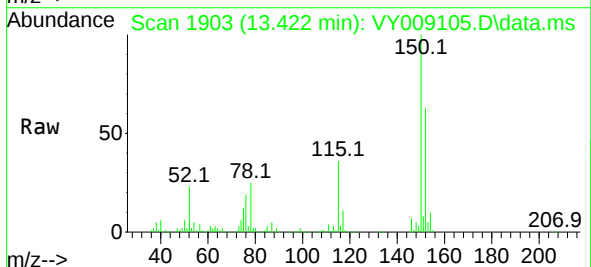
Tgt Ion:152 Resp: 93801

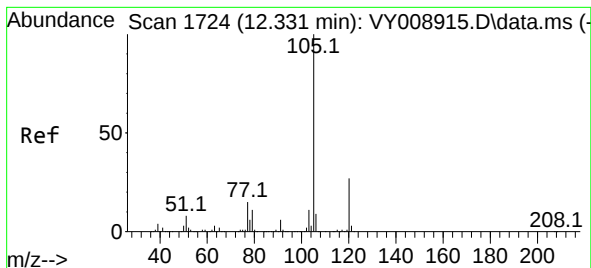
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 174.0 0.0 347.6





#73

Isopropylbenzene

Concen: 38.382 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

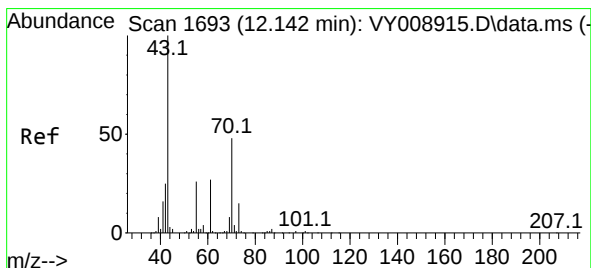
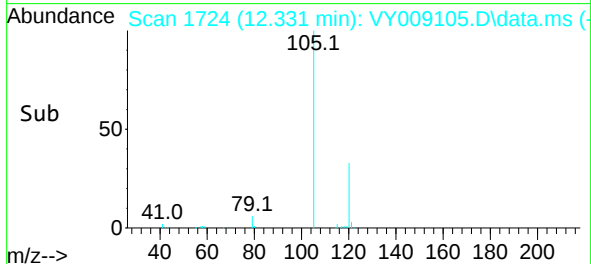
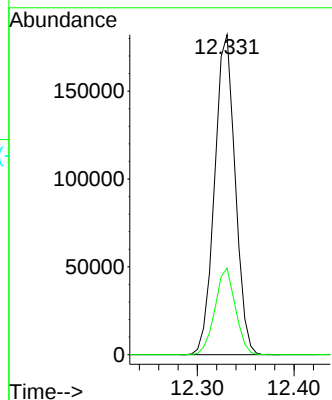
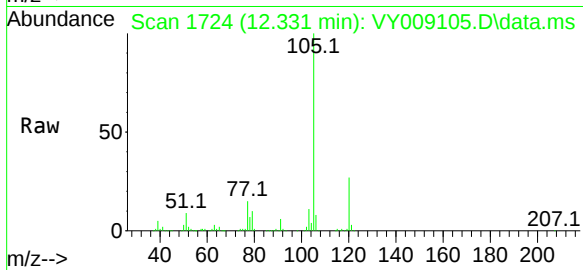
VSTDCCC050EC

Tgt Ion:105 Resp: 269206

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 45.531 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Tgt Ion: 43 Resp: 73681

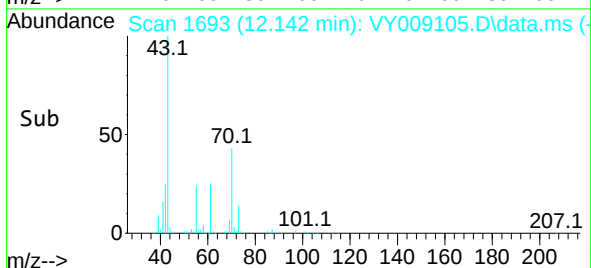
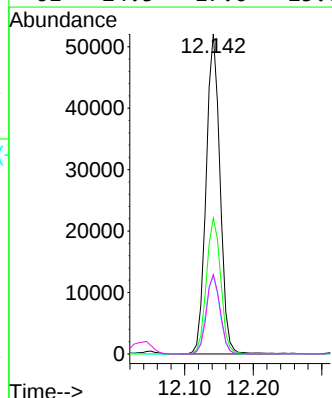
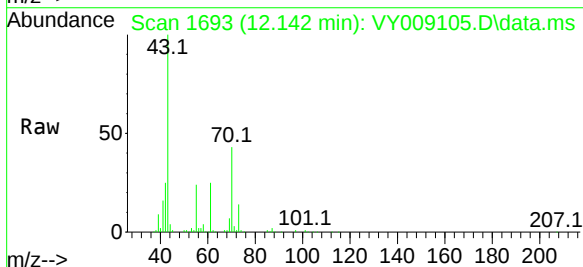
Ion Ratio Lower Upper

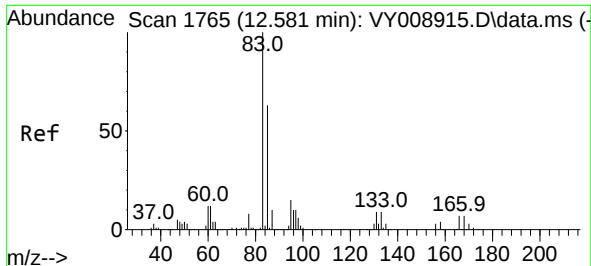
43 100

70 43.6 28.7 43.1#

55 24.8 17.3 25.9

61 24.5 17.0 25.6

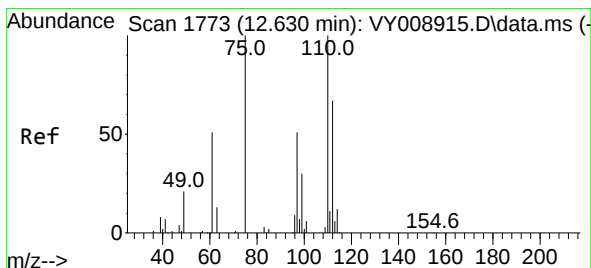
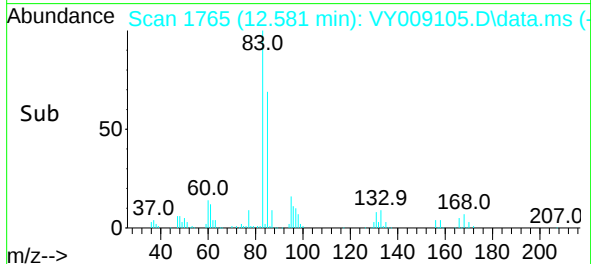
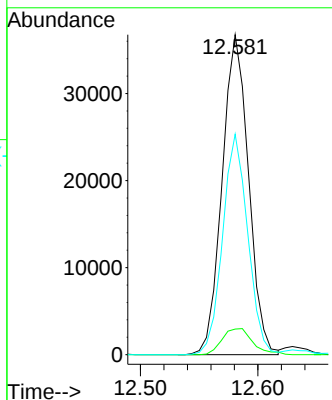
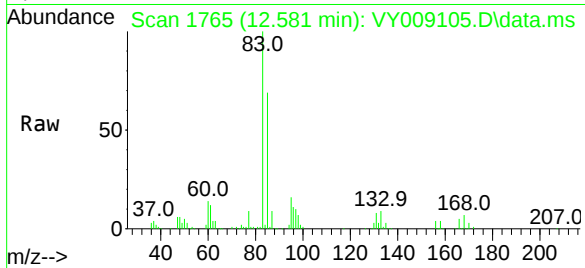




#75
 1,1,2,2-Tetrachloroethane
 Concen: 39.731 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009105.D
 Acq: 25 May 2022 21:10

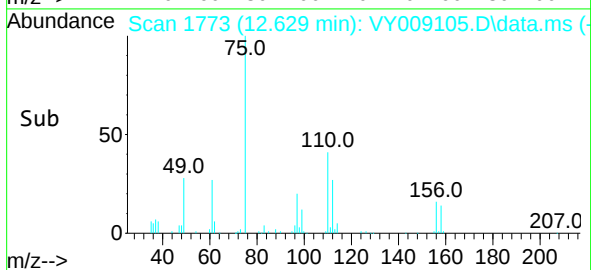
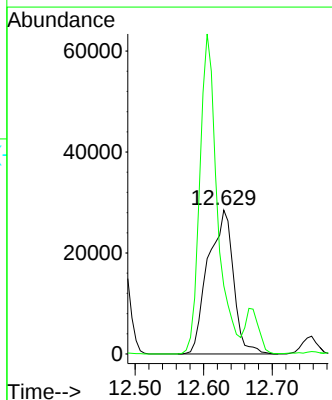
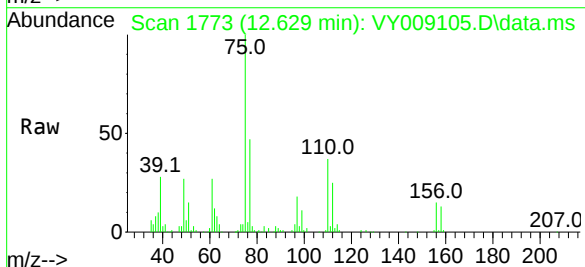
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

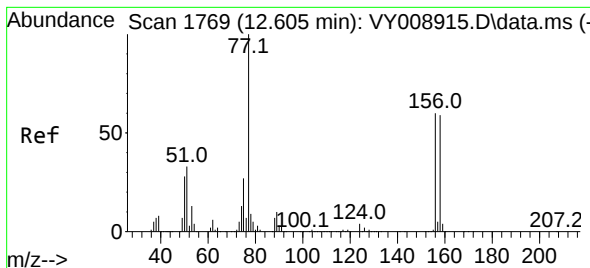
Tgt Ion: 83 Resp: 57405
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.6 16.8
 85 65.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 72.790 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.001 min
 Lab File: VY009105.D
 Acq: 25 May 2022 21:10

Tgt Ion: 75 Resp: 73322
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 37.187 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

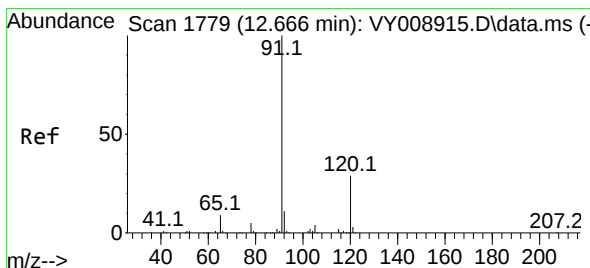
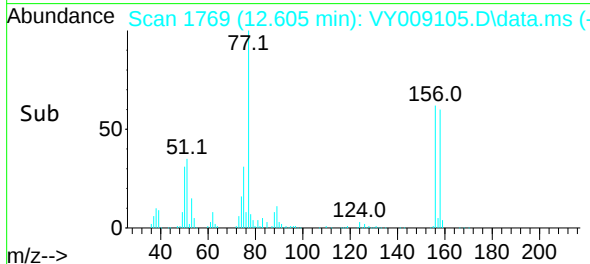
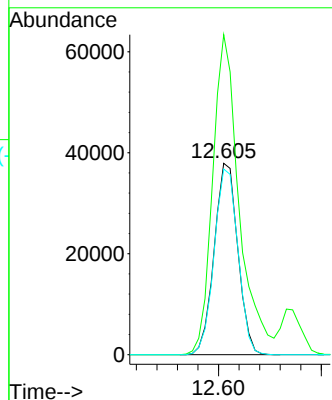
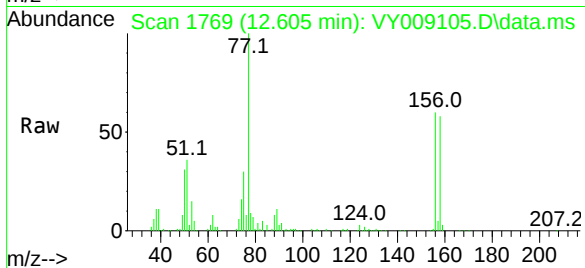
Tgt Ion:156 Resp: 60462

Ion Ratio Lower Upper

156 100

77 187.2 95.5 286.4

158 97.7 48.0 144.0



#78

n-propylbenzene

Concen: 41.850 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009105.D

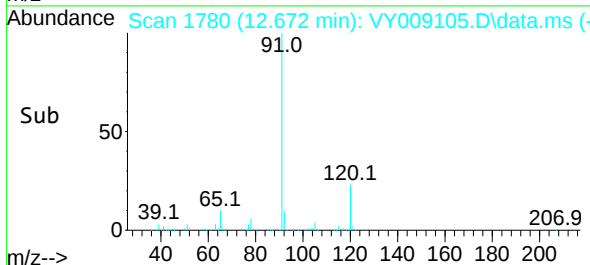
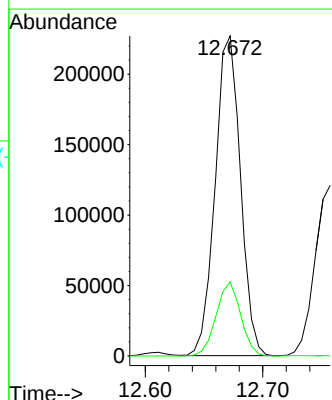
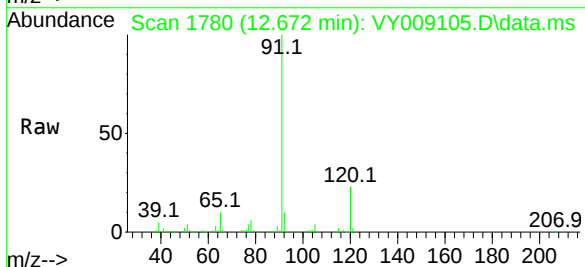
Acq: 25 May 2022 21:10

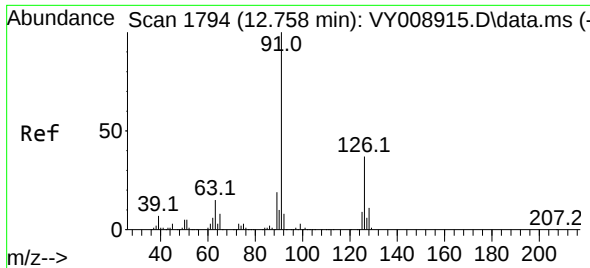
Tgt Ion: 91 Resp: 339137

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9

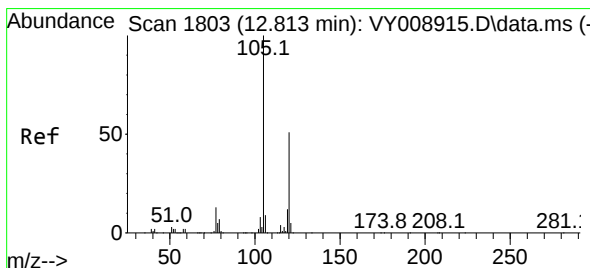
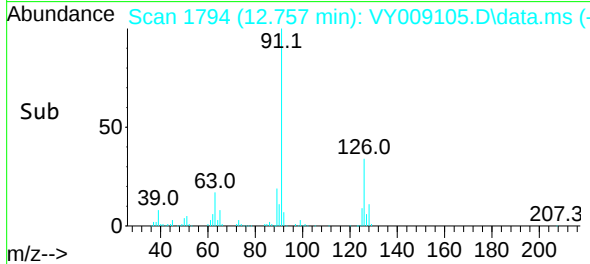
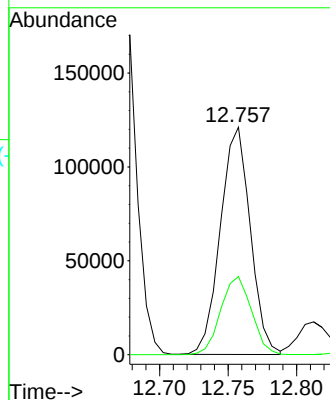
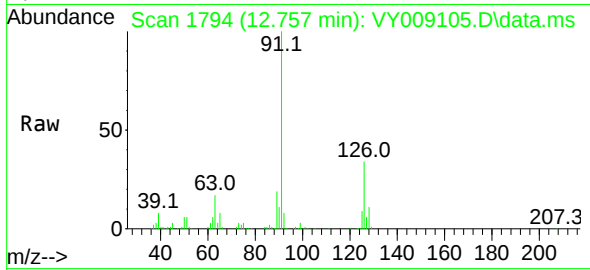




#79
2-Chlorotoluene
Concen: 39.456 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

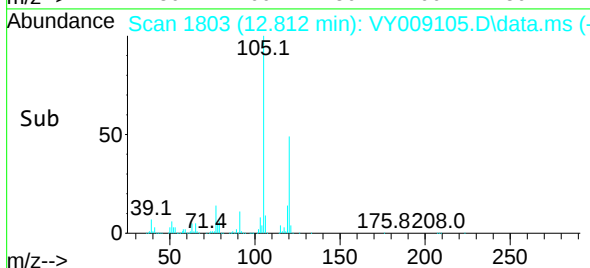
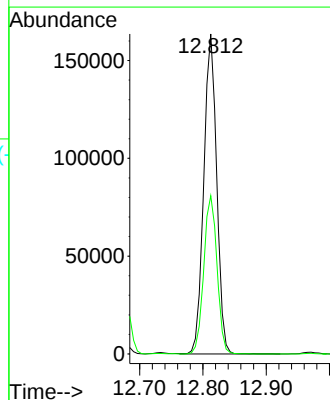
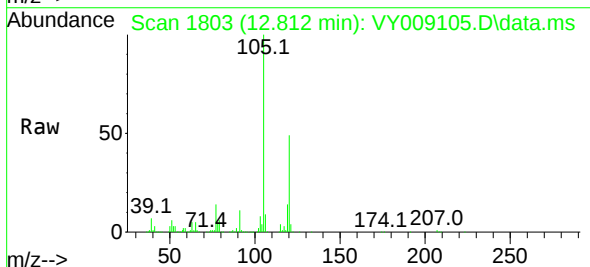
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

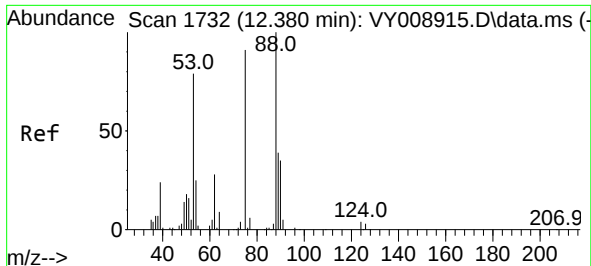
Tgt Ion: 91 Resp: 184429
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 39.653 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 105 Resp: 233119
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.4

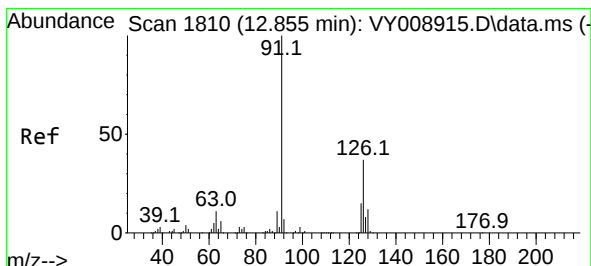
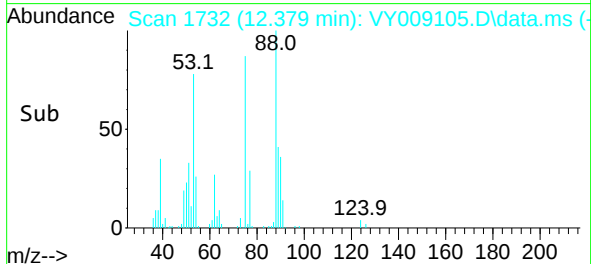
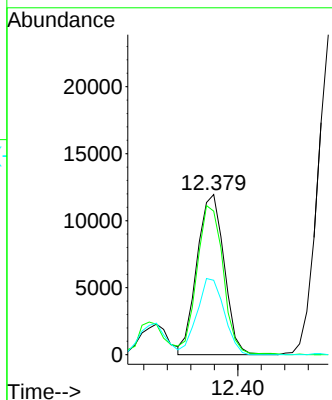
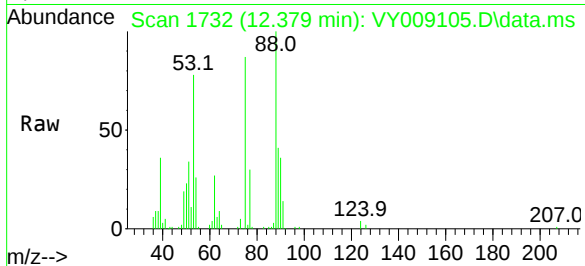




#81
trans-1,4-Dichloro-2-butene
Concen: 39.189 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

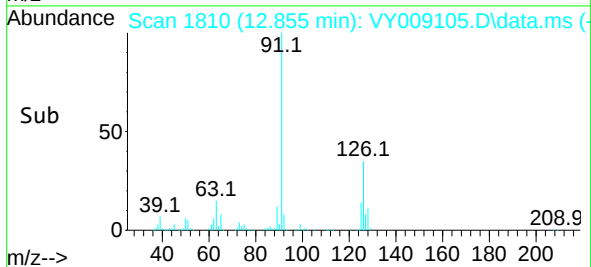
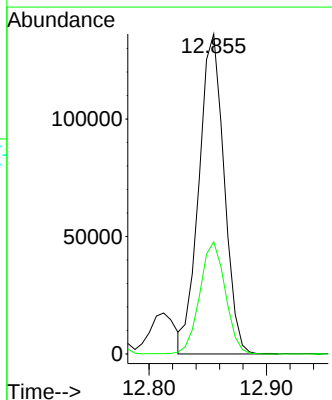
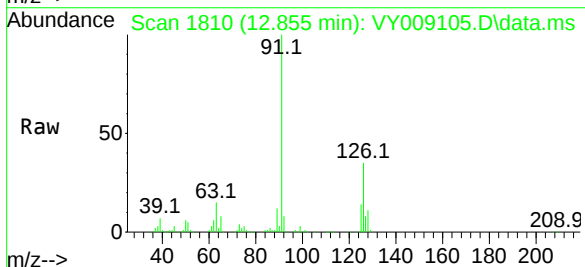
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

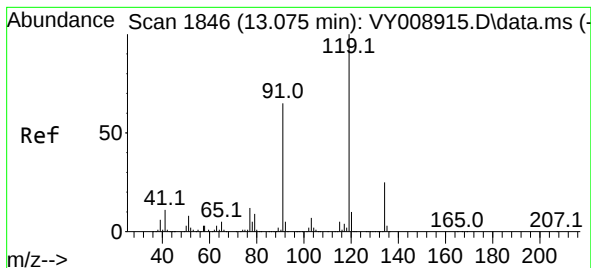
Tgt Ion: 75 Resp: 19233
Ion Ratio Lower Upper
75 100
53 89.7 85.3 127.9
89 47.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 40.476 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion: 91 Resp: 202359
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0

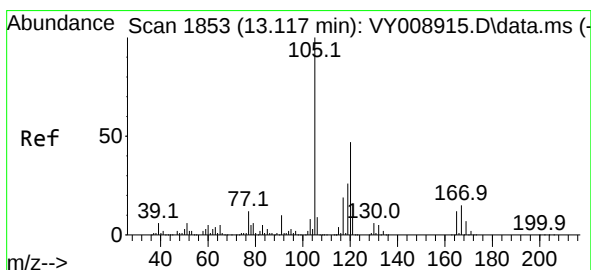
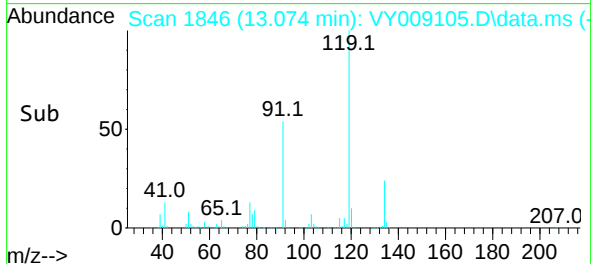
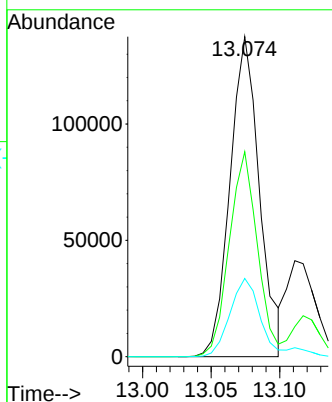
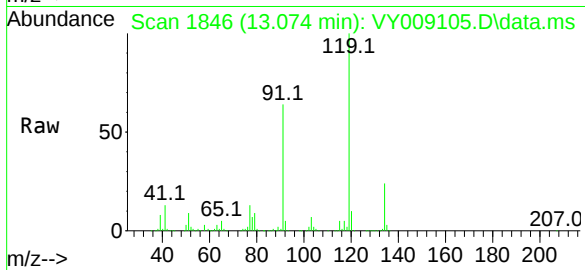




#83
tert-Butylbenzene
Concen: 39.494 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

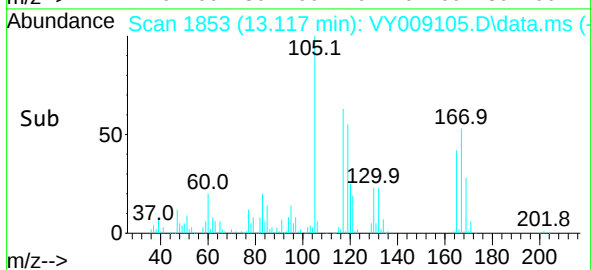
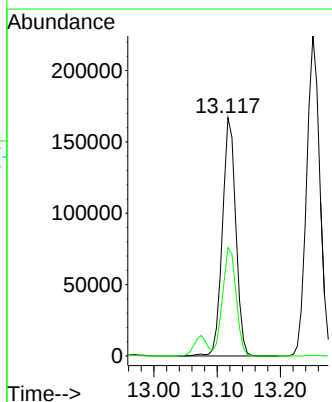
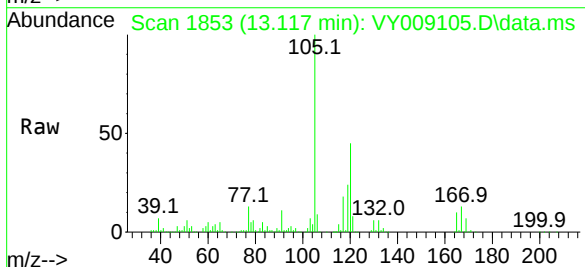
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

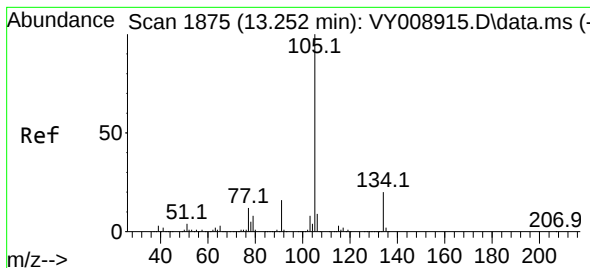
Tgt Ion:119 Resp: 205986
Ion Ratio Lower Upper
119 100
91 61.1 34.8 104.4
134 24.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 41.843 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion:105 Resp: 244199
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 40.575 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

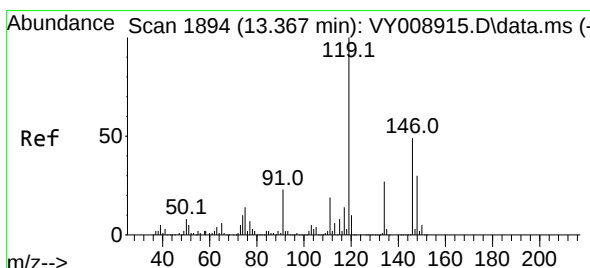
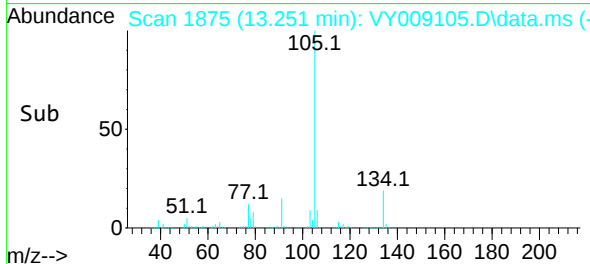
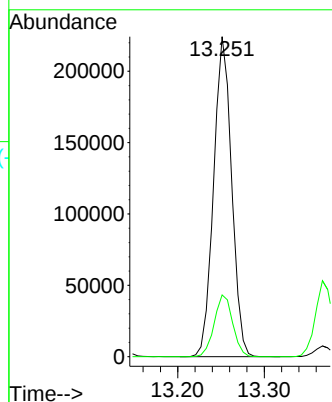
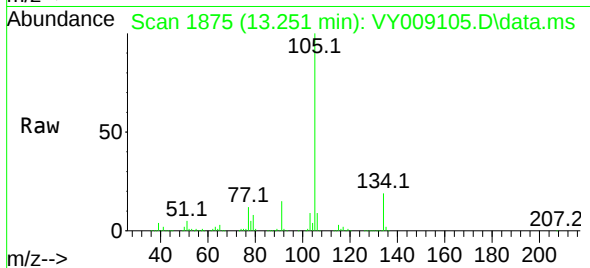
VSTDCCC050EC

Tgt Ion:105 Resp: 323789

Ion Ratio Lower Upper

105 100

134 19.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 40.905 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

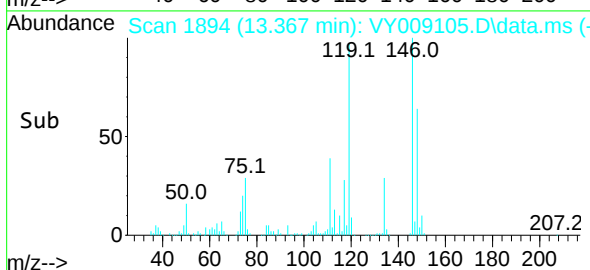
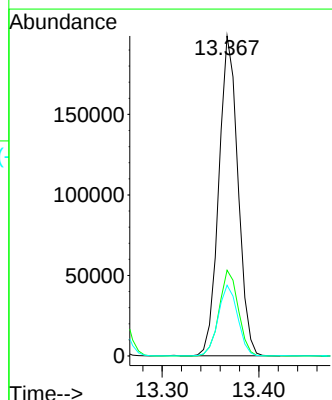
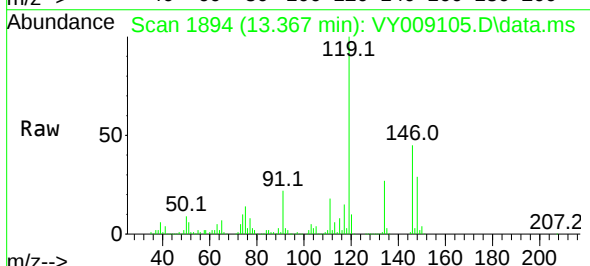
Tgt Ion:119 Resp: 272204

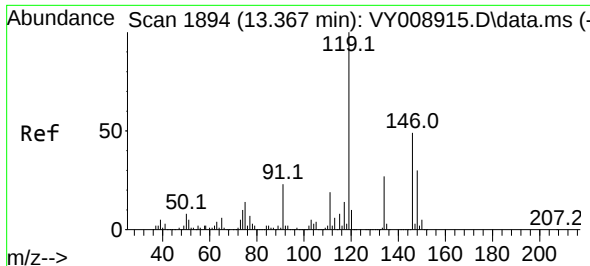
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 22.5 12.4 37.2

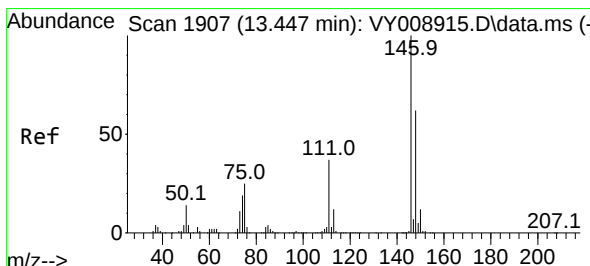
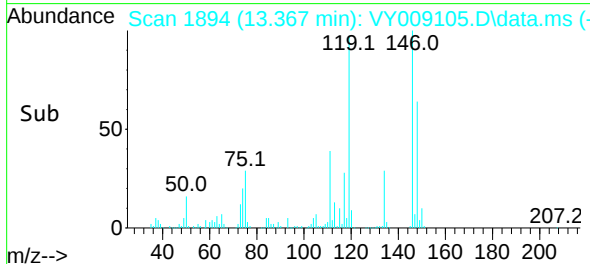
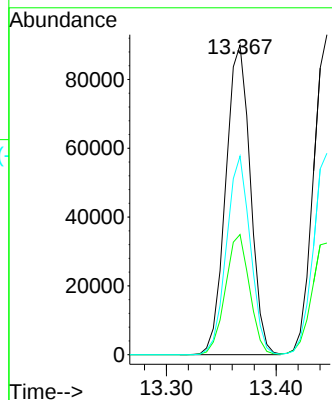
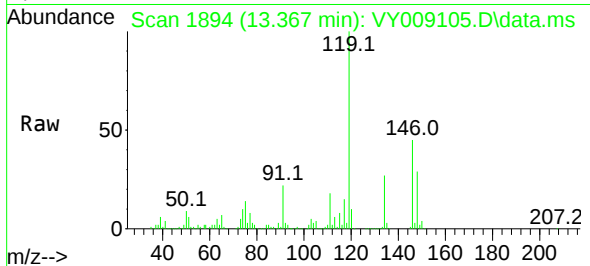




#87
1,3-Dichlorobenzene
Concen: 40.429 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

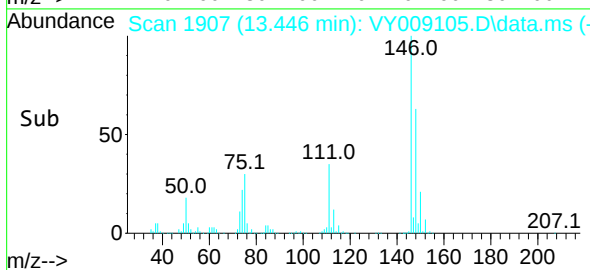
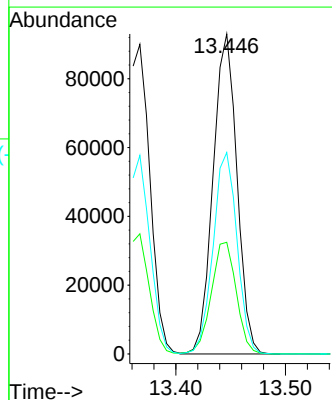
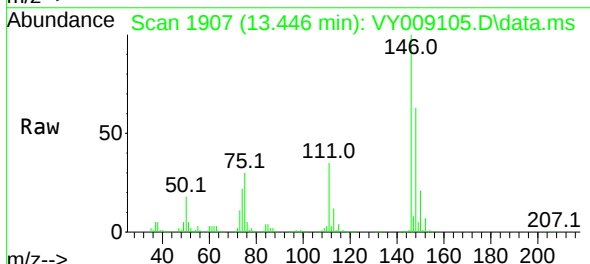
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

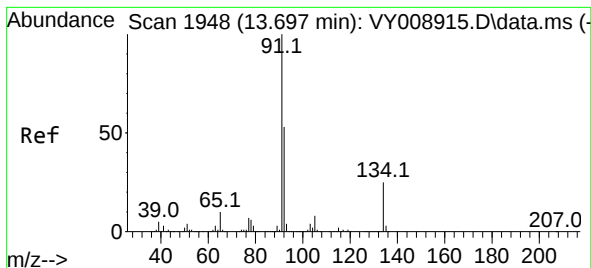
Tgt Ion:146 Resp: 140219
Ion Ratio Lower Upper
146 100
111 38.3 19.5 58.5
148 62.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 40.433 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion:146 Resp: 140887
Ion Ratio Lower Upper
146 100
111 36.5 19.3 57.8
148 63.4 32.6 97.8





#89

n-Butylbenzene

Concen: 41.010 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

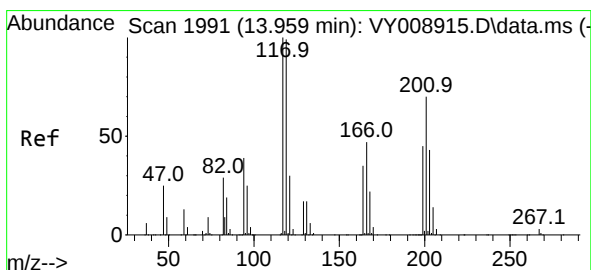
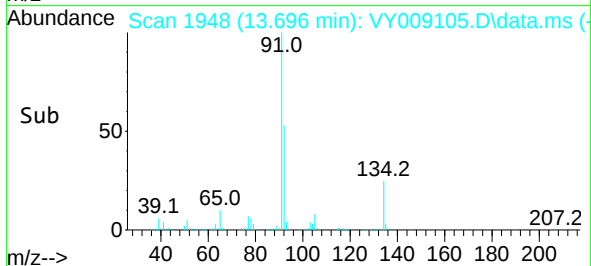
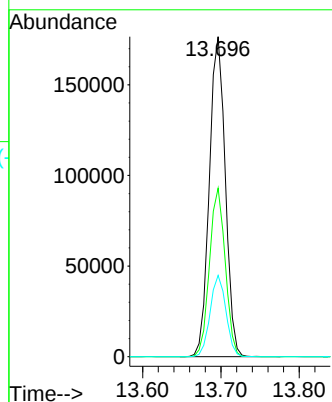
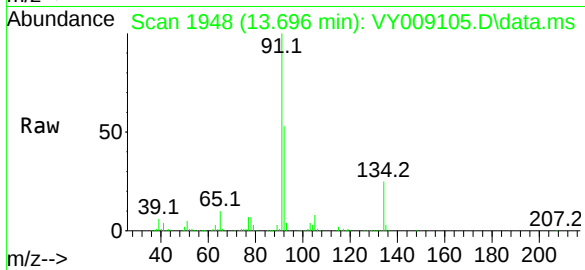
Tgt Ion: 91 Resp: 249665

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.9

134 25.2 13.0 38.9



#90

Hexachloroethane

Concen: 40.257 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY009105.D

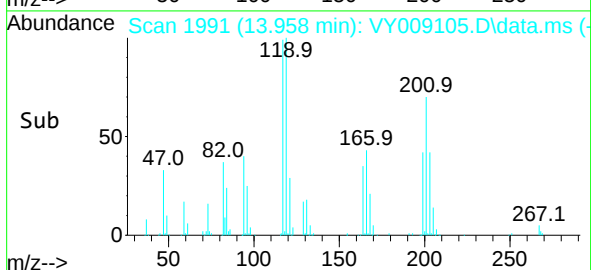
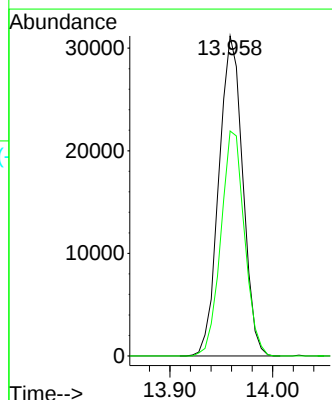
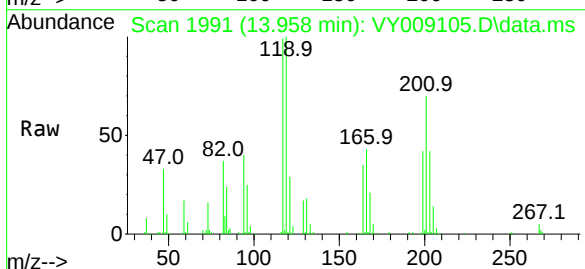
Acq: 25 May 2022 21:10

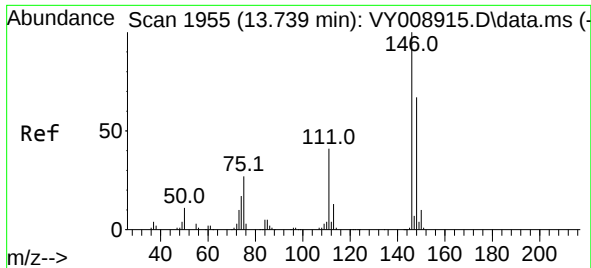
Tgt Ion: 117 Resp: 50203

Ion Ratio Lower Upper

117 100

201 69.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 41.037 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

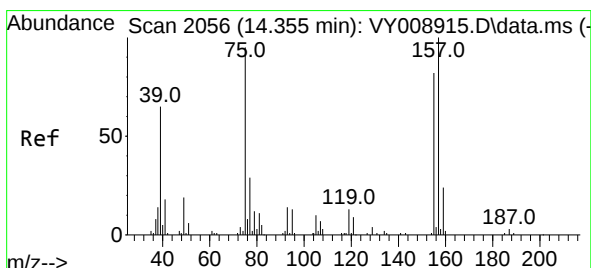
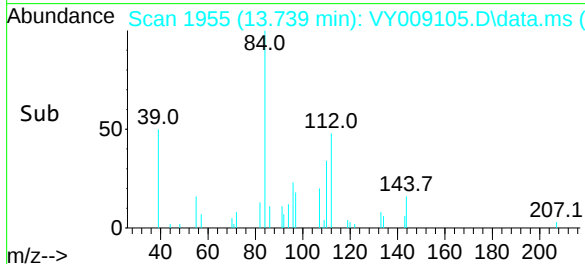
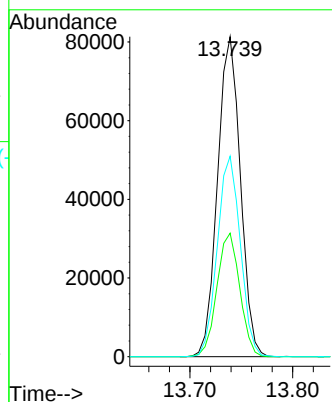
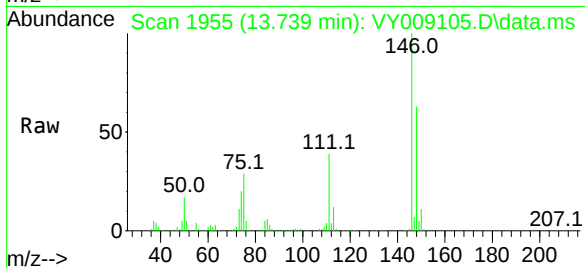
Tgt Ion:146 Resp: 125638

Ion Ratio Lower Upper

146 100

111 38.6 20.3 60.9

148 63.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.792 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

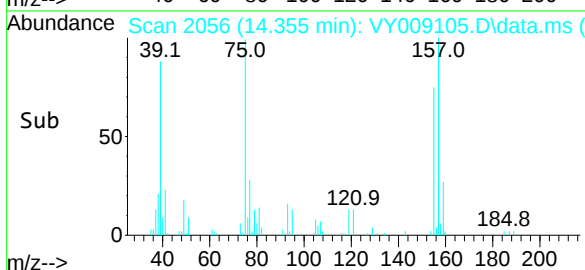
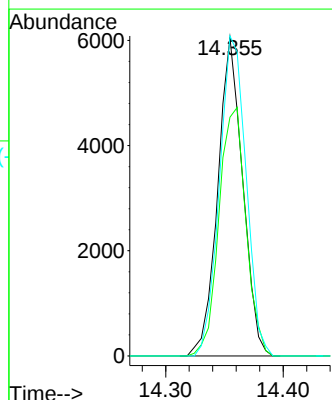
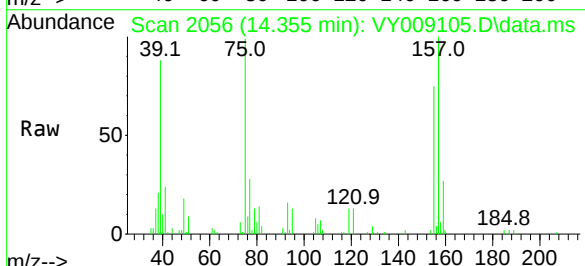
Tgt Ion: 75 Resp: 8926

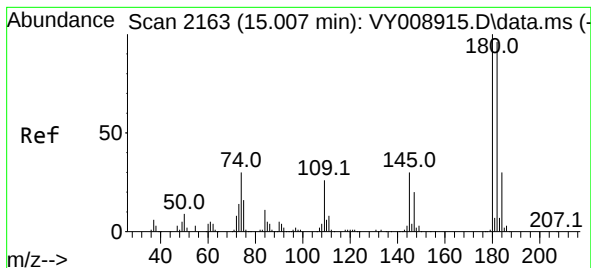
Ion Ratio Lower Upper

75 100

155 84.1 38.0 113.9

157 107.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 36.339 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

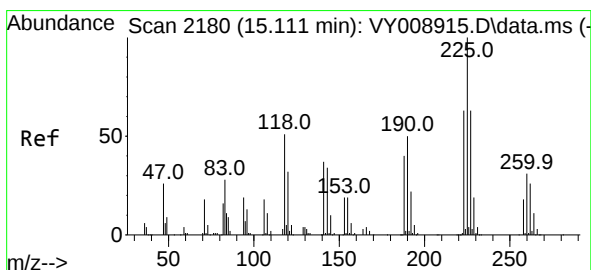
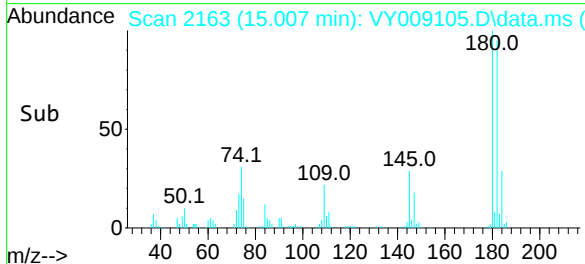
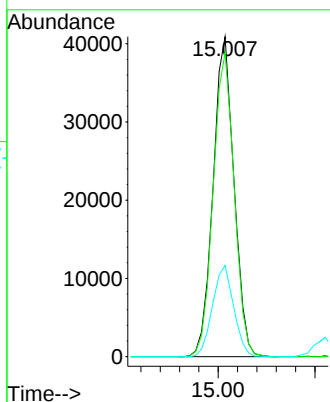
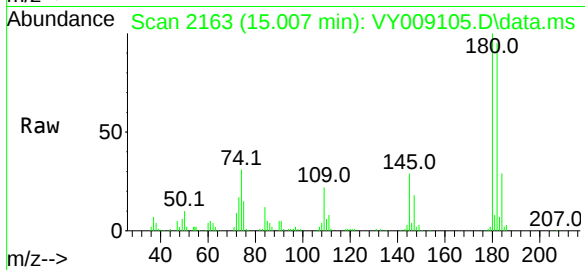
Tgt Ion:180 Resp: 61059

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 35.656 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009105.D

Acq: 25 May 2022 21:10

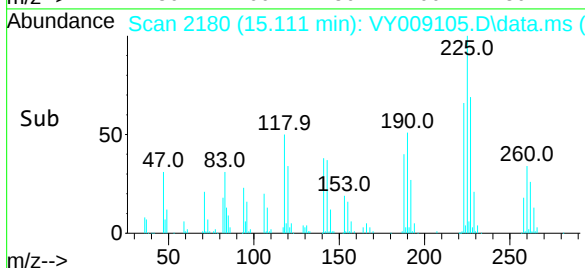
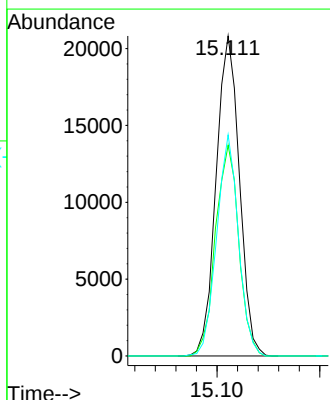
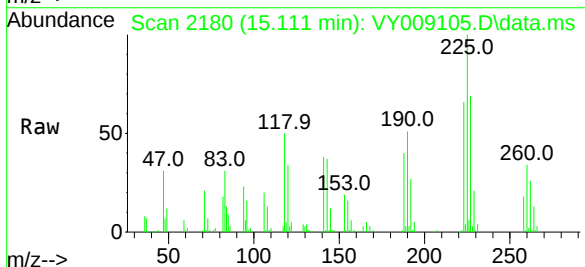
Tgt Ion:225 Resp: 32653

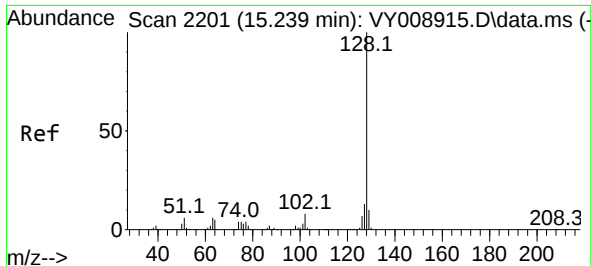
Ion Ratio Lower Upper

225 100

223 65.6 30.8 92.3

227 64.6 31.6 94.7

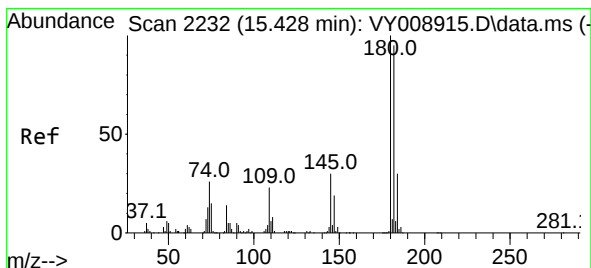
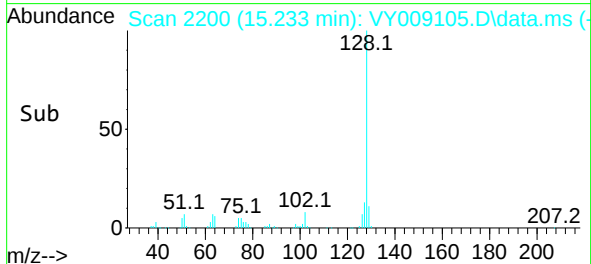
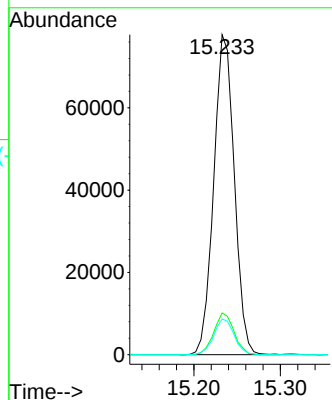
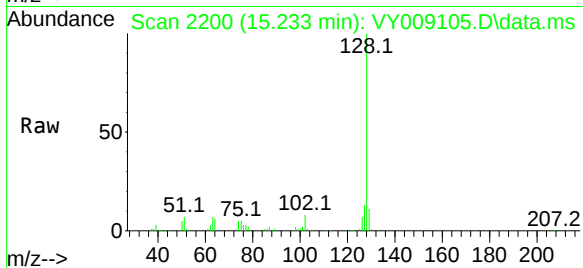




#95
Naphthalene
Concen: 38.024 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 128347
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 37.358 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY009105.D
Acq: 25 May 2022 21:10

Tgt Ion:180 Resp: 54547
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.9
145 29.9 15.3 45.9

