

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007402.D
 Acq On : 07 Feb 2022 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 08 00:34:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74503	46.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.040%
35) Dibromofluoromethane	7.728	113	65295	43.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.860%
50) Toluene-d8	10.185	98	229019	41.232	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.460%
62) 4-Bromofluorobenzene	12.483	95	81924	43.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	79754	48.396	ug/l	96
3) Chloromethane	2.119	50	89997	49.870	ug/l	96
4) Vinyl Chloride	2.259	62	94541	48.650	ug/l	99
5) Bromomethane	2.662	94	58661	49.836	ug/l	97
6) Chloroethane	2.802	64	57524	48.199	ug/l	98
7) Trichlorofluoromethane	3.137	101	153517	48.749	ug/l	92
8) Diethyl Ether	3.540	74	45570	48.751	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	85535	48.228	ug/l	93
10) Methyl Iodide	4.101	142	96049	50.236	ug/l	95
11) Tert butyl alcohol	4.954	59	38917	199.546	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	79074	48.267	ug/l	88
13) Acrolein	3.735	56	45051	207.137	ug/l	97
14) Allyl chloride	4.491	41	127002	50.472	ug/l #	95
15) Acrylonitrile	5.174	53	111140	253.068	ug/l	99
16) Acetone	3.954	43	142756	271.493	ug/l	93
17) Carbon Disulfide	4.204	76	244429	47.525	ug/l	100
18) Methyl Acetate	4.485	43	49441	50.201	ug/l	92
19) Methyl tert-butyl Ether	5.228	73	230156	49.865	ug/l	97
20) Methylene Chloride	4.722	84	85566	50.220	ug/l	86
21) trans-1,2-Dichloroethene	5.235	96	86155	47.537	ug/l	92
22) Diisopropyl ether	6.125	45	261653	49.627	ug/l	96
23) Vinyl Acetate	6.070	43	866636	252.036	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	155346	48.785	ug/l	98
25) 2-Butanone	6.990	43	168714	265.570	ug/l	91
26) 2,2-Dichloropropane	6.990	77	148691	48.800	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	94791	47.351	ug/l	93
28) Bromochloromethane	7.344	49	58995	47.382	ug/l	91
29) Tetrahydrofuran	7.356	42	94923	258.572	ug/l	90
30) Chloroform	7.515	83	160628	48.492	ug/l	98
31) Cyclohexane	7.795	56	146680	46.430	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	150153	48.772	ug/l	96
36) 1,1-Dichloropropene	7.923	75	127836	48.637	ug/l	99
37) Ethyl Acetate	7.082	43	66411	50.823	ug/l	97
38) Carbon Tetrachloride	7.905	117	134429	48.682	ug/l	99
39) Methylcyclohexane	9.191	83	159667	48.372	ug/l	93
40) Benzene	8.167	78	337841	48.492	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	88803	136.758	ug/l #	1
42) 1,2-Dichloroethane	8.246	62	105107	49.629	ug/l	96
43) Isopropyl Acetate	8.277	43	126387	51.719	ug/l #	93
44) Trichloroethene	8.947	130	91793	48.729	ug/l	94
45) 1,2-Dichloropropane	9.222	63	83782	48.770	ug/l	93
46) Dibromomethane	9.313	93	49014	47.955	ug/l	92
47) Bromodichloromethane	9.502	83	122950	49.746	ug/l	100
48) Methyl methacrylate	9.295	41	56544	51.164	ug/l	89
49) 1,4-Dioxane	9.307	88	11364	1015.035	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	321376	259.306	ug/l	92
52) Toluene	10.252	92	211156	48.104	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	130376	50.494	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	143373	49.575	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	65984	49.156	ug/l	99
56) Ethyl methacrylate	10.514	69	96406	51.708	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	116450	48.929	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	244125	251.714	ug/l	97
59) 2-Hexanone	10.837	43	239574	265.147	ug/l	90
60) Dibromochloromethane	10.990	129	82883	49.597	ug/l	100
61) 1,2-Dibromoethane	11.093	107	66311	49.931	ug/l	99
64) Tetrachloroethene	10.727	164	77997	48.294	ug/l	95
65) Chlorobenzene	11.520	112	221509	48.385	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	82651	48.362	ug/l	97
67) Ethyl Benzene	11.599	91	418279	48.148	ug/l	100
68) m/p-Xylenes	11.709	106	308438	95.860	ug/l	99
69) o-Xylene	12.032	106	145644	47.876	ug/l	100
70) Styrene	12.050	104	244009	48.658	ug/l	99
71) Bromoform	12.215	173	47162	50.017	ug/l #	98
73) Isopropylbenzene	12.337	105	398608	48.713	ug/l	98
74) N-amyl acetate	12.148	43	105951	52.310	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	74097	49.586	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	101528	95.386	ug/l #	100
77) Bromobenzene	12.611	156	82567	47.903	ug/l	95
78) n-propylbenzene	12.678	91	488737	49.312	ug/l	99
79) 2-Chlorotoluene	12.764	91	268951	49.012	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	326940	48.978	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	27975	52.655	ug/l	87
82) 4-Chlorotoluene	12.861	91	273897	48.597	ug/l	98
83) tert-Butylbenzene	13.081	119	285214	49.080	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	319473	48.608	ug/l	99
85) sec-Butylbenzene	13.258	105	425817	48.853	ug/l	98
86) p-Isopropyltoluene	13.373	119	347048	48.877	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	161879	48.439	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	159277	47.812	ug/l	97
89) n-Butylbenzene	13.703	91	335397	49.077	ug/l	99
90) Hexachloroethane	13.965	117	65808	49.042	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	140021	47.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11763	48.440	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	83460	47.910	ug/l	98
94) Hexachlorobutadiene	15.117	225	46315	48.028	ug/l	99
95) Naphthalene	15.239	128	181282	50.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	70481	47.931	ug/l	98

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ClientSampleId :
VSTDCCC050

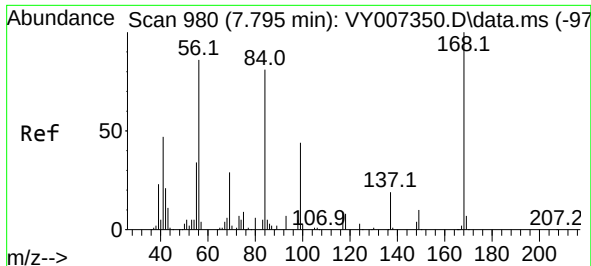
Quant Time: Feb 08 00:34:34 2022
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Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

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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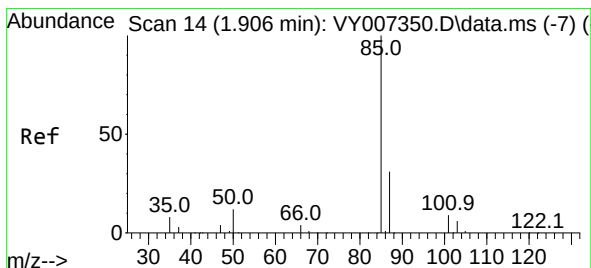
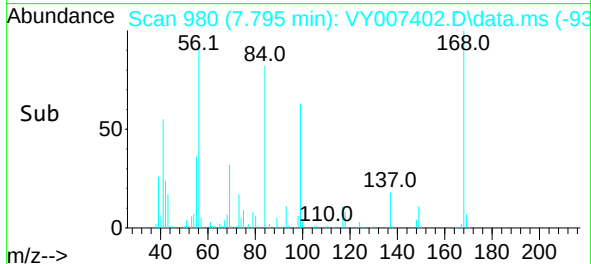
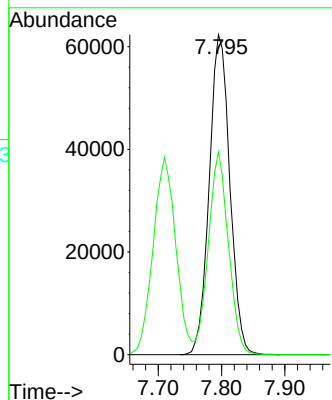
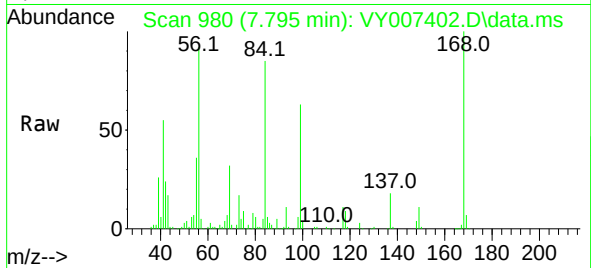




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007402.D
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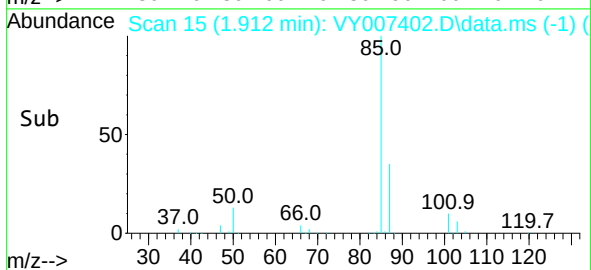
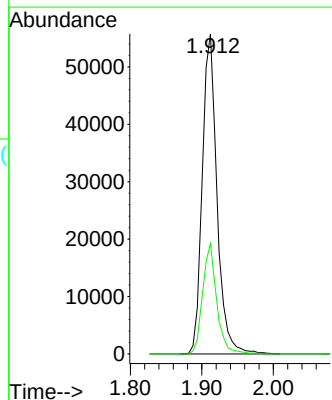
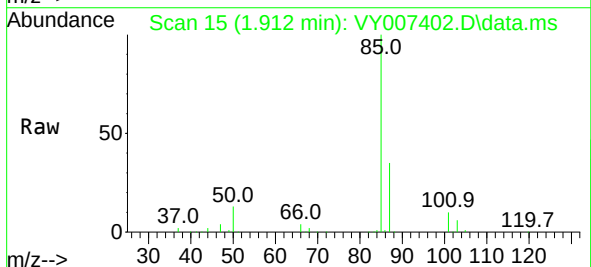
Instrument :
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VSTDCCC050

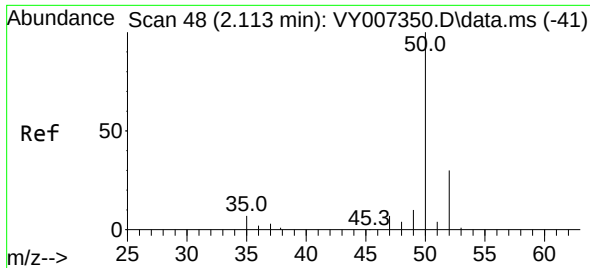
Tgt Ion:168 Resp: 140755
Ion Ratio Lower Upper
168 100
99 63.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 48.396 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 85 Resp: 79754
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2

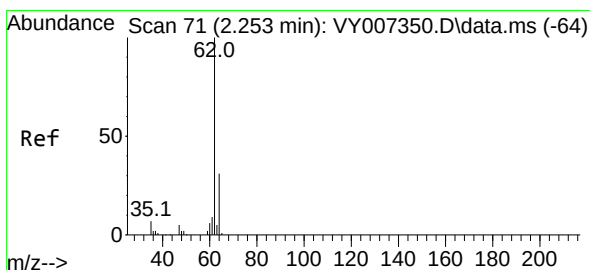
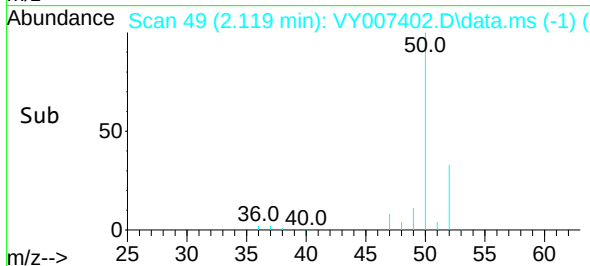
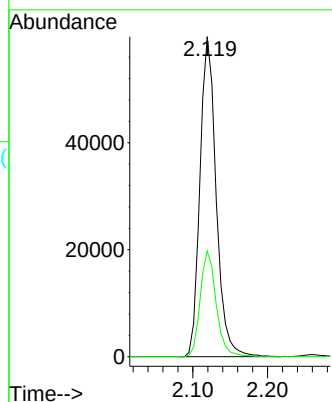
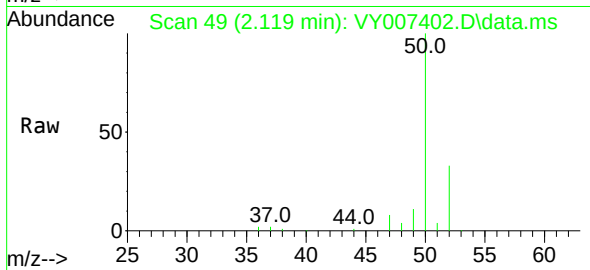




#3
Chloromethane
Concen: 49.870 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

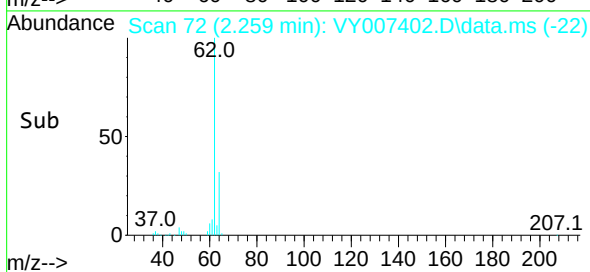
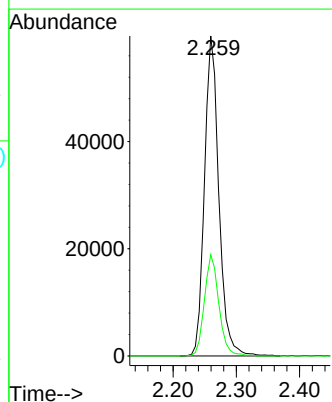
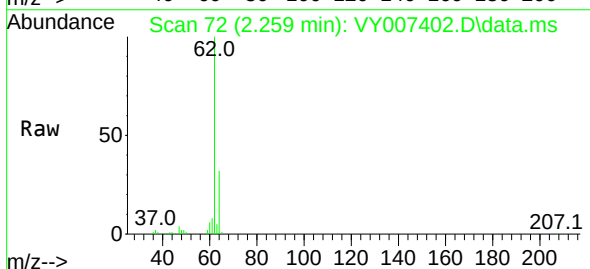
Instrument :
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ClientSampleId :
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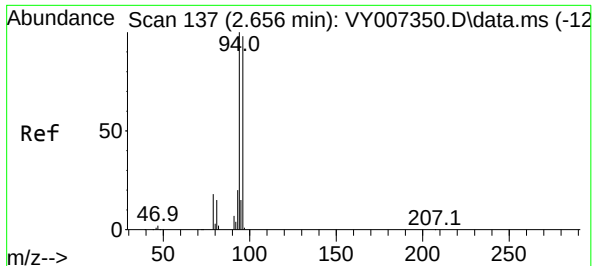
Tgt Ion: 50 Resp: 89997
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 48.650 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 62 Resp: 94541
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6

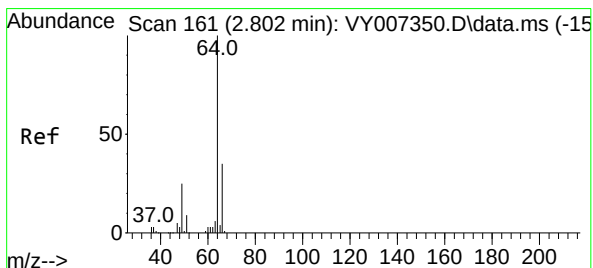
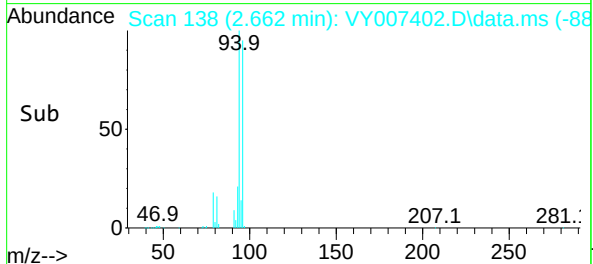
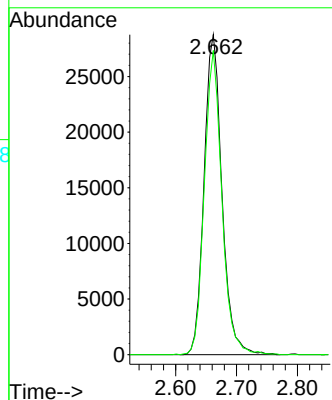
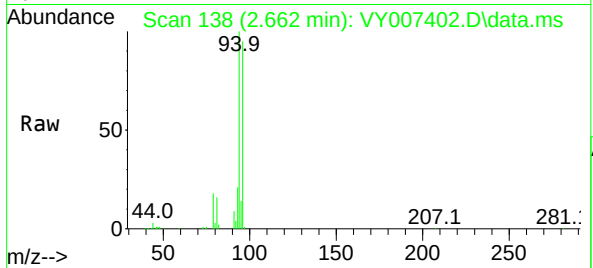




#5
Bromomethane
Concen: 49.836 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

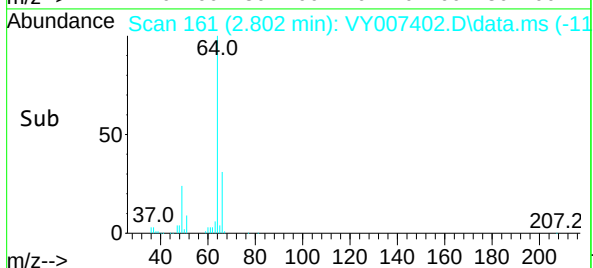
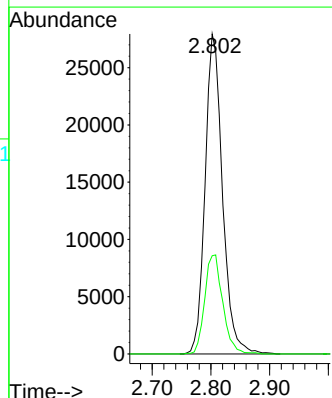
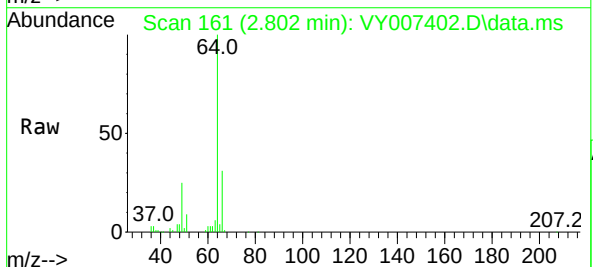
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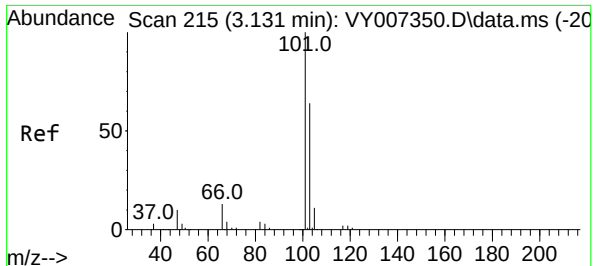
Tgt Ion: 94 Resp: 58661
Ion Ratio Lower Upper
94 100
96 95.0 73.5 110.3



#6
Chloroethane
Concen: 48.199 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 64 Resp: 57524
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.0

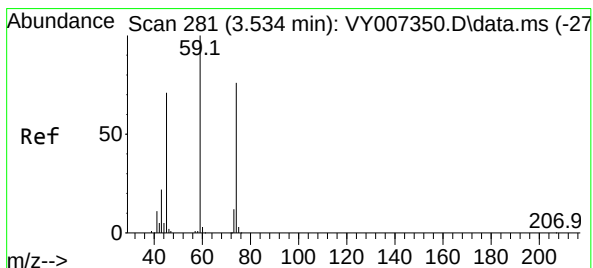
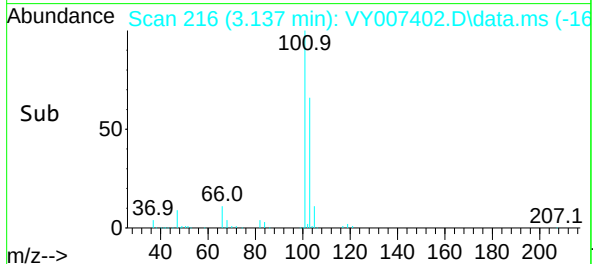
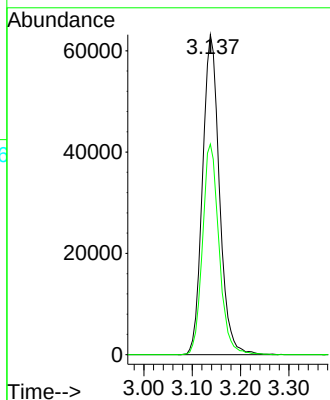
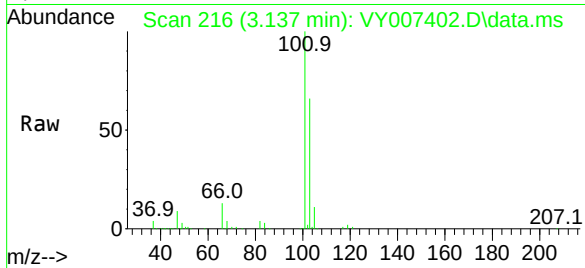




#7
 Trichlorofluoromethane
 Concen: 48.749 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY007402.D
 Acq: 07 Feb 2022 09:54

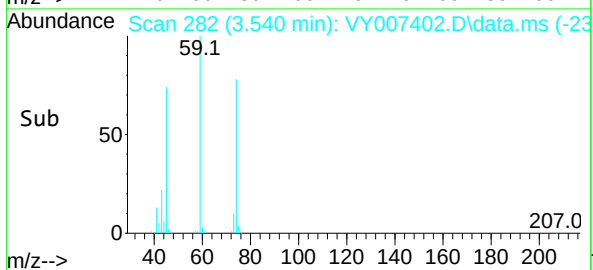
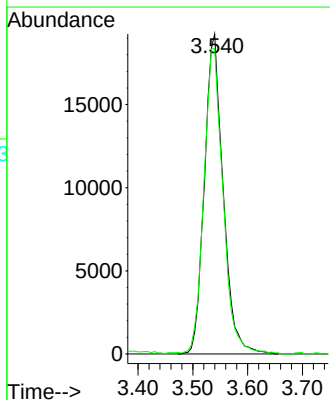
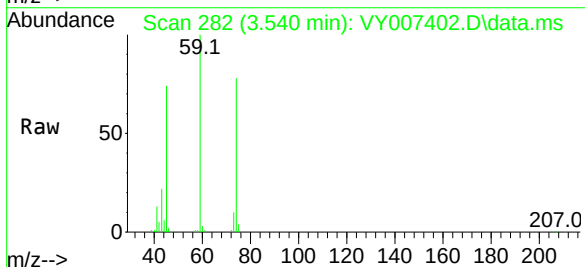
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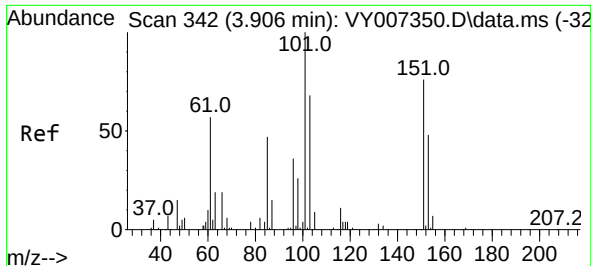
Tgt Ion:101 Resp: 153517
 Ion Ratio Lower Upper
 101 100
 103 65.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 48.751 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY007402.D
 Acq: 07 Feb 2022 09:54

Tgt Ion: 74 Resp: 45570
 Ion Ratio Lower Upper
 74 100
 45 98.1 55.1 165.5

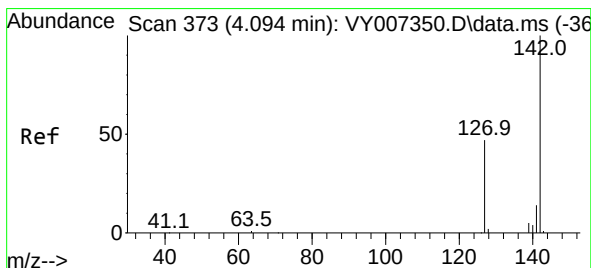
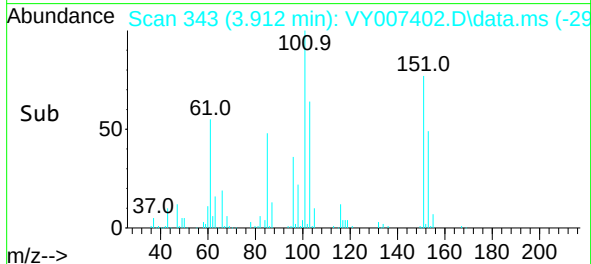
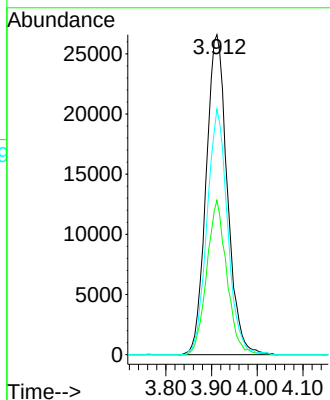
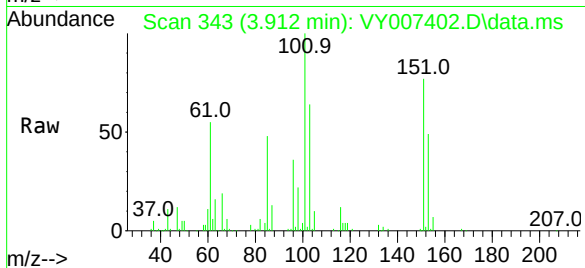




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.228 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY007402.D
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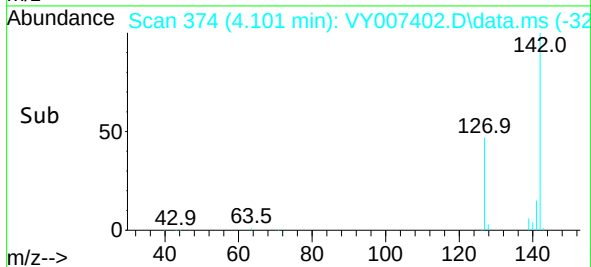
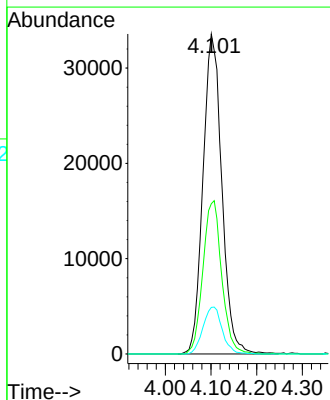
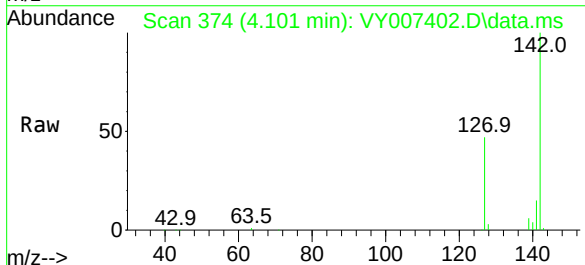
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

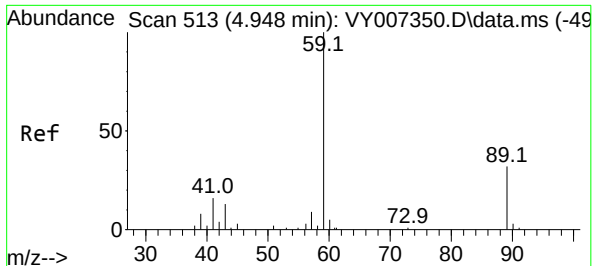
Tgt Ion:101 Resp: 85535
Ion Ratio Lower Upper
101 100
85 45.8 40.6 60.8
151 74.7 64.9 97.3



#10
Methyl Iodide
Concen: 50.236 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion:142 Resp: 96049
Ion Ratio Lower Upper
142 100
127 47.9 41.5 62.3
141 15.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 199.546 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

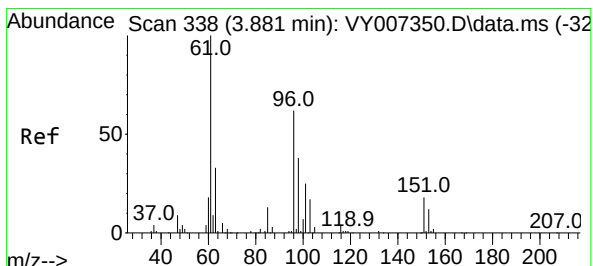
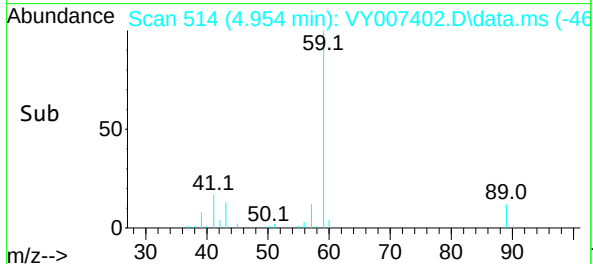
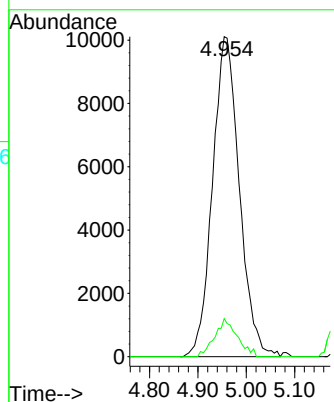
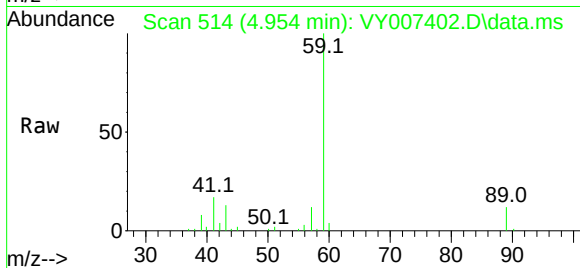
VSTDCCC050

Tgt Ion: 59 Resp: 38917

Ion Ratio Lower Upper

59 100

57 10.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 48.267 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

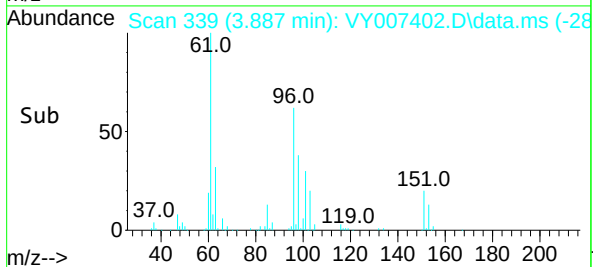
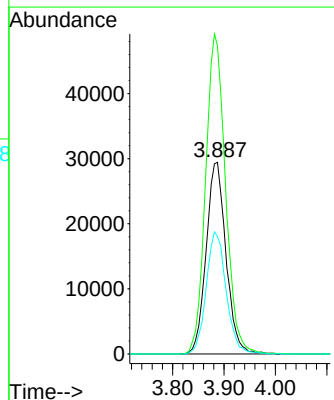
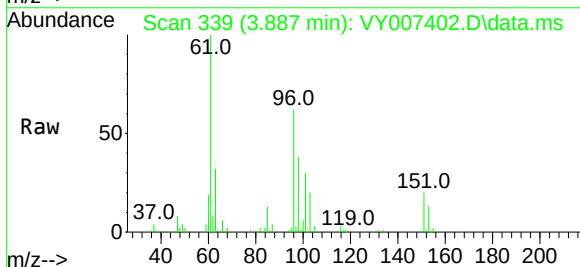
Tgt Ion: 96 Resp: 79074

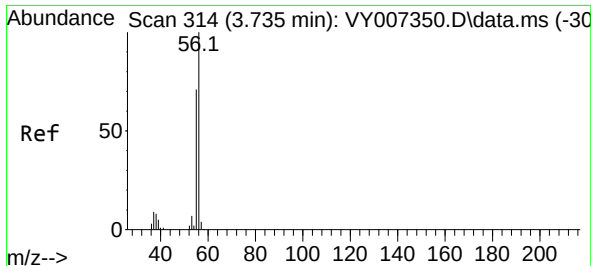
Ion Ratio Lower Upper

96 100

61 160.7 145.8 218.6

98 61.3 52.5 78.7





#13

Acrolein

Concen: 207.137 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

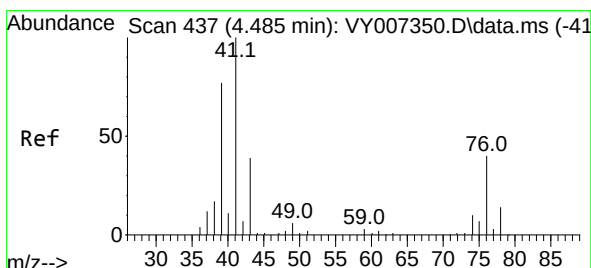
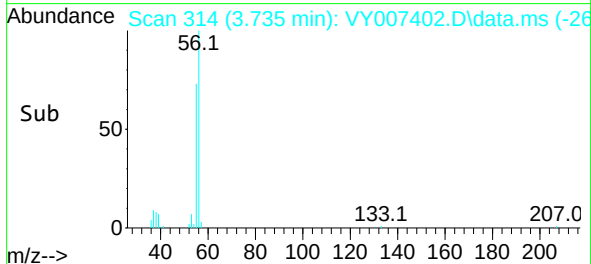
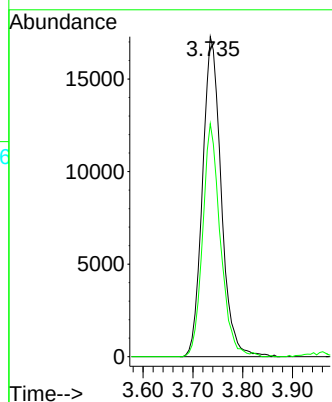
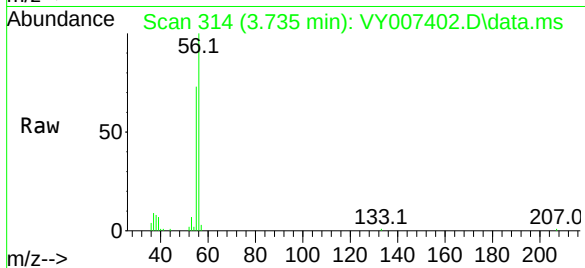
VSTDCCC050

Tgt Ion: 56 Resp: 45051

Ion Ratio Lower Upper

56 100

55 69.1 57.6 86.4



#14

Allyl chloride

Concen: 50.472 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

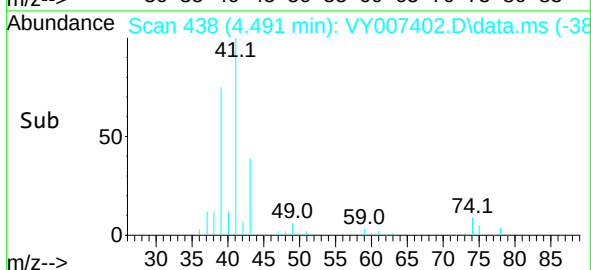
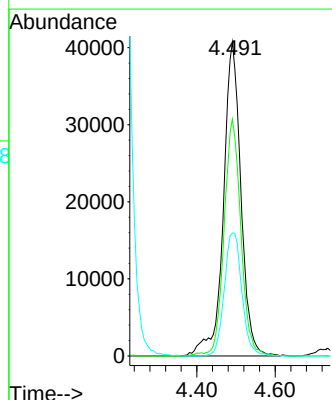
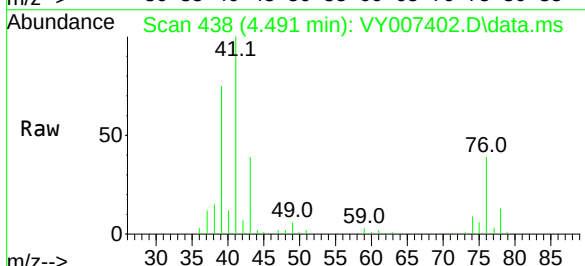
Tgt Ion: 41 Resp: 127002

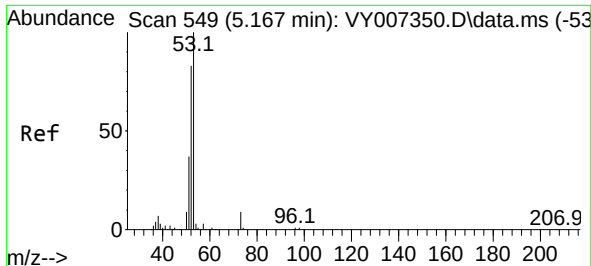
Ion Ratio Lower Upper

41 100

39 72.5 58.8 88.2

76 39.3 25.1 37.7#

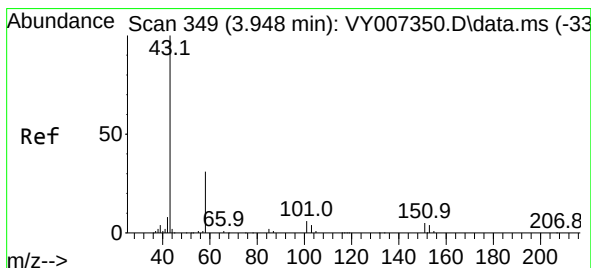
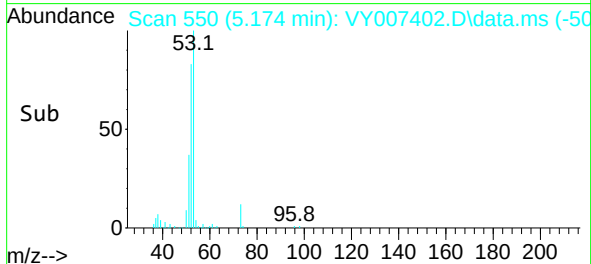
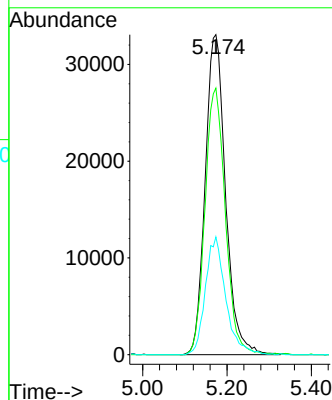
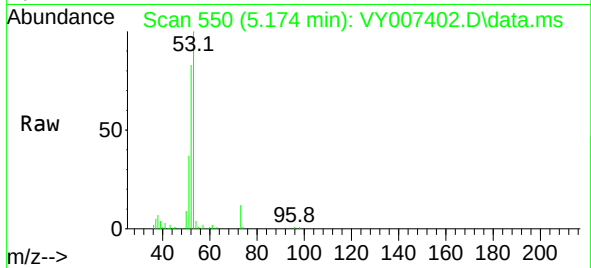




#15
Acrylonitrile
Concen: 253.068 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

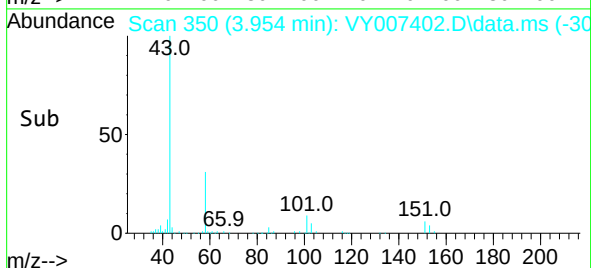
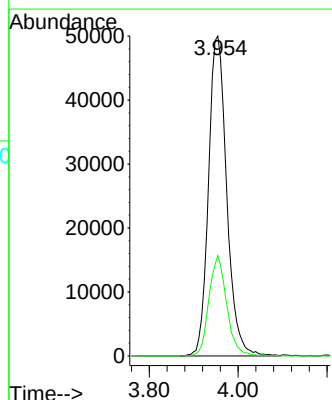
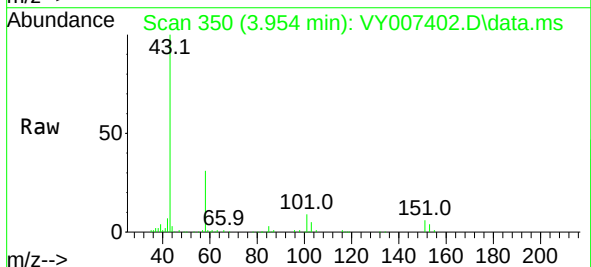
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

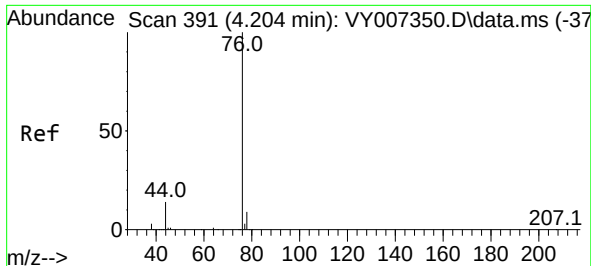
Tgt Ion: 53 Resp: 111140
Ion Ratio Lower Upper
53 100
52 83.3 67.0 100.4
51 36.8 29.8 44.6



#16
Acetone
Concen: 271.493 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 43 Resp: 142756
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0

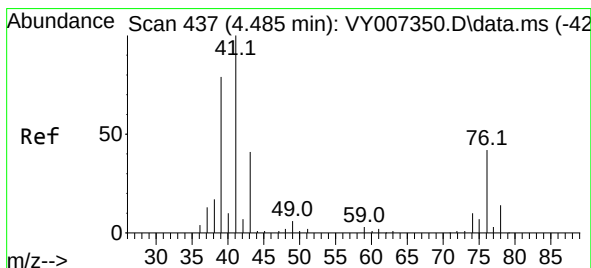
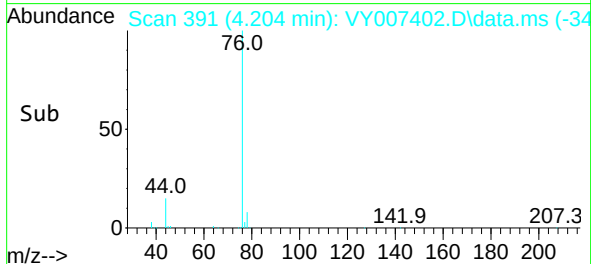
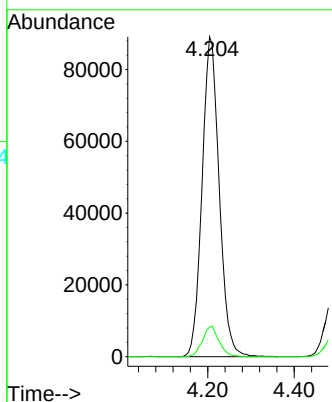
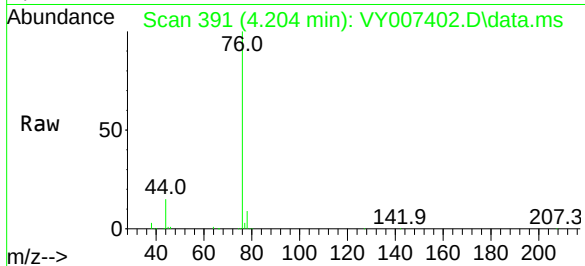




#17
Carbon Disulfide
Concen: 47.525 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

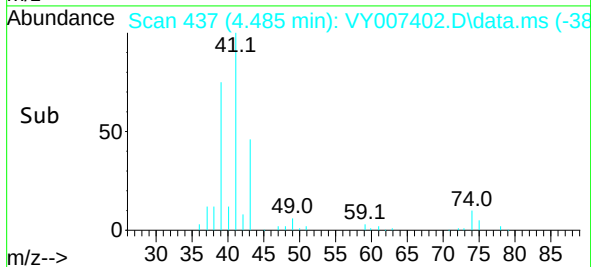
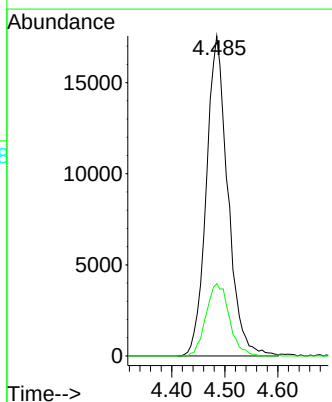
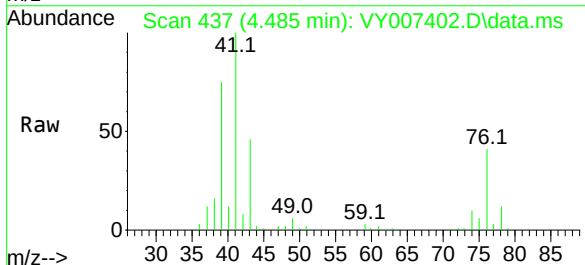
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

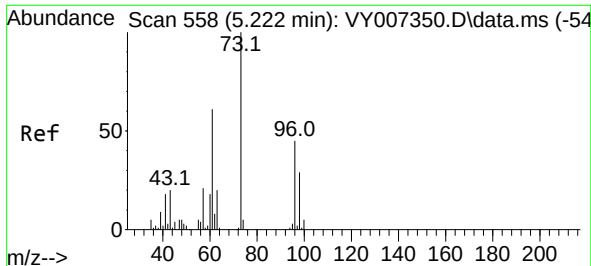
Tgt Ion: 76 Resp: 244429
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 50.201 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 43 Resp: 49441
Ion Ratio Lower Upper
43 100
74 24.4 16.6 24.8

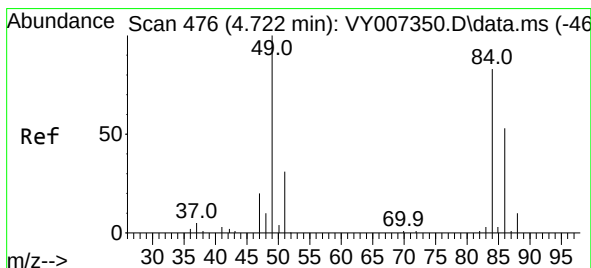
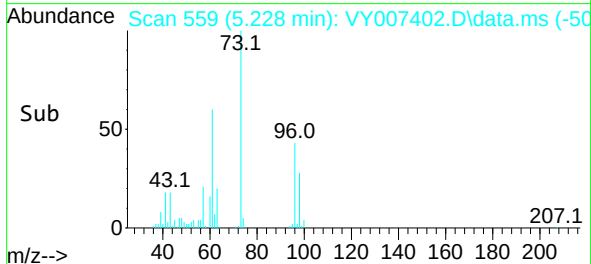
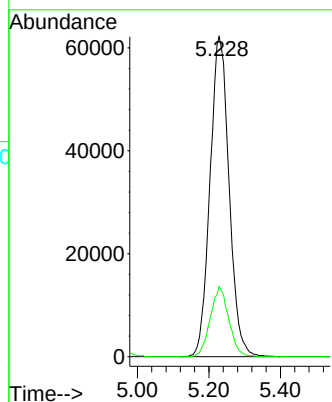
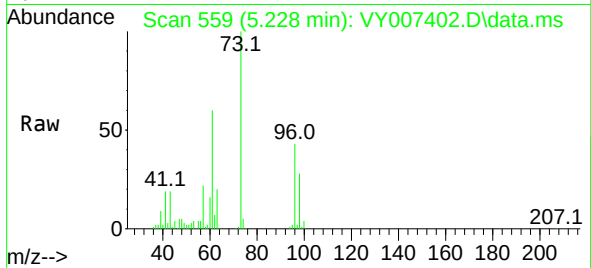




#19
Methyl tert-butyl Ether
Concen: 49.865 ug/l
RT: 5.228 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

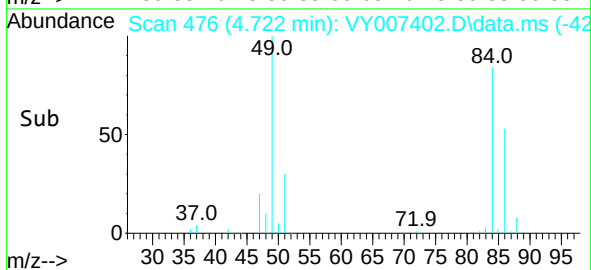
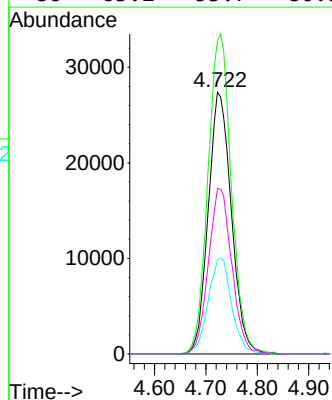
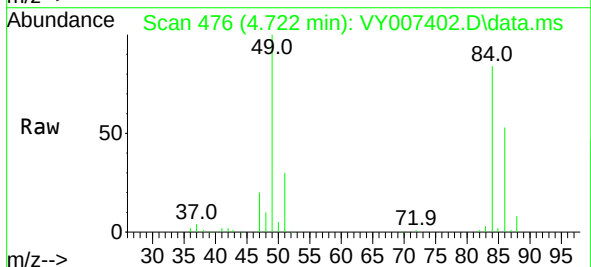
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

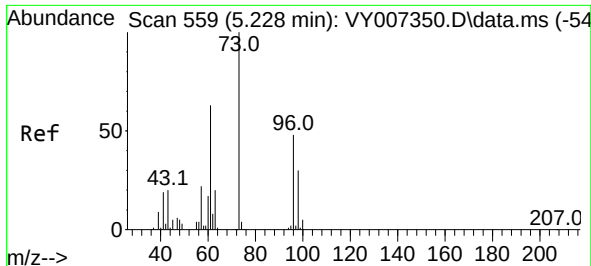
Tgt Ion: 73 Resp: 230156
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8



#20
Methylene Chloride
Concen: 50.220 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 84 Resp: 85566
Ion Ratio Lower Upper
84 100
49 119.6 114.4 171.6
51 35.9 35.3 52.9
86 63.2 53.7 80.5

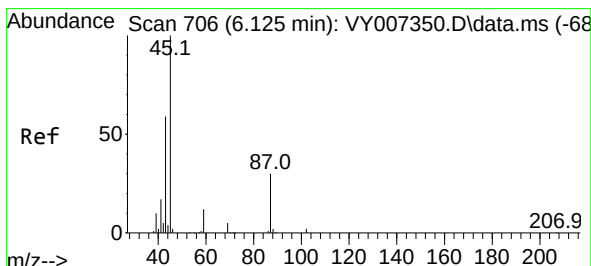
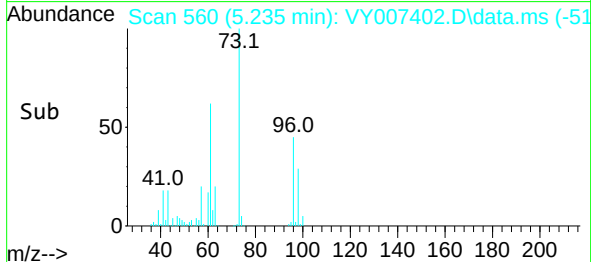
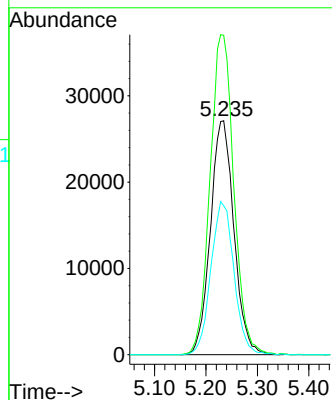
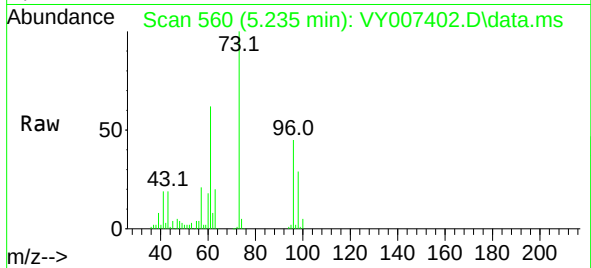




#21
trans-1,2-Dichloroethene
Concen: 47.537 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

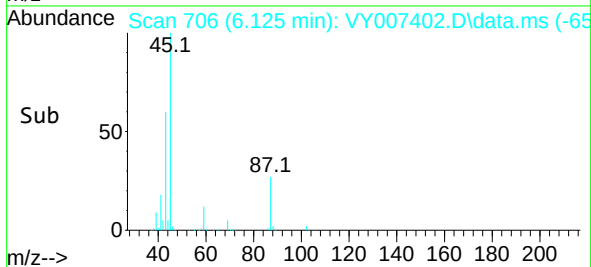
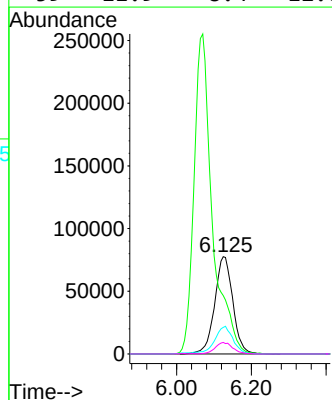
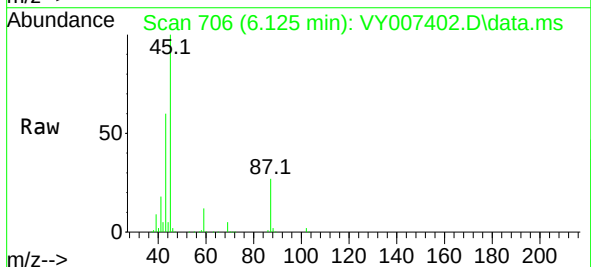
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

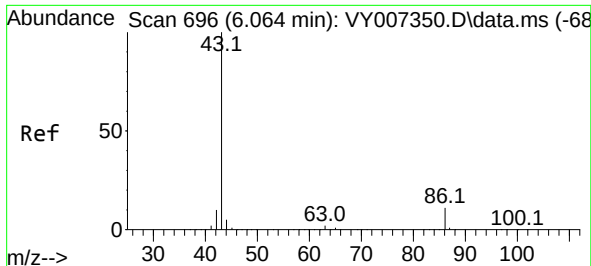
Tgt Ion: 96 Resp: 86155
Ion Ratio Lower Upper
96 100
61 136.5 120.5 180.7
98 63.7 49.8 74.8



#22
Diisopropyl ether
Concen: 49.627 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 45 Resp: 261653
Ion Ratio Lower Upper
45 100
43 59.8 49.3 73.9
87 27.3 19.2 28.8
59 11.9 8.4 12.6

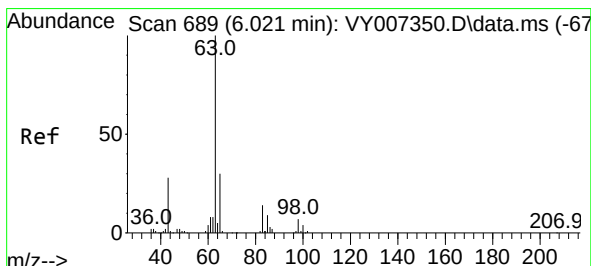
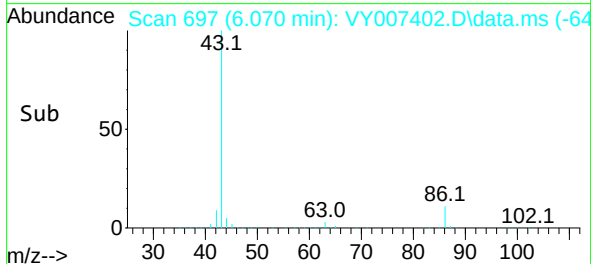
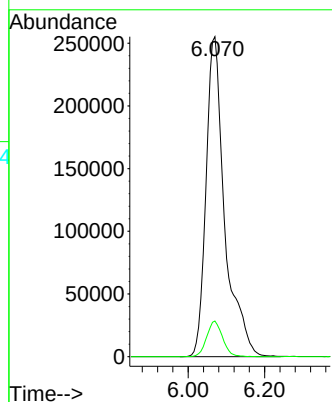
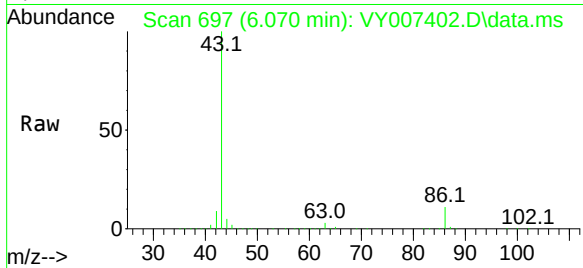




#23
 Vinyl Acetate
 Concen: 252.036 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY007402.D
 Acq: 07 Feb 2022 09:54

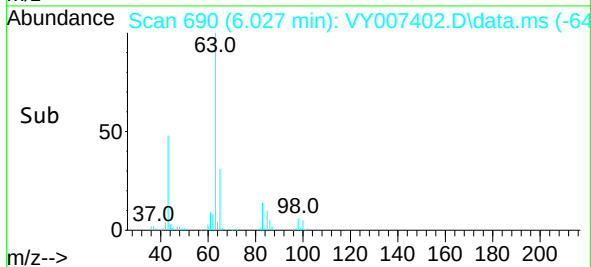
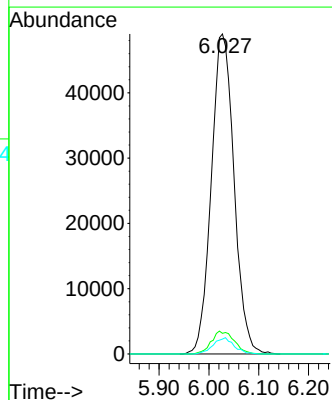
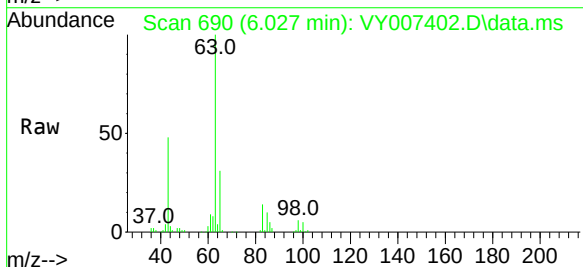
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

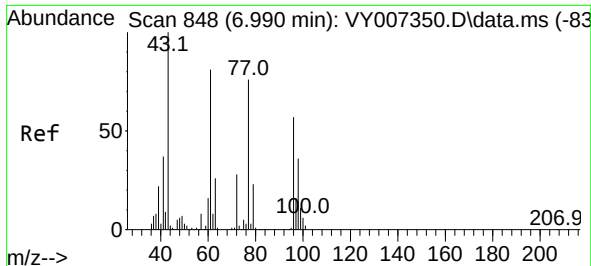
Tgt Ion: 43 Resp: 866636
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.785 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007402.D
 Acq: 07 Feb 2022 09:54

Tgt Ion: 63 Resp: 155346
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.7 2.0 5.8

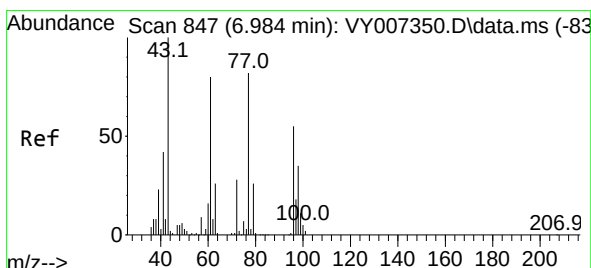
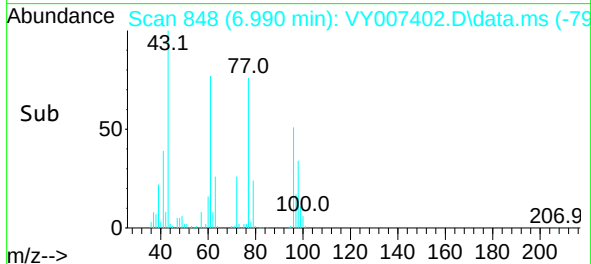
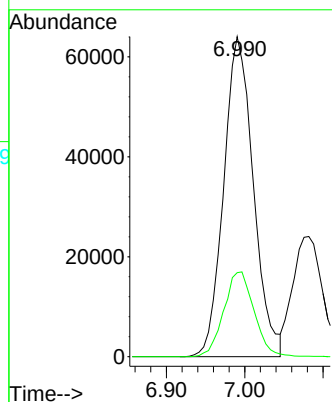
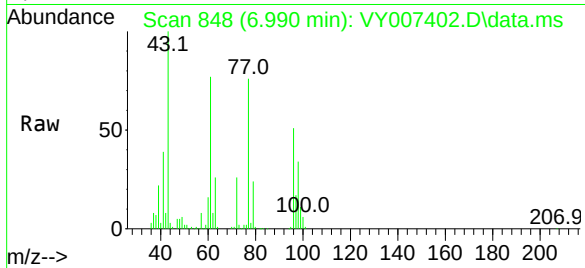




#25
2-Butanone
Concen: 265.570 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

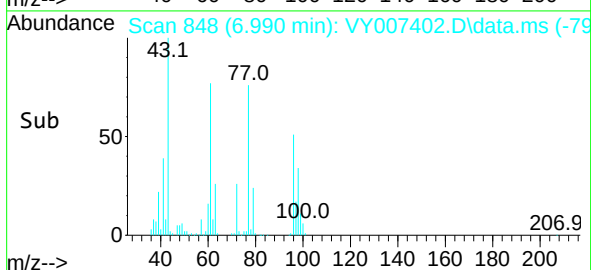
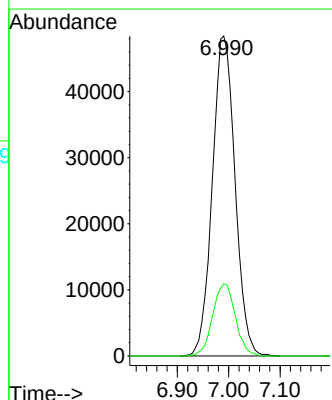
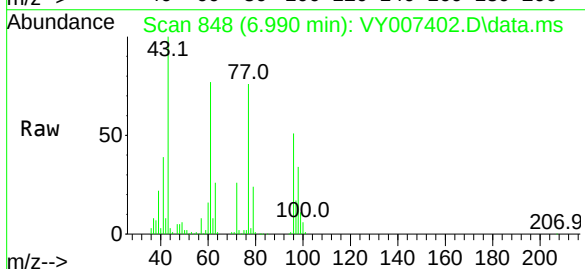
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

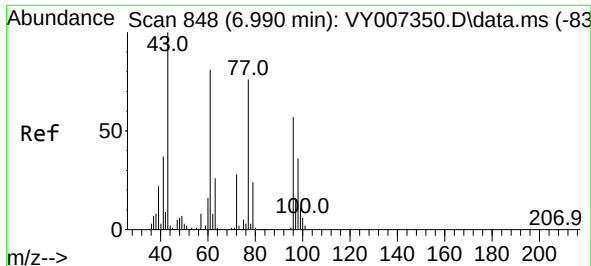
Tgt Ion: 43 Resp: 168714
Ion Ratio Lower Upper
43 100
72 26.2 17.7 26.5



#26
2,2-Dichloropropane
Concen: 48.800 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 77 Resp: 148691
Ion Ratio Lower Upper
77 100
97 22.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 47.351 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

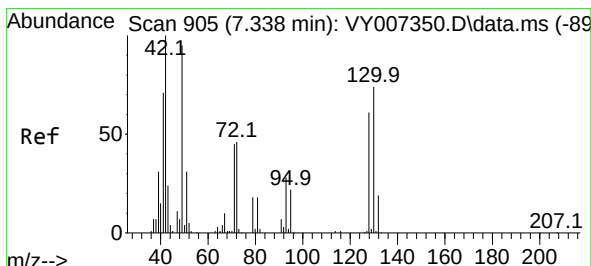
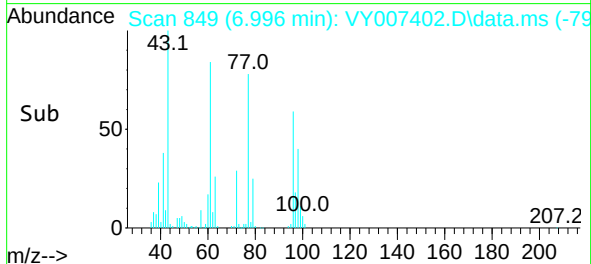
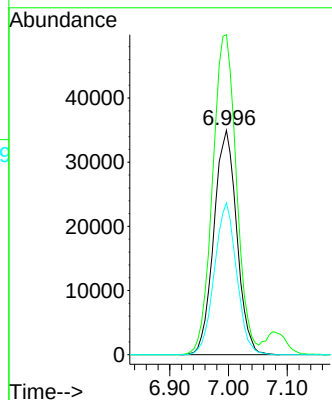
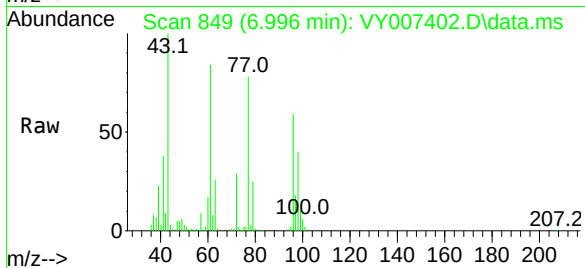
Tgt Ion: 96 Resp: 94791

Ion Ratio Lower Upper

96 100

61 148.3 0.0 319.8

98 65.7 0.0 127.0



#28

Bromochloromethane

Concen: 47.382 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

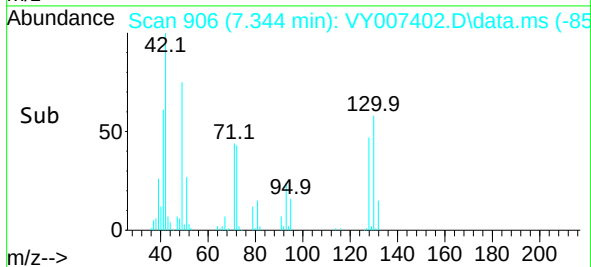
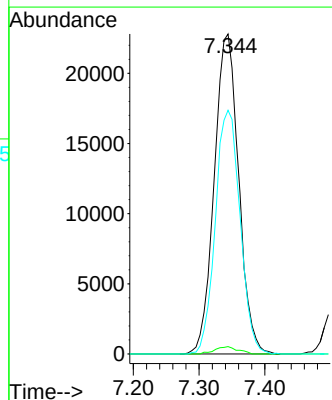
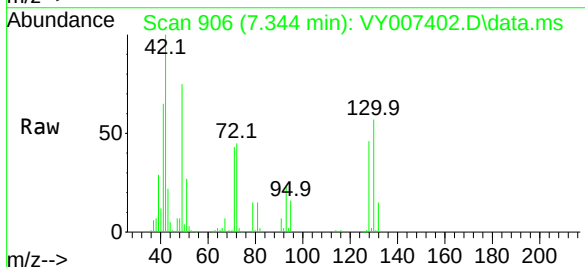
Tgt Ion: 49 Resp: 58995

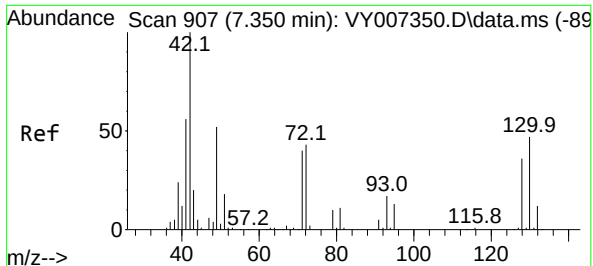
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2

130 77.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 258.572 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

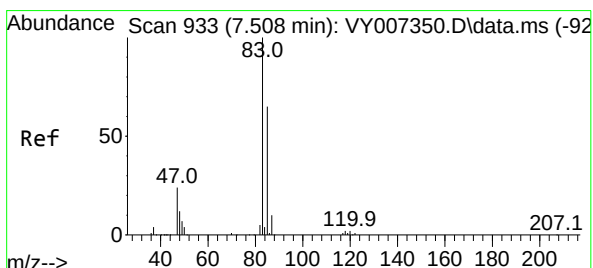
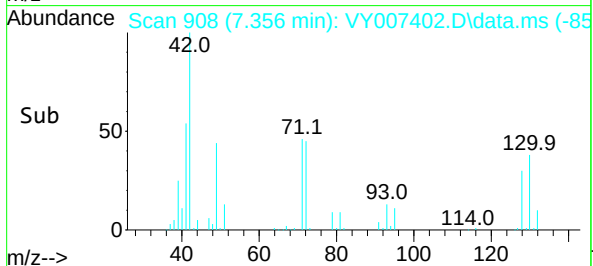
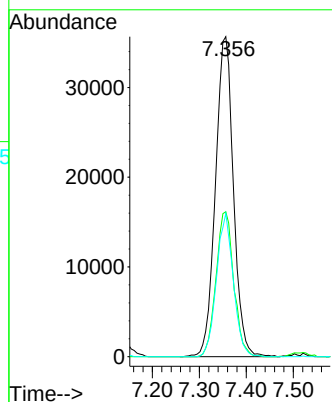
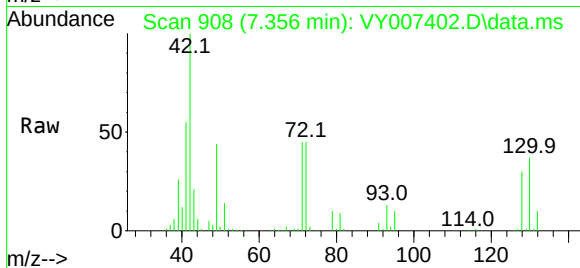
Tgt Ion: 42 Resp: 94923

Ion Ratio Lower Upper

42 100

72 44.7 30.3 45.5

71 41.9 29.0 43.4



#30

Chloroform

Concen: 48.492 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY007402.D

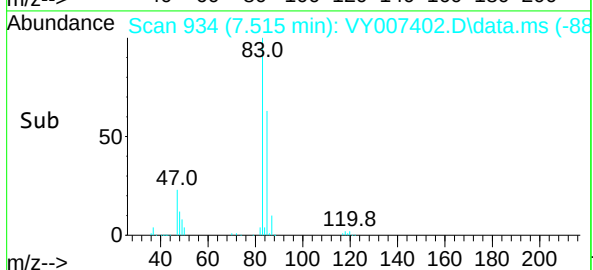
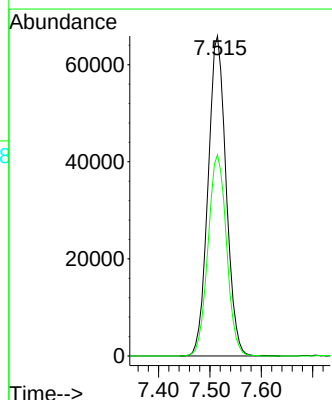
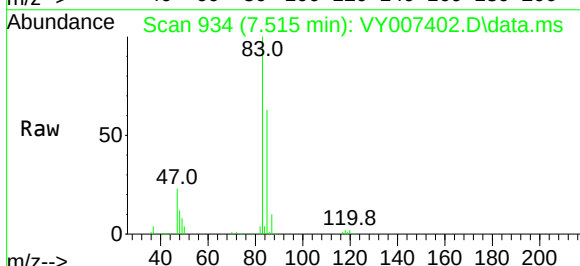
Acq: 07 Feb 2022 09:54

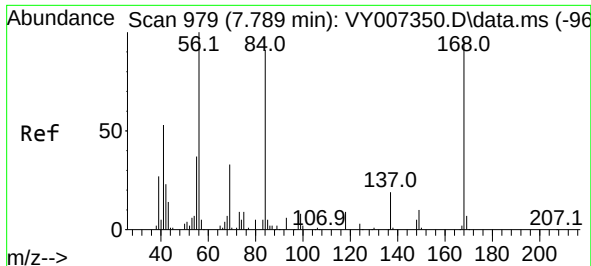
Tgt Ion: 83 Resp: 160628

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.6

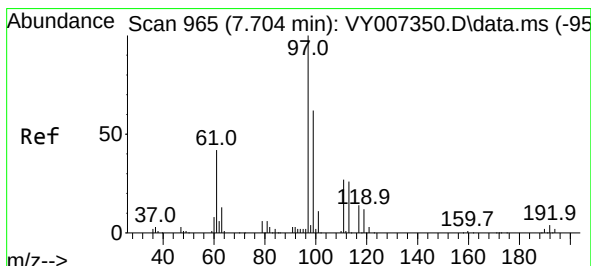
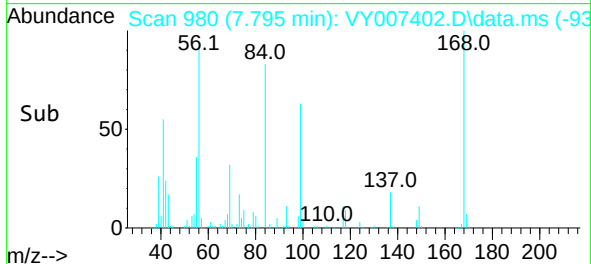
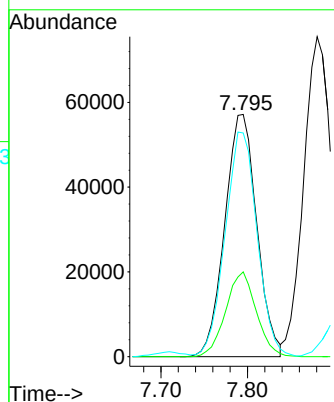
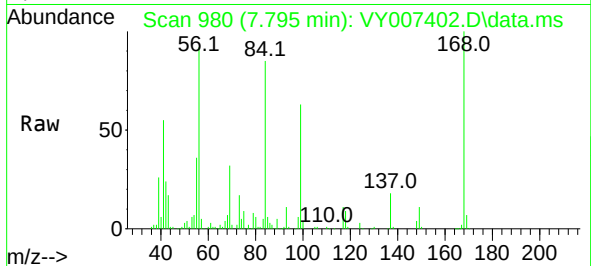




#31
Cyclohexane
Concen: 46.430 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

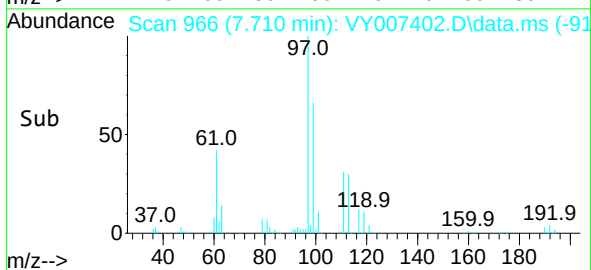
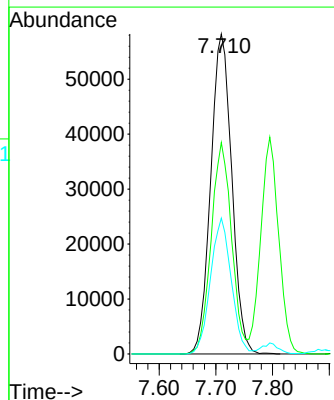
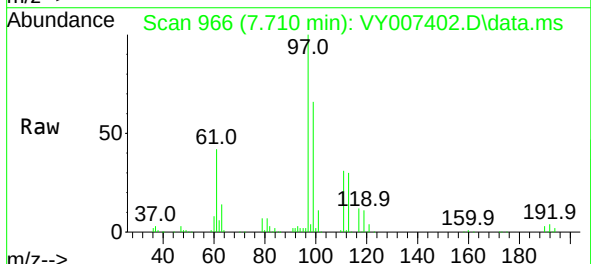
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

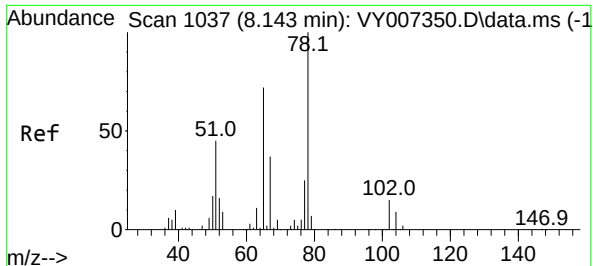
Tgt Ion: 56 Resp: 146680
Ion Ratio Lower Upper
56 100
69 35.0 26.7 40.1
84 91.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 48.772 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 97 Resp: 150153
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 41.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.017 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

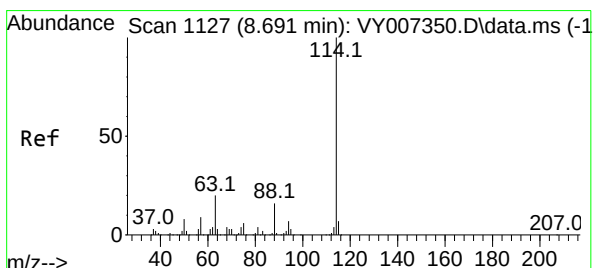
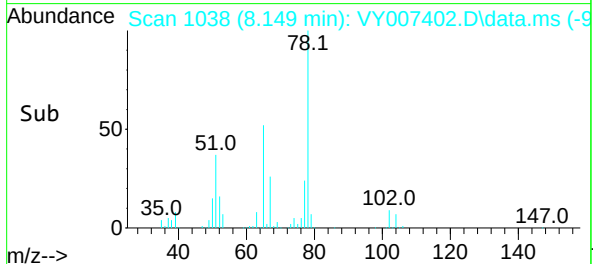
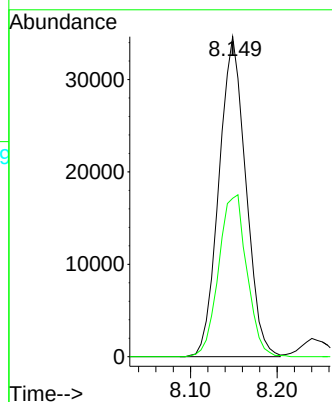
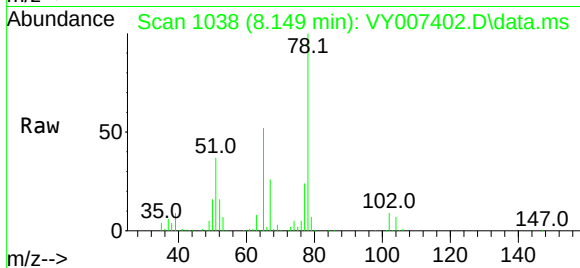
VSTDCCC050

Tgt Ion: 65 Resp: 74503

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

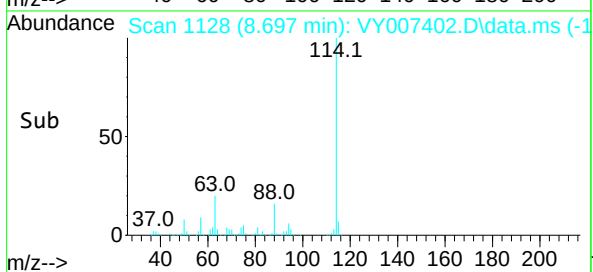
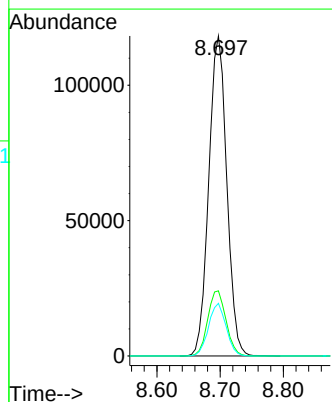
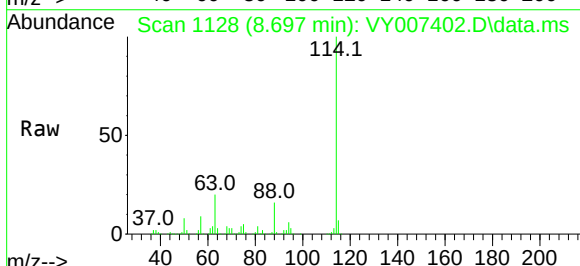
Tgt Ion: 114 Resp: 234130

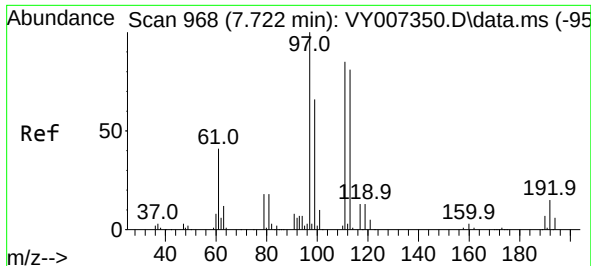
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 16.4 0.0 31.8

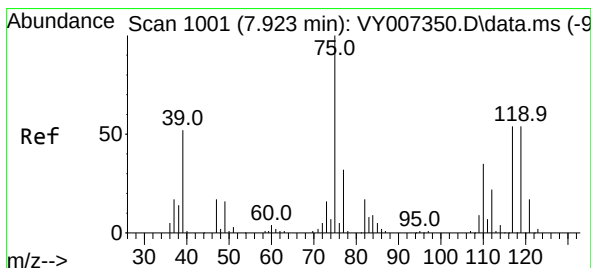
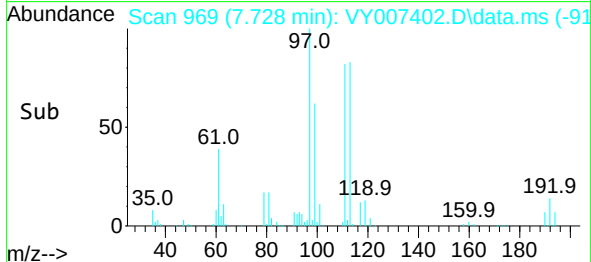
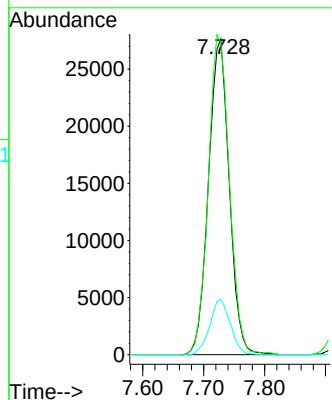
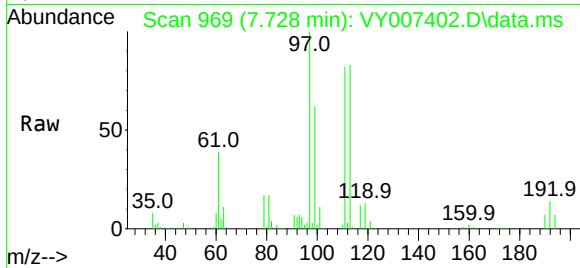




#35
Dibromofluoromethane
Concen: 43.431 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

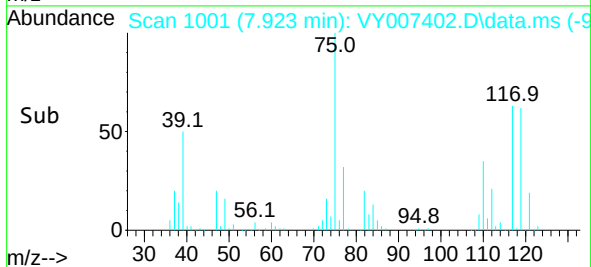
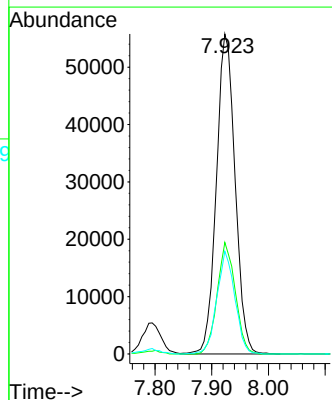
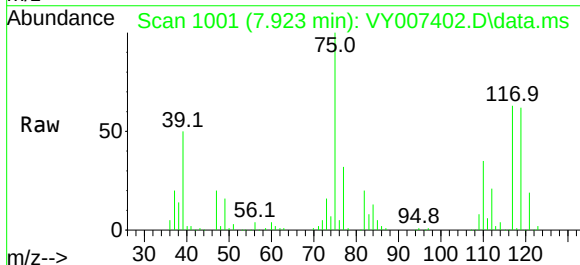
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

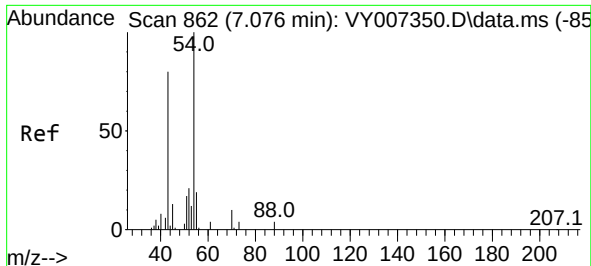
Tgt Ion:113 Resp: 65295
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.4 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 48.637 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 75 Resp: 127836
Ion Ratio Lower Upper
75 100
110 33.7 17.1 51.2
77 30.9 24.4 36.6

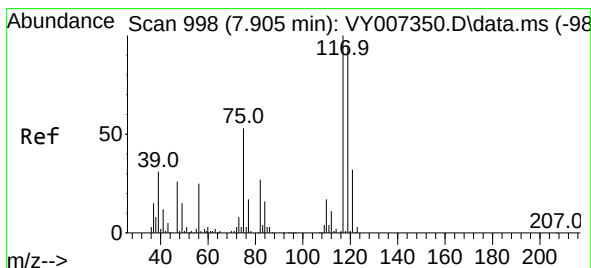
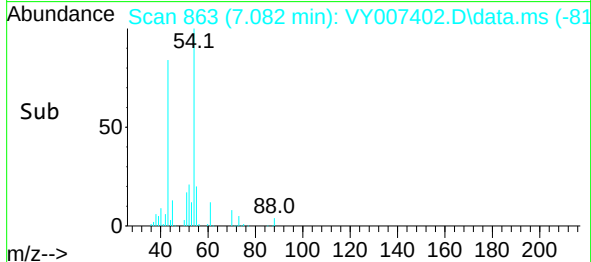
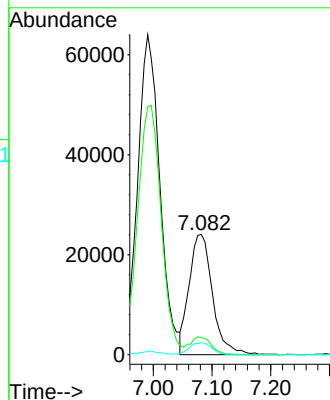
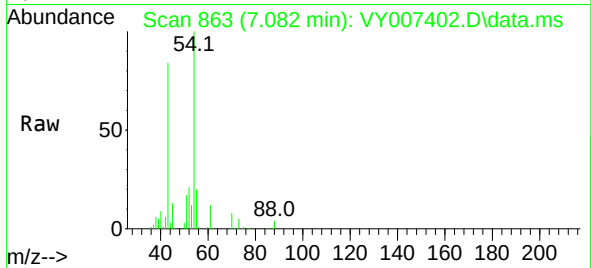




#37
Ethyl Acetate
Concen: 50.823 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

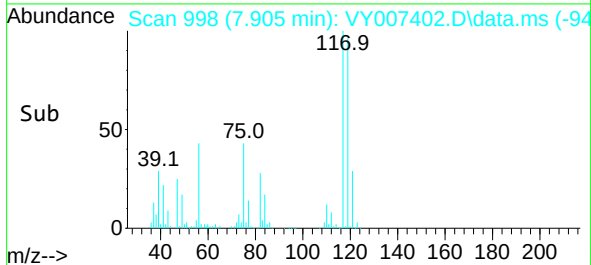
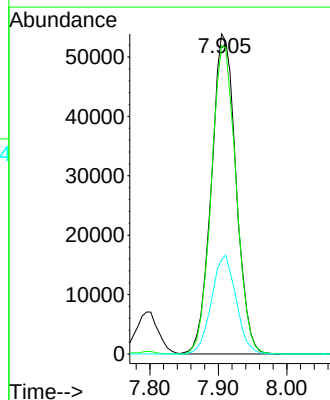
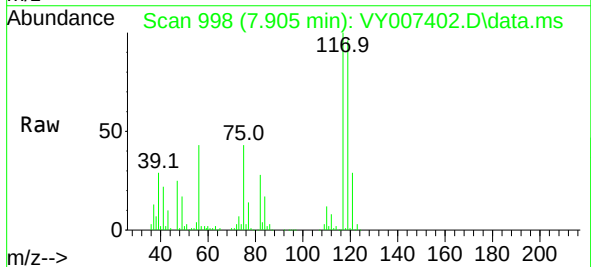
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

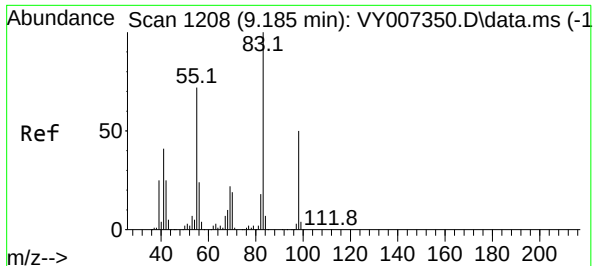
Tgt Ion: 43 Resp: 66411
Ion Ratio Lower Upper
43 100
61 13.5 9.7 14.5
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.682 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 117 Resp: 134429
Ion Ratio Lower Upper
117 100
119 96.3 77.9 116.9
121 29.5 24.8 37.2





#39

Methylcyclohexane

Concen: 48.372 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

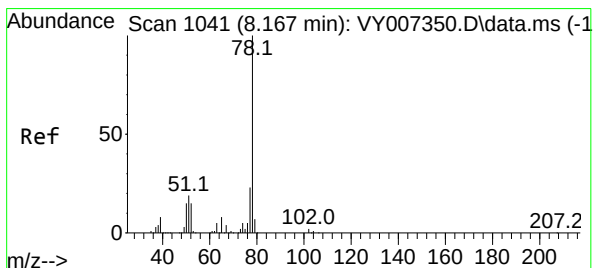
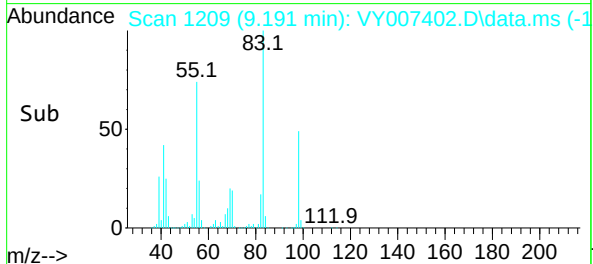
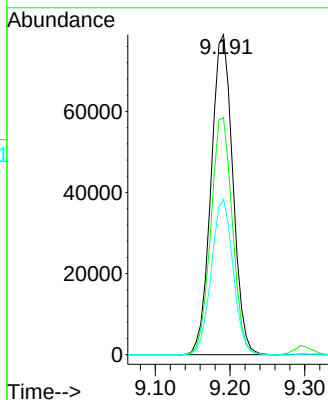
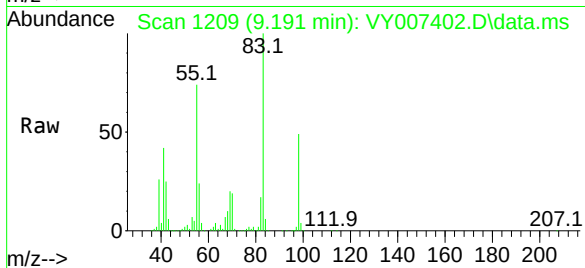
Tgt Ion: 83 Resp: 159667

Ion Ratio Lower Upper

83 100

55 74.0 66.5 99.7

98 48.5 37.9 56.9



#40

Benzene

Concen: 48.492 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY007402.D

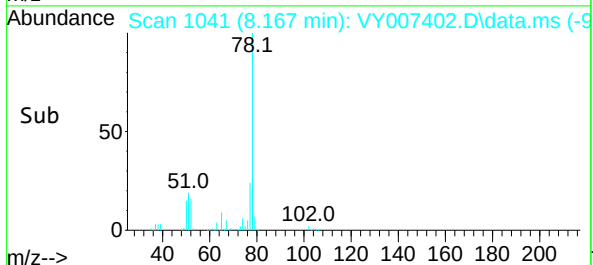
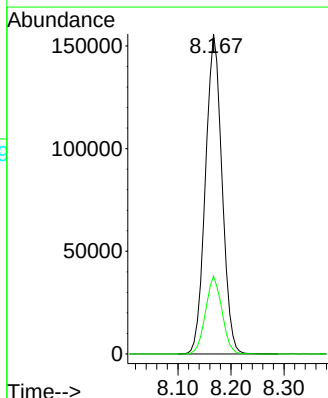
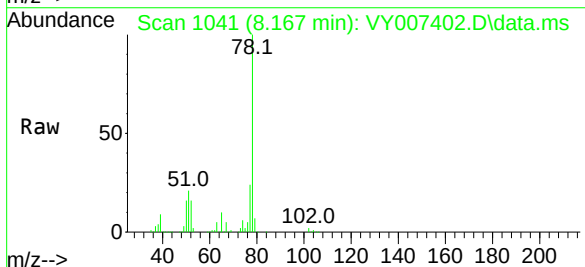
Acq: 07 Feb 2022 09:54

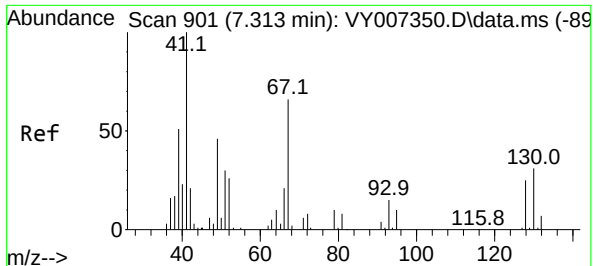
Tgt Ion: 78 Resp: 337841

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

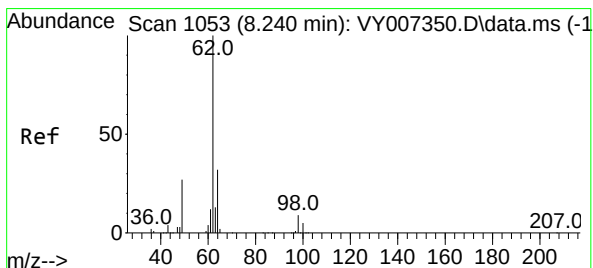
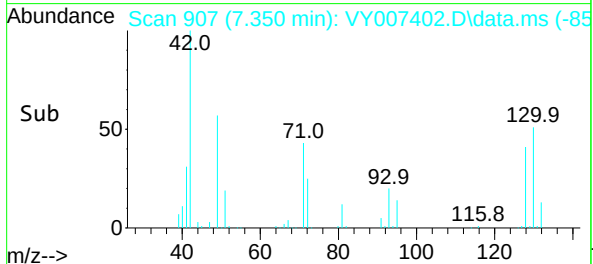
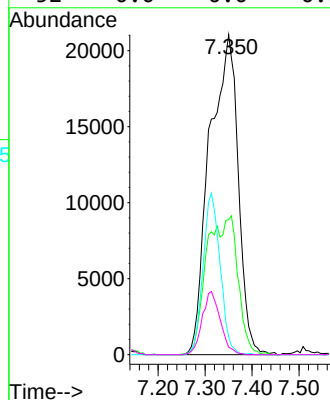
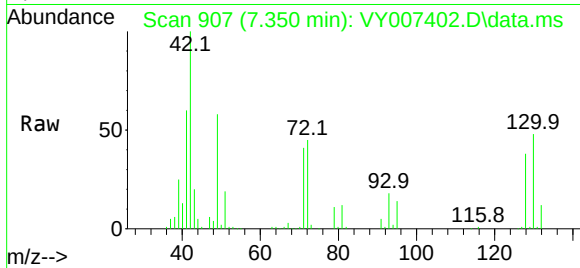




#41
Methacrylonitrile
Concen: 136.758 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

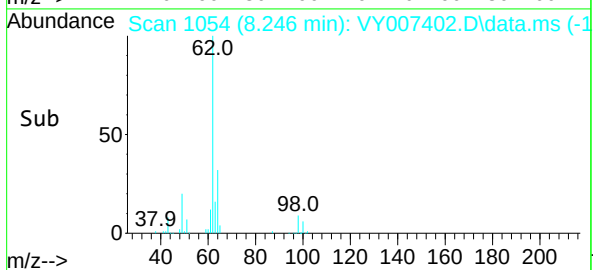
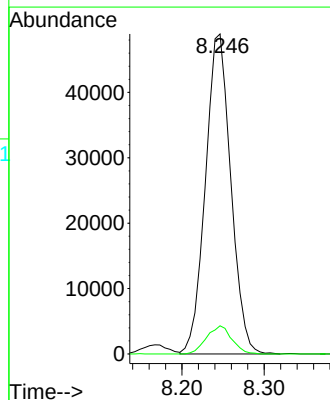
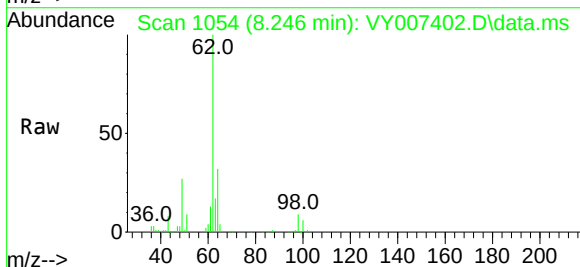
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

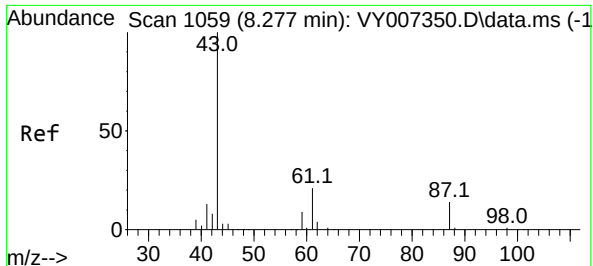
Tgt Ion: 41 Resp: 88803
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.629 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 62 Resp: 105107
Ion Ratio Lower Upper
62 100
98 8.7 0.0 14.8

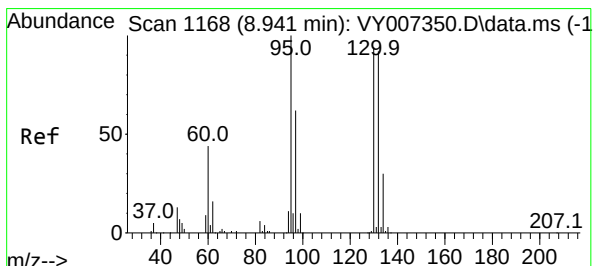
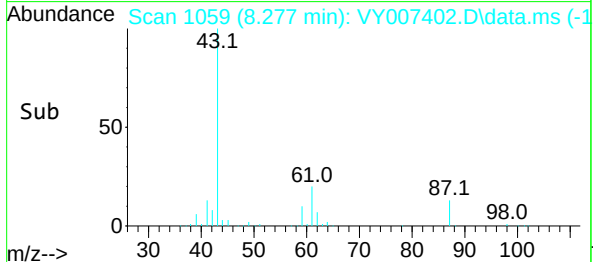
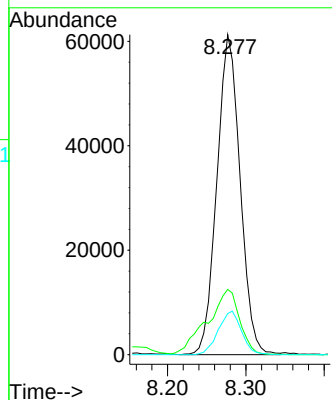
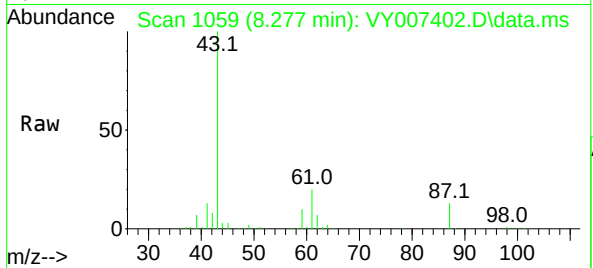




#43
Isopropyl Acetate
Concen: 51.719 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

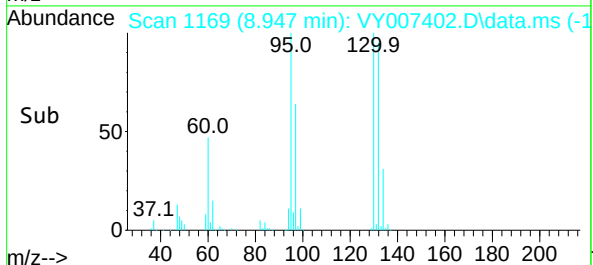
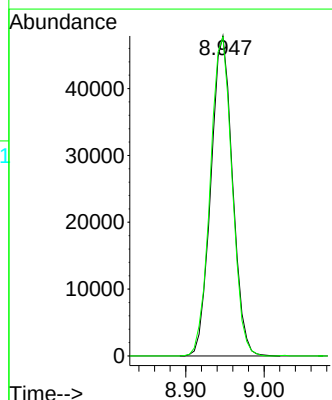
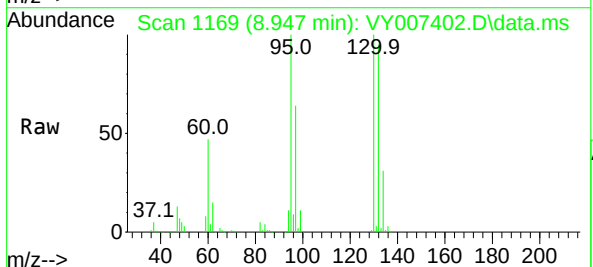
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

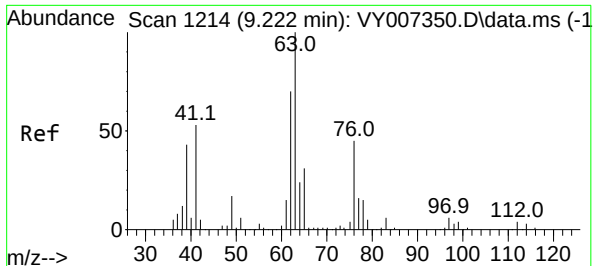
Tgt Ion: 43 Resp: 126387
Ion Ratio Lower Upper
43 100
61 28.4 20.2 30.2
87 13.6 8.9 13.3#



#44
Trichloroethene
Concen: 48.729 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 130 Resp: 91793
Ion Ratio Lower Upper
130 100
95 99.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.770 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

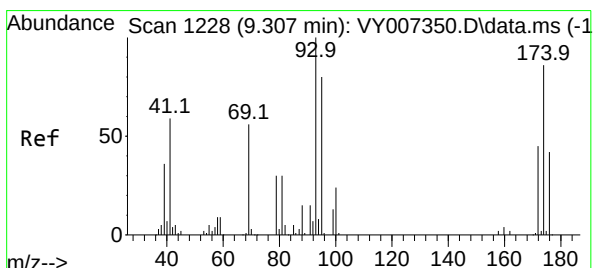
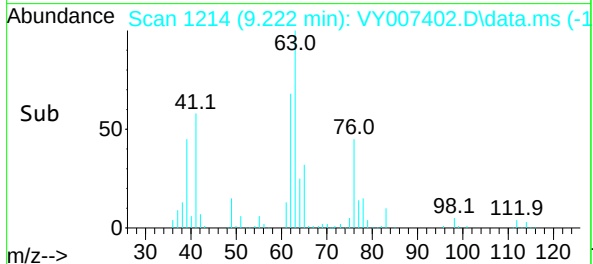
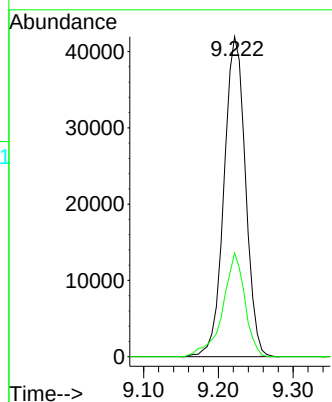
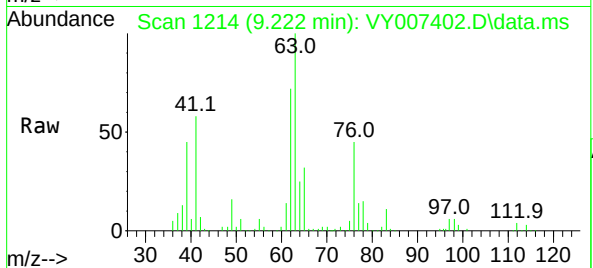
VSTDCCC050

Tgt Ion: 63 Resp: 83782

Ion Ratio Lower Upper

63 100

65 32.4 23.0 34.6



#46

Dibromomethane

Concen: 47.955 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

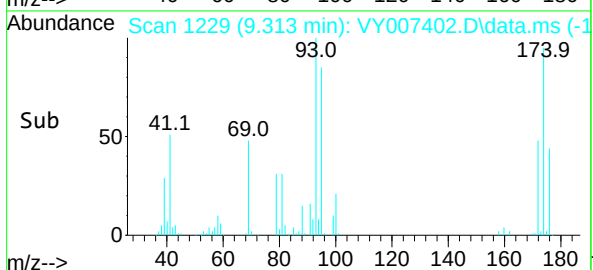
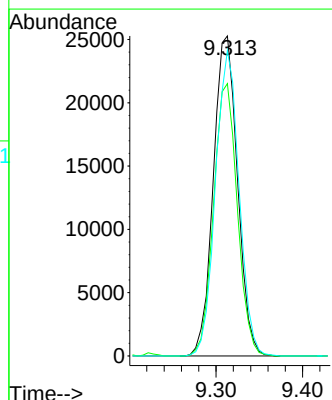
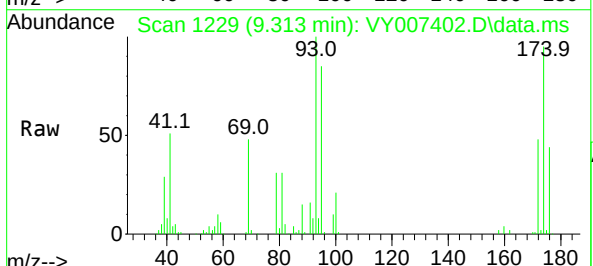
Tgt Ion: 93 Resp: 49014

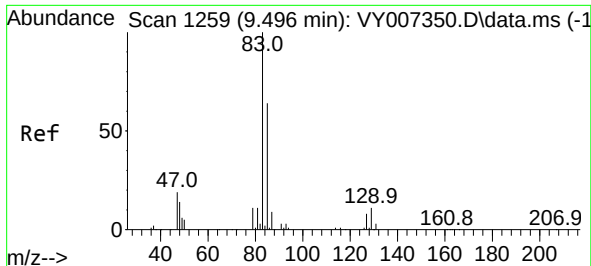
Ion Ratio Lower Upper

93 100

95 83.7 64.3 96.5

174 93.1 83.4 125.0

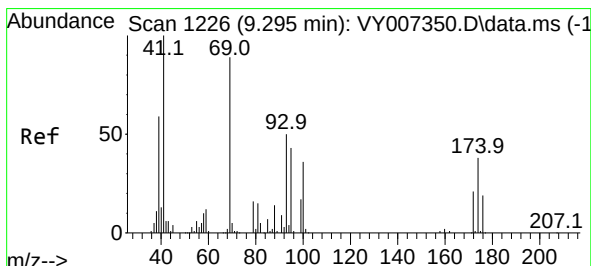
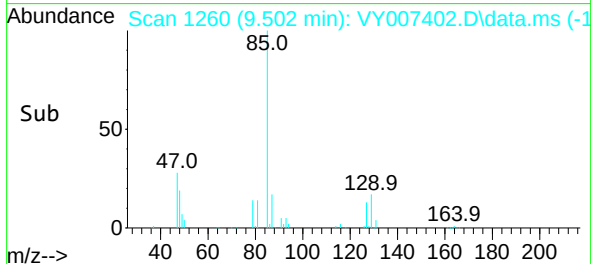
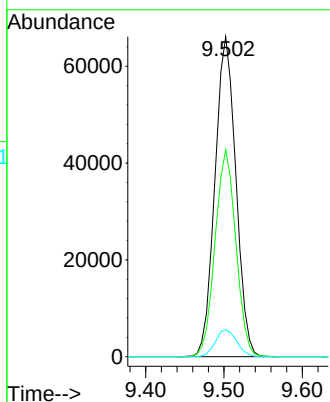
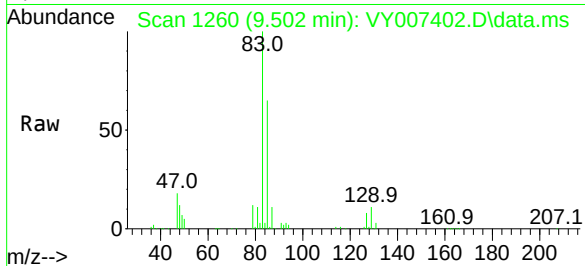




#47
Bromodichloromethane
Concen: 49.746 ug/l
RT: 9.502 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

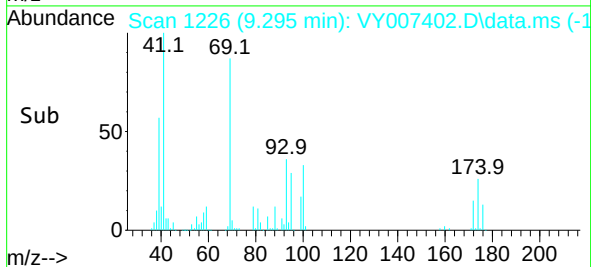
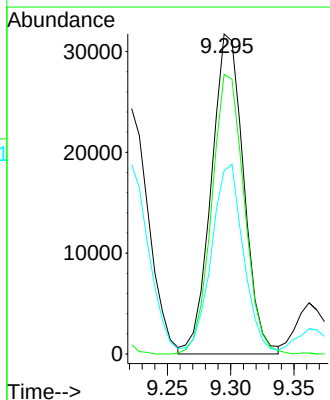
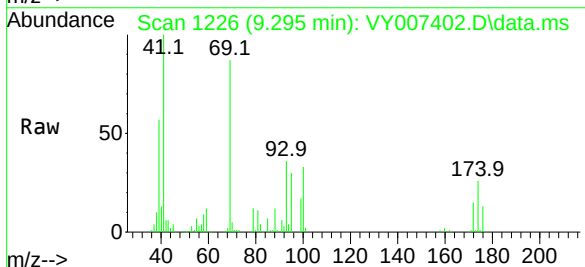
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

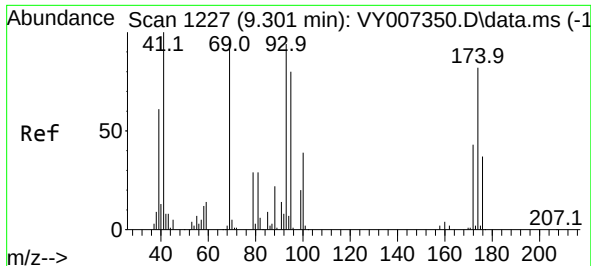
Tgt Ion: 83 Resp: 122950
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 51.164 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 41 Resp: 56544
Ion Ratio Lower Upper
41 100
69 87.1 58.2 87.2
39 56.4 47.4 71.0





#49

1,4-Dioxane

Concen: 1015.035 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

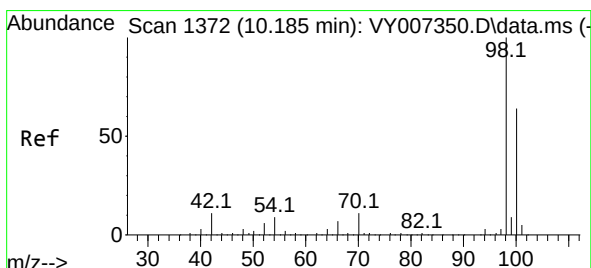
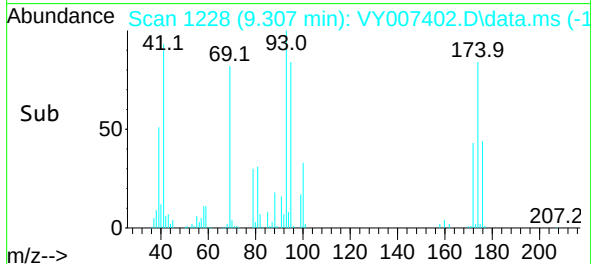
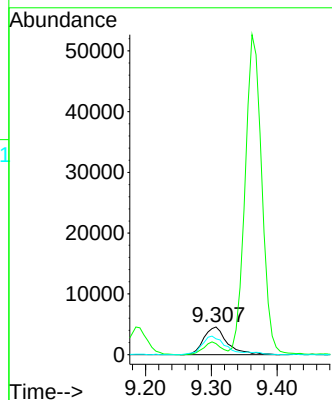
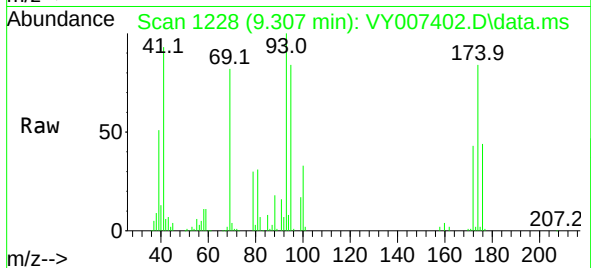
Tgt Ion: 88 Resp: 11364

Ion Ratio Lower Upper

88 100

43 34.6 32.8 49.2

58 65.0 59.8 89.6



#50

Toluene-d8

Concen: 41.232 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY007402.D

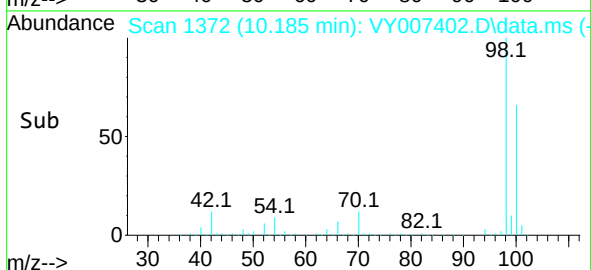
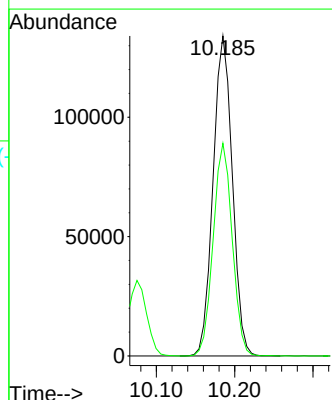
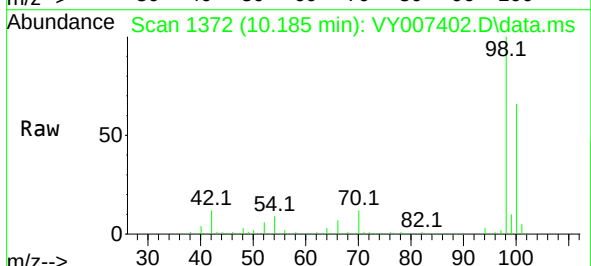
Acq: 07 Feb 2022 09:54

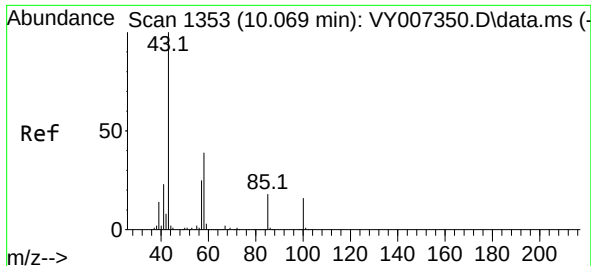
Tgt Ion: 98 Resp: 229019

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

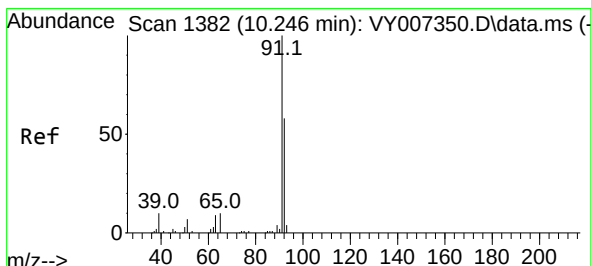
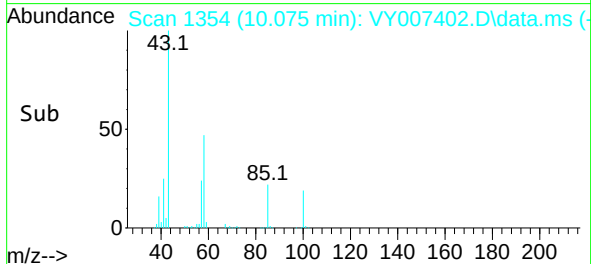
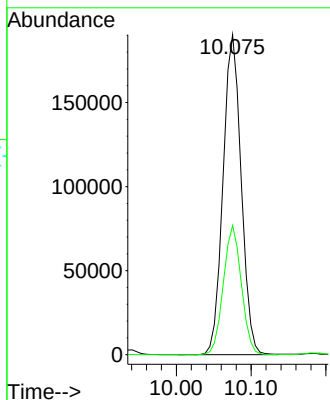
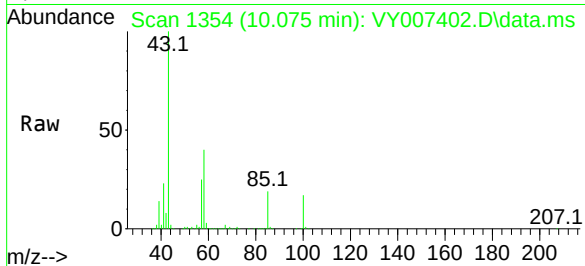




#51
4-Methyl-2-Pentanone
Concen: 259.306 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

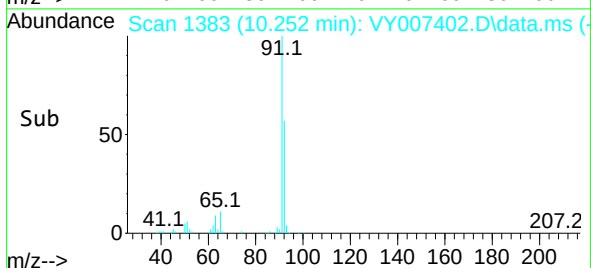
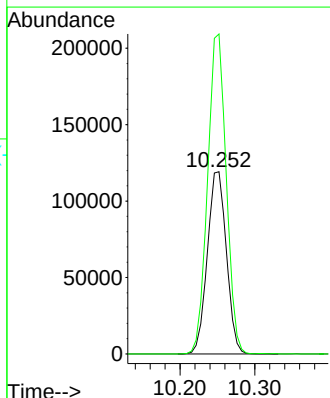
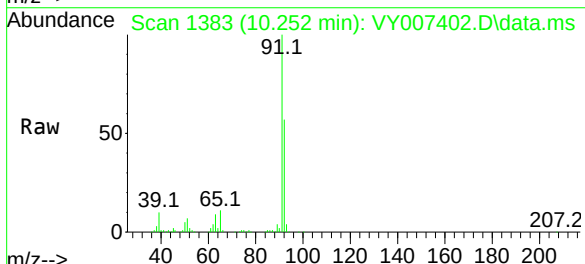
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

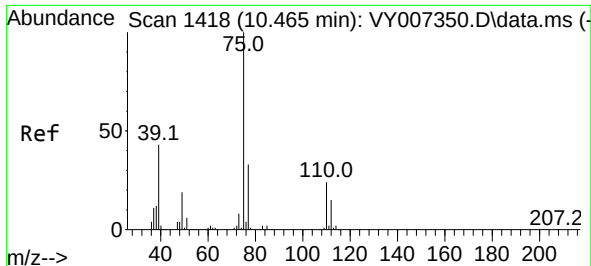
Tgt Ion: 43 Resp: 321376
Ion Ratio Lower Upper
43 100
58 40.0 28.1 42.1



#52
Toluene
Concen: 48.104 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 92 Resp: 211156
Ion Ratio Lower Upper
92 100
91 171.9 142.6 213.8

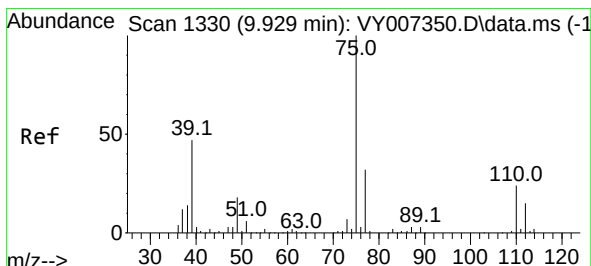
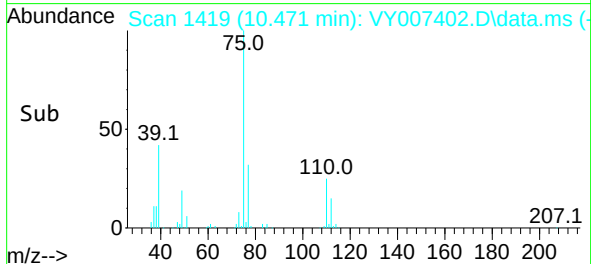
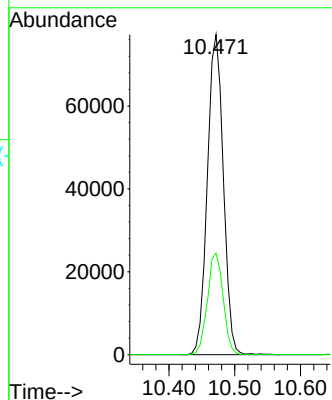
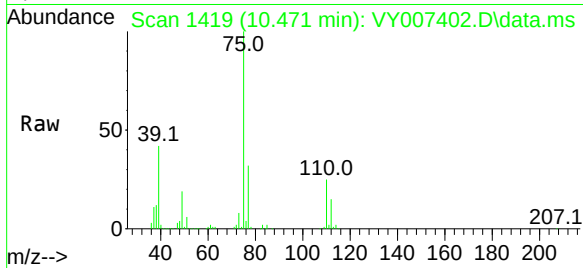




#53
 t-1,3-Dichloropropene
 Concen: 50.494 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY007402.D
 Acq: 07 Feb 2022 09:54

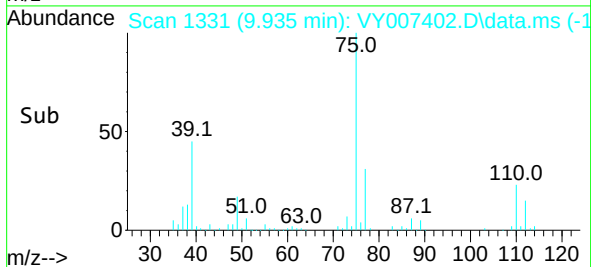
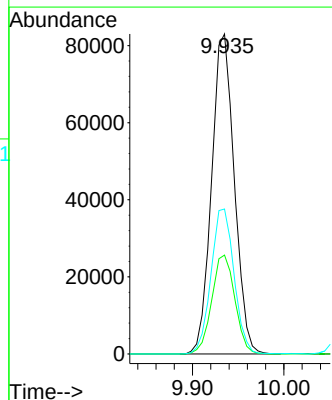
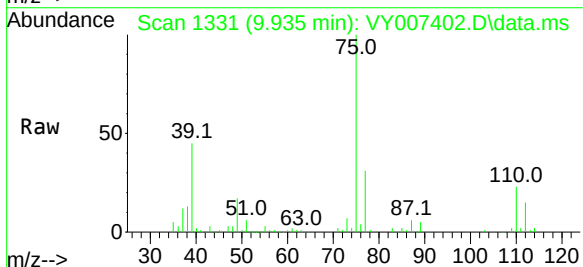
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

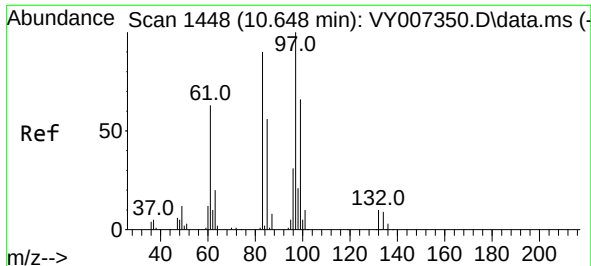
Tgt Ion: 75 Resp: 130376
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.575 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY007402.D
 Acq: 07 Feb 2022 09:54

Tgt Ion: 75 Resp: 143373
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4
 39 45.3 47.6 71.4#



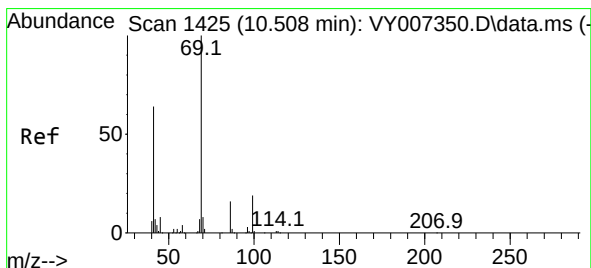
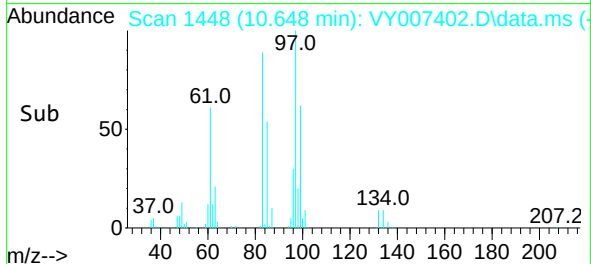
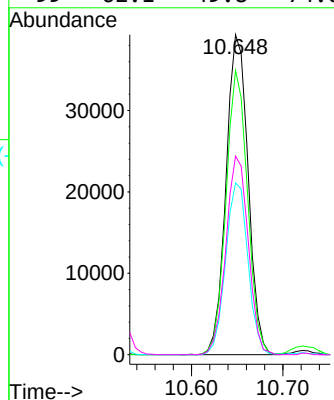
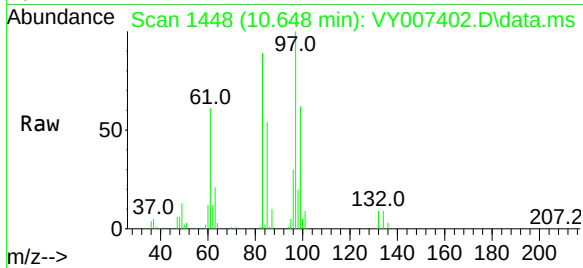


#55
1,1,2-Trichloroethane
Concen: 49.156 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 65984

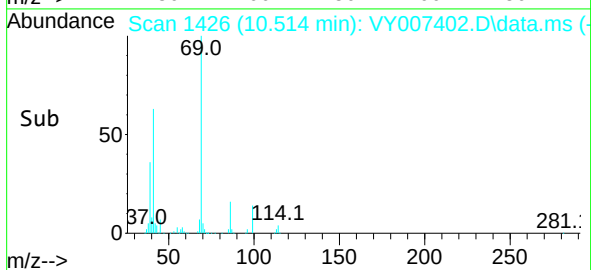
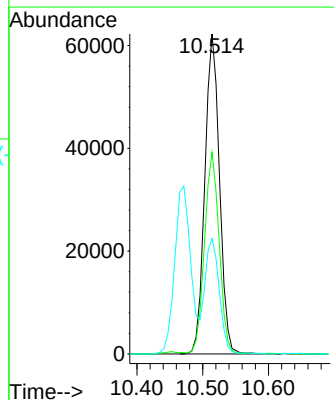
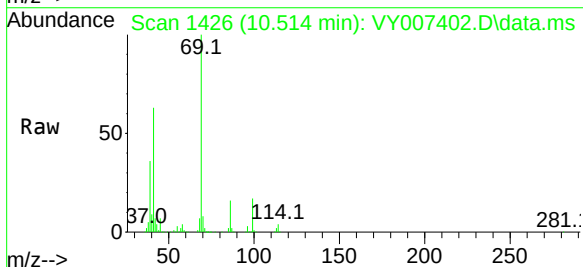
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.8	104.8
85	53.7	44.3	66.5
99	62.1	49.8	74.6

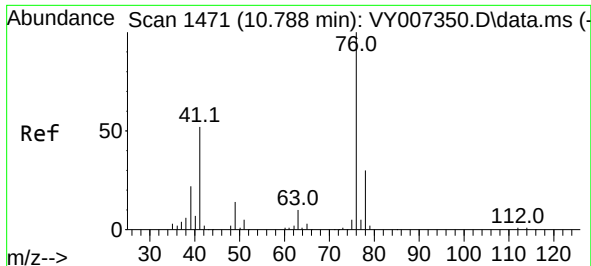


#56
Ethyl methacrylate
Concen: 51.708 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 69 Resp: 96406

Ion	Ratio	Lower	Upper
69	100		
41	62.7	63.4	95.0#
39	34.9	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 48.929 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

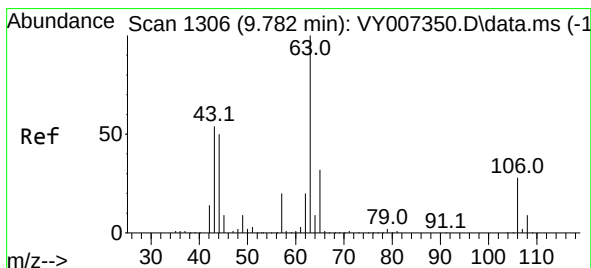
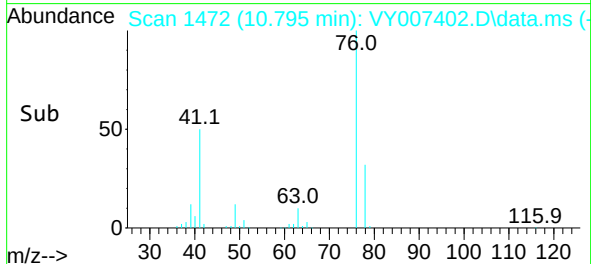
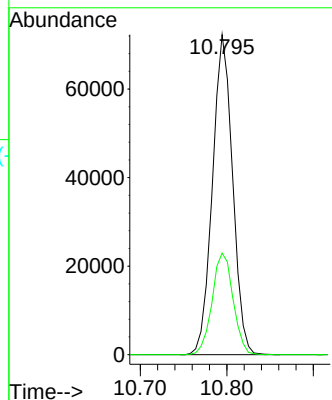
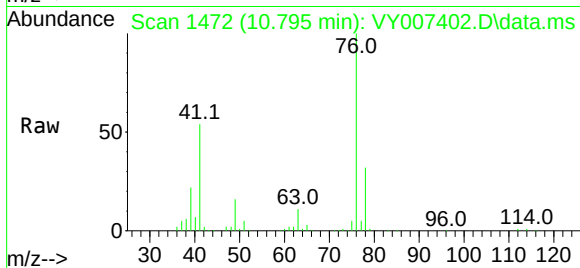
VSTDCCC050

Tgt Ion: 76 Resp: 116450

Ion Ratio Lower Upper

76 100

78 33.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.714 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY007402.D

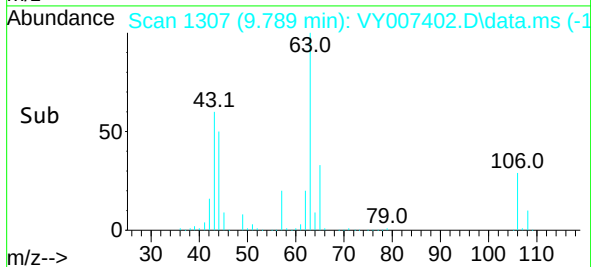
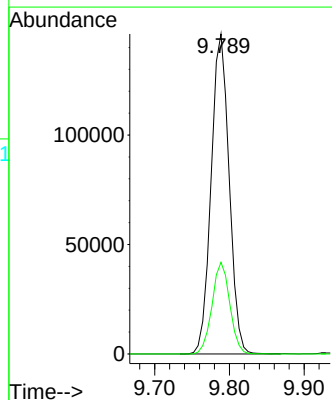
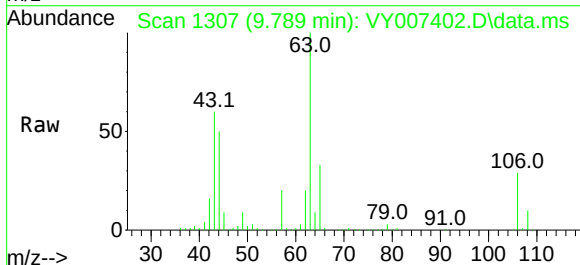
Acq: 07 Feb 2022 09:54

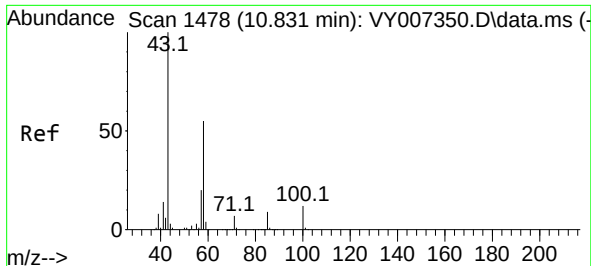
Tgt Ion: 63 Resp: 244125

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3

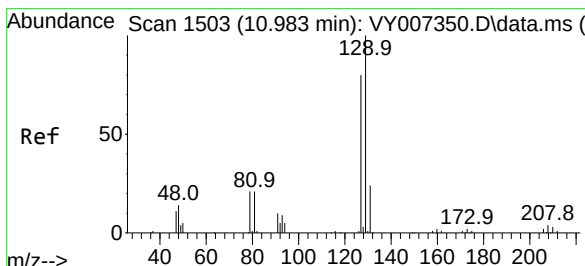
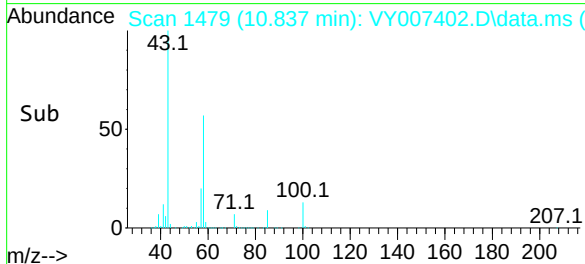
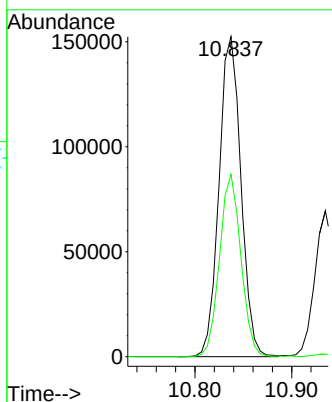
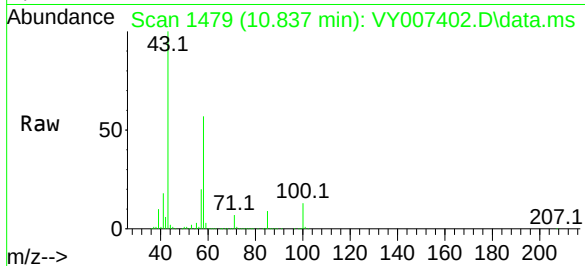




#59
2-Hexanone
Concen: 265.147 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

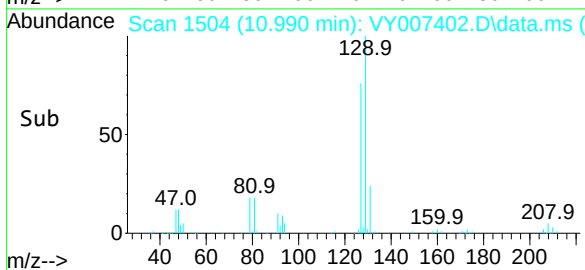
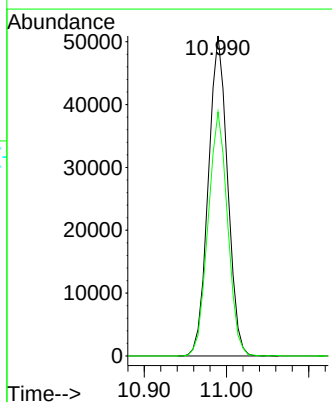
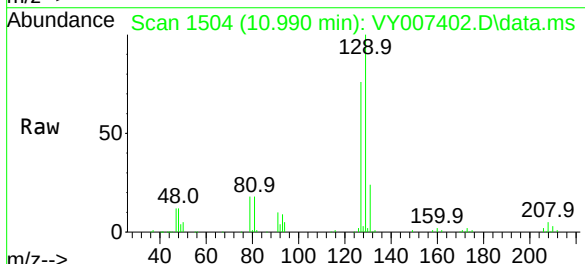
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

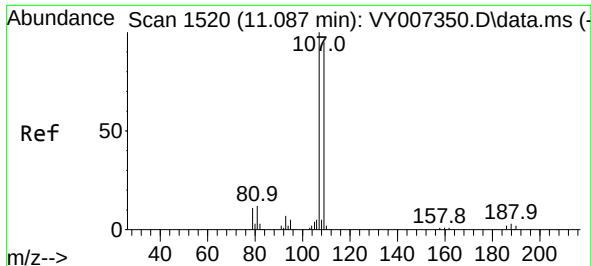
Tgt Ion: 43 Resp: 239574
Ion Ratio Lower Upper
43 100
58 55.7 24.4 73.4



#60
Dibromochloromethane
Concen: 49.597 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 129 Resp: 82883
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

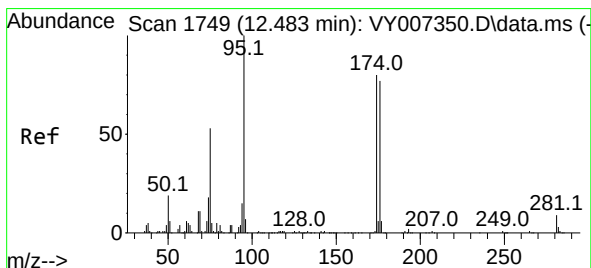
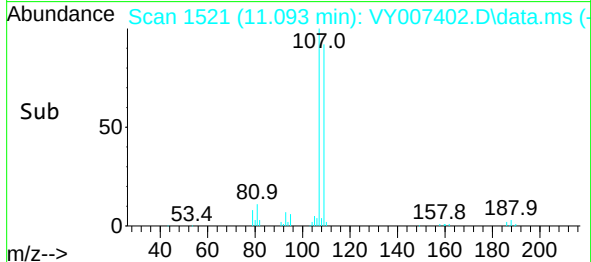
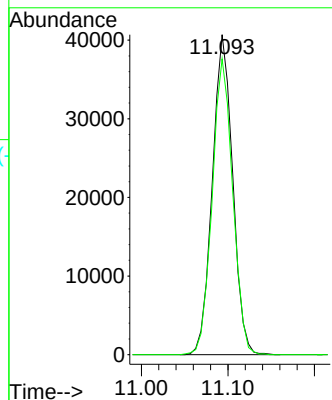
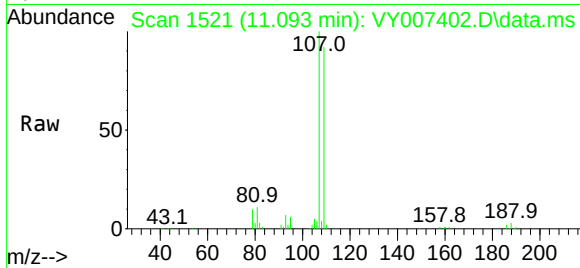




#61
1,2-Dibromoethane
Concen: 49.931 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

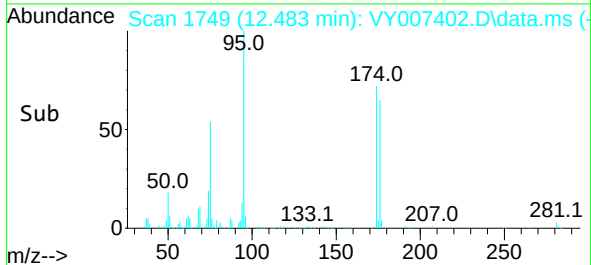
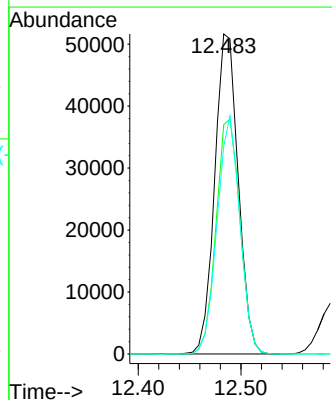
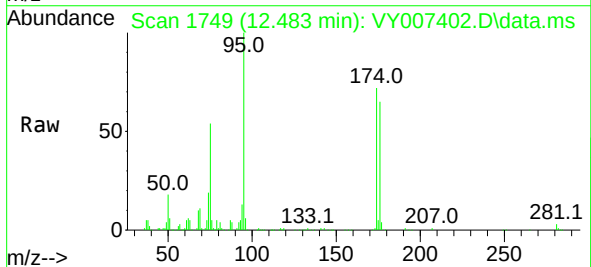
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

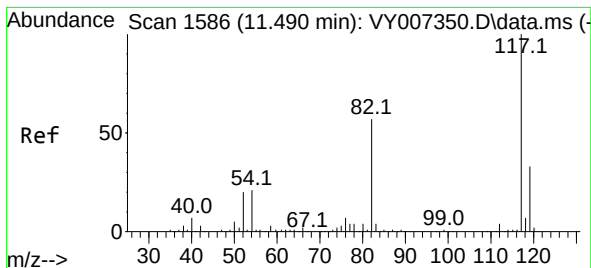
Tgt Ion:107 Resp: 66311
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.394 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 95 Resp: 81924
Ion Ratio Lower Upper
95 100
174 74.8 0.0 177.0
176 72.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

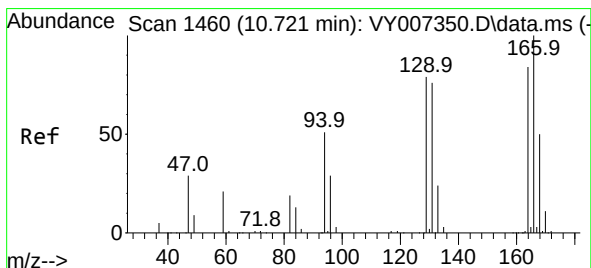
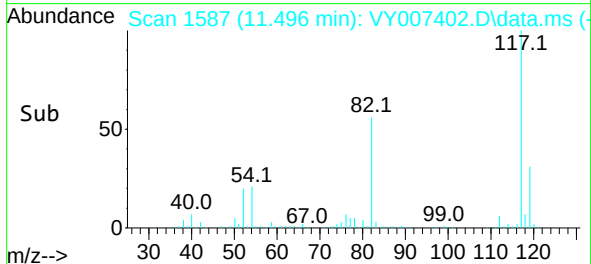
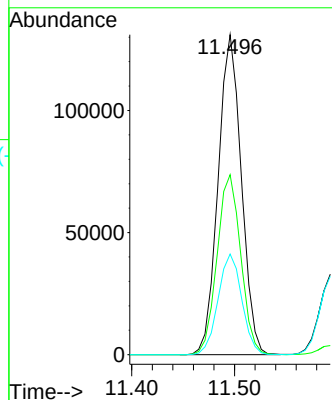
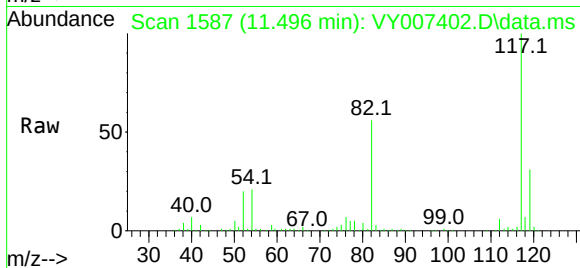
Tgt Ion:117 Resp: 205796

Ion Ratio Lower Upper

117 100

82 56.3 43.0 64.4

119 31.5 25.4 38.0



#64

Tetrachloroethene

Concen: 48.294 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Tgt Ion:164 Resp: 77997

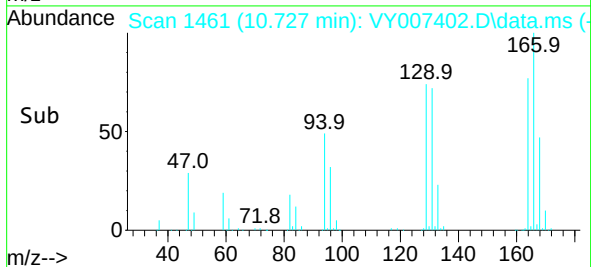
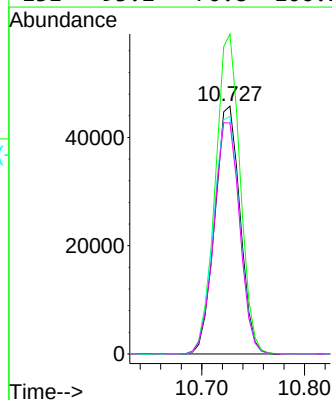
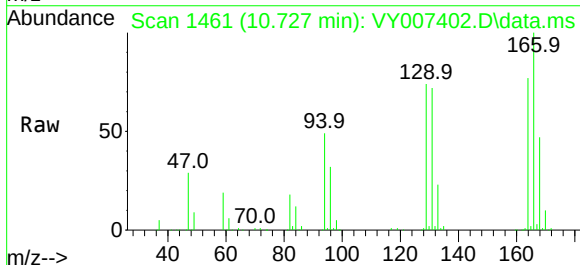
Ion Ratio Lower Upper

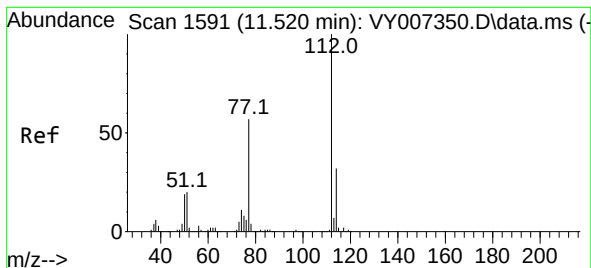
164 100

166 129.1 100.4 150.6

129 95.8 71.4 107.0

131 93.2 70.8 106.2





#65

Chlorobenzene

Concen: 48.385 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

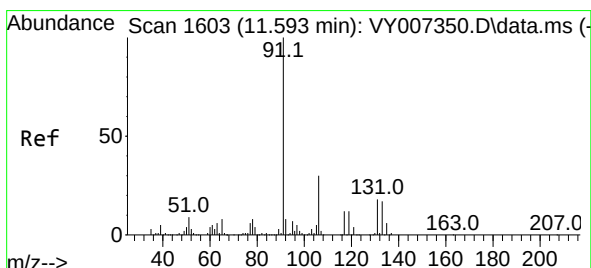
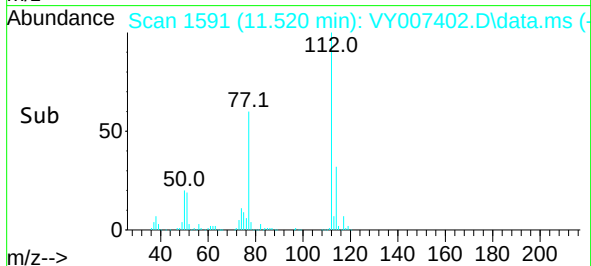
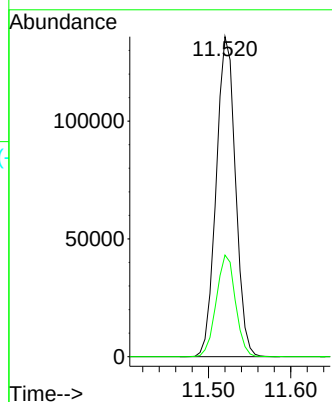
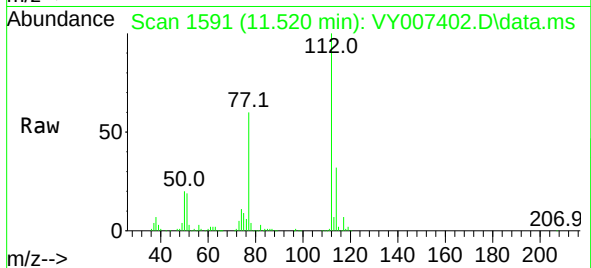
VSTDCCC050

Tgt Ion:112 Resp: 221509

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.362 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

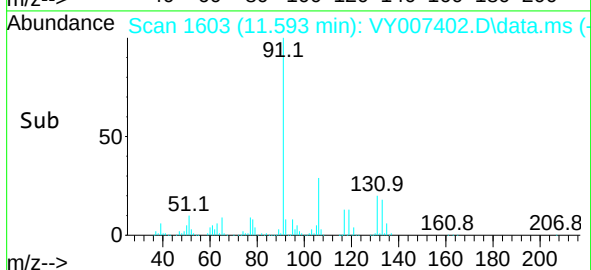
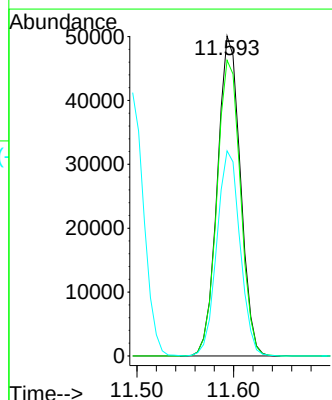
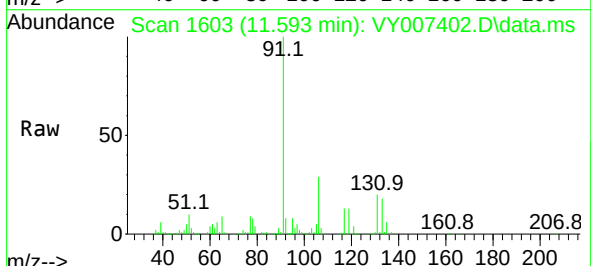
Tgt Ion:131 Resp: 82651

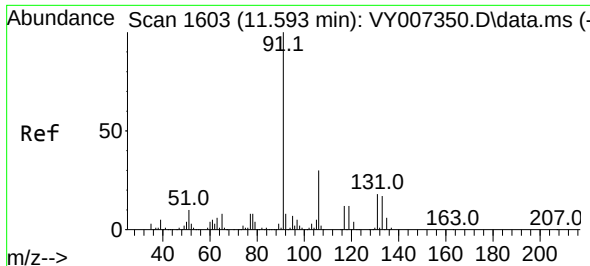
Ion Ratio Lower Upper

131 100

133 94.1 47.9 143.6

119 64.7 30.8 92.3





#67

Ethyl Benzene

Concen: 48.148 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

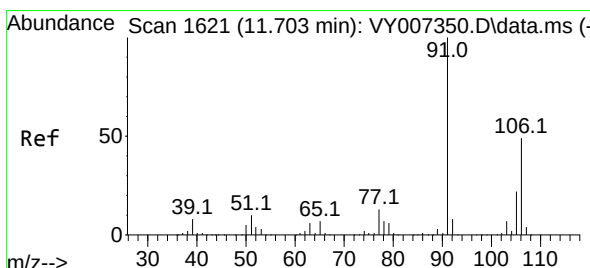
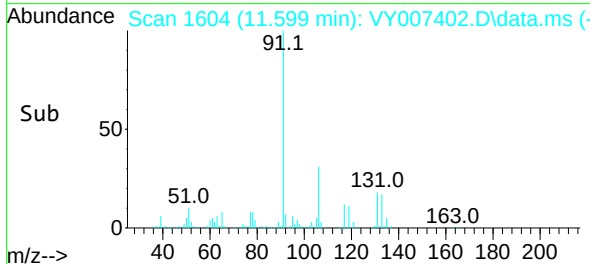
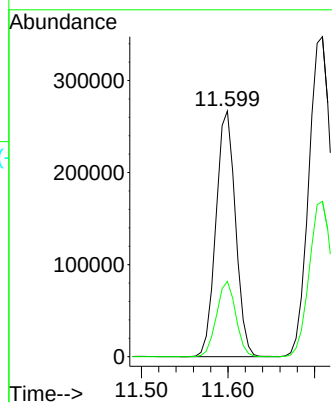
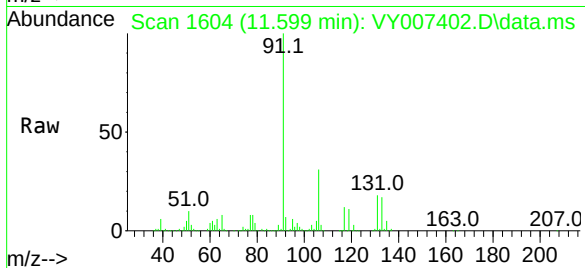
VSTDCCC050

Tgt Ion: 91 Resp: 418279

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 95.860 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY007402.D

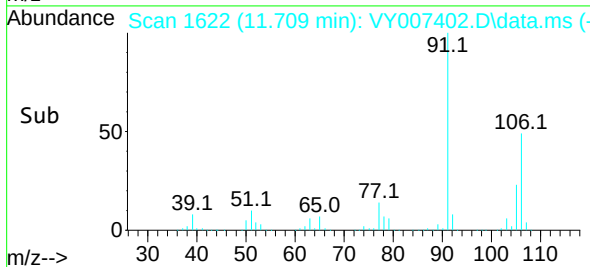
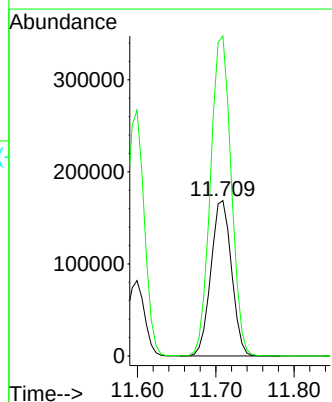
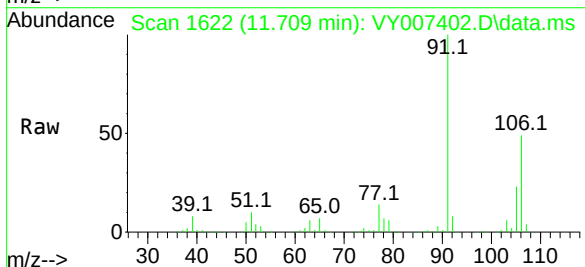
Acq: 07 Feb 2022 09:54

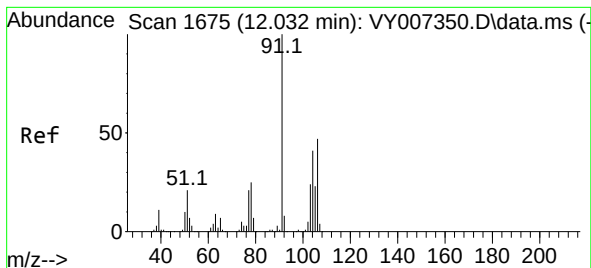
Tgt Ion:106 Resp: 308438

Ion Ratio Lower Upper

106 100

91 207.0 166.6 249.8

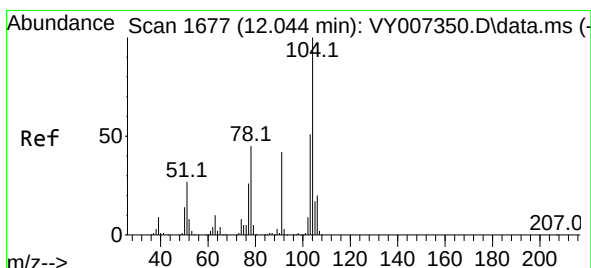
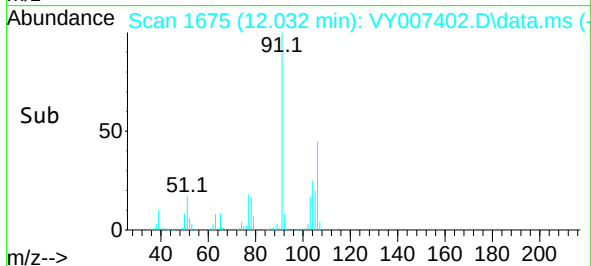
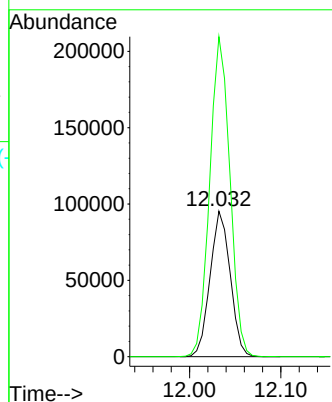
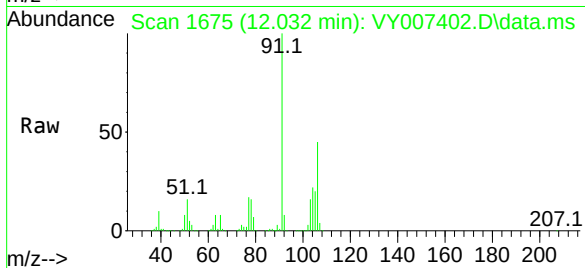




#69
o-Xylene
Concen: 47.876 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

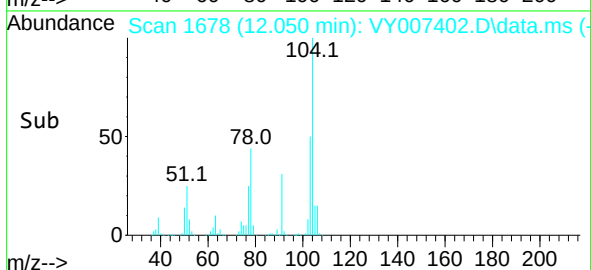
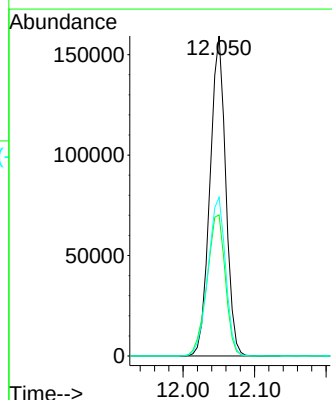
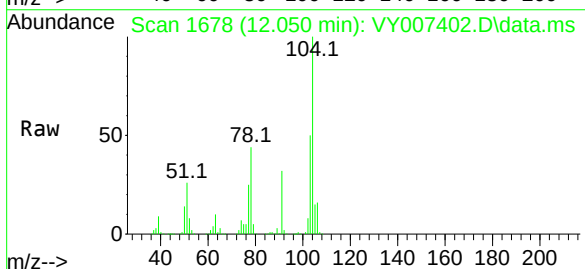
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

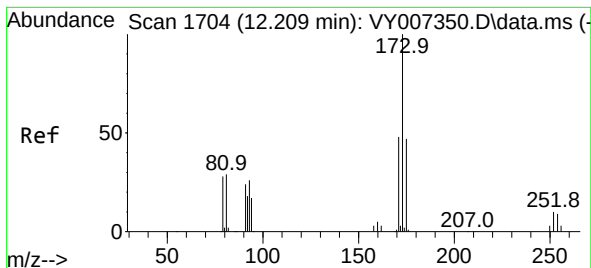
Tgt Ion:106 Resp: 145644
Ion Ratio Lower Upper
106 100
91 220.9 110.3 331.0



#70
Styrene
Concen: 48.658 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion:104 Resp: 244009
Ion Ratio Lower Upper
104 100
78 51.2 42.4 63.6
103 55.1 44.4 66.6





#71

Bromoform

Concen: 50.017 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

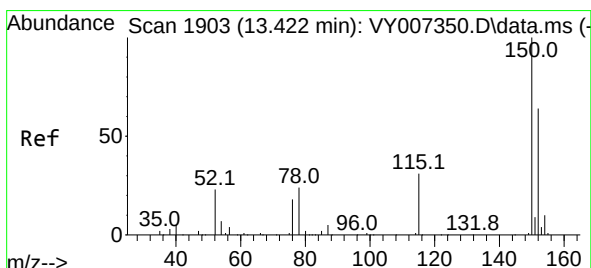
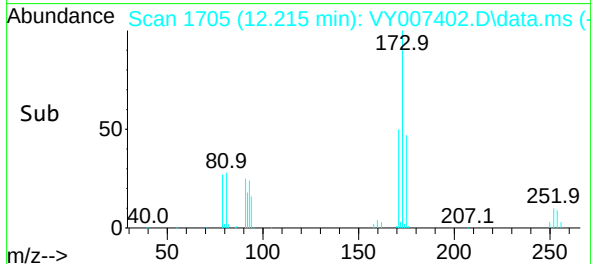
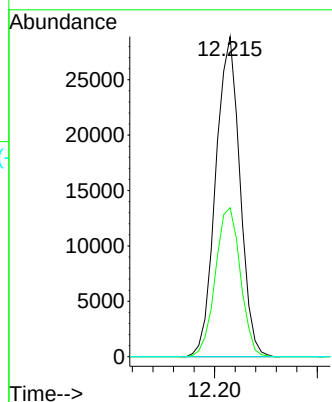
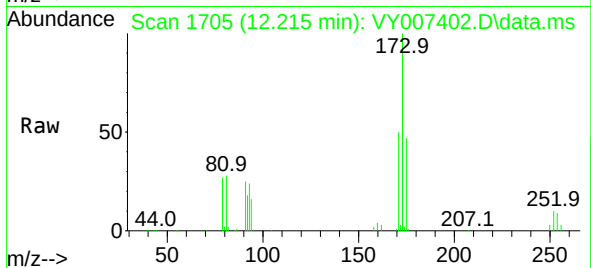
Tgt Ion:173 Resp: 47162

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

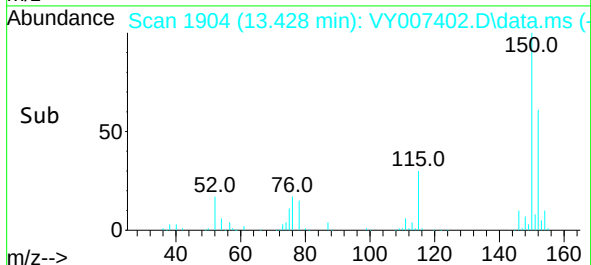
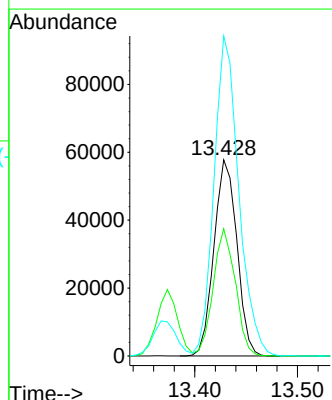
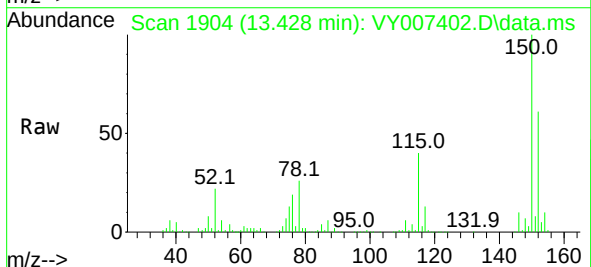
Tgt Ion:152 Resp: 89534

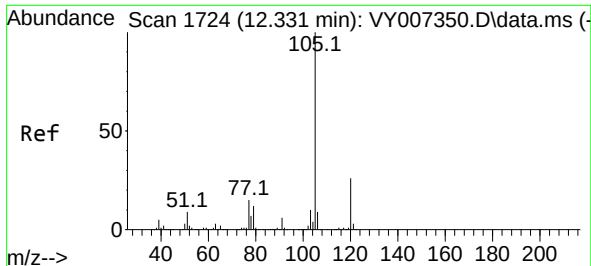
Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 176.3 0.0 347.6

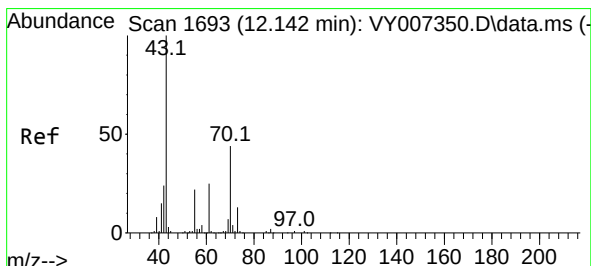
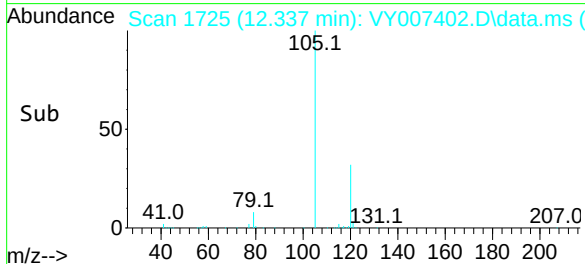
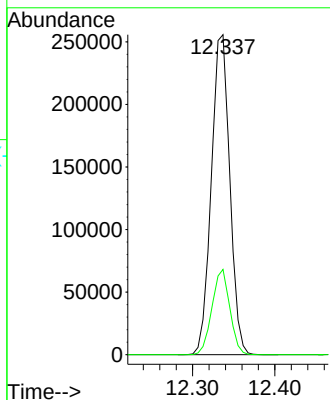
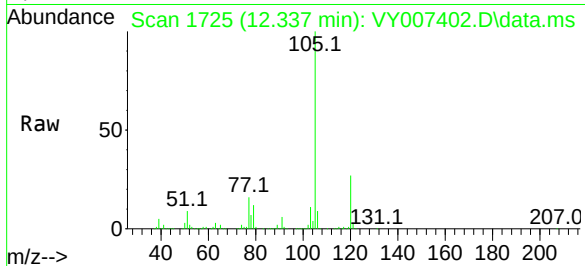




#73
Isopropylbenzene
Concen: 48.713 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

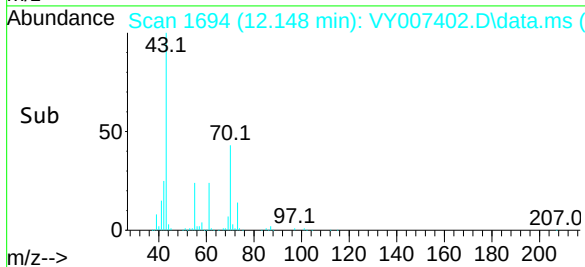
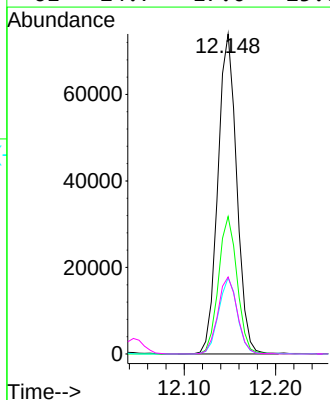
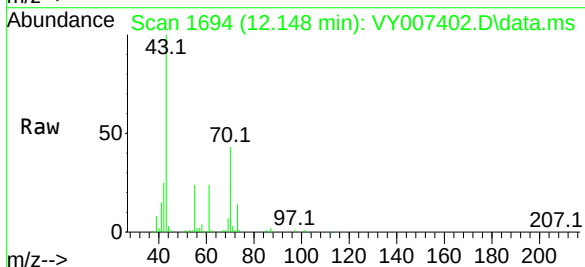
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

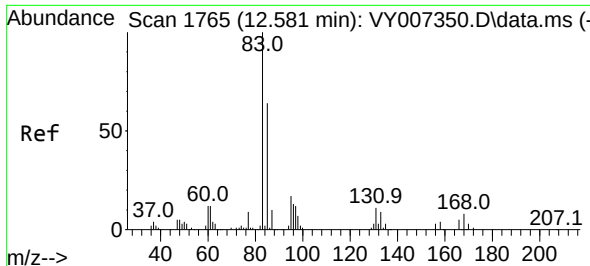
Tgt Ion:105 Resp: 398608
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.2



#74
N-ethyl acetate
Concen: 52.310 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 43 Resp: 105951
Ion Ratio Lower Upper
43 100
70 42.5 28.7 43.1
55 23.7 17.3 25.9
61 24.7 17.0 25.6

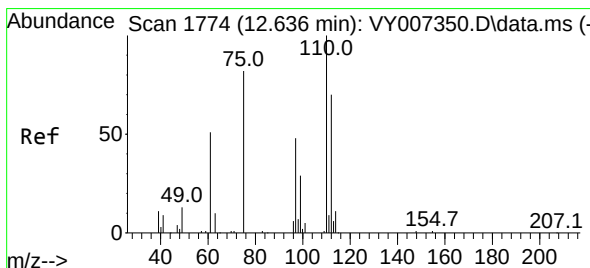
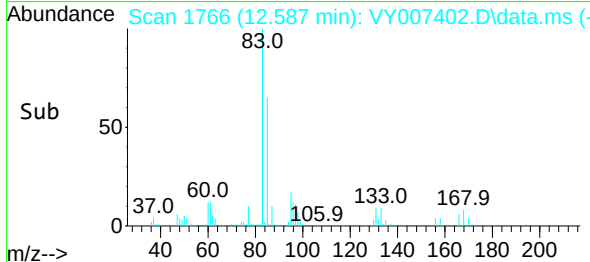
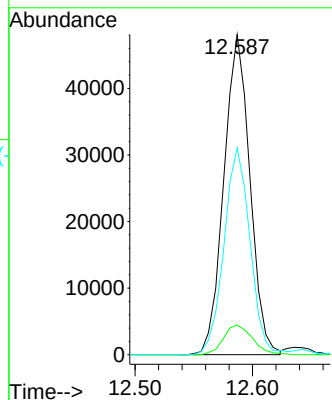
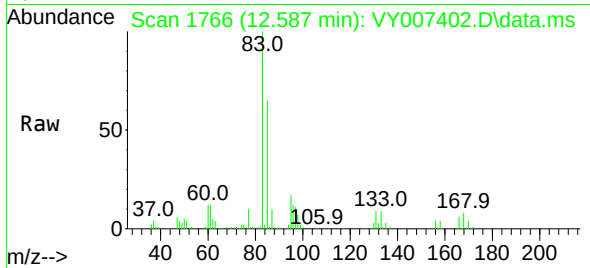




#75
1,1,2,2-Tetrachloroethane
Concen: 49.586 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

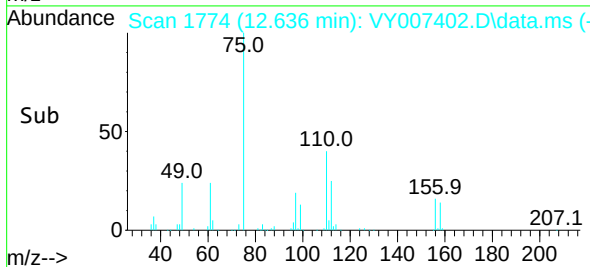
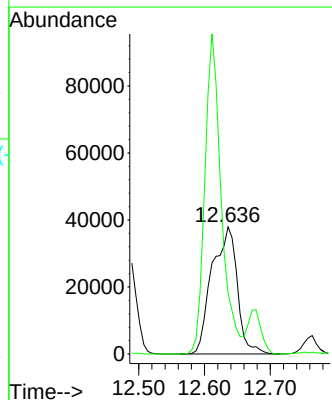
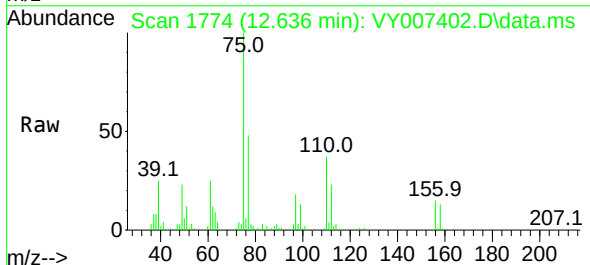
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

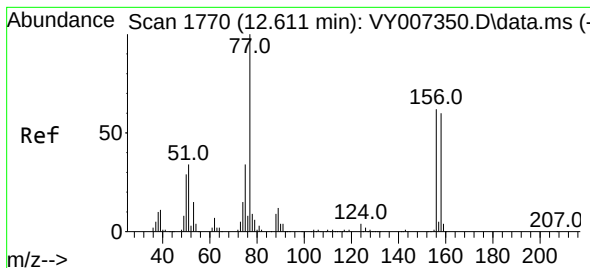
Tgt Ion: 83 Resp: 74097
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 64.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 95.386 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 75 Resp: 101528
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.903 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

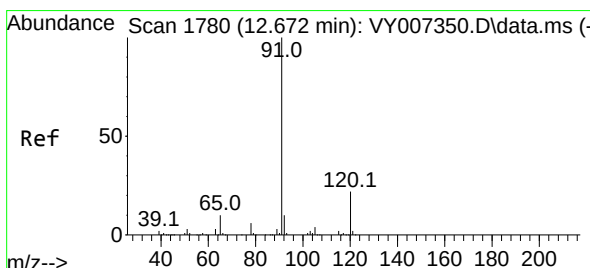
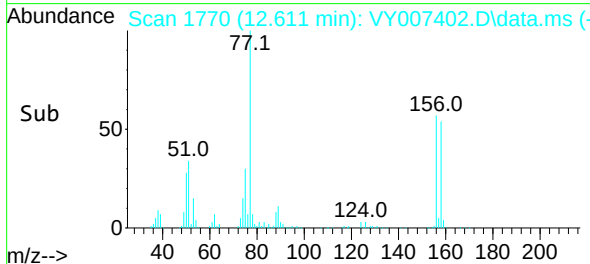
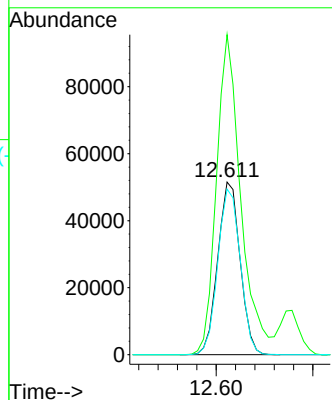
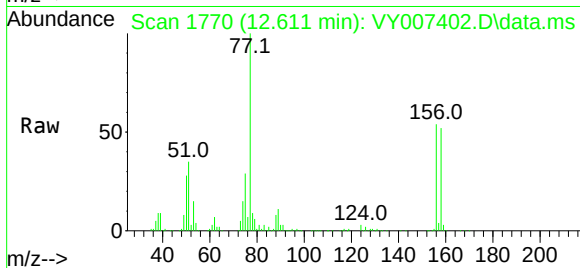
Tgt Ion:156 Resp: 82567

Ion Ratio Lower Upper

156 100

77 200.3 95.5 286.4

158 96.8 48.0 144.0



#78

n-propylbenzene

Concen: 49.312 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY007402.D

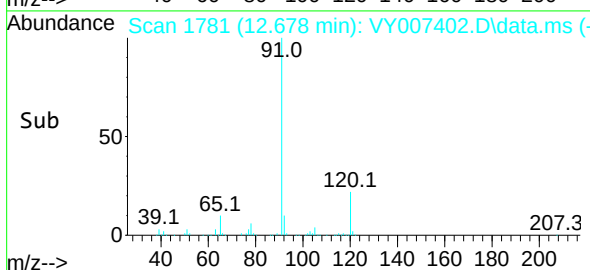
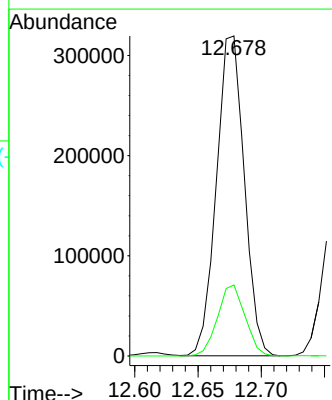
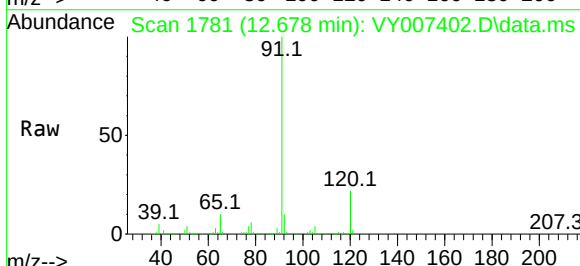
Acq: 07 Feb 2022 09:54

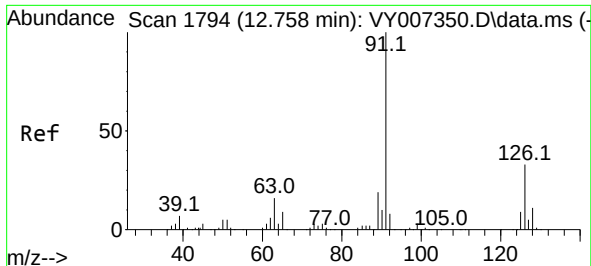
Tgt Ion: 91 Resp: 488737

Ion Ratio Lower Upper

91 100

120 21.9 11.3 33.9

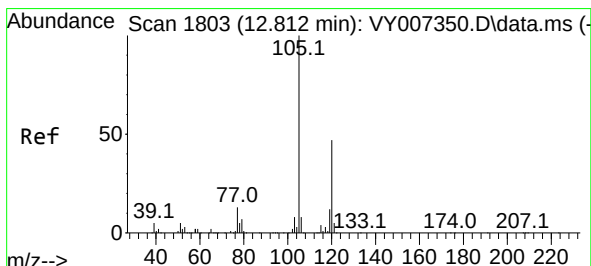
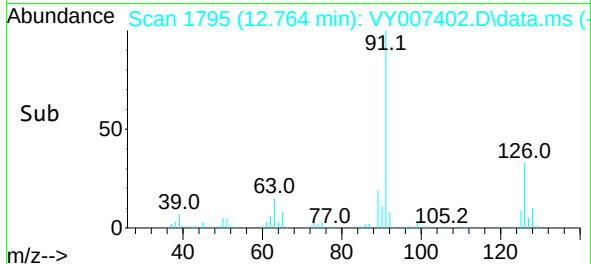
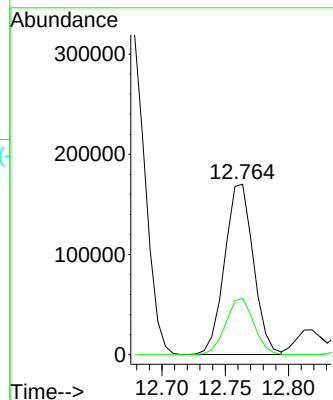
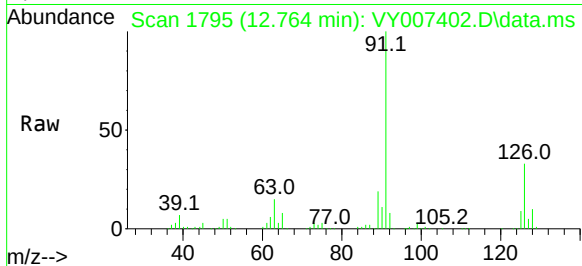




#79
2-Chlorotoluene
Concen: 49.012 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

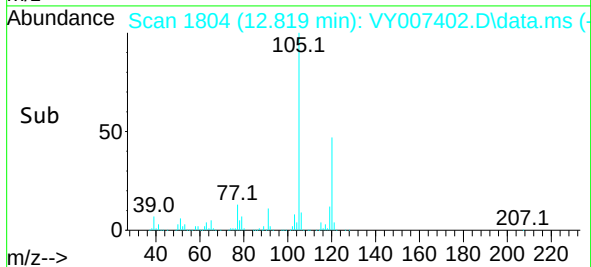
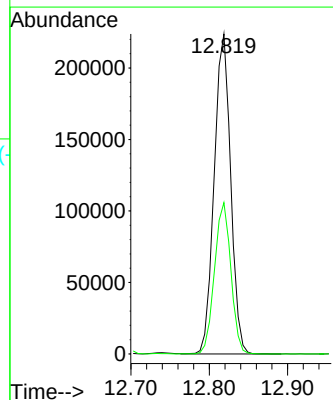
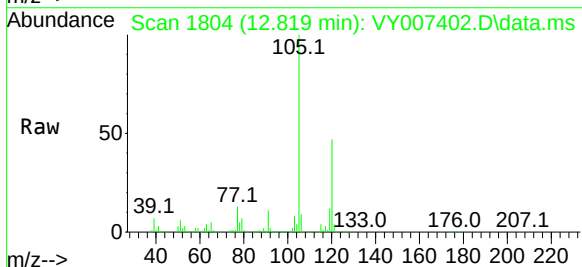
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

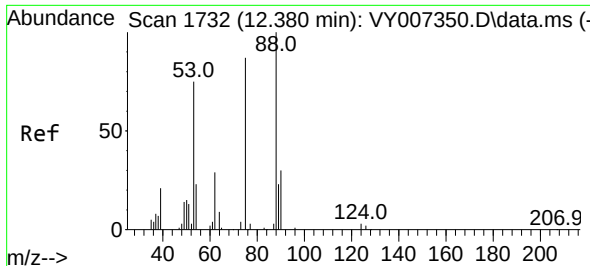
Tgt Ion: 91 Resp: 268951
Ion Ratio Lower Upper
91 100
126 32.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 48.978 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 105 Resp: 326940
Ion Ratio Lower Upper
105 100
120 46.9 24.4 73.4

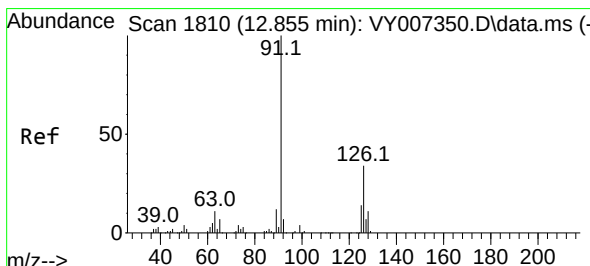
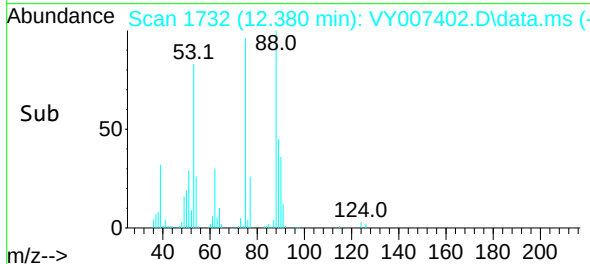
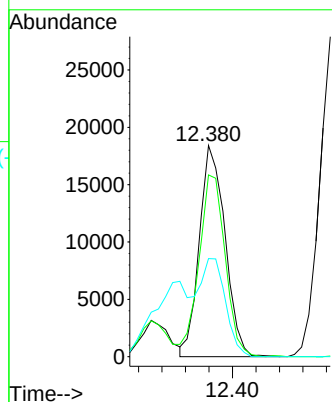
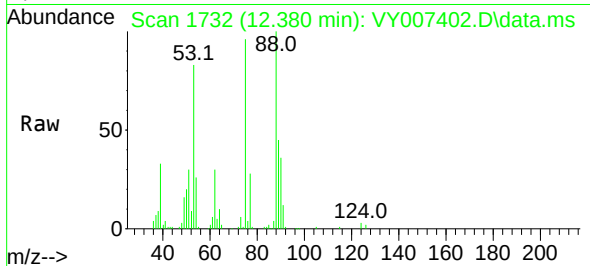




#81
trans-1,4-Dichloro-2-butene
Concen: 52.655 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

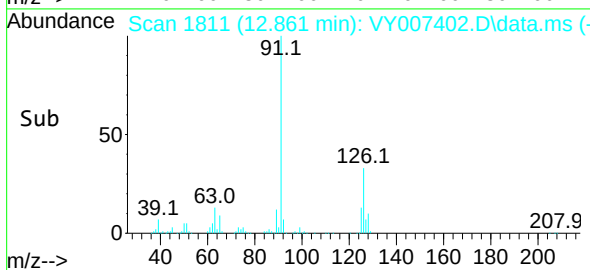
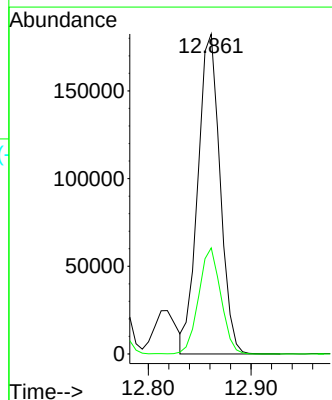
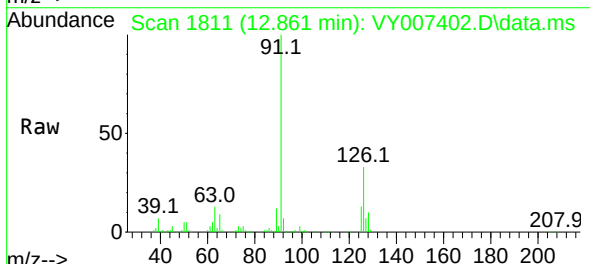
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

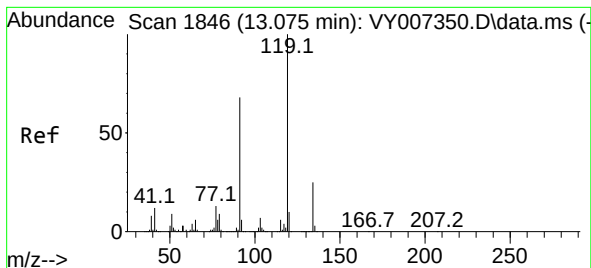
Tgt Ion: 75 Resp: 27975
Ion Ratio Lower Upper
75 100
53 88.8 85.3 127.9
89 44.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.597 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 91 Resp: 273897
Ion Ratio Lower Upper
91 100
126 33.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 49.080 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

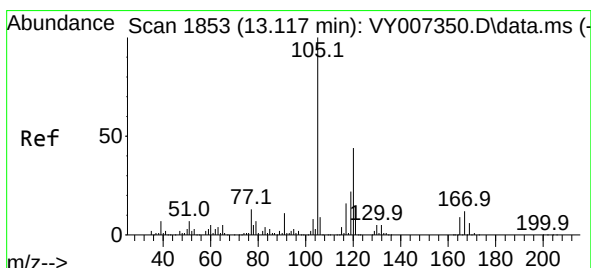
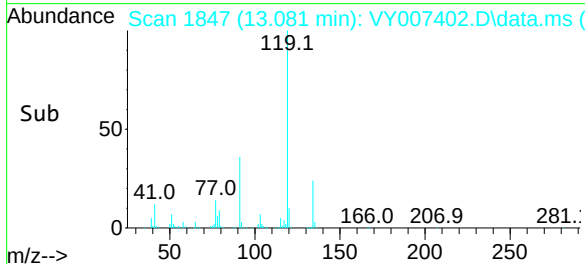
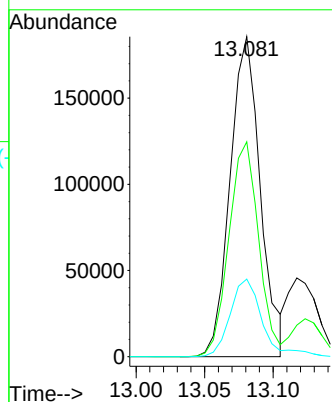
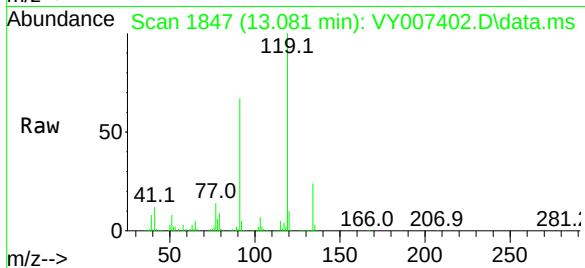
Tgt Ion:119 Resp: 285214

Ion Ratio Lower Upper

119 100

91 66.2 34.8 104.4

134 25.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 48.608 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY007402.D

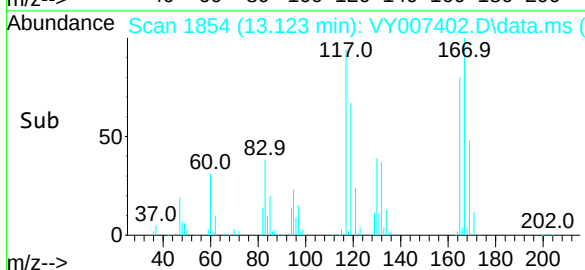
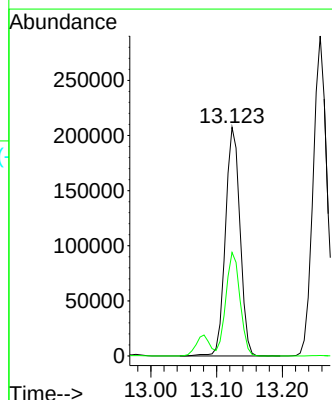
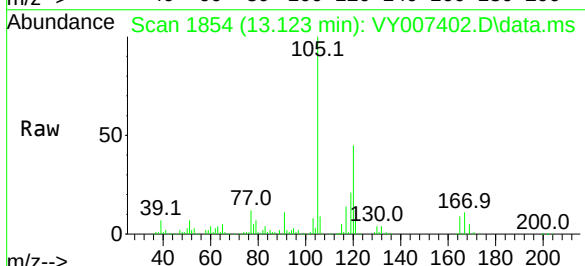
Acq: 07 Feb 2022 09:54

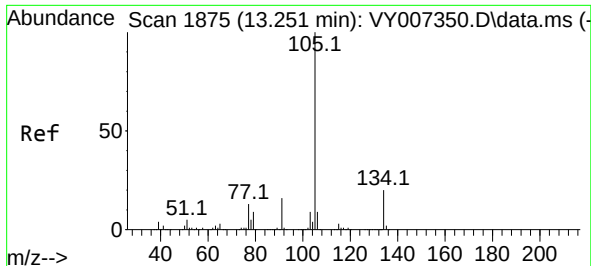
Tgt Ion:105 Resp: 319473

Ion Ratio Lower Upper

105 100

120 43.9 22.3 66.9

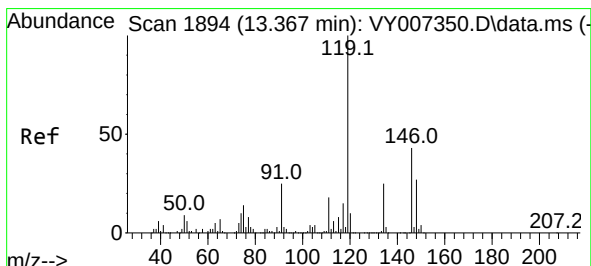
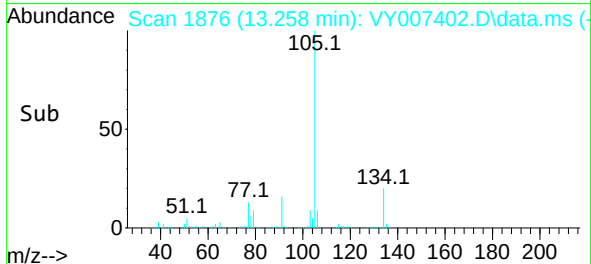
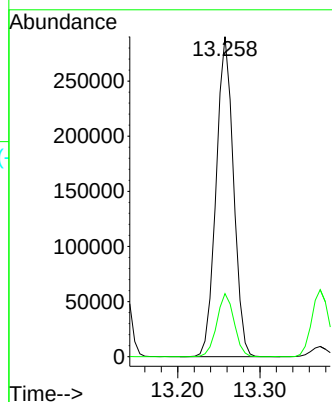
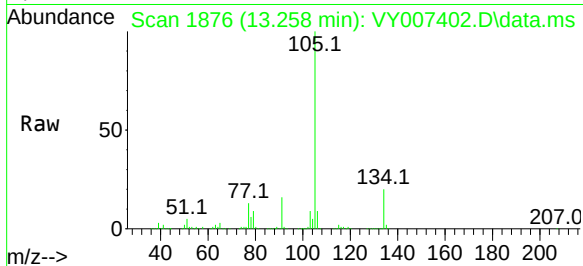




#85
 sec-Butylbenzene
 Concen: 48.853 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY007402.D
 Acq: 07 Feb 2022 09:54

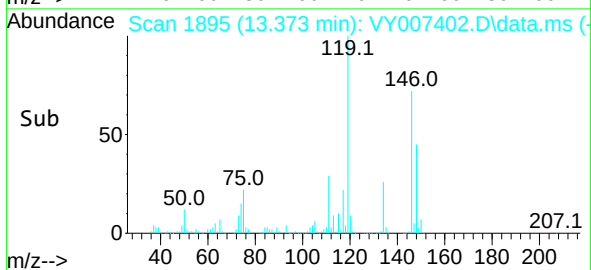
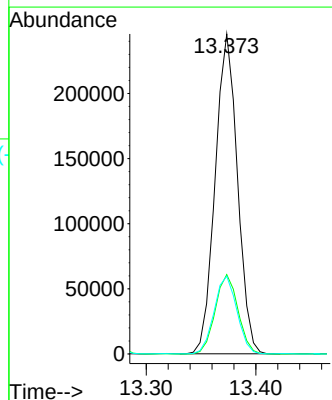
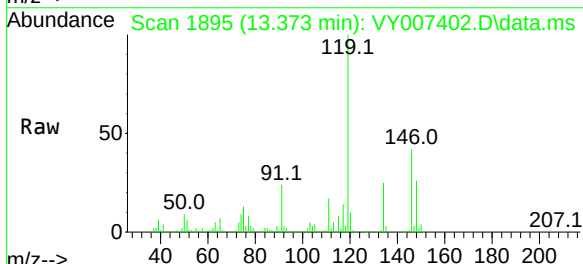
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

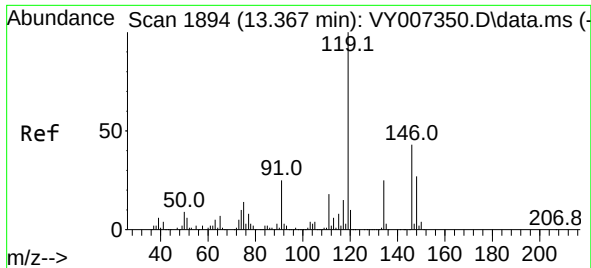
Tgt Ion:105 Resp: 425817
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.877 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007402.D
 Acq: 07 Feb 2022 09:54

Tgt Ion:119 Resp: 347048
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 24.7 12.4 37.2

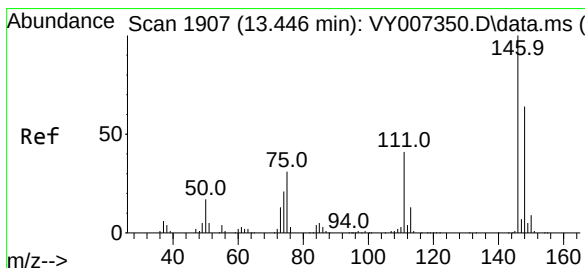
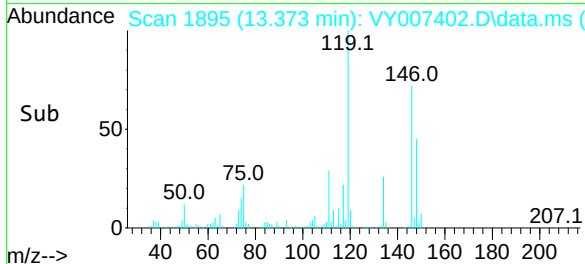
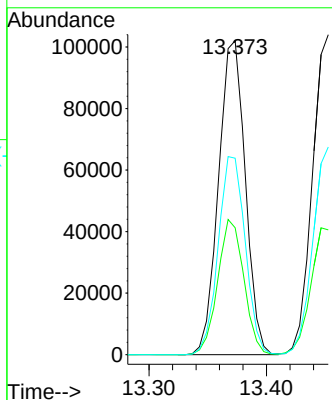
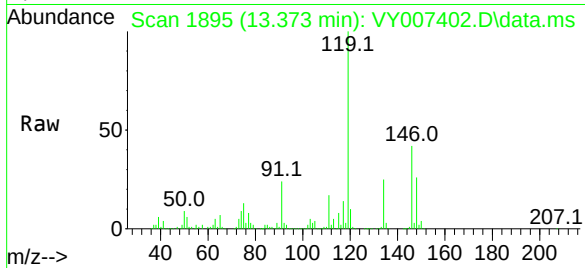




#87
1,3-Dichlorobenzene
Concen: 48.439 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

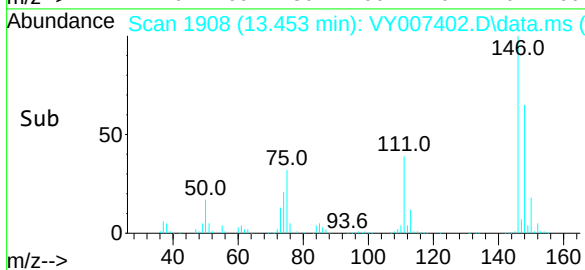
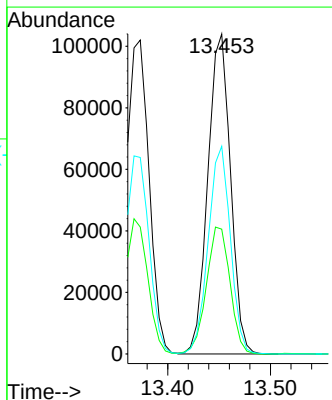
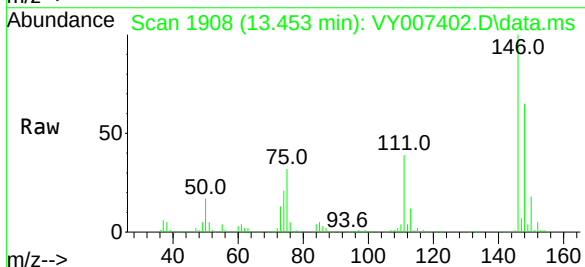
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

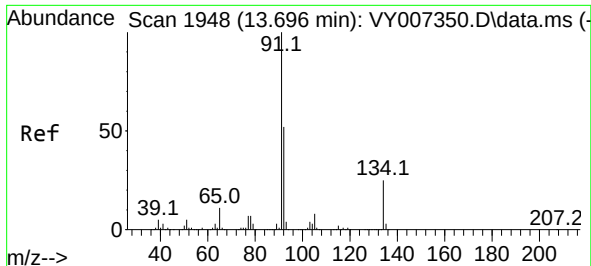
Tgt Ion:146 Resp: 161879
Ion Ratio Lower Upper
146 100
111 42.1 19.5 58.5
148 63.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 47.812 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion:146 Resp: 159277
Ion Ratio Lower Upper
146 100
111 41.4 19.3 57.8
148 63.5 32.6 97.8





#89

n-Butylbenzene

Concen: 49.077 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

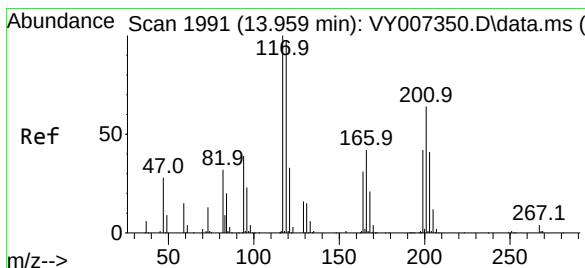
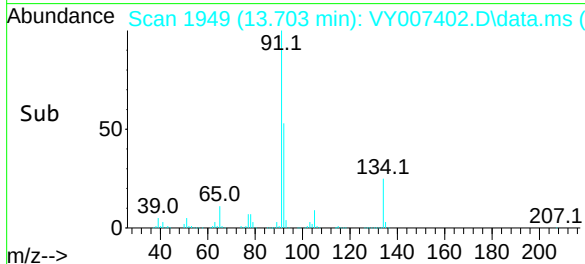
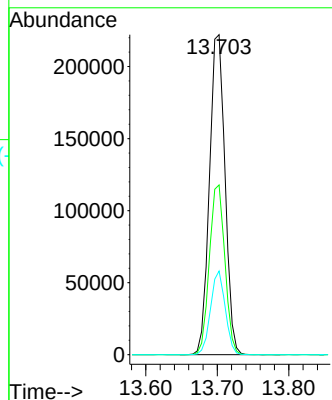
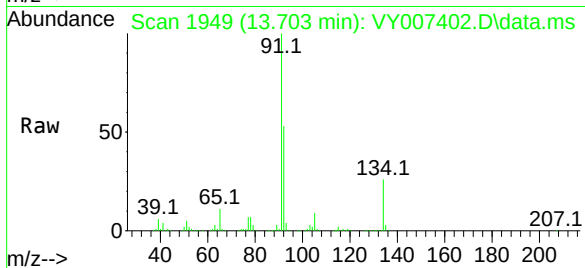
Tgt Ion: 91 Resp: 335397

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 24.7 13.0 38.9



#90

Hexachloroethane

Concen: 49.042 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY007402.D

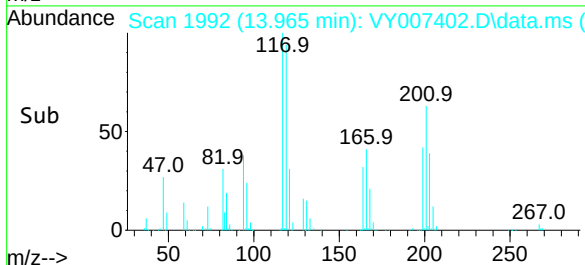
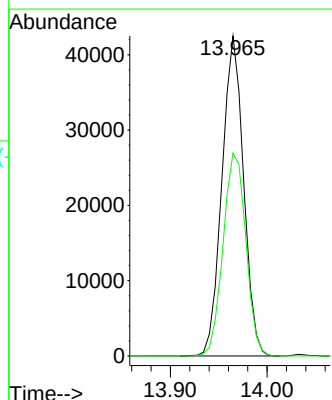
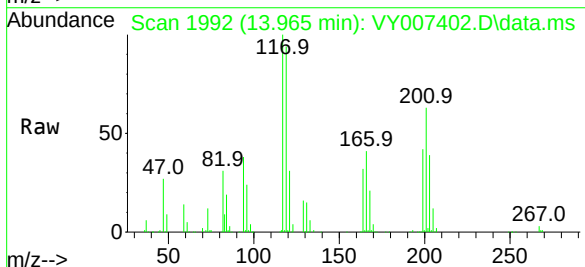
Acq: 07 Feb 2022 09:54

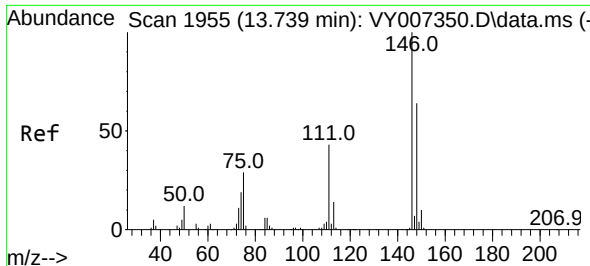
Tgt Ion: 117 Resp: 65808

Ion Ratio Lower Upper

117 100

201 66.9 43.0 128.8

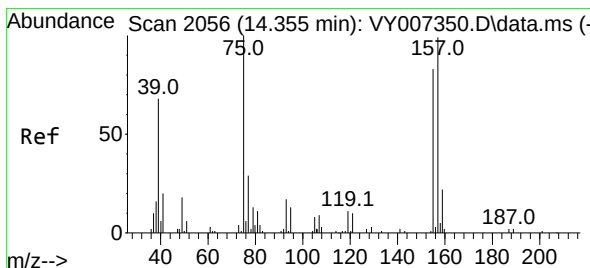
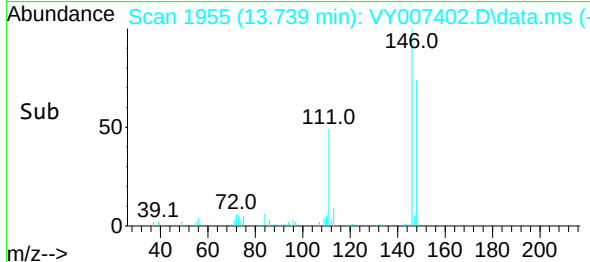
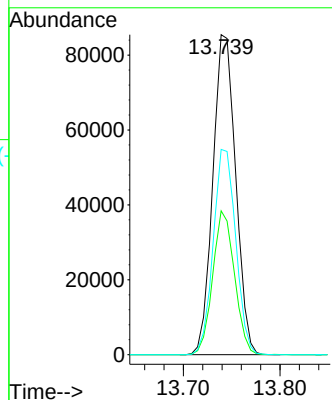
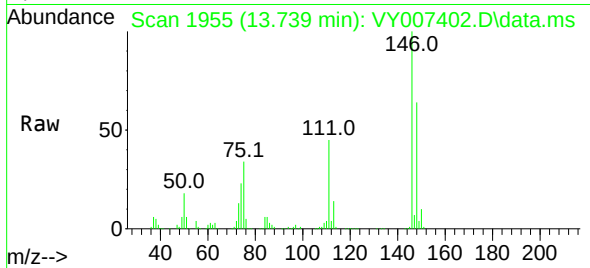




#91
1,2-Dichlorobenzene
Concen: 47.601 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

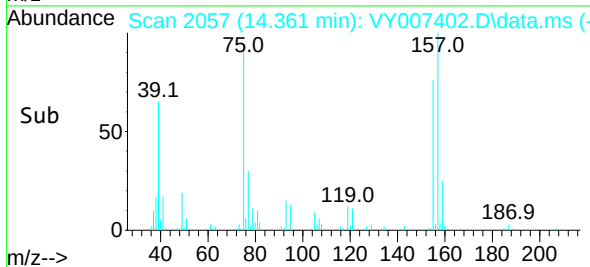
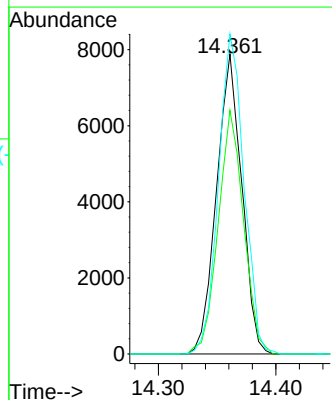
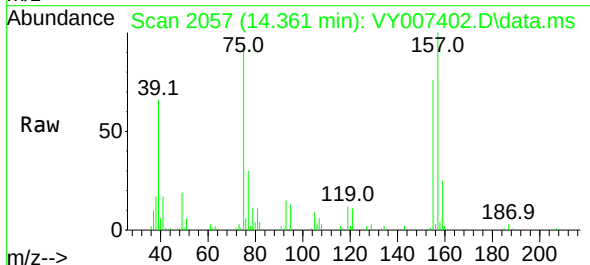
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

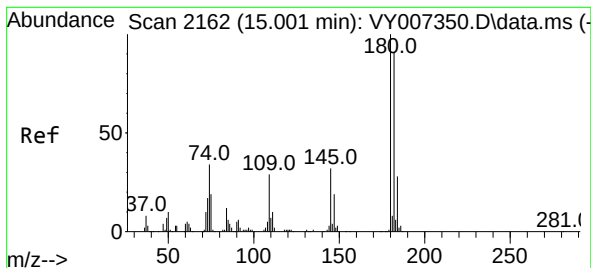
Tgt Ion:146 Resp: 140021
Ion Ratio Lower Upper
146 100
111 43.0 20.3 60.9
148 63.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.440 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007402.D
Acq: 07 Feb 2022 09:54

Tgt Ion: 75 Resp: 11763
Ion Ratio Lower Upper
75 100
155 81.6 38.0 113.9
157 107.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.910 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

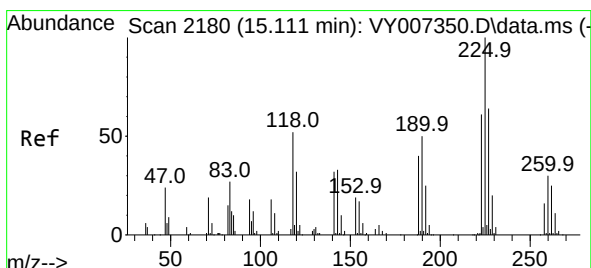
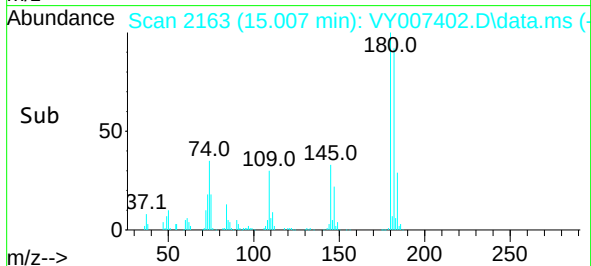
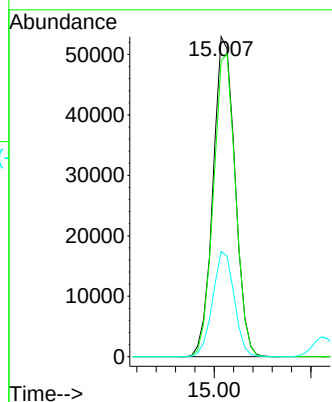
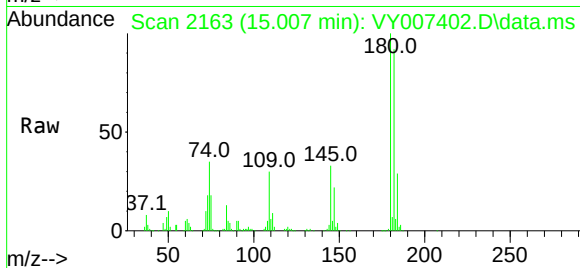
Tgt Ion:180 Resp: 83460

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 32.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.028 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

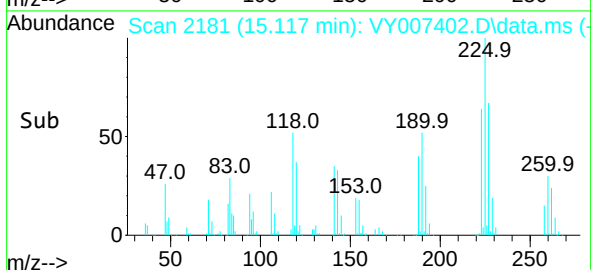
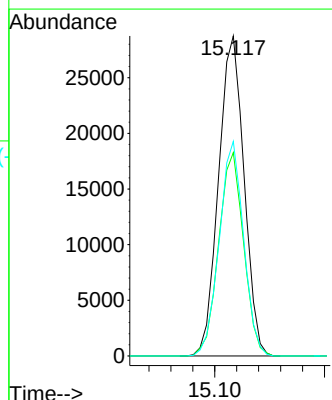
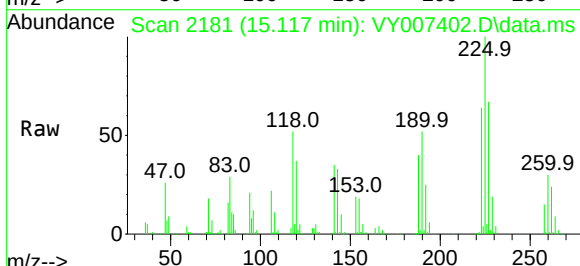
Tgt Ion:225 Resp: 46315

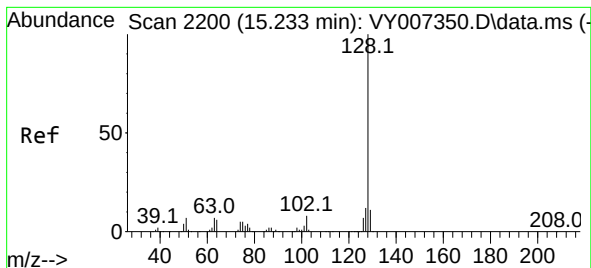
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 50.076 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

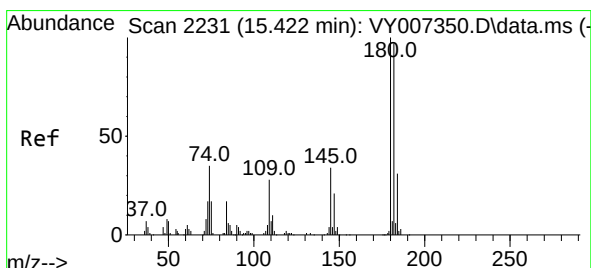
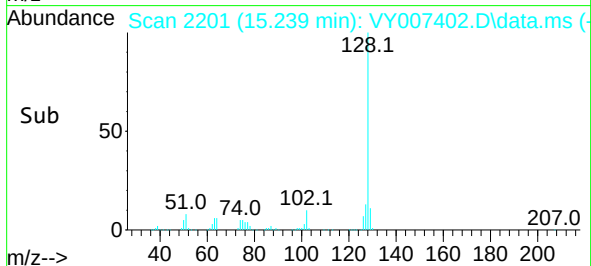
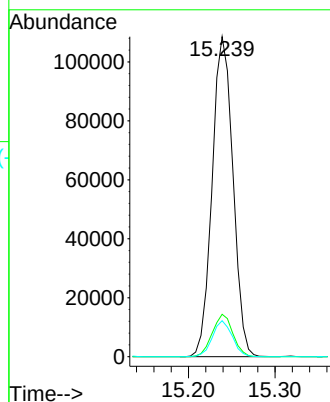
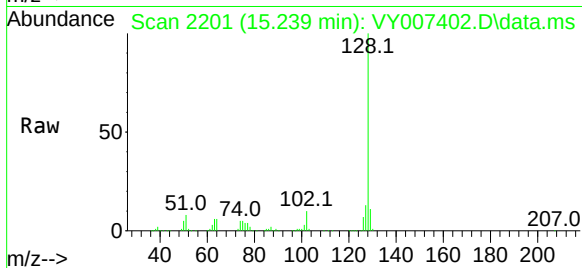
Tgt Ion:128 Resp: 181282

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.931 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007402.D

Acq: 07 Feb 2022 09:54

Tgt Ion:180 Resp: 70481

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 34.7 15.3 45.9

