

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007069.D
 Acq On : 08 Jan 2022 10:51
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 10 02:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 02:57:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	143188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	246108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	217985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98860	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9792	5.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.940%#
35) Dibromofluoromethane	7.728	113	9244	5.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.740%#
50) Toluene-d8	10.185	98	34183	5.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.700%#
62) 4-Bromofluorobenzene	12.483	95	12968	5.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.860%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	2098	4.398	ug/l	78
3) Chloromethane	2.119	50	6182	5.646	ug/l	89
4) Vinyl Chloride	2.266	62	7921	5.795	ug/l	99
5) Bromomethane	2.668	94	5560	6.023	ug/l	95
6) Chloroethane	2.814	64	4749	5.606	ug/l	96
7) Trichlorofluoromethane	3.137	101	9001	5.335	ug/l	95
8) Diethyl Ether	3.534	74	4840	5.270	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.918	101	8577	5.256	ug/l	98
10) Methyl Iodide	4.101	142	13062	5.133	ug/l	99
11) Tert butyl alcohol	4.960	59	3917	26.548	ug/l	98
12) 1,1-Dichloroethene	3.881	96	8892	5.246	ug/l	93
13) Acrolein	3.735	56	1559	34.465	ug/l	87
14) Allyl chloride	4.491	41	13671	5.307	ug/l	98
15) Acrylonitrile	5.174	53	10505	23.549	ug/l	98
16) Acetone	3.954	43	8756	24.406	ug/l #	83
17) Carbon Disulfide	4.204	76	25482	5.142	ug/l	99
18) Methyl Acetate	4.479	43	8459	5.524	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	18883	5.888	ug/l	96
20) Methylene Chloride	4.722	84	13111	4.043	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	9859	5.481	ug/l	97
22) Diisopropyl ether	6.125	45	27496	5.424	ug/l	98
23) Vinyl Acetate	6.070	43	76953	25.035	ug/l	100
24) 1,1-Dichloroethane	6.027	63	16578	5.332	ug/l	97
25) 2-Butanone	6.990	43	13503	25.979	ug/l	95
26) 2,2-Dichloropropane	6.990	77	14594	6.130	ug/l	94
27) cis-1,2-Dichloroethene	6.996	96	10774	5.345	ug/l	96
28) Bromochloromethane	7.344	49	6165	5.457	ug/l	96
29) Tetrahydrofuran	7.356	42	9644	25.257	ug/l	97
30) Chloroform	7.515	83	17603	5.417	ug/l	92
31) Cyclohexane	7.795	56	17952	5.836	ug/l #	87
32) 1,1,1-Trichloroethane	7.710	97	15607	5.410	ug/l	98
36) 1,1-Dichloropropene	7.923	75	13829	5.237	ug/l	99
37) Ethyl Acetate	7.082	43	6867	5.149	ug/l	98
38) Carbon Tetrachloride	7.911	117	14625	5.305	ug/l	99
39) Methylcyclohexane	9.191	83	17286	5.033	ug/l	97
40) Benzene	8.167	78	38041	5.316	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	3911	5.308	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	11416	5.242	ug/l	100
43) Isopropyl Acetate	8.277	43	13179	5.113	ug/l	98
44) Trichloroethene	8.947	130	10725	5.378	ug/l	92
45) 1,2-Dichloropropane	9.215	63	9332	5.347	ug/l	94
46) Dibromomethane	9.307	93	5721	5.419	ug/l	97
47) Bromodichloromethane	9.502	83	14137	5.482	ug/l	93
48) Methyl methacrylate	9.301	41	5527	4.568	ug/l	97
49) 1,4-Dioxane	9.313	88	956	89.797	ug/l #	74
51) 4-Methyl-2-Pentanone	10.075	43	30768	24.123	ug/l	99
52) Toluene	10.252	92	24304	5.293	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	14158	5.111	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	16245	5.266	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	7605	5.250	ug/l	93
56) Ethyl methacrylate	10.514	69	10181	4.918	ug/l	94
57) 1,3-Dichloropropane	10.794	76	13320	5.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	25827	28.296	ug/l	98
59) 2-Hexanone	10.837	43	19822	23.858	ug/l	100
60) Dibromochloromethane	10.990	129	9417	5.298	ug/l	94
61) 1,2-Dibromoethane	11.093	107	7719	5.322	ug/l	93
64) Tetrachloroethene	10.727	164	8234	5.106	ug/l	90
65) Chlorobenzene	11.520	112	24969	5.166	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	9437	5.427	ug/l	98
67) Ethyl Benzene	11.599	91	47224	5.268	ug/l	98
68) m/p-Xylenes	11.709	106	35553	10.457	ug/l	99
69) o-Xylene	12.032	106	16486	5.165	ug/l	97
70) Styrene	12.050	104	27315	5.040	ug/l	99
71) Bromoform	12.215	173	5196	5.008	ug/l #	97
73) Isopropylbenzene	12.337	105	44331	5.152	ug/l	99
74) N-amyl acetate	12.148	43	10997	4.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	8538	5.224	ug/l	94
76) 1,2,3-Trichloropropane	12.636	75	11347	9.430	ug/l #	100
77) Bromobenzene	12.617	156	10268	5.490	ug/l	96
78) n-propylbenzene	12.678	91	54121	5.163	ug/l	97
79) 2-Chlorotoluene	12.764	91	31474	5.277	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	36774	5.171	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	3092	4.698	ug/l #	97
82) 4-Chlorotoluene	12.861	91	32043	5.162	ug/l	98
83) tert-Butylbenzene	13.081	119	32286	5.150	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	36313	5.190	ug/l	98
85) sec-Butylbenzene	13.257	105	47509	5.204	ug/l	100
86) p-Isopropyltoluene	13.373	119	38796	5.173	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	19460	5.349	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	19592	5.399	ug/l	94
89) n-Butylbenzene	13.702	91	37271	5.141	ug/l	100
90) Hexachloroethane	13.965	117	7863	5.266	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	16926	5.269	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1413	4.657	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	9782	5.020	ug/l	99
94) Hexachlorobutadiene	15.117	225	5310	5.231	ug/l	98
95) Naphthalene	15.239	128	19808	4.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	8304	4.953	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Mon Jan 10 02:57:38 2022
Response via : Initial Calibration

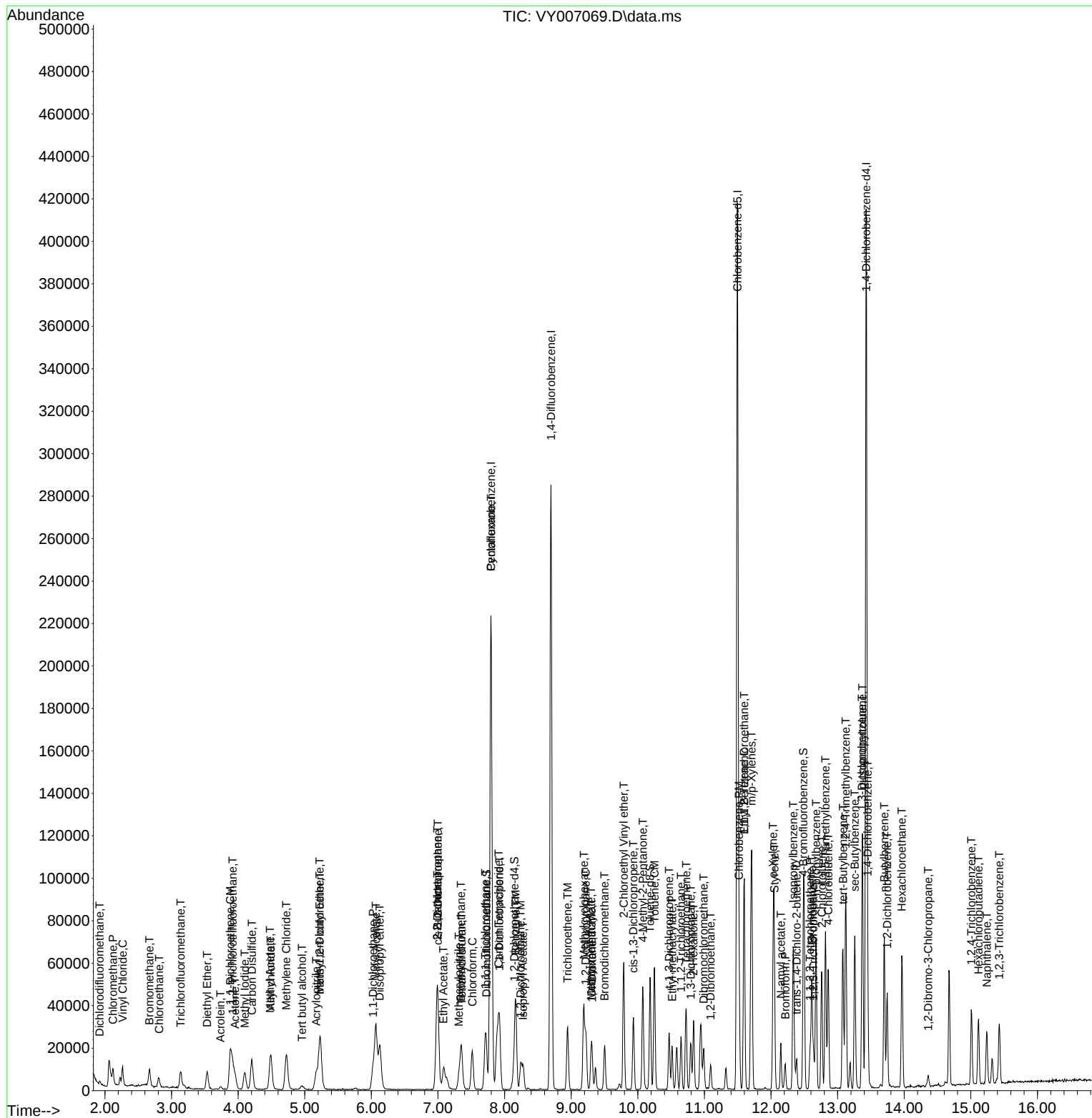
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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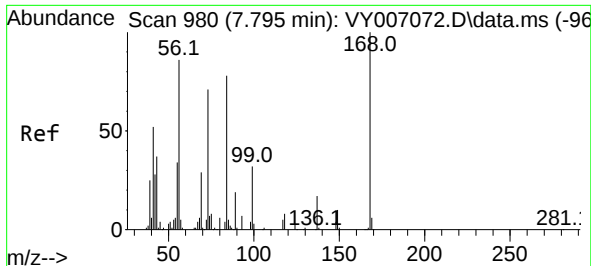
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 Data File : VY007069.D
 Acq On : 08 Jan 2022 10:51
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

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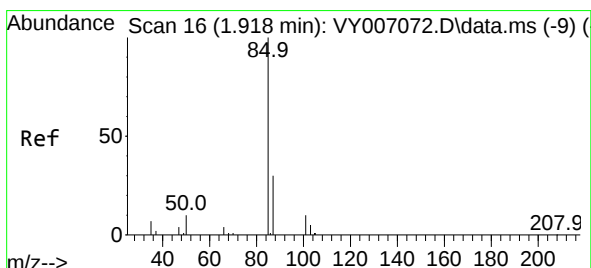
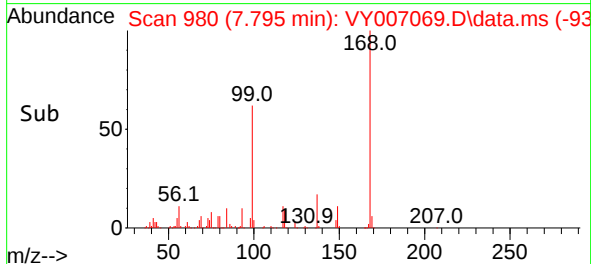
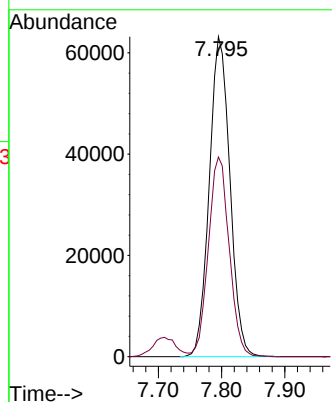
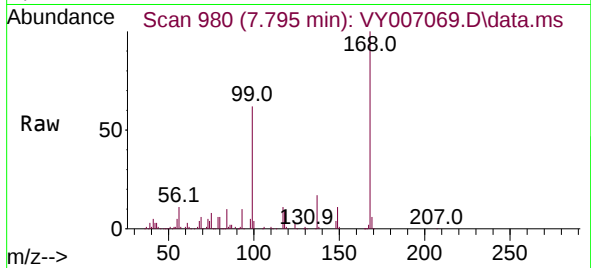




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007069.D
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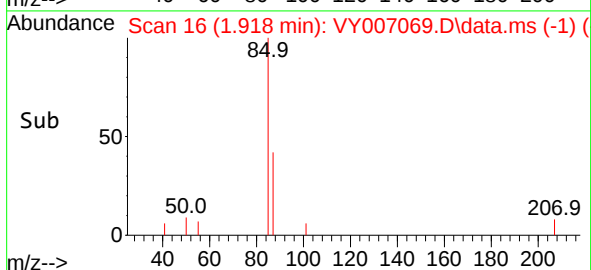
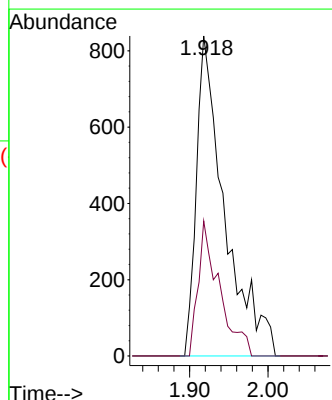
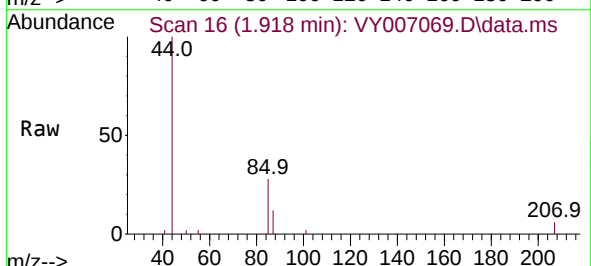
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

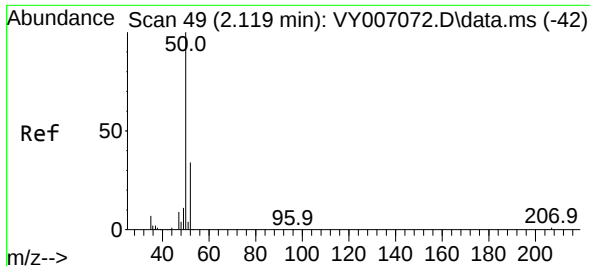
Tgt Ion:168 Resp: 143188
Ion Ratio Lower Upper
168 100
99 62.4 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 4.398 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 85 Resp: 2098
Ion Ratio Lower Upper
85 100
87 42.2 15.2 45.6

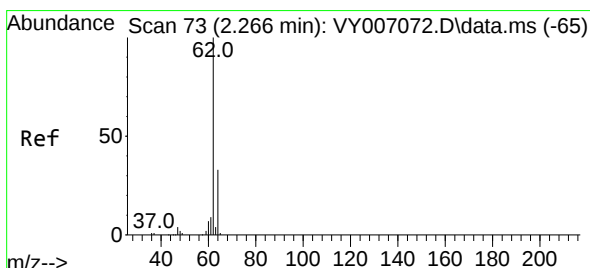
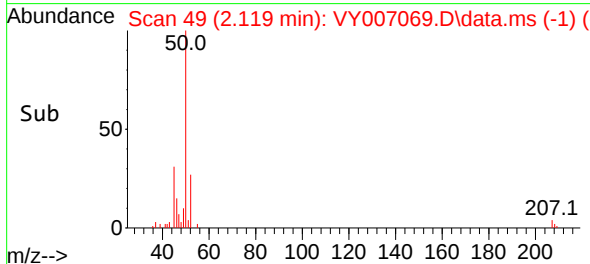
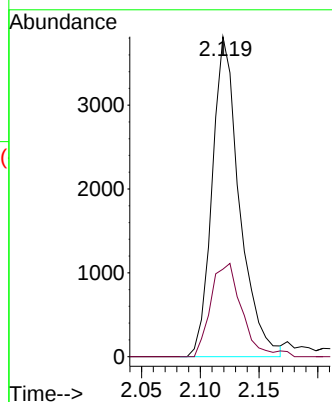
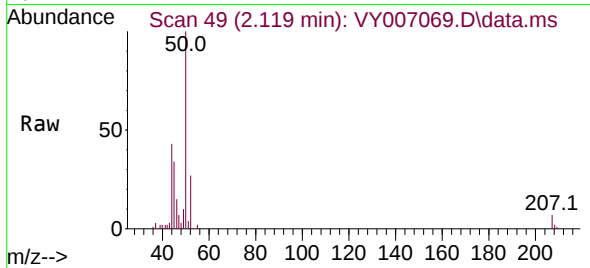




#3
Chloromethane
Concen: 5.646 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

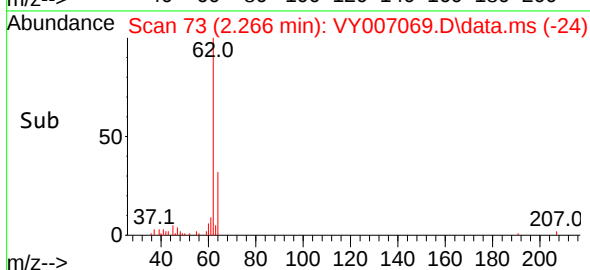
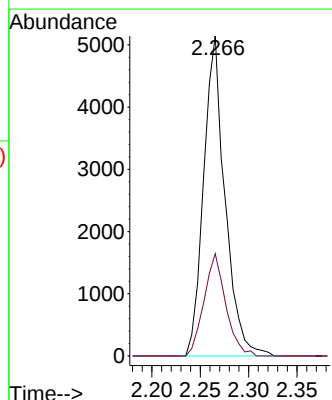
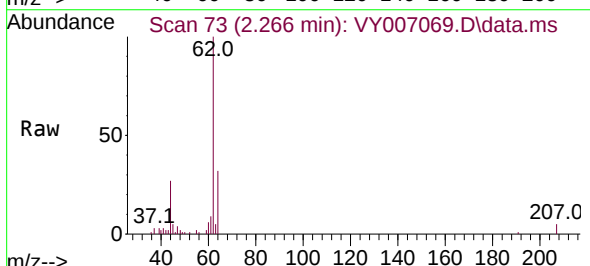
Instrument :
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ClientSampleId :
VSTDICC005

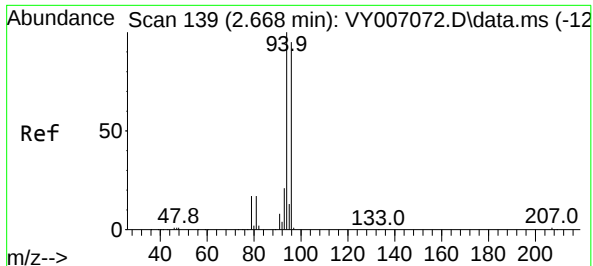
Tgt Ion: 50 Resp: 6182
Ion Ratio Lower Upper
50 100
52 27.4 27.1 40.7



#4
Vinyl Chloride
Concen: 5.795 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 62 Resp: 7921
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

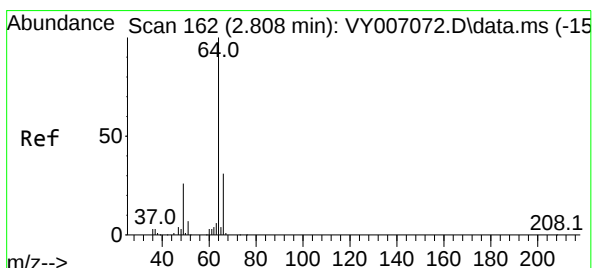
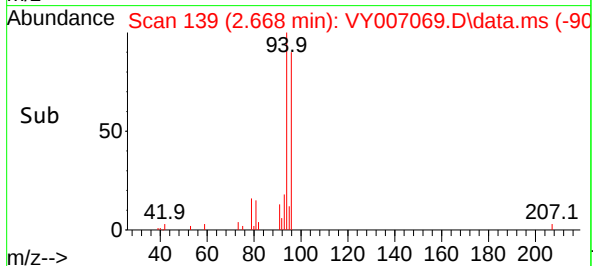
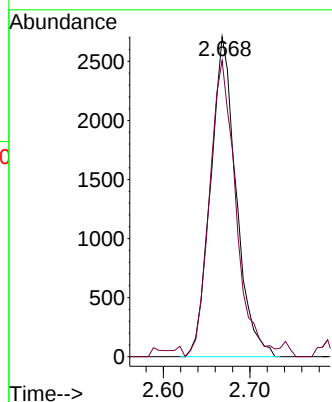
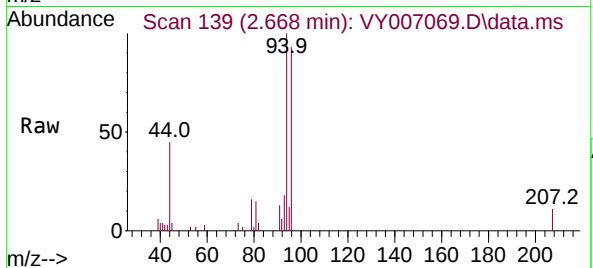




#5
Bromomethane
Concen: 6.023 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007069.D
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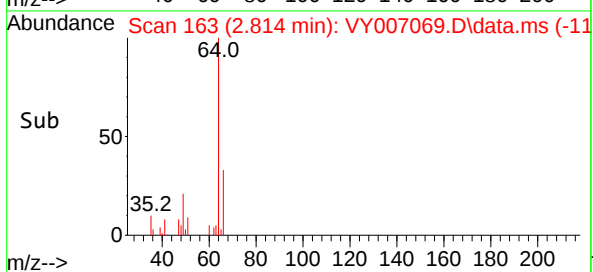
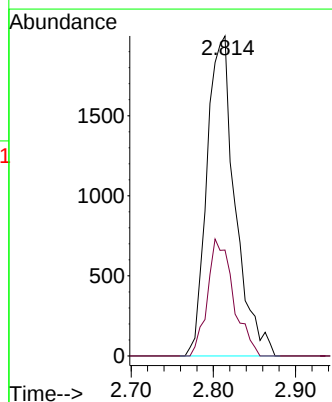
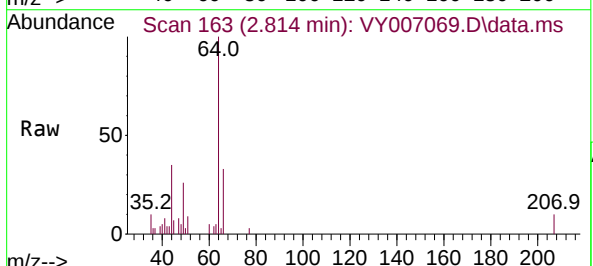
Instrument :
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VSTDIC005

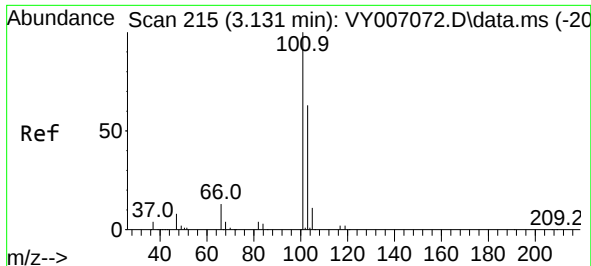
Tgt Ion: 94 Resp: 5560
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6



#6
Chloroethane
Concen: 5.606 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 64 Resp: 4749
Ion Ratio Lower Upper
64 100
66 33.1 24.8 37.2

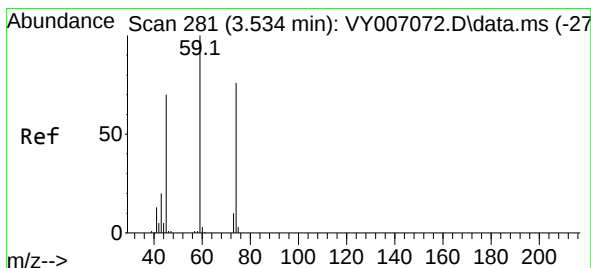
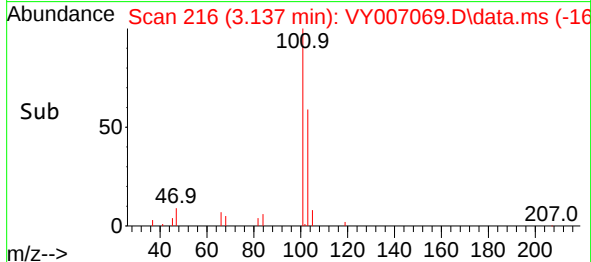
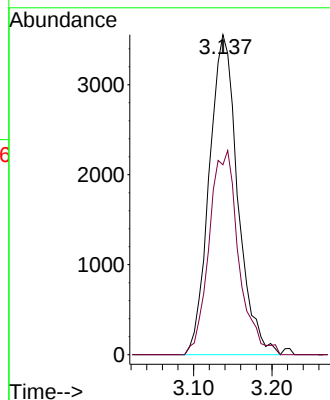
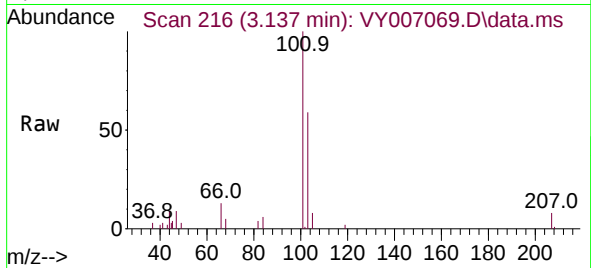




#7
 Trichlorofluoromethane
 Concen: 5.335 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY007069.D
 Acq: 08 Jan 2022 10:51

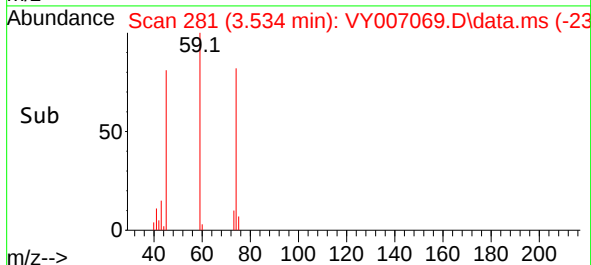
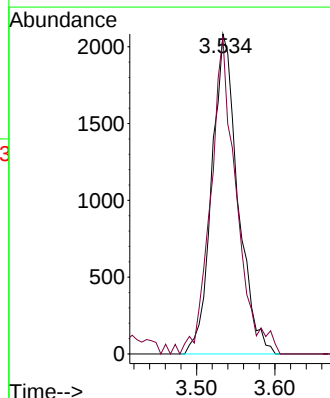
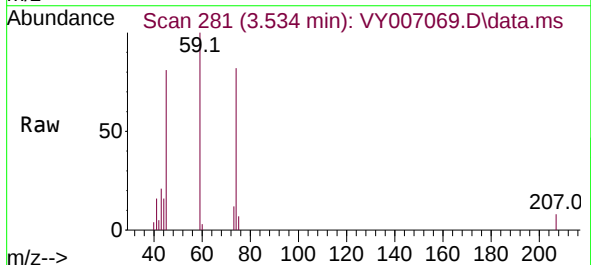
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

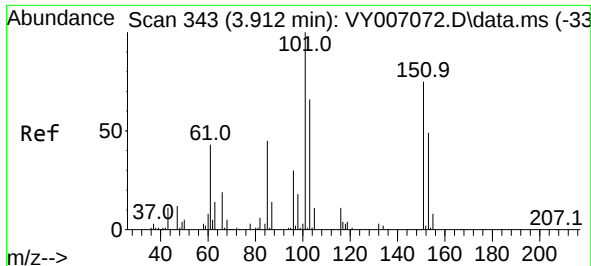
Tgt Ion:101 Resp: 9001
 Ion Ratio Lower Upper
 101 100
 103 59.3 50.6 76.0



#8
 Diethyl Ether
 Concen: 5.270 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY007069.D
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Tgt Ion: 74 Resp: 4840
 Ion Ratio Lower Upper
 74 100
 45 97.5 46.1 138.3

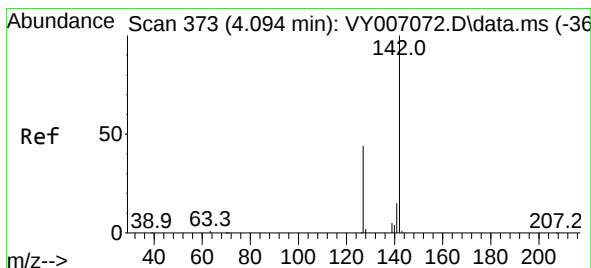
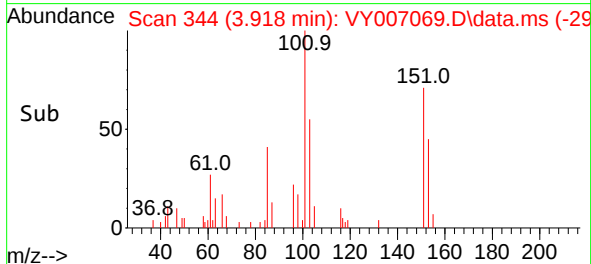
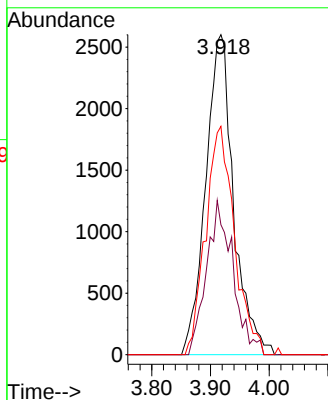
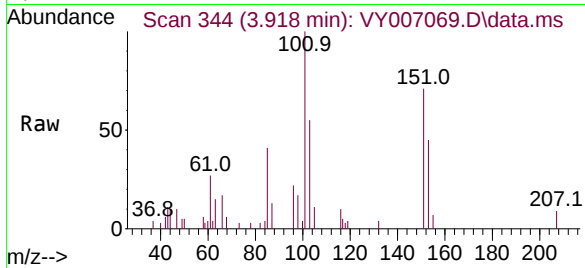




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.256 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

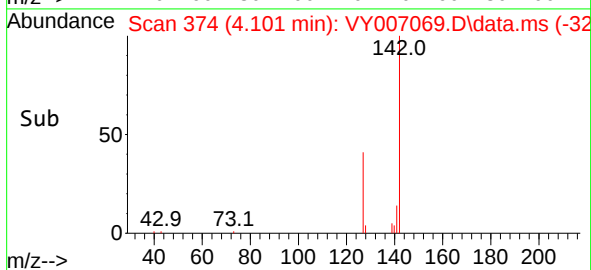
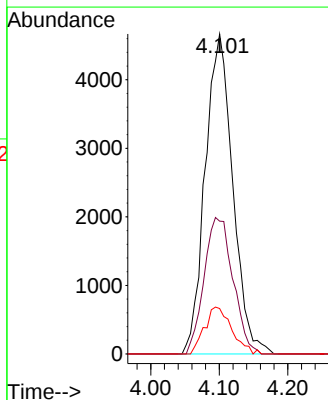
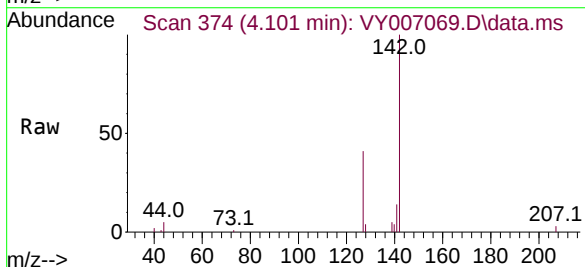
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

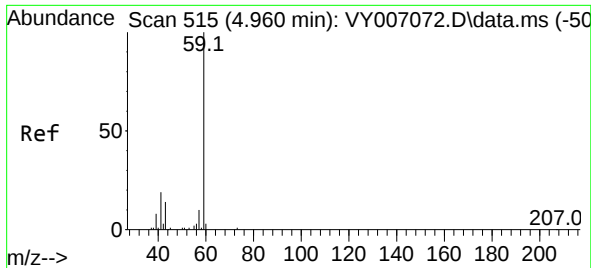
Tgt Ion:101 Resp: 8577
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.0
151 73.5 60.4 90.6



#10
Methyl Iodide
Concen: 5.133 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion:142 Resp: 13062
Ion Ratio Lower Upper
142 100
127 44.6 36.2 54.4
141 14.5 11.5 17.3

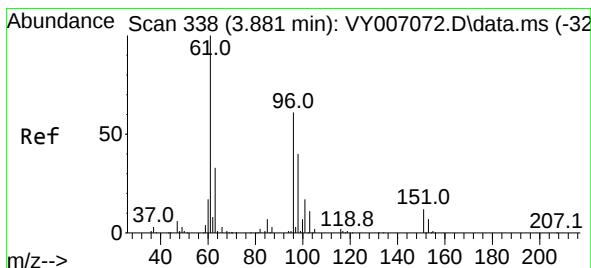
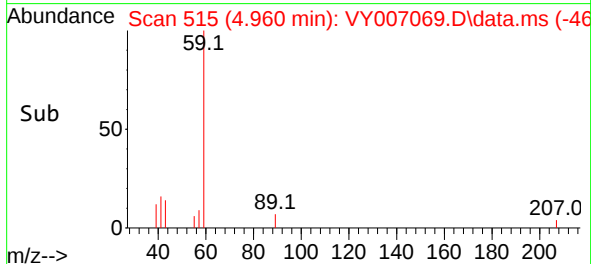
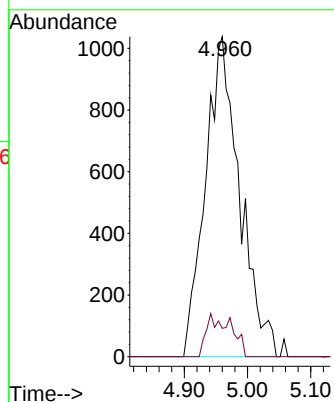
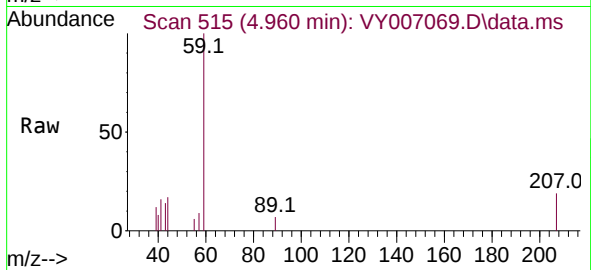




#11
Tert butyl alcohol
Concen: 26.548 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

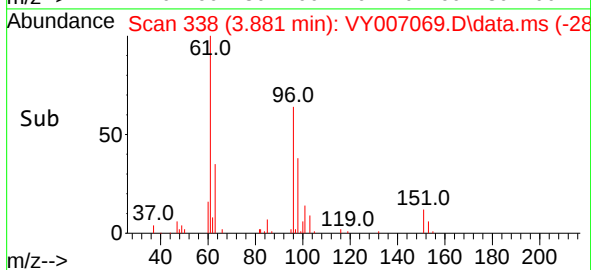
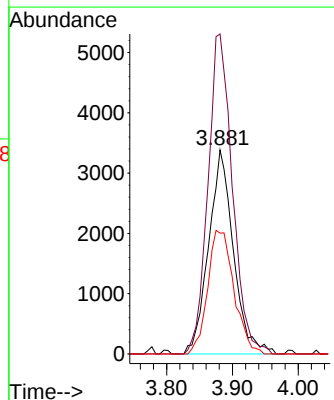
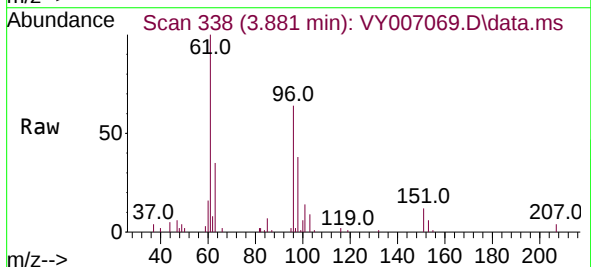
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

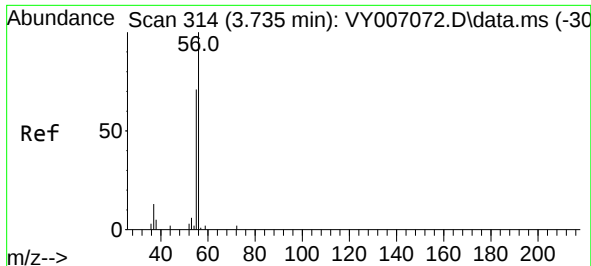
Tgt Ion: 59 Resp: 3917
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 5.246 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 96 Resp: 8892
Ion Ratio Lower Upper
96 100
61 156.8 131.9 197.9
98 59.2 52.7 79.1

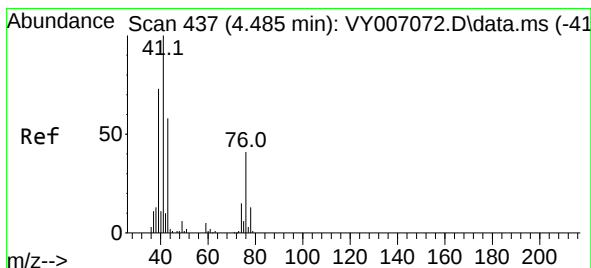
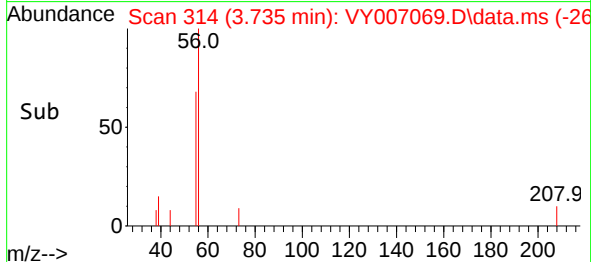
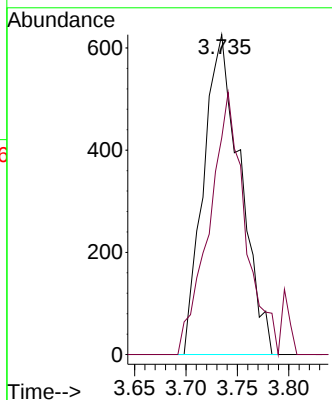
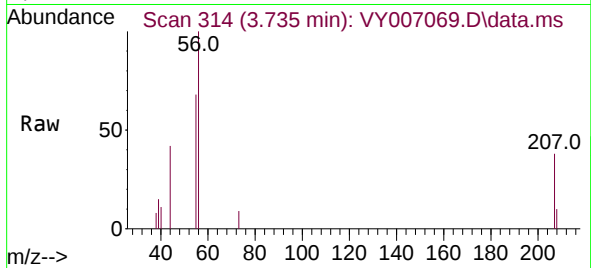




#13
Acrolein
Concen: 34.465 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

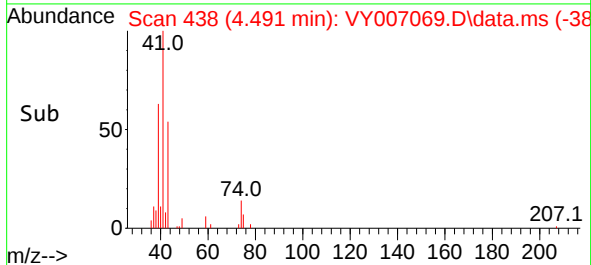
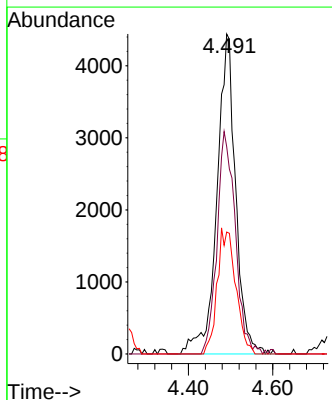
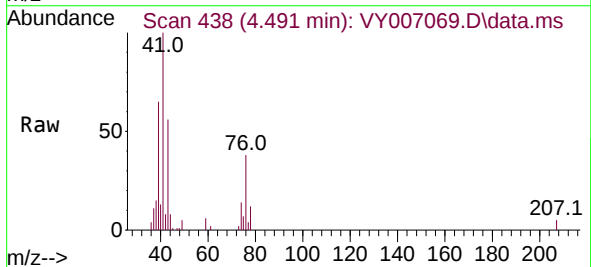
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

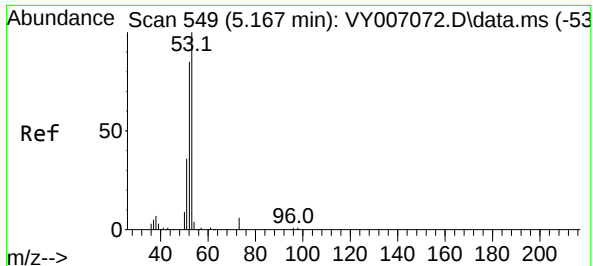
Tgt Ion: 56 Resp: 1559
Ion Ratio Lower Upper
56 100
55 80.1 55.7 83.5



#14
Allyl chloride
Concen: 5.307 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 41 Resp: 13671
Ion Ratio Lower Upper
41 100
39 67.7 56.1 84.1
76 38.7 31.4 47.2

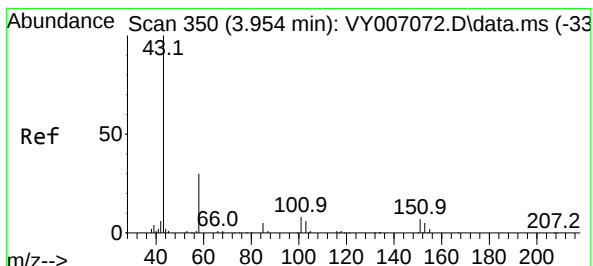
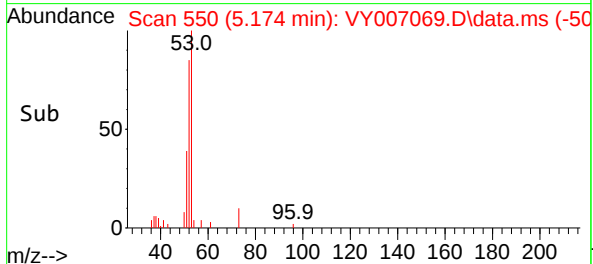
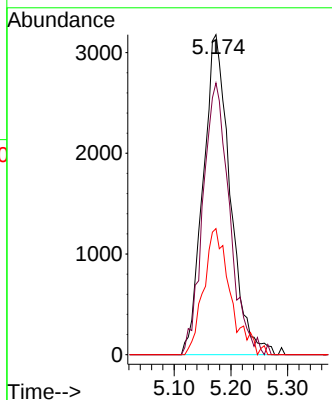
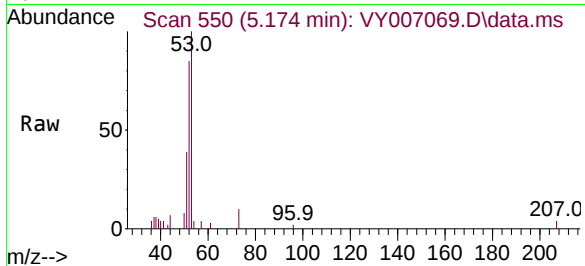




#15
Acrylonitrile
Concen: 23.549 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

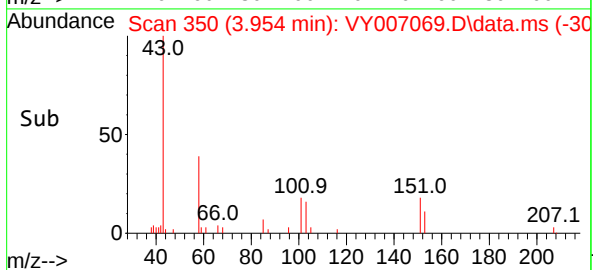
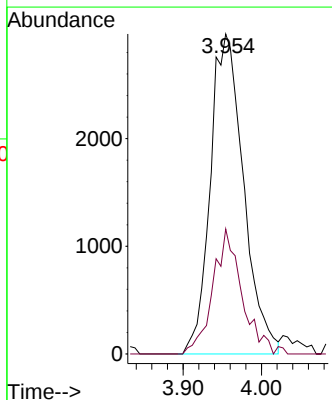
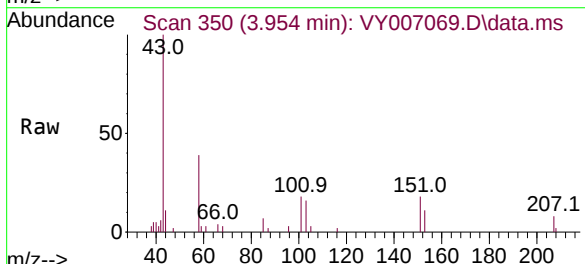
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

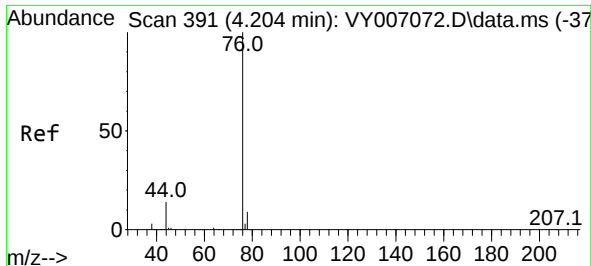
Tgt Ion: 53	Resp: 10505
Ion Ratio	Lower Upper
53 100	
52 83.3	65.4 98.2
51 39.0	29.4 44.2



#16
Acetone
Concen: 24.406 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 43	Resp: 8756		
Ion Ratio	Lower	Upper	
43 100			
58 39.1	23.8	35.6#	

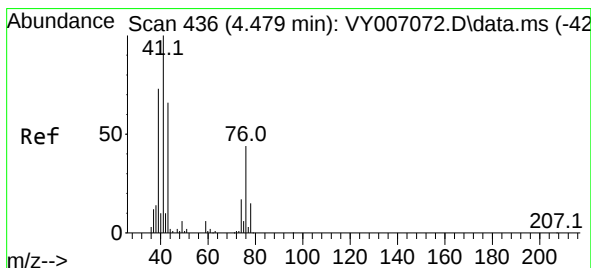
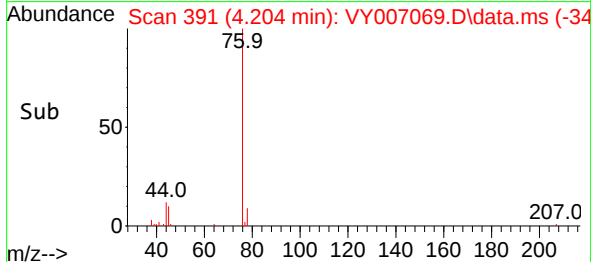
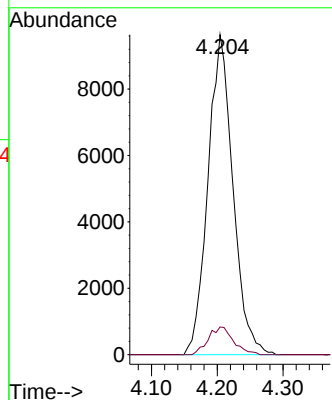
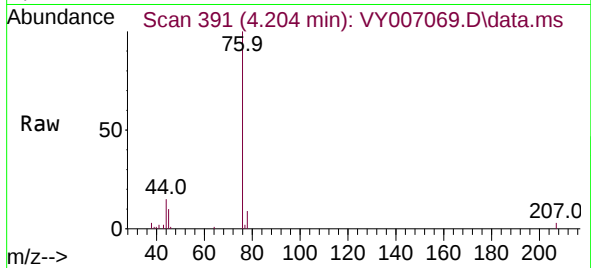




#17
Carbon Disulfide
Concen: 5.142 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

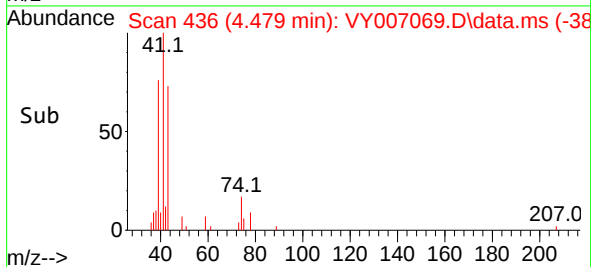
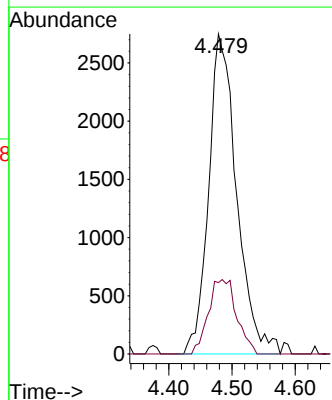
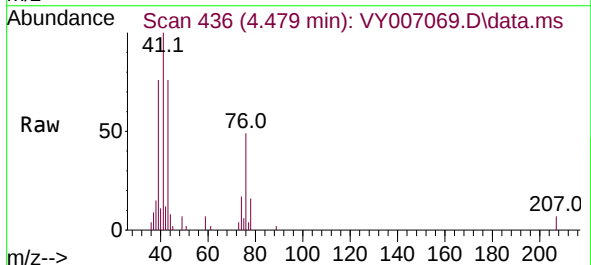
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

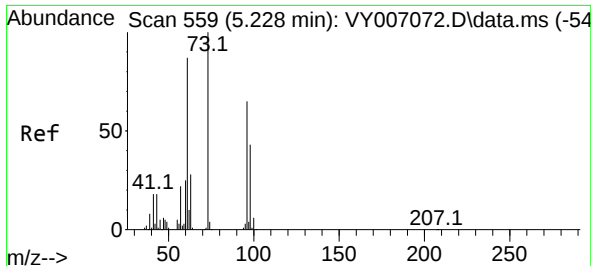
Tgt Ion: 76 Resp: 25482
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 5.524 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 43 Resp: 8459
Ion Ratio Lower Upper
43 100
74 23.4 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 5.888 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

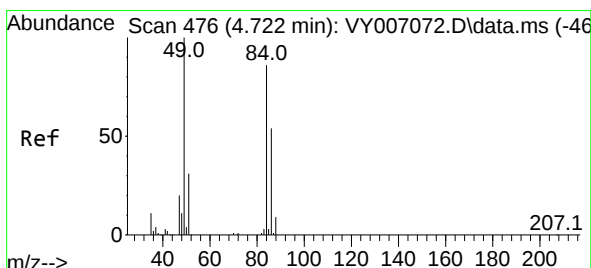
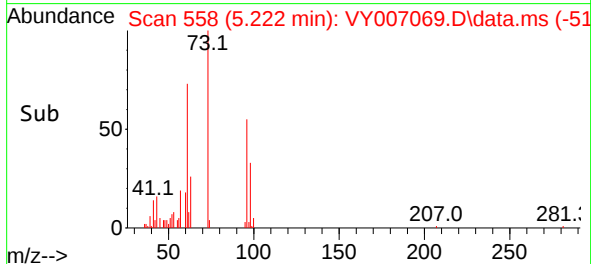
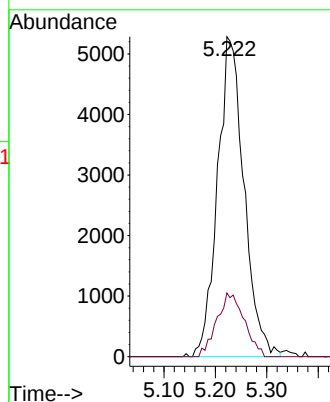
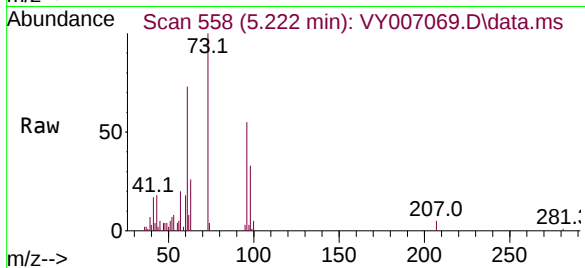
VSTDIC005

Tgt Ion: 73 Resp: 18883

Ion Ratio Lower Upper

73 100

57 19.9 17.4 26.2



#20

Methylene Chloride

Concen: 4.043 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Tgt Ion: 84 Resp: 13111

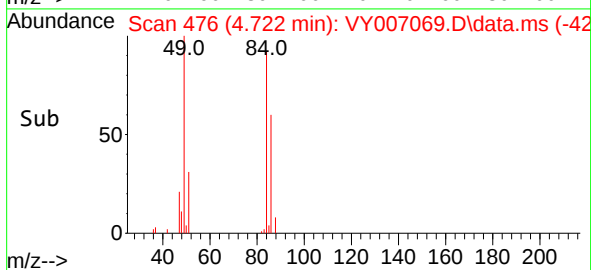
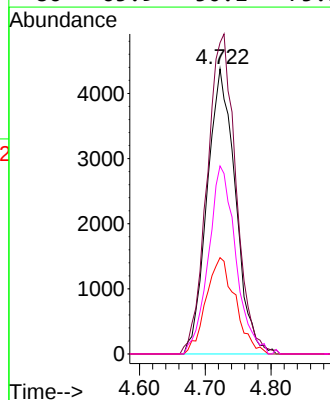
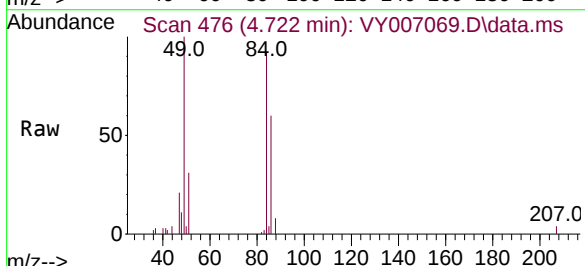
Ion Ratio Lower Upper

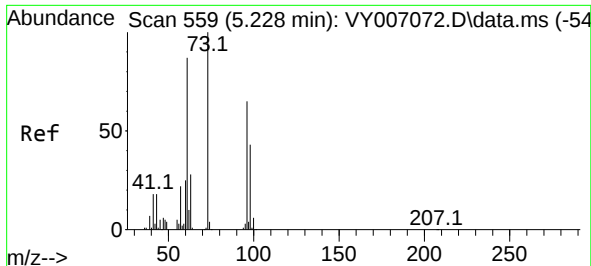
84 100

49 109.1 92.6 139.0

51 33.8 28.6 42.8

86 65.9 50.1 75.1

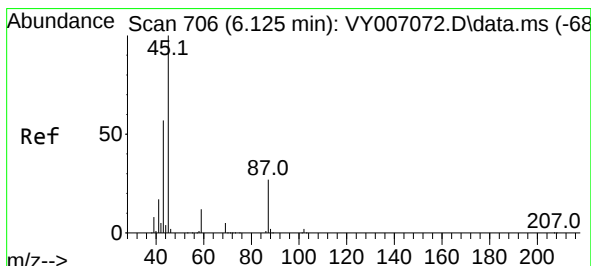
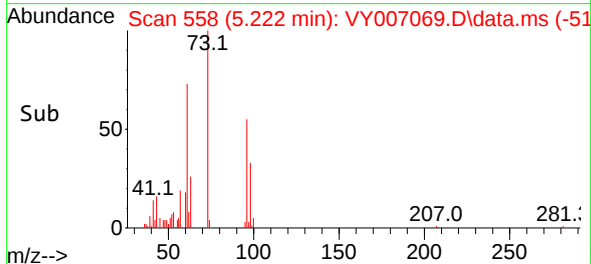
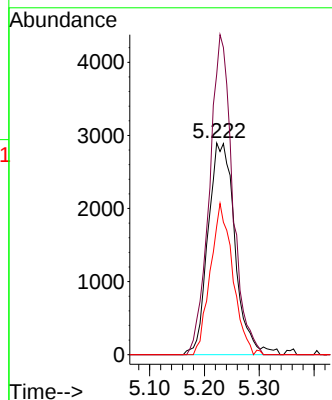
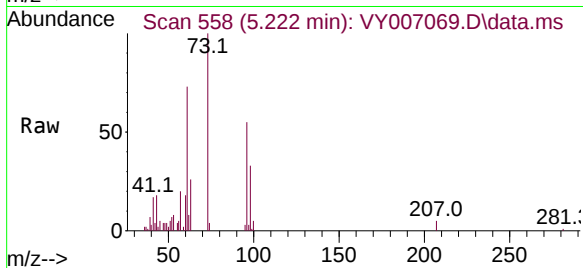




#21
trans-1,2-Dichloroethene
Concen: 5.481 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

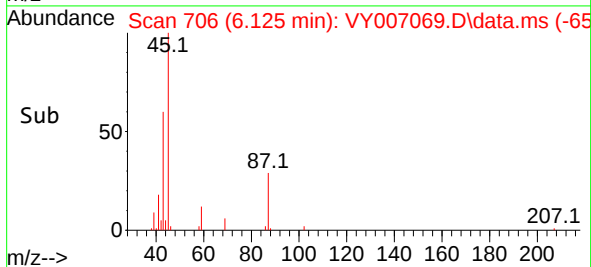
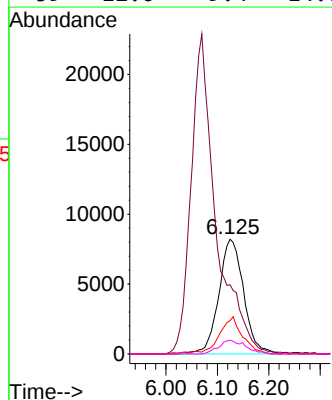
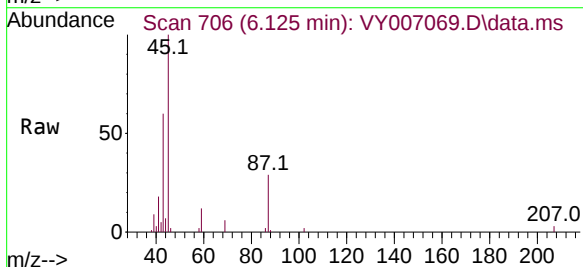
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

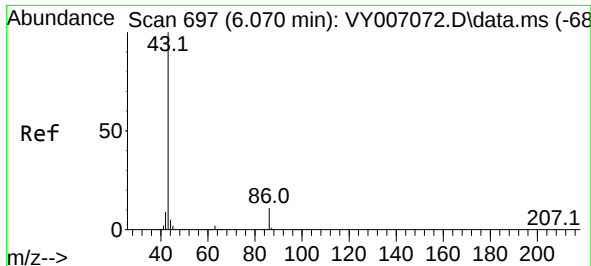
Tgt Ion: 96 Resp: 9859
Ion Ratio Lower Upper
96 100
61 132.3 107.3 160.9
98 60.6 52.4 78.6



#22
Diisopropyl ether
Concen: 5.424 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 45 Resp: 27496
Ion Ratio Lower Upper
45 100
43 58.7 45.6 68.4
87 29.1 22.2 33.2
59 12.0 9.4 14.0

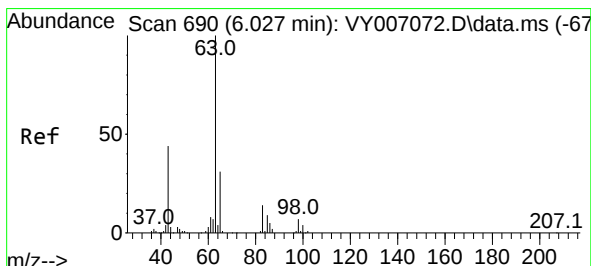
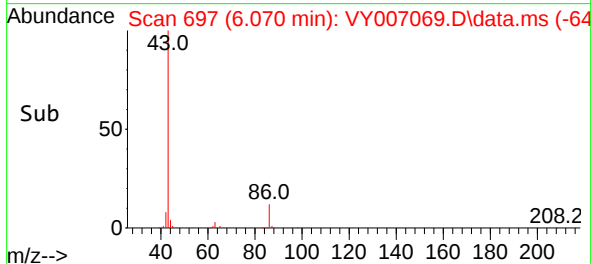
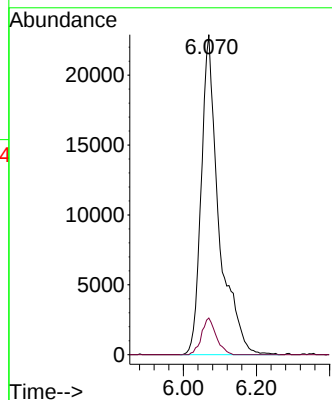
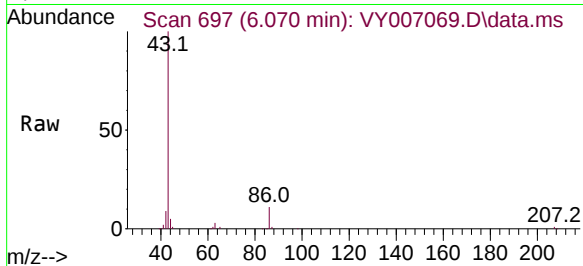




#23
 Vinyl Acetate
 Concen: 25.035 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY007069.D
 Acq: 08 Jan 2022 10:51

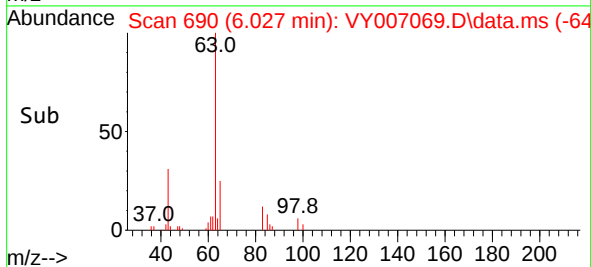
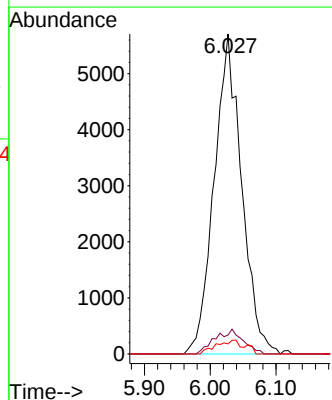
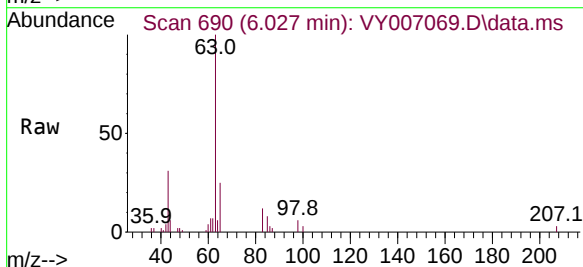
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

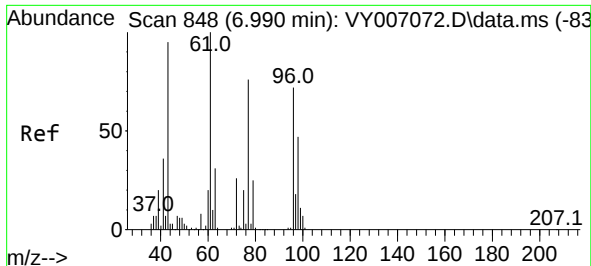
Tgt Ion: 43 Resp: 76953
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 5.332 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY007069.D
 Acq: 08 Jan 2022 10:51

Tgt Ion: 63 Resp: 16578
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.6
 100 3.2 2.1 6.2

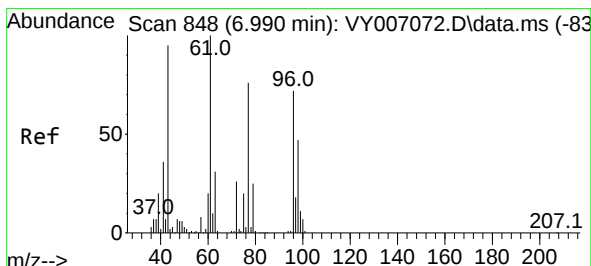
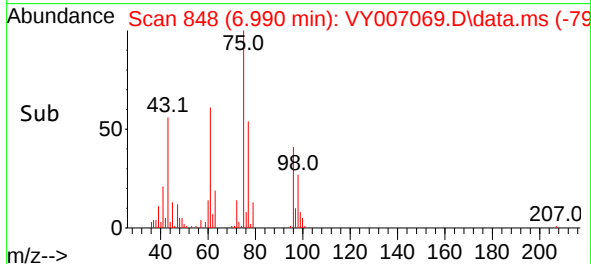
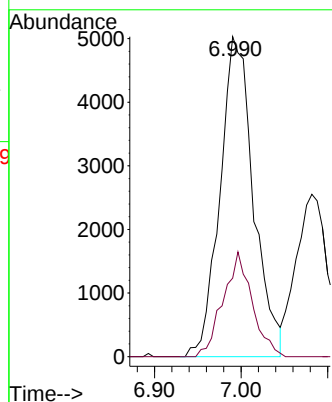
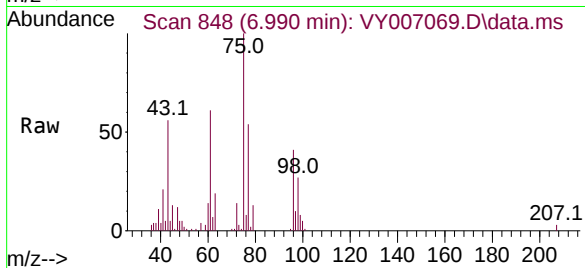




#25
2-Butanone
Concen: 25.979 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

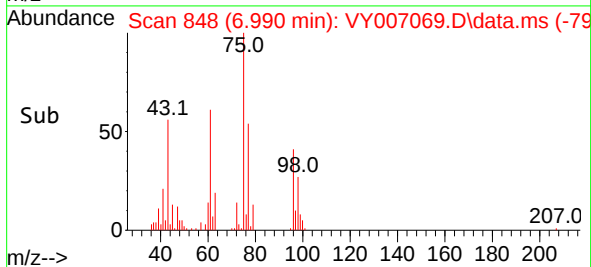
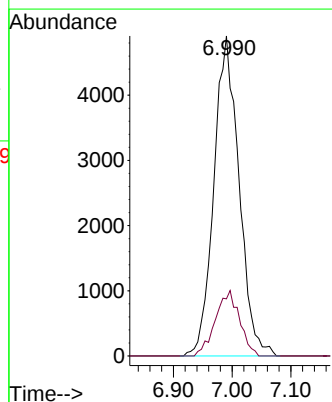
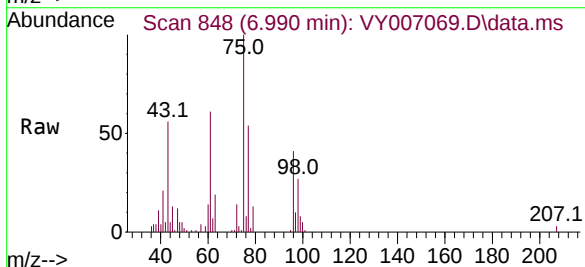
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

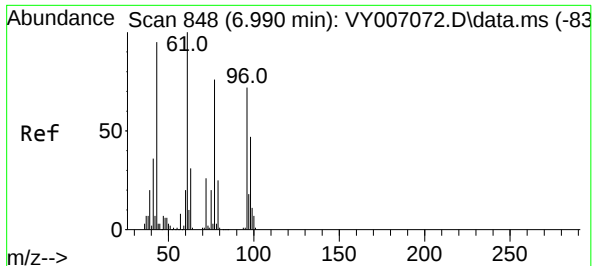
Tgt Ion: 43 Resp: 13503
Ion Ratio Lower Upper
43 100
72 24.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 6.130 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 77 Resp: 14594
Ion Ratio Lower Upper
77 100
97 19.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 5.345 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

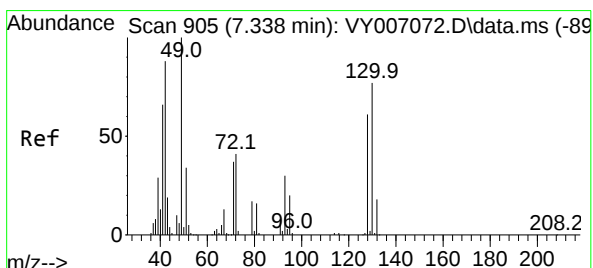
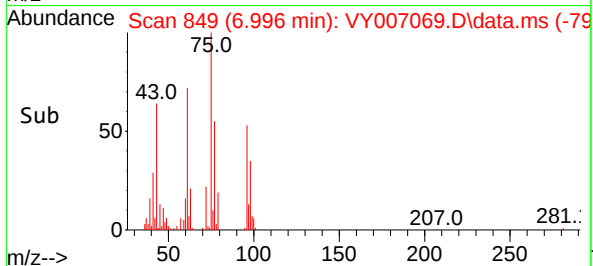
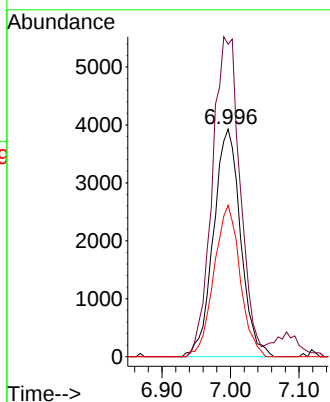
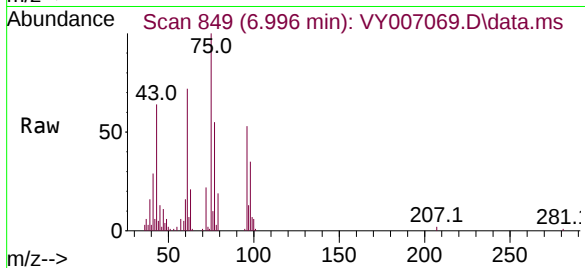
Tgt Ion: 96 Resp: 10774

Ion Ratio Lower Upper

96 100

61 145.1 0.0 276.8

98 64.2 0.0 127.8



#28

Bromochloromethane

Concen: 5.457 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

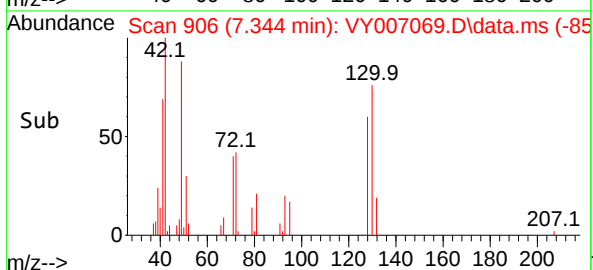
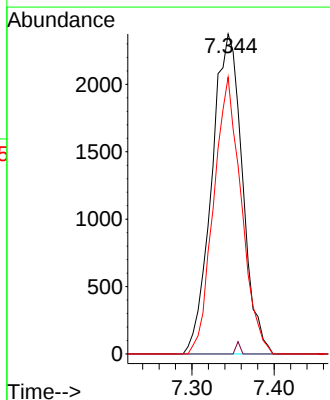
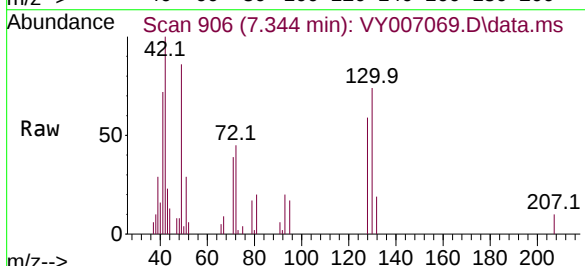
Tgt Ion: 49 Resp: 6165

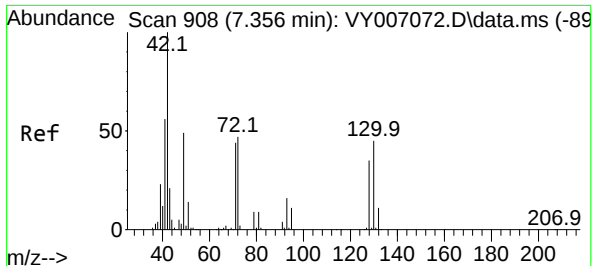
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.6

130 77.9 65.0 97.4





#29

Tetrahydrofuran

Concen: 25.257 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

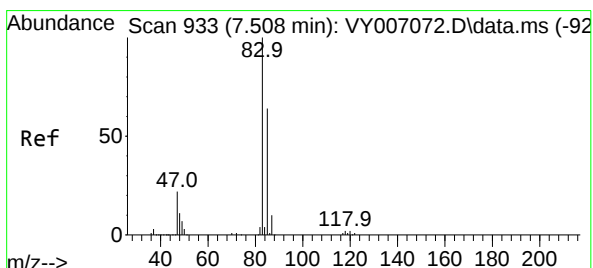
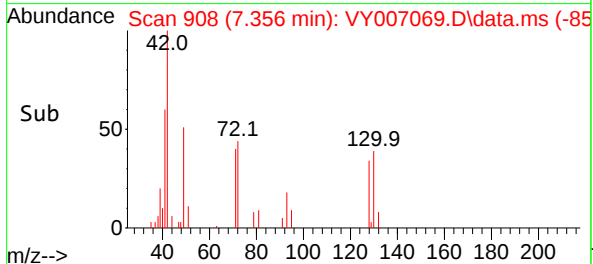
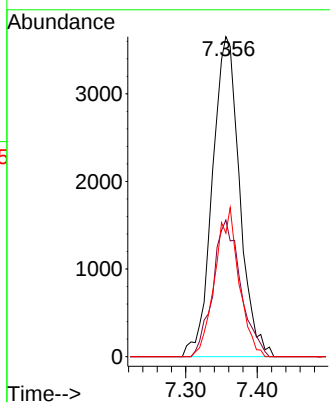
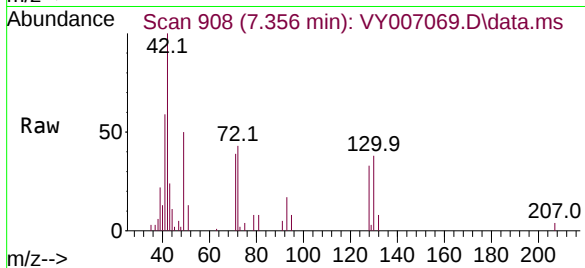
Tgt Ion: 42 Resp: 9644

Ion Ratio Lower Upper

42 100

72 43.5 36.6 54.8

71 41.0 34.1 51.1



#30

Chloroform

Concen: 5.417 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY007069.D

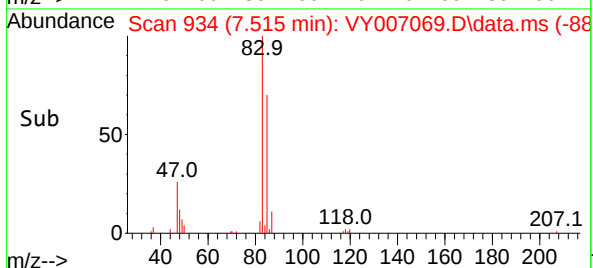
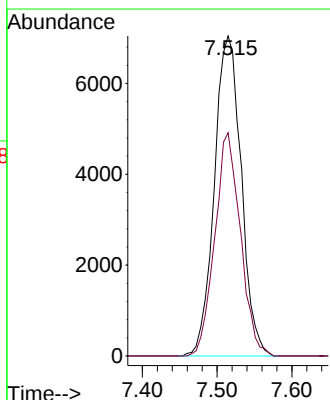
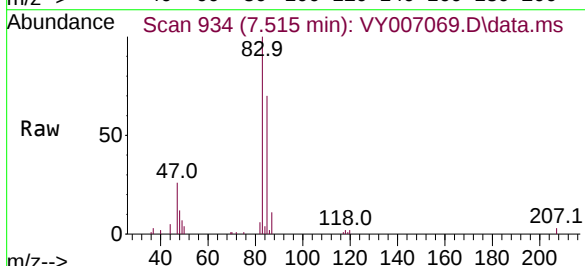
Acq: 08 Jan 2022 10:51

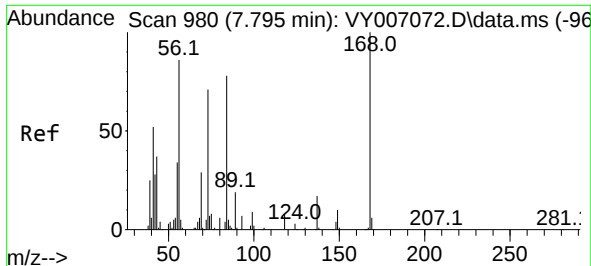
Tgt Ion: 83 Resp: 17603

Ion Ratio Lower Upper

83 100

85 69.8 50.9 76.3

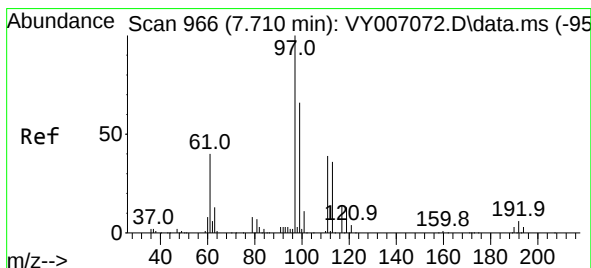
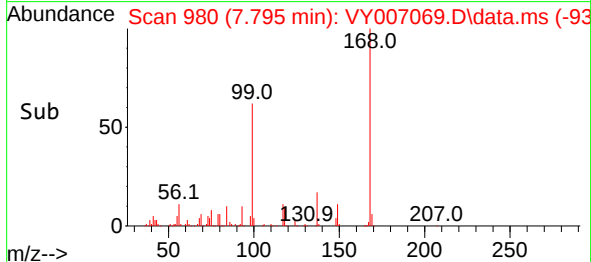
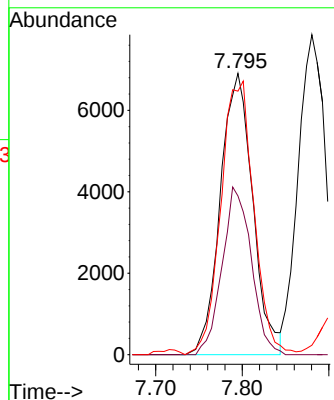
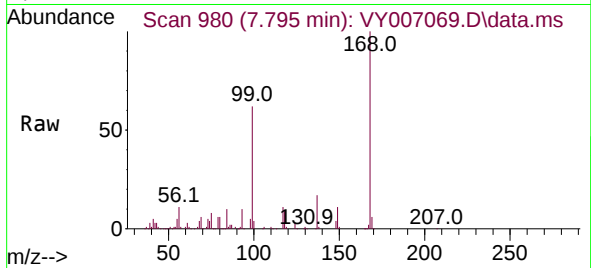




#31
Cyclohexane
Concen: 5.836 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

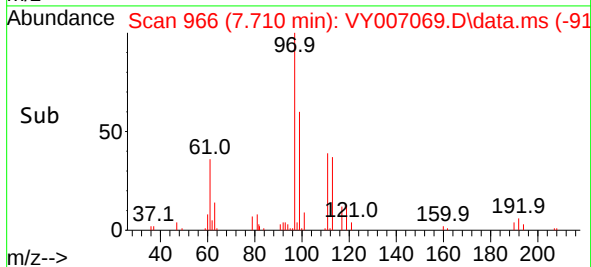
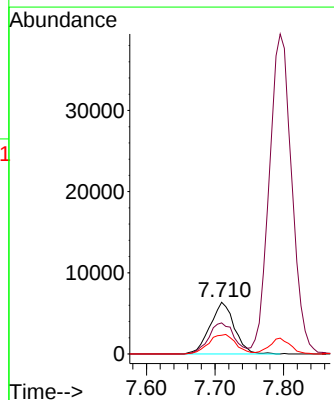
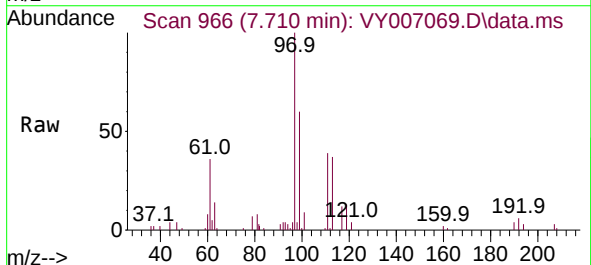
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

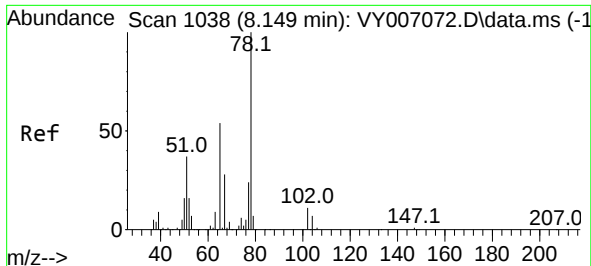
Tgt Ion: 56 Resp: 17952
Ion Ratio Lower Upper
56 100
69 56.4 27.2 40.8#
84 92.8 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 5.410 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 97 Resp: 15607
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 42.5 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 5.968 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

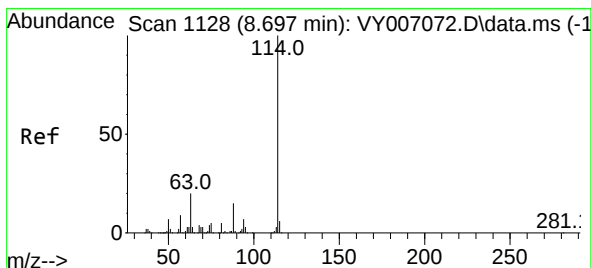
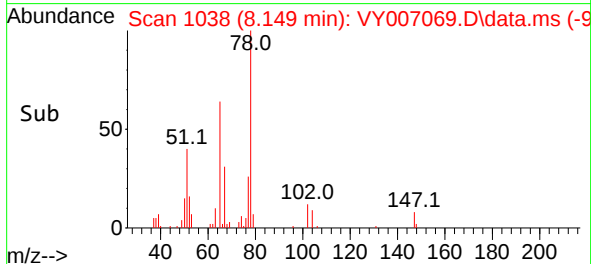
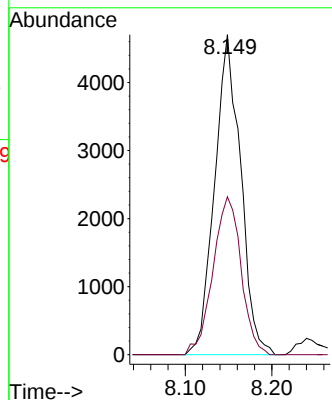
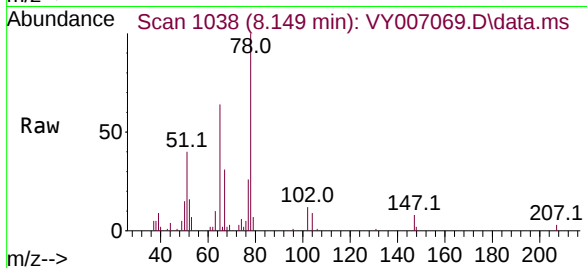
VSTDIC005

Tgt Ion: 65 Resp: 9792

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

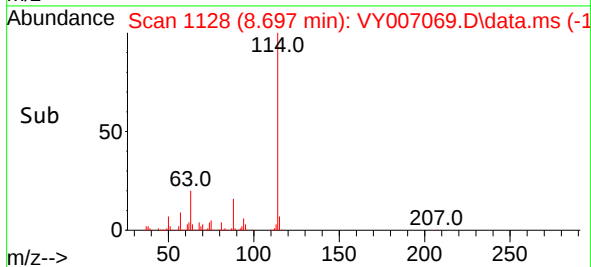
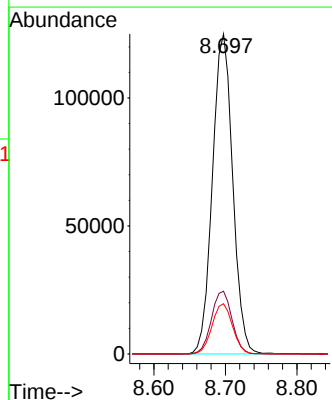
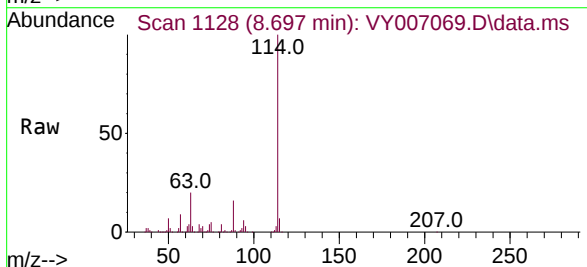
Tgt Ion: 114 Resp: 246108

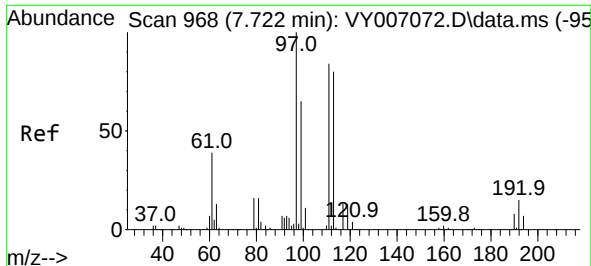
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.7 0.0 31.0

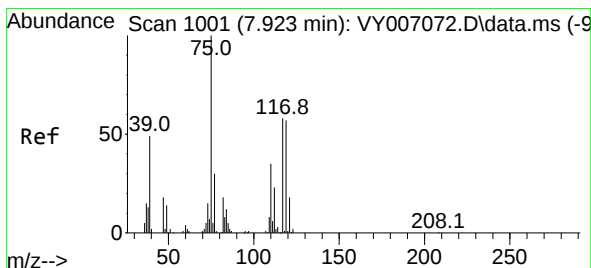
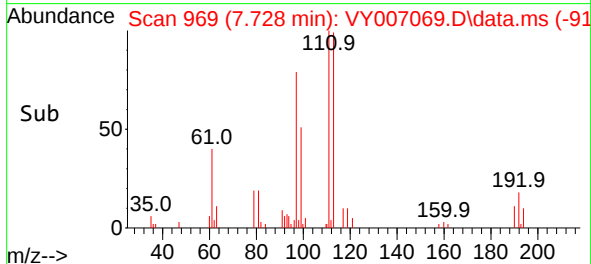
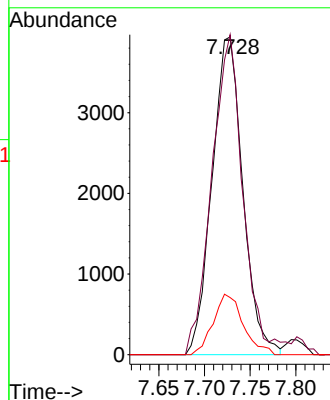
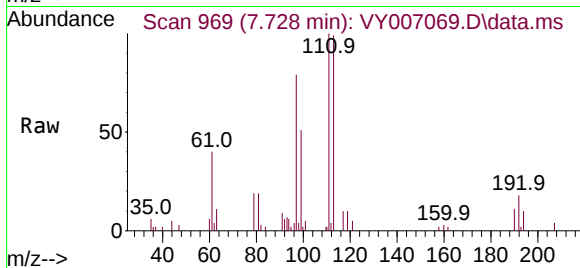




#35
Dibromofluoromethane
Concen: 5.869 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

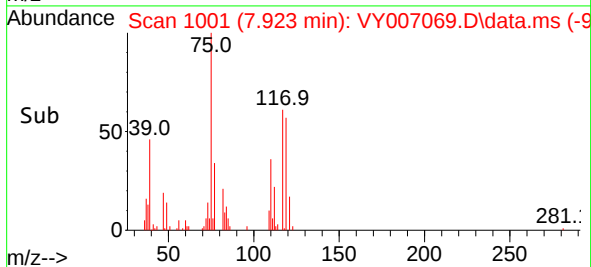
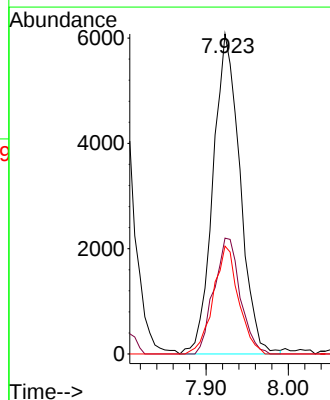
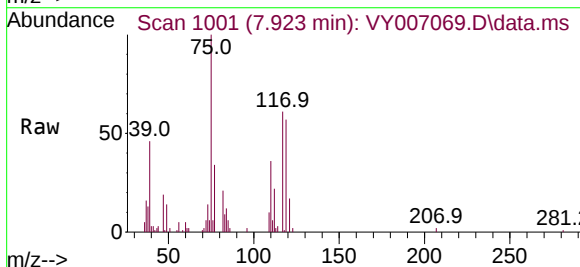
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

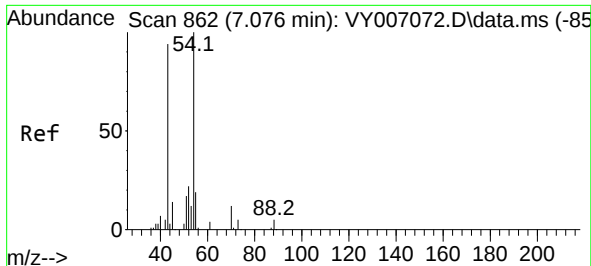
Tgt Ion:113 Resp: 9244
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 5.237 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 75 Resp: 13829
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 5.149 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

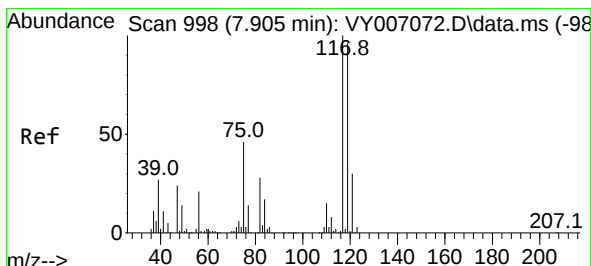
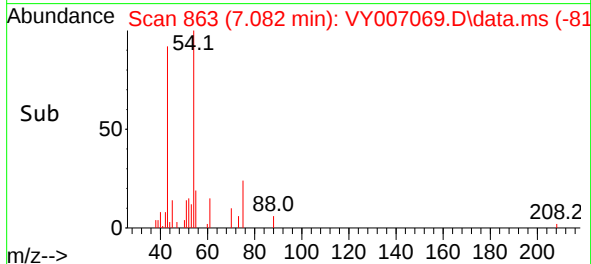
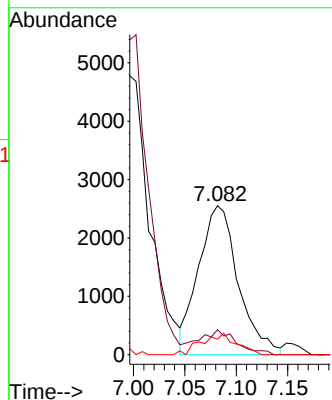
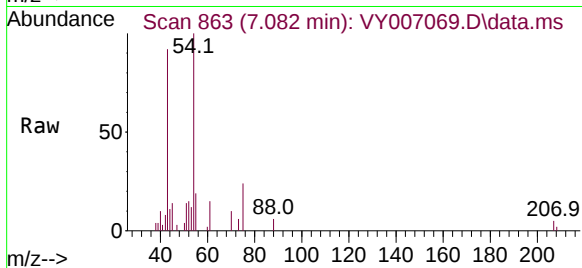
Tgt Ion: 43 Resp: 6867

Ion Ratio Lower Upper

43 100

61 15.2 11.8 17.8

70 12.5 9.0 13.4



#38

Carbon Tetrachloride

Concen: 5.305 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

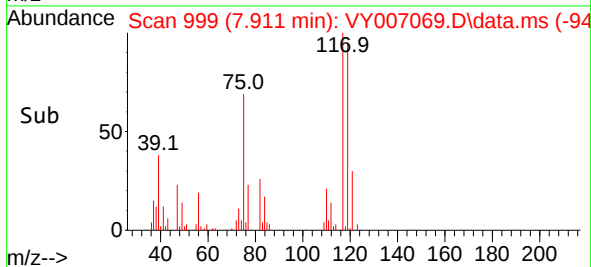
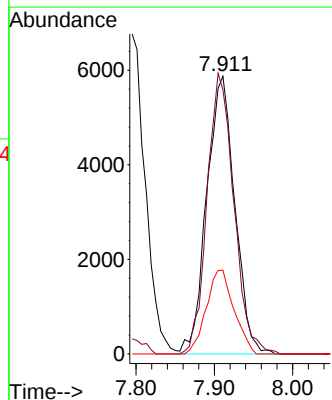
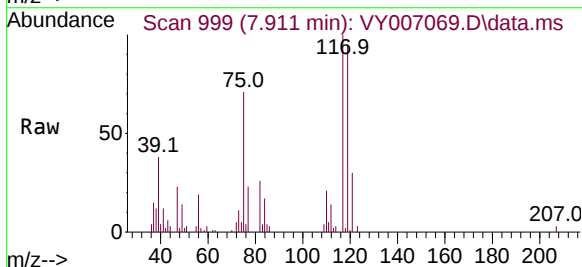
Tgt Ion: 117 Resp: 14625

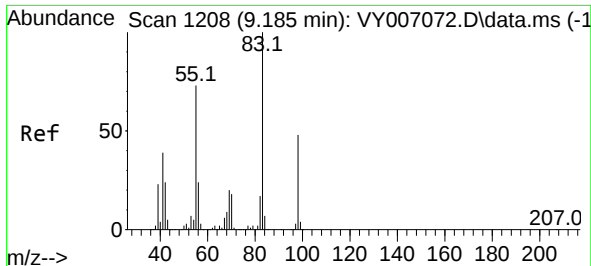
Ion Ratio Lower Upper

117 100

119 95.1 77.2 115.8

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 5.033 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

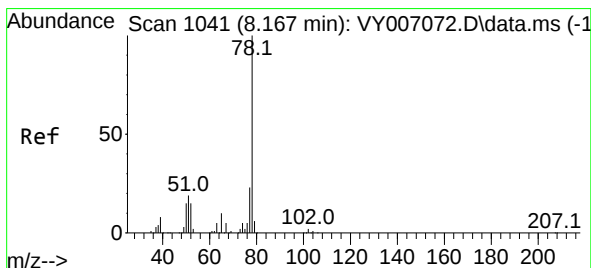
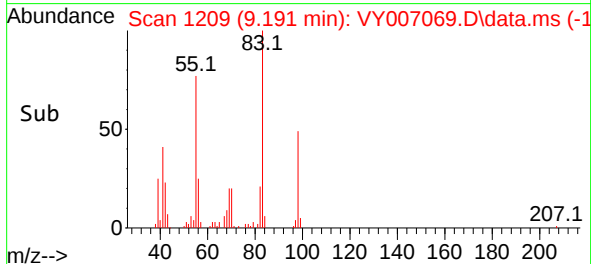
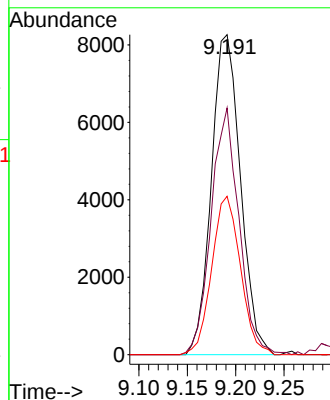
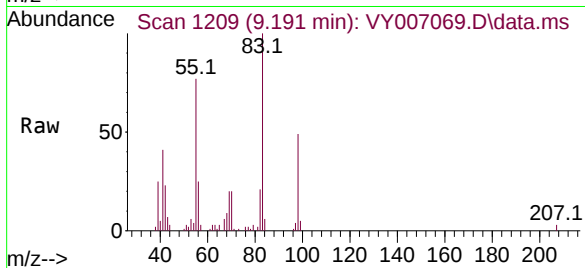
Tgt Ion: 83 Resp: 17286

Ion Ratio Lower Upper

83 100

55 77.1 58.8 88.2

98 49.5 38.7 58.1



#40

Benzene

Concen: 5.316 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY007069.D

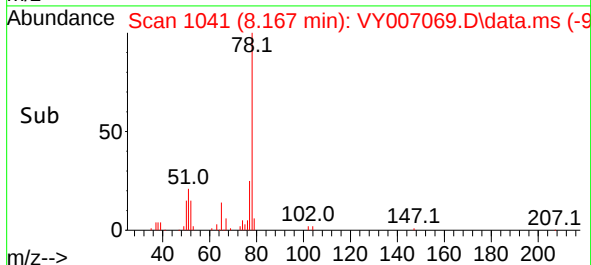
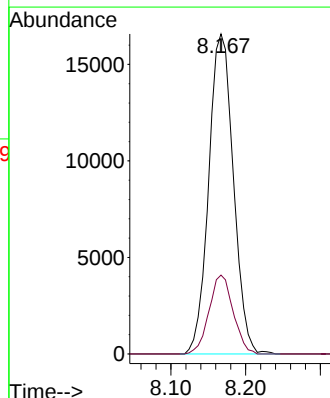
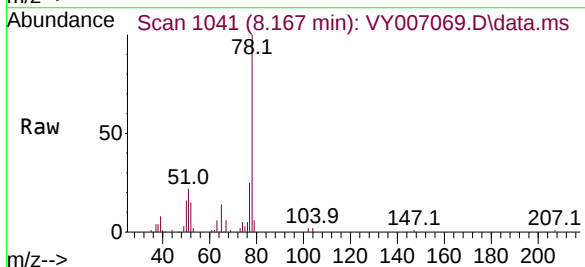
Acq: 08 Jan 2022 10:51

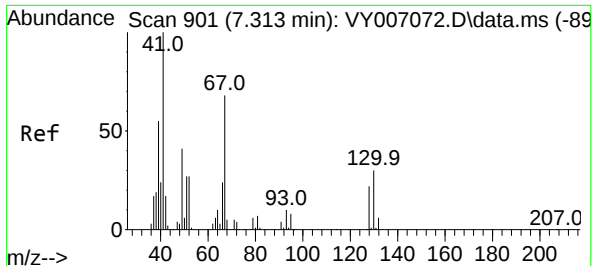
Tgt Ion: 78 Resp: 38041

Ion Ratio Lower Upper

78 100

77 24.7 18.6 27.8

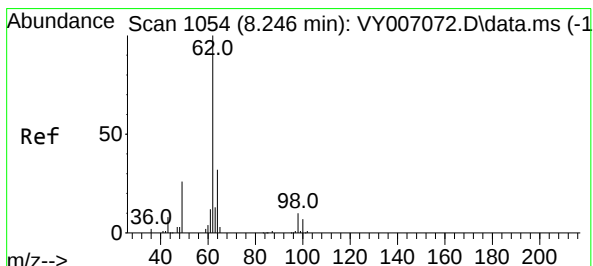
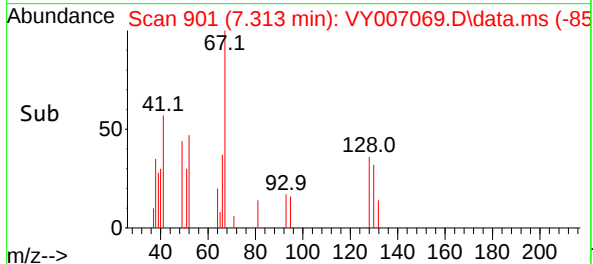
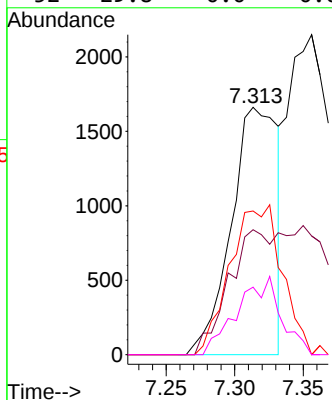
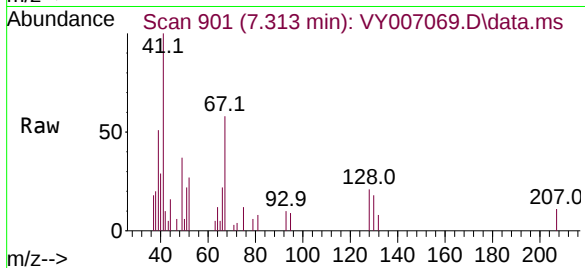




#41
Methacrylonitrile
Concen: 5.308 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

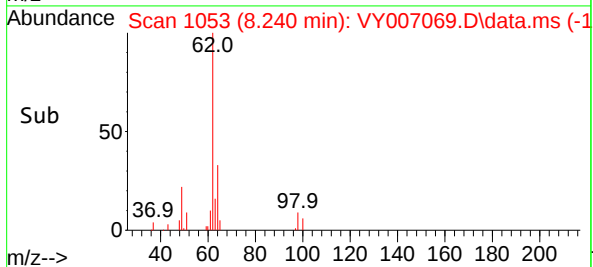
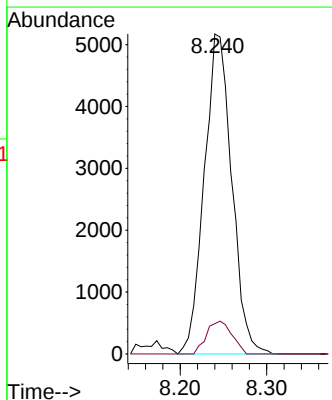
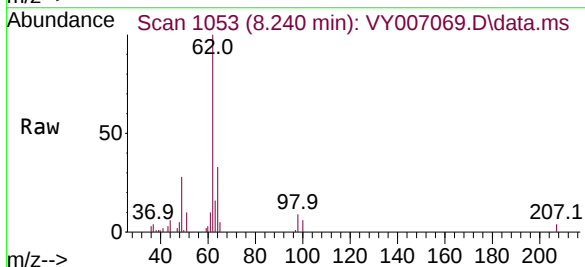
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

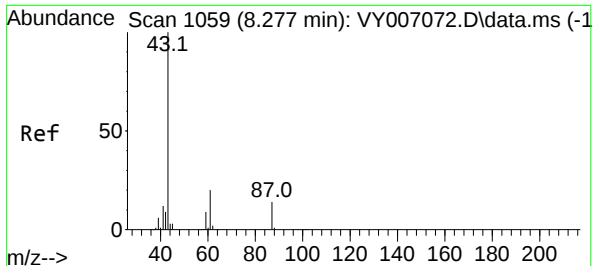
Tgt Ion:	41	Resp:	3911
Ion	Ratio	Lower	Upper
41	100		
39	45.1	0.0	0.0#
67	68.0	0.0	0.0#
52	29.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.242 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion:	62	Resp:	11416
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2

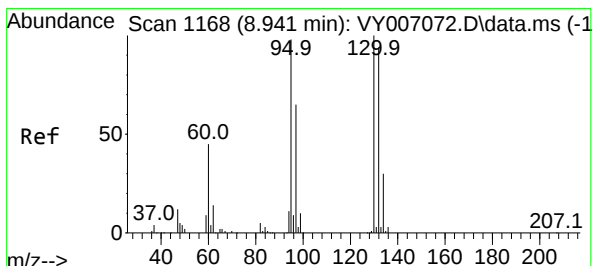
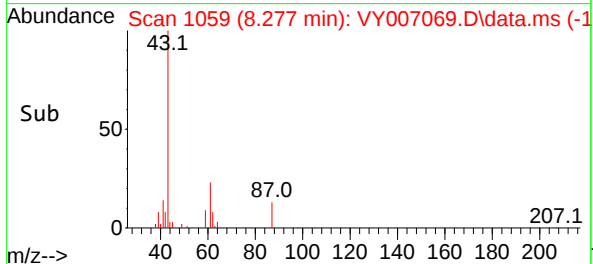
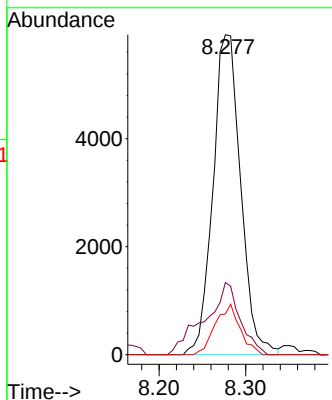
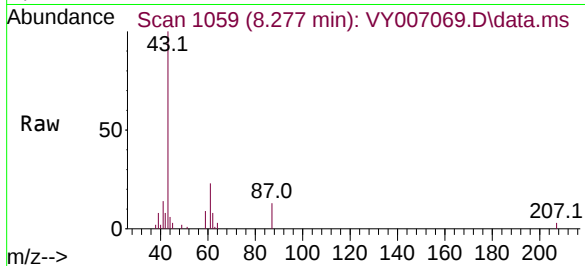




#43
Isopropyl Acetate
Concen: 5.113 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

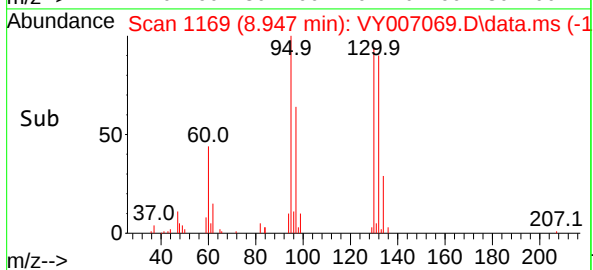
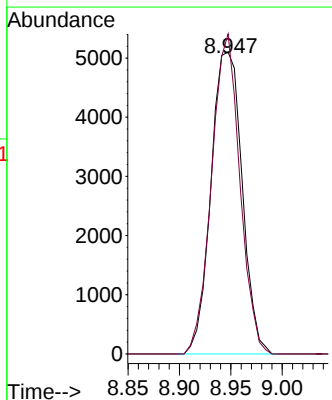
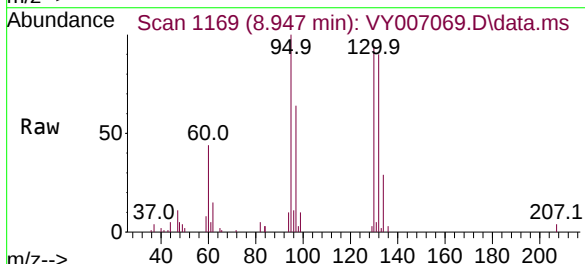
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

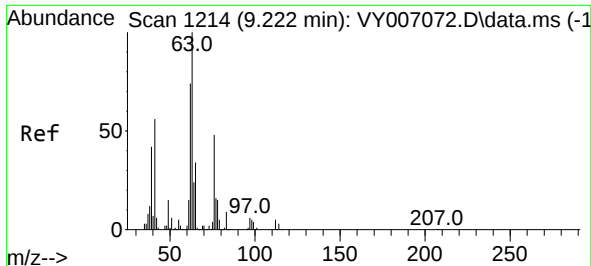
Tgt Ion:	43	Resp:	13179
Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.8	35.8
87	14.1	11.6	17.4



#44
Trichloroethene
Concen: 5.378 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion:	130	Resp:	10725
Ion	Ratio	Lower	Upper
130	100		
95	106.0	0.0	196.6





#45

1,2-Dichloropropane

Concen: 5.347 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

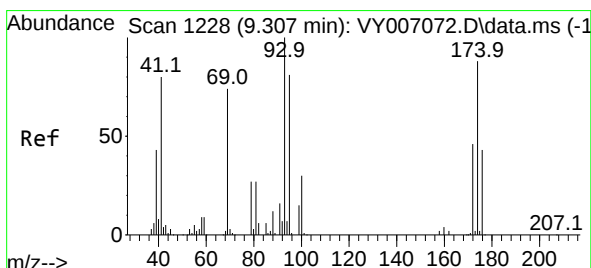
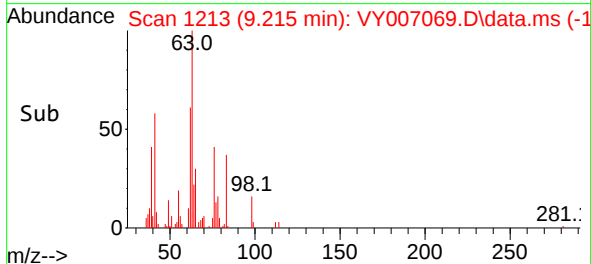
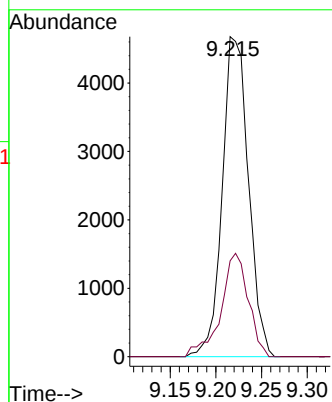
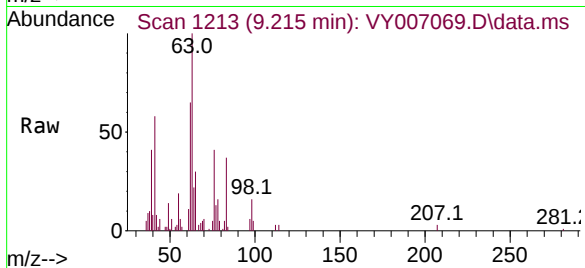
VSTDICC005

Tgt Ion: 63 Resp: 9332

Ion Ratio Lower Upper

63 100

65 30.0 26.9 40.3



#46

Dibromomethane

Concen: 5.419 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

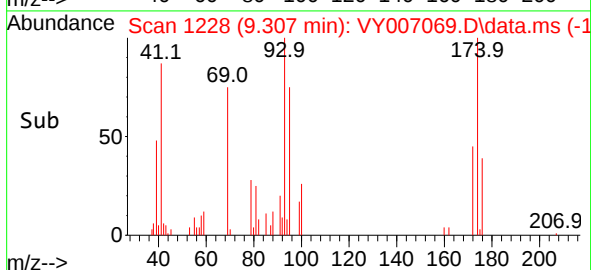
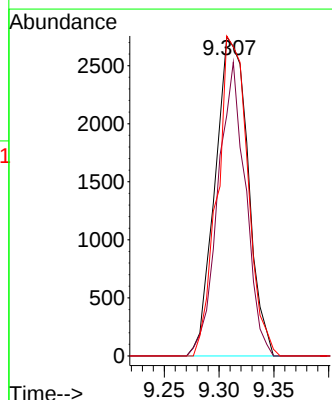
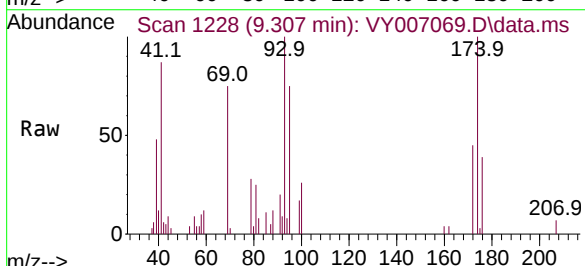
Tgt Ion: 93 Resp: 5721

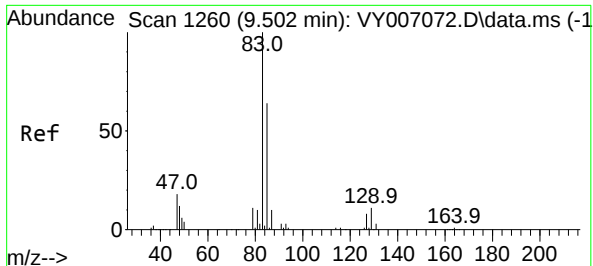
Ion Ratio Lower Upper

93 100

95 77.3 65.8 98.6

174 92.7 75.4 113.0

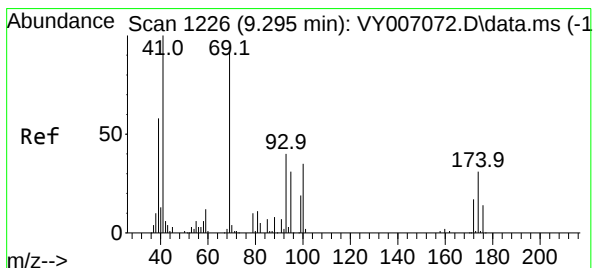
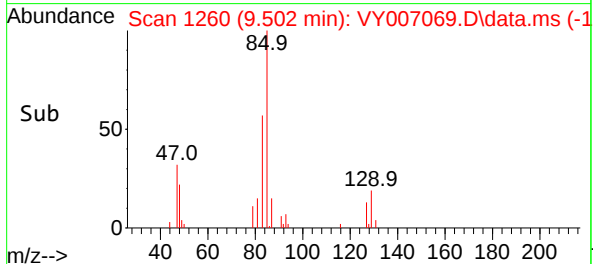
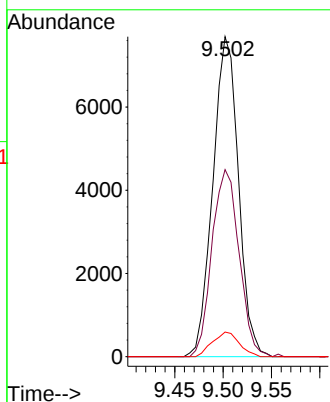
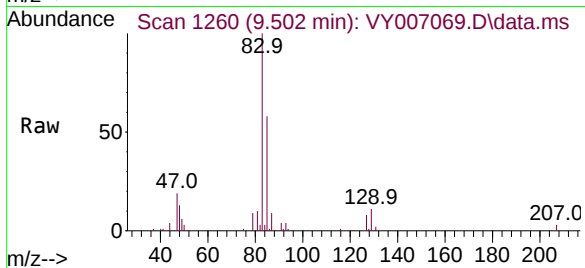




#47
Bromodichloromethane
Concen: 5.482 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

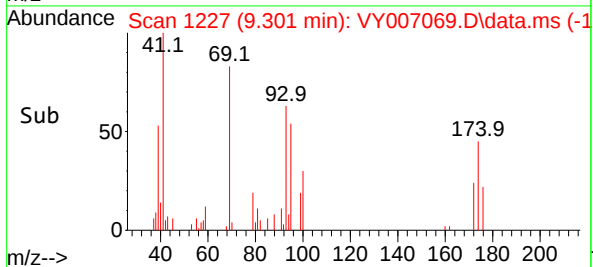
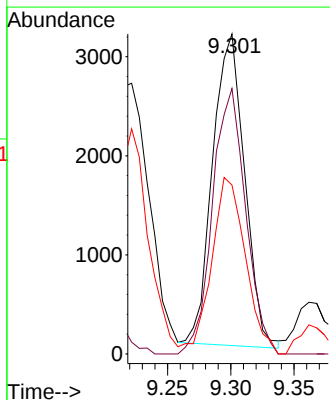
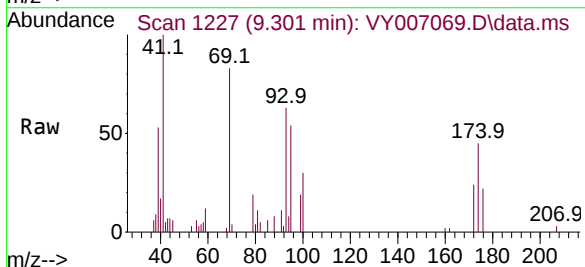
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

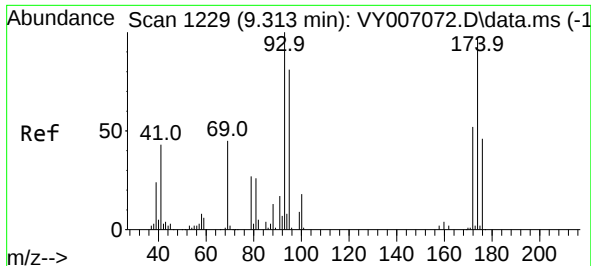
Tgt Ion: 83 Resp: 14137
Ion Ratio Lower Upper
83 100
85 58.5 51.4 77.2
127 7.7 6.5 9.7



#48
Methyl methacrylate
Concen: 4.568 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 41 Resp: 5527
Ion Ratio Lower Upper
41 100
69 88.4 70.5 105.7
39 60.1 43.8 65.8





#49

1,4-Dioxane

Concen: 89.797 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

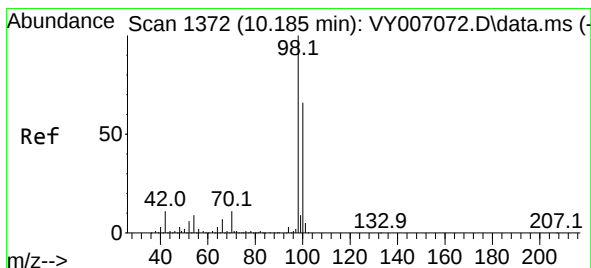
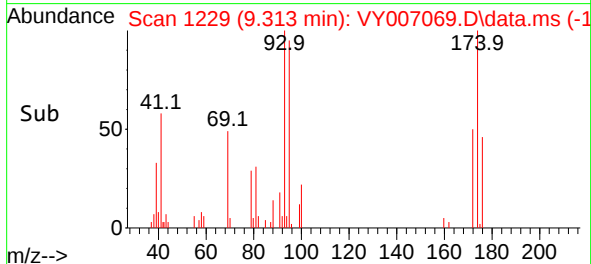
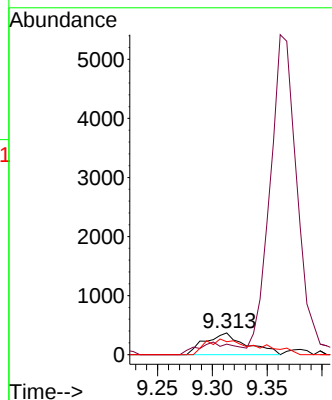
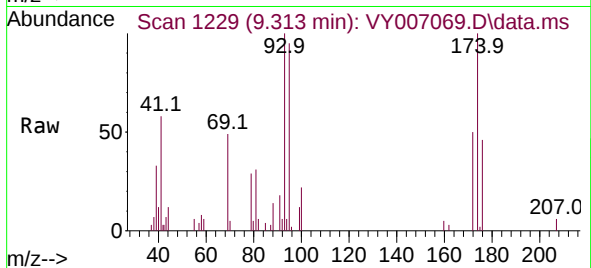
Tgt Ion: 88 Resp: 956

Ion Ratio Lower Upper

88 100

43 49.6 22.0 33.0#

58 89.5 58.6 87.8#



#50

Toluene-d8

Concen: 5.850 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY007069.D

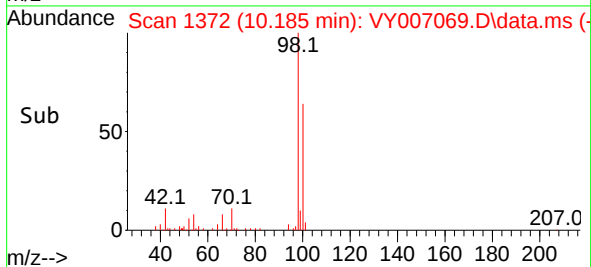
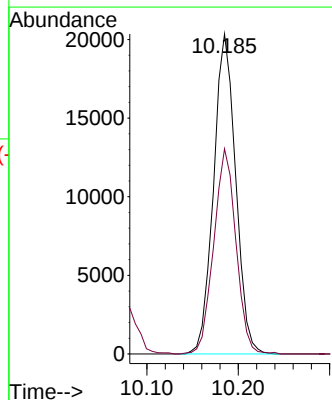
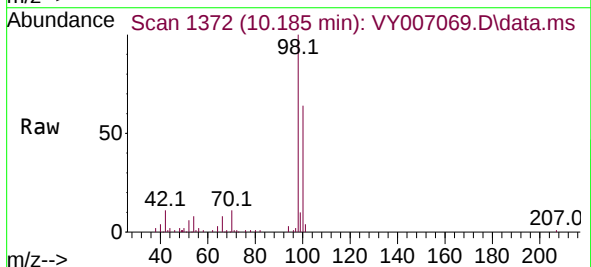
Acq: 08 Jan 2022 10:51

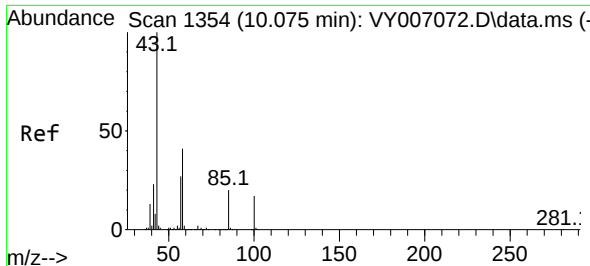
Tgt Ion: 98 Resp: 34183

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2

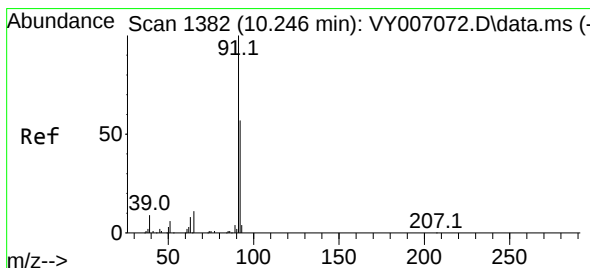
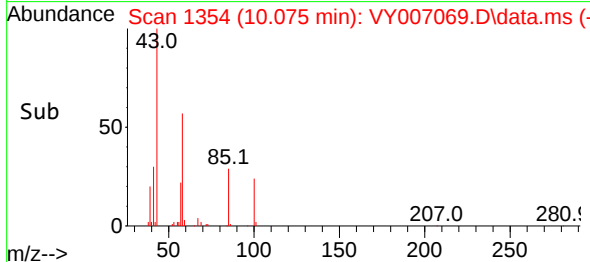
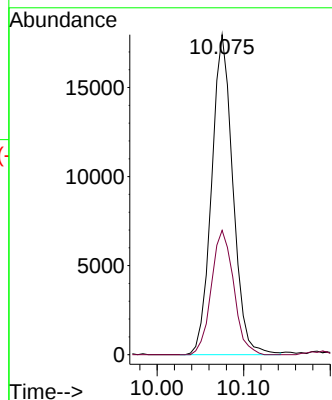
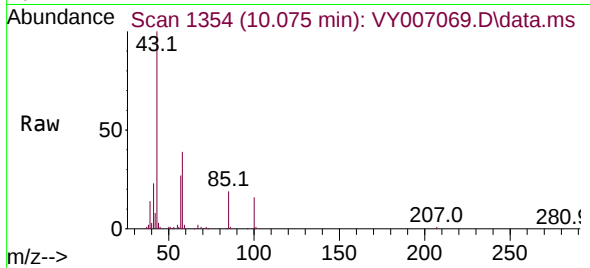




#51
4-Methyl-2-Pentanone
Concen: 24.123 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

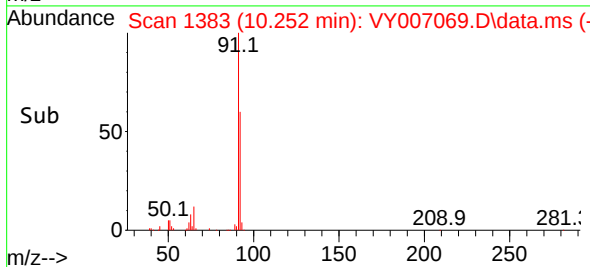
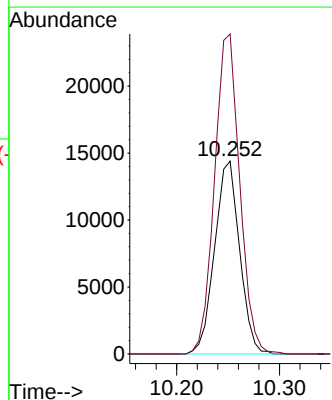
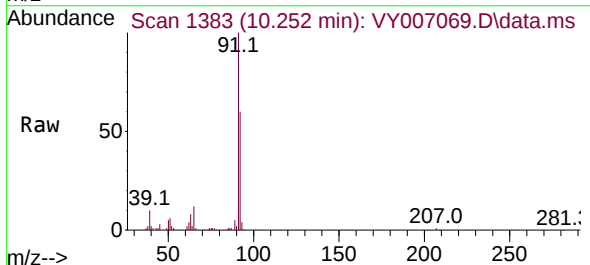
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

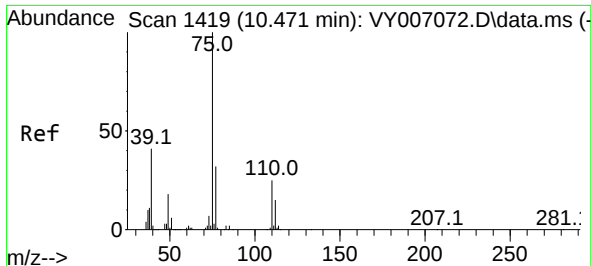
Tgt Ion: 43 Resp: 30768
Ion Ratio Lower Upper
43 100
58 40.5 32.8 49.2



#52
Toluene
Concen: 5.293 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 92 Resp: 24304
Ion Ratio Lower Upper
92 100
91 167.4 138.6 207.8

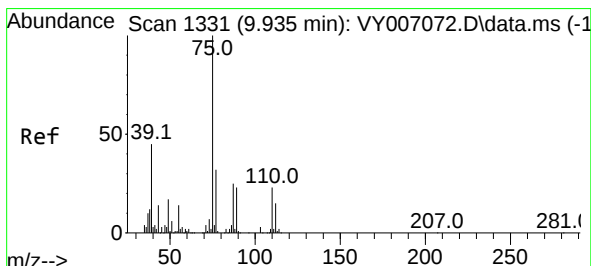
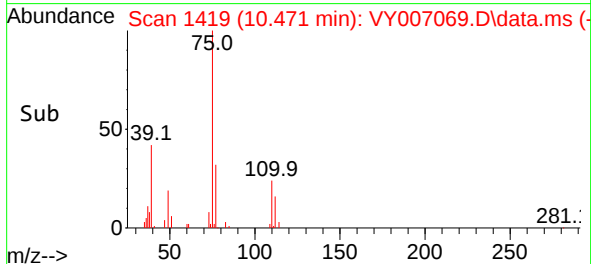
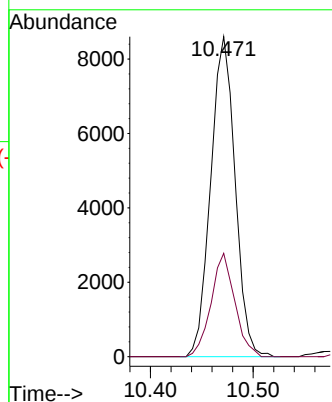
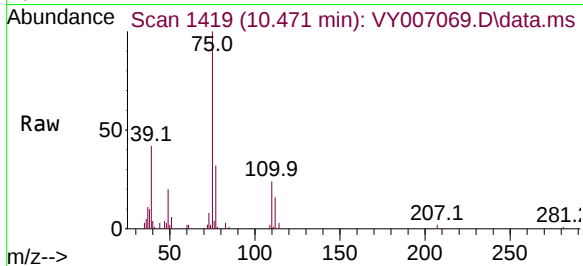




#53
 t-1,3-Dichloropropene
 Concen: 5.111 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY007069.D
 Acq: 08 Jan 2022 10:51

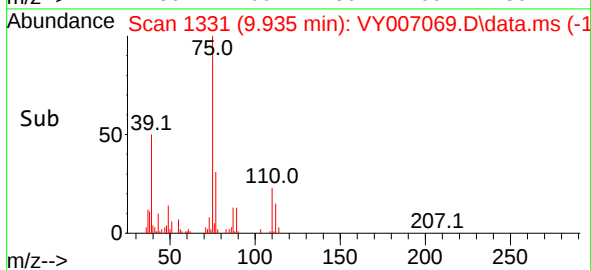
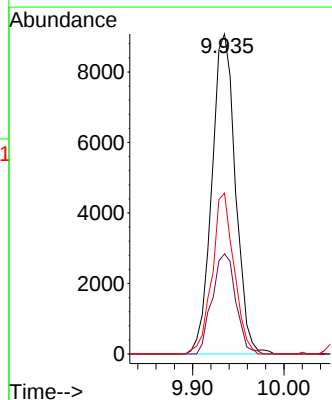
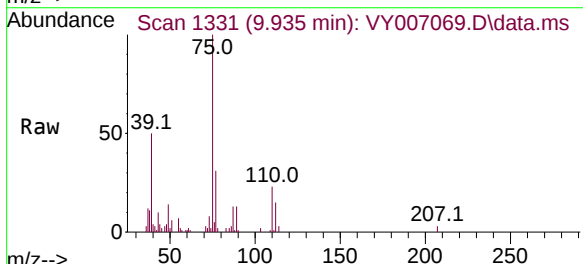
Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005

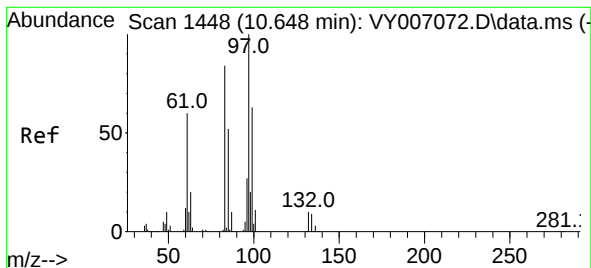
Tgt Ion: 75 Resp: 14158
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 5.266 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY007069.D
 Acq: 08 Jan 2022 10:51

Tgt Ion: 75 Resp: 16245
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 50.3 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 5.250 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 7605

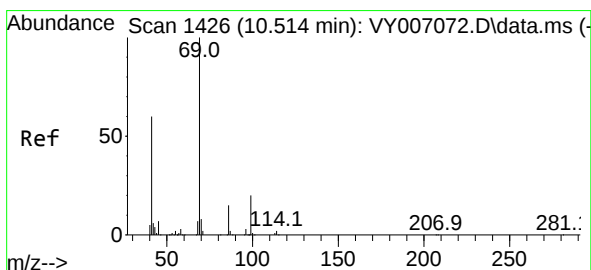
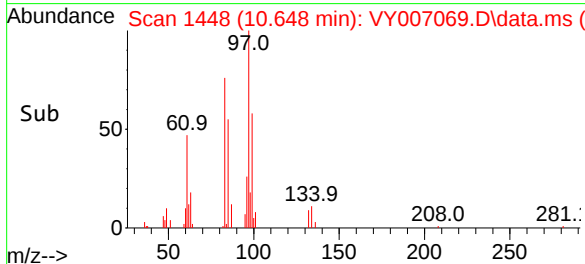
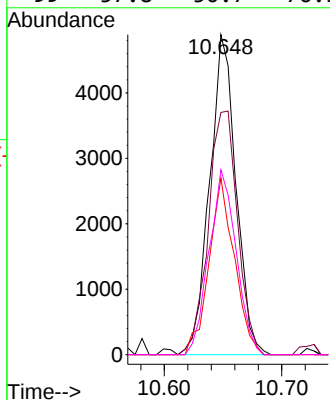
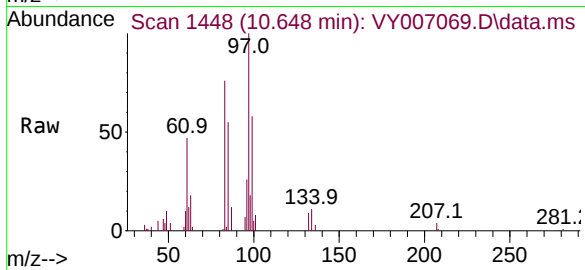
Ion Ratio Lower Upper

97 100

83 75.7 67.0 100.4

85 55.2 41.2 61.8

99 57.8 50.7 76.1



#56

Ethyl methacrylate

Concen: 4.918 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

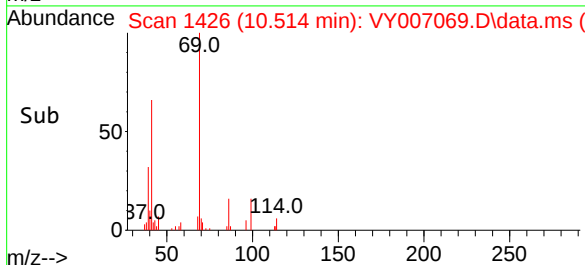
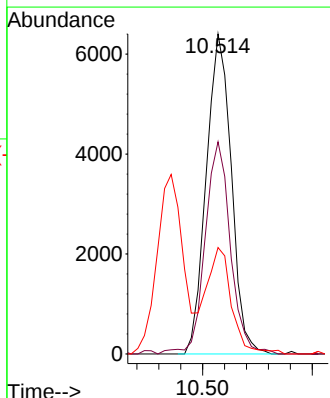
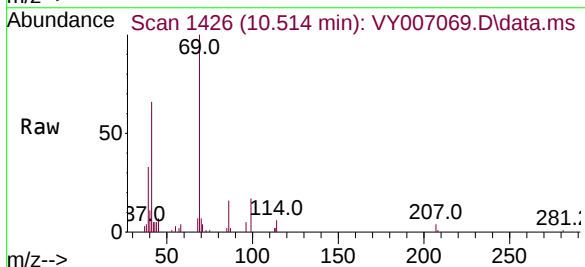
Tgt Ion: 69 Resp: 10181

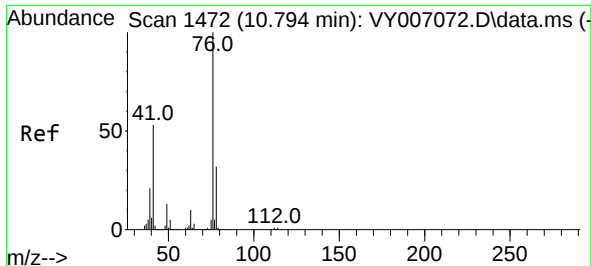
Ion Ratio Lower Upper

69 100

41 66.9 49.4 74.0

39 32.4 27.7 41.5





#57

1,3-Dichloropropane

Concen: 5.364 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

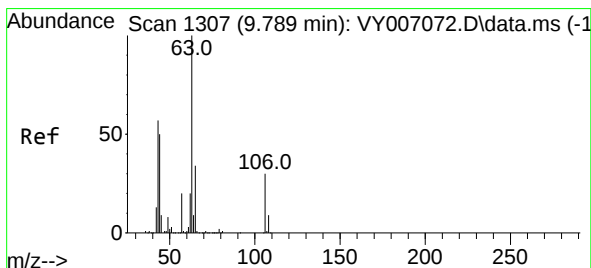
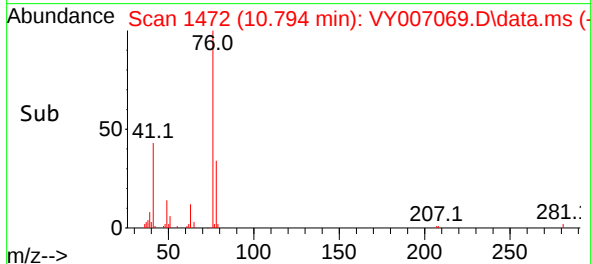
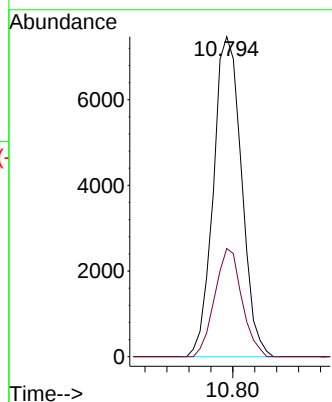
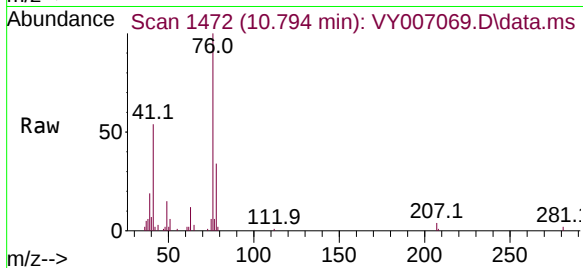
VSTDIC005

Tgt Ion: 76 Resp: 13320

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 28.296 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY007069.D

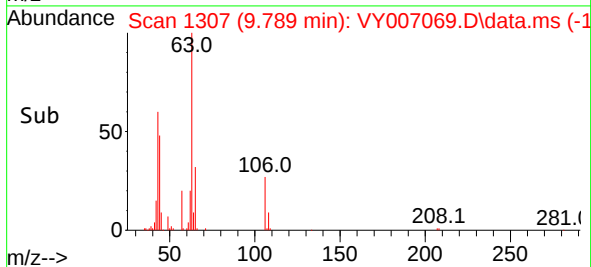
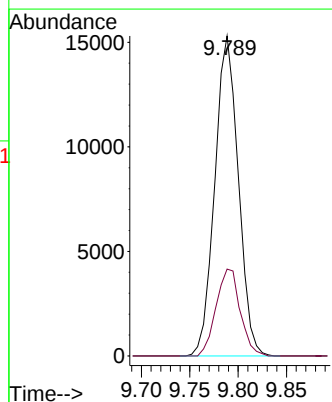
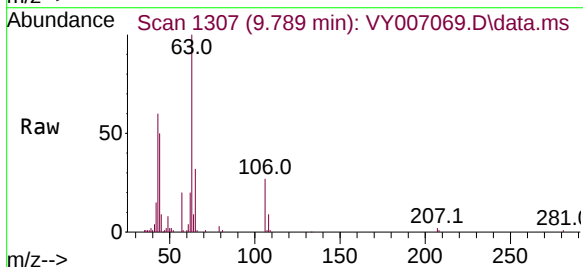
Acq: 08 Jan 2022 10:51

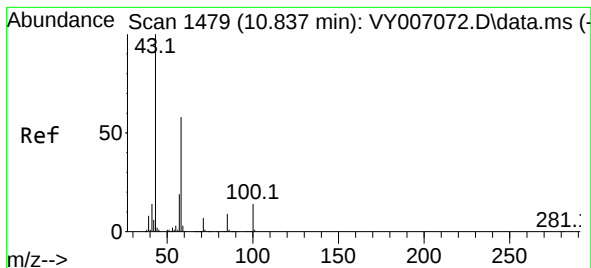
Tgt Ion: 63 Resp: 25827

Ion Ratio Lower Upper

63 100

106 27.8 23.3 34.9

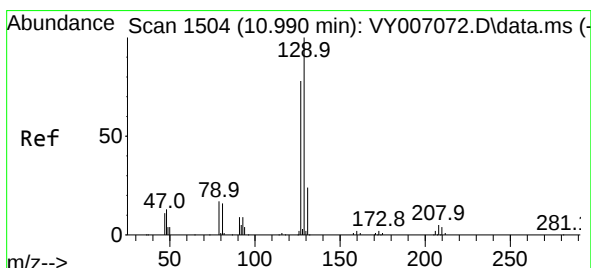
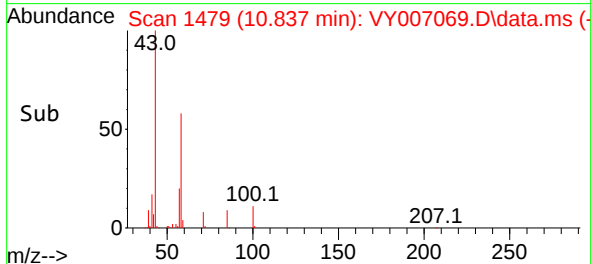
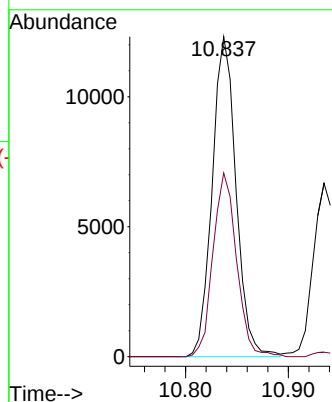
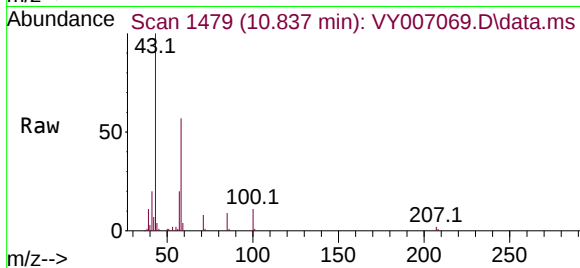




#59
2-Hexanone
Concen: 23.858 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

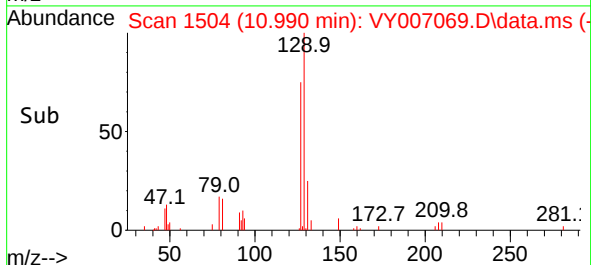
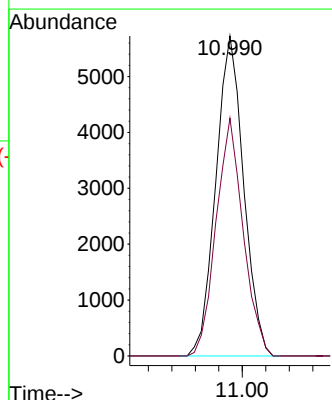
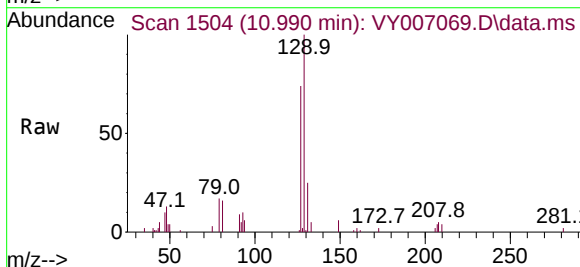
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

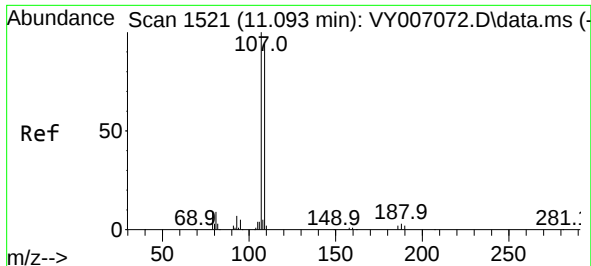
Tgt Ion: 43 Resp: 19822
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.3



#60
Dibromochloromethane
Concen: 5.298 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 129 Resp: 9417
Ion Ratio Lower Upper
129 100
127 72.4 38.9 116.6

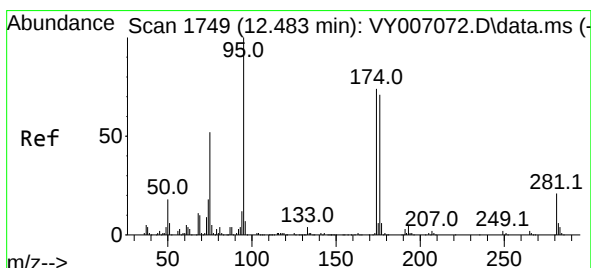
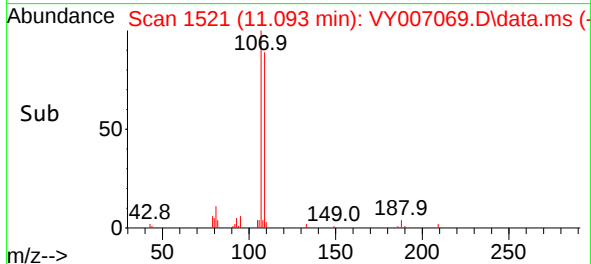
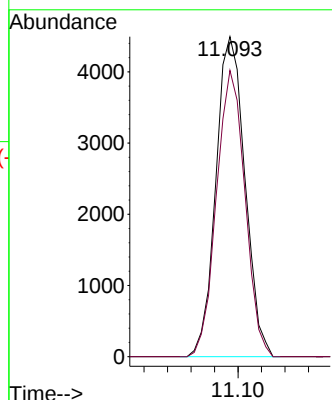
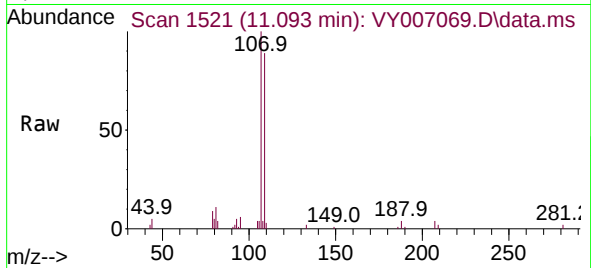




#61
1,2-Dibromoethane
Concen: 5.322 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

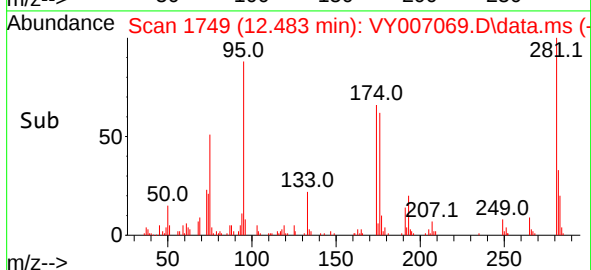
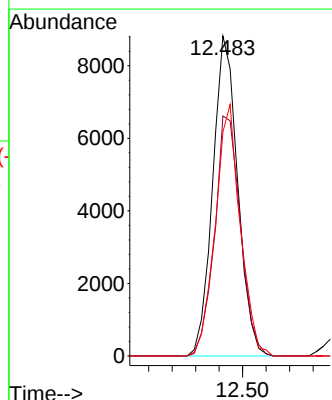
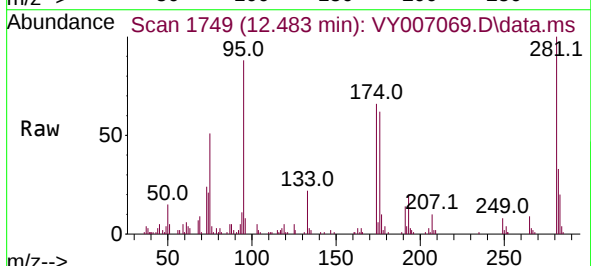
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

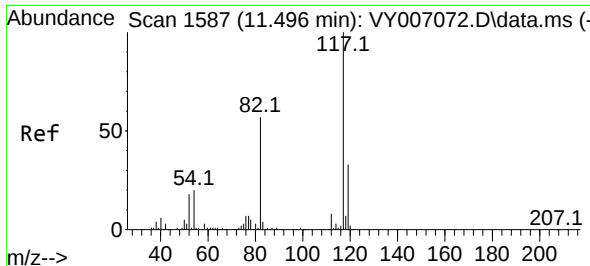
Tgt Ion:107 Resp: 7719
Ion Ratio Lower Upper
107 100
109 87.6 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 5.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 95 Resp: 12968
Ion Ratio Lower Upper
95 100
174 77.8 0.0 148.4
176 78.6 0.0 146.6

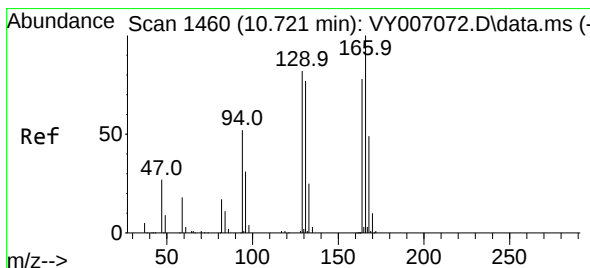
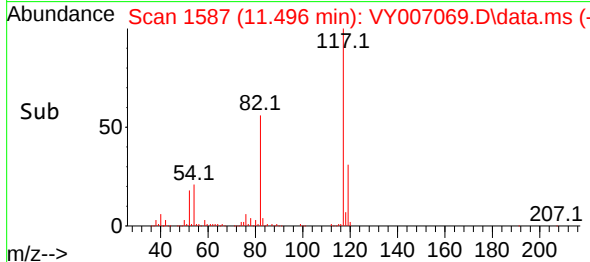
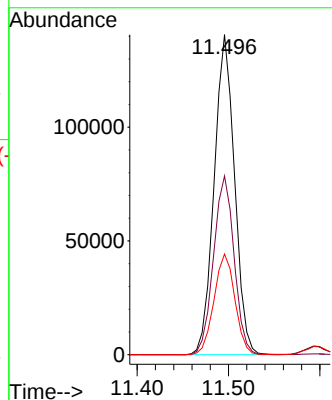
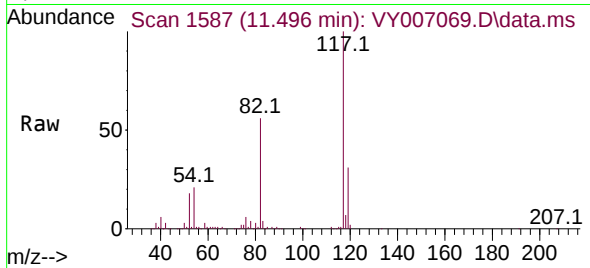




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

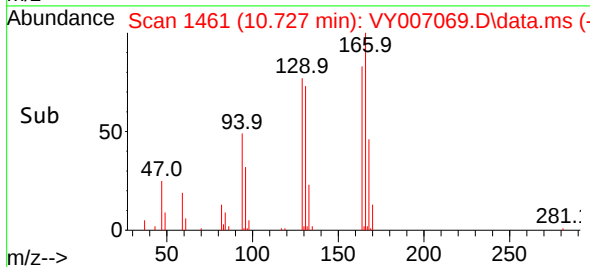
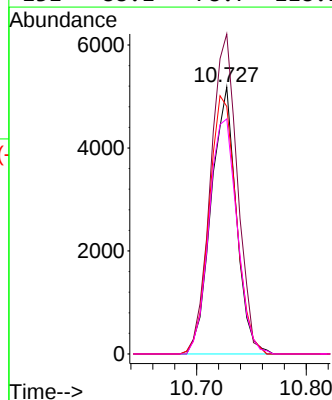
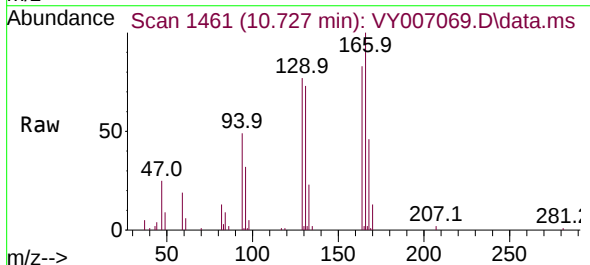
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

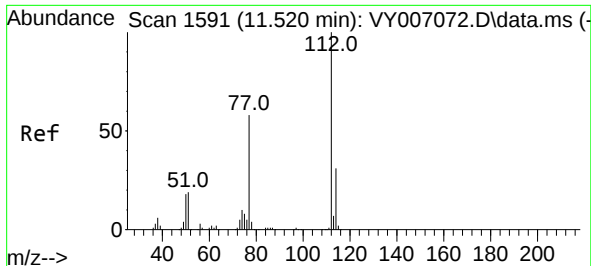
Tgt Ion:117 Resp: 217985
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.4 26.4 39.6



#64
Tetrachloroethene
Concen: 5.106 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion:164 Resp: 8234
Ion Ratio Lower Upper
164 100
166 119.9 102.6 154.0
129 92.7 84.6 127.0
131 88.1 78.7 118.1

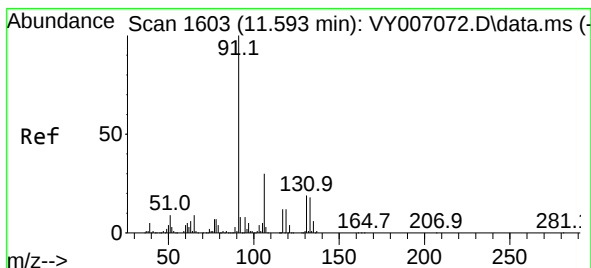
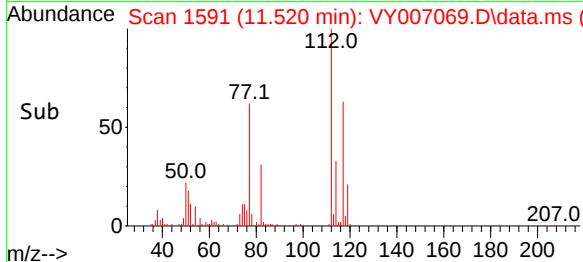
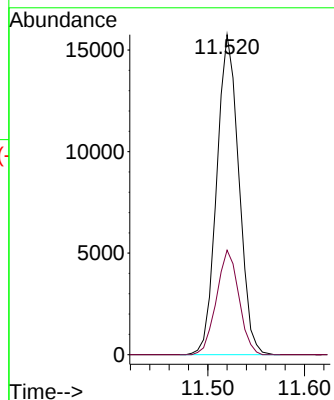
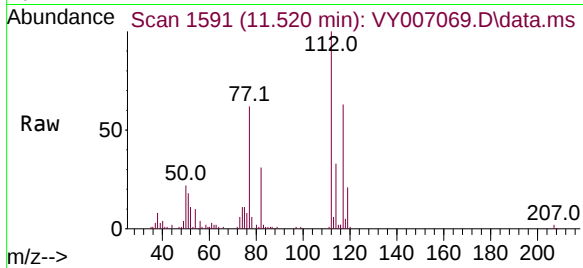




#65
Chlorobenzene
Concen: 5.166 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

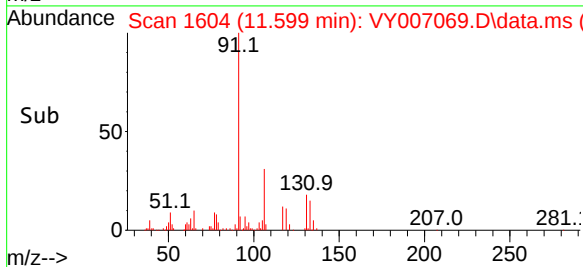
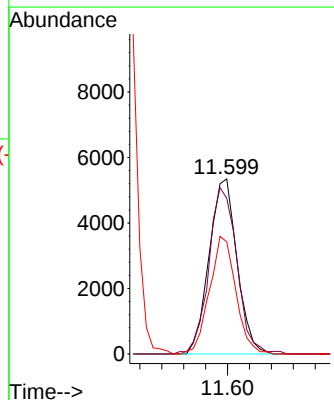
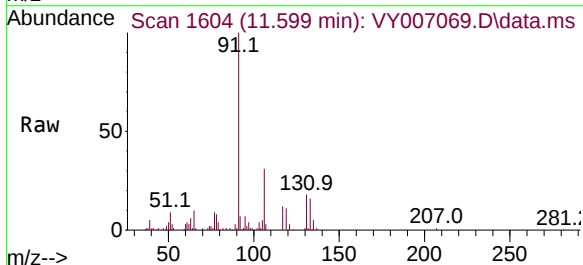
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

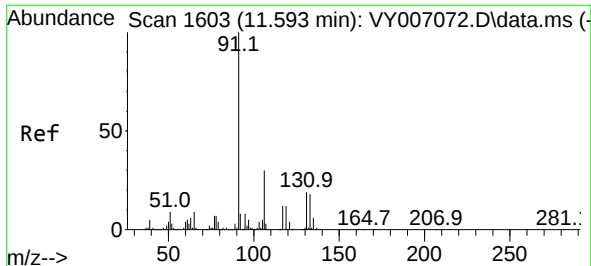
Tgt Ion:112 Resp: 24969
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.427 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion:131 Resp: 9437
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.5
119 63.5 32.6 97.7





#67

Ethyl Benzene

Concen: 5.268 ug/l

RT: 11.599 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

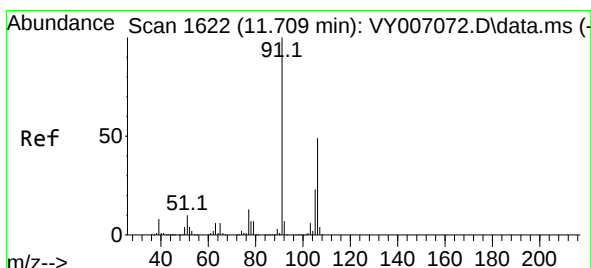
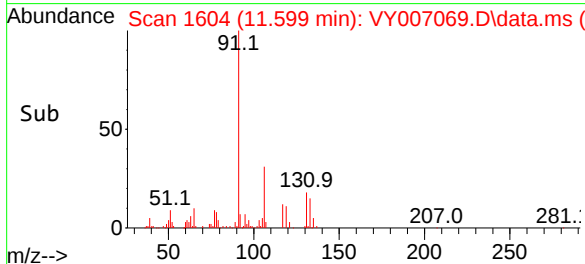
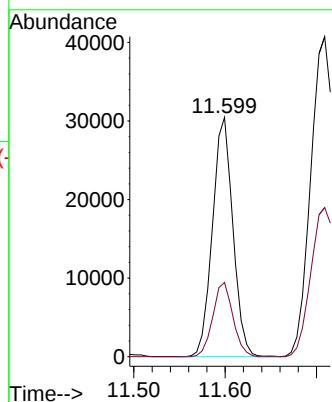
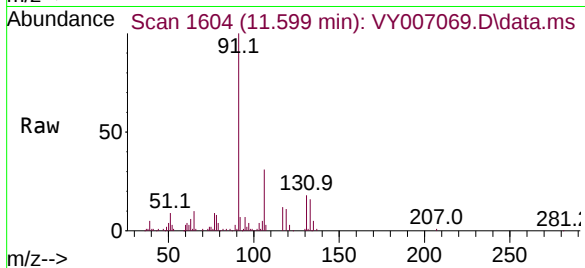
VSTDIC005

Tgt Ion: 91 Resp: 47224

Ion Ratio Lower Upper

91 100

106 31.0 23.9 35.9



#68

m/p-Xylenes

Concen: 10.457 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY007069.D

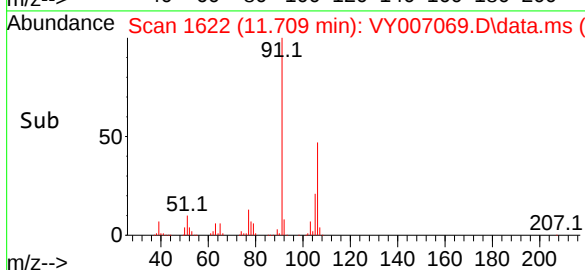
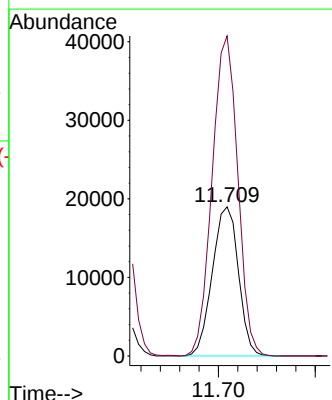
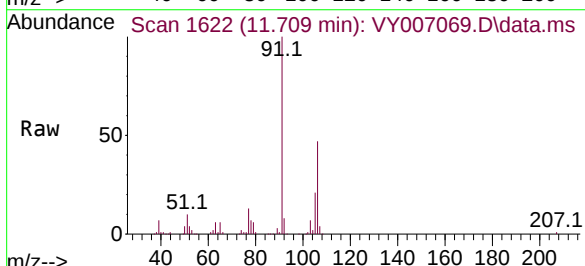
Acq: 08 Jan 2022 10:51

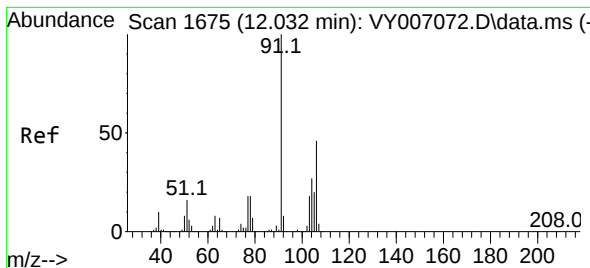
Tgt Ion: 106 Resp: 35553

Ion Ratio Lower Upper

106 100

91 210.7 167.1 250.7





#69

o-Xylene

Concen: 5.165 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

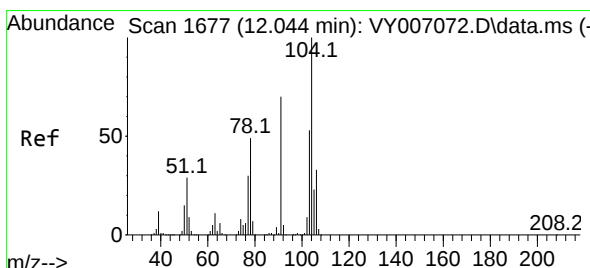
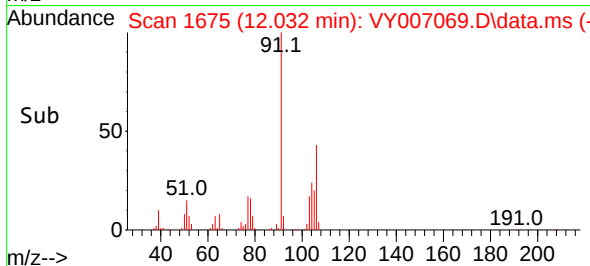
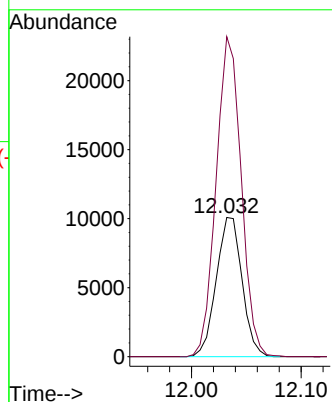
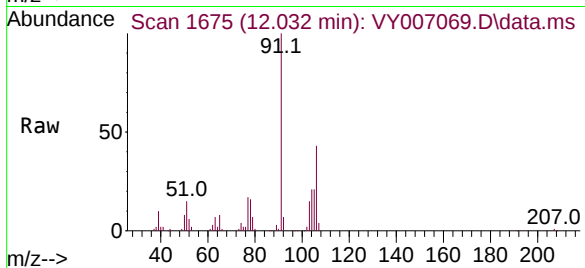
VSTDIC005

Tgt Ion:106 Resp: 16486

Ion Ratio Lower Upper

106 100

91 223.9 109.9 329.6



#70

Styrene

Concen: 5.040 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

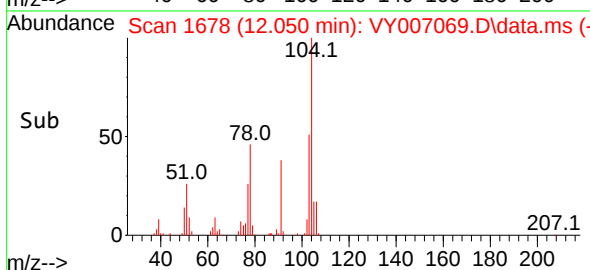
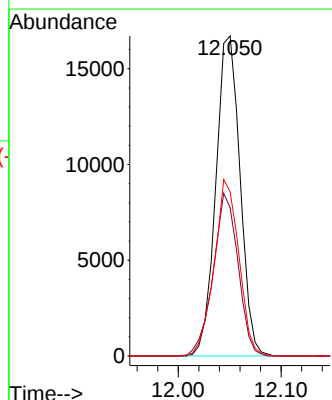
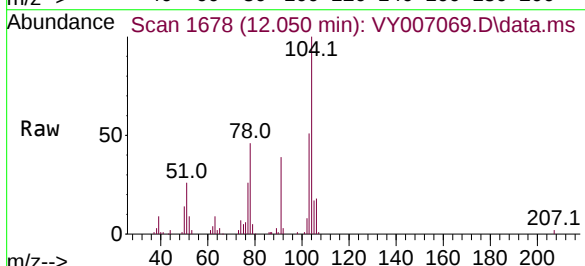
Tgt Ion:104 Resp: 27315

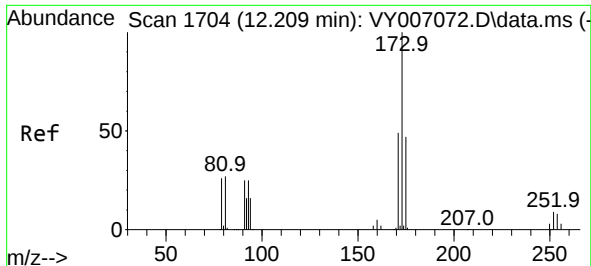
Ion Ratio Lower Upper

104 100

78 52.2 41.4 62.0

103 56.4 44.2 66.2

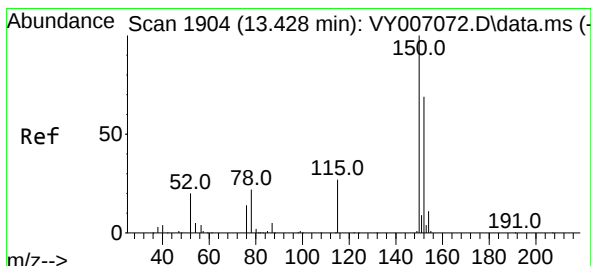
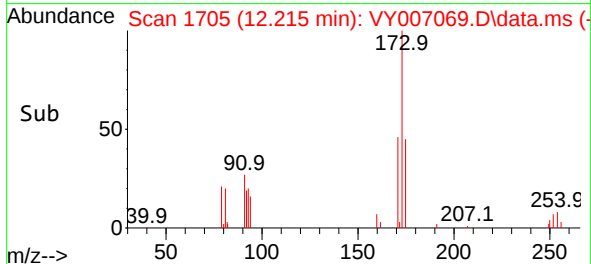
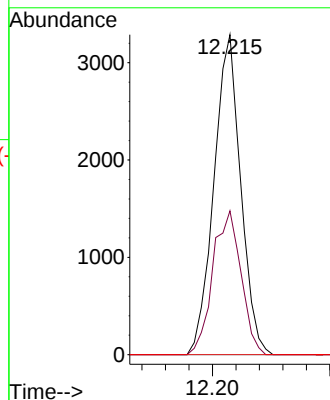
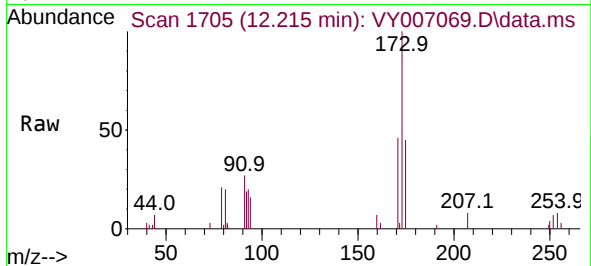




#71
Bromoform
Concen: 5.008 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

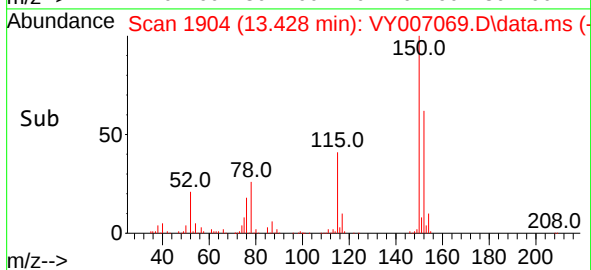
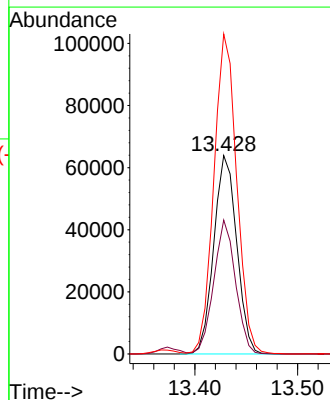
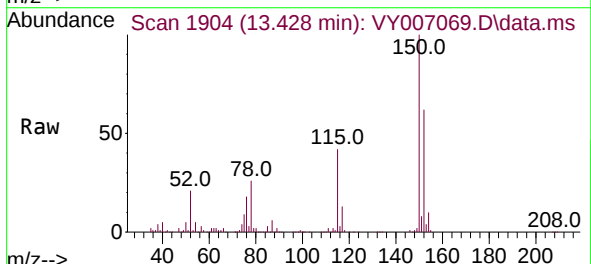
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

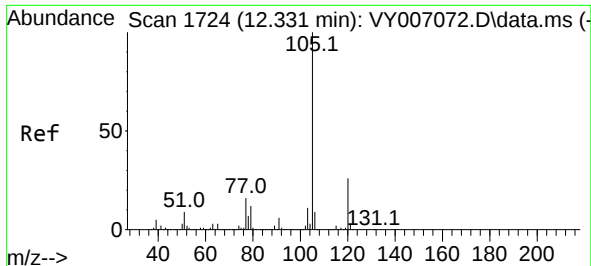
Tgt Ion:173 Resp: 5196
Ion Ratio Lower Upper
173 100
175 47.3 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion:152 Resp: 98860
Ion Ratio Lower Upper
152 100
115 64.1 31.4 94.0
150 161.1 0.0 348.4

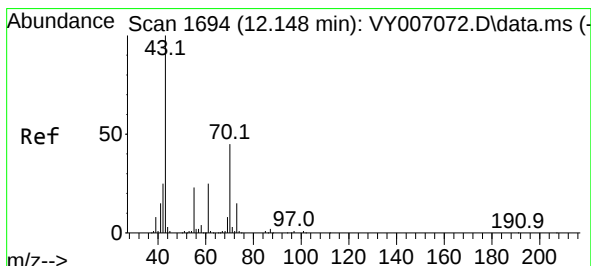
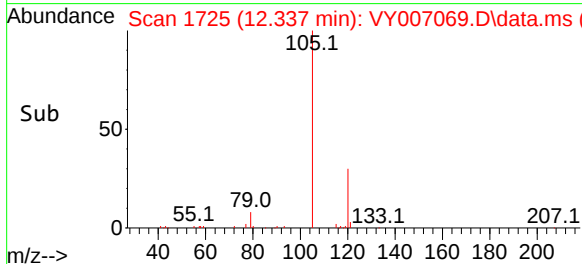
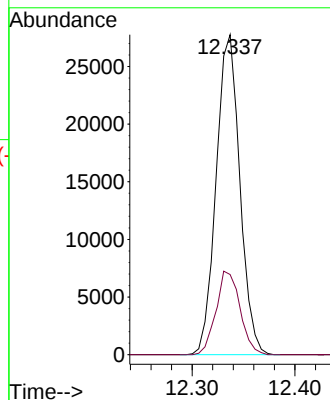
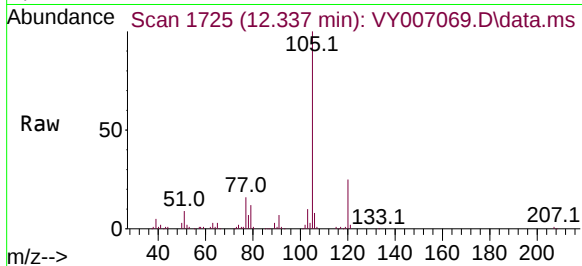




#73
Isopropylbenzene
Concen: 5.152 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

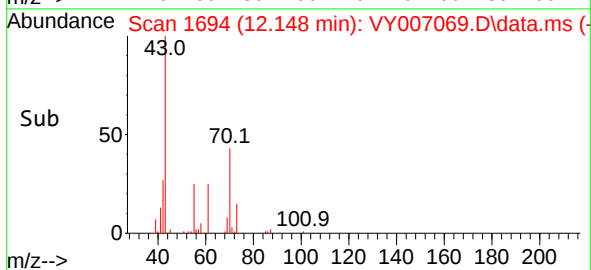
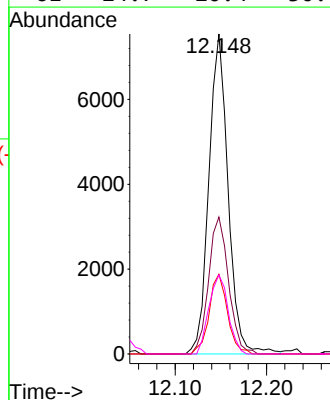
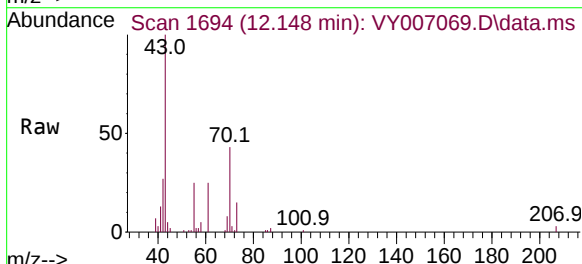
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

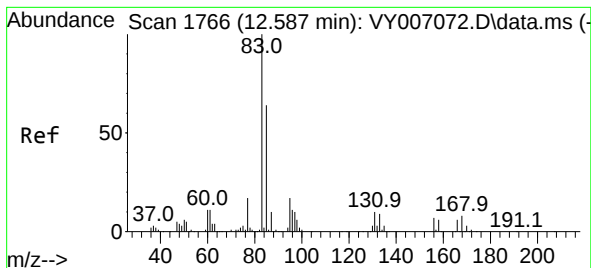
Tgt Ion:105 Resp: 44331
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 4.933 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 43 Resp: 10997
Ion Ratio Lower Upper
43 100
70 44.5 36.2 54.4
55 23.8 19.0 28.4
61 24.7 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.224 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

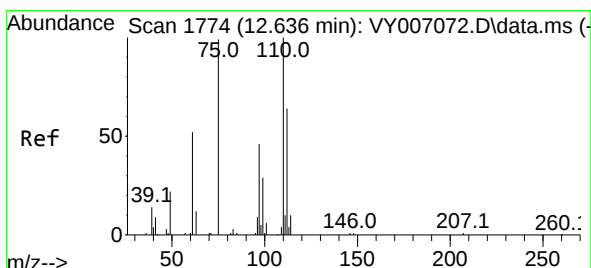
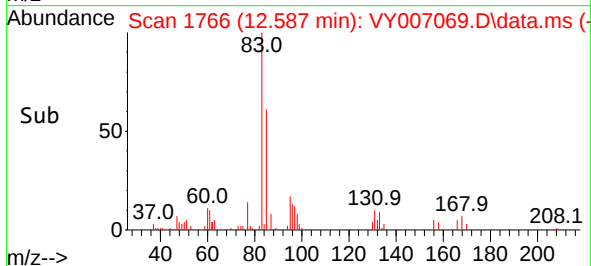
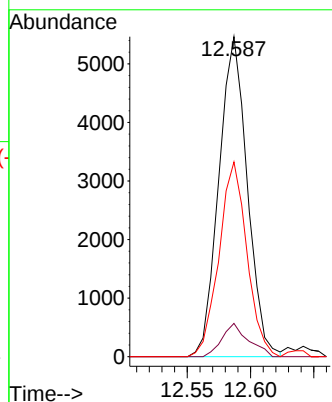
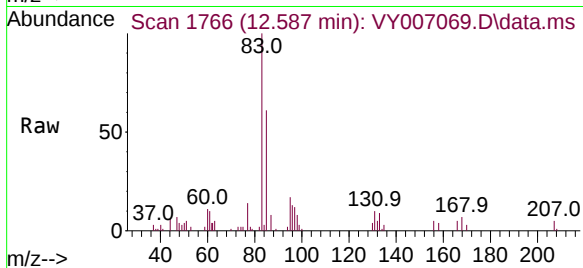
Tgt Ion: 83 Resp: 8538

Ion Ratio Lower Upper

83 100

131 9.6 5.3 16.1

85 59.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 9.430 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY007069.D

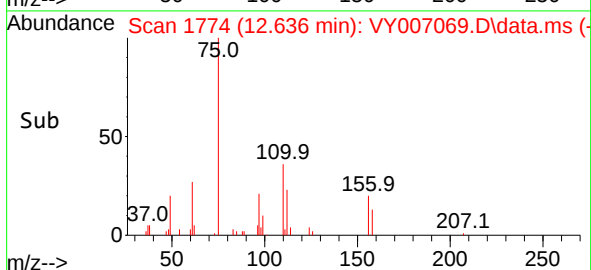
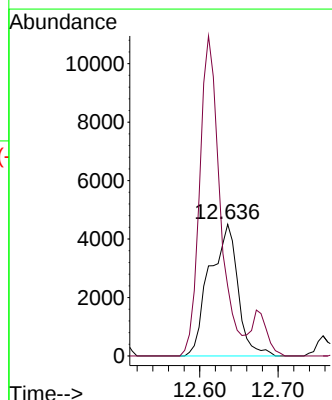
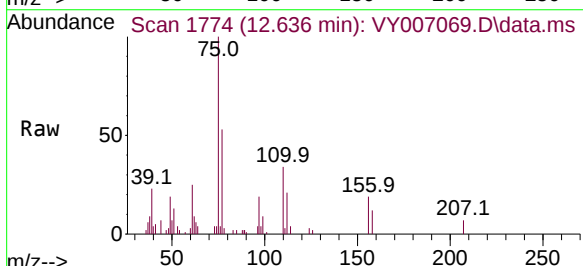
Acq: 08 Jan 2022 10:51

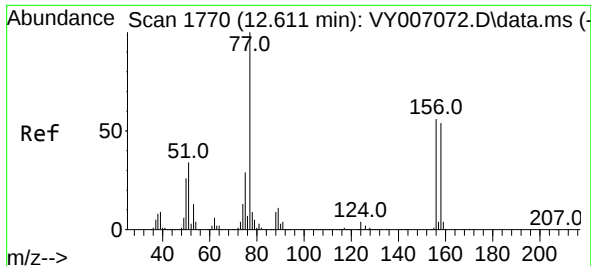
Tgt Ion: 75 Resp: 11347

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

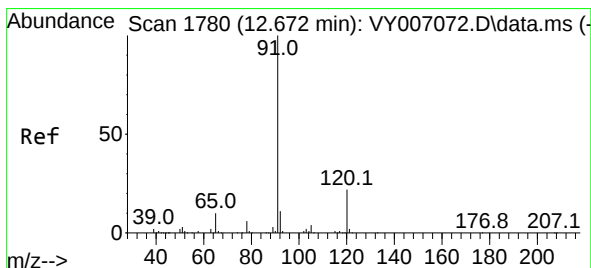
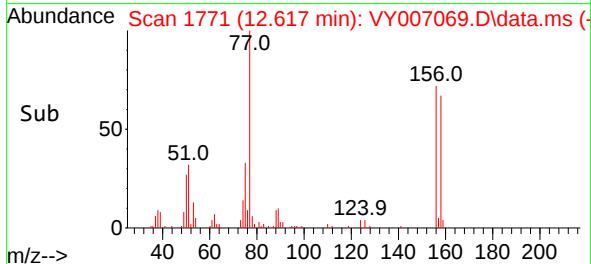
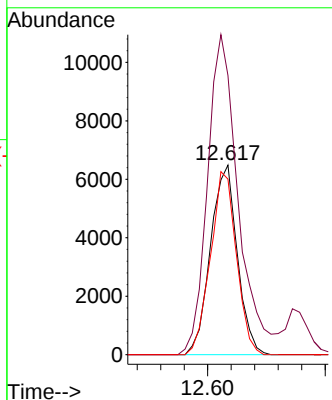
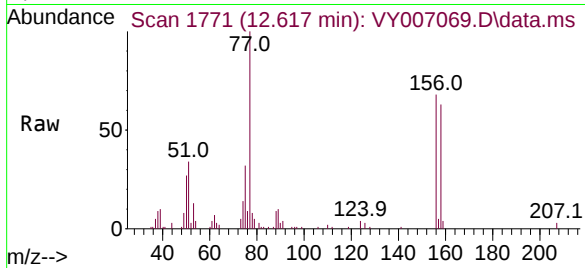




#77
Bromobenzene
Concen: 5.490 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

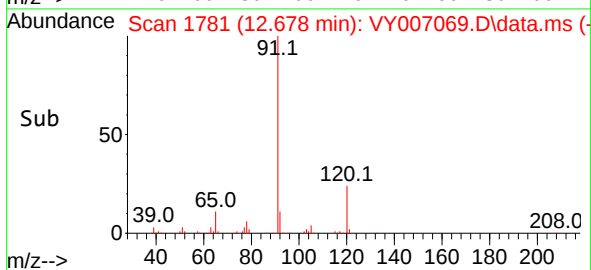
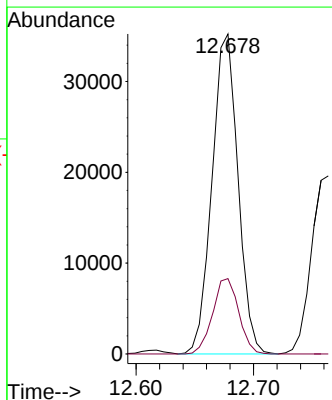
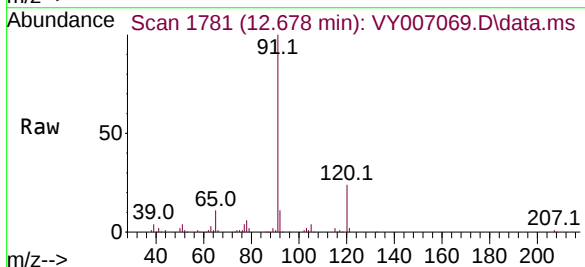
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

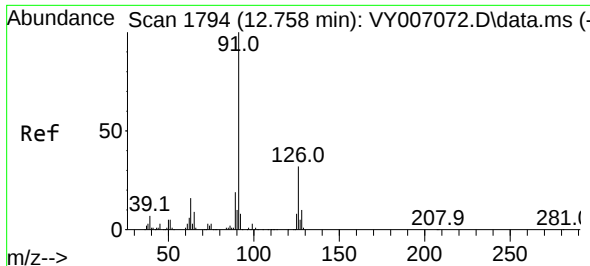
Tgt Ion:156 Resp: 10268
Ion Ratio Lower Upper
156 100
77 191.8 98.7 296.1
158 93.6 48.4 145.2



#78
n-propylbenzene
Concen: 5.163 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 91 Resp: 54121
Ion Ratio Lower Upper
91 100
120 23.6 11.2 33.5

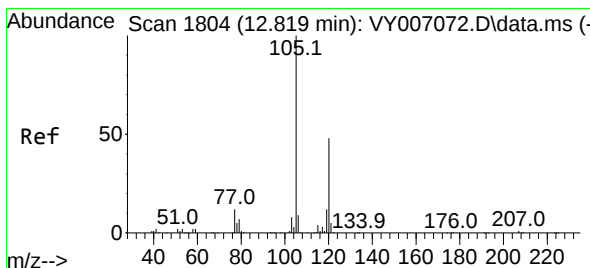
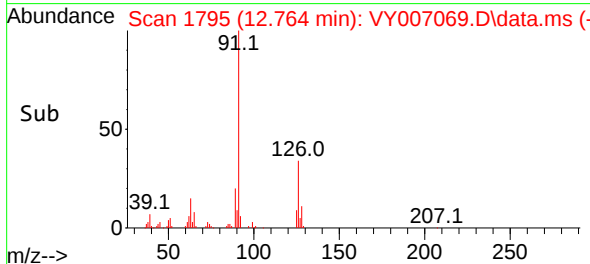
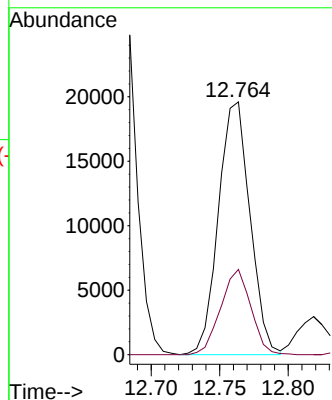
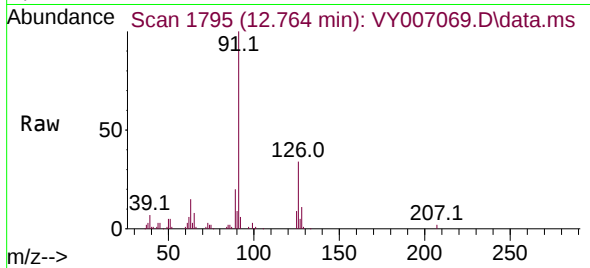




#79
2-Chlorotoluene
Concen: 5.277 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

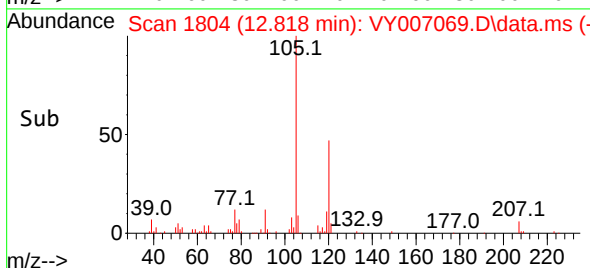
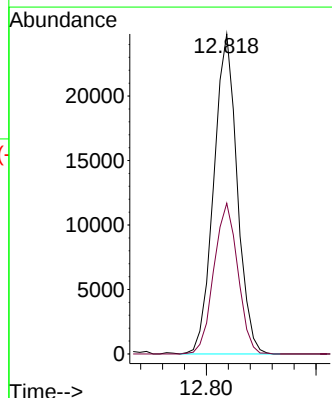
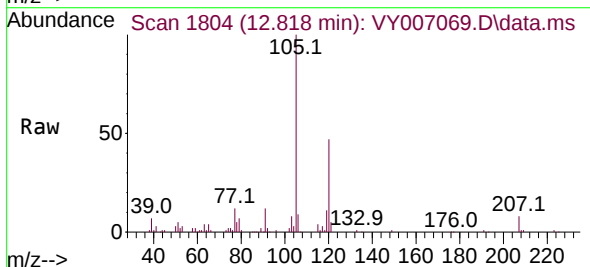
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

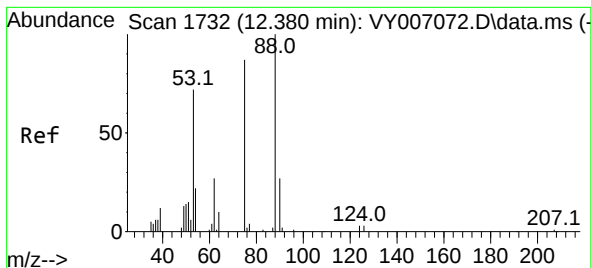
Tgt Ion: 91 Resp: 31474
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 5.171 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 105 Resp: 36774
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1

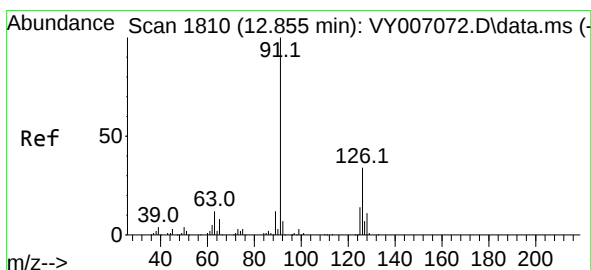
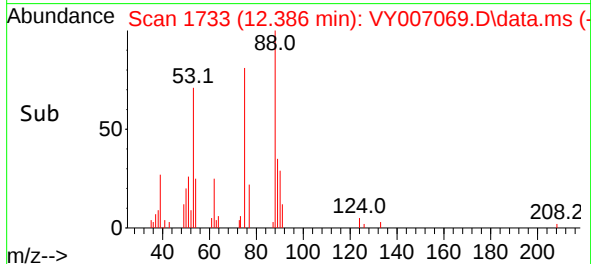
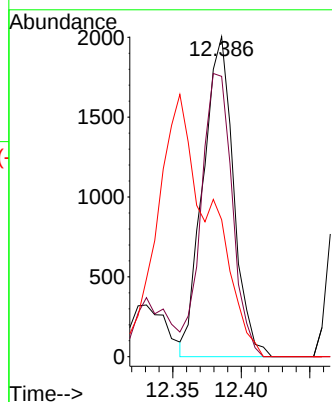
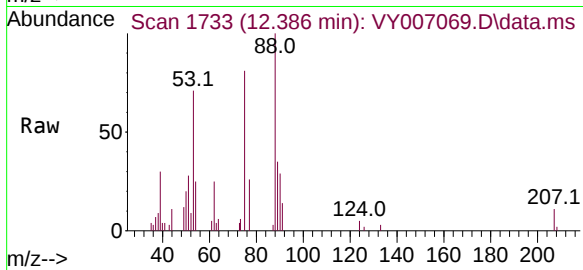




#81
trans-1,4-Dichloro-2-butene
Concen: 4.698 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

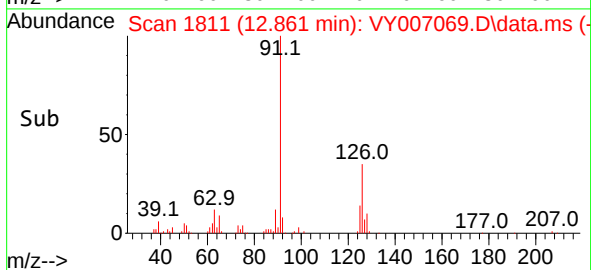
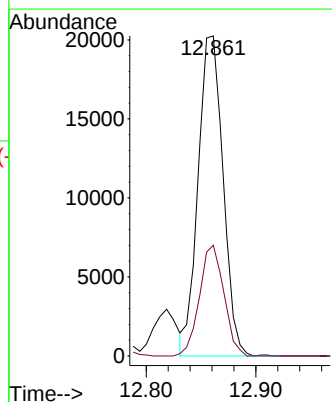
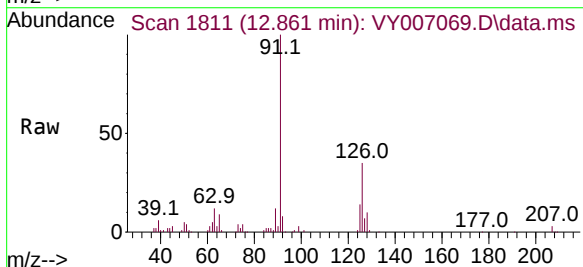
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

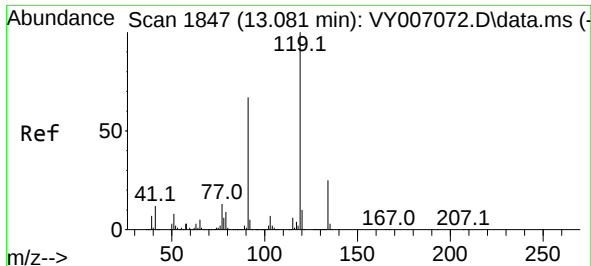
Tgt Ion: 75 Resp: 3092
Ion Ratio Lower Upper
75 100
53 89.8 73.9 110.9
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 5.162 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 91 Resp: 32043
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.9

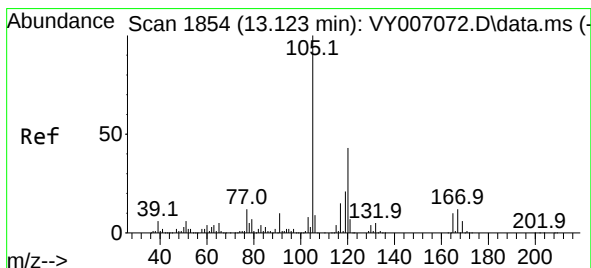
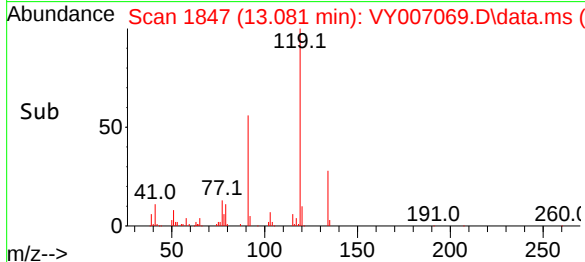
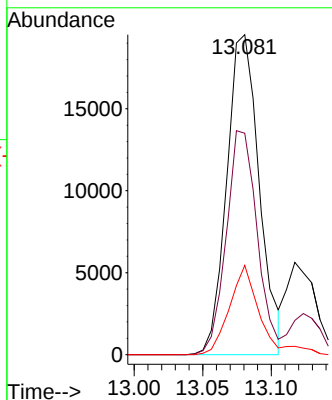
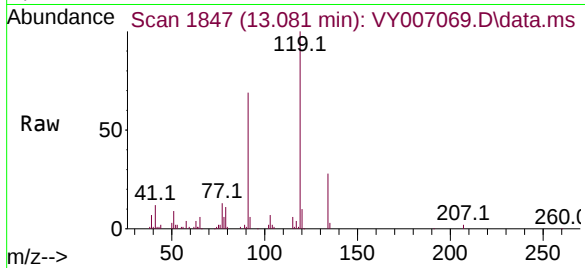




#83
tert-Butylbenzene
Concen: 5.150 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

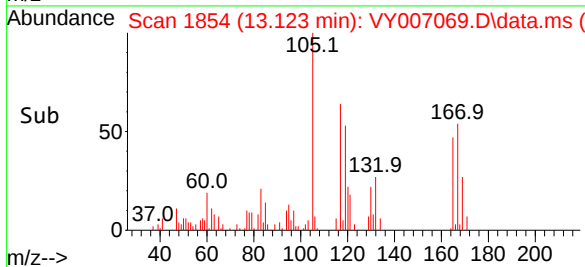
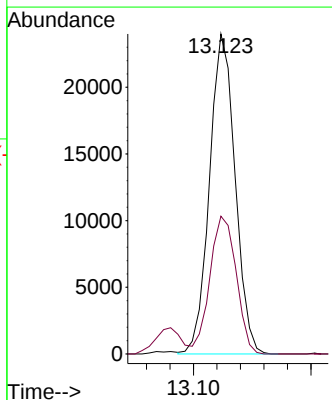
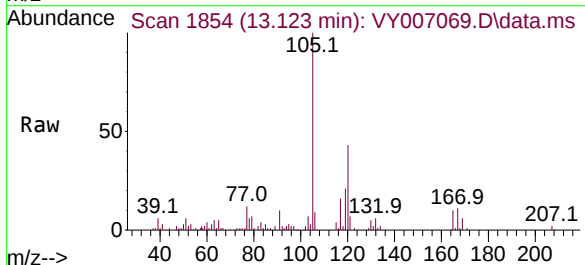
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

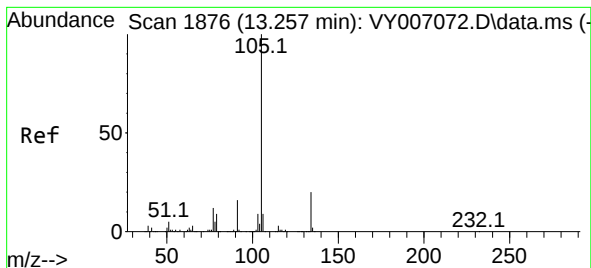
Tgt Ion:119 Resp: 32286
Ion Ratio Lower Upper
119 100
91 66.5 33.1 99.5
134 26.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 5.190 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion:105 Resp: 36313
Ion Ratio Lower Upper
105 100
120 44.1 21.6 64.6





#85

sec-Butylbenzene

Concen: 5.204 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

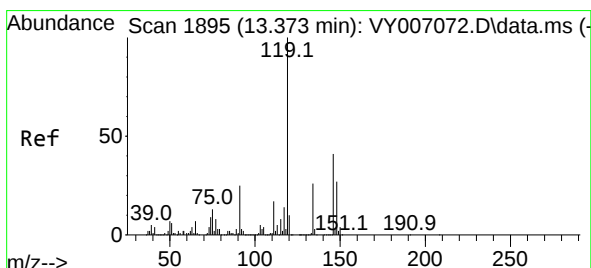
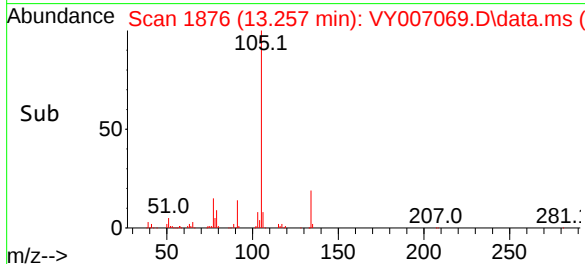
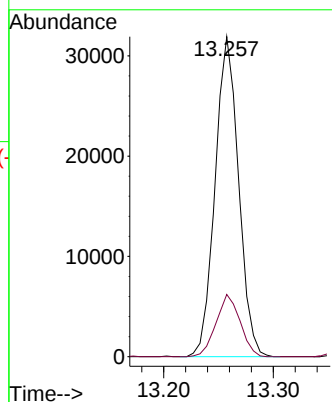
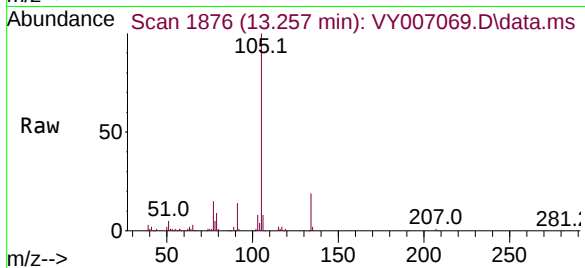
VSTDIC005

Tgt Ion:105 Resp: 47509

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 5.173 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

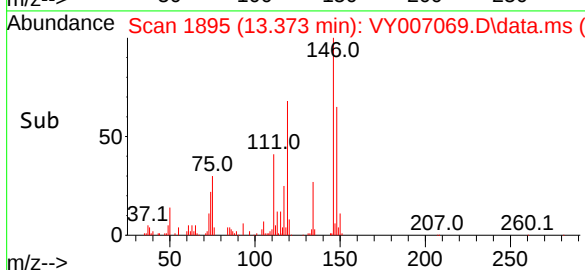
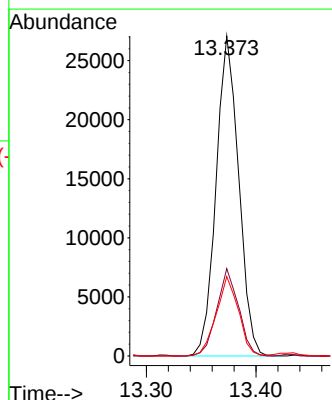
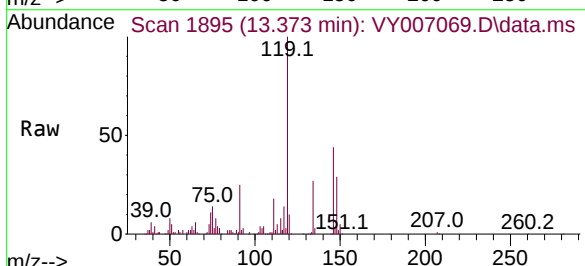
Tgt Ion:119 Resp: 38796

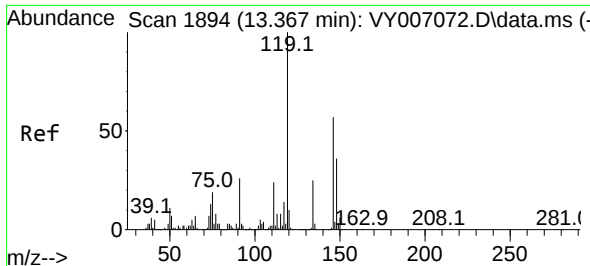
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.349 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

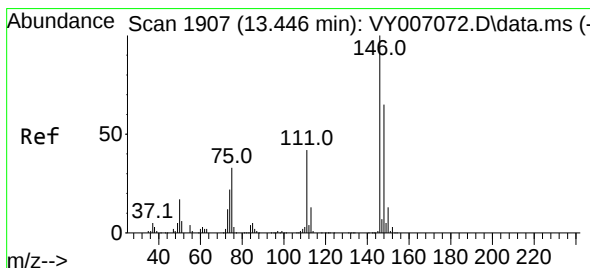
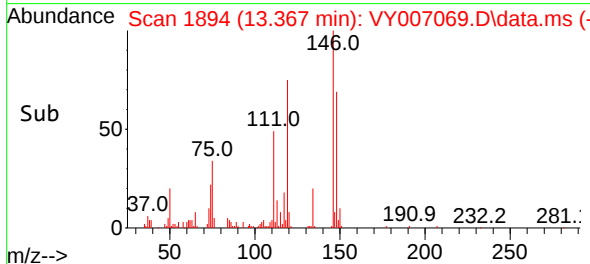
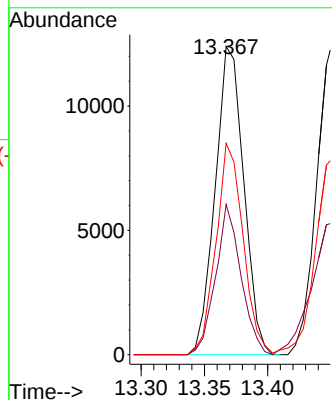
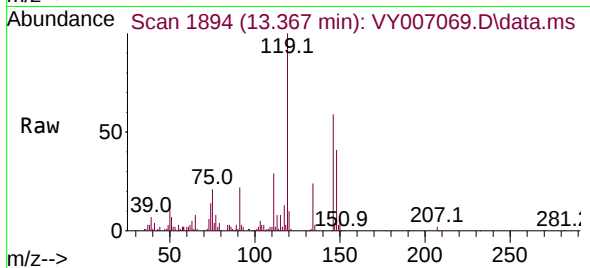
Tgt Ion:146 Resp: 19460

Ion Ratio Lower Upper

146 100

111 43.3 21.1 63.1

148 65.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 5.399 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

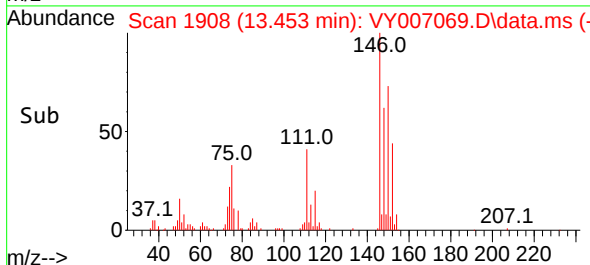
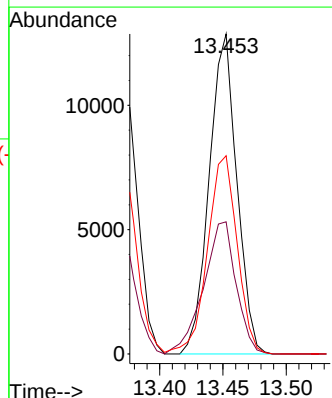
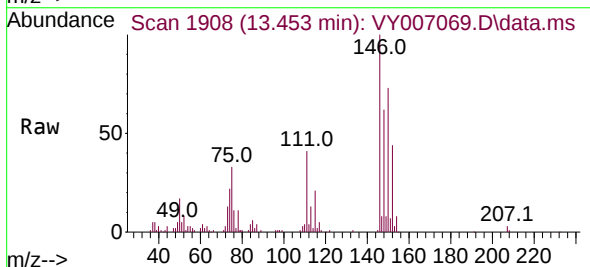
Tgt Ion:146 Resp: 19592

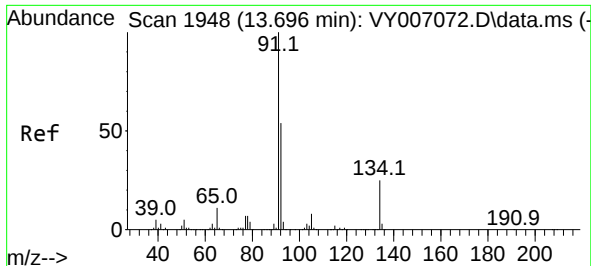
Ion Ratio Lower Upper

146 100

111 48.7 20.7 62.1

148 66.3 32.0 96.2

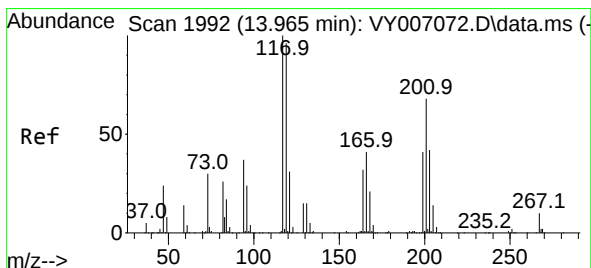
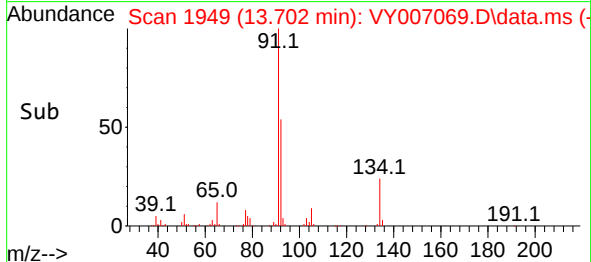
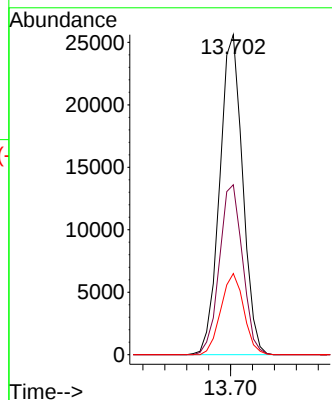
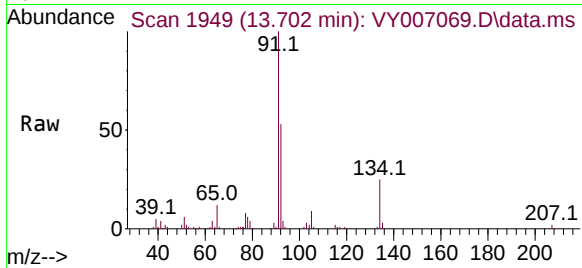




#89
n-Butylbenzene
Concen: 5.141 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

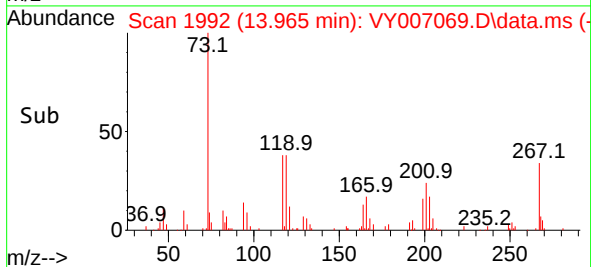
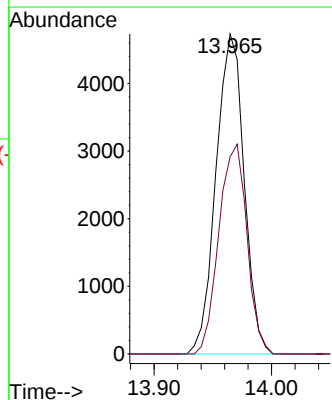
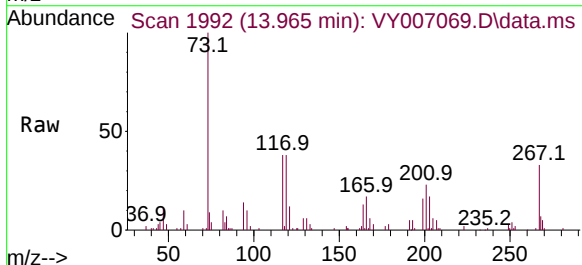
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

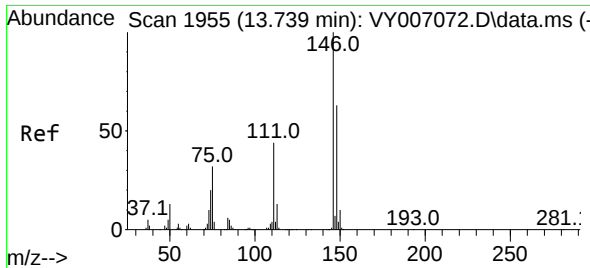
Tgt Ion: 91	Resp:	37271
Ion Ratio	Lower	Upper
91	100	
92	53.7	26.9 80.6
134	25.3	12.6 37.6



#90
Hexachloroethane
Concen: 5.266 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY007069.D
Acq: 08 Jan 2022 10:51

Tgt Ion: 117	Resp:	7863
Ion Ratio	Lower	Upper
117	100	
201	65.4	33.6 100.6

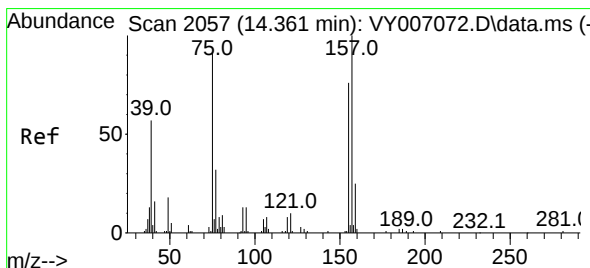
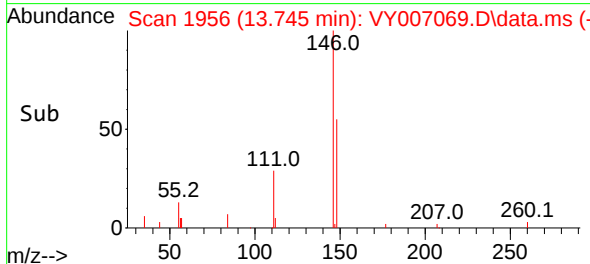
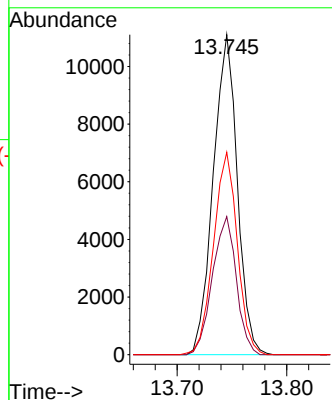
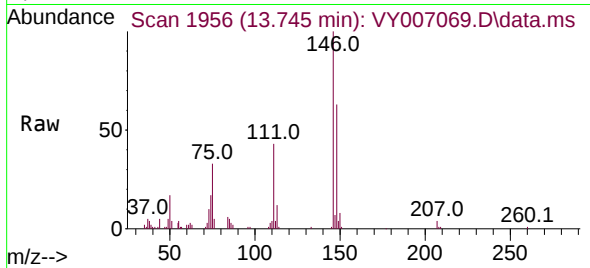




#91
 1,2-Dichlorobenzene
 Concen: 5.269 ug/l
 RT: 13.745 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY007069.D
 Acq: 08 Jan 2022 10:51

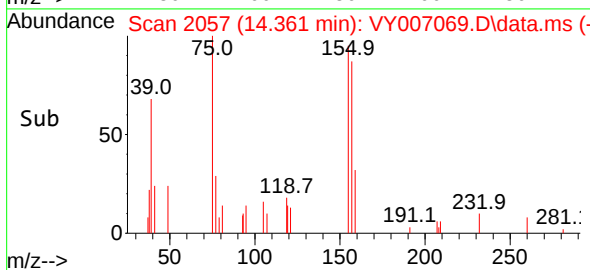
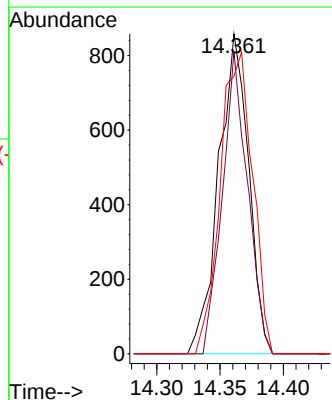
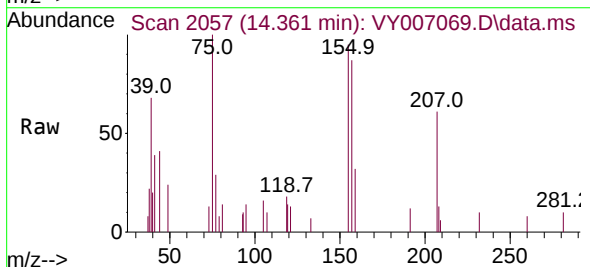
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

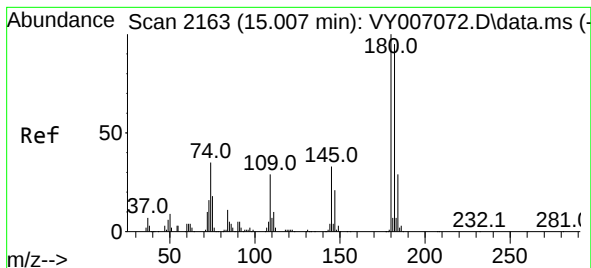
Tgt Ion:146 Resp: 16926
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 62.7 31.1 93.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.657 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VY007069.D
 Acq: 08 Jan 2022 10:51

Tgt Ion: 75 Resp: 1413
 Ion Ratio Lower Upper
 75 100
 155 79.5 40.1 120.2
 157 101.8 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 5.020 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

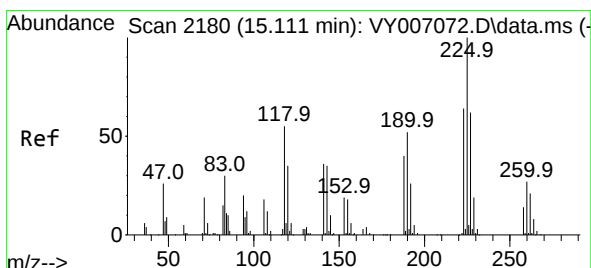
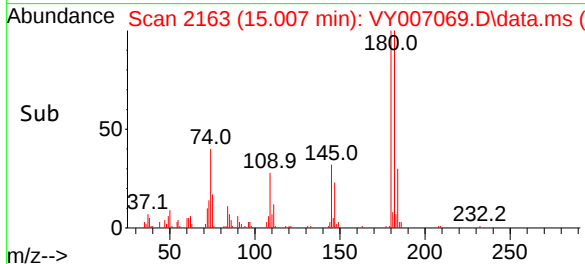
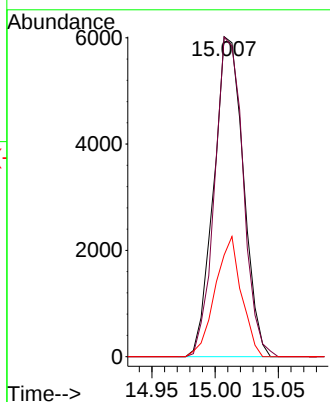
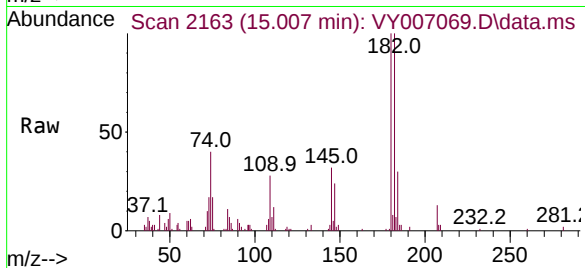
Tgt Ion:180 Resp: 9782

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.8

145 33.3 16.4 49.1



#94

Hexachlorobutadiene

Concen: 5.231 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

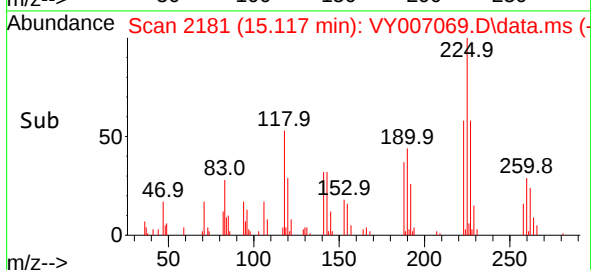
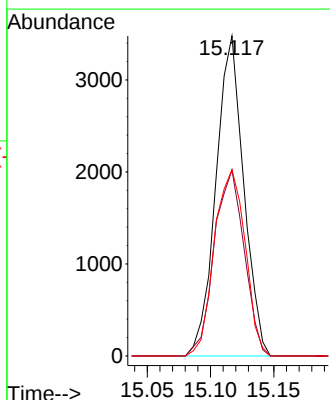
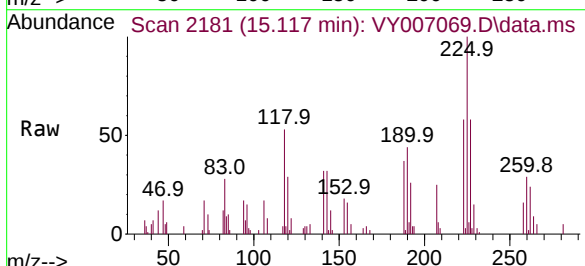
Tgt Ion:225 Resp: 5310

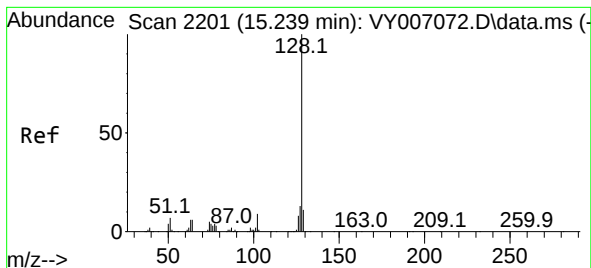
Ion Ratio Lower Upper

225 100

223 62.6 32.6 97.8

227 64.6 32.0 96.2





#95

Naphthalene

Concen: 4.611 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

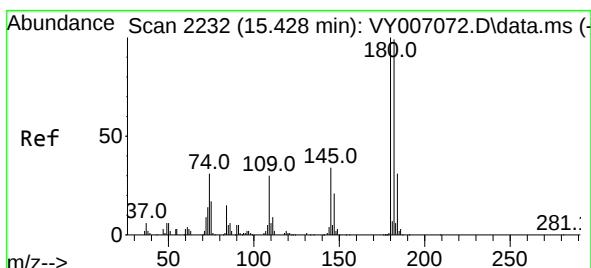
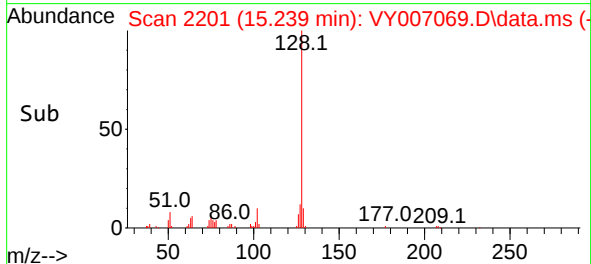
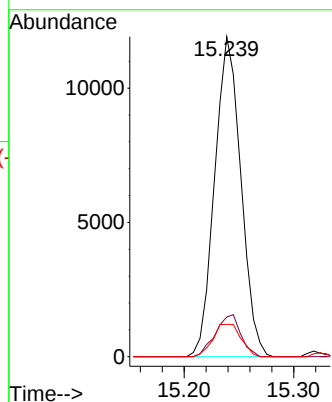
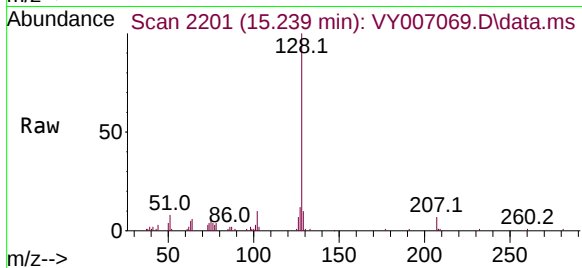
Tgt Ion:128 Resp: 19808

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 4.953 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY007069.D

Acq: 08 Jan 2022 10:51

Tgt Ion:180 Resp: 8304

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 33.6 17.2 51.5

