

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008569.D
 Acq On : 29 Apr 2022 19:05
 Operator : KP/MD
 Sample : VSTDCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCC050EC

Quant Time: Apr 30 00:41:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	111431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	173646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127982	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54585	41.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.260%
35) Dibromofluoromethane	7.716	113	55204	46.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.520%
50) Toluene-d8	10.179	98	212858	44.990	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.980%
62) 4-Bromofluorobenzene	12.483	95	94572	58.859	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40157	39.684	ug/l	98
3) Chloromethane	2.113	50	70744	44.429	ug/l	95
4) Vinyl Chloride	2.247	62	95533	46.173	ug/l	98
5) Bromomethane	2.650	94	80990	42.099	ug/l	99
6) Chloroethane	2.796	64	63936	46.450	ug/l	99
7) Trichlorofluoromethane	3.125	101	87728	40.931	ug/l	93
8) Diethyl Ether	3.528	74	27259	36.952	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	53318	41.789	ug/l	93
10) Methyl Iodide	4.088	142	66092	39.677	ug/l	92
11) Tert butyl alcohol	4.954	59	24202	174.932	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	48314	40.109	ug/l	82
13) Acrolein	3.723	56	12052	86.338	ug/l	97
14) Allyl chloride	4.479	41	66335	42.191	ug/l #	87
15) Acrylonitrile	5.161	53	70110	185.881	ug/l	96
16) Acetone	3.942	43	47682	156.137	ug/l	90
17) Carbon Disulfide	4.192	76	139545	38.319	ug/l	100
18) Methyl Acetate	4.473	43	30174	35.232	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	147227	38.628	ug/l	93
20) Methylene Chloride	4.710	84	67328	41.321	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	60657	41.281	ug/l #	82
22) Diisopropyl ether	6.119	45	157426	41.462	ug/l #	94
23) Vinyl Acetate	6.058	43	526056	202.090	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	101064	42.762	ug/l	96
25) 2-Butanone	6.984	43	86453	182.987	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	93098	42.531	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	70976	42.229	ug/l	82
28) Bromochloromethane	7.332	49	42208	44.274	ug/l #	77
29) Tetrahydrofuran	7.344	42	57049	187.477	ug/l #	75
30) Chloroform	7.502	83	110502	42.559	ug/l	97
31) Cyclohexane	7.783	56	86816	40.278	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	100674	44.281	ug/l	96
36) 1,1-Dichloropropene	7.917	75	82956	43.705	ug/l	96
37) Ethyl Acetate	7.070	43	41224	39.272	ug/l #	93
38) Carbon Tetrachloride	7.899	117	89438	45.352	ug/l	97
39) Methylcyclohexane	9.179	83	110578	45.500	ug/l #	86
40) Benzene	8.161	78	245710	44.372	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	53562	105.219	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	70004	41.990	ug/l	90
43) Isopropyl Acetate	8.271	43	78941	40.890	ug/l #	87
44) Trichloroethene	8.941	130	69027	45.246	ug/l	98
45) 1,2-Dichloropropane	9.216	63	59656	44.862	ug/l	94
46) Dibromomethane	9.301	93	38061	40.854	ug/l	95
47) Bromodichloromethane	9.496	83	87994	44.494	ug/l	97
48) Methyl methacrylate	9.289	41	34046	41.476	ug/l #	78
49) 1,4-Dioxane	9.295	88	9499	808.573	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	209797	206.578	ug/l #	87
52) Toluene	10.246	92	167182	45.653	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	91775	43.273	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	100937	42.948	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	53964	42.439	ug/l	98
56) Ethyl methacrylate	10.508	69	70920	43.196	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	87978	42.385	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	185058	205.666	ug/l	91
59) 2-Hexanone	10.831	43	145367	208.001	ug/l	83
60) Dibromochloromethane	10.984	129	64020	43.823	ug/l	99
61) 1,2-Dibromoethane	11.087	107	52229	41.530	ug/l	99
64) Tetrachloroethene	10.721	164	60571	47.037	ug/l	99
65) Chlorobenzene	11.514	112	180729	46.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	67730	46.723	ug/l	97
67) Ethyl Benzene	11.593	91	325479	47.765	ug/l	98
68) m/p-Xylenes	11.703	106	262786	96.277	ug/l	91
69) o-Xylene	12.032	106	124784	47.487	ug/l	90
70) Styrene	12.044	104	212565	48.002	ug/l	94
71) Bromoform	12.209	173	39584	43.573	ug/l #	98
73) Isopropylbenzene	12.331	105	331943	34.209	ug/l	99
74) N-amyl acetate	12.142	43	74418	31.039	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	76501	35.285	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	95866	57.880	ug/l #	100
77) Bromobenzene	12.611	156	109234	46.158	ug/l	78
78) n-propylbenzene	12.672	91	475967	40.894	ug/l	94
79) 2-Chlorotoluene	12.758	91	270950	41.361	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	344369	42.756	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	21460	30.058	ug/l	85
82) 4-Chlorotoluene	12.855	91	269633	39.720	ug/l	91
83) tert-Butylbenzene	13.075	119	333182	47.652	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	361403	45.223	ug/l	96
85) sec-Butylbenzene	13.258	105	480752	45.560	ug/l	96
86) p-Isopropyltoluene	13.373	119	415090	46.972	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	217808	45.972	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	214115	45.621	ug/l	98
89) n-Butylbenzene	13.696	91	340012	42.392	ug/l	96
90) Hexachloroethane	13.965	117	58286	36.686	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	186317	44.226	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9342	28.672	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	75532	32.210	ug/l	99
94) Hexachlorobutadiene	15.117	225	40459	35.361	ug/l	99
95) Naphthalene	15.239	128	163166	30.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	65866	32.090	ug/l	98

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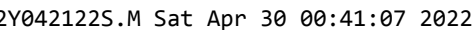
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

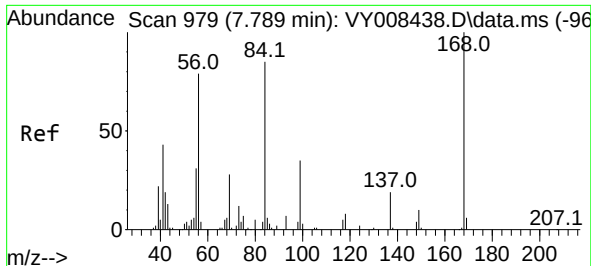
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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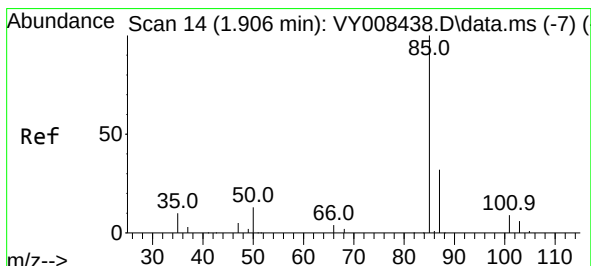
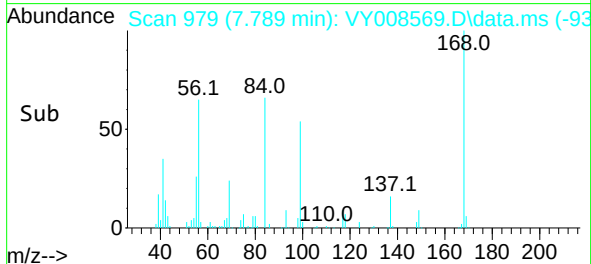
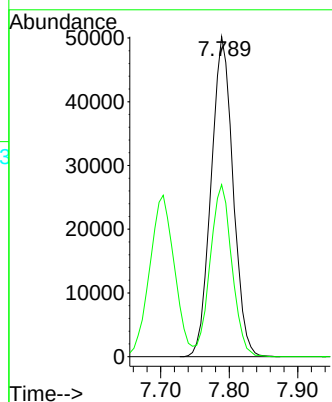
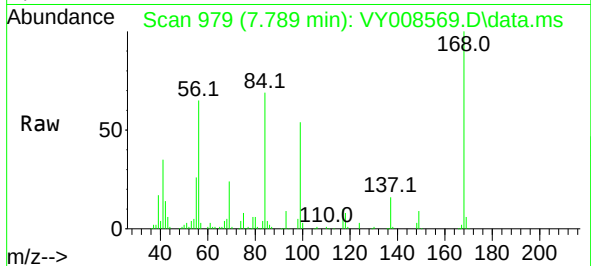




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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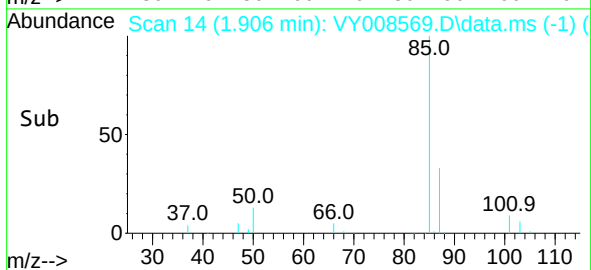
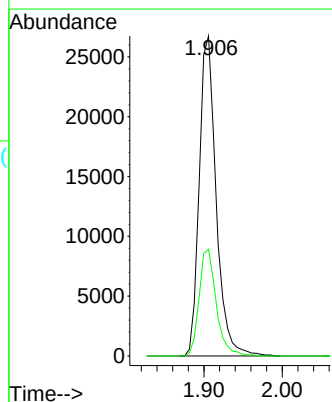
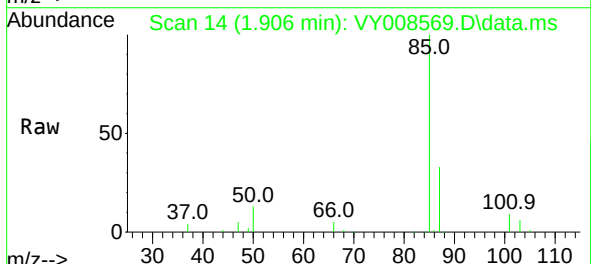
Instrument :
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ClientSampleId :
VSTDCCC050EC

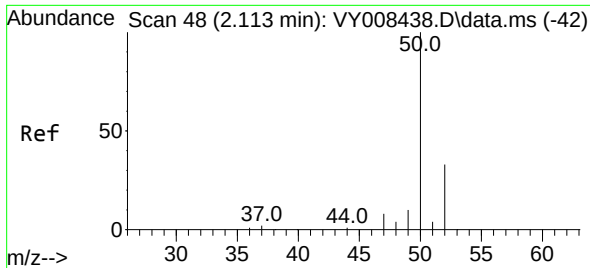
Tgt Ion:168 Resp: 111431
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 39.684 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 85 Resp: 40157
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2

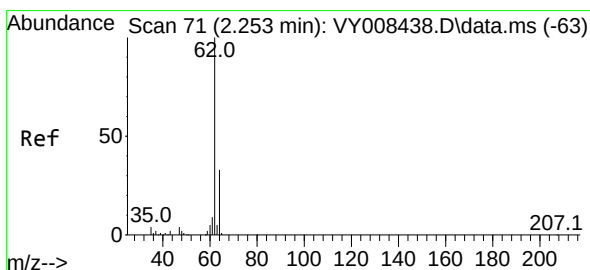
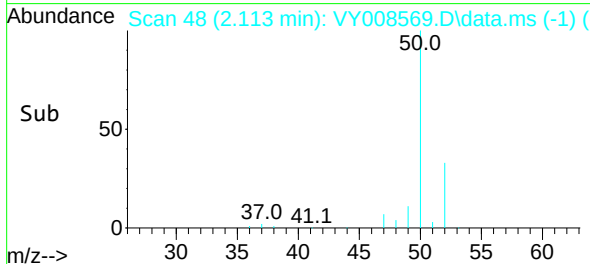
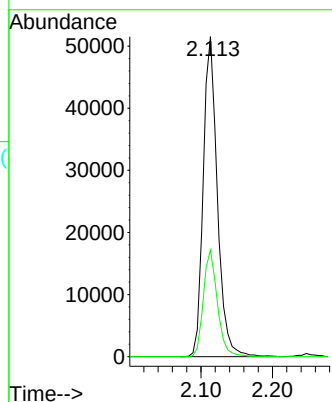
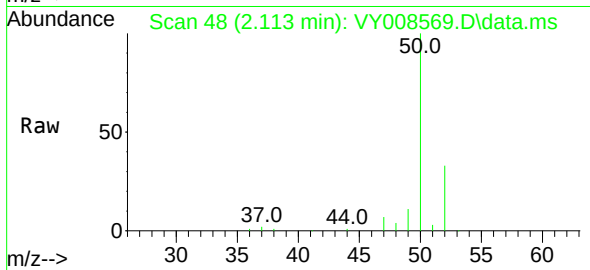




#3
Chloromethane
Concen: 44.429 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

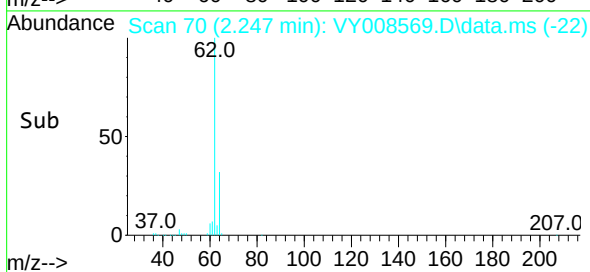
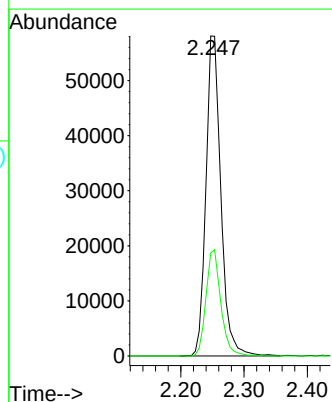
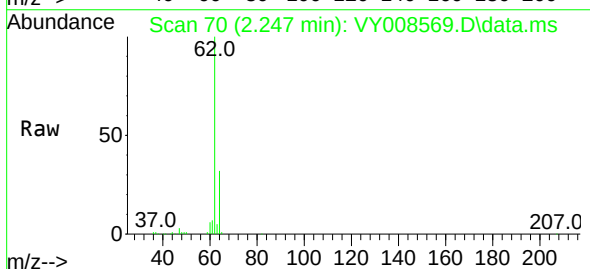
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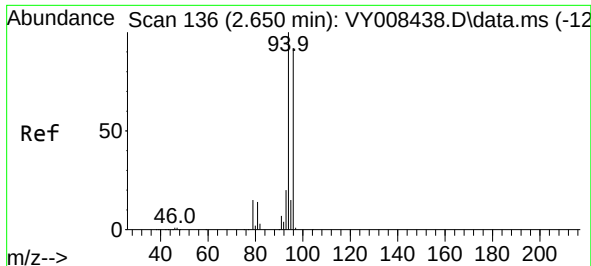
Tgt Ion: 50 Resp: 70744
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 46.173 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 62 Resp: 95533
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

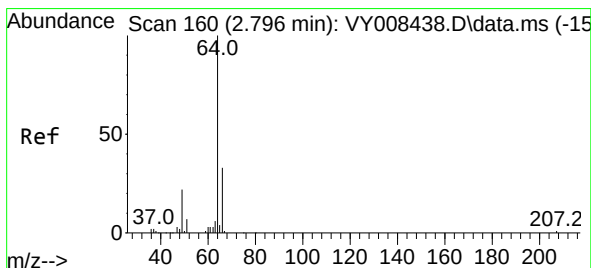
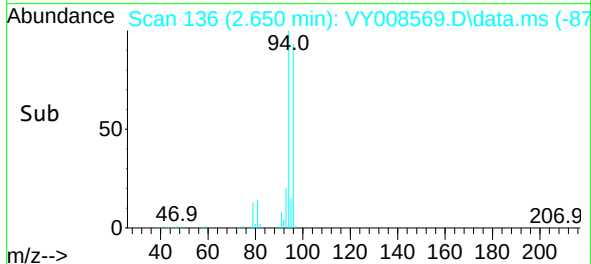
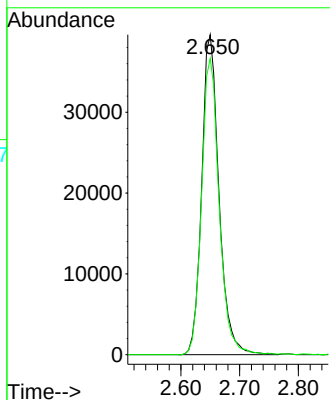
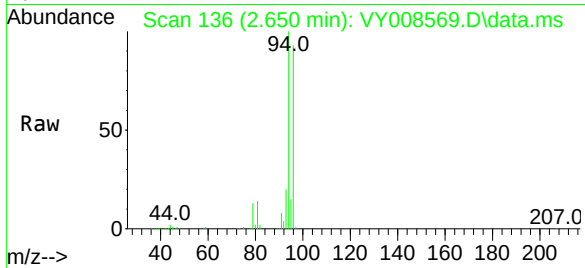




#5
Bromomethane
Concen: 42.099 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

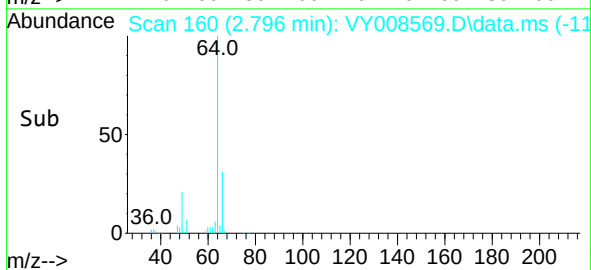
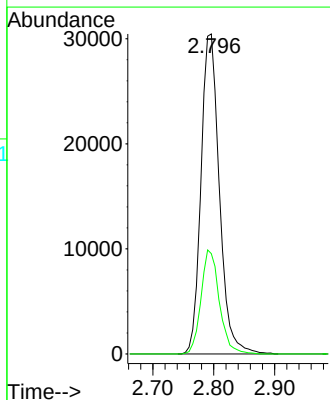
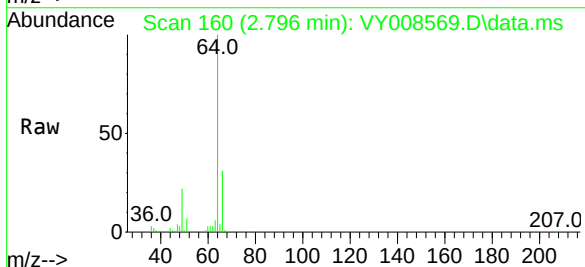
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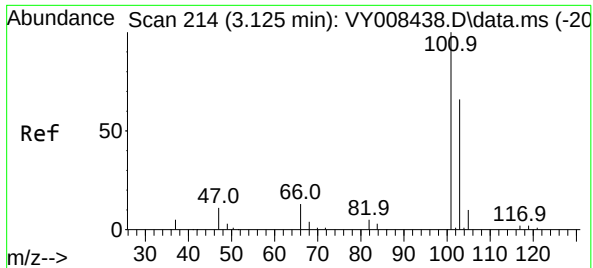
Tgt Ion: 94 Resp: 80990
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3



#6
Chloroethane
Concen: 46.450 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 64 Resp: 63936
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.0

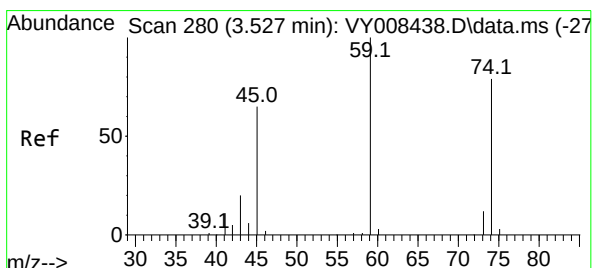
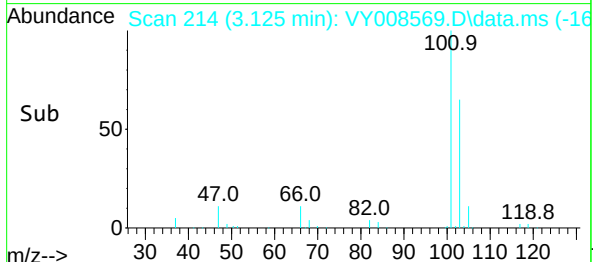
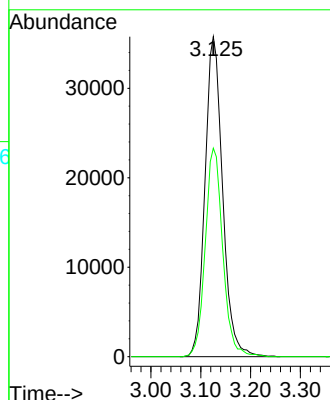
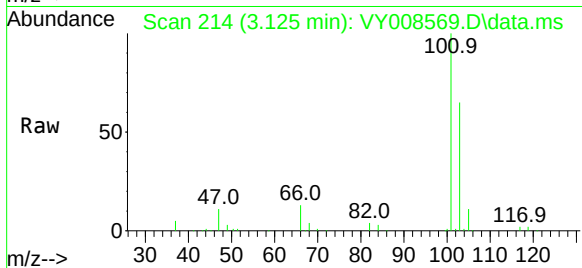




#7
 Trichlorofluoromethane
 Concen: 40.931 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

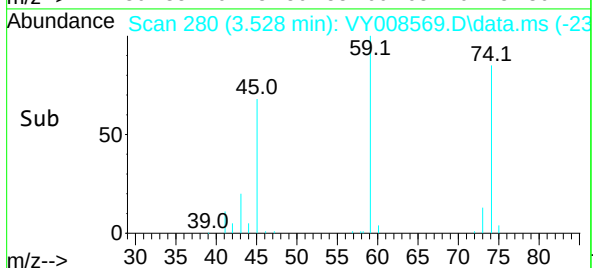
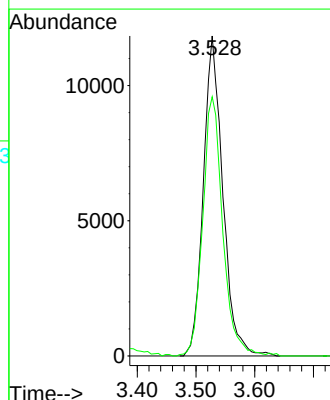
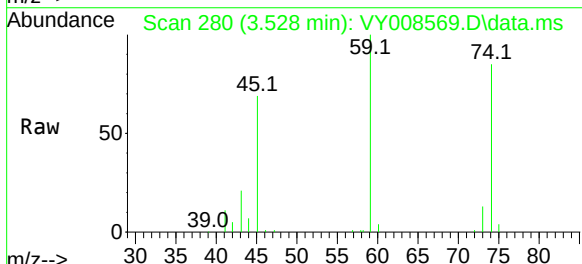
Instrument :
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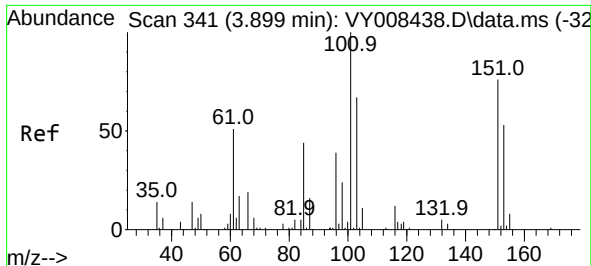
Tgt Ion:101 Resp: 87728
 Ion Ratio Lower Upper
 101 100
 103 65.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 36.952 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY008569.D
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Tgt Ion: 74 Resp: 27259
 Ion Ratio Lower Upper
 74 100
 45 83.2 55.1 165.5

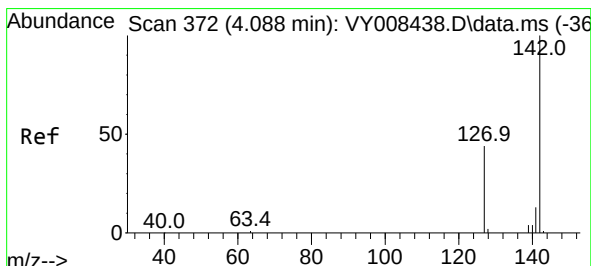
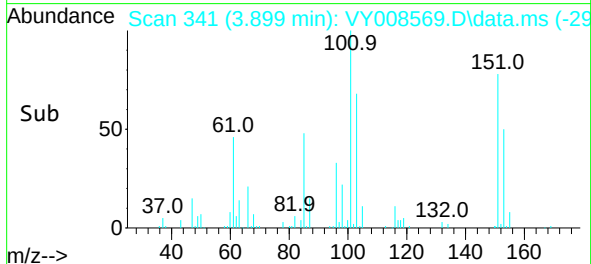
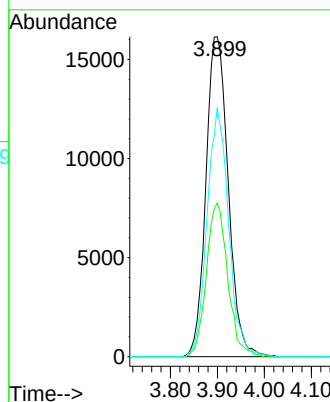
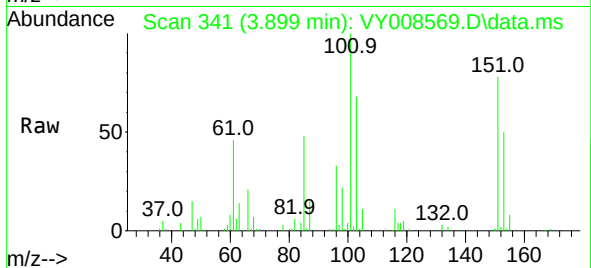




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.789 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

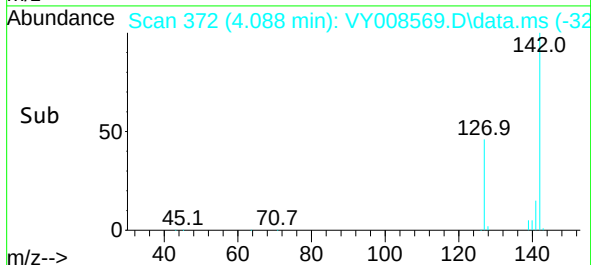
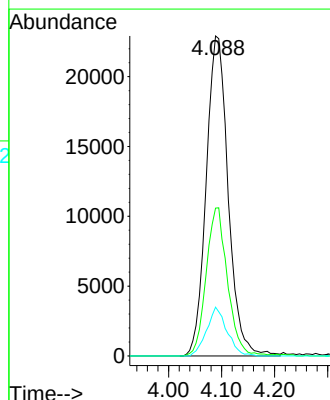
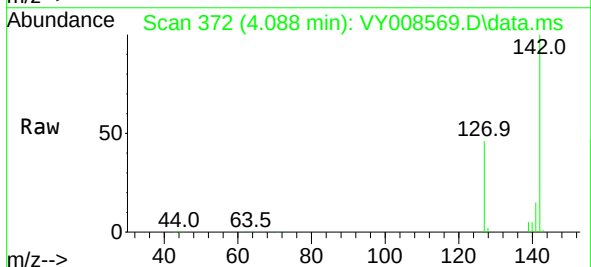
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

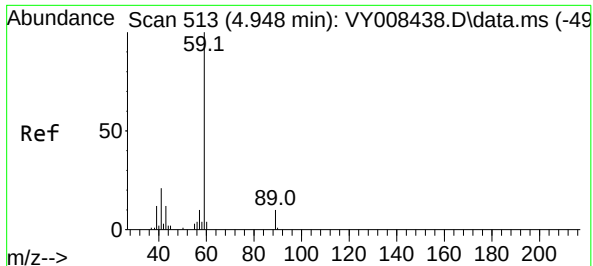
Tgt Ion:101 Resp: 53318
Ion Ratio Lower Upper
101 100
85 46.1 40.6 60.8
151 75.2 64.9 97.3



#10
Methyl Iodide
Concen: 39.677 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion:142 Resp: 66092
Ion Ratio Lower Upper
142 100
127 44.9 41.5 62.3
141 14.1 11.9 17.9





#11

Tert butyl alcohol

Concen: 174.932 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

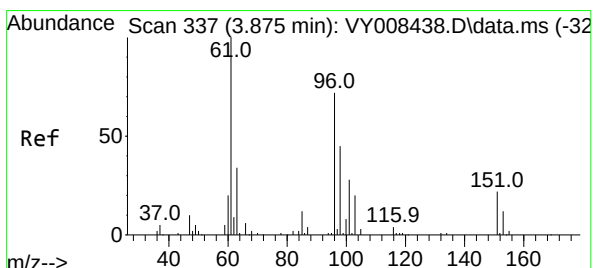
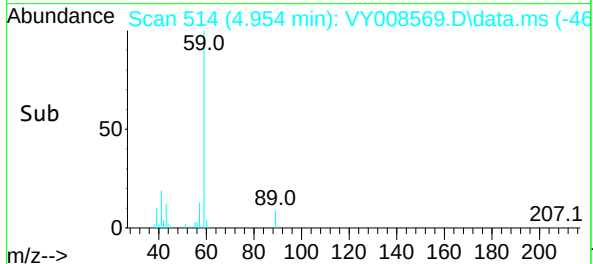
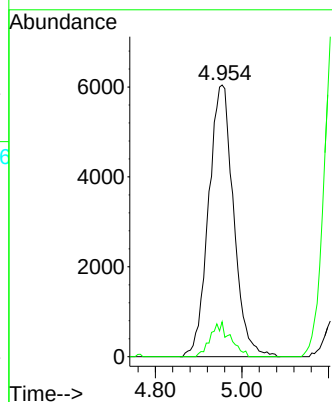
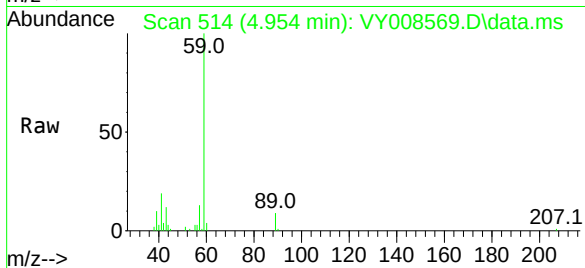
VSTDCCC050EC

Tgt Ion: 59 Resp: 24202

Ion Ratio Lower Upper

59 100

57 10.1 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 40.109 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

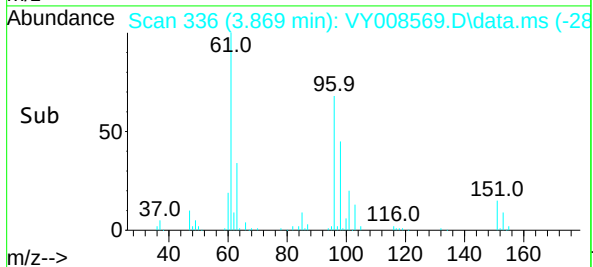
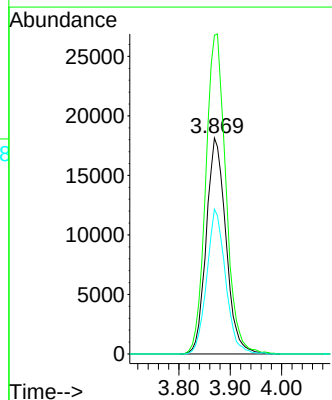
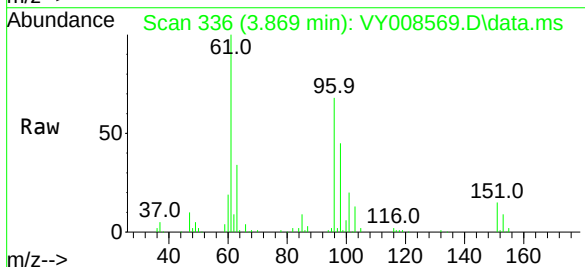
Tgt Ion: 96 Resp: 48314

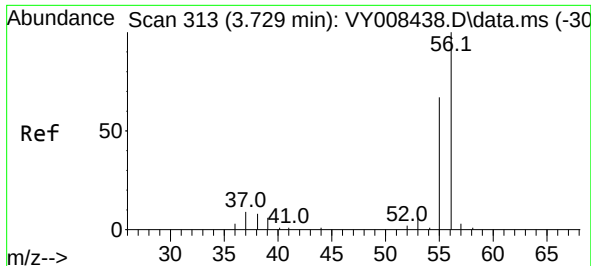
Ion Ratio Lower Upper

96 100

61 147.6 145.8 218.6

98 67.0 52.5 78.7





#13

Acrolein

Concen: 86.338 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

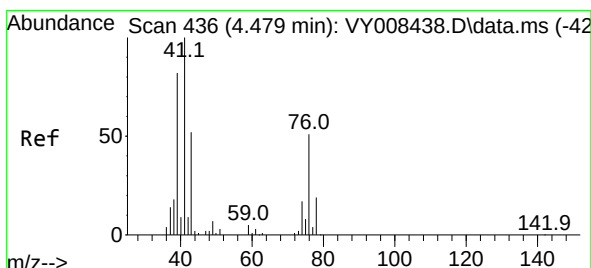
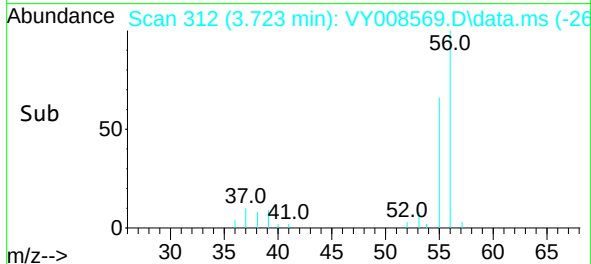
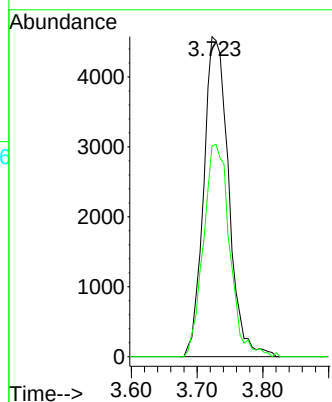
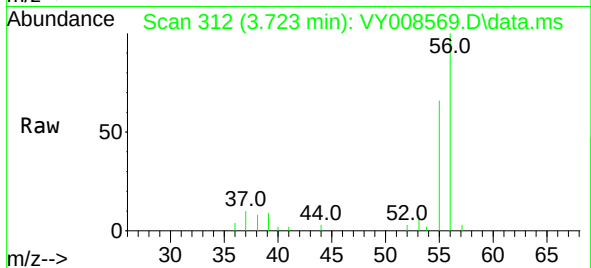
VSTDCCC050EC

Tgt Ion: 56 Resp: 12052

Ion Ratio Lower Upper

56 100

55 69.9 57.6 86.4



#14

Allyl chloride

Concen: 42.191 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

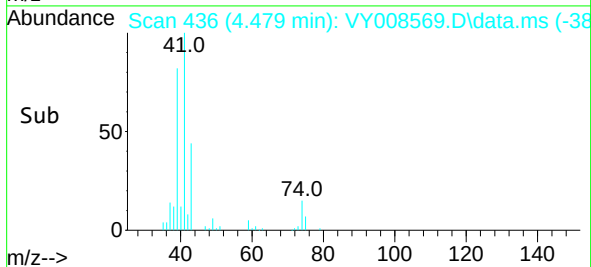
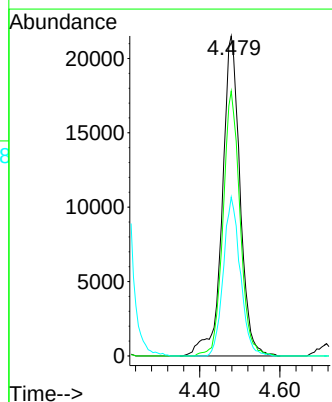
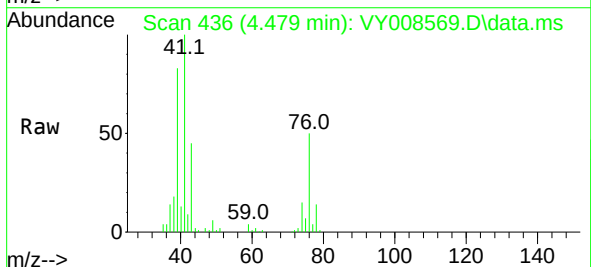
Tgt Ion: 41 Resp: 66335

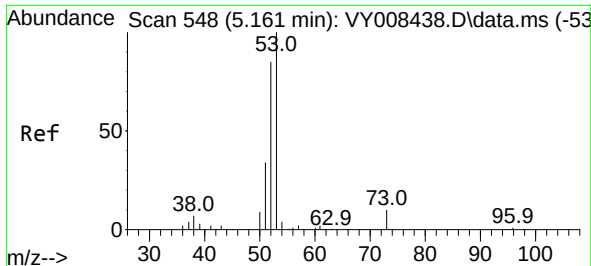
Ion Ratio Lower Upper

41 100

39 78.8 58.8 88.2

76 47.2 25.1 37.7#

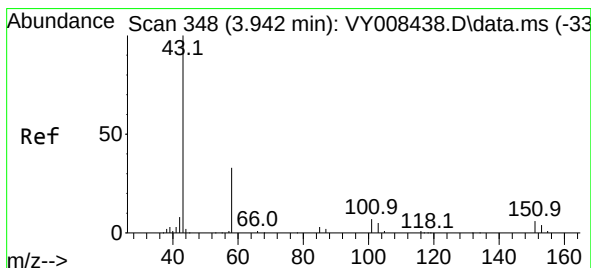
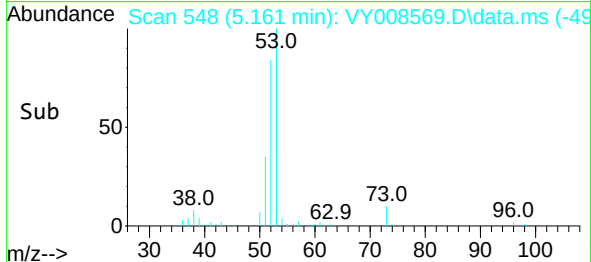
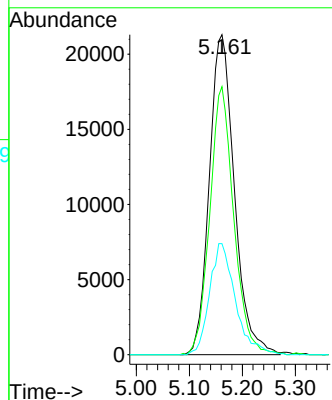
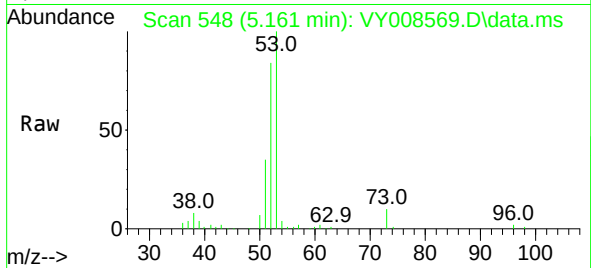




#15
Acrylonitrile
Concen: 185.881 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

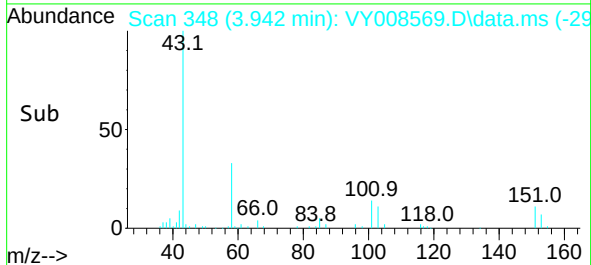
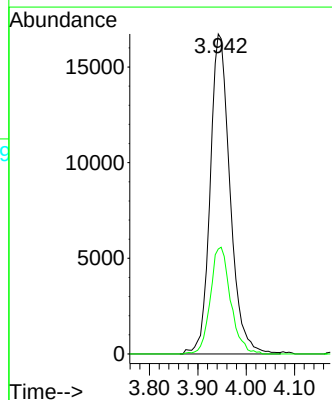
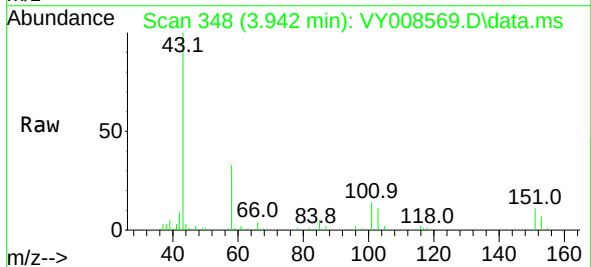
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

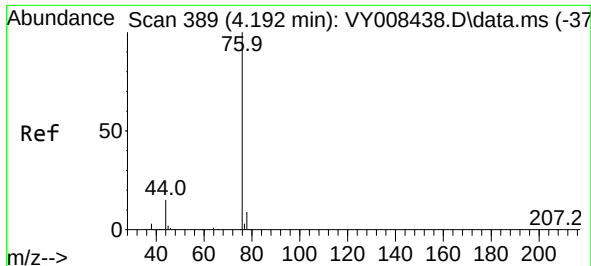
Tgt Ion: 53 Resp: 70110
Ion Ratio Lower Upper
53 100
52 80.0 67.0 100.4
51 35.8 29.8 44.6



#16
Acetone
Concen: 156.137 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 43 Resp: 47682
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0

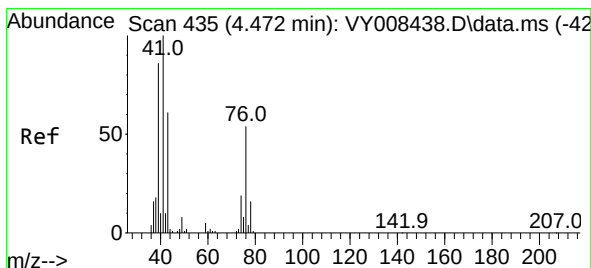
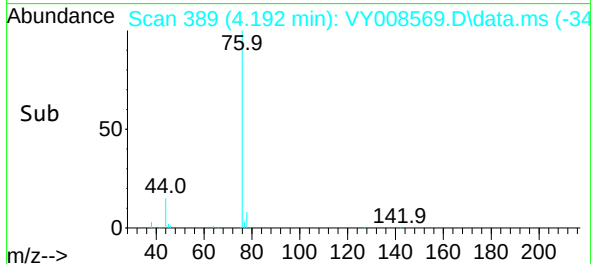
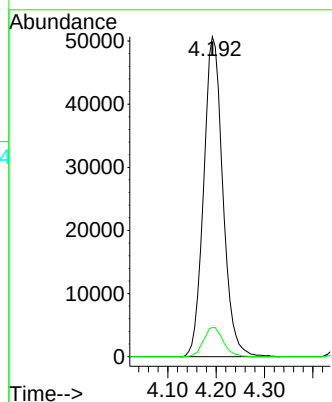
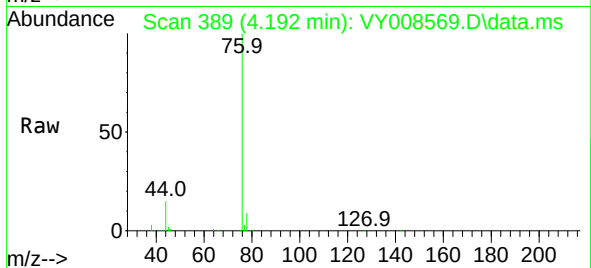




#17
Carbon Disulfide
Concen: 38.319 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

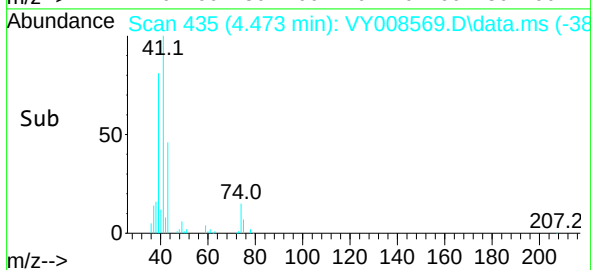
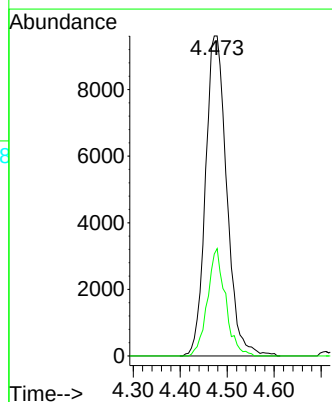
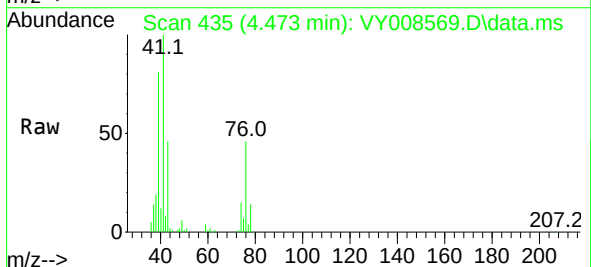
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

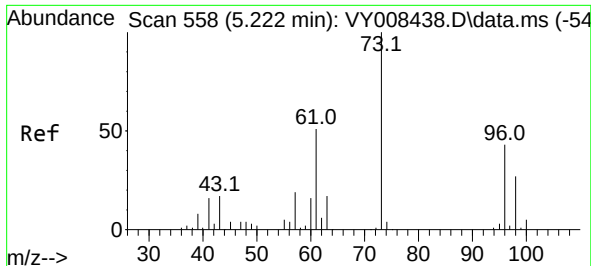
Tgt Ion: 76 Resp: 139545
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 35.232 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 43 Resp: 30174
Ion Ratio Lower Upper
43 100
74 28.5 16.6 24.8#

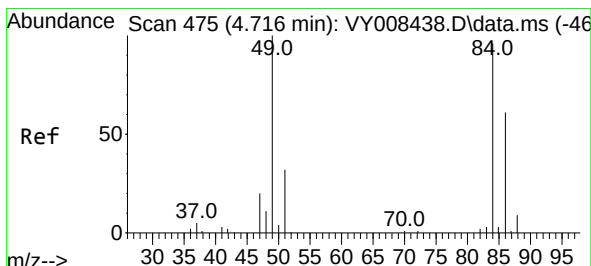
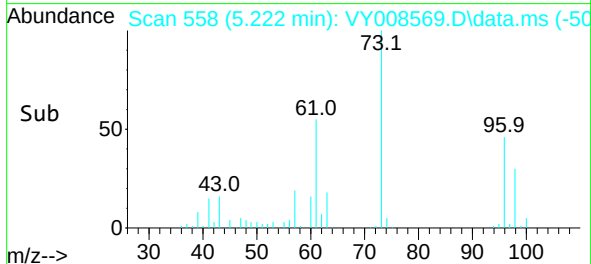
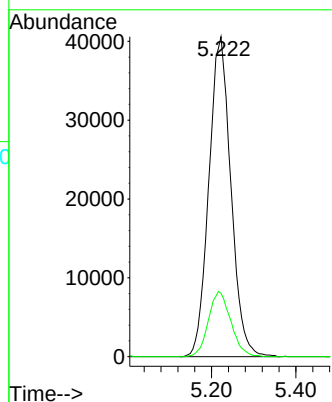
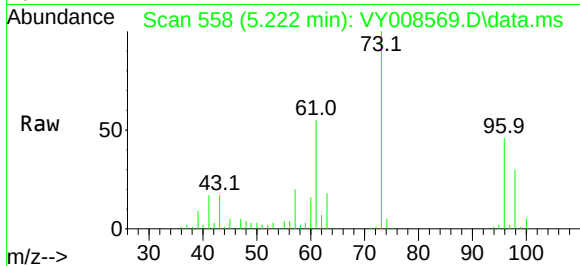




#19
Methyl tert-butyl Ether
Concen: 38.628 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

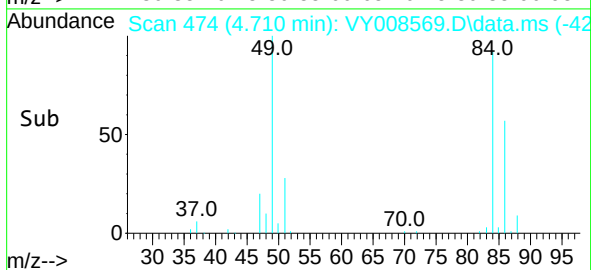
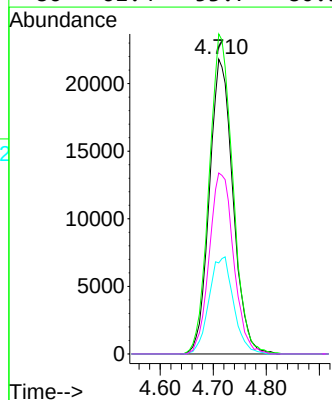
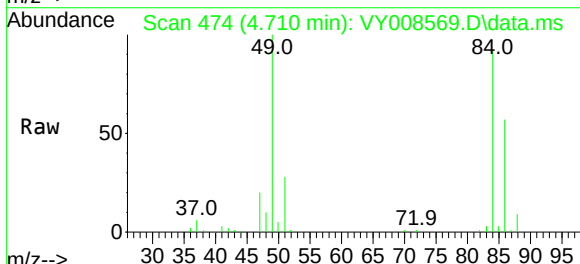
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

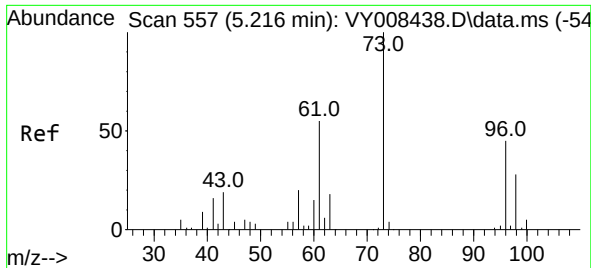
Tgt Ion: 73 Resp: 147227
Ion Ratio Lower Upper
73 100
57 19.8 18.6 27.8



#20
Methylene Chloride
Concen: 41.321 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 84 Resp: 67328
Ion Ratio Lower Upper
84 100
49 108.5 114.4 171.6#
51 30.9 35.3 52.9#
86 61.4 53.7 80.5

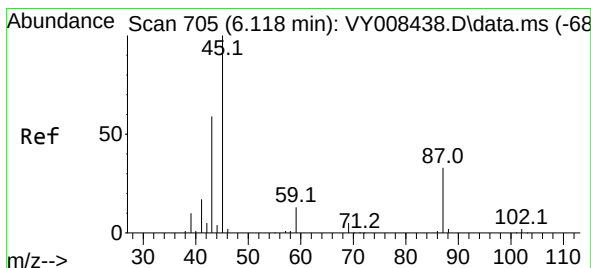
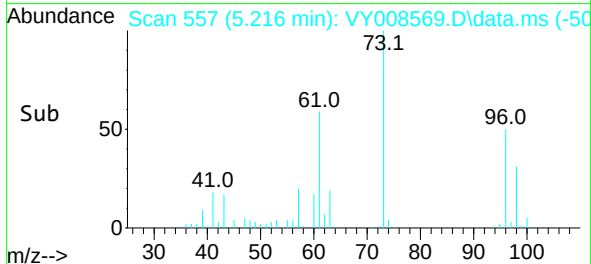
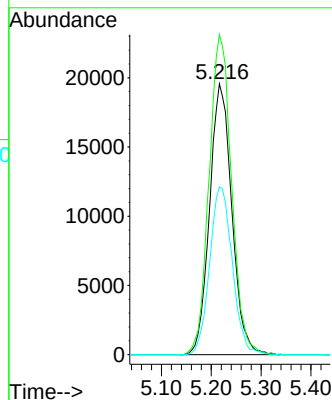
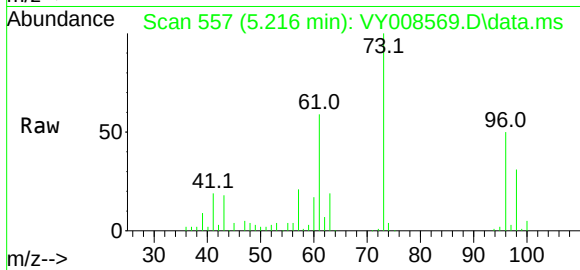




#21
trans-1,2-Dichloroethene
Concen: 41.281 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

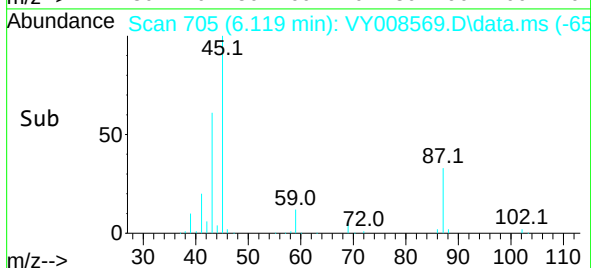
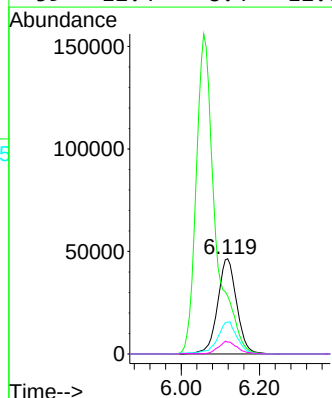
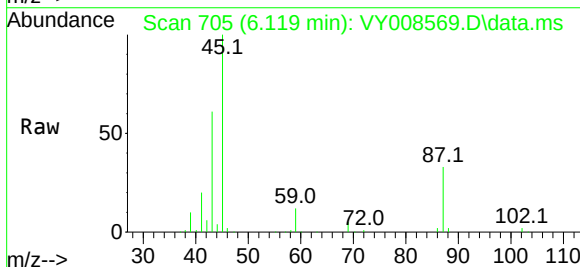
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

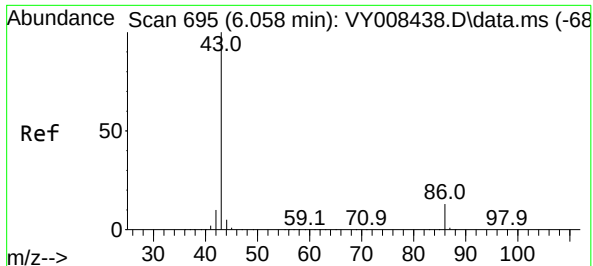
Tgt Ion: 96 Resp: 60657
Ion Ratio Lower Upper
96 100
61 118.2 120.5 180.7#
98 62.0 49.8 74.8



#22
Diisopropyl ether
Concen: 41.462 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 45 Resp: 157426
Ion Ratio Lower Upper
45 100
43 60.5 49.3 73.9
87 33.4 19.2 28.8#
59 12.4 8.4 12.6

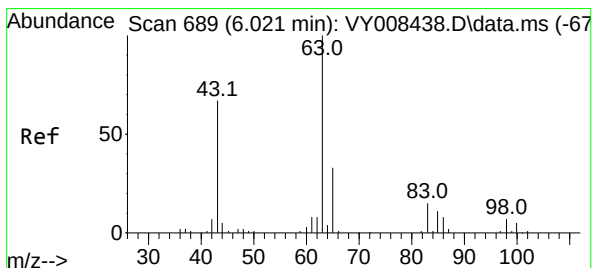
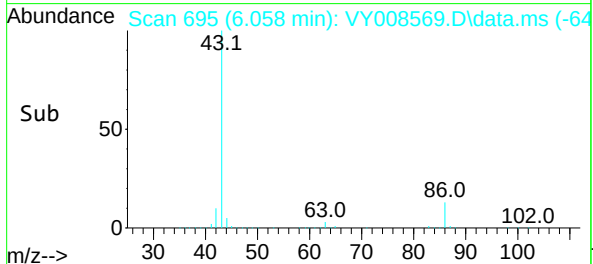
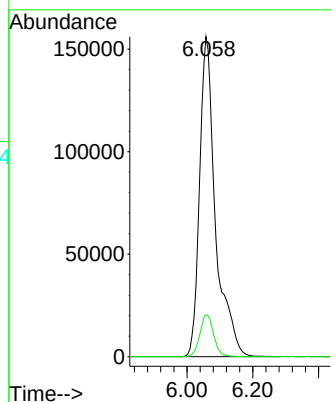
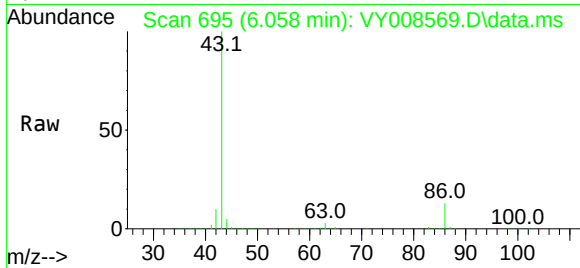




#23
 Vinyl Acetate
 Concen: 202.090 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

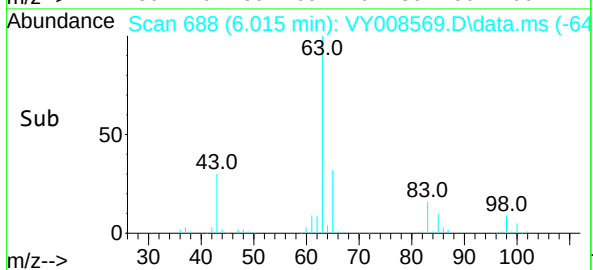
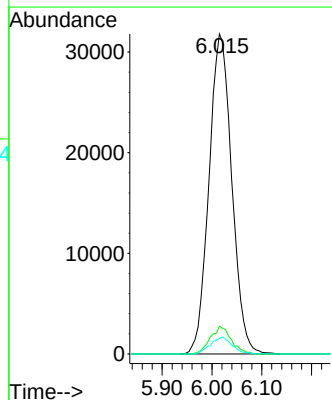
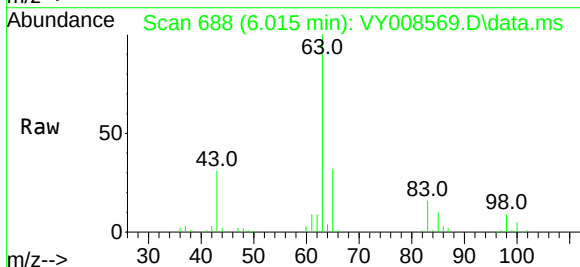
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

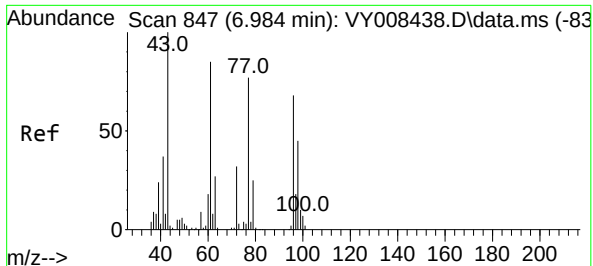
Tgt Ion: 43 Resp: 526056
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 42.762 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

Tgt Ion: 63 Resp: 101064
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 182.987 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

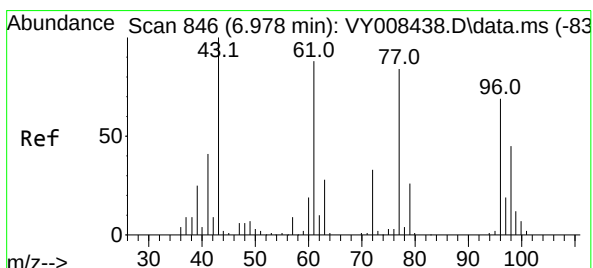
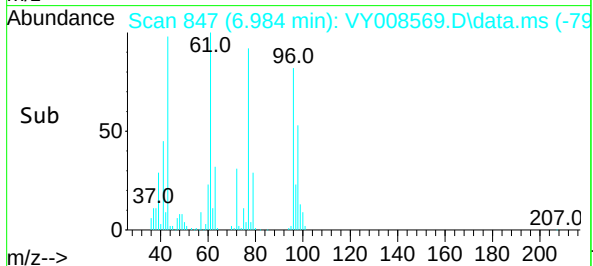
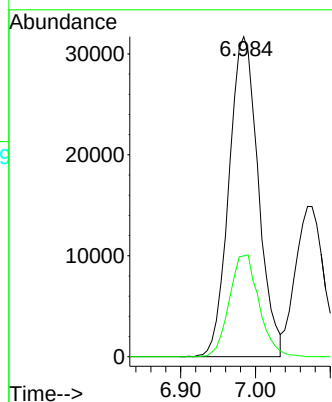
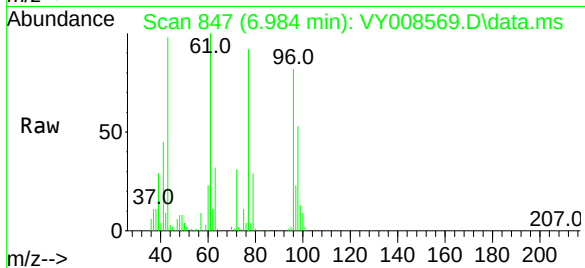
VSTDCCC050EC

Tgt Ion: 43 Resp: 86453

Ion Ratio Lower Upper

43 100

72 31.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 42.531 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008569.D

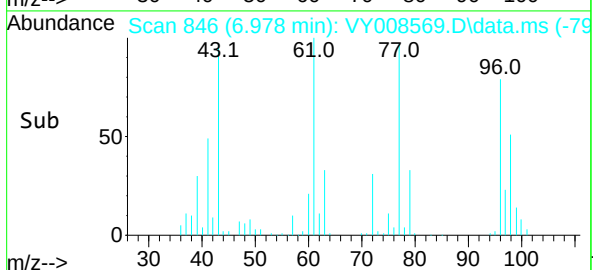
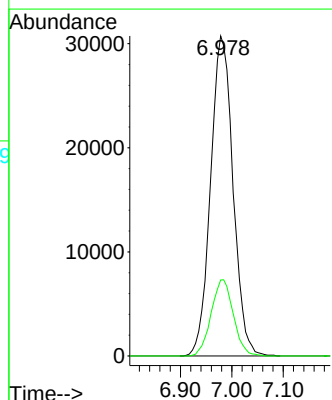
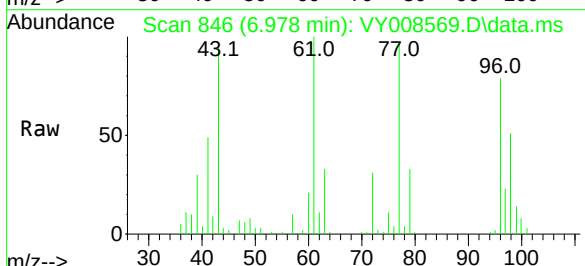
Acq: 29 Apr 2022 19:05

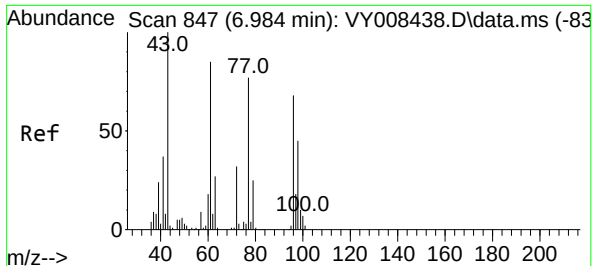
Tgt Ion: 77 Resp: 93098

Ion Ratio Lower Upper

77 100

97 23.6 10.4 31.4



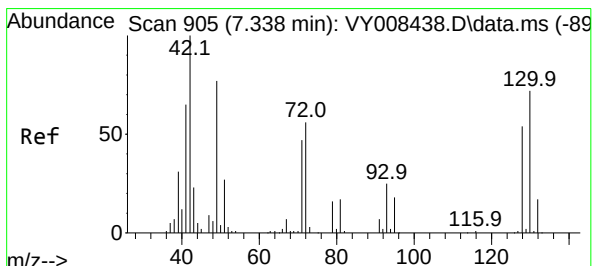
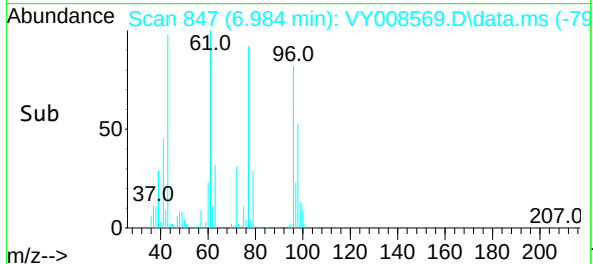
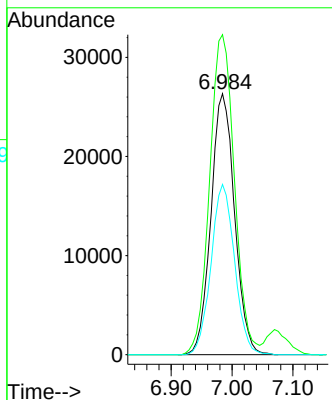
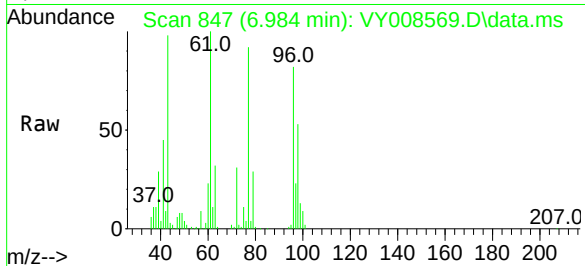


#27
 cis-1,2-Dichloroethene
 Concen: 42.229 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 70976

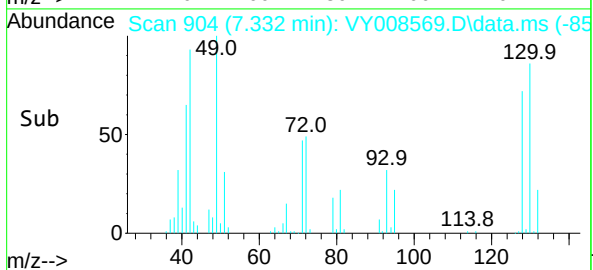
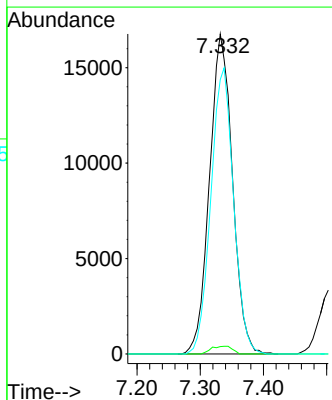
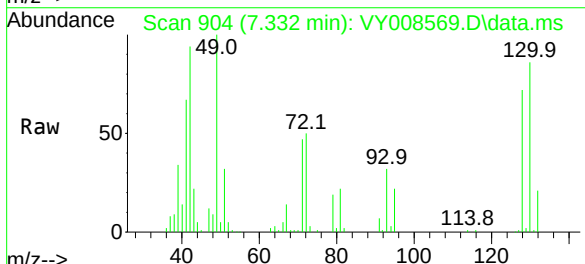
Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	319.8
98	65.1	0.0	127.0

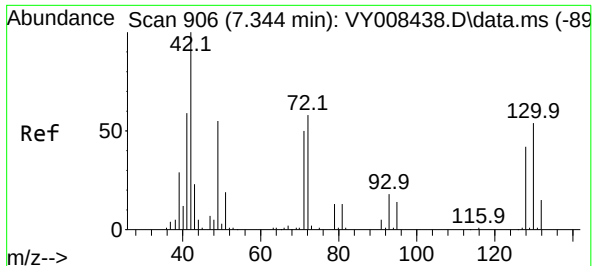


#28
 Bromochloromethane
 Concen: 44.274 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

Tgt Ion: 49 Resp: 42208

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2#
130	88.2	55.4	83.0#





#29

Tetrahydrofuran

Concen: 187.477 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

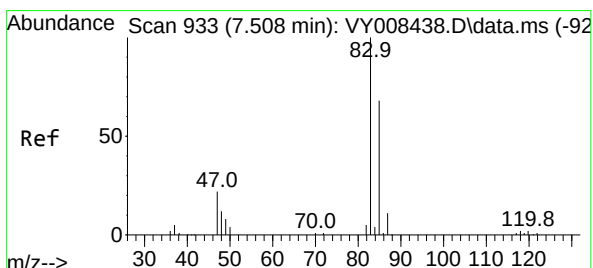
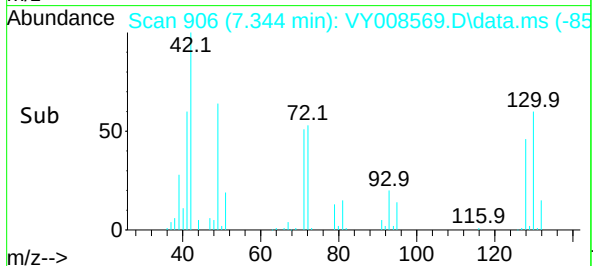
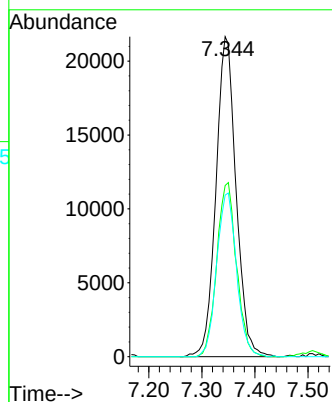
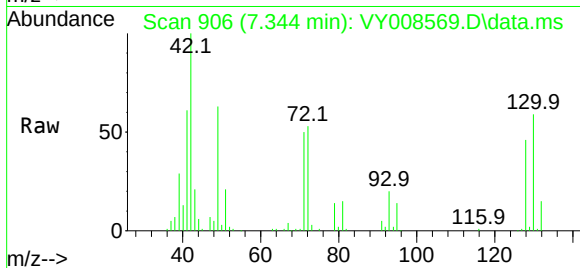
Tgt Ion: 42 Resp: 57049

Ion Ratio Lower Upper

42 100

72 53.4 30.3 45.5#

71 50.4 29.0 43.4#



#30

Chloroform

Concen: 42.559 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008569.D

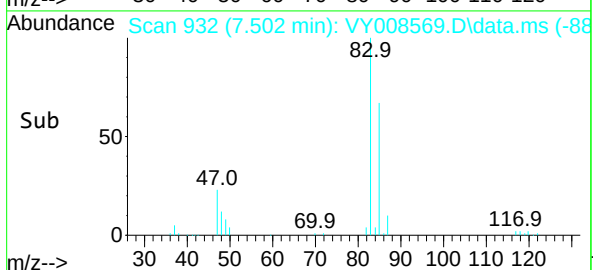
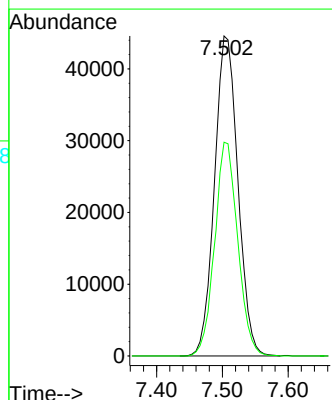
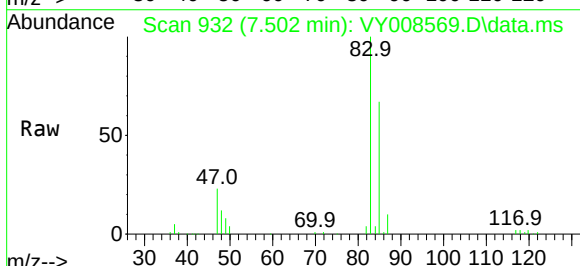
Acq: 29 Apr 2022 19:05

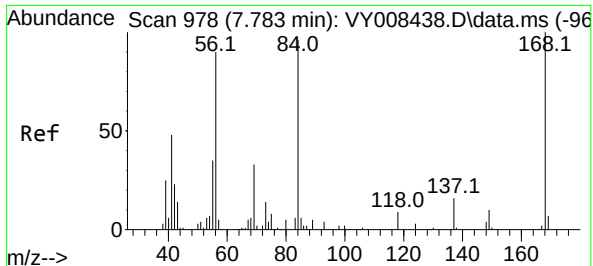
Tgt Ion: 83 Resp: 110502

Ion Ratio Lower Upper

83 100

85 66.8 51.8 77.6





#31

Cyclohexane

Concen: 40.278 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

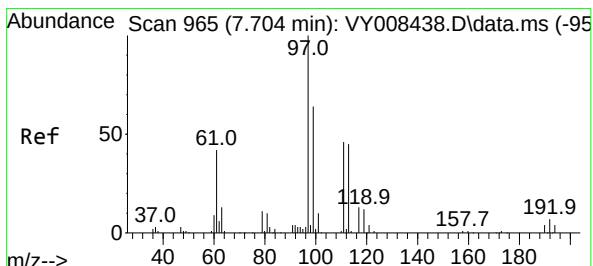
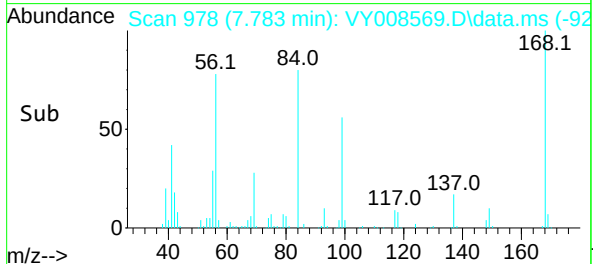
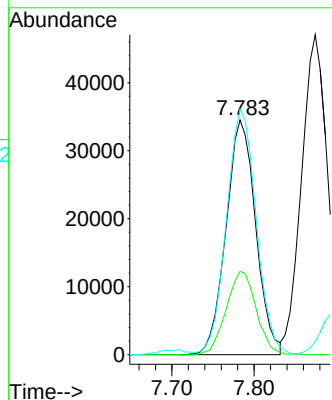
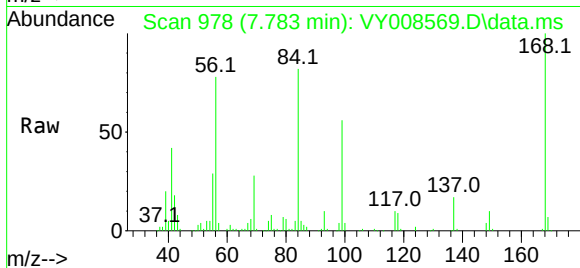
Tgt Ion: 56 Resp: 86816

Ion Ratio Lower Upper

56 100

69 35.6 26.7 40.1

84 102.5 67.2 100.8#



#32

1,1,1-Trichloroethane

Concen: 44.281 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

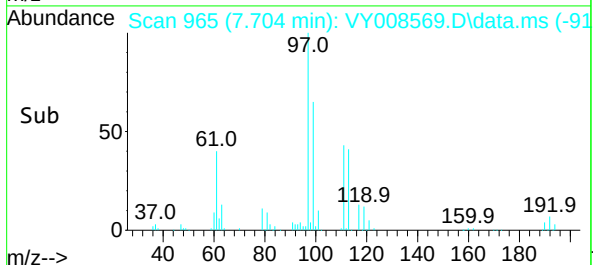
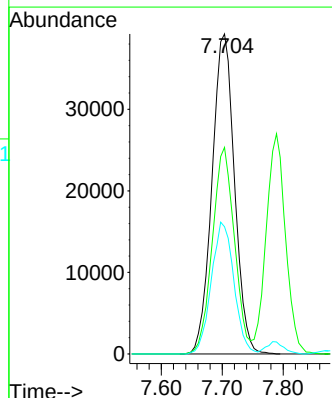
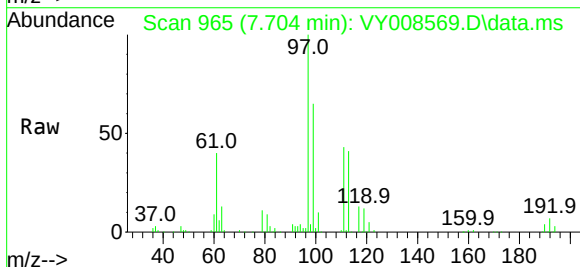
Tgt Ion: 97 Resp: 100674

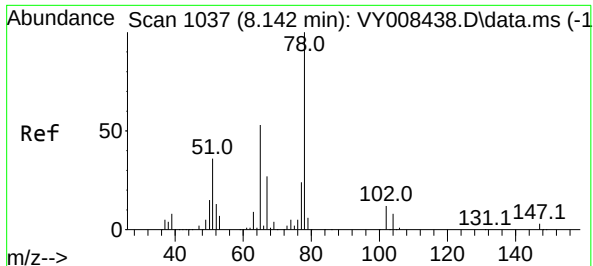
Ion Ratio Lower Upper

97 100

99 63.5 50.7 76.1

61 41.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 41.632 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

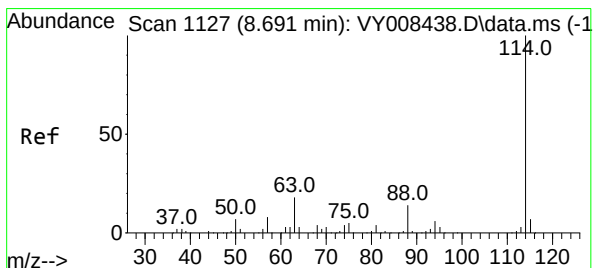
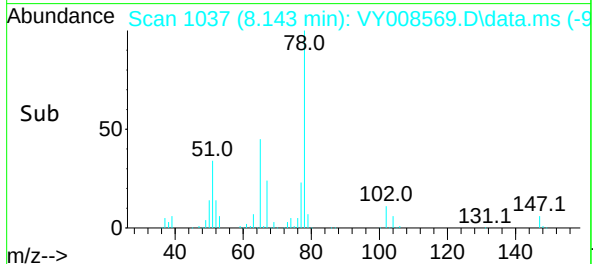
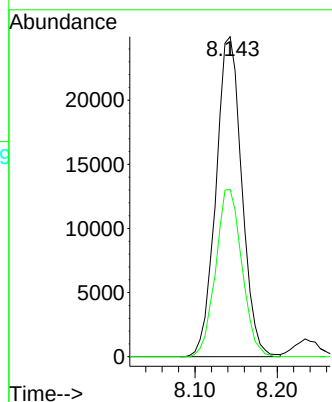
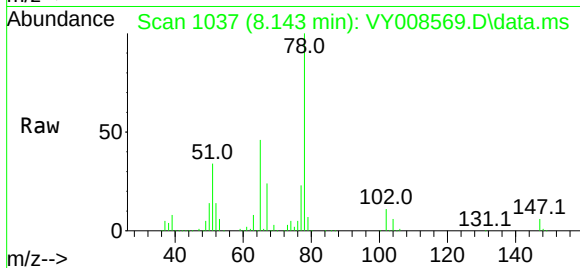
VSTDCCC050EC

Tgt Ion: 65 Resp: 54585

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

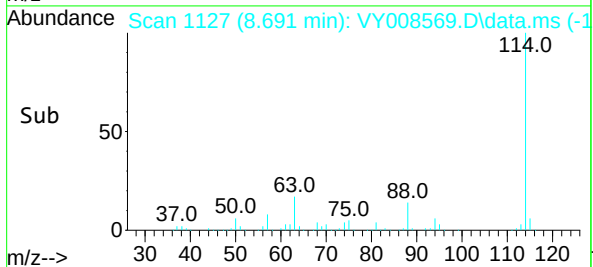
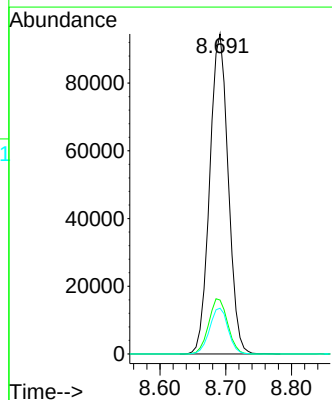
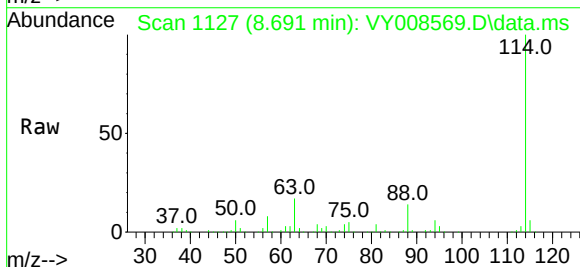
Tgt Ion: 114 Resp: 184890

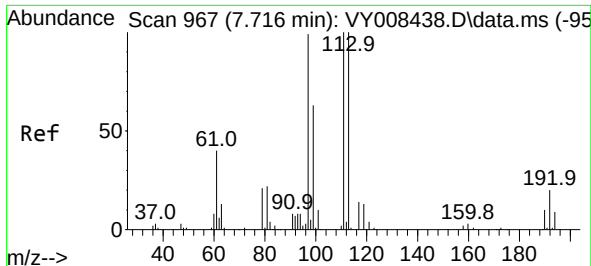
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.3 0.0 31.8

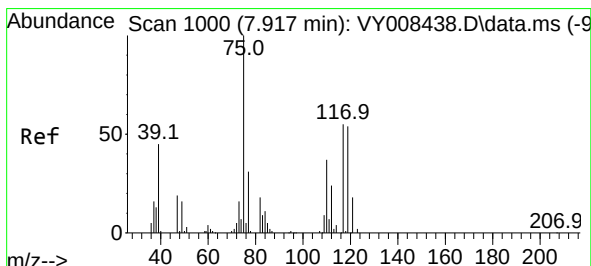
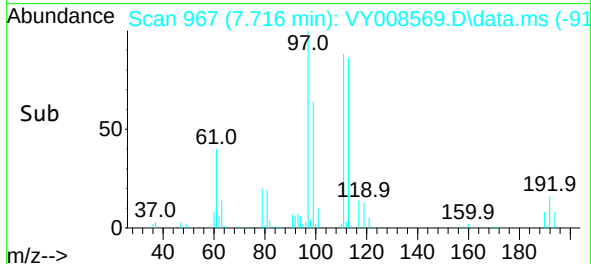
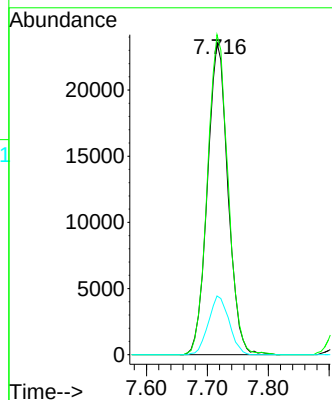
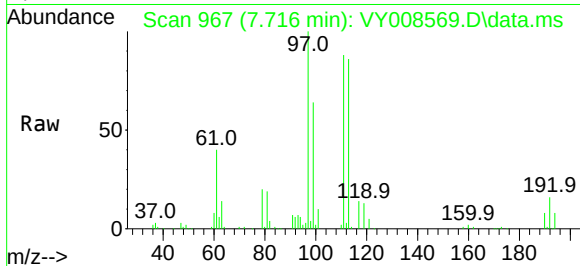




#35
Dibromofluoromethane
Concen: 46.264 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

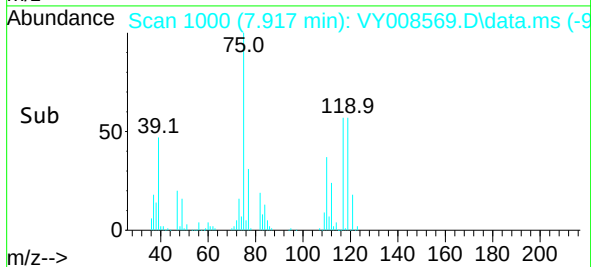
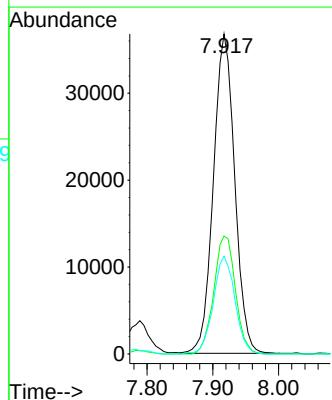
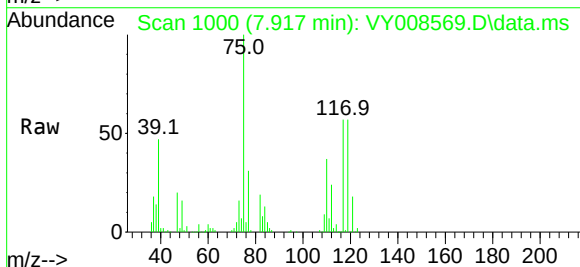
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

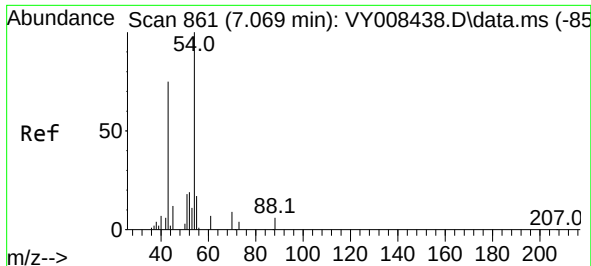
Tgt Ion:113 Resp: 55204
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 43.705 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 75 Resp: 82956
Ion Ratio Lower Upper
75 100
110 37.4 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 39.272 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

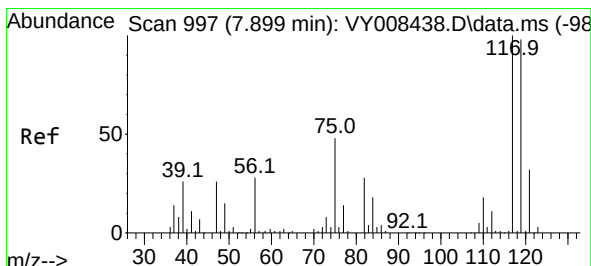
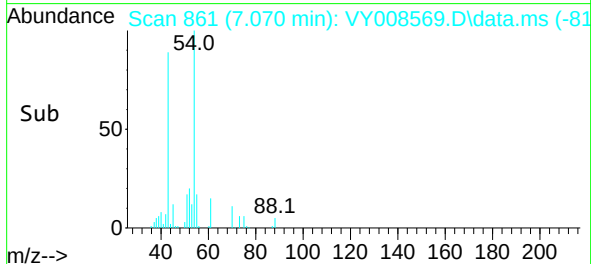
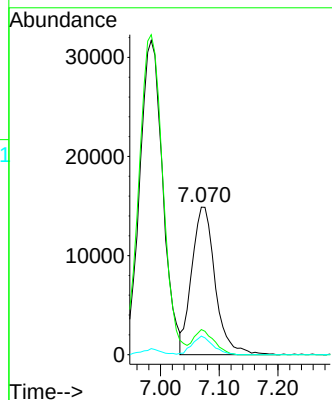
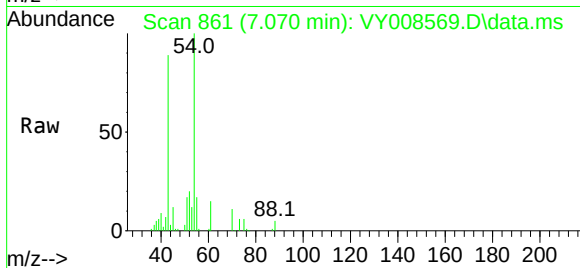
Tgt Ion: 43 Resp: 41224

Ion Ratio Lower Upper

43 100

61 14.8 9.7 14.5#

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 45.352 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

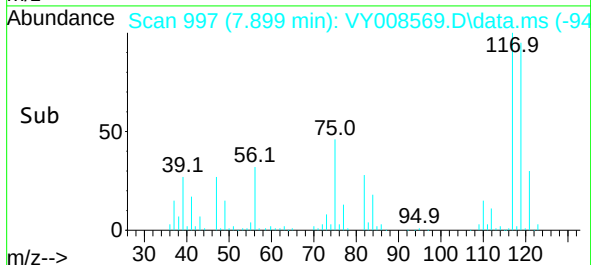
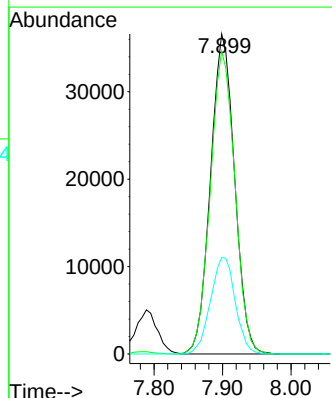
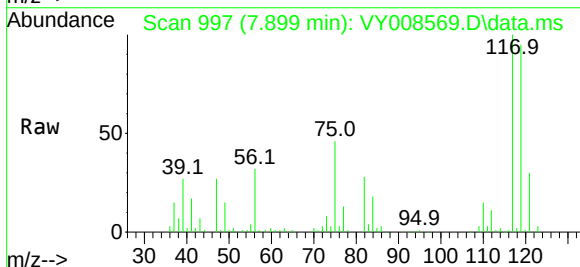
Tgt Ion: 117 Resp: 89438

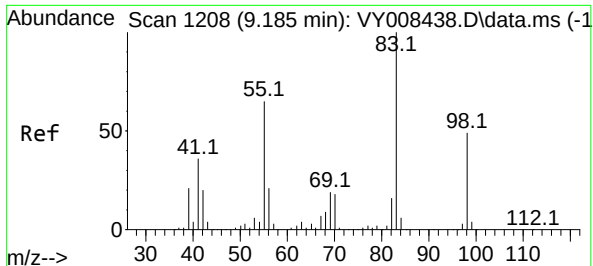
Ion Ratio Lower Upper

117 100

119 94.6 77.9 116.9

121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 45.500 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

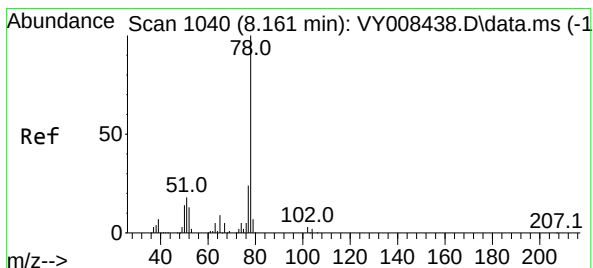
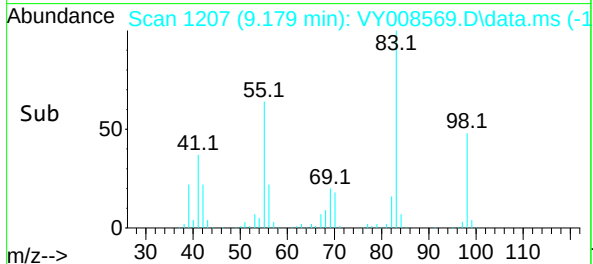
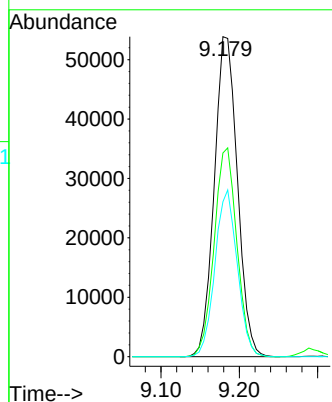
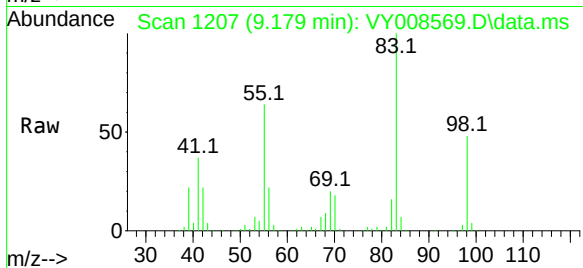
Tgt Ion: 83 Resp: 110578

Ion Ratio Lower Upper

83 100

55 63.7 66.5 99.7#

98 48.4 37.9 56.9



#40

Benzene

Concen: 44.372 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008569.D

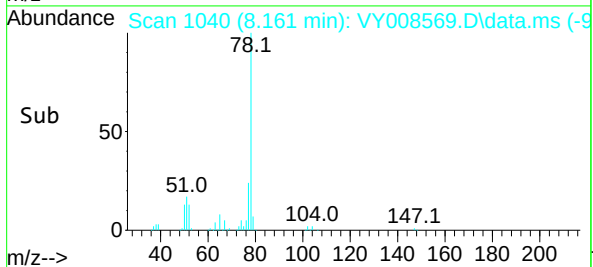
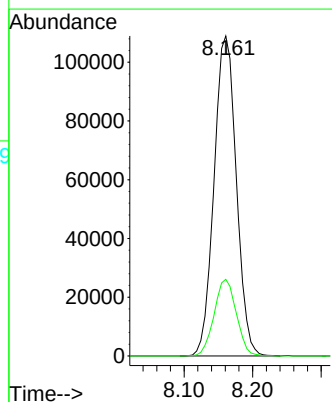
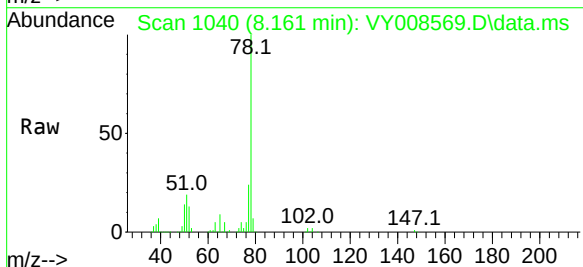
Acq: 29 Apr 2022 19:05

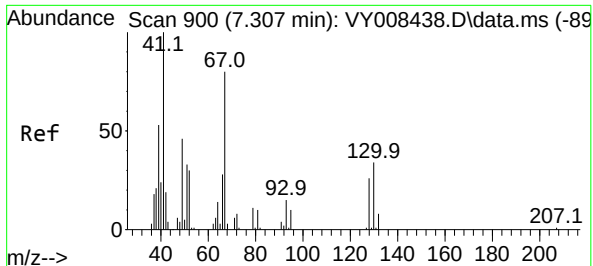
Tgt Ion: 78 Resp: 245710

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

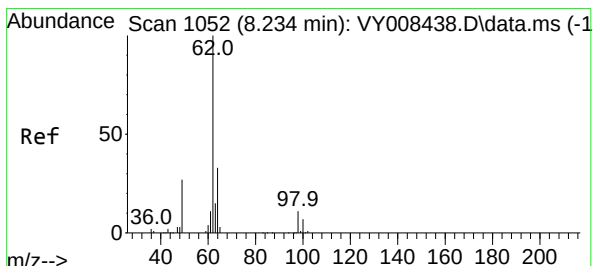
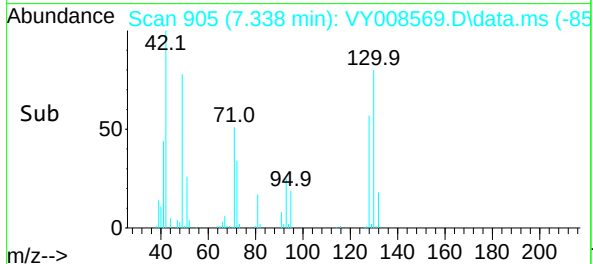
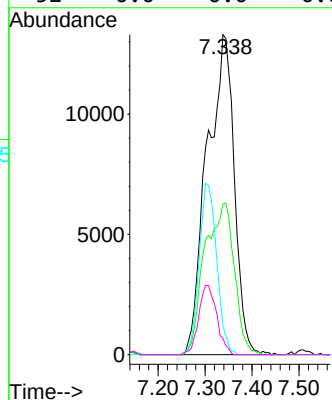
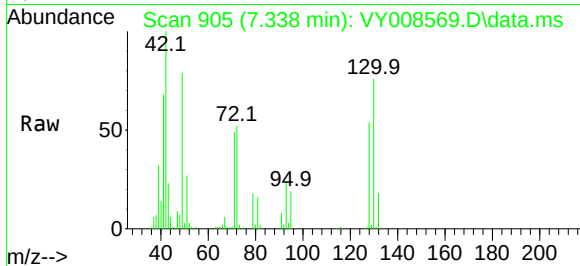




#41
Methacrylonitrile
Concen: 105.219 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

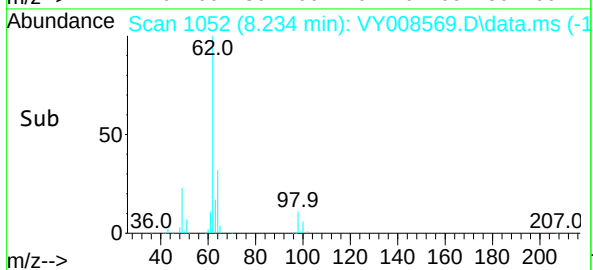
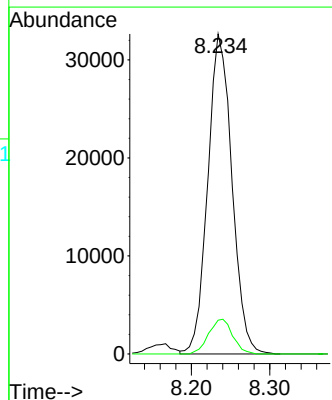
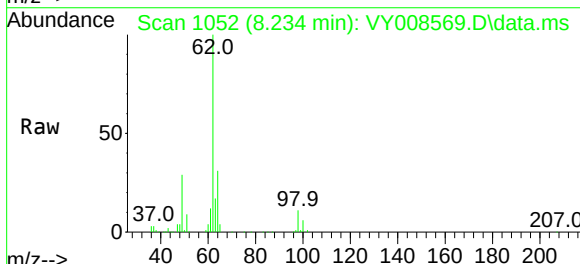
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

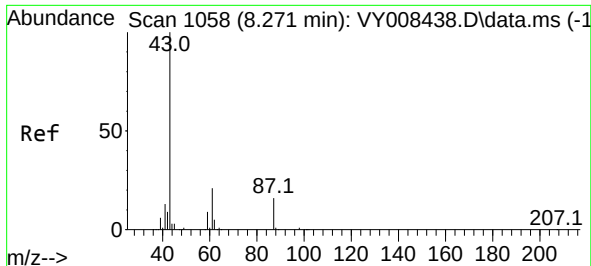
Tgt Ion: 41 Resp: 53562
Ion Ratio Lower Upper
41 100
39 51.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 41.990 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 62 Resp: 70004
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8

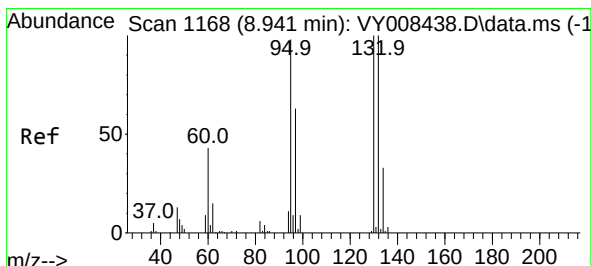
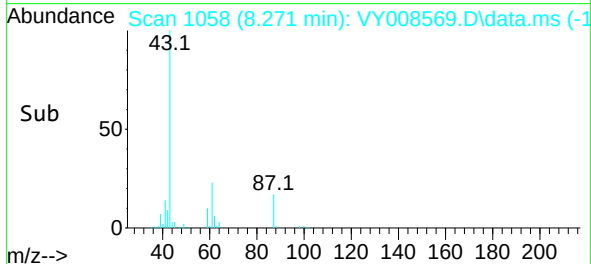
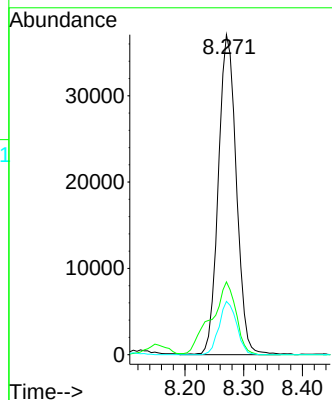
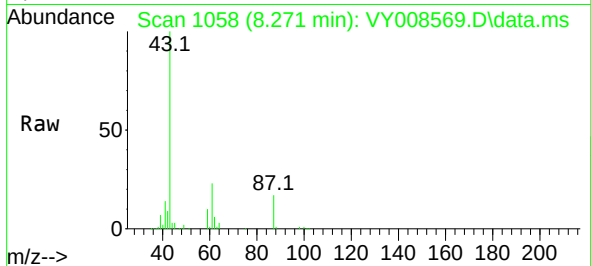




#43
Isopropyl Acetate
Concen: 40.890 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

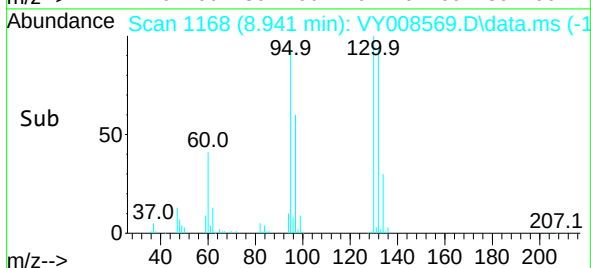
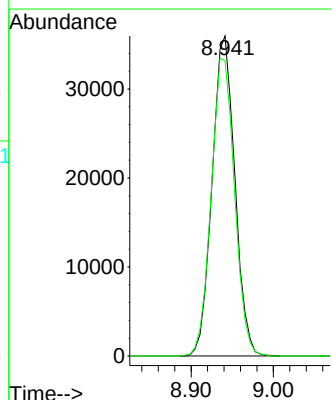
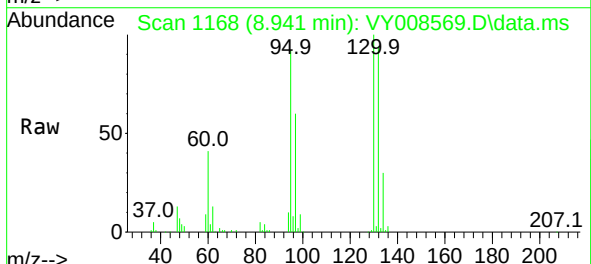
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

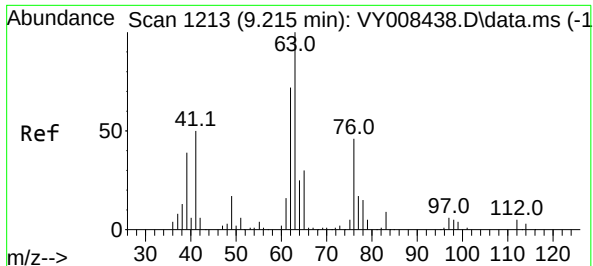
Tgt Ion: 43 Resp: 78941
Ion Ratio Lower Upper
43 100
61 31.4 20.2 30.2#
87 16.2 8.9 13.3#



#44
Trichloroethene
Concen: 45.246 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion:130 Resp: 69027
Ion Ratio Lower Upper
130 100
95 92.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 44.862 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

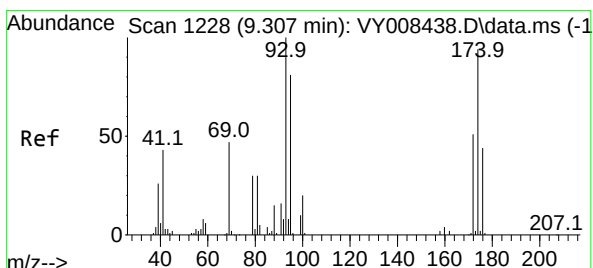
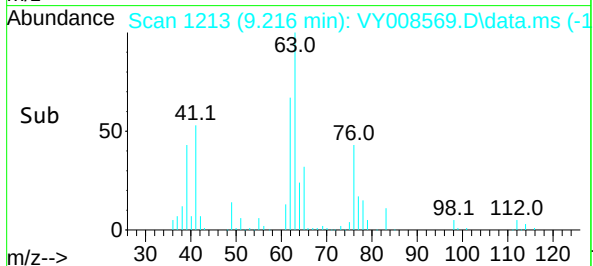
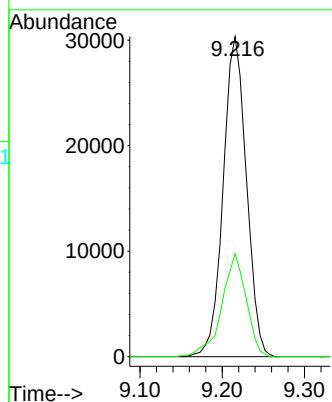
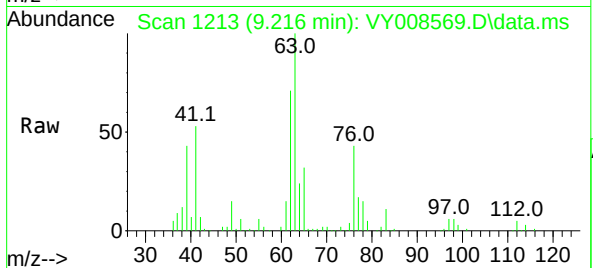
VSTDCCC050EC

Tgt Ion: 63 Resp: 59656

Ion Ratio Lower Upper

63 100

65 32.2 23.0 34.6



#46

Dibromomethane

Concen: 40.854 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

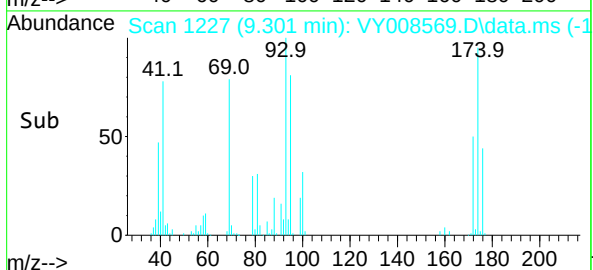
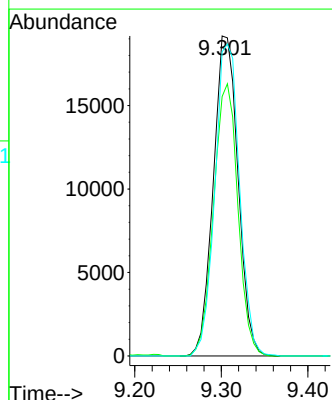
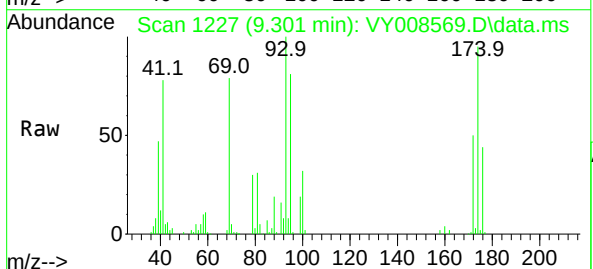
Tgt Ion: 93 Resp: 38061

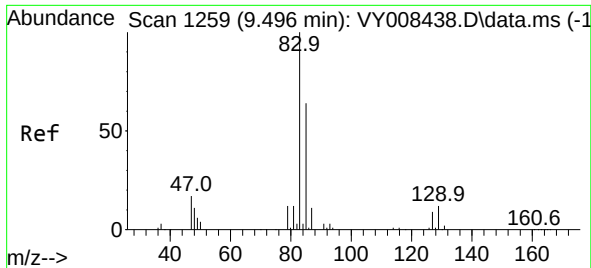
Ion Ratio Lower Upper

93 100

95 83.4 64.3 96.5

174 97.0 83.4 125.0

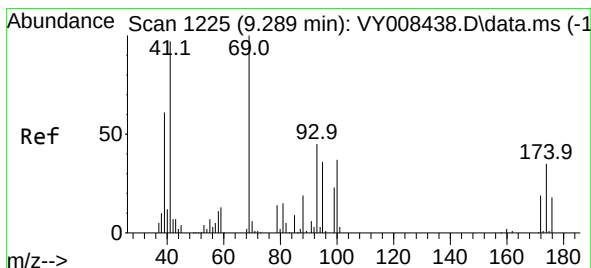
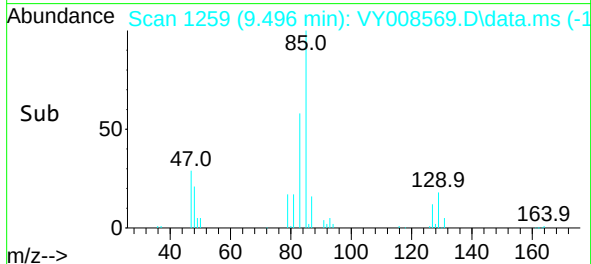
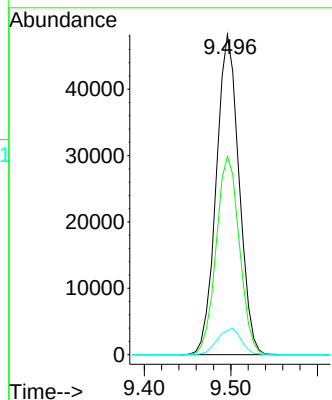
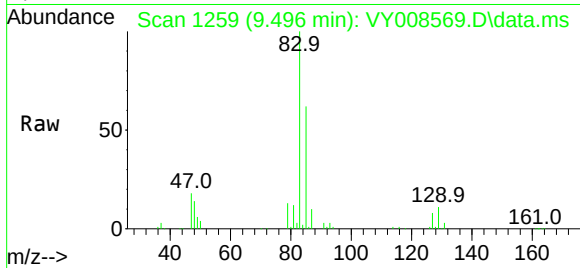




#47
Bromodichloromethane
Concen: 44.494 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

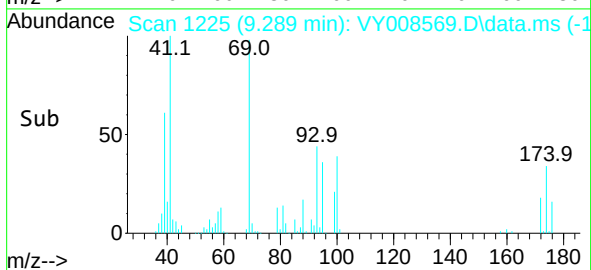
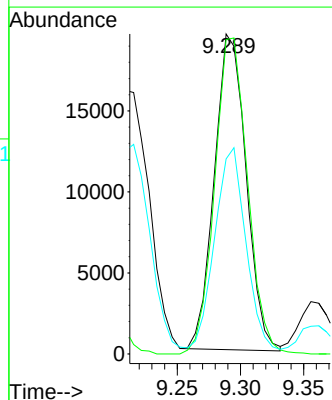
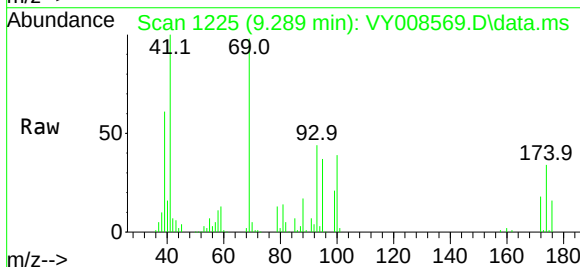
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

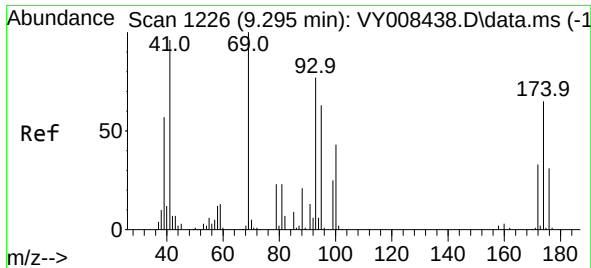
Tgt Ion:	83	Resp:	87994
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.9	77.9
127	7.6	6.6	10.0



#48
Methyl methacrylate
Concen: 41.476 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion:	41	Resp:	34046
Ion	Ratio	Lower	Upper
41	100		
69	103.5	58.2	87.2
39	62.3	47.4	71.0

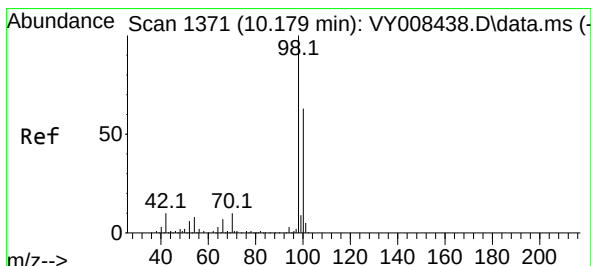
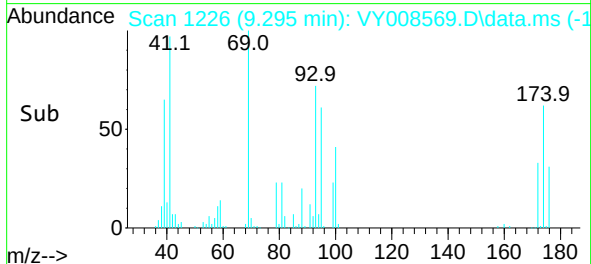
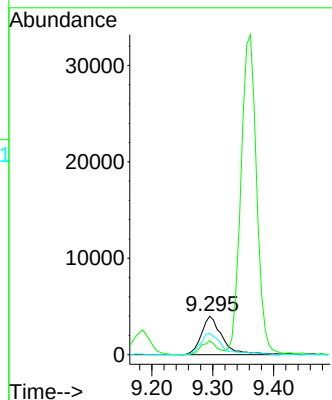
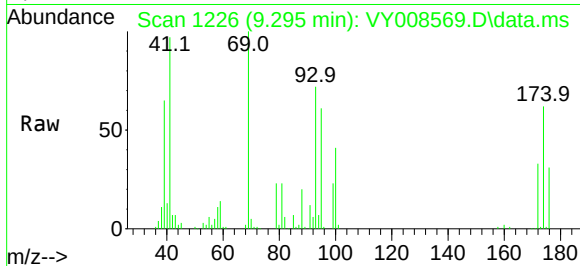




#49
1,4-Dioxane
Concen: 808.573 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

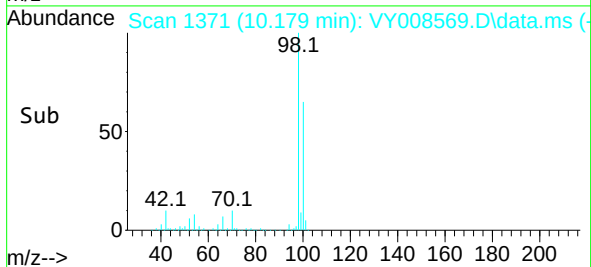
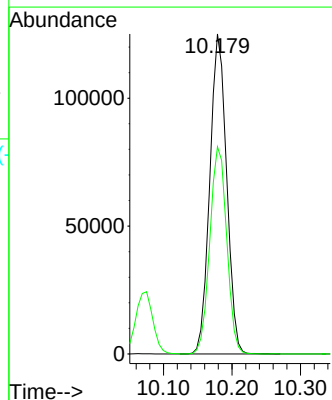
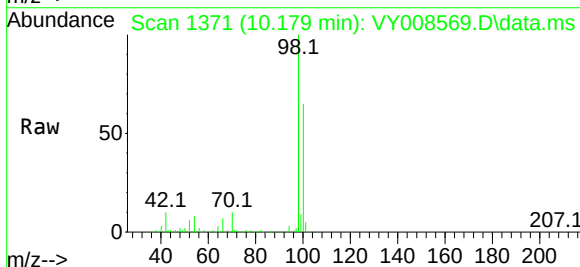
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

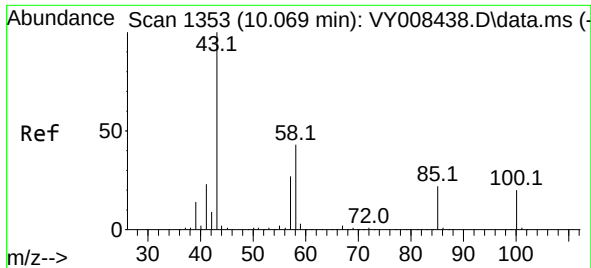
Tgt Ion: 88 Resp: 9499
Ion Ratio Lower Upper
88 100
43 27.9 32.8 49.2#
58 58.3 59.8 89.6#



#50
Toluene-d8
Concen: 44.990 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 98 Resp: 212858
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

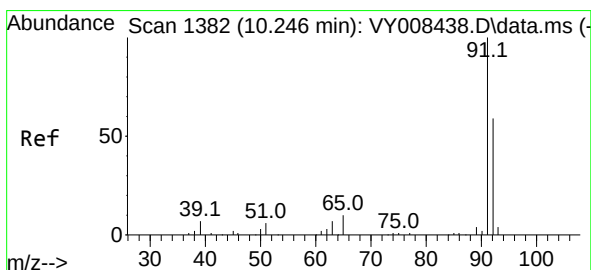
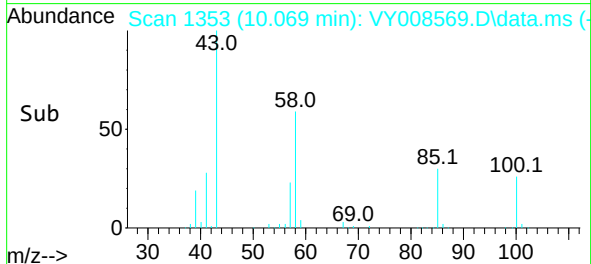
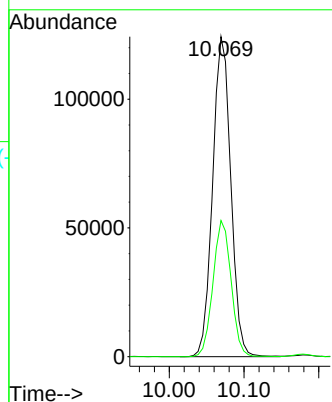
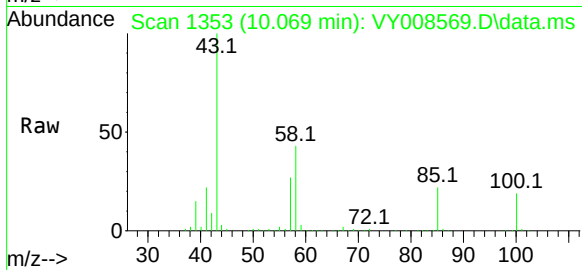




#51
4-Methyl-2-Pentanone
Concen: 206.578 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

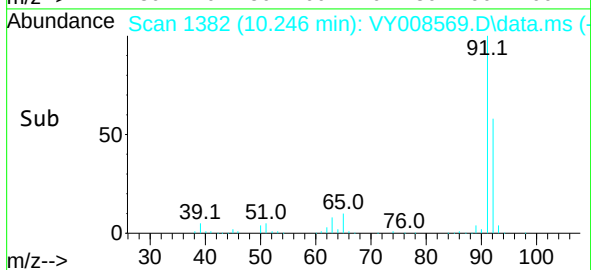
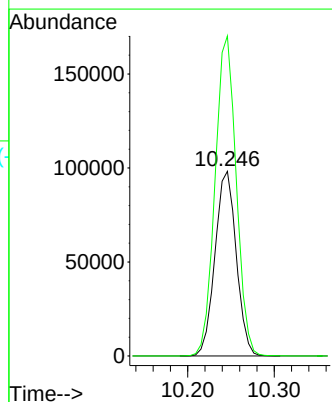
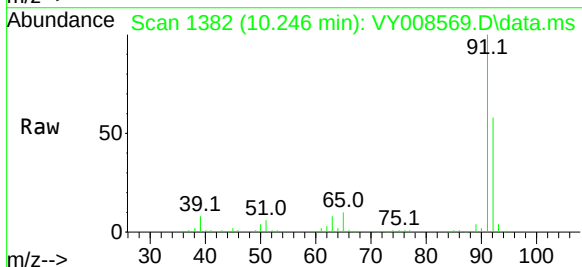
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

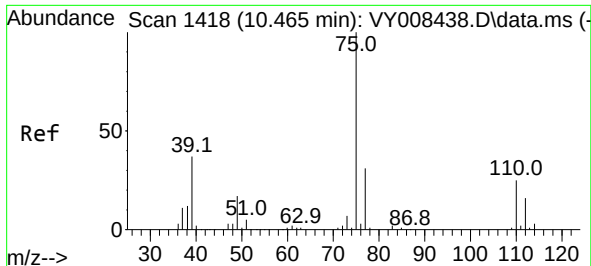
Tgt Ion: 43 Resp: 209797
Ion Ratio Lower Upper
43 100
58 42.5 28.1 42.1#



#52
Toluene
Concen: 45.653 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 92 Resp: 167182
Ion Ratio Lower Upper
92 100
91 172.8 142.6 213.8

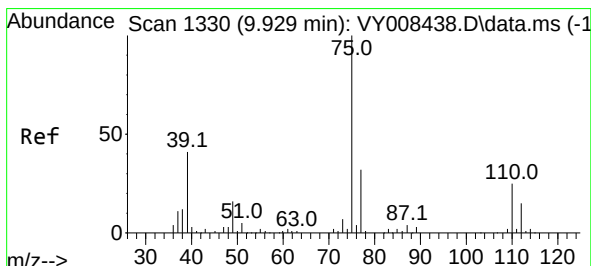
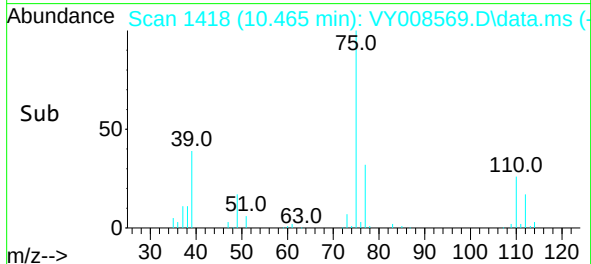
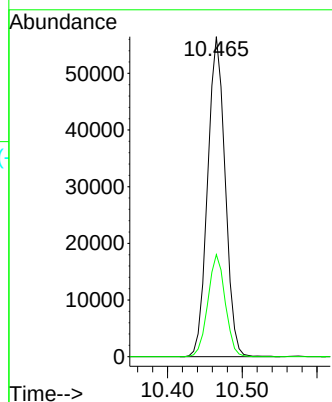
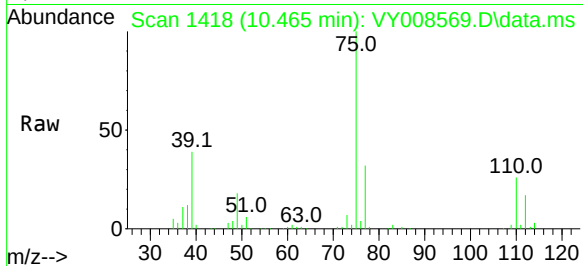




#53
 t-1,3-Dichloropropene
 Concen: 43.273 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

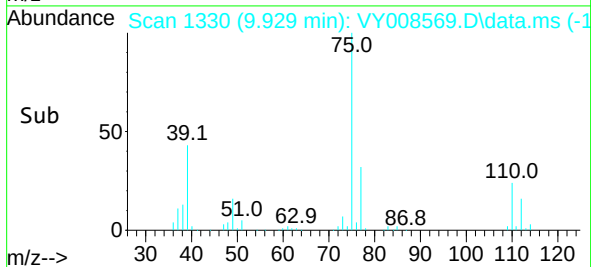
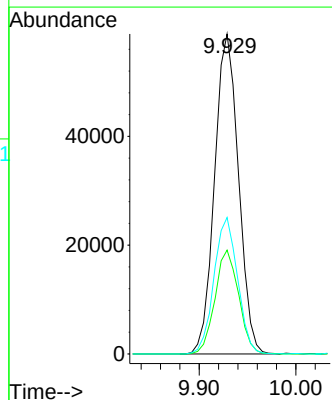
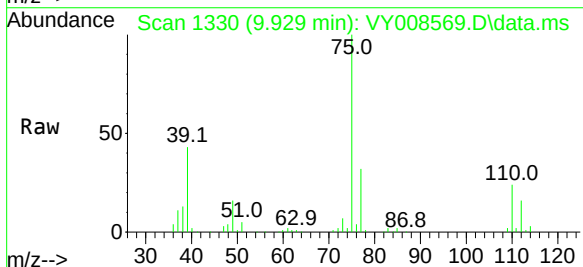
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

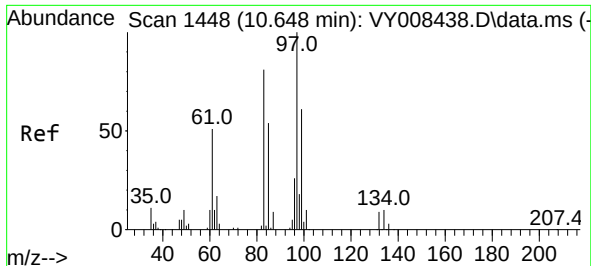
Tgt Ion: 75 Resp: 91775
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 42.948 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

Tgt Ion: 75 Resp: 100937
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 39 42.7 47.6 71.4#

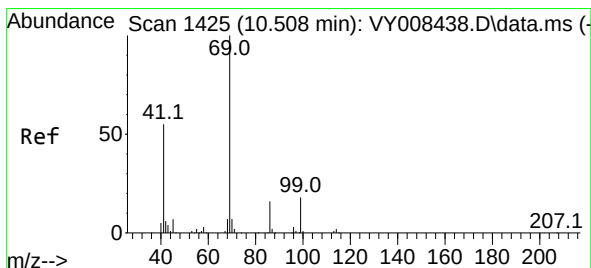
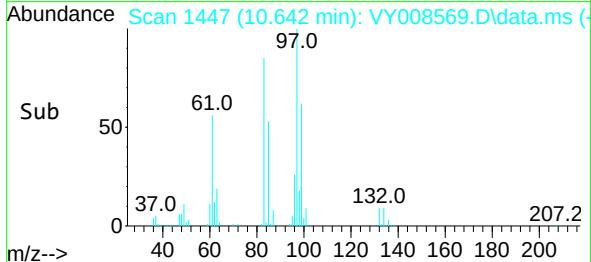
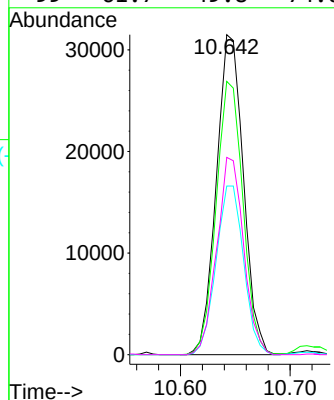
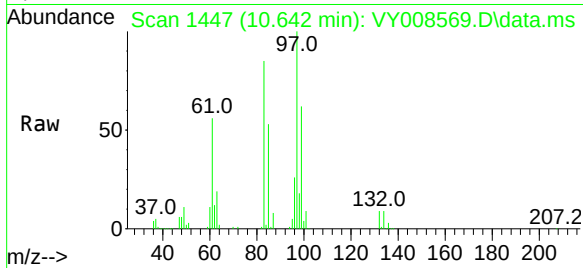




#55
1,1,2-Trichloroethane
Concen: 42.439 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

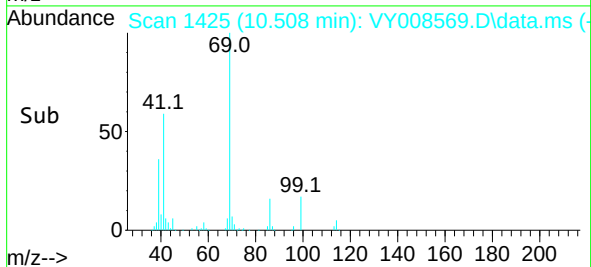
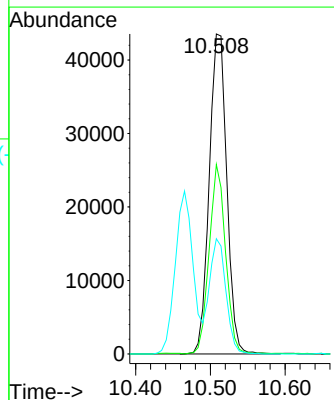
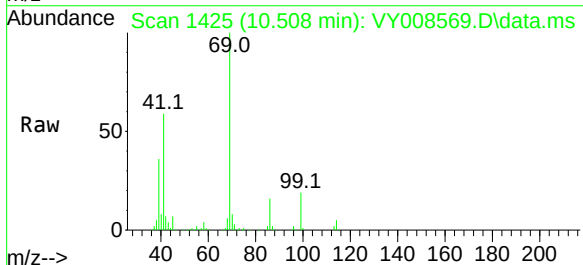
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

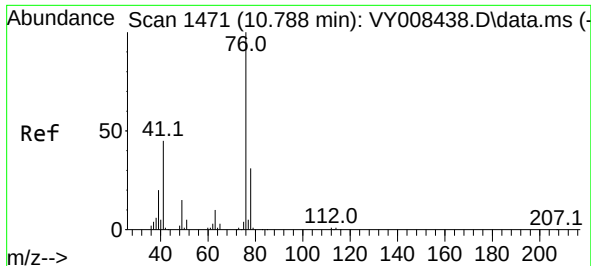
Tgt Ion: 97	Resp: 53964
Ion Ratio	Lower Upper
97 100	
83 85.4	69.8 104.8
85 52.7	44.3 66.5
99 61.7	49.8 74.6



#56
Ethyl methacrylate
Concen: 43.196 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 69	Resp: 70920
Ion Ratio	Lower Upper
69 100	
41 55.6	63.4 95.0#
39 33.7	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 42.385 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

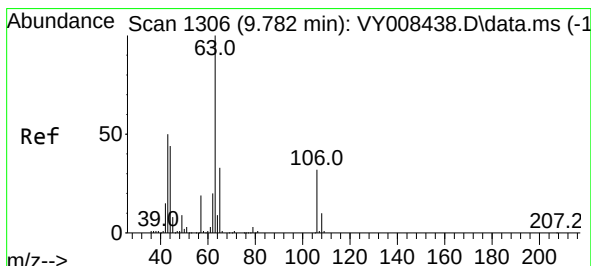
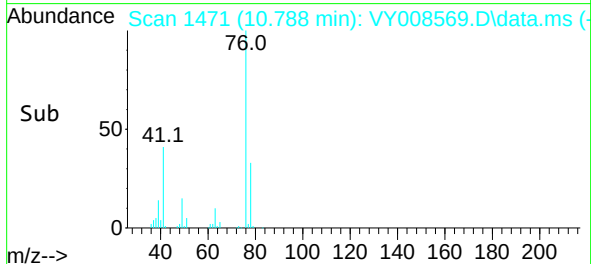
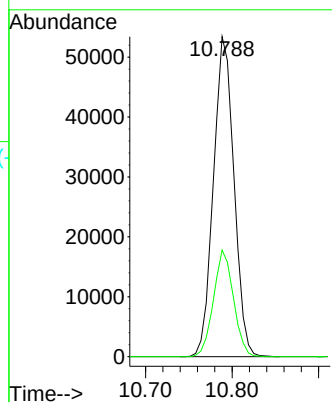
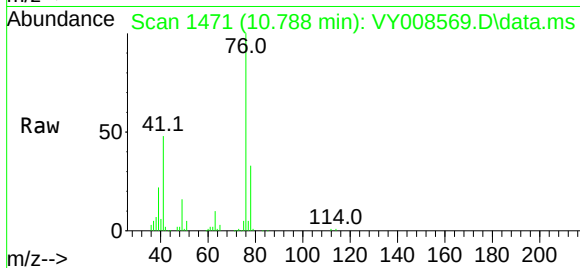
VSTDCCC050EC

Tgt Ion: 76 Resp: 87978

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 205.666 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008569.D

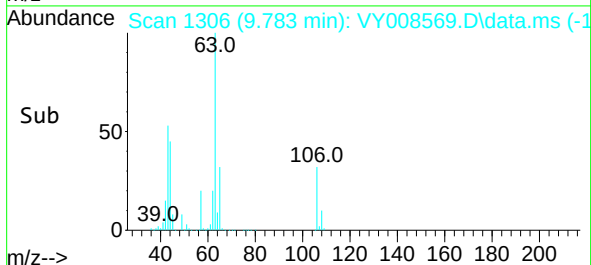
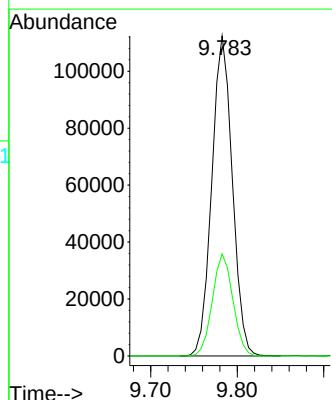
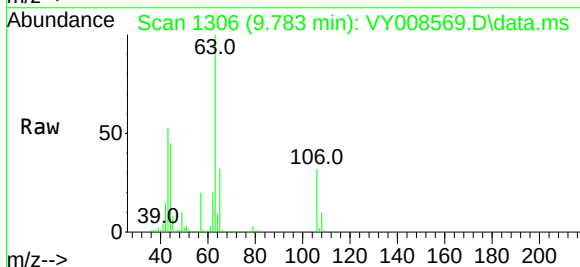
Acq: 29 Apr 2022 19:05

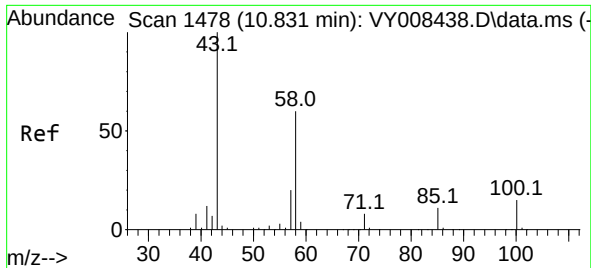
Tgt Ion: 63 Resp: 185058

Ion Ratio Lower Upper

63 100

106 31.7 21.5 32.3

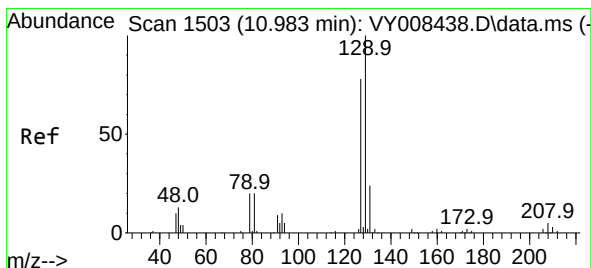
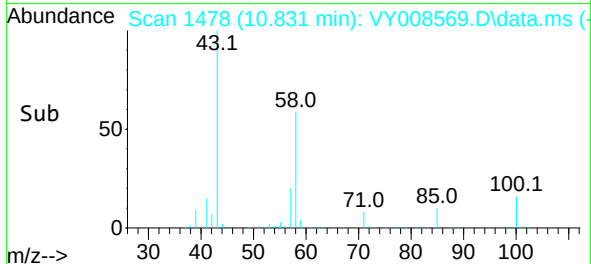
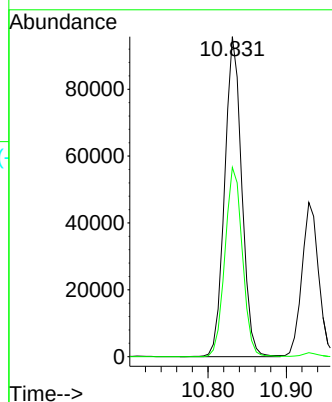
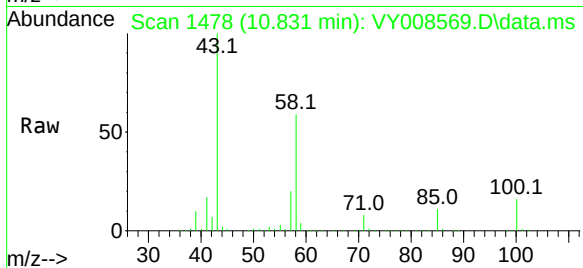




#59
2-Hexanone
Concen: 208.001 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

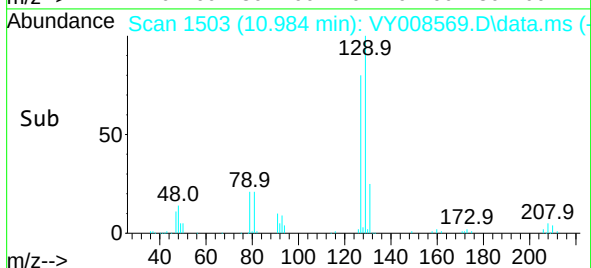
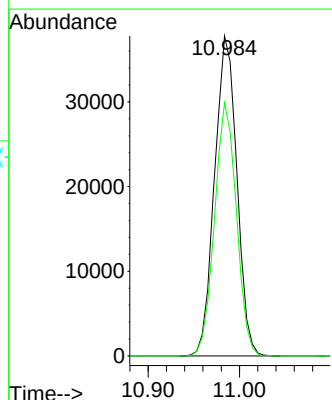
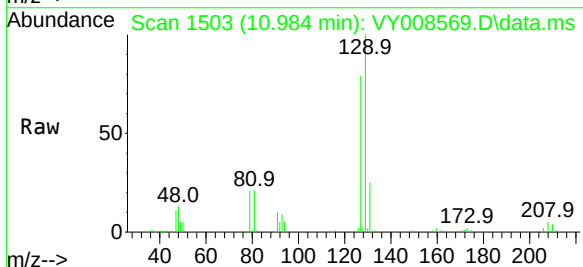
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

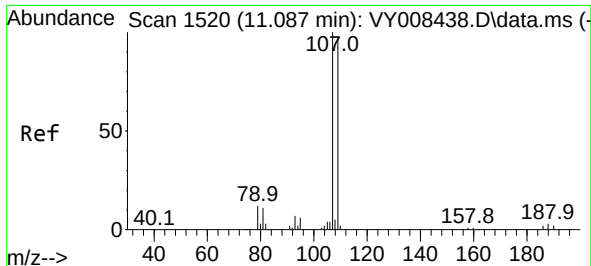
Tgt Ion: 43 Resp: 145367
Ion Ratio Lower Upper
43 100
58 60.2 24.4 73.4



#60
Dibromochloromethane
Concen: 43.823 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 129 Resp: 64020
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

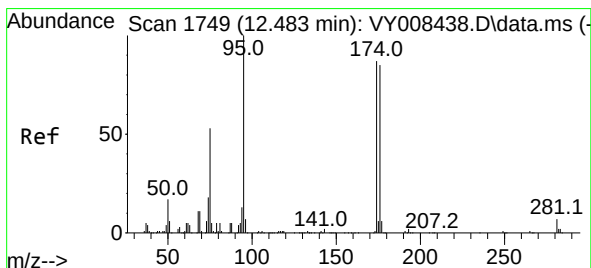
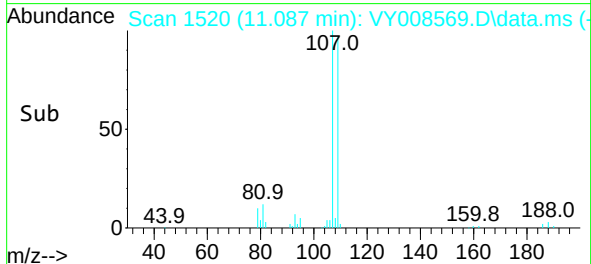
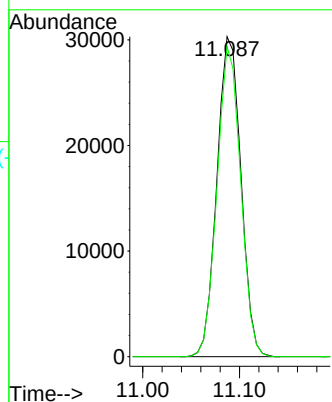
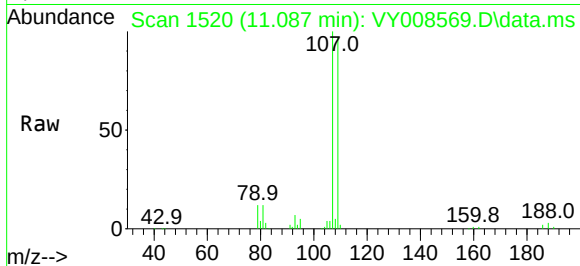




#61
1,2-Dibromoethane
Concen: 41.530 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

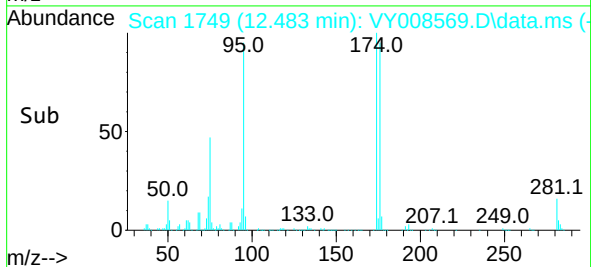
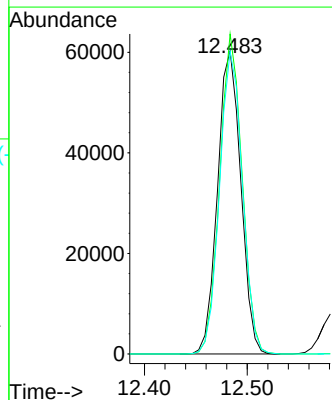
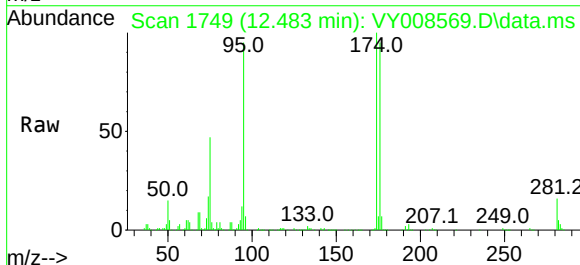
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

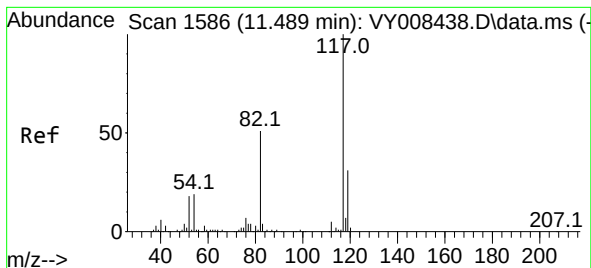
Tgt Ion:107 Resp: 52229
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 58.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 95 Resp: 94572
Ion Ratio Lower Upper
95 100
174 101.5 0.0 177.0
176 98.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

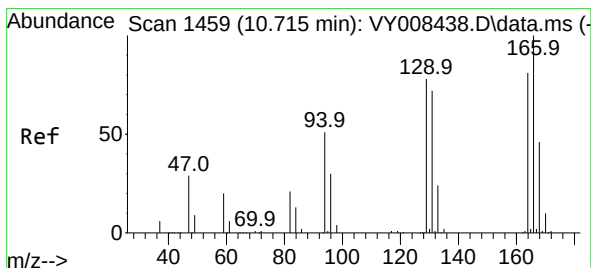
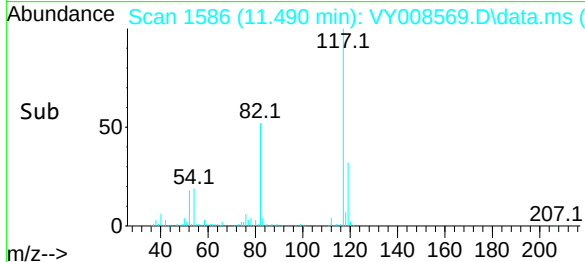
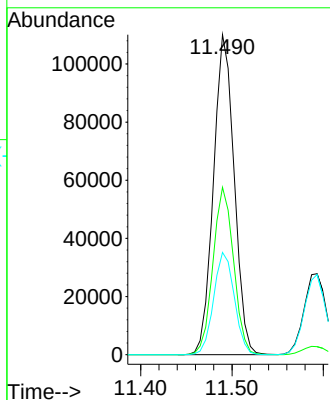
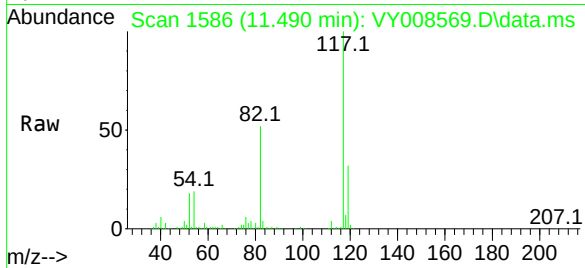
Tgt Ion:117 Resp: 173646

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 47.037 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Tgt Ion:164 Resp: 60571

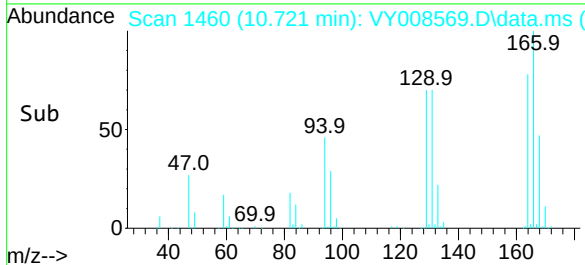
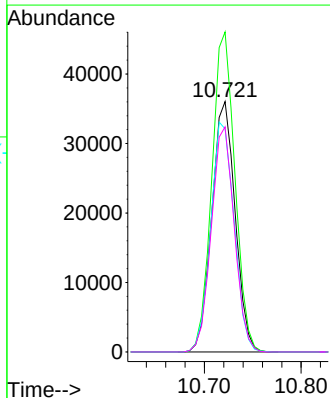
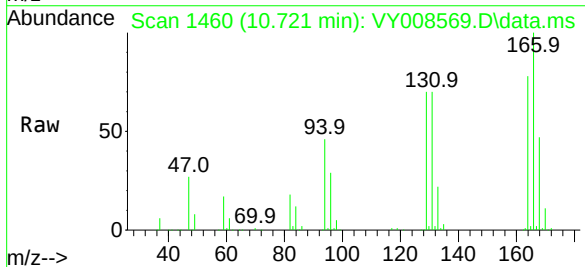
Ion Ratio Lower Upper

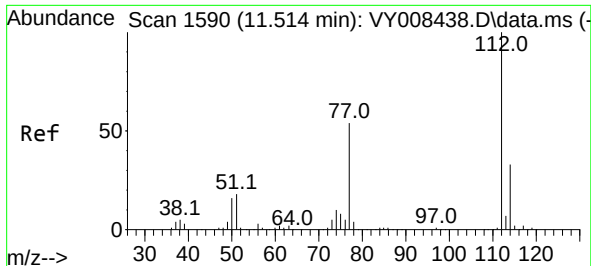
164 100

166 127.8 100.4 150.6

129 89.0 71.4 107.0

131 89.9 70.8 106.2

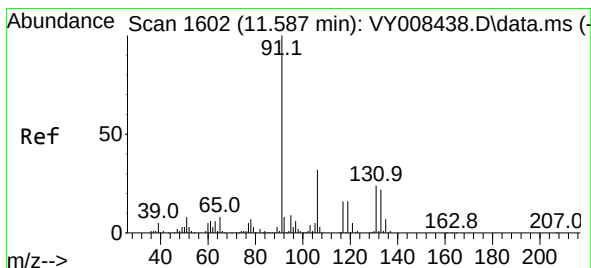
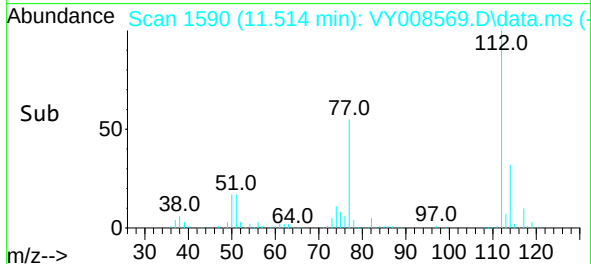
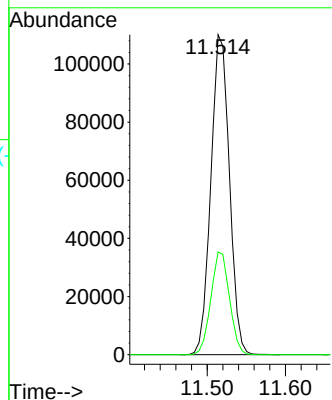
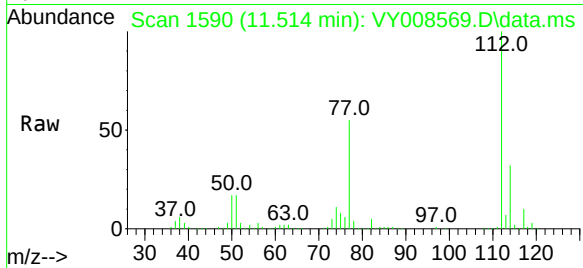




#65
Chlorobenzene
Concen: 46.030 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

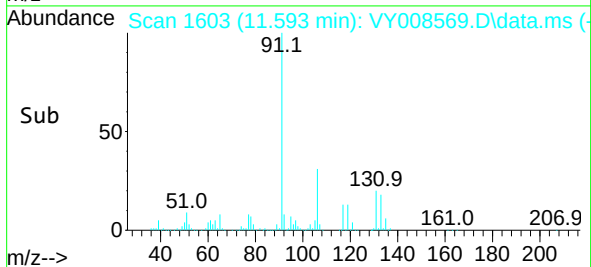
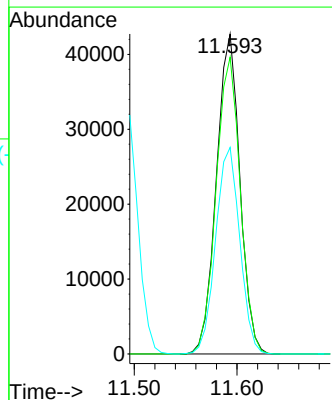
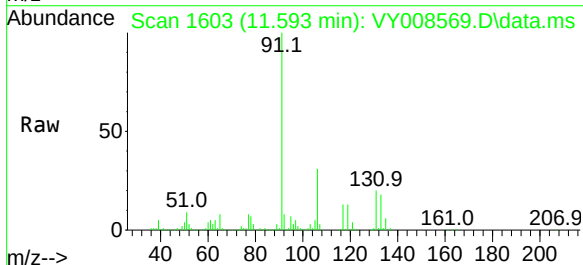
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

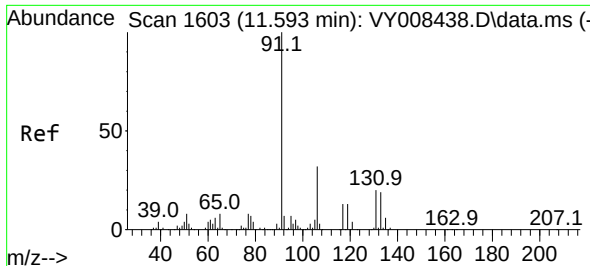
Tgt Ion:112 Resp: 180729
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.723 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion:131 Resp: 67730
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 66.4 30.8 92.3





#67

Ethyl Benzene

Concen: 47.765 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

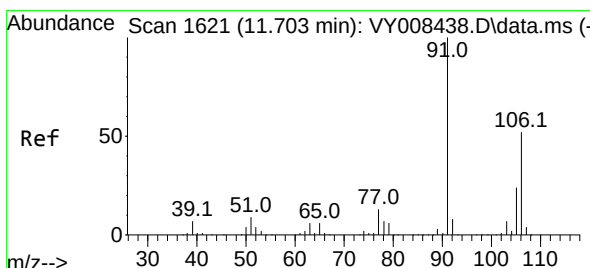
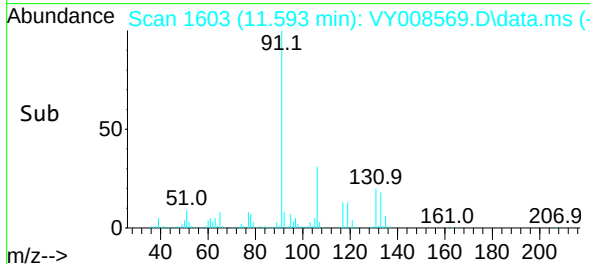
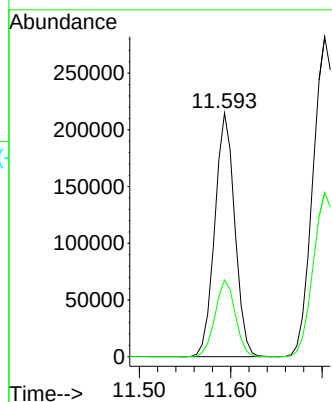
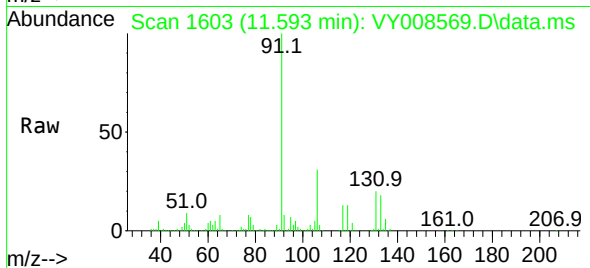
VSTDCCC050EC

Tgt Ion: 91 Resp: 325479

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 96.277 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008569.D

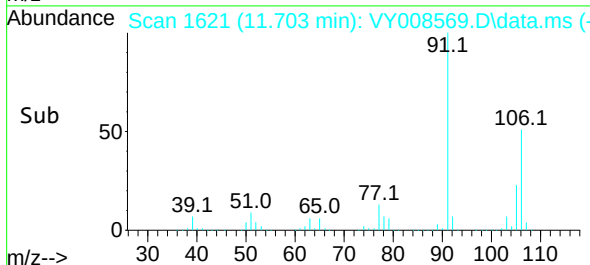
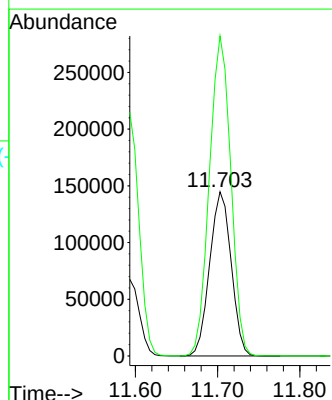
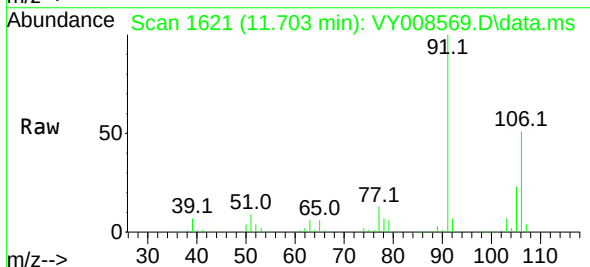
Acq: 29 Apr 2022 19:05

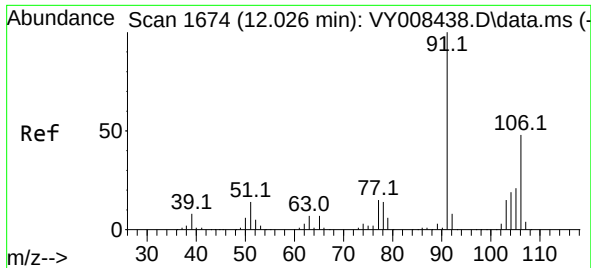
Tgt Ion:106 Resp: 262786

Ion Ratio Lower Upper

106 100

91 194.5 166.6 249.8

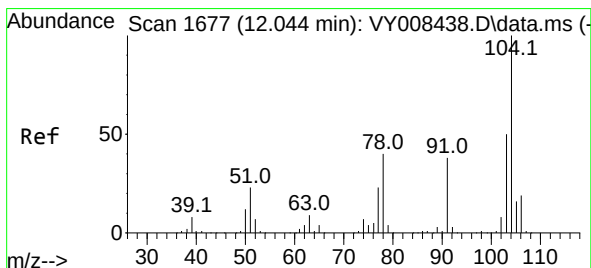
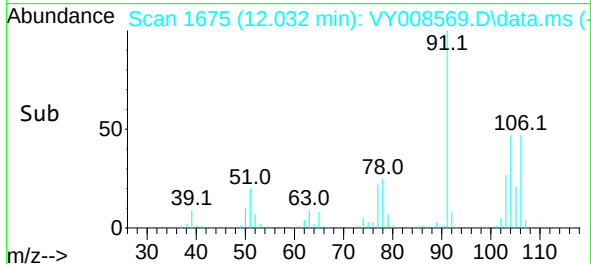
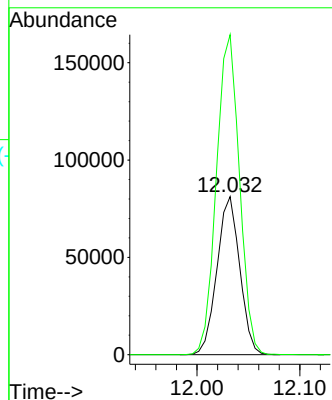
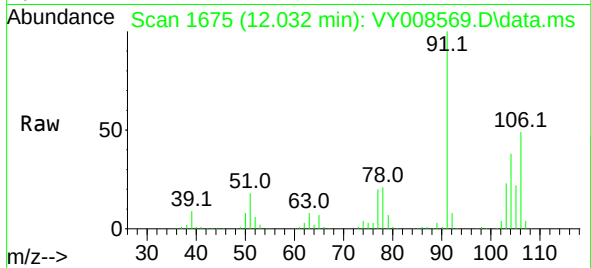




#69
o-Xylene
Concen: 47.487 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

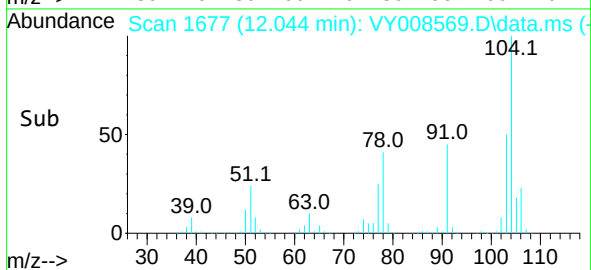
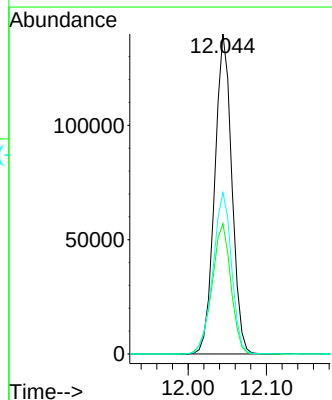
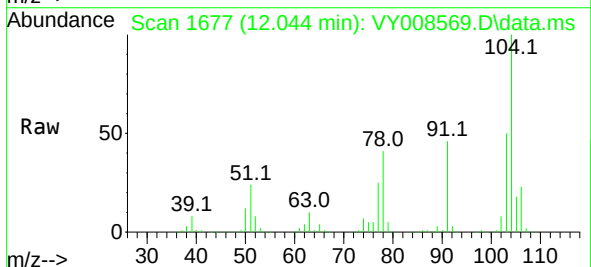
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

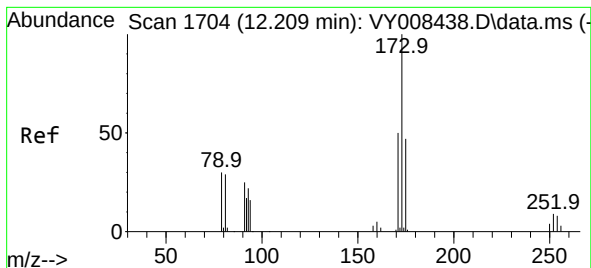
Tgt Ion:106 Resp: 124784
Ion Ratio Lower Upper
106 100
91 204.9 110.3 331.0



#70
Styrene
Concen: 48.002 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion:104 Resp: 212565
Ion Ratio Lower Upper
104 100
78 45.0 42.4 63.6
103 54.6 44.4 66.6





#71

Bromoform

Concen: 43.573 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

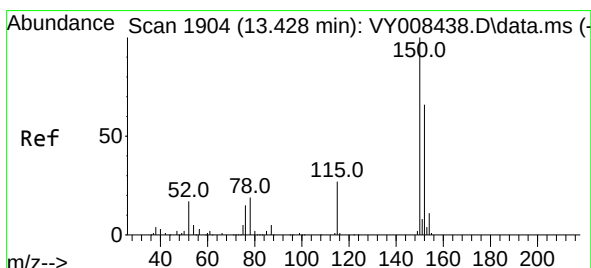
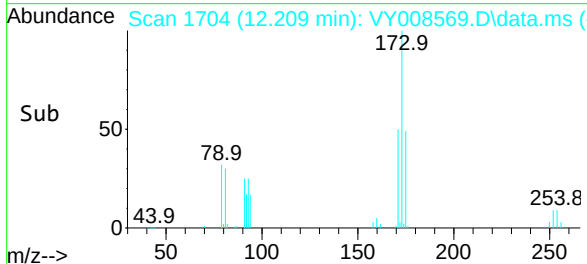
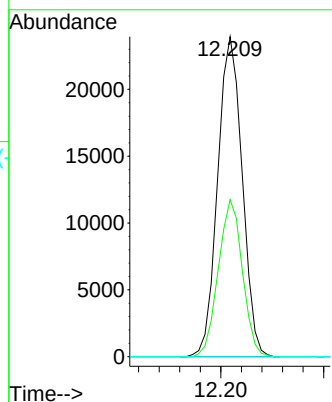
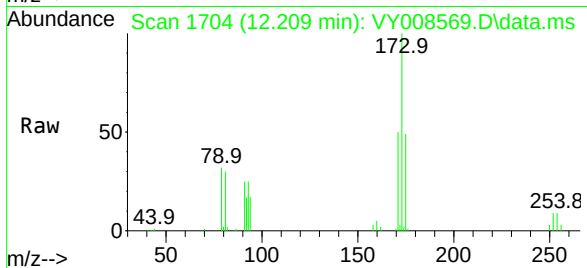
Tgt Ion:173 Resp: 39584

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

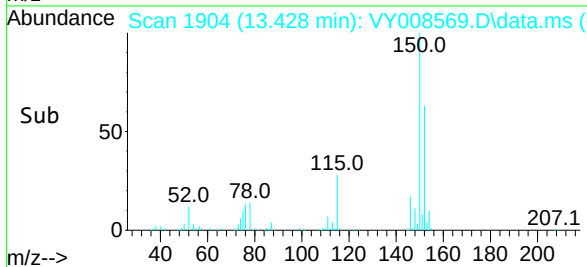
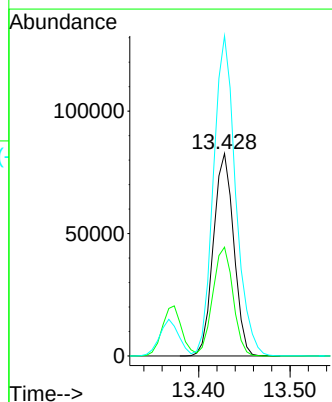
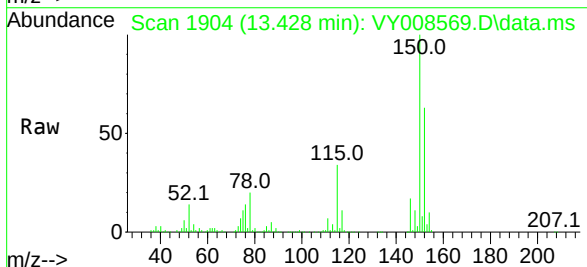
Tgt Ion:152 Resp: 127982

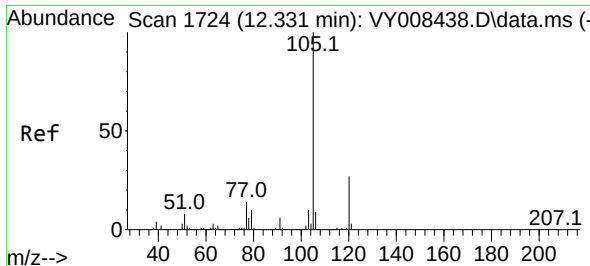
Ion Ratio Lower Upper

152 100

115 53.5 28.2 84.7

150 172.2 0.0 347.6

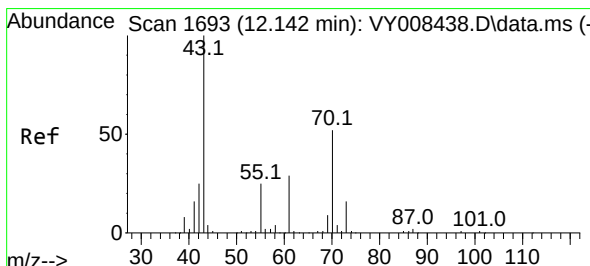
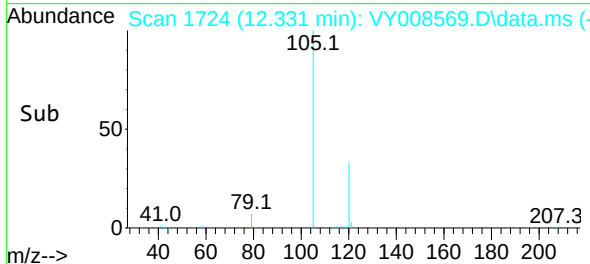
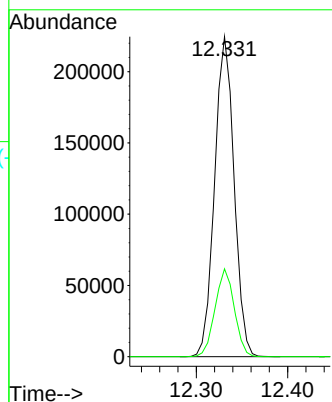
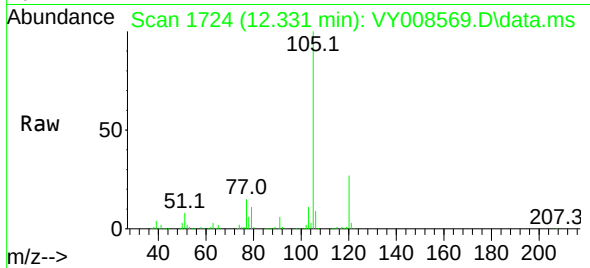




#73
Isopropylbenzene
Concen: 34.209 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

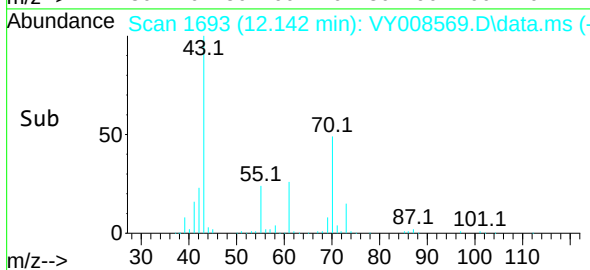
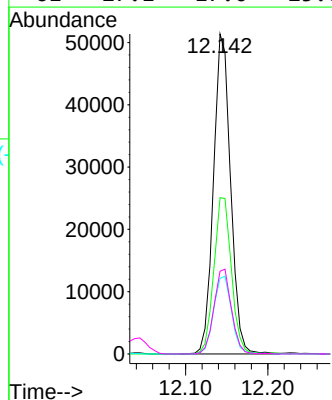
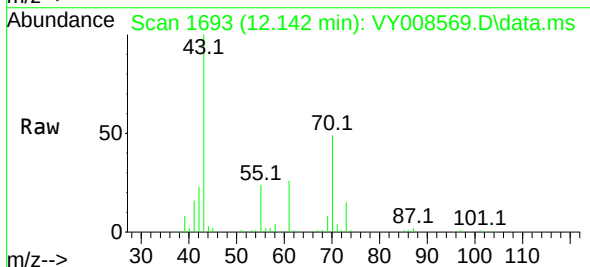
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

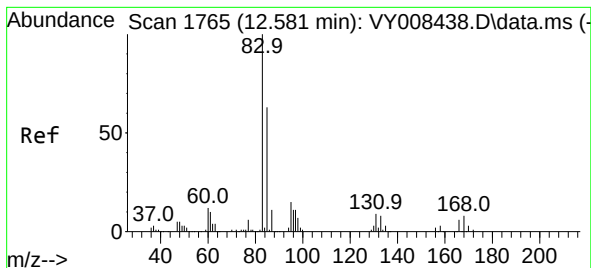
Tgt Ion:105 Resp: 331943
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 31.039 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 43 Resp: 74418
Ion Ratio Lower Upper
43 100
70 50.1 28.7 43.1#
55 25.5 17.3 25.9
61 27.1 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 35.285 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

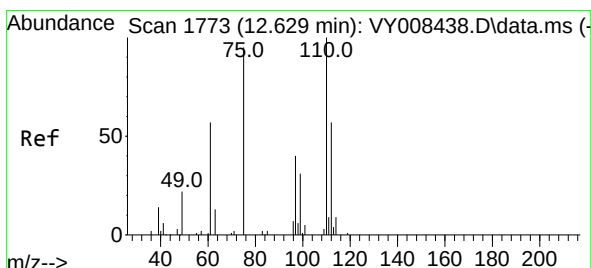
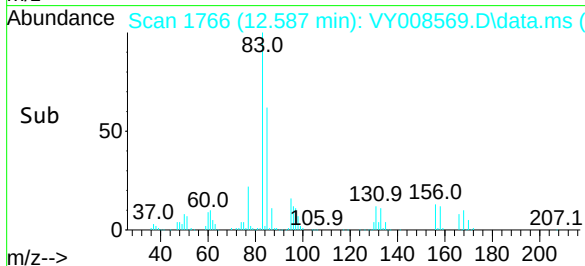
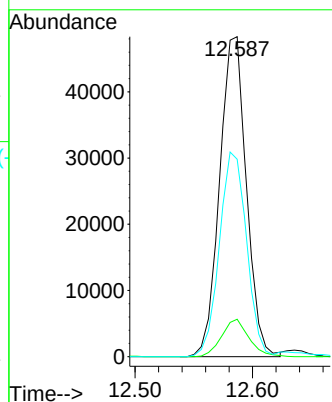
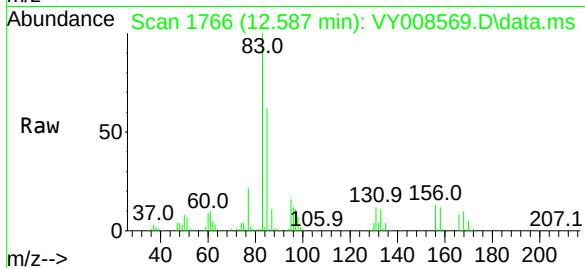
Tgt Ion: 83 Resp: 76501

Ion Ratio Lower Upper

83 100

131 11.9 5.6 16.8

85 64.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 57.880 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY008569.D

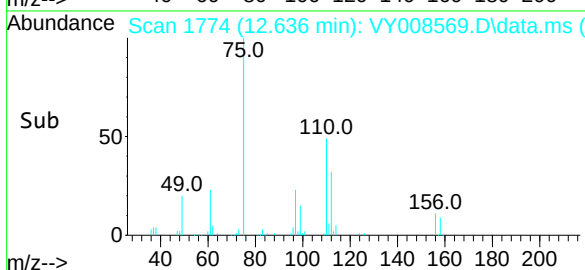
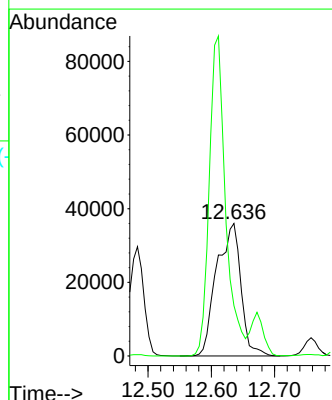
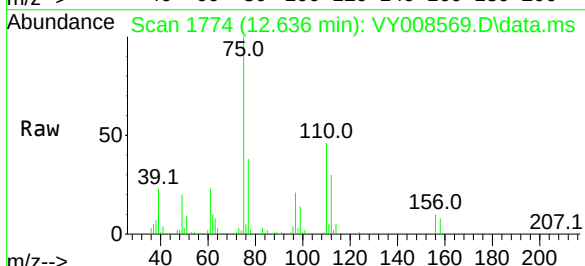
Acq: 29 Apr 2022 19:05

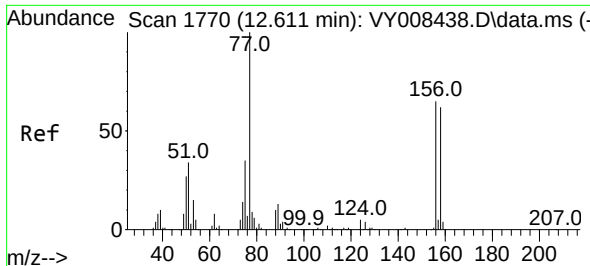
Tgt Ion: 75 Resp: 95866

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

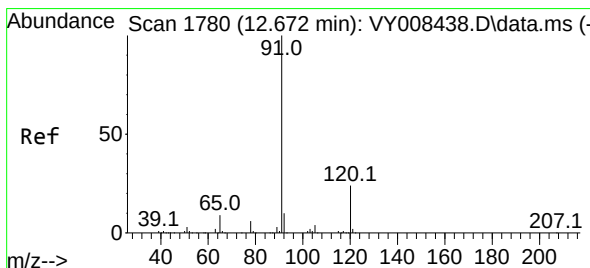
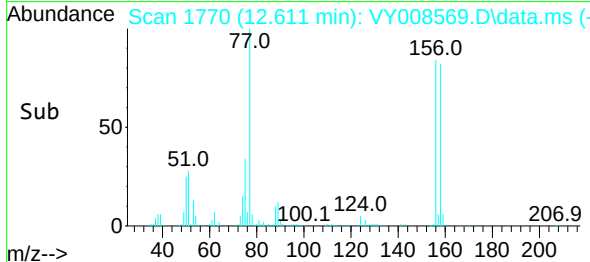
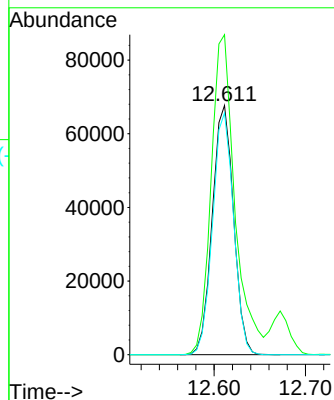
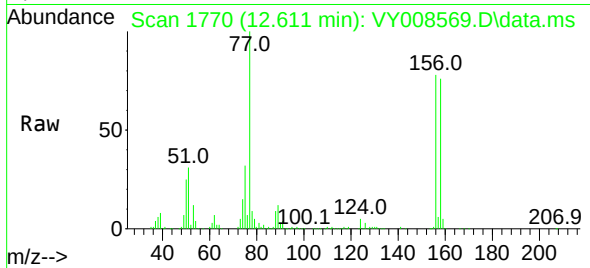




#77
Bromobenzene
Concen: 46.158 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

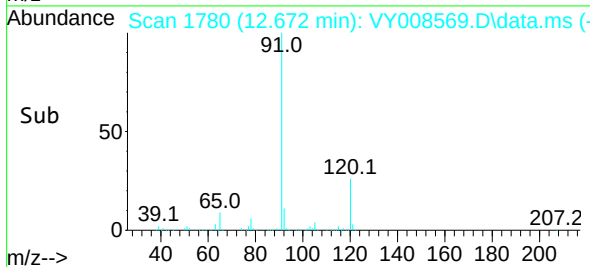
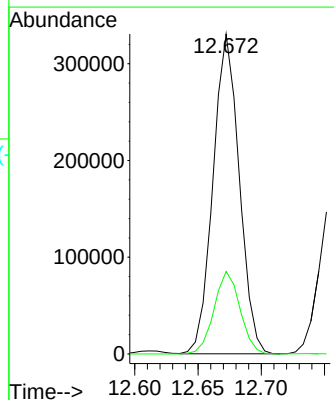
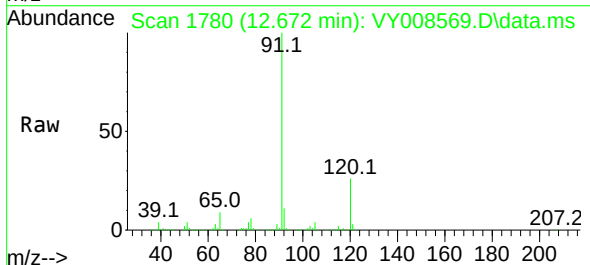
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

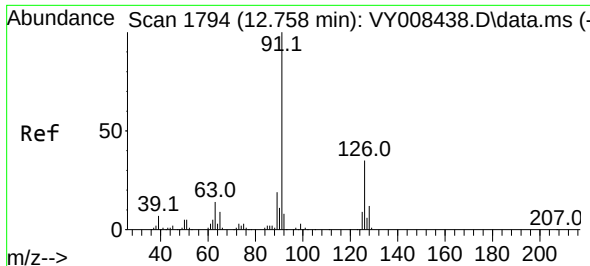
Tgt Ion:156 Resp: 109234
Ion Ratio Lower Upper
156 100
77 143.6 95.5 286.4
158 95.7 48.0 144.0



#78
n-propylbenzene
Concen: 40.894 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 91 Resp: 475967
Ion Ratio Lower Upper
91 100
120 25.5 11.3 33.9

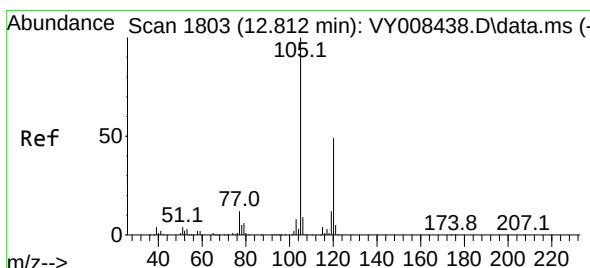
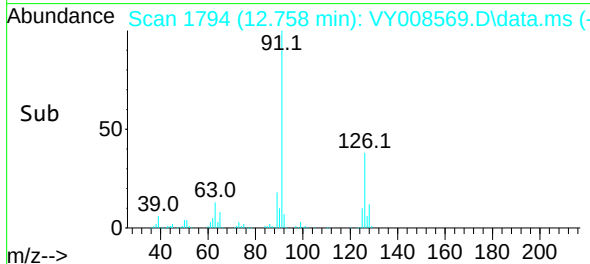
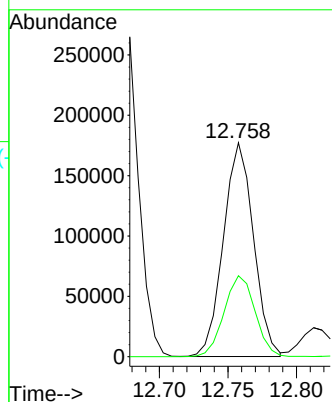
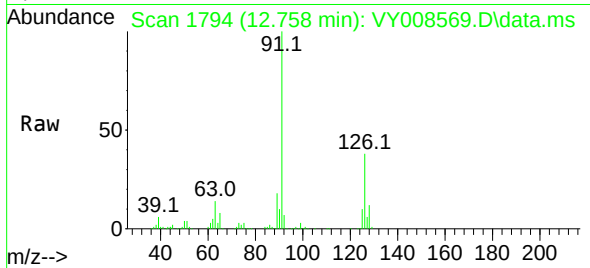




#79
2-Chlorotoluene
Concen: 41.361 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

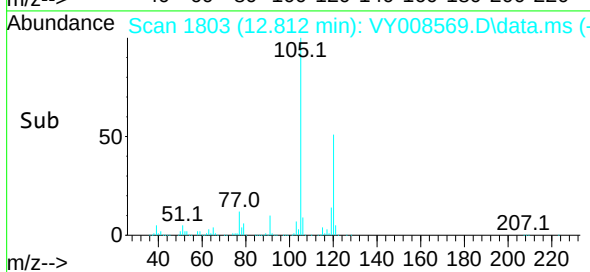
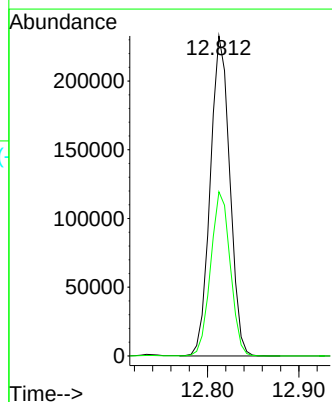
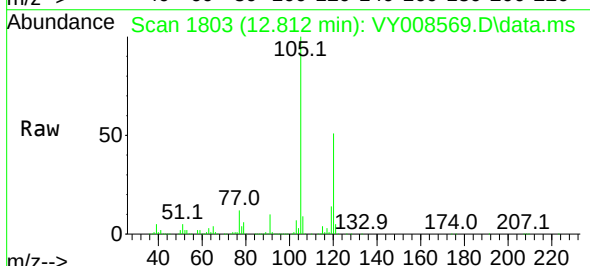
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

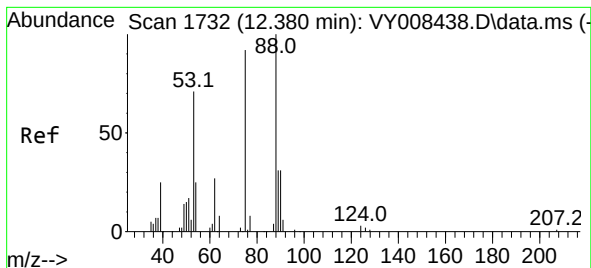
Tgt Ion: 91 Resp: 270950
Ion Ratio Lower Upper
91 100
126 39.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 42.756 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 105 Resp: 344369
Ion Ratio Lower Upper
105 100
120 51.6 24.4 73.4

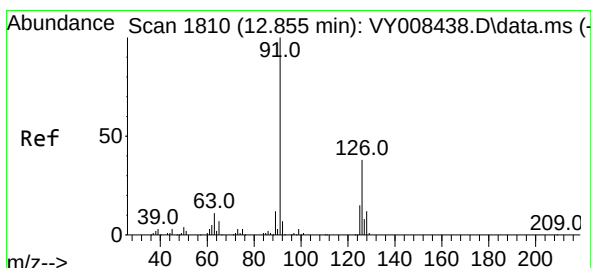
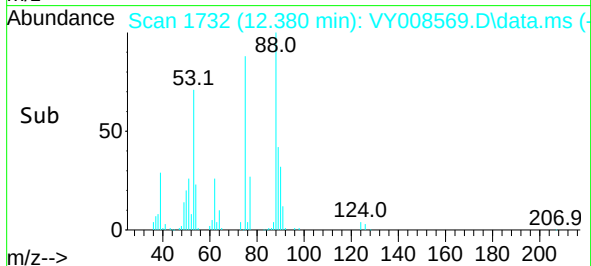
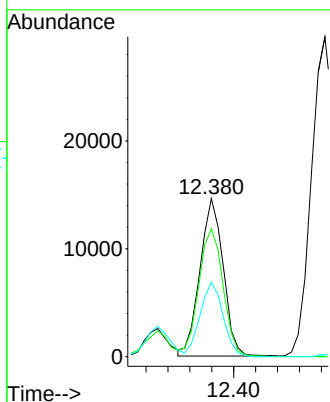
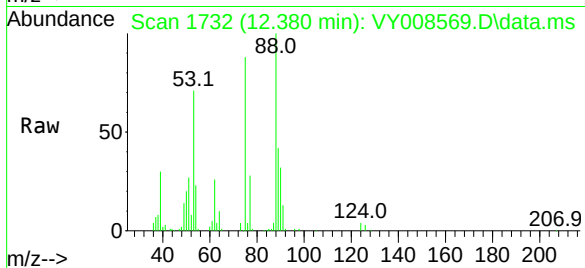




#81
trans-1,4-Dichloro-2-butene
Concen: 30.058 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

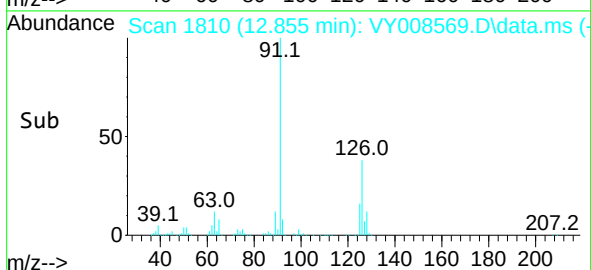
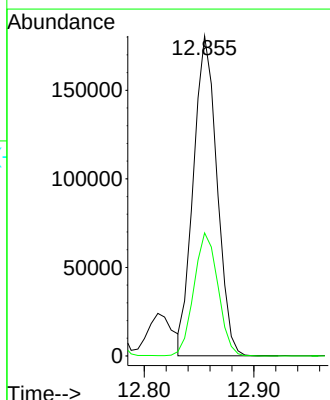
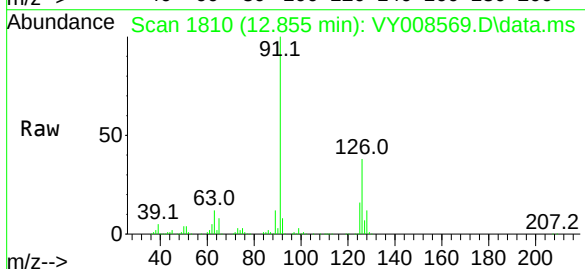
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

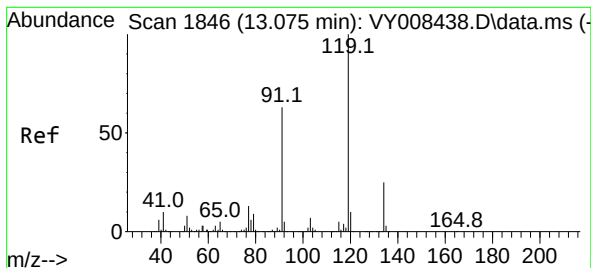
Tgt Ion: 75 Resp: 21460
Ion Ratio Lower Upper
75 100
53 85.3 85.3 127.9
89 46.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 39.720 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion: 91 Resp: 269633
Ion Ratio Lower Upper
91 100
126 39.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 47.652 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

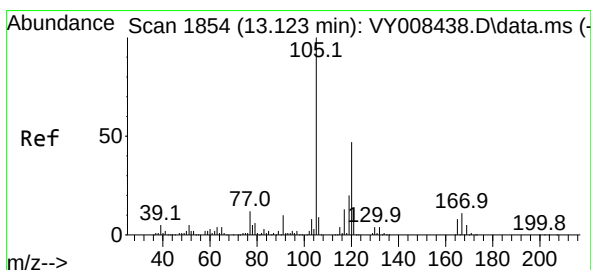
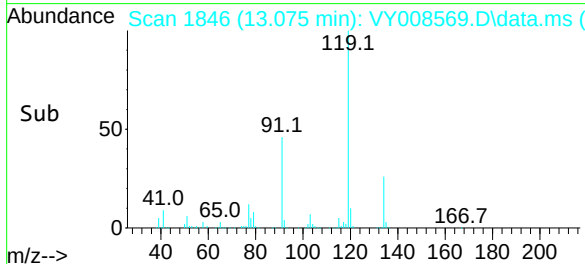
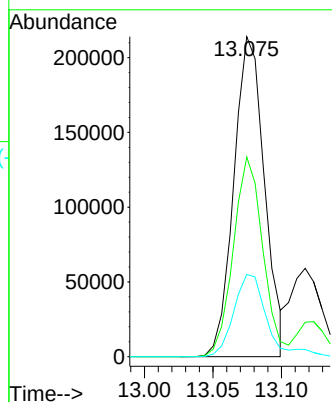
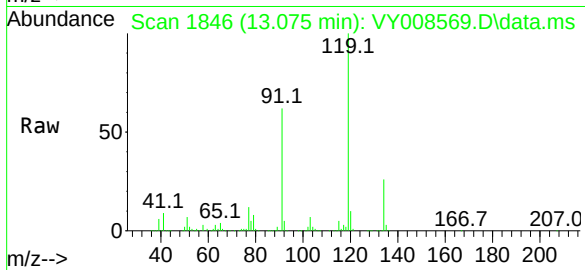
Tgt Ion:119 Resp: 333182

Ion Ratio Lower Upper

119 100

91 60.4 34.8 104.4

134 27.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 45.223 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008569.D

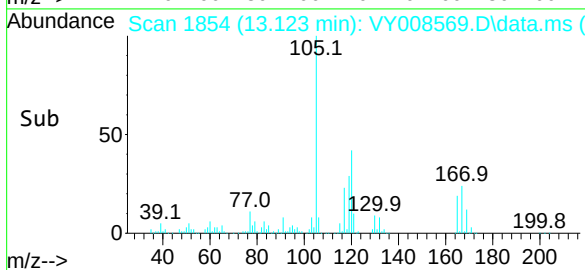
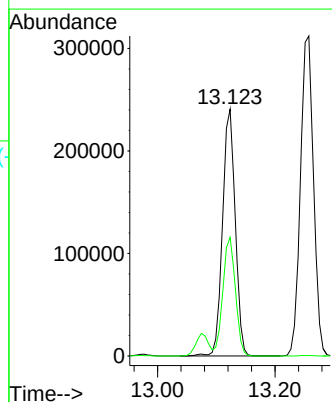
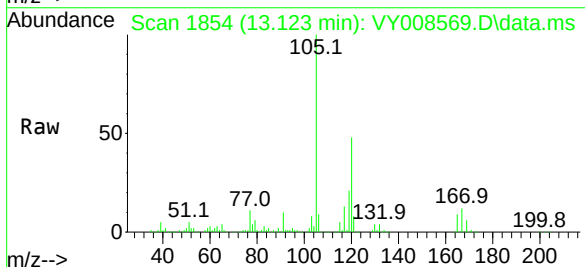
Acq: 29 Apr 2022 19:05

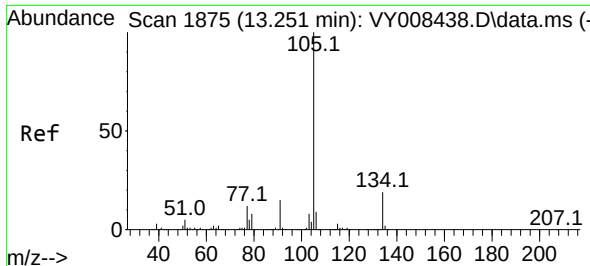
Tgt Ion:105 Resp: 361403

Ion Ratio Lower Upper

105 100

120 47.5 22.3 66.9

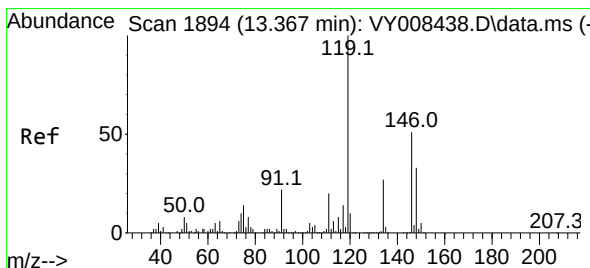
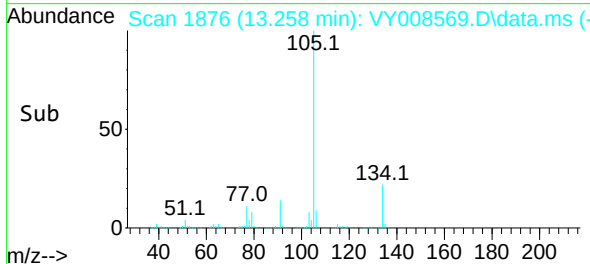
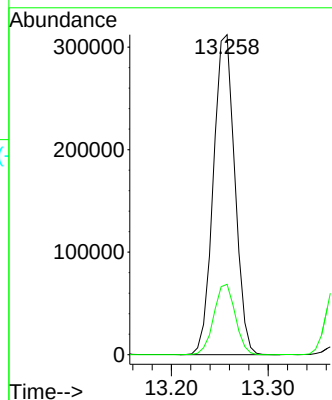
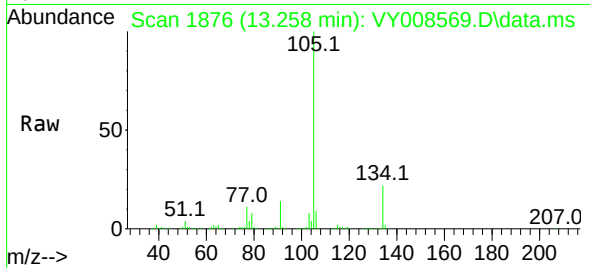




#85
 sec-Butylbenzene
 Concen: 45.560 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

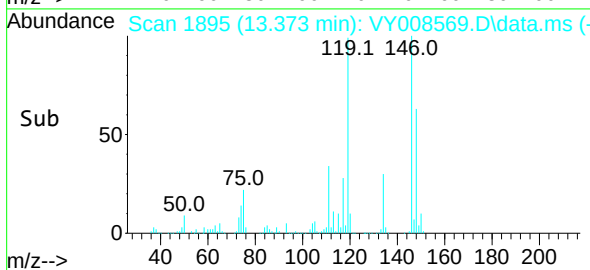
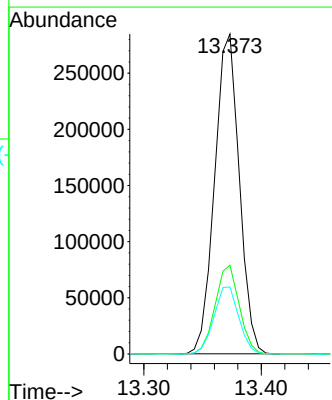
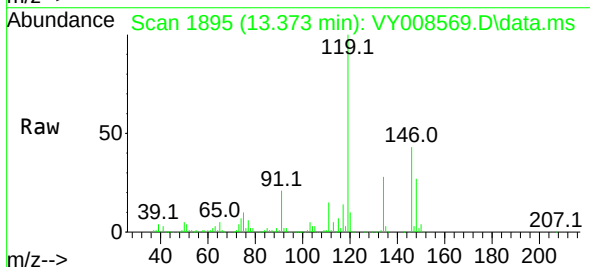
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

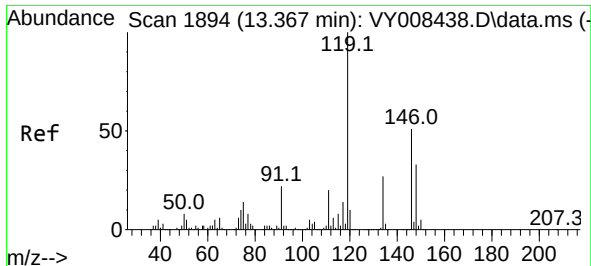
Tgt Ion:105 Resp: 480752
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 46.972 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008569.D
 Acq: 29 Apr 2022 19:05

Tgt Ion:119 Resp: 415090
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 21.3 12.4 37.2

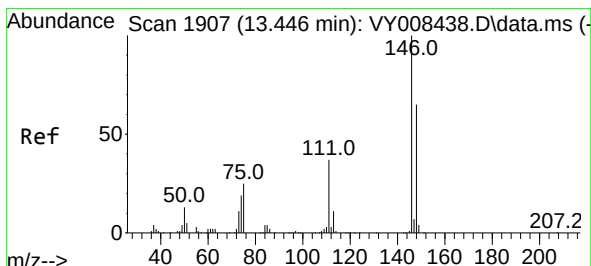
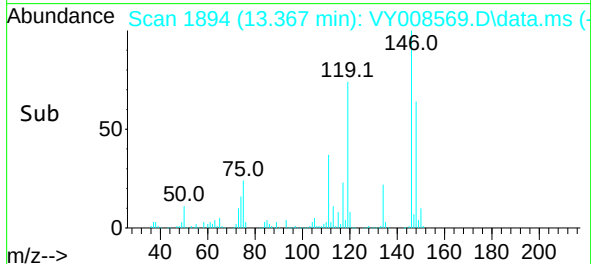
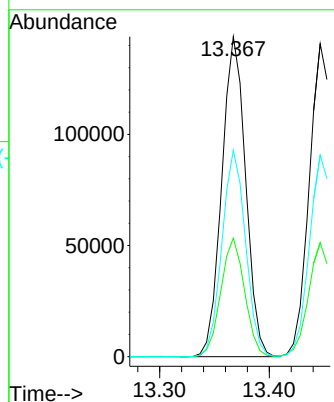
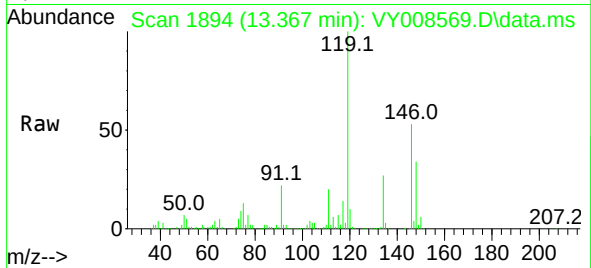




#87
1,3-Dichlorobenzene
Concen: 45.972 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

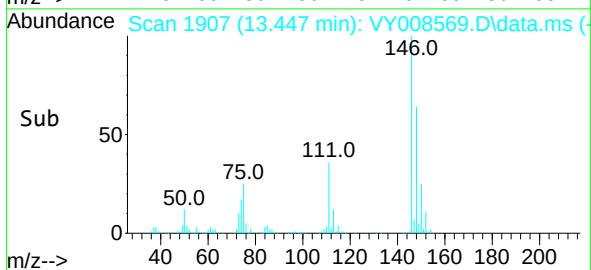
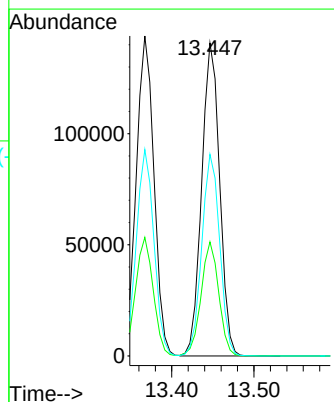
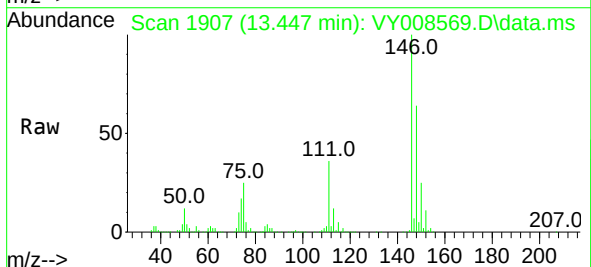
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

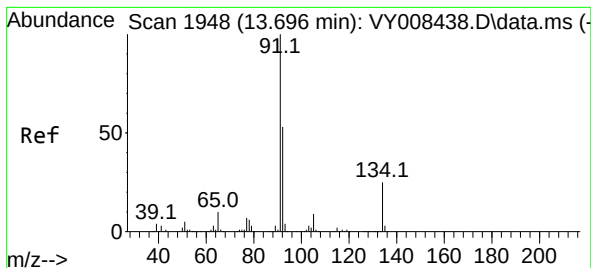
Tgt Ion:146 Resp: 217808
Ion Ratio Lower Upper
146 100
111 36.8 19.5 58.5
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 45.621 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY008569.D
Acq: 29 Apr 2022 19:05

Tgt Ion:146 Resp: 214115
Ion Ratio Lower Upper
146 100
111 35.8 19.3 57.8
148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 42.392 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

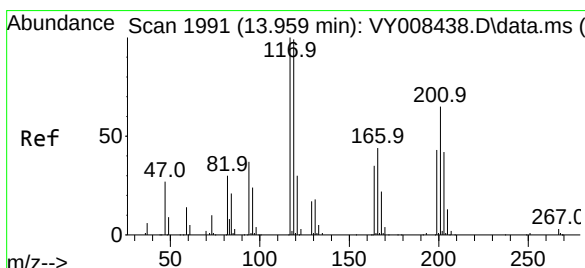
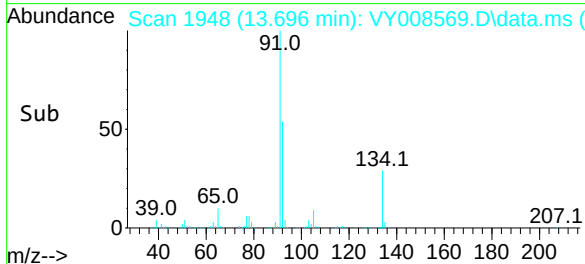
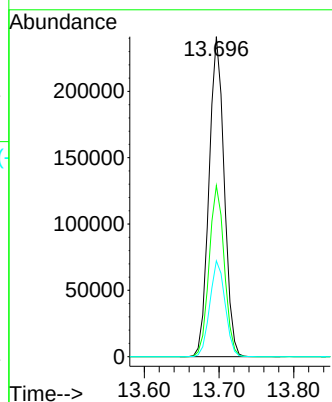
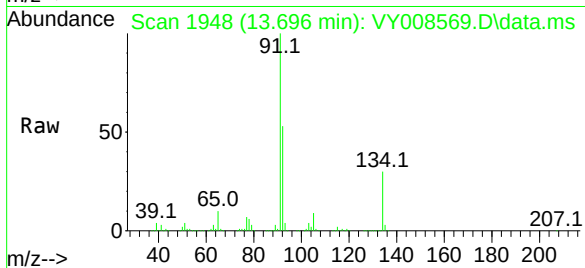
Tgt Ion: 91 Resp: 340012

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 30.2 13.0 38.9



#90

Hexachloroethane

Concen: 36.686 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY008569.D

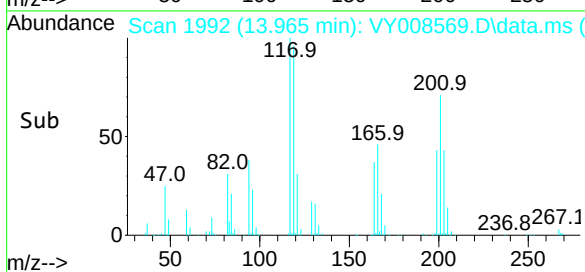
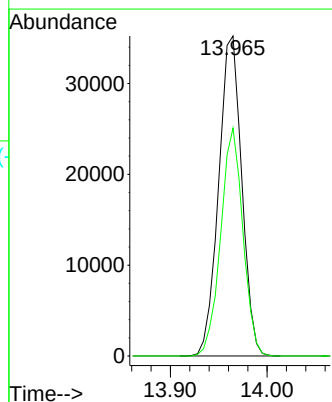
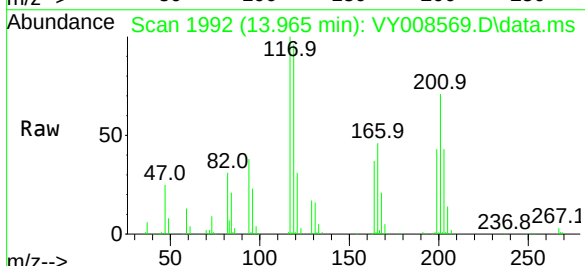
Acq: 29 Apr 2022 19:05

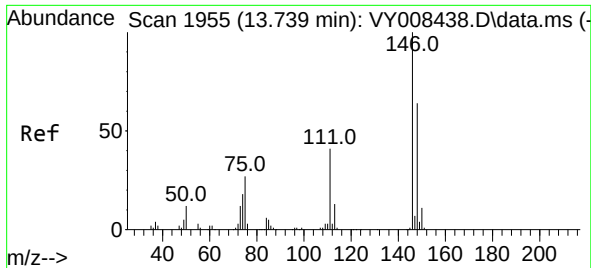
Tgt Ion: 117 Resp: 58286

Ion Ratio Lower Upper

117 100

201 68.5 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 44.226 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

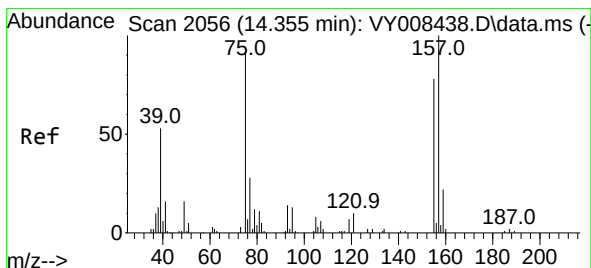
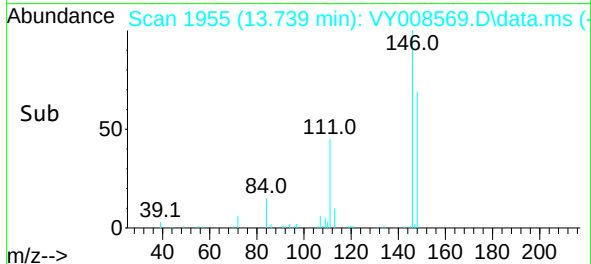
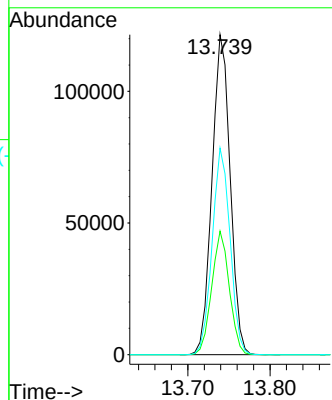
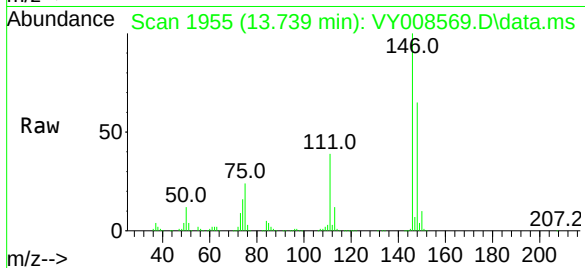
Tgt Ion:146 Resp: 186317

Ion Ratio Lower Upper

146 100

111 37.5 20.3 60.9

148 63.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 28.672 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

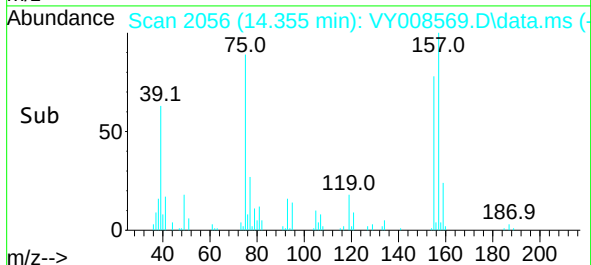
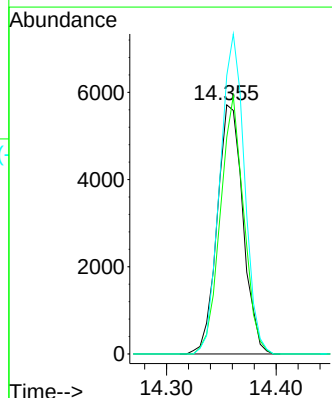
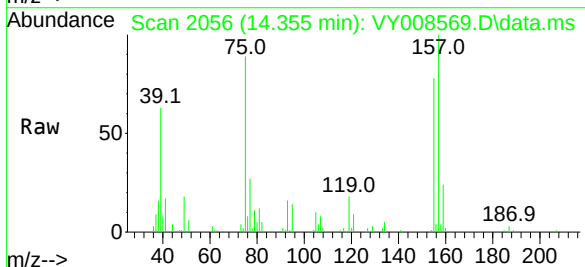
Tgt Ion: 75 Resp: 9342

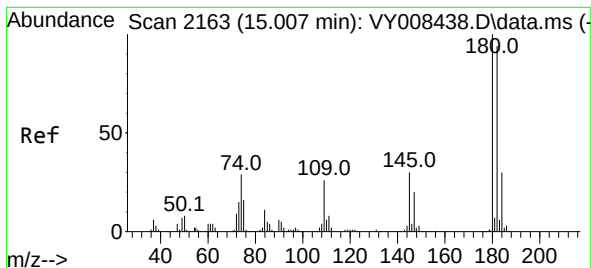
Ion Ratio Lower Upper

75 100

155 93.9 38.0 113.9

157 121.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 32.210 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

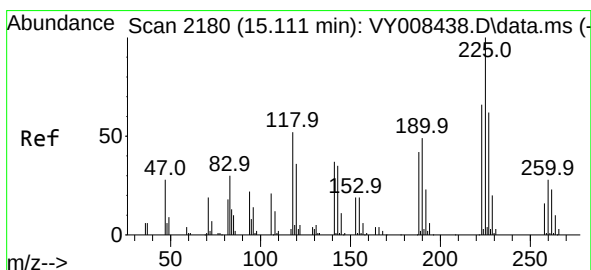
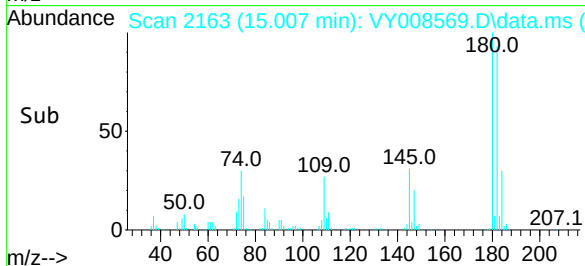
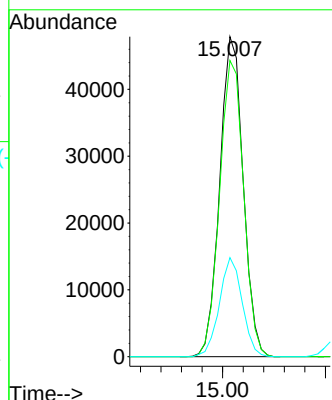
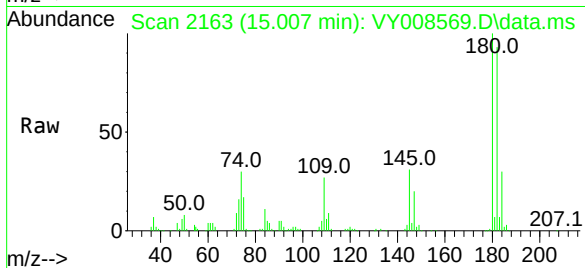
Tgt Ion:180 Resp: 75532

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 30.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 35.361 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

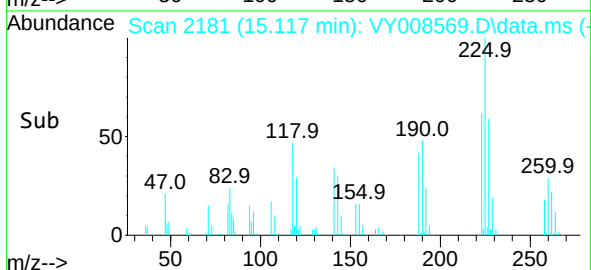
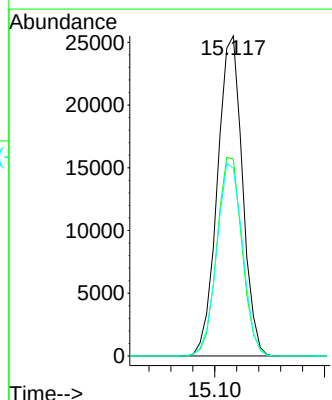
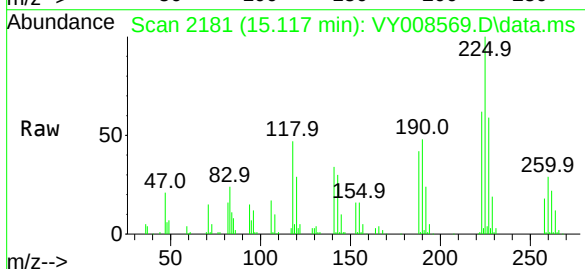
Tgt Ion:225 Resp: 40459

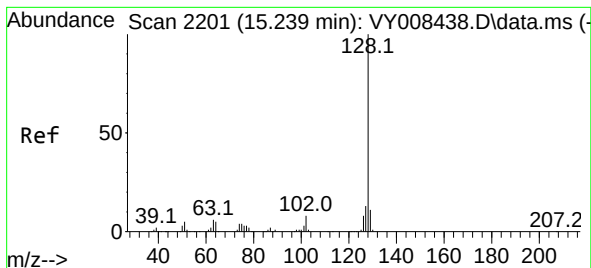
Ion Ratio Lower Upper

225 100

223 62.6 30.8 92.3

227 62.0 31.6 94.7





#95

Naphthalene

Concen: 30.693 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

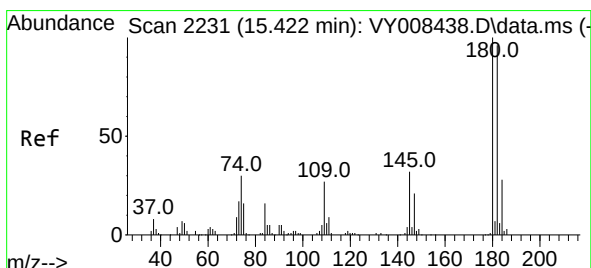
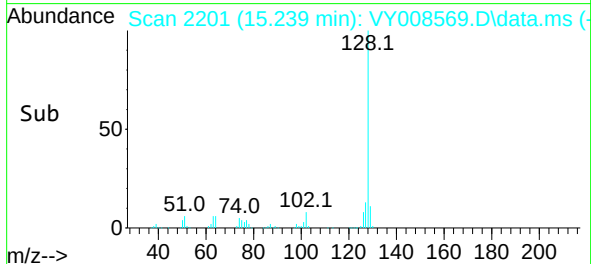
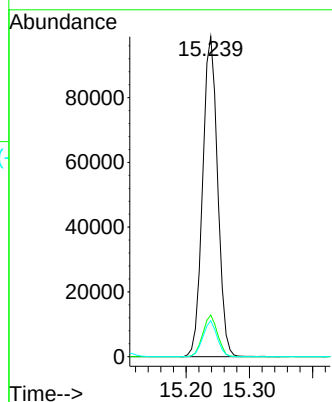
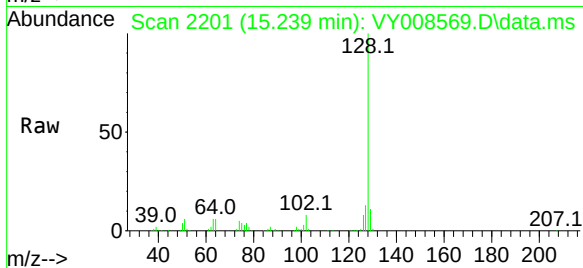
Tgt Ion:128 Resp: 163166

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 32.090 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008569.D

Acq: 29 Apr 2022 19:05

Tgt Ion:180 Resp: 65866

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 32.6 15.3 45.9

