

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012568.D
 Acq On : 09 Feb 2023 18:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 10 06:00:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91522	52.697	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.400%	
35) Dibromofluoromethane	7.716	113	78062	53.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.179	98	320963	53.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.200%	
62) 4-Bromofluorobenzene	12.477	95	111149	52.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	41373	42.332	ug/l	98
3) Chloromethane	2.113	50	42677	40.104	ug/l	99
4) Vinyl Chloride	2.253	62	56265	42.439	ug/l	99
5) Bromomethane	2.650	94	46736	48.186	ug/l	95
6) Chloroethane	2.796	64	41523	44.996	ug/l	99
7) Trichlorofluoromethane	3.125	101	123556	45.341	ug/l	98
8) Diethyl Ether	3.528	74	39291	48.625	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.900	101	64113	46.591	ug/l	100
10) Methyl Iodide	4.088	142	84206	47.202	ug/l	99
11) Tert butyl alcohol	4.954	59	37319	221.517	ug/l	96
12) 1,1-Dichloroethene	3.869	96	61218	45.024	ug/l	99
13) Acrolein	3.729	56	48290	236.514	ug/l	97
14) Allyl chloride	4.479	41	75719	45.674	ug/l	99
15) Acrylonitrile	5.161	53	98674	264.690	ug/l	100
16) Acetone	3.942	43	107076	256.154	ug/l	100
17) Carbon Disulfide	4.198	76	144797	41.057	ug/l	99
18) Methyl Acetate	4.473	43	48748	48.518	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	204086	51.295	ug/l	100
20) Methylene Chloride	4.716	84	80111	51.420	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	69240	46.694	ug/l	97
22) Diisopropyl ether	6.119	45	170114	50.465	ug/l	99
23) Vinyl Acetate	6.058	43	536558	264.037	ug/l	98
24) 1,1-Dichloroethane	6.021	63	115210	47.810	ug/l	98
25) 2-Butanone	6.984	43	120205	259.180	ug/l	99
26) 2,2-Dichloropropane	6.978	77	122018	46.086	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	83002	48.234	ug/l	99
28) Bromochloromethane	7.332	49	47858	54.635	ug/l	99
29) Tetrahydrofuran	7.344	42	68812	274.443	ug/l	97
30) Chloroform	7.509	83	143178	49.281	ug/l	97
31) Cyclohexane	7.783	56	88305	43.976	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	137144	48.644	ug/l	100
36) 1,1-Dichloropropene	7.917	75	94319	47.986	ug/l	100
37) Ethyl Acetate	7.070	43	46419	52.338	ug/l	99
38) Carbon Tetrachloride	7.899	117	129524	49.091	ug/l	99
39) Methylcyclohexane	9.185	83	111962	47.338	ug/l	99
40) Benzene	8.161	78	281925	48.563	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	68059	140.067	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	97215	51.665	ug/l	99
43) Isopropyl Acetate	8.271	43	89873	54.653	ug/l	98
44) Trichloroethene	8.941	130	87908	49.743	ug/l	98
45) 1,2-Dichloropropane	9.216	63	62120	49.348	ug/l	99
46) Dibromomethane	9.307	93	43386	52.052	ug/l	99
47) Bromodichloromethane	9.496	83	112557	52.081	ug/l	99
48) Methyl methacrylate	9.289	41	40810	54.294	ug/l	96
49) 1,4-Dioxane	9.295	88	13436	1167.706	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	257311	290.022	ug/l	99
52) Toluene	10.240	92	195674	49.703	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	113416	52.079	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	119081	50.529	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	65033	53.397	ug/l	98
56) Ethyl methacrylate	10.508	69	86008	56.208	ug/l	99
57) 1,3-Dichloropropane	10.789	76	102970	52.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	199766	290.453	ug/l	99
59) 2-Hexanone	10.831	43	192831	287.602	ug/l	100
60) Dibromochloromethane	10.984	129	87145	53.677	ug/l	98
61) 1,2-Dibromoethane	11.087	107	61262	53.684	ug/l	99
64) Tetrachloroethene	10.721	164	103528	52.045	ug/l	98
65) Chlorobenzene	11.514	112	220732	48.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	87714	49.529	ug/l	100
67) Ethyl Benzene	11.593	91	384576	48.473	ug/l	99
68) m/p-Xylenes	11.703	106	310514	98.050	ug/l	99
69) o-Xylene	12.026	106	150621	49.942	ug/l	100
70) Styrene	12.044	104	256516	50.151	ug/l	100
71) Bromoform	12.209	173	60779	54.297	ug/l #	99
73) Isopropylbenzene	12.331	105	403615	47.249	ug/l	98
74) N-amyl acetate	12.142	43	80833	52.275	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	68841	49.840	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	102011	86.479	ug/l #	100
77) Bromobenzene	12.605	156	99828	48.216	ug/l	99
78) n-propylbenzene	12.672	91	468260	47.626	ug/l	100
79) 2-Chlorotoluene	12.758	91	264585	47.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	353801	48.113	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	27319	52.226	ug/l	99
82) 4-Chlorotoluene	12.855	91	277741	47.437	ug/l	100
83) tert-Butylbenzene	13.075	119	309542	48.003	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	349007	48.235	ug/l	100
85) sec-Butylbenzene	13.251	105	441232	47.829	ug/l	100
86) p-Isopropyltoluene	13.367	119	390118	48.746	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	199565	48.444	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	200269	48.533	ug/l	99
89) n-Butylbenzene	13.697	91	331332	48.441	ug/l	100
90) Hexachloroethane	13.959	117	69272	47.157	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	183003	49.382	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14644	53.277	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	119274	51.943	ug/l	99
94) Hexachlorobutadiene	15.111	225	69718	48.874	ug/l	99
95) Naphthalene	15.233	128	251193	56.985	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	105482	53.069	ug/l	99

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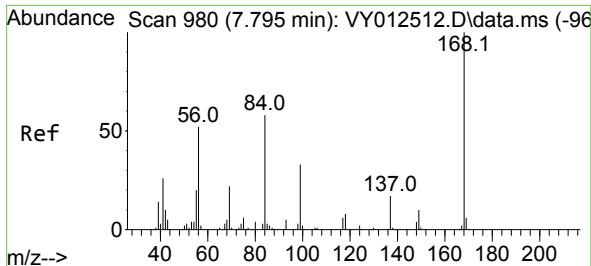
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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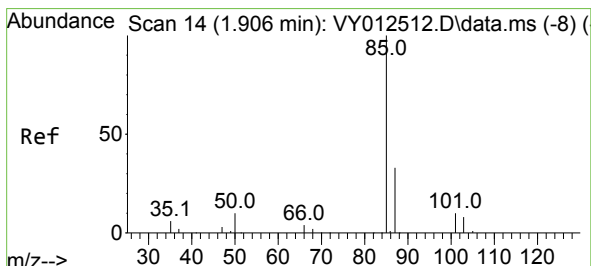
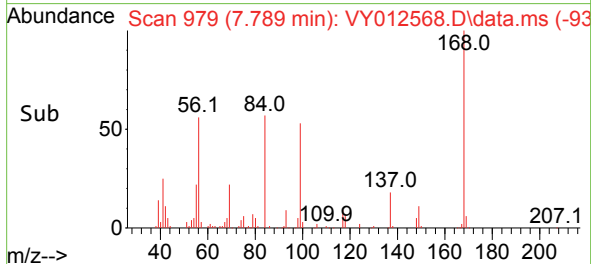
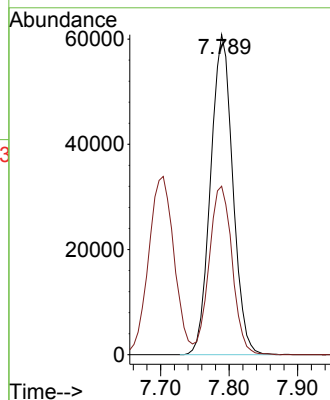
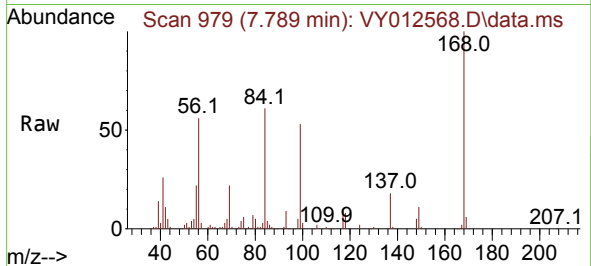




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012568.D
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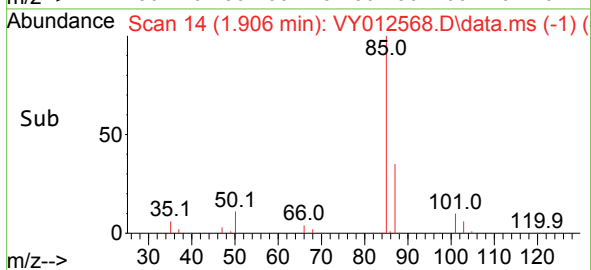
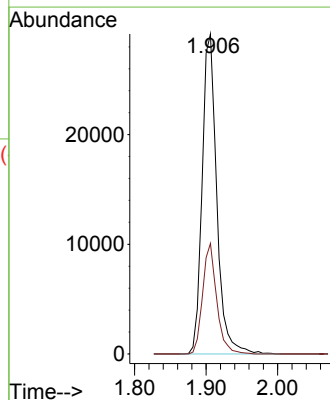
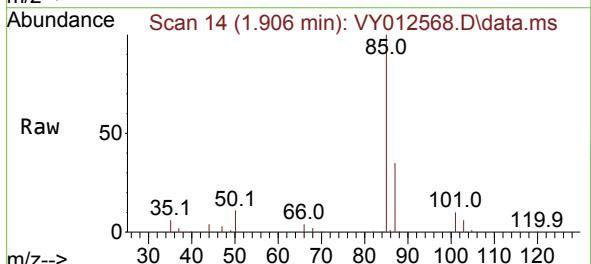
Instrument :
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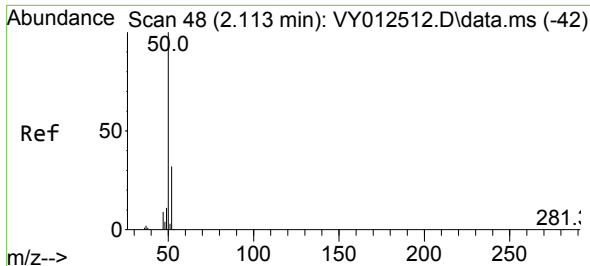
Tgt Ion:168 Resp: 136579
Ion Ratio Lower Upper
168 100
99 52.6 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 42.332 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 85 Resp: 41373
Ion Ratio Lower Upper
85 100
87 34.5 16.6 49.8

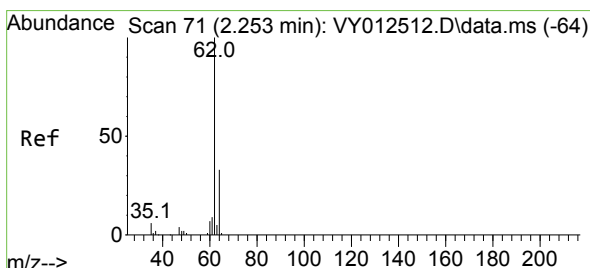
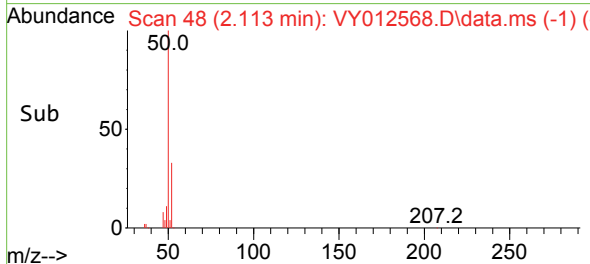
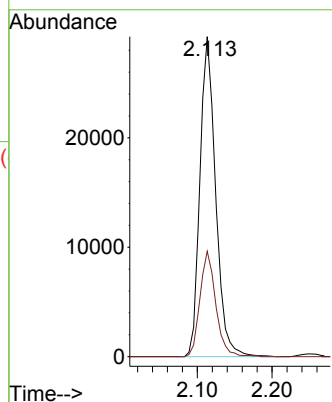
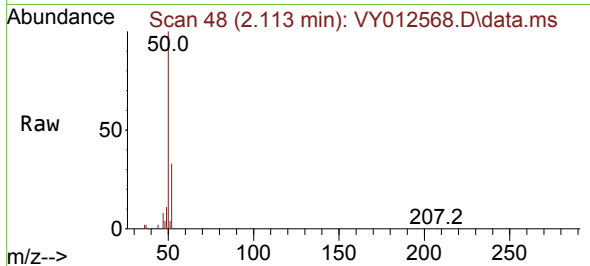




#3
Chloromethane
Concen: 40.104 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

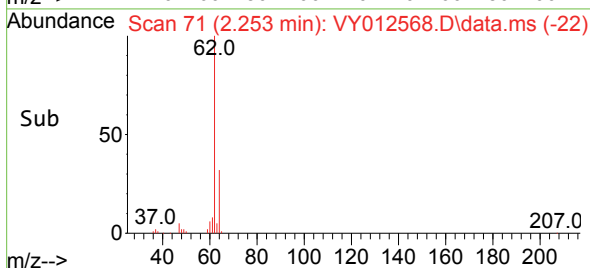
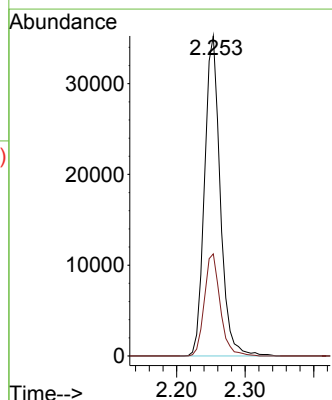
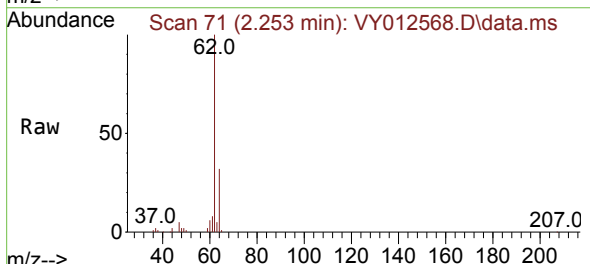
Instrument :
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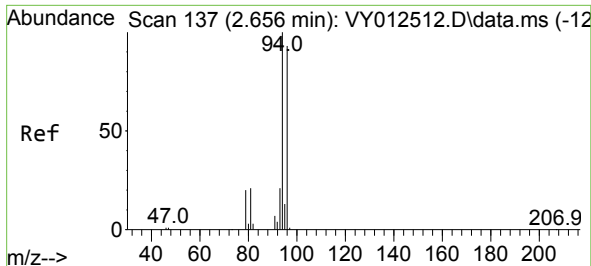
Tgt Ion: 50 Resp: 42677
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.6



#4
Vinyl Chloride
Concen: 42.439 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 62 Resp: 56265
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

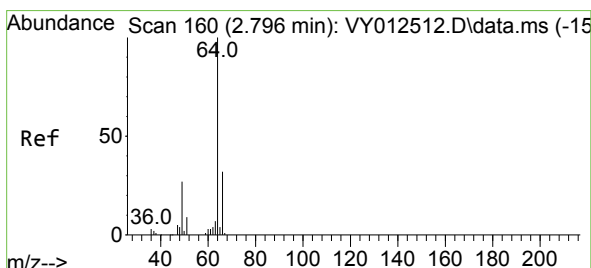
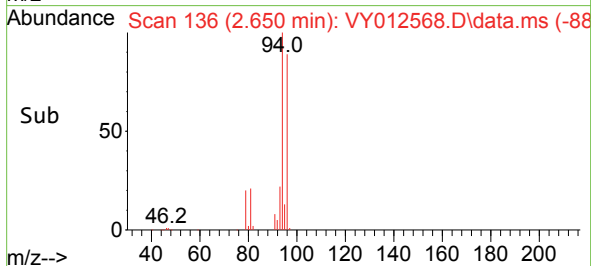
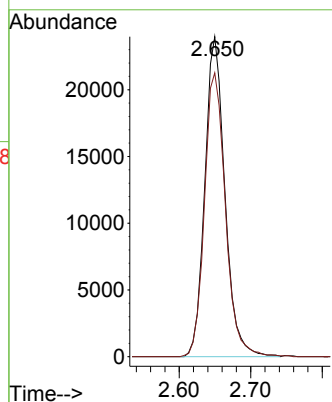
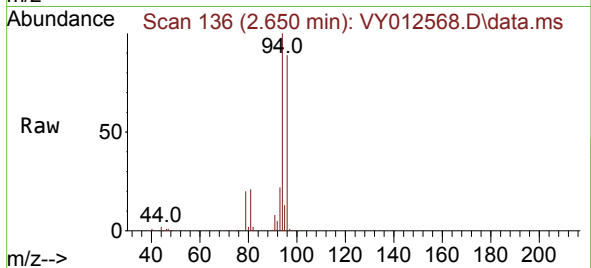




#5
Bromomethane
Concen: 48.186 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

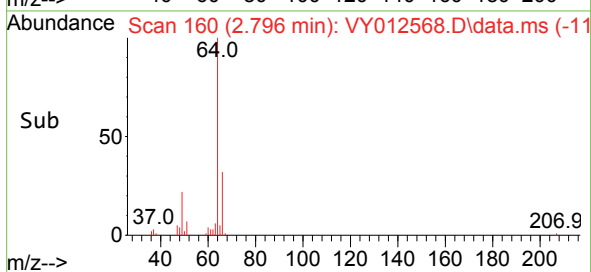
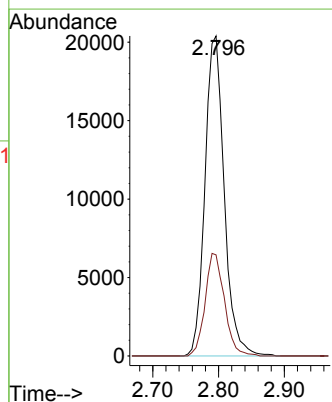
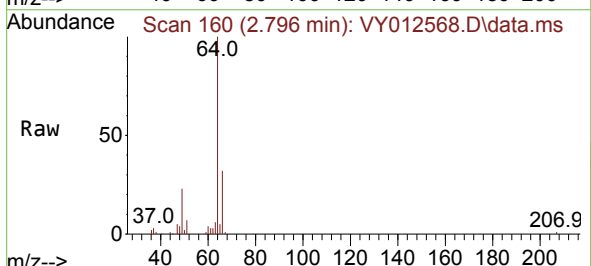
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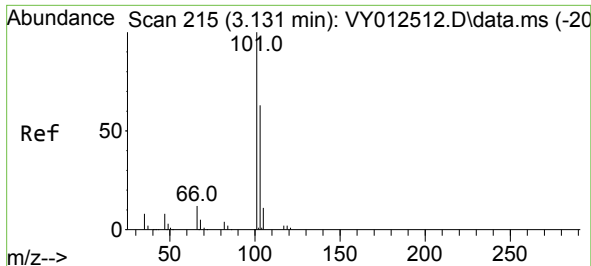
Tgt Ion: 94 Resp: 46736
Ion Ratio Lower Upper
94 100
96 88.7 74.7 112.1



#6
Chloroethane
Concen: 44.996 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 64 Resp: 41523
Ion Ratio Lower Upper
64 100
66 31.6 25.7 38.5

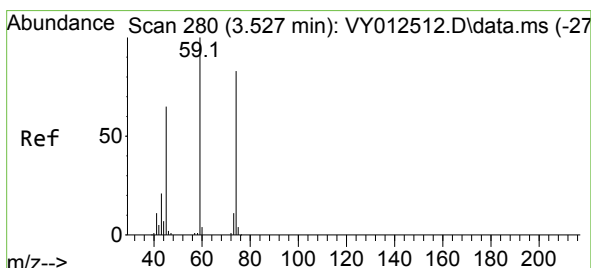
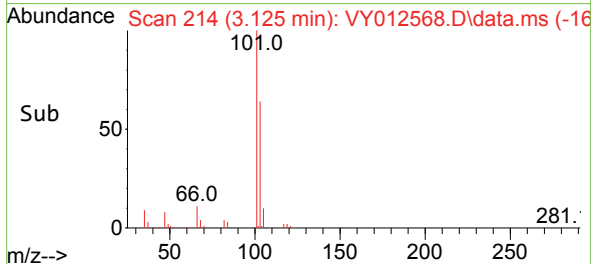
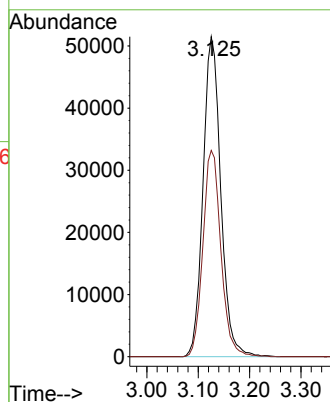
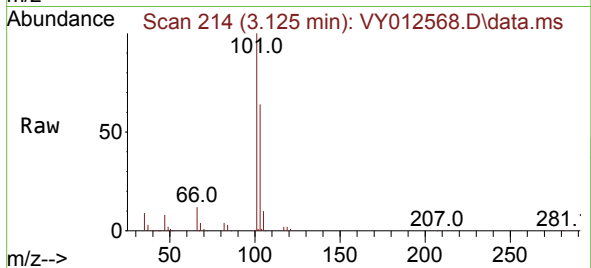




#7
Trichlorofluoromethane
Concen: 45.341 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

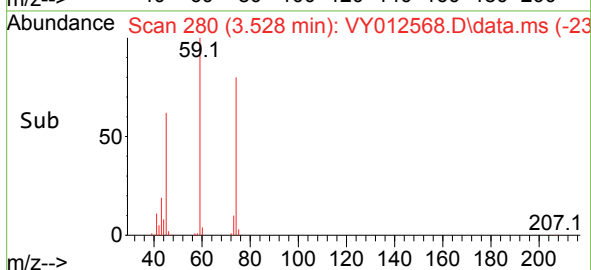
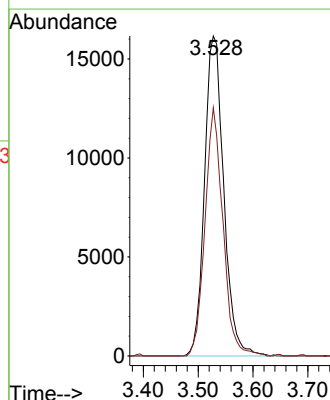
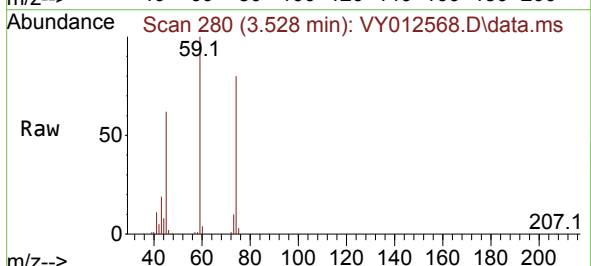
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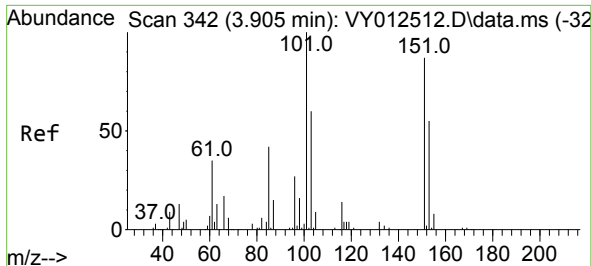
Tgt Ion:101 Resp: 123556
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1



#8
Diethyl Ether
Concen: 48.625 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 74 Resp: 39291
Ion Ratio Lower Upper
74 100
45 72.6 37.8 113.4

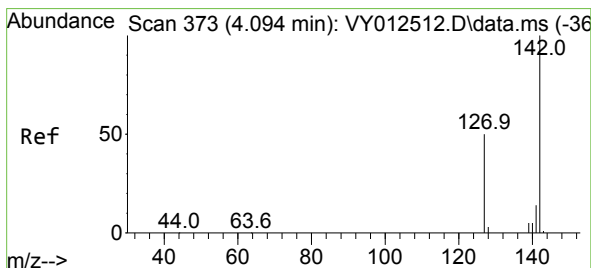
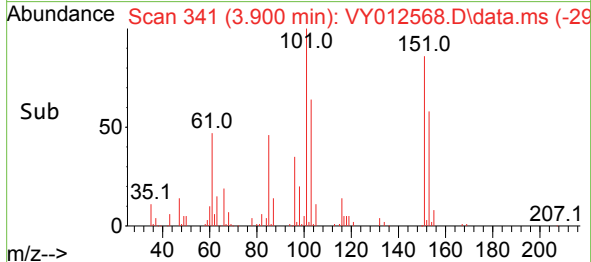
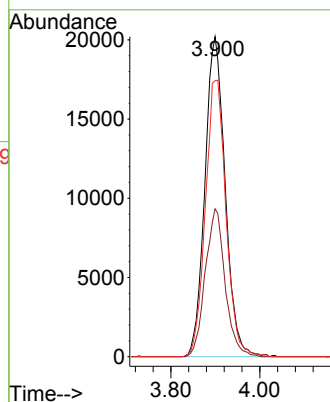
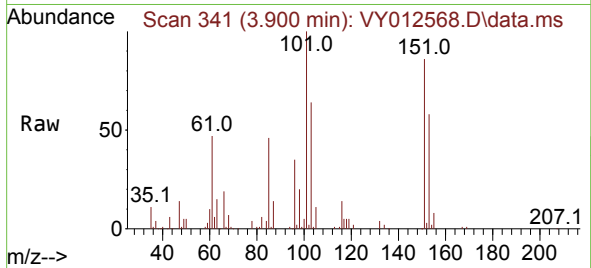




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.591 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.005 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

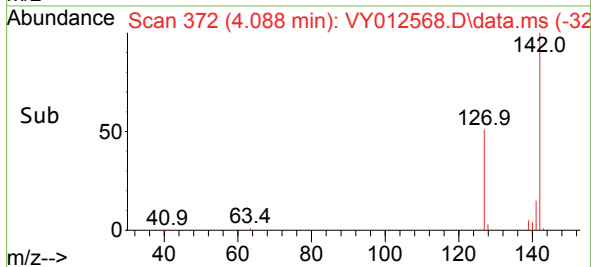
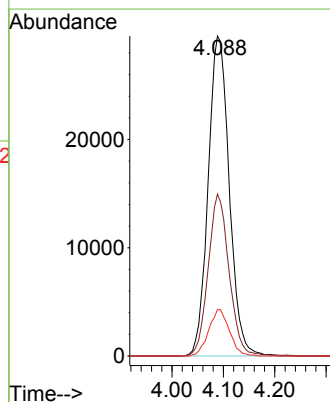
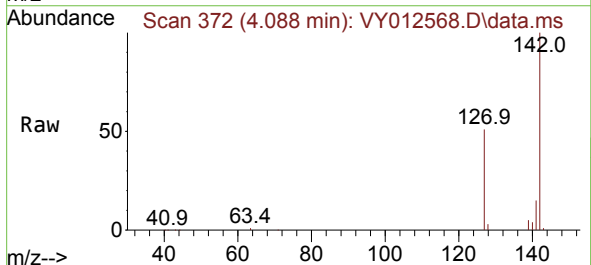
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

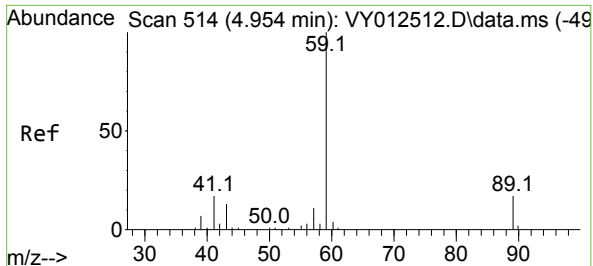
Tgt Ion:101 Resp: 64113
Ion Ratio Lower Upper
101 100
85 45.2 36.1 54.1
151 87.9 70.7 106.1



#10
Methyl Iodide
Concen: 47.202 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion:142 Resp: 84206
Ion Ratio Lower Upper
142 100
127 50.1 39.8 59.6
141 14.2 11.6 17.4

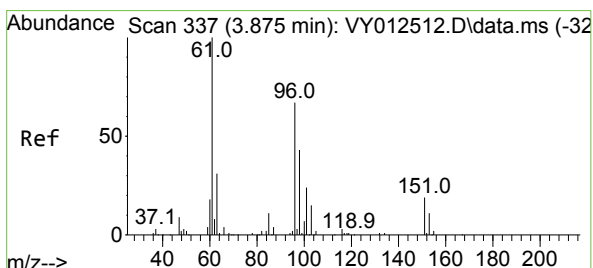
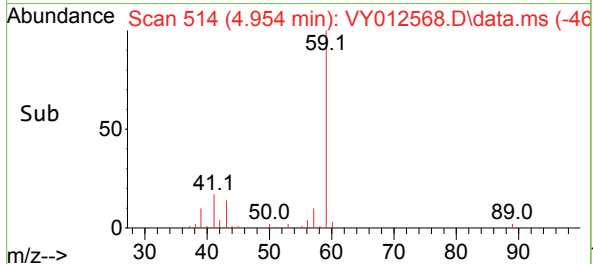
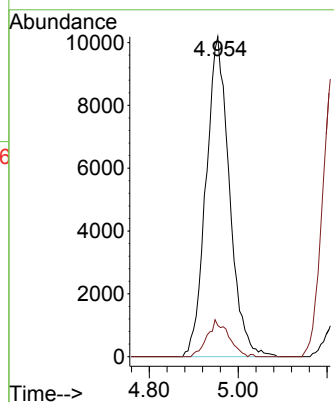
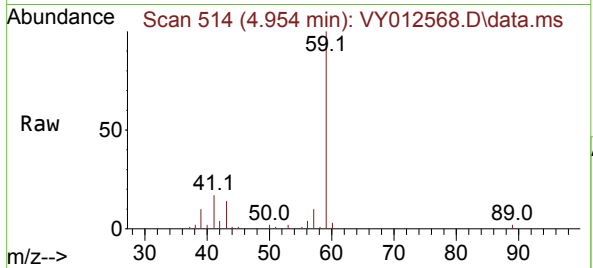




#11
Tert butyl alcohol
Concen: 221.517 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

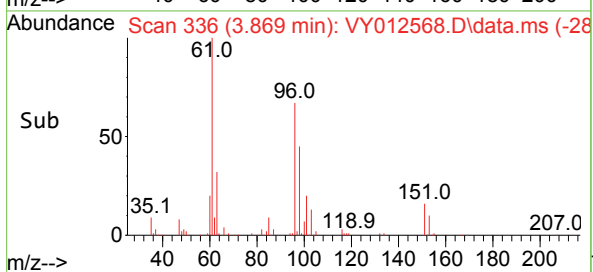
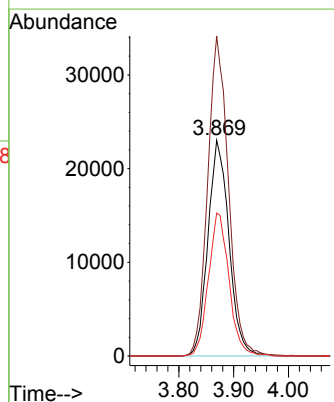
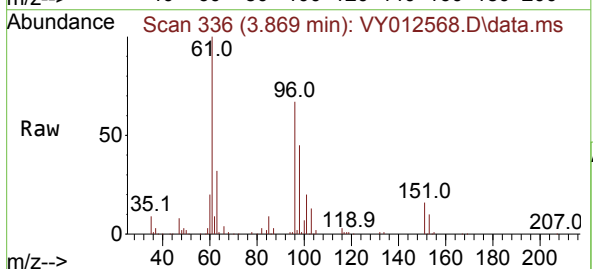
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

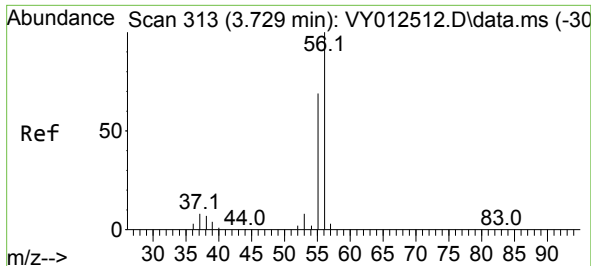
Tgt Ion: 59 Resp: 37319
Ion Ratio Lower Upper
59 100
57 10.4 7.2 10.8



#12
1,1-Dichloroethene
Concen: 45.024 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 96 Resp: 61218
Ion Ratio Lower Upper
96 100
61 148.3 119.4 179.2
98 66.2 51.9 77.9





#13

Acrolein

Concen: 236.514 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

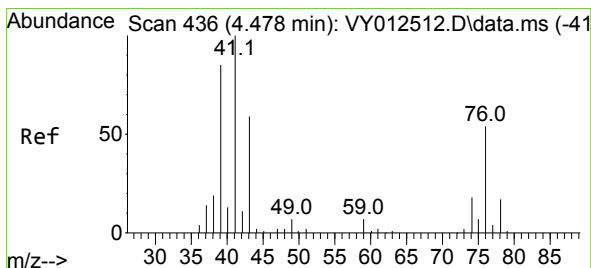
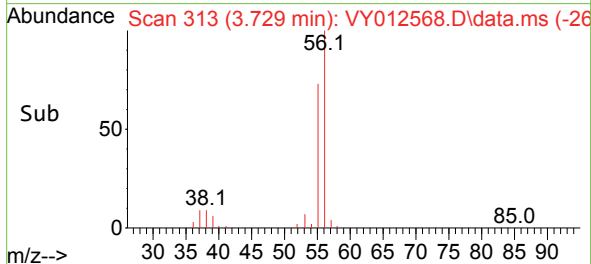
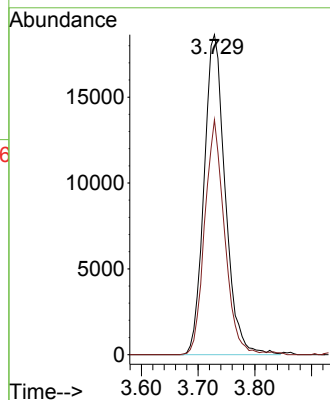
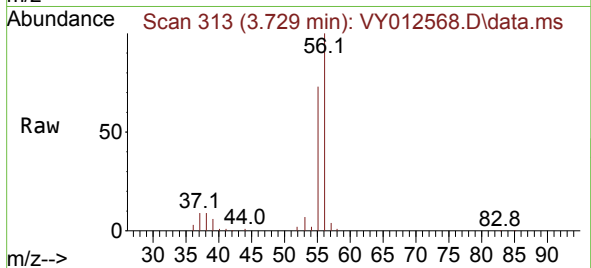
VSTDCCC050EC

Tgt Ion: 56 Resp: 48290

Ion Ratio Lower Upper

56 100

55 68.8 57.0 85.4



#14

Allyl chloride

Concen: 45.674 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

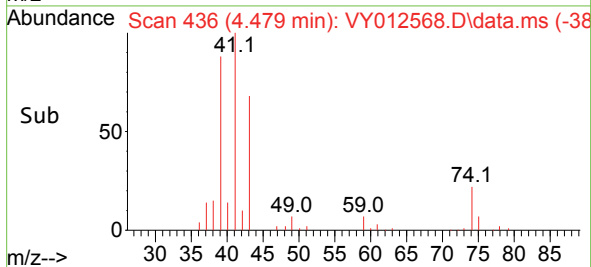
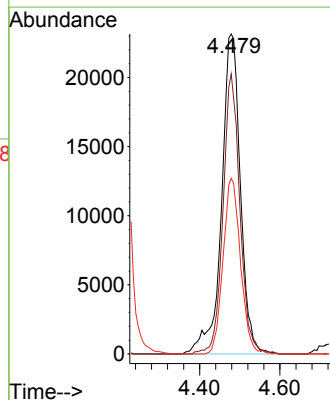
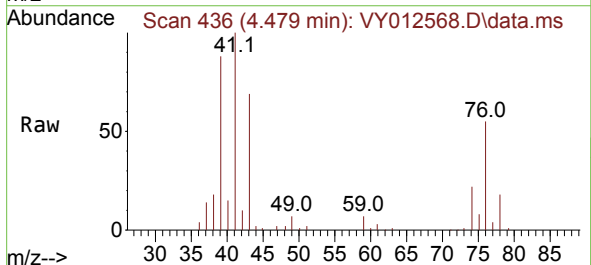
Tgt Ion: 41 Resp: 75719

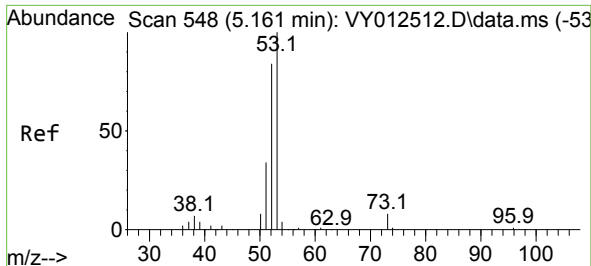
Ion Ratio Lower Upper

41 100

39 78.2 62.6 94.0

76 50.6 39.6 59.4

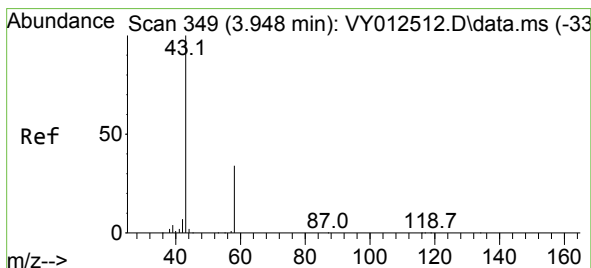
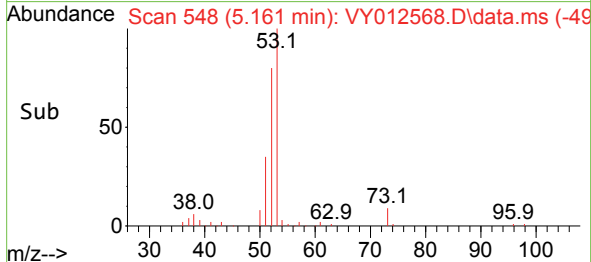
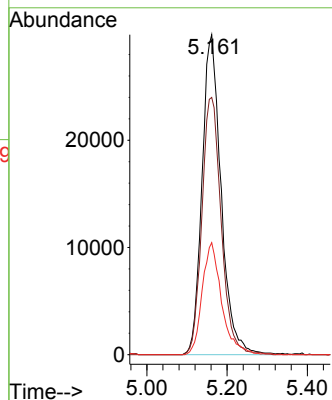
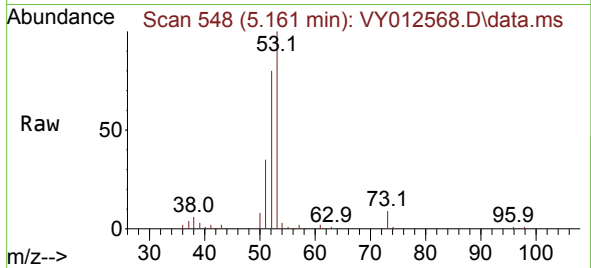




#15
Acrylonitrile
Concen: 264.690 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

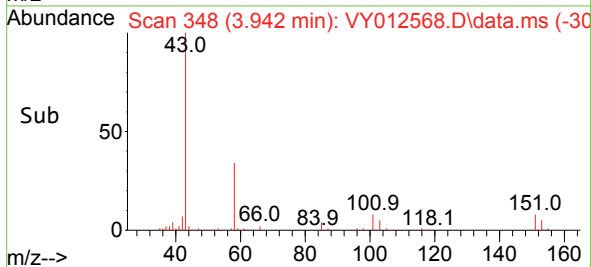
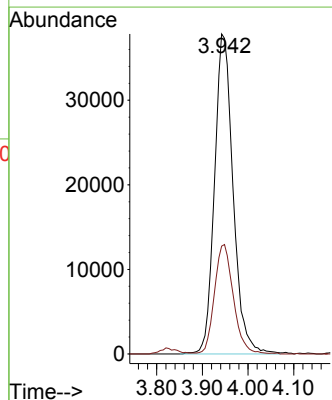
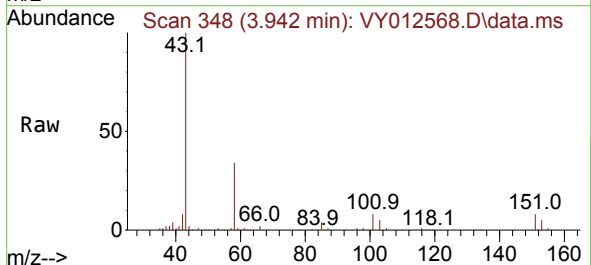
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

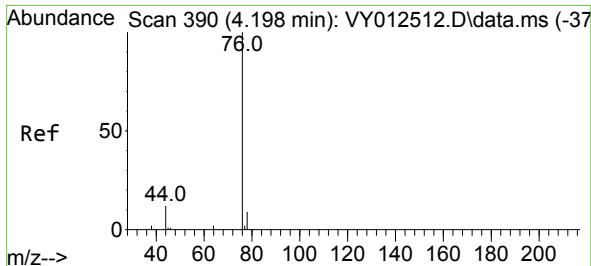
Tgt Ion:	53	Resp:	98674
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.0	97.4
51	35.7	28.7	43.1



#16
Acetone
Concen: 256.154 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion:	43	Resp:	107076
Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.1	40.7

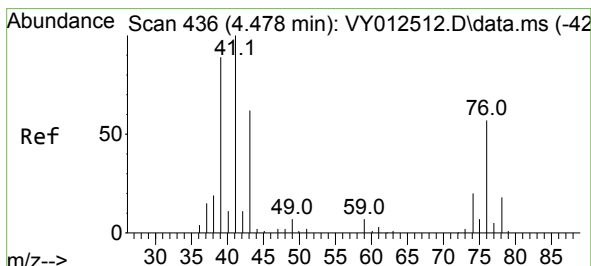
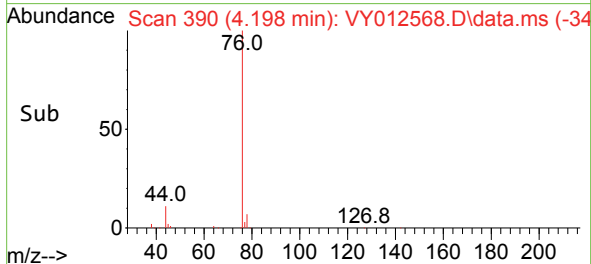
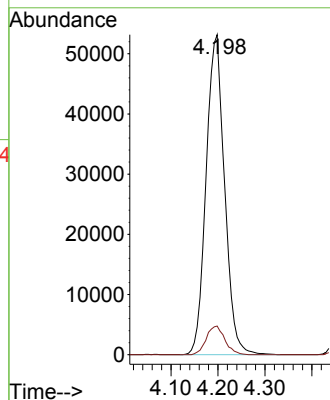
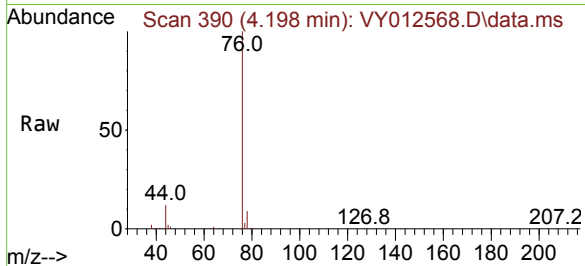




#17
Carbon Disulfide
Concen: 41.057 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

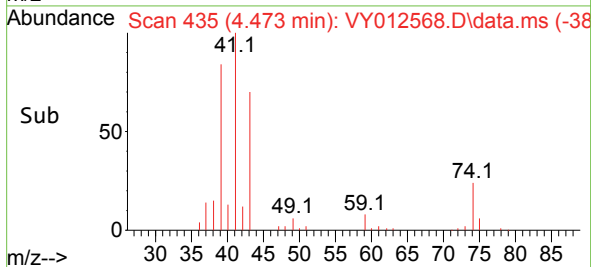
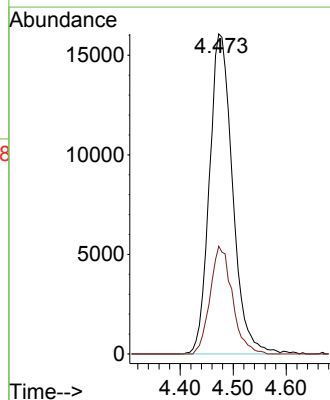
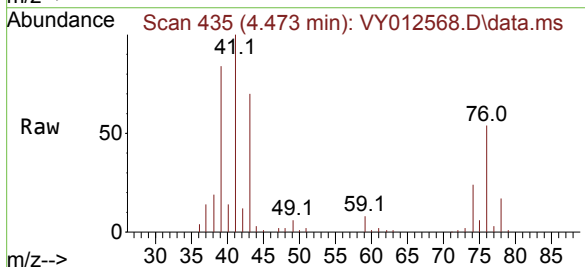
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

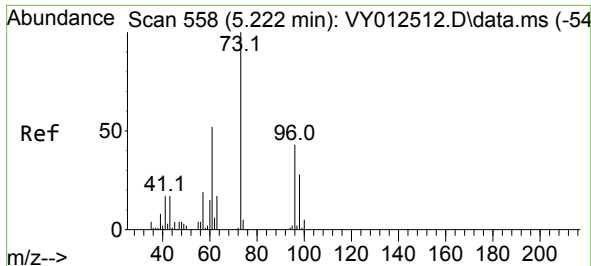
Tgt Ion: 76 Resp: 144797
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 48.518 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 43 Resp: 48748
Ion Ratio Lower Upper
43 100
74 32.3 25.6 38.4

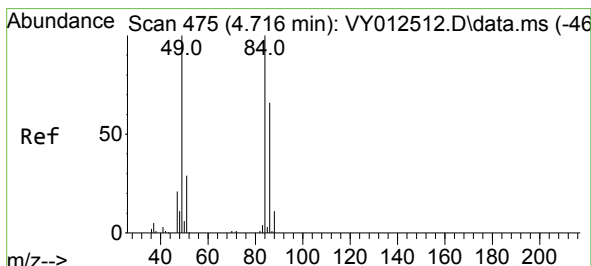
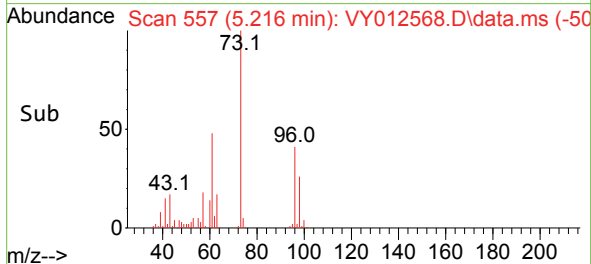
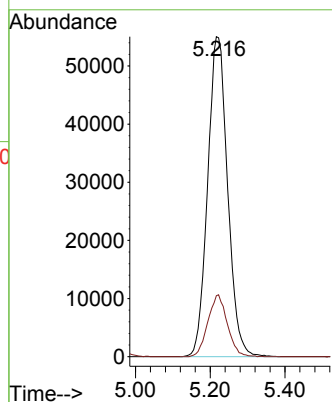
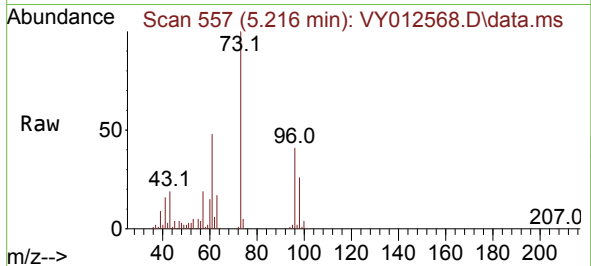




#19
Methyl tert-butyl Ether
Concen: 51.295 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

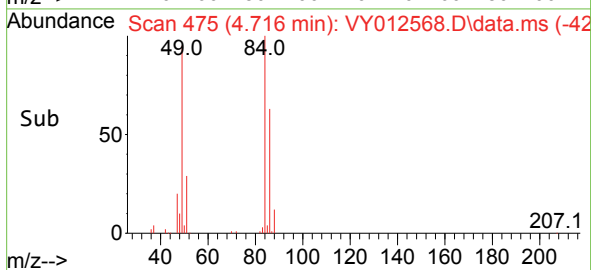
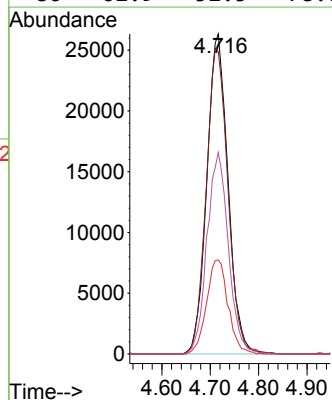
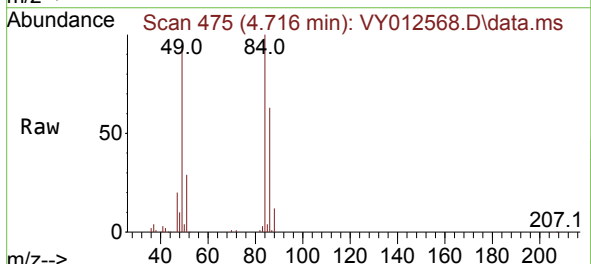
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

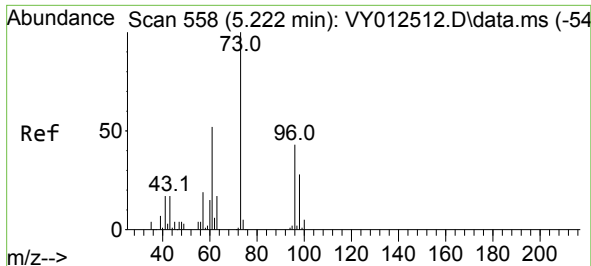
Tgt Ion: 73 Resp: 204086
Ion Ratio Lower Upper
73 100
57 19.0 15.3 22.9



#20
Methylene Chloride
Concen: 51.420 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 84 Resp: 80111
Ion Ratio Lower Upper
84 100
49 94.5 79.8 119.6
51 29.4 23.4 35.2
86 62.9 52.5 78.7

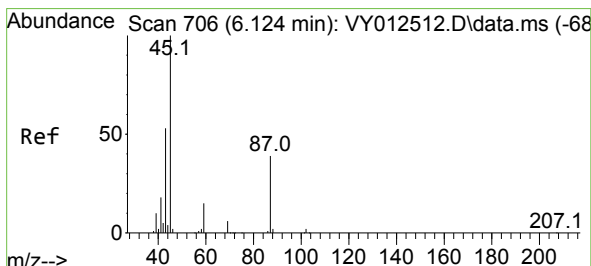
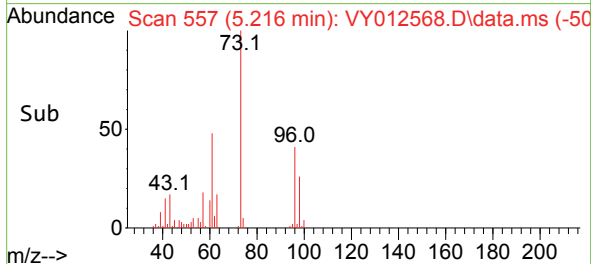
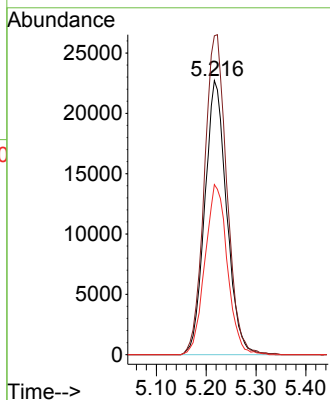
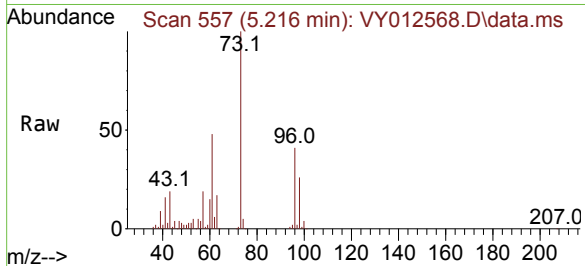




#21
trans-1,2-Dichloroethene
Concen: 46.694 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

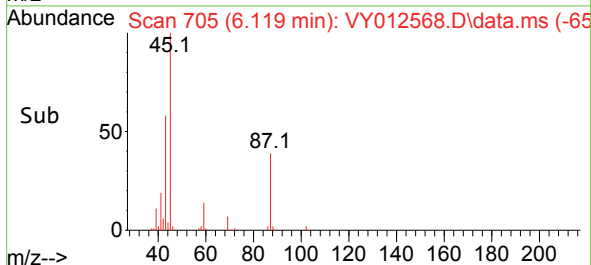
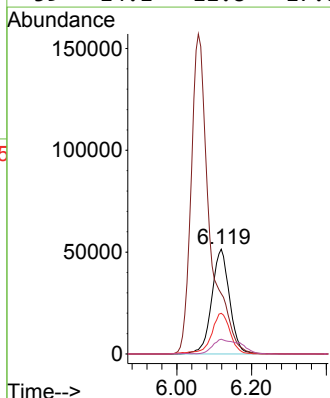
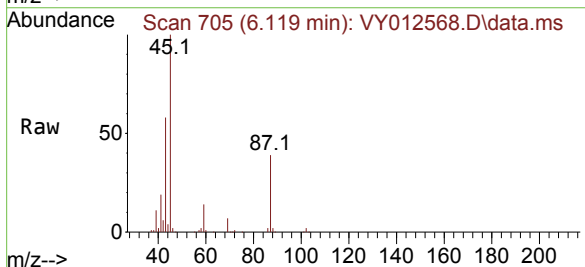
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

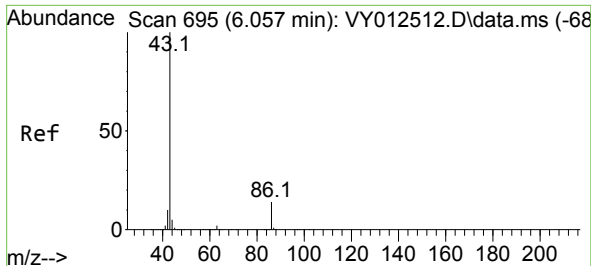
Tgt Ion: 96 Resp: 69240
Ion Ratio Lower Upper
96 100
61 116.4 96.2 144.4
98 62.1 51.6 77.4



#22
Diisopropyl ether
Concen: 50.465 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 45 Resp: 170114
Ion Ratio Lower Upper
45 100
43 57.2 45.9 68.9
87 38.7 32.2 48.4
59 14.1 11.8 17.8

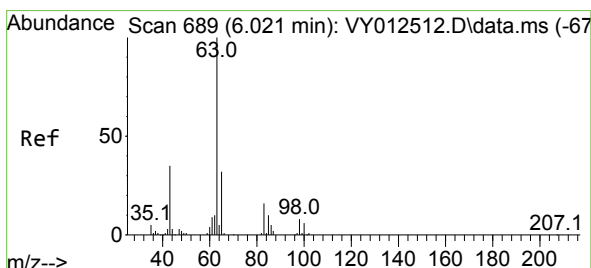
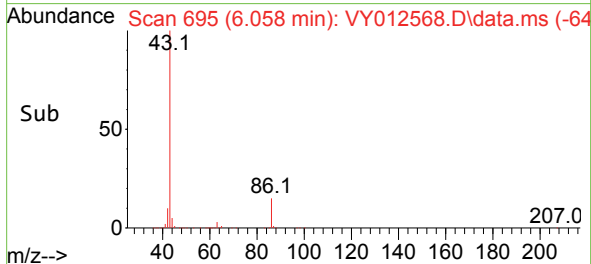
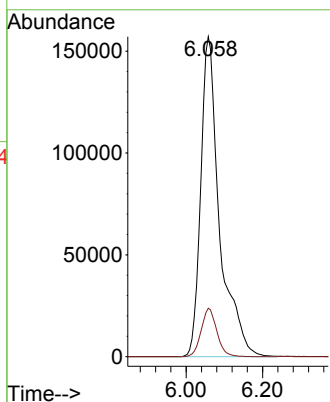
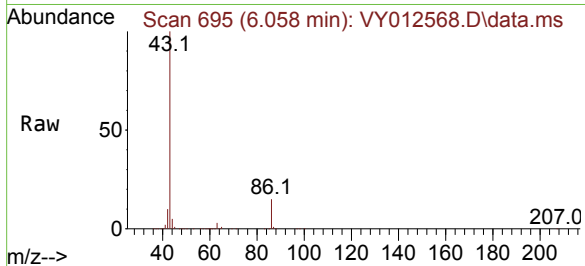




#23
 Vinyl Acetate
 Concen: 264.037 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY012568.D
 Acq: 09 Feb 2023 18:04

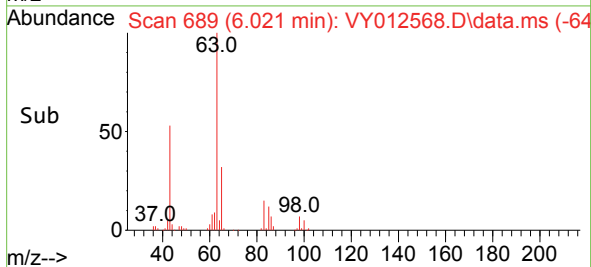
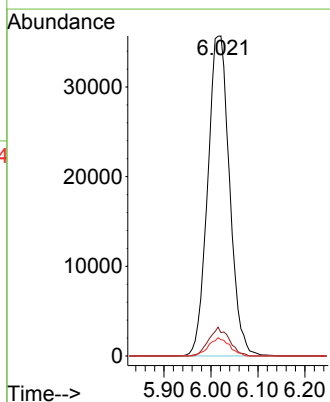
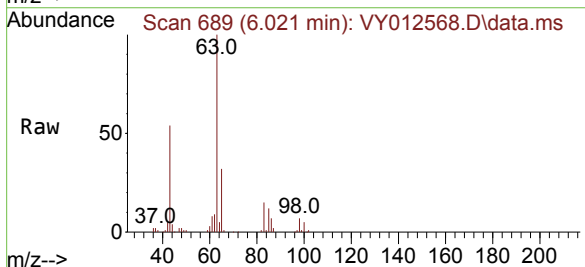
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

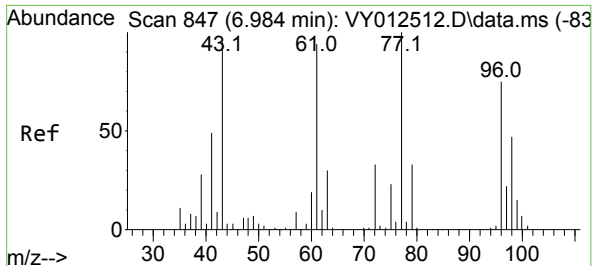
Tgt Ion: 43 Resp: 536558
 Ion Ratio Lower Upper
 43 100
 86 15.2 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 47.810 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY012568.D
 Acq: 09 Feb 2023 18:04

Tgt Ion: 63 Resp: 115210
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.1 12.3
 100 5.1 2.9 8.8





#25

2-Butanone

Concen: 259.180 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

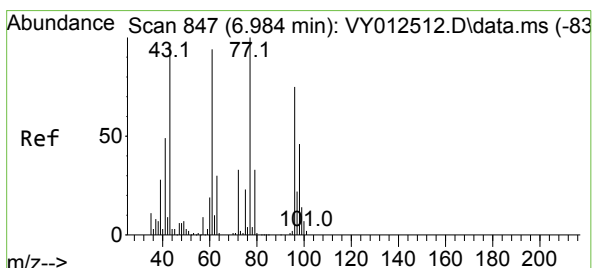
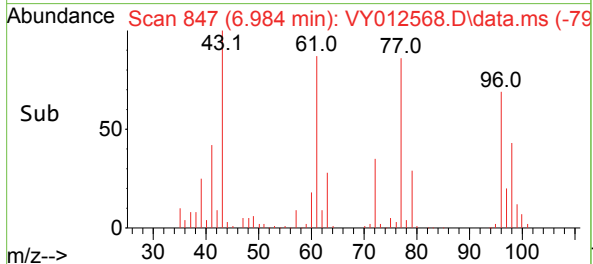
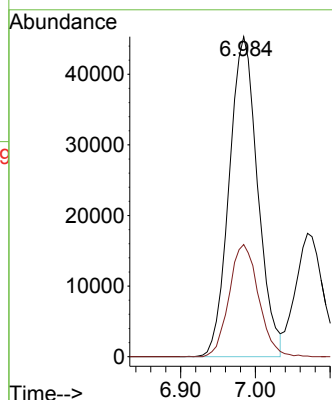
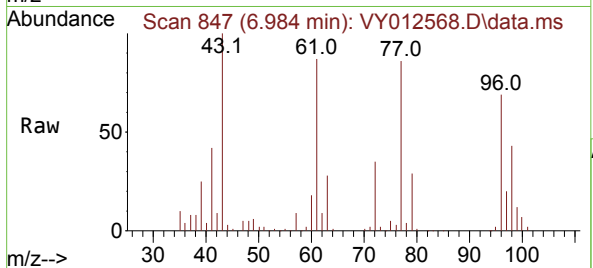
VSTDCCC050EC

Tgt Ion: 43 Resp: 120205

Ion Ratio Lower Upper

43 100

72 35.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 46.086 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012568.D

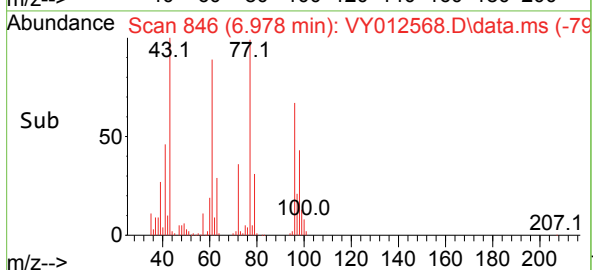
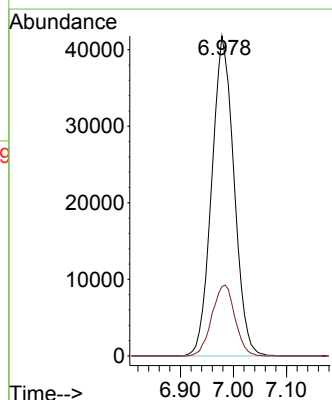
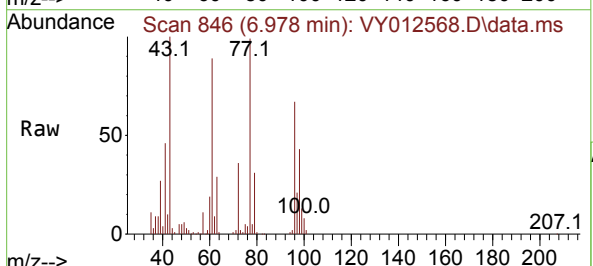
Acq: 09 Feb 2023 18:04

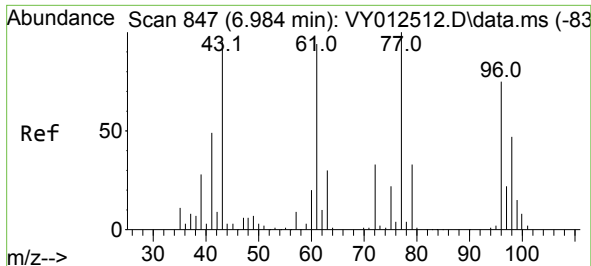
Tgt Ion: 77 Resp: 122018

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.234 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

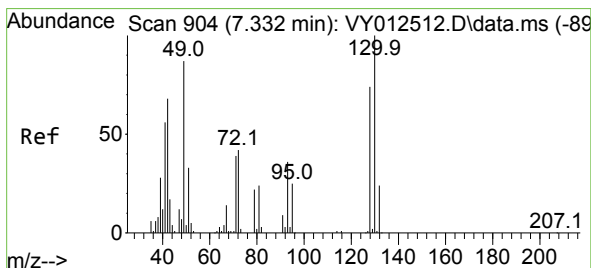
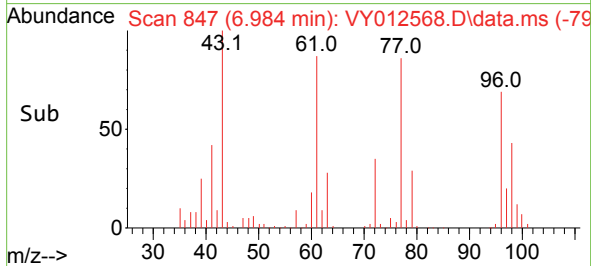
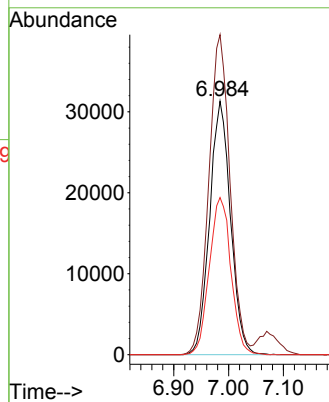
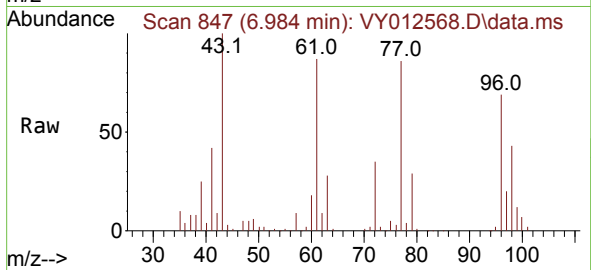
Tgt Ion: 96 Resp: 83002

Ion Ratio Lower Upper

96 100

61 128.1 0.0 259.2

98 64.1 0.0 129.0



#28

Bromochloromethane

Concen: 54.635 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

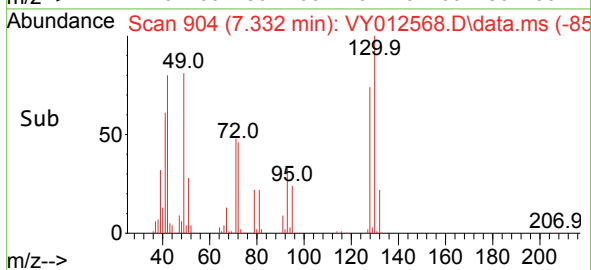
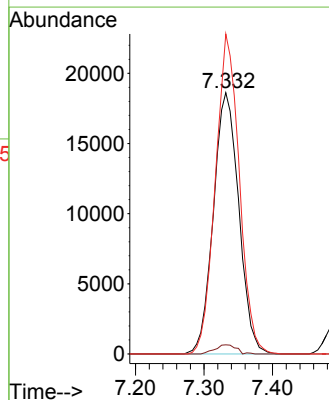
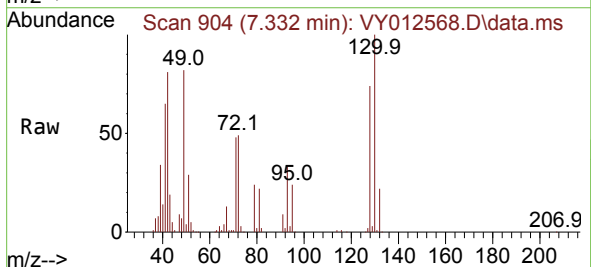
Tgt Ion: 49 Resp: 47858

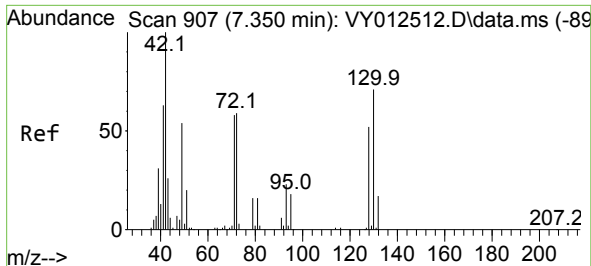
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.0

130 115.3 93.1 139.7





#29

Tetrahydrofuran

Concen: 274.443 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

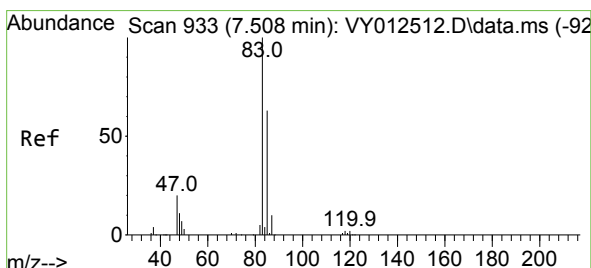
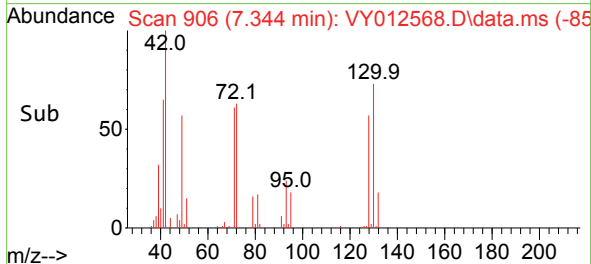
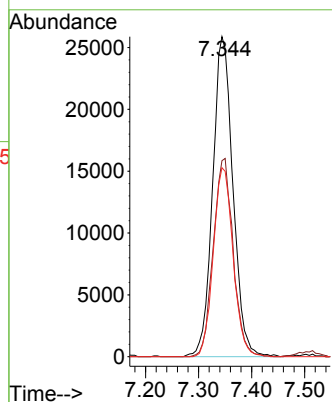
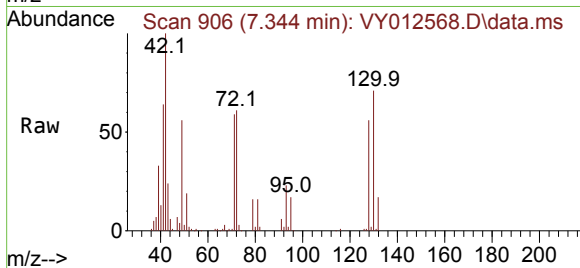
Tgt Ion: 42 Resp: 68812

Ion Ratio Lower Upper

42 100

72 60.8 47.0 70.6

71 57.5 44.6 66.8



#30

Chloroform

Concen: 49.281 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY012568.D

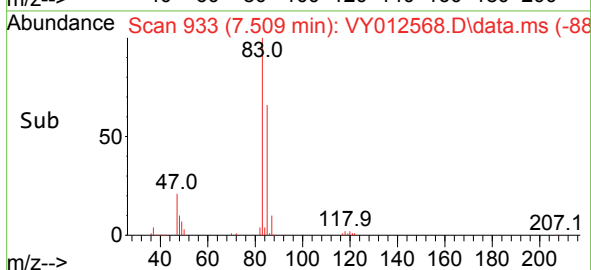
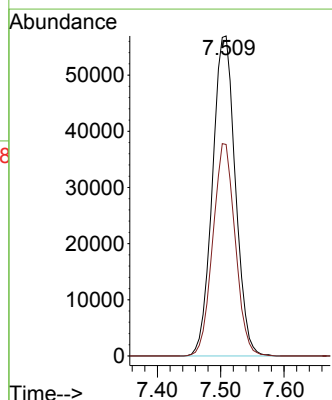
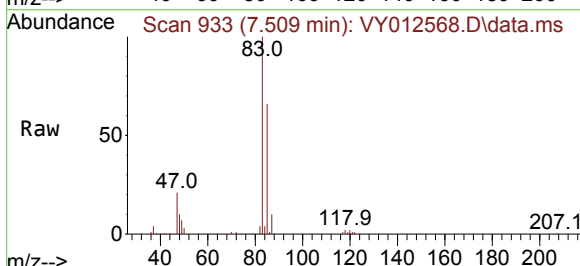
Acq: 09 Feb 2023 18:04

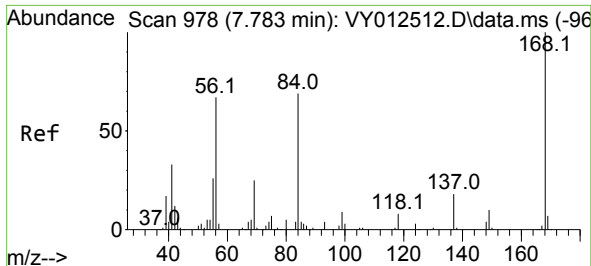
Tgt Ion: 83 Resp: 143178

Ion Ratio Lower Upper

83 100

85 66.1 50.8 76.2

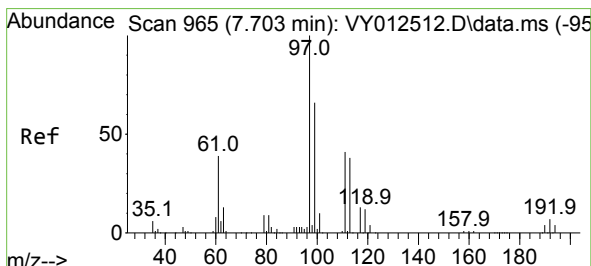
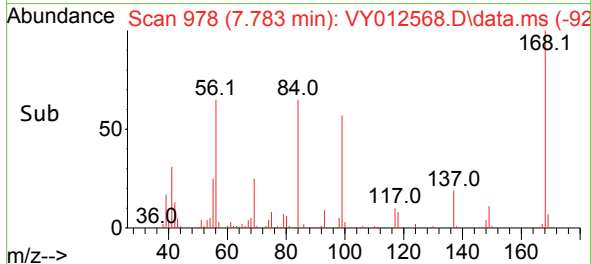
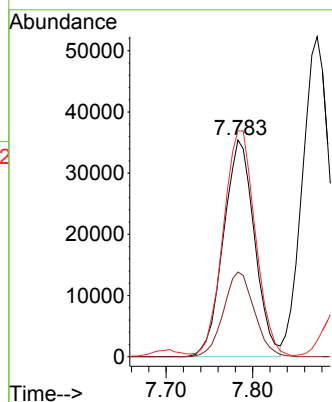
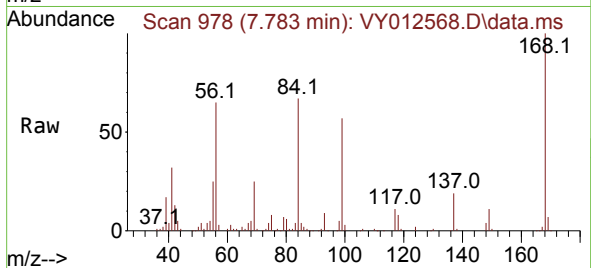




#31
Cyclohexane
Concen: 43.976 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

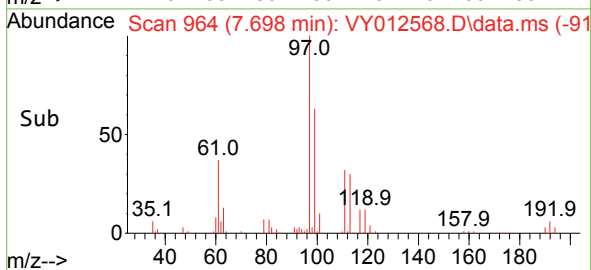
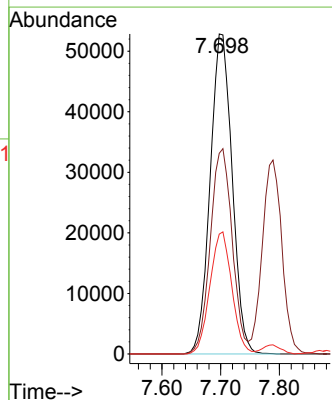
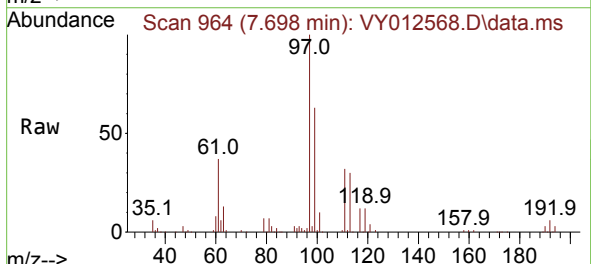
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

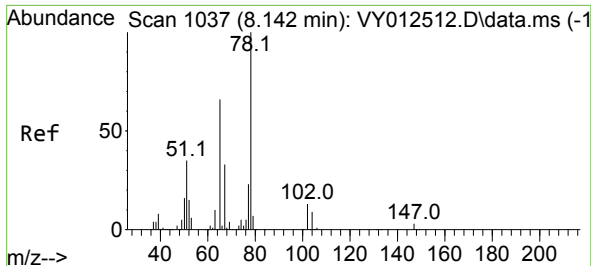
Tgt Ion: 56 Resp: 88305
Ion Ratio Lower Upper
56 100
69 39.1 29.5 44.3
84 102.4 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 48.644 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 97 Resp: 137144
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 38.1 30.5 45.7

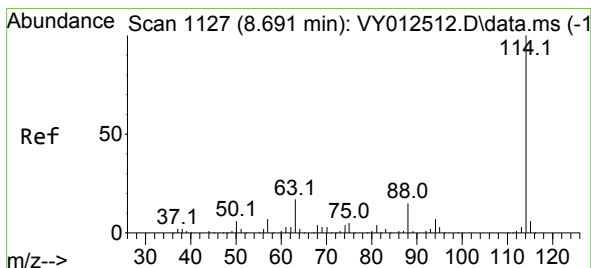
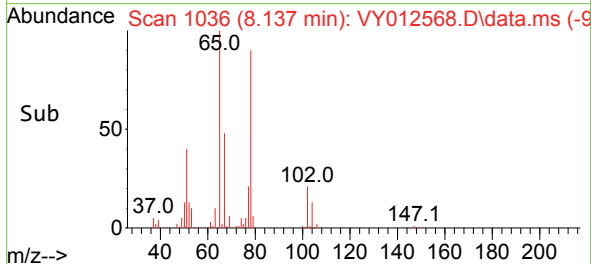
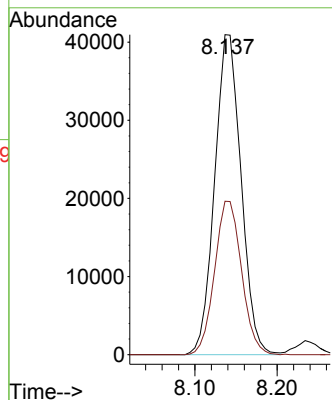
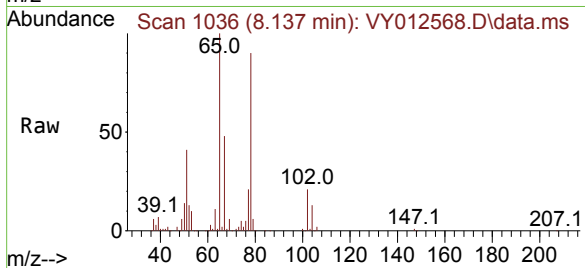




#33
1,2-Dichloroethane-d4
Concen: 52.697 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

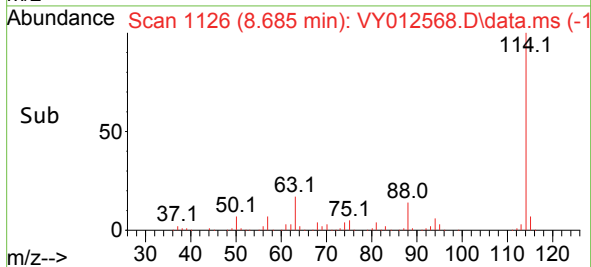
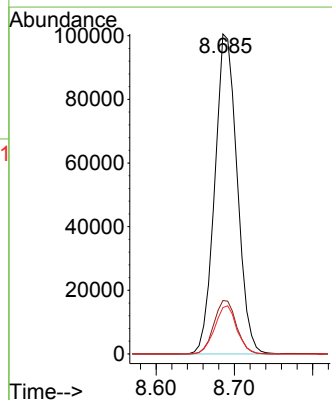
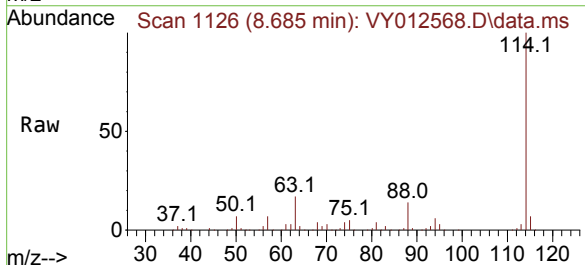
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

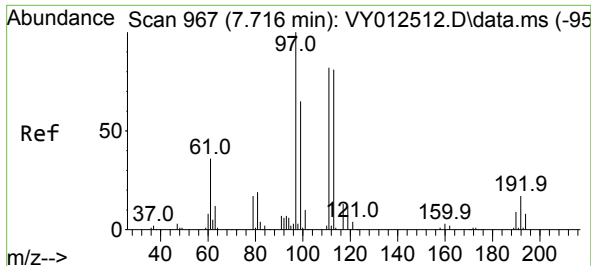
Tgt Ion: 65 Resp: 91522
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 114 Resp: 199420
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.6
88 14.5 0.0 29.8

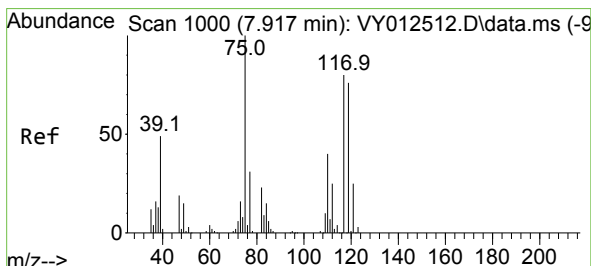
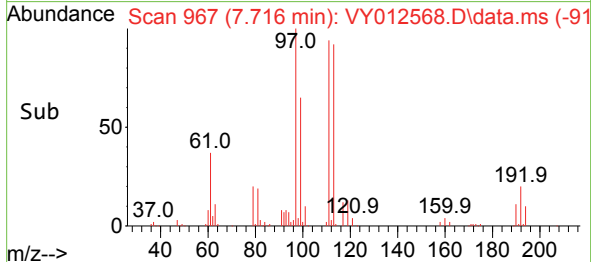
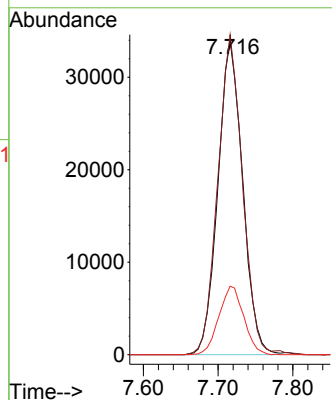
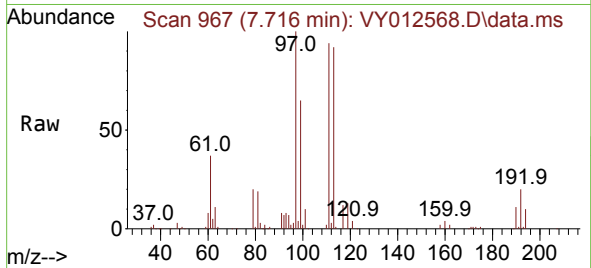




#35
Dibromofluoromethane
Concen: 53.751 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

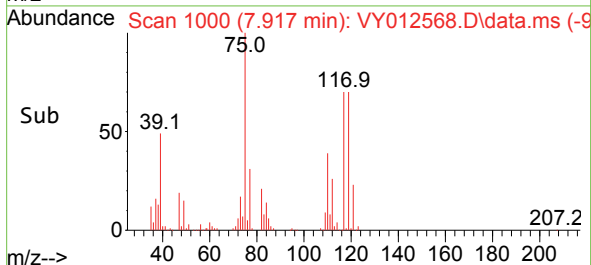
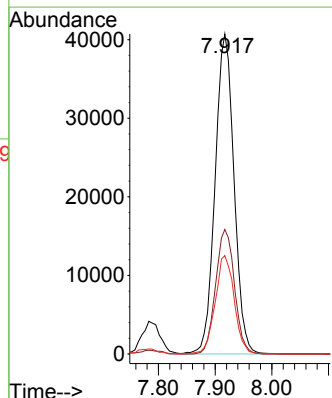
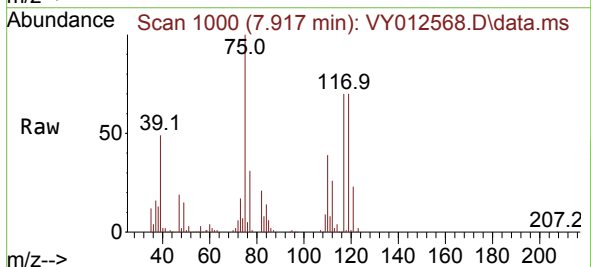
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

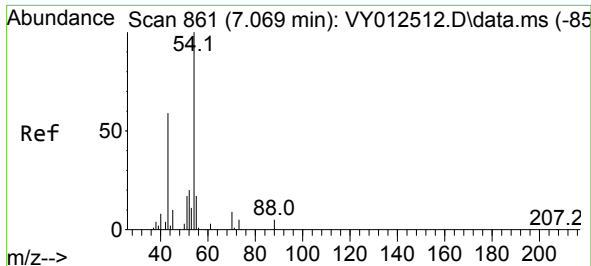
Tgt Ion:113 Resp: 78062
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 22.0 17.5 26.3



#36
1,1-Dichloropropene
Concen: 47.986 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 75 Resp: 94319
Ion Ratio Lower Upper
75 100
110 38.8 19.5 58.5
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 52.338 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

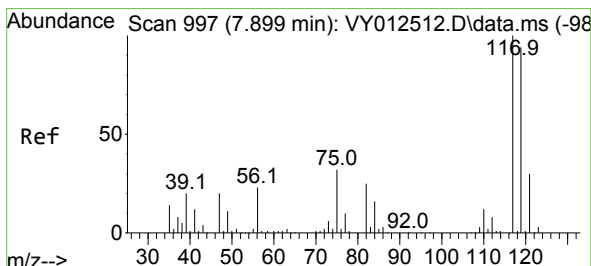
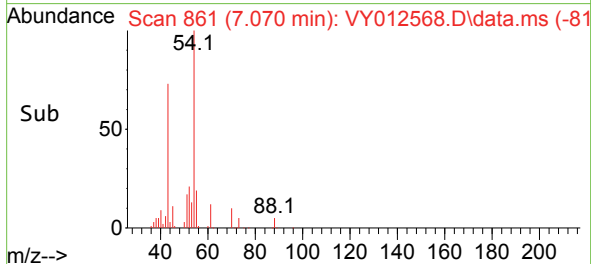
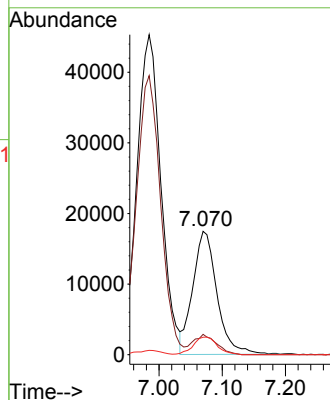
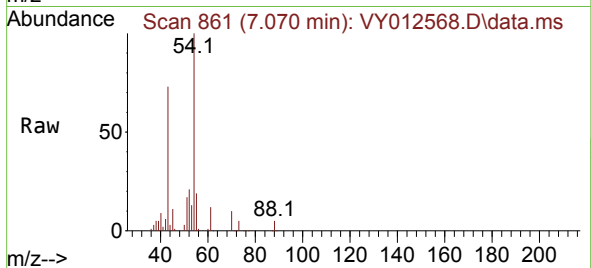
Tgt Ion: 43 Resp: 46419

Ion Ratio Lower Upper

43 100

61 16.1 12.5 18.7

70 14.2 11.0 16.4



#38

Carbon Tetrachloride

Concen: 49.091 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

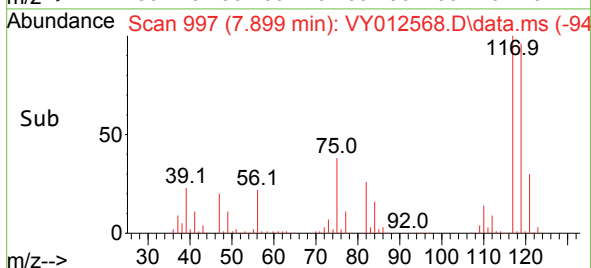
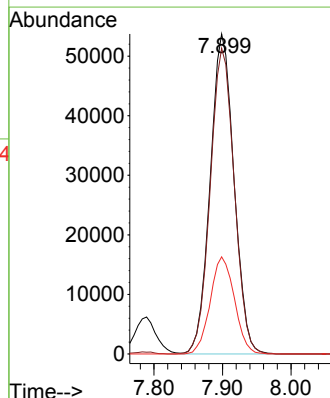
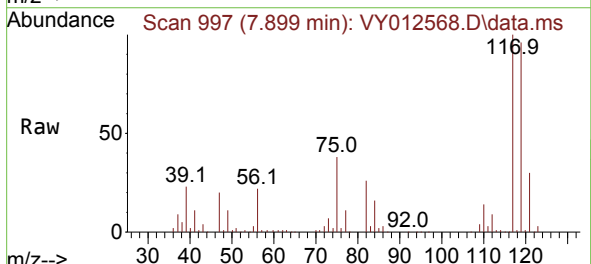
Tgt Ion: 117 Resp: 129524

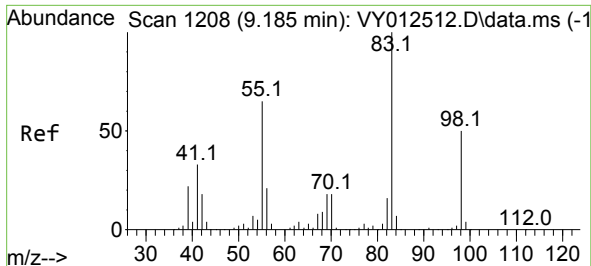
Ion Ratio Lower Upper

117 100

119 95.5 75.1 112.7

121 30.3 24.3 36.5





#39

Methylcyclohexane

Concen: 47.338 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

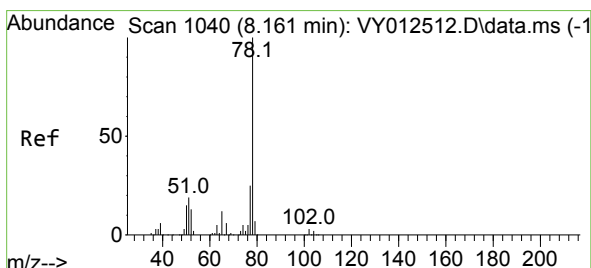
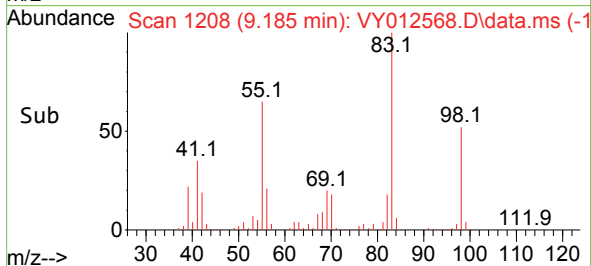
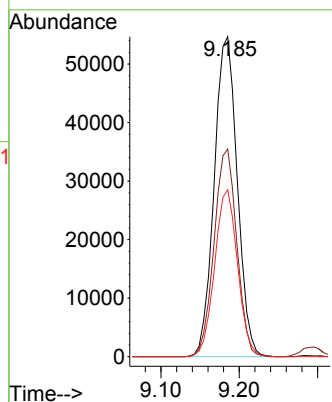
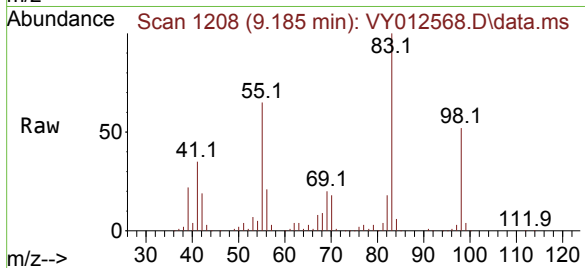
Tgt Ion: 83 Resp: 111962

Ion Ratio Lower Upper

83 100

55 64.9 52.0 78.0

98 52.1 40.4 60.6



#40

Benzene

Concen: 48.563 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012568.D

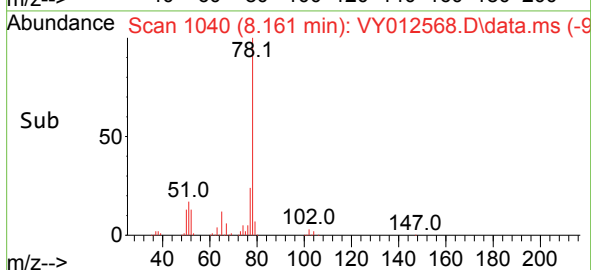
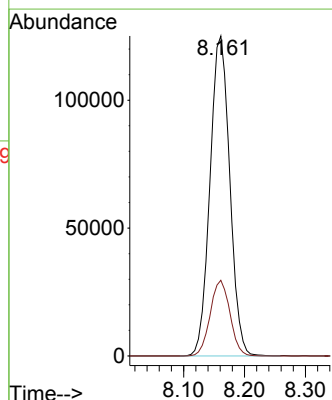
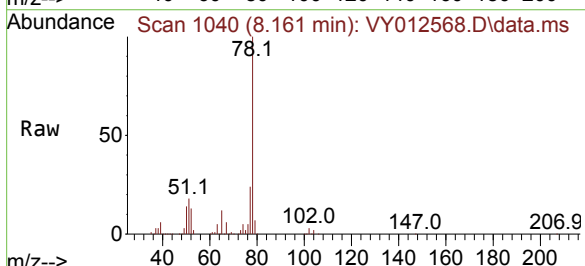
Acq: 09 Feb 2023 18:04

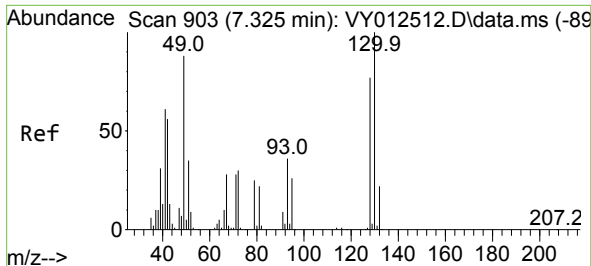
Tgt Ion: 78 Resp: 281925

Ion Ratio Lower Upper

78 100

77 23.7 19.9 29.9

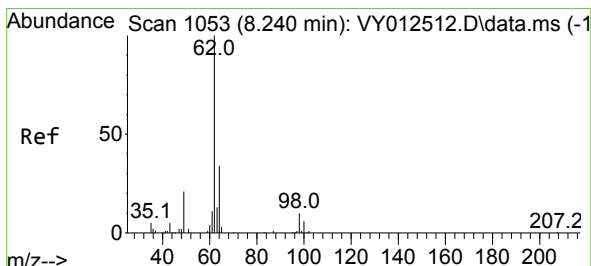
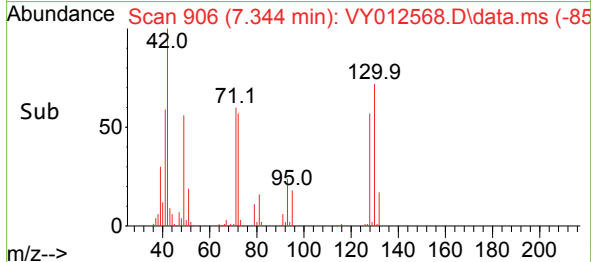
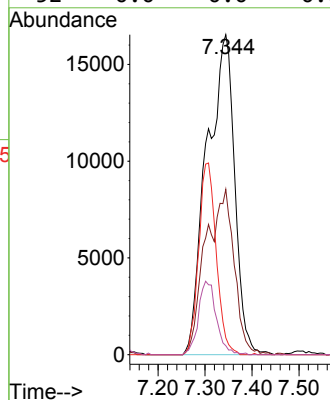
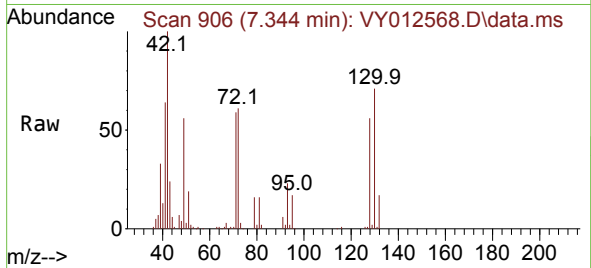




#41
Methacrylonitrile
Concen: 140.067 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.019 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

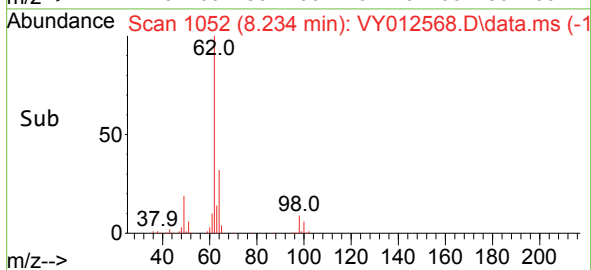
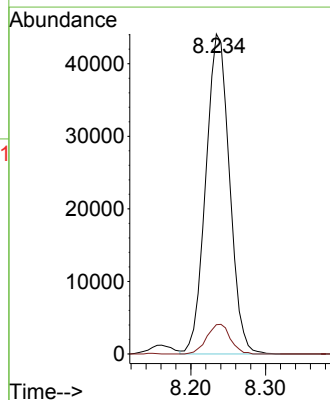
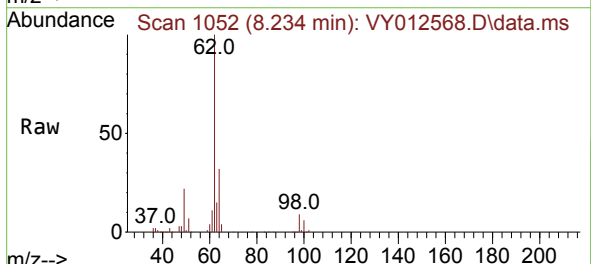
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

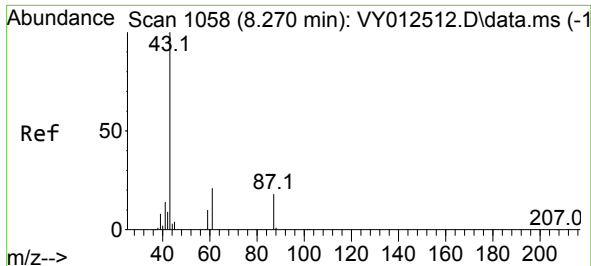
Tgt Ion: 41 Resp: 68059
Ion Ratio Lower Upper
41 100
39 31.4 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.665 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 62 Resp: 97215
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2

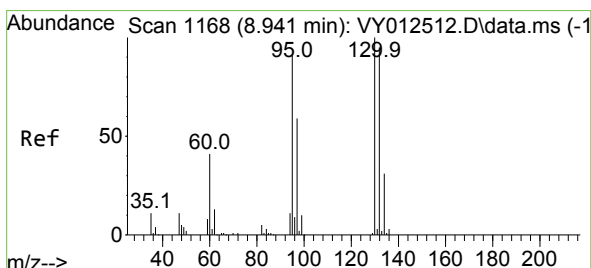
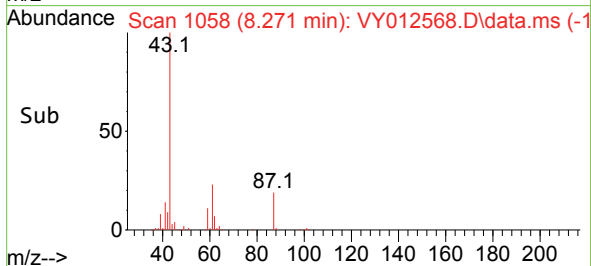
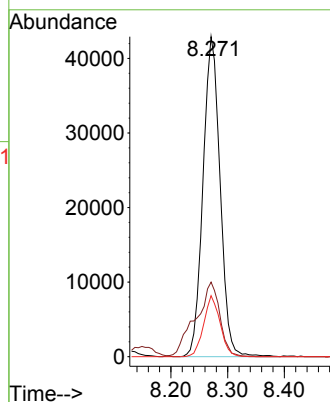
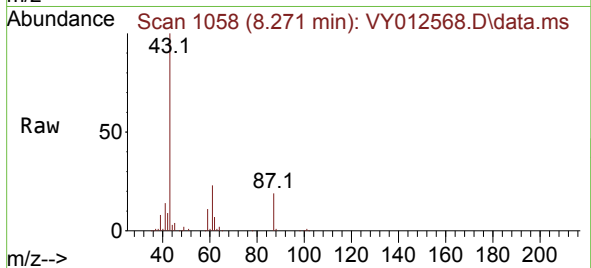




#43
Isopropyl Acetate
Concen: 54.653 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

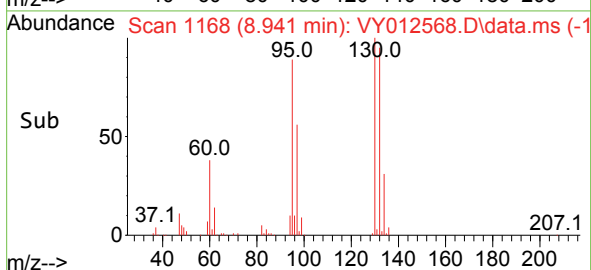
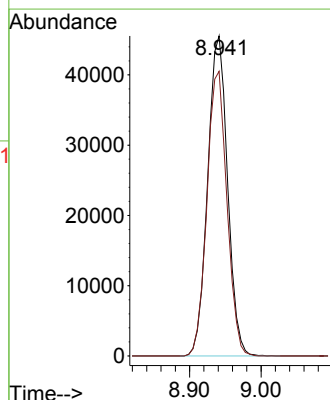
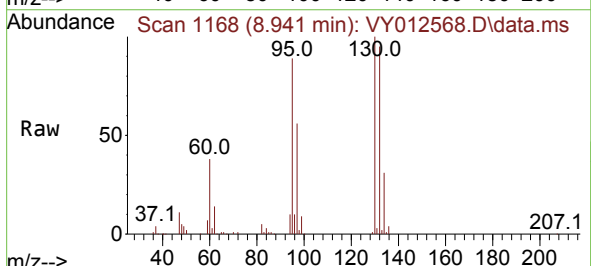
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

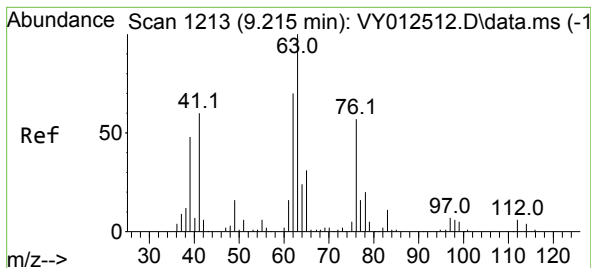
Tgt Ion: 43 Resp: 89873
Ion Ratio Lower Upper
43 100
61 32.9 27.2 40.8
87 18.3 15.0 22.4



#44
Trichloroethene
Concen: 49.743 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion:130 Resp: 87908
Ion Ratio Lower Upper
130 100
95 89.0 0.0 181.2





#45

1,2-Dichloropropane

Concen: 49.348 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

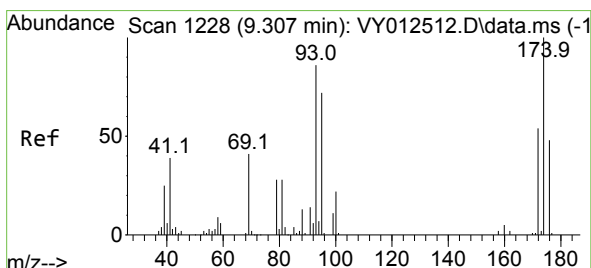
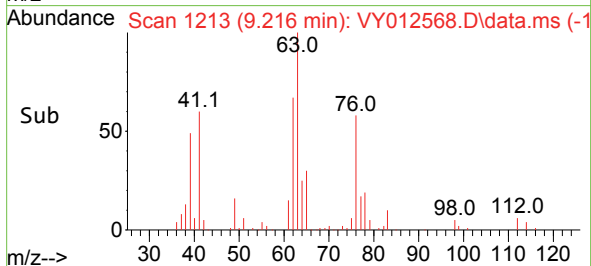
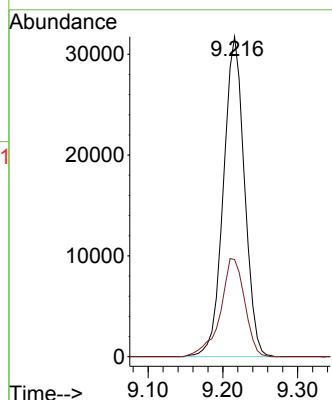
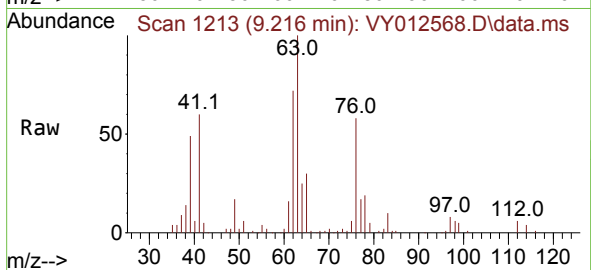
VSTDCCC050EC

Tgt Ion: 63 Resp: 62120

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0



#46

Dibromomethane

Concen: 52.052 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

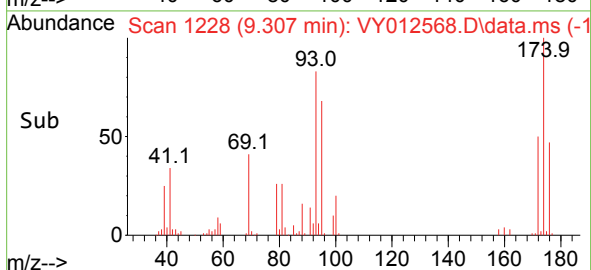
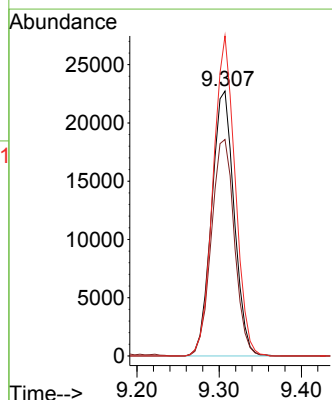
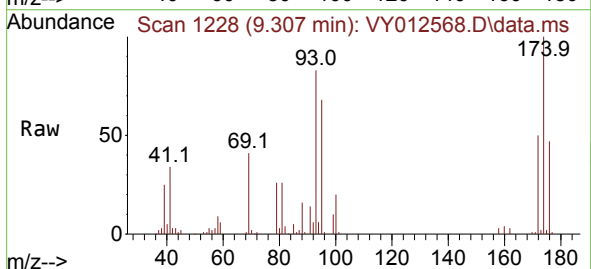
Tgt Ion: 93 Resp: 43386

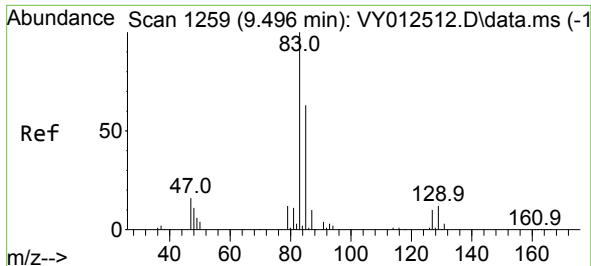
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 117.3 93.4 140.2

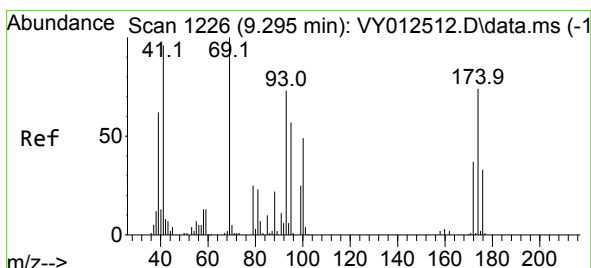
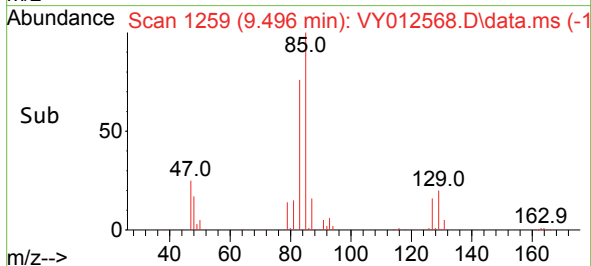
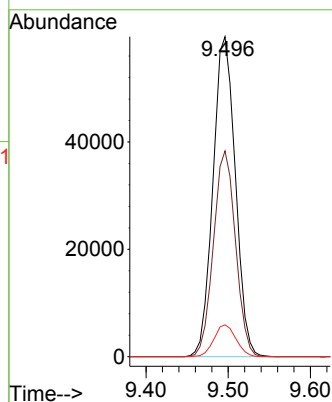
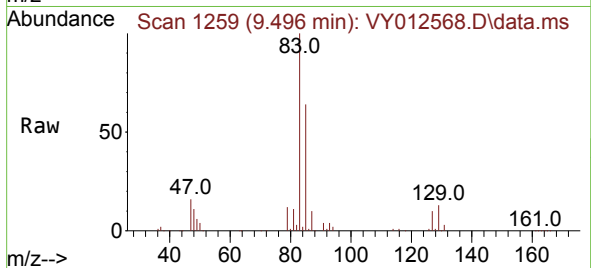




#47
Bromodichloromethane
Concen: 52.081 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

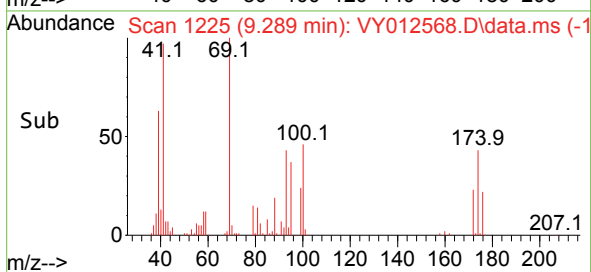
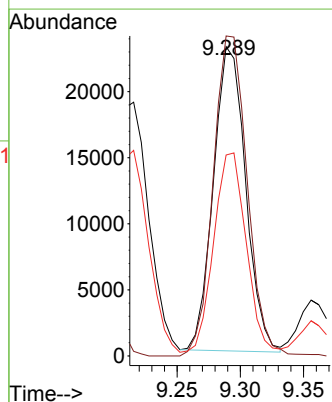
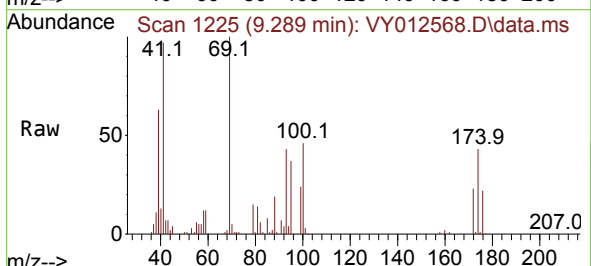
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

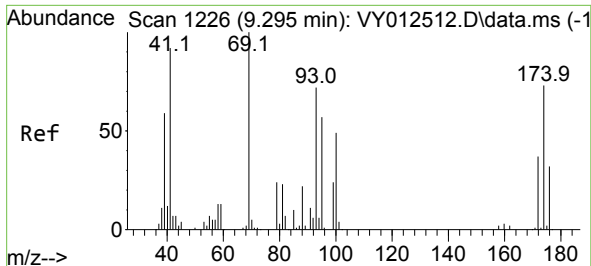
Tgt Ion: 83 Resp: 112557
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1
127 10.0 8.1 12.1



#48
Methyl methacrylate
Concen: 54.294 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 41 Resp: 40810
Ion Ratio Lower Upper
41 100
69 110.8 85.4 128.2
39 68.5 52.7 79.1





#49

1,4-Dioxane

Concen: 1167.706 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

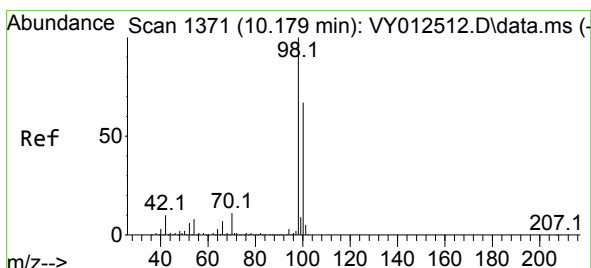
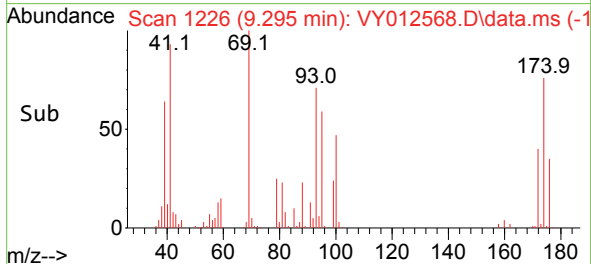
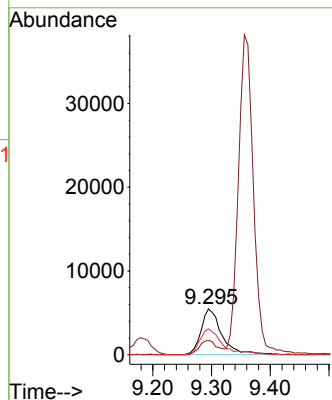
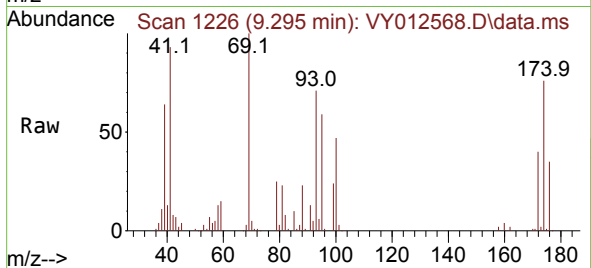
Tgt Ion: 88 Resp: 13436

Ion Ratio Lower Upper

88 100

43 26.7 22.6 33.8

58 60.6 45.4 68.0



#50

Toluene-d8

Concen: 53.097 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012568.D

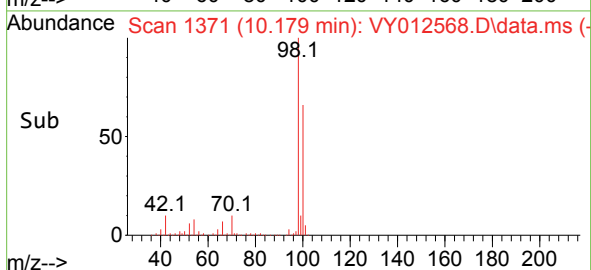
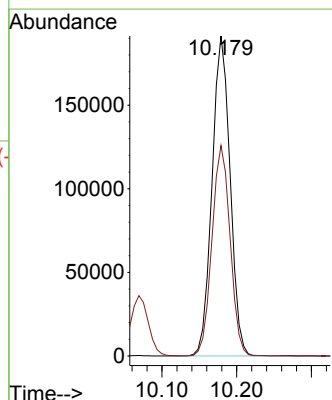
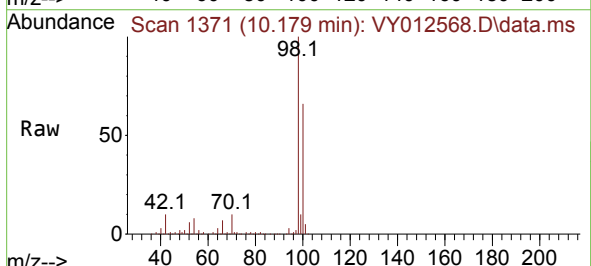
Acq: 09 Feb 2023 18:04

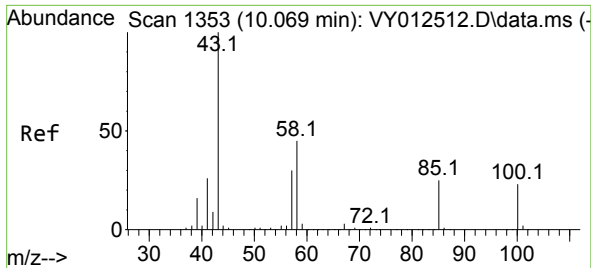
Tgt Ion: 98 Resp: 320963

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2

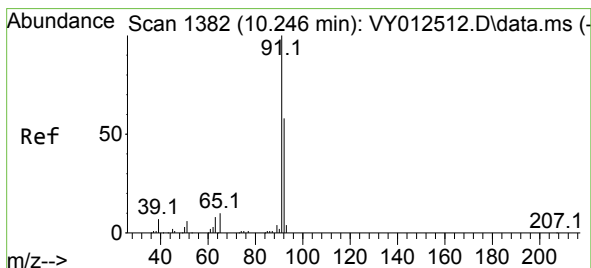
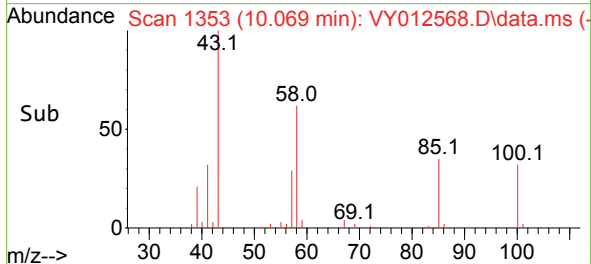
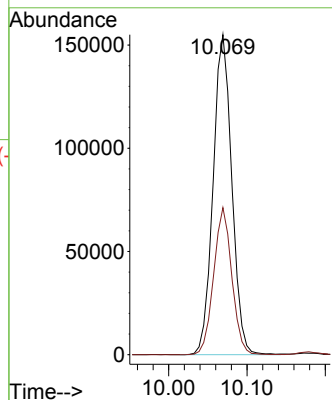
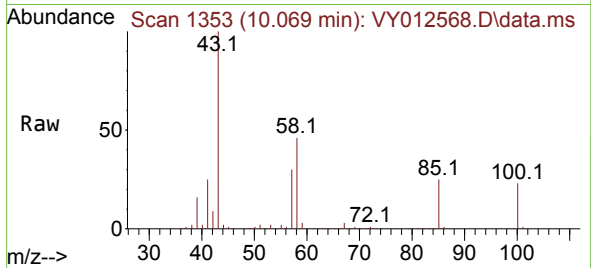




#51
4-Methyl-2-Pentanone
Concen: 290.022 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

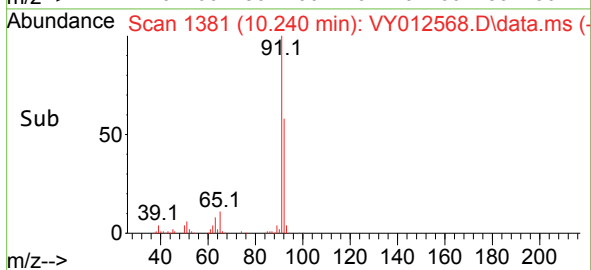
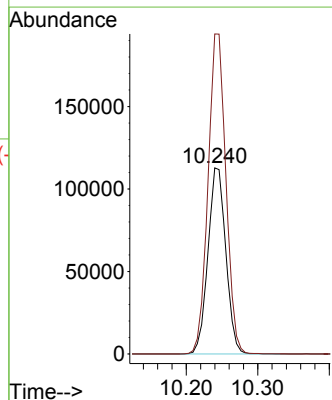
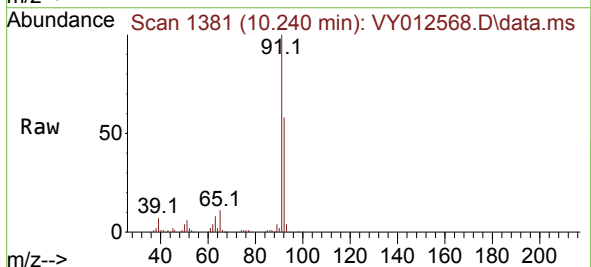
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

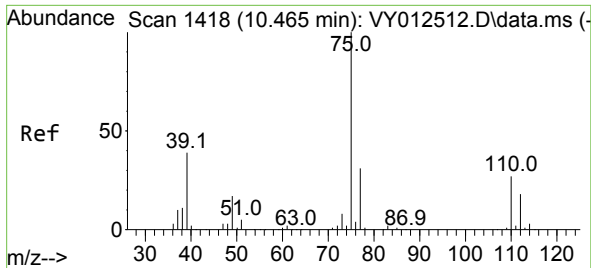
Tgt Ion: 43 Resp: 257311
Ion Ratio Lower Upper
43 100
58 44.6 36.2 54.2



#52
Toluene
Concen: 49.703 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 92 Resp: 195674
Ion Ratio Lower Upper
92 100
91 172.1 137.2 205.8

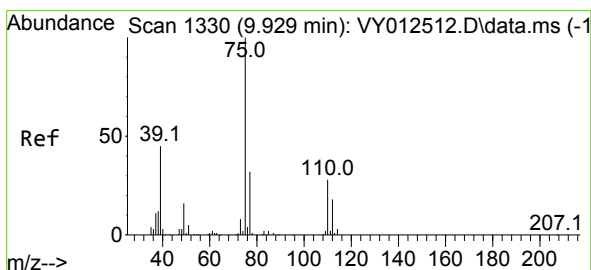
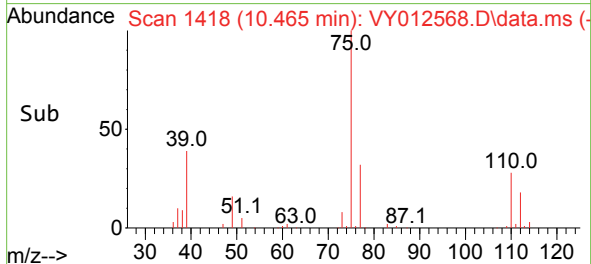
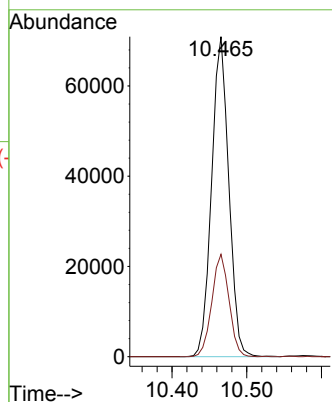
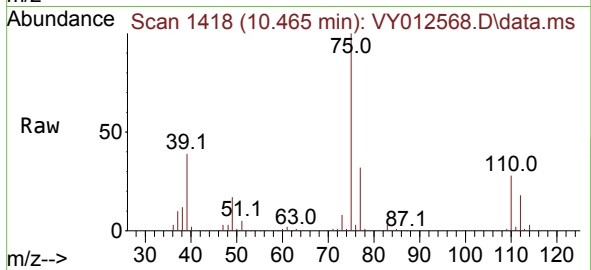




#53
 t-1,3-Dichloropropene
 Concen: 52.079 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012568.D
 Acq: 09 Feb 2023 18:04

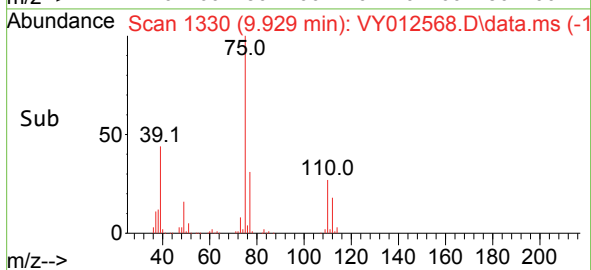
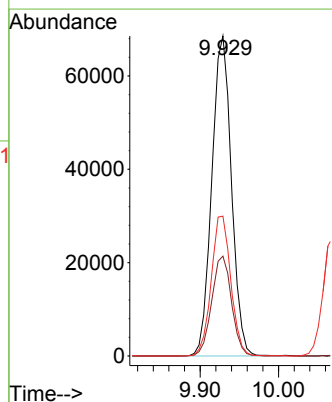
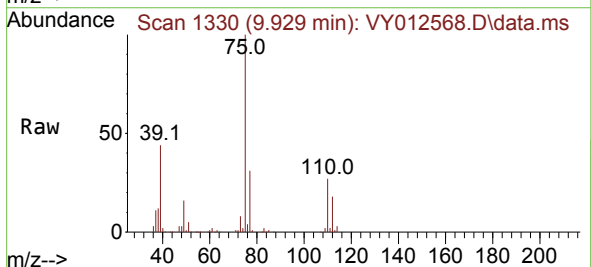
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

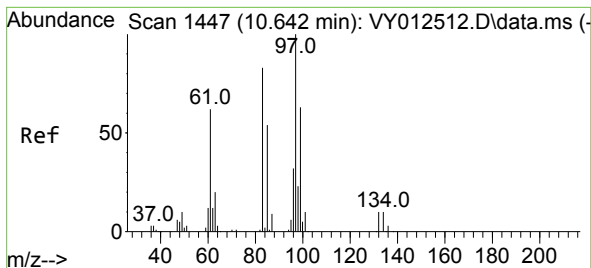
Tgt Ion: 75 Resp: 113416
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.529 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012568.D
 Acq: 09 Feb 2023 18:04

Tgt Ion: 75 Resp: 119081
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5
 39 43.7 36.0 54.0

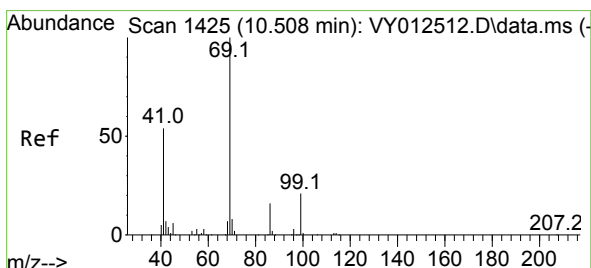
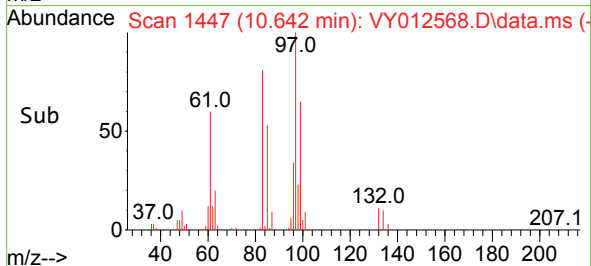
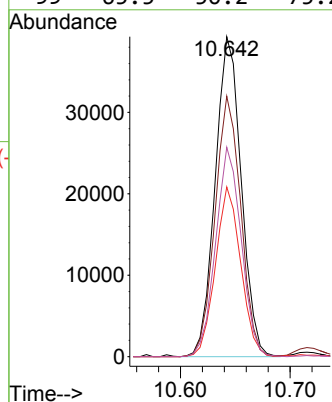
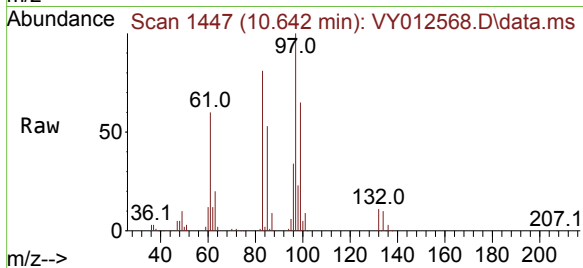




#55
1,1,2-Trichloroethane
Concen: 53.397 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

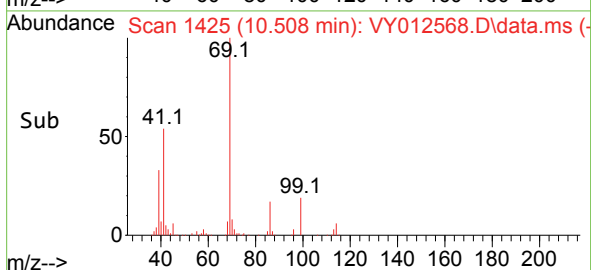
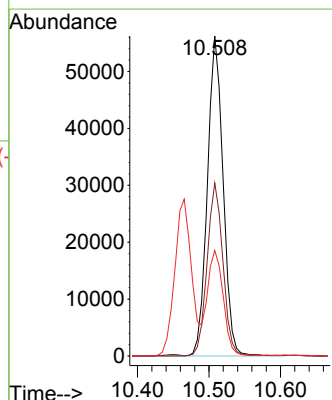
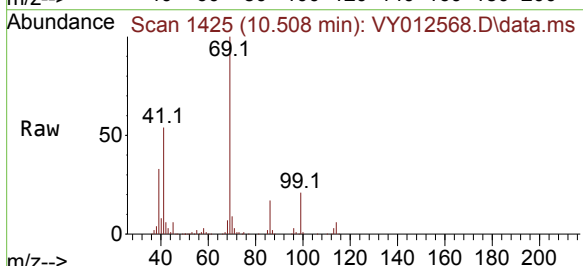
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

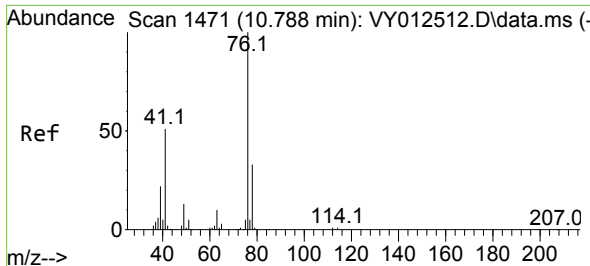
Tgt Ion:	97	Resp:	65033
Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.0	99.0
85	53.0	43.1	64.7
99	65.5	50.2	75.2



#56
Ethyl methacrylate
Concen: 56.208 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion:	69	Resp:	86008
Ion	Ratio	Lower	Upper
69	100		
41	54.4	43.4	65.2
39	32.4	26.5	39.7





#57

1,3-Dichloropropane

Concen: 52.386 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

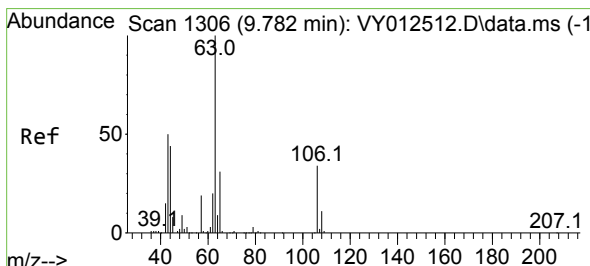
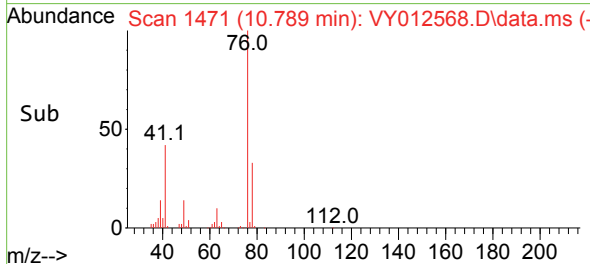
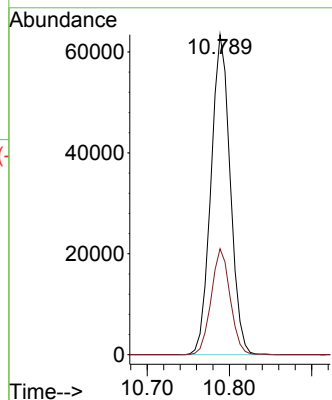
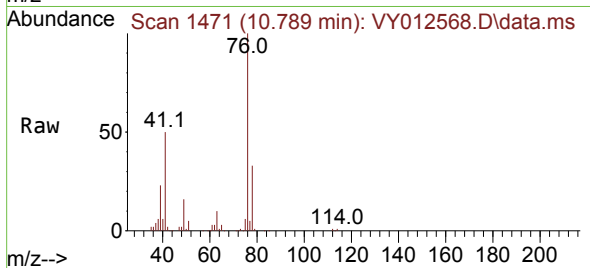
VSTDCCC050EC

Tgt Ion: 76 Resp: 102970

Ion Ratio Lower Upper

76 100

78 32.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 290.453 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012568.D

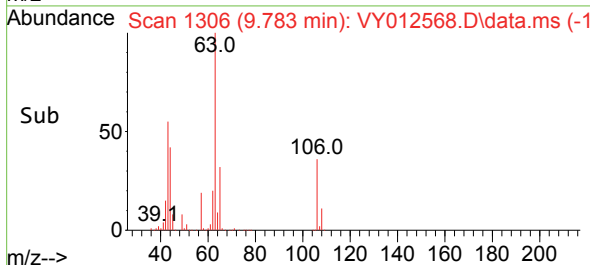
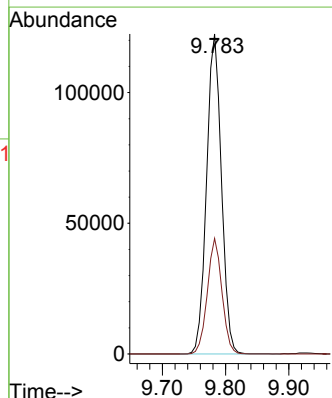
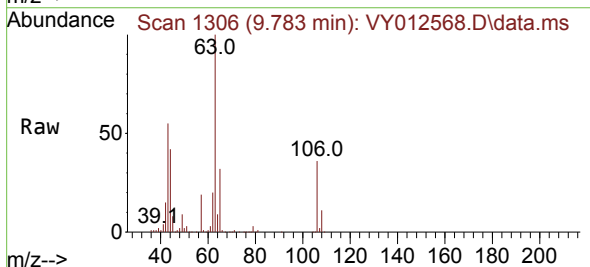
Acq: 09 Feb 2023 18:04

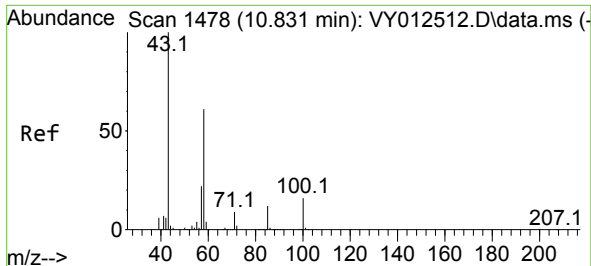
Tgt Ion: 63 Resp: 199766

Ion Ratio Lower Upper

63 100

106 35.5 28.0 42.0

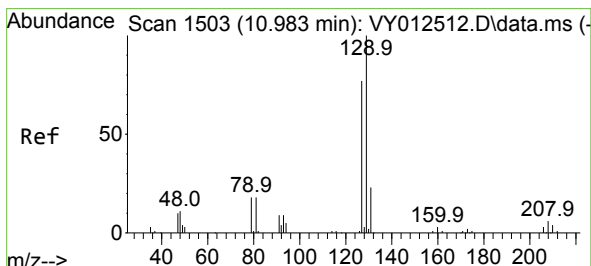
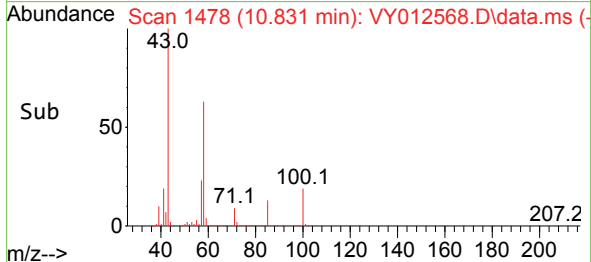
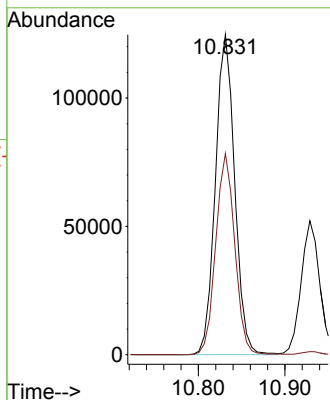
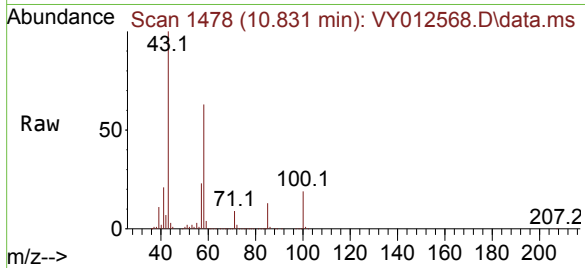




#59
2-Hexanone
Concen: 287.602 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

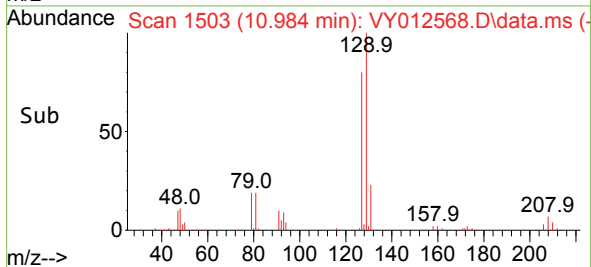
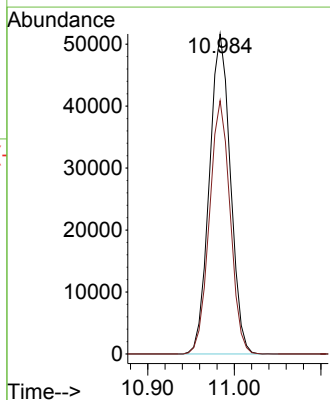
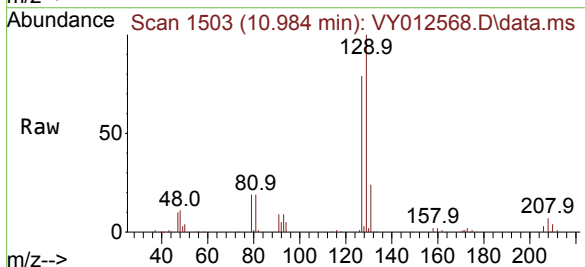
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

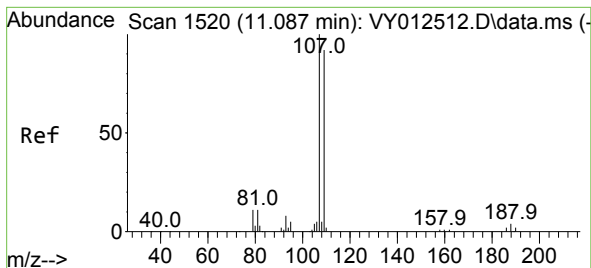
Tgt Ion: 43 Resp: 192831
Ion Ratio Lower Upper
43 100
58 62.0 30.9 92.5



#60
Dibromochloromethane
Concen: 53.677 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 129 Resp: 87145
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.1

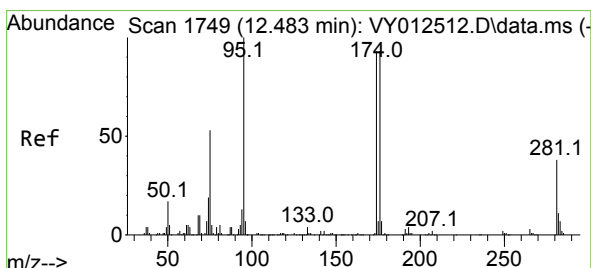
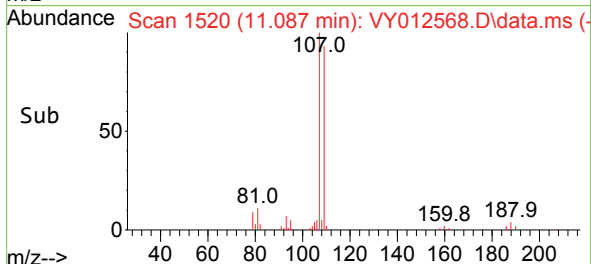
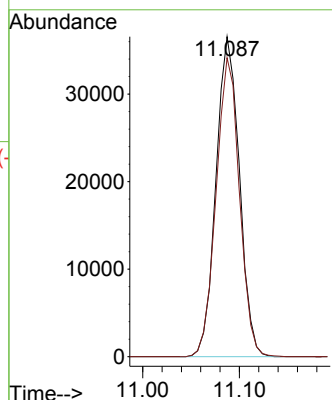
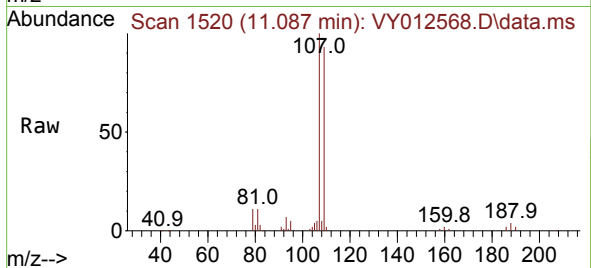




#61
1,2-Dibromoethane
Concen: 53.684 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

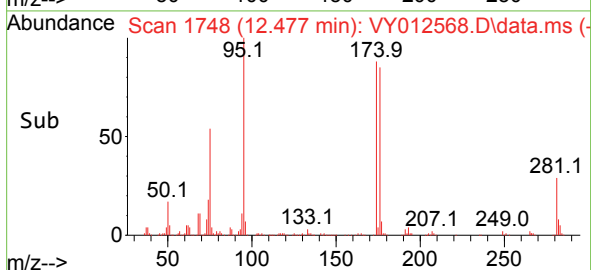
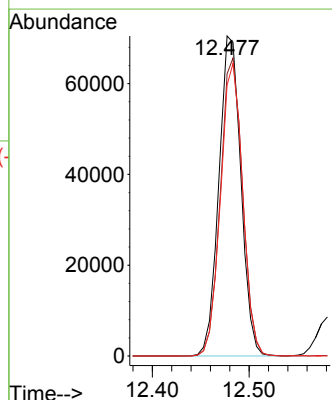
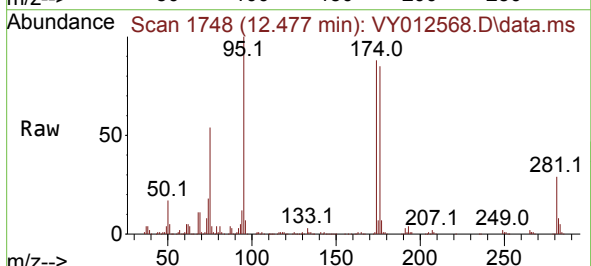
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

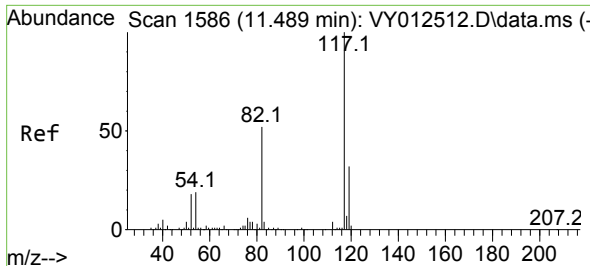
Tgt Ion:107 Resp: 61262
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 52.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 95 Resp: 111149
Ion Ratio Lower Upper
95 100
174 93.9 0.0 188.0
176 92.0 0.0 183.6

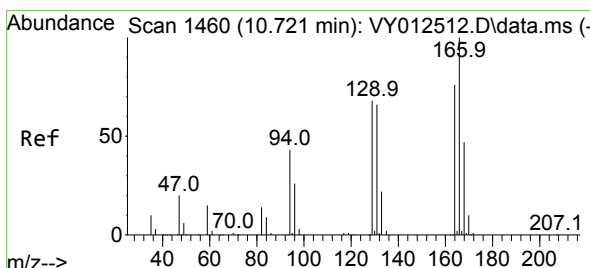
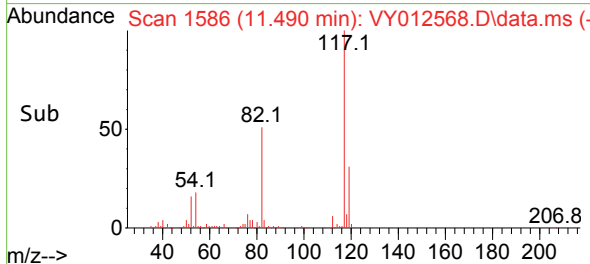
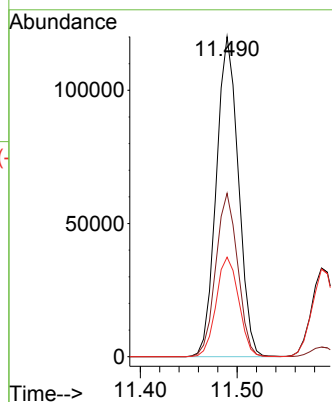
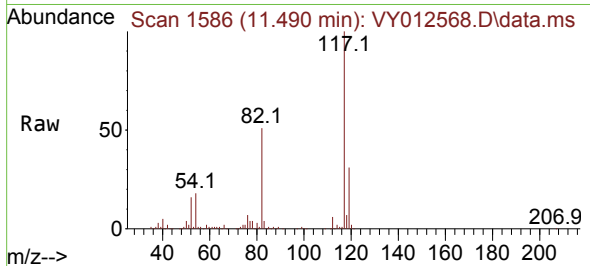




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

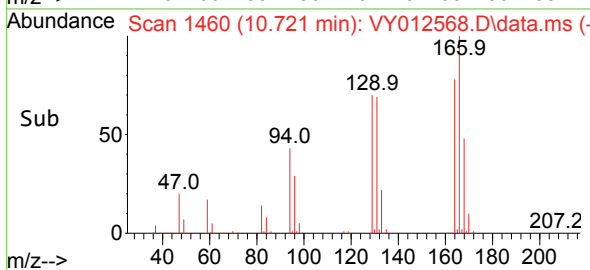
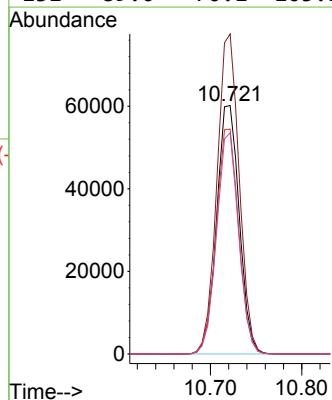
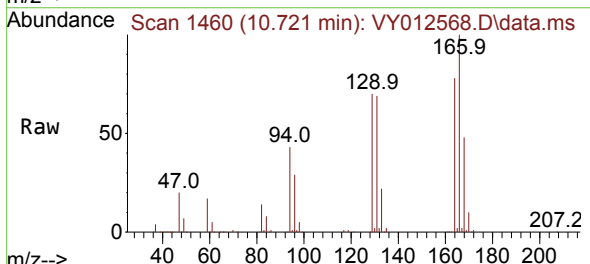
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

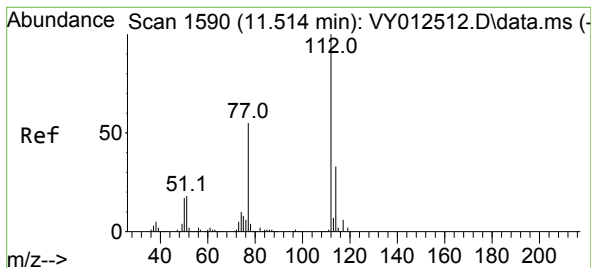
Tgt Ion:117 Resp: 190537
Ion Ratio Lower Upper
117 100
82 51.0 41.7 62.5
119 31.1 25.8 38.8



#64
Tetrachloroethene
Concen: 52.045 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion:164 Resp: 103528
Ion Ratio Lower Upper
164 100
166 128.8 105.7 158.5
129 90.6 71.8 107.6
131 89.0 70.1 105.1





#65

Chlorobenzene

Concen: 48.843 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

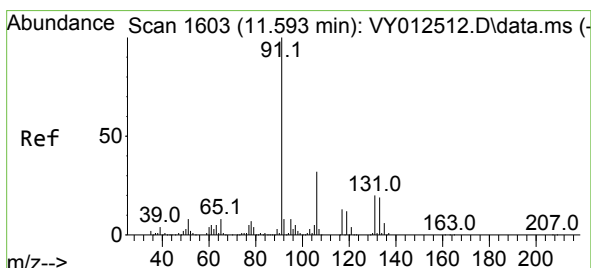
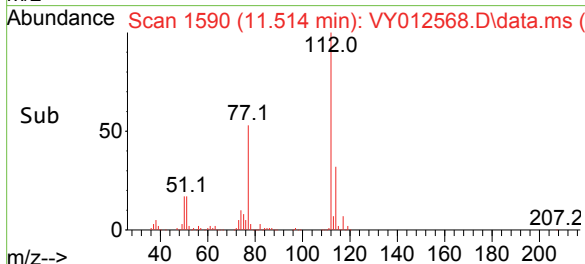
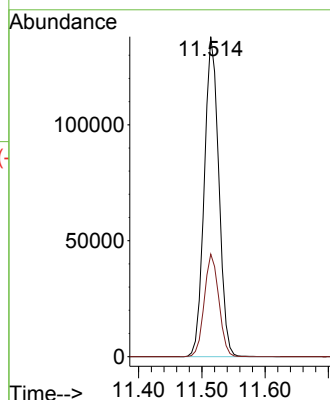
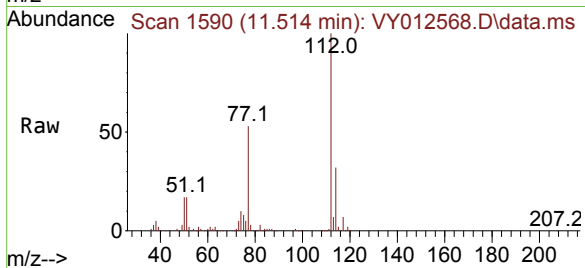
VSTDCCC050EC

Tgt Ion:112 Resp: 220732

Ion Ratio Lower Upper

112 100

114 32.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 49.529 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

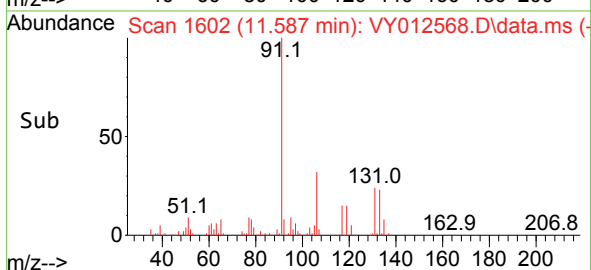
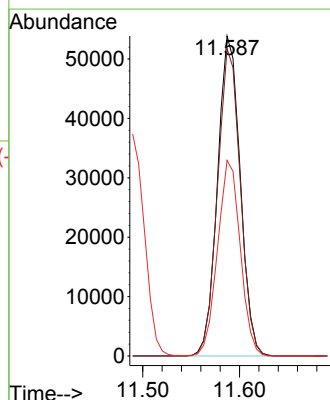
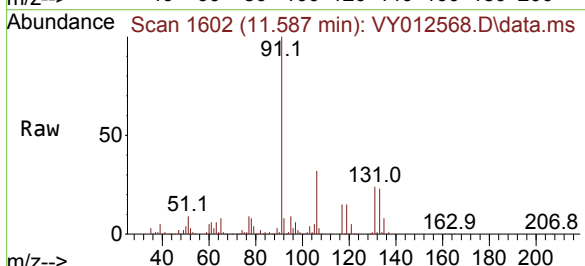
Tgt Ion:131 Resp: 87714

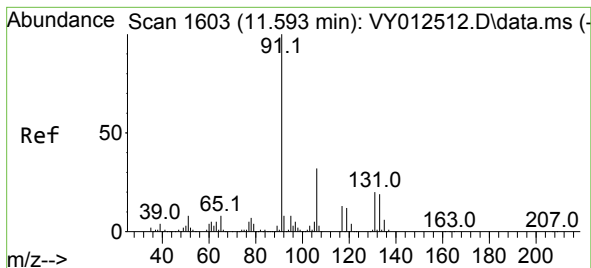
Ion Ratio Lower Upper

131 100

133 96.3 48.5 145.5

119 61.3 30.7 92.1

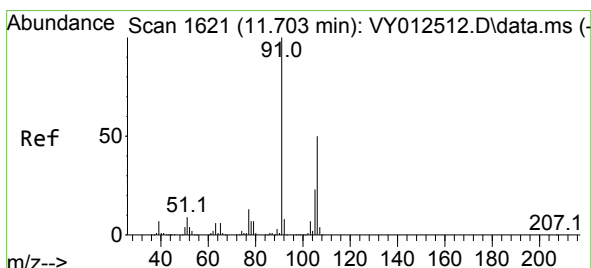
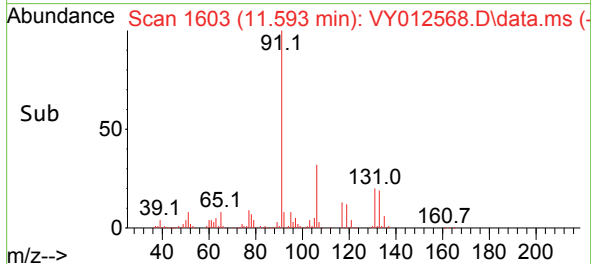
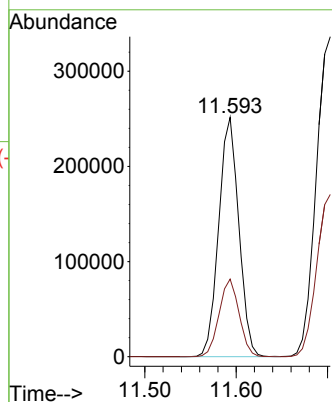
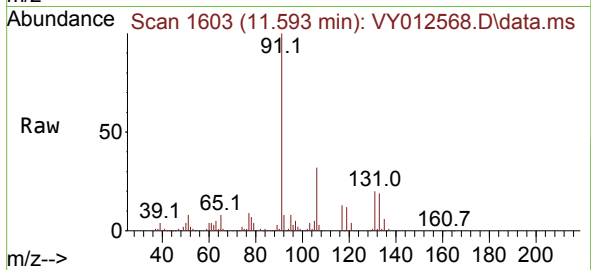




#67
Ethyl Benzene
Concen: 48.473 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

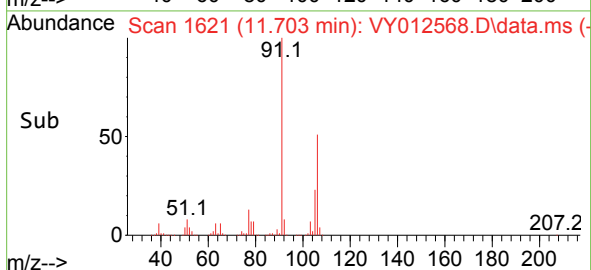
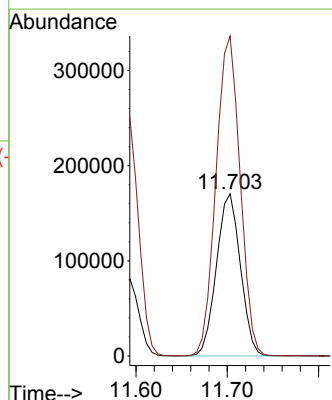
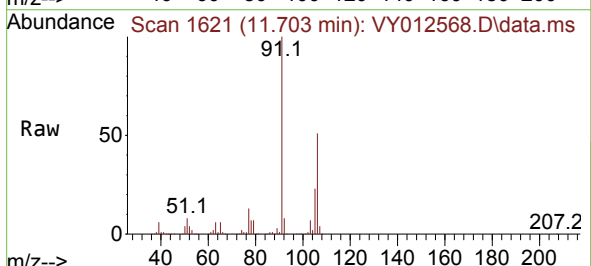
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

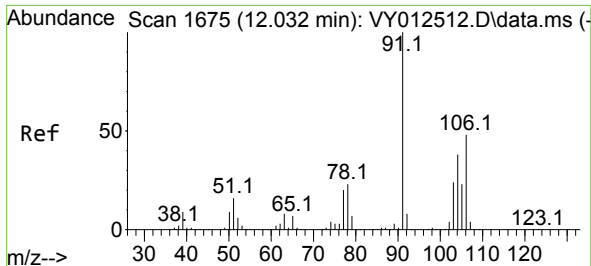
Tgt Ion: 91 Resp: 384576
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4



#68
m/p-Xylenes
Concen: 98.050 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 106 Resp: 310514
Ion Ratio Lower Upper
106 100
91 198.6 160.3 240.5

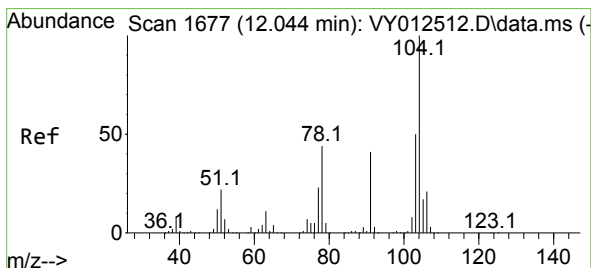
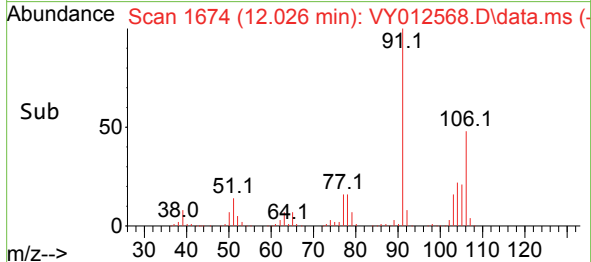
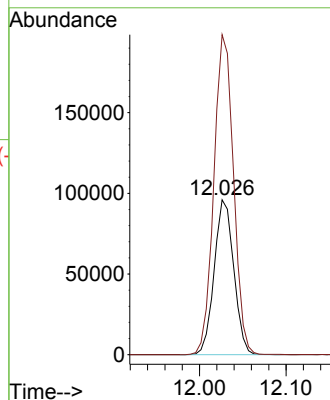
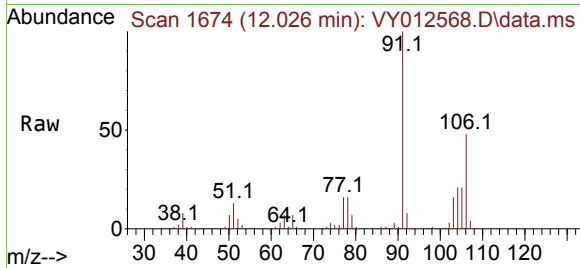




#69
o-Xylene
Concen: 49.942 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

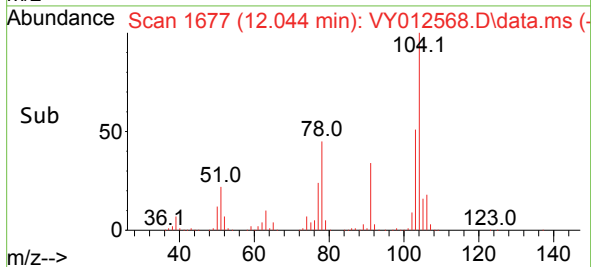
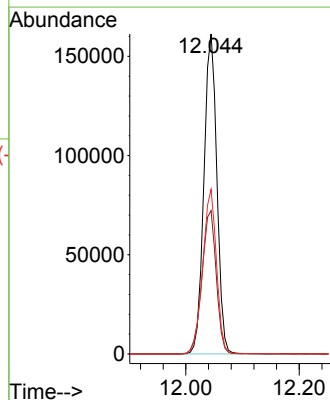
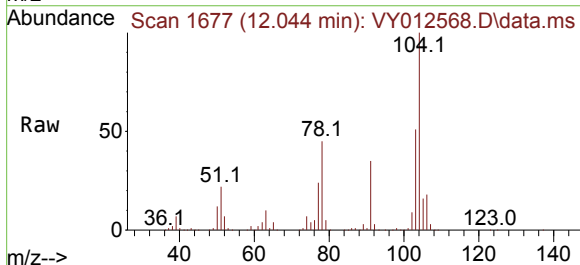
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

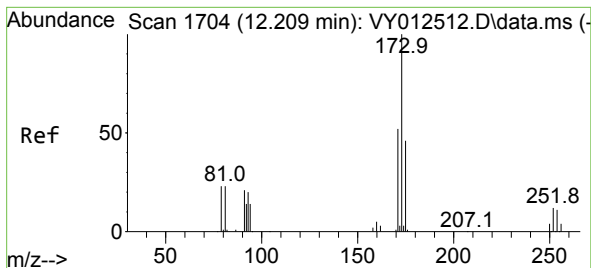
Tgt Ion:106 Resp: 150621
Ion Ratio Lower Upper
106 100
91 207.8 104.2 312.5



#70
Styrene
Concen: 50.151 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion:104 Resp: 256516
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 54.5 43.8 65.8





#71

Bromoform

Concen: 54.297 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

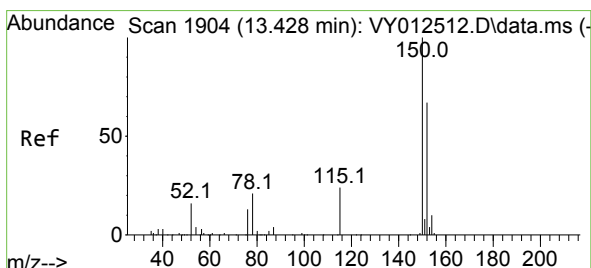
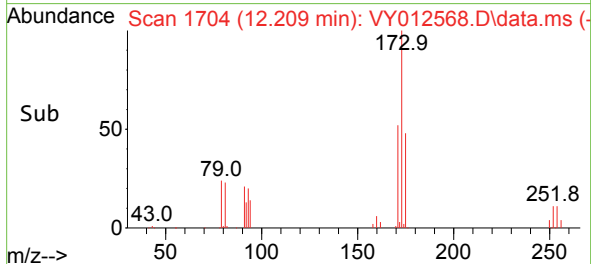
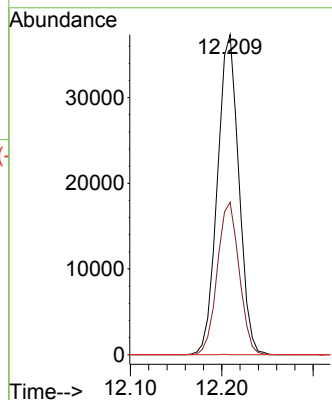
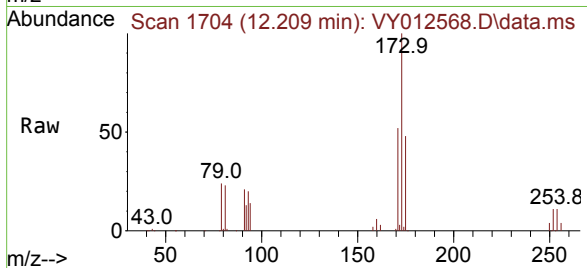
Tgt Ion:173 Resp: 60779

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

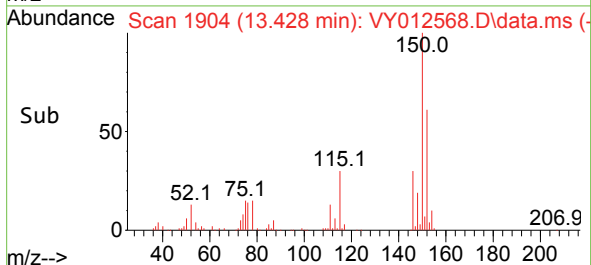
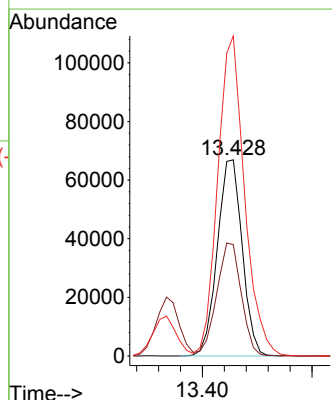
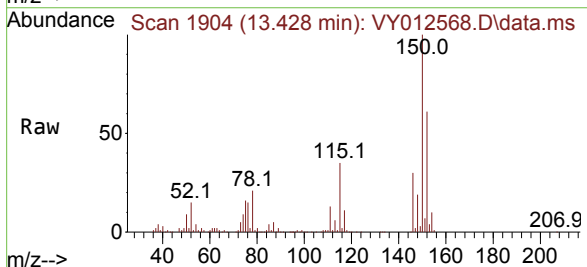
Tgt Ion:152 Resp: 105582

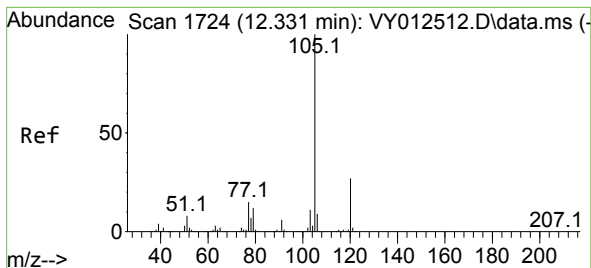
Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.3

150 175.5 0.0 351.0





#73

Isopropylbenzene

Concen: 47.249 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

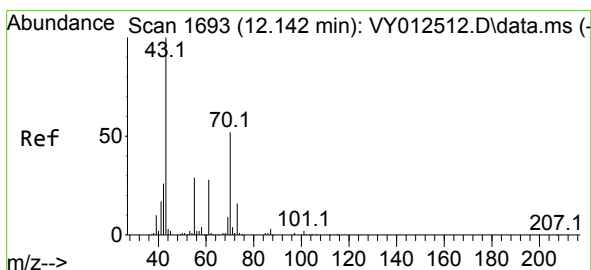
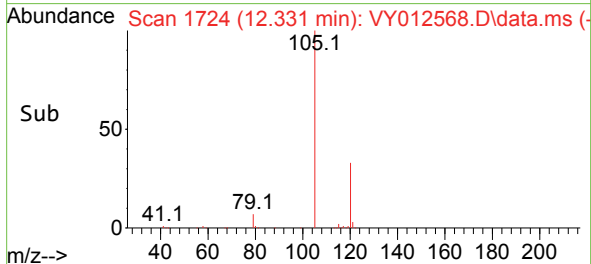
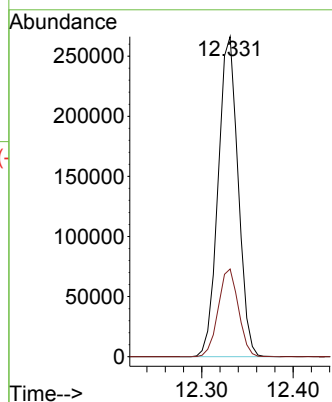
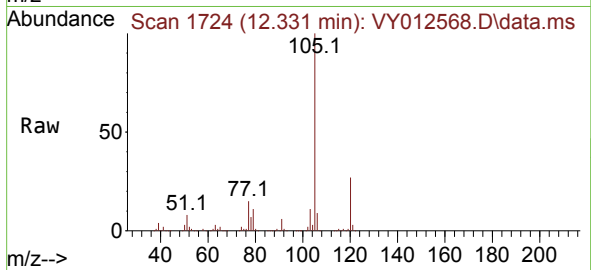
VSTDCCC050EC

Tgt Ion:105 Resp: 403615

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.2



#74

N-ethyl acetate

Concen: 52.275 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Tgt Ion: 43 Resp: 80833

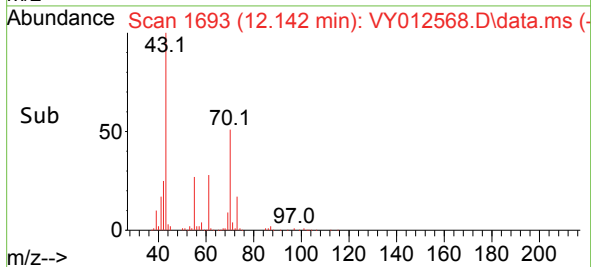
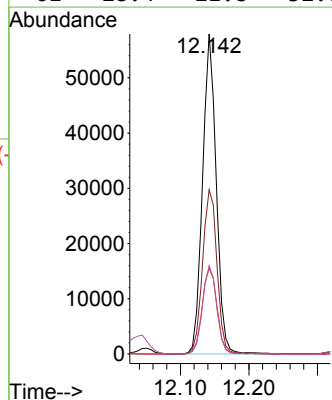
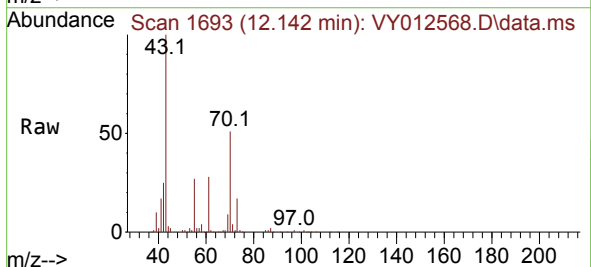
Ion Ratio Lower Upper

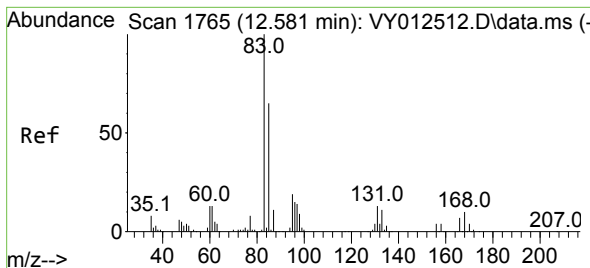
43 100

70 54.2 41.0 61.6

55 29.0 22.9 34.3

61 28.4 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.840 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

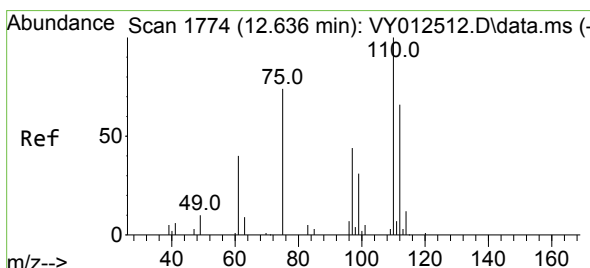
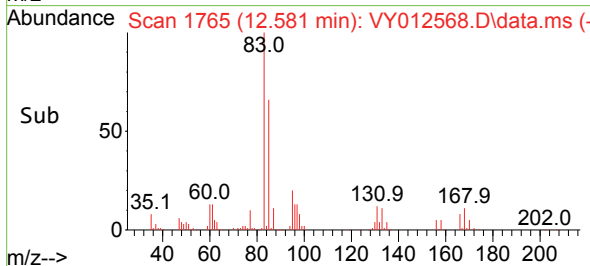
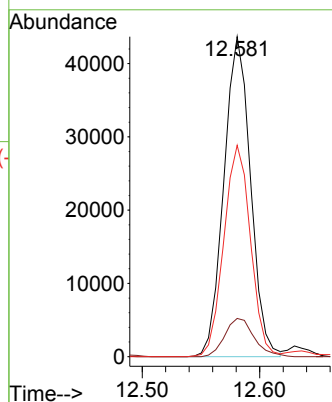
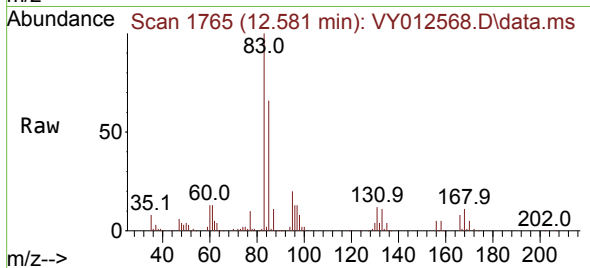
Tgt Ion: 83 Resp: 68841

Ion Ratio Lower Upper

83 100

131 13.1 6.5 19.4

85 66.1 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 86.479 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012568.D

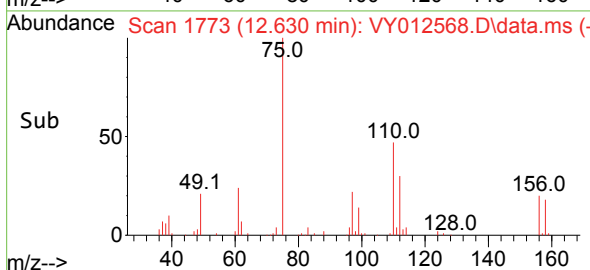
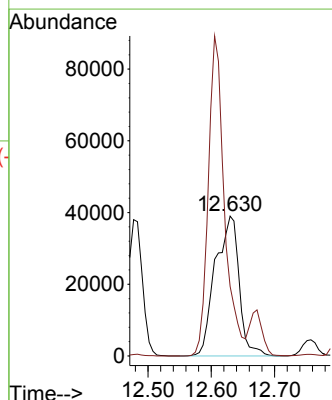
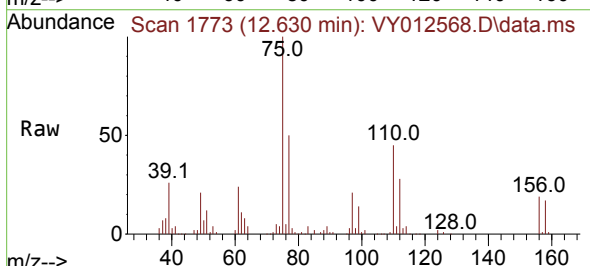
Acq: 09 Feb 2023 18:04

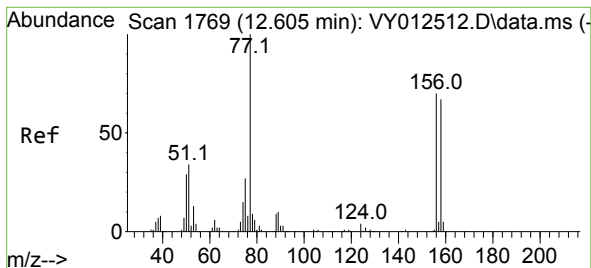
Tgt Ion: 75 Resp: 102011

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.216 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

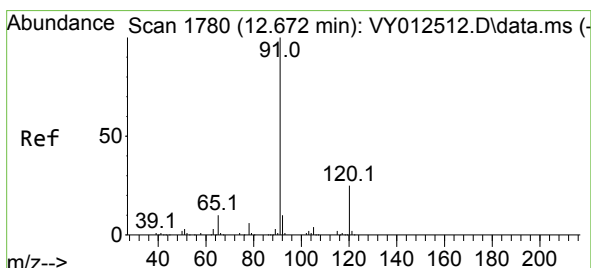
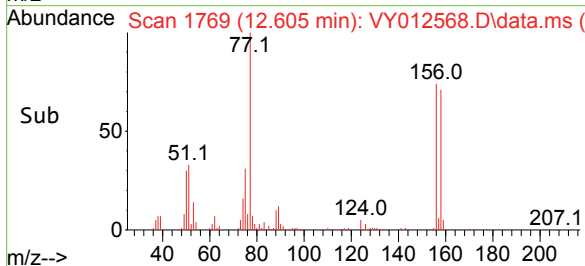
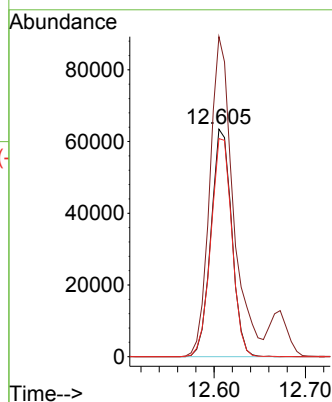
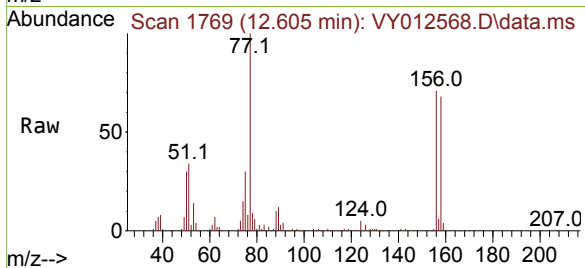
Tgt Ion:156 Resp: 99828

Ion Ratio Lower Upper

156 100

77 159.3 80.6 241.8

158 97.6 49.1 147.3



#78

n-propylbenzene

Concen: 47.626 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012568.D

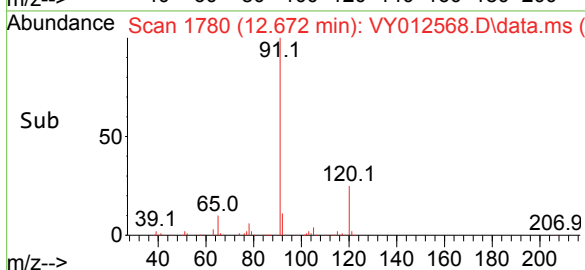
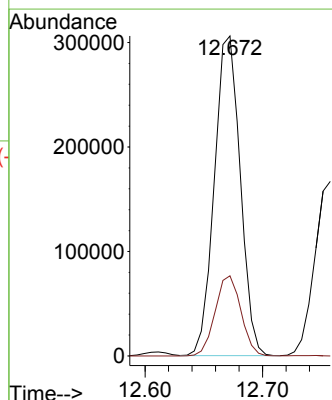
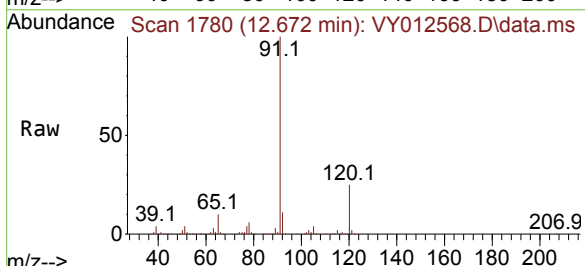
Acq: 09 Feb 2023 18:04

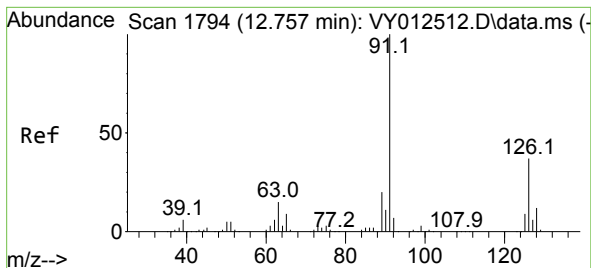
Tgt Ion: 91 Resp: 468260

Ion Ratio Lower Upper

91 100

120 25.0 12.4 37.4

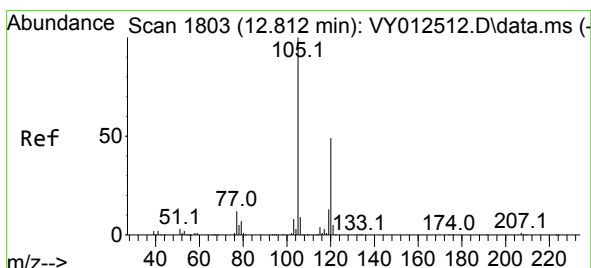
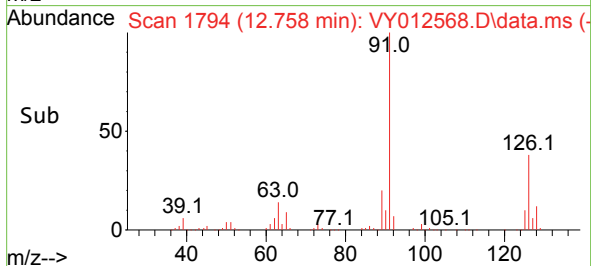
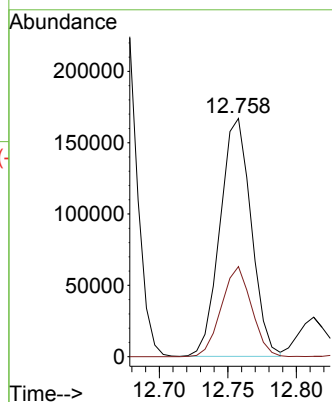
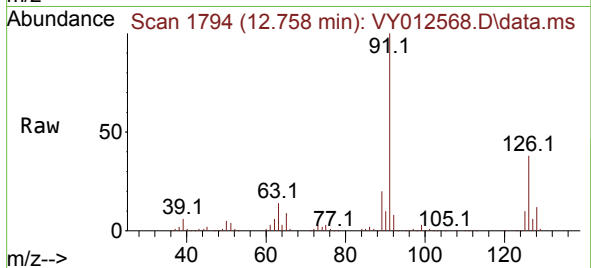




#79
2-Chlorotoluene
Concen: 47.404 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

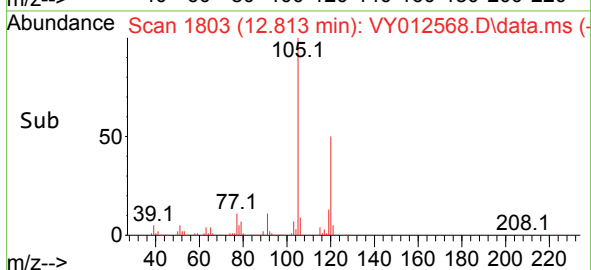
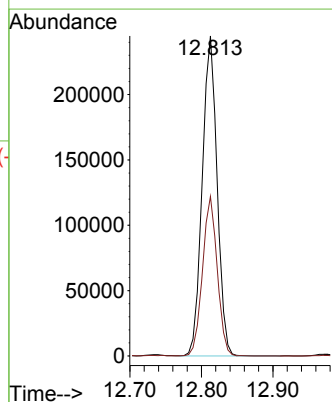
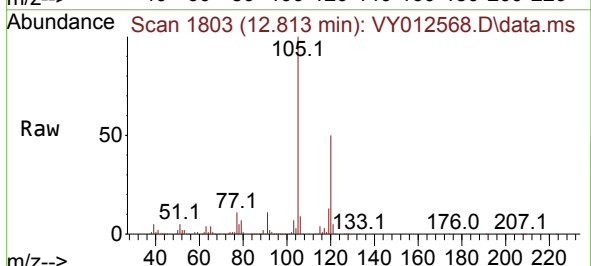
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

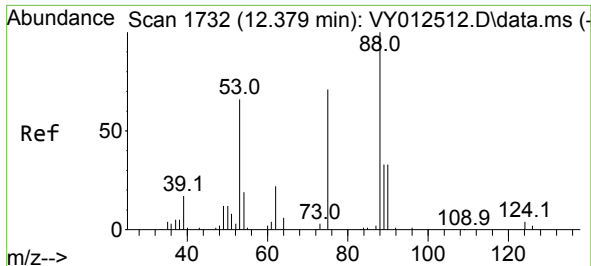
Tgt Ion: 91 Resp: 264585
Ion Ratio Lower Upper
91 100
126 36.6 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 48.113 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 105 Resp: 353801
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0

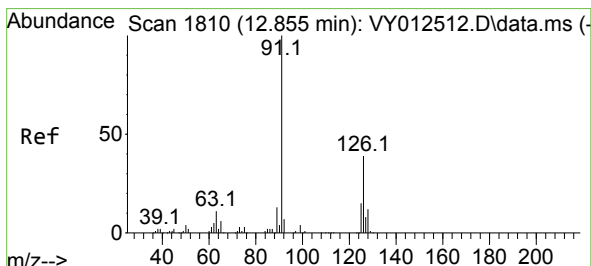
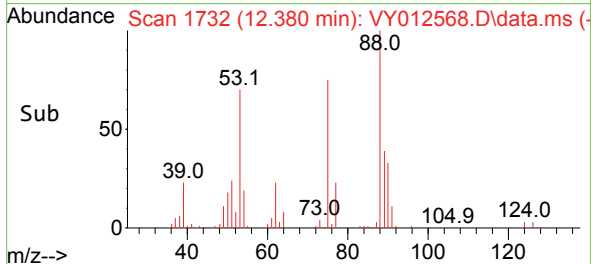
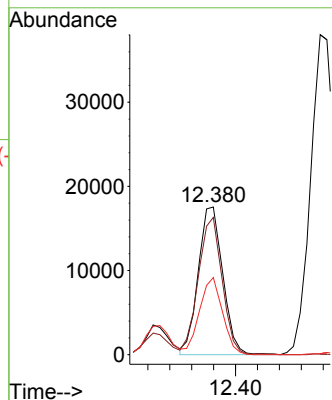
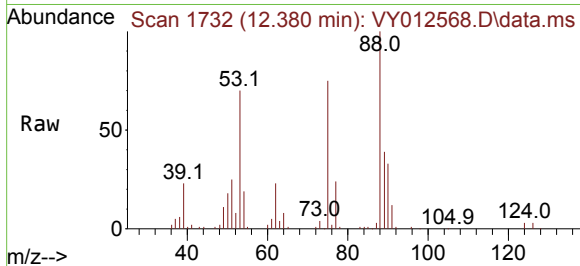




#81
trans-1,4-Dichloro-2-butene
Concen: 52.226 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

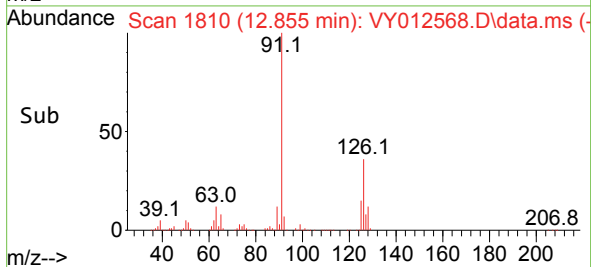
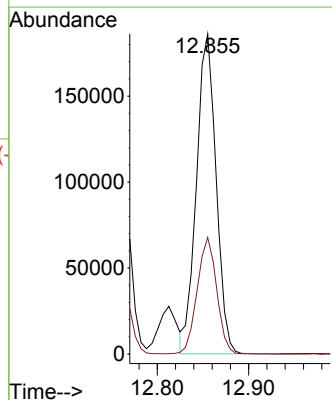
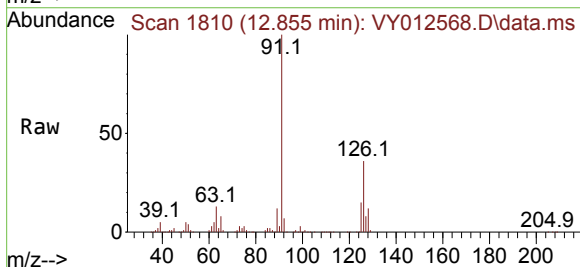
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

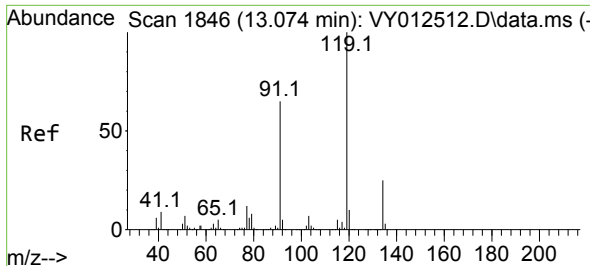
Tgt Ion: 75 Resp: 27319
Ion Ratio Lower Upper
75 100
53 90.5 73.1 109.7
89 49.2 39.9 59.9



#82
4-Chlorotoluene
Concen: 47.437 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 91 Resp: 277741
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.3

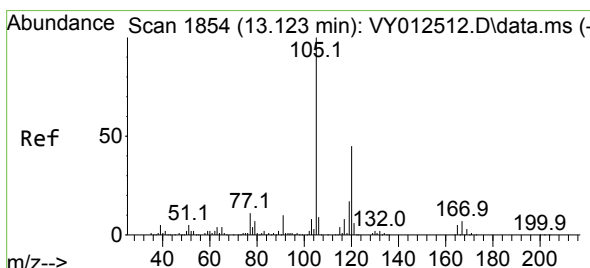
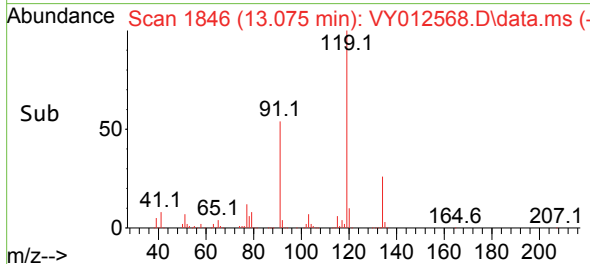
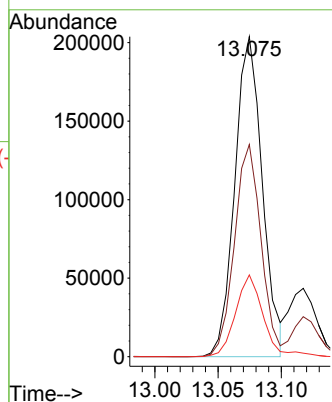
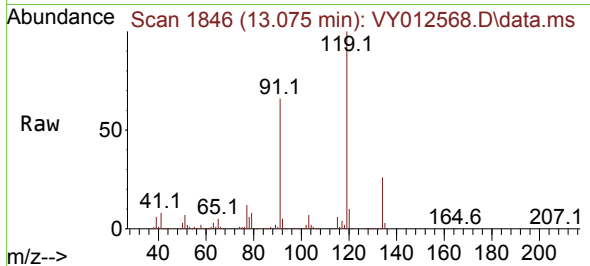




#83
tert-Butylbenzene
Concen: 48.003 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

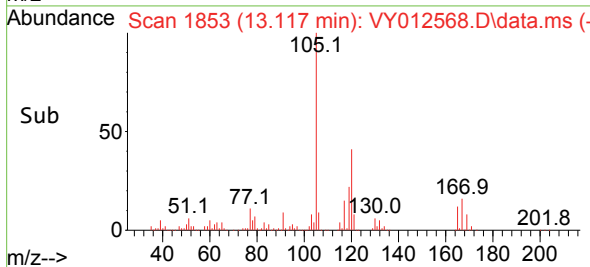
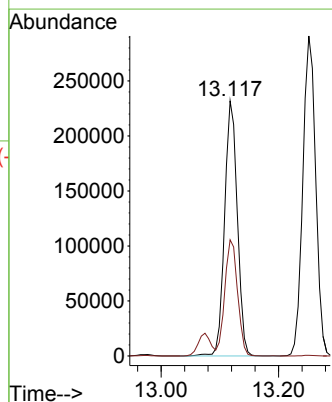
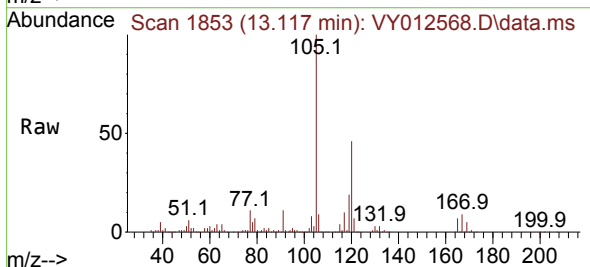
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

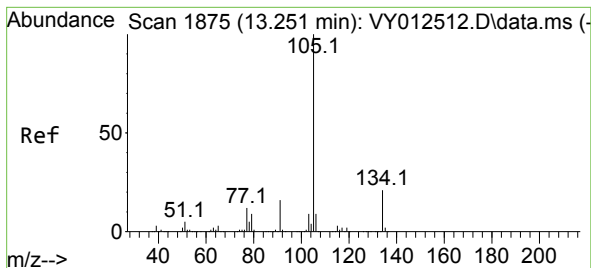
Tgt Ion:119 Resp: 309542
Ion Ratio Lower Upper
119 100
91 63.9 33.0 99.0
134 25.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 48.235 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion:105 Resp: 349007
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 47.829 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

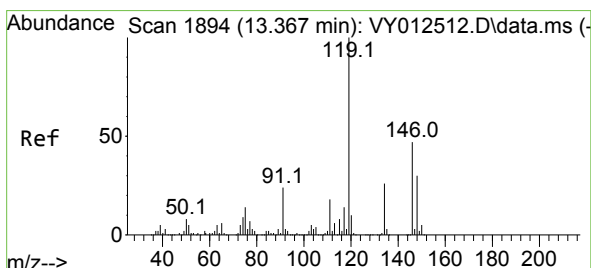
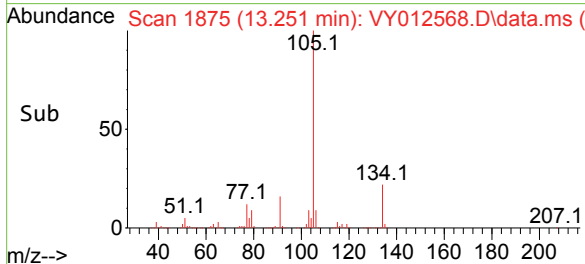
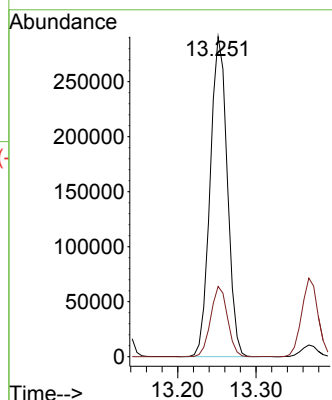
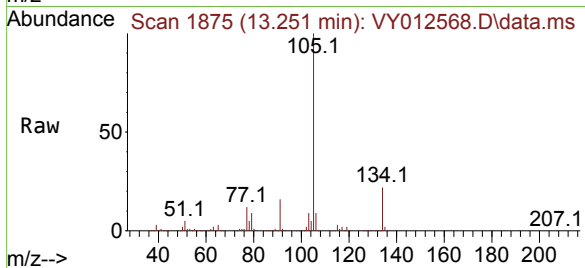
VSTDCCC050EC

Tgt Ion:105 Resp: 441232

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



#86

p-Isopropyltoluene

Concen: 48.746 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

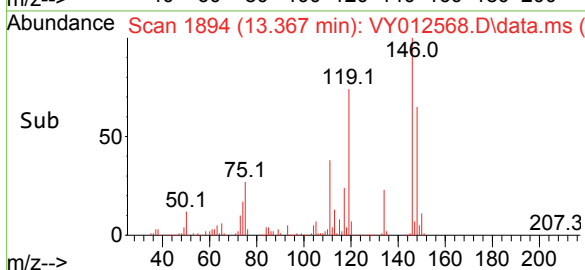
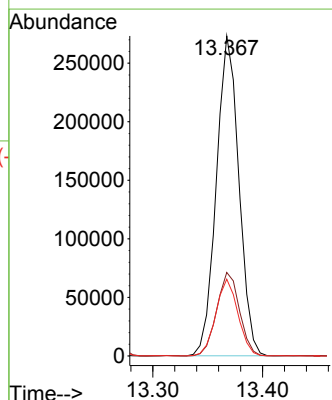
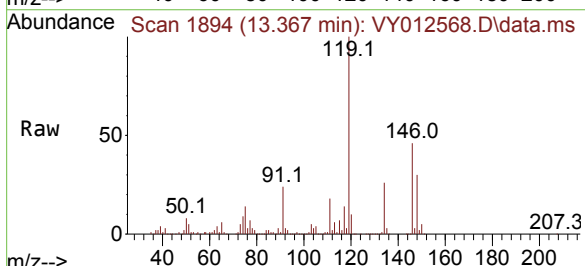
Tgt Ion:119 Resp: 390118

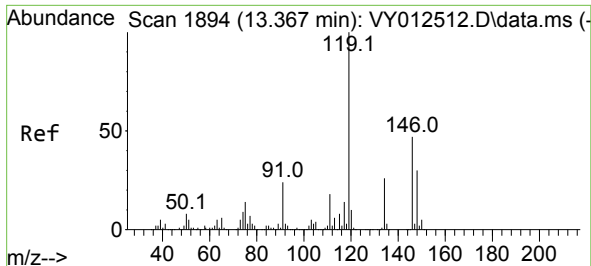
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 23.6 12.0 36.1

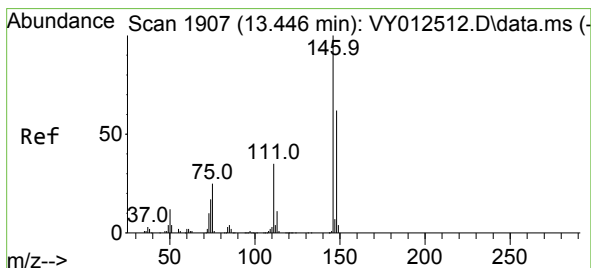
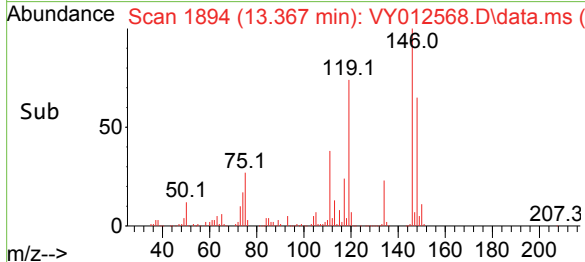
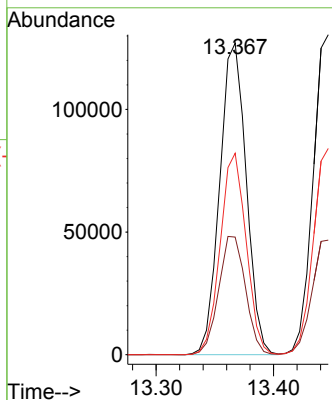
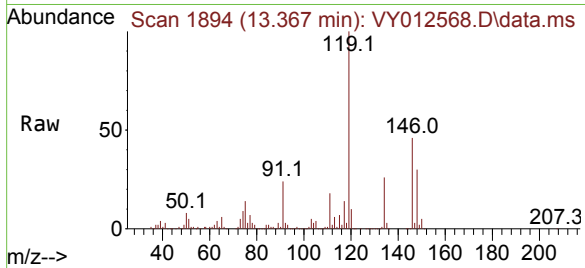




#87
1,3-Dichlorobenzene
Concen: 48.444 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

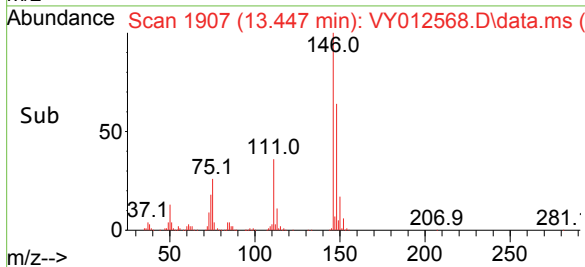
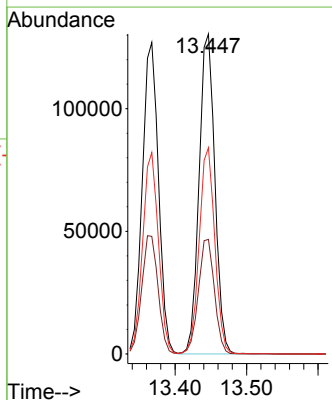
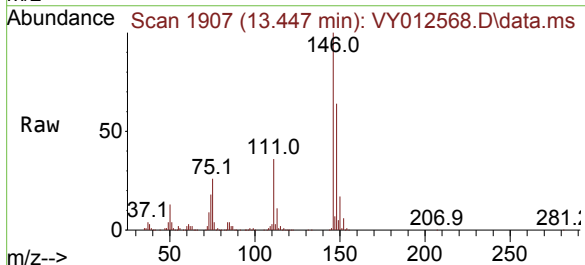
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

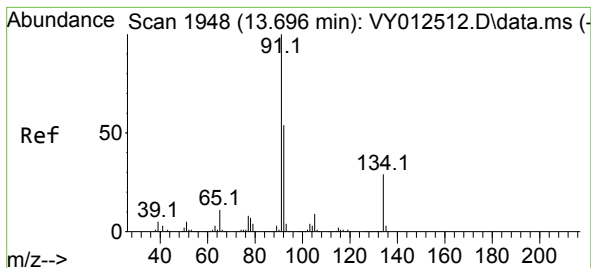
Tgt Ion:146 Resp: 199565
Ion Ratio Lower Upper
146 100
111 38.4 19.3 57.9
148 63.2 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 48.533 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion:146 Resp: 200269
Ion Ratio Lower Upper
146 100
111 36.4 18.4 55.2
148 63.7 31.6 95.0





#89

n-Butylbenzene

Concen: 48.441 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

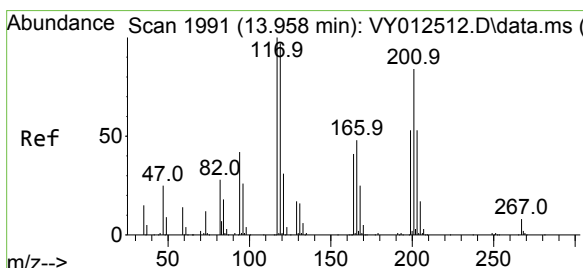
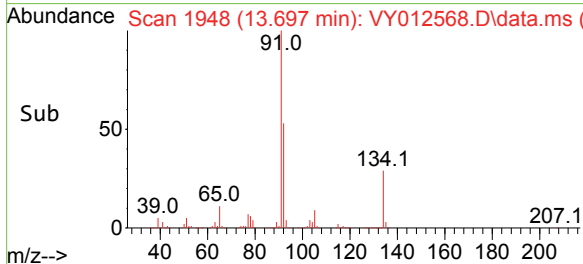
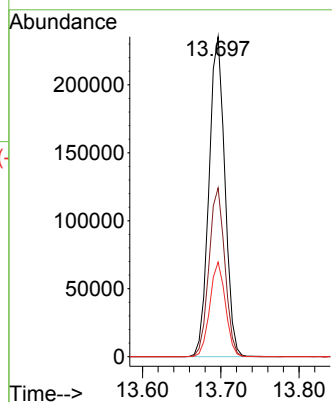
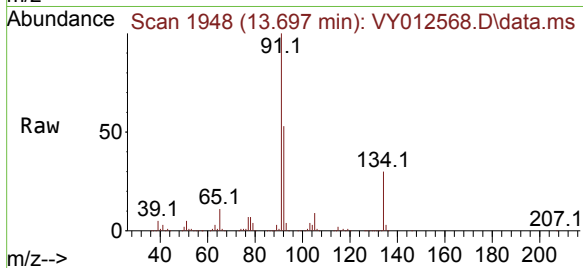
Tgt Ion: 91 Resp: 331332

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 29.0 14.5 43.5



#90

Hexachloroethane

Concen: 47.157 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012568.D

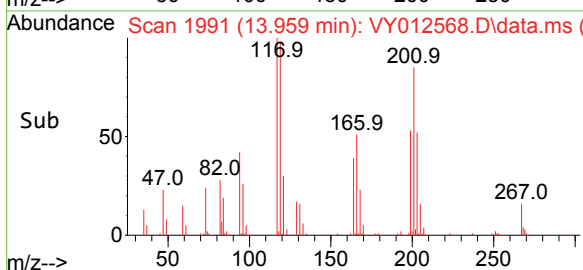
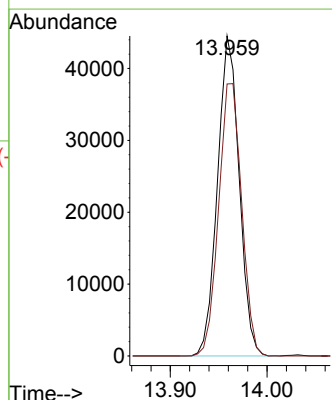
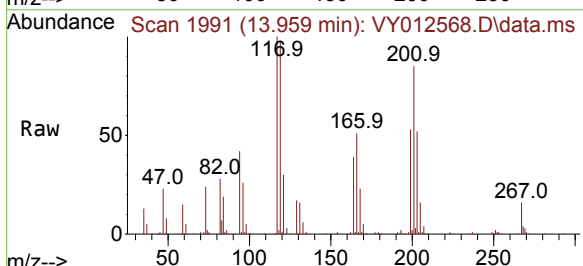
Acq: 09 Feb 2023 18:04

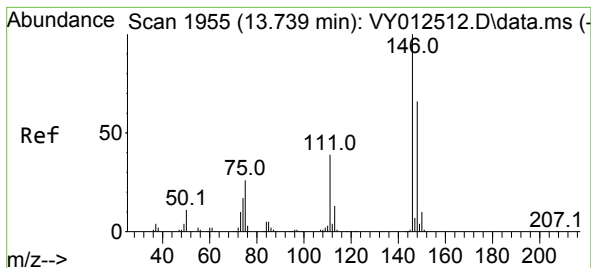
Tgt Ion: 117 Resp: 69272

Ion Ratio Lower Upper

117 100

201 90.3 43.9 131.7

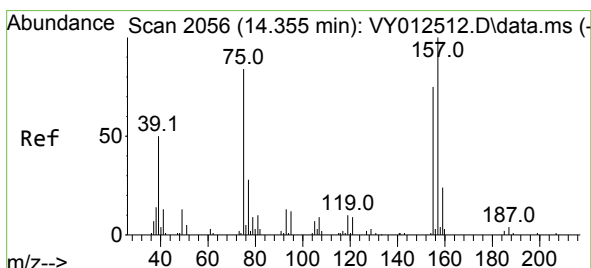
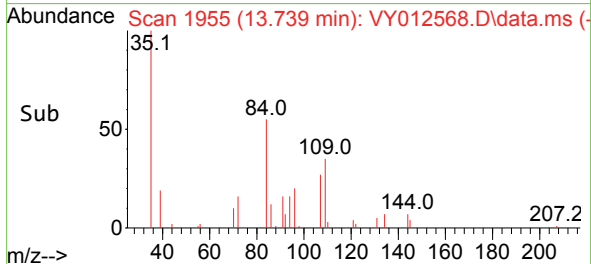
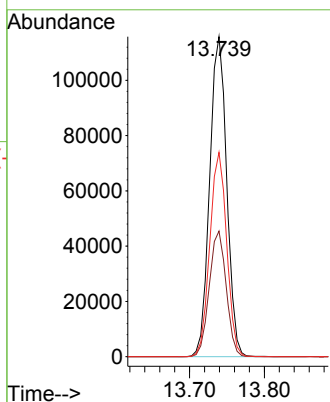
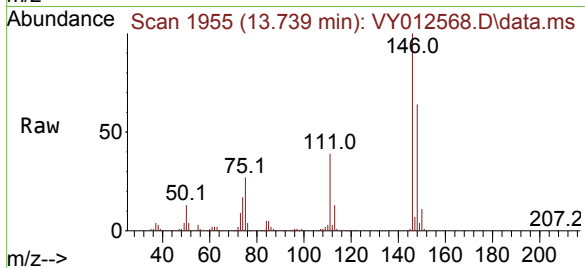




#91
1,2-Dichlorobenzene
Concen: 49.382 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

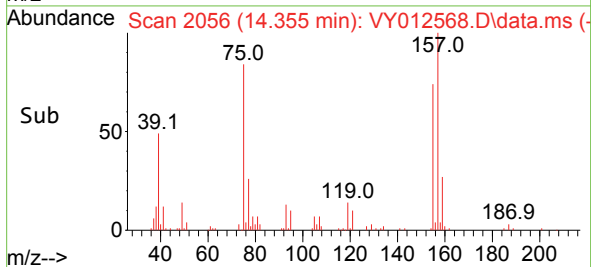
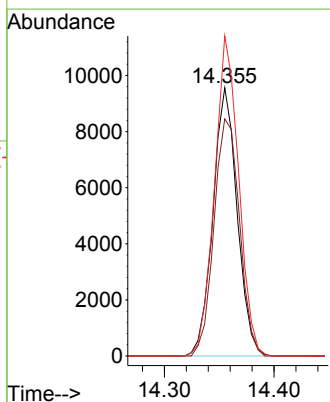
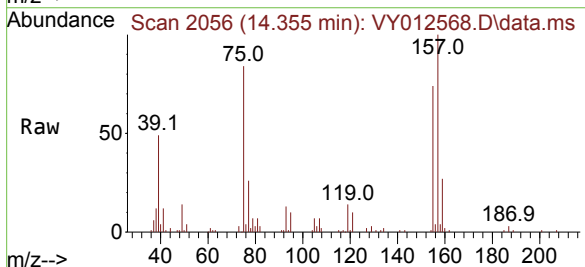
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

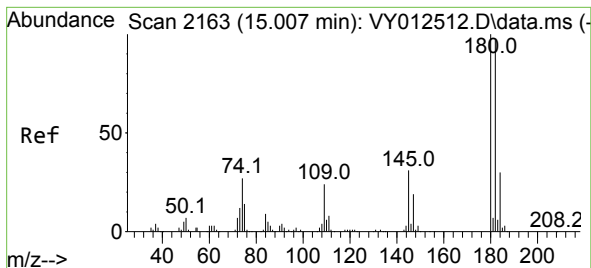
Tgt Ion:146 Resp: 183003
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.1
148 63.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.277 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012568.D
Acq: 09 Feb 2023 18:04

Tgt Ion: 75 Resp: 14644
Ion Ratio Lower Upper
75 100
155 93.2 46.5 139.3
157 119.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.943 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

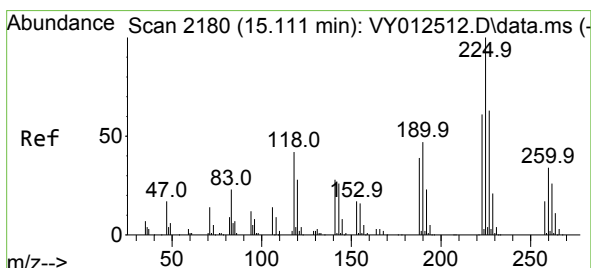
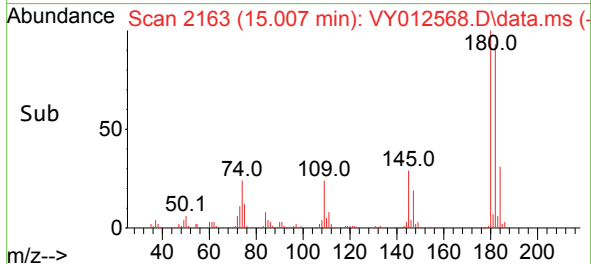
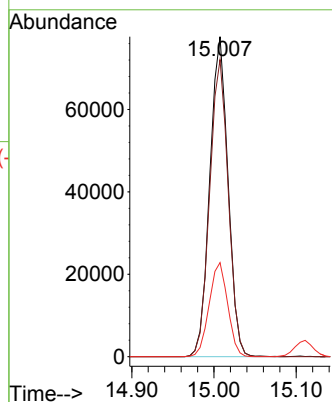
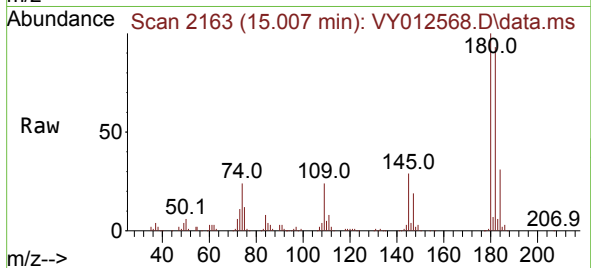
Tgt Ion:180 Resp: 119274

Ion Ratio Lower Upper

180 100

182 94.6 47.7 143.1

145 30.0 15.4 46.4



#94

Hexachlorobutadiene

Concen: 48.874 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

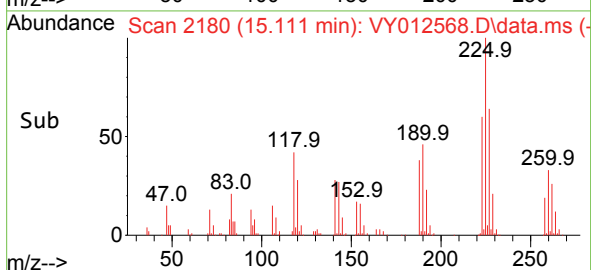
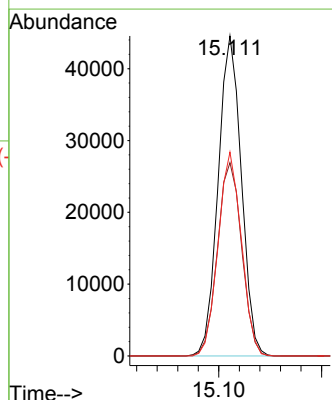
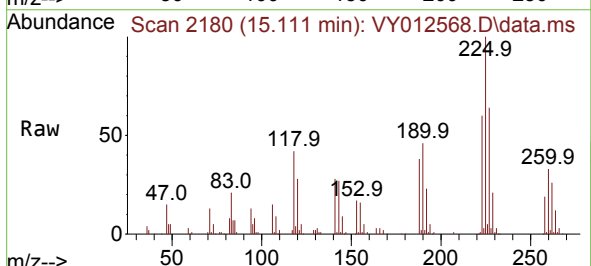
Tgt Ion:225 Resp: 69718

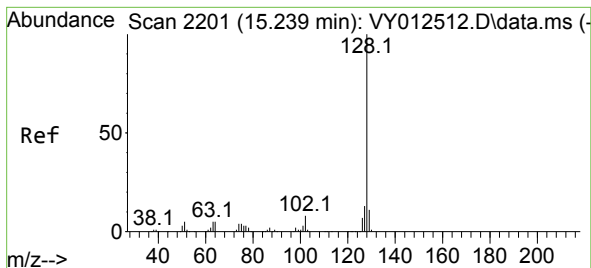
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.3

227 63.9 31.9 95.5





#95

Naphthalene

Concen: 56.985 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

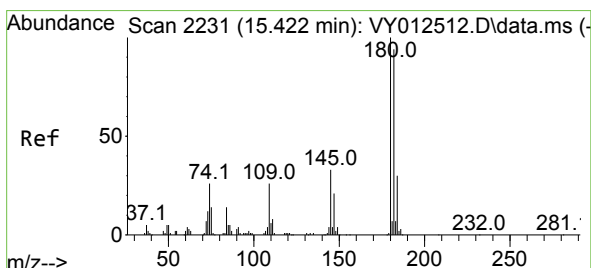
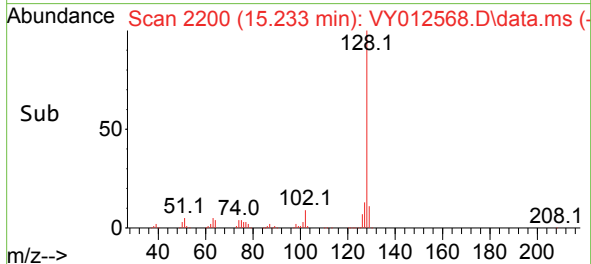
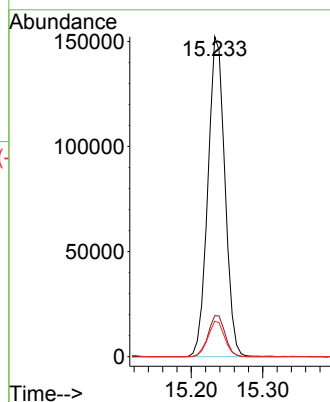
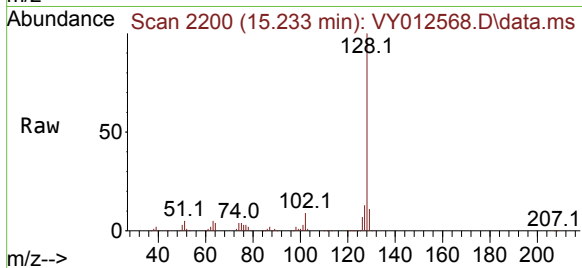
Tgt Ion:128 Resp: 251193

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.069 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012568.D

Acq: 09 Feb 2023 18:04

Tgt Ion:180 Resp: 105482

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.2

145 31.9 16.2 48.6

