

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013019.D
 Acq On : 21 Mar 2023 11:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 04:16:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46857	41.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.420%
35) Dibromofluoromethane	7.716	113	48938	47.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.179	98	160352	42.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.200%
62) 4-Bromofluorobenzene	12.483	95	58991	46.428	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60328	54.093	ug/l	98
3) Chloromethane	2.113	50	57142	42.858	ug/l	100
4) Vinyl Chloride	2.253	62	55813	45.650	ug/l	99
5) Bromomethane	2.650	94	35826	48.224	ug/l	93
6) Chloroethane	2.796	64	34718	47.415	ug/l	100
7) Trichlorofluoromethane	3.131	101	87787	43.231	ug/l	97
8) Diethyl Ether	3.534	74	34068	47.875	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	63223	51.750	ug/l	99
10) Methyl Iodide	4.095	142	84221	52.908	ug/l	98
11) Tert butyl alcohol	4.948	59	25822	195.467	ug/l	99
12) 1,1-Dichloroethene	3.875	96	61591	52.859	ug/l	99
13) Acrolein	3.729	56	36410	184.987	ug/l	98
14) Allyl chloride	4.485	41	114644	53.265	ug/l	99
15) Acrylonitrile	5.161	53	88224	235.300	ug/l	99
16) Acetone	3.942	43	106473	241.460	ug/l	98
17) Carbon Disulfide	4.198	76	204736	51.621	ug/l	99
18) Methyl Acetate	4.479	43	59588	45.378	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	151179	50.232	ug/l	98
20) Methylene Chloride	4.716	84	70839	52.964	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	68345	53.976	ug/l	99
22) Diisopropyl ether	6.119	45	212267	54.298	ug/l	99
23) Vinyl Acetate	6.058	43	620130	255.304	ug/l	99
24) 1,1-Dichloroethane	6.015	63	117990	52.967	ug/l	99
25) 2-Butanone	6.984	43	127102	232.719	ug/l	96
26) 2,2-Dichloropropane	6.978	77	104366	52.750	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	72278	53.242	ug/l	100
28) Bromochloromethane	7.332	49	40558	49.821	ug/l	95
29) Tetrahydrofuran	7.344	42	74164	225.148	ug/l	98
30) Chloroform	7.502	83	116719	53.046	ug/l	98
31) Cyclohexane	7.789	56	109647	50.961	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	105351	52.944	ug/l	98
36) 1,1-Dichloropropene	7.917	75	93371	54.110	ug/l	99
37) Ethyl Acetate	7.070	43	49181	45.220	ug/l	99
38) Carbon Tetrachloride	7.899	117	96515	54.163	ug/l	100
39) Methylcyclohexane	9.185	83	113087	55.125	ug/l	97
40) Benzene	8.161	78	264357	54.159	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	69572	118.730	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	76030	51.809	ug/l	100
43) Isopropyl Acetate	8.271	43	92431	47.635	ug/l	99
44) Trichloroethene	8.941	130	69084	53.681	ug/l	99
45) 1,2-Dichloropropane	9.216	63	66175	53.644	ug/l	96
46) Dibromomethane	9.307	93	35989	51.209	ug/l	99
47) Bromodichloromethane	9.496	83	87486	52.826	ug/l	98
48) Methyl methacrylate	9.295	41	44100	49.324	ug/l	99
49) 1,4-Dioxane	9.301	88	8496	935.147	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	248566	236.157	ug/l	99
52) Toluene	10.246	92	163513	55.546	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	89783	51.685	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	104812	53.307	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	48959	50.023	ug/l	98
56) Ethyl methacrylate	10.508	69	65353	50.078	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85814	51.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	164800	240.554	ug/l	99
59) 2-Hexanone	10.831	43	182867	239.050	ug/l	99
60) Dibromochloromethane	10.984	129	60982	51.186	ug/l	100
61) 1,2-Dibromoethane	11.087	107	46856	49.699	ug/l	100
64) Tetrachloroethene	10.721	164	60045	54.999	ug/l	97
65) Chlorobenzene	11.514	112	167933	53.361	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	62001	53.241	ug/l	99
67) Ethyl Benzene	11.593	91	307456	55.567	ug/l	99
68) m/p-Xylenes	11.703	106	237103	111.391	ug/l	99
69) o-Xylene	12.032	106	110442	55.595	ug/l	98
70) Styrene	12.044	104	185822	56.053	ug/l	99
71) Bromoform	12.209	173	38150	50.245	ug/l #	96
73) Isopropylbenzene	12.331	105	298017	55.458	ug/l	100
74) N-amyl acetate	12.142	43	79420	46.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	57780	47.832	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	73561	81.240	ug/l #	100
77) Bromobenzene	12.611	156	68282	52.305	ug/l	98
78) n-propylbenzene	12.672	91	368146	55.567	ug/l	99
79) 2-Chlorotoluene	12.758	91	200206	54.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	244232	55.072	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20582	47.099	ug/l	98
82) 4-Chlorotoluene	12.855	91	204542	53.662	ug/l	99
83) tert-Butylbenzene	13.075	119	209637	54.768	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	239375	55.199	ug/l	100
85) sec-Butylbenzene	13.258	105	322384	55.208	ug/l	99
86) p-Isopropyltoluene	13.373	119	262005	54.898	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	133975	53.211	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	131765	51.277	ug/l	99
89) n-Butylbenzene	13.696	91	250173	54.756	ug/l	99
90) Hexachloroethane	13.965	117	51727	52.038	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	118071	51.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8587	43.984	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	68184	48.656	ug/l	97
94) Hexachlorobutadiene	15.111	225	43546	50.948	ug/l	96
95) Naphthalene	15.239	128	130120	46.336	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	58833	47.205	ug/l	98

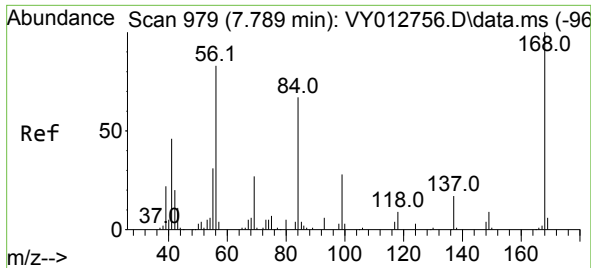
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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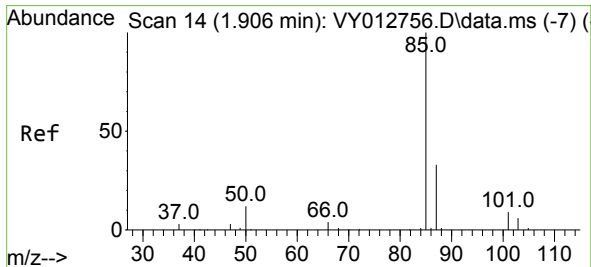
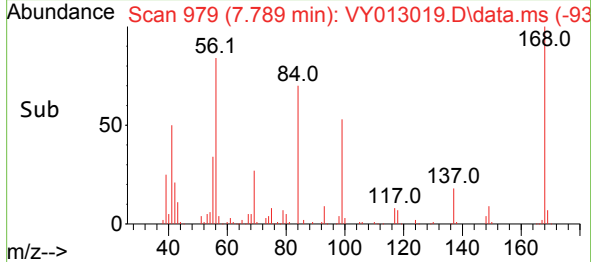
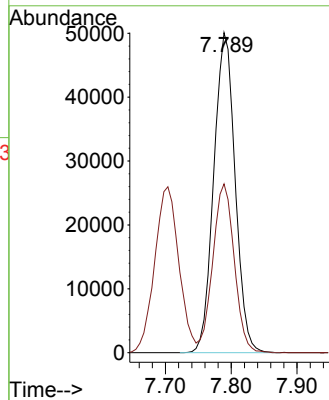
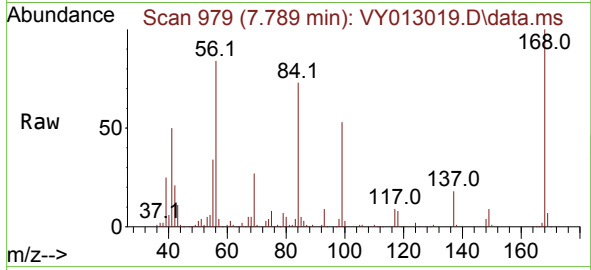
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013019.D
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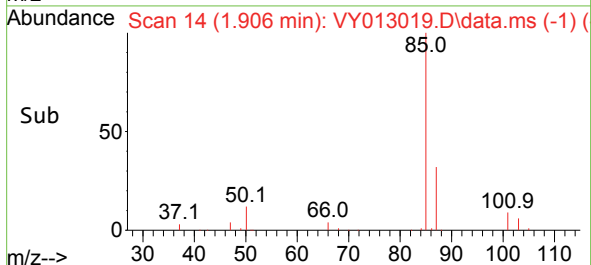
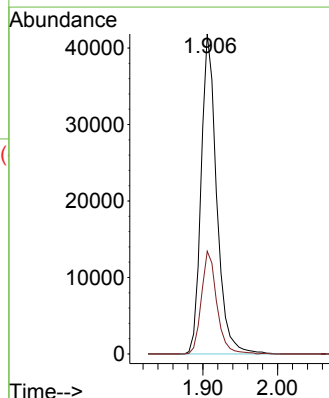
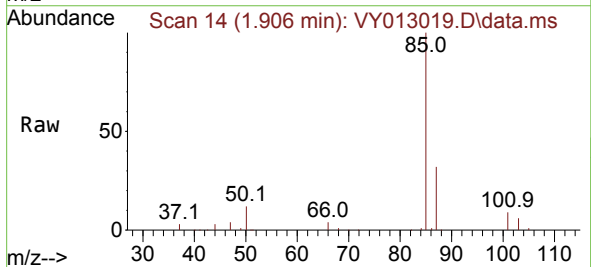
Instrument :
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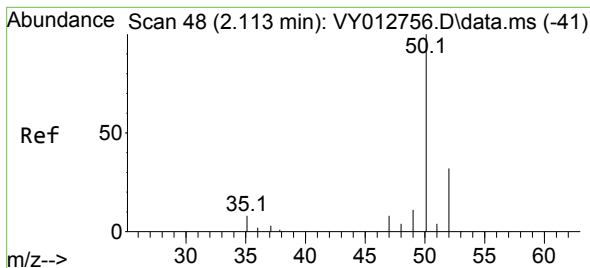
Tgt Ion:168 Resp: 113150
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 54.093 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 85 Resp: 60328
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0





#3

Chloromethane

Concen: 42.858 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

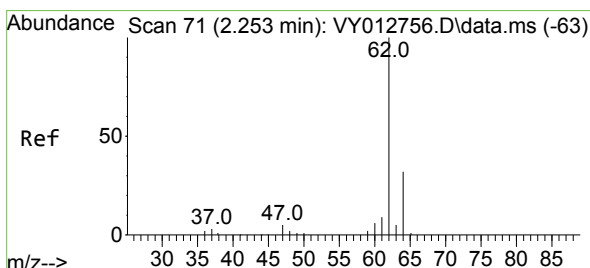
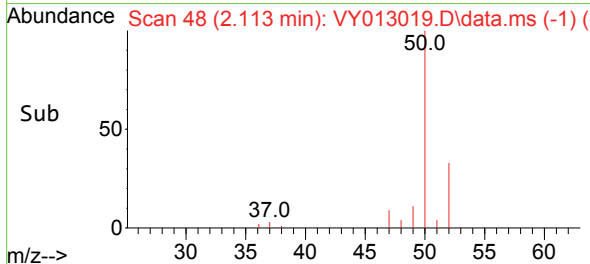
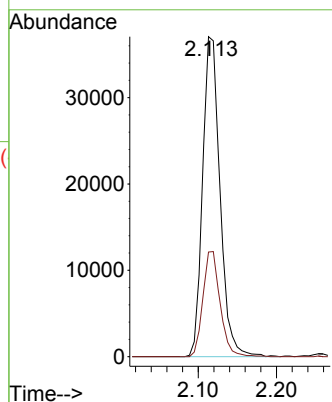
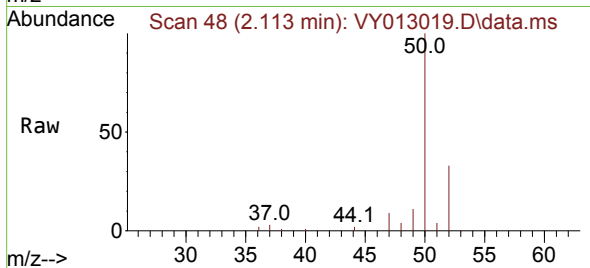
VSTDCCC050

Tgt Ion: 50 Resp: 57142

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 45.650 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013019.D

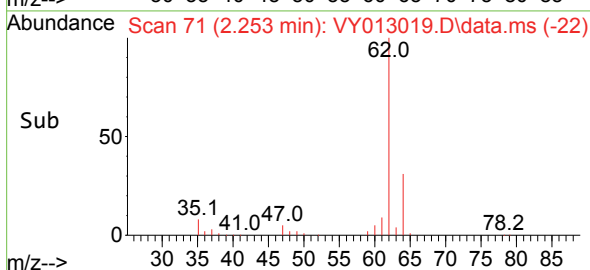
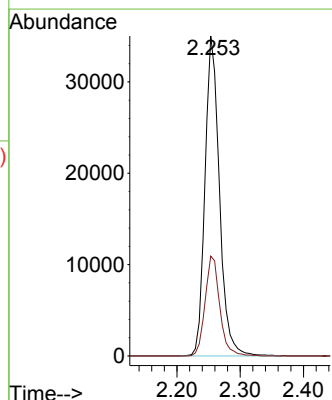
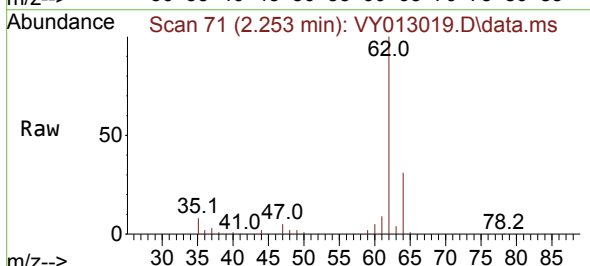
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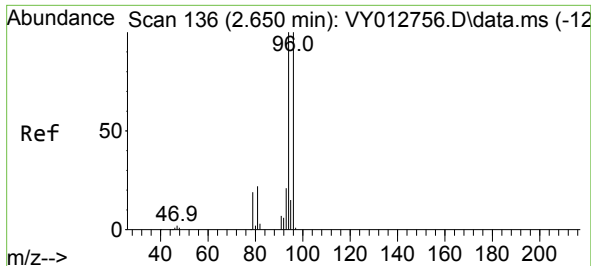
Tgt Ion: 62 Resp: 55813

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4

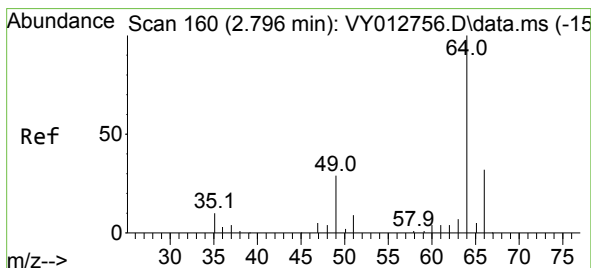
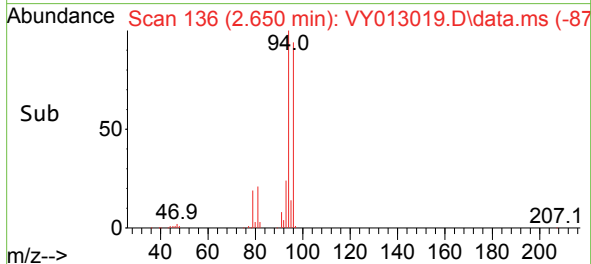
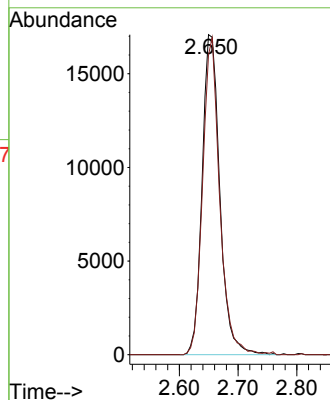
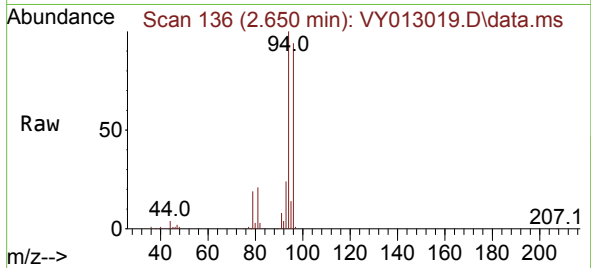




#5
Bromomethane
Concen: 48.224 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013019.D
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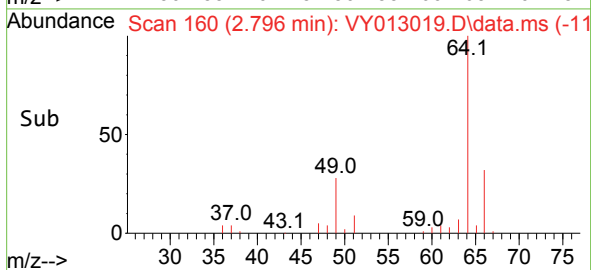
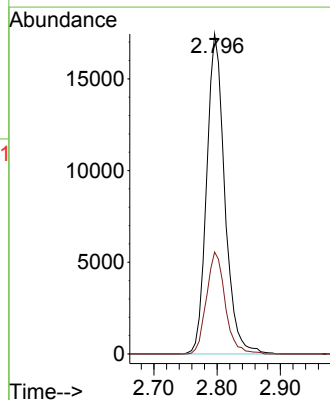
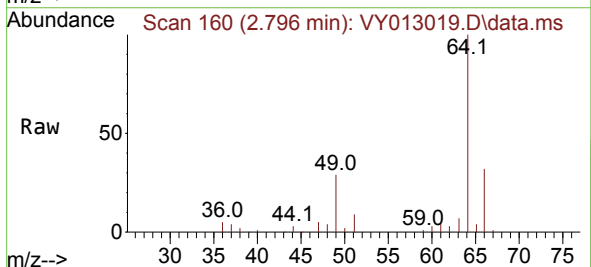
Instrument :
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ClientSampleId :
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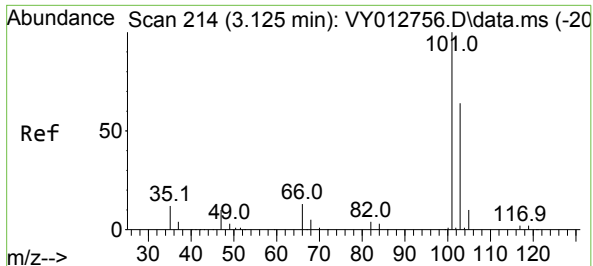
Tgt Ion: 94 Resp: 35826
Ion Ratio Lower Upper
94 100
96 93.7 80.3 120.5



#6
Chloroethane
Concen: 47.415 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 64 Resp: 34718
Ion Ratio Lower Upper
64 100
66 31.9 25.7 38.5

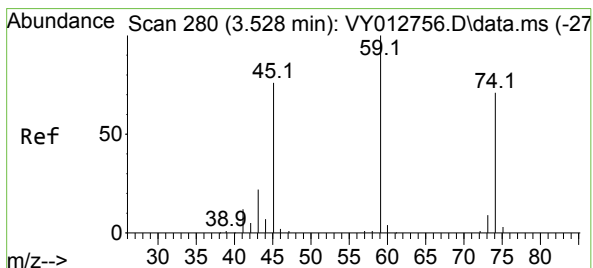
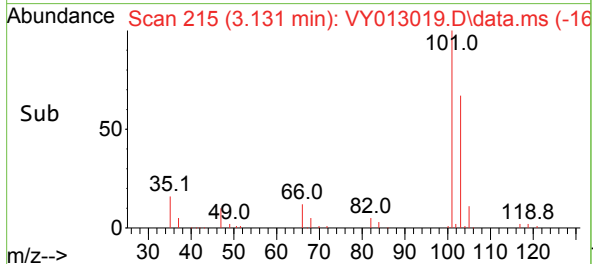
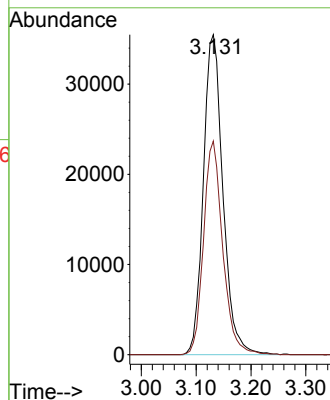
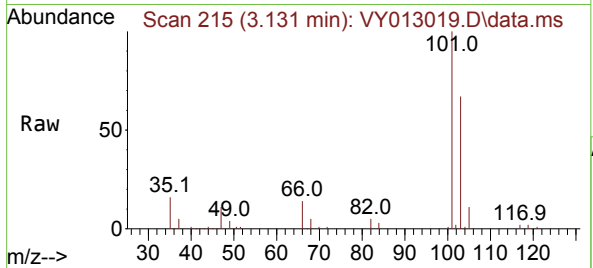




#7
 Trichlorofluoromethane
 Concen: 43.231 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013019.D
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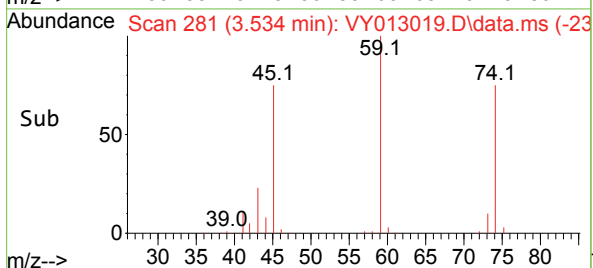
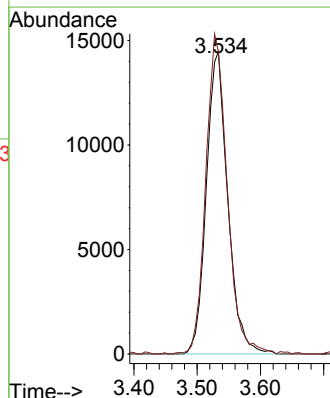
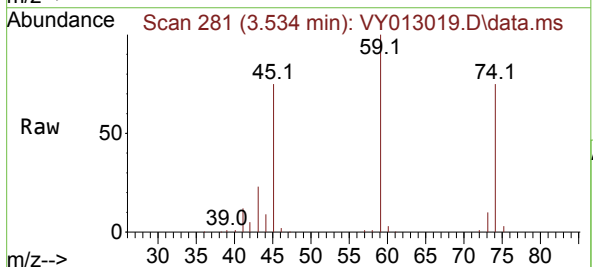
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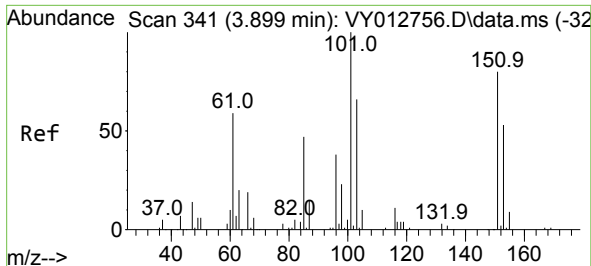
Tgt Ion:101 Resp: 87787
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.875 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY013019.D
 Acq: 21 Mar 2023 11:30

Tgt Ion: 74 Resp: 34068
 Ion Ratio Lower Upper
 74 100
 45 106.1 52.1 156.4

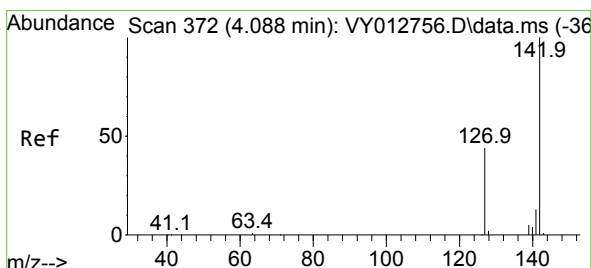
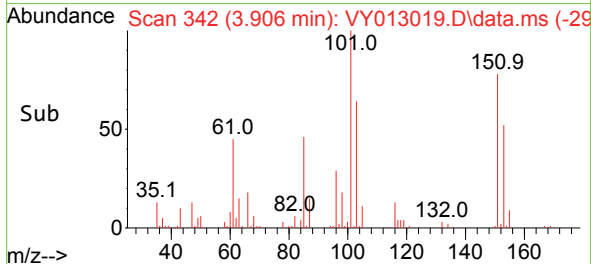
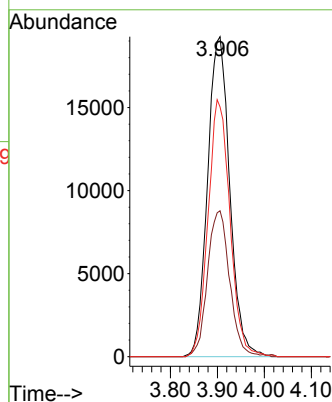
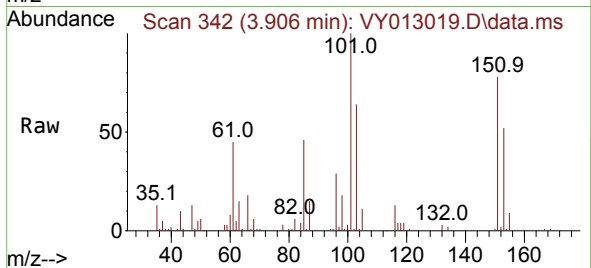




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.750 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

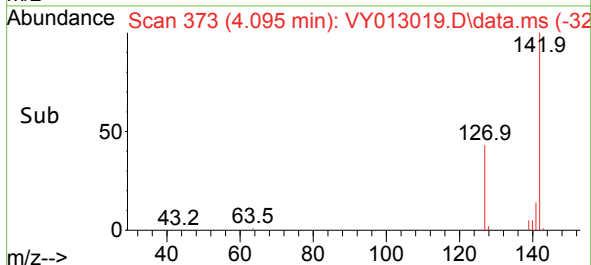
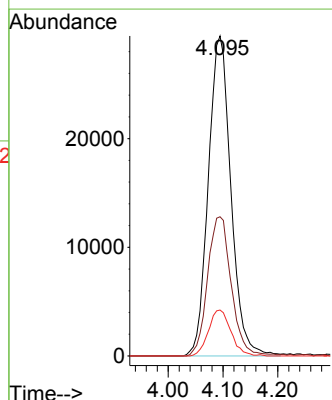
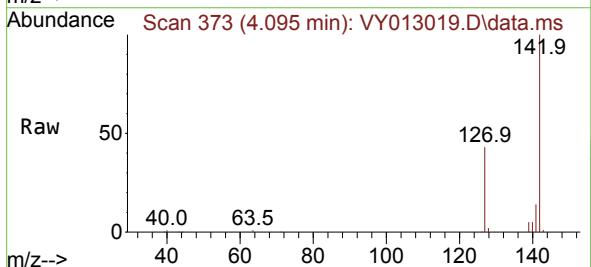
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ClientSampleId :
VSTDCCC050

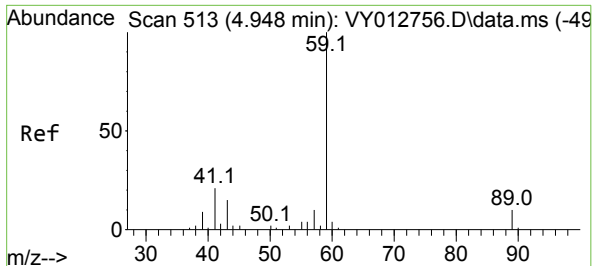
Tgt Ion:101 Resp: 63223
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 79.1 63.1 94.7



#10
Methyl Iodide
Concen: 52.908 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:142 Resp: 84221
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.2
141 14.3 11.3 16.9

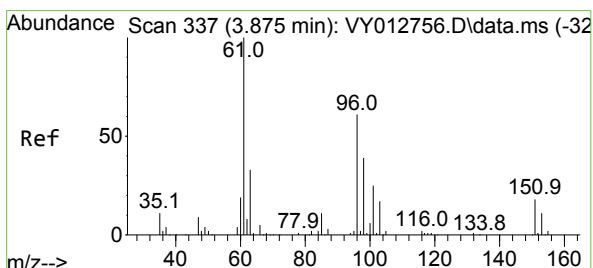
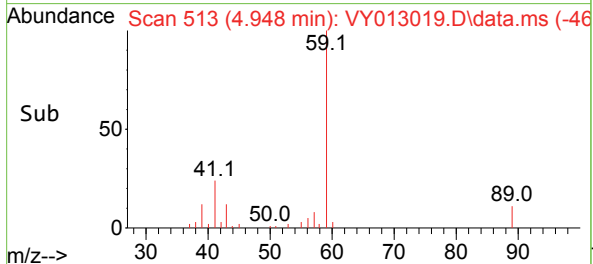
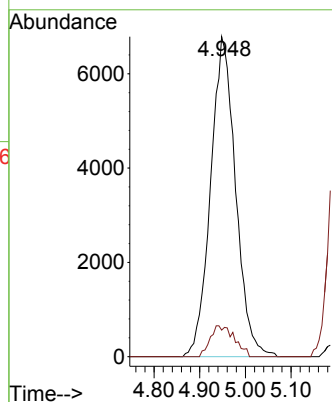
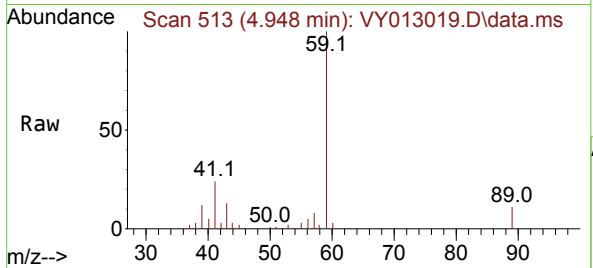




#11
Tert butyl alcohol
Concen: 195.467 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

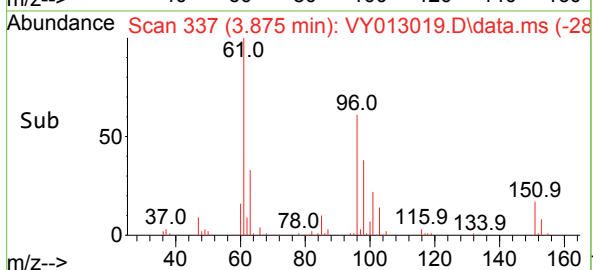
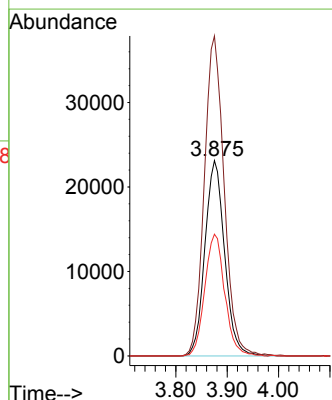
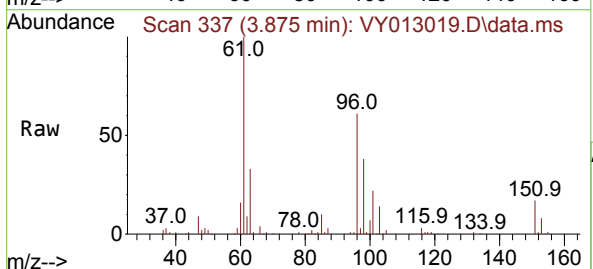
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

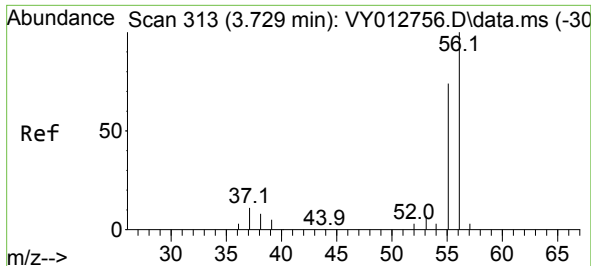
Tgt Ion: 59 Resp: 25822
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 52.859 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 96 Resp: 61591
Ion Ratio Lower Upper
96 100
61 163.8 131.7 197.5
98 62.3 52.0 78.0

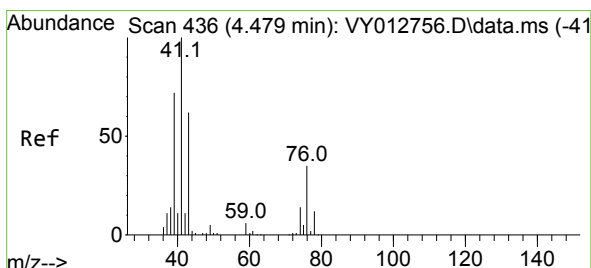
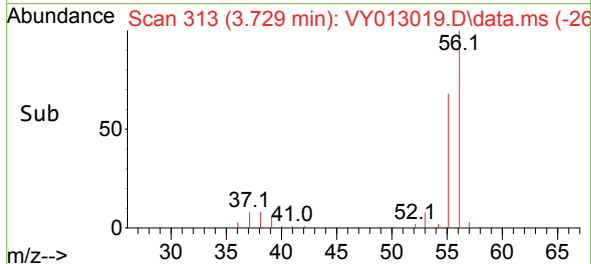
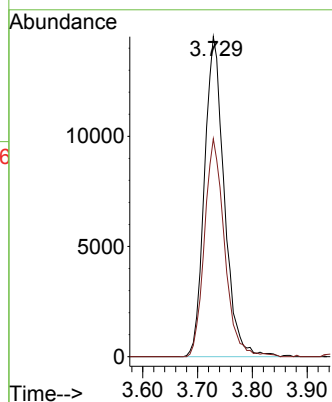
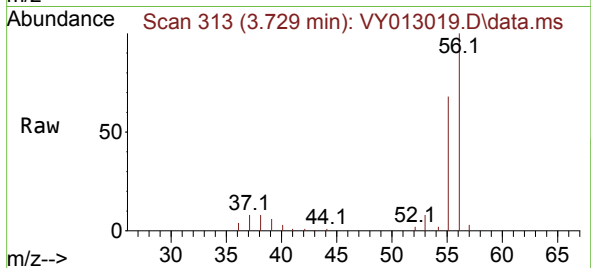




#13
Acrolein
Concen: 184.987 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

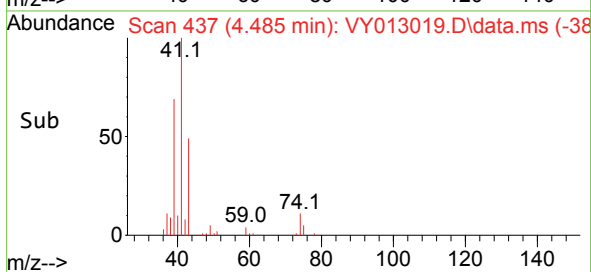
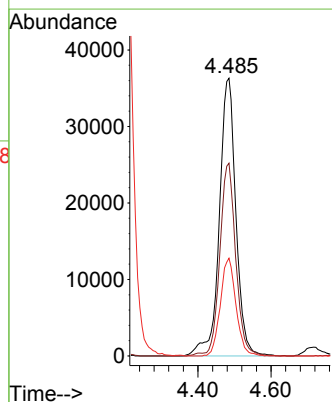
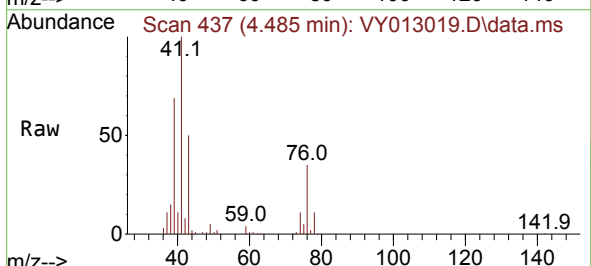
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

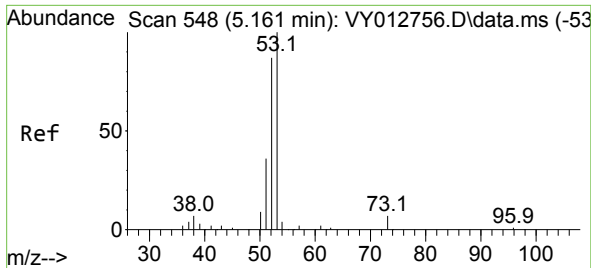
Tgt Ion: 56 Resp: 36410
Ion Ratio Lower Upper
56 100
55 69.1 56.8 85.2



#14
Allyl chloride
Concen: 53.265 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 41 Resp: 114644
Ion Ratio Lower Upper
41 100
39 66.8 53.6 80.4
76 33.2 27.2 40.8

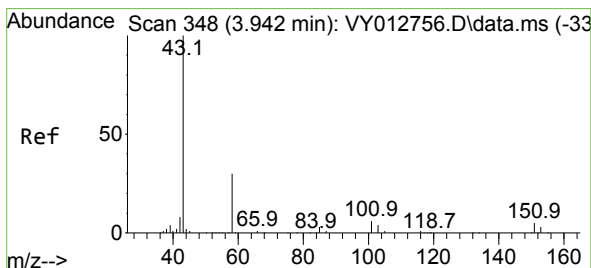
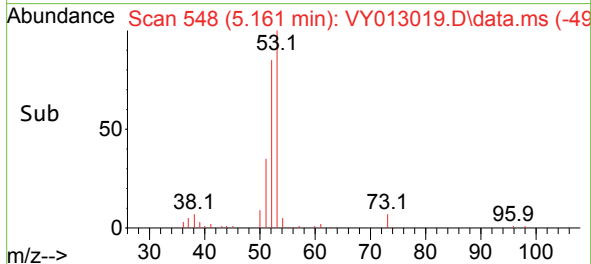
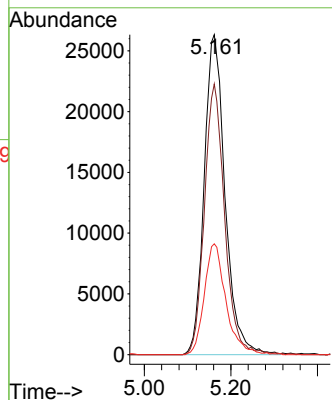
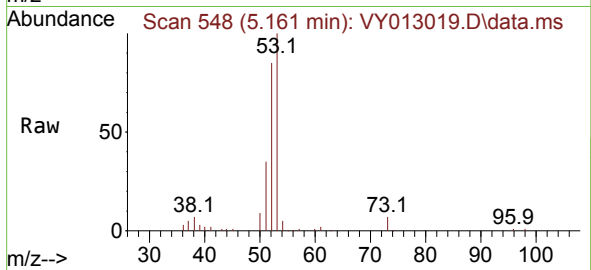




#15
Acrylonitrile
Concen: 235.300 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

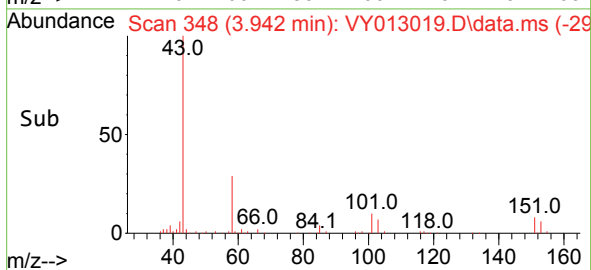
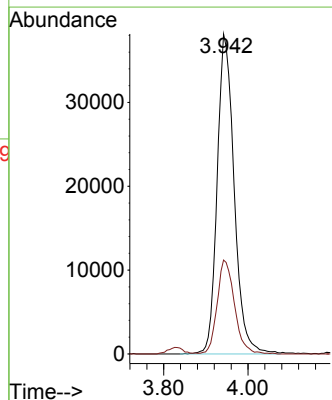
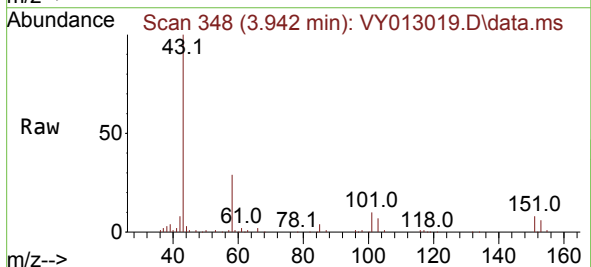
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

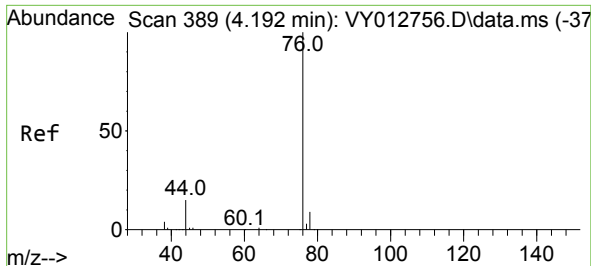
Tgt Ion: 53 Resp: 88224
Ion Ratio Lower Upper
53 100
52 82.1 66.3 99.5
51 35.9 28.8 43.2



#16
Acetone
Concen: 241.460 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 43 Resp: 106473
Ion Ratio Lower Upper
43 100
58 29.4 24.2 36.2

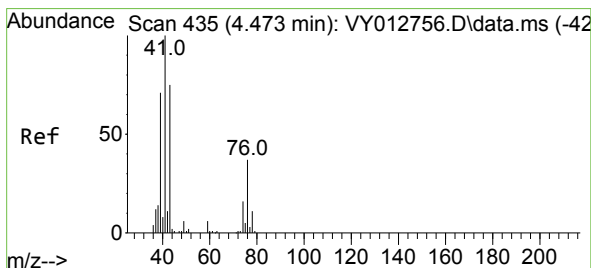
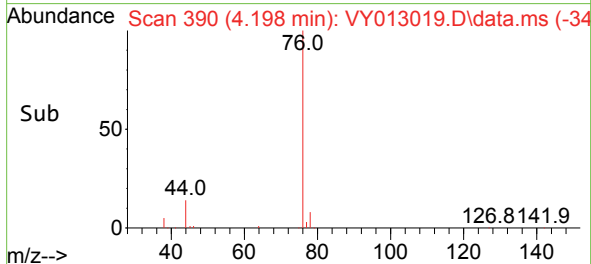
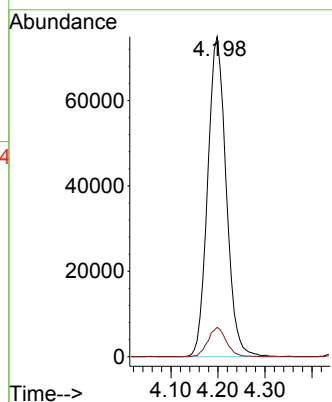
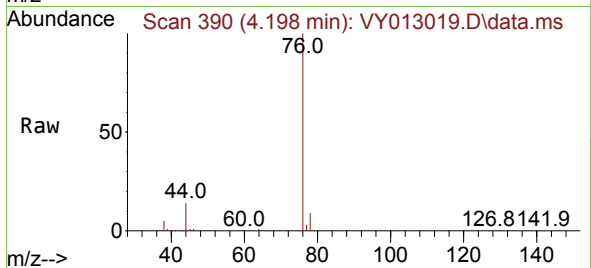




#17
Carbon Disulfide
Concen: 51.621 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

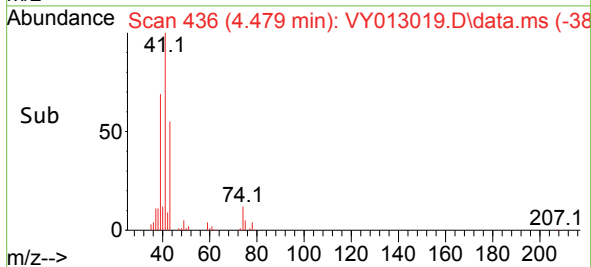
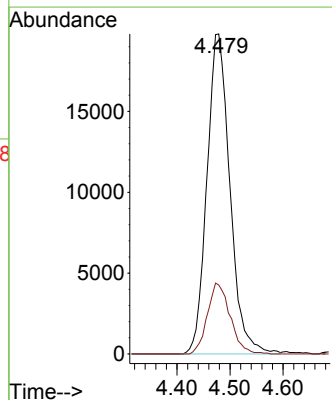
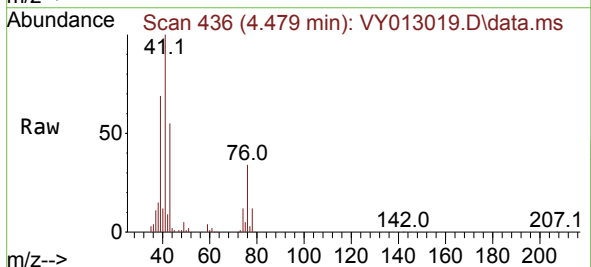
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

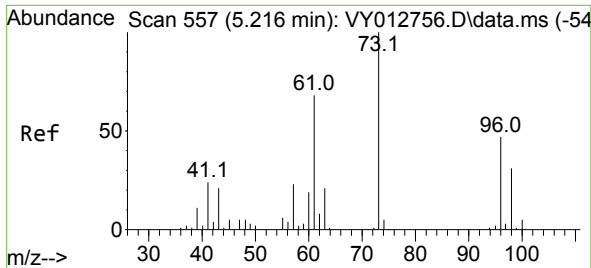
Tgt Ion: 76 Resp: 204736
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 45.378 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 43 Resp: 59588
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0

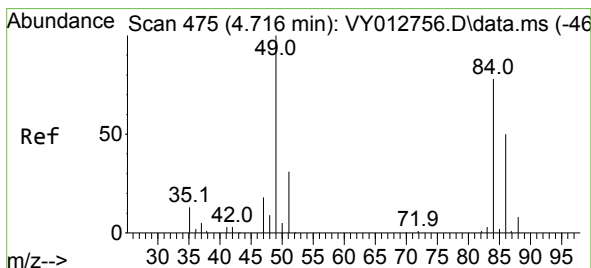
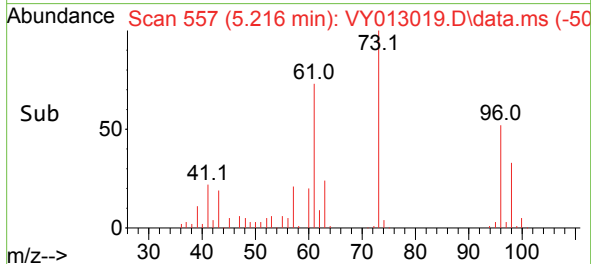
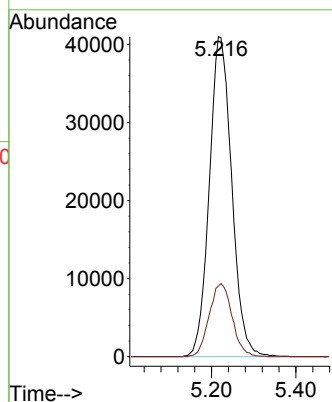
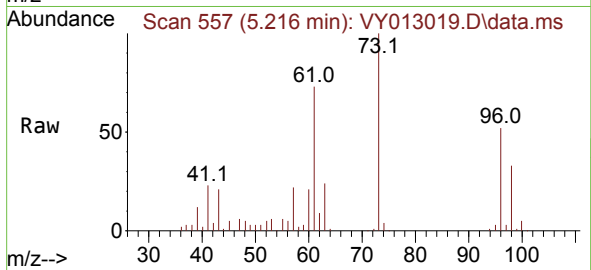




#19
Methyl tert-butyl Ether
Concen: 50.232 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

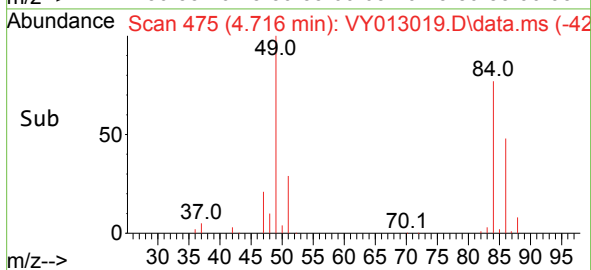
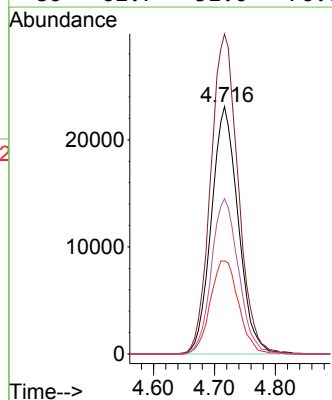
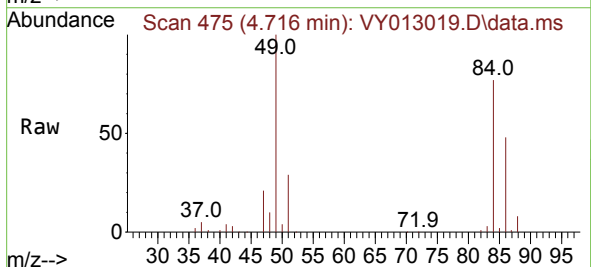
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

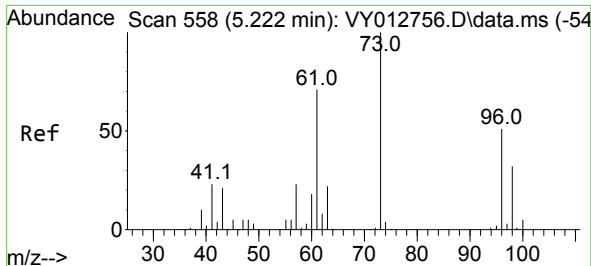
Tgt Ion: 73 Resp: 151179
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 52.964 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 84 Resp: 70839
Ion Ratio Lower Upper
84 100
49 129.1 102.6 154.0
51 37.6 31.9 47.9
86 62.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 53.976 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

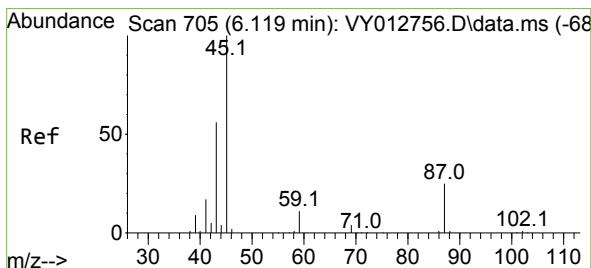
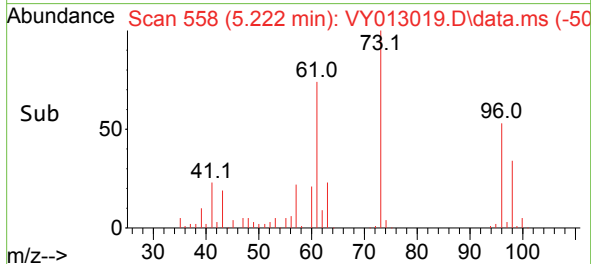
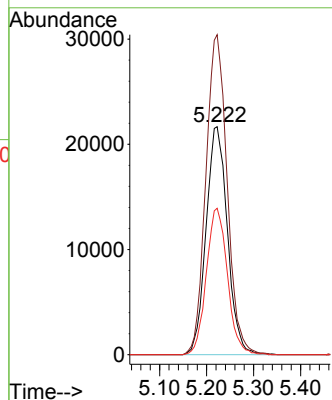
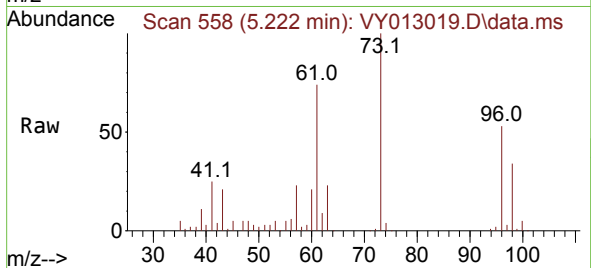
Tgt Ion: 96 Resp: 68345

Ion Ratio Lower Upper

96 100

61 140.4 111.4 167.0

98 64.2 50.8 76.2



#22

Diisopropyl ether

Concen: 54.298 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Tgt Ion: 45 Resp: 212267

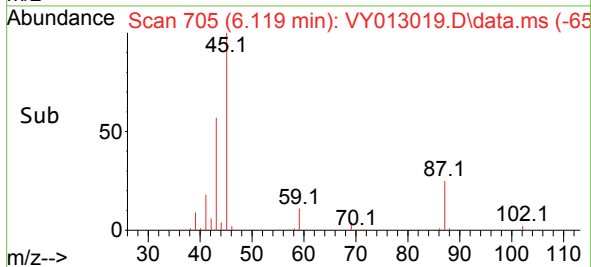
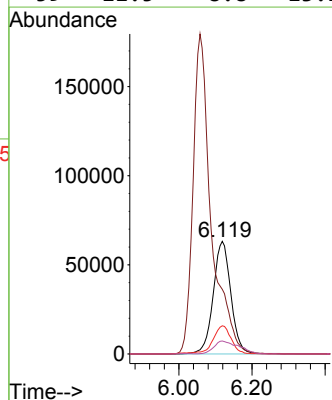
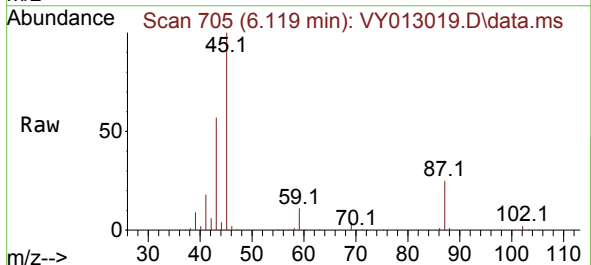
Ion Ratio Lower Upper

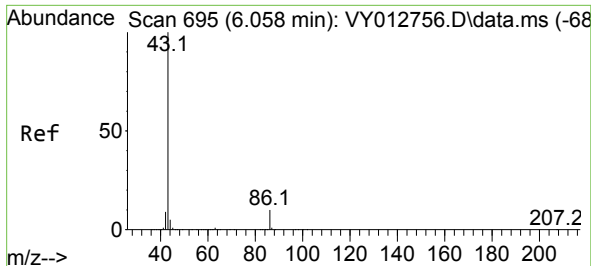
45 100

43 57.0 45.0 67.6

87 25.0 20.3 30.5

59 11.5 8.8 13.2

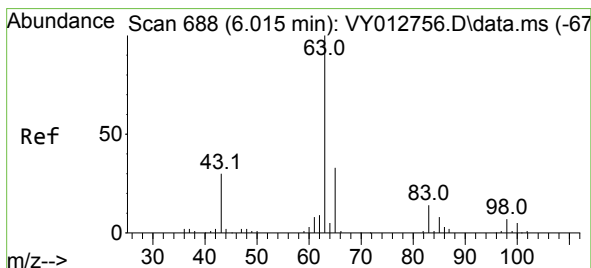
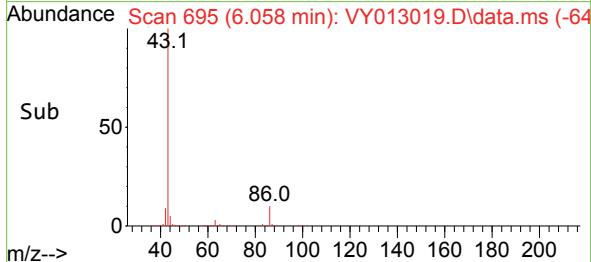
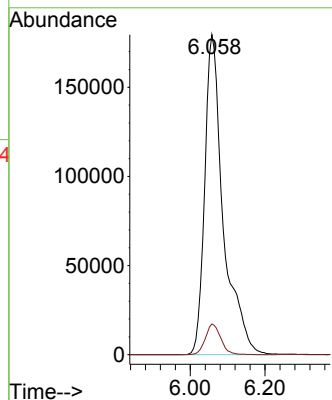
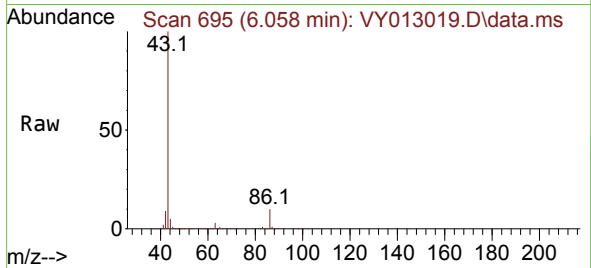




#23
 Vinyl Acetate
 Concen: 255.304 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013019.D
 Acq: 21 Mar 2023 11:30

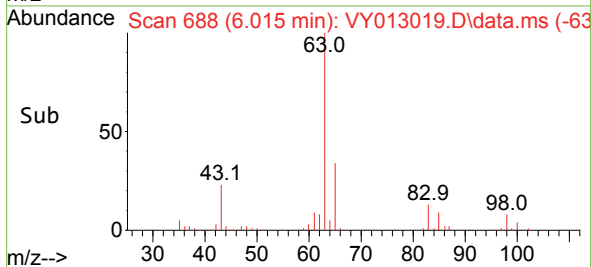
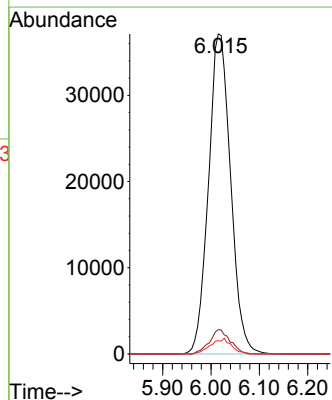
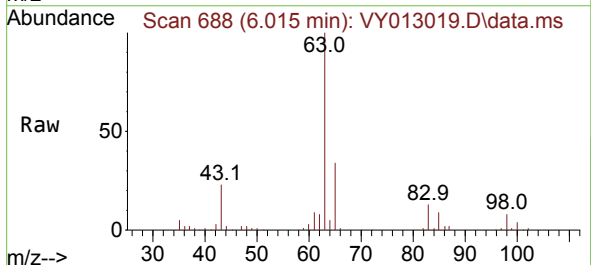
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

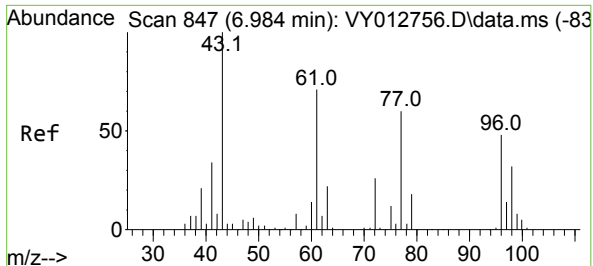
Tgt Ion: 43 Resp: 620130
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.967 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013019.D
 Acq: 21 Mar 2023 11:30

Tgt Ion: 63 Resp: 117990
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 232.719 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

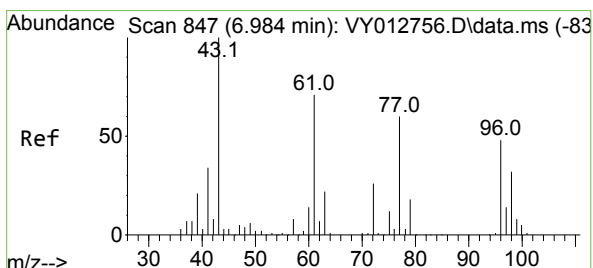
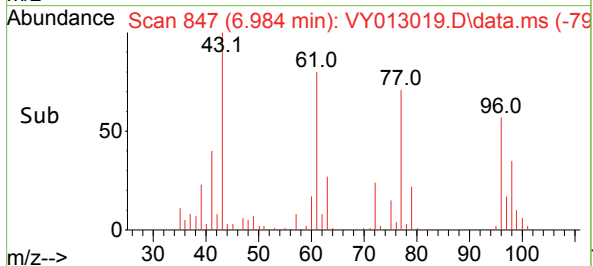
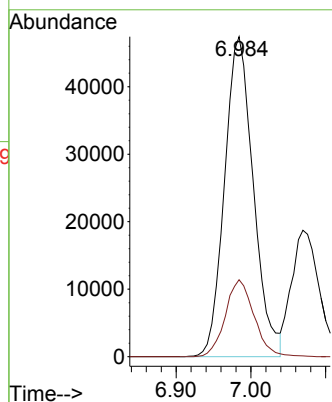
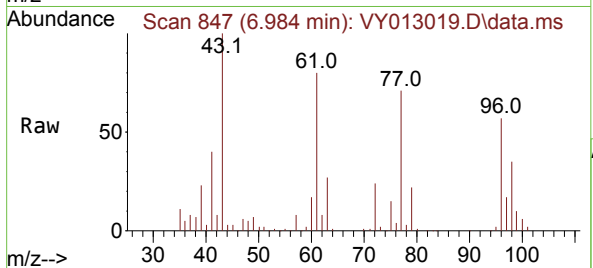
VSTDCCC050

Tgt Ion: 43 Resp: 127102

Ion Ratio Lower Upper

43 100

72 24.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 52.750 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013019.D

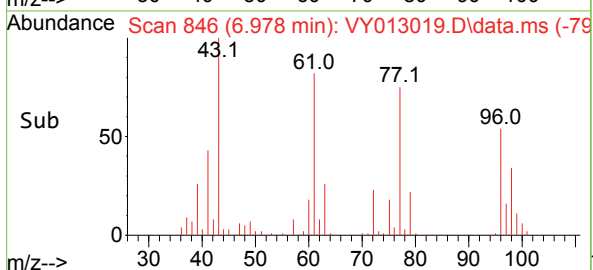
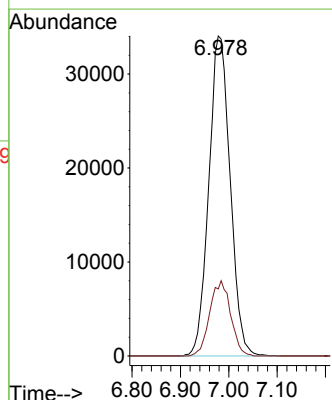
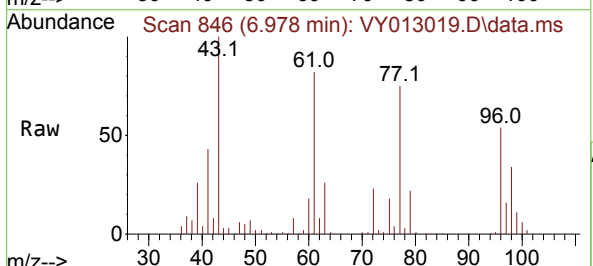
Acq: 21 Mar 2023 11:30

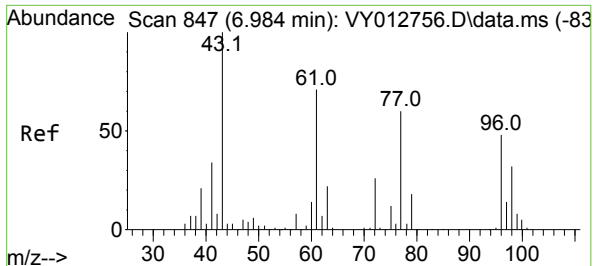
Tgt Ion: 77 Resp: 104366

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0

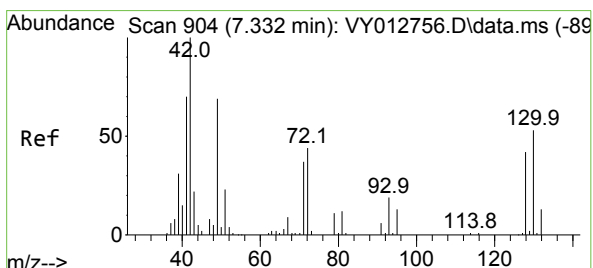
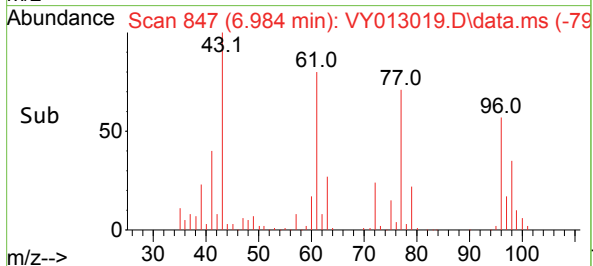
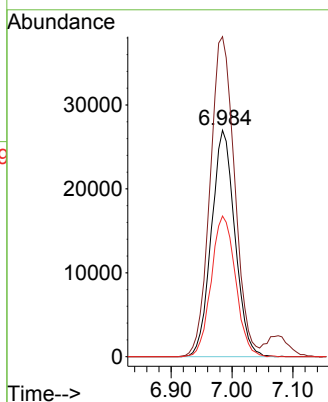
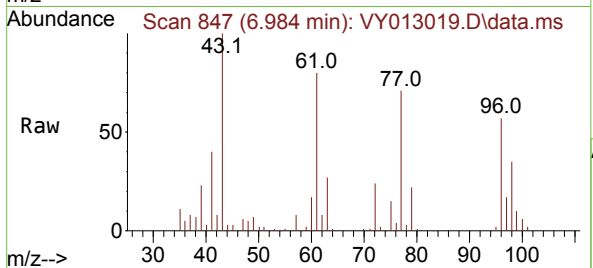




#27
cis-1,2-Dichloroethene
Concen: 53.242 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

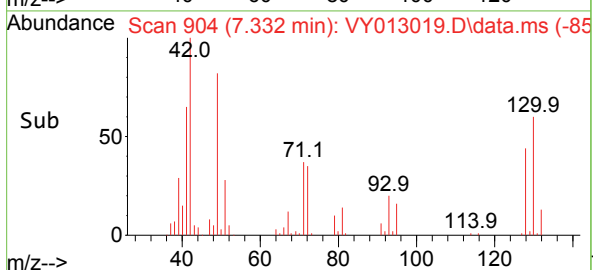
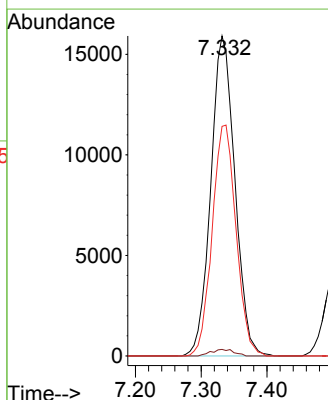
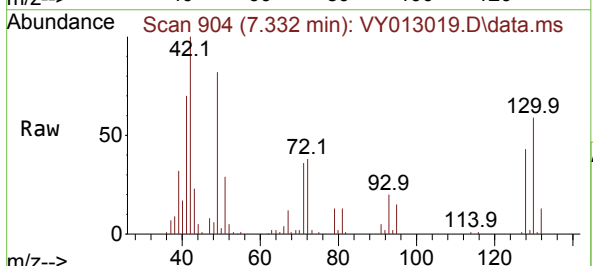
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

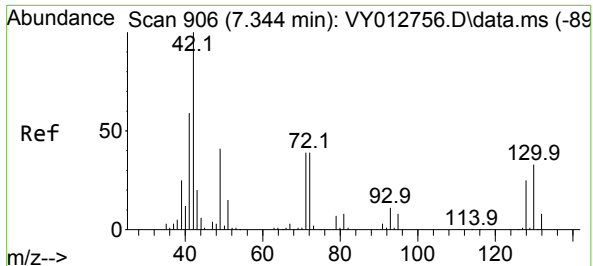
Tgt Ion: 96 Resp: 72278
Ion Ratio Lower Upper
96 100
61 147.8 0.0 295.8
98 64.2 0.0 130.2



#28
Bromochloromethane
Concen: 49.821 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 49 Resp: 40558
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 71.5 60.5 90.7





#29

Tetrahydrofuran

Concen: 225.148 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

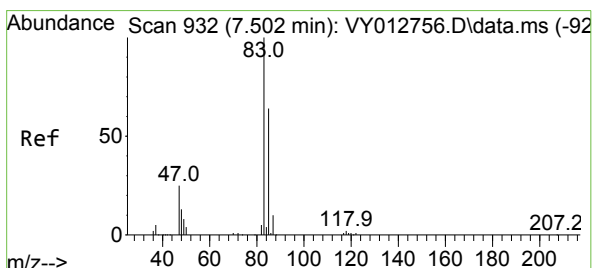
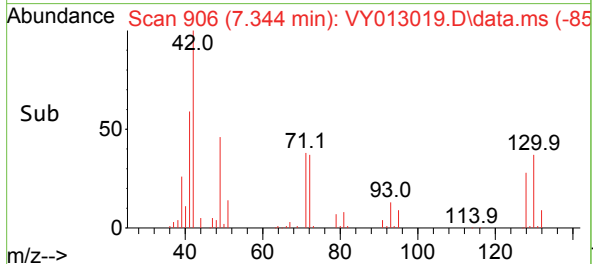
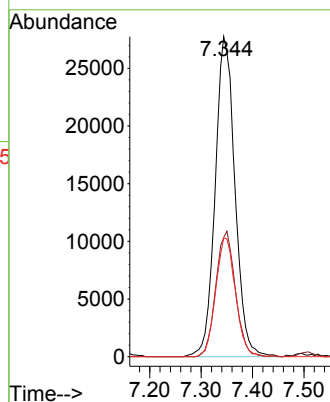
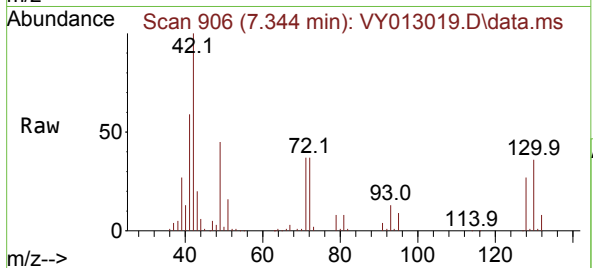
Tgt Ion: 42 Resp: 74164

Ion Ratio Lower Upper

42 100

72 38.8 32.3 48.5

71 37.1 30.3 45.5



#30

Chloroform

Concen: 53.046 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013019.D

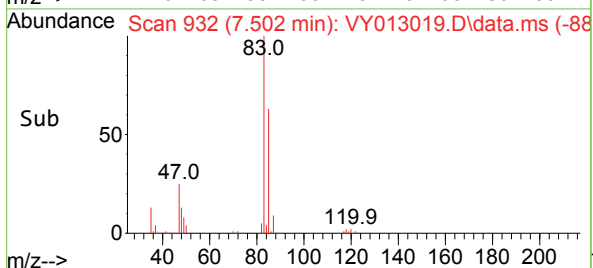
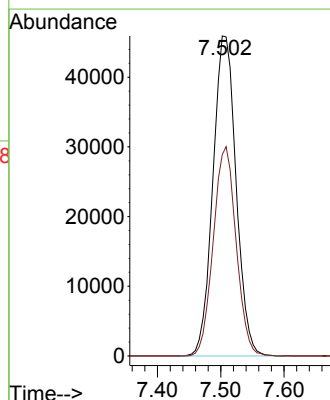
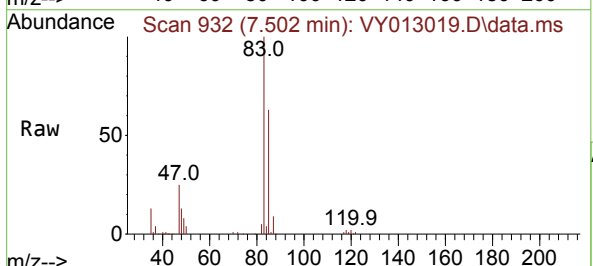
Acq: 21 Mar 2023 11:30

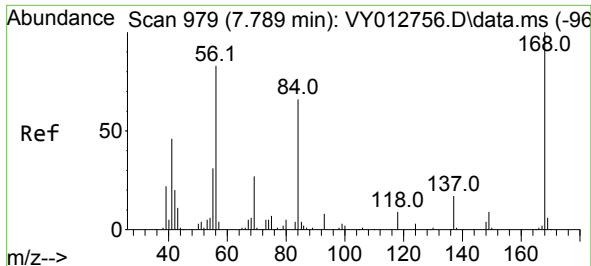
Tgt Ion: 83 Resp: 116719

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0





#31

Cyclohexane

Concen: 50.961 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

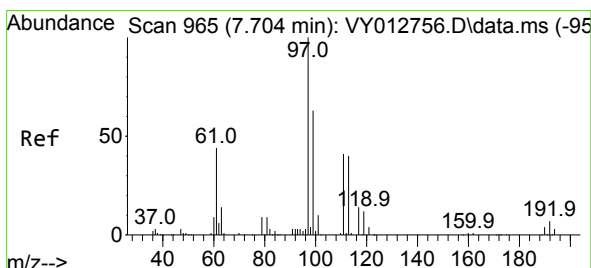
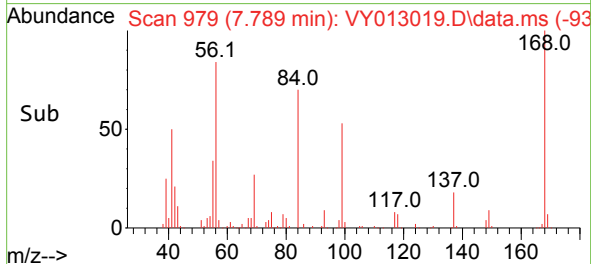
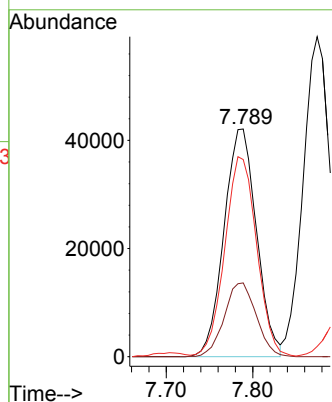
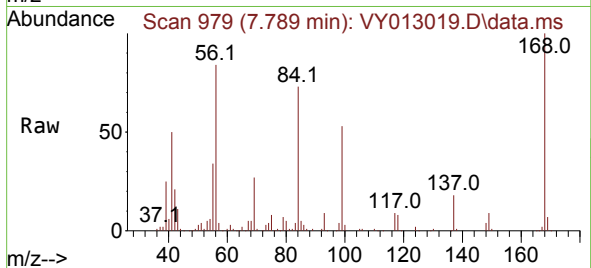
Tgt Ion: 56 Resp: 109647

Ion Ratio Lower Upper

56 100

69 32.4 25.7 38.5

84 85.2 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 52.944 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

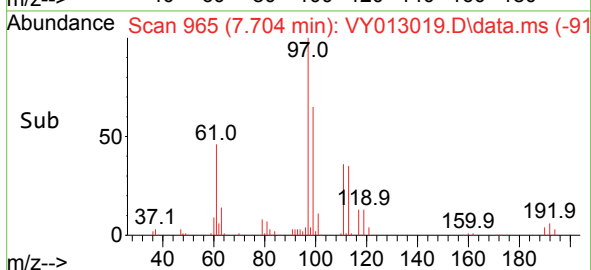
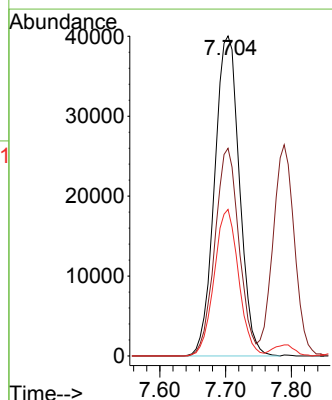
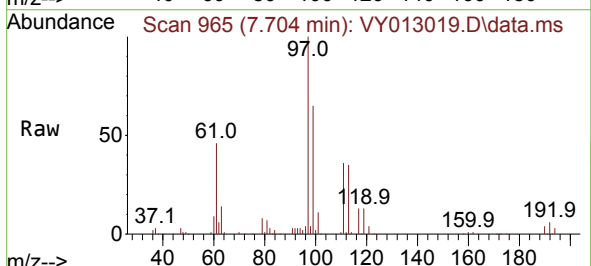
Tgt Ion: 97 Resp: 105351

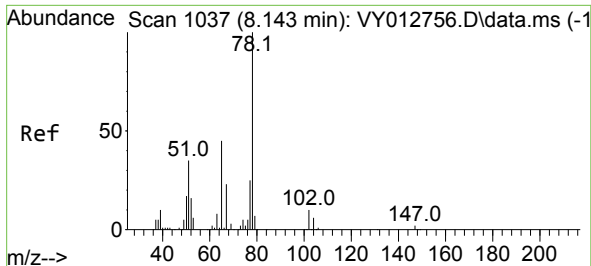
Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.6

61 45.0 34.5 51.7

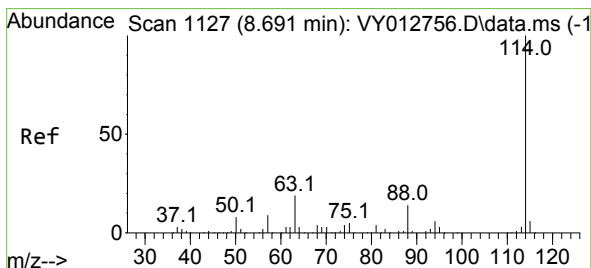
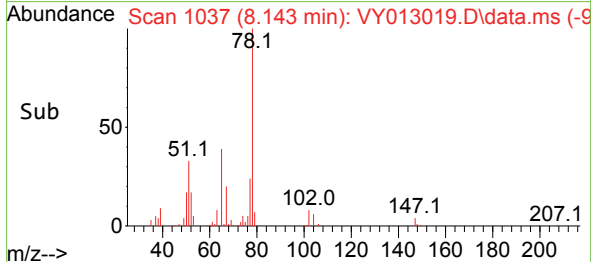
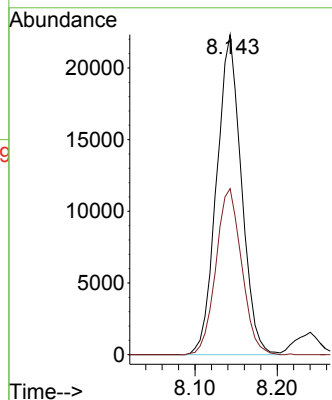
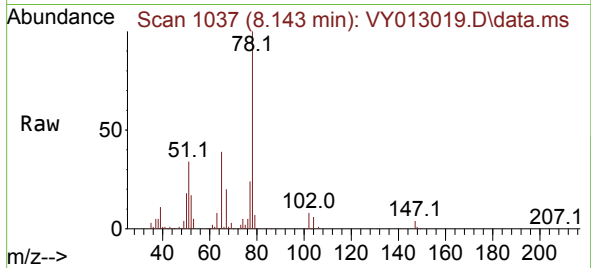




#33
1,2-Dichloroethane-d4
Concen: 41.709 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

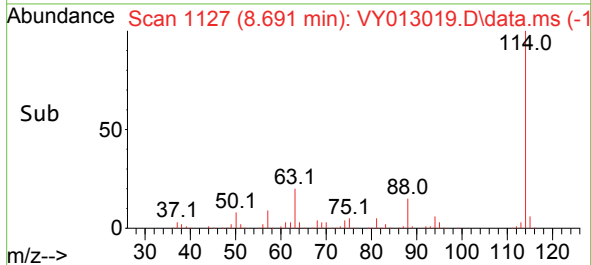
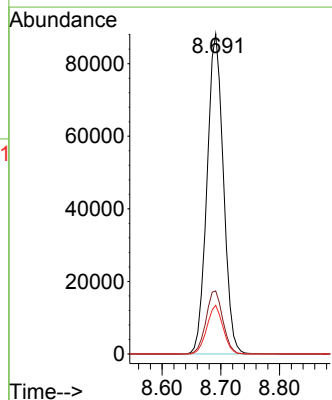
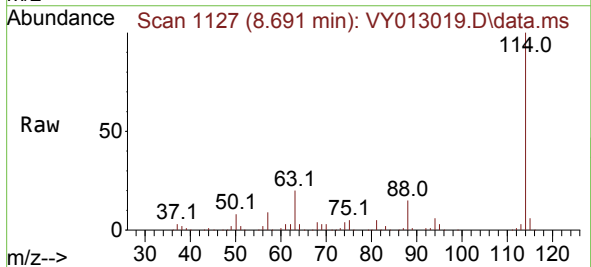
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

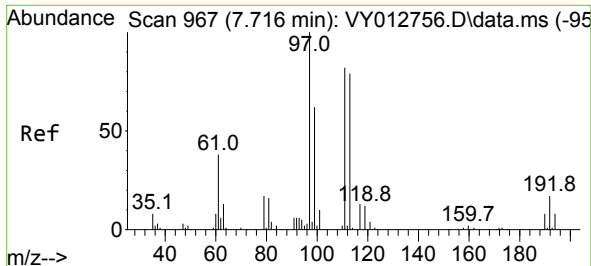
Tgt Ion: 65 Resp: 46857
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:114 Resp: 170623
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 15.2 0.0 28.6

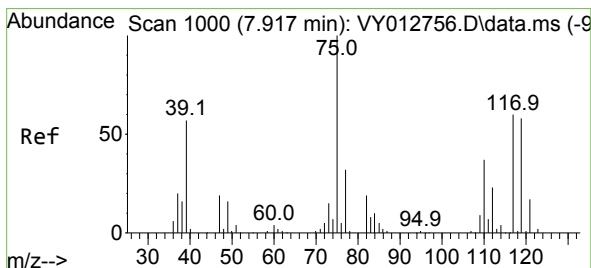
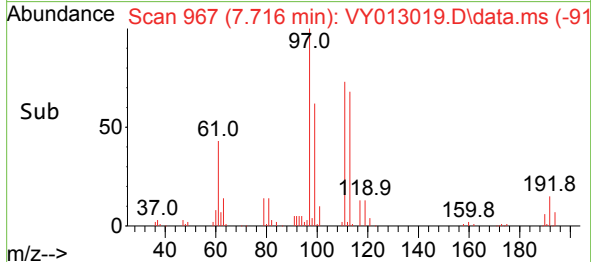
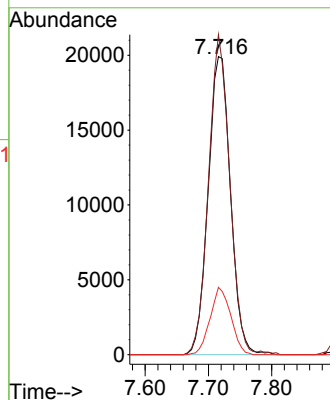
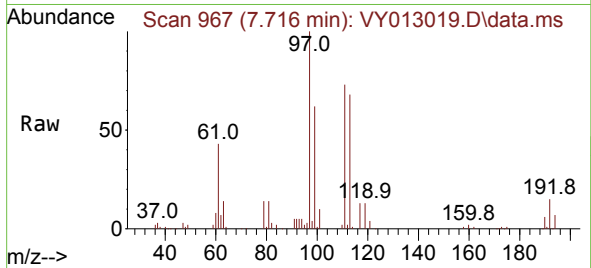




#35
Dibromofluoromethane
Concen: 47.526 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

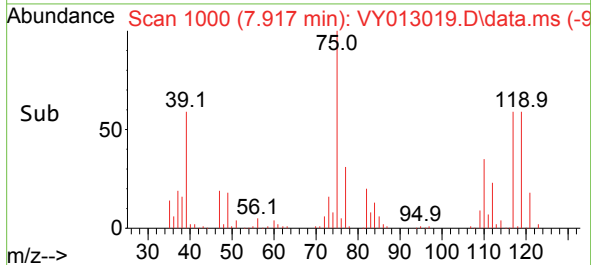
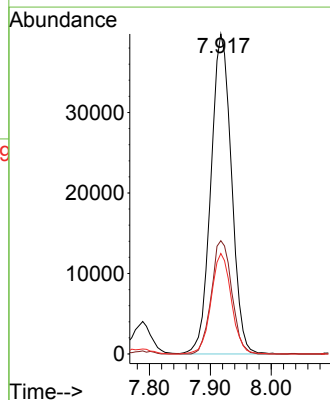
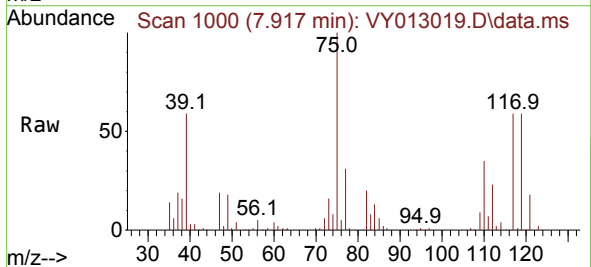
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

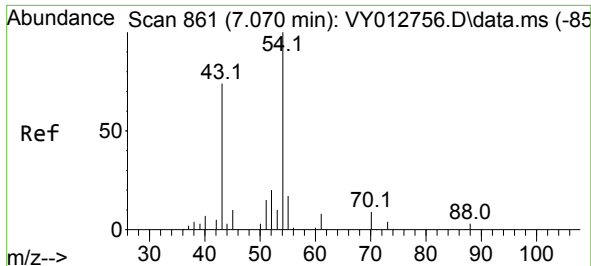
Tgt Ion:113 Resp: 48938
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 54.110 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 75 Resp: 93371
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 45.220 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

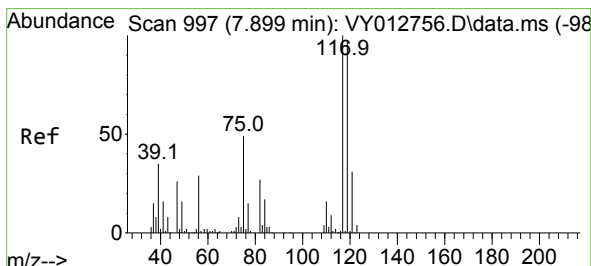
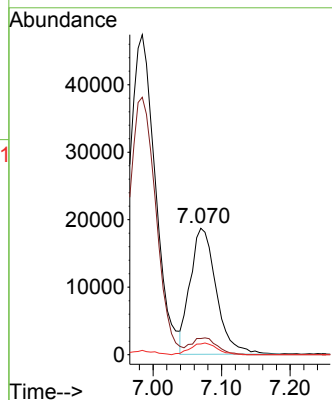
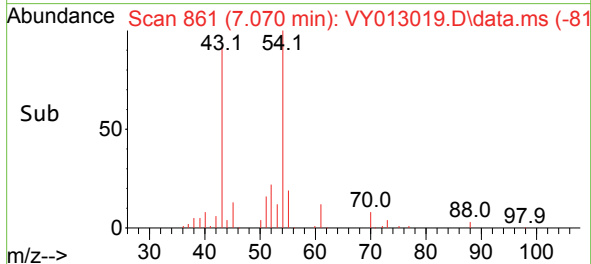
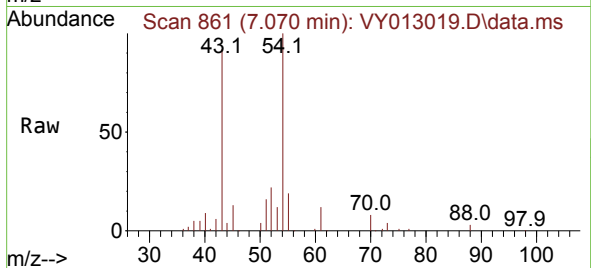
Tgt Ion: 43 Resp: 49181

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

70 9.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 54.163 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

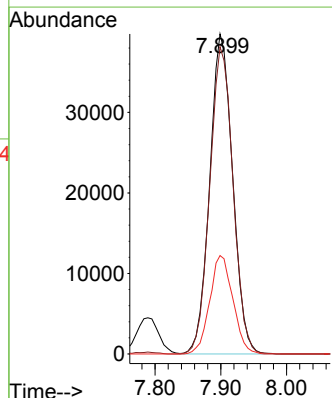
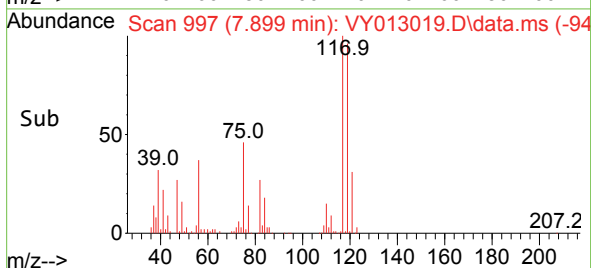
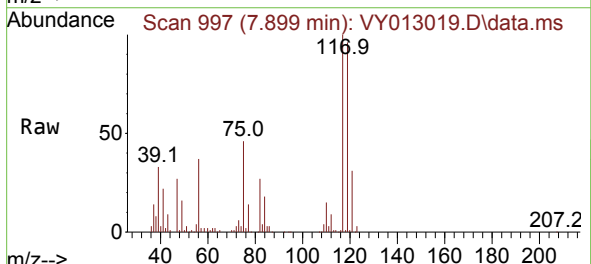
Tgt Ion: 117 Resp: 96515

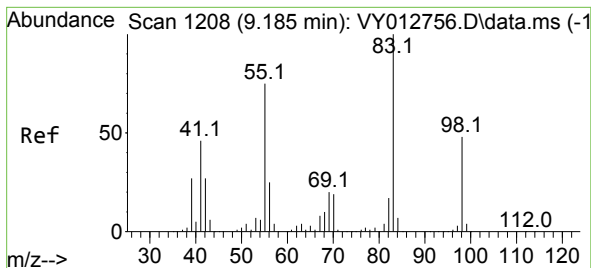
Ion Ratio Lower Upper

117 100

119 96.0 77.2 115.8

121 30.8 24.7 37.1





#39

Methylcyclohexane

Concen: 55.125 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

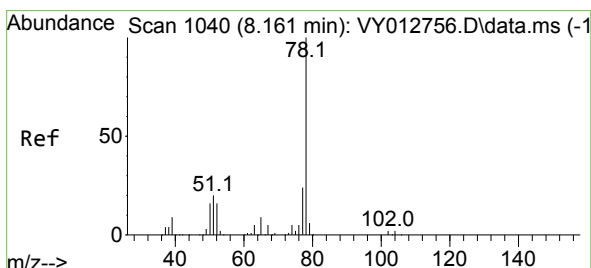
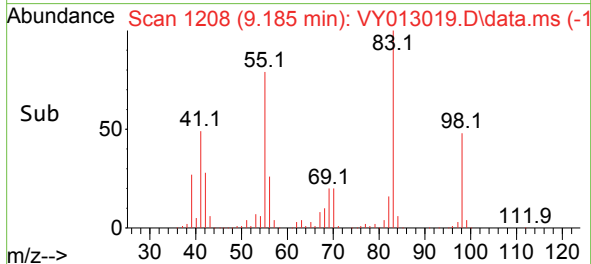
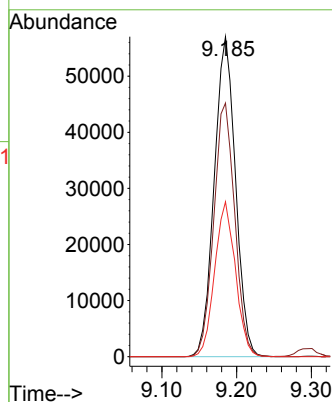
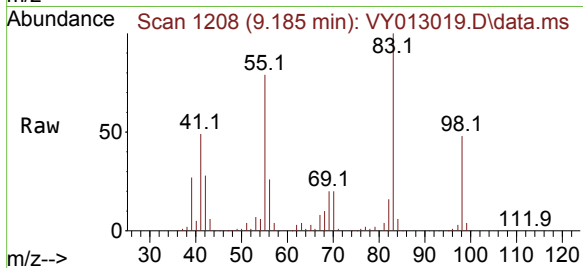
Tgt Ion: 83 Resp: 113087

Ion Ratio Lower Upper

83 100

55 79.2 60.0 90.0

98 48.4 38.3 57.5



#40

Benzene

Concen: 54.159 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013019.D

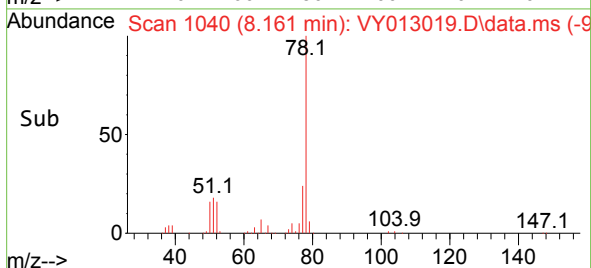
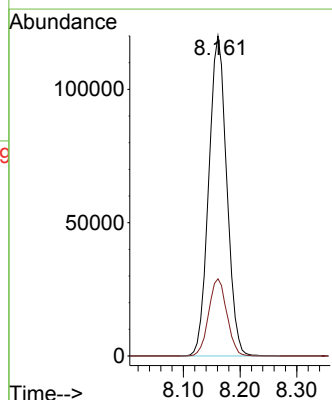
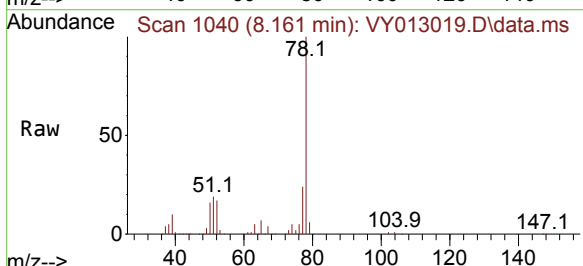
Acq: 21 Mar 2023 11:30

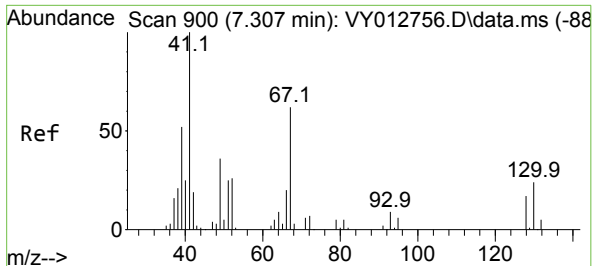
Tgt Ion: 78 Resp: 264357

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

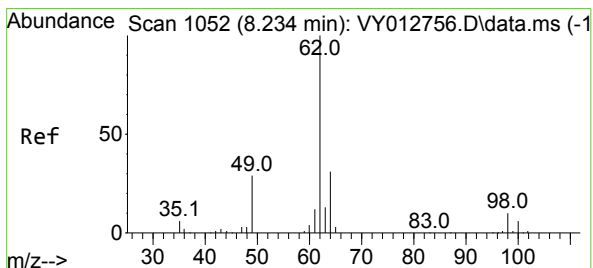
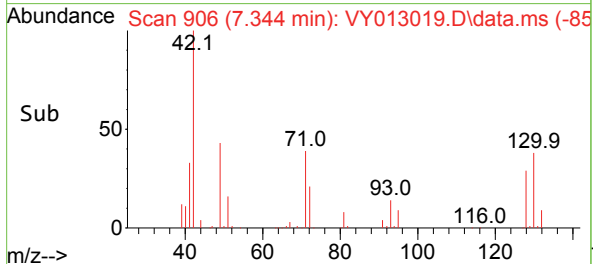
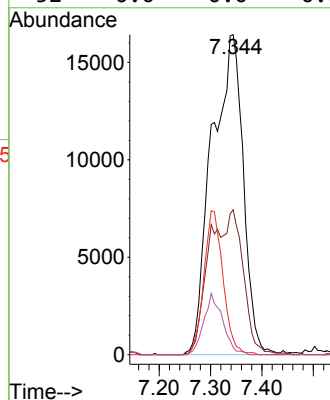
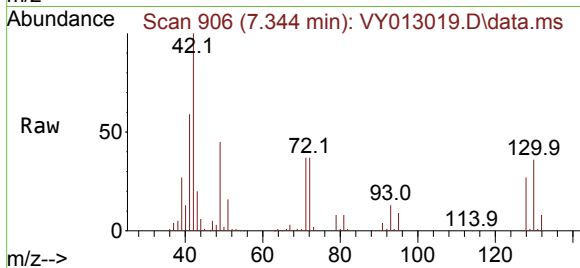




#41
Methacrylonitrile
Concen: 118.730 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

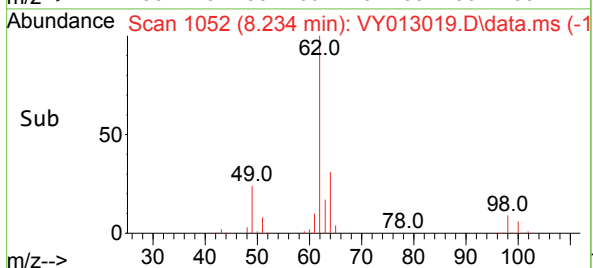
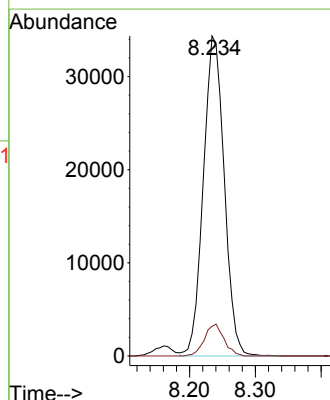
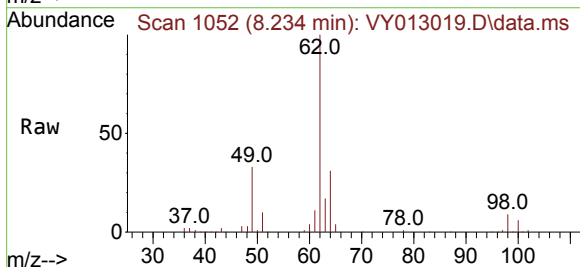
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

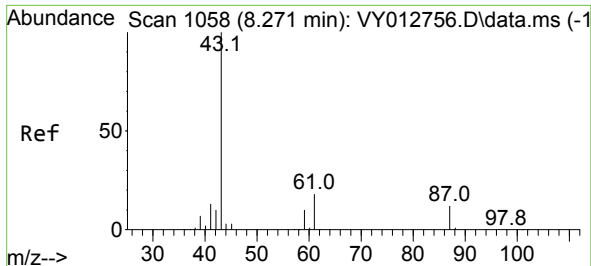
Tgt Ion:	41	Resp:	69572
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.809 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:	62	Resp:	76030
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

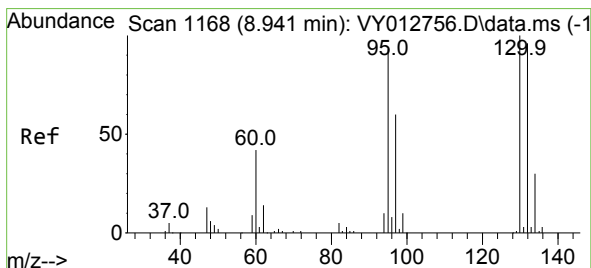
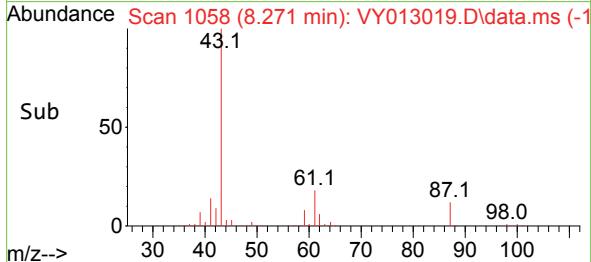
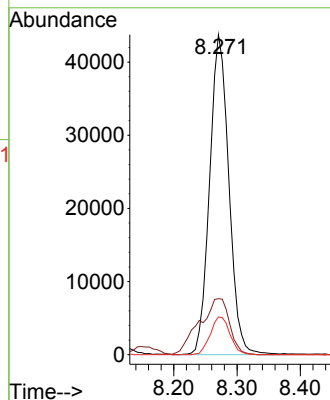
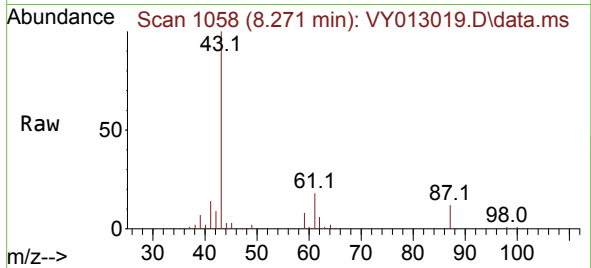




#43
Isopropyl Acetate
Concen: 47.635 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

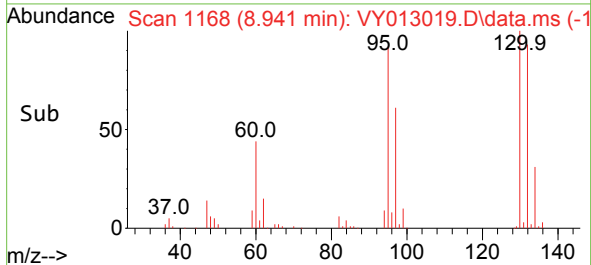
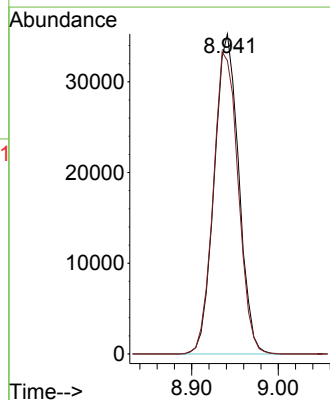
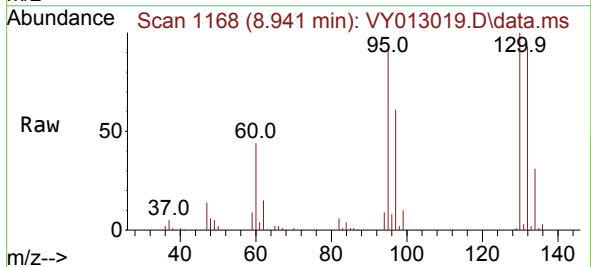
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

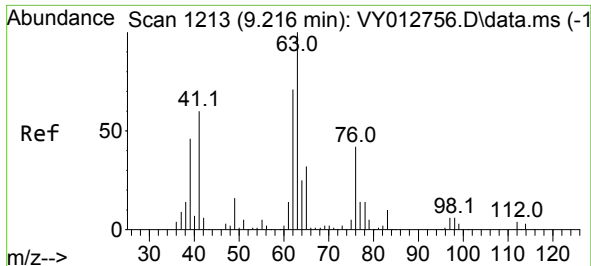
Tgt Ion: 43 Resp: 92431
Ion Ratio Lower Upper
43 100
61 27.3 21.6 32.4
87 12.1 9.9 14.9



#44
Trichloroethene
Concen: 53.681 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:130 Resp: 69084
Ion Ratio Lower Upper
130 100
95 91.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 53.644 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

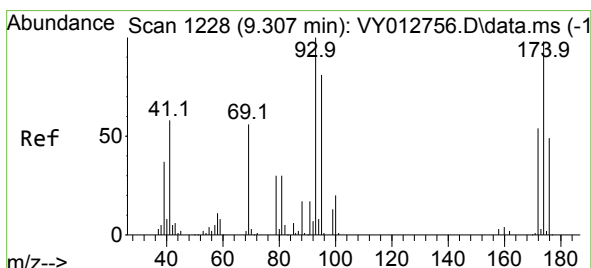
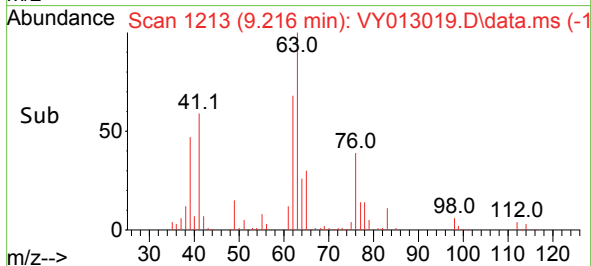
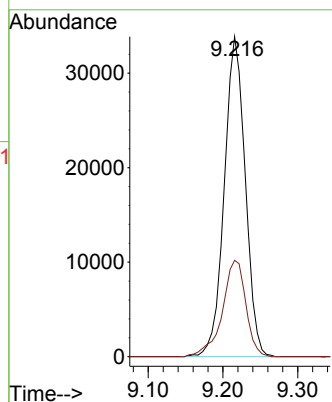
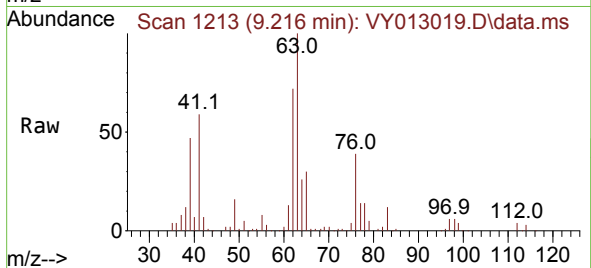
VSTDCCC050

Tgt Ion: 63 Resp: 66175

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#46

Dibromomethane

Concen: 51.209 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

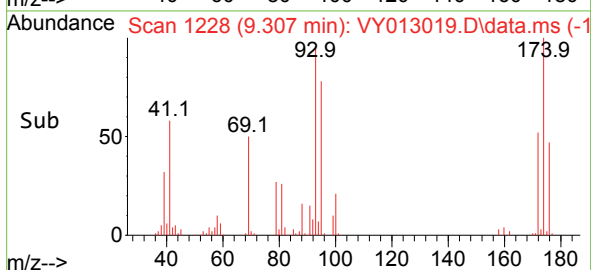
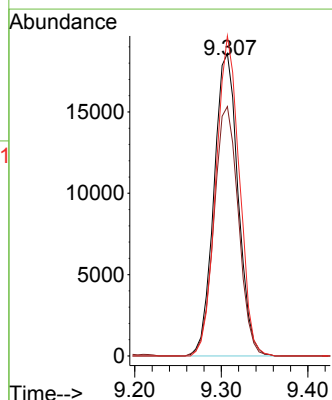
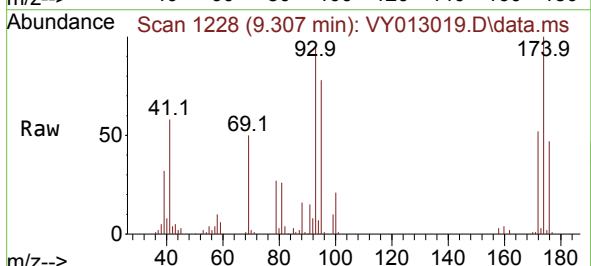
Tgt Ion: 93 Resp: 35989

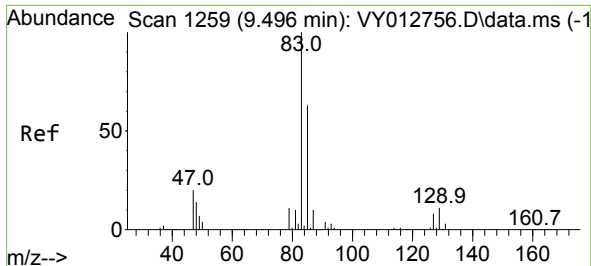
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 102.6 81.3 121.9

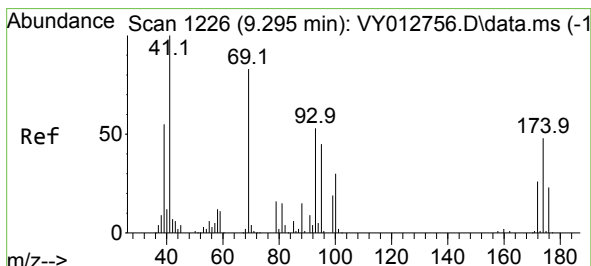
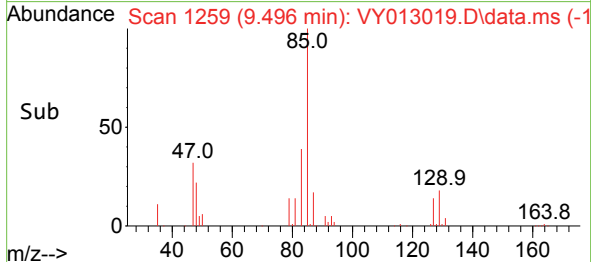
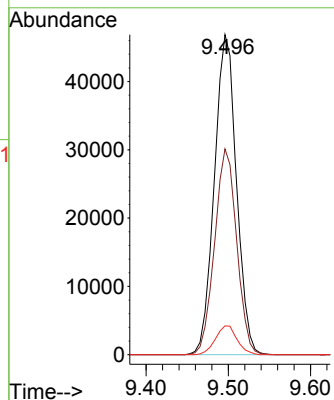
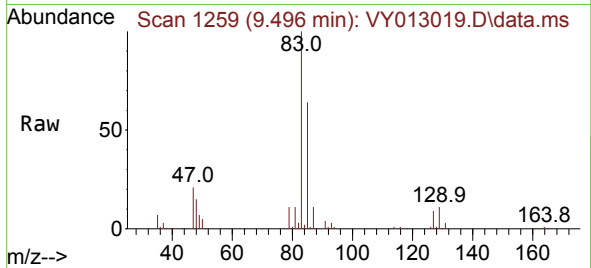




#47
Bromodichloromethane
Concen: 52.826 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

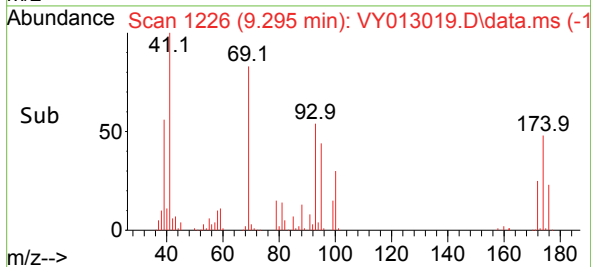
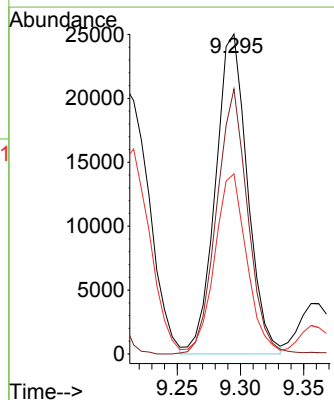
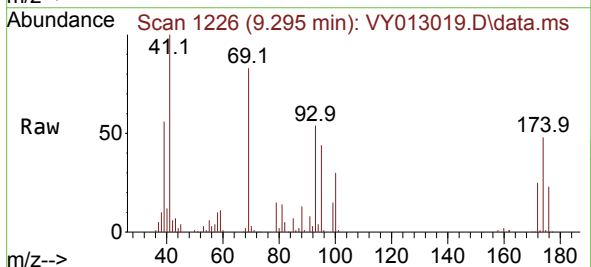
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

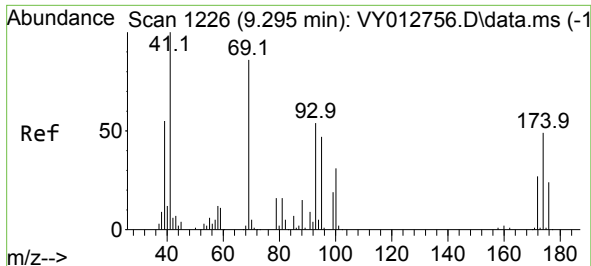
Tgt Ion: 83 Resp: 87486
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 49.324 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 41 Resp: 44100
Ion Ratio Lower Upper
41 100
69 80.8 64.1 96.1
39 53.9 44.0 66.0





#49

1,4-Dioxane

Concen: 935.147 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

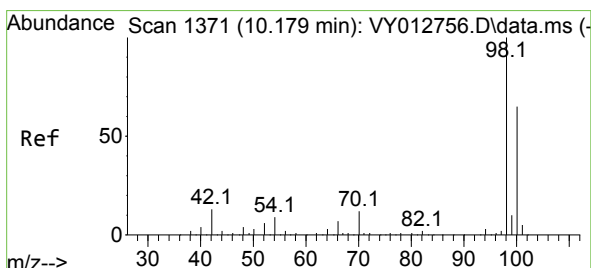
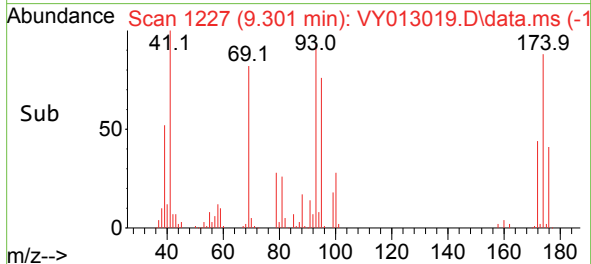
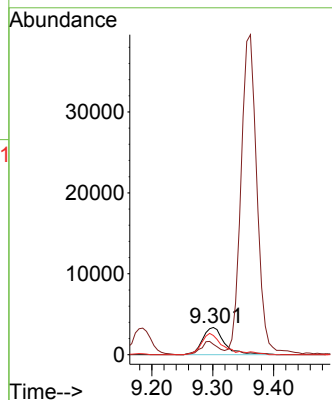
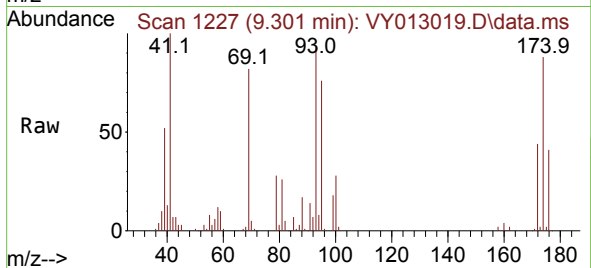
Tgt Ion: 88 Resp: 8496

Ion Ratio Lower Upper

88 100

43 37.1 28.6 42.8

58 78.2 55.2 82.8



#50

Toluene-d8

Concen: 42.597 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013019.D

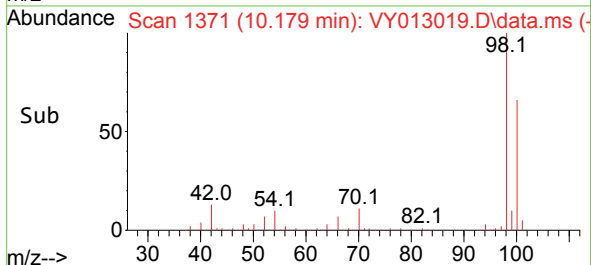
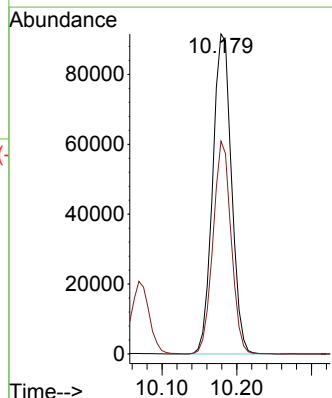
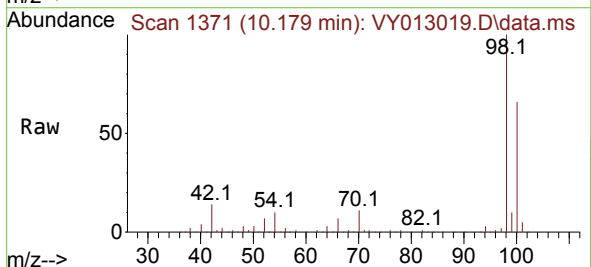
Acq: 21 Mar 2023 11:30

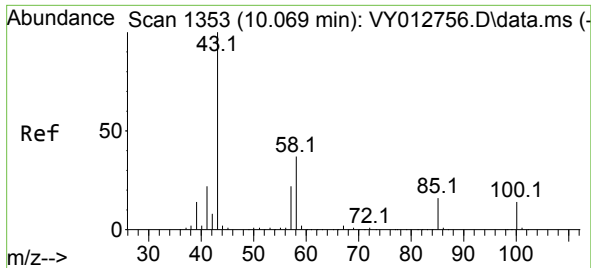
Tgt Ion: 98 Resp: 160352

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3

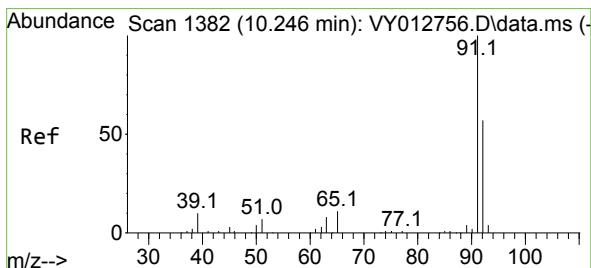
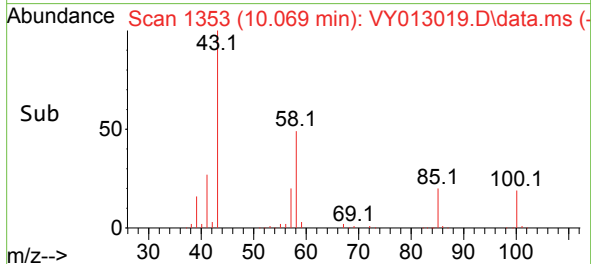
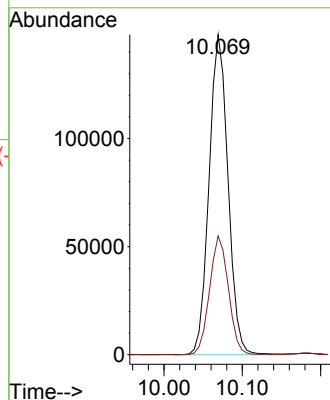
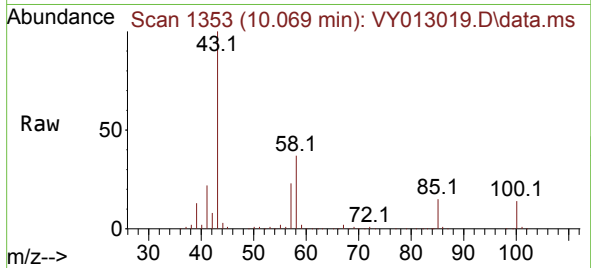




#51
4-Methyl-2-Pentanone
Concen: 236.157 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

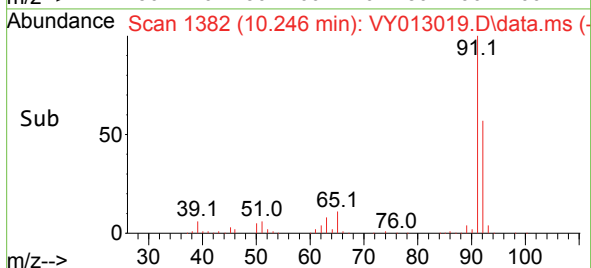
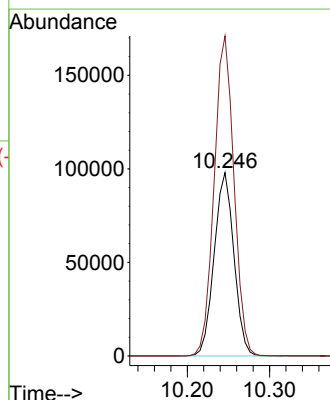
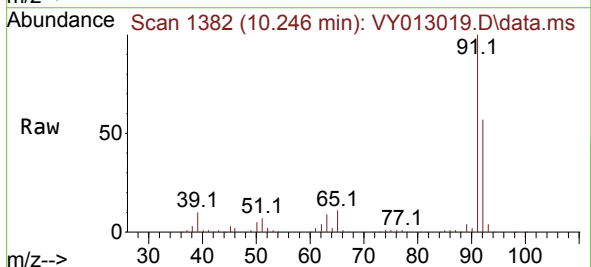
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

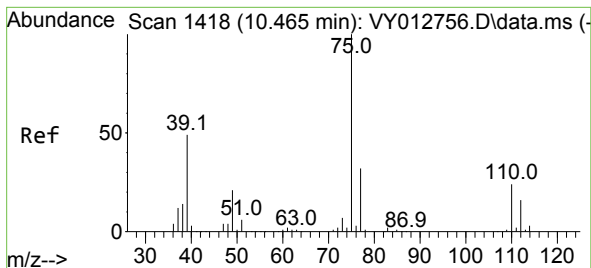
Tgt Ion: 43 Resp: 248566
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6



#52
Toluene
Concen: 55.546 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 92 Resp: 163513
Ion Ratio Lower Upper
92 100
91 175.3 141.3 211.9

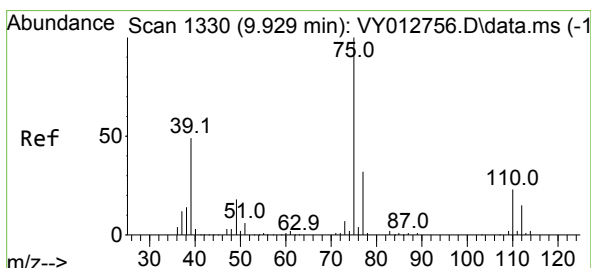
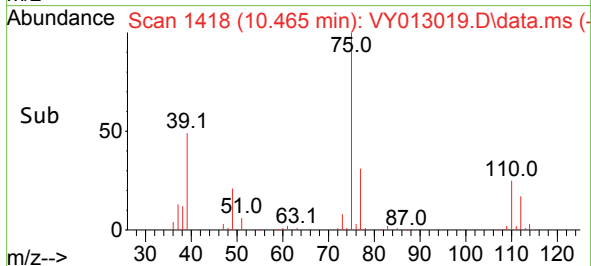
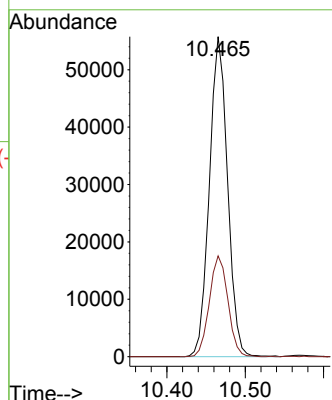
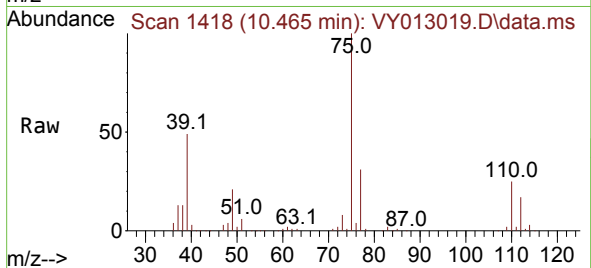




#53
 t-1,3-Dichloropropene
 Concen: 51.685 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013019.D
 Acq: 21 Mar 2023 11:30

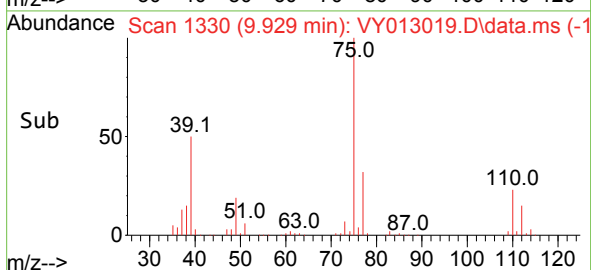
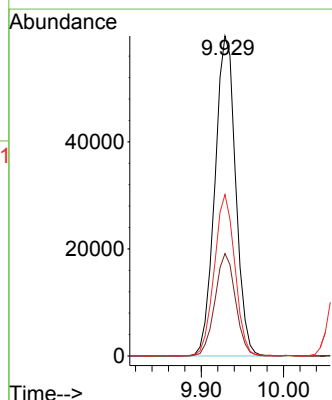
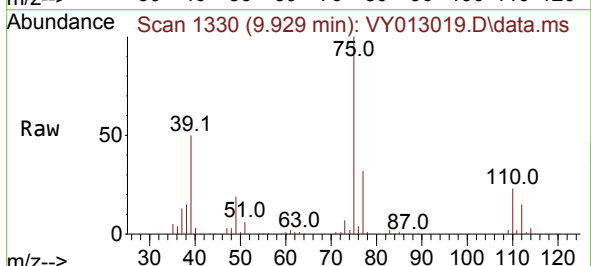
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

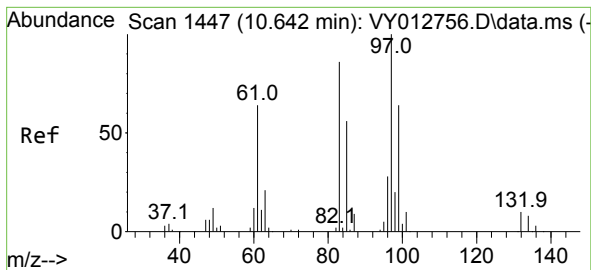
Tgt Ion: 75 Resp: 89783
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 53.307 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013019.D
 Acq: 21 Mar 2023 11:30

Tgt Ion: 75 Resp: 104812
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 50.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 50.023 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 48959

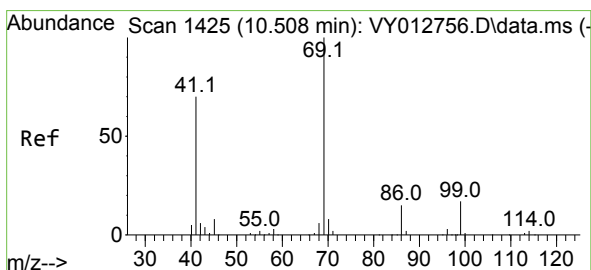
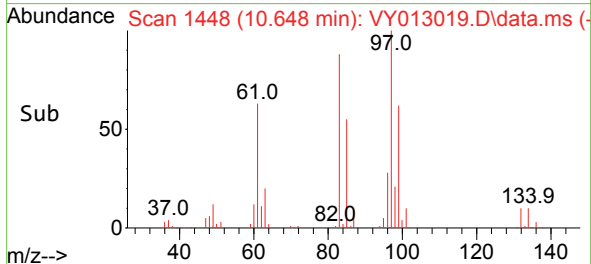
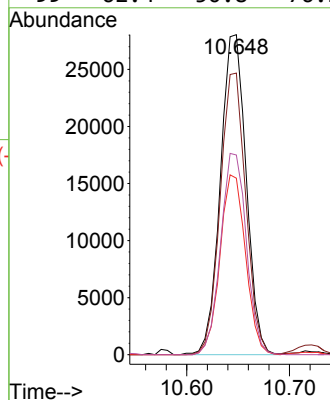
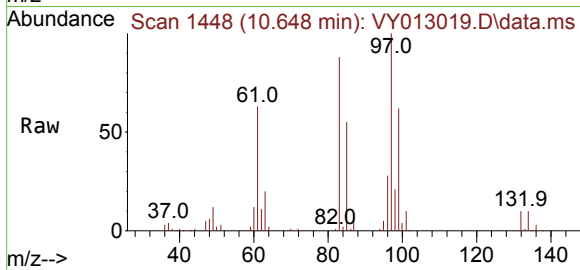
Ion Ratio Lower Upper

97 100

83 88.0 69.0 103.6

85 55.1 44.9 67.3

99 62.4 50.8 76.2



#56

Ethyl methacrylate

Concen: 50.078 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

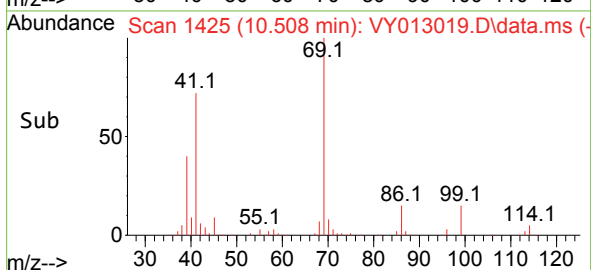
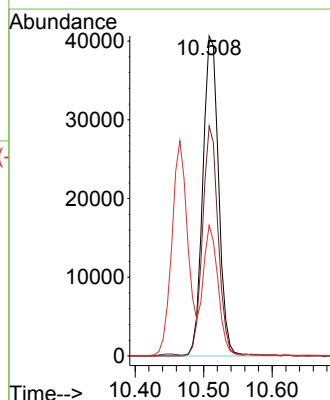
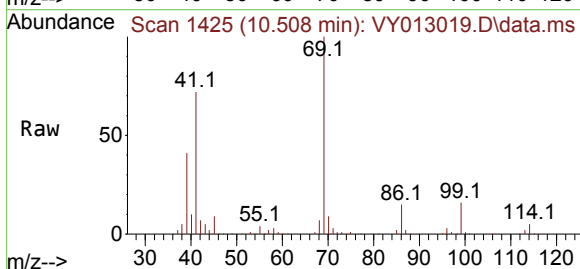
Tgt Ion: 69 Resp: 65353

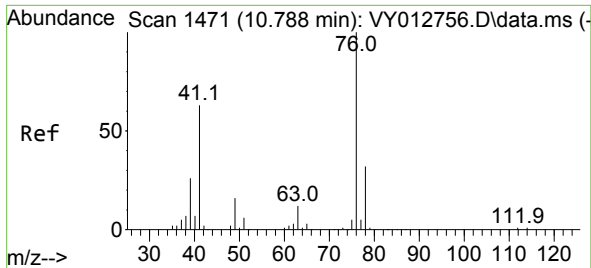
Ion Ratio Lower Upper

69 100

41 70.0 56.4 84.6

39 37.9 30.8 46.2

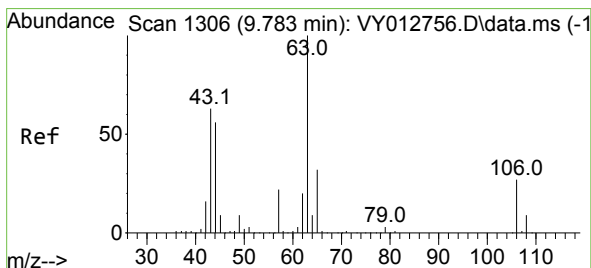
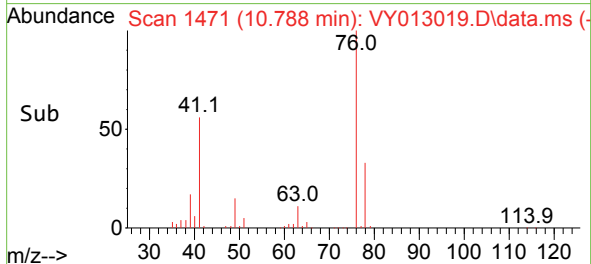
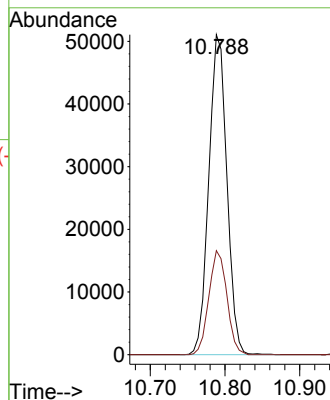
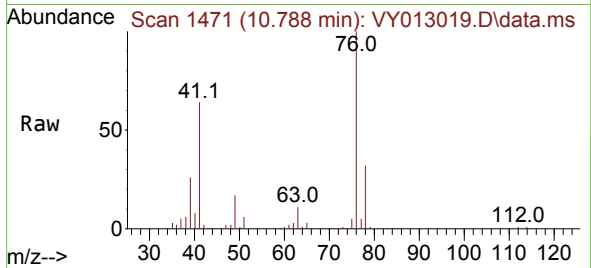




#57
1,3-Dichloropropane
Concen: 51.478 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

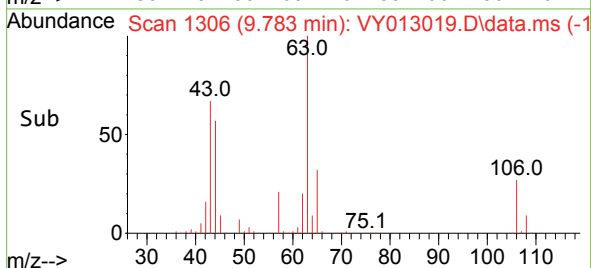
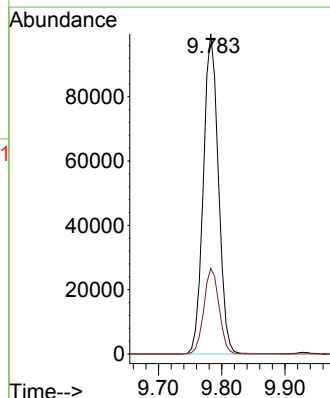
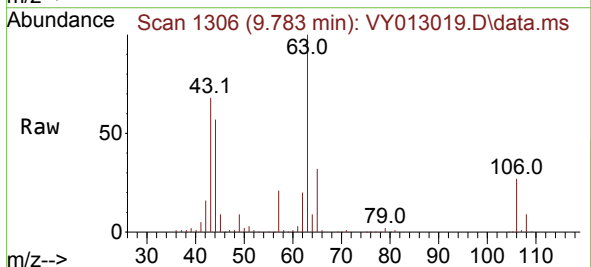
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

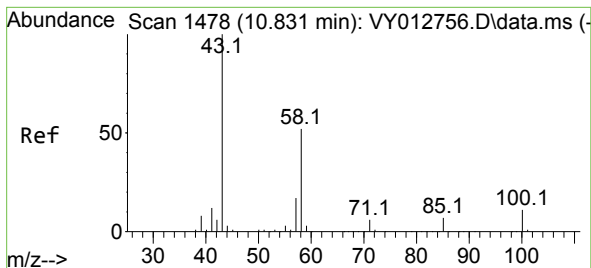
Tgt Ion: 76 Resp: 85814
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 240.554 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 63 Resp: 164800
Ion Ratio Lower Upper
63 100
106 26.9 22.1 33.1

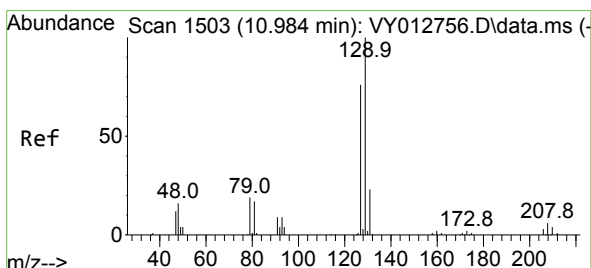
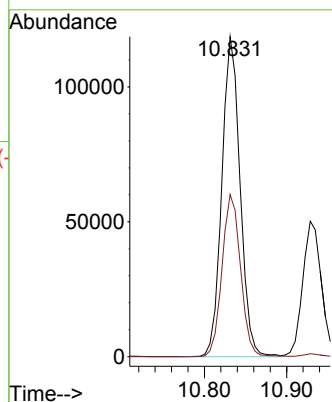
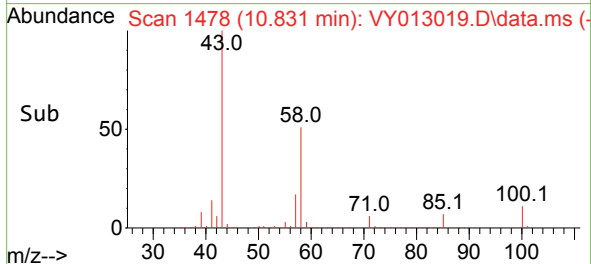
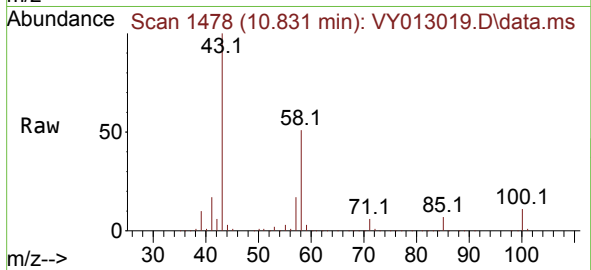




#59
2-Hexanone
Concen: 239.050 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

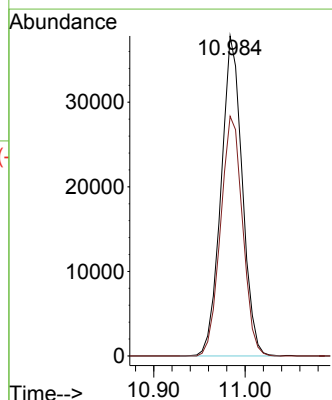
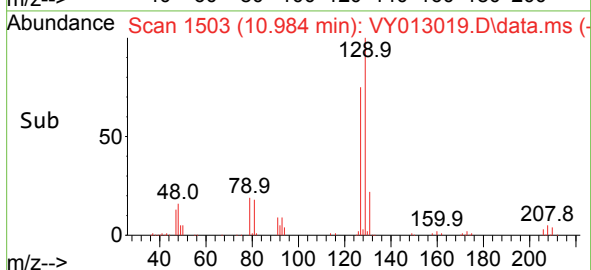
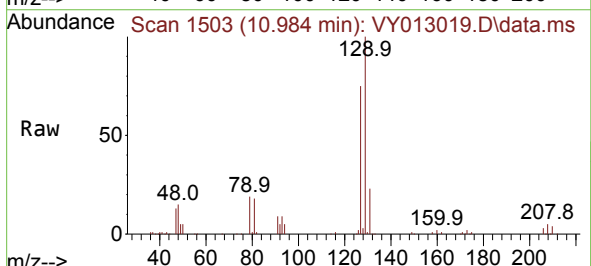
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

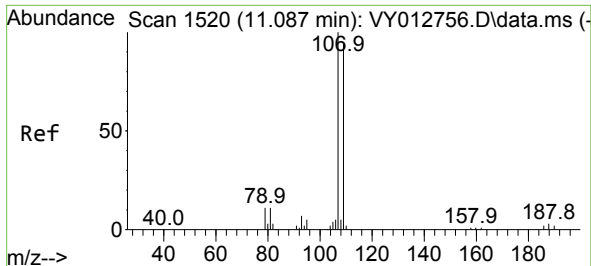
Tgt Ion: 43 Resp: 182867
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 51.186 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 129 Resp: 60982
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

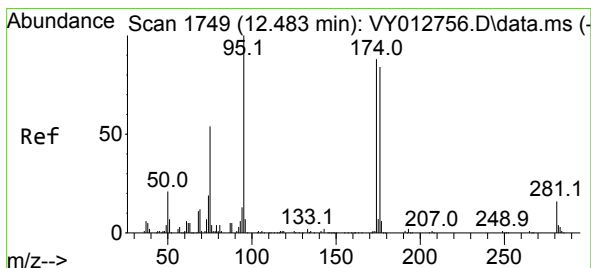
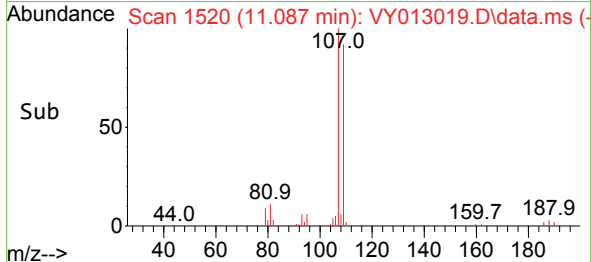
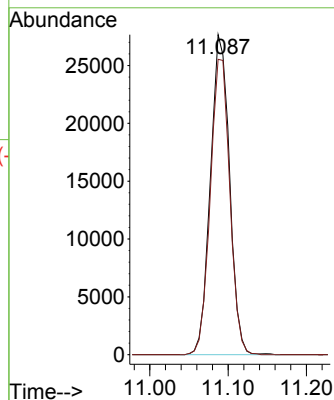
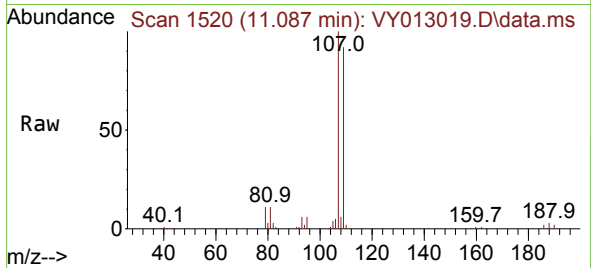




#61
1,2-Dibromoethane
Concen: 49.699 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

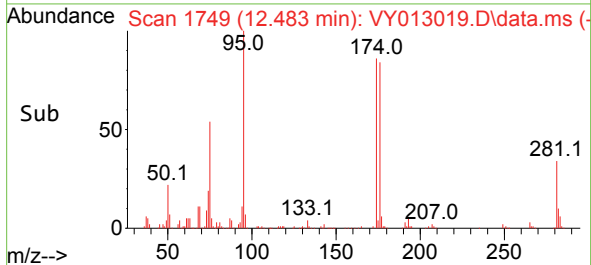
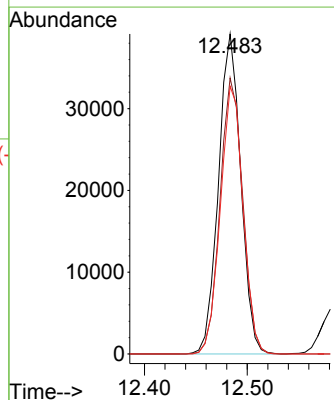
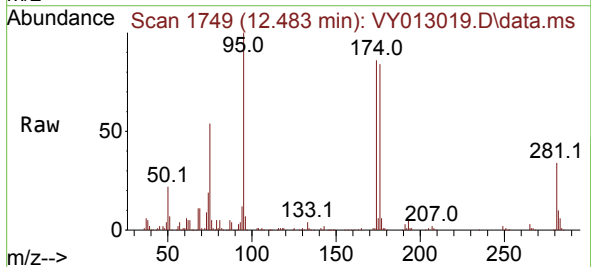
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

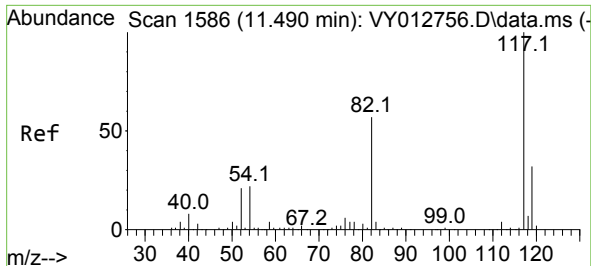
Tgt Ion:107 Resp: 46856
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 46.428 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 95 Resp: 58991
Ion Ratio Lower Upper
95 100
174 87.8 0.0 176.6
176 84.9 0.0 170.2

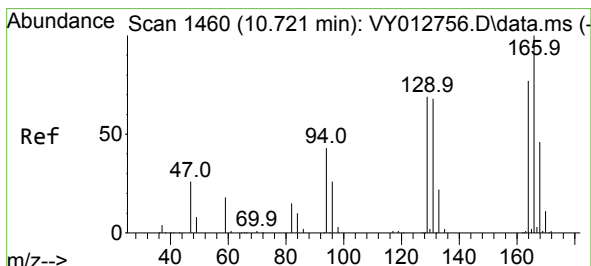
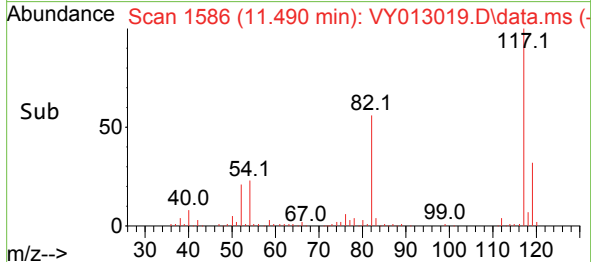
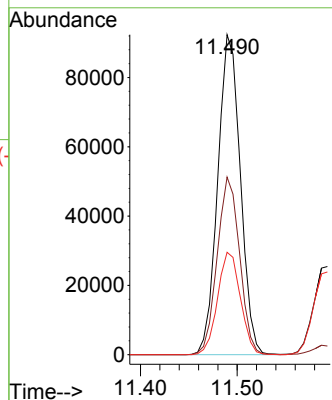
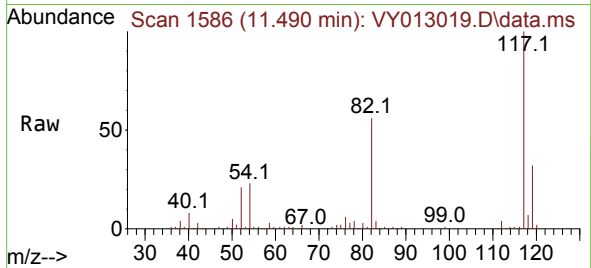




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

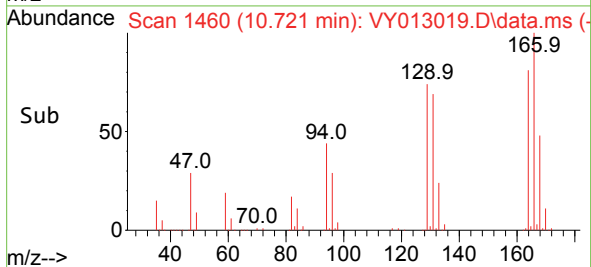
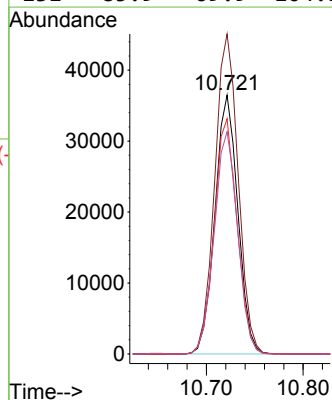
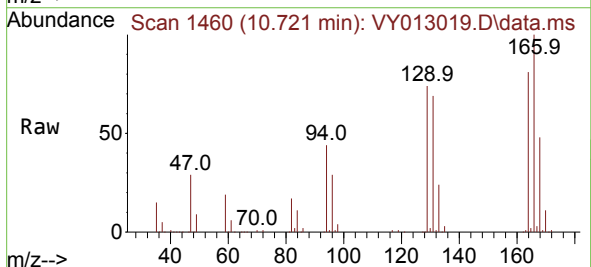
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

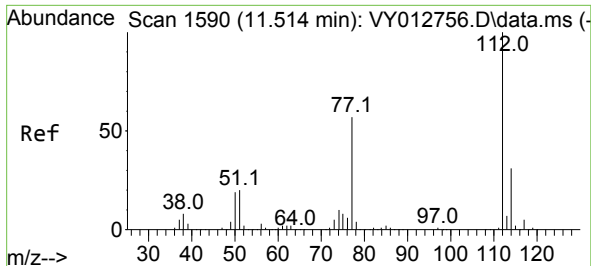
Tgt Ion:117 Resp: 149951
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 54.999 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:164 Resp: 60045
Ion Ratio Lower Upper
164 100
166 123.6 103.4 155.2
129 90.9 71.4 107.2
131 85.9 69.9 104.9

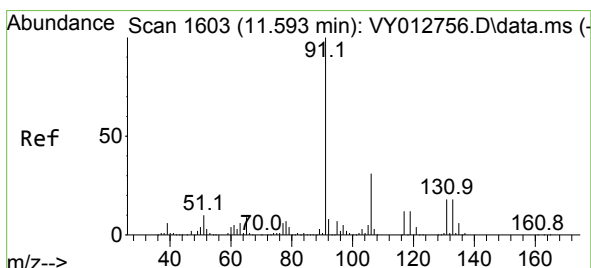
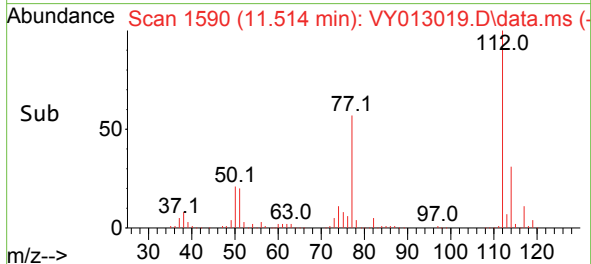
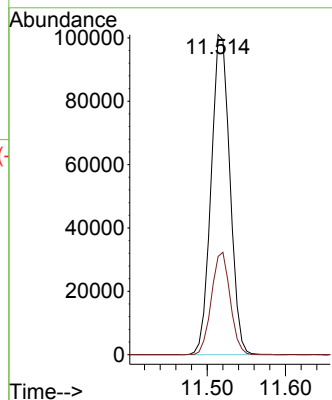
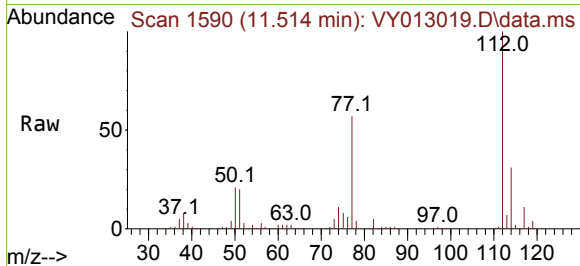




#65
Chlorobenzene
Concen: 53.361 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

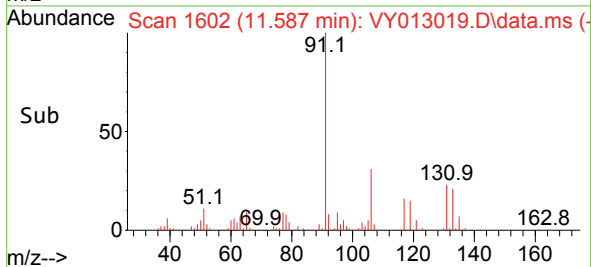
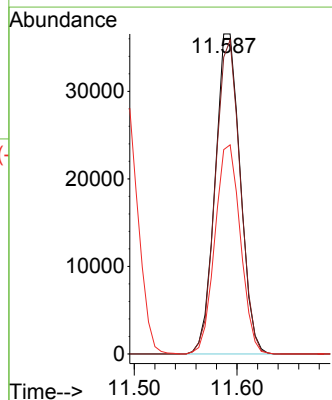
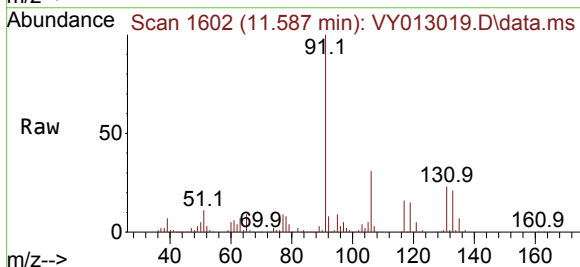
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

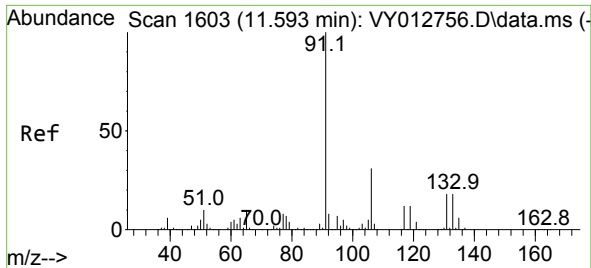
Tgt Ion:112 Resp: 167933
Ion Ratio Lower Upper
112 100
114 30.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.241 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:131 Resp: 62001
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 66.3 32.6 98.0

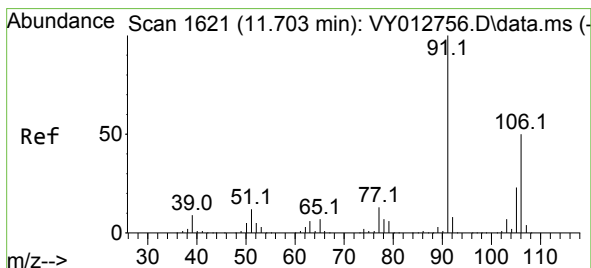
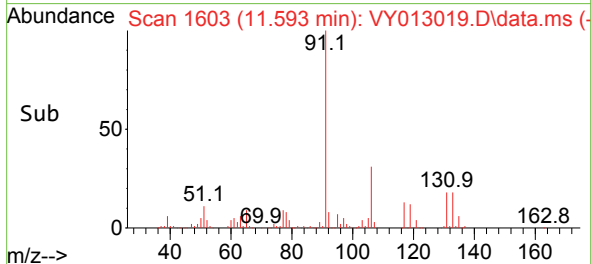
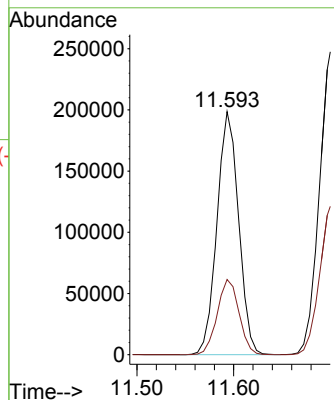
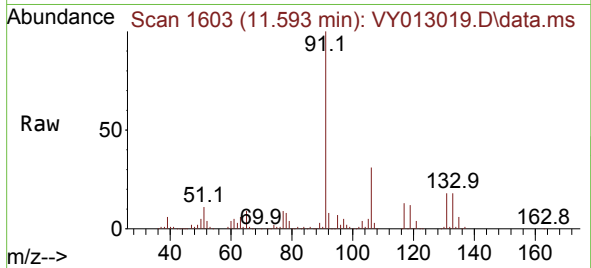




#67
Ethyl Benzene
Concen: 55.567 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

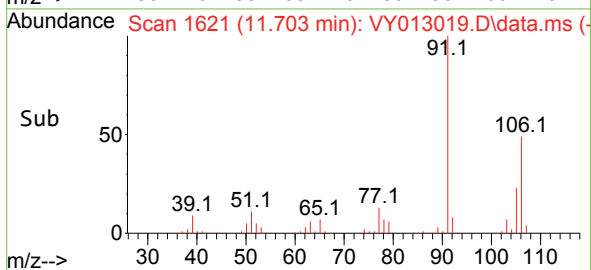
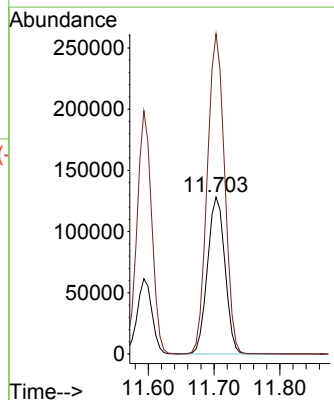
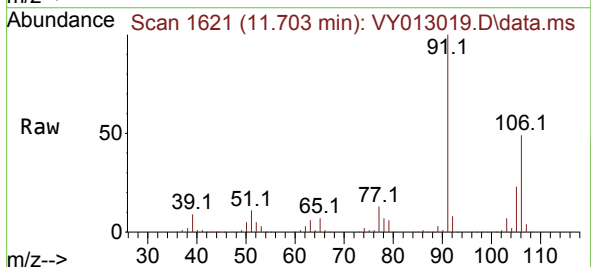
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

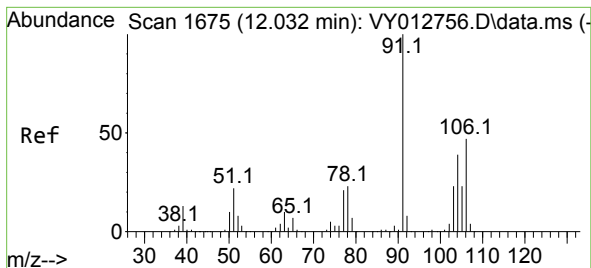
Tgt Ion: 91 Resp: 307456
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7



#68
m/p-Xylenes
Concen: 111.391 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:106 Resp: 237103
Ion Ratio Lower Upper
106 100
91 201.9 159.8 239.8





#69

o-Xylene

Concen: 55.595 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

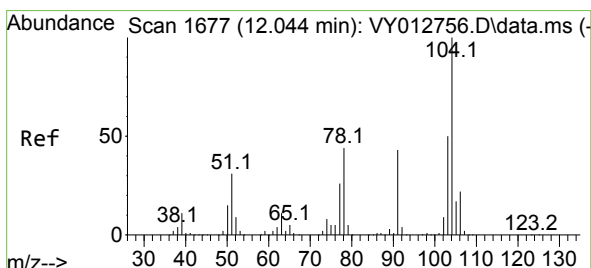
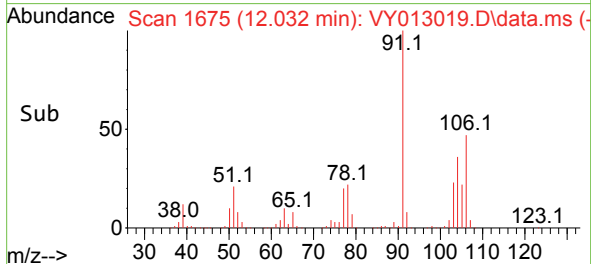
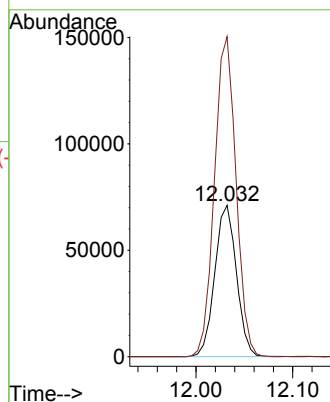
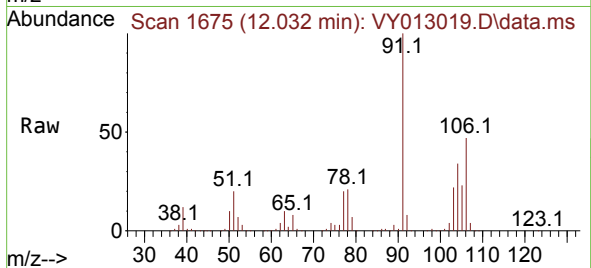
VSTDCCC050

Tgt Ion:106 Resp: 110442

Ion Ratio Lower Upper

106 100

91 210.7 107.2 321.6



#70

Styrene

Concen: 56.053 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

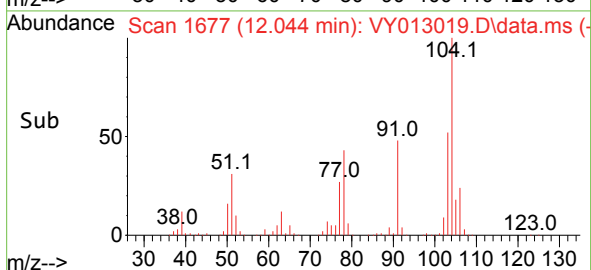
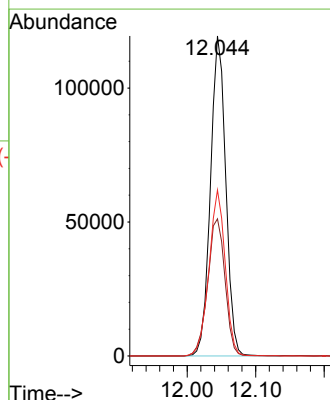
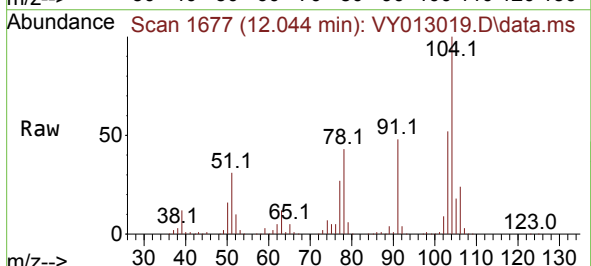
Tgt Ion:104 Resp: 185822

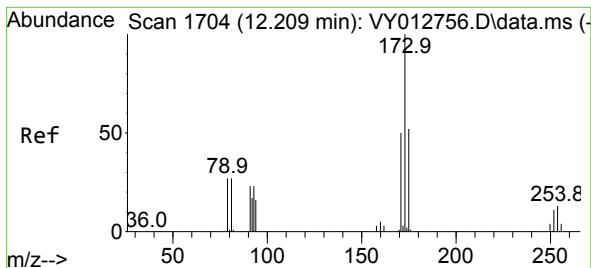
Ion Ratio Lower Upper

104 100

78 48.6 39.2 58.8

103 55.1 43.7 65.5





#71

Bromoform

Concen: 50.245 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

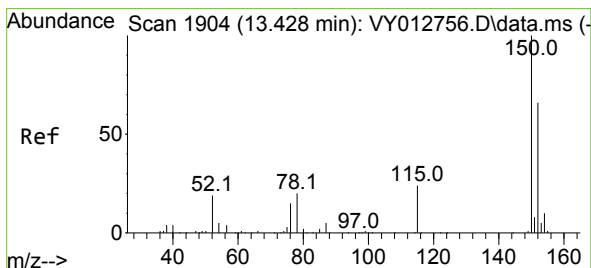
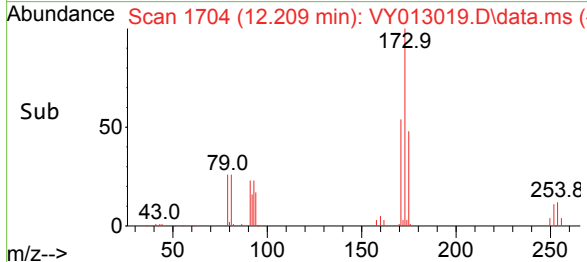
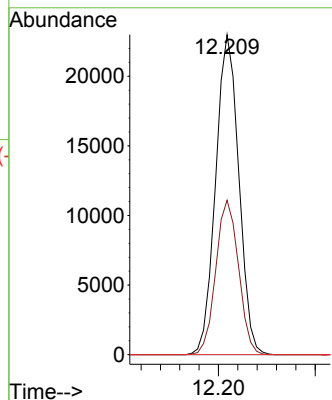
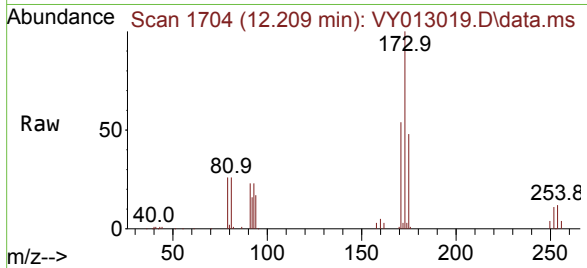
Tgt Ion:173 Resp: 38150

Ion Ratio Lower Upper

173 100

175 47.4 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

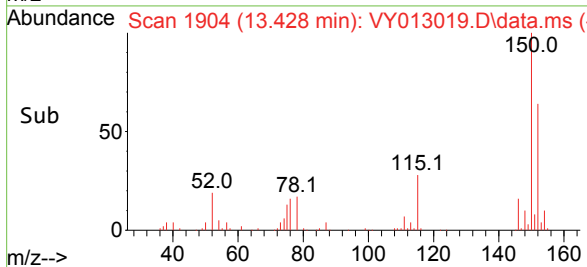
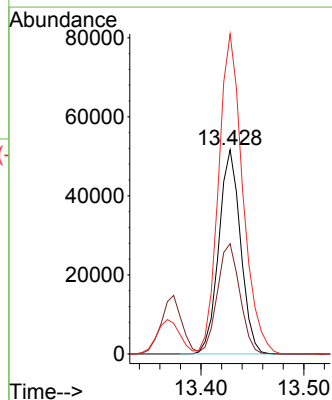
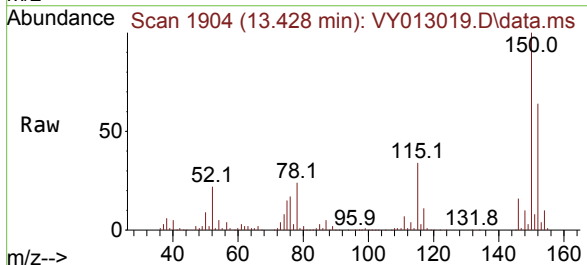
Tgt Ion:152 Resp: 75825

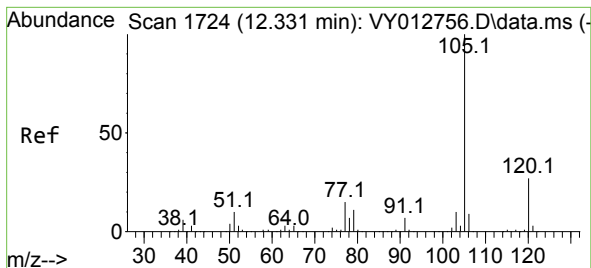
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 174.9 0.0 347.8





#73

Isopropylbenzene

Concen: 55.458 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

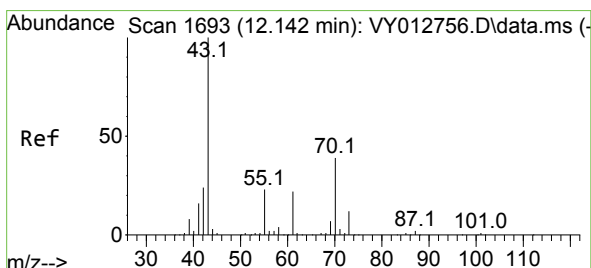
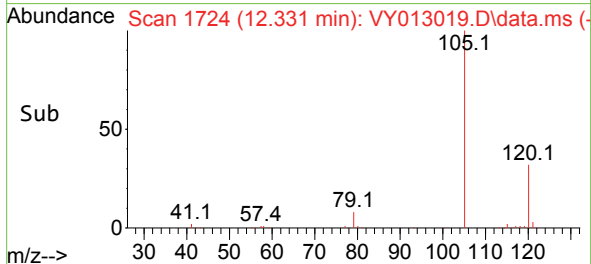
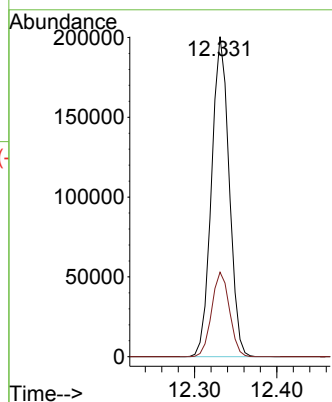
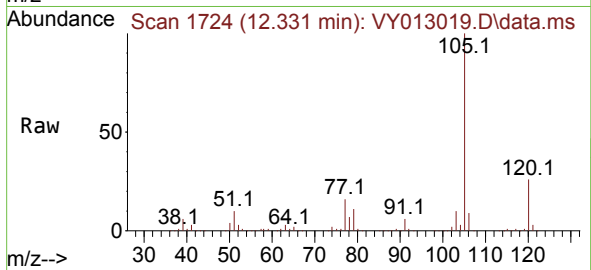
VSTDCCC050

Tgt Ion:105 Resp: 298017

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 46.972 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Tgt Ion: 43 Resp: 79420

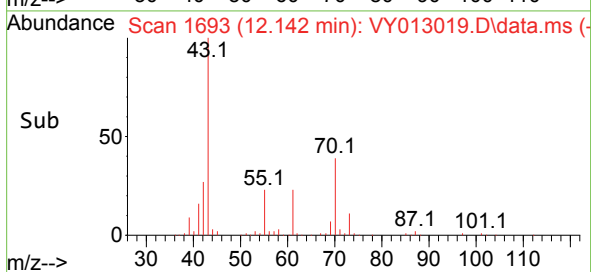
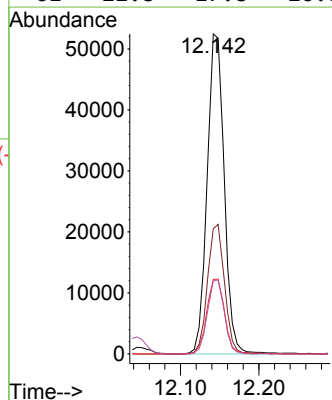
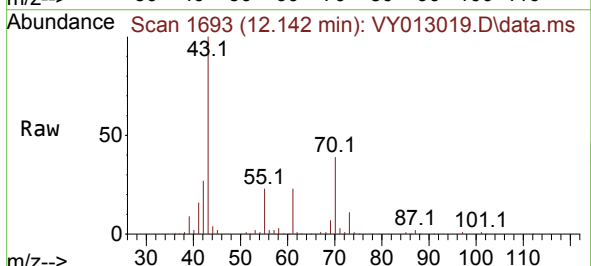
Ion Ratio Lower Upper

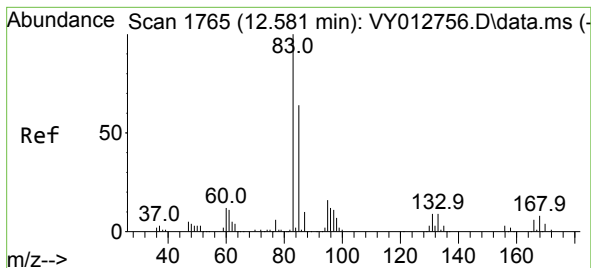
43 100

70 40.3 31.6 47.4

55 24.5 18.8 28.2

61 22.8 17.8 26.8

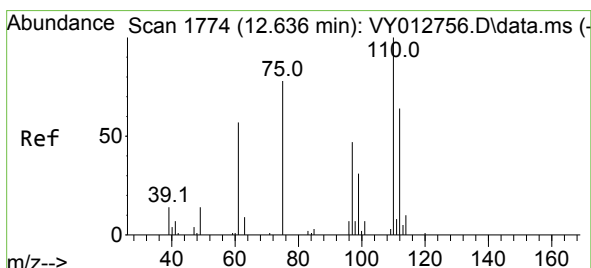
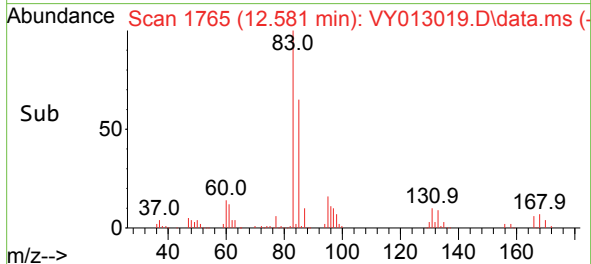
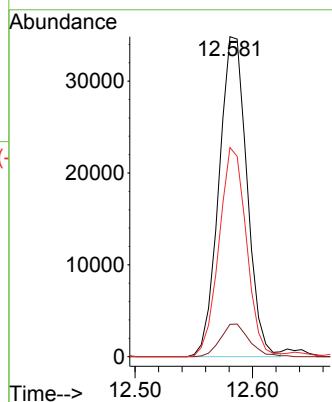
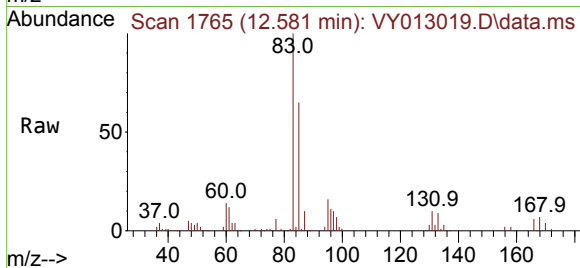




#75
1,1,2,2-Tetrachloroethane
Concen: 47.832 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

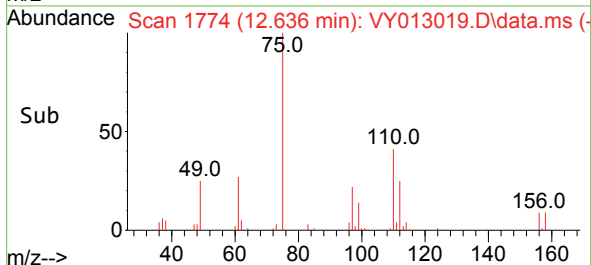
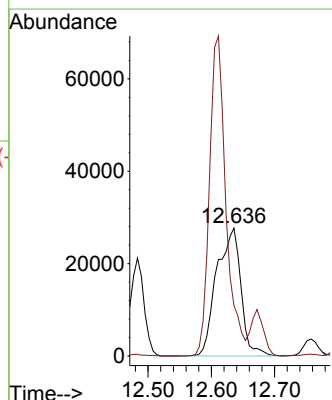
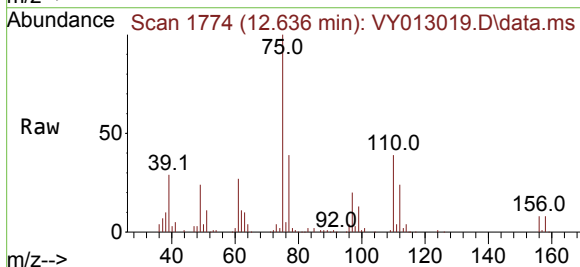
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

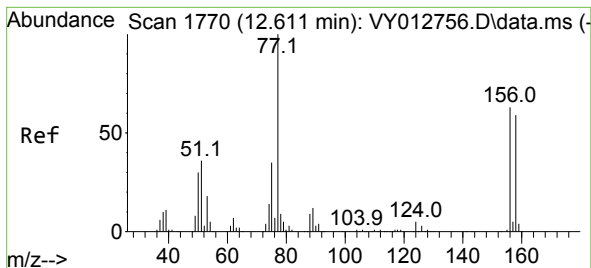
Tgt Ion: 83 Resp: 57780
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.2
85 64.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 81.240 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 75 Resp: 73561
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.305 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

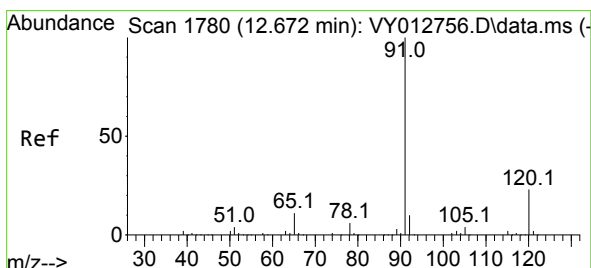
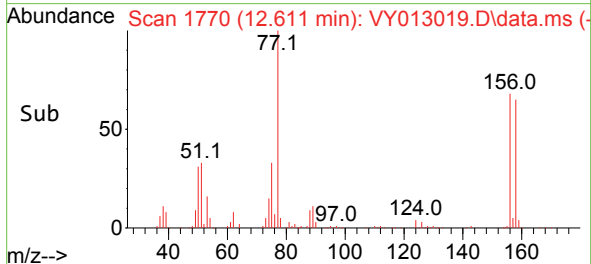
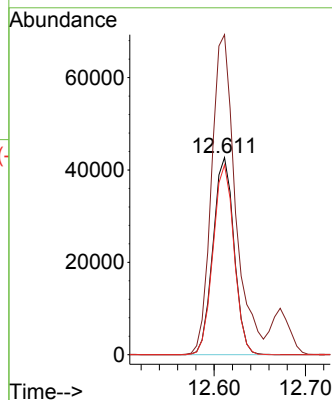
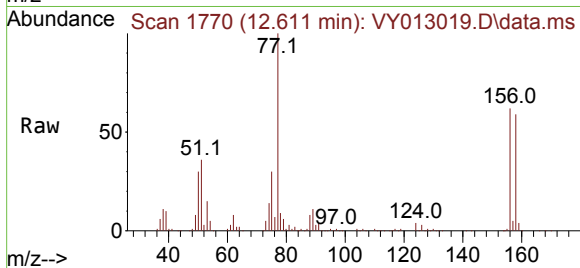
Tgt Ion:156 Resp: 68282

Ion Ratio Lower Upper

156 100

77 184.2 94.0 282.1

158 95.9 48.1 144.4



#78

n-propylbenzene

Concen: 55.567 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013019.D

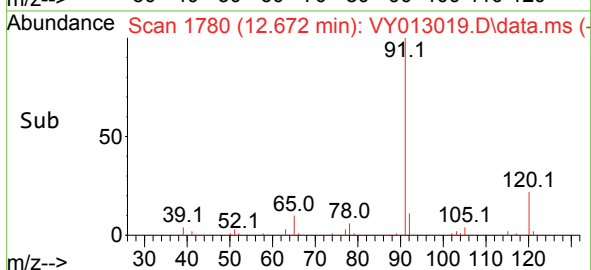
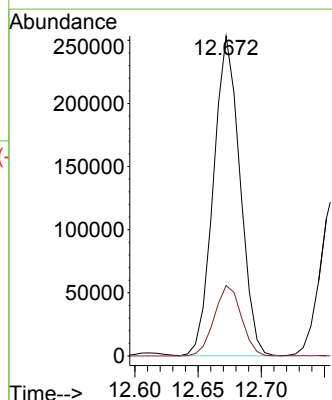
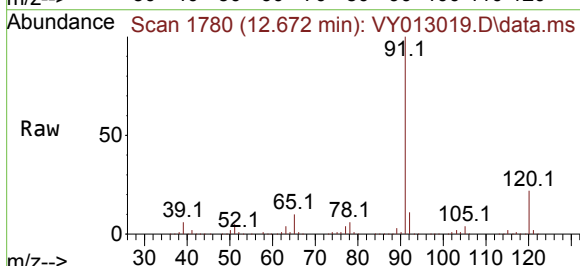
Acq: 21 Mar 2023 11:30

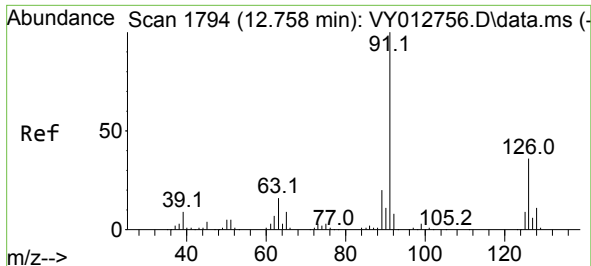
Tgt Ion: 91 Resp: 368146

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.8

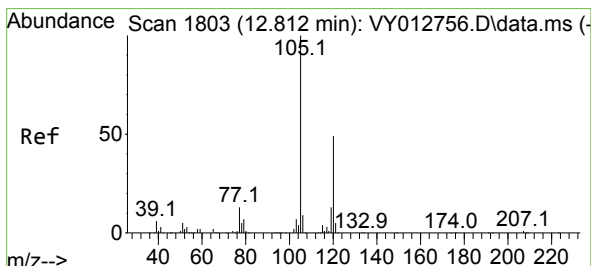
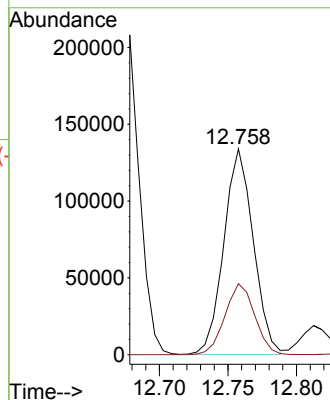
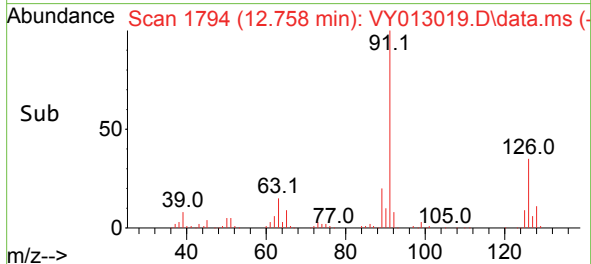
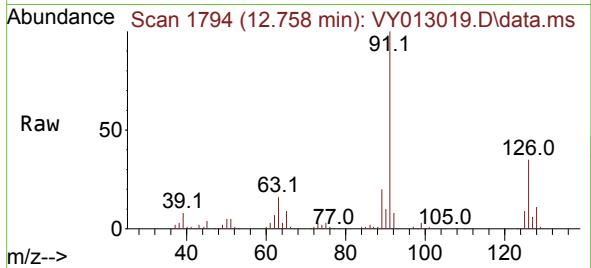




#79
2-Chlorotoluene
Concen: 54.371 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

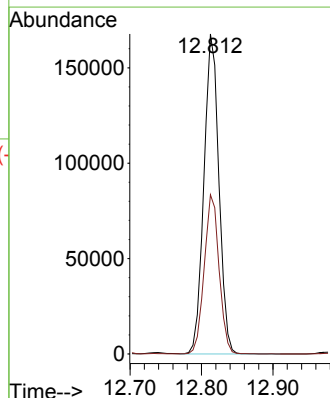
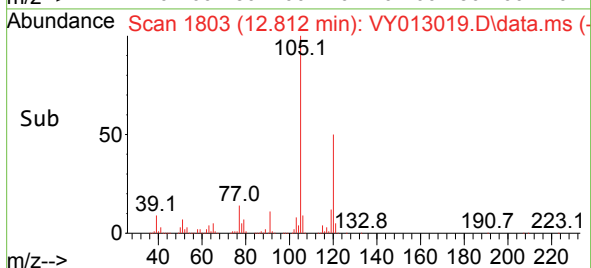
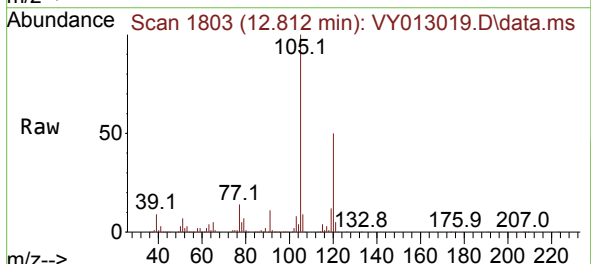
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

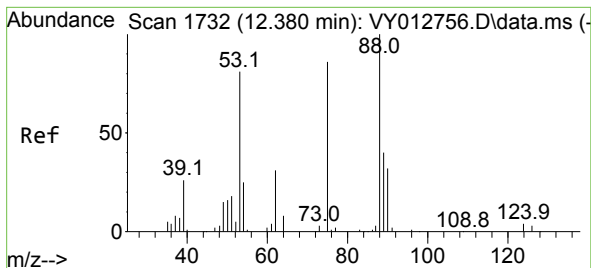
Tgt Ion: 91 Resp: 200206
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 55.072 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 105 Resp: 244232
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4

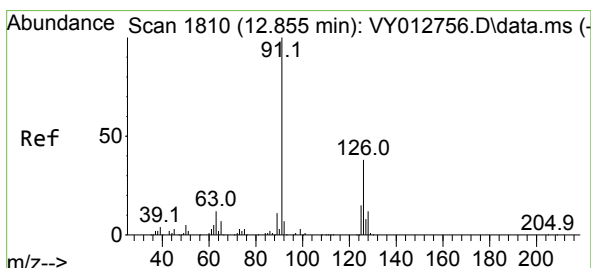
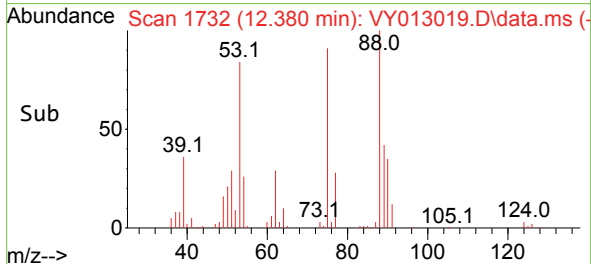
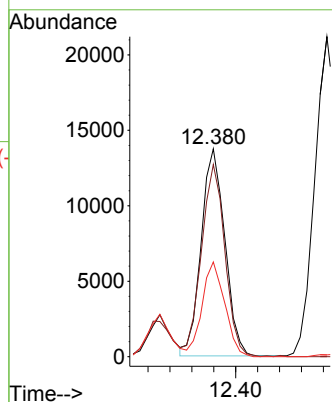
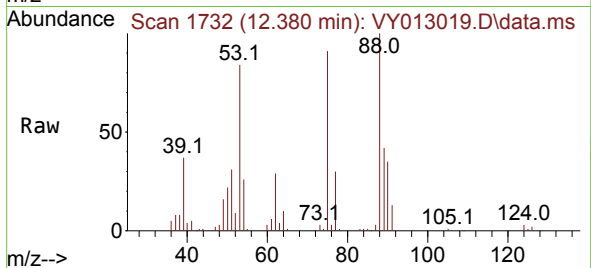




#81
trans-1,4-Dichloro-2-butene
Concen: 47.099 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

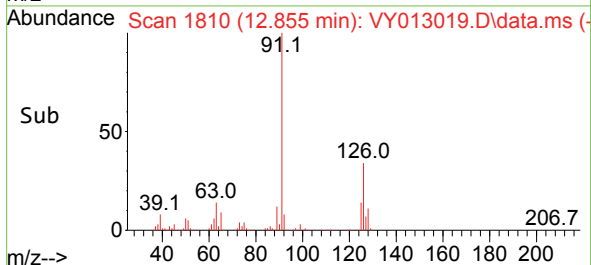
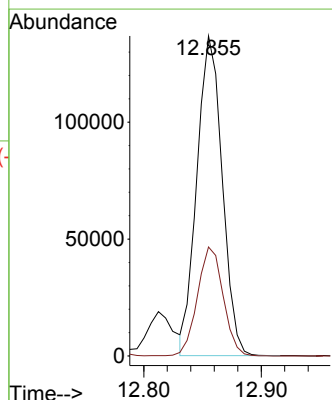
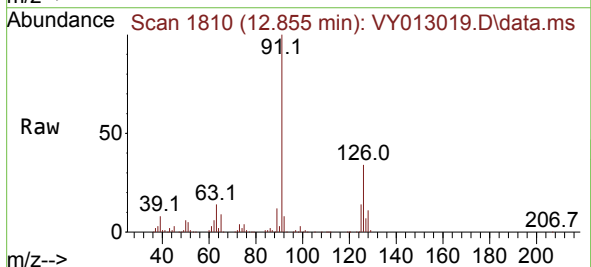
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

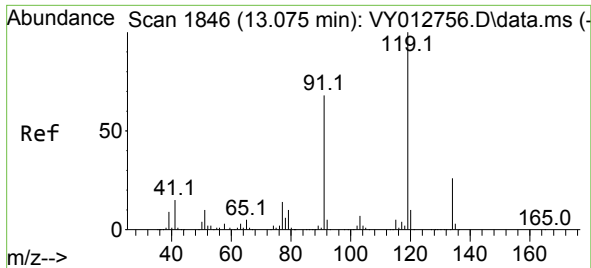
Tgt Ion: 75 Resp: 20582
Ion Ratio Lower Upper
75 100
53 92.4 73.4 110.0
89 43.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 53.662 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 91 Resp: 204542
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1

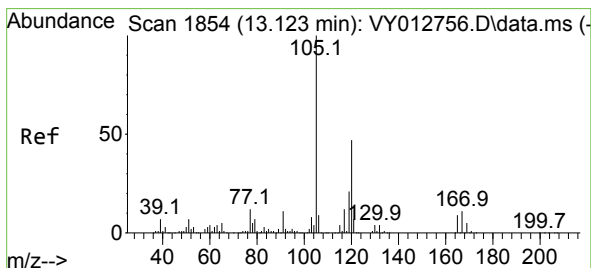
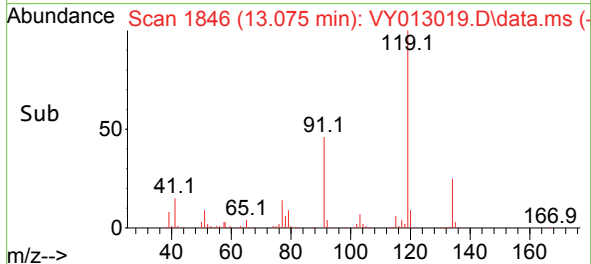
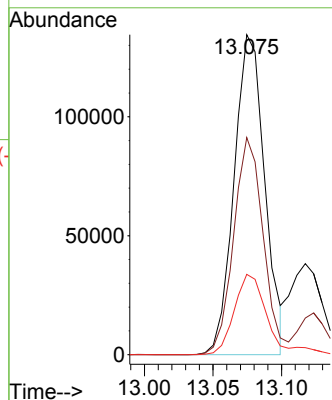
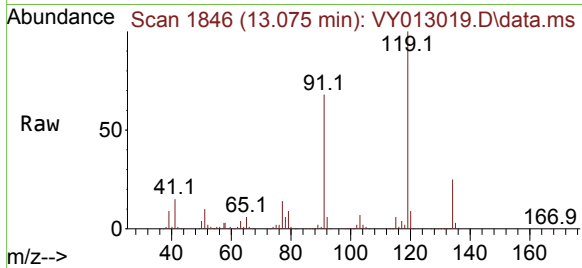




#83
tert-Butylbenzene
Concen: 54.768 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

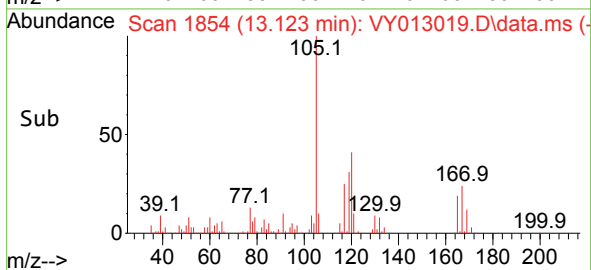
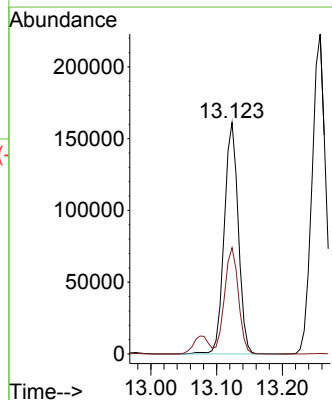
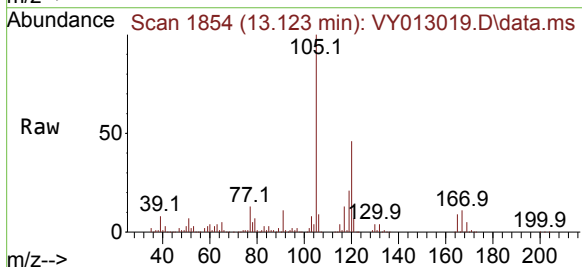
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

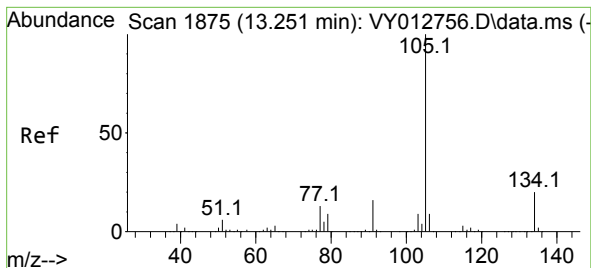
Tgt Ion:119 Resp: 209637
Ion Ratio Lower Upper
119 100
91 65.7 32.8 98.3
134 27.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 55.199 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:105 Resp: 239375
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 55.208 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

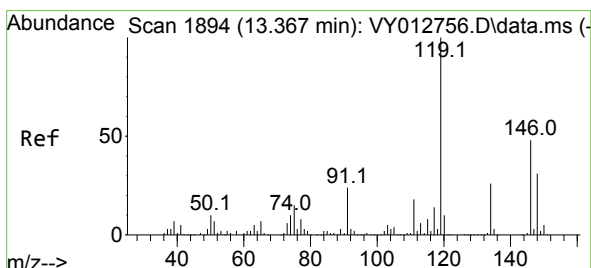
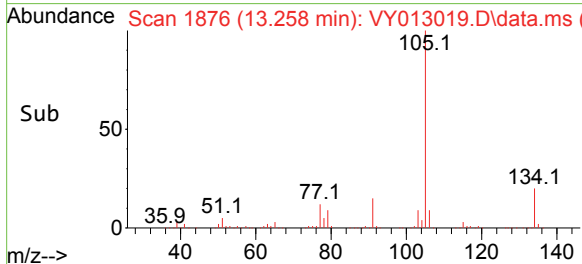
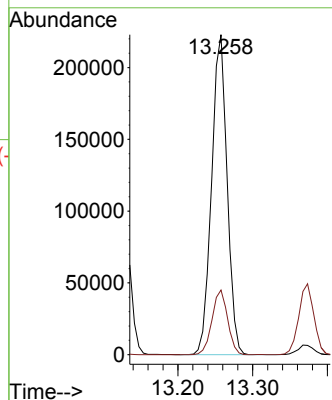
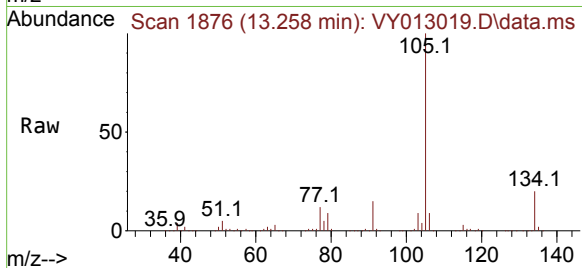
VSTDCCC050

Tgt Ion:105 Resp: 322384

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.898 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

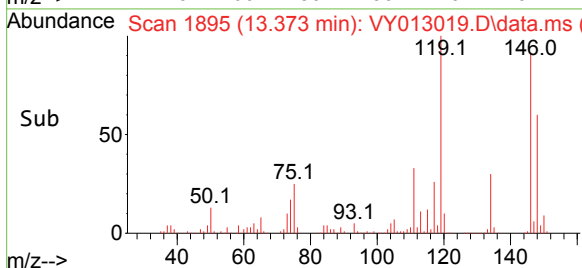
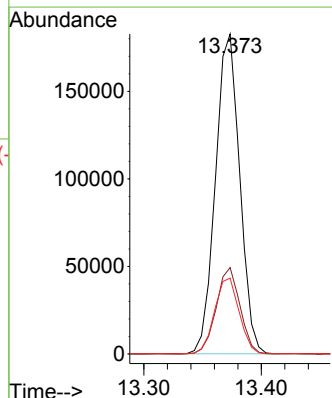
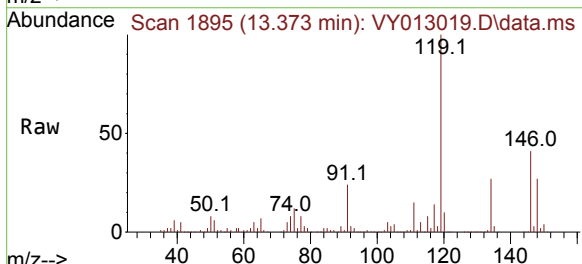
Tgt Ion:119 Resp: 262005

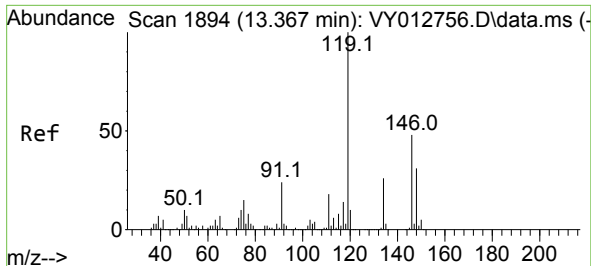
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 24.0 11.8 35.3

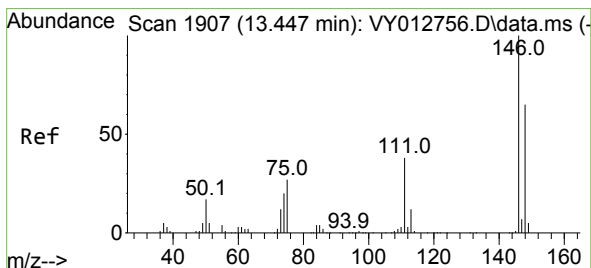
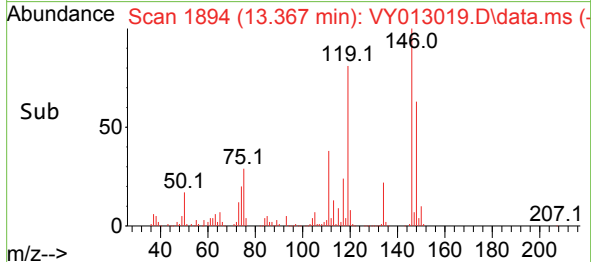
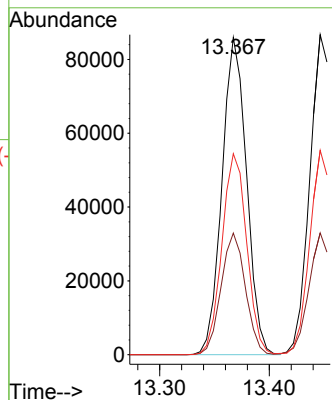
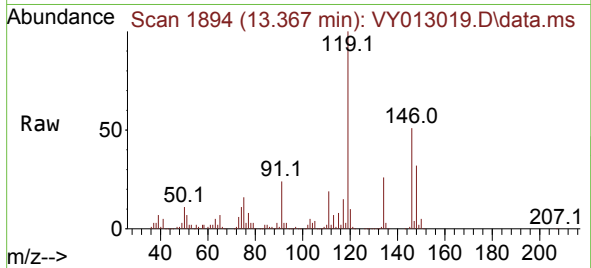




#87
1,3-Dichlorobenzene
Concen: 53.211 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

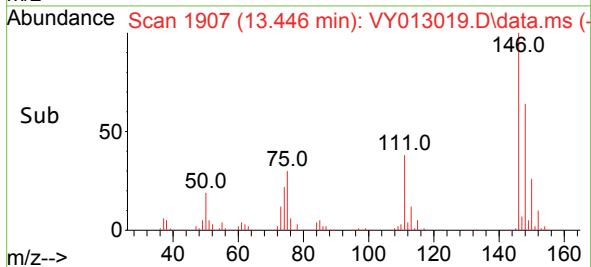
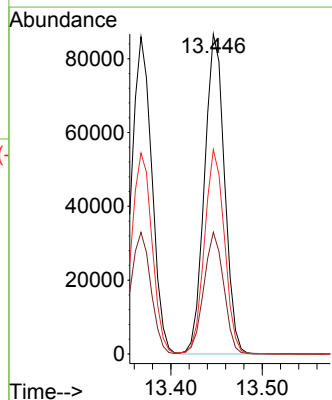
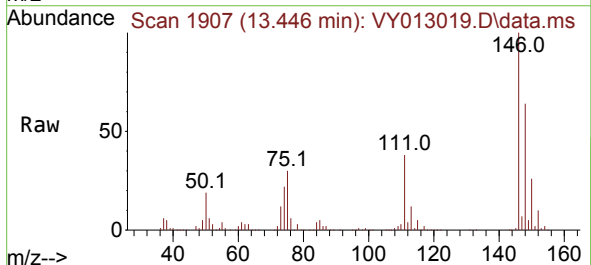
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

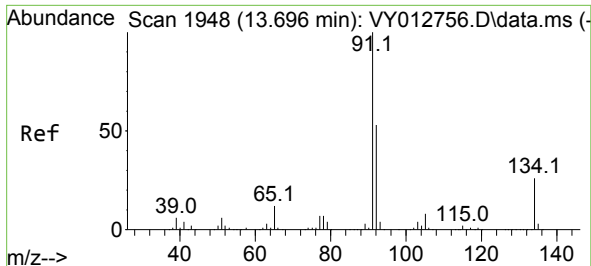
Tgt Ion:146 Resp: 133975
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.5
148 63.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 51.277 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:146 Resp: 131765
Ion Ratio Lower Upper
146 100
111 38.0 18.6 55.8
148 63.8 31.5 94.5

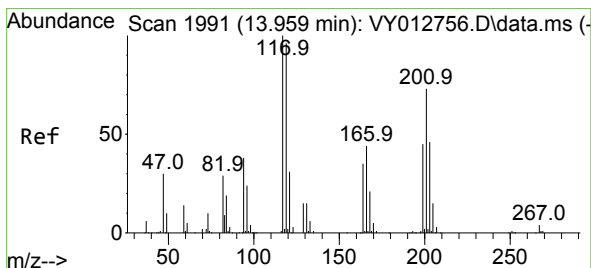
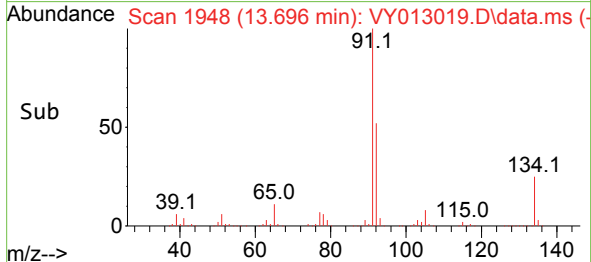
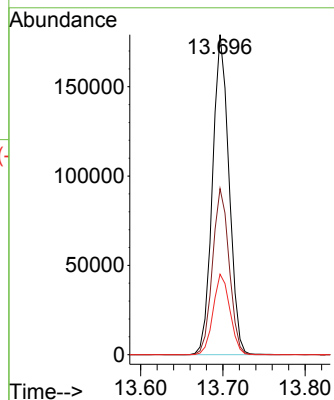
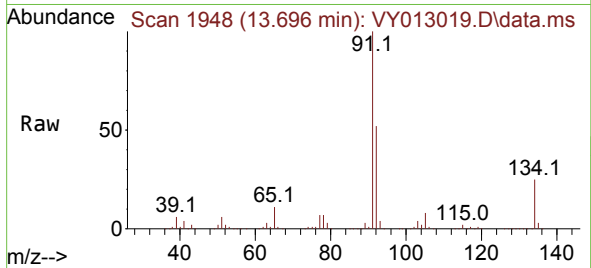




#89
n-Butylbenzene
Concen: 54.756 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

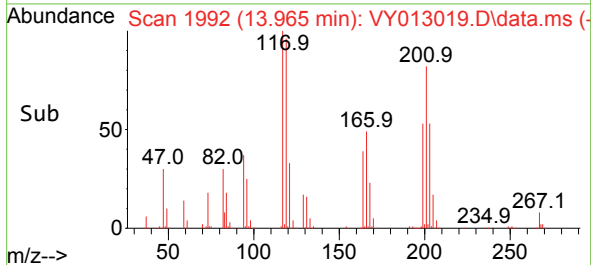
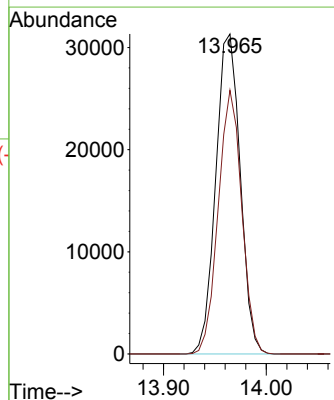
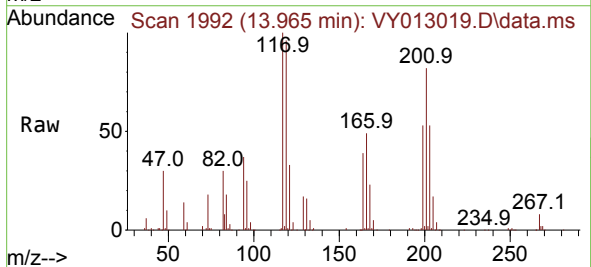
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

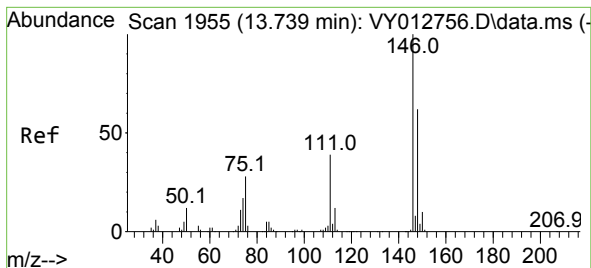
Tgt Ion: 91 Resp: 250173
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 52.038 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion: 117 Resp: 51727
Ion Ratio Lower Upper
117 100
201 79.1 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 51.876 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

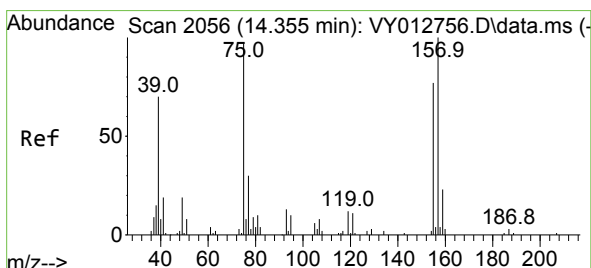
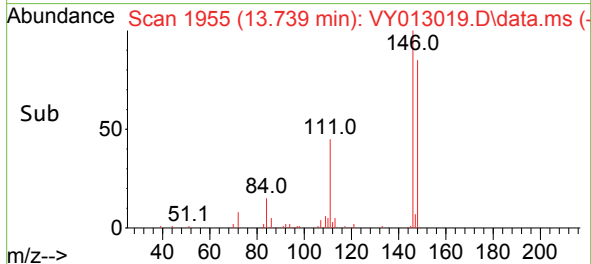
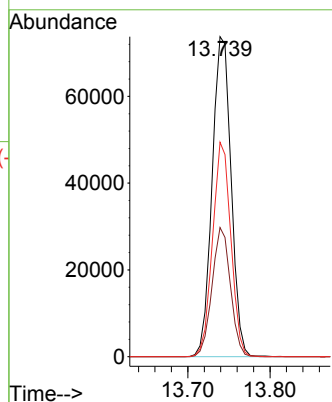
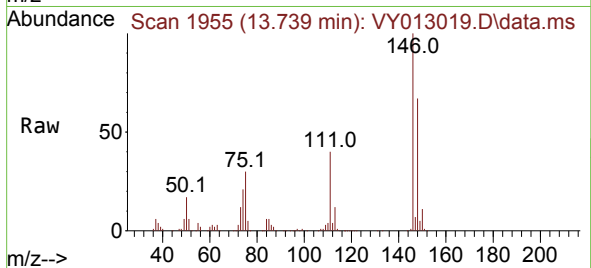
Tgt Ion:146 Resp: 118071

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 64.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.984 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

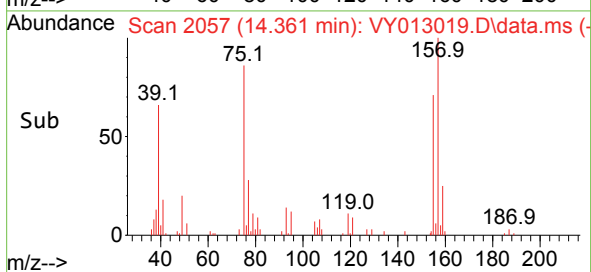
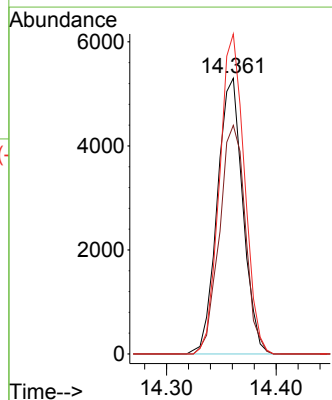
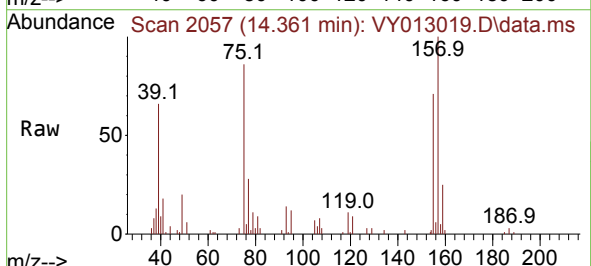
Tgt Ion: 75 Resp: 8587

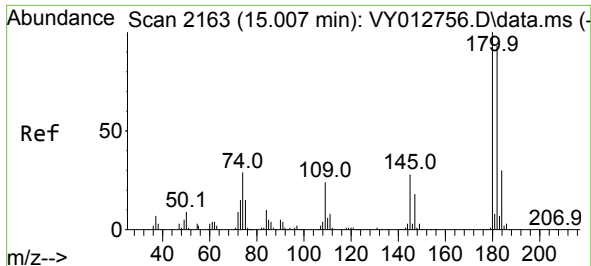
Ion Ratio Lower Upper

75 100

155 83.8 43.8 131.4

157 113.1 54.1 162.3

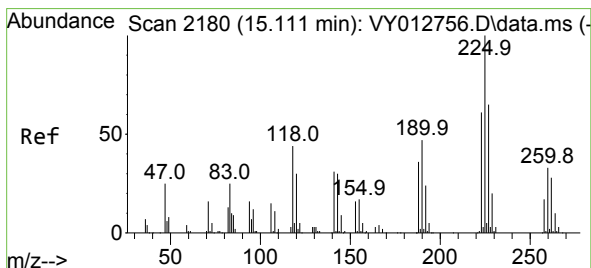
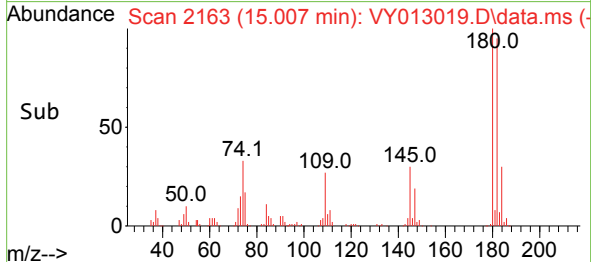
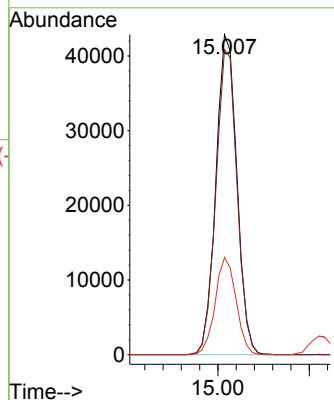
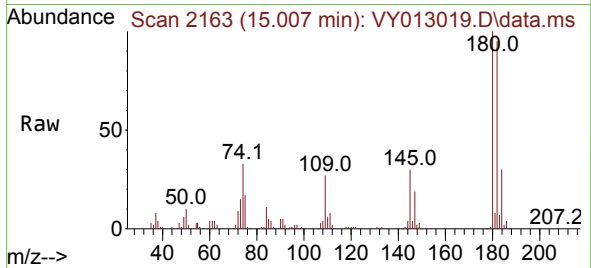




#93
1,2,4-Trichlorobenzene
Concen: 48.656 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

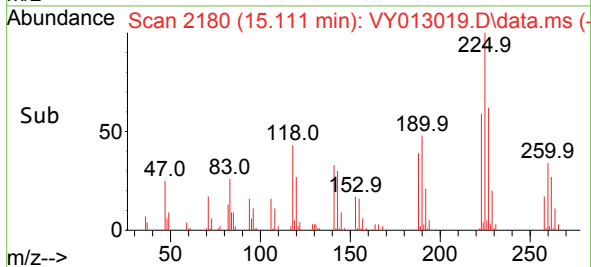
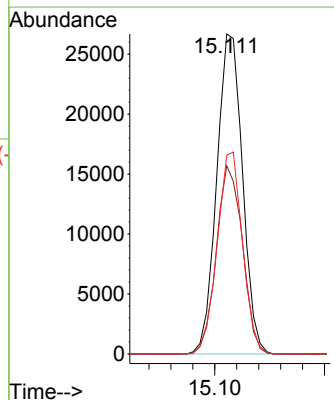
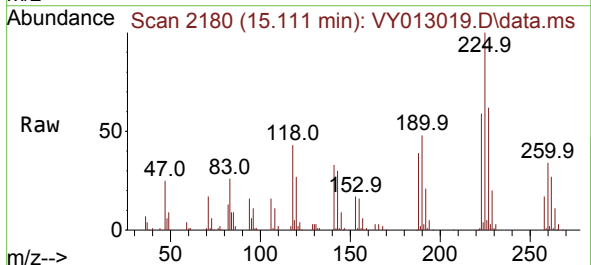
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

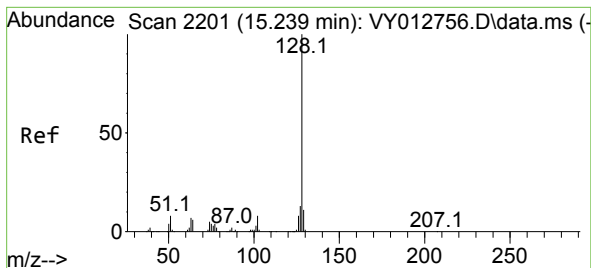
Tgt Ion:180 Resp: 68184
Ion Ratio Lower Upper
180 100
182 96.1 46.7 140.1
145 30.3 14.6 43.8



#94
Hexachlorobutadiene
Concen: 50.948 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013019.D
Acq: 21 Mar 2023 11:30

Tgt Ion:225 Resp: 43546
Ion Ratio Lower Upper
225 100
223 59.6 31.1 93.3
227 61.8 32.4 97.0





#95

Naphthalene

Concen: 46.336 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

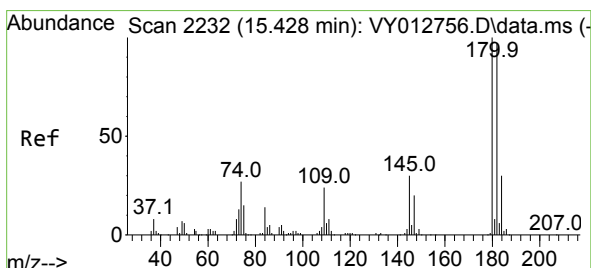
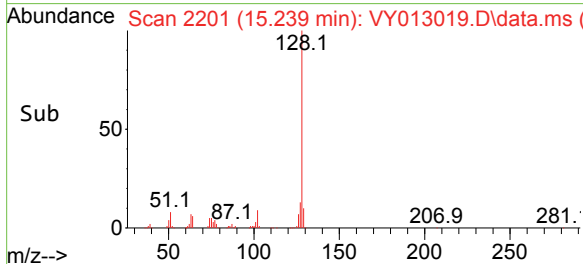
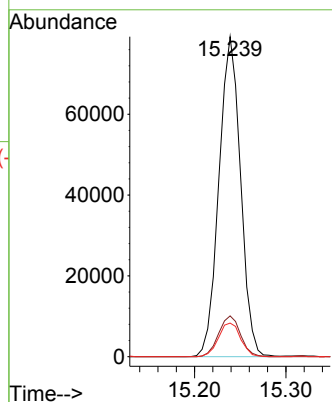
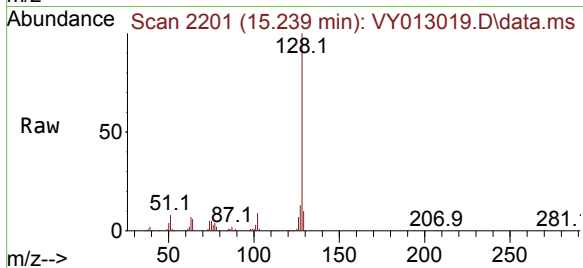
Tgt Ion:128 Resp: 130120

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.205 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY013019.D

Acq: 21 Mar 2023 11:30

Tgt Ion:180 Resp: 58833

Ion Ratio Lower Upper

180 100

182 97.0 47.4 142.3

145 31.3 15.3 45.8

