

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013207.D
 Acq On : 05 Apr 2023 17:12
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 06 01:28:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	126616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	163940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	63426	46.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.220%
35) Dibromofluoromethane	7.716	113	57669	48.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.580%
50) Toluene-d8	10.179	98	219306	49.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.483	95	74635	51.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.780%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	58163	46.860	ug/l	99
3) Chloromethane	2.113	50	43915	33.927	ug/l	100
4) Vinyl Chloride	2.253	62	64215	49.482	ug/l	98
5) Bromomethane	2.650	94	41839	45.683	ug/l	93
6) Chloroethane	2.796	64	40008	49.215	ug/l	100
7) Trichlorofluoromethane	3.125	101	109566	47.437	ug/l	95
8) Diethyl Ether	3.528	74	37693	51.970	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	63624	49.965	ug/l	94
10) Methyl Iodide	4.088	142	91140	54.964	ug/l	97
11) Tert butyl alcohol	4.948	59	29473	240.320	ug/l	98
12) 1,1-Dichloroethene	3.869	96	60849	49.432	ug/l	97
13) Acrolein	3.729	56	33906	197.007	ug/l	99
14) Allyl chloride	4.473	41	92715	44.205	ug/l	89
15) Acrylonitrile	5.155	53	84946	235.697	ug/l	98
16) Acetone	3.942	43	100717	242.057	ug/l	95
17) Carbon Disulfide	4.192	76	180090	43.931	ug/l	100
18) Methyl Acetate	4.473	43	58890	44.918	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	167913	53.831	ug/l	97
20) Methylene Chloride	4.710	84	68758	47.613	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	68892	49.672	ug/l	92
22) Diisopropyl ether	6.113	45	169804	41.438	ug/l #	91
23) Vinyl Acetate	6.058	43	508376	218.163	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	106207	43.762	ug/l	99
25) 2-Butanone	6.978	43	110313	212.027	ug/l	98
26) 2,2-Dichloropropane	6.978	77	105468	48.316	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	71653	47.954	ug/l	95
28) Bromochloromethane	7.332	49	40934	39.308	ug/l #	76
29) Tetrahydrofuran	7.344	42	64497	209.415	ug/l #	86
30) Chloroform	7.503	83	119011	47.355	ug/l	98
31) Cyclohexane	7.783	56	90375	40.683	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	113943	51.279	ug/l	98
36) 1,1-Dichloropropene	7.911	75	87803	49.344	ug/l	97
37) Ethyl Acetate	7.070	43	45342	44.857	ug/l	98
38) Carbon Tetrachloride	7.899	117	109883	55.967	ug/l	99
39) Methylcyclohexane	9.179	83	105454	50.516	ug/l	96
40) Benzene	8.155	78	250076	48.659	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013207.D
 Acq On : 05 Apr 2023 17:12
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 06 01:28:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	63823	142.326	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	83696	53.154	ug/l	99
43) Isopropyl Acetate	8.271	43	84184	46.528	ug/l #	94
44) Trichloroethene	8.935	130	78245	55.305	ug/l	98
45) 1,2-Dichloropropane	9.216	63	58355	45.344	ug/l	96
46) Dibromomethane	9.301	93	37325	50.487	ug/l	92
47) Bromodichloromethane	9.490	83	90293	50.617	ug/l #	97
48) Methyl methacrylate	9.289	41	40247	47.762	ug/l	89
49) 1,4-Dioxane	9.295	88	9348	1062.872	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	227936	233.427	ug/l	96
52) Toluene	10.240	92	165221	51.826	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	95385	52.314	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	103636	49.768	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	51856	50.743	ug/l	98
56) Ethyl methacrylate	10.508	69	68593	53.385	ug/l	93
57) 1,3-Dichloropropane	10.789	76	84175	48.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	136990	228.020	ug/l	91
59) 2-Hexanone	10.831	43	168067	237.984	ug/l	96
60) Dibromochloromethane	10.984	129	70915	55.250	ug/l	98
61) 1,2-Dibromoethane	11.087	107	51269	51.779	ug/l	99
64) Tetrachloroethene	10.715	164	69340	55.017	ug/l	98
65) Chlorobenzene	11.514	112	179113	51.465	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	72696	55.716	ug/l	97
67) Ethyl Benzene	11.593	91	316177	52.600	ug/l	98
68) m/p-Xylenes	11.703	106	254825	109.590	ug/l	99
69) o-Xylene	12.026	106	120279	55.768	ug/l	96
70) Styrene	12.044	104	200808	55.658	ug/l	99
71) Bromoform	12.209	173	48080	59.426	ug/l #	98
73) Isopropylbenzene	12.331	105	322363	53.433	ug/l	99
74) N-amyl acetate	12.142	43	75774	45.745	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	58463	46.263	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	79777	81.253	ug/l #	100
77) Bromobenzene	12.605	156	80376	53.587	ug/l	87
78) n-propylbenzene	12.672	91	377940	50.950	ug/l	97
79) 2-Chlorotoluene	12.758	91	213885	50.814	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	272843	54.094	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	21501	48.837	ug/l	93
82) 4-Chlorotoluene	12.855	91	224409	51.227	ug/l	99
83) tert-Butylbenzene	13.075	119	243248	56.148	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	267399	54.134	ug/l	99
85) sec-Butylbenzene	13.251	105	348325	53.249	ug/l	98
86) p-Isopropyltoluene	13.367	119	301956	56.072	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	157591	53.002	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	156737	52.606	ug/l	99
89) n-Butylbenzene	13.697	91	273615	54.351	ug/l	99
90) Hexachloroethane	13.959	117	55506	49.478	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	139617	52.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10469	49.785	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	77831	50.262	ug/l	100
94) Hexachlorobutadiene	15.111	225	47420	49.792	ug/l	99
95) Naphthalene	15.233	128	155846	47.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	68828	50.449	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
Data File : VY013207.D
Acq On : 05 Apr 2023 17:12
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

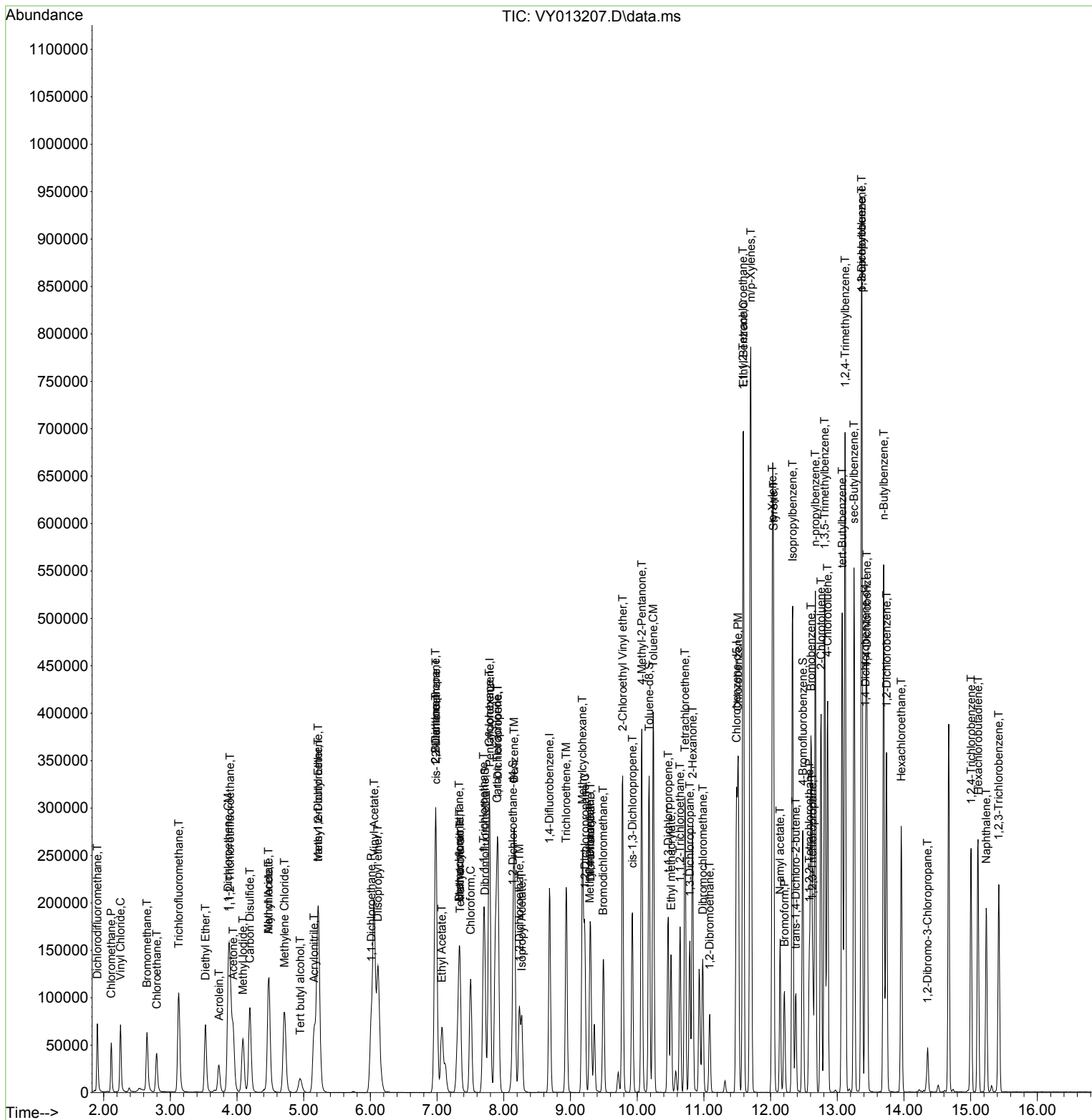
Quant Time: Apr 06 01:28:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

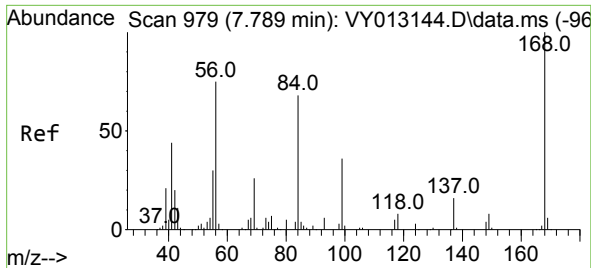
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 06 01:28:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

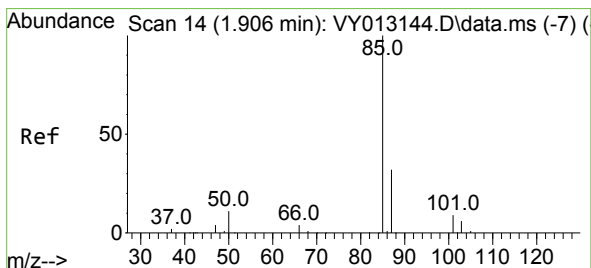
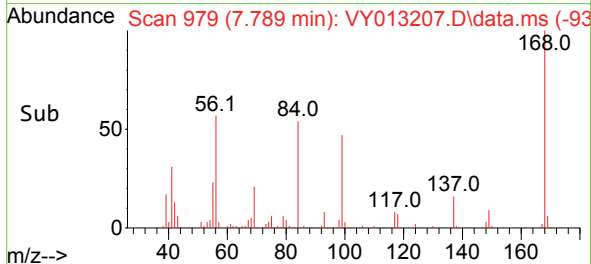
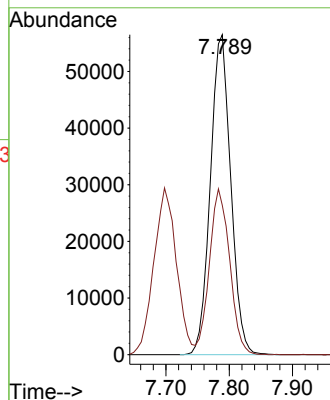
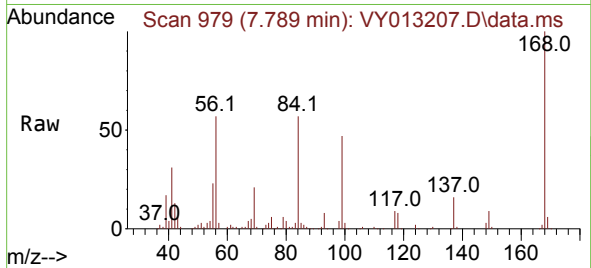




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

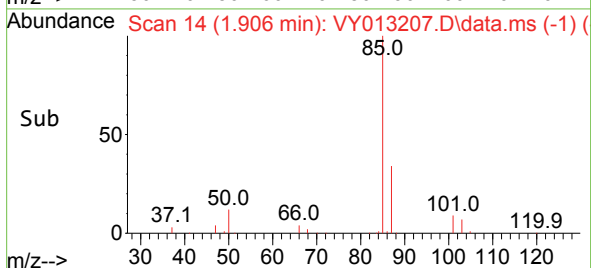
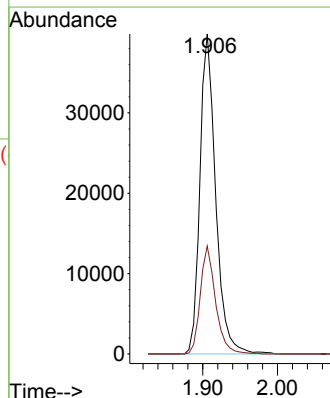
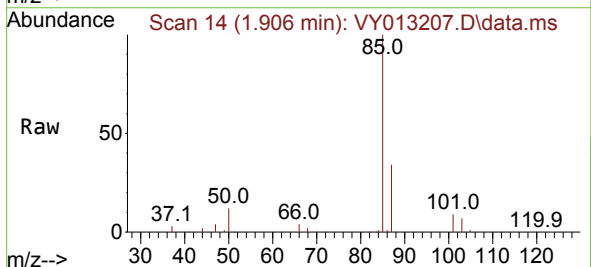
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

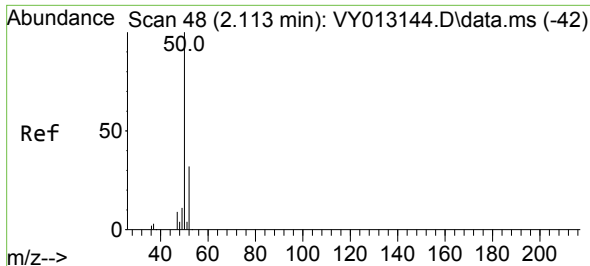
Tgt Ion:168 Resp: 126616
Ion Ratio Lower Upper
168 100
99 46.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 46.860 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 85 Resp: 58163
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.0

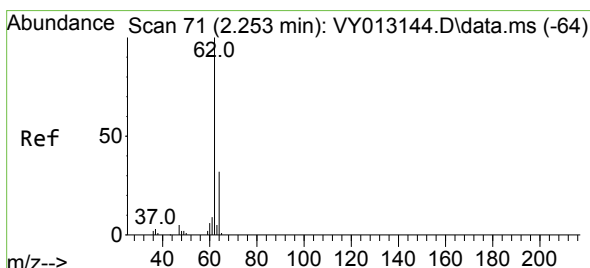
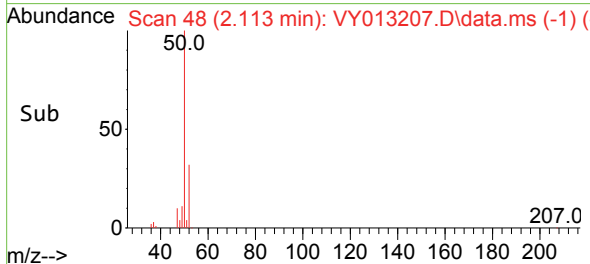
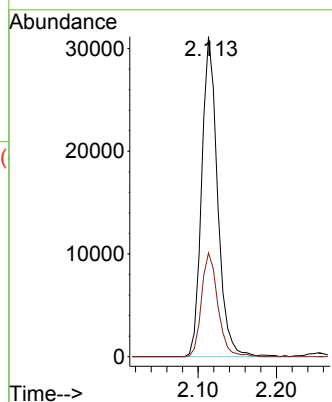
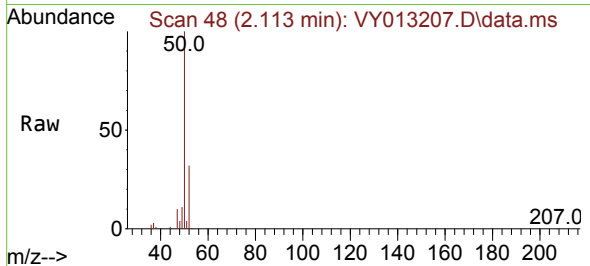




#3
Chloromethane
Concen: 33.927 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

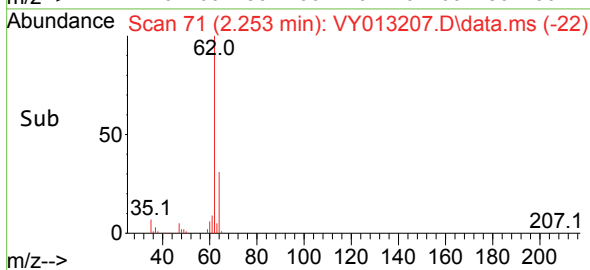
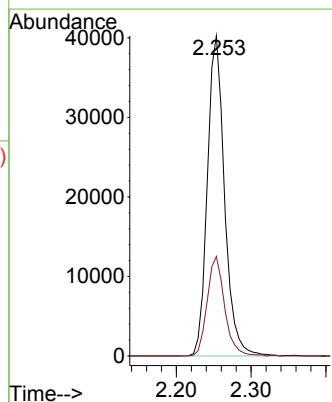
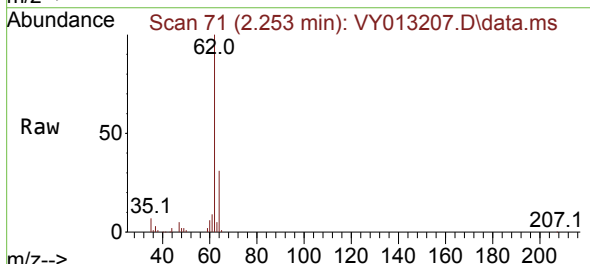
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

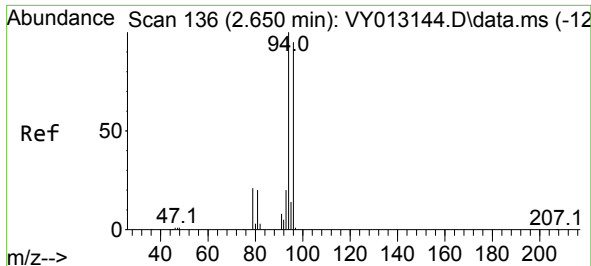
Tgt Ion: 50 Resp: 43915
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 49.482 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 62 Resp: 64215
Ion Ratio Lower Upper
62 100
64 31.1 25.6 38.4

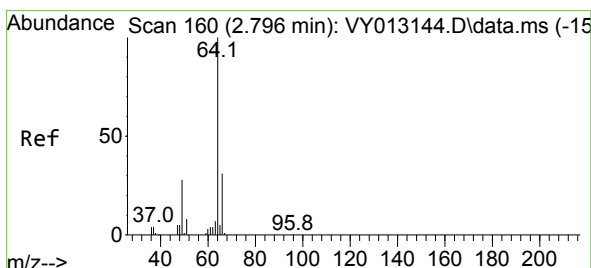
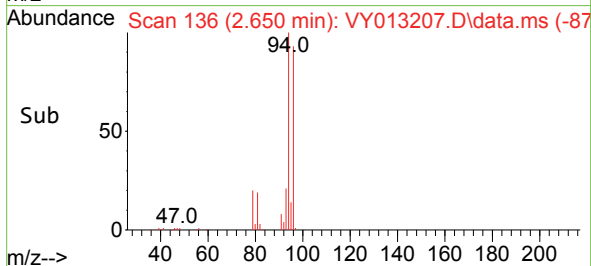
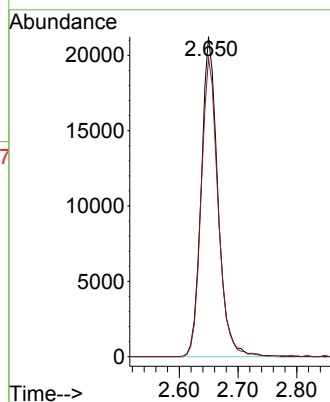
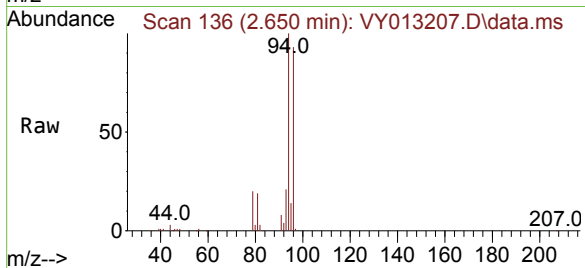




#5
Bromomethane
Concen: 45.683 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

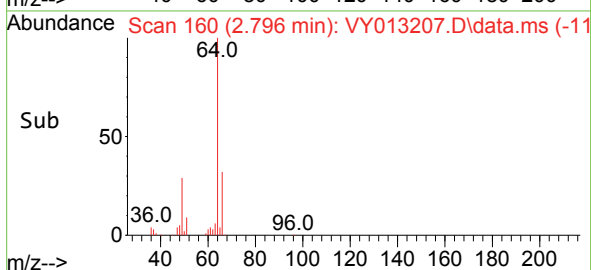
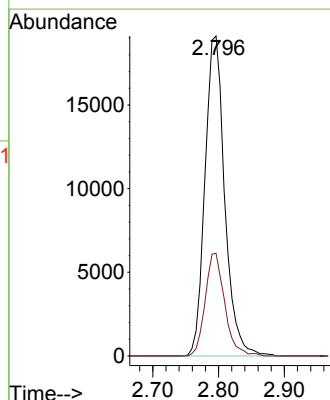
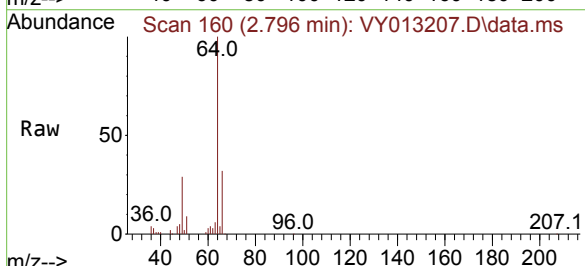
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

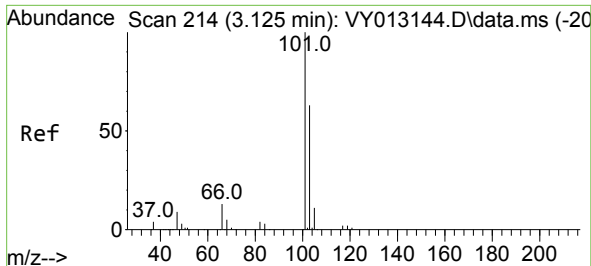
Tgt Ion: 94 Resp: 41839
Ion Ratio Lower Upper
94 100
96 93.3 80.3 120.5



#6
Chloroethane
Concen: 49.215 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 64 Resp: 40008
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

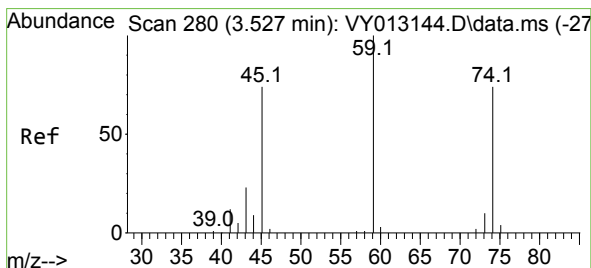
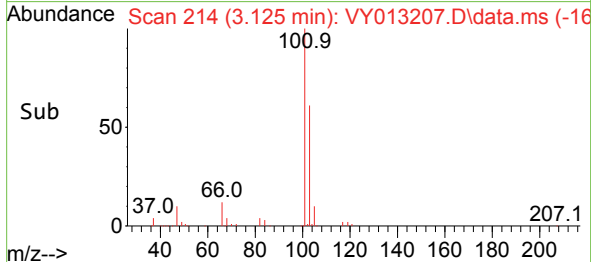
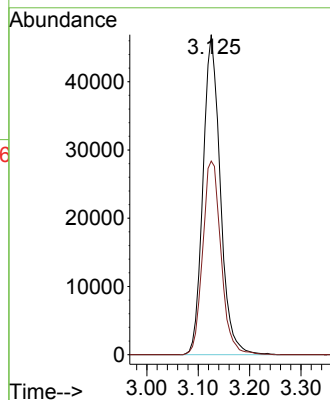
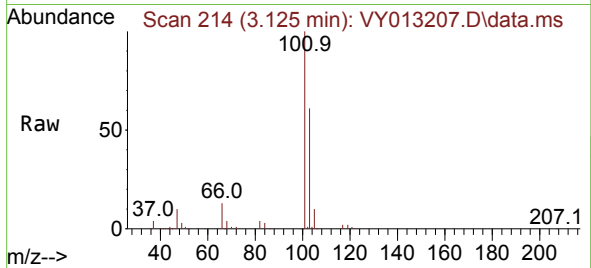




#7
 Trichlorofluoromethane
 Concen: 47.437 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013207.D
 Acq: 05 Apr 2023 17:12

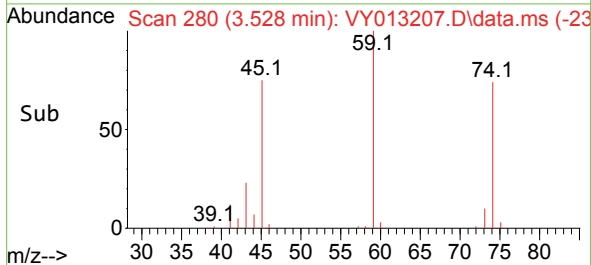
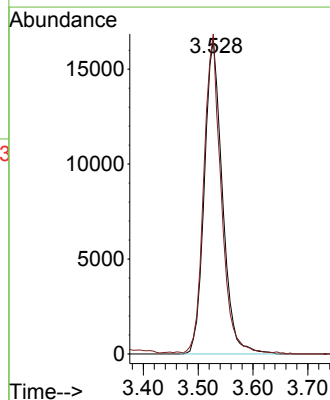
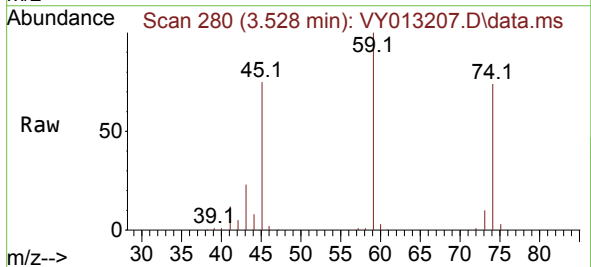
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

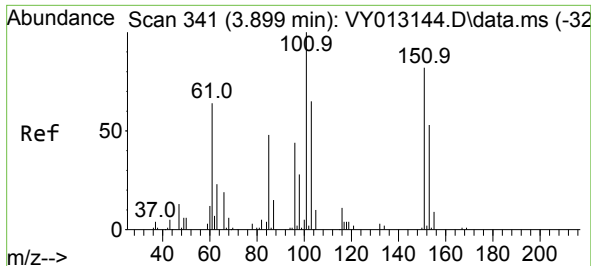
Tgt Ion:101 Resp: 109566
 Ion Ratio Lower Upper
 101 100
 103 60.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 51.970 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013207.D
 Acq: 05 Apr 2023 17:12

Tgt Ion: 74 Resp: 37693
 Ion Ratio Lower Upper
 74 100
 45 97.1 52.1 156.4

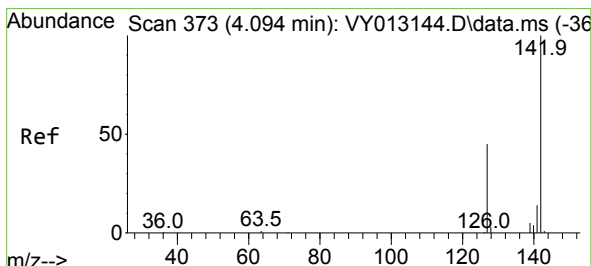
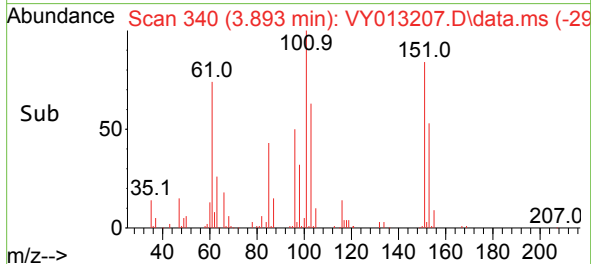
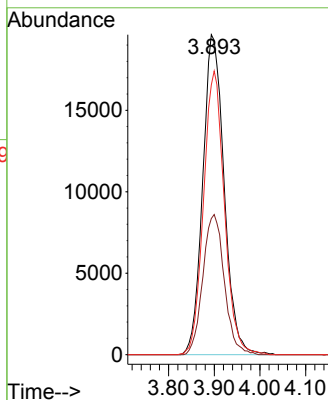
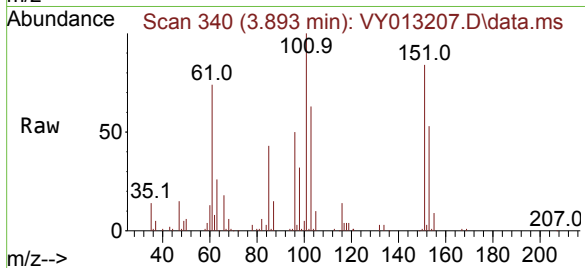




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.965 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

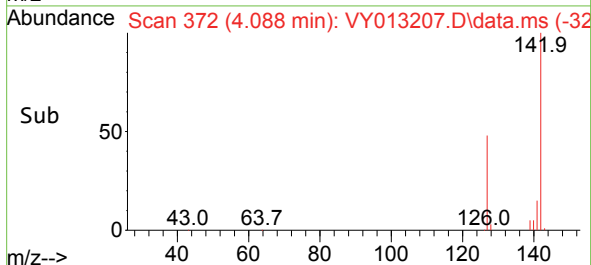
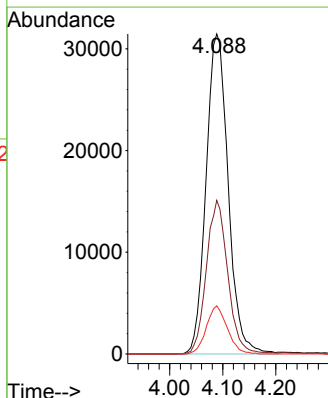
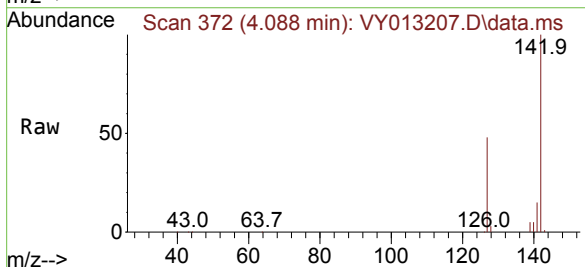
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

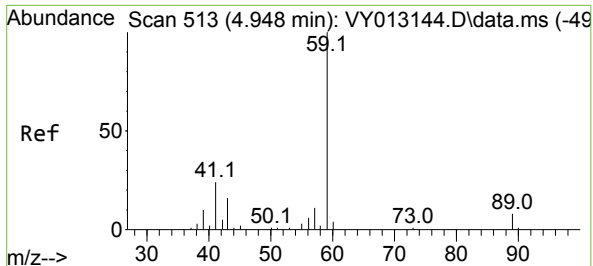
Tgt Ion:101 Resp: 63624
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 86.7 63.1 94.7



#10
Methyl Iodide
Concen: 54.964 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion:142 Resp: 91140
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.2
141 14.2 11.3 16.9

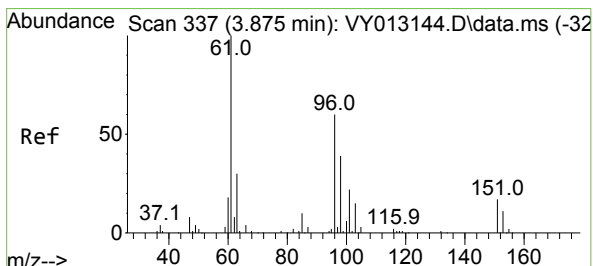
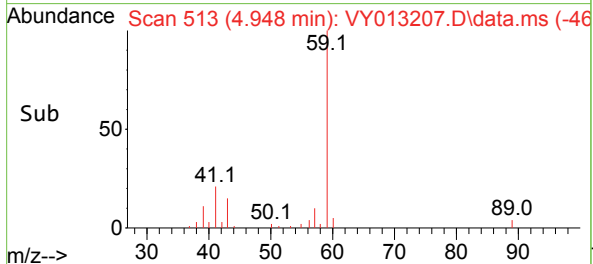
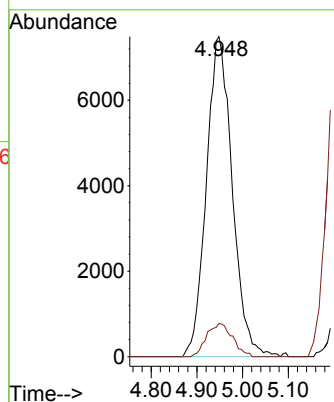
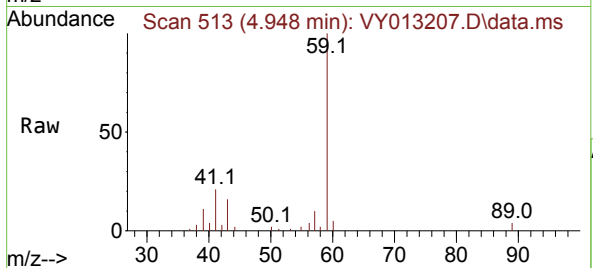




#11
Tert butyl alcohol
Concen: 240.320 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

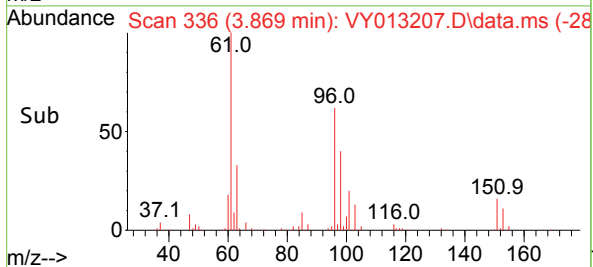
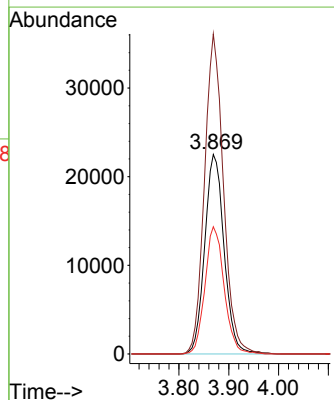
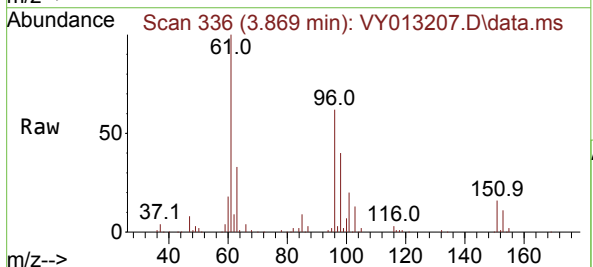
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

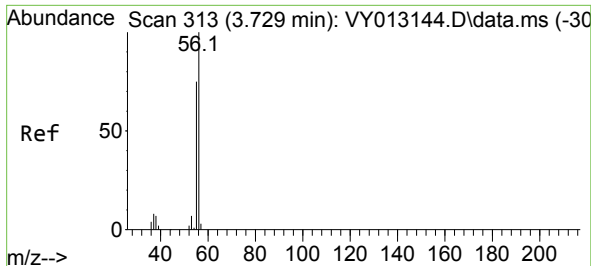
Tgt Ion: 59 Resp: 29473
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.432 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 96 Resp: 60849
Ion Ratio Lower Upper
96 100
61 160.3 131.7 197.5
98 63.7 52.0 78.0





#13

Acrolein

Concen: 197.007 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

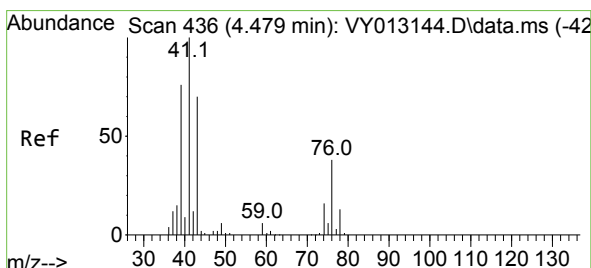
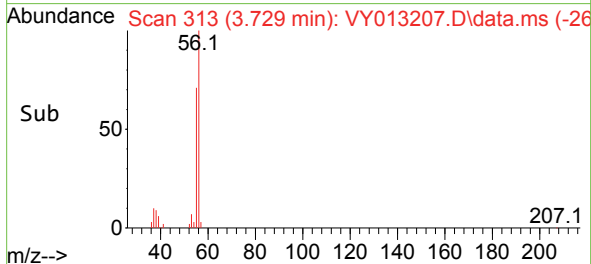
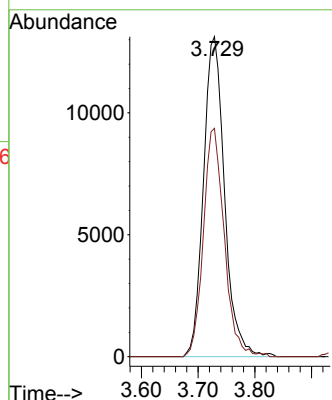
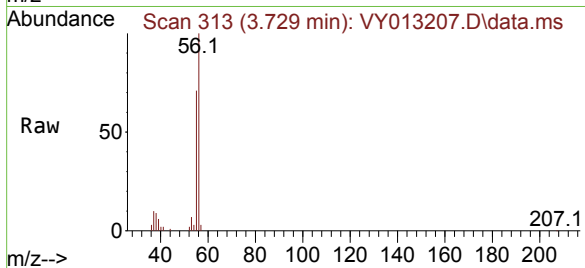
VSTDCCC050EC

Tgt Ion: 56 Resp: 33906

Ion Ratio Lower Upper

56 100

55 70.4 56.8 85.2



#14

Allyl chloride

Concen: 44.205 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

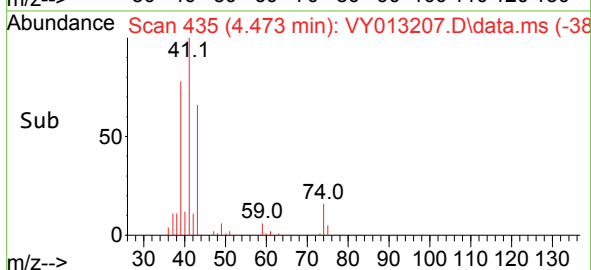
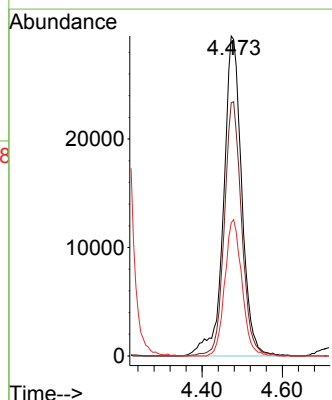
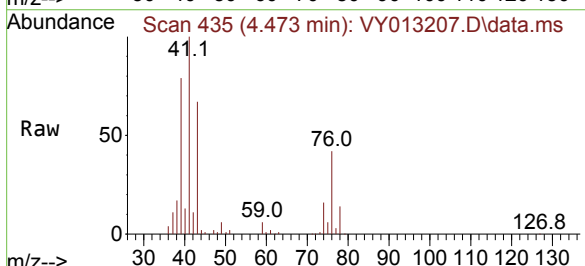
Tgt Ion: 41 Resp: 92715

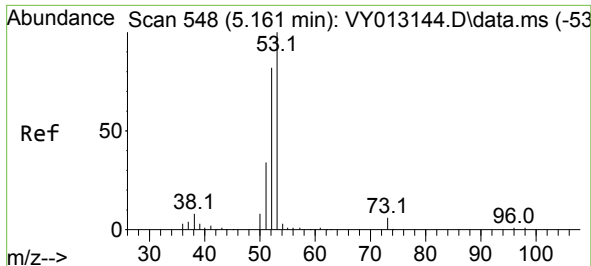
Ion Ratio Lower Upper

41 100

39 75.8 53.6 80.4

76 40.2 27.2 40.8

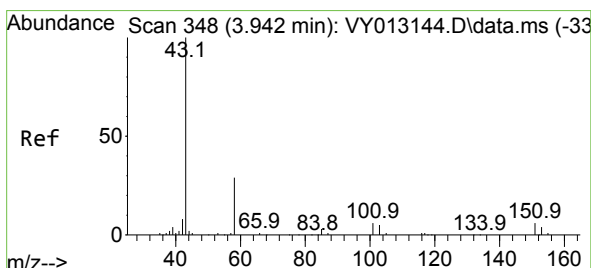
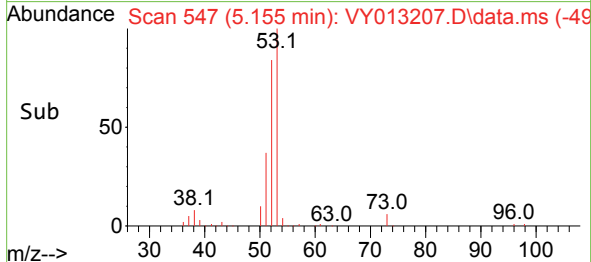
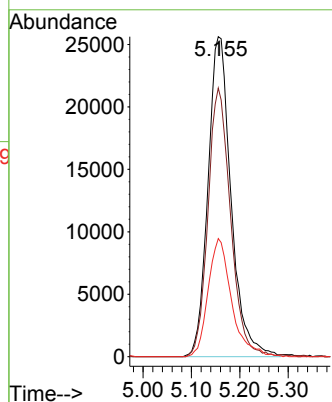
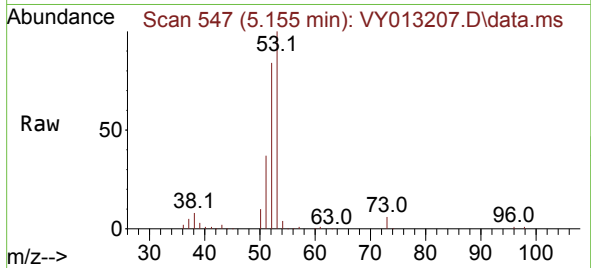




#15
Acrylonitrile
Concen: 235.697 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

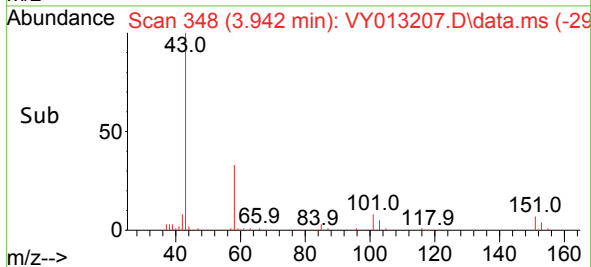
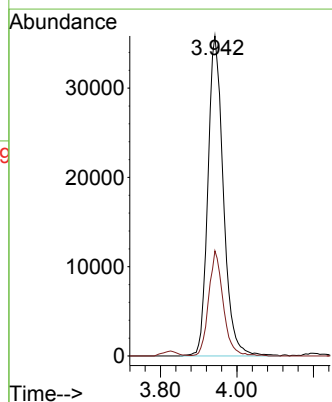
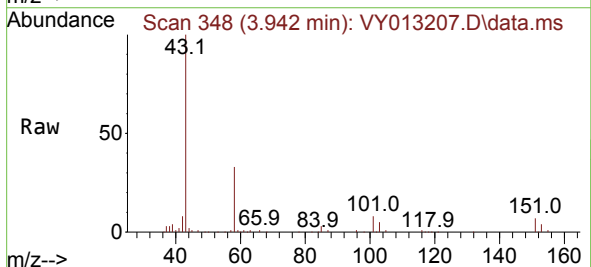
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

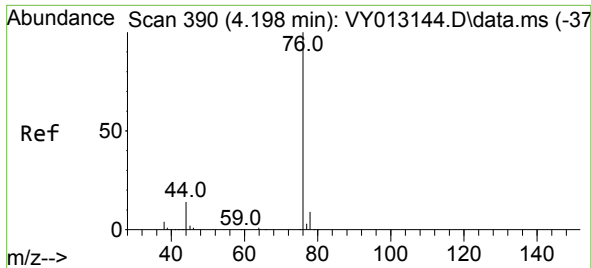
Tgt Ion: 53 Resp: 84946
Ion Ratio Lower Upper
53 100
52 82.1 66.3 99.5
51 37.7 28.8 43.2



#16
Acetone
Concen: 242.057 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 43 Resp: 100717
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.2

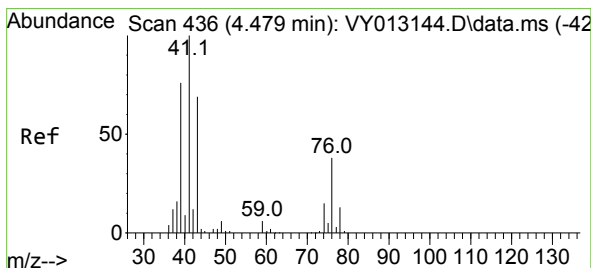
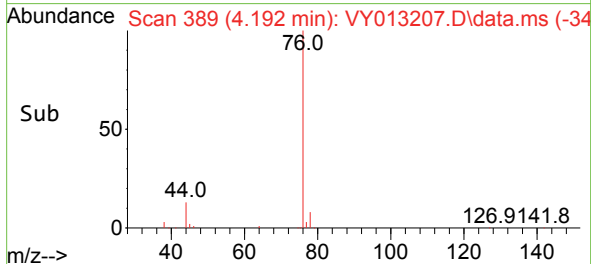
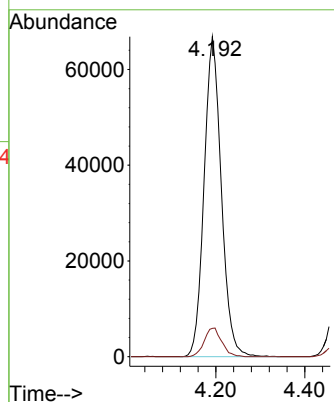
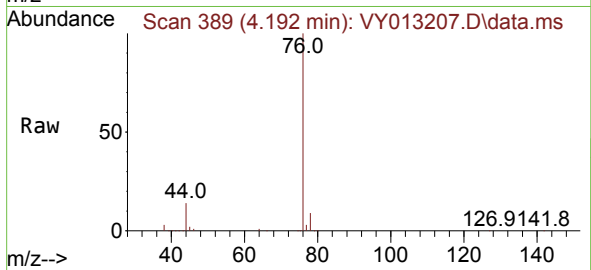




#17
Carbon Disulfide
Concen: 43.931 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

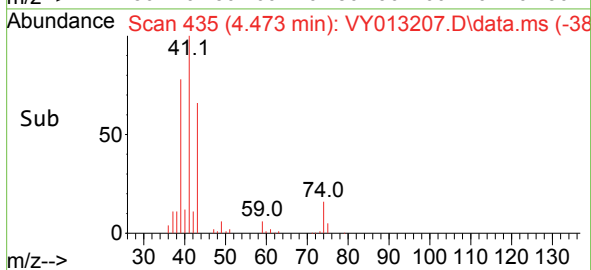
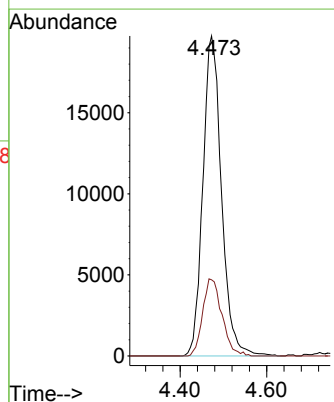
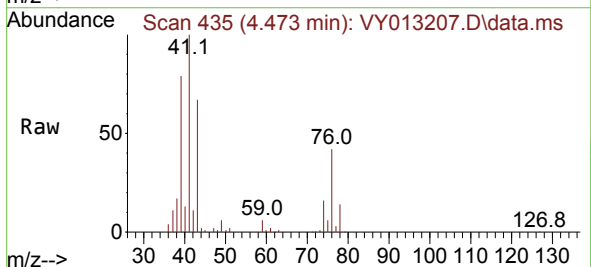
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

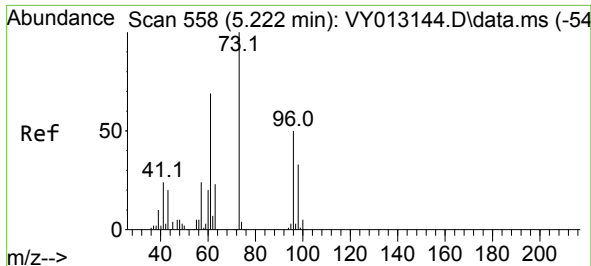
Tgt Ion: 76 Resp: 180090
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 44.918 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 43 Resp: 58890
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

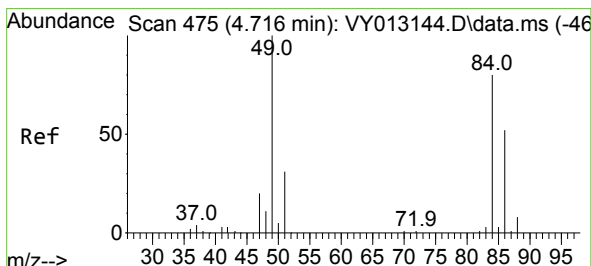
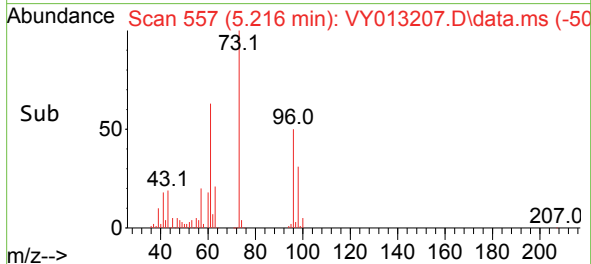
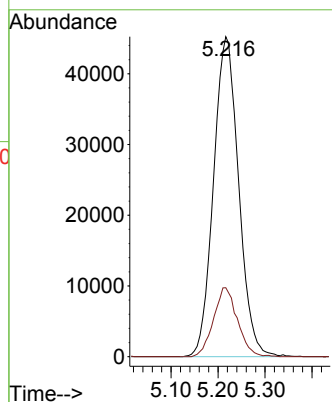
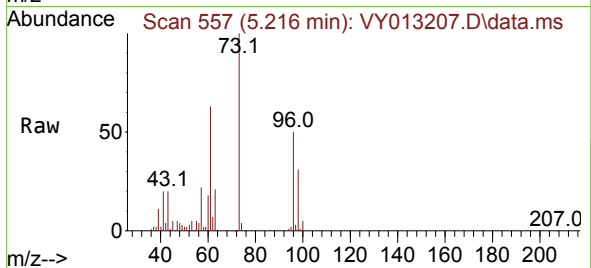




#19
Methyl tert-butyl Ether
Concen: 53.831 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

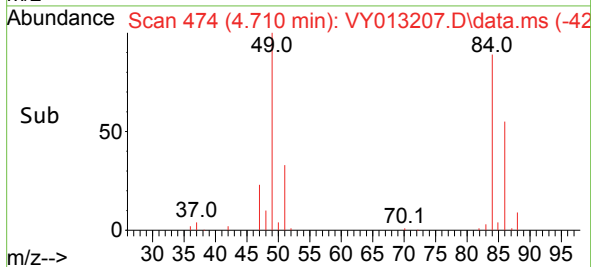
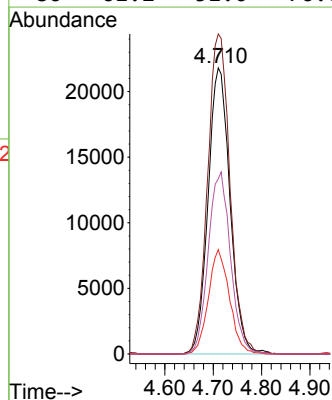
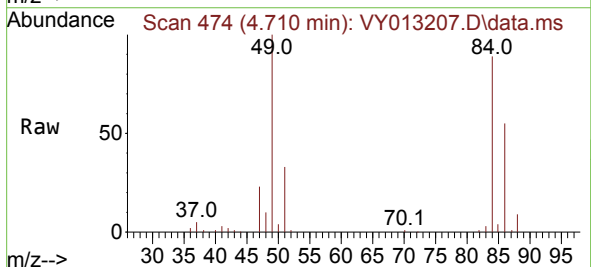
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

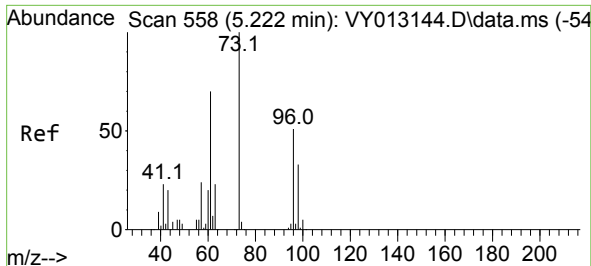
Tgt Ion: 73 Resp: 167913
Ion Ratio Lower Upper
73 100
57 21.5 18.3 27.5



#20
Methylene Chloride
Concen: 47.613 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 84 Resp: 68758
Ion Ratio Lower Upper
84 100
49 111.9 102.6 154.0
51 36.4 31.9 47.9
86 61.2 51.0 76.6

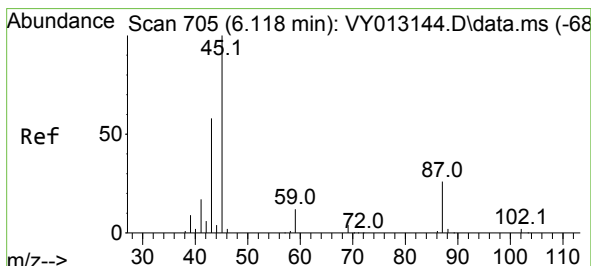
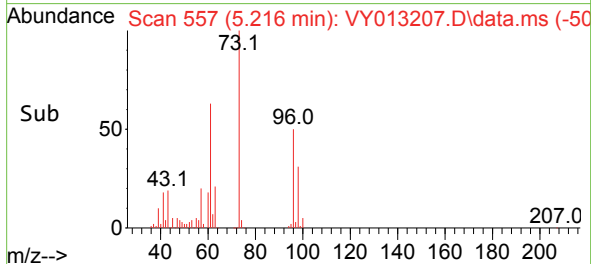
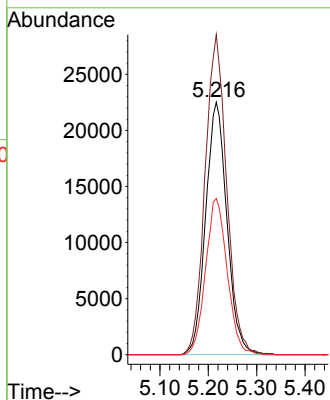
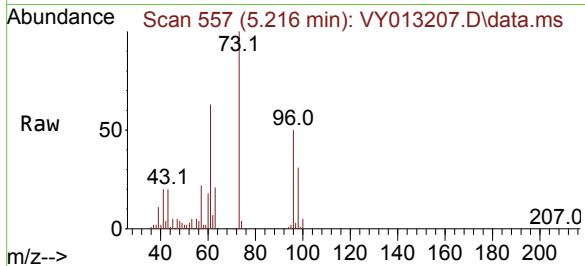




#21
trans-1,2-Dichloroethene
Concen: 49.672 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

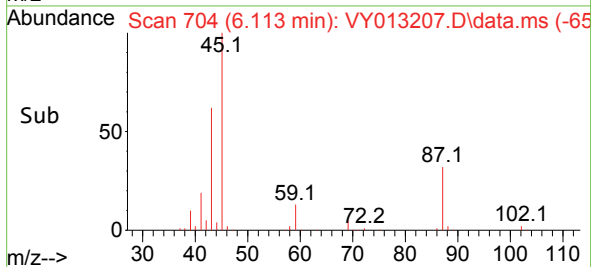
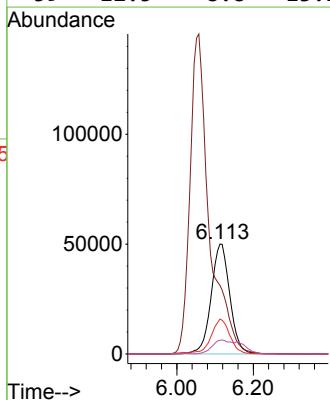
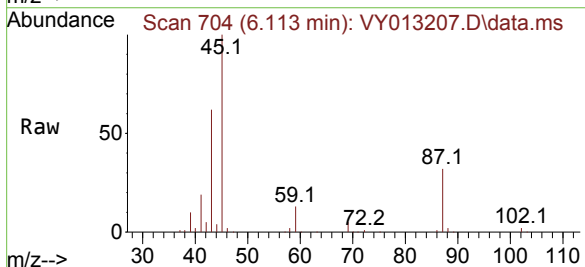
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

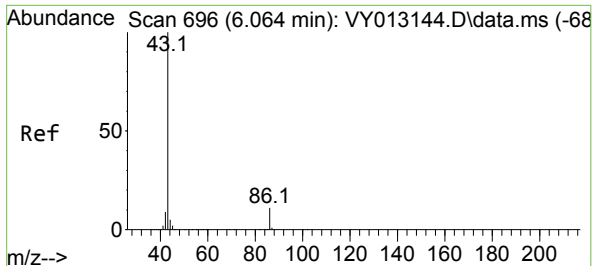
Tgt Ion: 96 Resp: 68892
Ion Ratio Lower Upper
96 100
61 126.7 111.4 167.0
98 61.9 50.8 76.2



#22
Diisopropyl ether
Concen: 41.438 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 45 Resp: 169804
Ion Ratio Lower Upper
45 100
43 62.0 45.0 67.6
87 31.7 20.3 30.5#
59 12.5 8.8 13.2

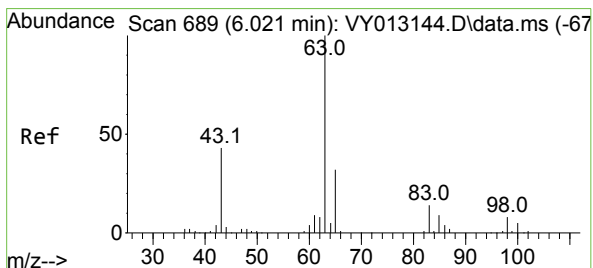
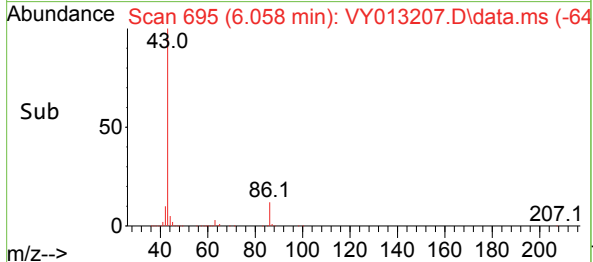
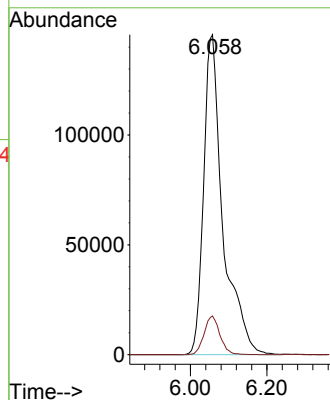
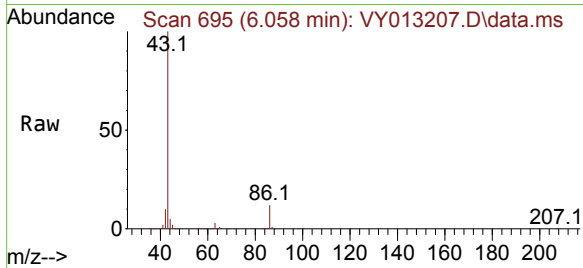




#23
 Vinyl Acetate
 Concen: 218.163 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013207.D
 Acq: 05 Apr 2023 17:12

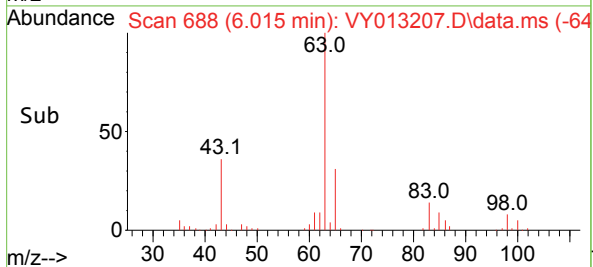
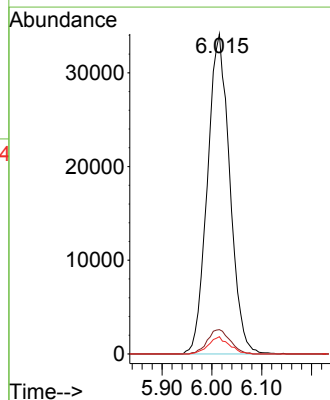
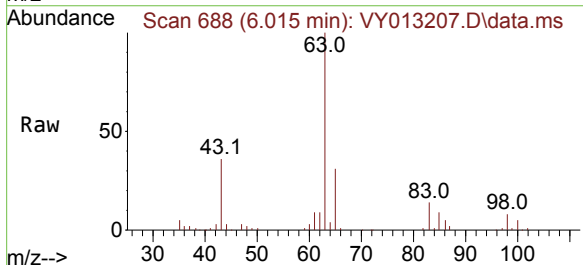
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

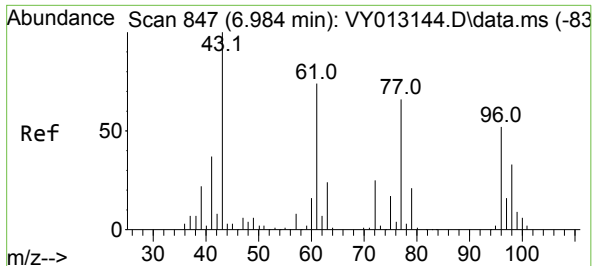
Tgt Ion: 43 Resp: 508376
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 43.762 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013207.D
 Acq: 05 Apr 2023 17:12

Tgt Ion: 63 Resp: 106207
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 5.4 2.3 6.8





#25

2-Butanone

Concen: 212.027 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013207.D

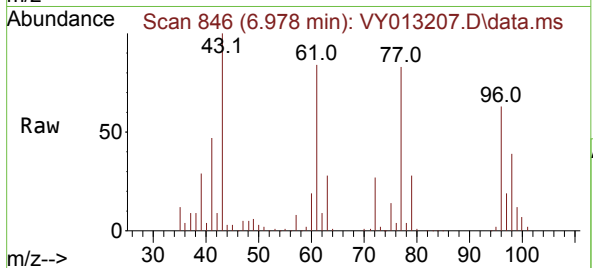
Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

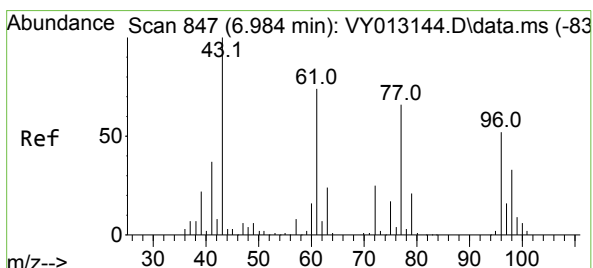
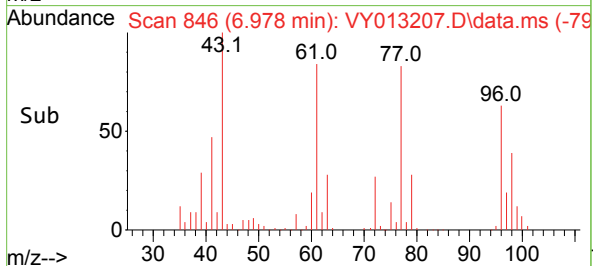
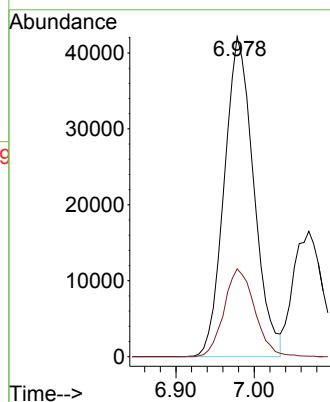


Tgt Ion: 43 Resp: 110313

Ion Ratio Lower Upper

43 100

72 27.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.316 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013207.D

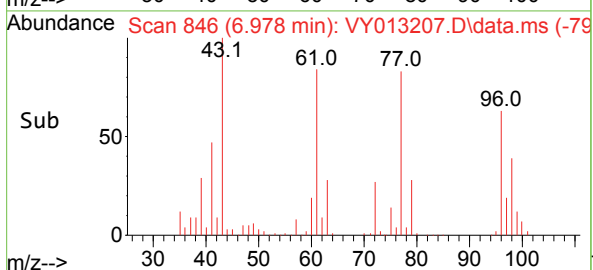
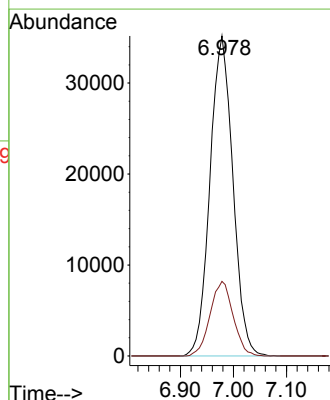
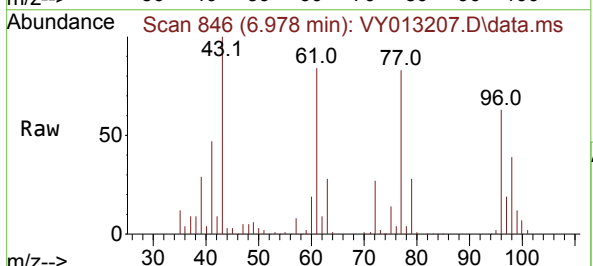
Acq: 05 Apr 2023 17:12

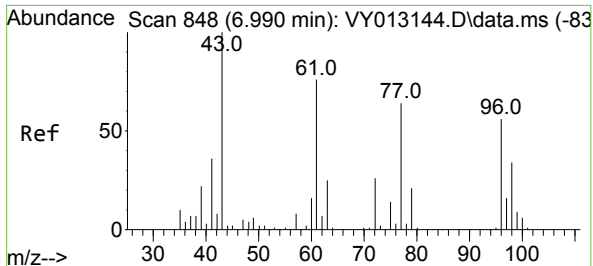
Tgt Ion: 77 Resp: 105468

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.954 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

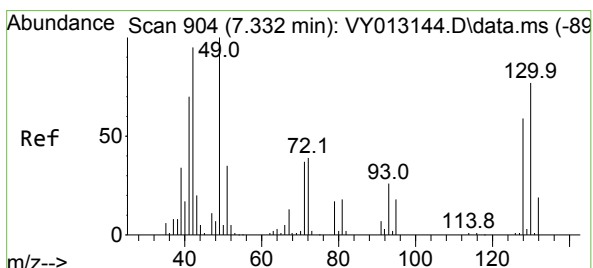
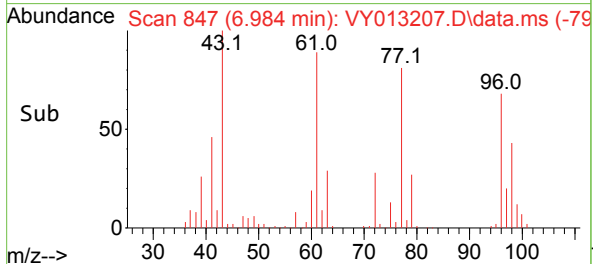
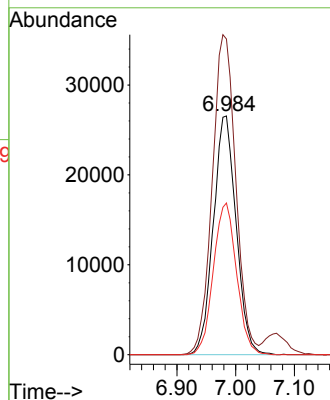
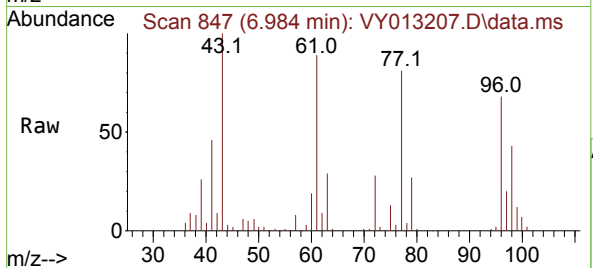
Tgt Ion: 96 Resp: 71653

Ion Ratio Lower Upper

96 100

61 138.4 0.0 295.8

98 64.6 0.0 130.2



#28

Bromochloromethane

Concen: 39.308 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

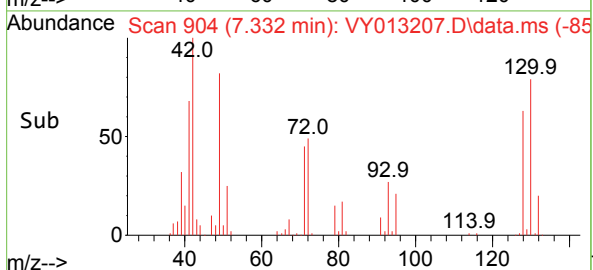
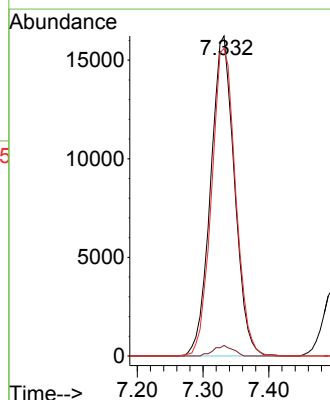
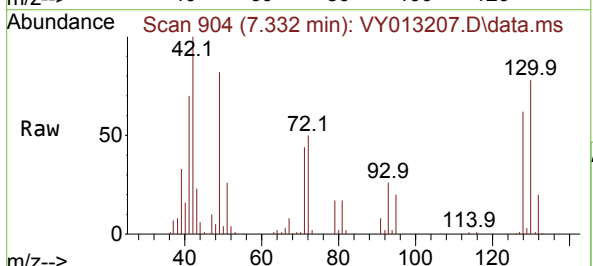
Tgt Ion: 49 Resp: 40934

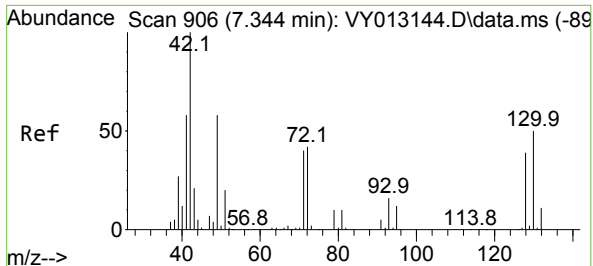
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 97.1 60.5 90.7#





#29

Tetrahydrofuran

Concen: 209.415 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

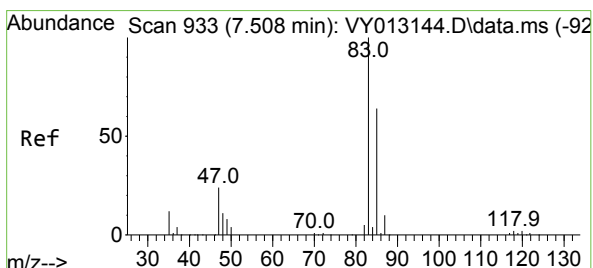
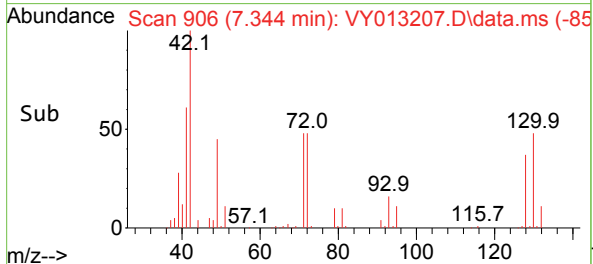
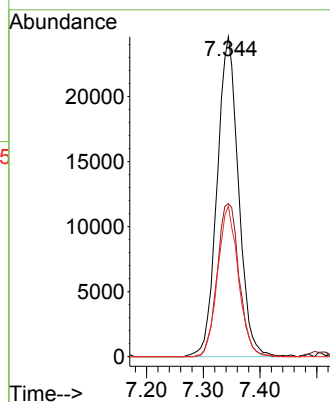
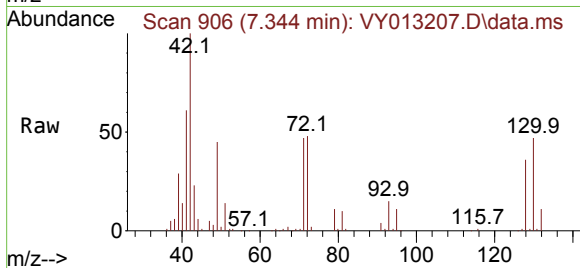
Tgt Ion: 42 Resp: 64497

Ion Ratio Lower Upper

42 100

72 49.1 32.3 48.5#

71 45.8 30.3 45.5#



#30

Chloroform

Concen: 47.355 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.005 min

Lab File: VY013207.D

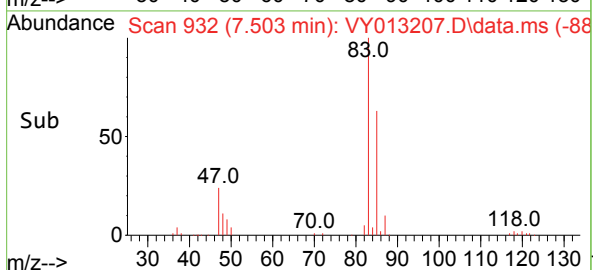
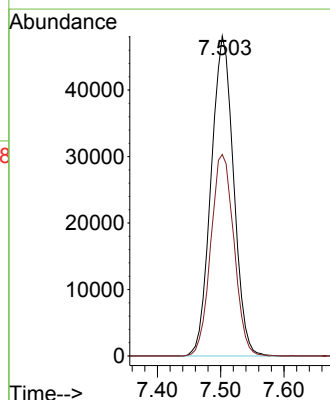
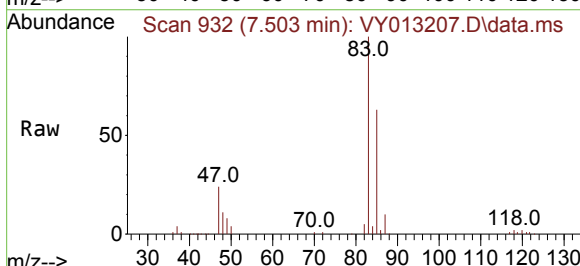
Acq: 05 Apr 2023 17:12

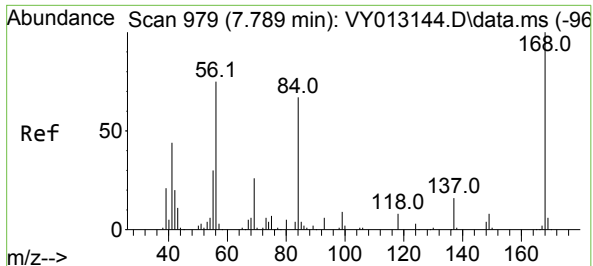
Tgt Ion: 83 Resp: 119011

Ion Ratio Lower Upper

83 100

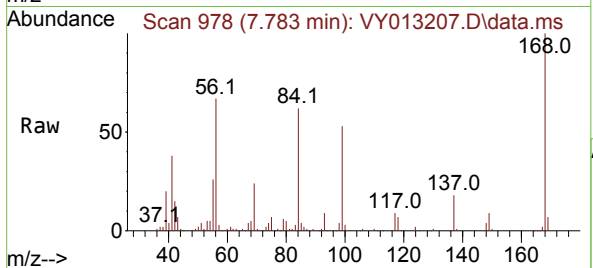
85 62.9 51.4 77.0



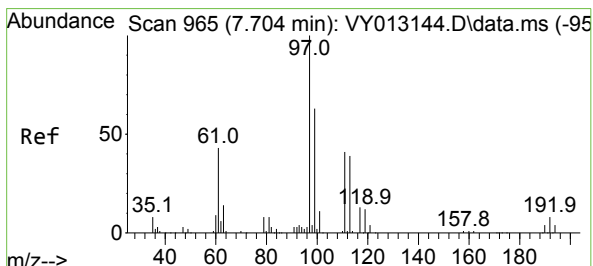
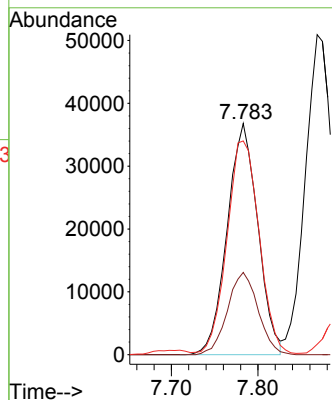
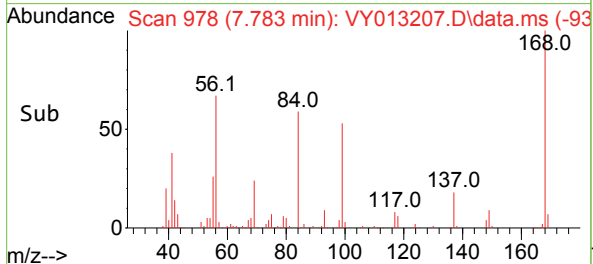


#31
Cyclohexane
Concen: 40.683 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

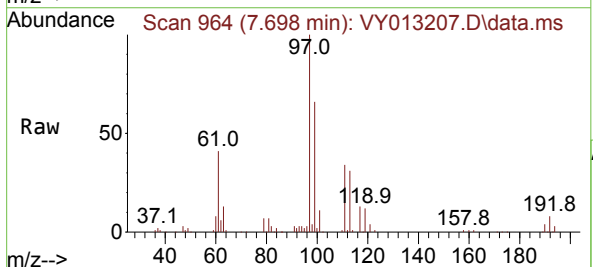
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



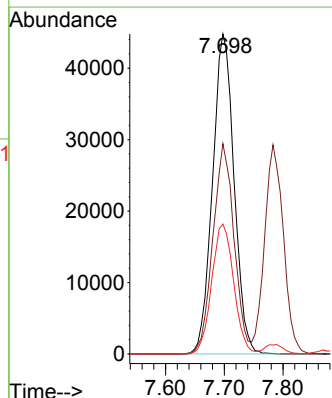
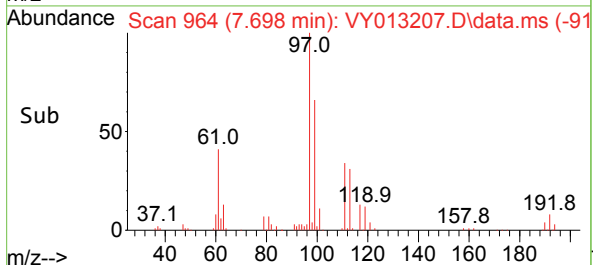
Tgt Ion: 56 Resp: 90375
Ion Ratio Lower Upper
56 100
69 35.6 25.7 38.5
84 90.5 64.3 96.5

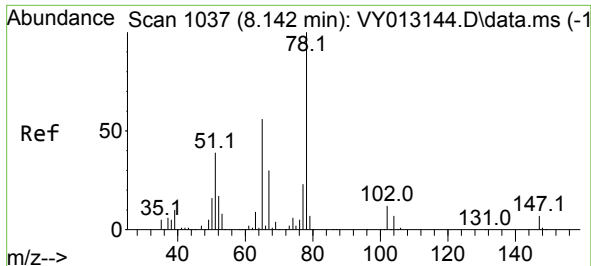


#32
1,1,1-Trichloroethane
Concen: 51.279 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12



Tgt Ion: 97 Resp: 113943
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 41.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.612 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

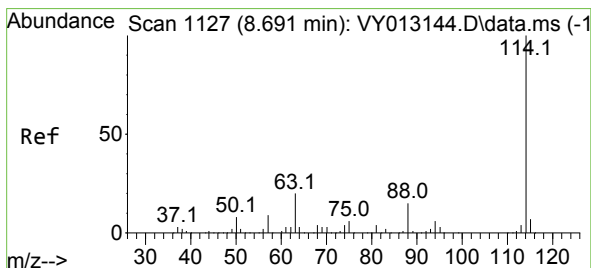
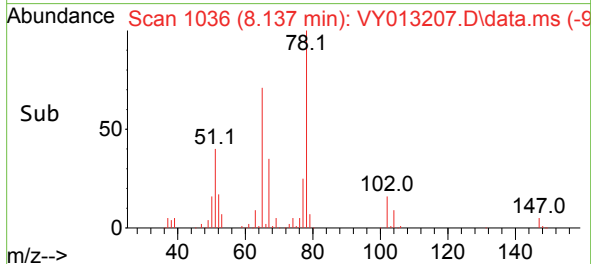
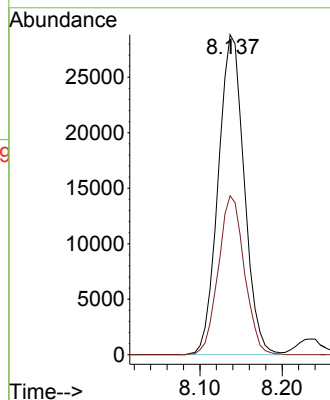
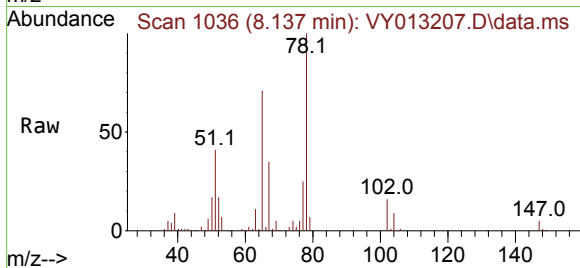
VSTDCCC050EC

Tgt Ion: 65 Resp: 63426

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

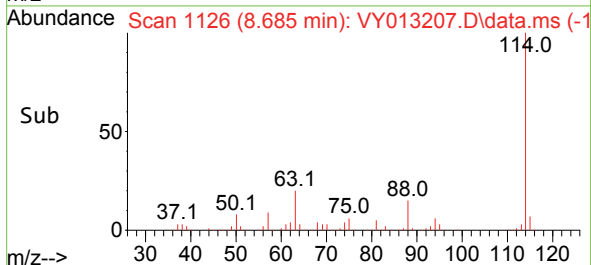
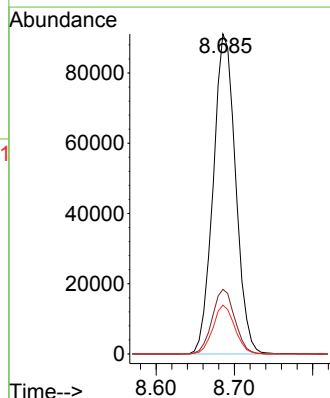
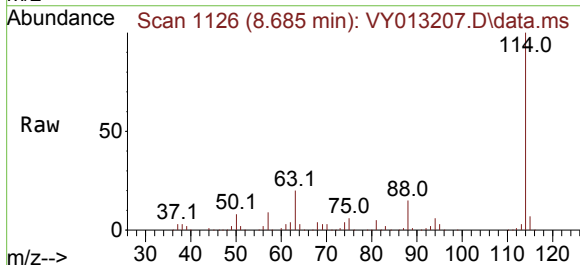
Tgt Ion: 114 Resp: 180934

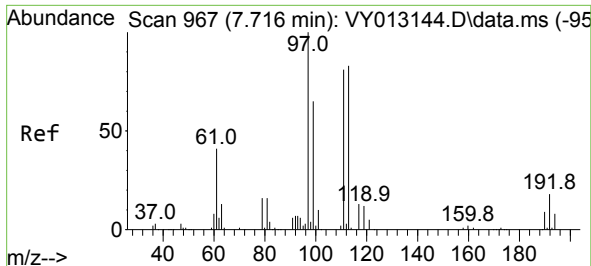
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.2 0.0 28.6

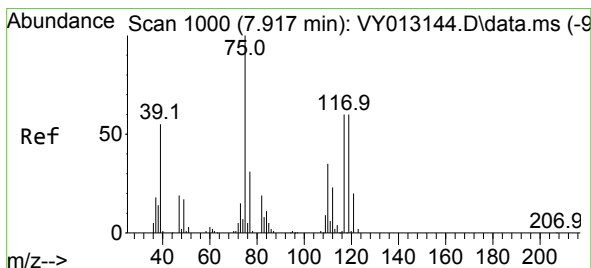
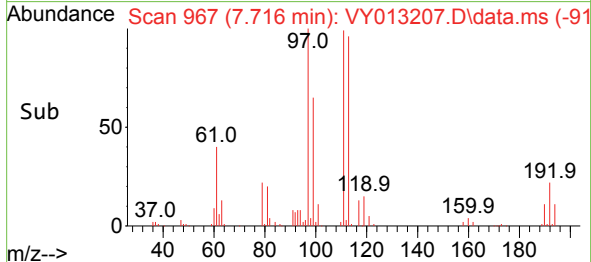
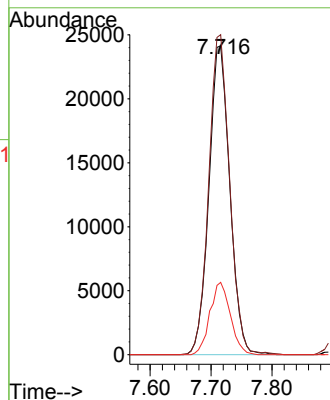
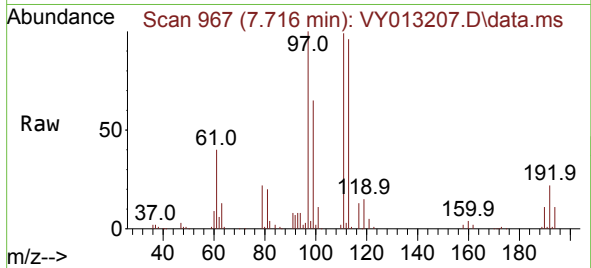




#35
Dibromofluoromethane
Concen: 48.790 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

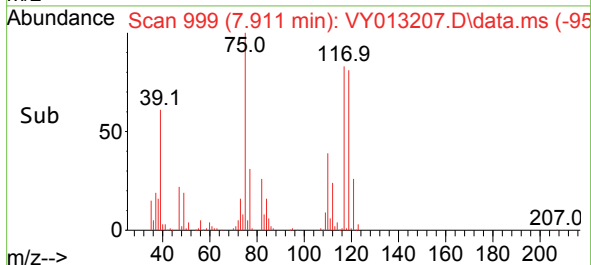
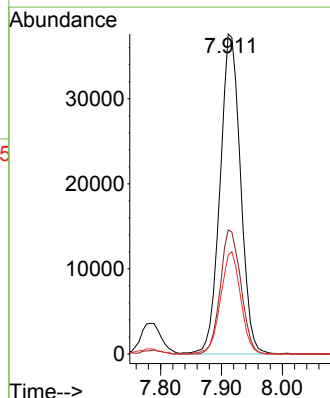
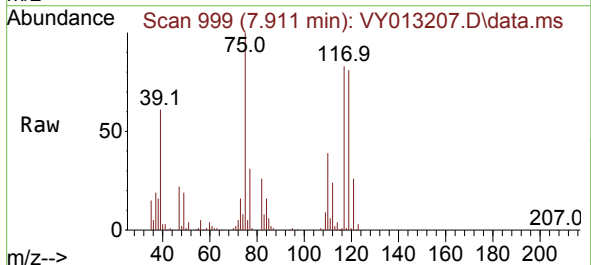
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

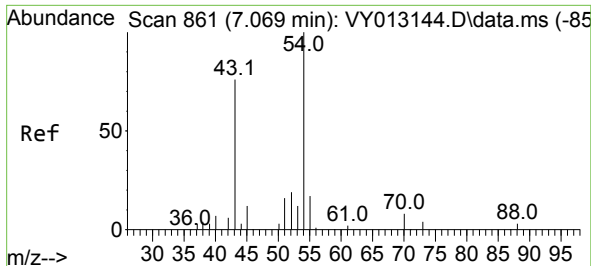
Tgt Ion:113 Resp: 57669
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 22.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.344 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 75 Resp: 87803
Ion Ratio Lower Upper
75 100
110 38.9 17.8 53.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 44.857 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

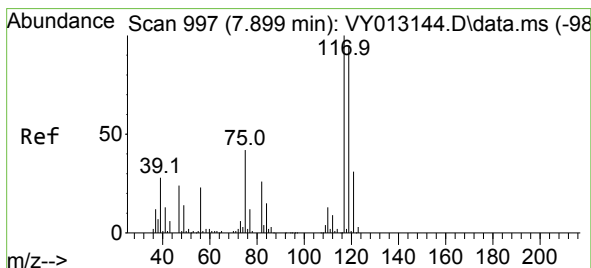
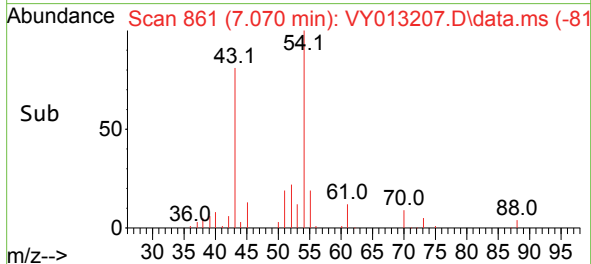
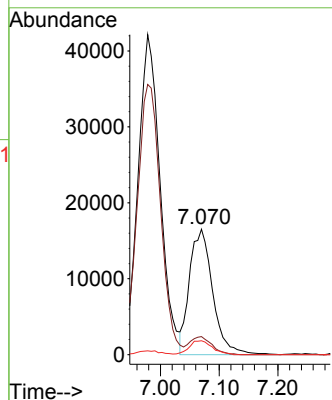
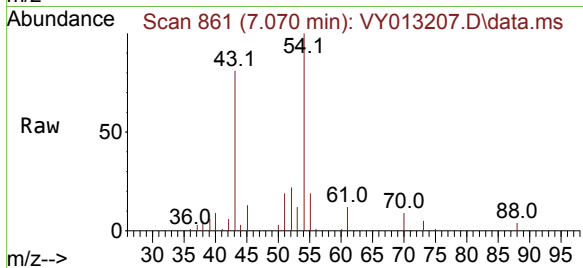
Tgt Ion: 43 Resp: 45342

Ion Ratio Lower Upper

43 100

61 13.8 10.7 16.1

70 11.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.967 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

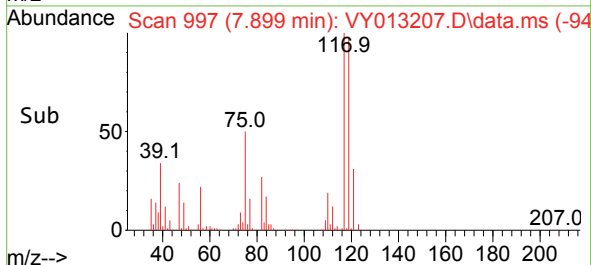
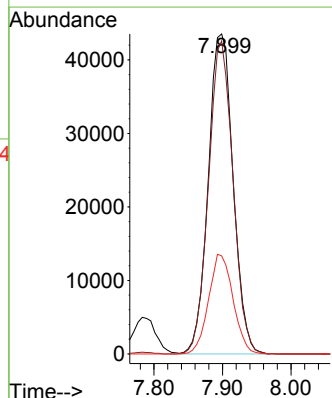
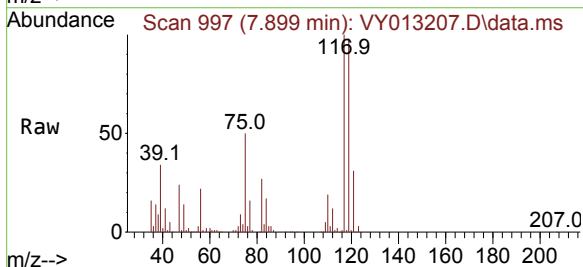
Tgt Ion: 117 Resp: 109883

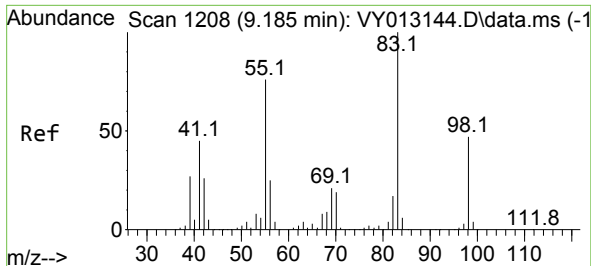
Ion Ratio Lower Upper

117 100

119 97.8 77.2 115.8

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 50.516 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

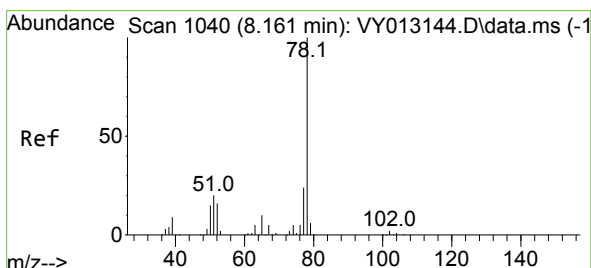
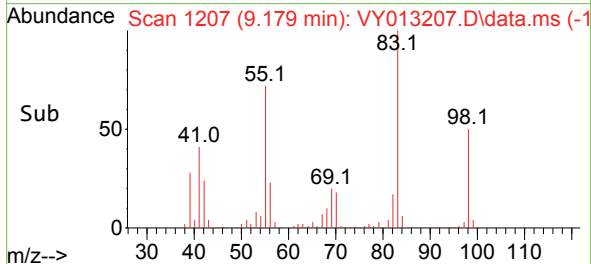
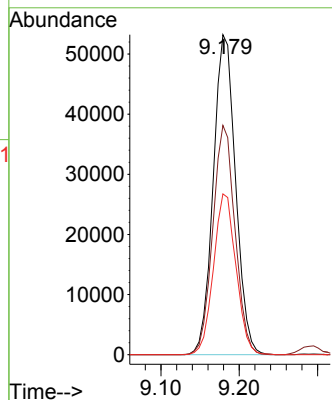
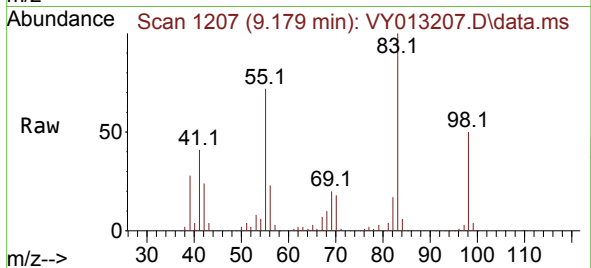
Tgt Ion: 83 Resp: 105454

Ion Ratio Lower Upper

83 100

55 71.7 60.0 90.0

98 50.3 38.3 57.5



#40

Benzene

Concen: 48.659 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013207.D

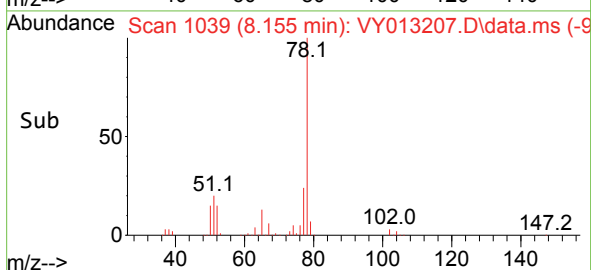
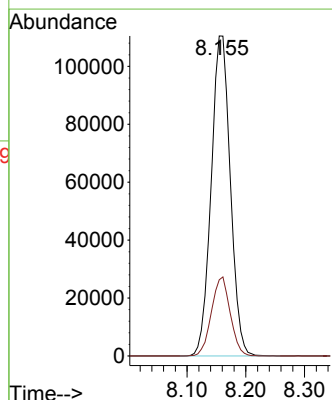
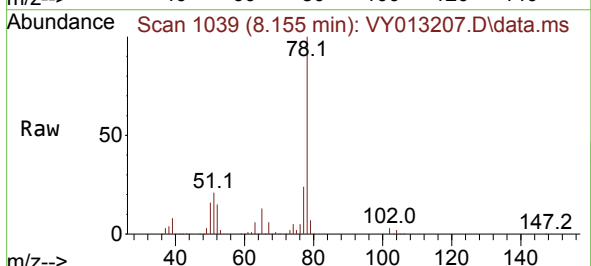
Acq: 05 Apr 2023 17:12

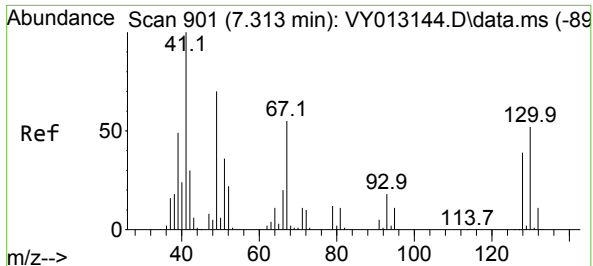
Tgt Ion: 78 Resp: 250076

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

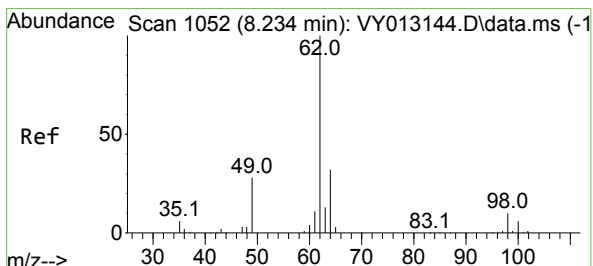
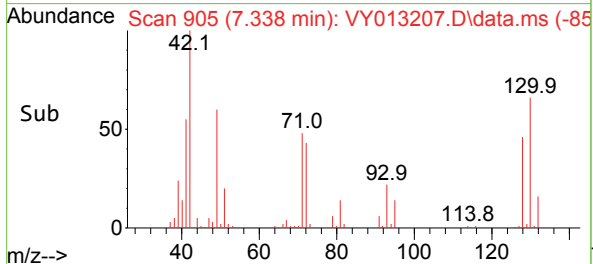
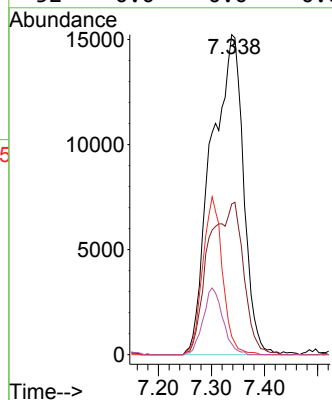
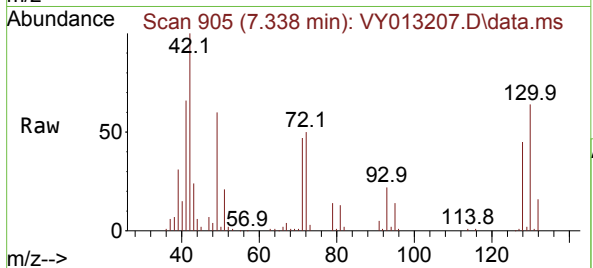




#41
Methacrylonitrile
Concen: 142.326 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.025 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

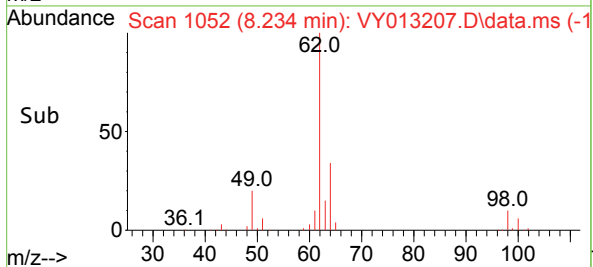
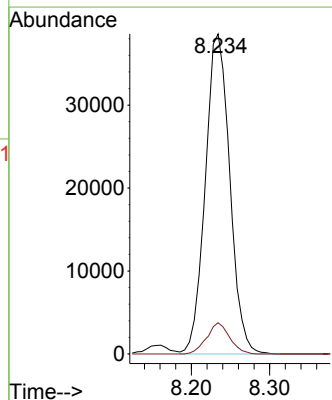
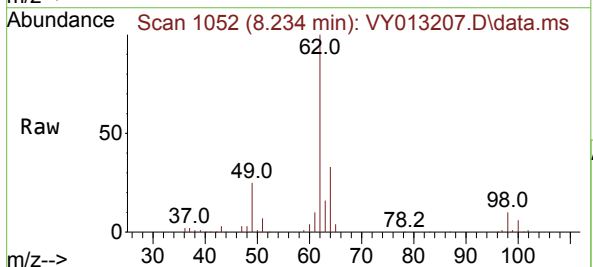
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

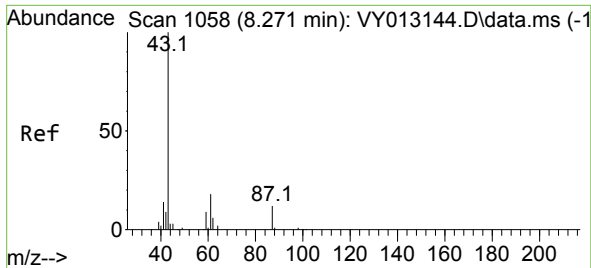
Tgt Ion: 41 Resp: 63823
Ion Ratio Lower Upper
41 100
39 51.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.154 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 62 Resp: 83696
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8

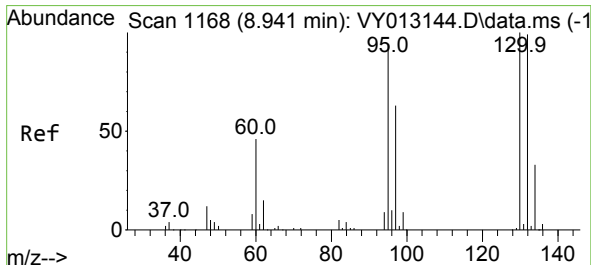
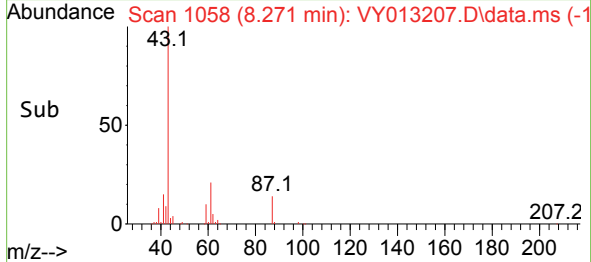
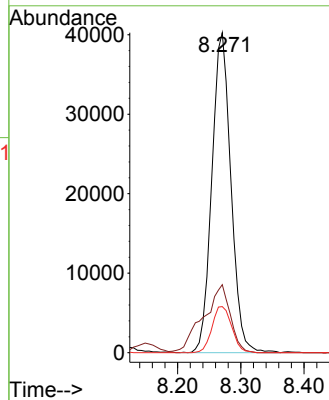
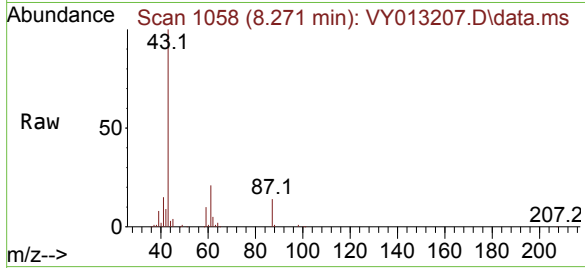




#43
Isopropyl Acetate
Concen: 46.528 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

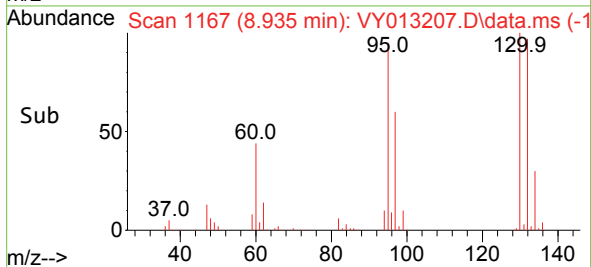
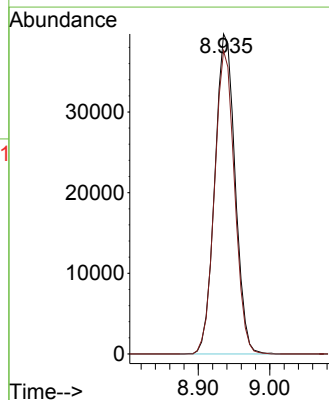
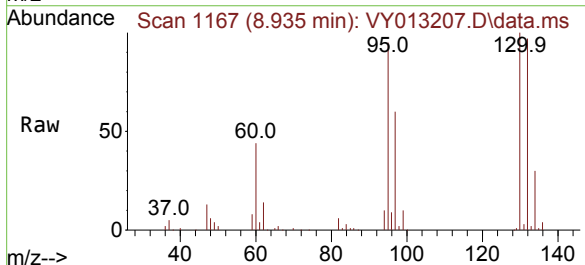
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

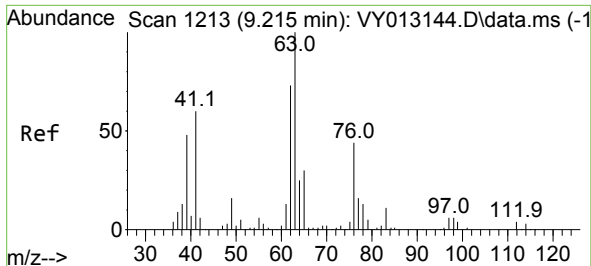
Tgt Ion: 43 Resp: 84184
Ion Ratio Lower Upper
43 100
61 30.0 21.6 32.4
87 14.9 9.9 14.9#



#44
Trichloroethene
Concen: 55.305 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion:130 Resp: 78245
Ion Ratio Lower Upper
130 100
95 94.8 0.0 185.0





#45

1,2-Dichloropropane

Concen: 45.344 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

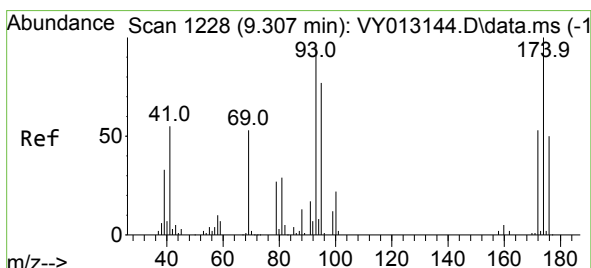
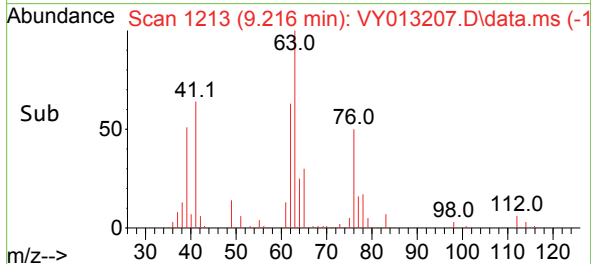
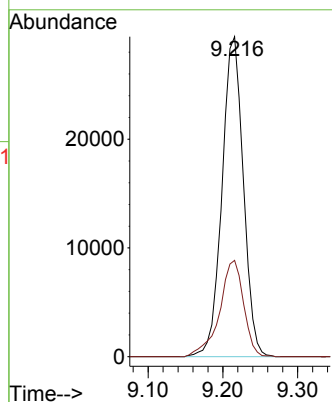
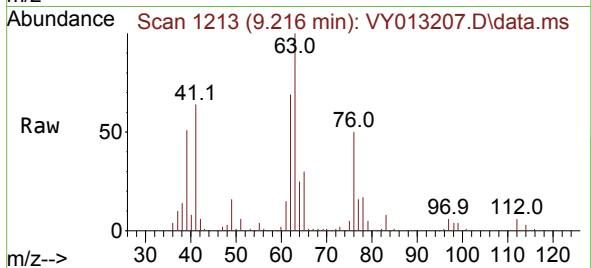
VSTDCCC050EC

Tgt Ion: 63 Resp: 58355

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#46

Dibromomethane

Concen: 50.487 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

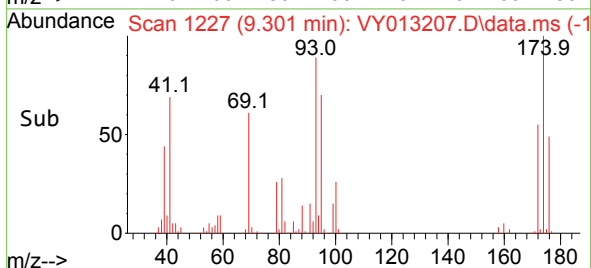
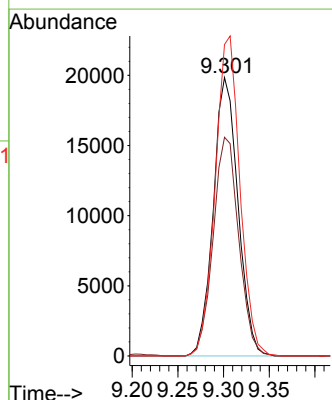
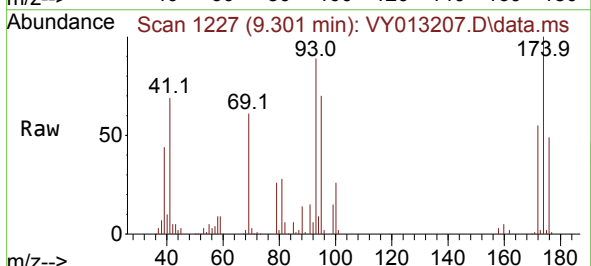
Tgt Ion: 93 Resp: 37325

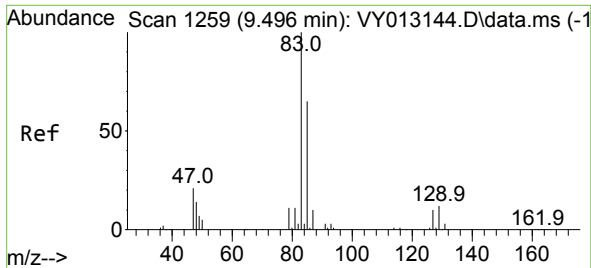
Ion Ratio Lower Upper

93 100

95 81.2 65.6 98.4

174 115.1 81.3 121.9

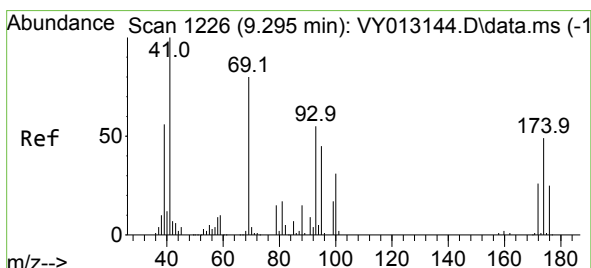
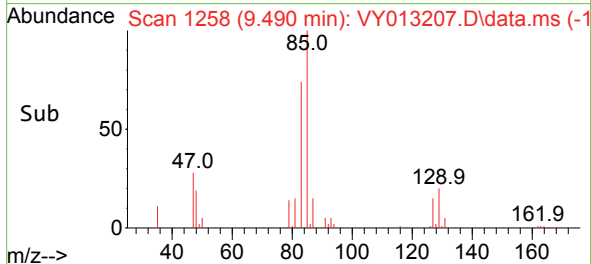
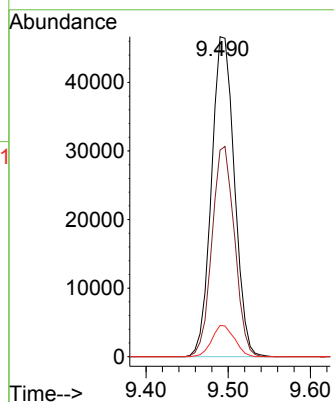
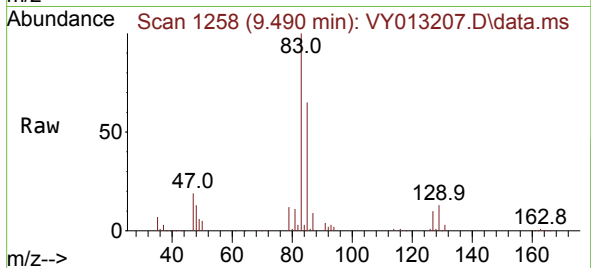




#47
Bromodichloromethane
Concen: 50.617 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

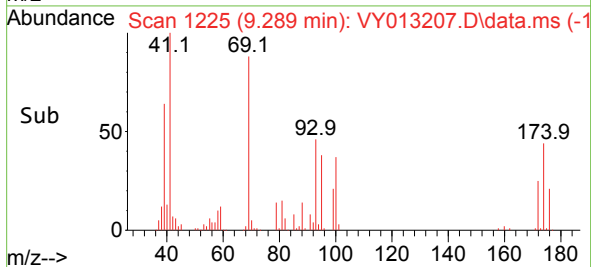
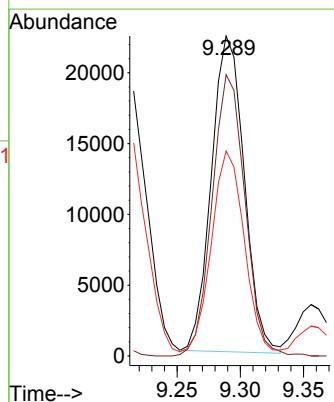
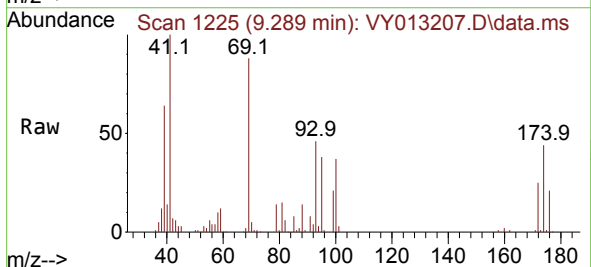
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

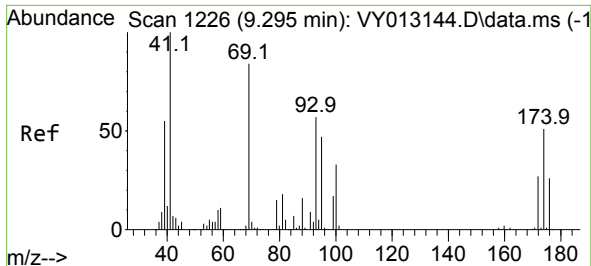
Tgt Ion: 83 Resp: 90293
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 9.8 6.3 9.5#



#48
Methyl methacrylate
Concen: 47.762 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 41 Resp: 40247
Ion Ratio Lower Upper
41 100
69 89.2 64.1 96.1
39 63.4 44.0 66.0





#49

1,4-Dioxane

Concen: 1062.872 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

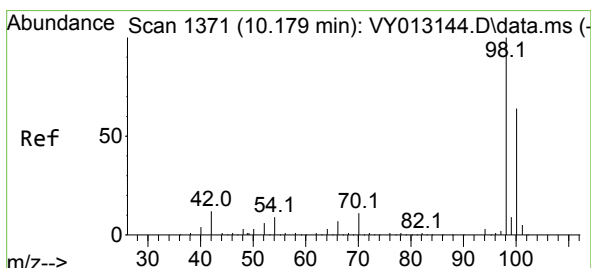
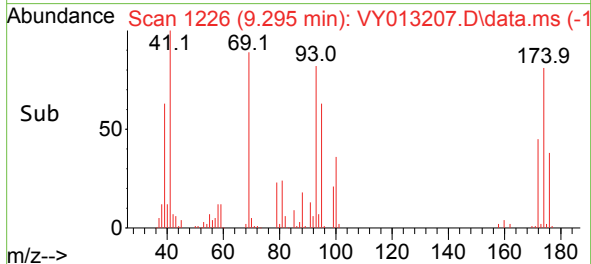
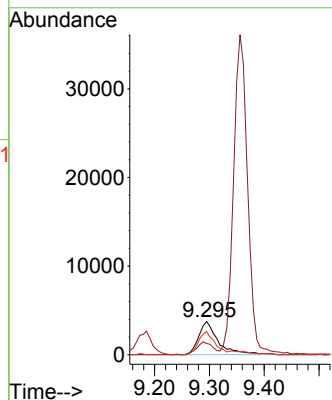
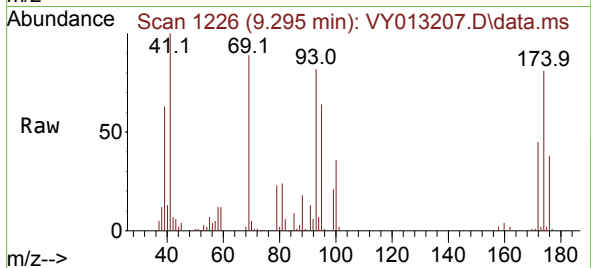
Tgt Ion: 88 Resp: 9348

Ion Ratio Lower Upper

88 100

43 31.8 28.6 42.8

58 60.9 55.2 82.8



#50

Toluene-d8

Concen: 49.148 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013207.D

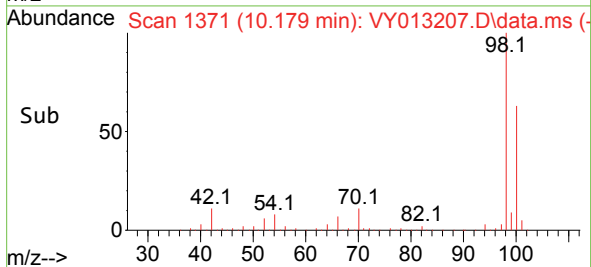
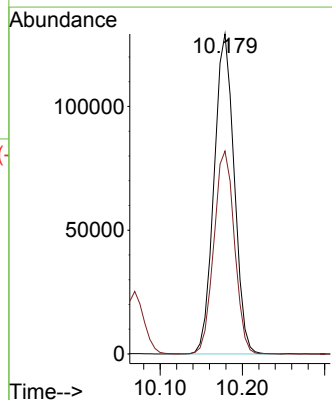
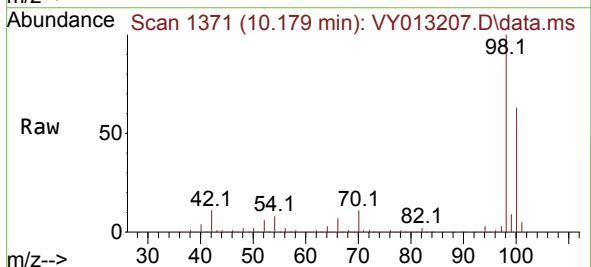
Acq: 05 Apr 2023 17:12

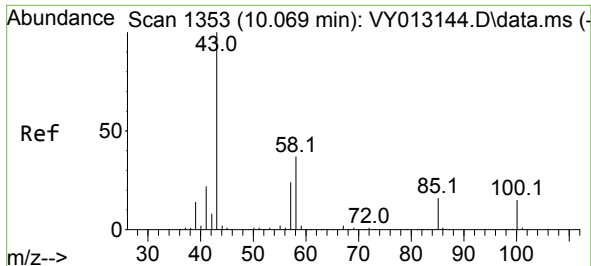
Tgt Ion: 98 Resp: 219306

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3

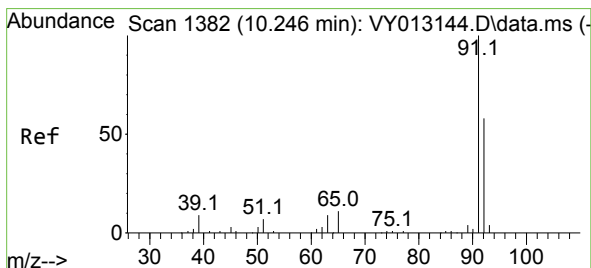
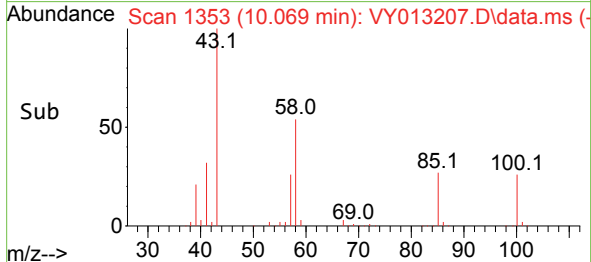
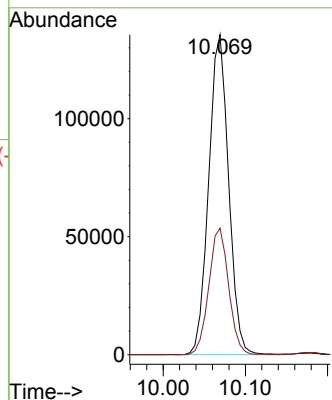
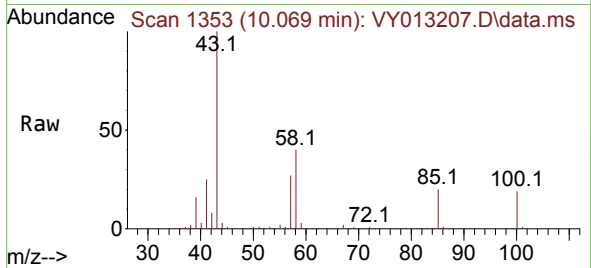




#51
4-Methyl-2-Pentanone
Concen: 233.427 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

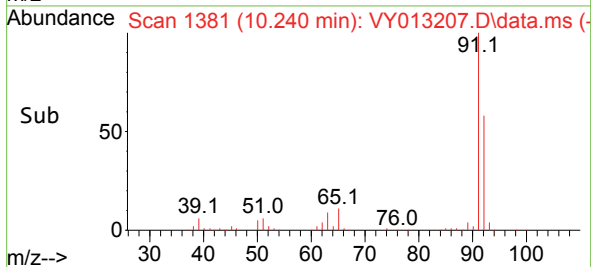
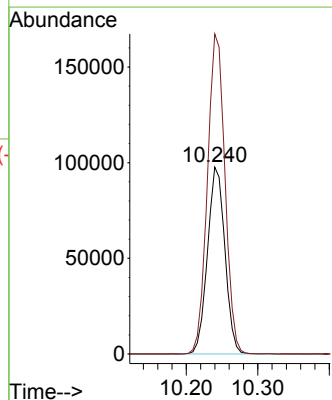
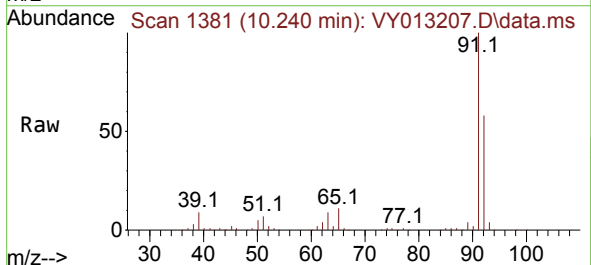
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

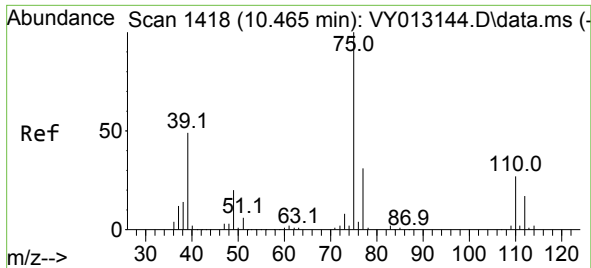
Tgt Ion: 43 Resp: 227936
Ion Ratio Lower Upper
43 100
58 39.4 29.8 44.6



#52
Toluene
Concen: 51.826 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 92 Resp: 165221
Ion Ratio Lower Upper
92 100
91 172.6 141.3 211.9

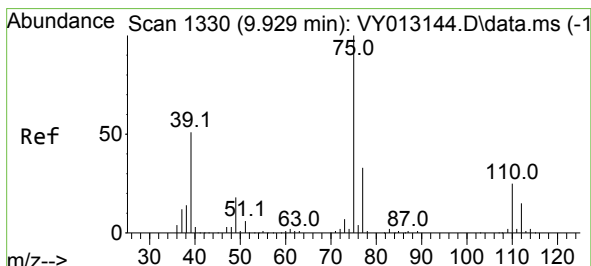
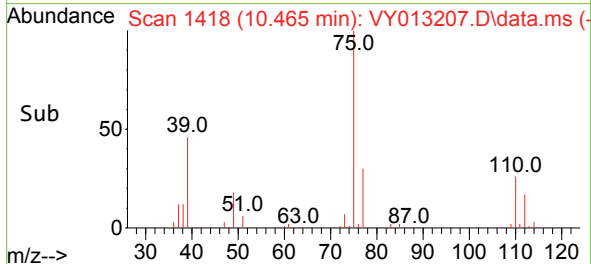
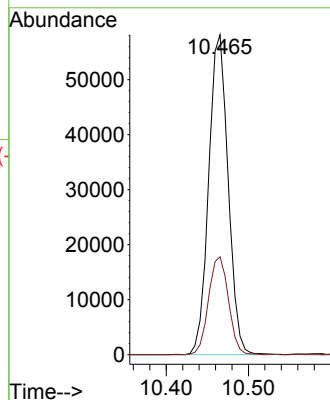
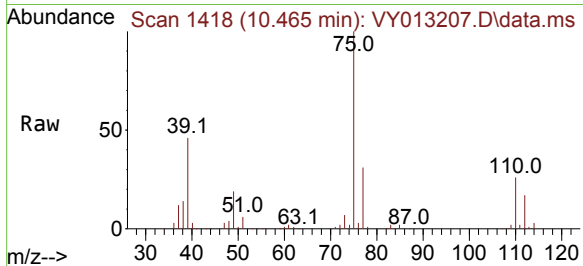




#53
 t-1,3-Dichloropropene
 Concen: 52.314 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013207.D
 Acq: 05 Apr 2023 17:12

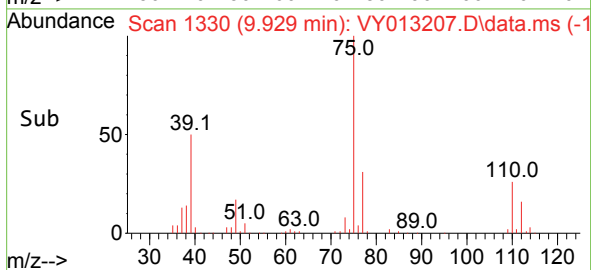
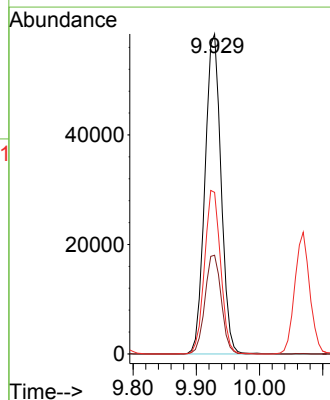
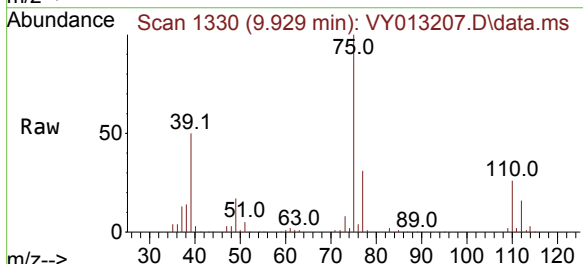
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

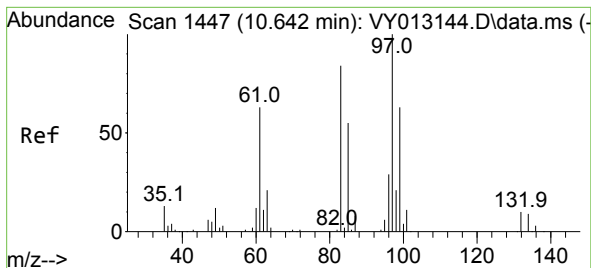
Tgt Ion: 75 Resp: 95385
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.768 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013207.D
 Acq: 05 Apr 2023 17:12

Tgt Ion: 75 Resp: 103636
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 50.4 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 50.743 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 51856

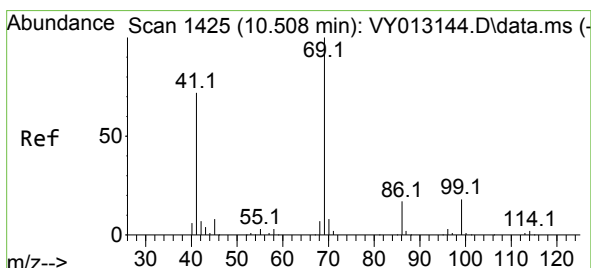
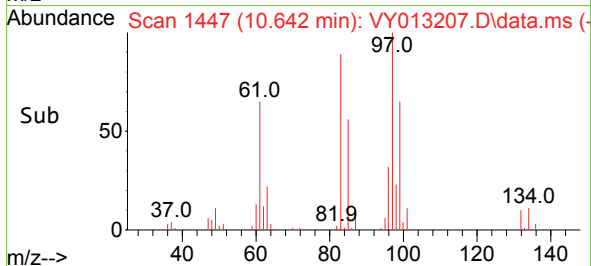
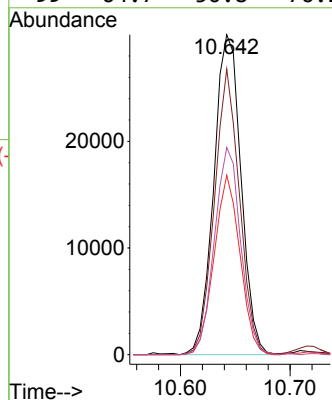
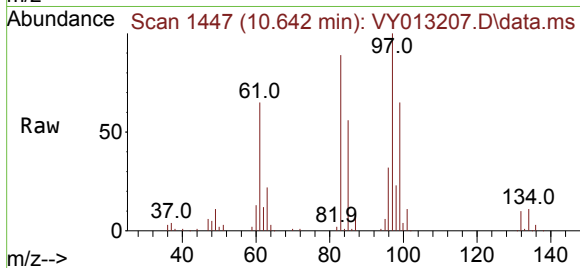
Ion Ratio Lower Upper

97 100

83 89.2 69.0 103.6

85 56.0 44.9 67.3

99 64.7 50.8 76.2



#56

Ethyl methacrylate

Concen: 53.385 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

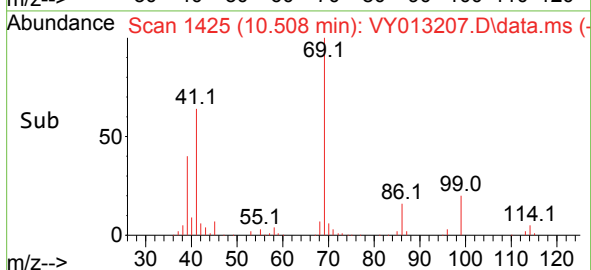
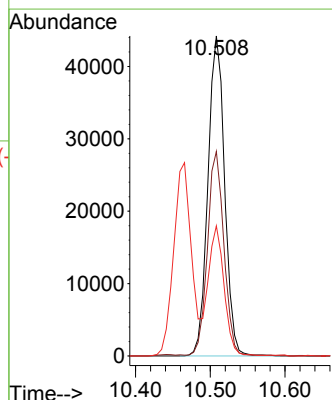
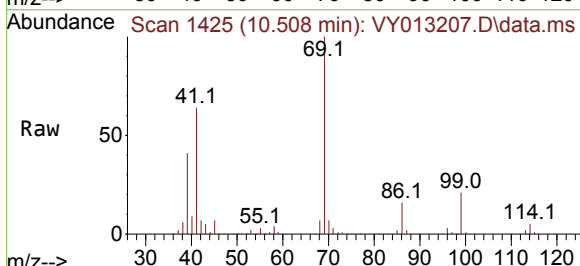
Tgt Ion: 69 Resp: 68593

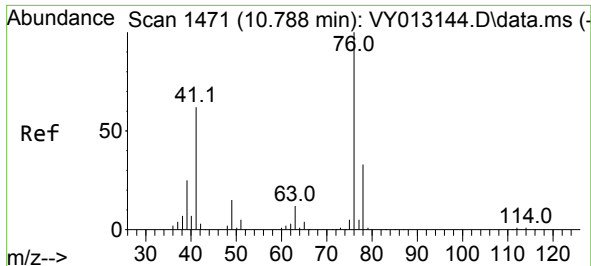
Ion Ratio Lower Upper

69 100

41 62.3 56.4 84.6

39 39.7 30.8 46.2

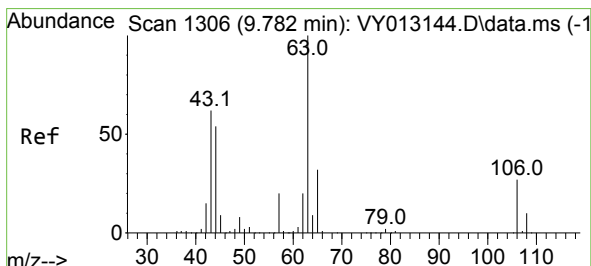
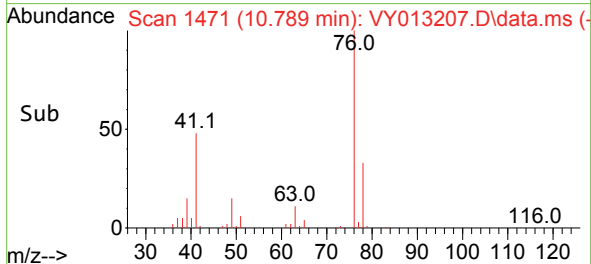
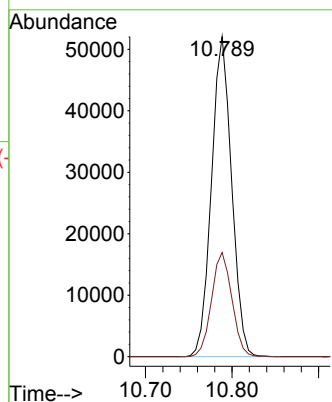
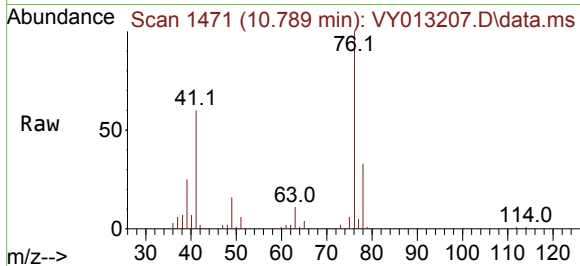




#57
1,3-Dichloropropane
Concen: 48.792 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

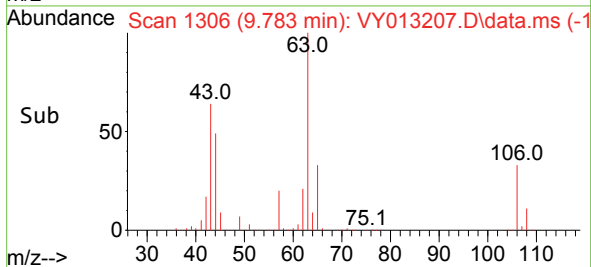
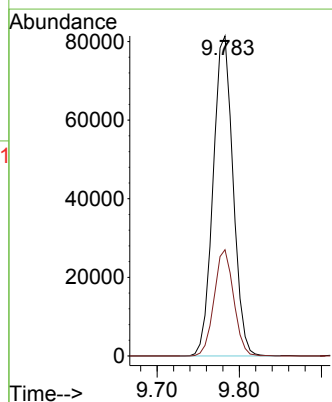
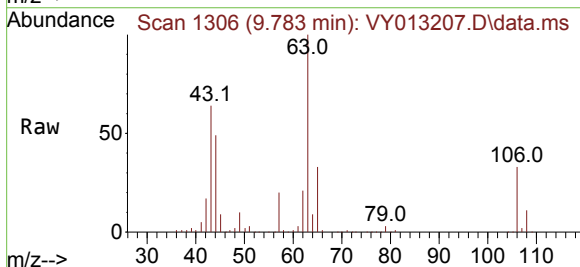
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

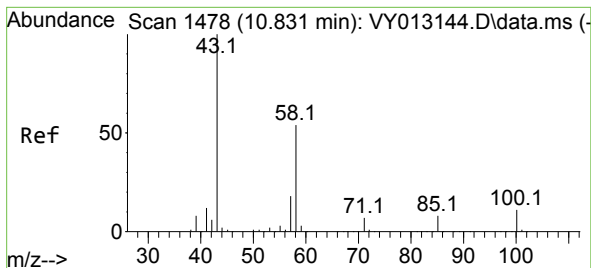
Tgt Ion: 76 Resp: 84175
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 228.020 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 63 Resp: 136990
Ion Ratio Lower Upper
63 100
106 32.6 22.1 33.1

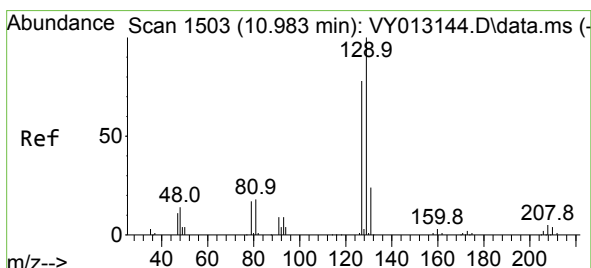
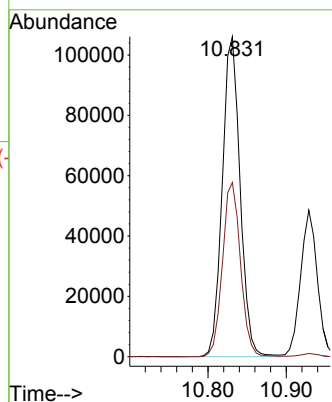
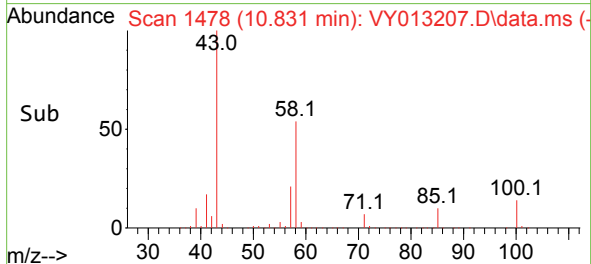
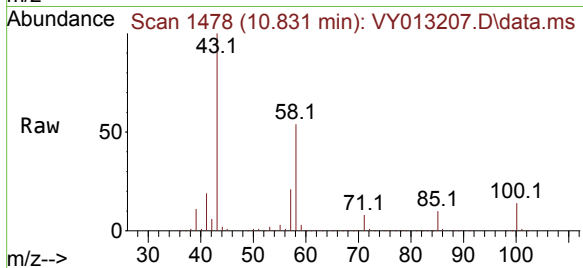




#59
2-Hexanone
Concen: 237.984 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

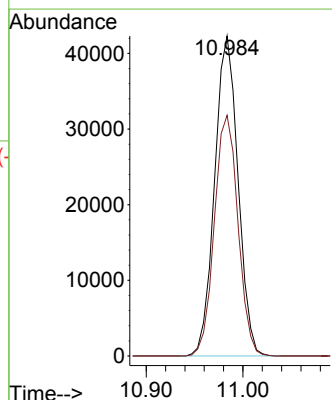
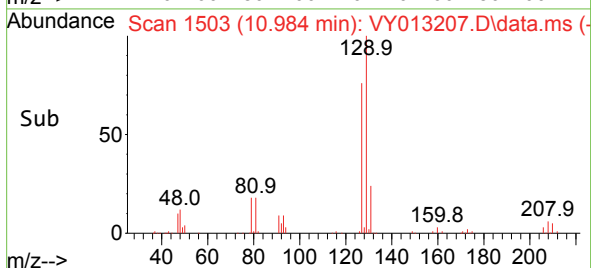
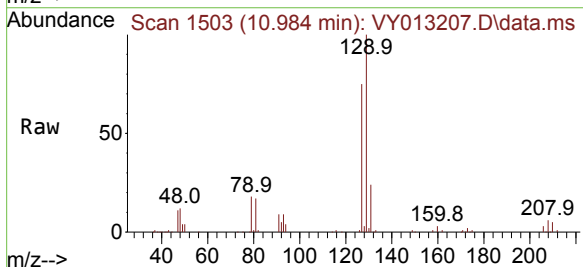
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

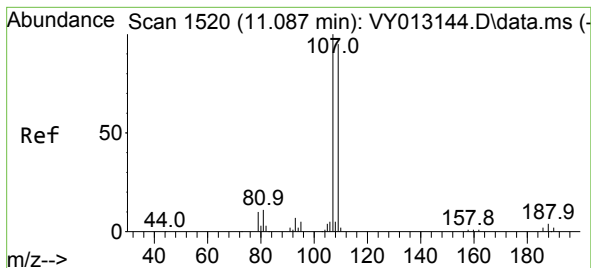
Tgt Ion: 43 Resp: 168067
Ion Ratio Lower Upper
43 100
58 55.0 25.9 77.8



#60
Dibromochloromethane
Concen: 55.250 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 129 Resp: 70915
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1

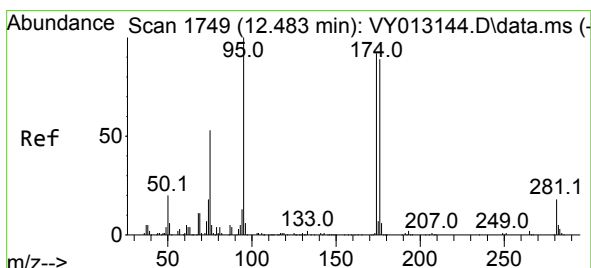
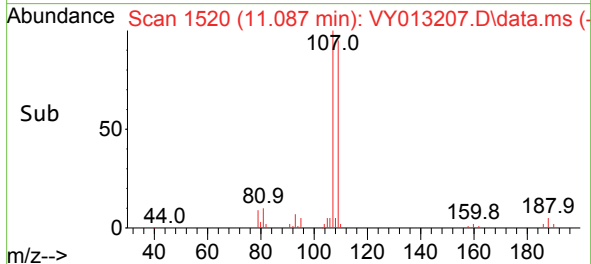
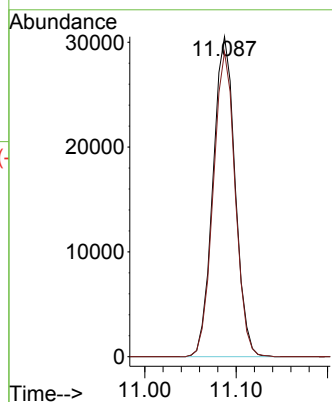
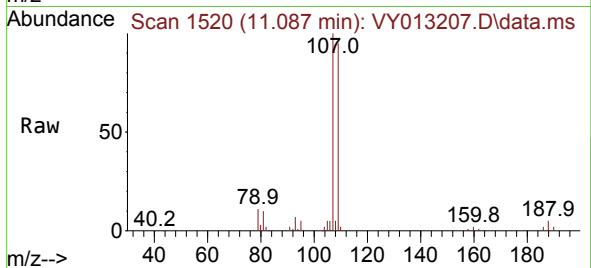




#61
1,2-Dibromoethane
Concen: 51.779 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

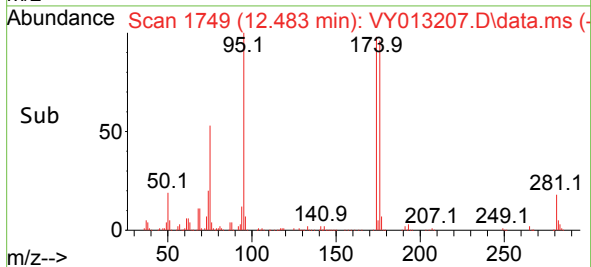
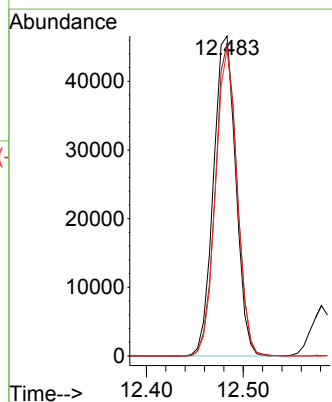
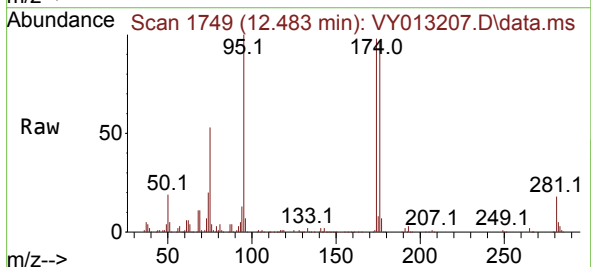
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

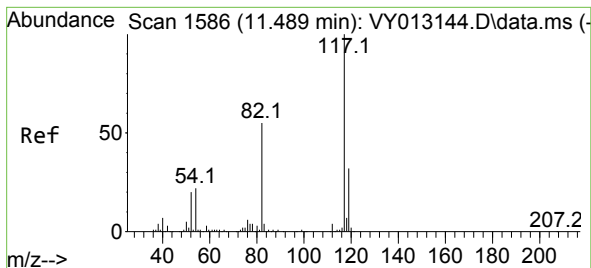
Tgt Ion:107 Resp: 51269
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.386 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 95 Resp: 74635
Ion Ratio Lower Upper
95 100
174 95.0 0.0 176.6
176 92.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

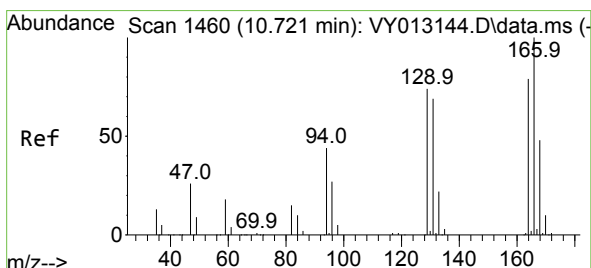
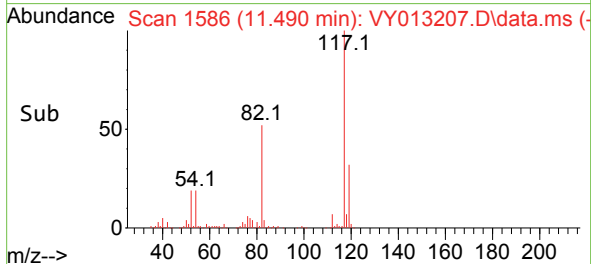
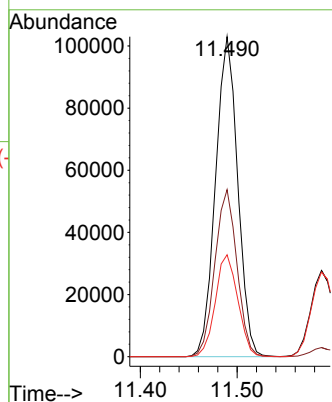
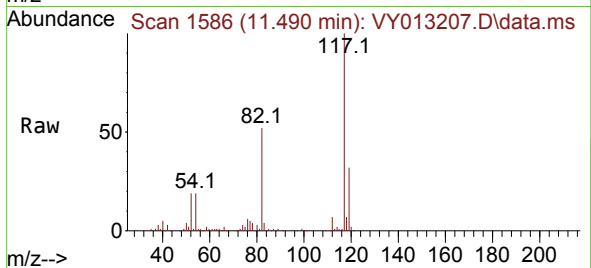
Tgt Ion:117 Resp: 163940

Ion Ratio Lower Upper

117 100

82 52.2 45.4 68.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 55.017 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Tgt Ion:164 Resp: 69340

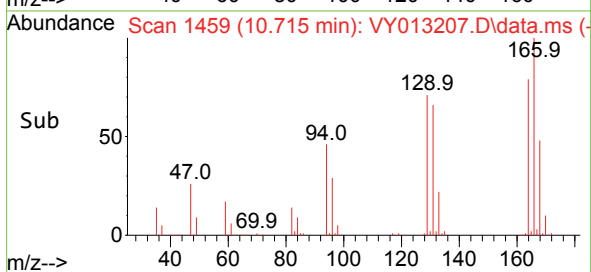
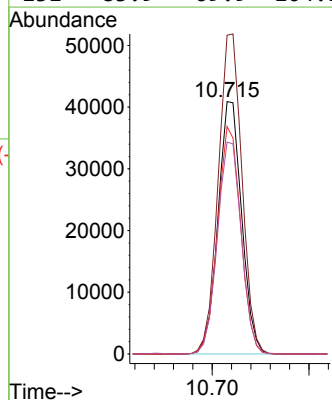
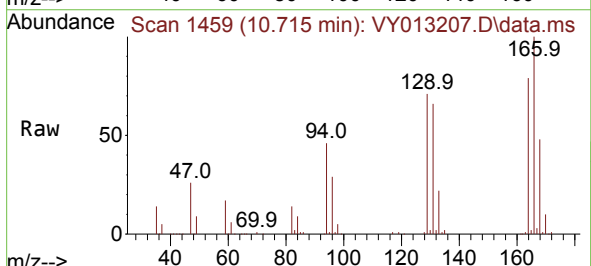
Ion Ratio Lower Upper

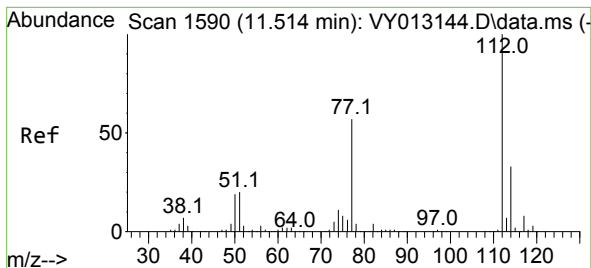
164 100

166 126.3 103.4 155.2

129 90.1 71.4 107.2

131 83.9 69.9 104.9

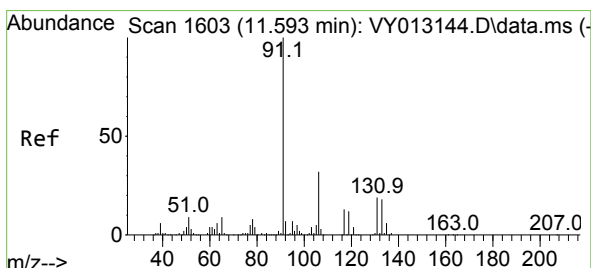
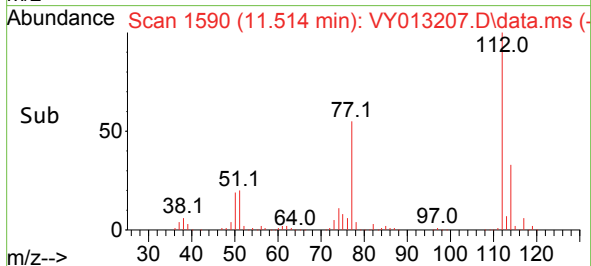
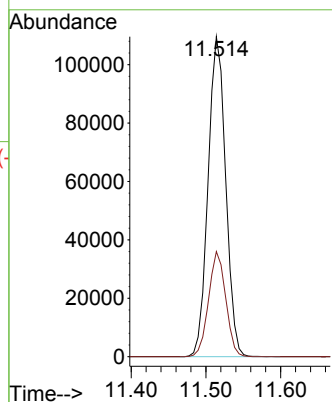
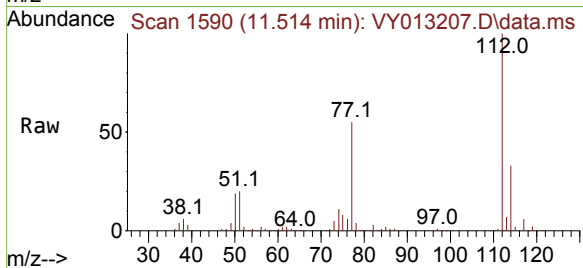




#65
Chlorobenzene
Concen: 51.465 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

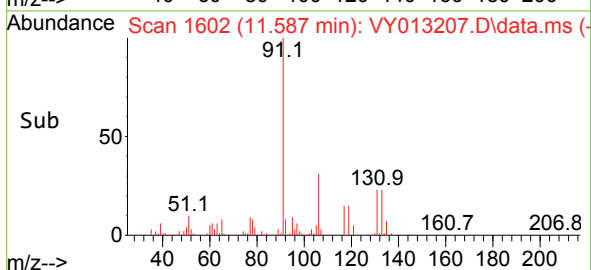
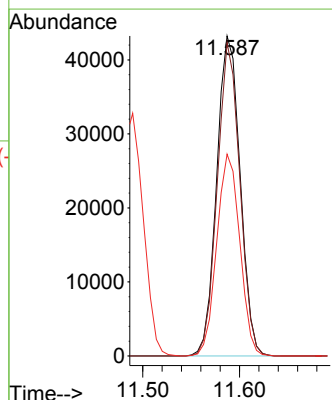
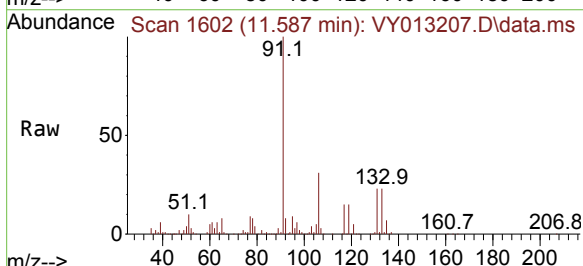
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

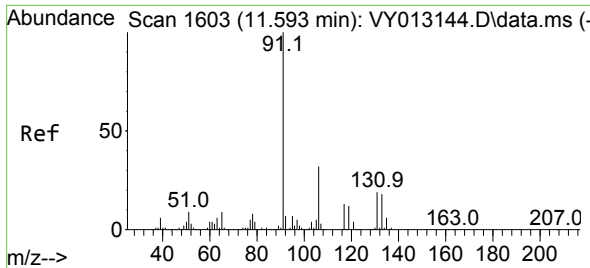
Tgt Ion:112 Resp: 179113
Ion Ratio Lower Upper
112 100
114 32.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.716 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion:131 Resp: 72696
Ion Ratio Lower Upper
131 100
133 94.1 48.0 144.0
119 62.0 32.6 98.0

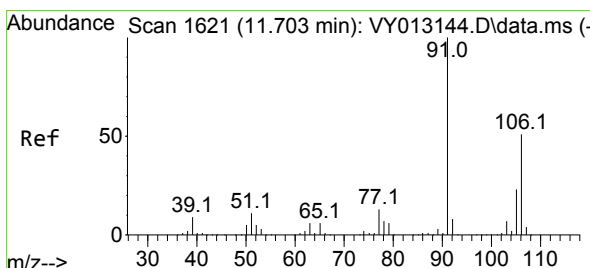
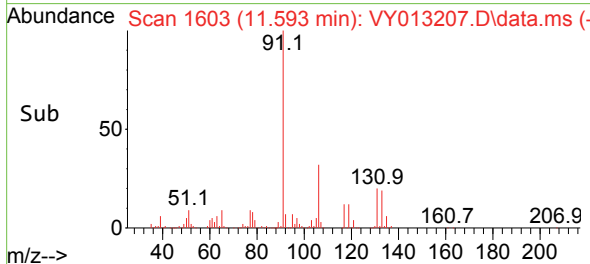
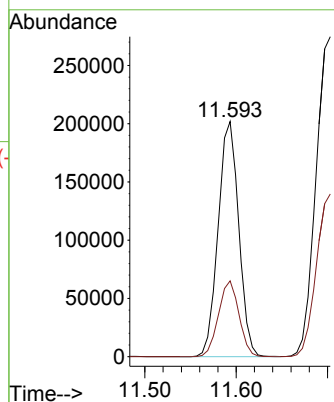
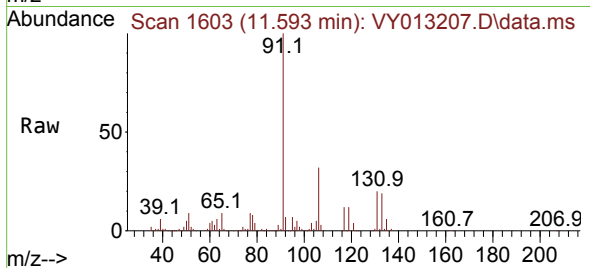




#67
Ethyl Benzene
Concen: 52.600 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

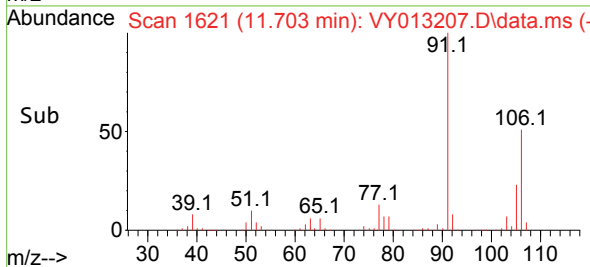
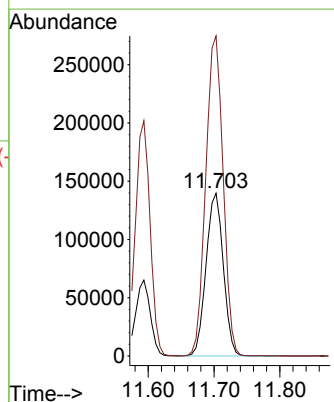
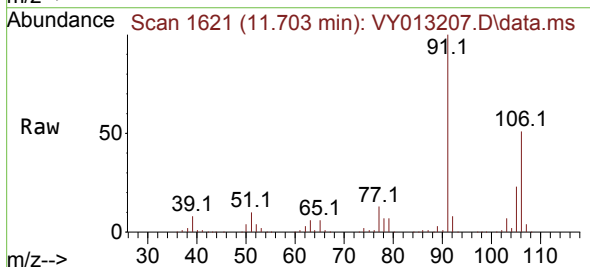
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

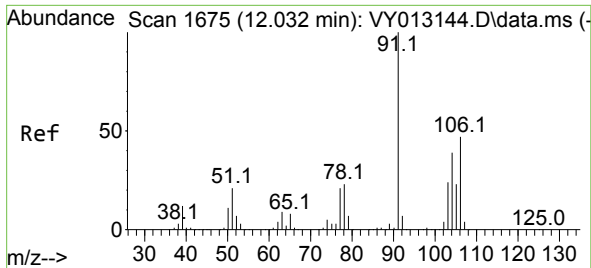
Tgt Ion: 91 Resp: 316177
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 109.590 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion:106 Resp: 254825
Ion Ratio Lower Upper
106 100
91 197.8 159.8 239.8

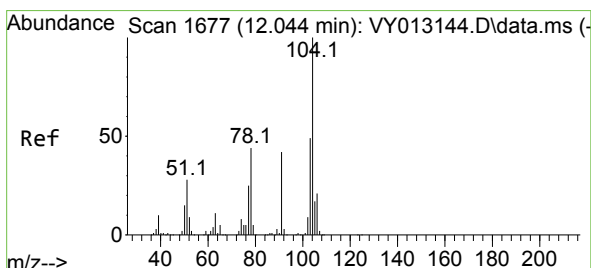
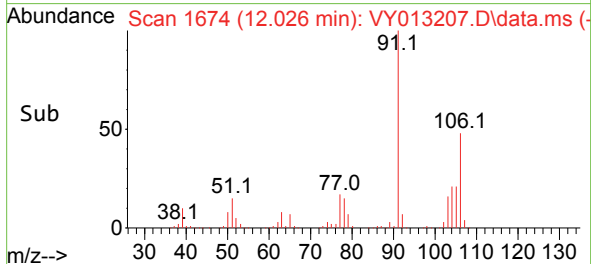
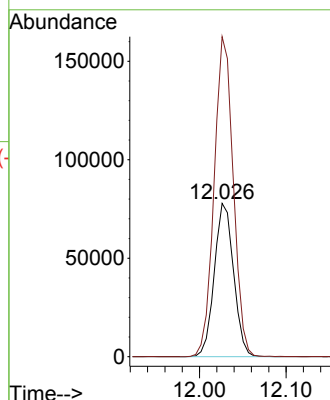
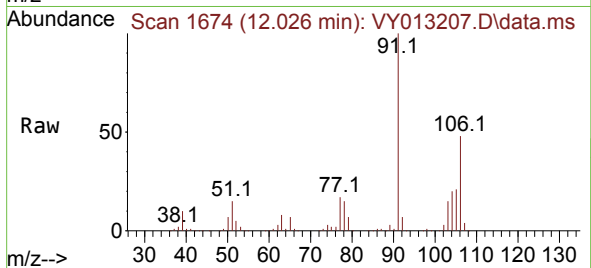




#69
o-Xylene
Concen: 55.768 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

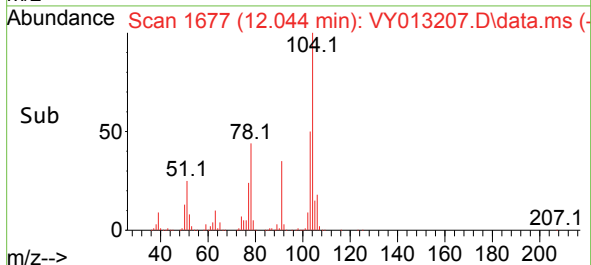
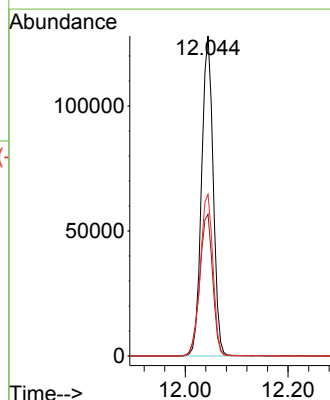
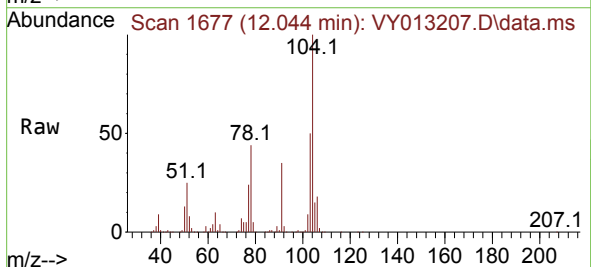
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

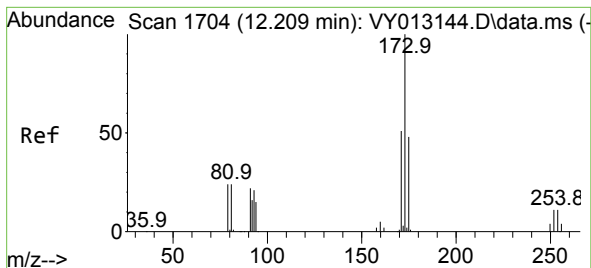
Tgt Ion:106 Resp: 120279
Ion Ratio Lower Upper
106 100
91 207.5 107.2 321.6



#70
Styrene
Concen: 55.658 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion:104 Resp: 200808
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 55.5 43.7 65.5





#71

Bromoform

Concen: 59.426 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

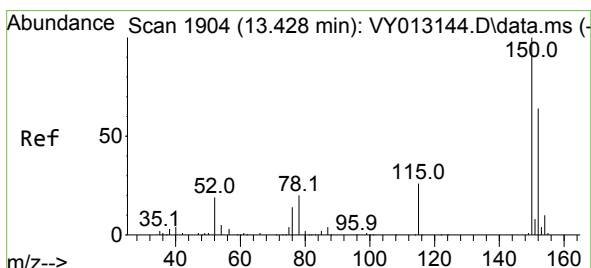
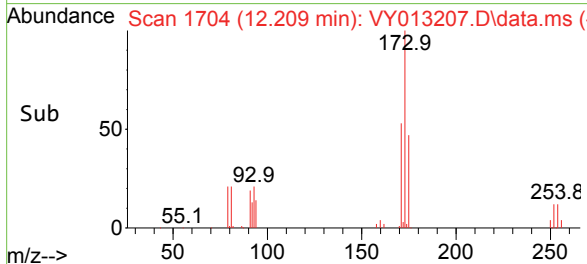
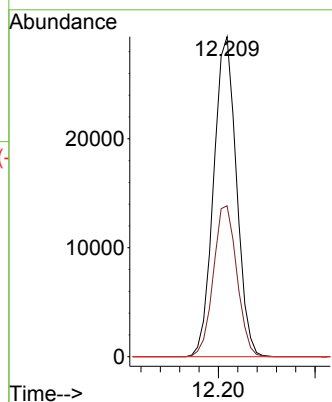
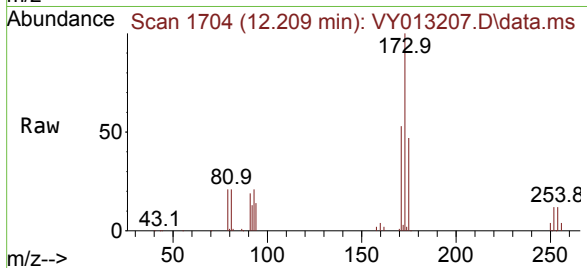
Tgt Ion:173 Resp: 48080

Ion Ratio Lower Upper

173 100

175 48.6 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

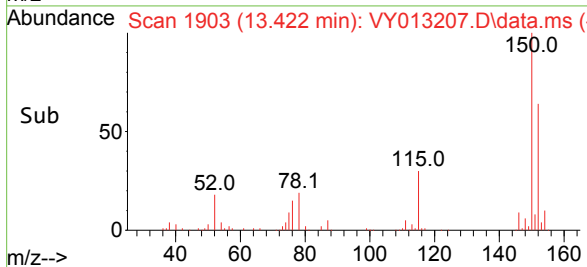
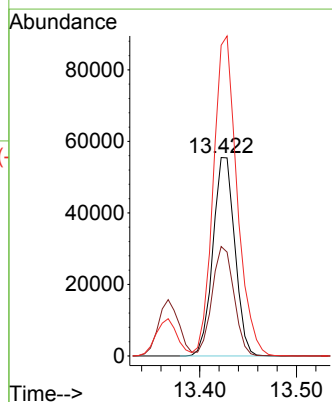
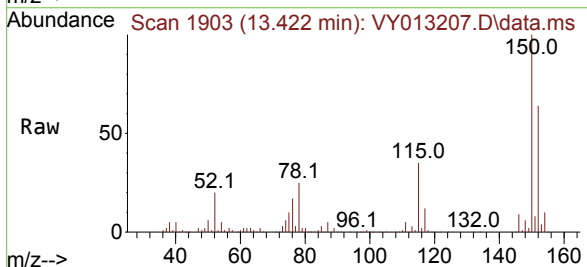
Tgt Ion:152 Resp: 87399

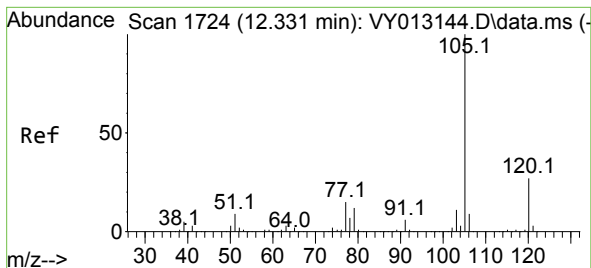
Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 174.8 0.0 347.8





#73

Isopropylbenzene

Concen: 53.433 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

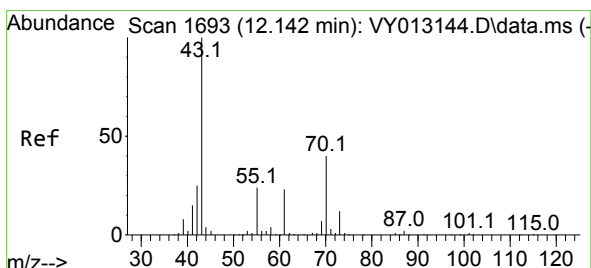
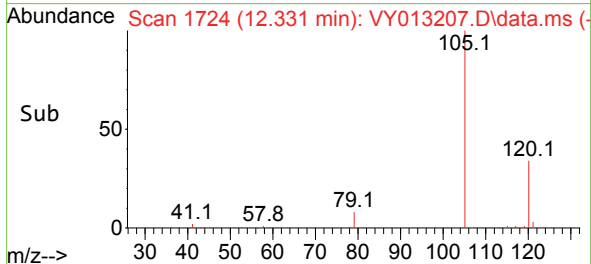
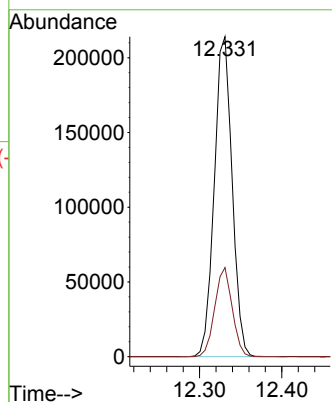
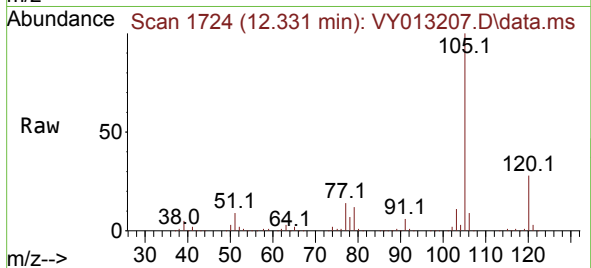
VSTDCCC050EC

Tgt Ion:105 Resp: 322363

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 45.745 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Tgt Ion: 43 Resp: 75774

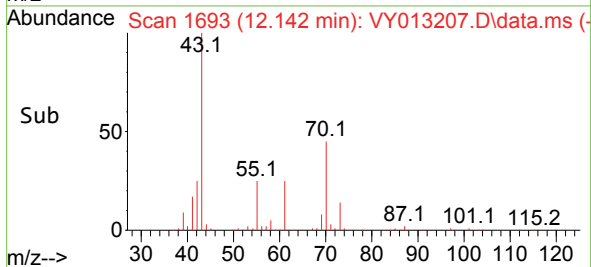
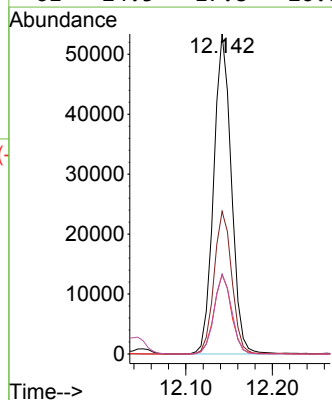
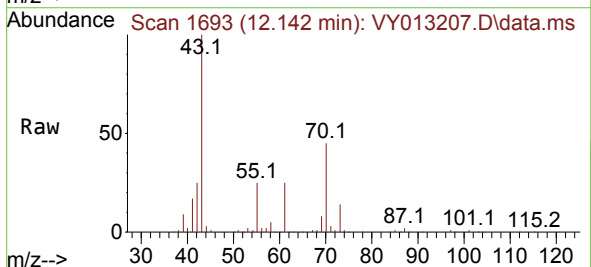
Ion Ratio Lower Upper

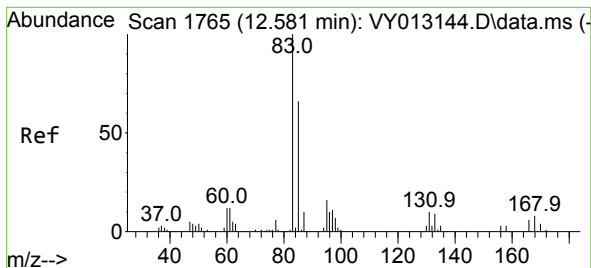
43 100

70 44.6 31.6 47.4

55 24.7 18.8 28.2

61 24.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.263 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

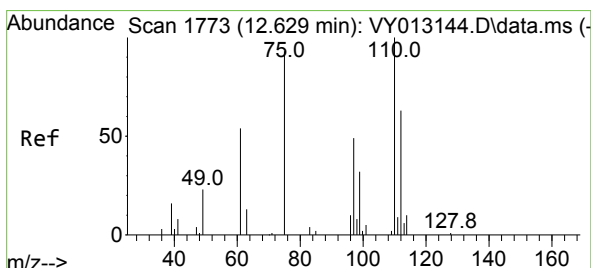
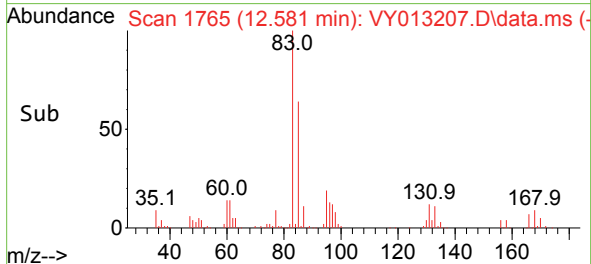
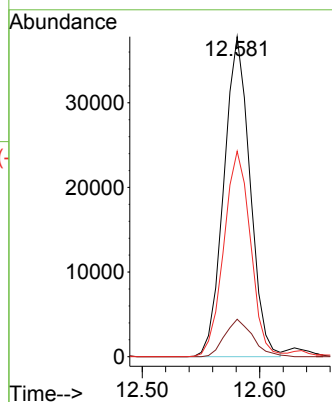
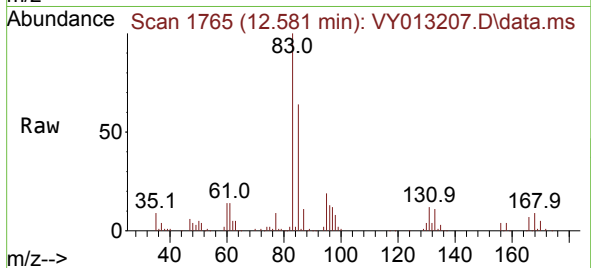
Tgt Ion: 83 Resp: 58463

Ion Ratio Lower Upper

83 100

131 12.5 5.1 15.2

85 65.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 81.253 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013207.D

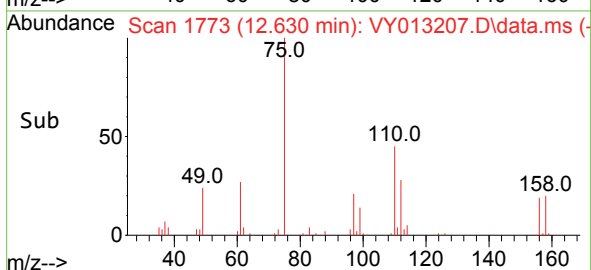
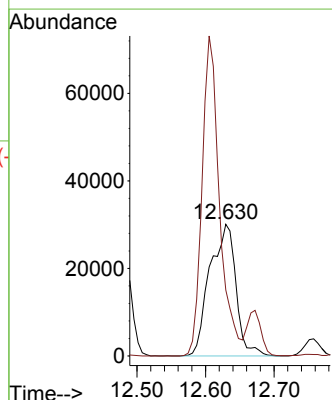
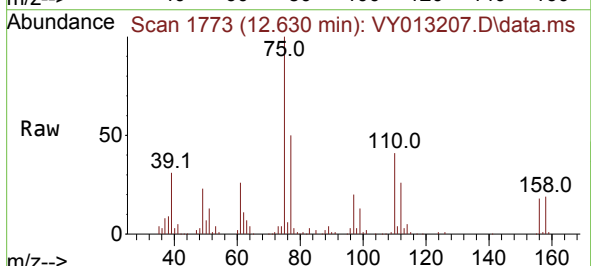
Acq: 05 Apr 2023 17:12

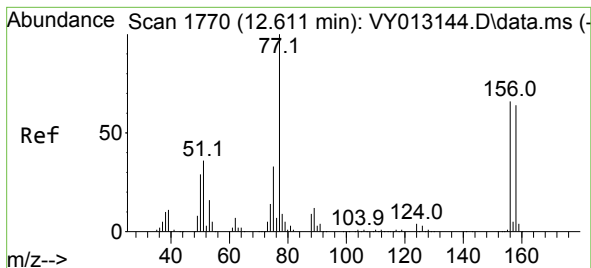
Tgt Ion: 75 Resp: 79777

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.587 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

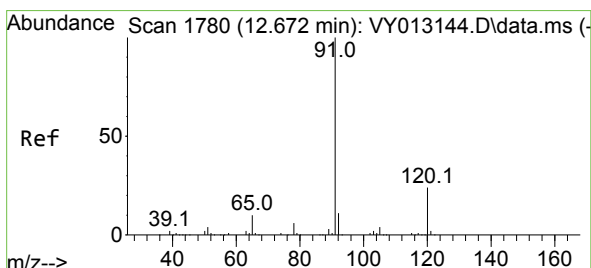
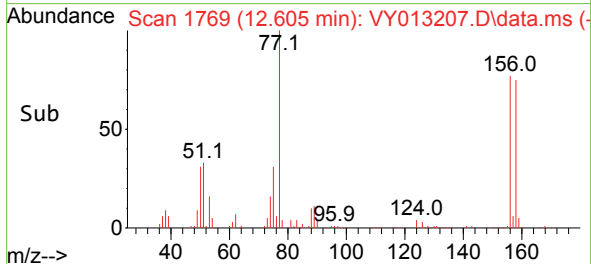
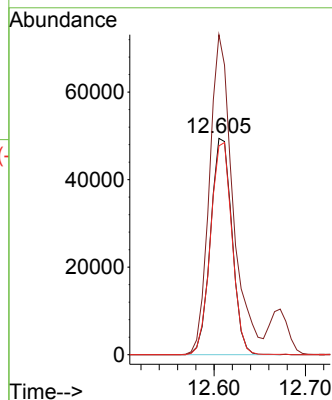
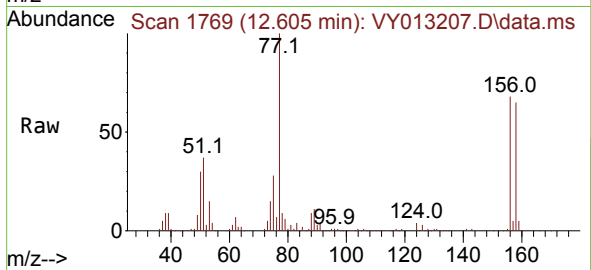
Tgt Ion:156 Resp: 80376

Ion Ratio Lower Upper

156 100

77 162.0 94.0 282.1

158 98.6 48.1 144.4



#78

n-propylbenzene

Concen: 50.950 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013207.D

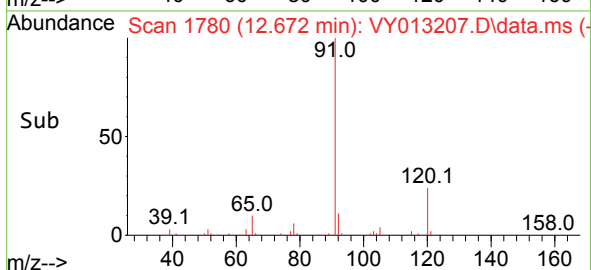
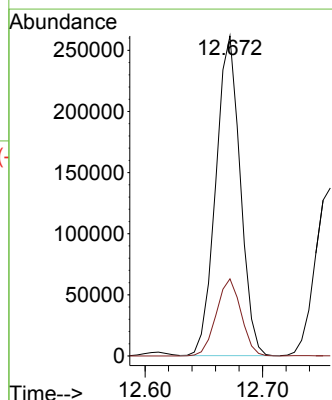
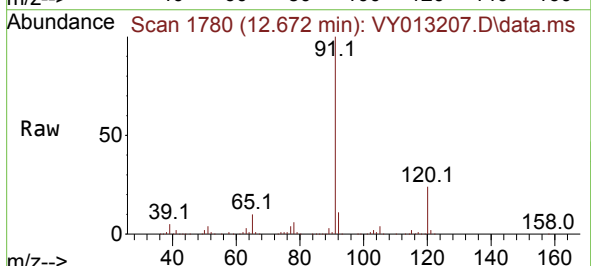
Acq: 05 Apr 2023 17:12

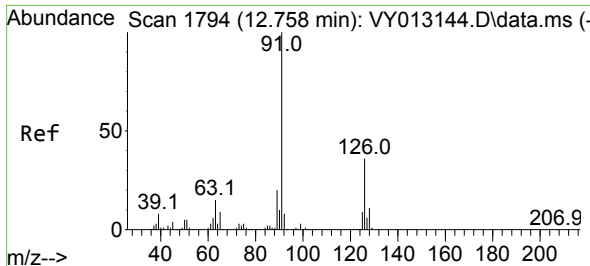
Tgt Ion: 91 Resp: 377940

Ion Ratio Lower Upper

91 100

120 24.4 11.6 34.8

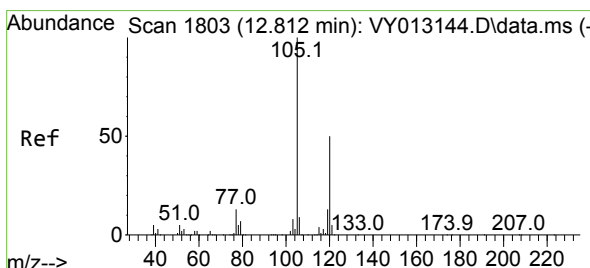
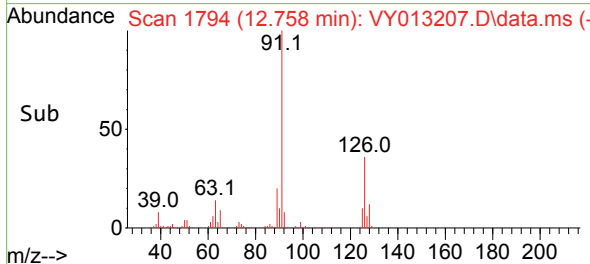
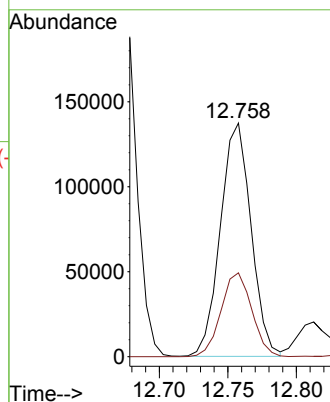
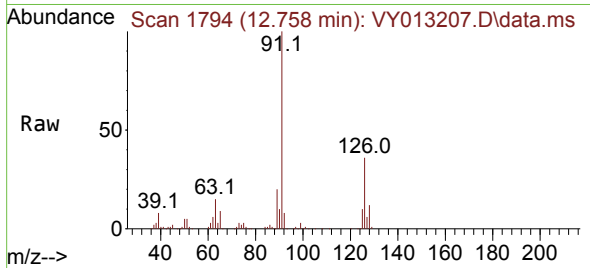




#79
2-Chlorotoluene
Concen: 50.814 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

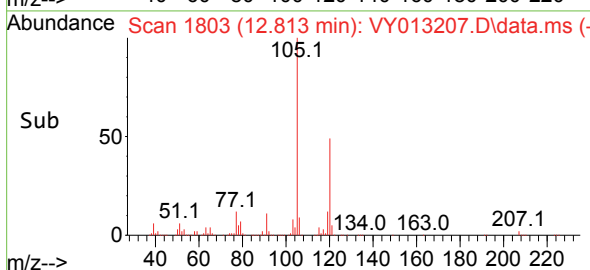
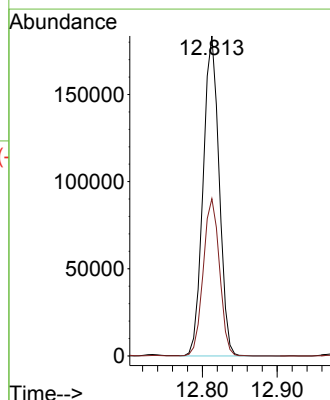
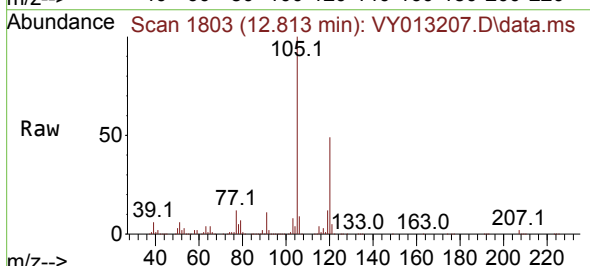
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

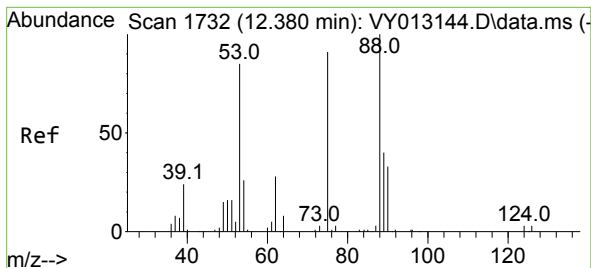
Tgt Ion: 91 Resp: 213885
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 54.094 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 105 Resp: 272843
Ion Ratio Lower Upper
105 100
120 49.9 24.8 74.4

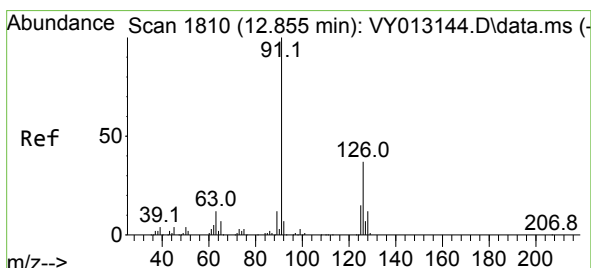
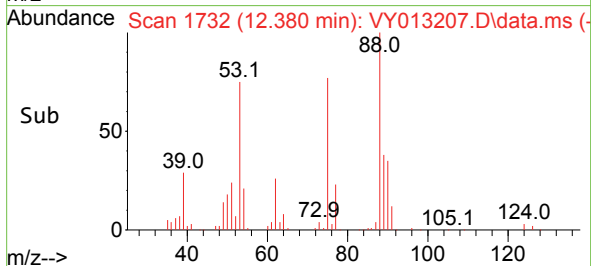
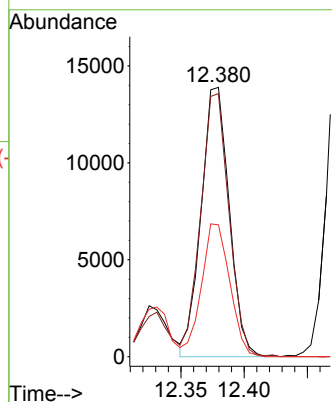
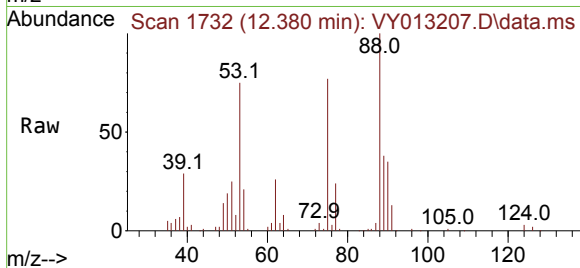




#81
trans-1,4-Dichloro-2-butene
Concen: 48.837 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

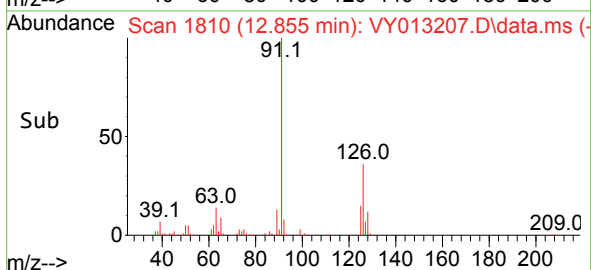
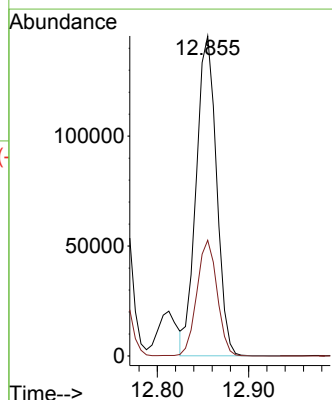
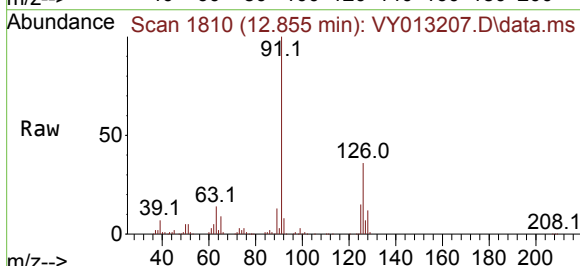
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

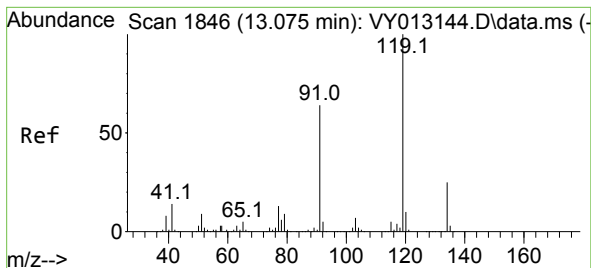
Tgt Ion: 75 Resp: 21501
Ion Ratio Lower Upper
75 100
53 98.4 73.4 110.0
89 49.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.227 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 91 Resp: 224409
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1





#83

tert-Butylbenzene

Concen: 56.148 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

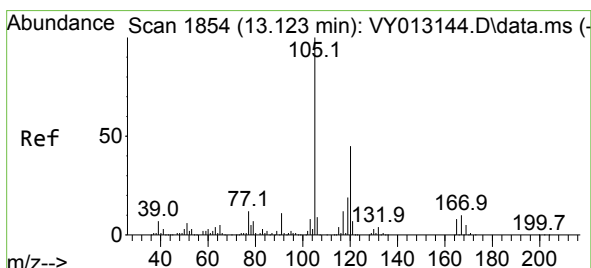
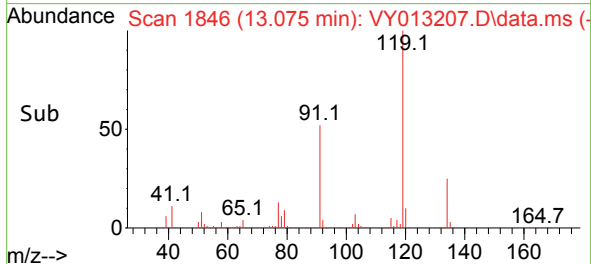
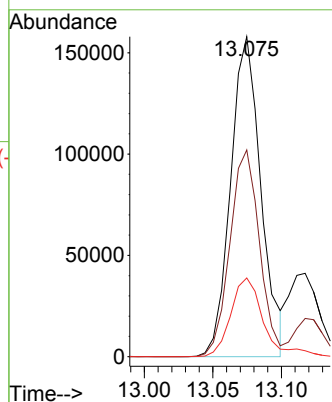
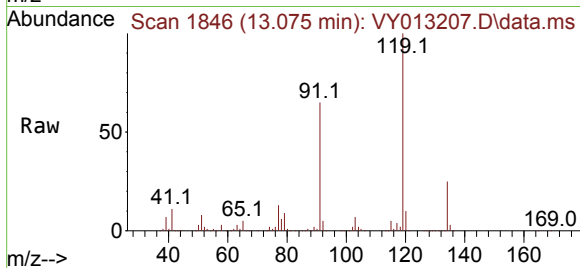
Tgt Ion:119 Resp: 243248

Ion Ratio Lower Upper

119 100

91 63.0 32.8 98.3

134 26.6 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 54.134 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013207.D

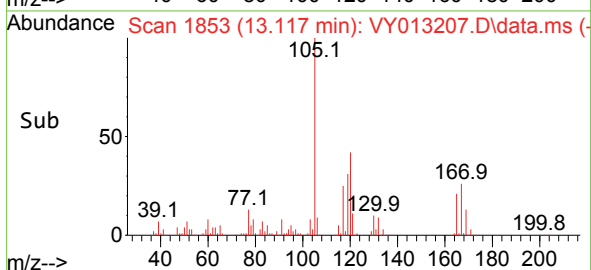
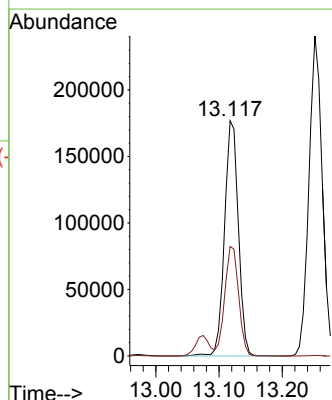
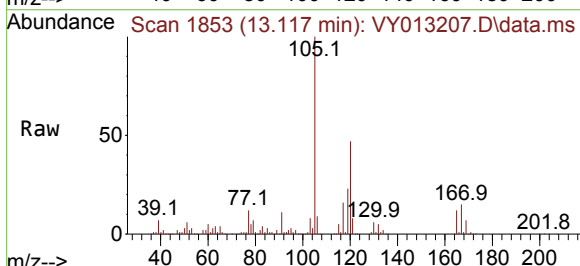
Acq: 05 Apr 2023 17:12

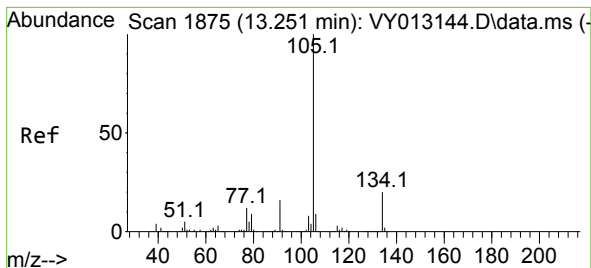
Tgt Ion:105 Resp: 267399

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.249 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

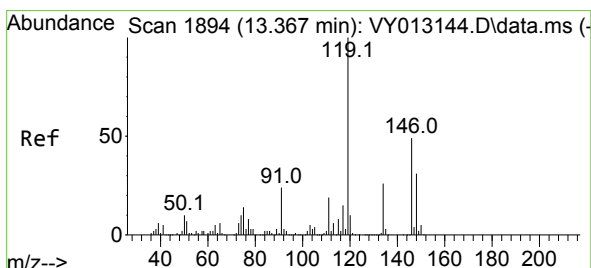
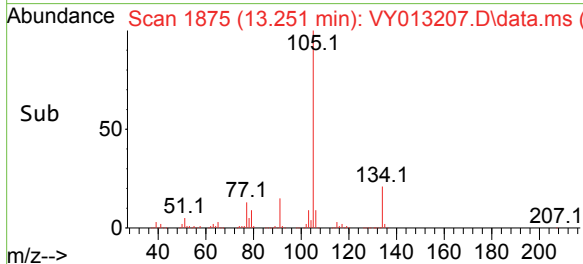
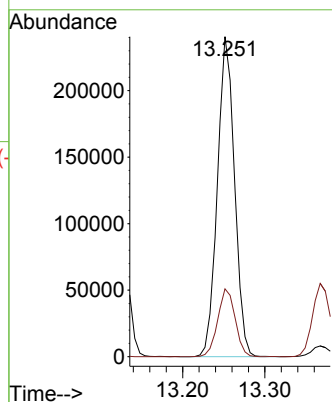
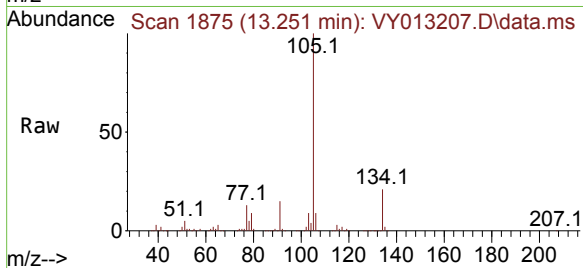
VSTDCCC050EC

Tgt Ion:105 Resp: 348325

Ion Ratio Lower Upper

105 100

134 21.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 56.072 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

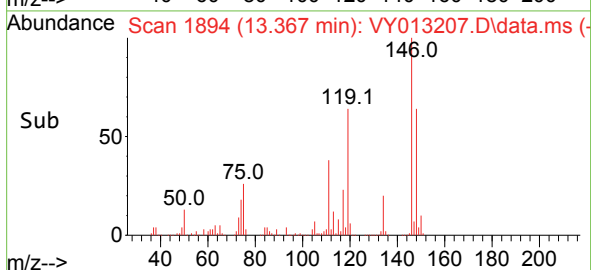
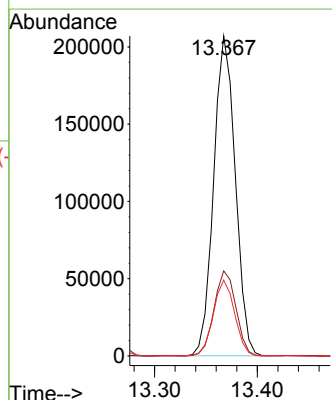
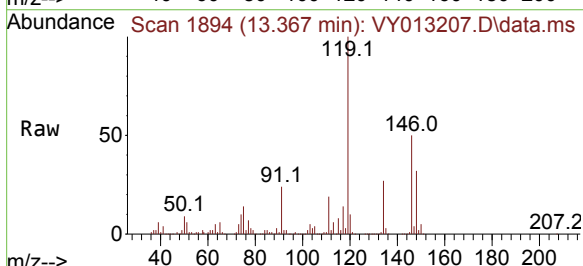
Tgt Ion:119 Resp: 301956

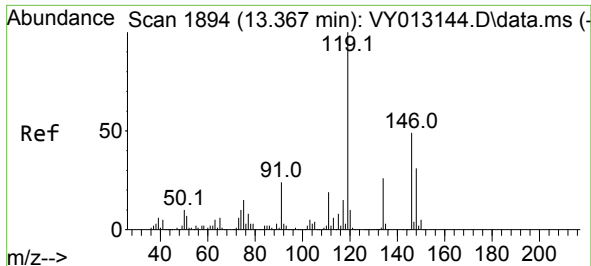
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.002 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

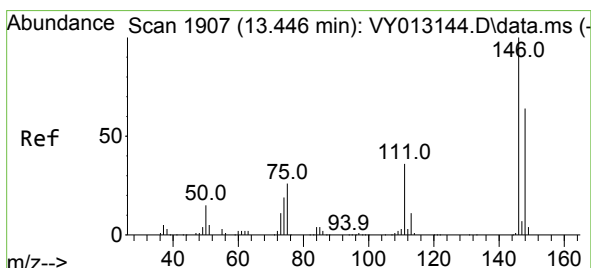
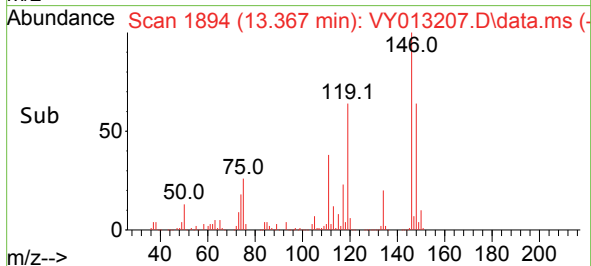
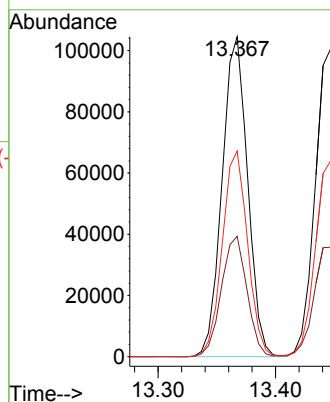
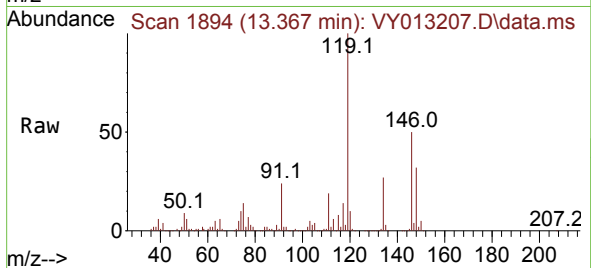
Tgt Ion:146 Resp: 157591

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.606 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

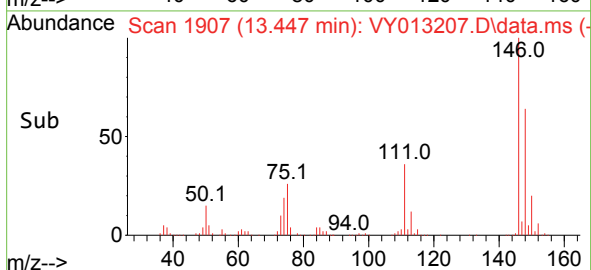
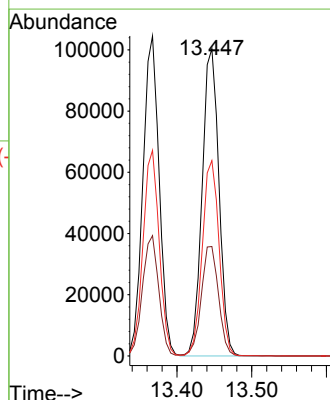
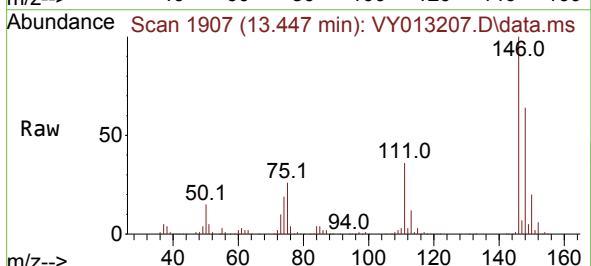
Tgt Ion:146 Resp: 156737

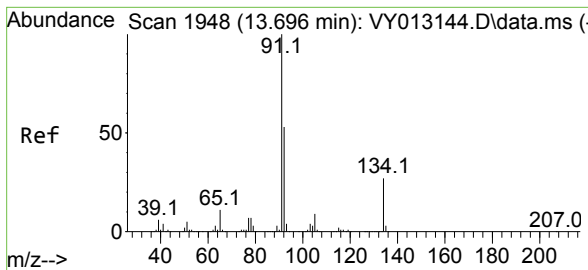
Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.8

148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 54.351 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

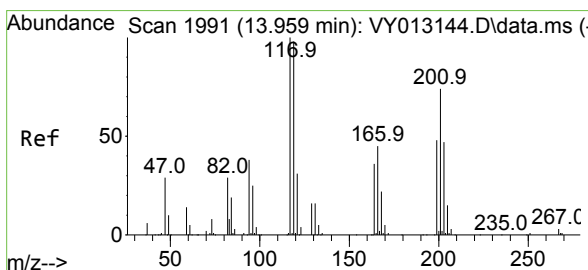
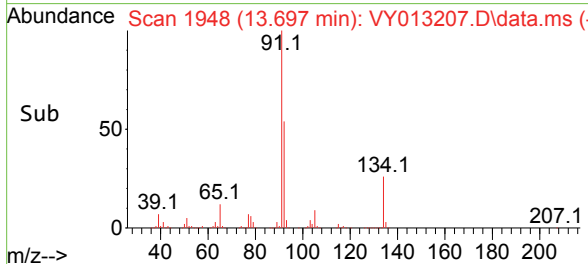
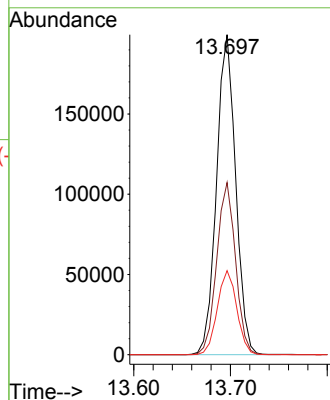
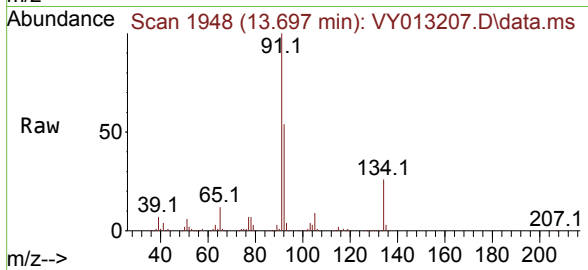
Tgt Ion: 91 Resp: 273615

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 26.7 13.0 38.9



#90

Hexachloroethane

Concen: 49.478 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013207.D

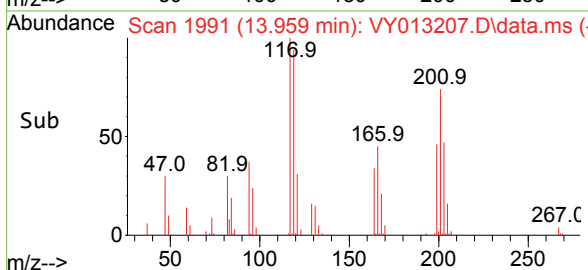
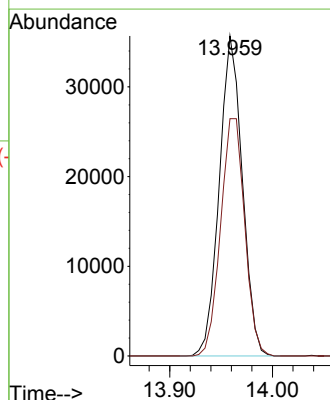
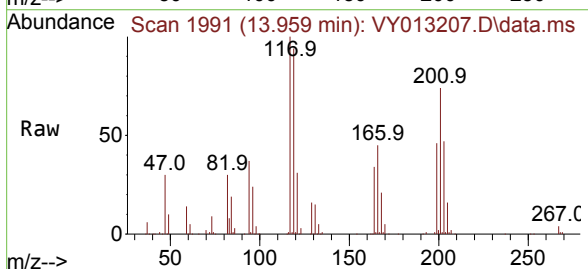
Acq: 05 Apr 2023 17:12

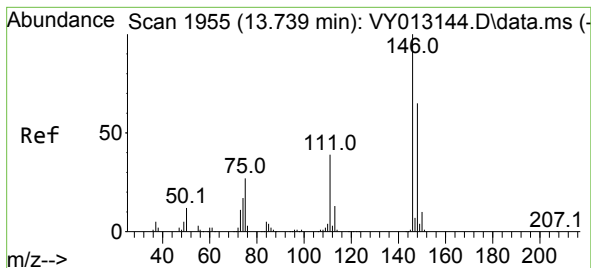
Tgt Ion: 117 Resp: 55506

Ion Ratio Lower Upper

117 100

201 77.7 39.4 118.1

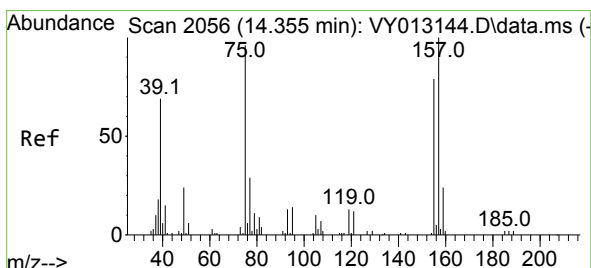
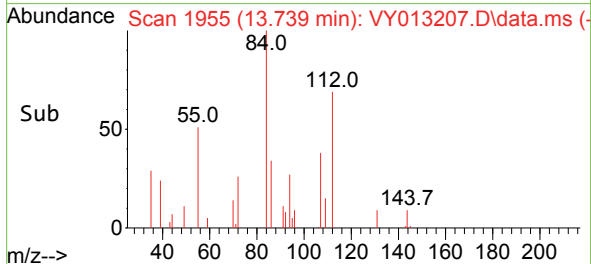
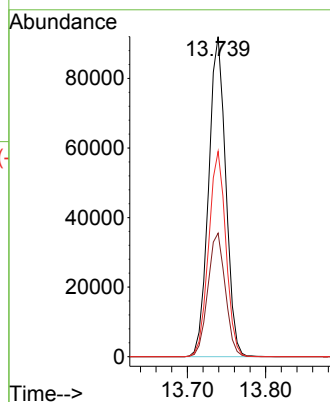
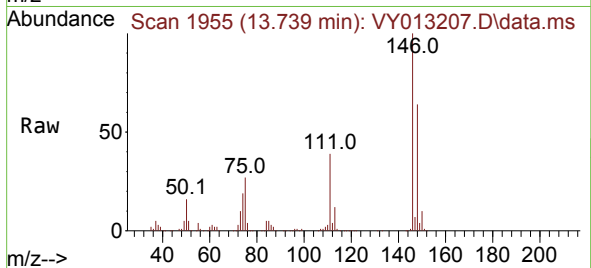




#91
1,2-Dichlorobenzene
Concen: 52.579 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

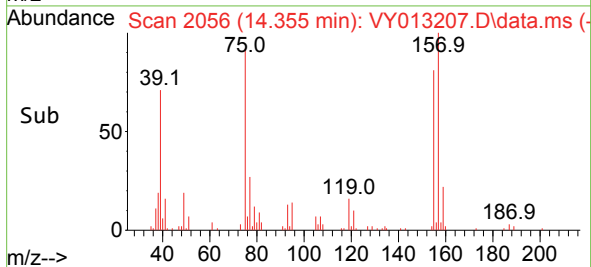
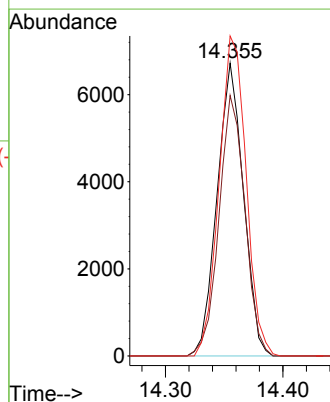
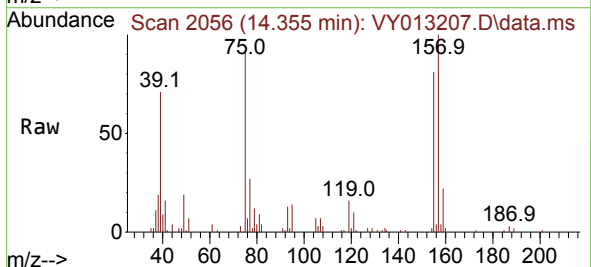
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

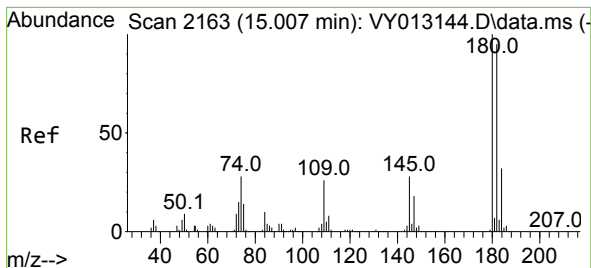
Tgt Ion:146 Resp: 139617
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.1
148 64.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.785 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013207.D
Acq: 05 Apr 2023 17:12

Tgt Ion: 75 Resp: 10469
Ion Ratio Lower Upper
75 100
155 87.5 43.8 131.4
157 112.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 50.262 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

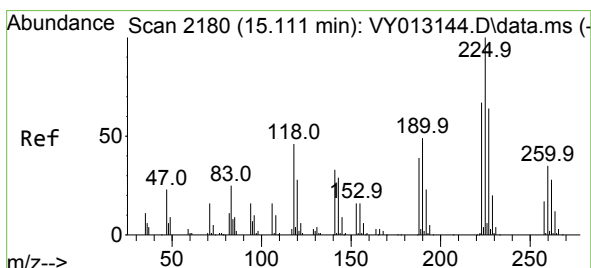
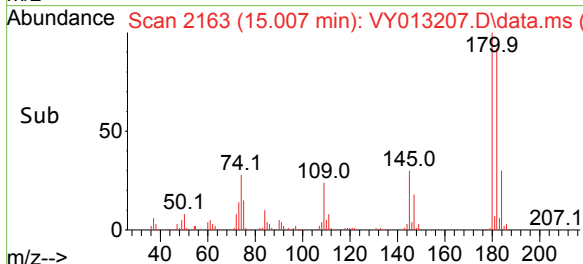
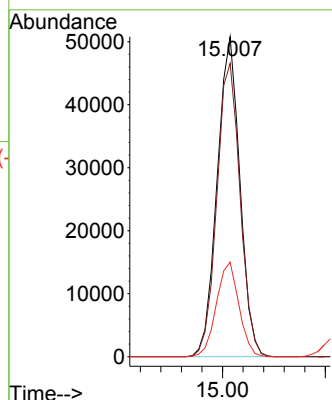
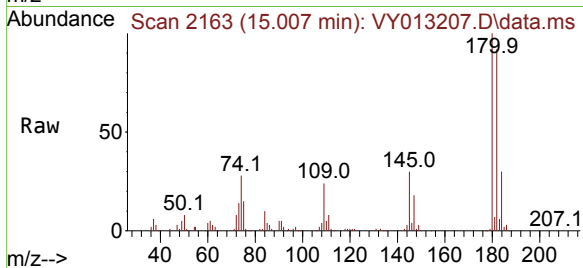
Tgt Ion:180 Resp: 77831

Ion Ratio Lower Upper

180 100

182 93.5 46.7 140.1

145 29.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.792 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

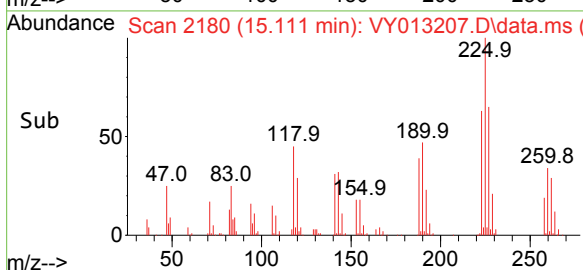
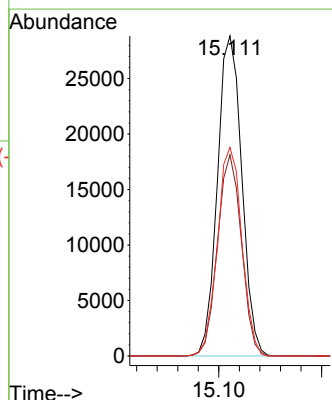
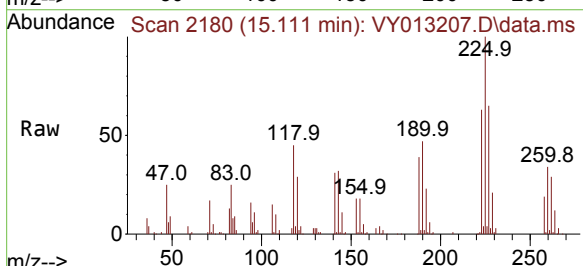
Tgt Ion:225 Resp: 47420

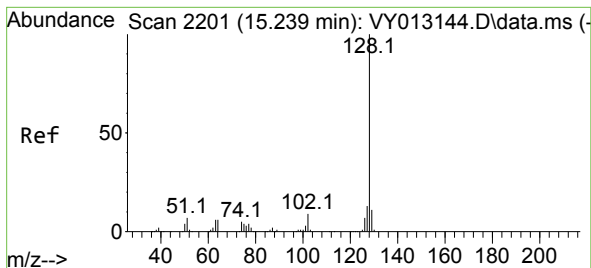
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.3

227 65.0 32.4 97.0





#95

Naphthalene

Concen: 47.675 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

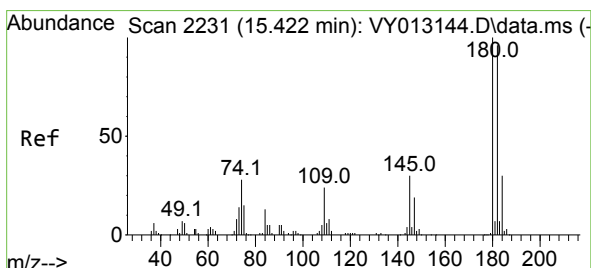
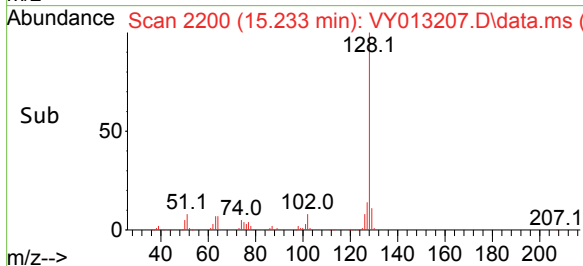
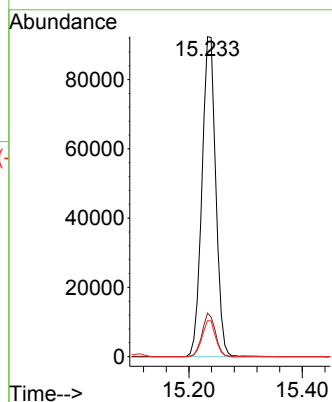
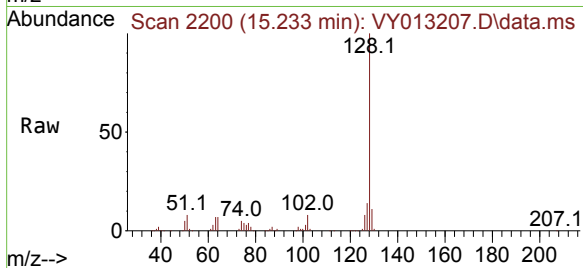
Tgt Ion:128 Resp: 155846

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.449 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013207.D

Acq: 05 Apr 2023 17:12

Tgt Ion:180 Resp: 68828

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 31.8 15.3 45.8

