

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013163.D
 Acq On : 31 Mar 2023 16:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 00:08:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	119692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61268	47.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.260%
35) Dibromofluoromethane	7.716	113	59314	49.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.179	98	218424	48.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.483	95	73748	49.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48825	41.612	ug/l	97
3) Chloromethane	2.113	50	45613	37.278	ug/l	99
4) Vinyl Chloride	2.253	62	46474	37.883	ug/l	99
5) Bromomethane	2.650	94	36621	42.299	ug/l	93
6) Chloroethane	2.796	64	31285	40.711	ug/l	97
7) Trichlorofluoromethane	3.125	101	95615	43.792	ug/l	99
8) Diethyl Ether	3.528	74	33180	48.394	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	51314	42.628	ug/l	96
10) Methyl Iodide	4.088	142	78573	50.126	ug/l	98
11) Tert butyl alcohol	4.954	59	24667	212.767	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	50928	43.766	ug/l	96
13) Acrolein	3.729	56	34388	211.366	ug/l	100
14) Allyl chloride	4.479	41	89516	45.149	ug/l	94
15) Acrylonitrile	5.161	53	77528	227.559	ug/l	98
16) Acetone	3.942	43	84402	214.580	ug/l	99
17) Carbon Disulfide	4.192	76	165016	42.582	ug/l	100
18) Methyl Acetate	4.472	43	53796	43.406	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	148861	50.484	ug/l	100
20) Methylene Chloride	4.716	84	68031	50.115	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	61013	46.536	ug/l	94
22) Diisopropyl ether	6.119	45	187963	48.523	ug/l	98
23) Vinyl Acetate	6.058	43	526314	238.927	ug/l	97
24) 1,1-Dichloroethane	6.015	63	105406	45.945	ug/l	99
25) 2-Butanone	6.984	43	107972	219.533	ug/l	99
26) 2,2-Dichloropropane	6.978	77	93208	45.170	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	69241	49.021	ug/l	96
28) Bromochloromethane	7.332	49	47929	48.688	ug/l	88
29) Tetrahydrofuran	7.344	42	66436	228.189	ug/l	96
30) Chloroform	7.508	83	113244	47.667	ug/l	100
31) Cyclohexane	7.783	56	85324	40.631	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	98279	46.789	ug/l	99
36) 1,1-Dichloropropene	7.917	75	80577	44.567	ug/l	99
37) Ethyl Acetate	7.070	43	45143	43.954	ug/l	98
38) Carbon Tetrachloride	7.899	117	88813	44.520	ug/l	99
39) Methylcyclohexane	9.185	83	93089	43.887	ug/l	98
40) Benzene	8.161	78	243533	46.636	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	63678	139.758	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	76849	48.034	ug/l	99
43) Isopropyl Acetate	8.271	43	84053	45.721	ug/l	97
44) Trichloroethene	8.941	130	65756	45.742	ug/l	99
45) 1,2-Dichloropropane	9.216	63	60131	45.985	ug/l	97
46) Dibromomethane	9.301	93	35611	47.407	ug/l	95
47) Bromodichloromethane	9.496	83	87381	48.210	ug/l #	98
48) Methyl methacrylate	9.289	41	39086	45.651	ug/l	91
49) 1,4-Dioxane	9.295	88	8599	962.250	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	223937	225.705	ug/l	98
52) Toluene	10.240	92	153656	47.436	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	90114	48.641	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	102728	48.552	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	49648	47.815	ug/l	98
56) Ethyl methacrylate	10.508	69	64730	49.582	ug/l	96
57) 1,3-Dichloropropane	10.788	76	83880	47.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	149210	244.433	ug/l	96
59) 2-Hexanone	10.831	43	162760	226.825	ug/l	99
60) Dibromochloromethane	10.983	129	63999	49.074	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47430	47.144	ug/l	99
64) Tetrachloroethene	10.721	164	59278	45.684	ug/l	98
65) Chlorobenzene	11.514	112	168689	47.079	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	64209	47.799	ug/l	99
67) Ethyl Benzene	11.593	91	291462	47.097	ug/l	100
68) m/p-Xylenes	11.703	106	229621	95.917	ug/l	99
69) o-Xylene	12.026	106	108669	48.939	ug/l	98
70) Styrene	12.044	104	187486	50.474	ug/l	99
71) Bromoform	12.209	173	41113	49.357	ug/l #	97
73) Isopropylbenzene	12.331	105	280816	47.192	ug/l	100
74) N-amyl acetate	12.142	43	73816	45.180	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	56717	45.503	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	73430	75.825	ug/l #	100
77) Bromobenzene	12.605	156	72263	48.845	ug/l	91
78) n-propylbenzene	12.672	91	337863	46.178	ug/l	99
79) 2-Chlorotoluene	12.758	91	194871	46.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	238380	47.916	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19872	45.762	ug/l	97
82) 4-Chlorotoluene	12.855	91	201994	46.749	ug/l	100
83) tert-Butylbenzene	13.075	119	204979	47.970	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	235756	48.389	ug/l	100
85) sec-Butylbenzene	13.251	105	298097	46.202	ug/l	99
86) p-Isopropyltoluene	13.367	119	254097	47.839	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	140066	47.760	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	139153	47.351	ug/l	99
89) n-Butylbenzene	13.696	91	229033	46.125	ug/l	99
90) Hexachloroethane	13.959	117	50291	45.451	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	123553	47.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9160	44.164	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	76288	49.948	ug/l	99
94) Hexachlorobutadiene	15.111	225	45085	47.996	ug/l	99
95) Naphthalene	15.233	128	142890	44.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	65690	48.816	ug/l	98

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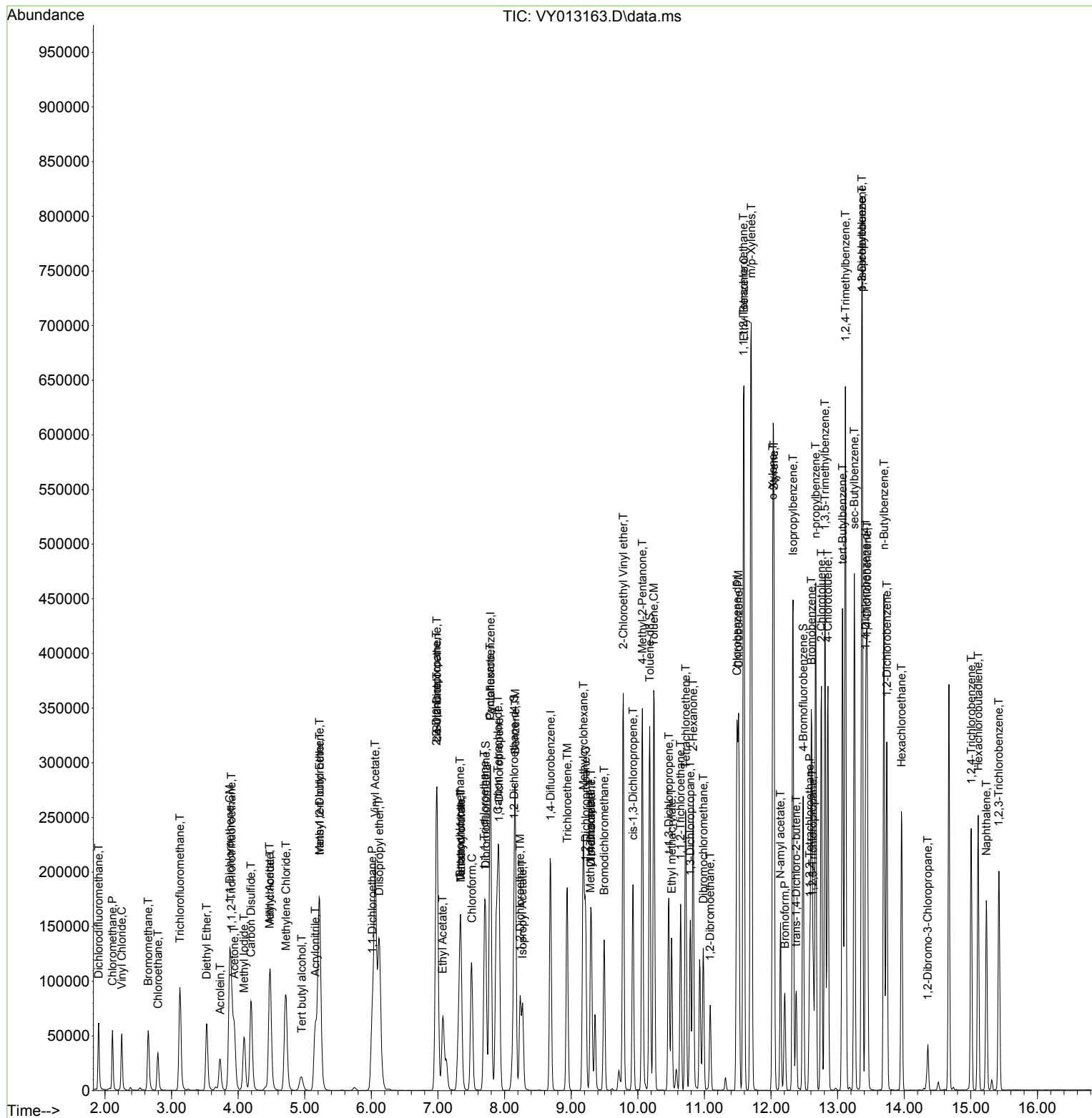
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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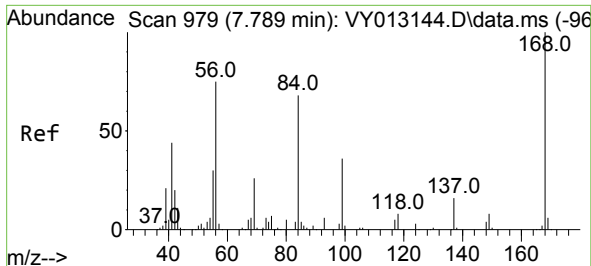
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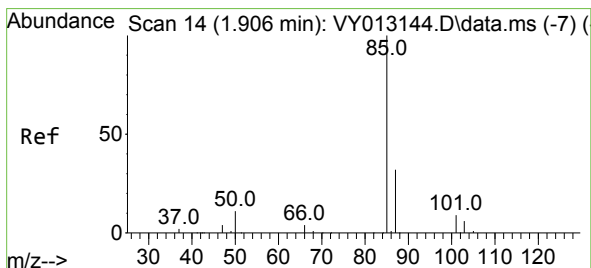
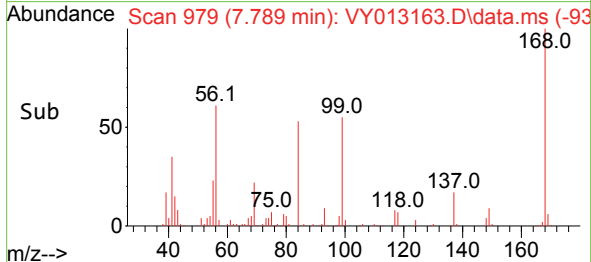
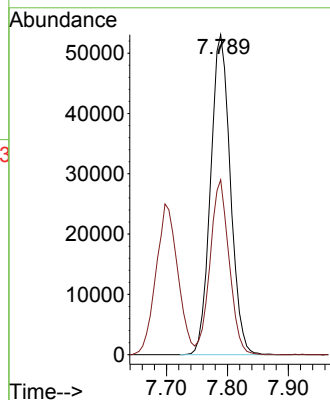
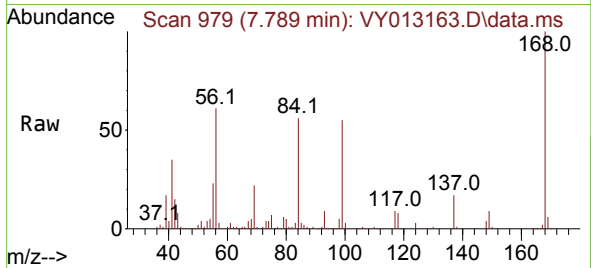




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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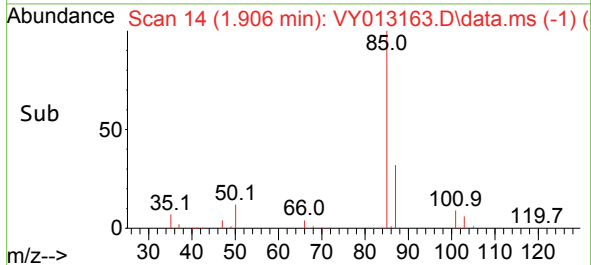
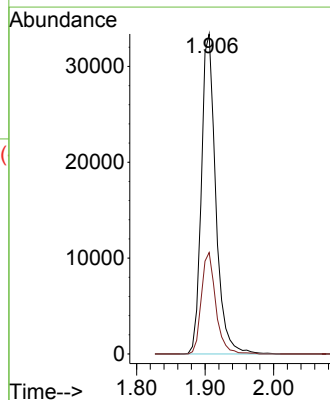
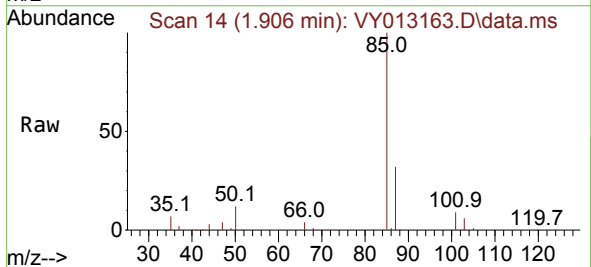
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

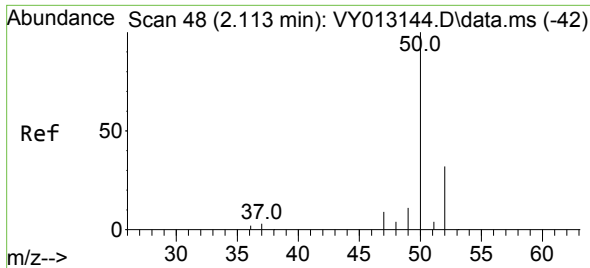
Tgt Ion:168 Resp: 119692
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 41.612 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 85 Resp: 48825
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0

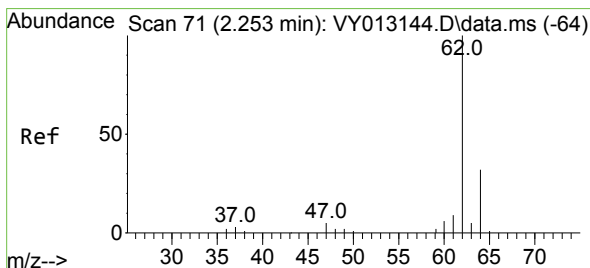
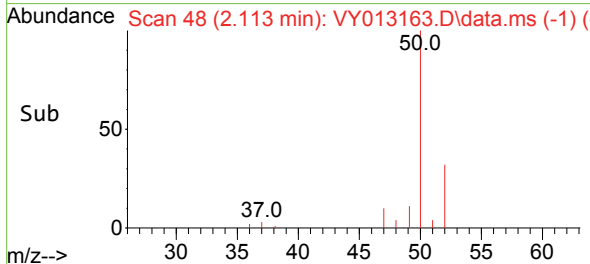
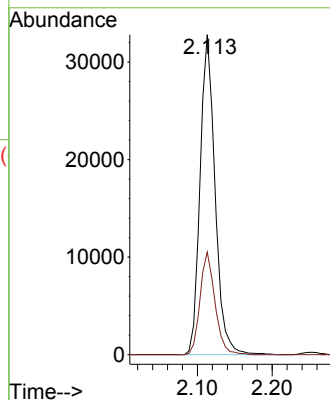
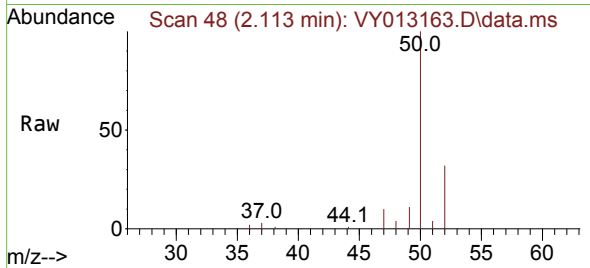




#3
Chloromethane
Concen: 37.278 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013163.D
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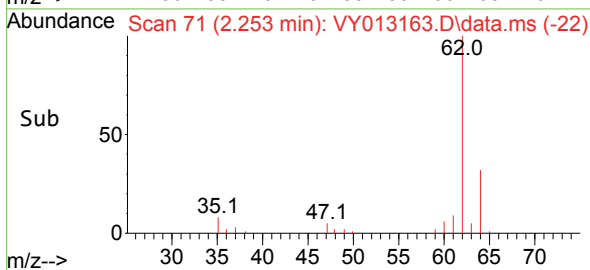
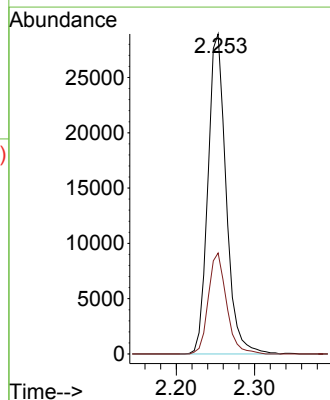
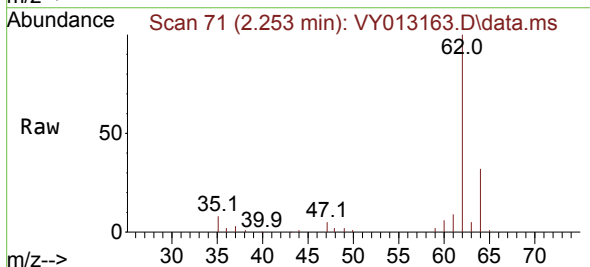
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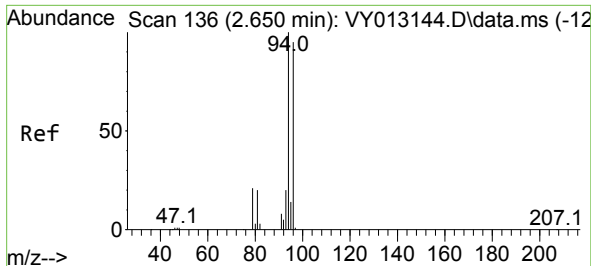
Tgt Ion: 50 Resp: 45613
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 37.883 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 62 Resp: 46474
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4

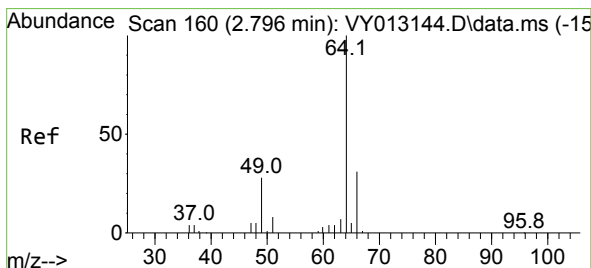
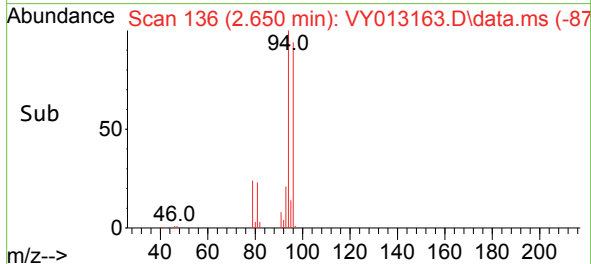
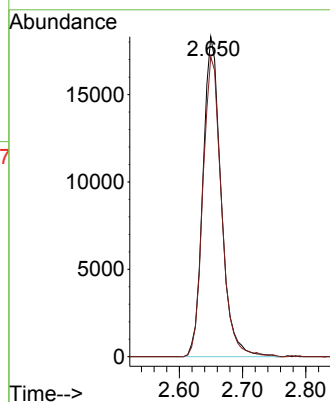
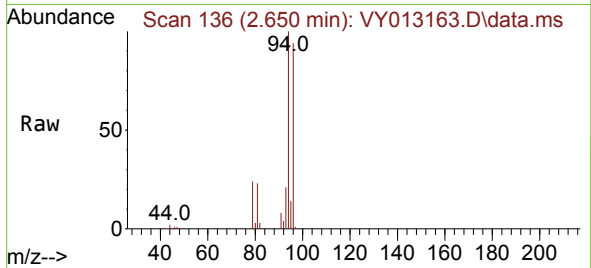




#5
Bromomethane
Concen: 42.299 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013163.D
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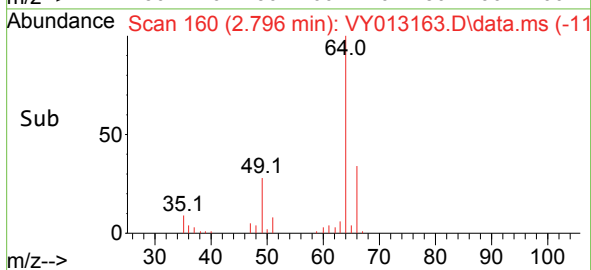
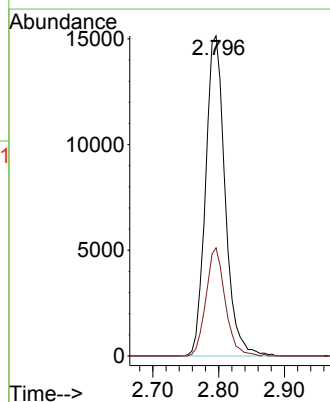
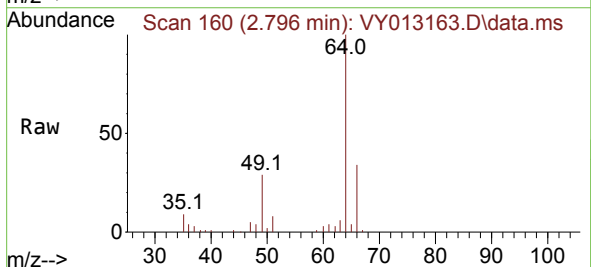
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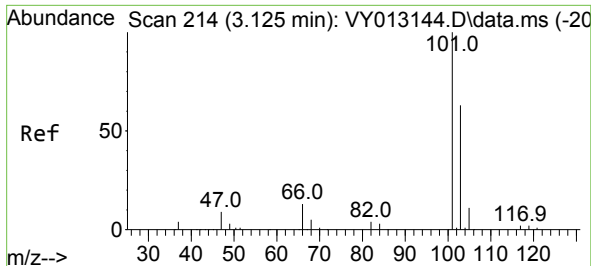
Tgt Ion: 94 Resp: 36621
Ion Ratio Lower Upper
94 100
96 93.7 80.3 120.5



#6
Chloroethane
Concen: 40.711 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 64 Resp: 31285
Ion Ratio Lower Upper
64 100
66 33.8 25.7 38.5

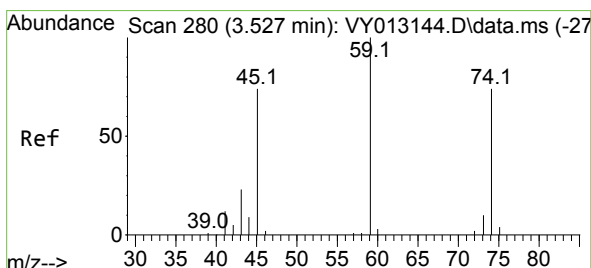
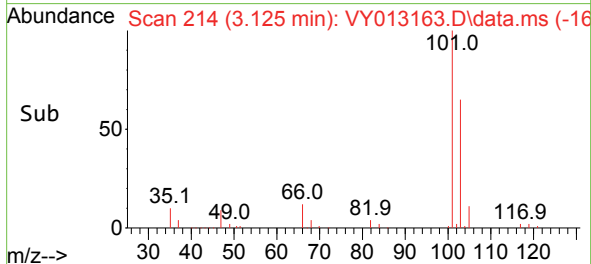
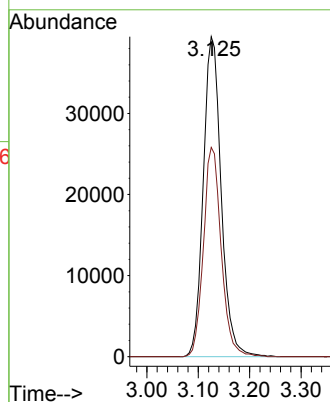
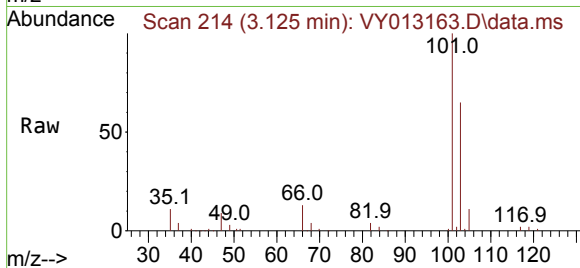




#7
 Trichlorofluoromethane
 Concen: 43.792 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

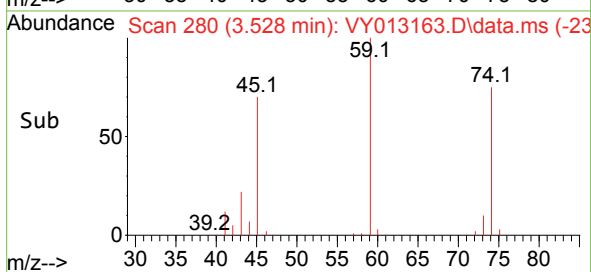
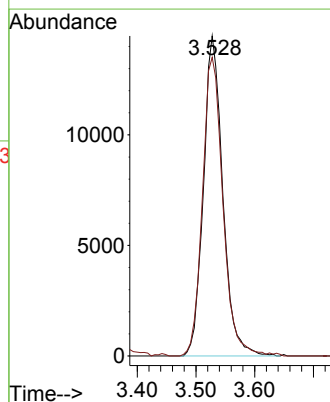
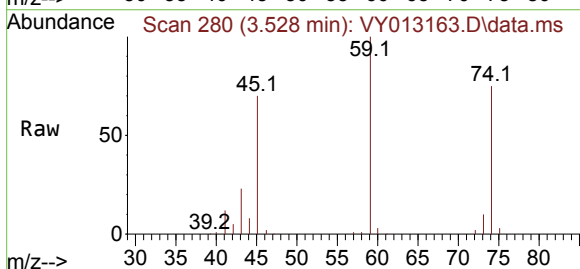
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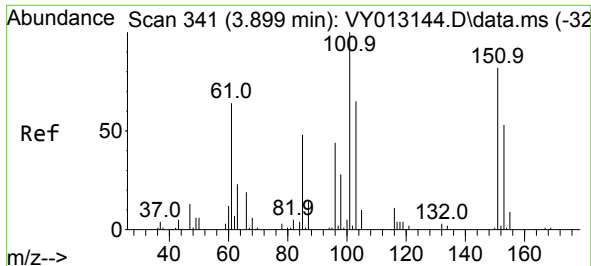
Tgt Ion:101 Resp: 95615
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 48.394 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 33180
 Ion Ratio Lower Upper
 74 100
 45 98.4 52.1 156.4

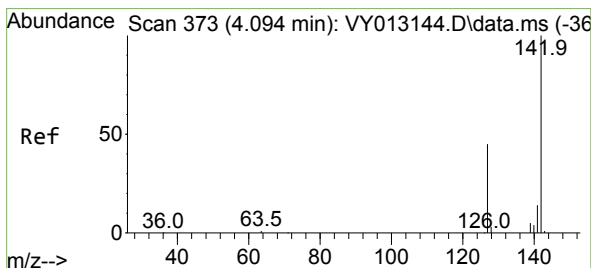
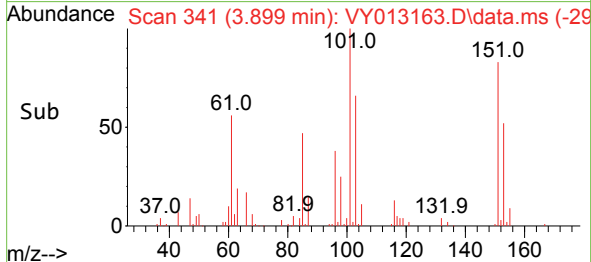
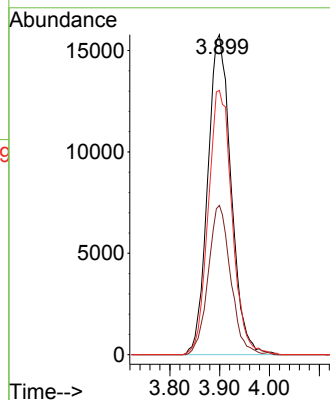
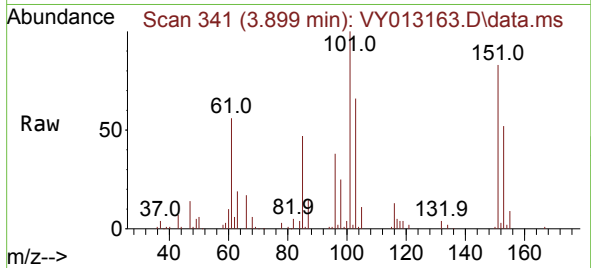




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.628 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

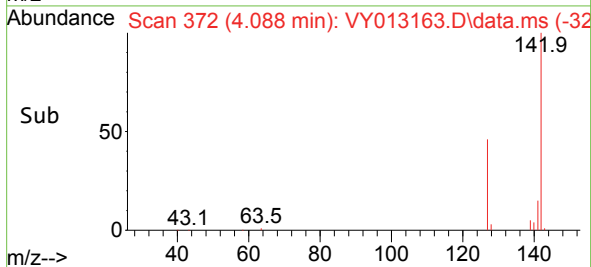
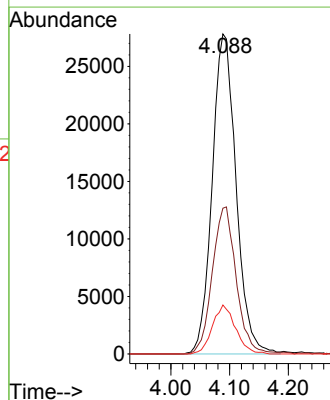
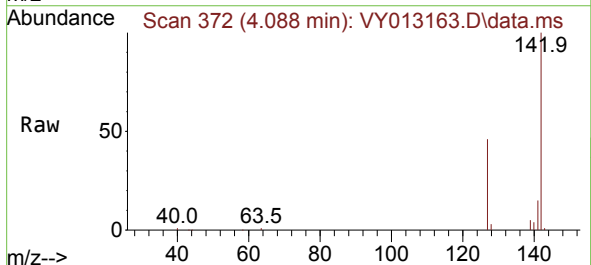
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

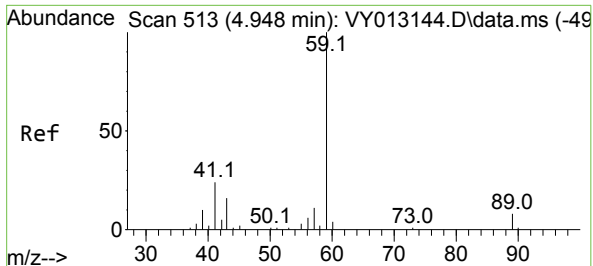
Tgt Ion:101 Resp: 51314
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 84.3 63.1 94.7



#10
Methyl Iodide
Concen: 50.126 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:142 Resp: 78573
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.2
141 14.8 11.3 16.9





#11

Tert butyl alcohol

Concen: 212.767 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

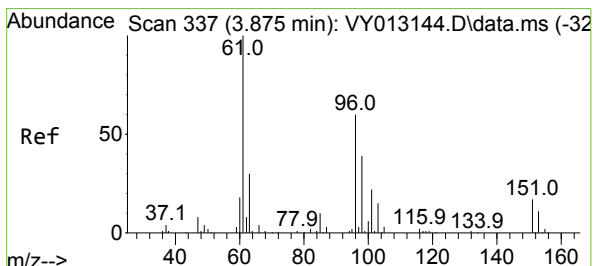
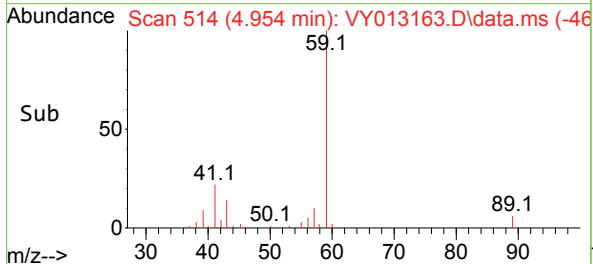
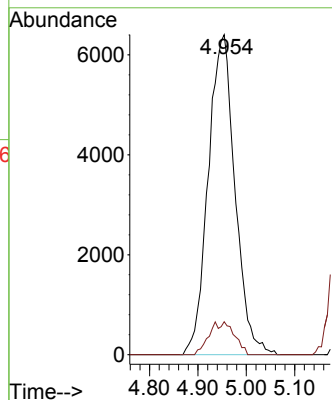
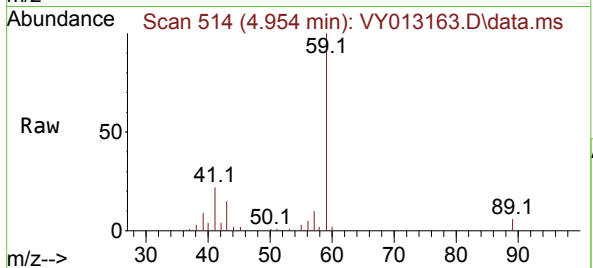
VSTDCCC050EC

Tgt Ion: 59 Resp: 24667

Ion Ratio Lower Upper

59 100

57 4.2 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 43.766 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

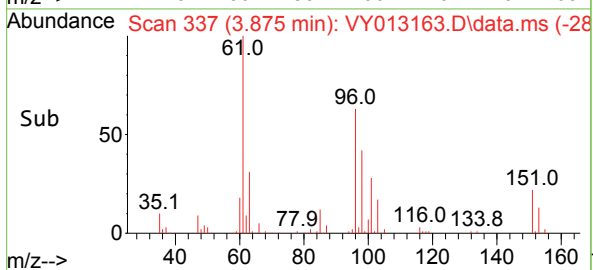
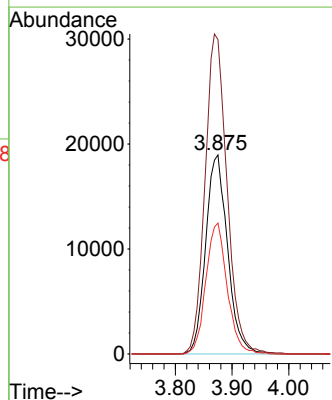
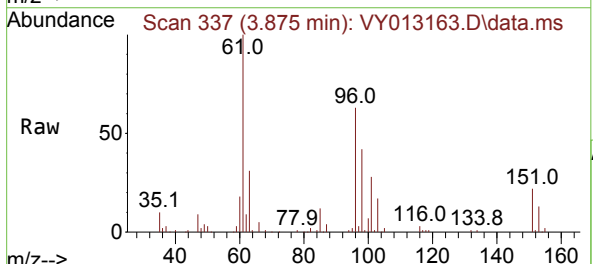
Tgt Ion: 96 Resp: 50928

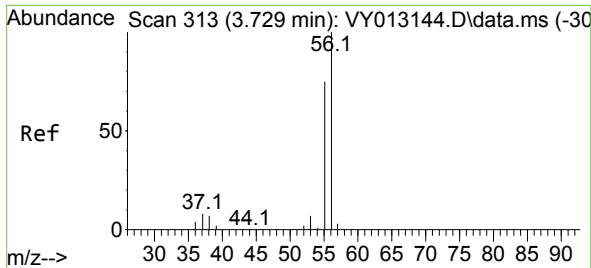
Ion Ratio Lower Upper

96 100

61 158.0 131.7 197.5

98 65.7 52.0 78.0





#13

Acrolein

Concen: 211.366 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

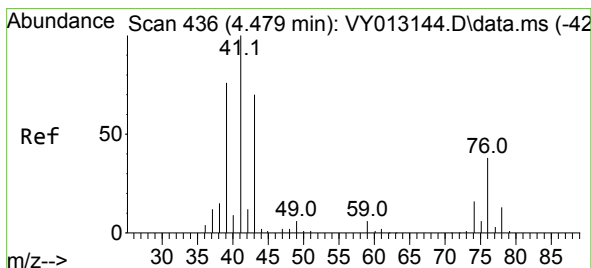
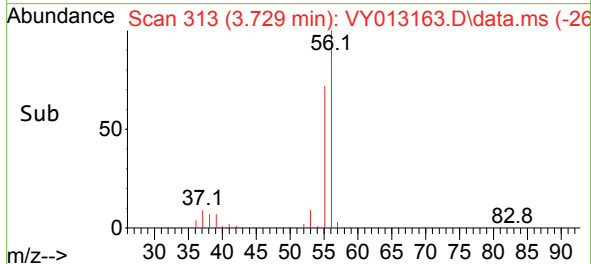
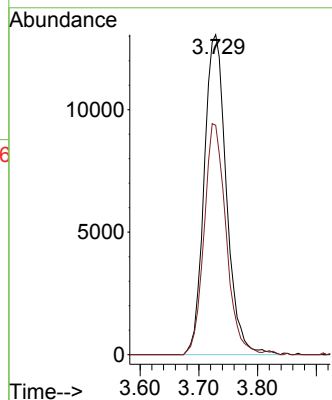
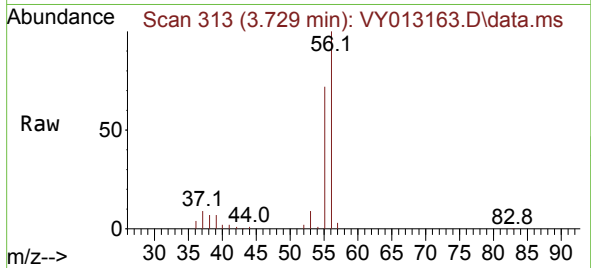
VSTDCCC050EC

Tgt Ion: 56 Resp: 34388

Ion Ratio Lower Upper

56 100

55 71.2 56.8 85.2



#14

Allyl chloride

Concen: 45.149 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

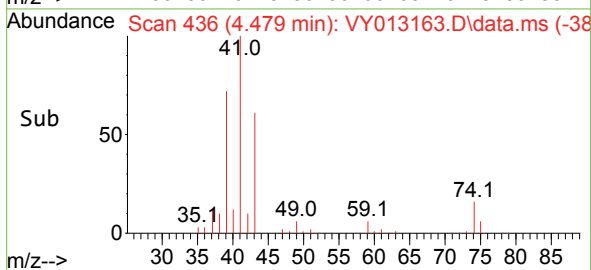
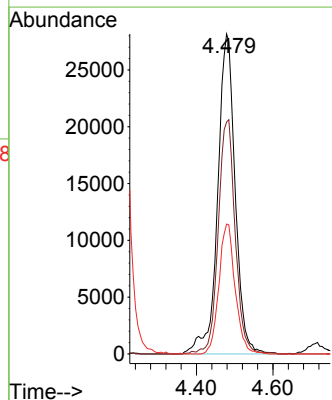
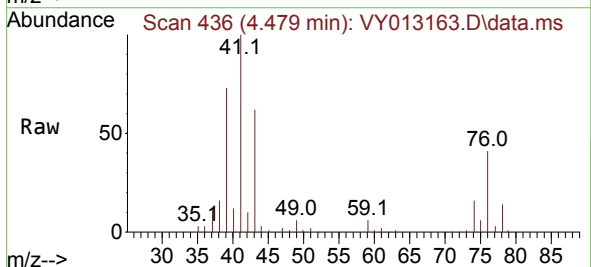
Tgt Ion: 41 Resp: 89516

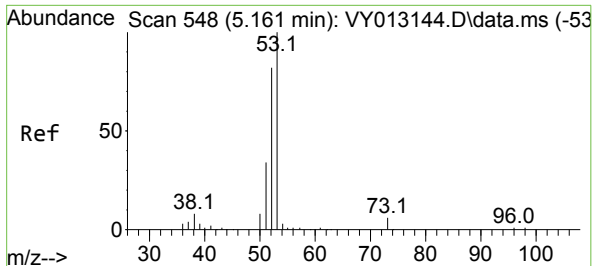
Ion Ratio Lower Upper

41 100

39 71.1 53.6 80.4

76 37.7 27.2 40.8

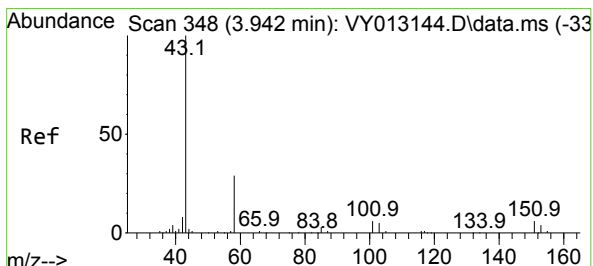
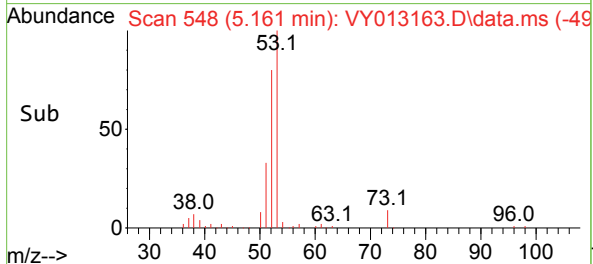
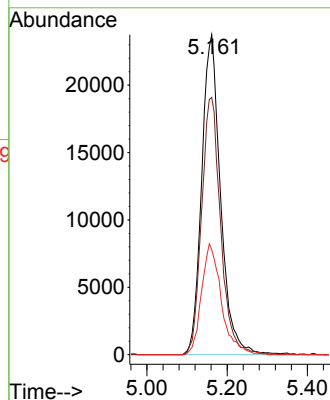
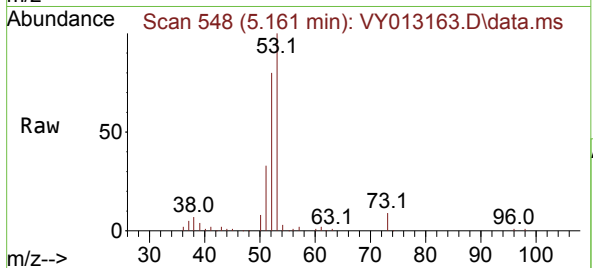




#15
Acrylonitrile
Concen: 227.559 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

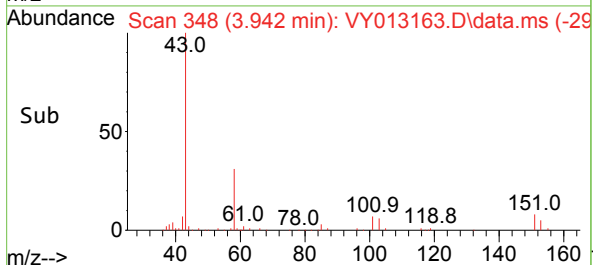
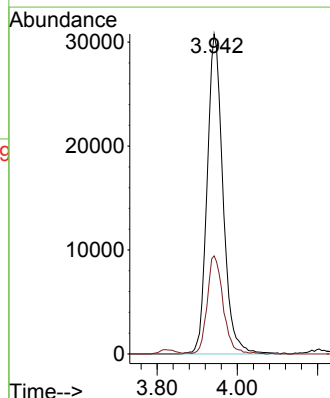
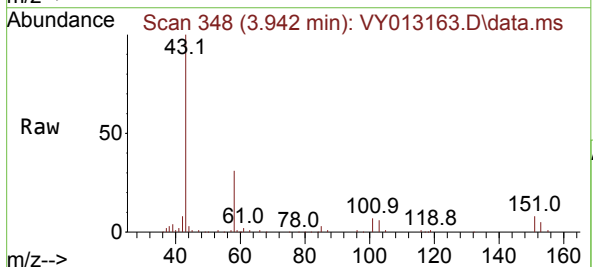
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

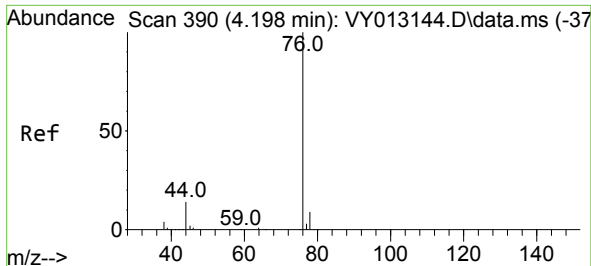
Tgt Ion:	53	Resp:	77528
Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.3	99.5
51	36.5	28.8	43.2



#16
Acetone
Concen: 214.580 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:	43	Resp:	84402
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.2	36.2

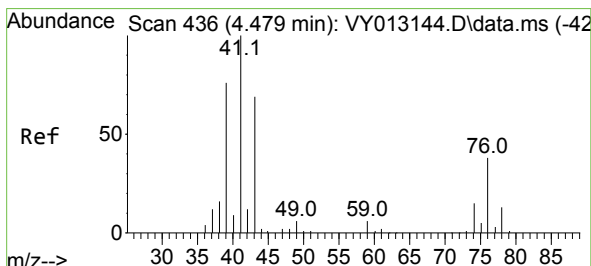
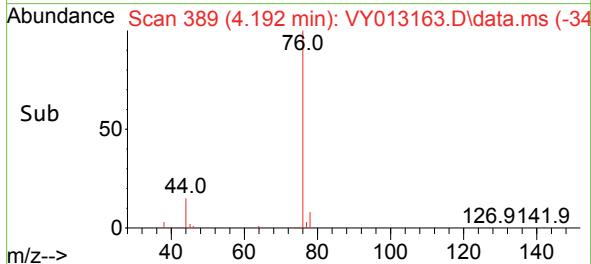
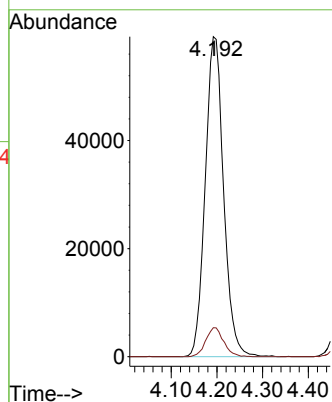
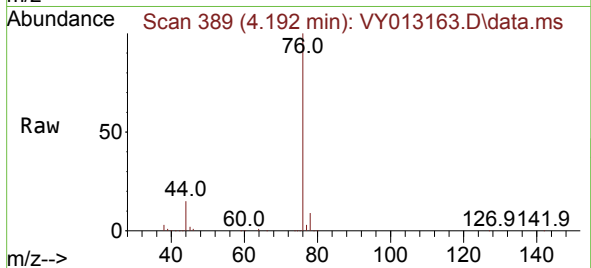




#17
Carbon Disulfide
Concen: 42.582 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

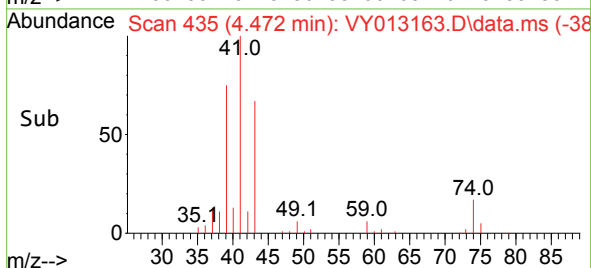
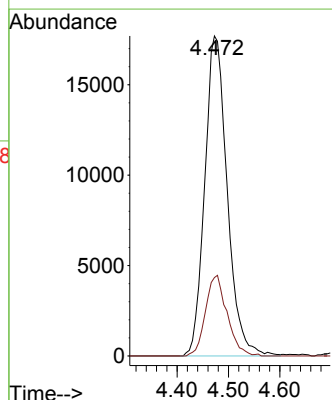
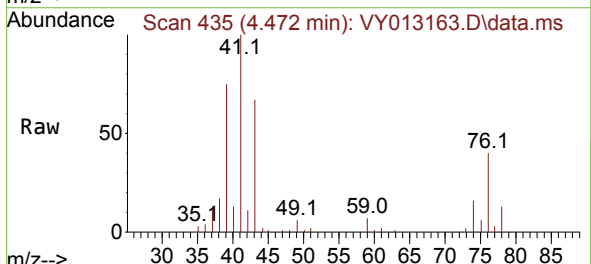
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

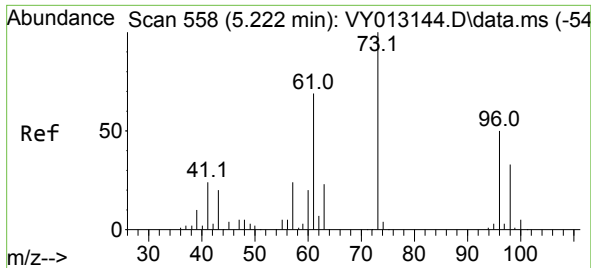
Tgt Ion: 76 Resp: 165016
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 43.406 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 43 Resp: 53796
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0

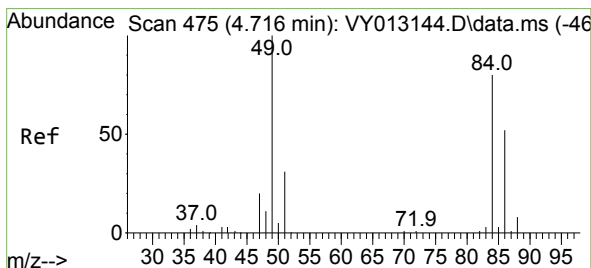
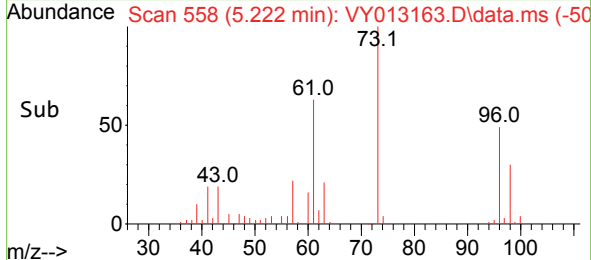
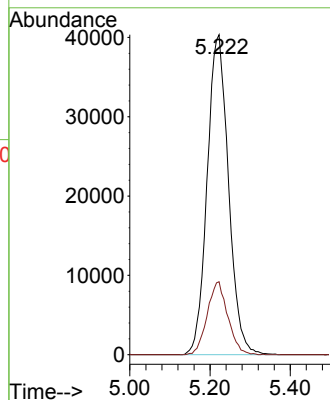
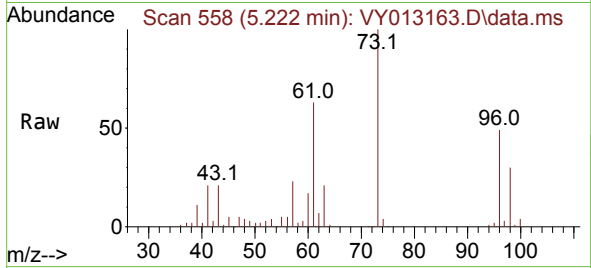




#19
Methyl tert-butyl Ether
Concen: 50.484 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

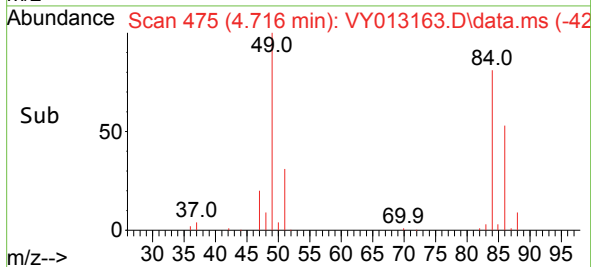
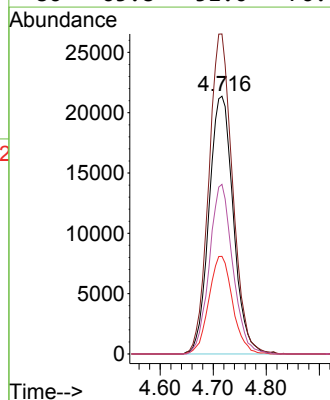
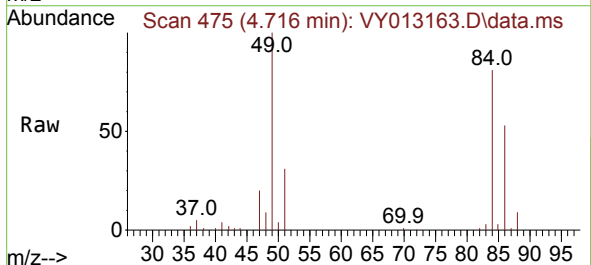
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

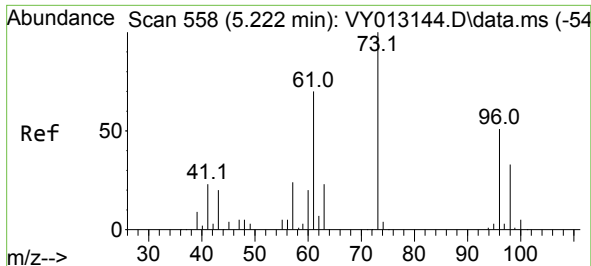
Tgt Ion: 73 Resp: 148861
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 50.115 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 84 Resp: 68031
Ion Ratio Lower Upper
84 100
49 124.1 102.6 154.0
51 37.9 31.9 47.9
86 65.8 51.0 76.6

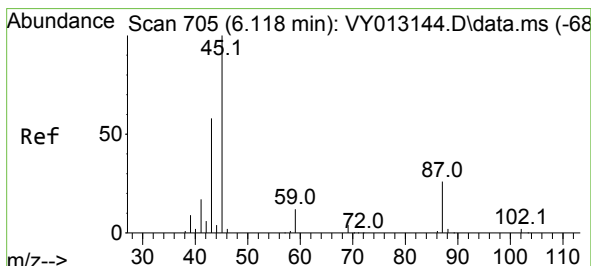
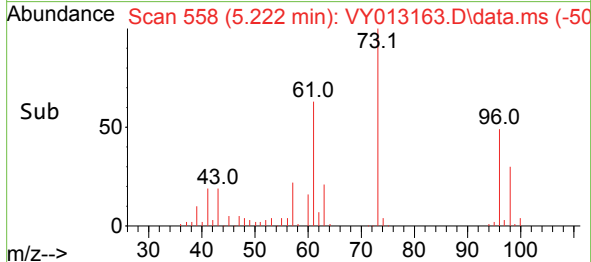
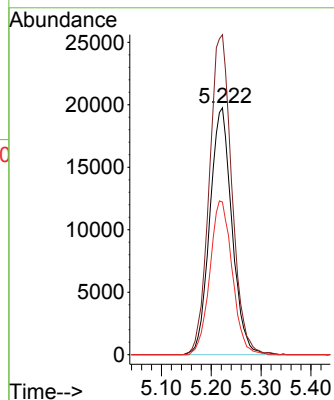
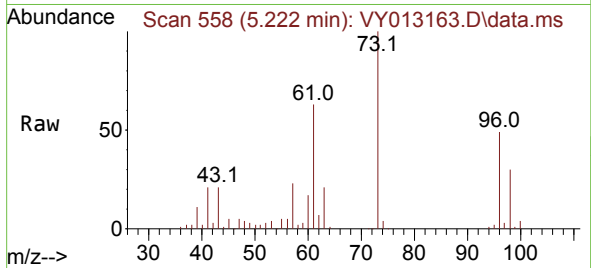




#21
trans-1,2-Dichloroethene
Concen: 46.536 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

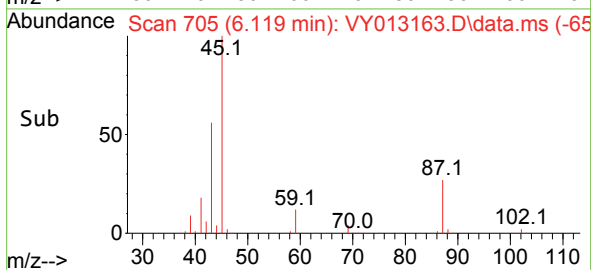
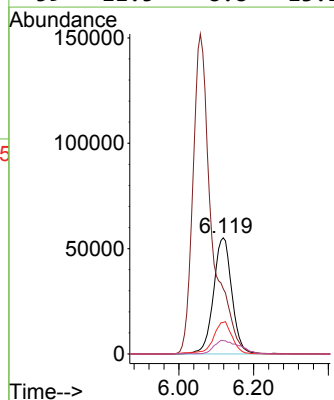
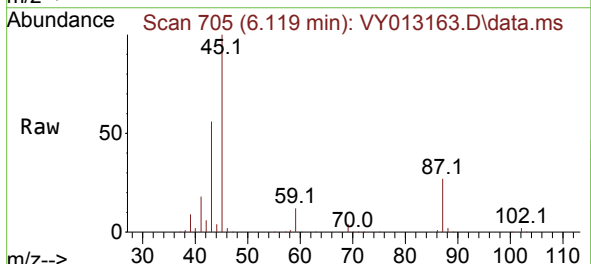
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

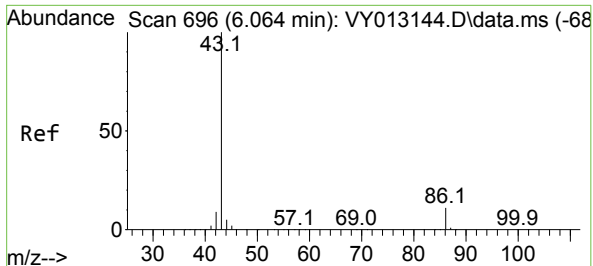
Tgt Ion: 96 Resp: 61013
Ion Ratio Lower Upper
96 100
61 129.6 111.4 167.0
98 61.8 50.8 76.2



#22
Diisopropyl ether
Concen: 48.523 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 45 Resp: 187963
Ion Ratio Lower Upper
45 100
43 55.7 45.0 67.6
87 27.2 20.3 30.5
59 11.5 8.8 13.2

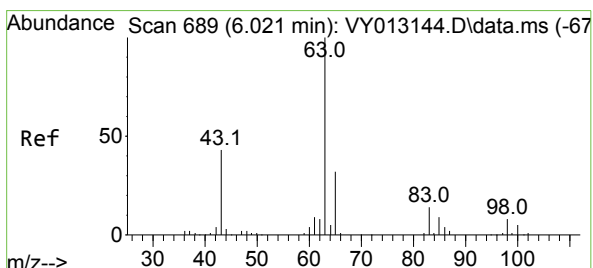
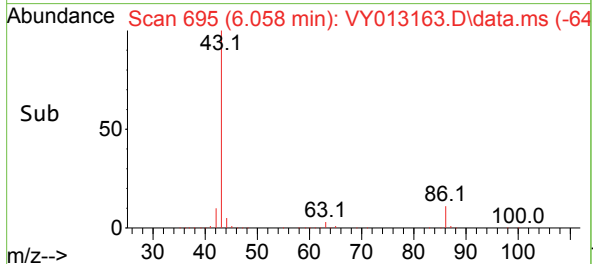
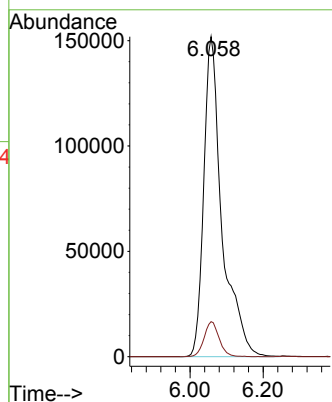
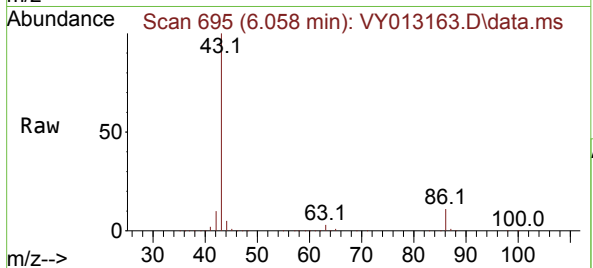




#23
 Vinyl Acetate
 Concen: 238.927 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

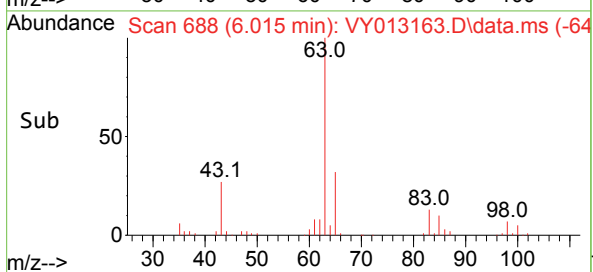
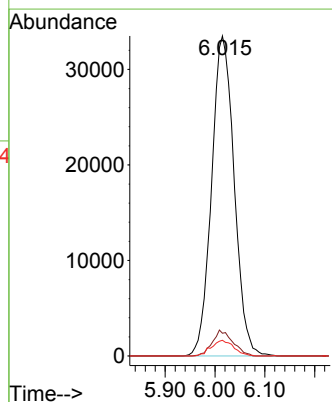
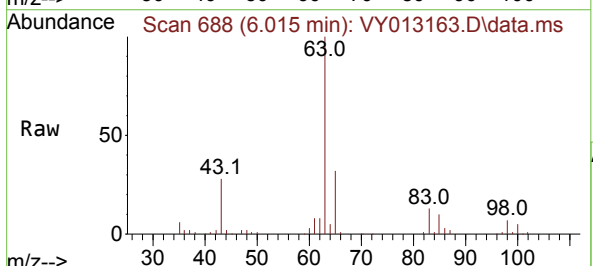
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

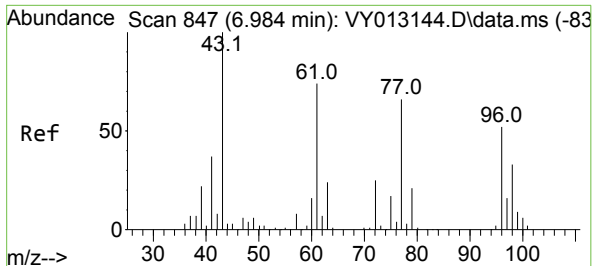
Tgt Ion: 43 Resp: 526314
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 45.945 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

Tgt Ion: 63 Resp: 105406
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 219.533 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

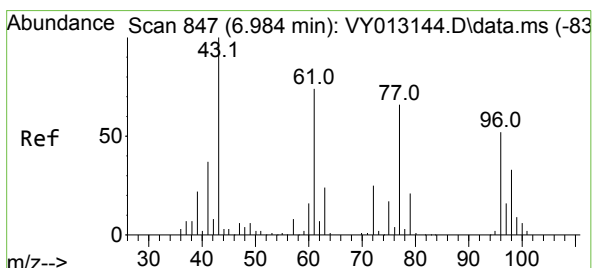
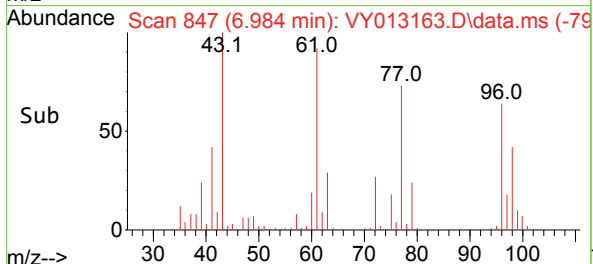
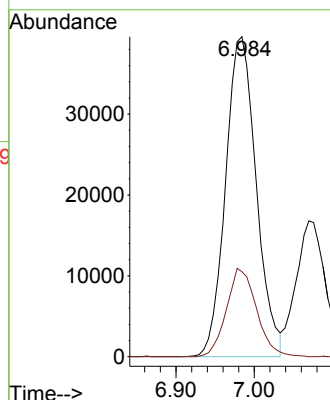
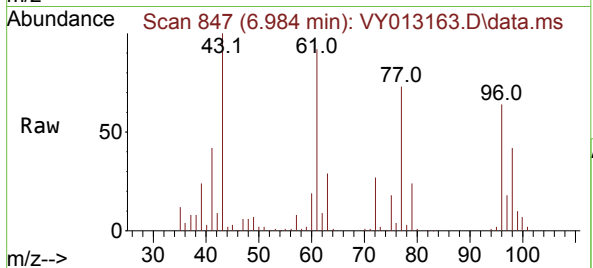
VSTDCCC050EC

Tgt Ion: 43 Resp: 107972

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 45.170 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013163.D

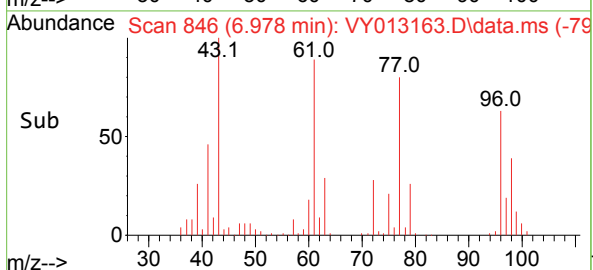
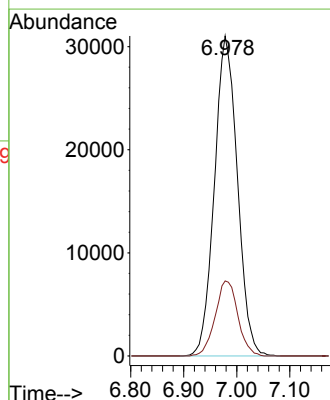
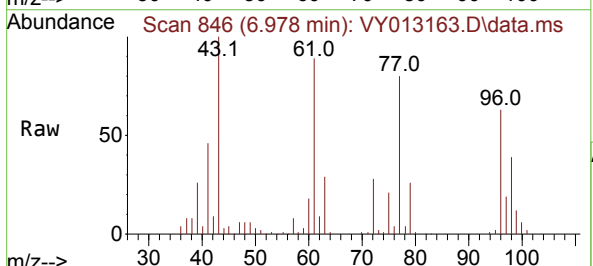
Acq: 31 Mar 2023 16:29

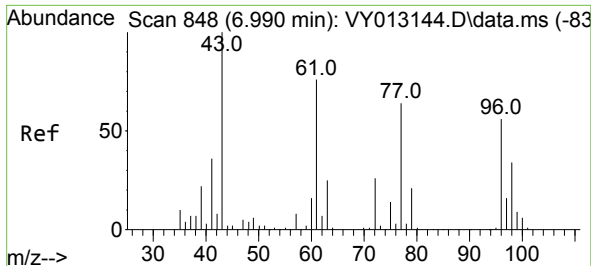
Tgt Ion: 77 Resp: 93208

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0

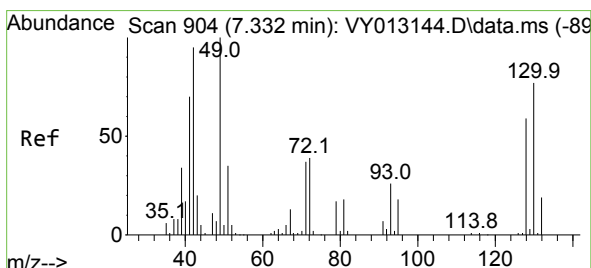
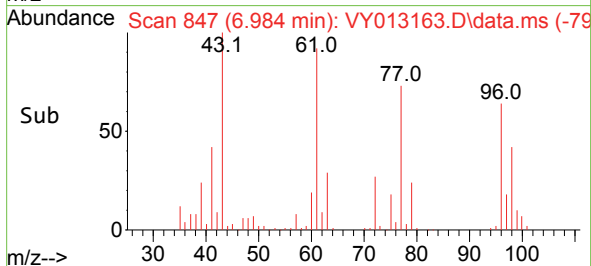
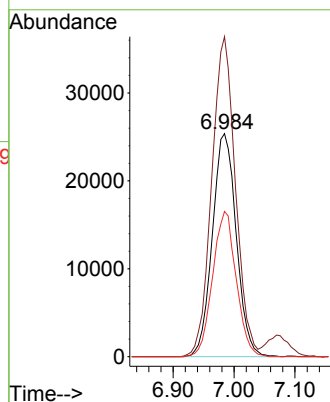
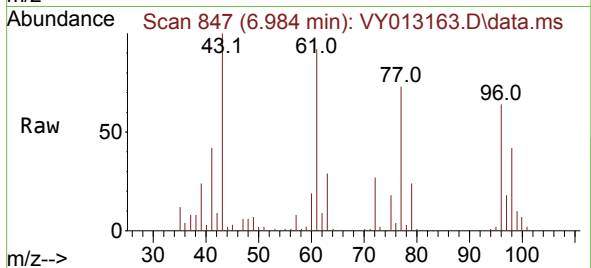




#27
 cis-1,2-Dichloroethene
 Concen: 49.021 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

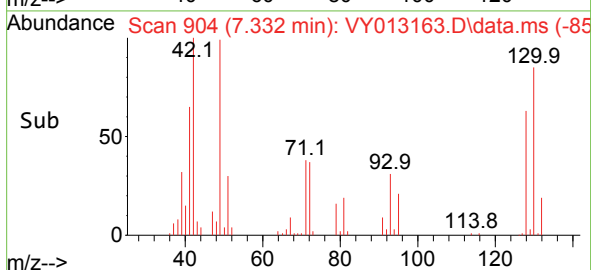
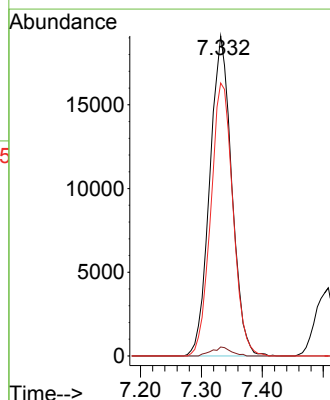
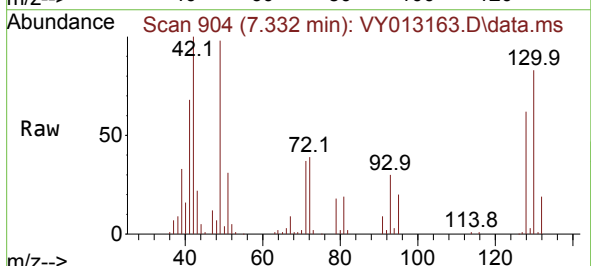
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

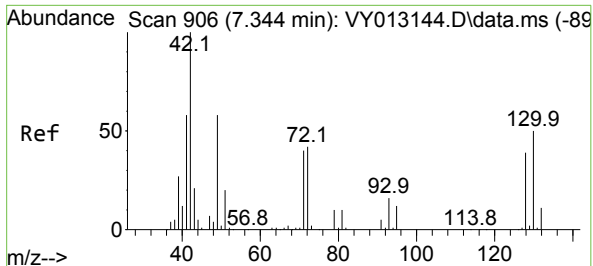
Tgt Ion: 96 Resp: 69241
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 295.8
 98 64.1 0.0 130.2



#28
 Bromochloromethane
 Concen: 48.688 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

Tgt Ion: 49 Resp: 47929
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 85.9 60.5 90.7





#29

Tetrahydrofuran

Concen: 228.189 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

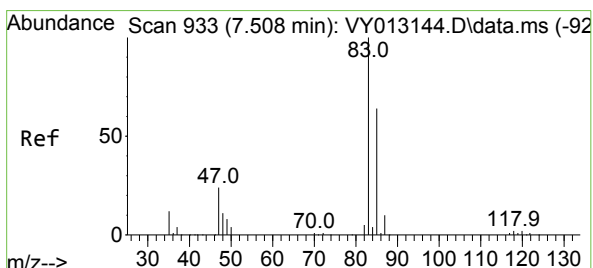
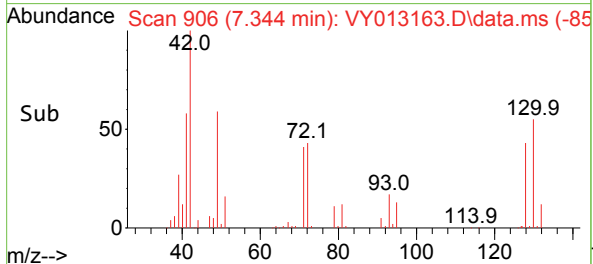
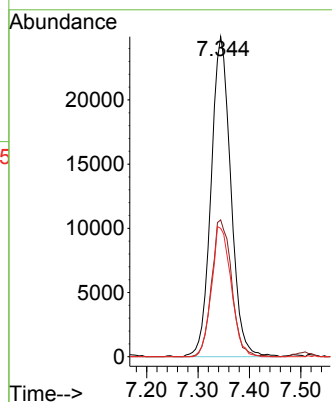
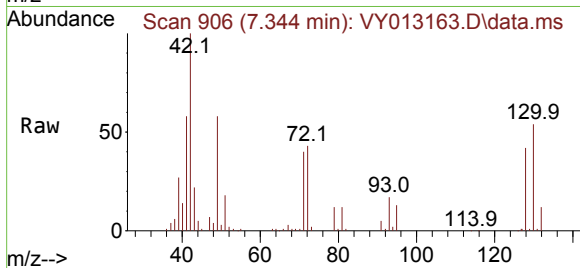
Tgt Ion: 42 Resp: 66436

Ion Ratio Lower Upper

42 100

72 43.2 32.3 48.5

71 40.4 30.3 45.5



#30

Chloroform

Concen: 47.667 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013163.D

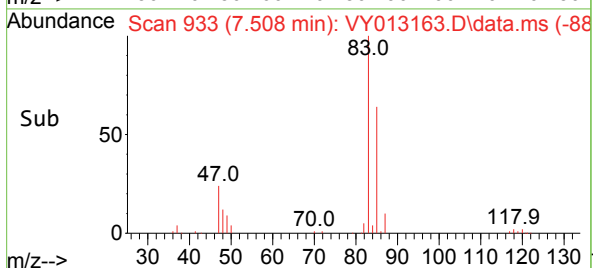
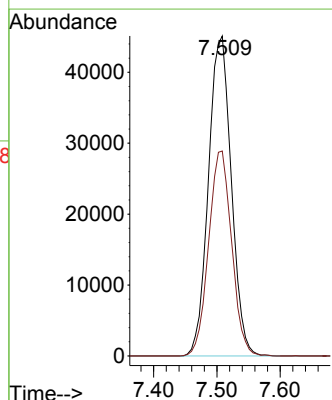
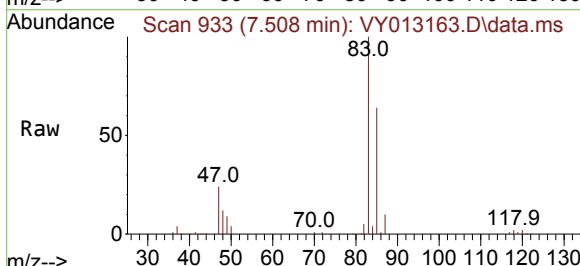
Acq: 31 Mar 2023 16:29

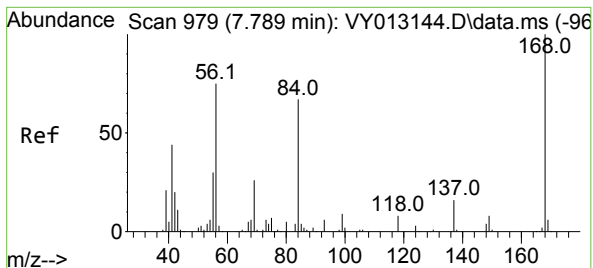
Tgt Ion: 83 Resp: 113244

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.0





#31

Cyclohexane

Concen: 40.631 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

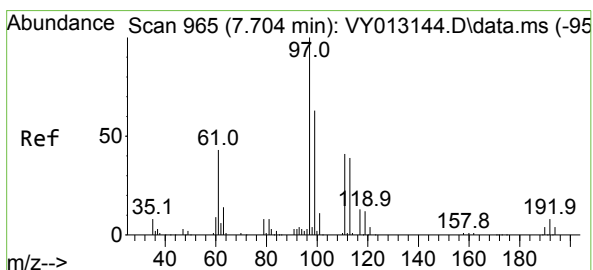
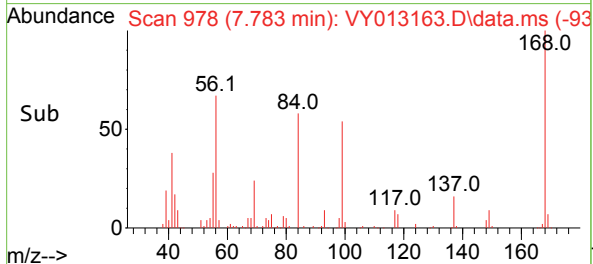
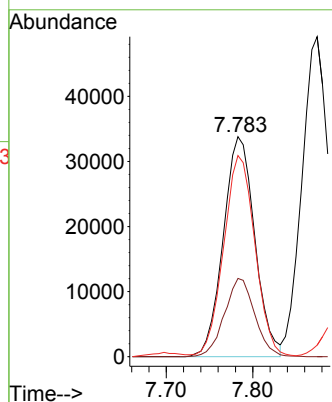
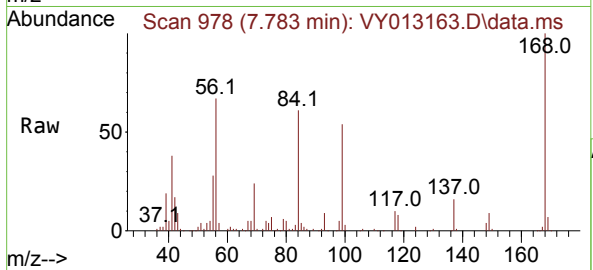
Tgt Ion: 56 Resp: 85324

Ion Ratio Lower Upper

56 100

69 35.6 25.7 38.5

84 90.3 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 46.789 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

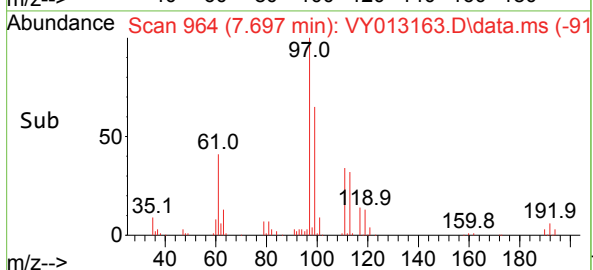
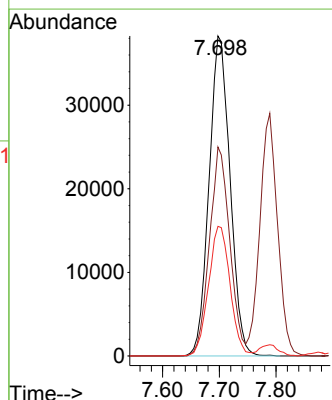
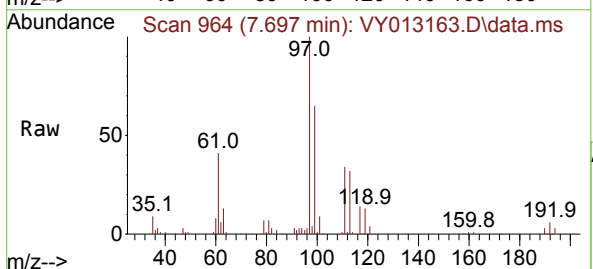
Tgt Ion: 97 Resp: 98279

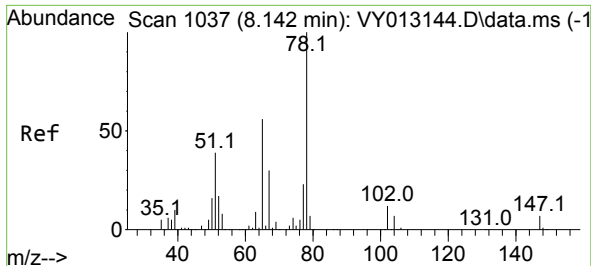
Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.6

61 41.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.631 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

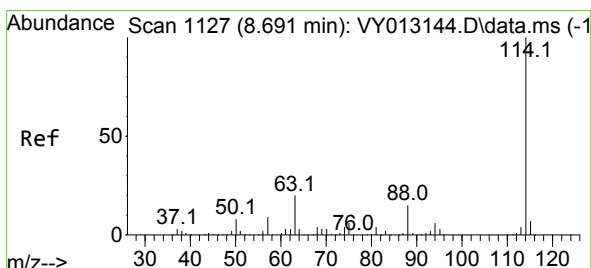
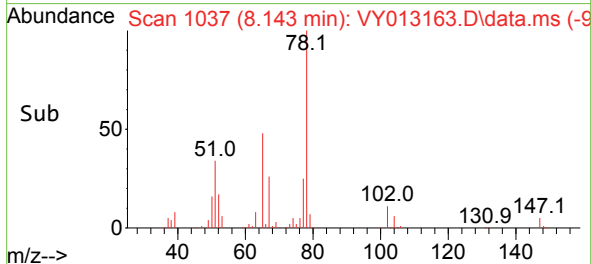
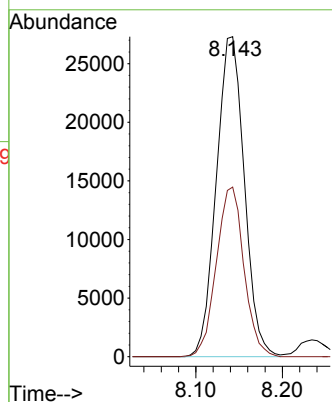
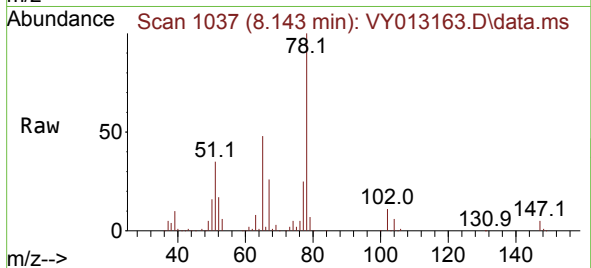
VSTDCCC050EC

Tgt Ion: 65 Resp: 61268

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

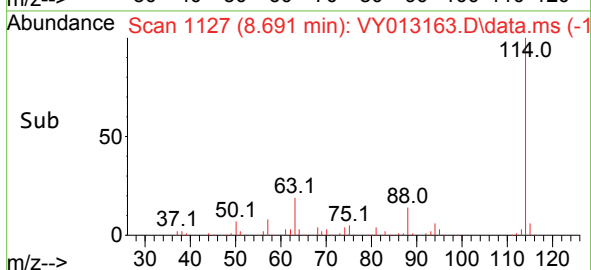
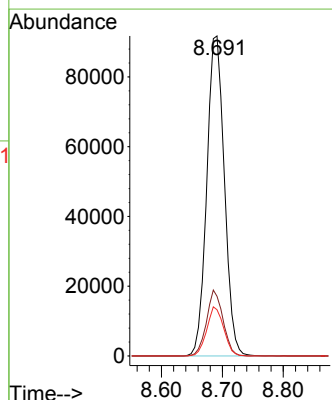
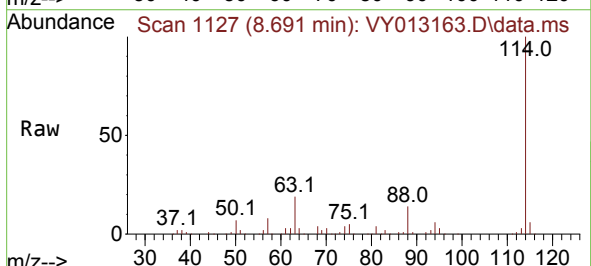
Tgt Ion: 114 Resp: 183841

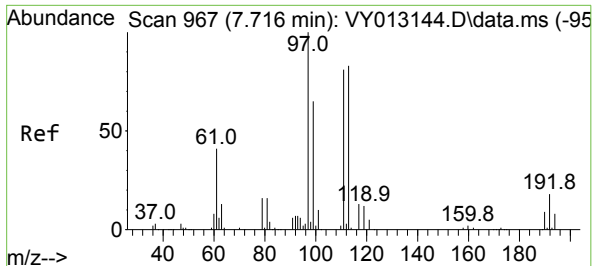
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.4 0.0 28.6

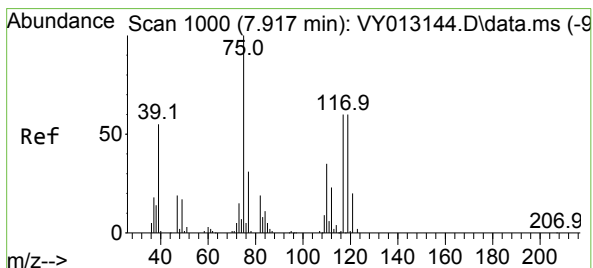
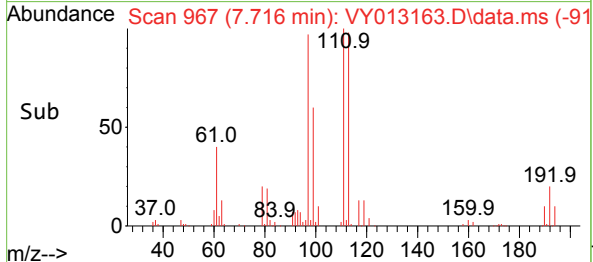
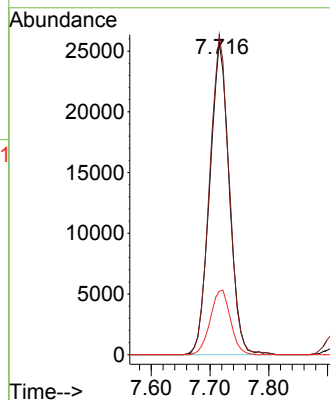
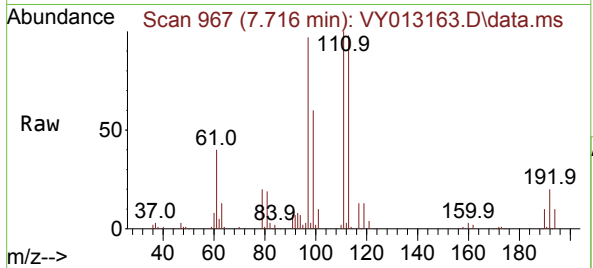




#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

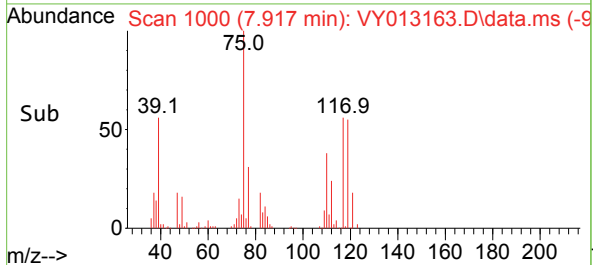
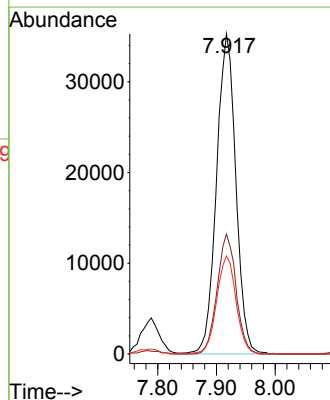
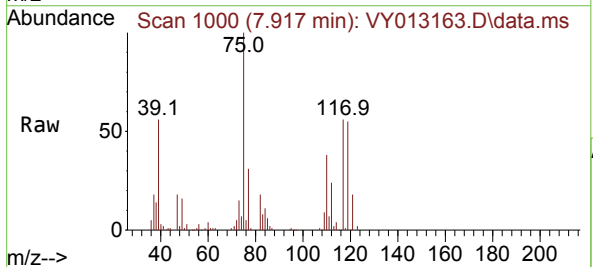
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

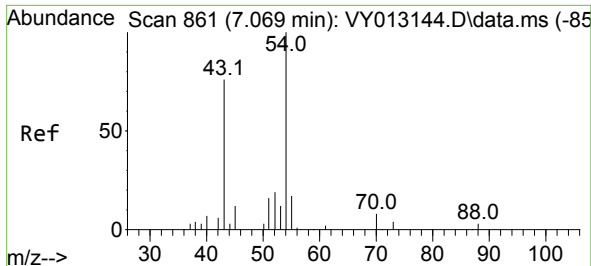
Tgt Ion:113 Resp: 59314
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 21.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 44.567 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 75 Resp: 80577
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 43.954 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

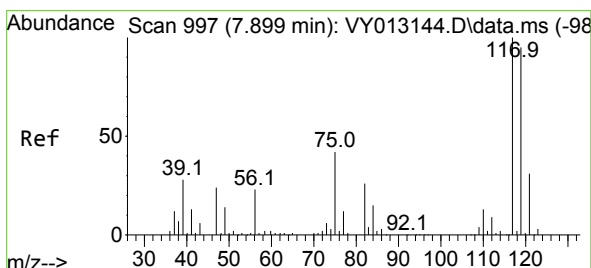
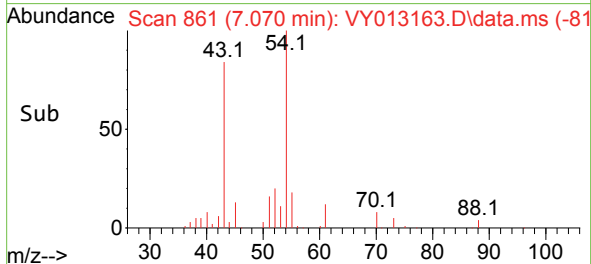
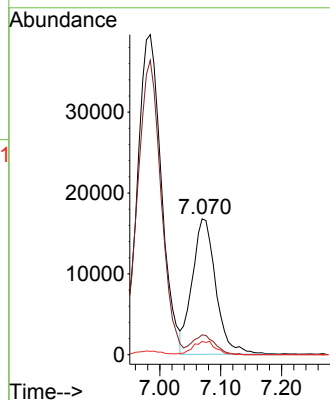
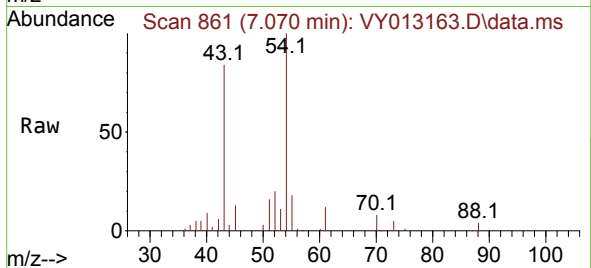
Tgt Ion: 43 Resp: 45143

Ion Ratio Lower Upper

43 100

61 14.2 10.7 16.1

70 9.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 44.520 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

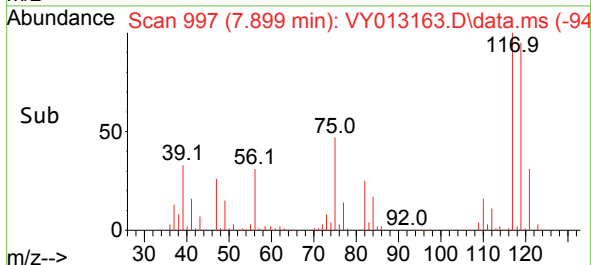
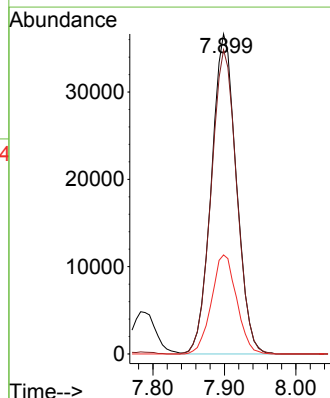
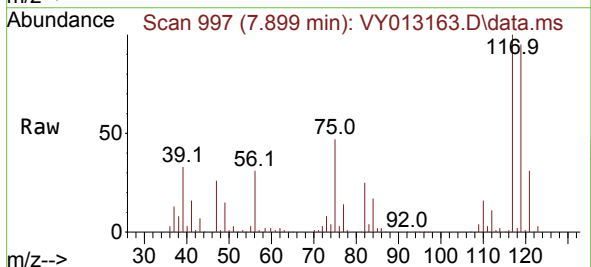
Tgt Ion: 117 Resp: 88813

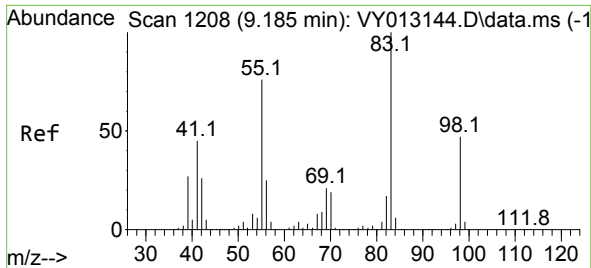
Ion Ratio Lower Upper

117 100

119 95.0 77.2 115.8

121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 43.887 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

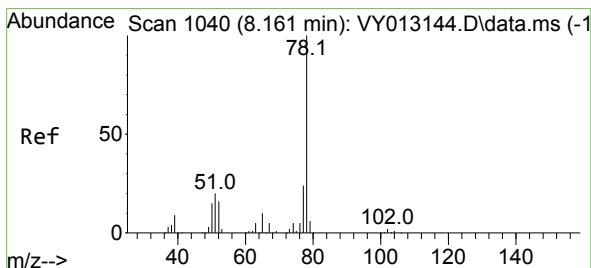
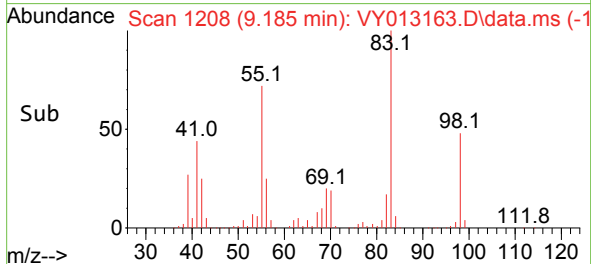
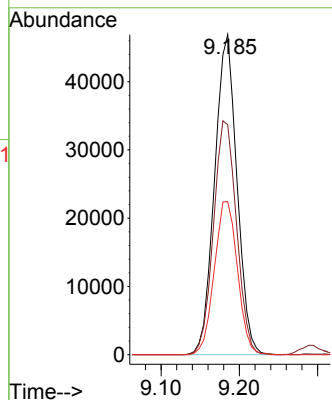
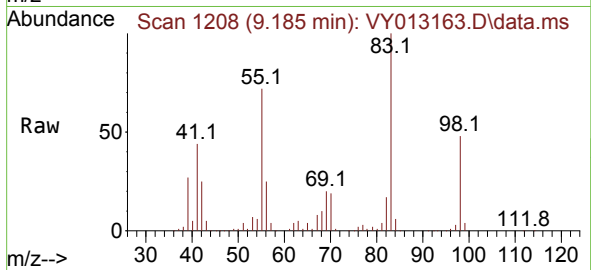
Tgt Ion: 83 Resp: 93089

Ion Ratio Lower Upper

83 100

55 71.9 60.0 90.0

98 47.9 38.3 57.5



#40

Benzene

Concen: 46.636 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013163.D

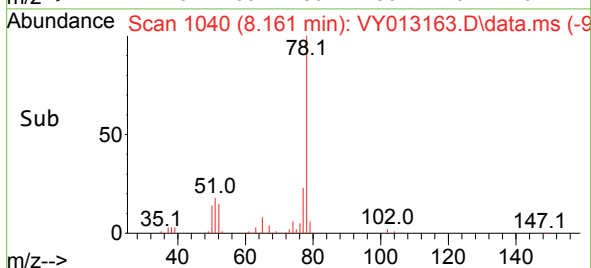
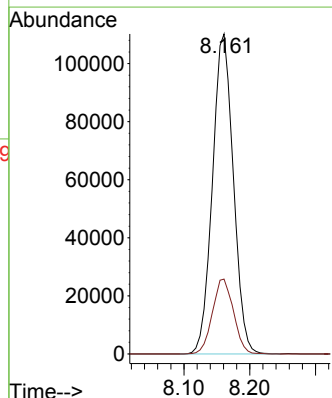
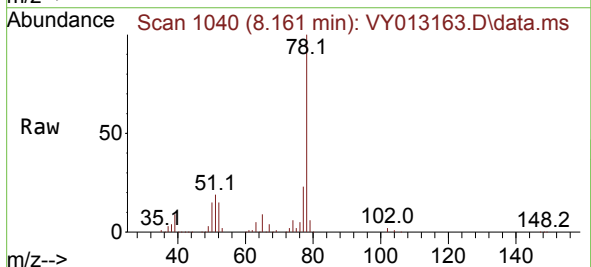
Acq: 31 Mar 2023 16:29

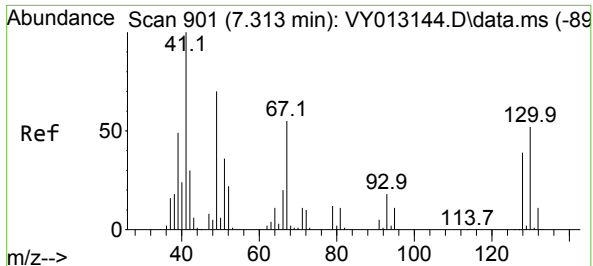
Tgt Ion: 78 Resp: 243533

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

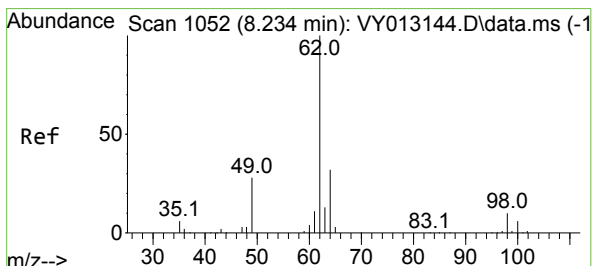
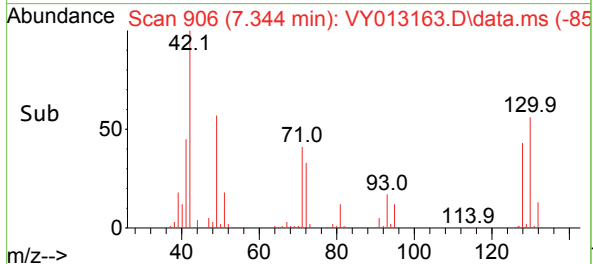
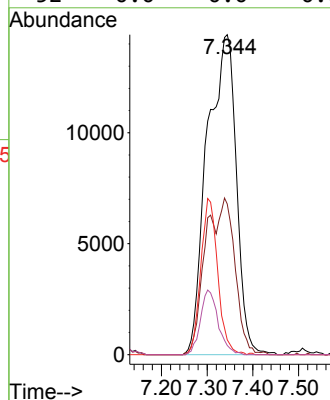
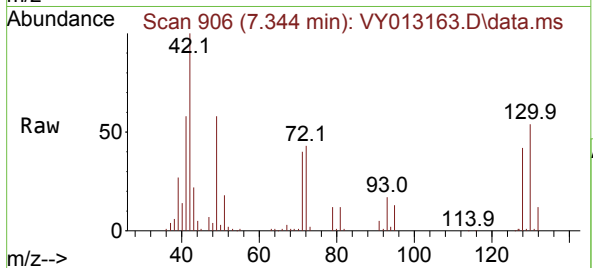




#41
Methacrylonitrile
Concen: 139.758 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

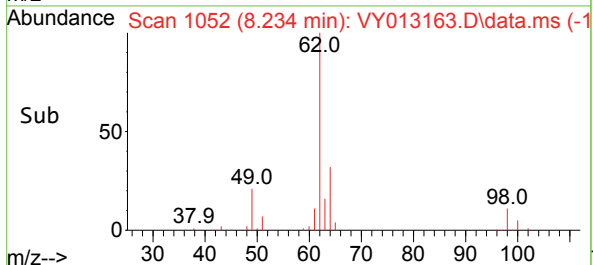
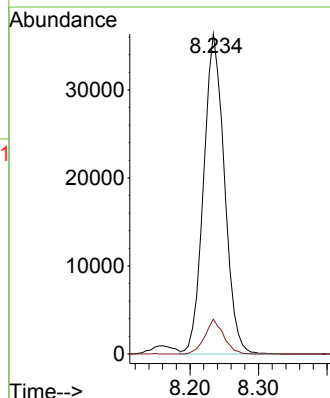
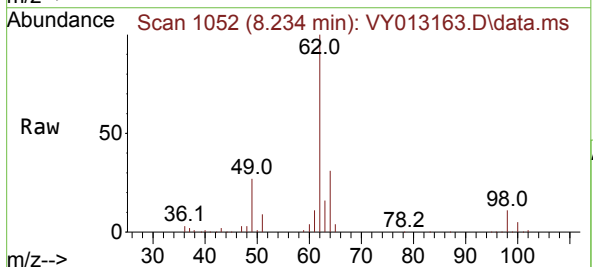
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

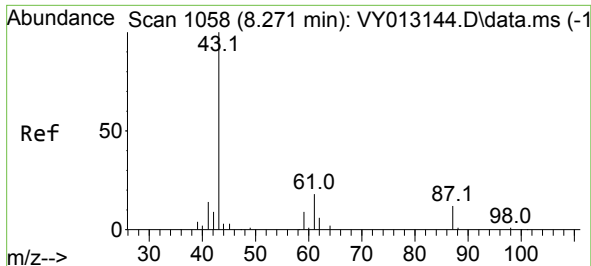
Tgt Ion:	41	Resp:	63678
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.034 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:	62	Resp:	76849
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.8

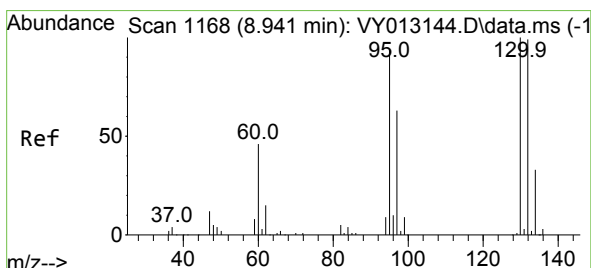
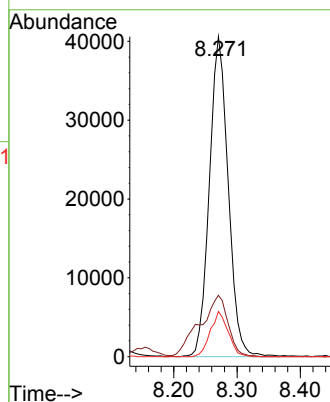
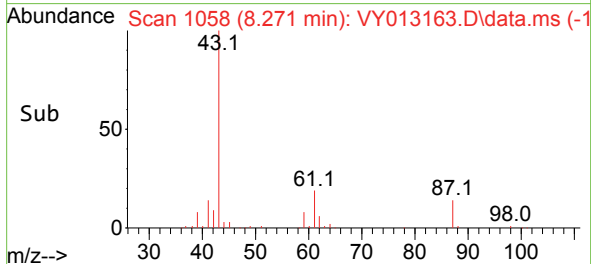
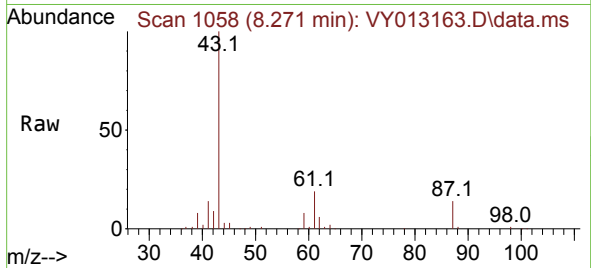




#43
Isopropyl Acetate
Concen: 45.721 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

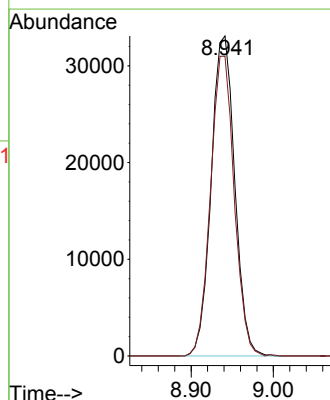
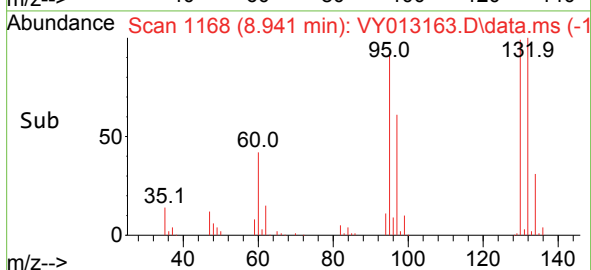
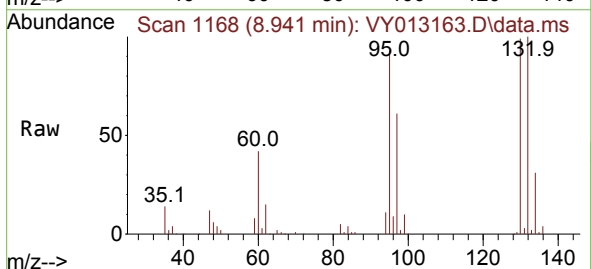
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

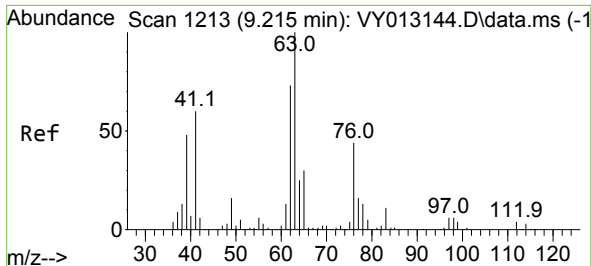
Tgt Ion:	43	Resp:	84053
Ion	Ratio	Lower	Upper
43	100		
61	28.6	21.6	32.4
87	13.4	9.9	14.9



#44
Trichloroethene
Concen: 45.742 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:	130	Resp:	65756
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	185.0





#45

1,2-Dichloropropane

Concen: 45.985 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

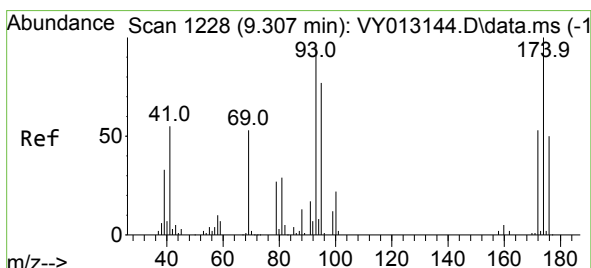
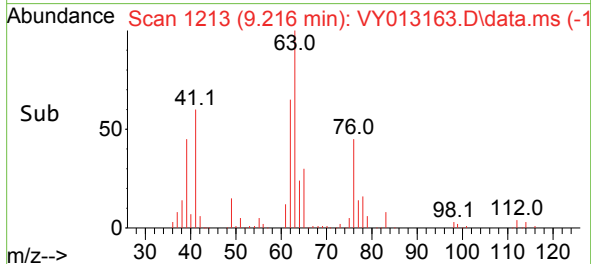
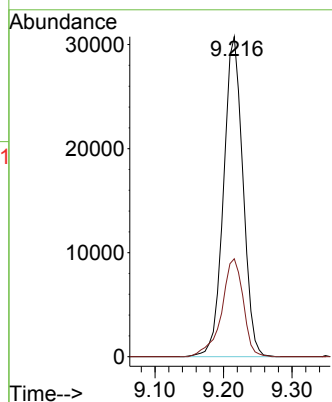
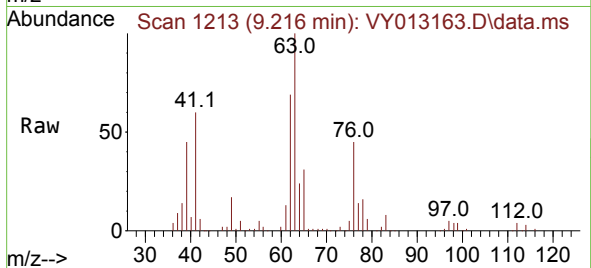
VSTDCCC050EC

Tgt Ion: 63 Resp: 60131

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 47.407 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

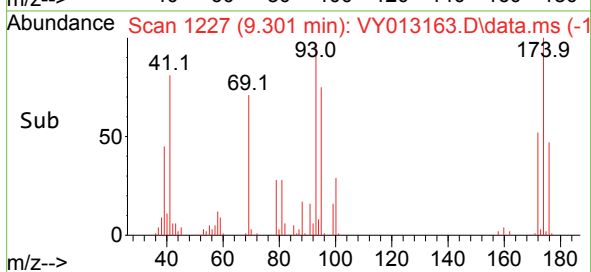
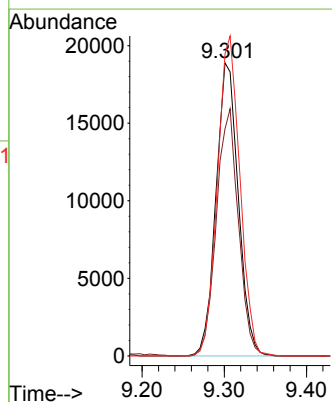
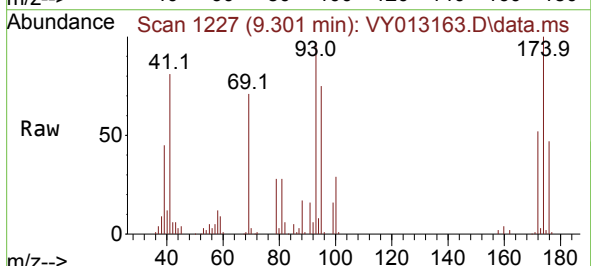
Tgt Ion: 93 Resp: 35611

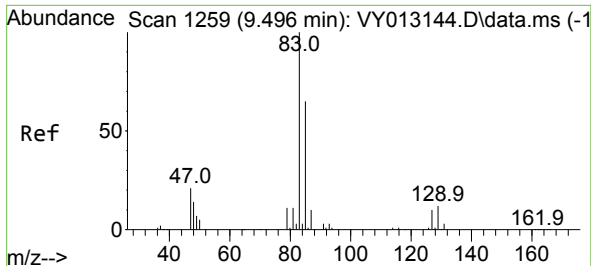
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 110.3 81.3 121.9

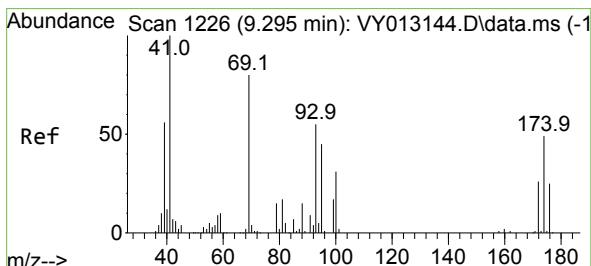
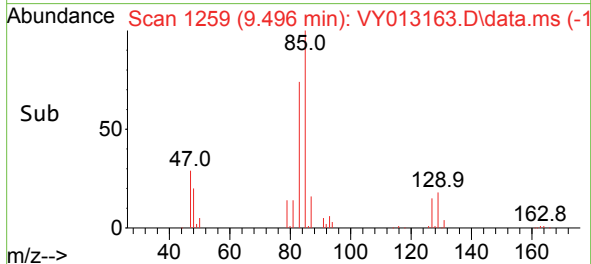
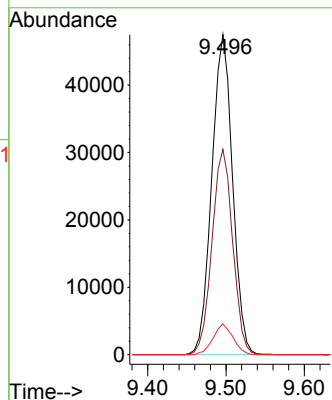
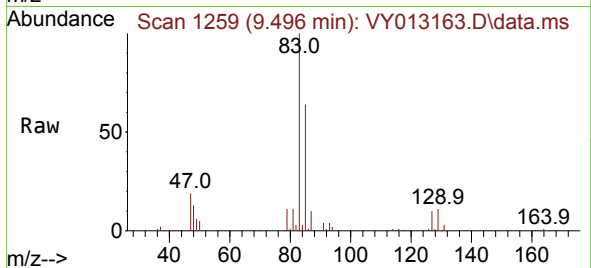




#47
Bromodichloromethane
Concen: 48.210 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

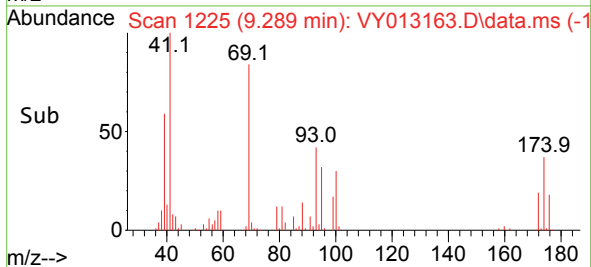
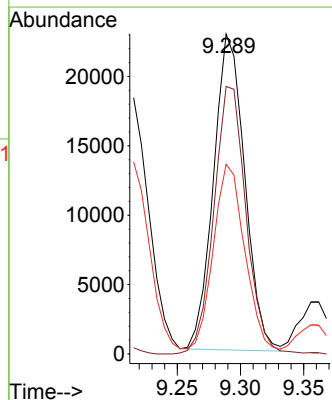
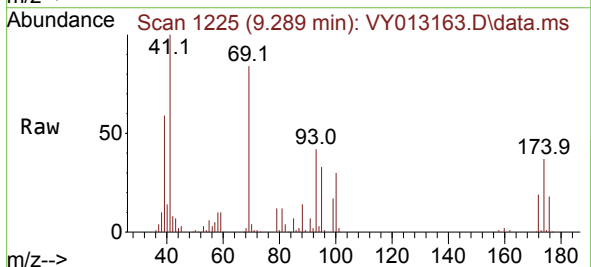
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

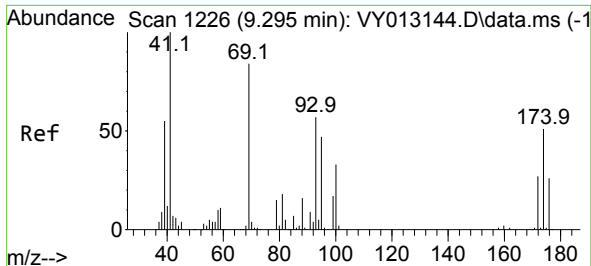
Tgt Ion: 83 Resp: 87381
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 45.651 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 41 Resp: 39086
Ion Ratio Lower Upper
41 100
69 87.4 64.1 96.1
39 61.7 44.0 66.0





#49

1,4-Dioxane

Concen: 962.250 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

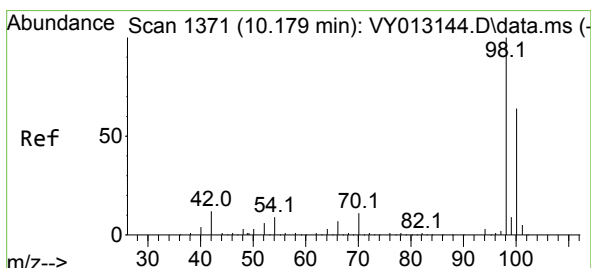
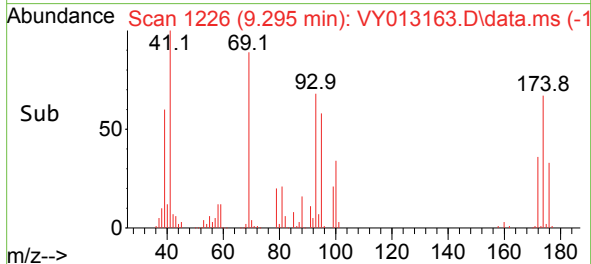
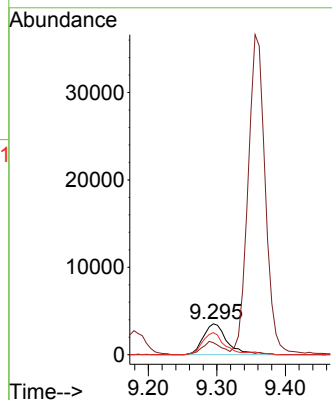
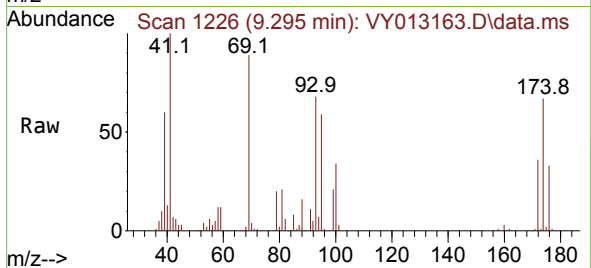
Tgt Ion: 88 Resp: 8599

Ion Ratio Lower Upper

88 100

43 34.6 28.6 42.8

58 64.0 55.2 82.8



#50

Toluene-d8

Concen: 48.176 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013163.D

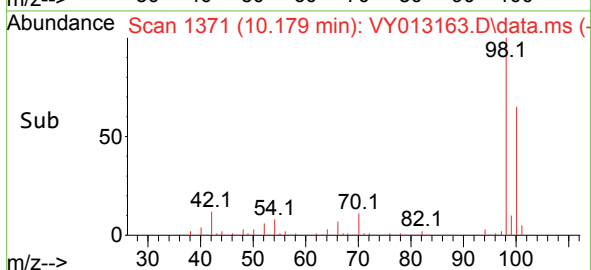
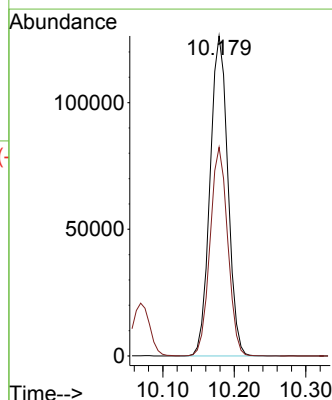
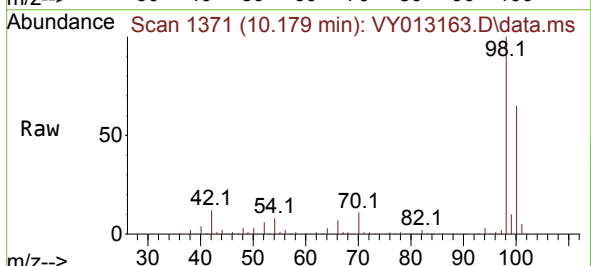
Acq: 31 Mar 2023 16:29

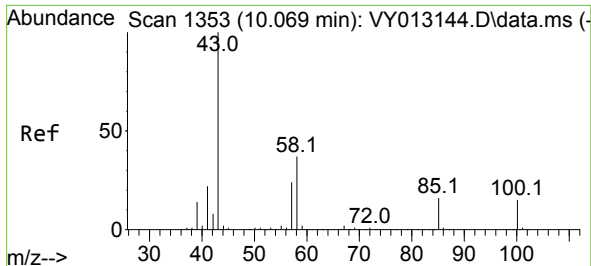
Tgt Ion: 98 Resp: 218424

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3

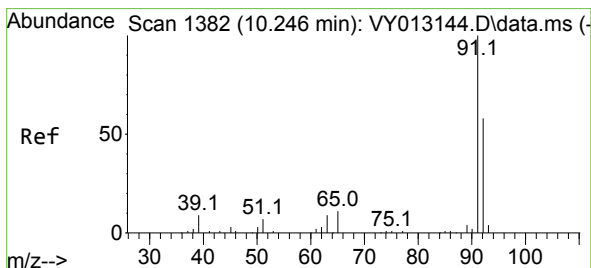
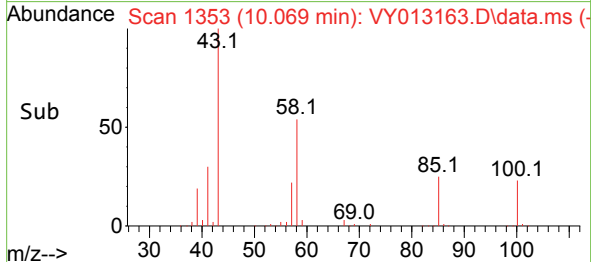
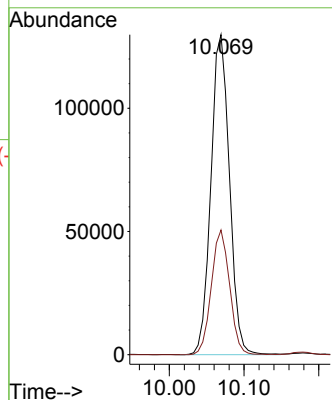
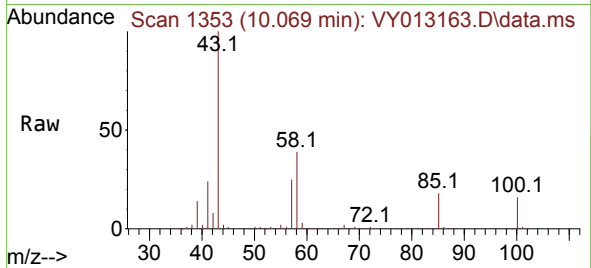




#51
4-Methyl-2-Pentanone
Concen: 225.705 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

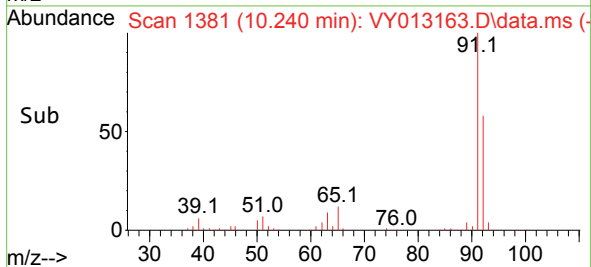
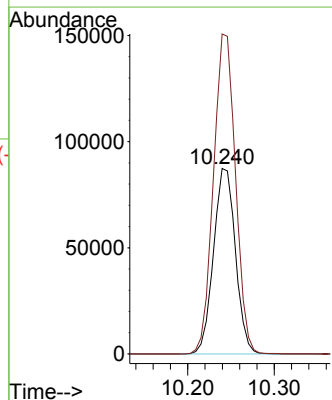
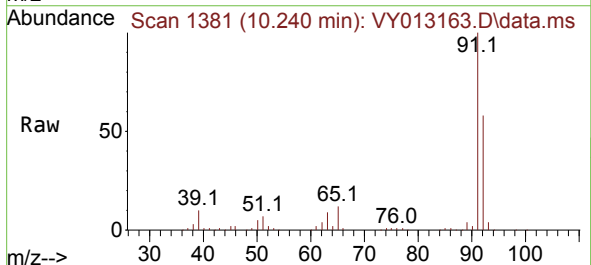
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

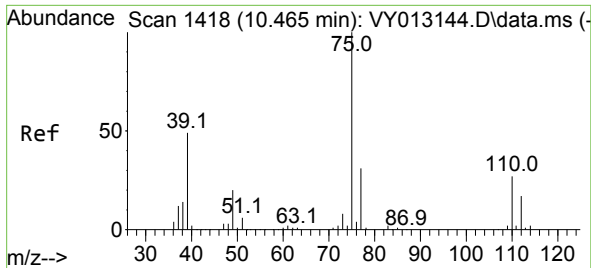
Tgt Ion: 43 Resp: 223937
Ion Ratio Lower Upper
43 100
58 38.4 29.8 44.6



#52
Toluene
Concen: 47.436 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 92 Resp: 153656
Ion Ratio Lower Upper
92 100
91 173.5 141.3 211.9

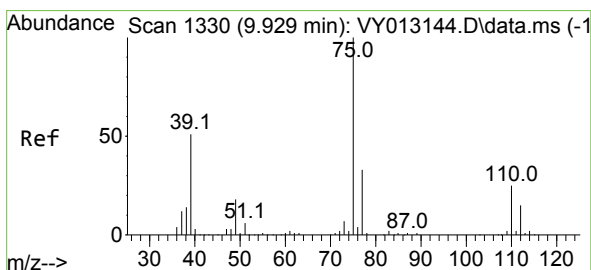
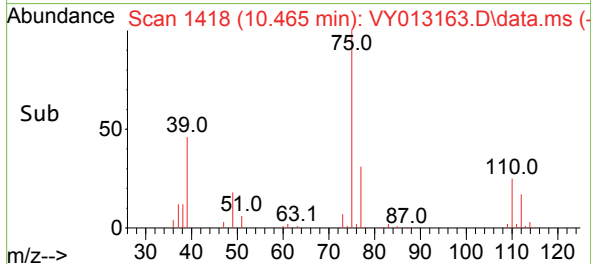
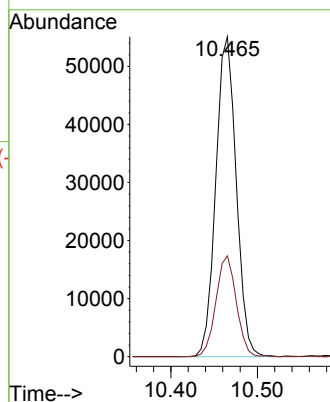
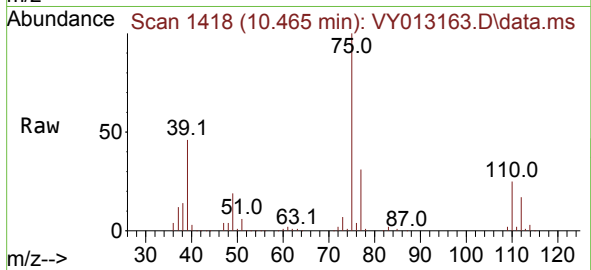




#53
 t-1,3-Dichloropropene
 Concen: 48.641 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

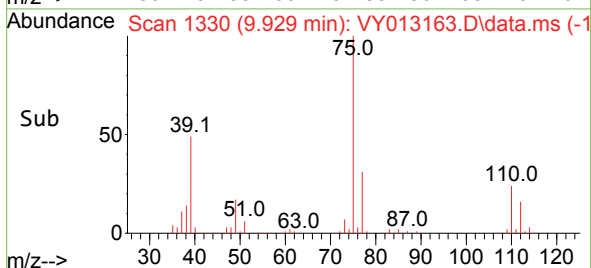
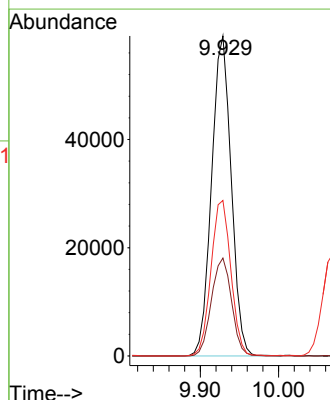
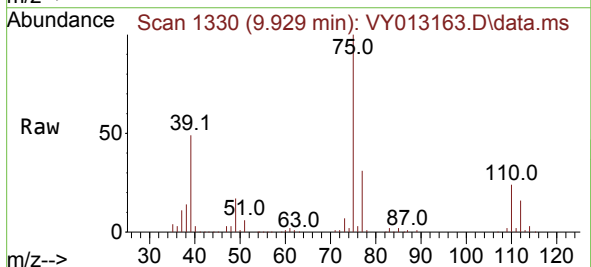
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

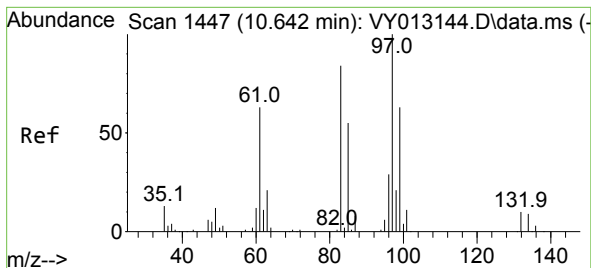
Tgt Ion: 75 Resp: 90114
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.552 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

Tgt Ion: 75 Resp: 102728
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 48.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 47.815 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 49648

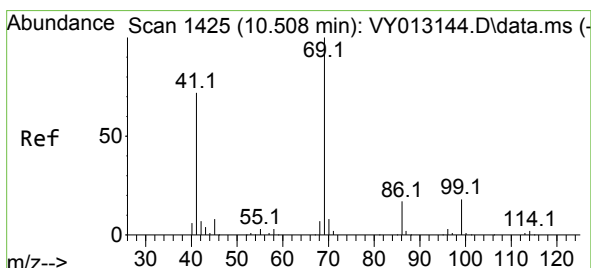
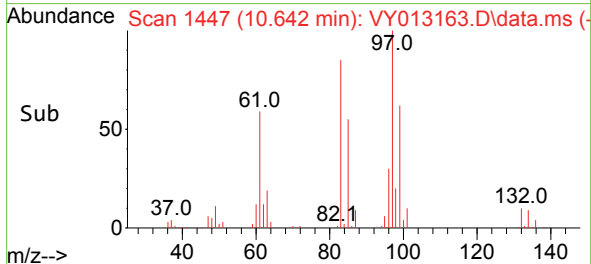
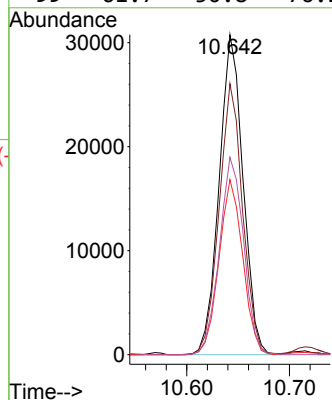
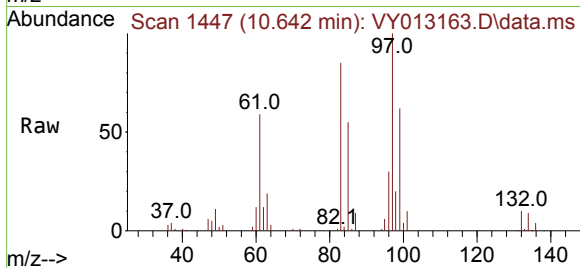
Ion Ratio Lower Upper

97 100

83 84.7 69.0 103.6

85 54.7 44.9 67.3

99 61.7 50.8 76.2



#56

Ethyl methacrylate

Concen: 49.582 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

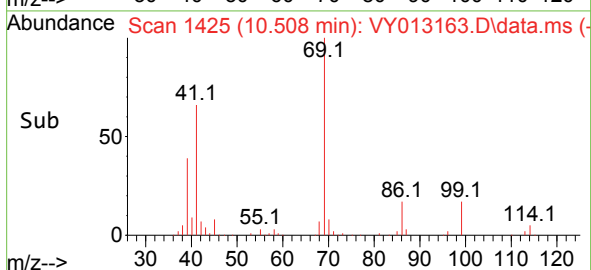
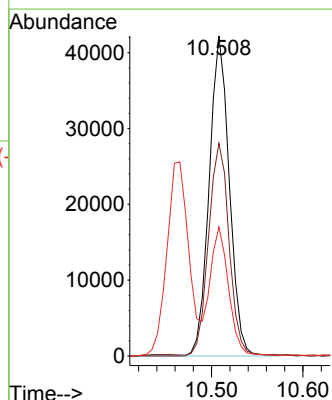
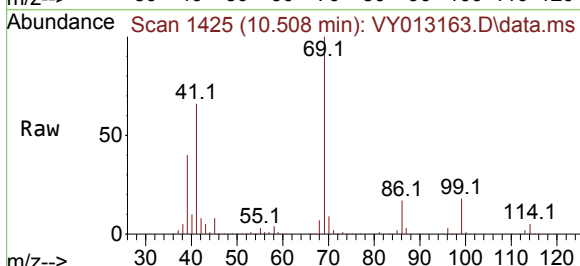
Tgt Ion: 69 Resp: 64730

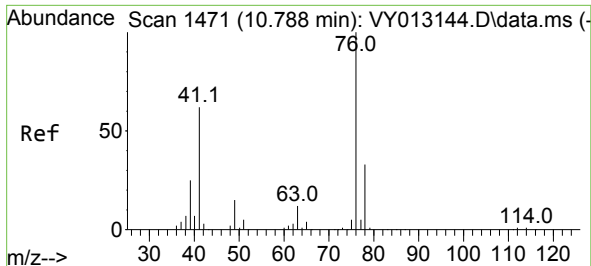
Ion Ratio Lower Upper

69 100

41 67.0 56.4 84.6

39 36.5 30.8 46.2

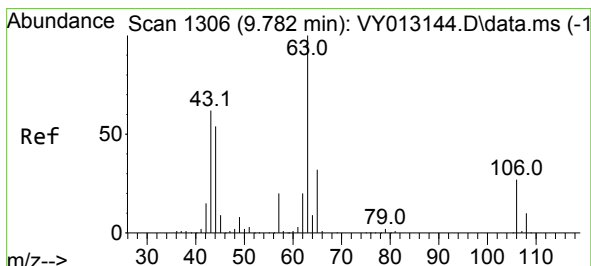
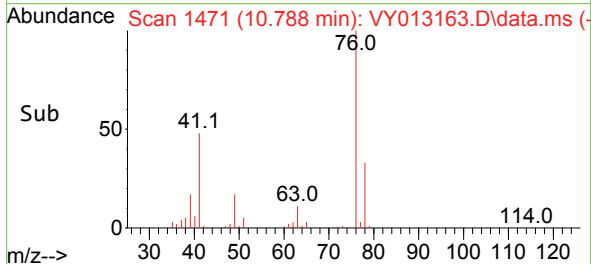
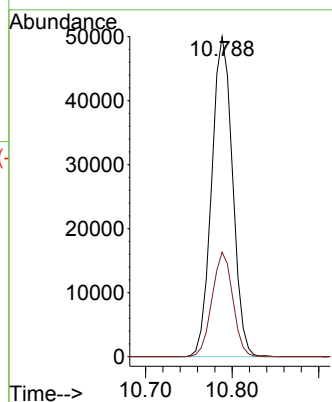
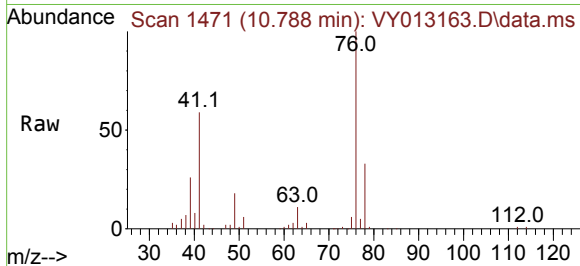




#57
1,3-Dichloropropane
Concen: 47.852 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

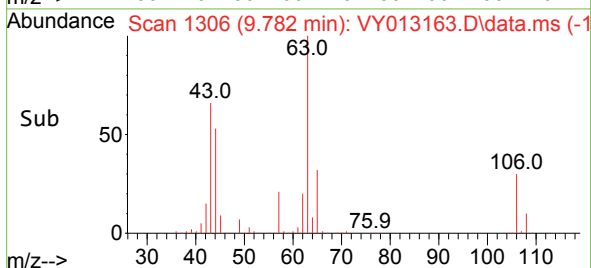
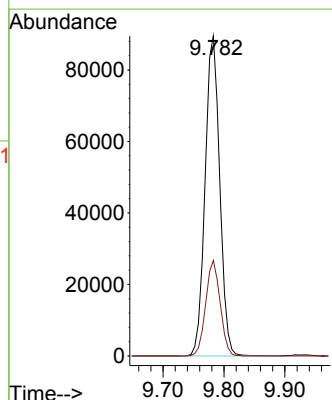
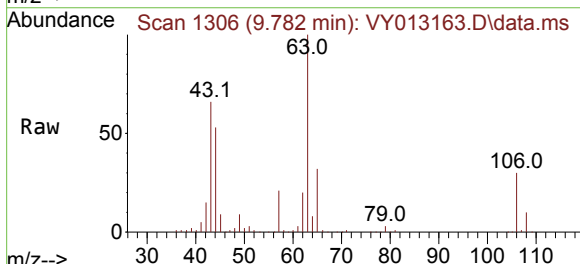
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

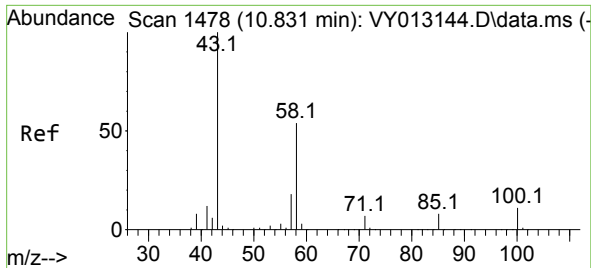
Tgt Ion: 76 Resp: 83880
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 244.433 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 63 Resp: 149210
Ion Ratio Lower Upper
63 100
106 29.5 22.1 33.1

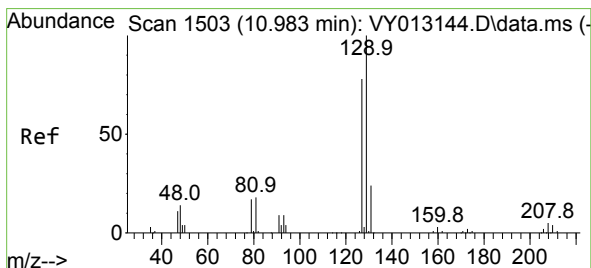
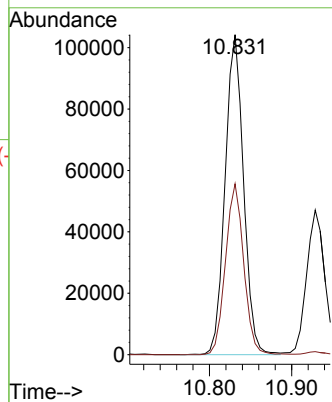
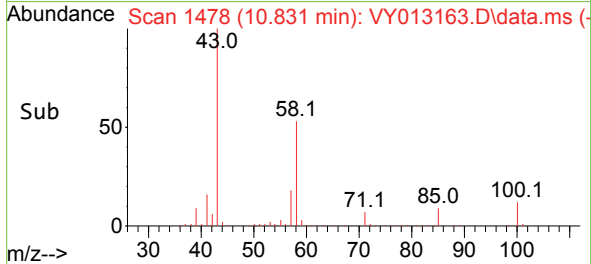
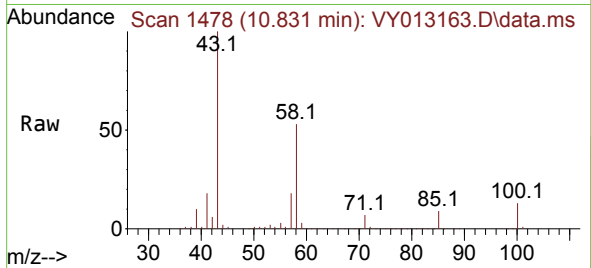




#59
2-Hexanone
Concen: 226.825 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

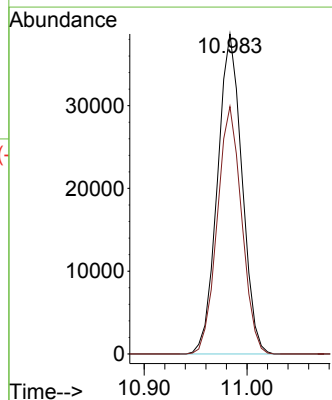
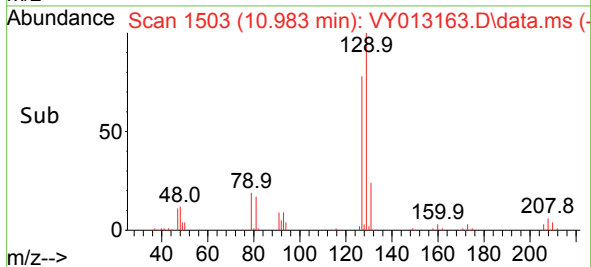
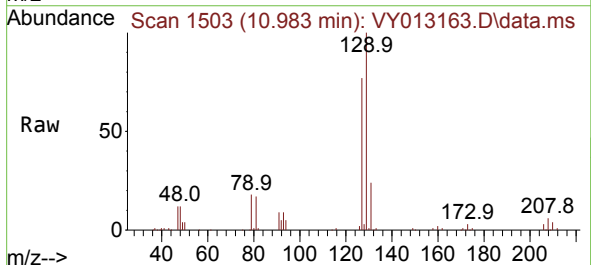
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

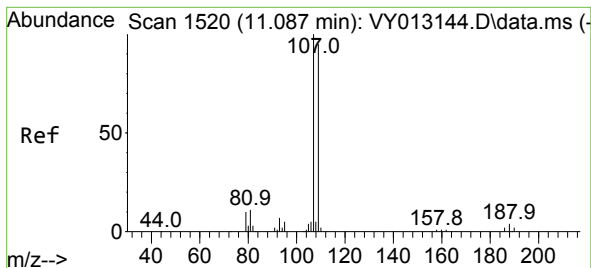
Tgt Ion: 43 Resp: 162760
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 49.074 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 129 Resp: 63999
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 47.144 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

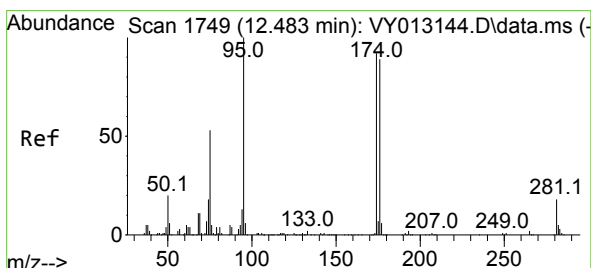
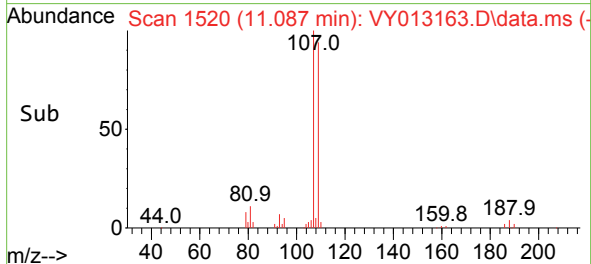
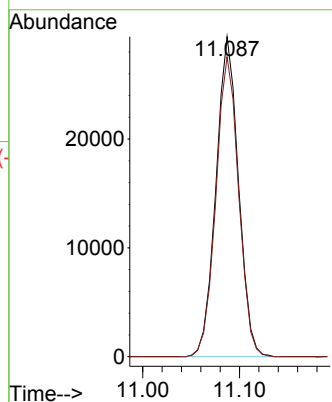
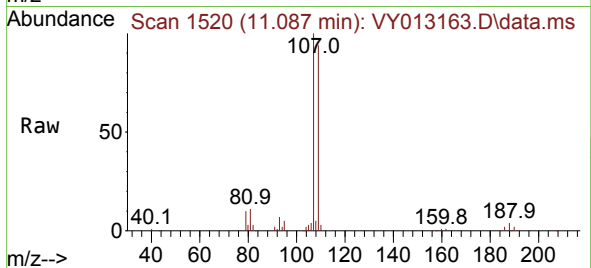
VSTDCCC050EC

Tgt Ion:107 Resp: 47430

Ion Ratio Lower Upper

107 100

109 94.7 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 49.972 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

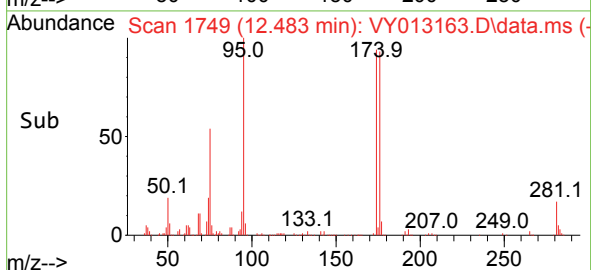
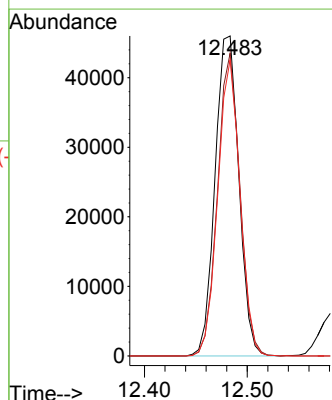
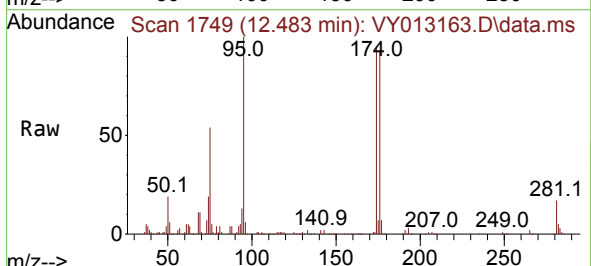
Tgt Ion: 95 Resp: 73748

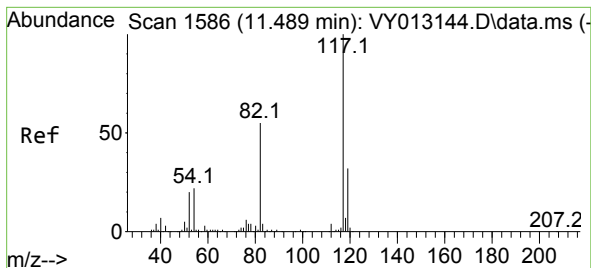
Ion Ratio Lower Upper

95 100

174 89.1 0.0 176.6

176 86.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

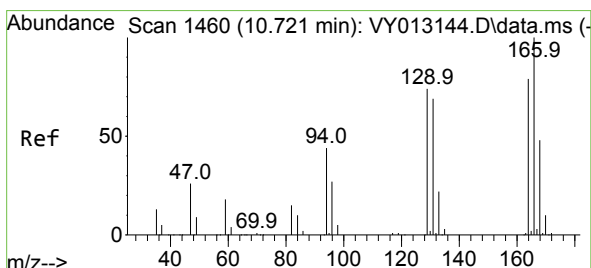
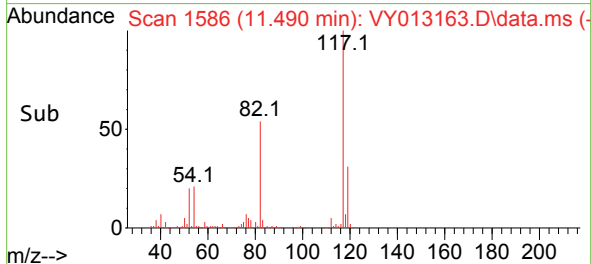
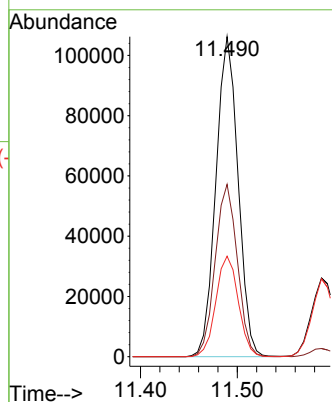
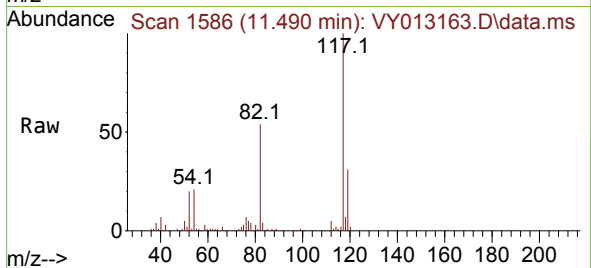
Tgt Ion:117 Resp: 168783

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 45.684 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion:164 Resp: 59278

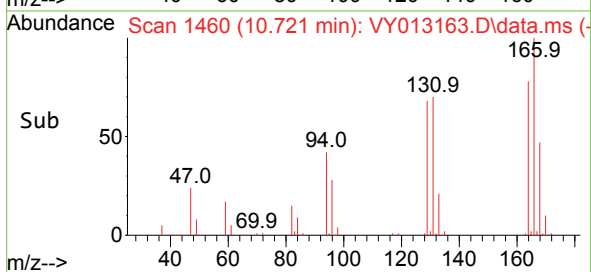
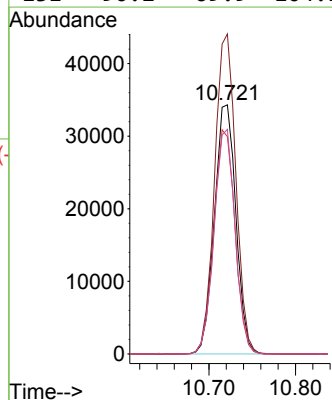
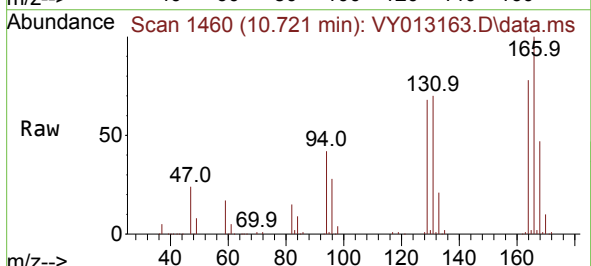
Ion Ratio Lower Upper

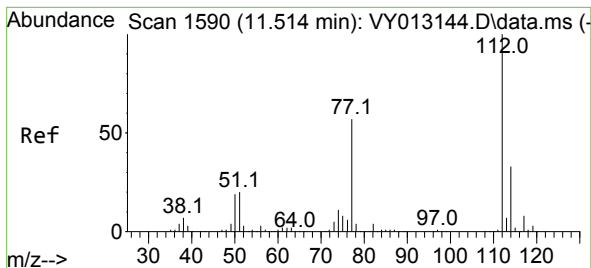
164 100

166 128.5 103.4 155.2

129 87.2 71.4 107.2

131 90.2 69.9 104.9





#65

Chlorobenzene

Concen: 47.079 ug/l

RT: 11.514 min Scan# 111

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

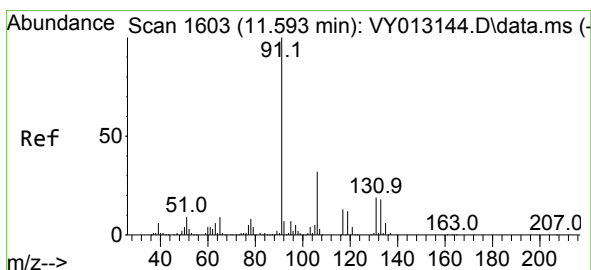
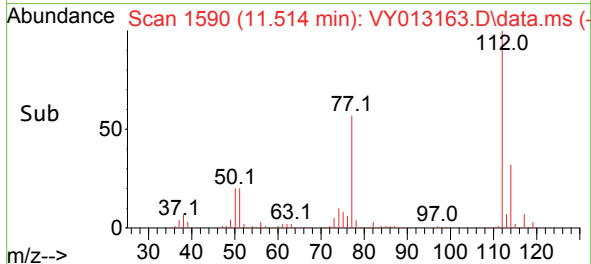
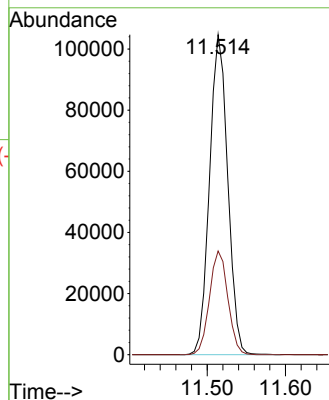
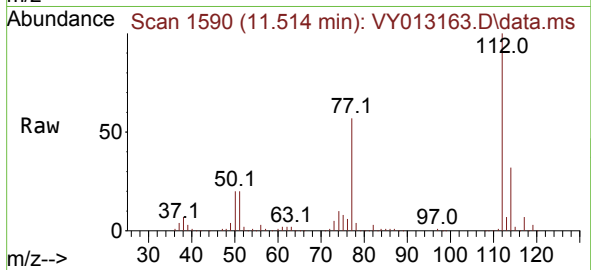
VSTDCCC050EC

Tgt Ion:112 Resp: 168689

Ion Ratio Lower Upper

112 100

114 32.4 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 47.799 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

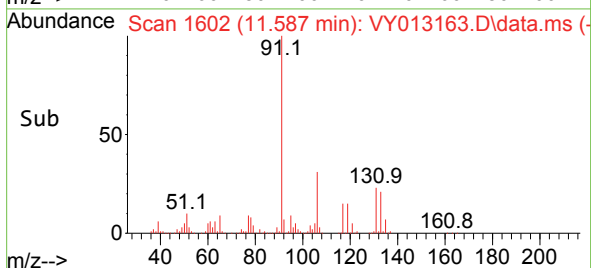
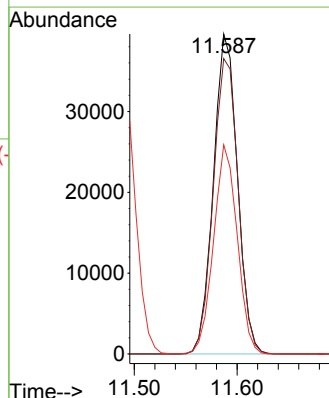
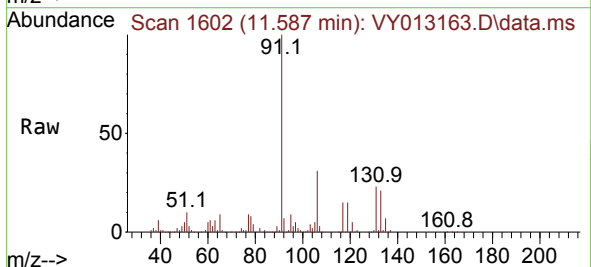
Tgt Ion:131 Resp: 64209

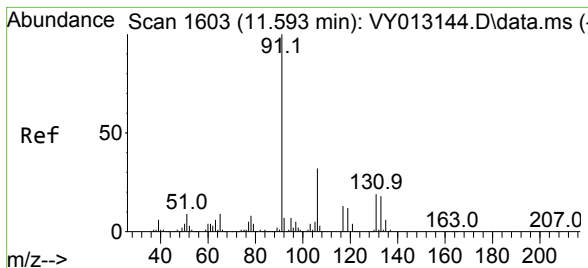
Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

119 64.4 32.6 98.0

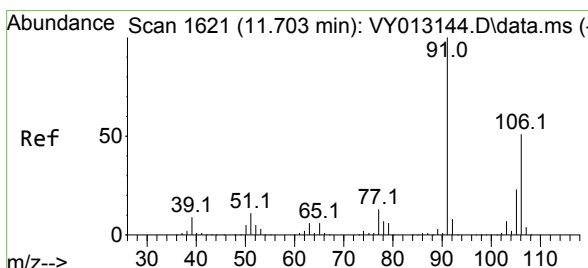
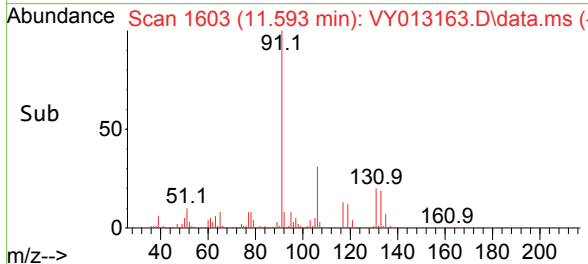
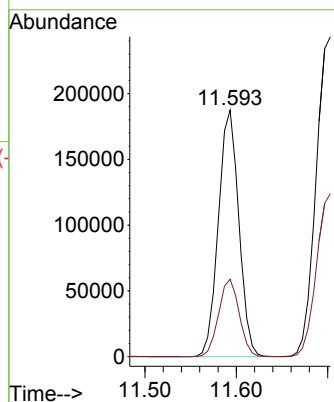
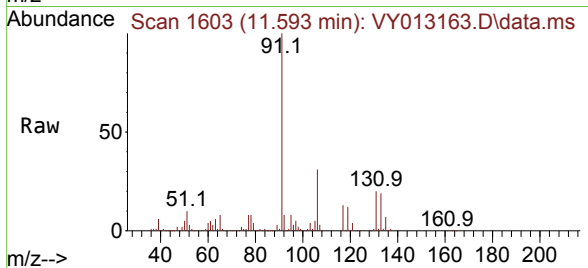




#67
Ethyl Benzene
Concen: 47.097 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

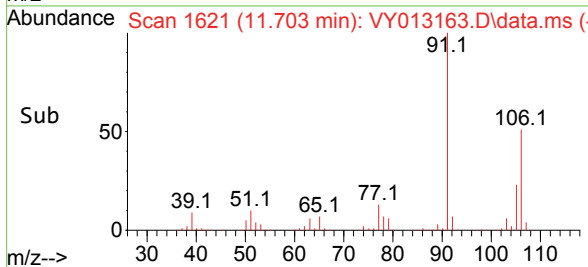
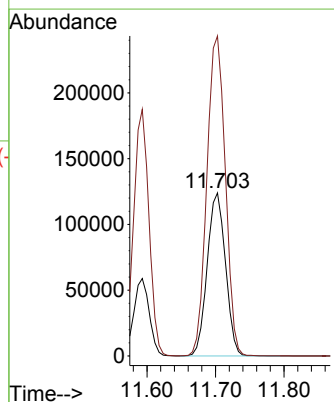
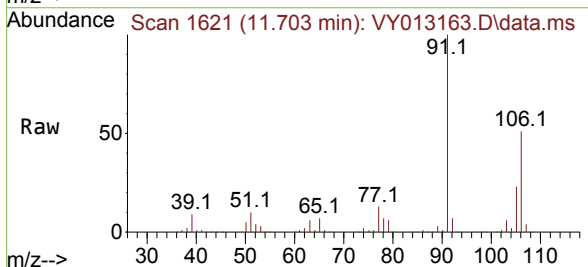
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

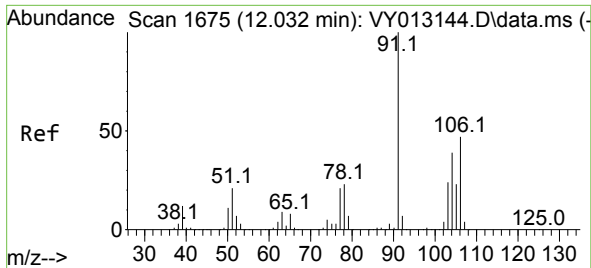
Tgt Ion: 91 Resp: 291462
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 95.917 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:106 Resp: 229621
Ion Ratio Lower Upper
106 100
91 198.6 159.8 239.8

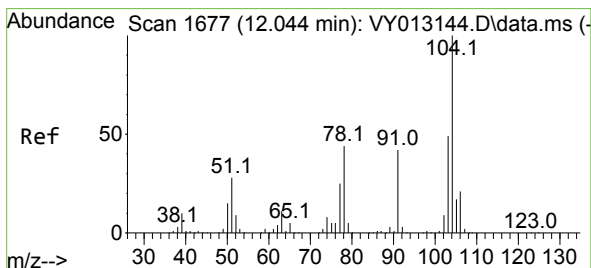
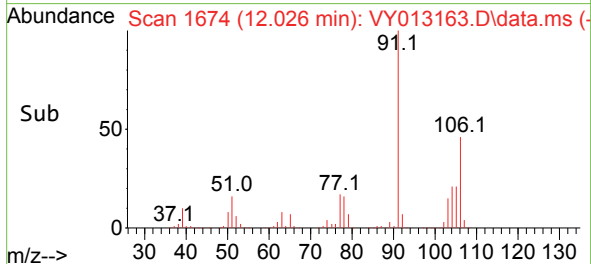
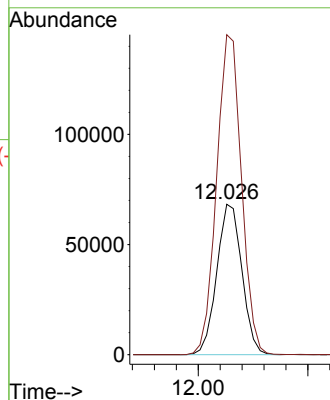
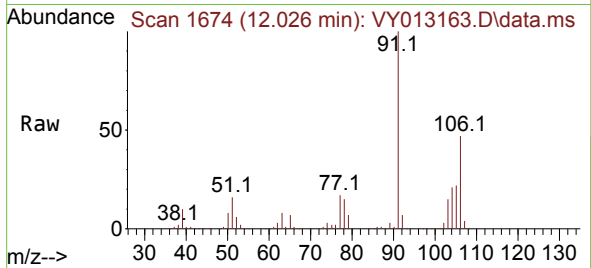




#69
o-Xylene
Concen: 48.939 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

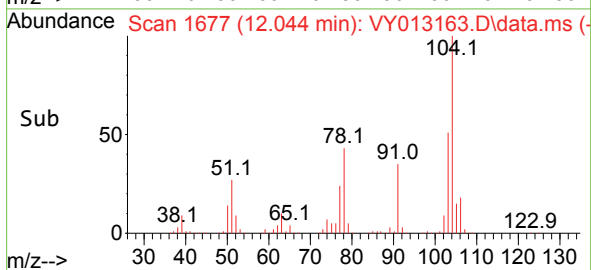
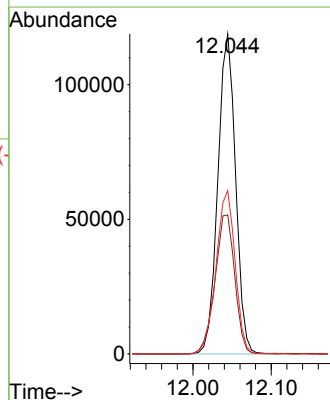
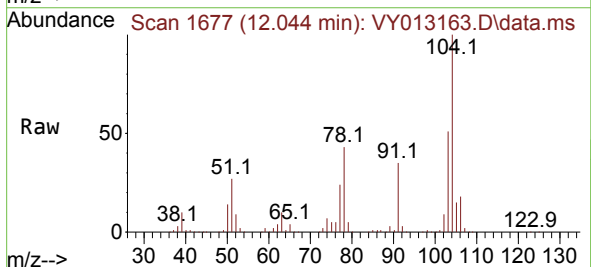
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

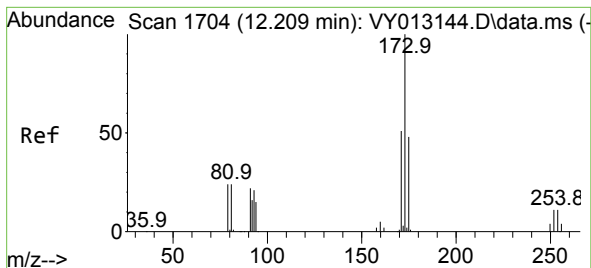
Tgt Ion:106 Resp: 108669
Ion Ratio Lower Upper
106 100
91 210.6 107.2 321.6



#70
Styrene
Concen: 50.474 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:104 Resp: 187486
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 54.9 43.7 65.5





#71

Bromoform

Concen: 49.357 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

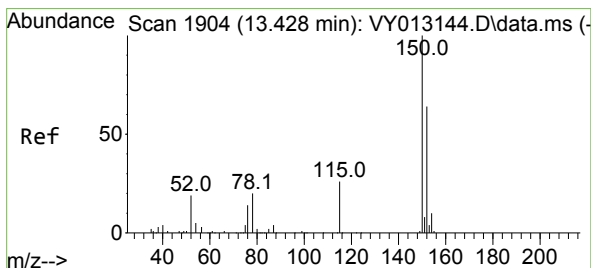
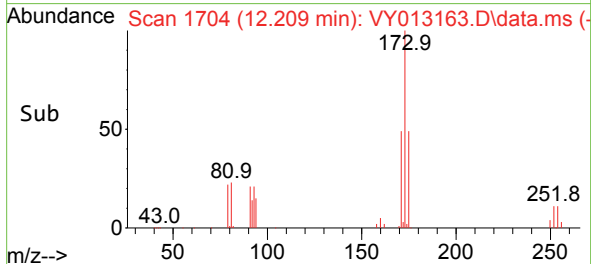
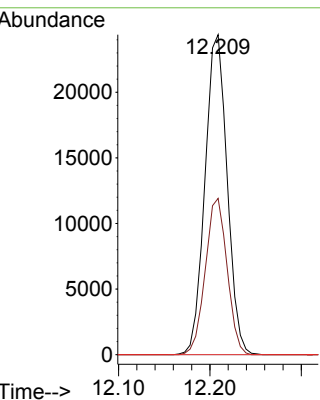
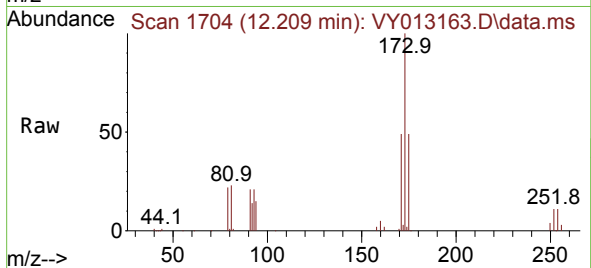
Tgt Ion:173 Resp: 41113

Ion Ratio Lower Upper

173 100

175 48.0 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: VY013163.D

Acq: 31 Mar 2023 16:29

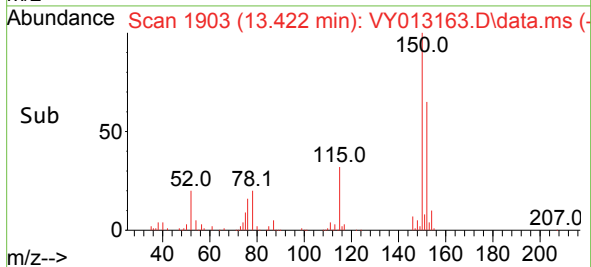
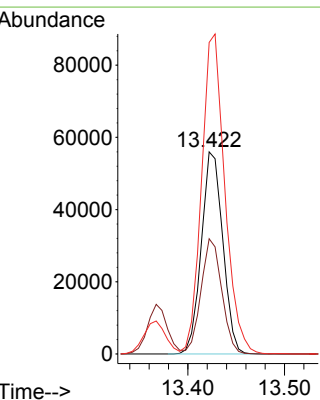
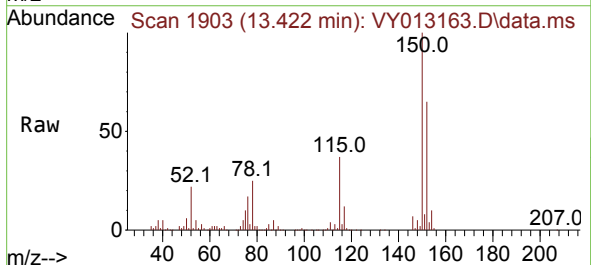
Tgt Ion:152 Resp: 86205

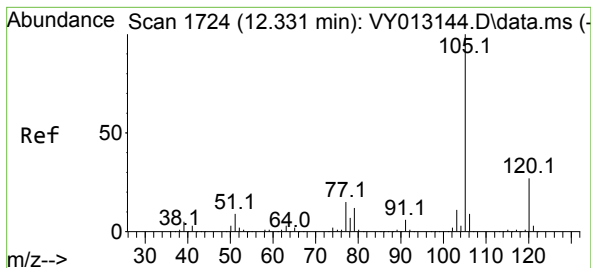
Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 171.6 0.0 347.8





#73

Isopropylbenzene

Concen: 47.192 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

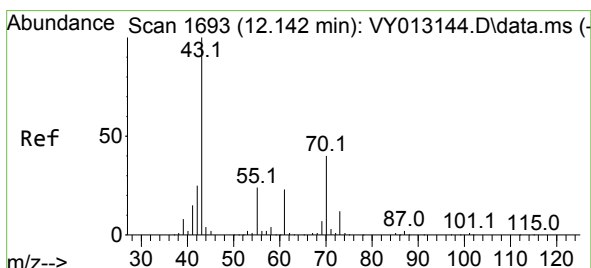
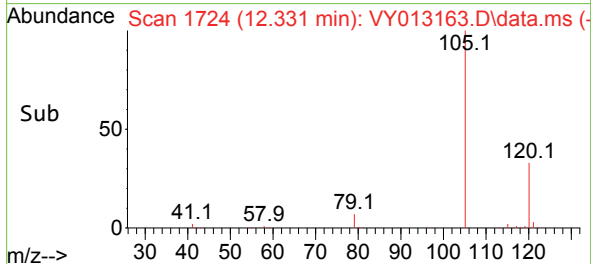
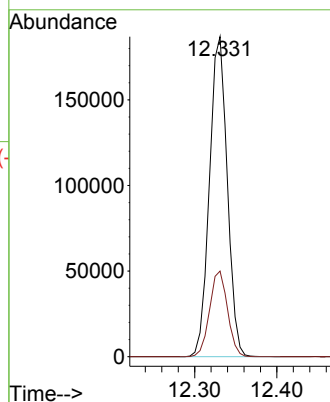
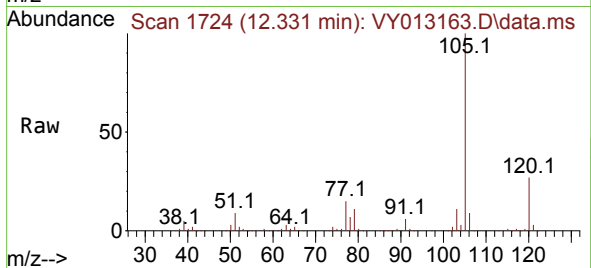
VSTDCCC050EC

Tgt Ion:105 Resp: 280816

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 45.180 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion: 43 Resp: 73816

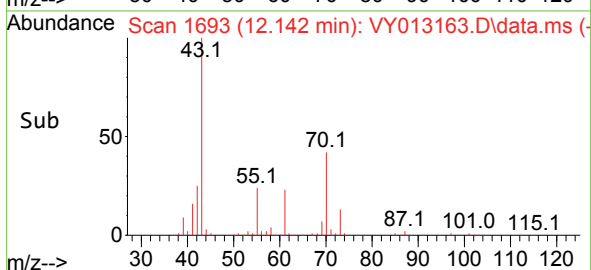
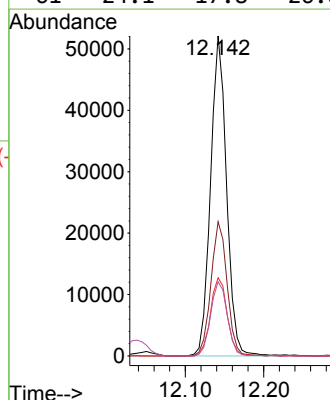
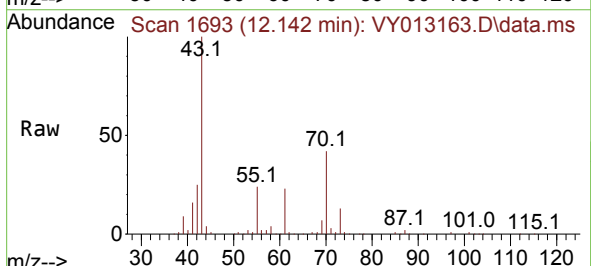
Ion Ratio Lower Upper

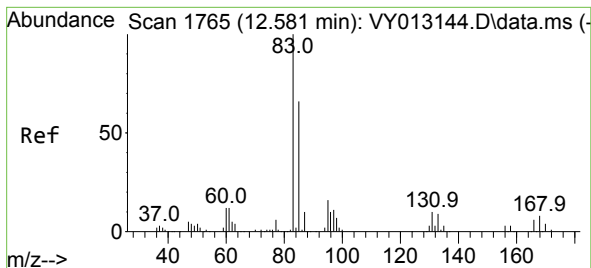
43 100

70 42.5 31.6 47.4

55 25.6 18.8 28.2

61 24.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.503 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

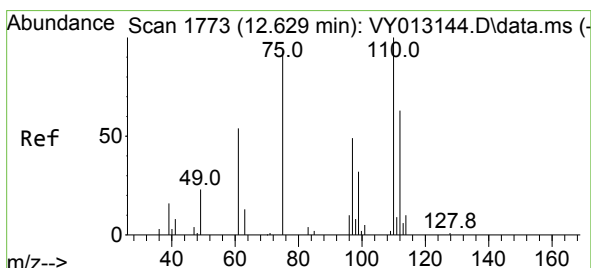
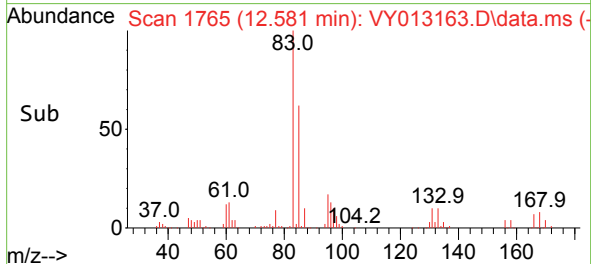
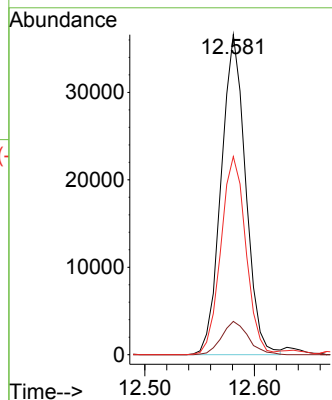
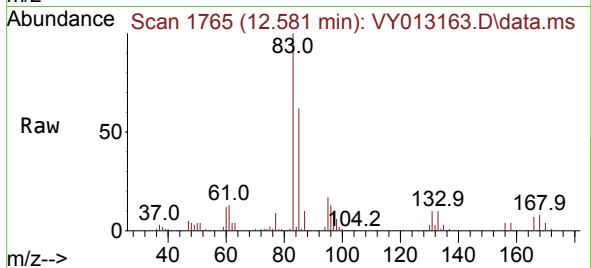
Tgt Ion: 83 Resp: 56717

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.2

85 63.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 75.825 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013163.D

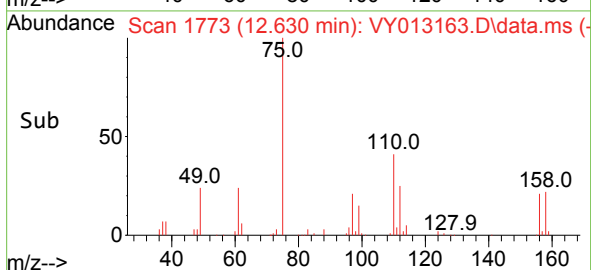
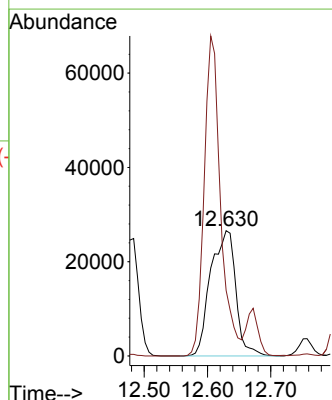
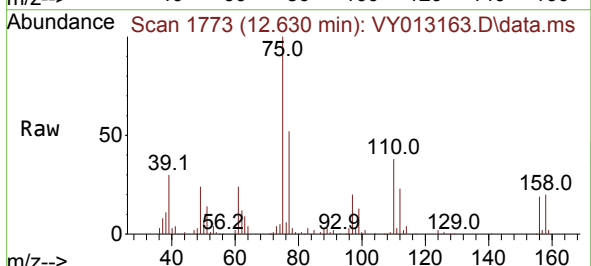
Acq: 31 Mar 2023 16:29

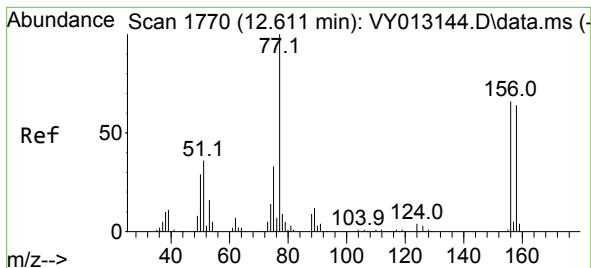
Tgt Ion: 75 Resp: 73430

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.845 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

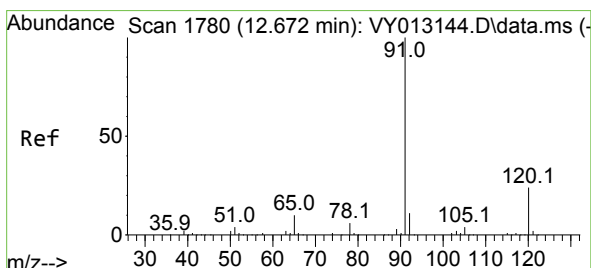
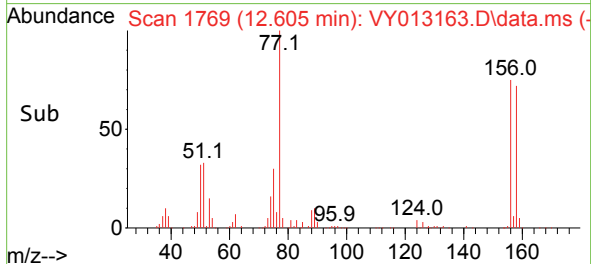
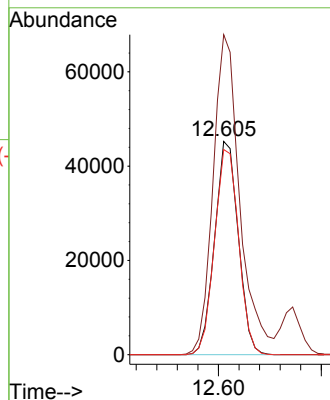
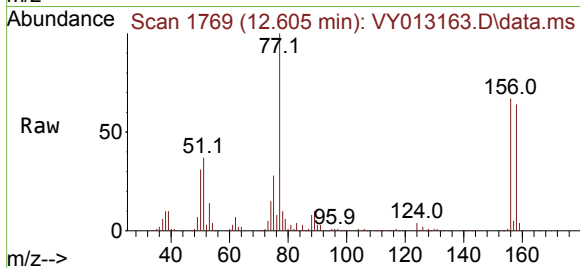
Tgt Ion:156 Resp: 72263

Ion Ratio Lower Upper

156 100

77 169.9 94.0 282.1

158 98.1 48.1 144.4



#78

n-propylbenzene

Concen: 46.178 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013163.D

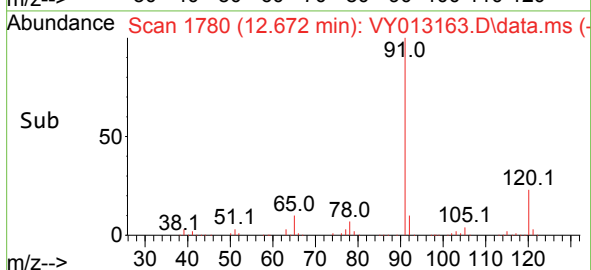
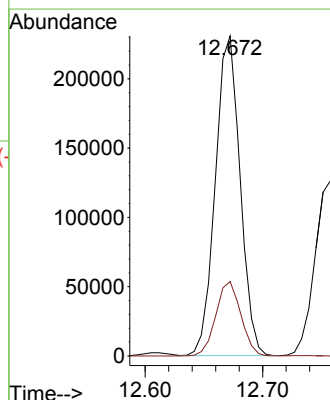
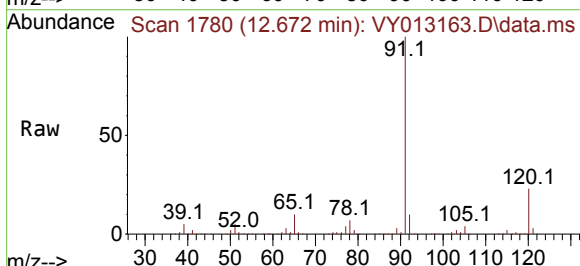
Acq: 31 Mar 2023 16:29

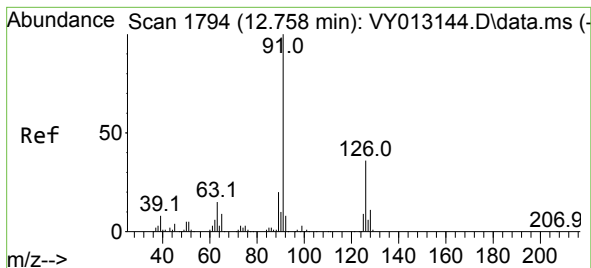
Tgt Ion: 91 Resp: 337863

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.8

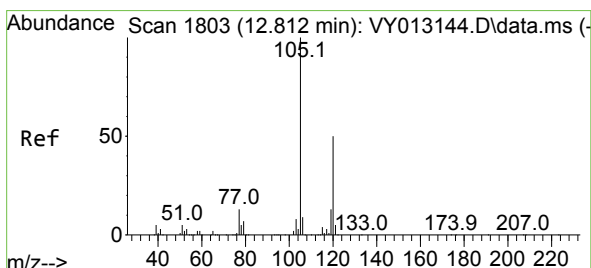
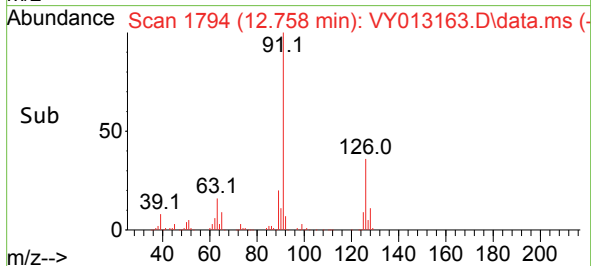
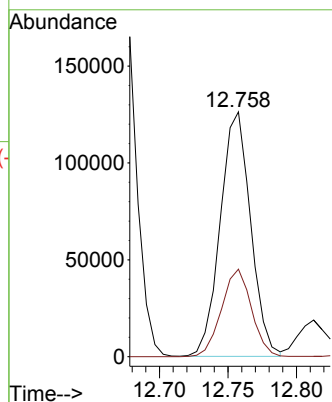
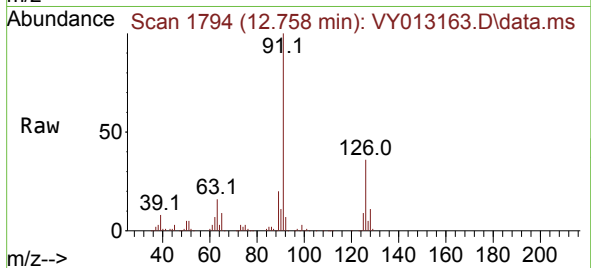




#79
2-Chlorotoluene
Concen: 46.938 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

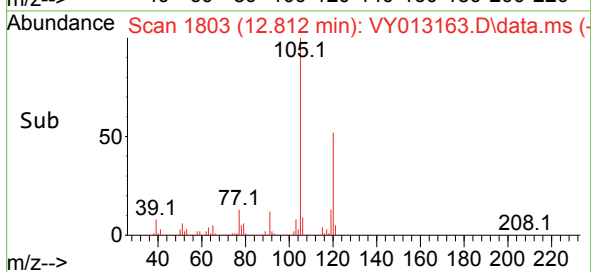
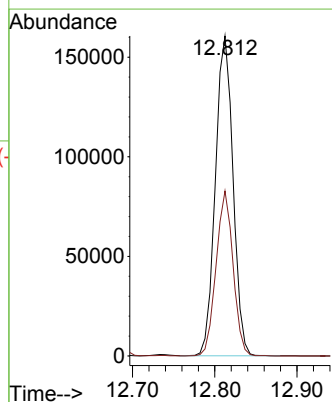
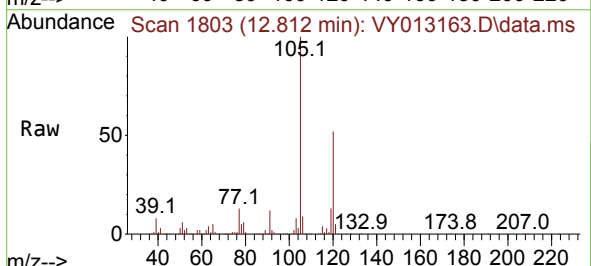
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

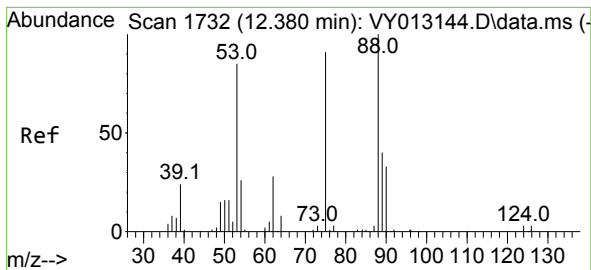
Tgt Ion: 91 Resp: 194871
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 47.916 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 105 Resp: 238380
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4

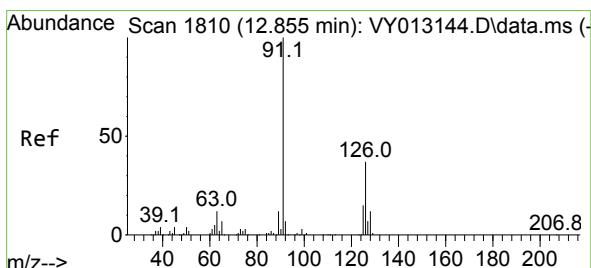
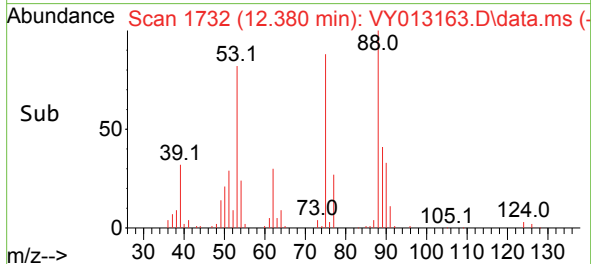
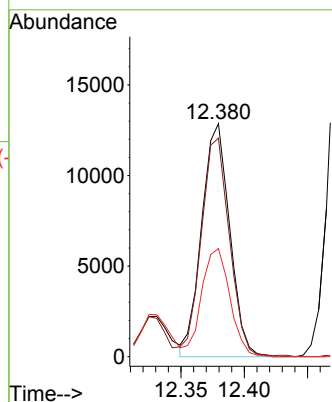
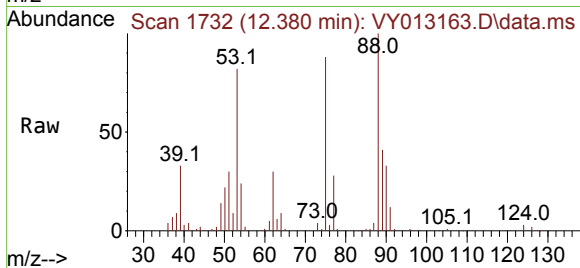




#81
trans-1,4-Dichloro-2-butene
Concen: 45.762 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

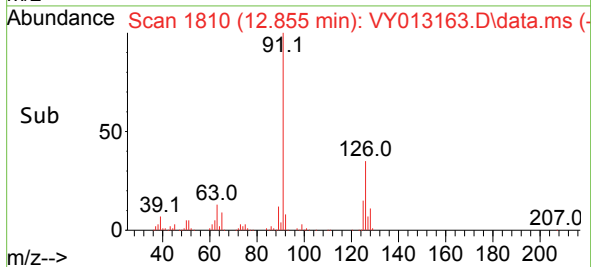
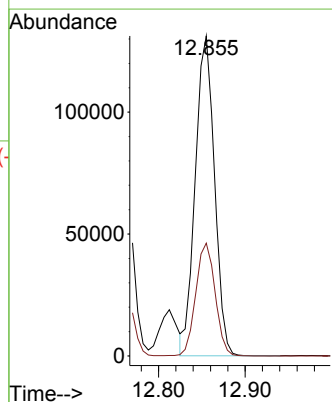
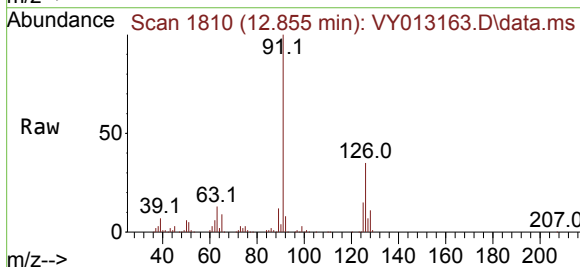
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

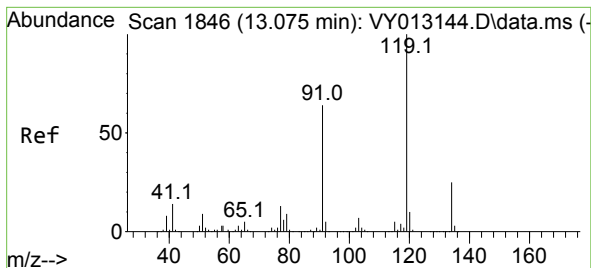
Tgt Ion:	75	Resp:	19872
Ion	Ratio	Lower	Upper
75	100		
53	95.2	73.4	110.0
89	47.0	36.6	55.0



#82
4-Chlorotoluene
Concen: 46.749 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:	91	Resp:	201994
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.7	53.1





#83

tert-Butylbenzene

Concen: 47.970 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

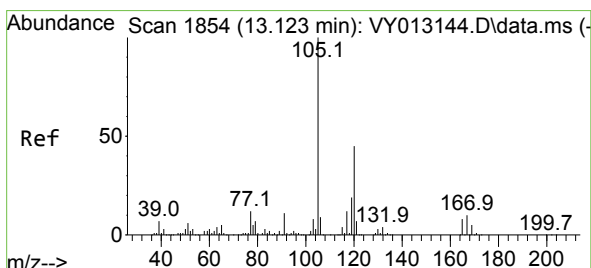
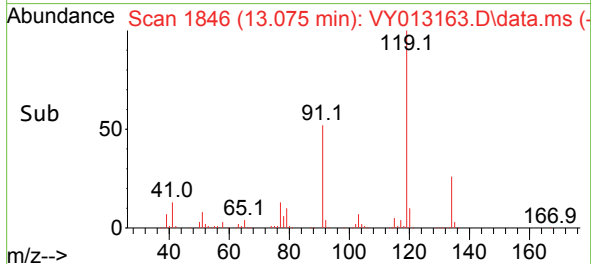
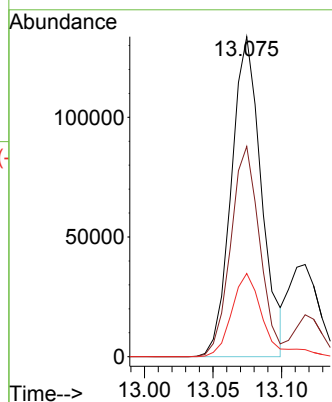
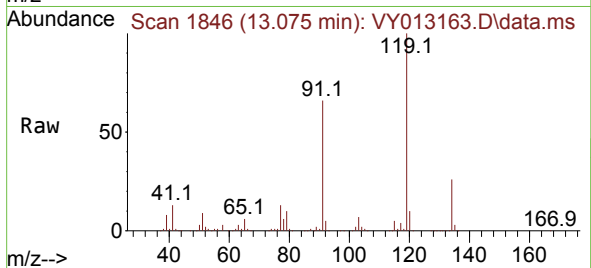
Tgt Ion:119 Resp: 204979

Ion Ratio Lower Upper

119 100

91 63.2 32.8 98.3

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 48.389 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013163.D

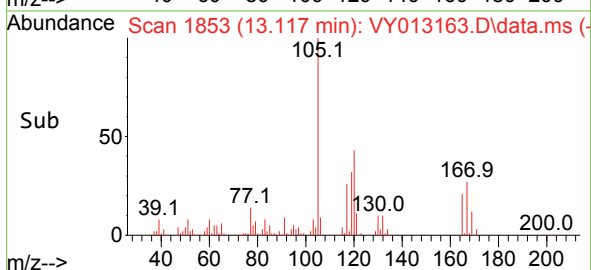
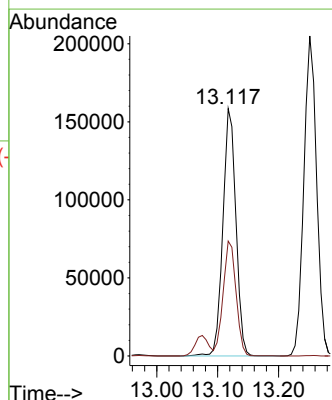
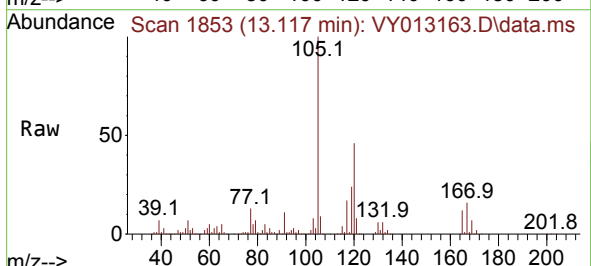
Acq: 31 Mar 2023 16:29

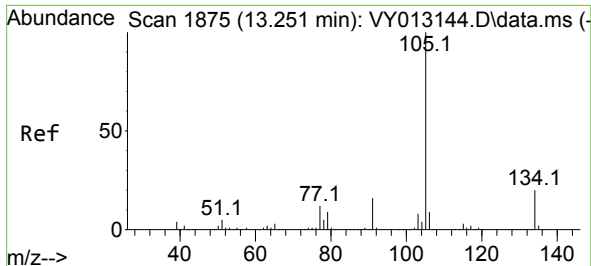
Tgt Ion:105 Resp: 235756

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0

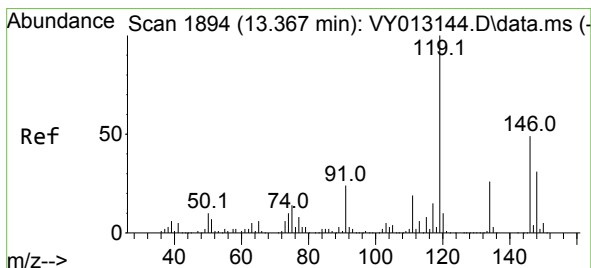
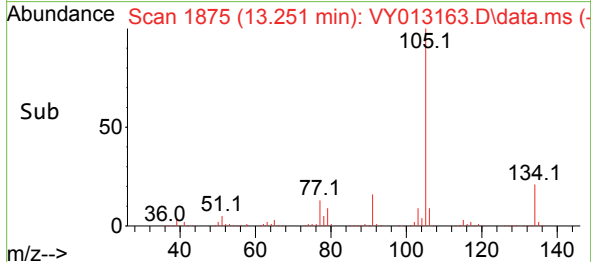
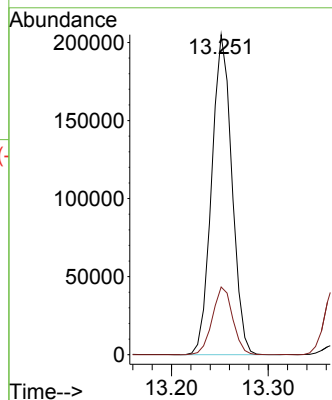
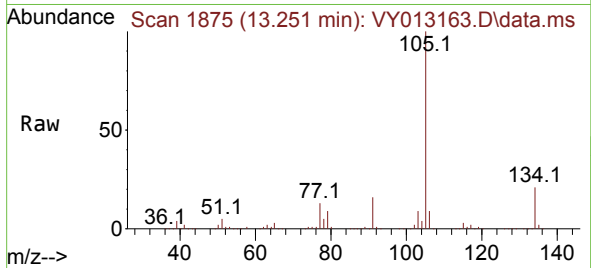




#85
 sec-Butylbenzene
 Concen: 46.202 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

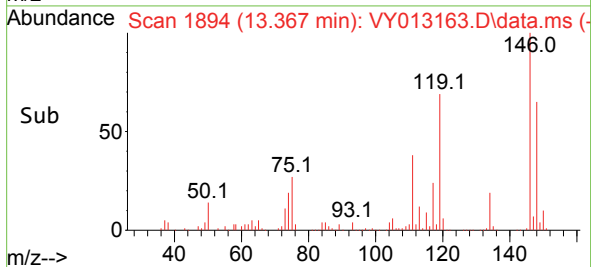
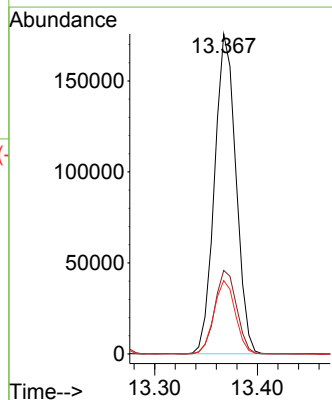
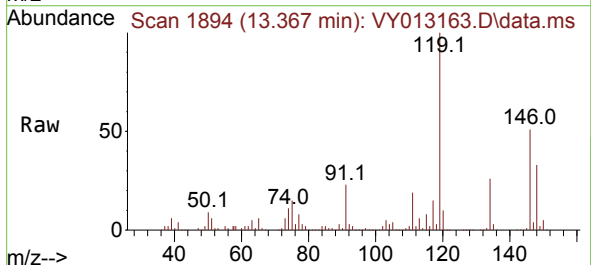
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

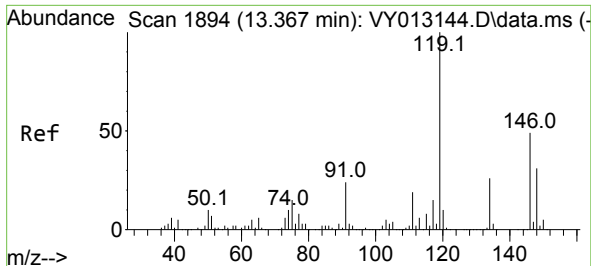
Tgt Ion:105 Resp: 298097
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 47.839 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

Tgt Ion:119 Resp: 254097
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.760 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

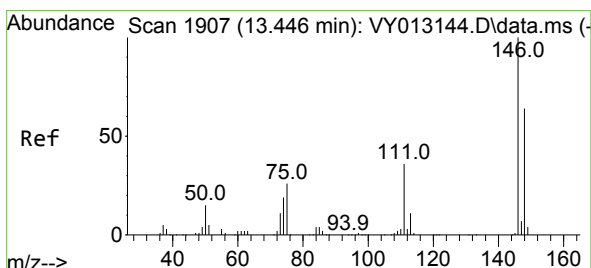
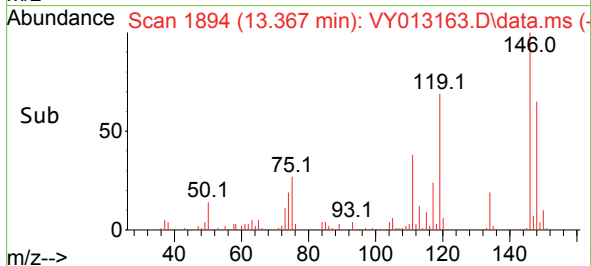
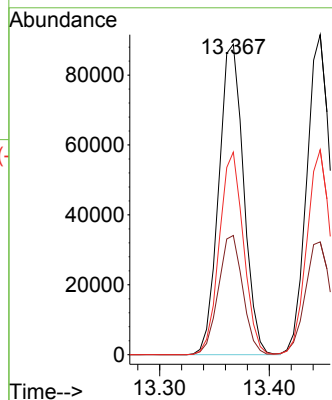
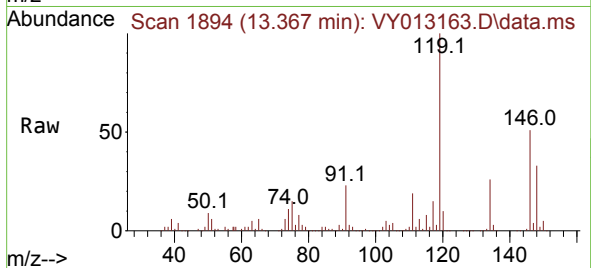
Tgt Ion:146 Resp: 140066

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.351 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

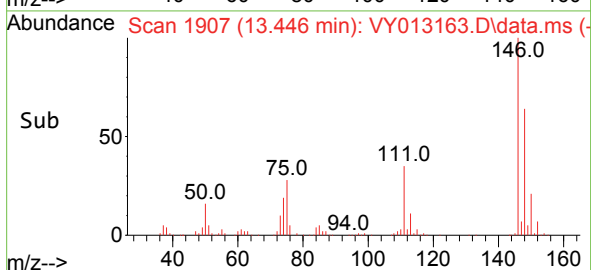
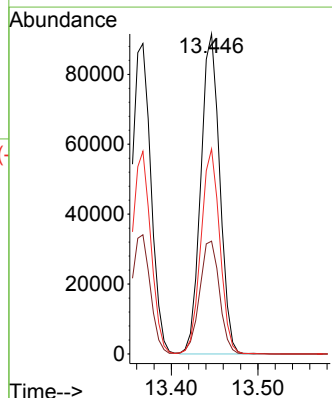
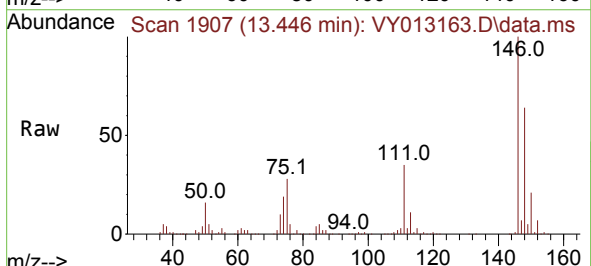
Tgt Ion:146 Resp: 139153

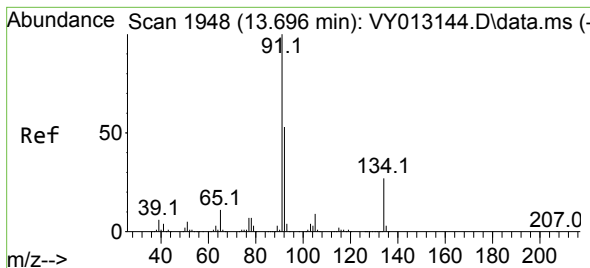
Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.8

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 46.125 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

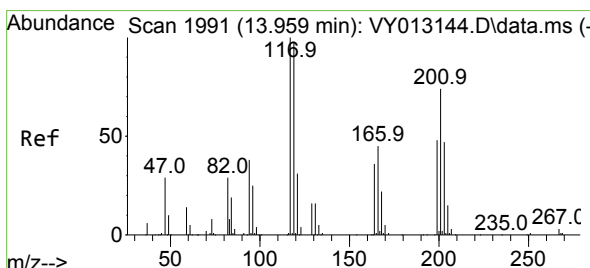
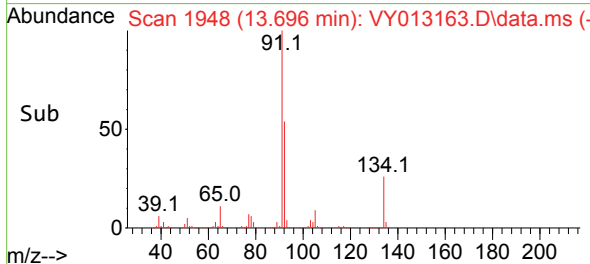
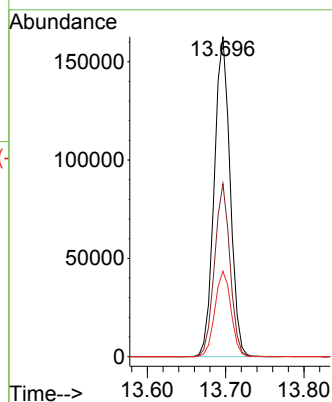
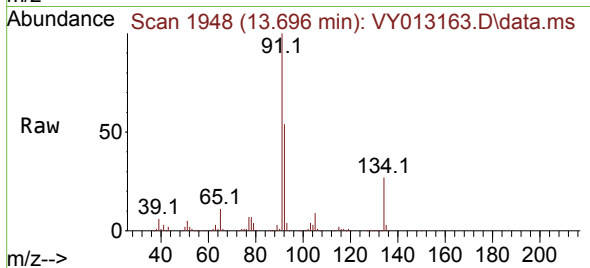
Tgt Ion: 91 Resp: 229033

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 27.2 13.0 38.9



#90

Hexachloroethane

Concen: 45.451 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013163.D

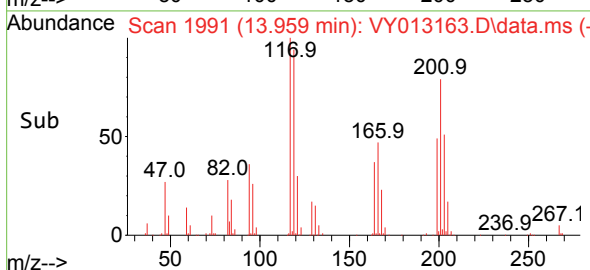
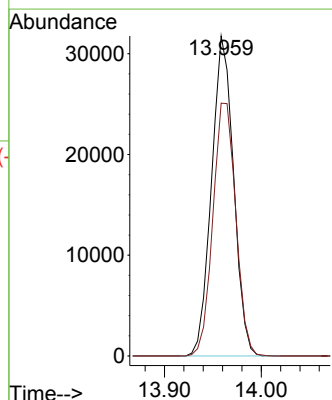
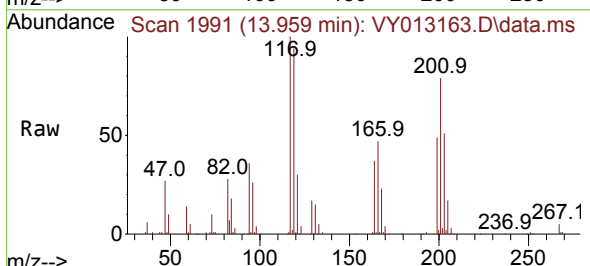
Acq: 31 Mar 2023 16:29

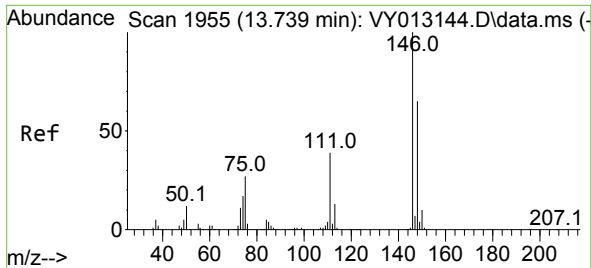
Tgt Ion: 117 Resp: 50291

Ion Ratio Lower Upper

117 100

201 82.1 39.4 118.1

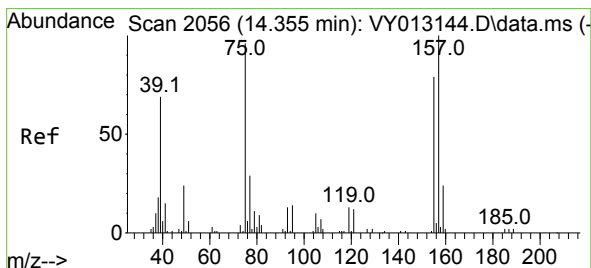
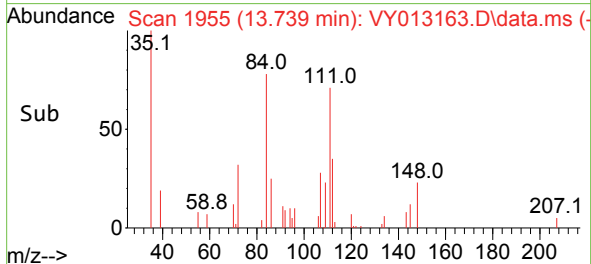
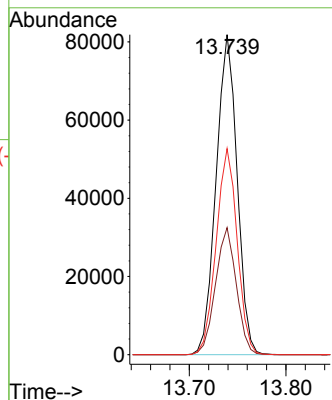
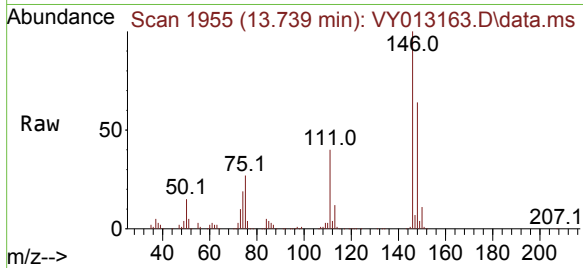




#91
 1,2-Dichlorobenzene
 Concen: 47.174 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

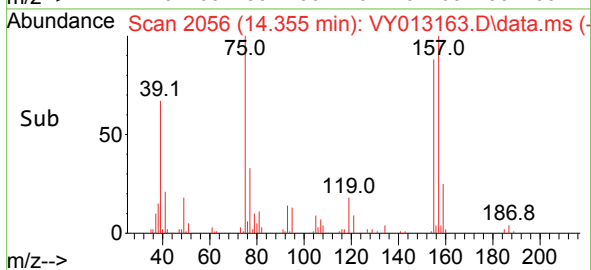
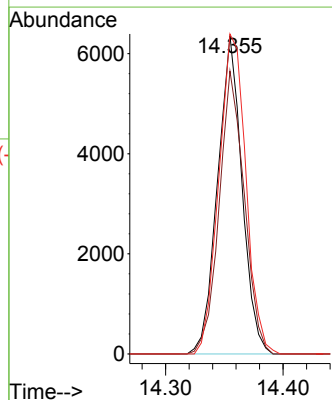
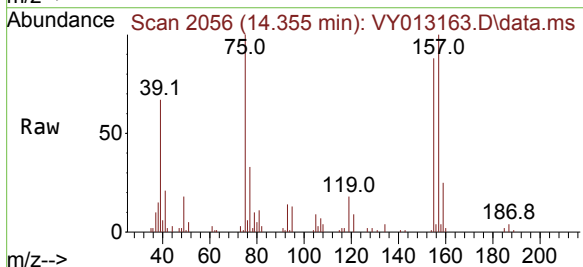
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

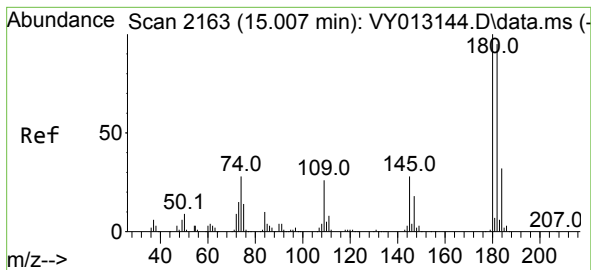
Tgt Ion:146 Resp: 123553
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 64.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.164 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

Tgt Ion: 75 Resp: 9160
 Ion Ratio Lower Upper
 75 100
 155 91.6 43.8 131.4
 157 111.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 49.948 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

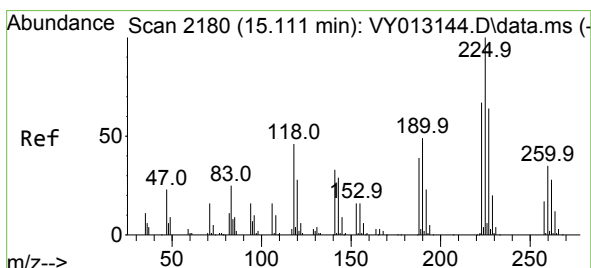
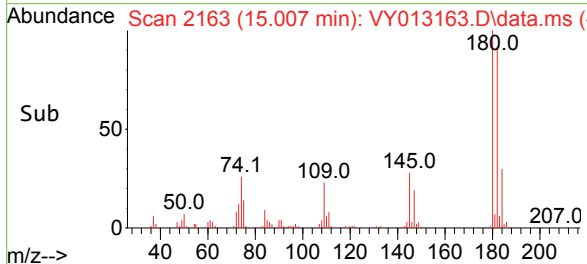
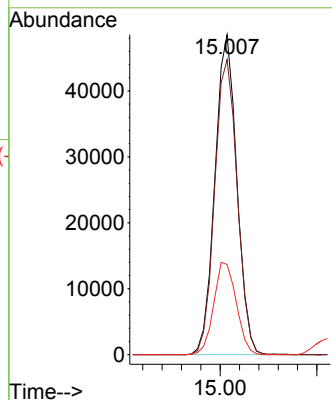
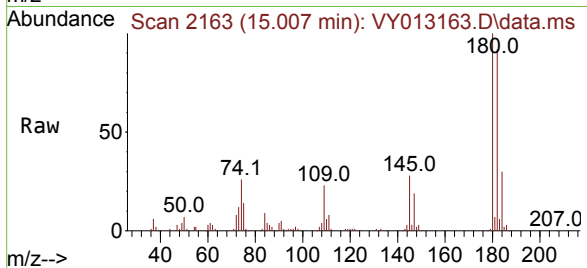
Tgt Ion:180 Resp: 76288

Ion Ratio Lower Upper

180 100

182 94.6 46.7 140.1

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 47.996 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

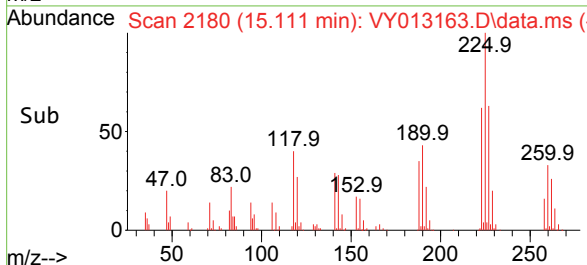
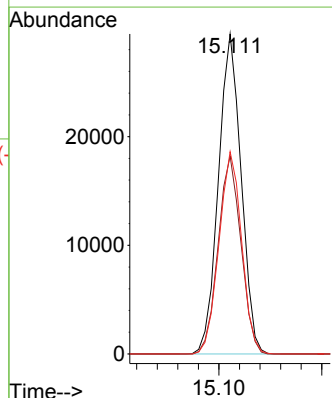
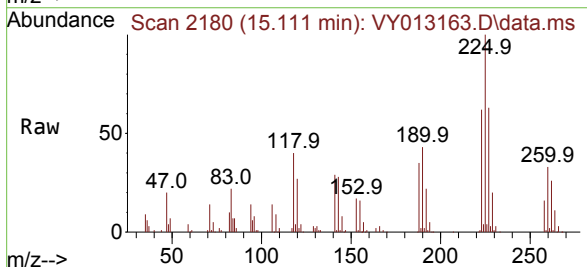
Tgt Ion:225 Resp: 45085

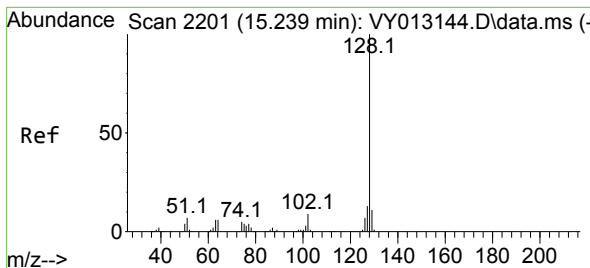
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.3

227 63.0 32.4 97.0





#95

Naphthalene

Concen: 44.545 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

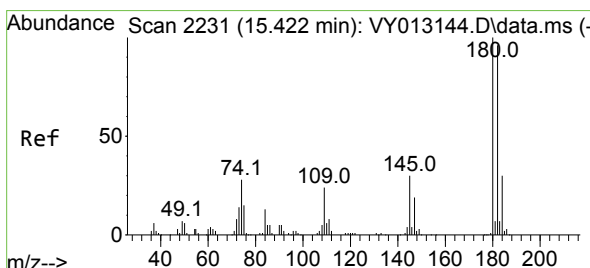
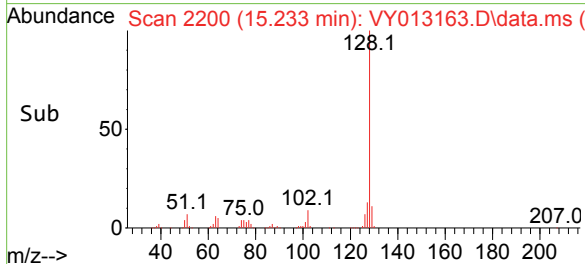
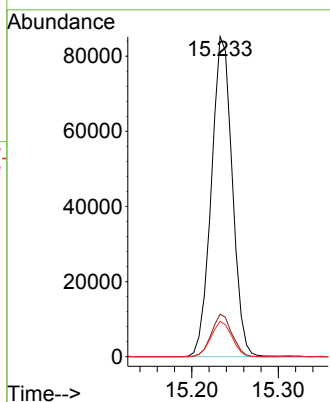
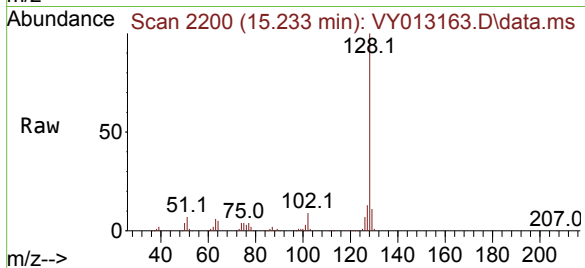
Tgt Ion:128 Resp: 142890

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: 48.816 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion:180 Resp: 65690

Ion Ratio Lower Upper

180 100

182 97.2 47.4 142.3

145 31.3 15.3 45.8

