

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013199.D
 Acq On : 04 Apr 2023 19:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 05 01:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	122193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	181370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68923	52.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.980%	
35) Dibromofluoromethane	7.716	113	61027	51.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.020%	
50) Toluene-d8	10.179	98	219205	49.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	12.477	95	78324	53.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	47874	39.966	ug/l	100
3) Chloromethane	2.113	50	51341	41.100	ug/l	98
4) Vinyl Chloride	2.247	62	52650	42.039	ug/l	99
5) Bromomethane	2.643	94	37927	42.910	ug/l	96
6) Chloroethane	2.790	64	34880	44.460	ug/l	94
7) Trichlorofluoromethane	3.119	101	92413	41.459	ug/l	99
8) Diethyl Ether	3.527	74	37730	53.904	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	54139	44.055	ug/l	94
10) Methyl Iodide	4.088	142	80753	50.463	ug/l	96
11) Tert butyl alcohol	4.948	59	39383	332.749	ug/l	100
12) 1,1-Dichloroethene	3.869	96	51807	43.610	ug/l	91
13) Acrolein	3.723	56	42335	254.886	ug/l	98
14) Allyl chloride	4.478	41	84353	41.674	ug/l	91
15) Acrylonitrile	5.155	53	99188	285.176	ug/l	98
16) Acetone	3.942	43	110888	276.147	ug/l	99
17) Carbon Disulfide	4.192	76	157962	39.928	ug/l	99
18) Methyl Acetate	4.472	43	68859	54.423	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	173806	57.737	ug/l	95
20) Methylene Chloride	4.710	84	78343	57.301	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	61579	46.006	ug/l	93
22) Diisopropyl ether	6.112	45	178811	45.216	ug/l #	92
23) Vinyl Acetate	6.051	43	572020	254.361	ug/l	96
24) 1,1-Dichloroethane	6.015	63	104555	44.641	ug/l	99
25) 2-Butanone	6.978	43	139478	277.788	ug/l	96
26) 2,2-Dichloropropane	6.972	77	97563	46.313	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	72068	49.978	ug/l	93
28) Bromochloromethane	7.326	49	46295	46.065	ug/l #	80
29) Tetrahydrofuran	7.344	42	86496	291.009	ug/l	89
30) Chloroform	7.502	83	118188	48.730	ug/l	99
31) Cyclohexane	7.783	56	82455	38.461	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	105833	49.354	ug/l	99
36) 1,1-Dichloropropene	7.911	75	81088	45.461	ug/l	97
37) Ethyl Acetate	7.069	43	55943	55.212	ug/l	99
38) Carbon Tetrachloride	7.899	117	98124	49.858	ug/l	98
39) Methylcyclohexane	9.179	83	96409	46.072	ug/l	98
40) Benzene	8.155	78	245364	47.627	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	82426	183.370	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	86810	54.999	ug/l	100
43) Isopropyl Acetate	8.270	43	103518	57.076	ug/l	96
44) Trichloroethene	8.935	130	72053	50.806	ug/l	96
45) 1,2-Dichloropropane	9.215	63	59735	46.305	ug/l	99
46) Dibromomethane	9.301	93	40136	54.159	ug/l	90
47) Bromodichloromethane	9.490	83	92209	51.567	ug/l	97
48) Methyl methacrylate	9.289	41	49266	58.325	ug/l	90
49) 1,4-Dioxane	9.295	88	13045	1479.657	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	289864	296.133	ug/l	96
52) Toluene	10.240	92	160278	50.154	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	100164	54.803	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	106232	50.892	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	58080	56.697	ug/l	98
56) Ethyl methacrylate	10.508	69	84188	65.365	ug/l	98
57) 1,3-Dichloropropane	10.788	76	98727	57.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	158353	262.945	ug/l	91
59) 2-Hexanone	10.831	43	256389	362.176	ug/l	100
60) Dibromochloromethane	10.983	129	71819	55.820	ug/l	98
61) 1,2-Dibromoethane	11.087	107	57399	57.831	ug/l	100
64) Tetrachloroethene	10.715	164	60882	46.759	ug/l	96
65) Chlorobenzene	11.514	112	178127	49.542	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	72546	53.820	ug/l	97
67) Ethyl Benzene	11.593	91	306502	49.357	ug/l	100
68) m/p-Xylenes	11.703	106	243660	101.432	ug/l	100
69) o-Xylene	12.026	106	117560	52.761	ug/l	96
70) Styrene	12.038	104	201793	54.139	ug/l	100
71) Bromoform	12.203	173	53247	63.704	ug/l #	99
73) Isopropylbenzene	12.331	105	302357	47.695	ug/l	98
74) N-amyl acetate	12.142	43	91027	52.297	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	68823	51.829	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	92852	89.999	ug/l #	100
77) Bromobenzene	12.605	156	81578	51.760	ug/l	91
78) n-propylbenzene	12.666	91	357606	45.879	ug/l	98
79) 2-Chlorotoluene	12.751	91	209584	47.385	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	260045	49.065	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	25256	54.594	ug/l	95
82) 4-Chlorotoluene	12.855	91	220797	47.966	ug/l	99
83) tert-Butylbenzene	13.074	119	228349	50.161	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	260512	50.191	ug/l	99
85) sec-Butylbenzene	13.251	105	327507	47.647	ug/l	98
86) p-Isopropyltoluene	13.367	119	282206	49.872	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	155997	49.930	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	156822	50.090	ug/l	99
89) n-Butylbenzene	13.696	91	249675	47.198	ug/l	98
90) Hexachloroethane	13.958	117	54724	46.423	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	143729	51.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13508	61.132	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	91388	56.164	ug/l	99
94) Hexachlorobutadiene	15.111	225	49448	49.412	ug/l	99
95) Naphthalene	15.233	128	182125	52.659	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	72076	50.276	ug/l	98

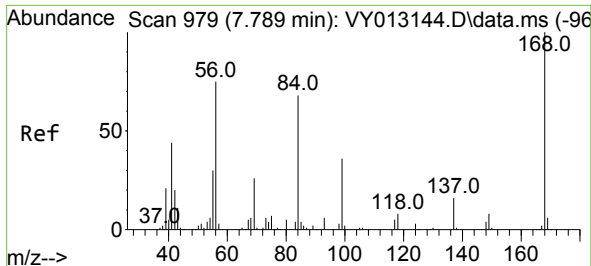
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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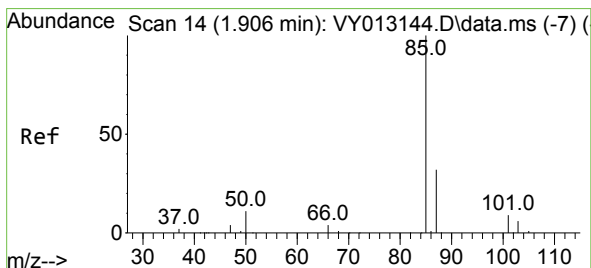
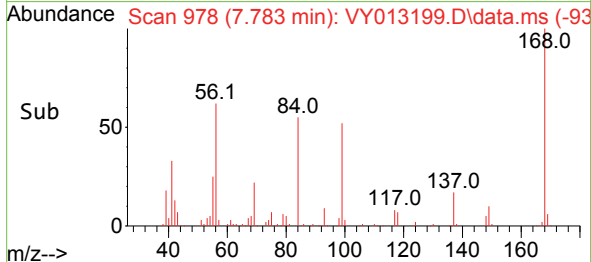
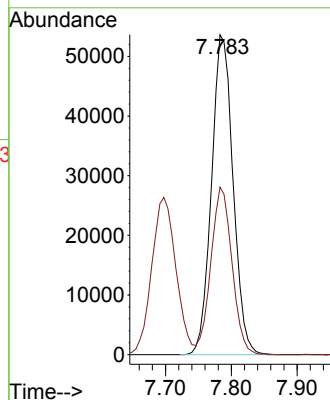
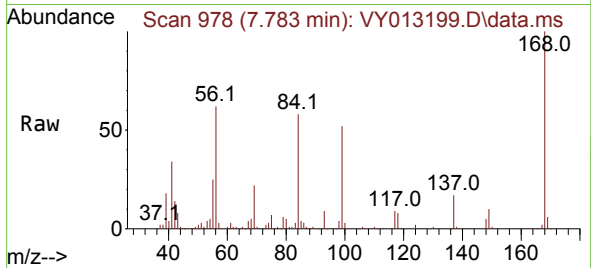
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

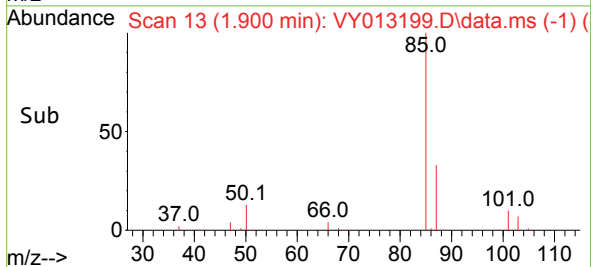
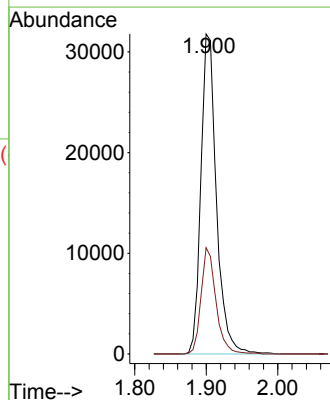
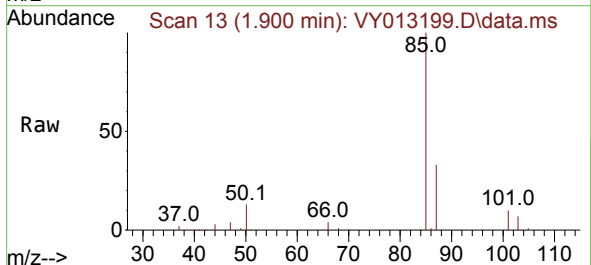
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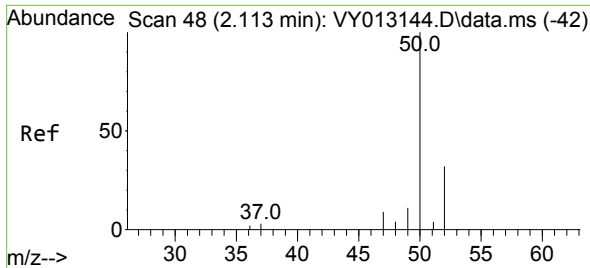
Tgt Ion:168 Resp: 122193
Ion Ratio Lower Upper
168 100
99 52.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 39.966 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 85 Resp: 47874
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0

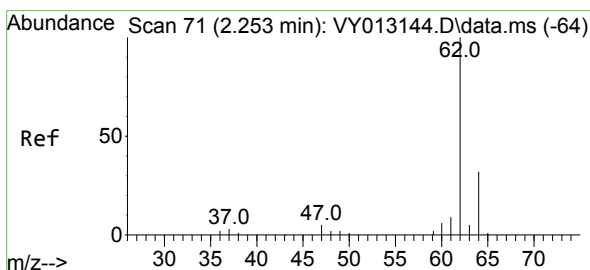
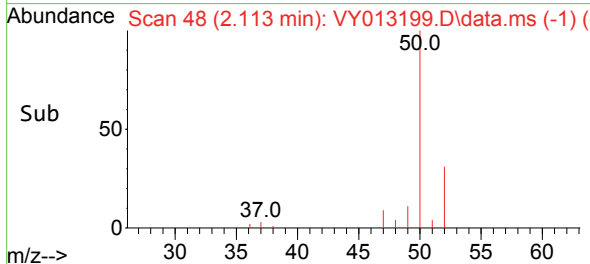
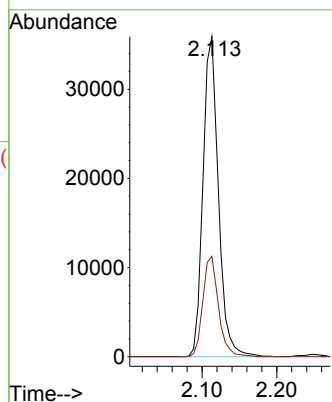
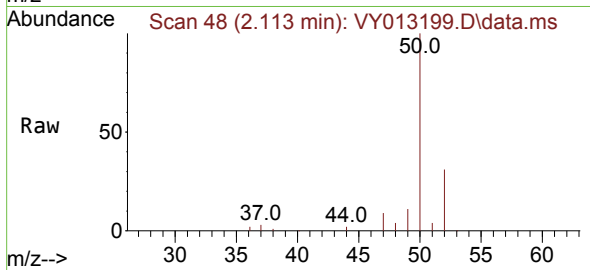




#3
Chloromethane
Concen: 41.100 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

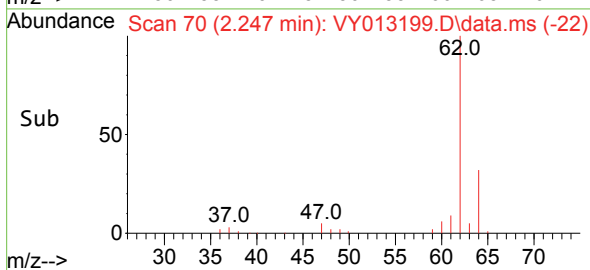
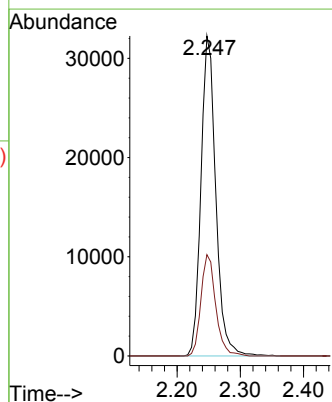
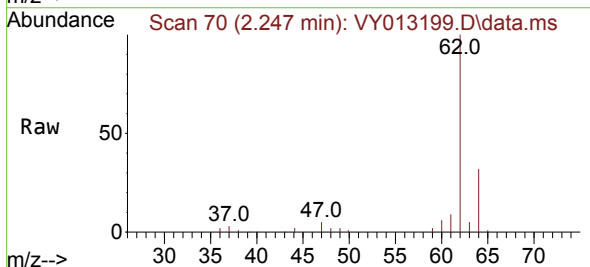
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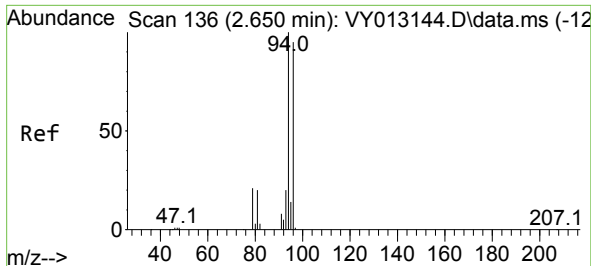
Tgt Ion: 50 Resp: 51341
Ion Ratio Lower Upper
50 100
52 31.3 26.0 39.0



#4
Vinyl Chloride
Concen: 42.039 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 62 Resp: 52650
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4

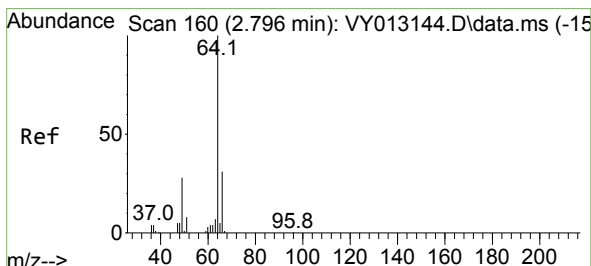
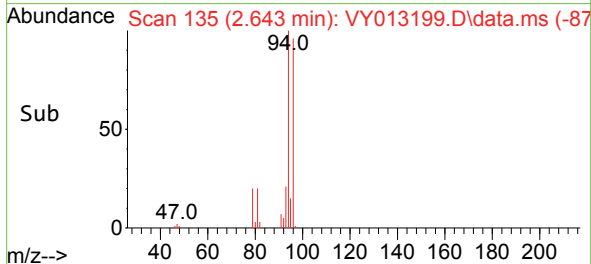
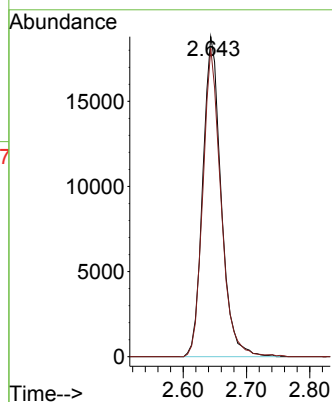
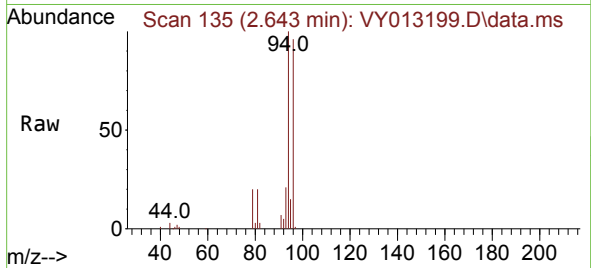




#5
Bromomethane
Concen: 42.910 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

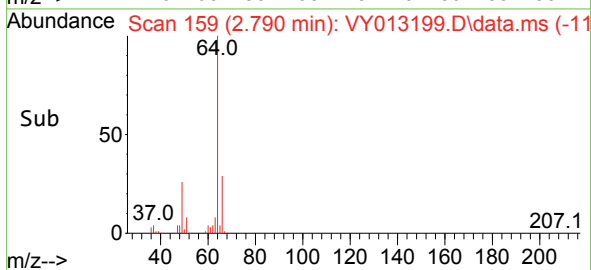
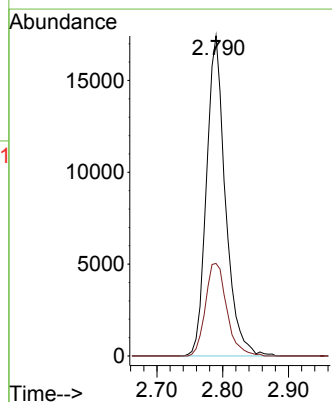
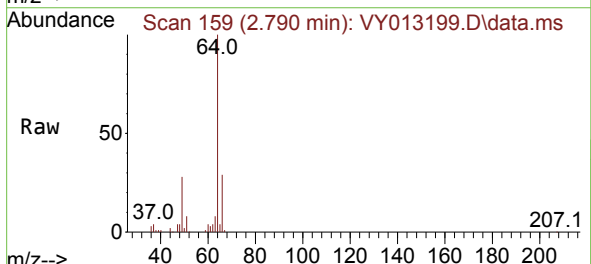
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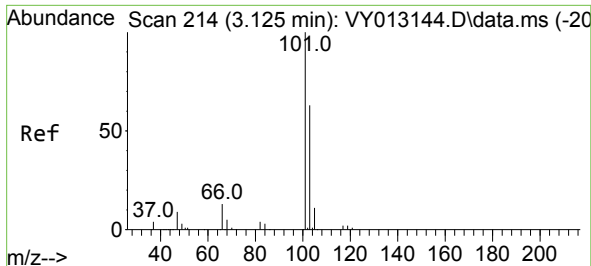
Tgt Ion: 94 Resp: 37927
Ion Ratio Lower Upper
94 100
96 96.4 80.3 120.5



#6
Chloroethane
Concen: 44.460 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 64 Resp: 34880
Ion Ratio Lower Upper
64 100
66 28.9 25.7 38.5

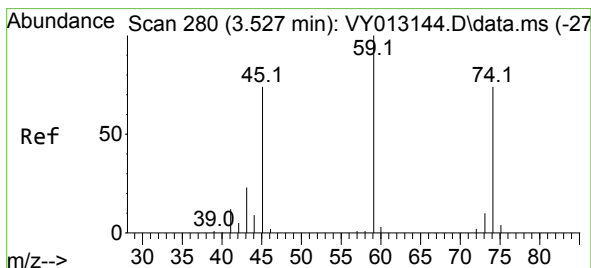
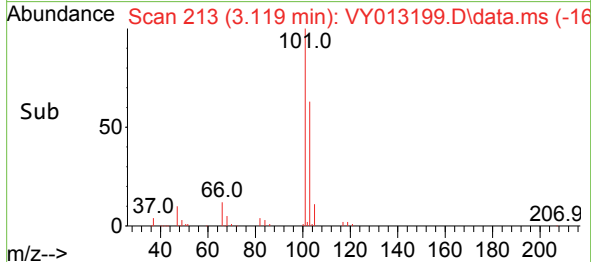
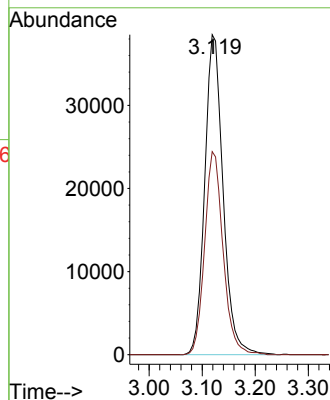
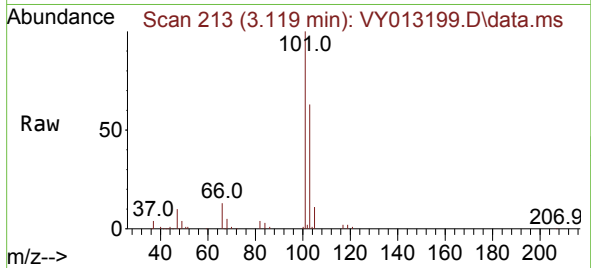




#7
Trichlorofluoromethane
Concen: 41.459 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

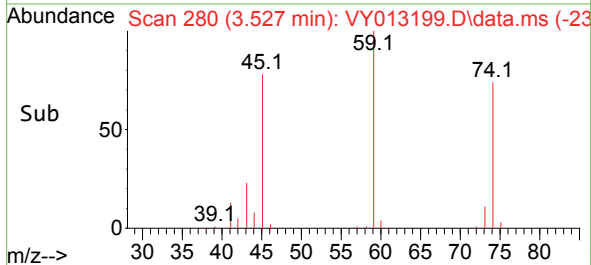
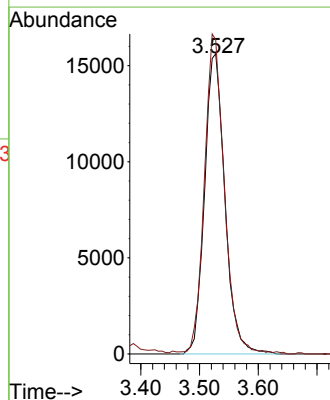
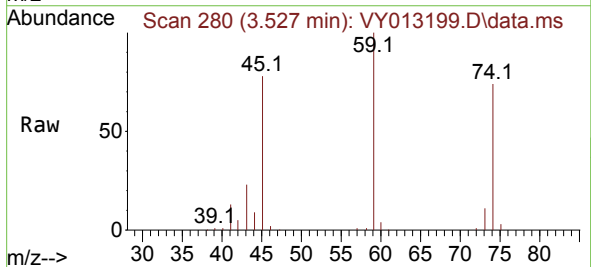
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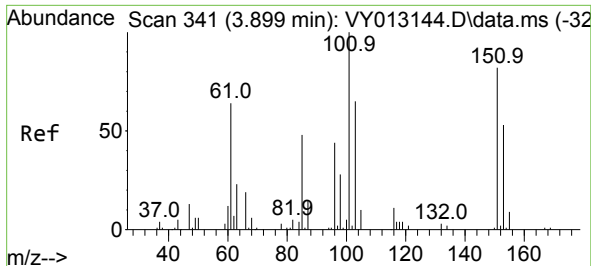
Tgt Ion:101 Resp: 92413
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3



#8
Diethyl Ether
Concen: 53.904 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 74 Resp: 37730
Ion Ratio Lower Upper
74 100
45 104.4 52.1 156.4

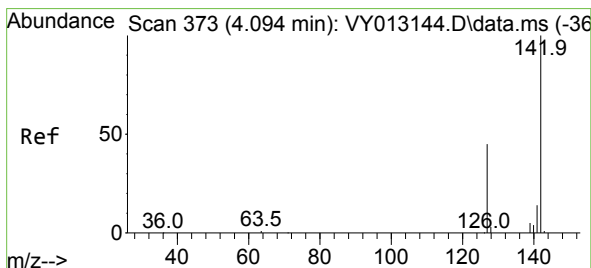
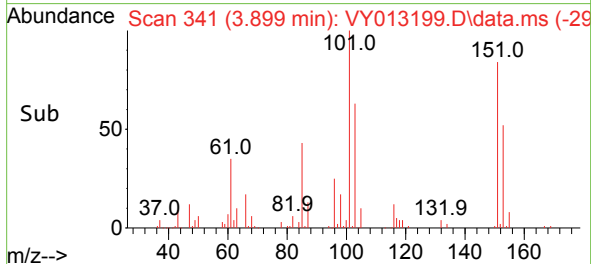
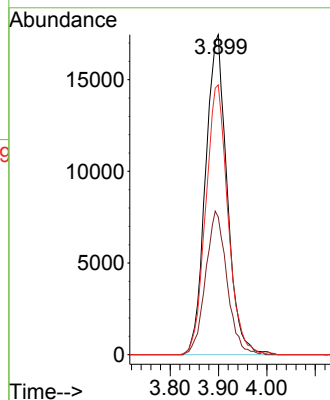
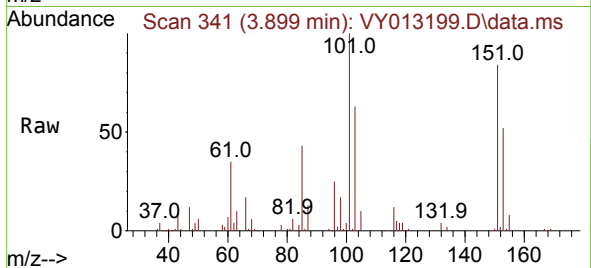




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.055 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013199.D
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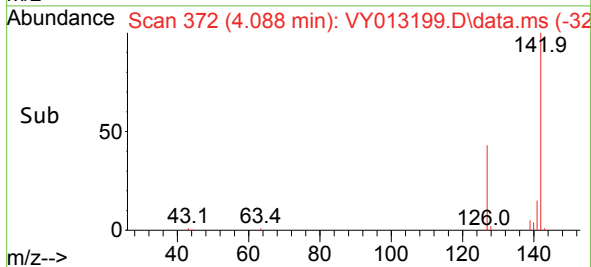
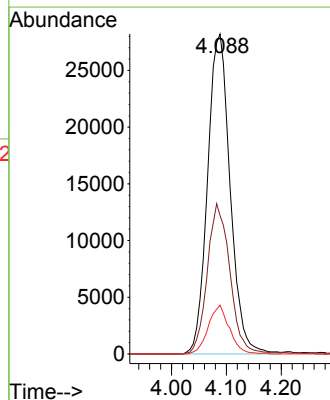
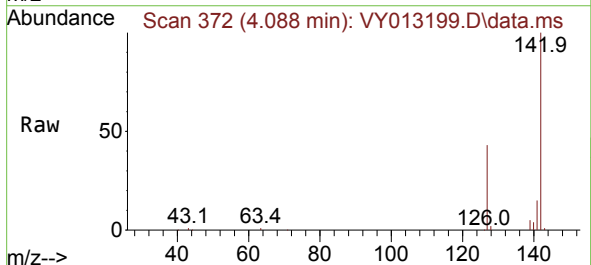
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

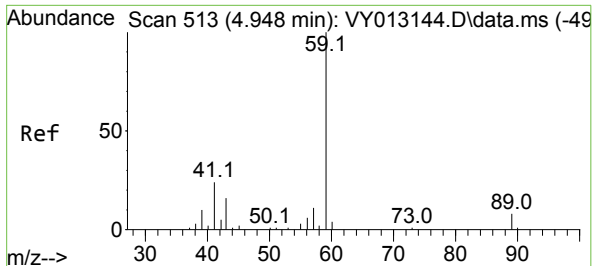
Tgt Ion:101 Resp: 54139
Ion Ratio Lower Upper
101 100
85 44.6 35.3 52.9
151 86.8 63.1 94.7



#10
Methyl Iodide
Concen: 50.463 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion:142 Resp: 80753
Ion Ratio Lower Upper
142 100
127 47.4 35.4 53.2
141 14.3 11.3 16.9





#11

Tert butyl alcohol

Concen: 332.749 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

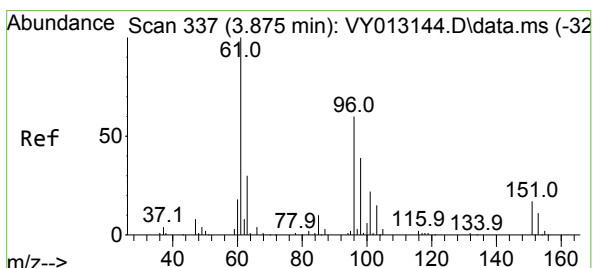
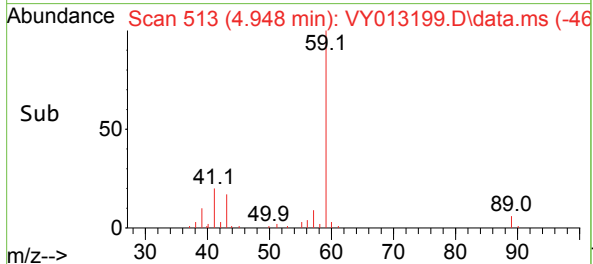
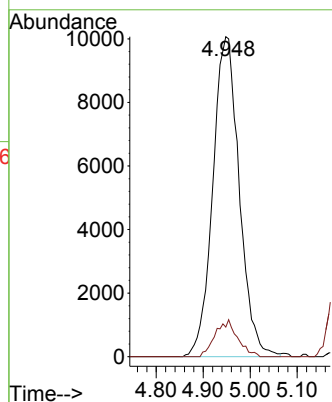
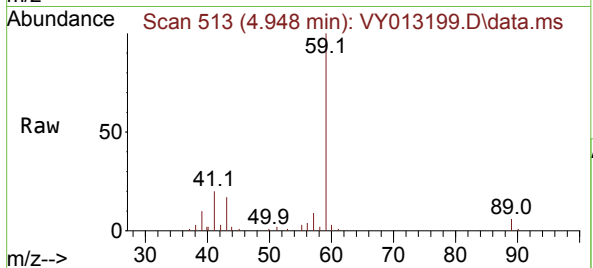
VSTDCCC050EC

Tgt Ion: 59 Resp: 39383

Ion Ratio Lower Upper

59 100

57 9.7 7.7 11.5



#12

1,1-Dichloroethene

Concen: 43.610 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

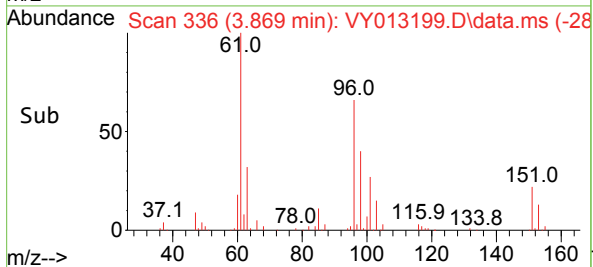
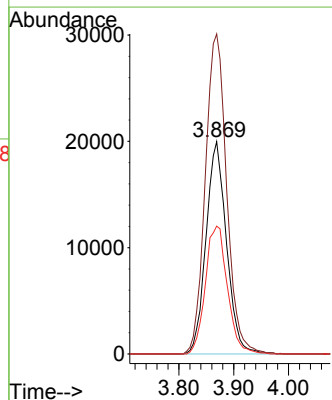
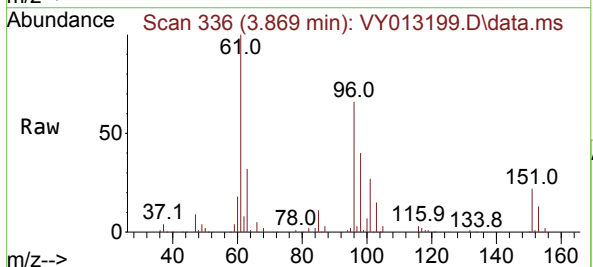
Tgt Ion: 96 Resp: 51807

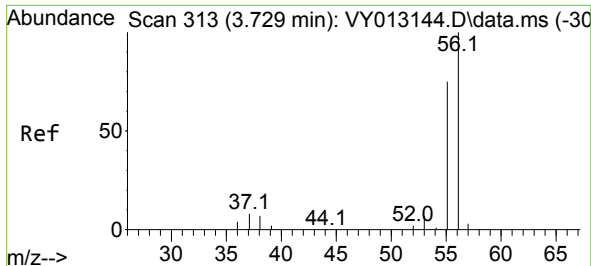
Ion Ratio Lower Upper

96 100

61 150.7 131.7 197.5

98 60.2 52.0 78.0





#13

Acrolein

Concen: 254.886 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

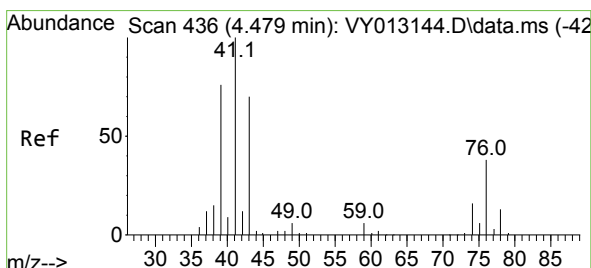
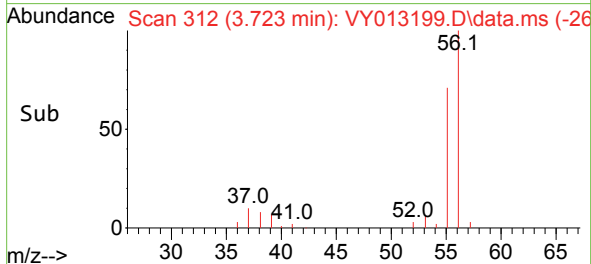
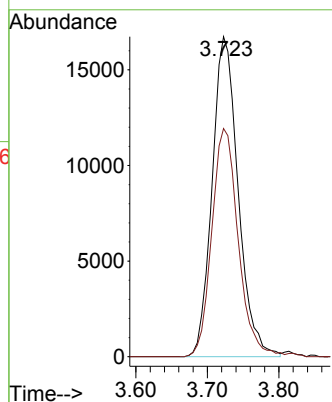
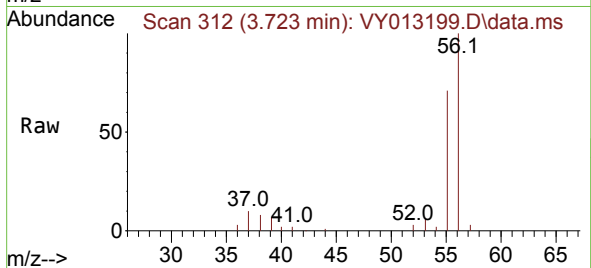
VSTDCCC050EC

Tgt Ion: 56 Resp: 42335

Ion Ratio Lower Upper

56 100

55 72.7 56.8 85.2



#14

Allyl chloride

Concen: 41.674 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

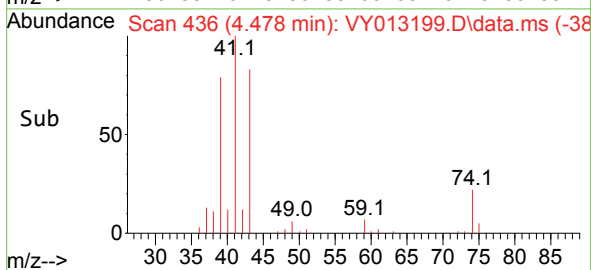
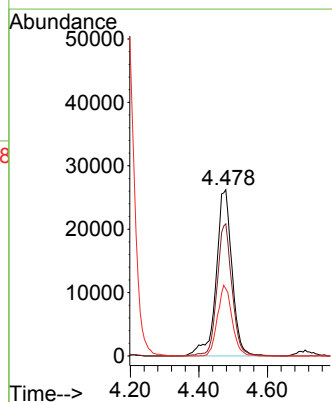
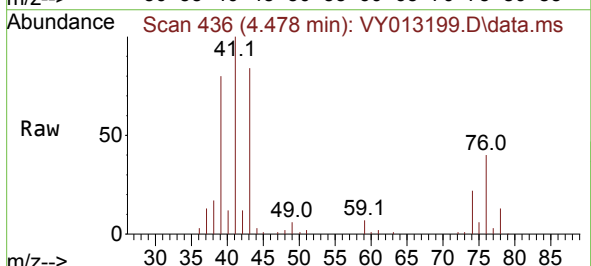
Tgt Ion: 41 Resp: 84353

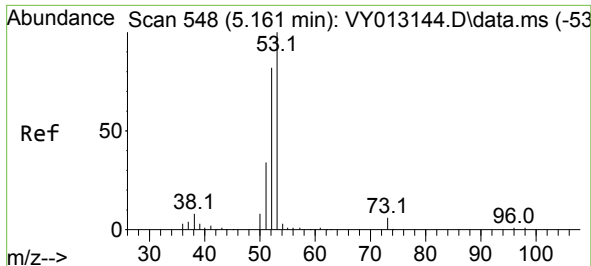
Ion Ratio Lower Upper

41 100

39 74.5 53.6 80.4

76 38.9 27.2 40.8

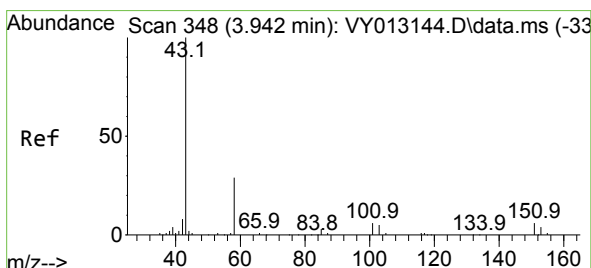
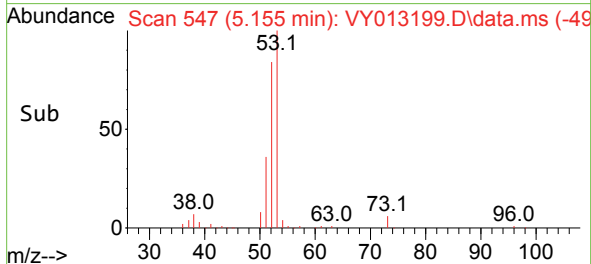
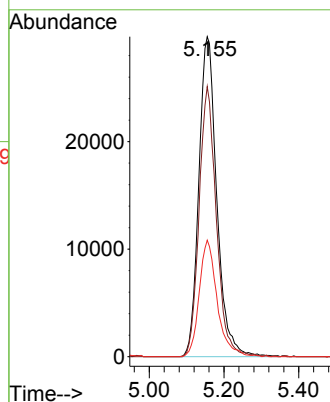
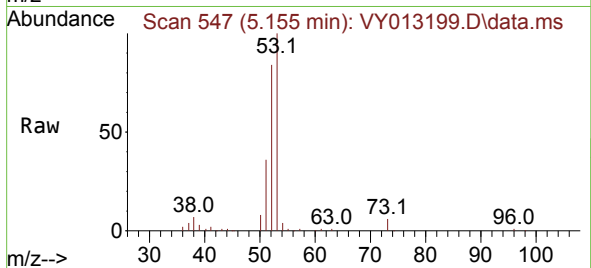




#15
Acrylonitrile
Concen: 285.176 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

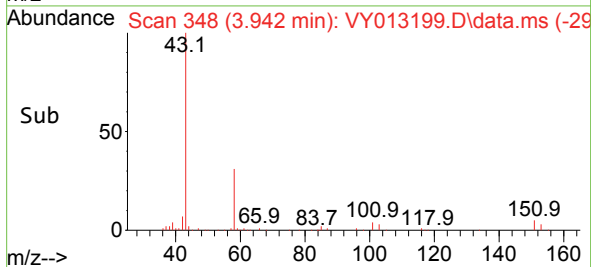
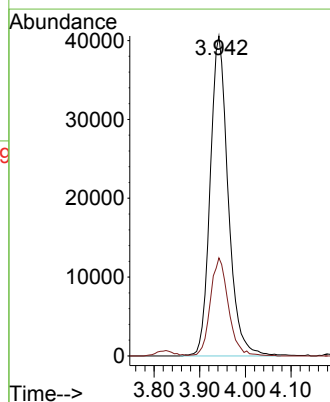
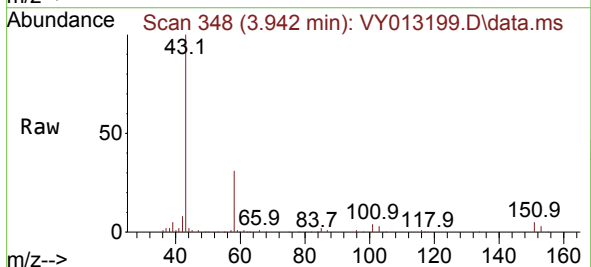
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

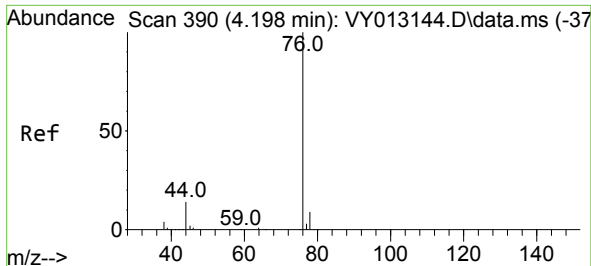
Tgt Ion: 53 Resp: 99188
Ion Ratio Lower Upper
53 100
52 81.0 66.3 99.5
51 36.4 28.8 43.2



#16
Acetone
Concen: 276.147 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 43 Resp: 110888
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.2

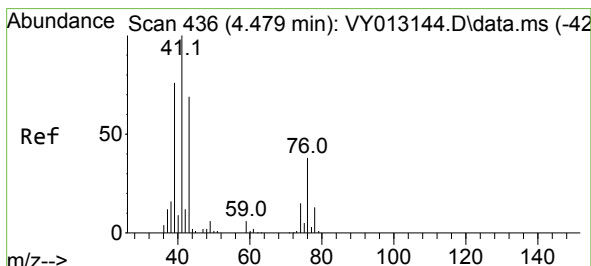
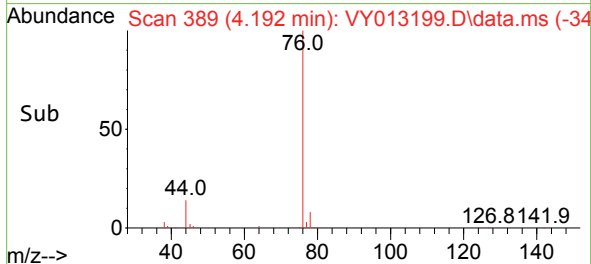
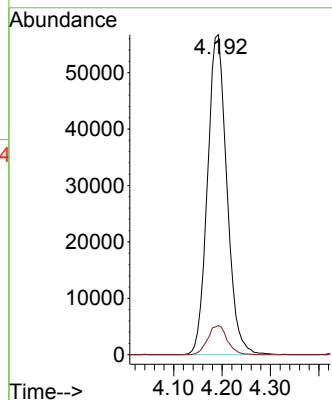
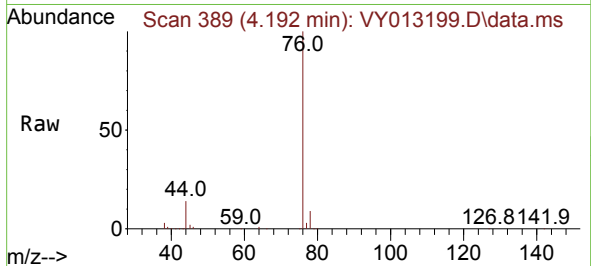




#17
Carbon Disulfide
Concen: 39.928 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

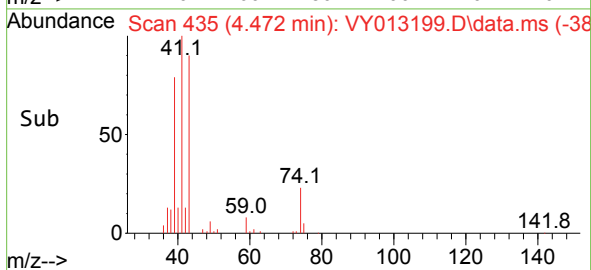
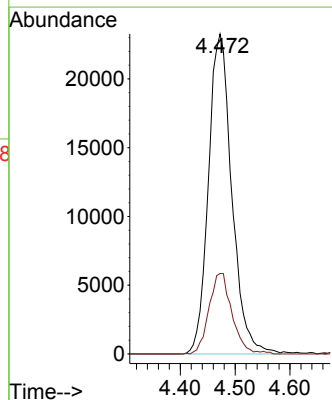
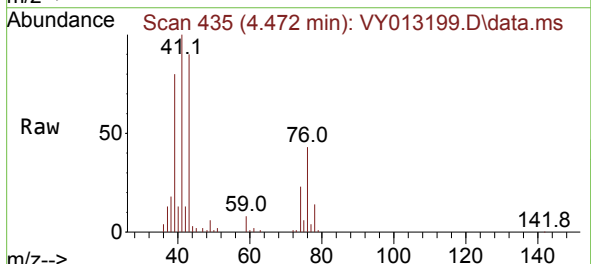
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

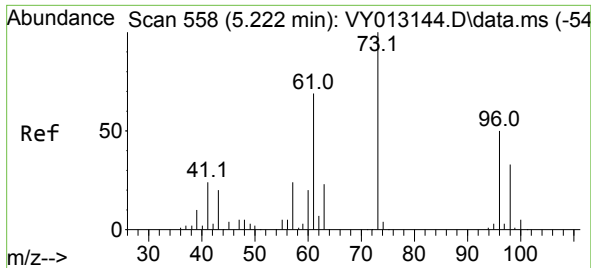
Tgt Ion: 76 Resp: 157962
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 54.423 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 43 Resp: 68859
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0

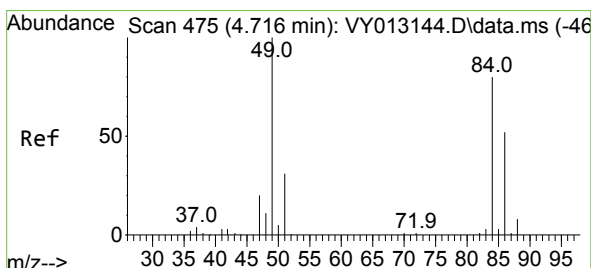
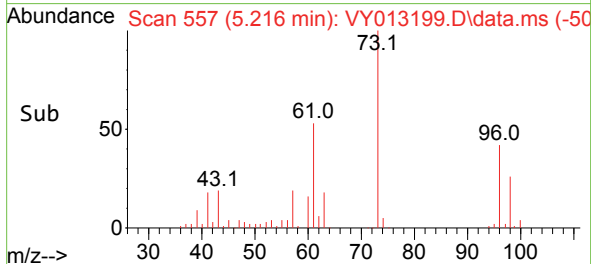
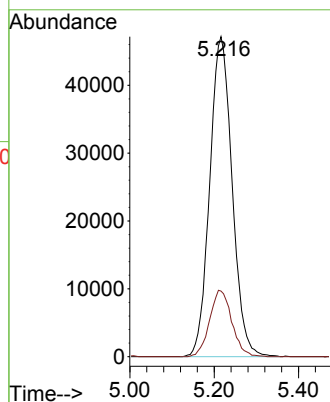
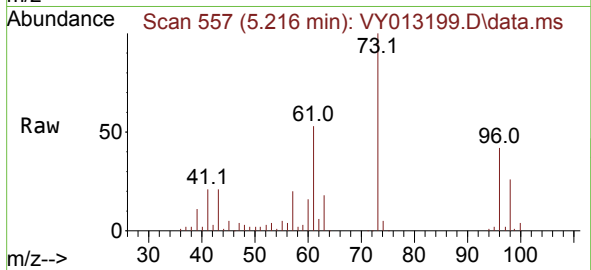




#19
Methyl tert-butyl Ether
Concen: 57.737 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

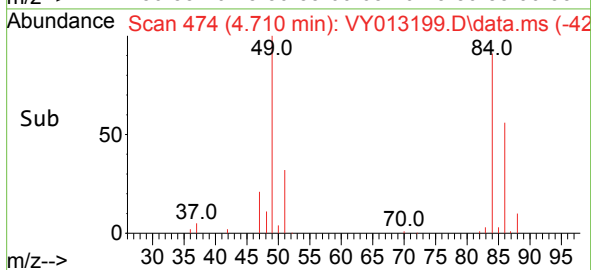
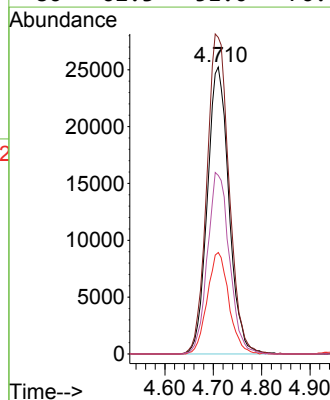
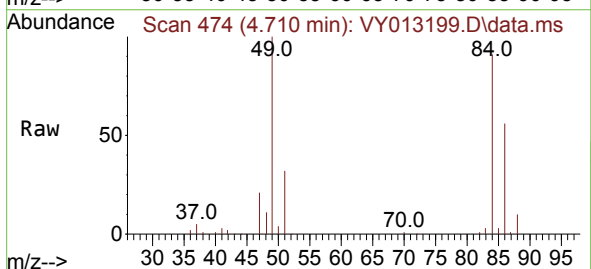
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

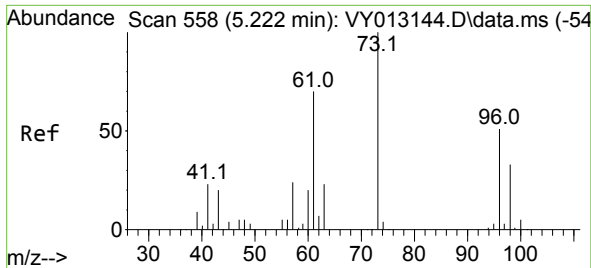
Tgt Ion: 73 Resp: 173806
Ion Ratio Lower Upper
73 100
57 20.5 18.3 27.5



#20
Methylene Chloride
Concen: 57.301 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 84 Resp: 78343
Ion Ratio Lower Upper
84 100
49 110.4 102.6 154.0
51 35.4 31.9 47.9
86 62.3 51.0 76.6

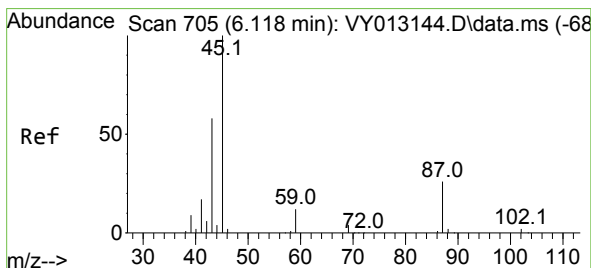
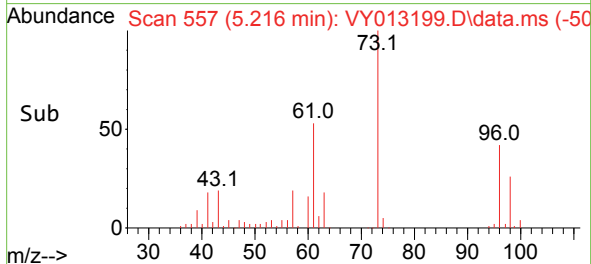
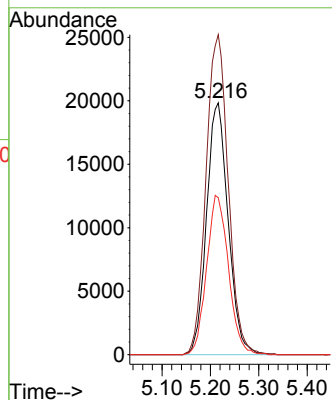
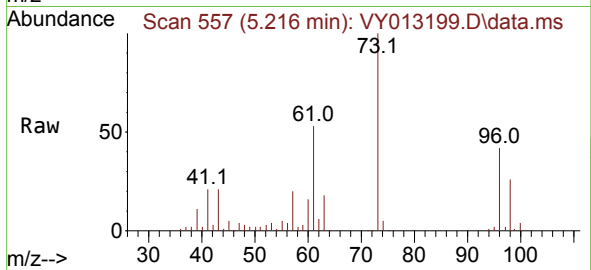




#21
trans-1,2-Dichloroethene
Concen: 46.006 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

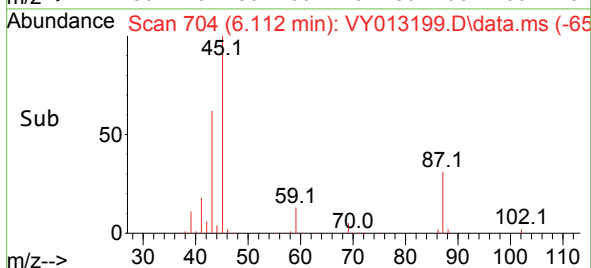
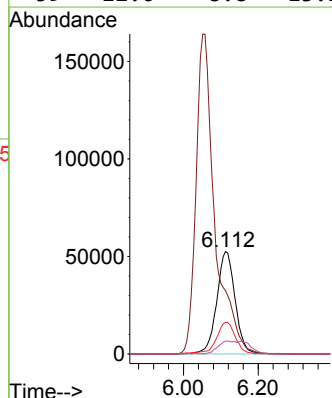
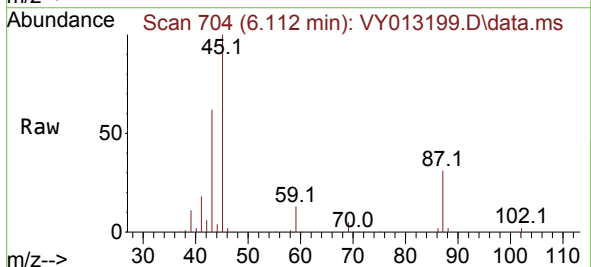
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

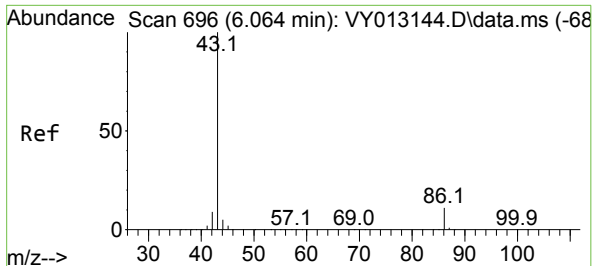
Tgt Ion: 96 Resp: 61579
Ion Ratio Lower Upper
96 100
61 127.1 111.4 167.0
98 62.3 50.8 76.2



#22
Diisopropyl ether
Concen: 45.216 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 45 Resp: 178811
Ion Ratio Lower Upper
45 100
43 61.3 45.0 67.6
87 30.7 20.3 30.5#
59 12.6 8.8 13.2

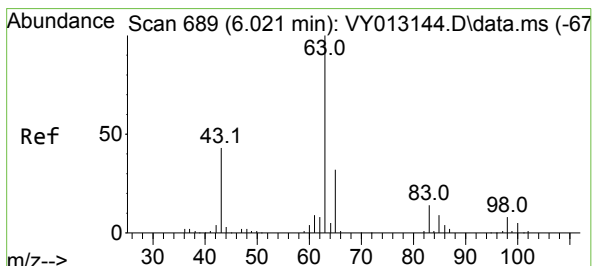
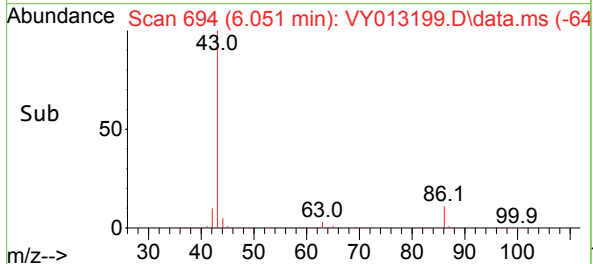
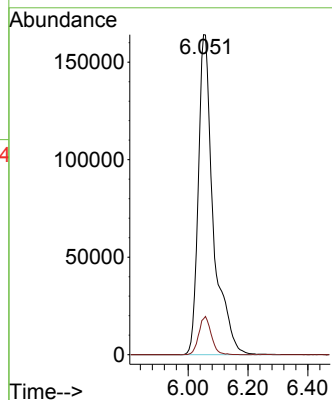
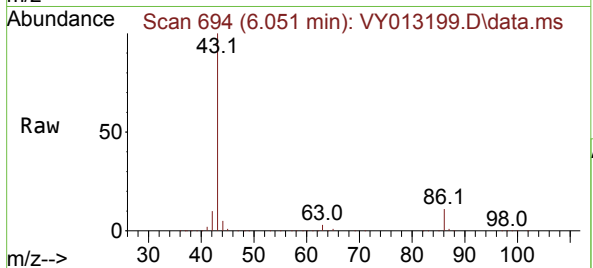




#23
 Vinyl Acetate
 Concen: 254.361 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VY013199.D
 Acq: 04 Apr 2023 19:01

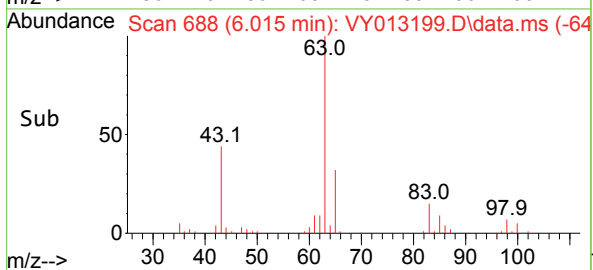
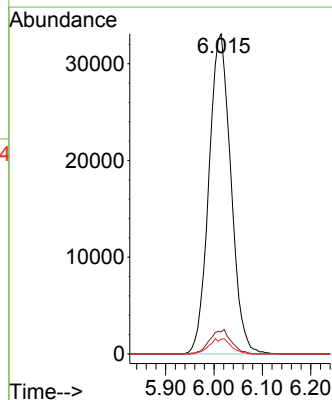
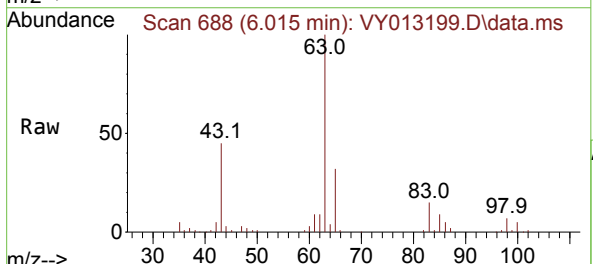
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

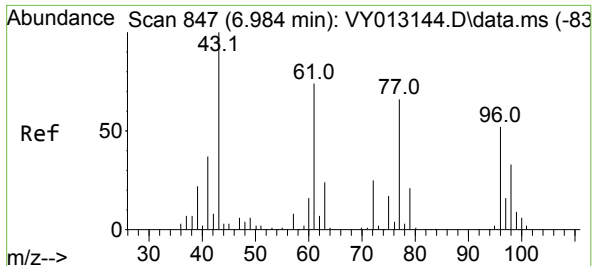
Tgt Ion: 43 Resp: 572020
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 44.641 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013199.D
 Acq: 04 Apr 2023 19:01

Tgt Ion: 63 Resp: 104555
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 277.788 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

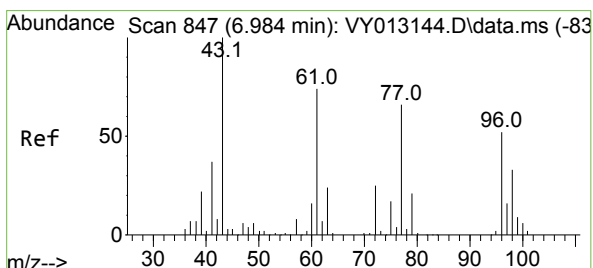
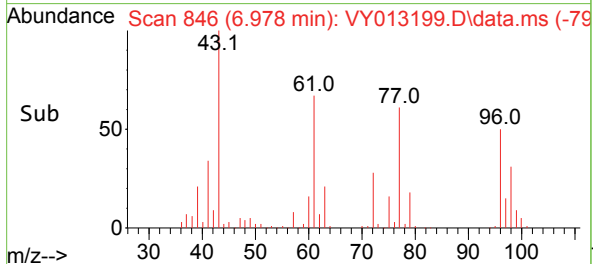
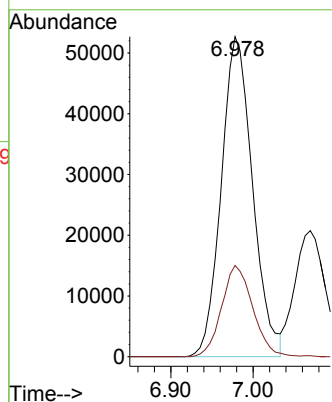
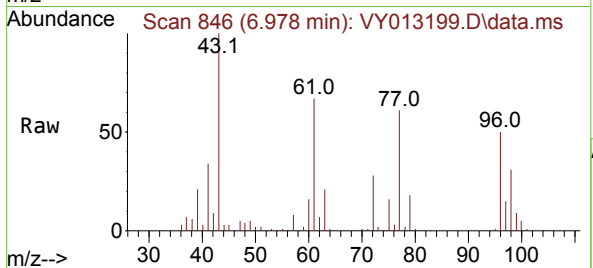
VSTDCCC050EC

Tgt Ion: 43 Resp: 139478

Ion Ratio Lower Upper

43 100

72 28.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 46.313 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY013199.D

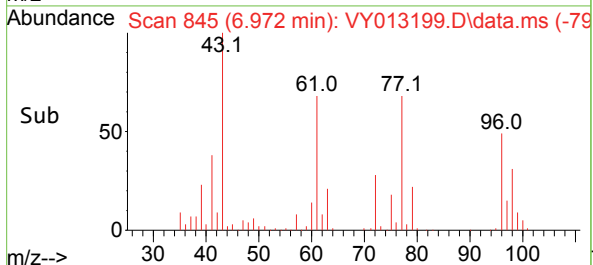
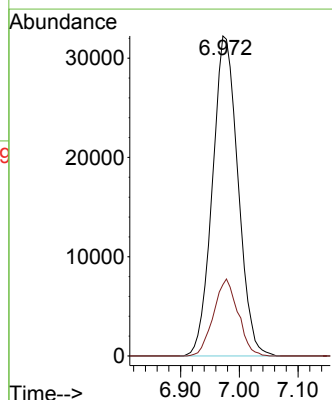
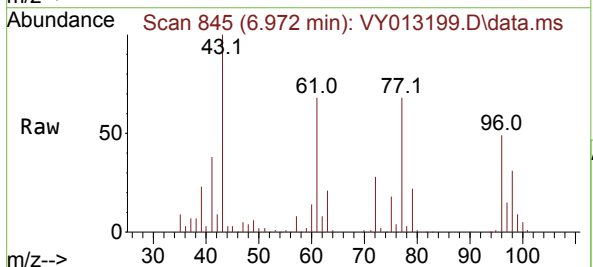
Acq: 04 Apr 2023 19:01

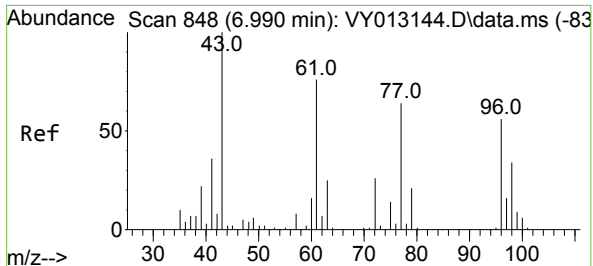
Tgt Ion: 77 Resp: 97563

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.978 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

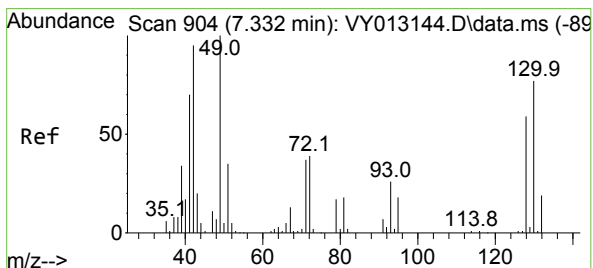
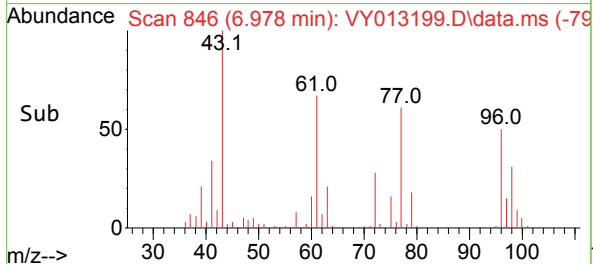
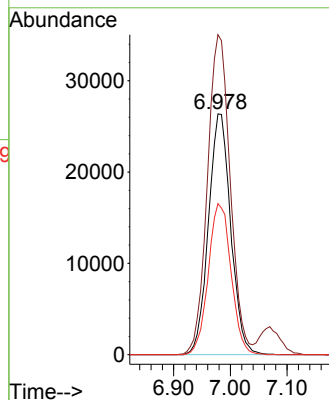
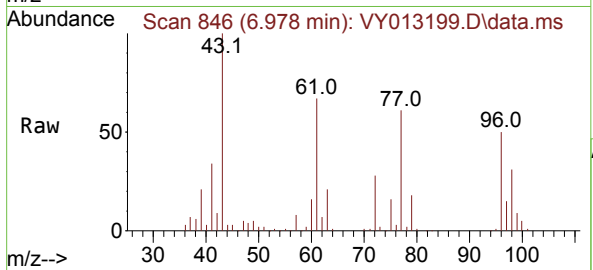
Tgt Ion: 96 Resp: 72068

Ion Ratio Lower Upper

96 100

61 136.3 0.0 295.8

98 64.1 0.0 130.2



#28

Bromochloromethane

Concen: 46.065 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

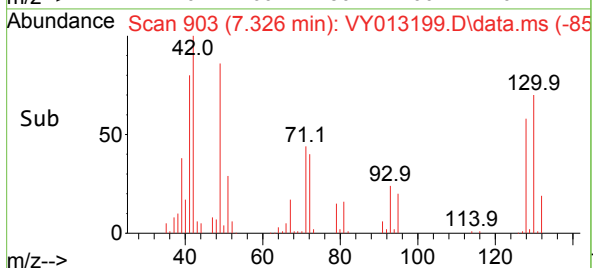
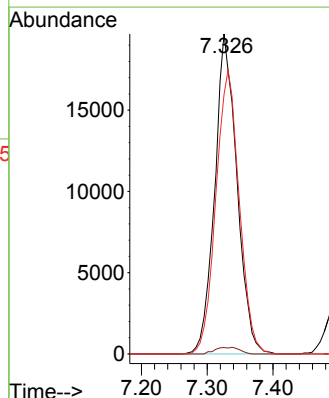
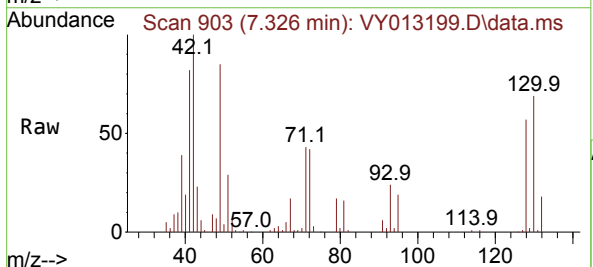
Tgt Ion: 49 Resp: 46295

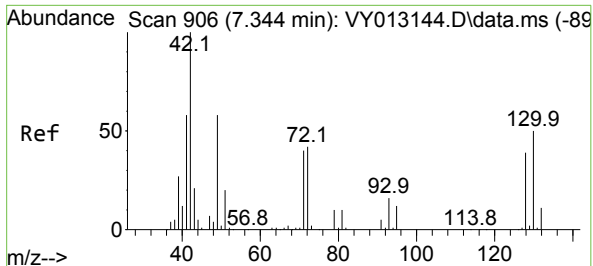
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 93.2 60.5 90.7#





#29

Tetrahydrofuran

Concen: 291.009 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

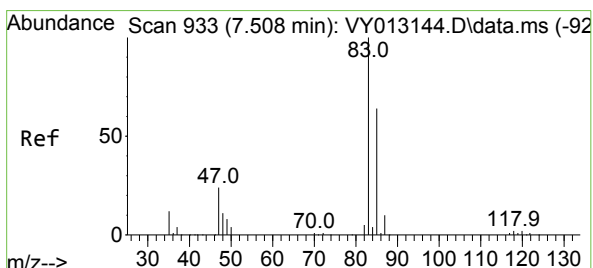
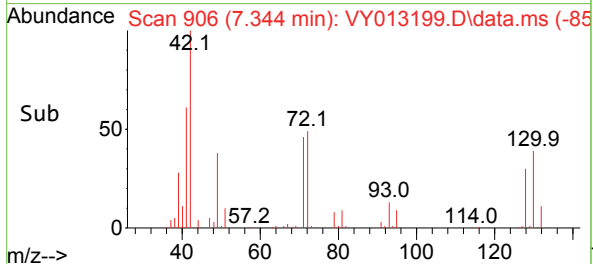
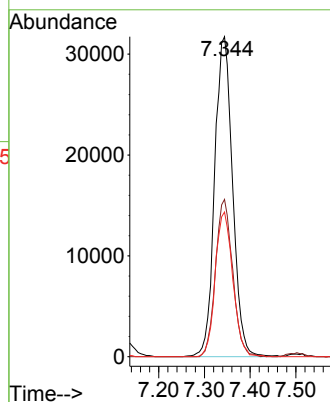
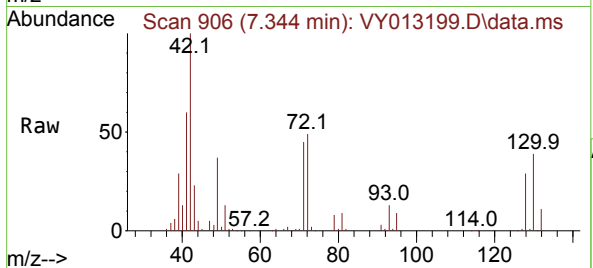
Tgt Ion: 42 Resp: 86496

Ion Ratio Lower Upper

42 100

72 47.0 32.3 48.5

71 44.4 30.3 45.5



#30

Chloroform

Concen: 48.730 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY013199.D

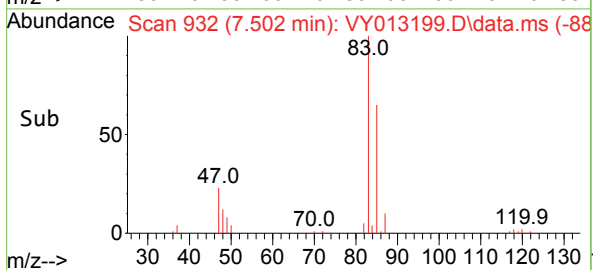
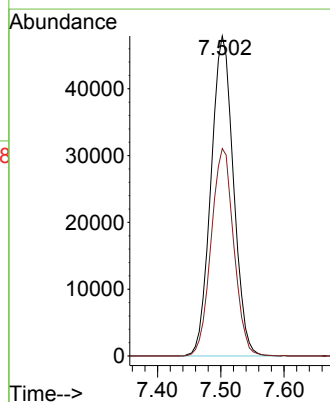
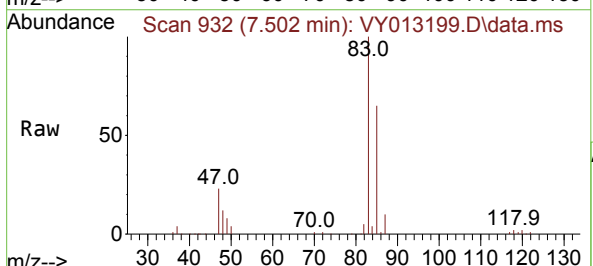
Acq: 04 Apr 2023 19:01

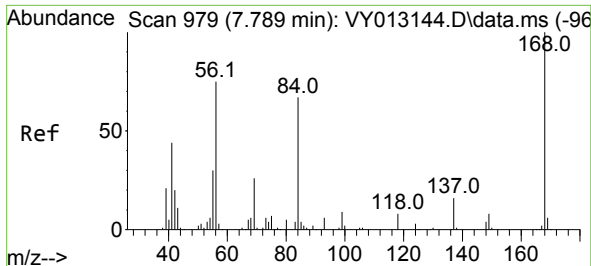
Tgt Ion: 83 Resp: 118188

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

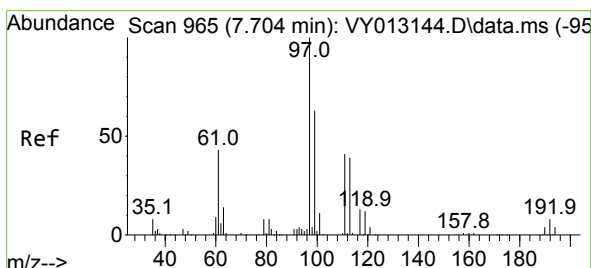
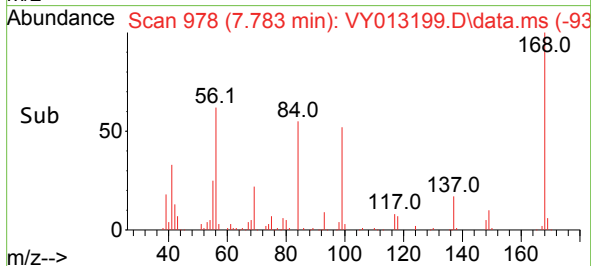
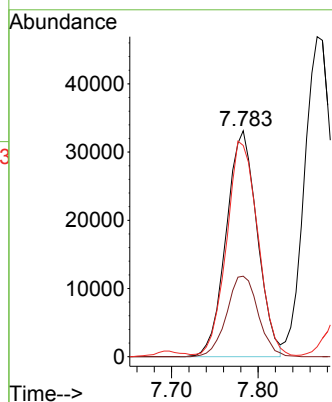
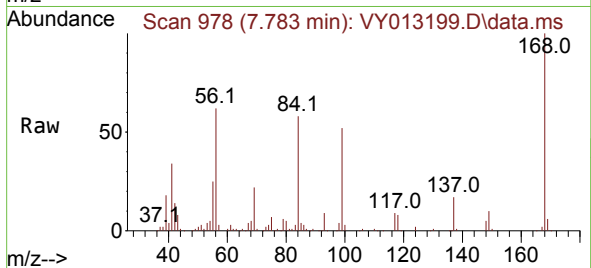




#31
Cyclohexane
Concen: 38.461 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

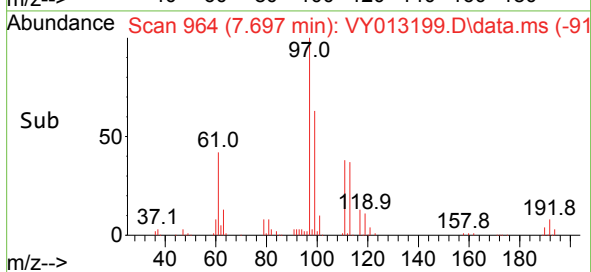
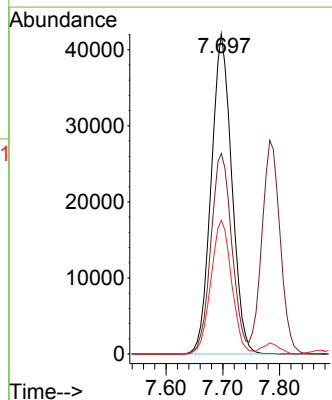
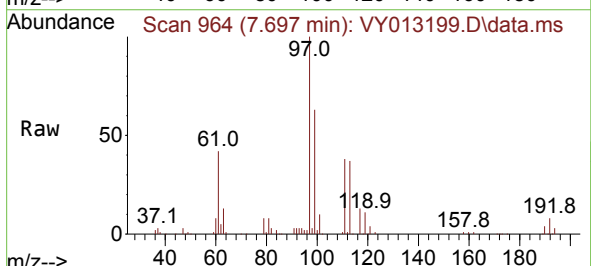
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

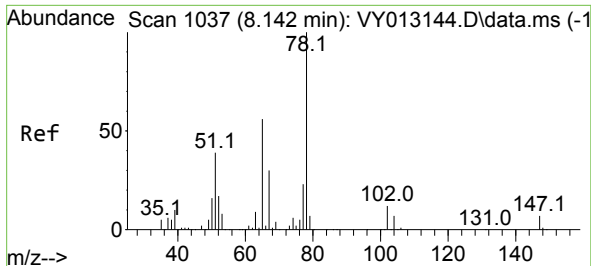
Tgt Ion: 56 Resp: 82455
Ion Ratio Lower Upper
56 100
69 35.6 25.7 38.5
84 92.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 49.354 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 97 Resp: 105833
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 42.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.485 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

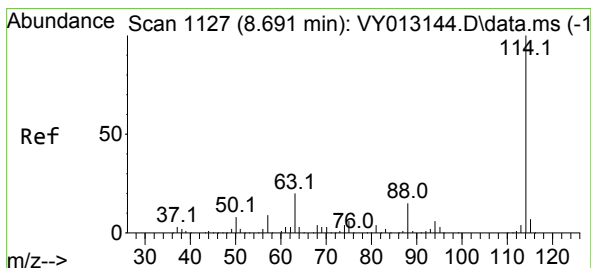
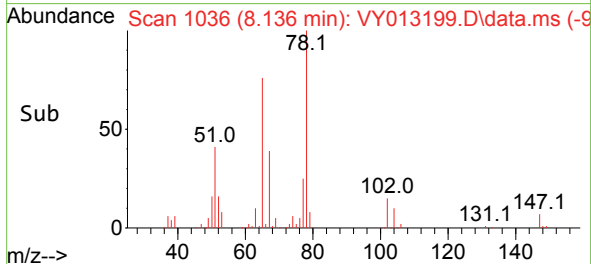
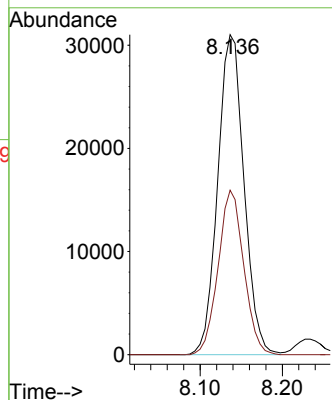
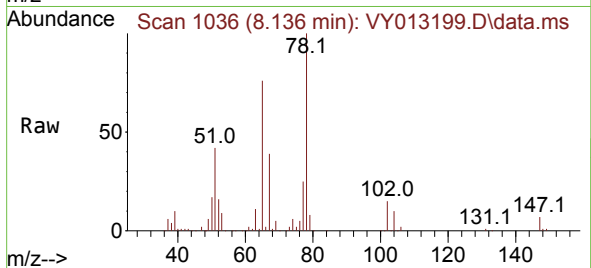
VSTDCCC050EC

Tgt Ion: 65 Resp: 68923

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

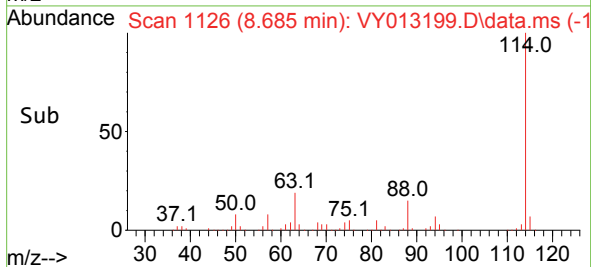
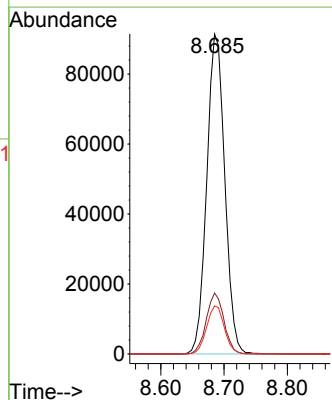
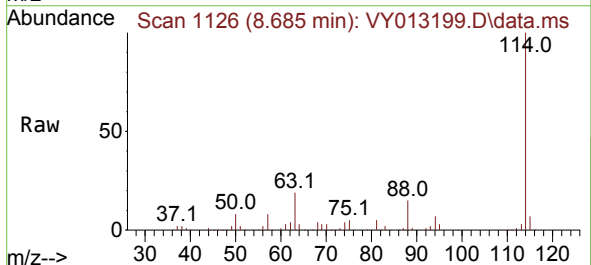
Tgt Ion: 114 Resp: 181370

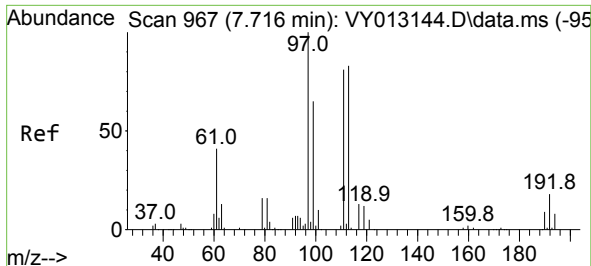
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 15.0 0.0 28.6

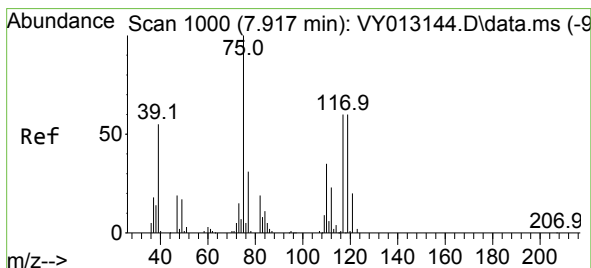
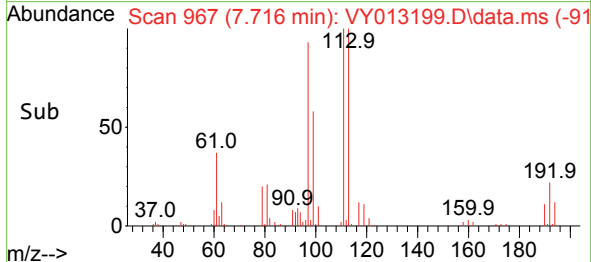
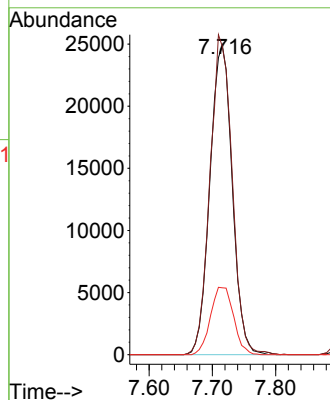
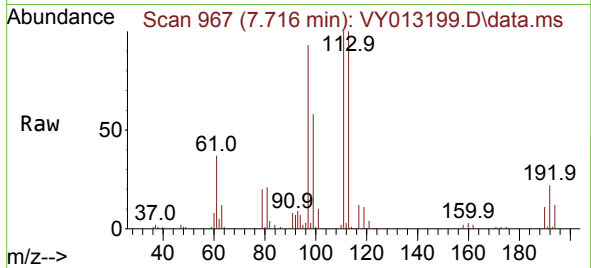




#35
Dibromofluoromethane
Concen: 51.507 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

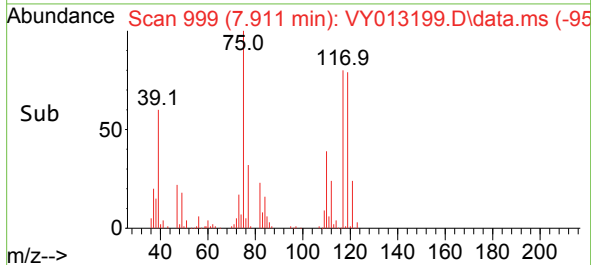
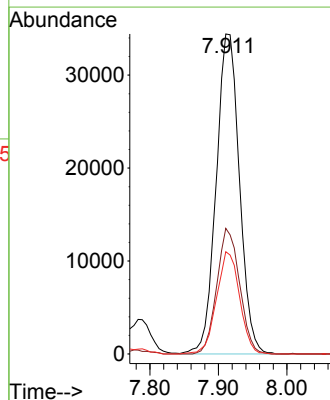
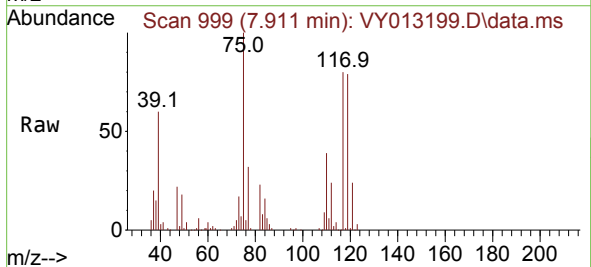
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

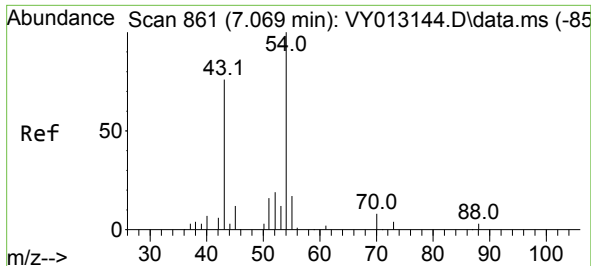
Tgt Ion:113 Resp: 61027
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 22.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 45.461 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 75 Resp: 81088
Ion Ratio Lower Upper
75 100
110 38.4 17.8 53.3
77 31.7 25.0 37.4

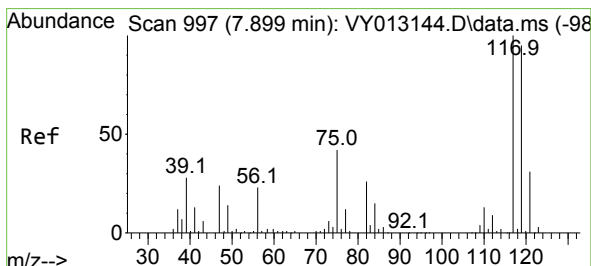
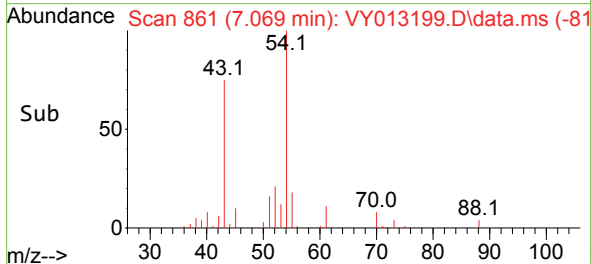
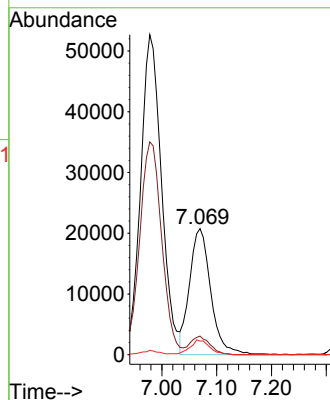
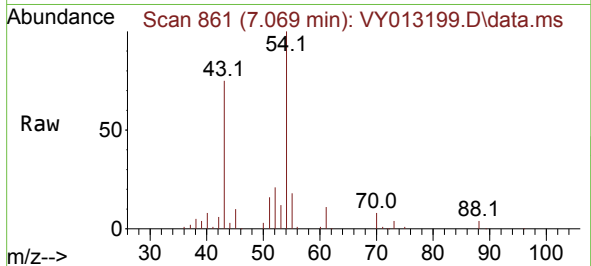




#37
Ethyl Acetate
Concen: 55.212 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

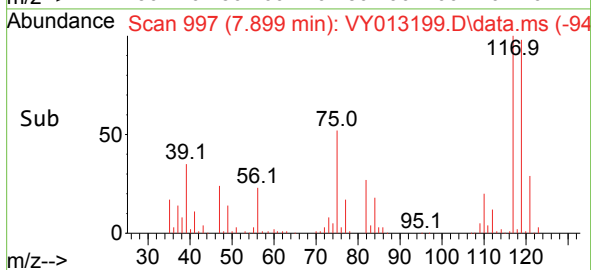
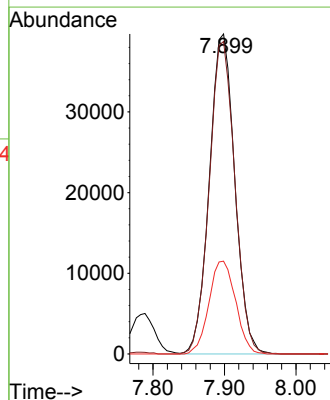
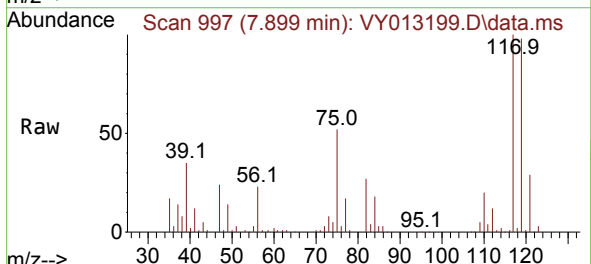
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

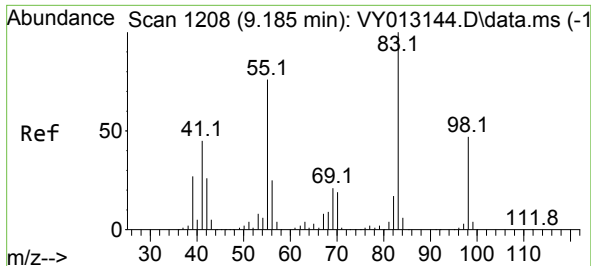
Tgt Ion: 43 Resp: 55943
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.858 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 117 Resp: 98124
Ion Ratio Lower Upper
117 100
119 97.6 77.2 115.8
121 29.0 24.7 37.1





#39

Methylcyclohexane

Concen: 46.072 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

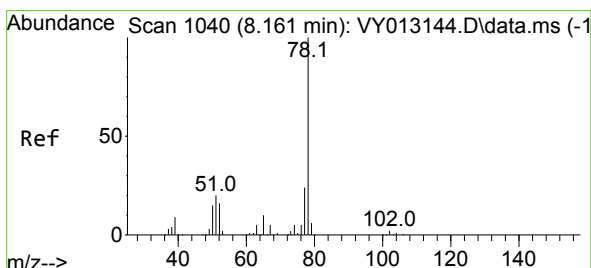
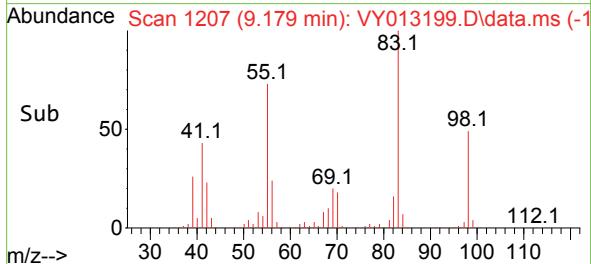
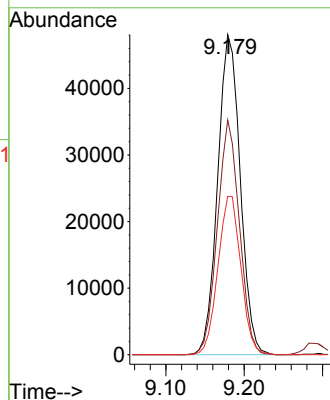
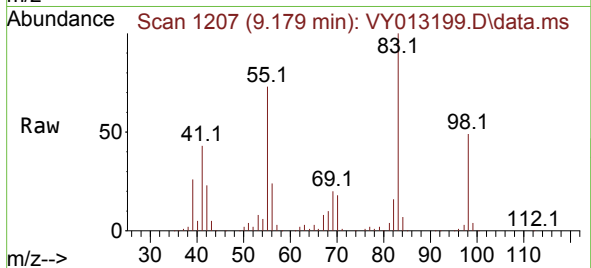
Tgt Ion: 83 Resp: 96409

Ion Ratio Lower Upper

83 100

55 73.4 60.0 90.0

98 49.5 38.3 57.5



#40

Benzene

Concen: 47.627 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013199.D

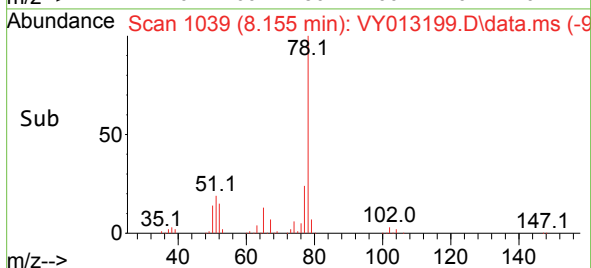
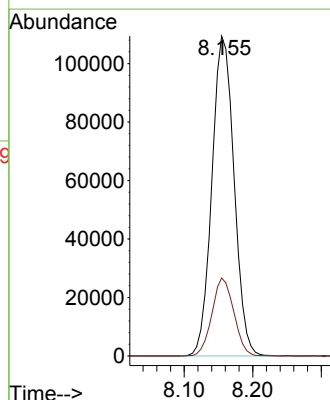
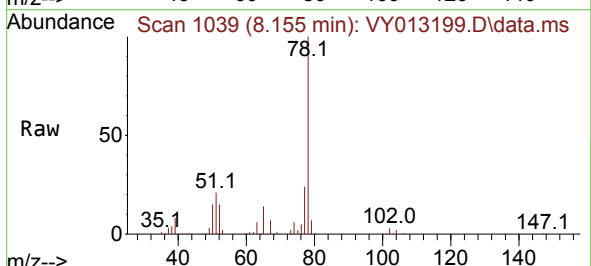
Acq: 04 Apr 2023 19:01

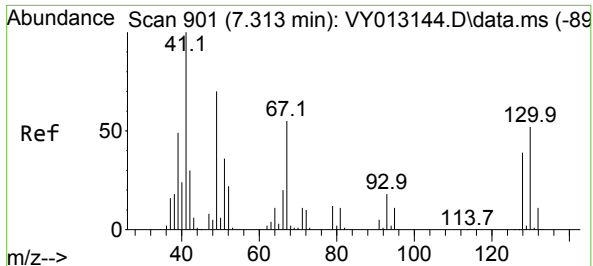
Tgt Ion: 78 Resp: 245364

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

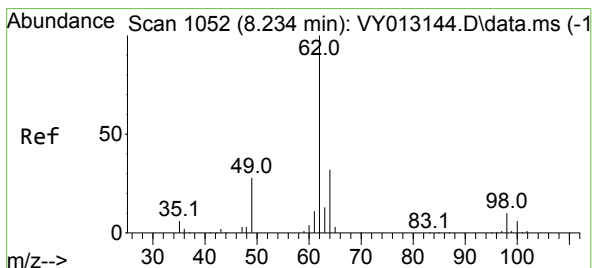
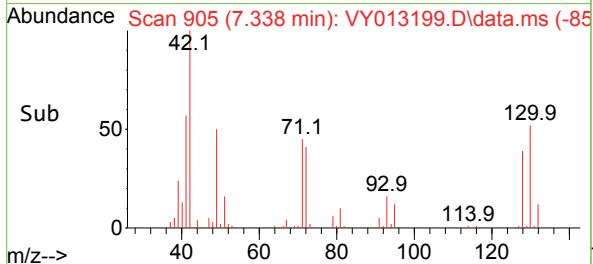
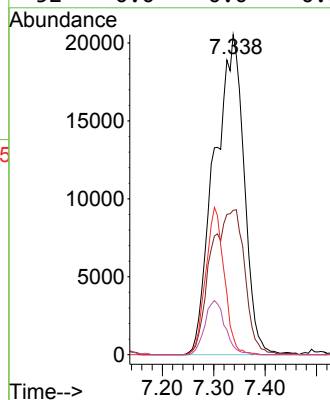
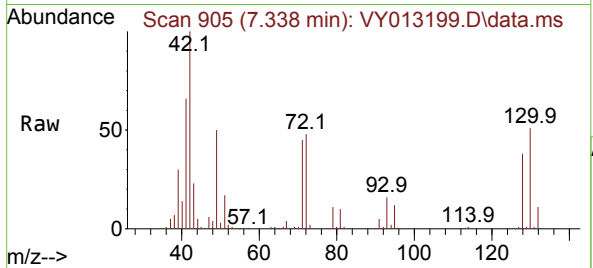




#41
Methacrylonitrile
Concen: 183.370 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

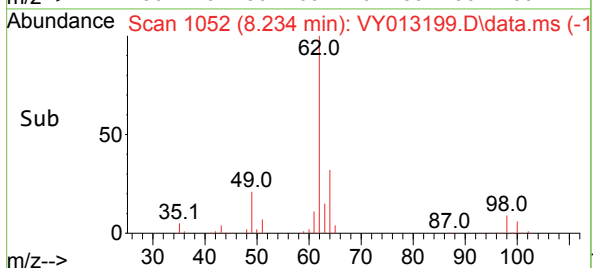
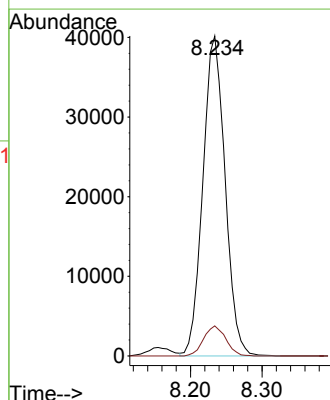
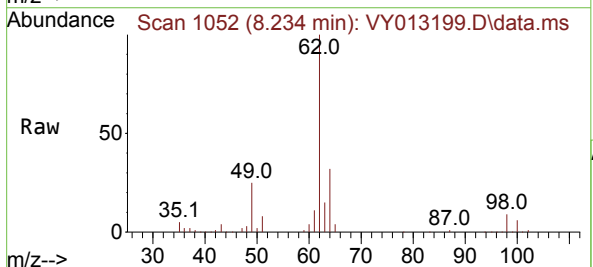
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

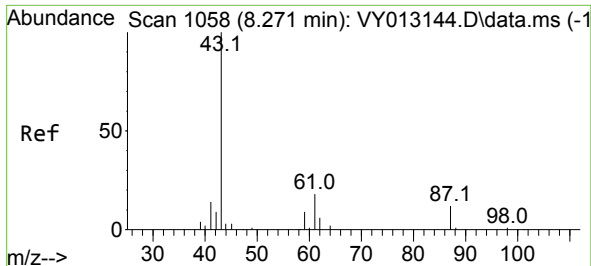
Tgt Ion: 41 Resp: 82426
Ion Ratio Lower Upper
41 100
39 51.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.999 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 62 Resp: 86810
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.8

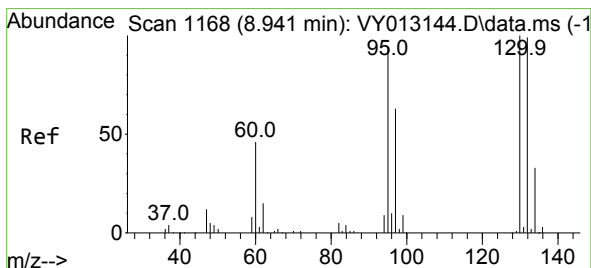
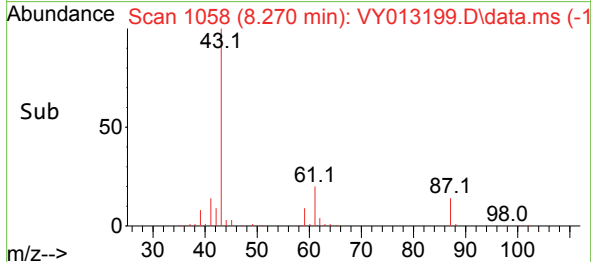
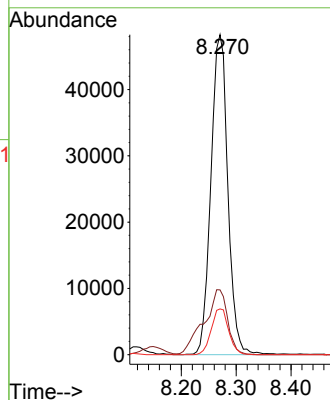
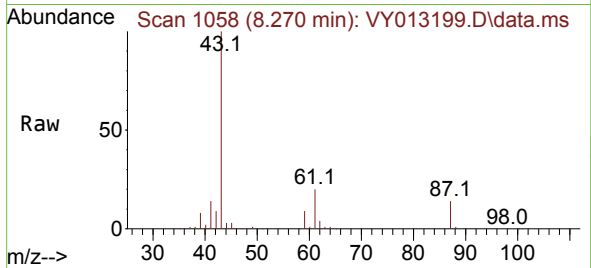




#43
Isopropyl Acetate
Concen: 57.076 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

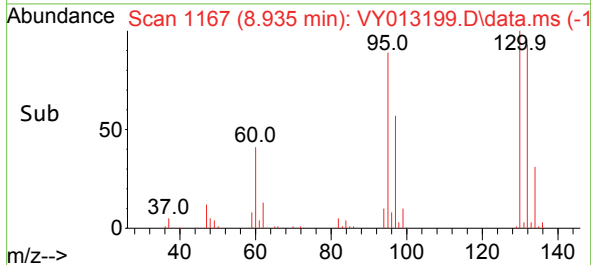
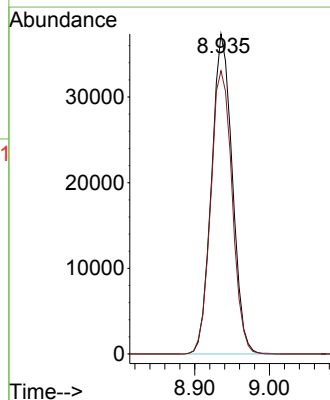
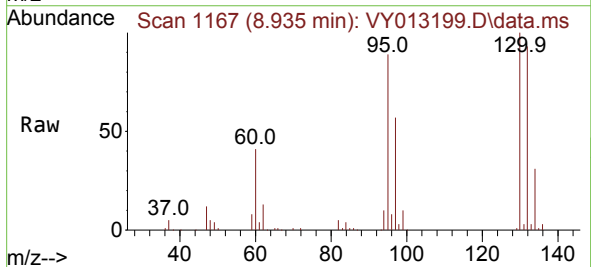
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

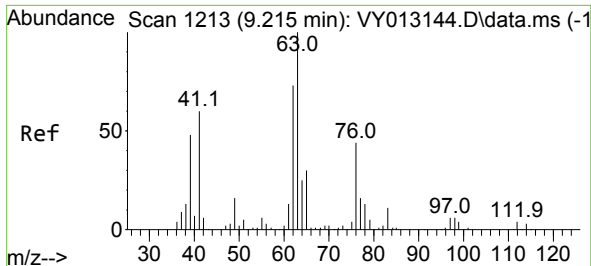
Tgt Ion: 43 Resp: 103518
Ion Ratio Lower Upper
43 100
61 28.5 21.6 32.4
87 14.7 9.9 14.9



#44
Trichloroethene
Concen: 50.806 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion:130 Resp: 72053
Ion Ratio Lower Upper
130 100
95 88.5 0.0 185.0

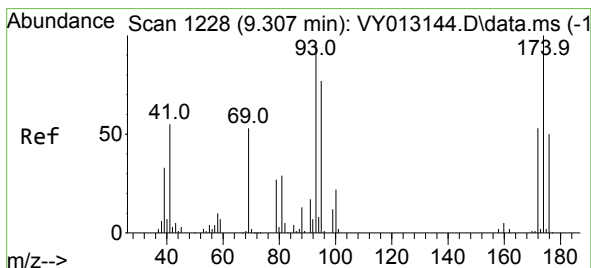
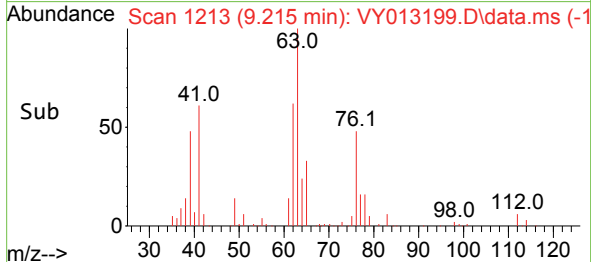
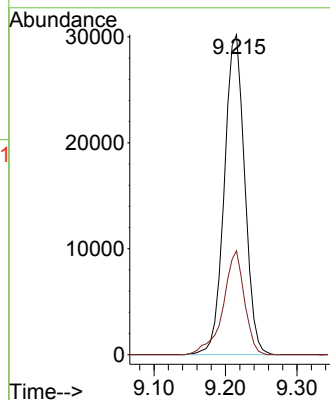
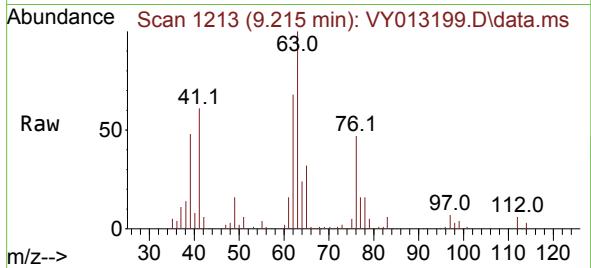




#45
1,2-Dichloropropane
Concen: 46.305 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

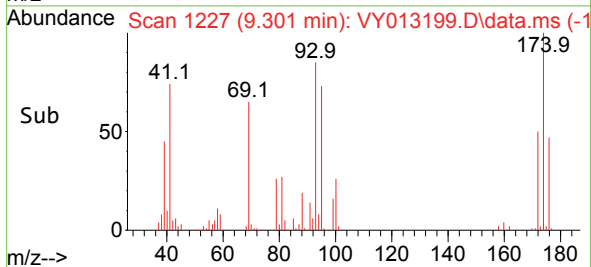
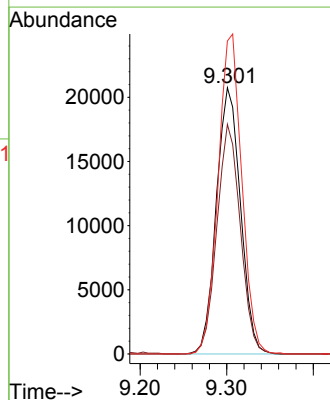
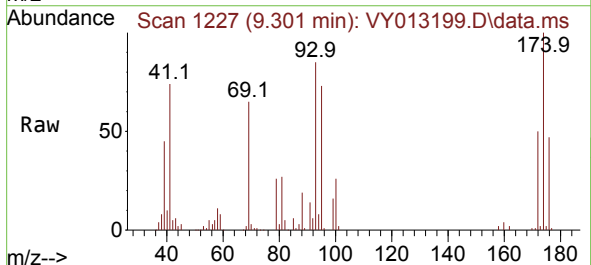
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

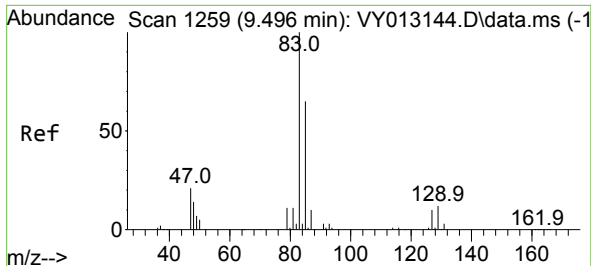
Tgt Ion: 63 Resp: 59735
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5



#46
Dibromomethane
Concen: 54.159 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 93 Resp: 40136
Ion Ratio Lower Upper
93 100
95 83.8 65.6 98.4
174 117.9 81.3 121.9

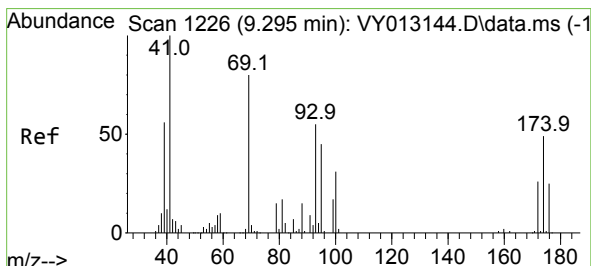
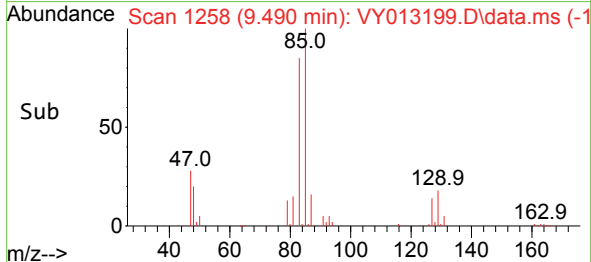
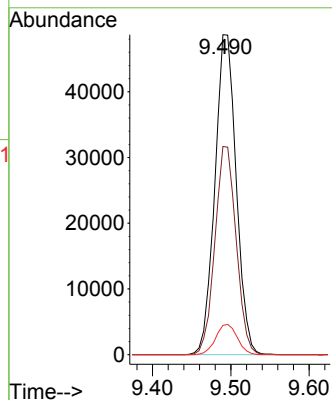
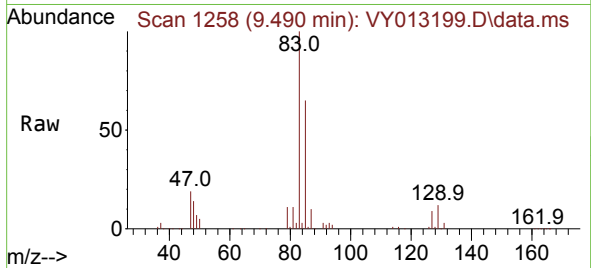




#47
Bromodichloromethane
Concen: 51.567 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

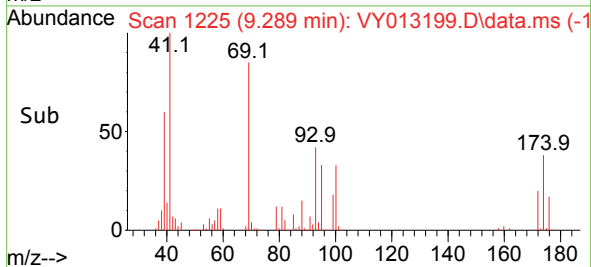
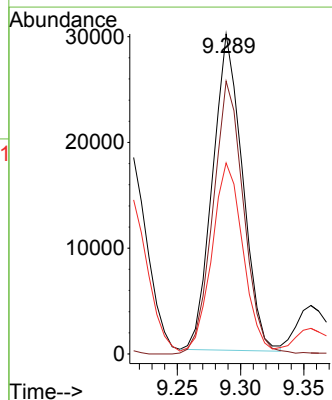
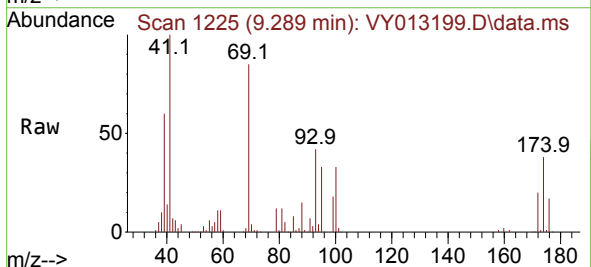
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

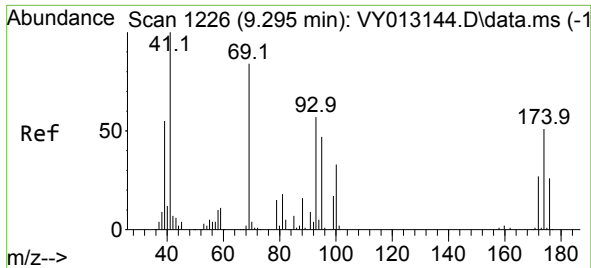
Tgt Ion: 83 Resp: 92209
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 58.325 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 41 Resp: 49266
Ion Ratio Lower Upper
41 100
69 88.2 64.1 96.1
39 62.6 44.0 66.0





#49

1,4-Dioxane

Concen: 1479.657 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

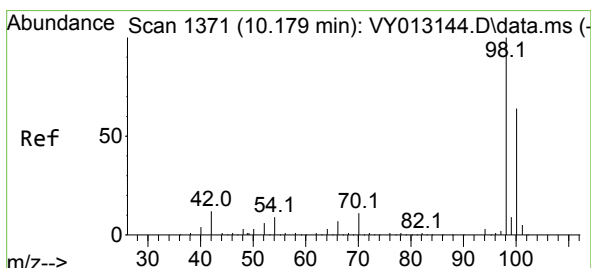
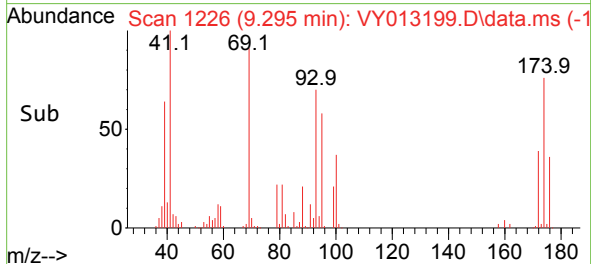
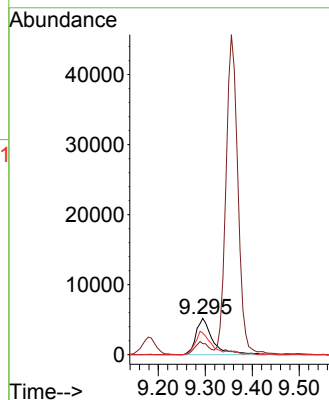
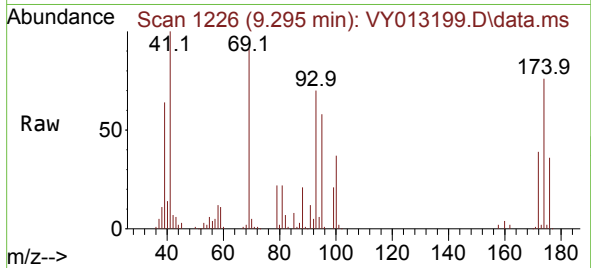
Tgt Ion: 88 Resp: 13045

Ion Ratio Lower Upper

88 100

43 29.7 28.6 42.8

58 56.6 55.2 82.8



#50

Toluene-d8

Concen: 49.007 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013199.D

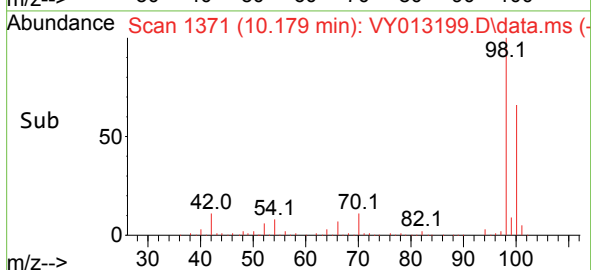
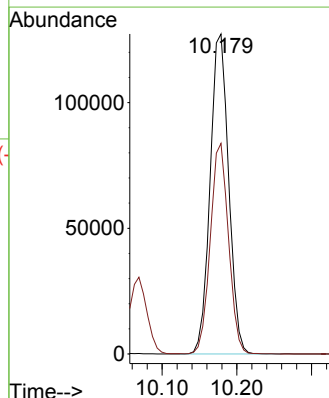
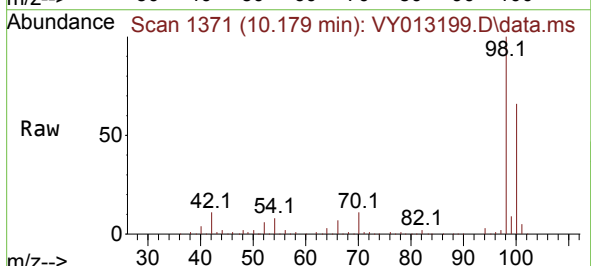
Acq: 04 Apr 2023 19:01

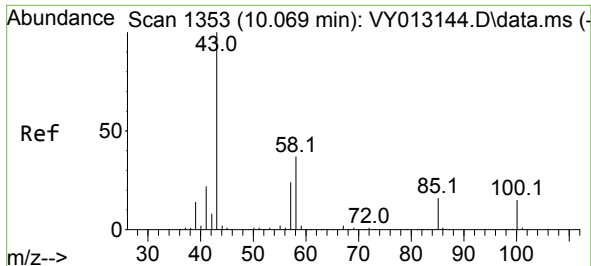
Tgt Ion: 98 Resp: 219205

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3

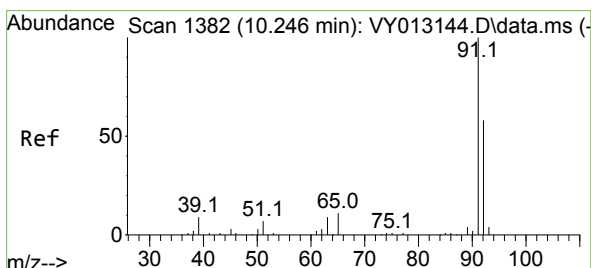
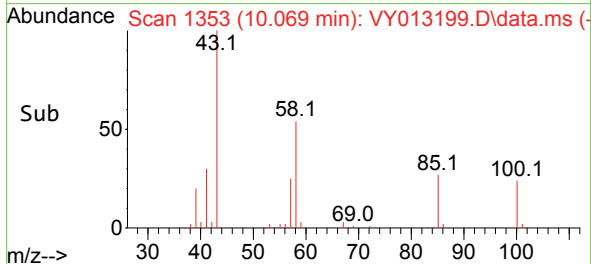
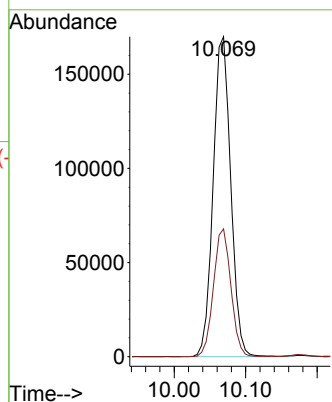
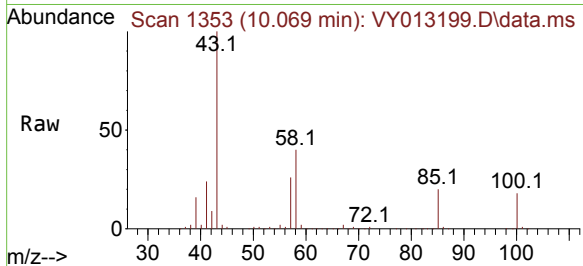




#51
4-Methyl-2-Pentanone
Concen: 296.133 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

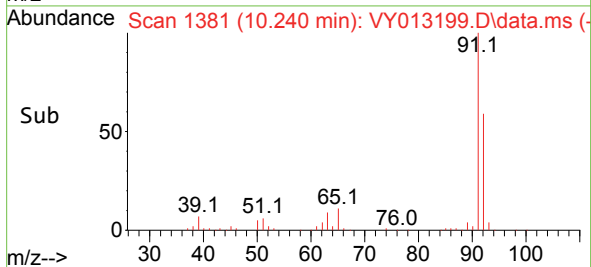
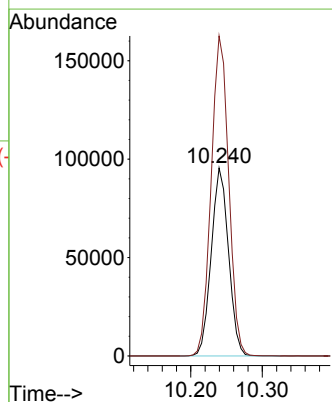
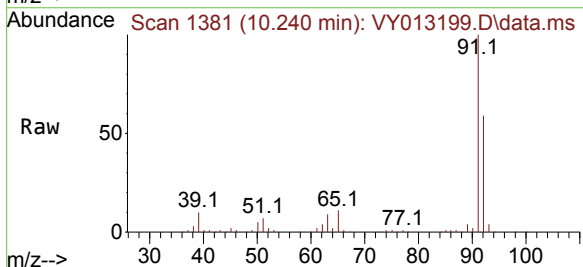
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

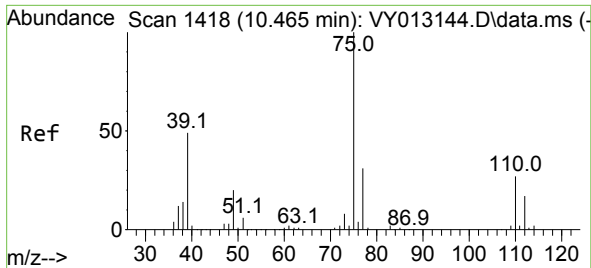
Tgt Ion: 43 Resp: 289864
Ion Ratio Lower Upper
43 100
58 39.7 29.8 44.6



#52
Toluene
Concen: 50.154 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 92 Resp: 160278
Ion Ratio Lower Upper
92 100
91 172.7 141.3 211.9

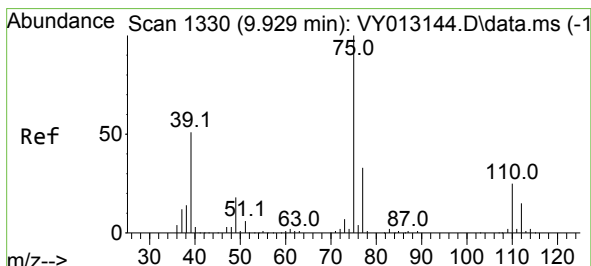
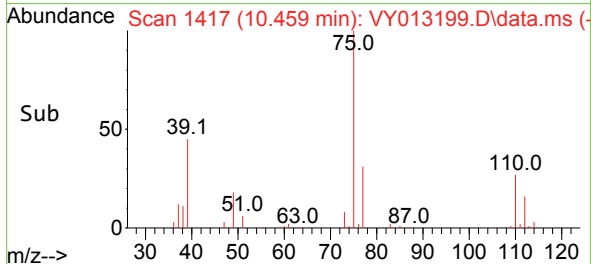
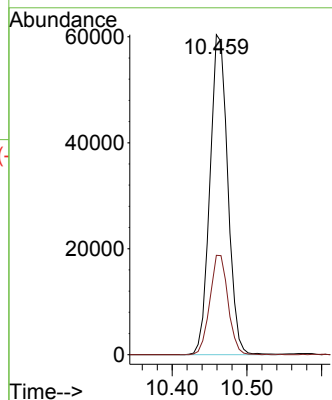
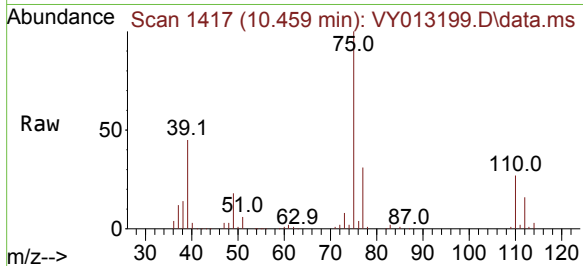




#53
 t-1,3-Dichloropropene
 Concen: 54.803 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013199.D
 Acq: 04 Apr 2023 19:01

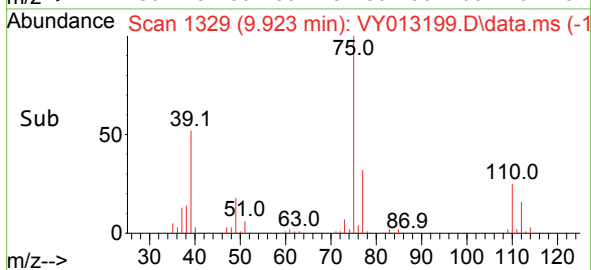
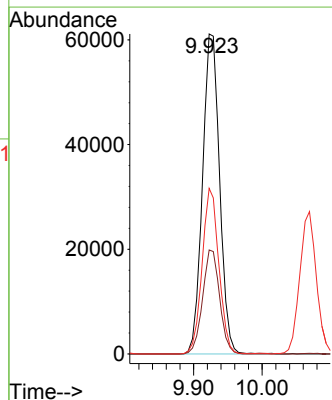
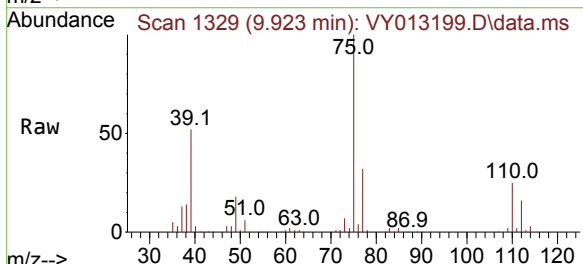
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

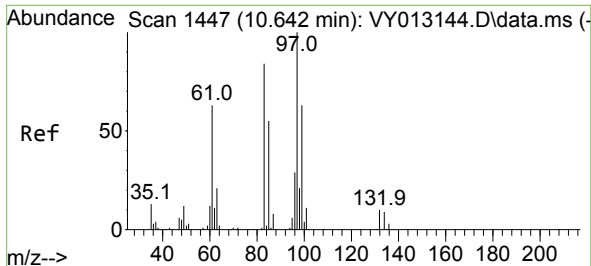
Tgt Ion: 75 Resp: 100164
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.892 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013199.D
 Acq: 04 Apr 2023 19:01

Tgt Ion: 75 Resp: 106232
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 51.7 39.0 58.4

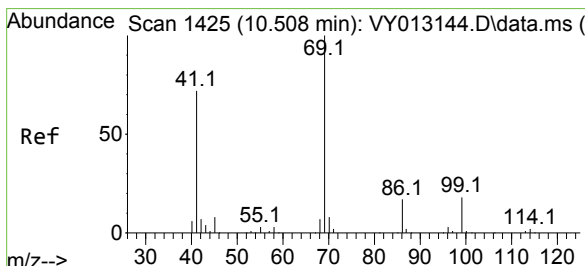
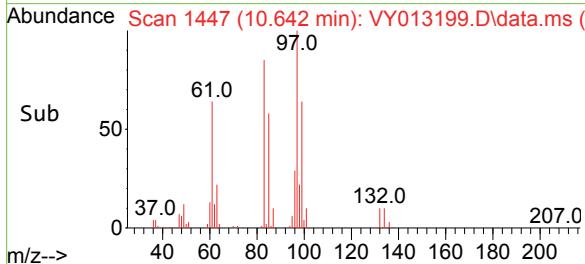
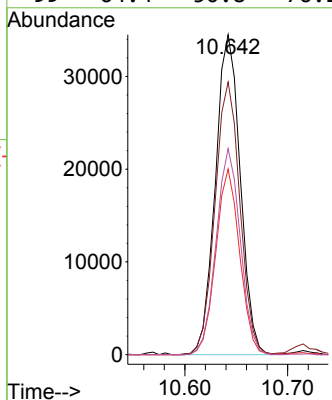
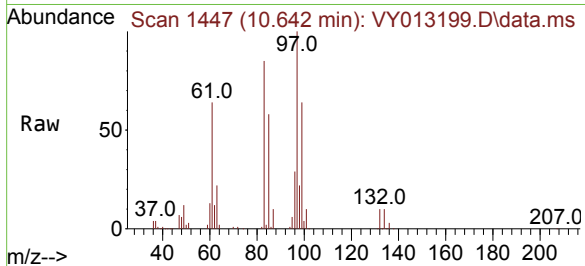




#55
1,1,2-Trichloroethane
Concen: 56.697 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

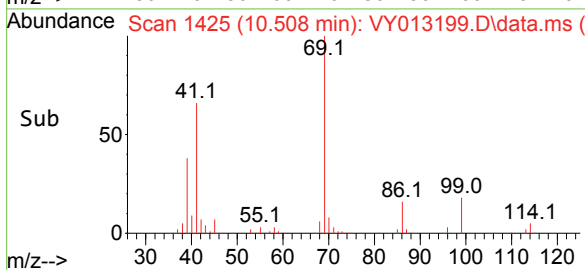
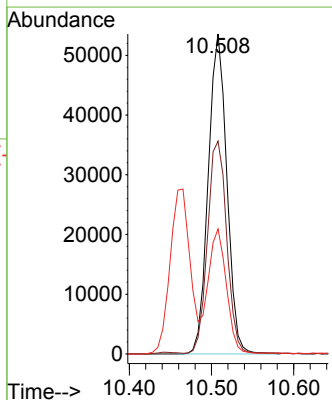
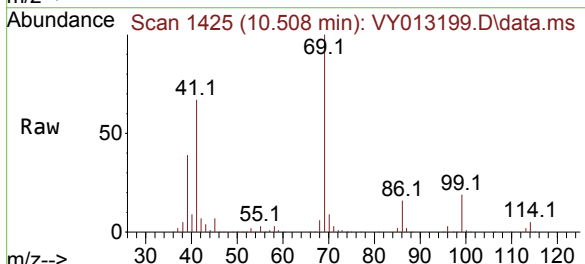
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

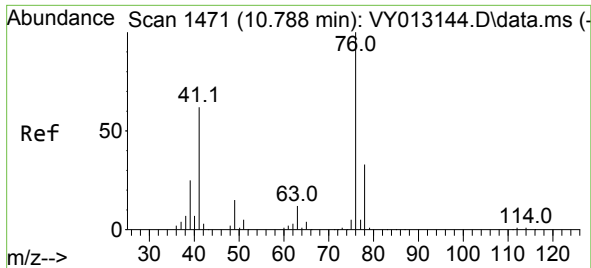
Tgt Ion: 97	Resp: 58080
Ion Ratio	Lower Upper
97 100	
83 85.2	69.0 103.6
85 58.0	44.9 67.3
99 64.4	50.8 76.2



#56
Ethyl methacrylate
Concen: 65.365 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 69	Resp: 84188
Ion Ratio	Lower Upper
69 100	
41 68.3	56.4 84.6
39 38.4	30.8 46.2

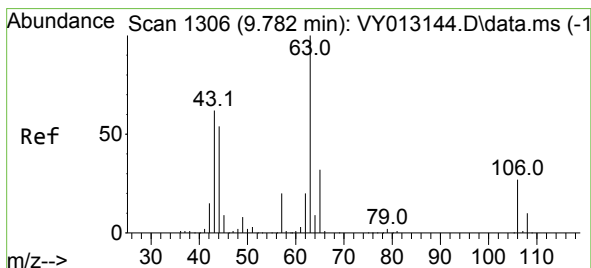
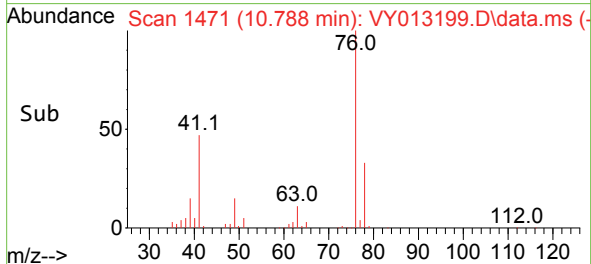
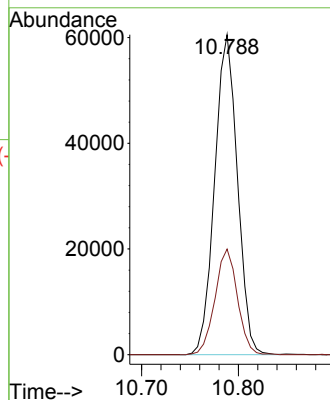
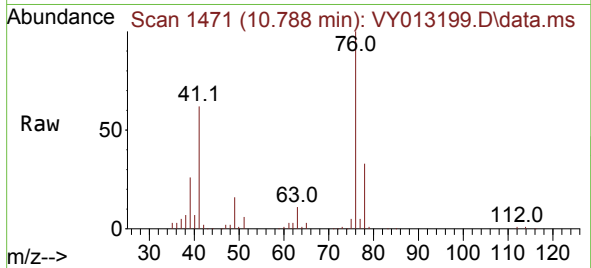




#57
1,3-Dichloropropane
Concen: 57.090 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

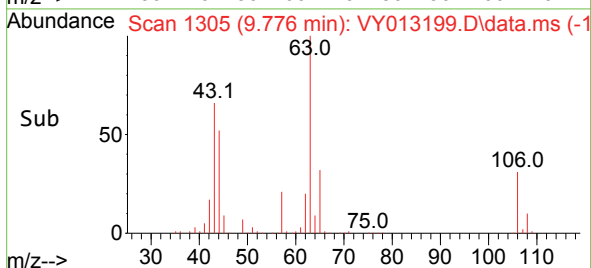
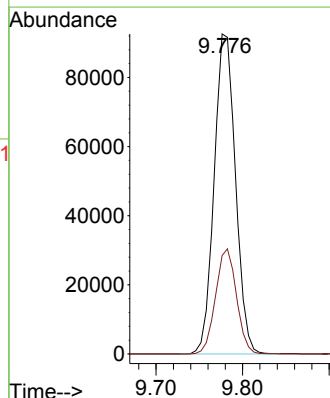
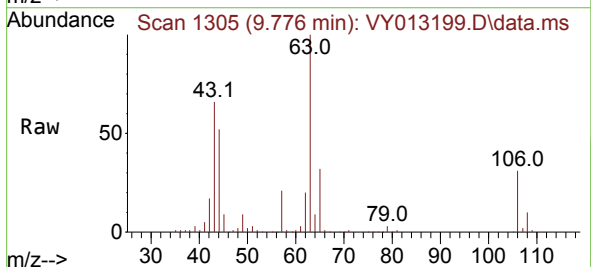
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

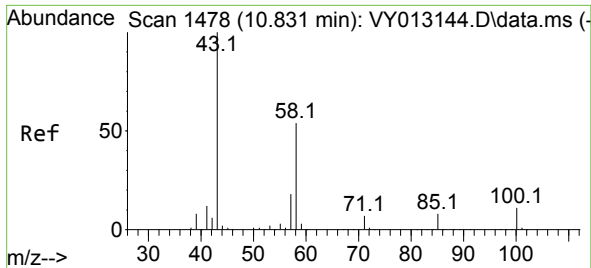
Tgt Ion: 76 Resp: 98727
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 262.945 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 63 Resp: 158353
Ion Ratio Lower Upper
63 100
106 32.2 22.1 33.1

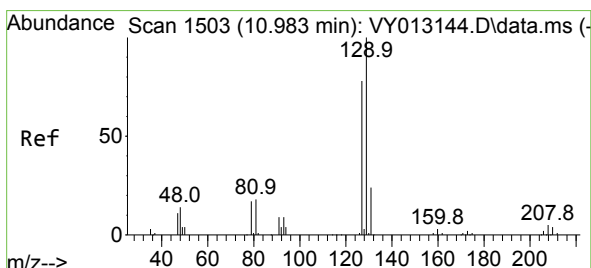
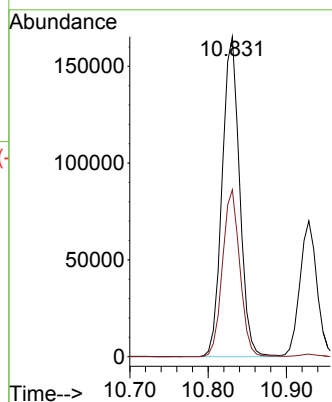
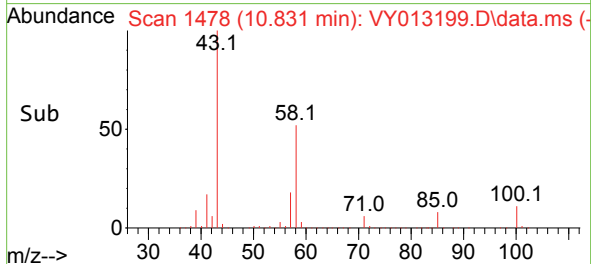
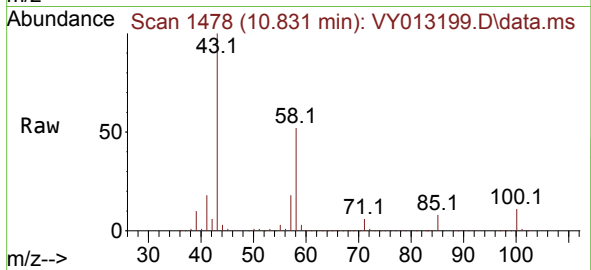




#59
2-Hexanone
Concen: 362.176 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

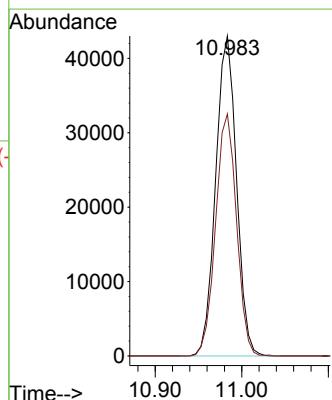
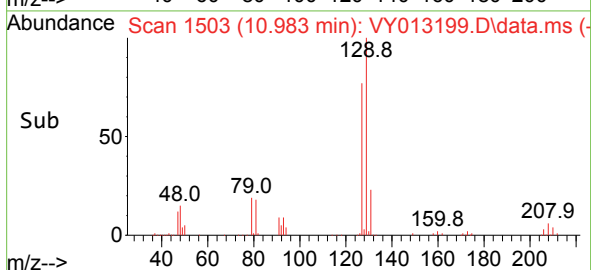
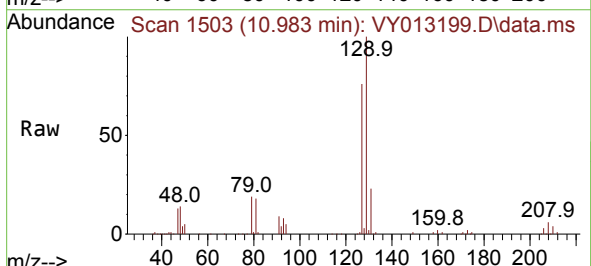
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

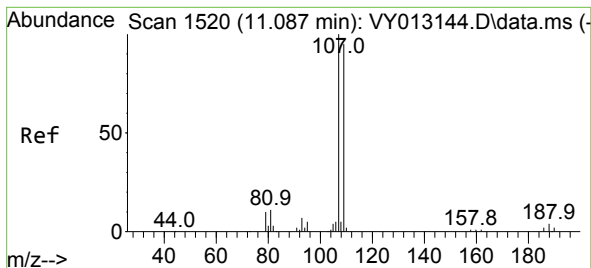
Tgt Ion: 43 Resp: 256389
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 55.820 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 129 Resp: 71819
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1

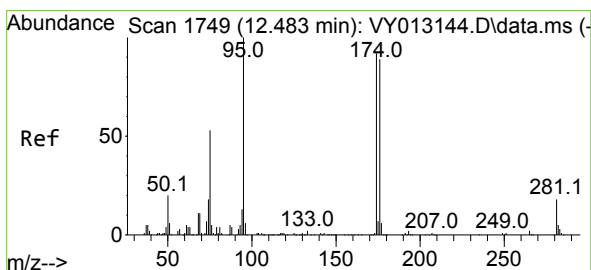
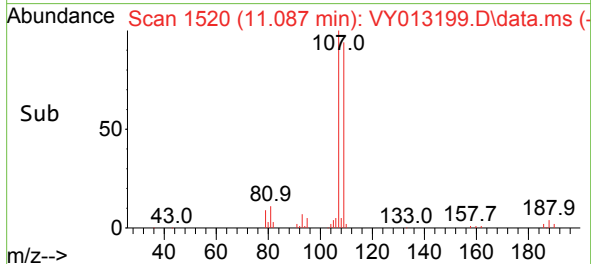
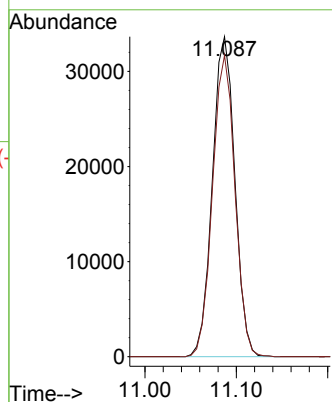
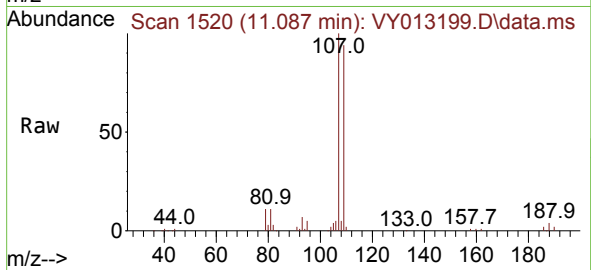




#61
1,2-Dibromoethane
Concen: 57.831 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

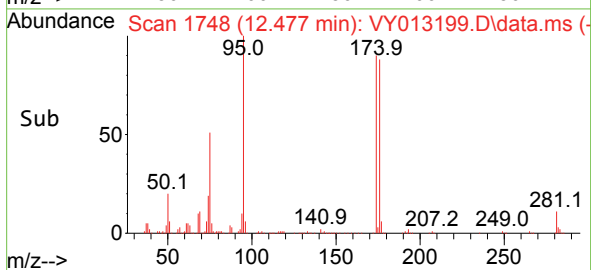
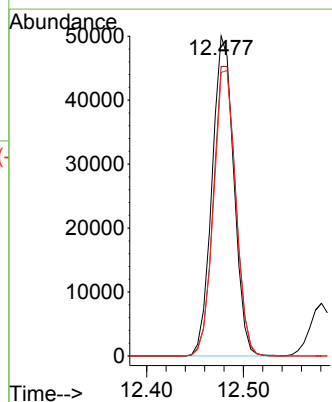
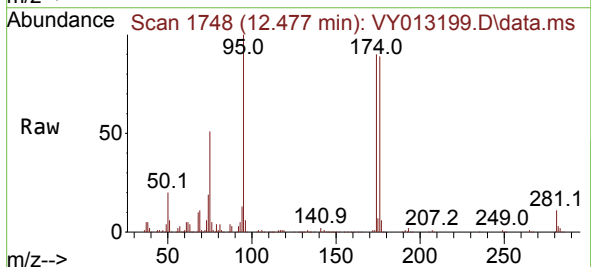
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

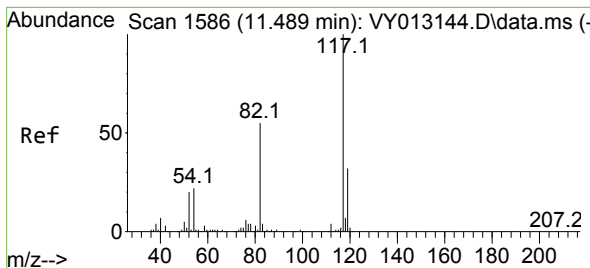
Tgt Ion:107 Resp: 57399
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 53.796 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 95 Resp: 78324
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.6
176 90.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

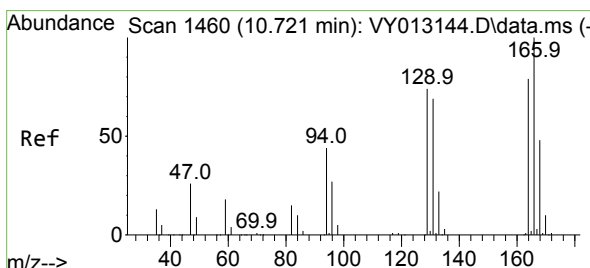
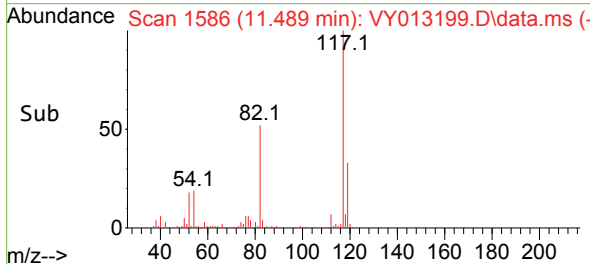
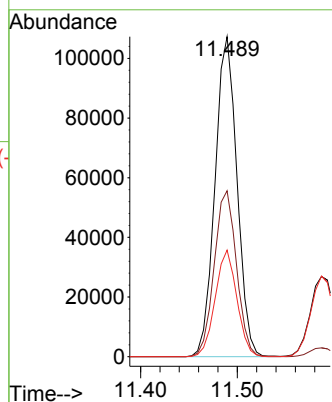
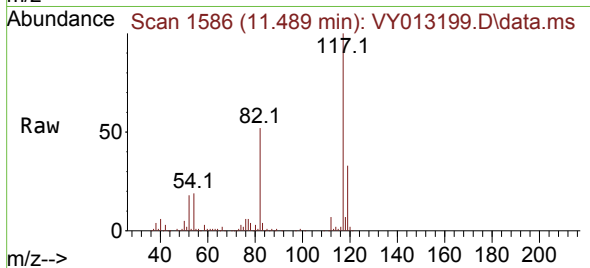
Tgt Ion:117 Resp: 169365

Ion Ratio Lower Upper

117 100

82 51.8 45.4 68.0

119 33.3 25.6 38.4



#64

Tetrachloroethene

Concen: 46.759 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Tgt Ion:164 Resp: 60882

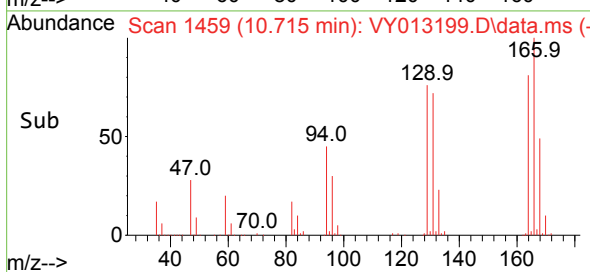
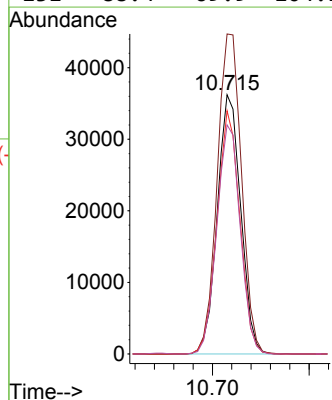
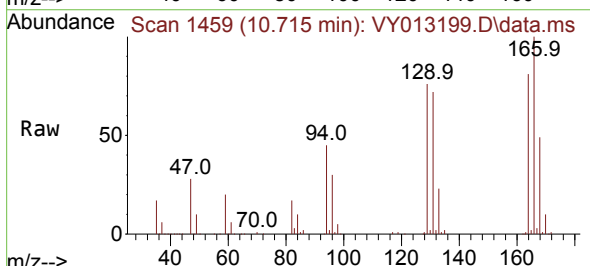
Ion Ratio Lower Upper

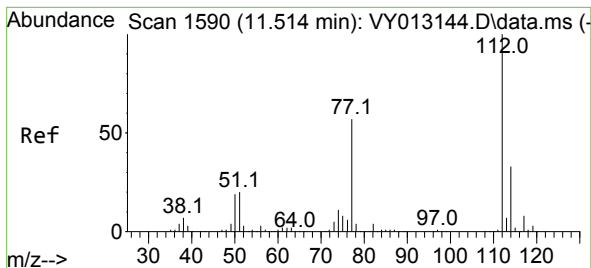
164 100

166 123.5 103.4 155.2

129 93.9 71.4 107.2

131 88.4 69.9 104.9

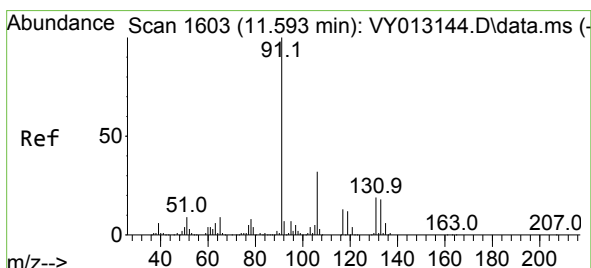
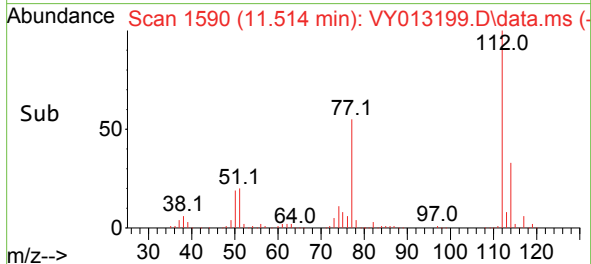
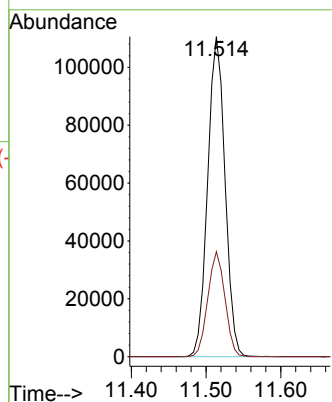
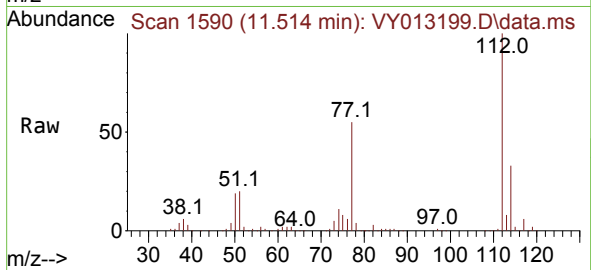




#65
Chlorobenzene
Concen: 49.542 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

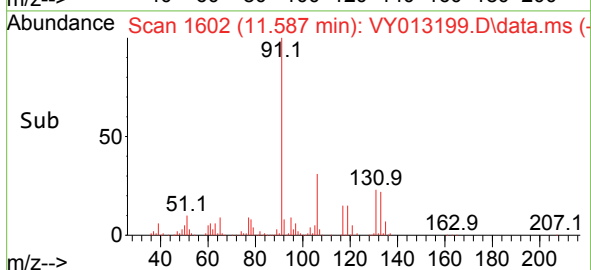
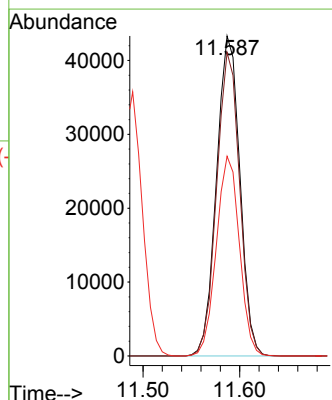
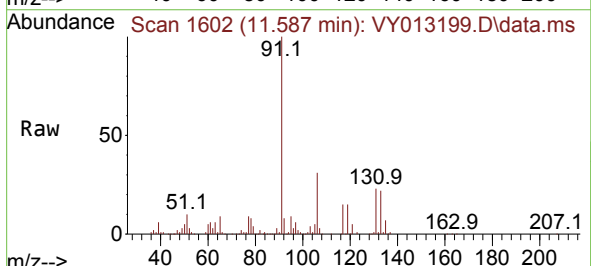
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

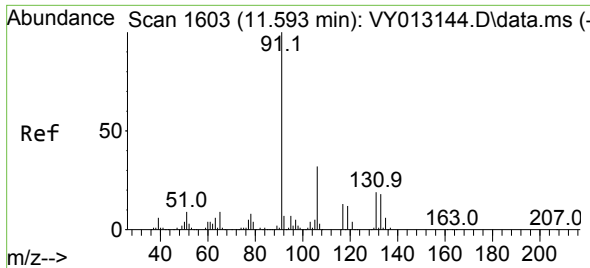
Tgt Ion:112 Resp: 178127
Ion Ratio Lower Upper
112 100
114 32.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.820 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion:131 Resp: 72546
Ion Ratio Lower Upper
131 100
133 93.4 48.0 144.0
119 61.7 32.6 98.0

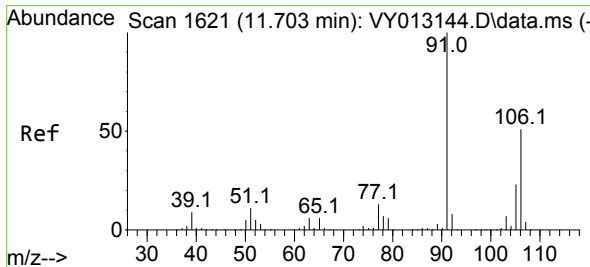
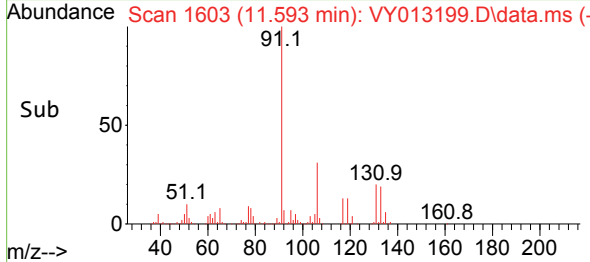
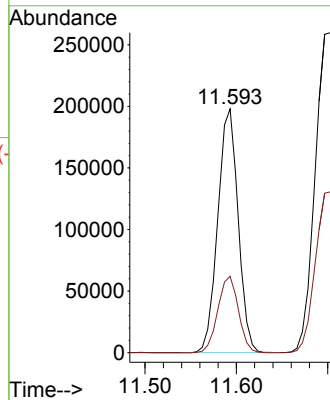
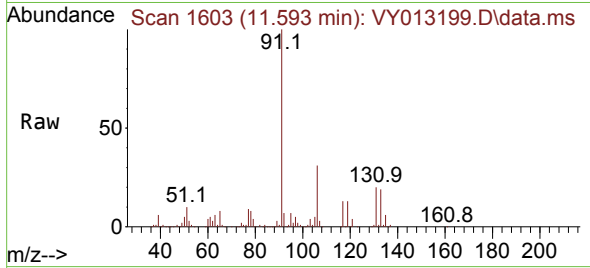




#67
Ethyl Benzene
Concen: 49.357 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

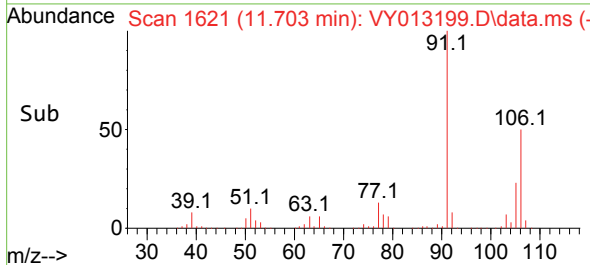
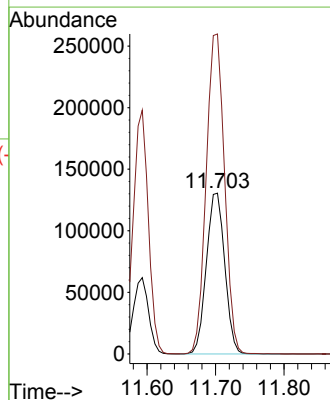
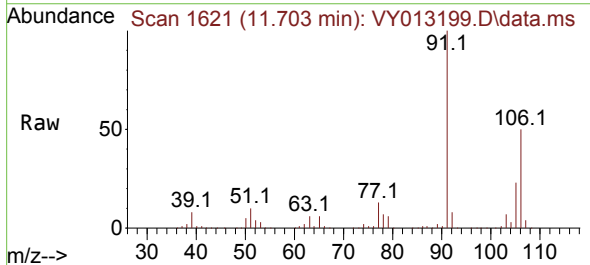
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

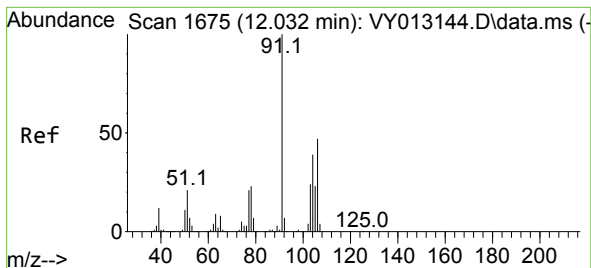
Tgt Ion: 91 Resp: 306502
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 101.432 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion:106 Resp: 243660
Ion Ratio Lower Upper
106 100
91 199.2 159.8 239.8





#69

o-Xylene

Concen: 52.761 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

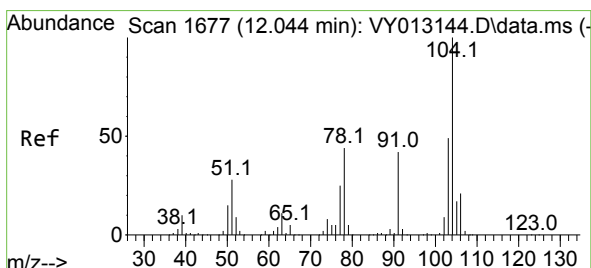
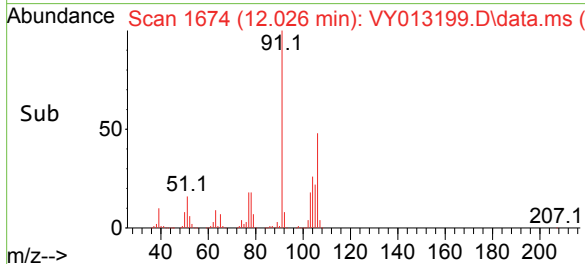
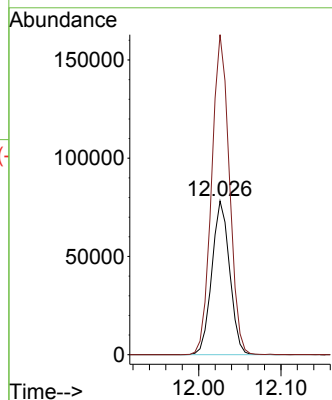
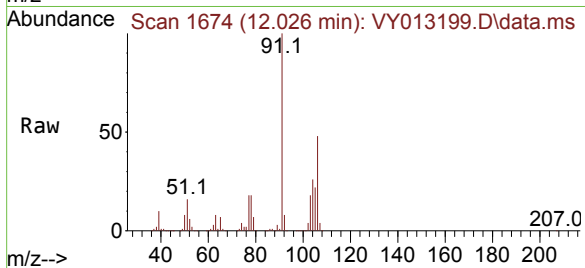
VSTDCCC050EC

Tgt Ion:106 Resp: 117560

Ion Ratio Lower Upper

106 100

91 208.1 107.2 321.6



#70

Styrene

Concen: 54.139 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

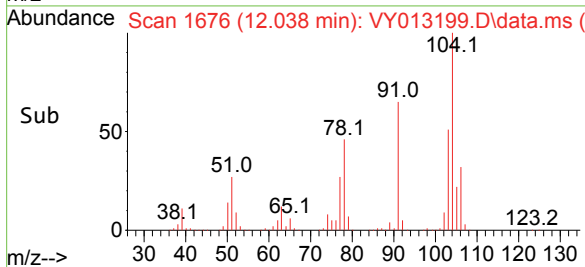
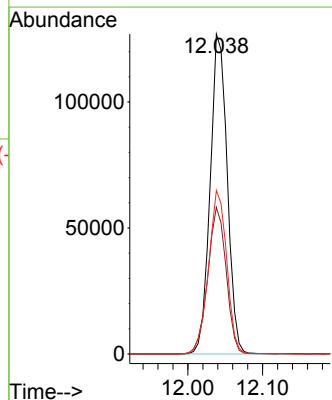
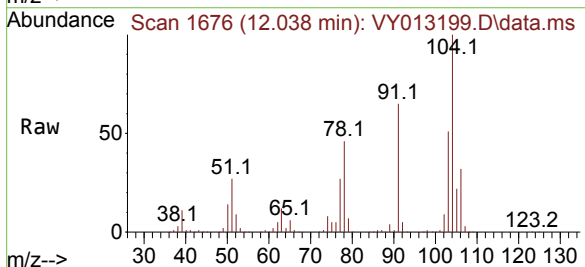
Tgt Ion:104 Resp: 201793

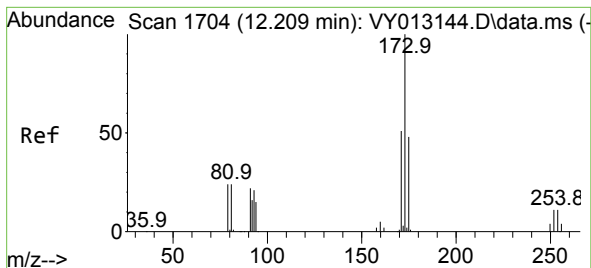
Ion Ratio Lower Upper

104 100

78 49.4 39.2 58.8

103 54.6 43.7 65.5





#71

Bromoform

Concen: 63.704 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

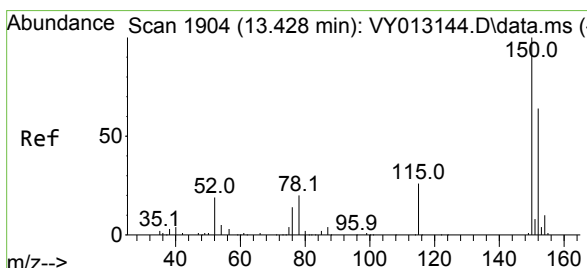
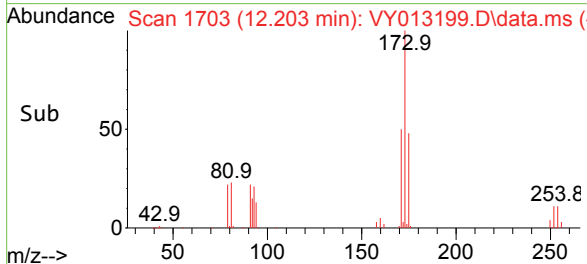
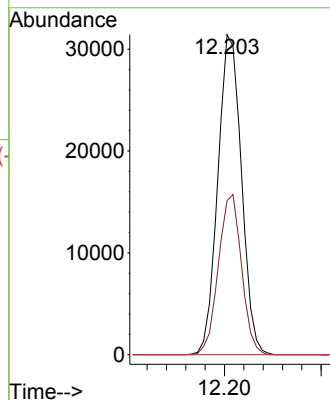
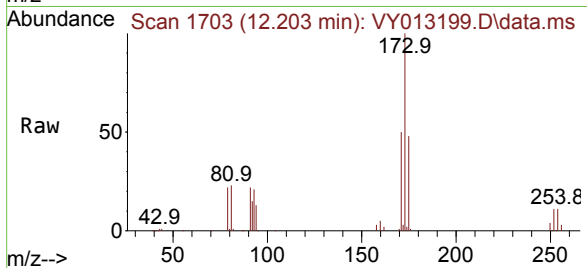
Tgt Ion:173 Resp: 53247

Ion Ratio Lower Upper

173 100

175 49.0 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: VY013199.D

Acq: 04 Apr 2023 19:01

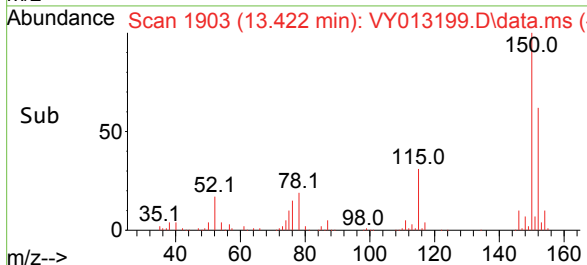
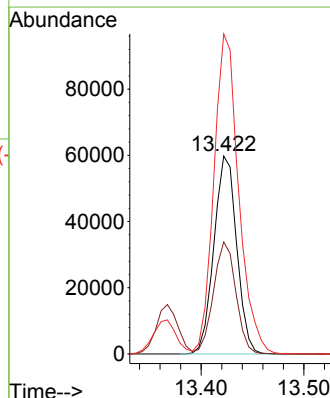
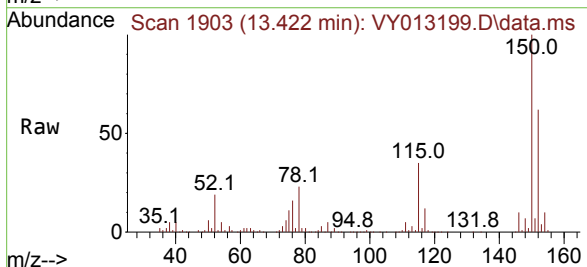
Tgt Ion:152 Resp: 91838

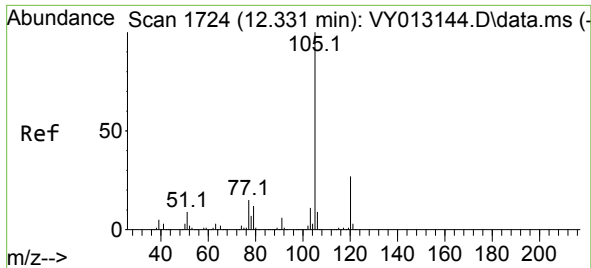
Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 176.2 0.0 347.8

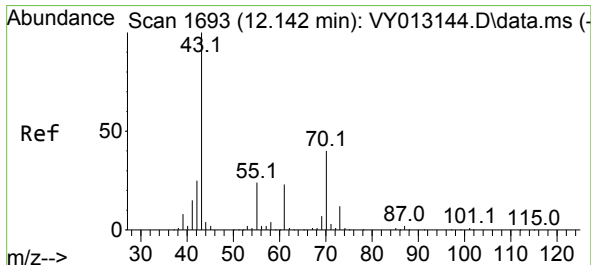
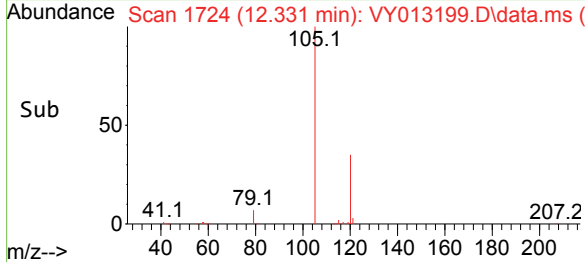
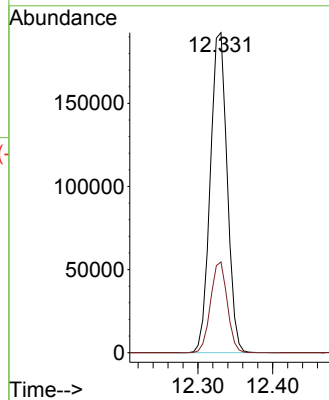
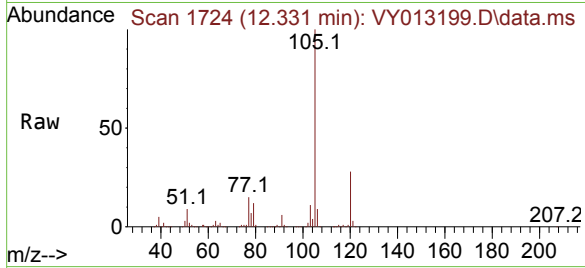




#73
Isopropylbenzene
Concen: 47.695 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

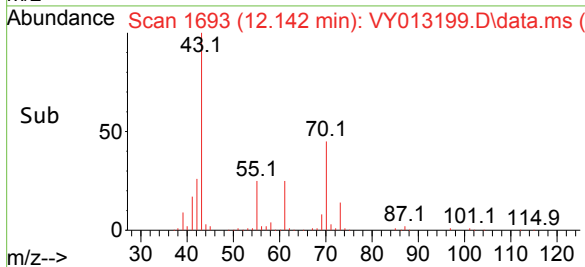
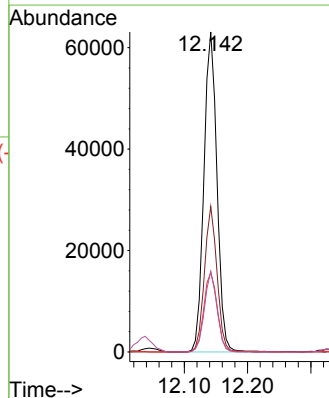
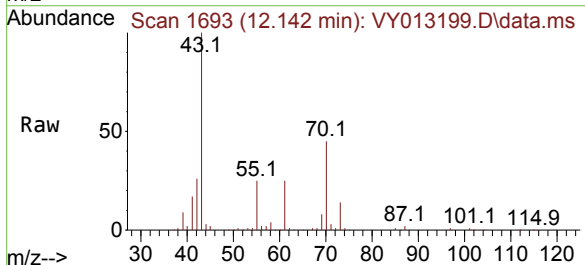
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

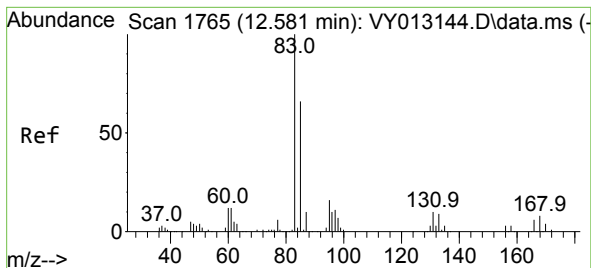
Tgt Ion:105 Resp: 302357
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2



#74
N-ethyl acetate
Concen: 52.297 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 43 Resp: 91027
Ion Ratio Lower Upper
43 100
70 43.9 31.6 47.4
55 25.6 18.8 28.2
61 24.1 17.8 26.8

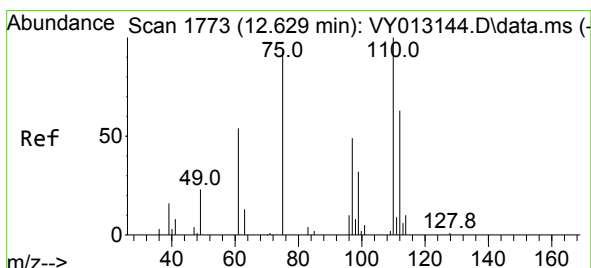
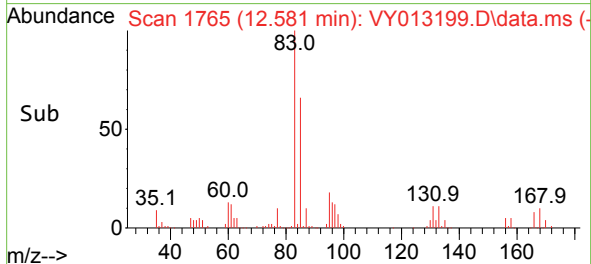
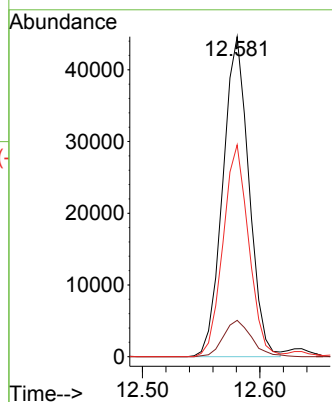
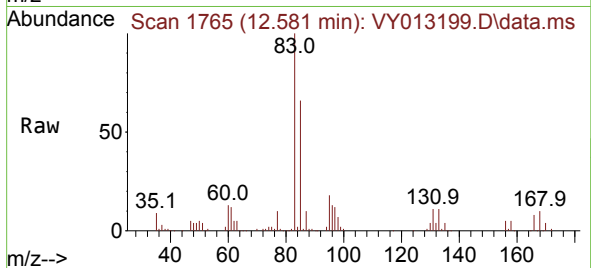




#75
1,1,2,2-Tetrachloroethane
Concen: 51.829 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

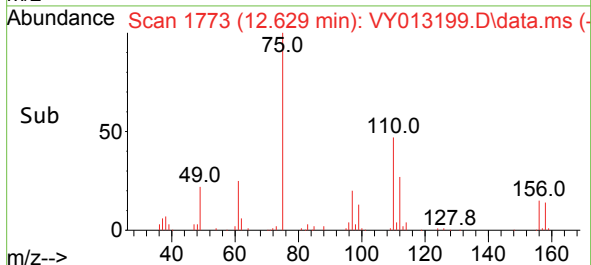
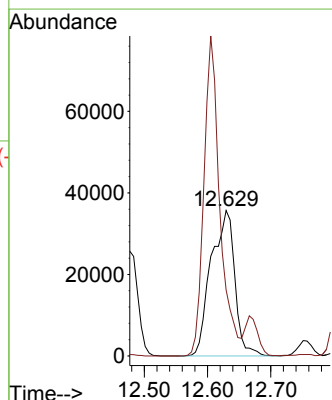
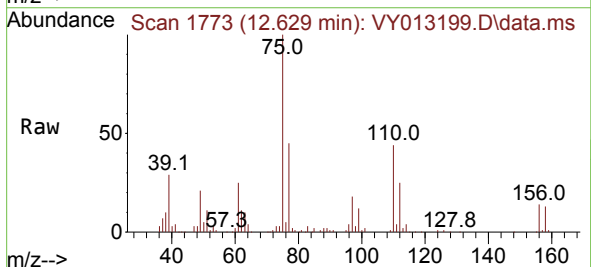
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

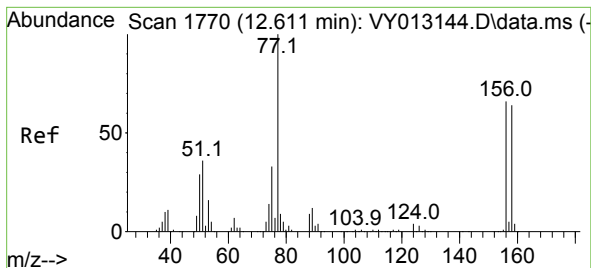
Tgt Ion: 83 Resp: 68823
Ion Ratio Lower Upper
83 100
131 12.2 5.1 15.2
85 65.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 89.999 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 75 Resp: 92852
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.760 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

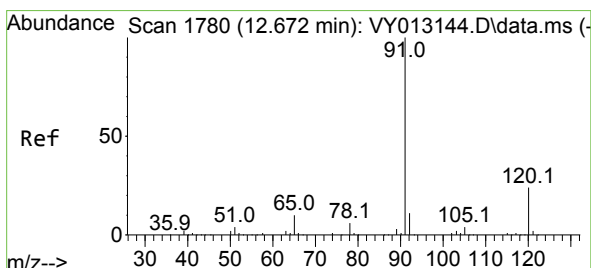
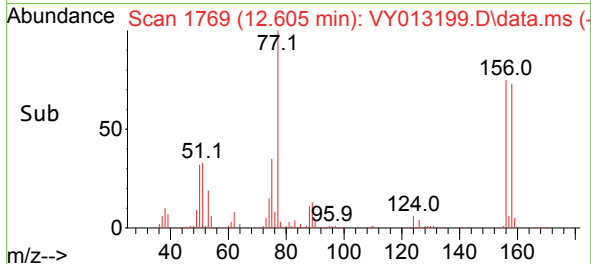
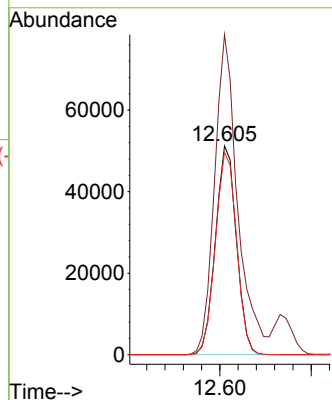
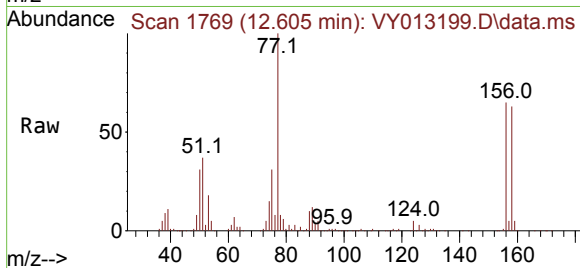
Tgt Ion:156 Resp: 81578

Ion Ratio Lower Upper

156 100

77 169.9 94.0 282.1

158 98.0 48.1 144.4



#78

n-propylbenzene

Concen: 45.879 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013199.D

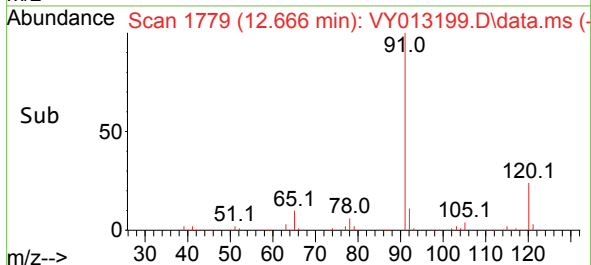
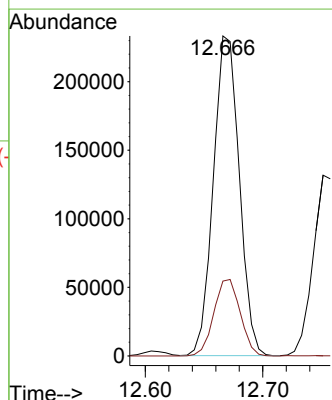
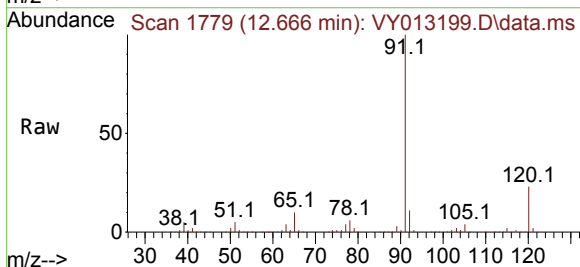
Acq: 04 Apr 2023 19:01

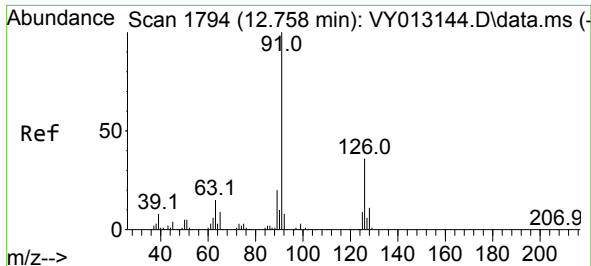
Tgt Ion: 91 Resp: 357606

Ion Ratio Lower Upper

91 100

120 24.3 11.6 34.8

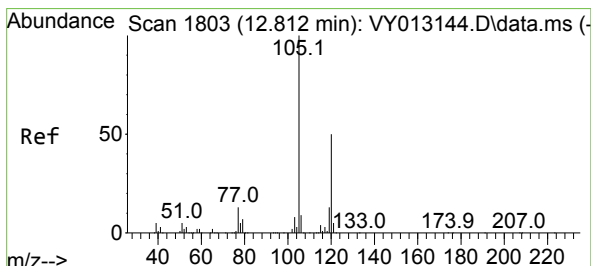
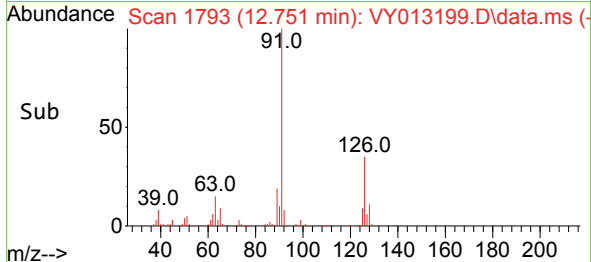
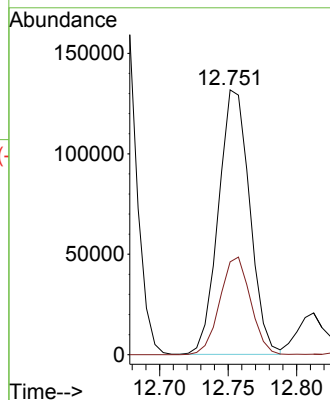
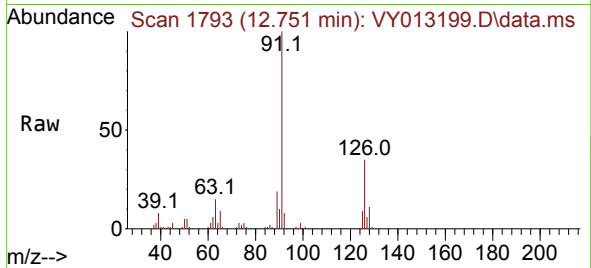




#79
2-Chlorotoluene
Concen: 47.385 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

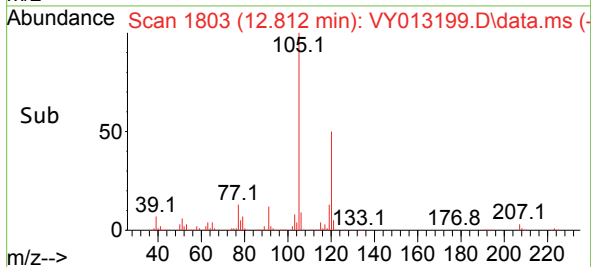
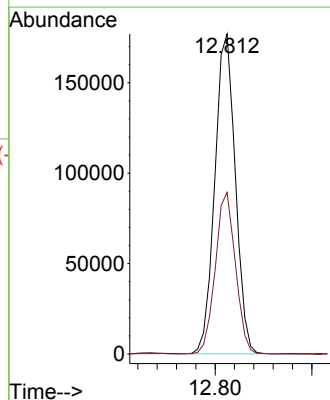
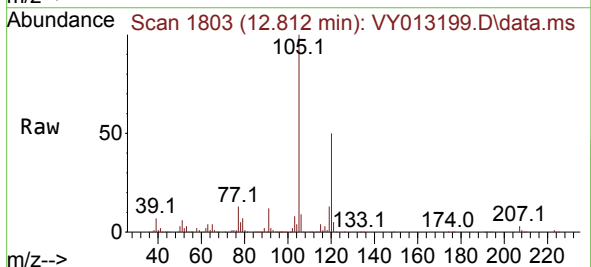
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

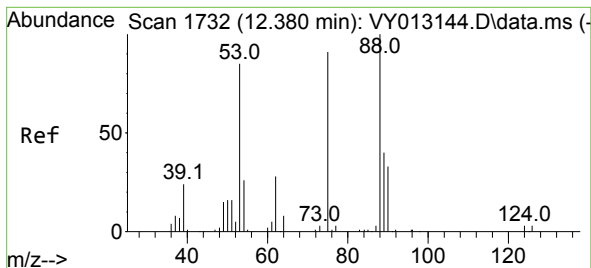
Tgt Ion: 91 Resp: 209584
Ion Ratio Lower Upper
91 100
126 36.2 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 49.065 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion:105 Resp: 260045
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

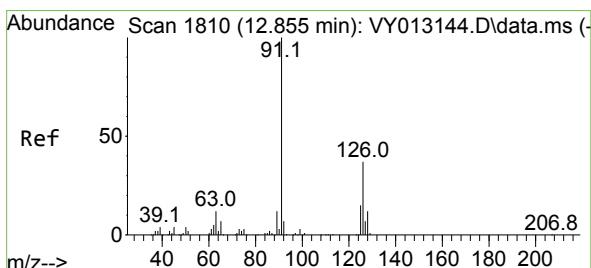
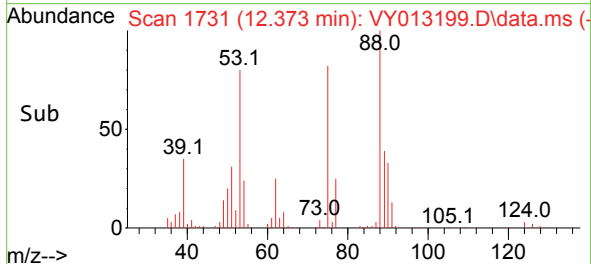
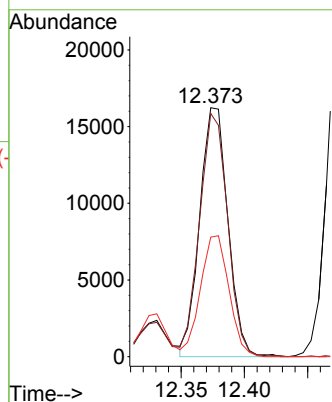
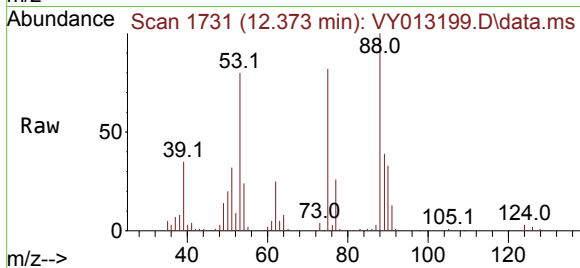




#81
trans-1,4-Dichloro-2-butene
Concen: 54.594 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

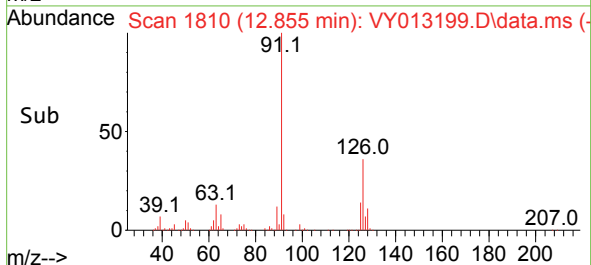
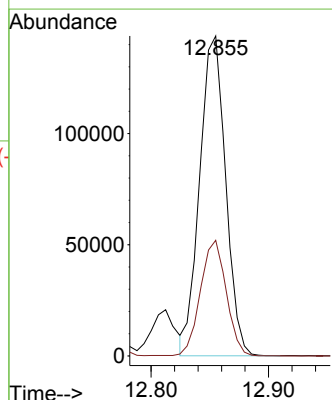
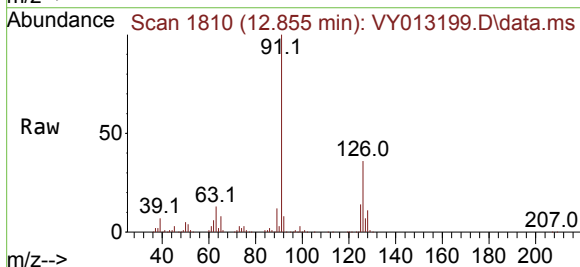
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

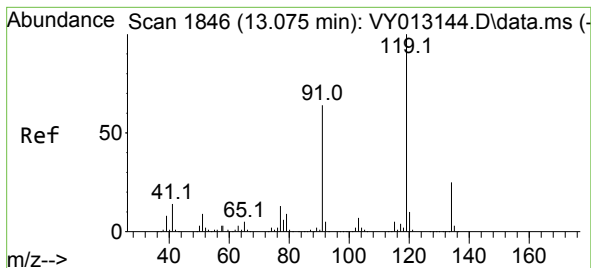
Tgt Ion: 75 Resp: 25256
Ion Ratio Lower Upper
75 100
53 97.0 73.4 110.0
89 49.1 36.6 55.0



#82
4-Chlorotoluene
Concen: 47.966 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 91 Resp: 220797
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1





#83

tert-Butylbenzene

Concen: 50.161 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.001 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

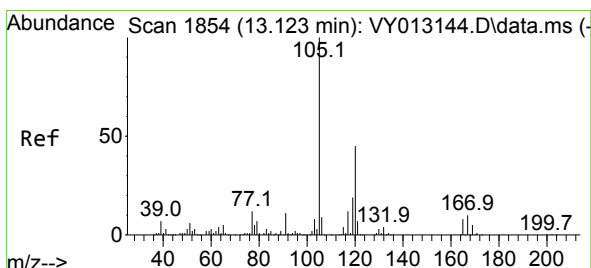
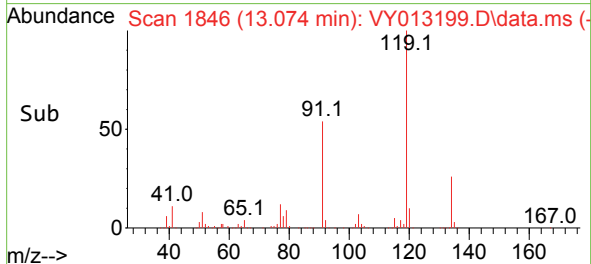
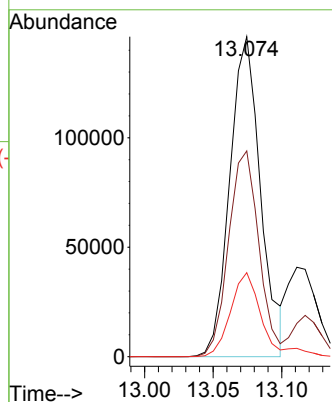
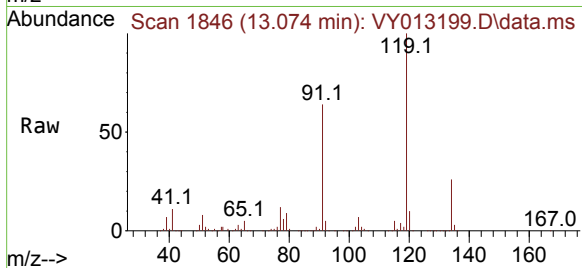
Tgt Ion:119 Resp: 228349

Ion Ratio Lower Upper

119 100

91 63.4 32.8 98.3

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 50.191 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013199.D

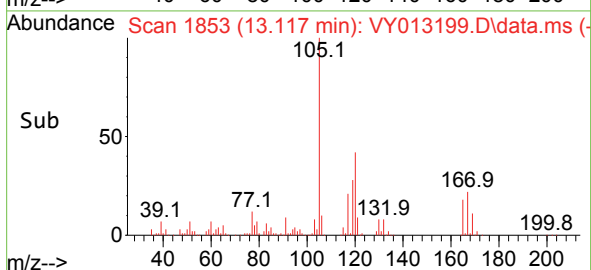
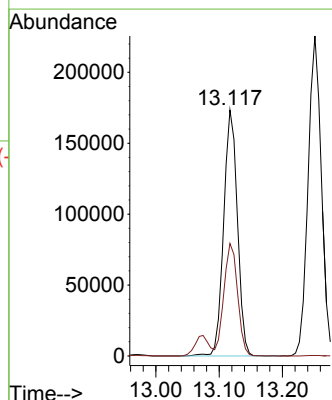
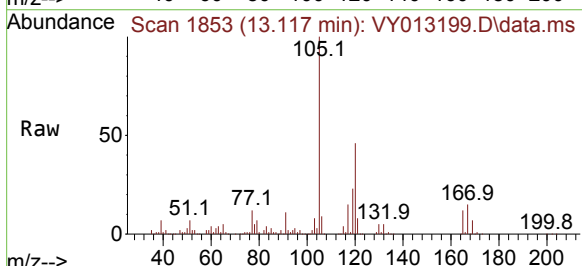
Acq: 04 Apr 2023 19:01

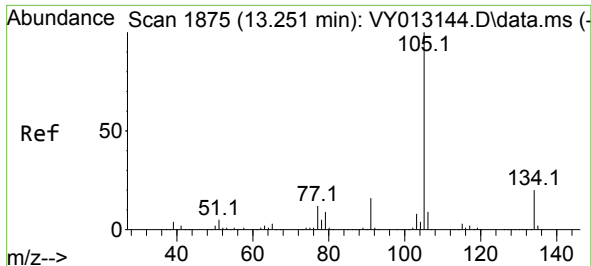
Tgt Ion:105 Resp: 260512

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0

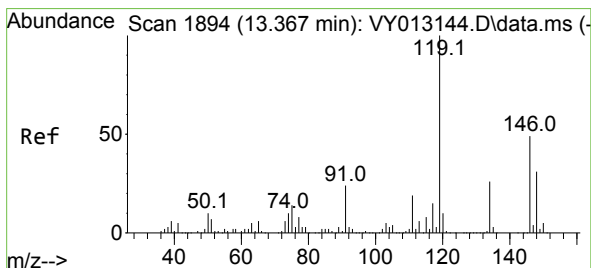
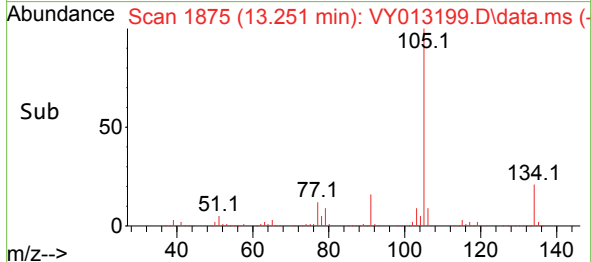
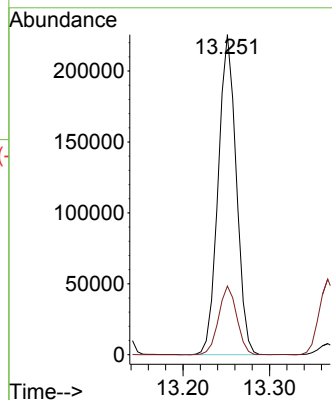
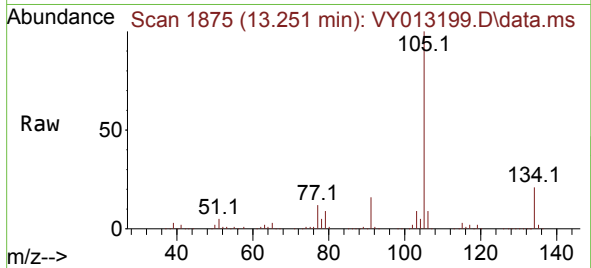




#85
 sec-Butylbenzene
 Concen: 47.647 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013199.D
 Acq: 04 Apr 2023 19:01

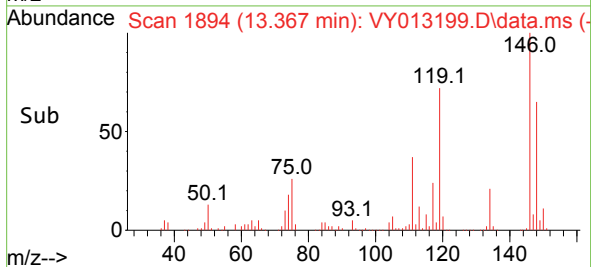
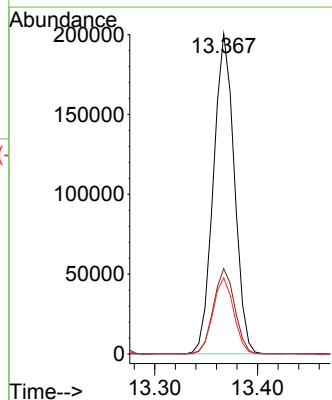
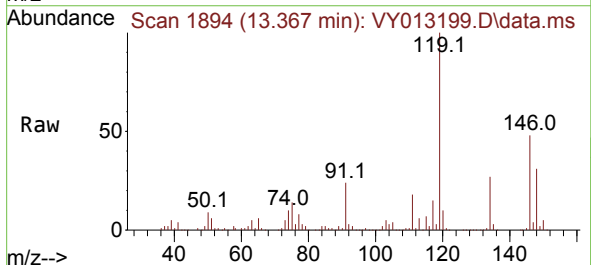
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

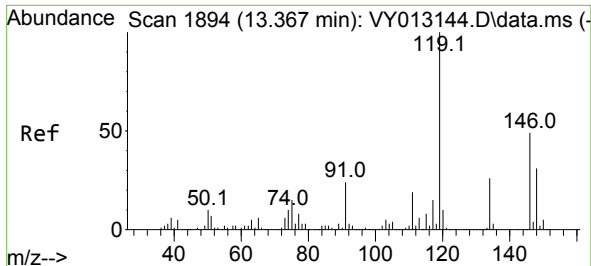
Tgt Ion:105 Resp: 327507
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.872 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013199.D
 Acq: 04 Apr 2023 19:01

Tgt Ion:119 Resp: 282206
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.6
 91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.930 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

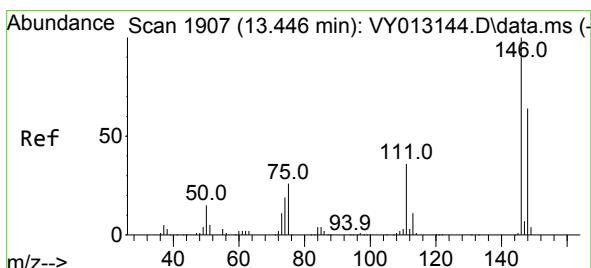
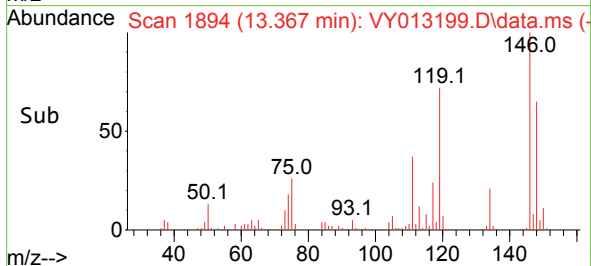
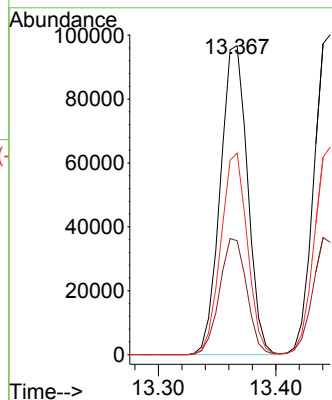
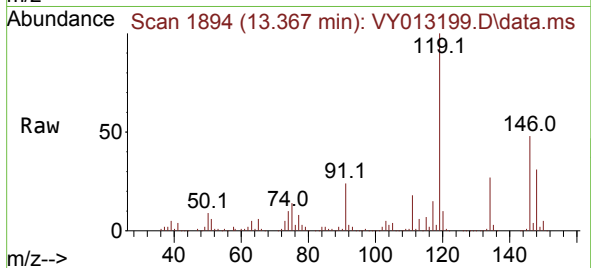
Tgt Ion:146 Resp: 155997

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.090 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

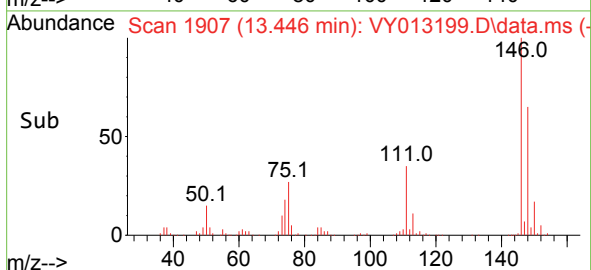
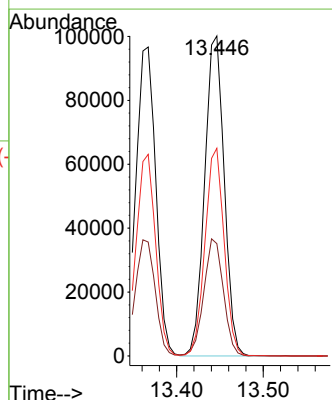
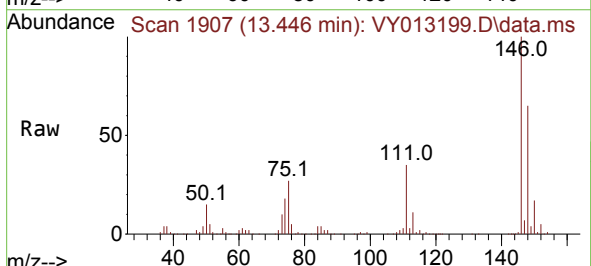
Tgt Ion:146 Resp: 156822

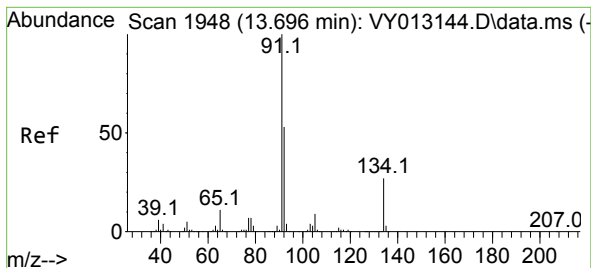
Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.8

148 63.7 31.5 94.5

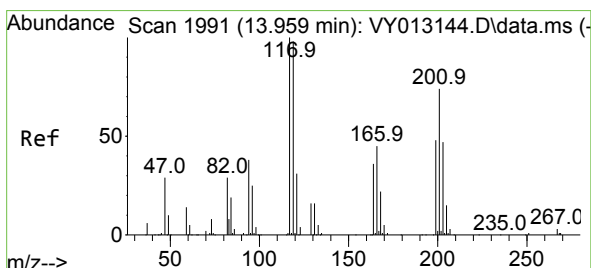
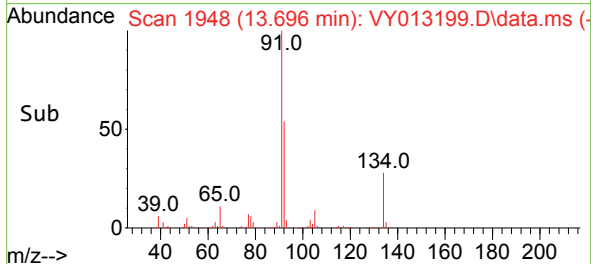
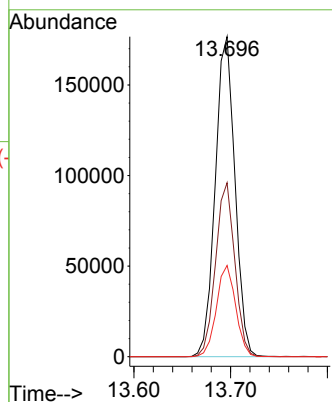
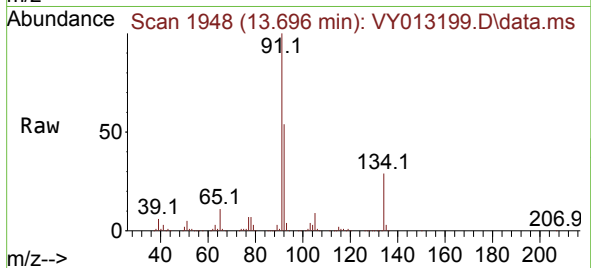




#89
n-Butylbenzene
Concen: 47.198 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

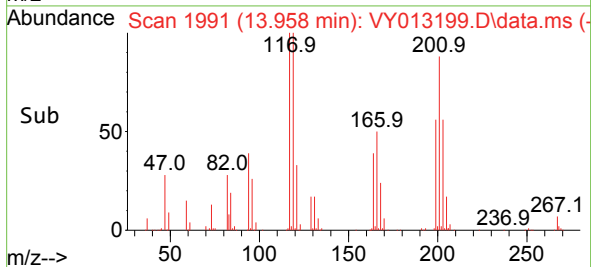
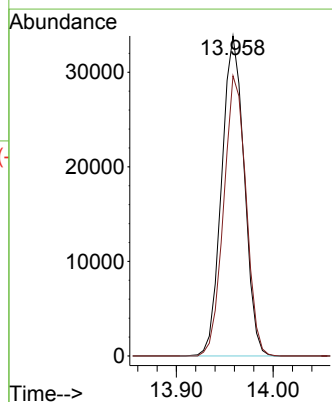
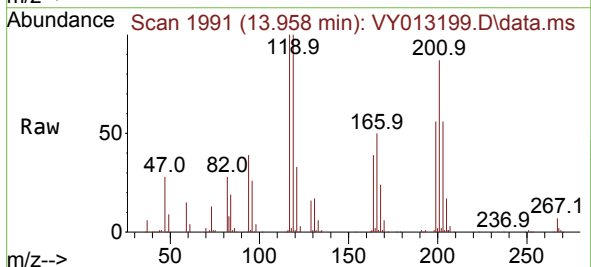
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

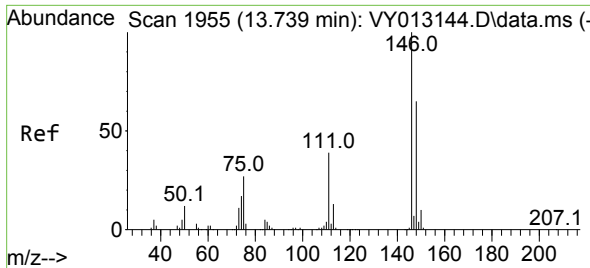
Tgt Ion: 91 Resp: 249675
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 27.9 13.0 38.9



#90
Hexachloroethane
Concen: 46.423 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 117 Resp: 54724
Ion Ratio Lower Upper
117 100
201 86.8 39.4 118.1

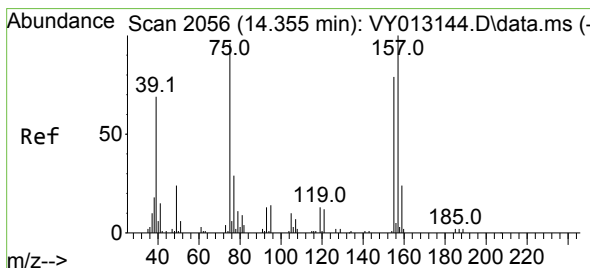
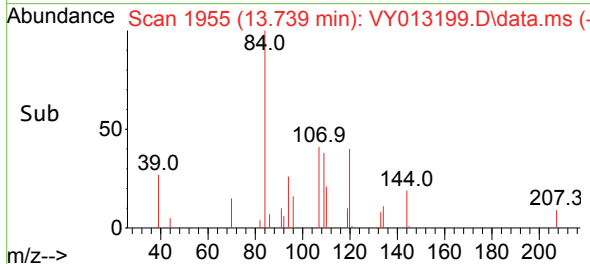
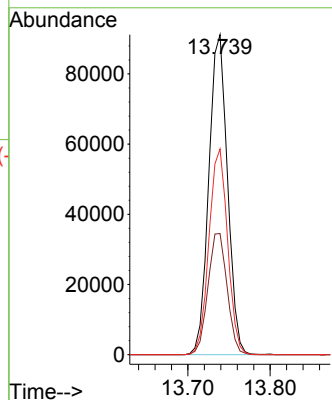
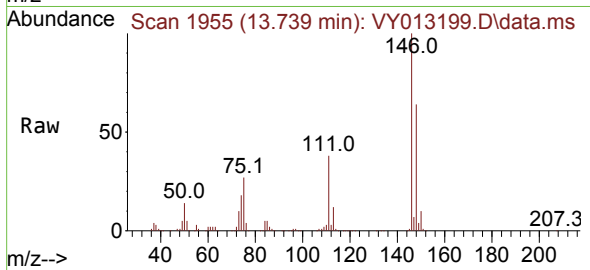




#91
1,2-Dichlorobenzene
Concen: 51.511 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

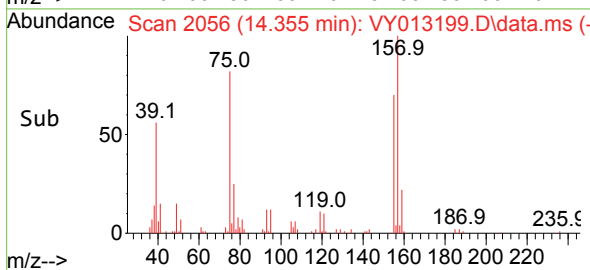
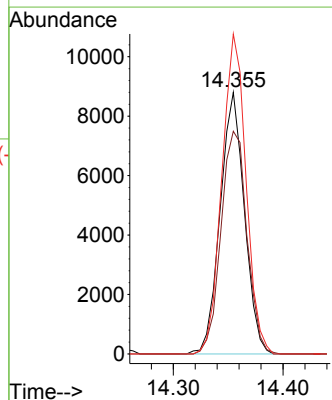
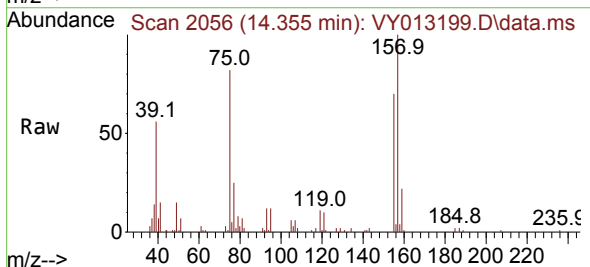
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

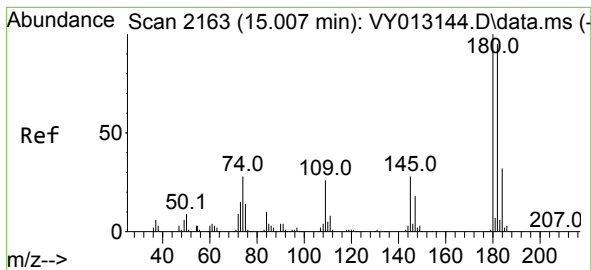
Tgt Ion:146 Resp: 143729
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.1
148 64.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.132 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013199.D
Acq: 04 Apr 2023 19:01

Tgt Ion: 75 Resp: 13508
Ion Ratio Lower Upper
75 100
155 91.1 43.8 131.4
157 121.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 56.164 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

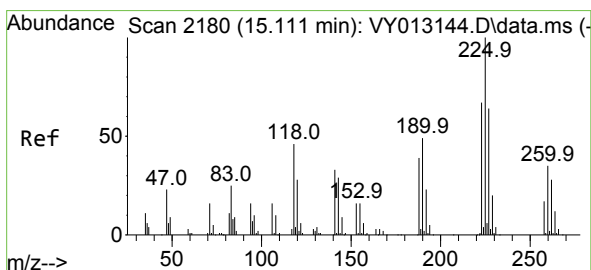
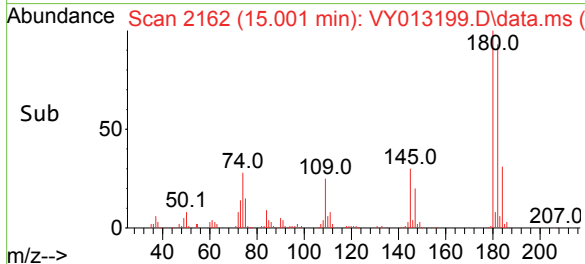
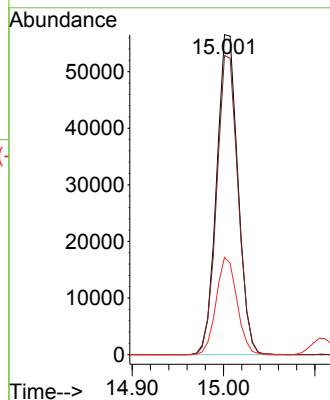
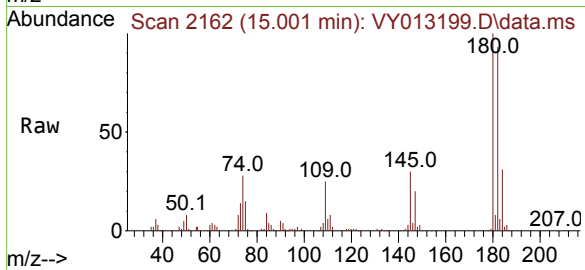
Tgt Ion:180 Resp: 91388

Ion Ratio Lower Upper

180 100

182 94.1 46.7 140.1

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.412 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

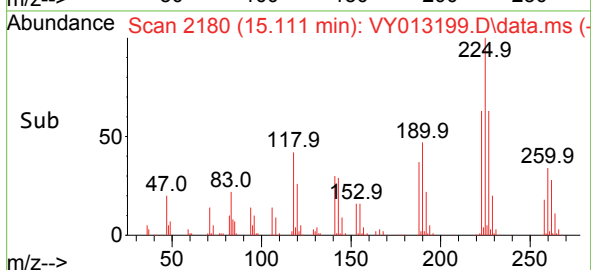
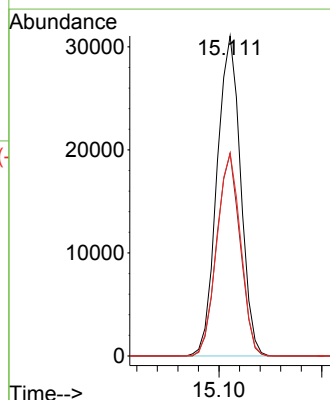
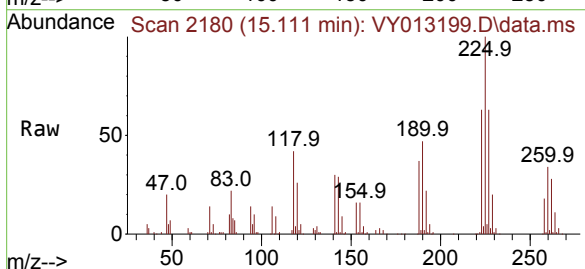
Tgt Ion:225 Resp: 49448

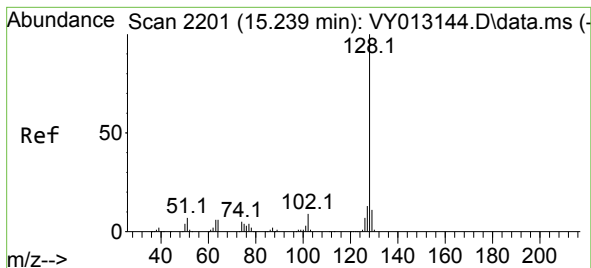
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.3

227 64.0 32.4 97.0





#95

Naphthalene

Concen: 52.659 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

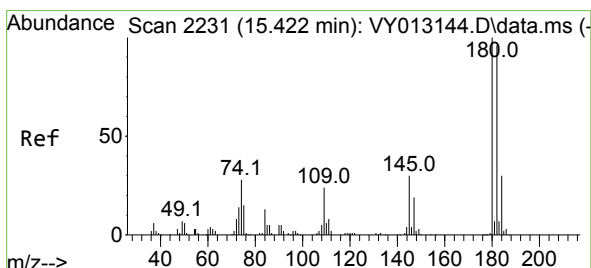
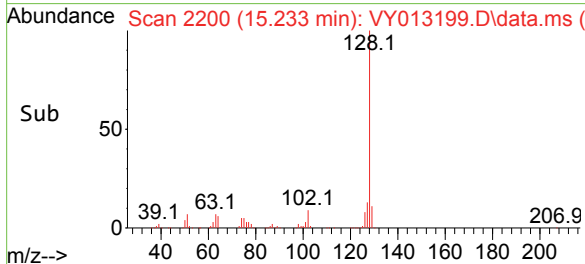
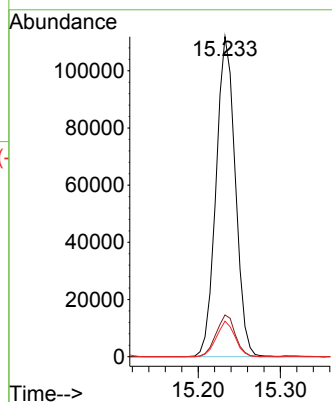
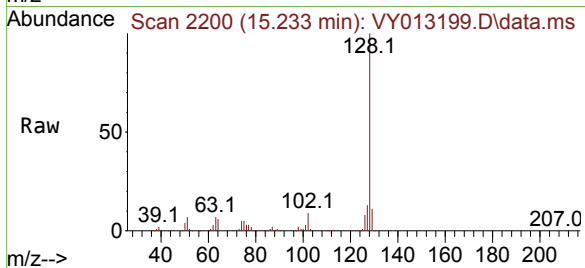
Tgt Ion:128 Resp: 182125

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.276 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013199.D

Acq: 04 Apr 2023 19:01

Tgt Ion:180 Resp: 72076

Ion Ratio Lower Upper

180 100

182 96.2 47.4 142.3

145 32.5 15.3 45.8

