

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017197.D
 Acq On : 02 Feb 2024 21:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 02 22:35:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	114068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	173654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	79382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53007	52.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.040%	
35) Dibromofluoromethane	7.722	113	55060	51.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.520%	
50) Toluene-d8	10.185	98	207251	52.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.489	95	67005	52.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39804	46.031	ug/l	96
3) Chloromethane	2.113	50	80347	51.723	ug/l	95
4) Vinyl Chloride	2.253	62	92731	48.985	ug/l	99
5) Bromomethane	2.650	94	67481	51.425	ug/l	98
6) Chloroethane	2.796	64	62923	51.480	ug/l	100
7) Trichlorofluoromethane	3.125	101	94677	48.637	ug/l	99
8) Diethyl Ether	3.534	74	33545	54.785	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	58320	49.424	ug/l	99
10) Methyl Iodide	4.095	142	66828	53.870	ug/l	97
11) Tert butyl alcohol	4.960	59	20721	240.999	ug/l	98
12) 1,1-Dichloroethene	3.875	96	56590	51.181	ug/l	94
13) Acrolein	3.735	56	19164	225.837	ug/l	99
14) Allyl chloride	4.485	41	90427	54.098	ug/l	99
15) Acrylonitrile	5.167	53	73982	268.358	ug/l	100
16) Acetone	3.954	43	62852	209.855	ug/l	98
17) Carbon Disulfide	4.198	76	183229	51.914	ug/l	100
18) Methyl Acetate	4.485	43	41502	62.116	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	143901	54.039	ug/l	99
20) Methylene Chloride	4.722	84	69877	57.490	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	68829	54.720	ug/l	99
22) Diisopropyl ether	6.125	45	204825	55.799	ug/l	97
23) Vinyl Acetate	6.070	43	584856	262.954	ug/l	100
24) 1,1-Dichloroethane	6.027	63	121913	54.215	ug/l	99
25) 2-Butanone	6.990	43	95633	240.193	ug/l	97
26) 2,2-Dichloropropane	6.990	77	93683	50.087	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	76843	54.622	ug/l	99
28) Bromochloromethane	7.344	49	48145	55.917	ug/l	99
29) Tetrahydrofuran	7.356	42	60120	267.302	ug/l	100
30) Chloroform	7.515	83	123845	54.748	ug/l	98
31) Cyclohexane	7.795	56	96826	47.142	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	102638	52.749	ug/l	99
36) 1,1-Dichloropropene	7.923	75	94710	51.120	ug/l	99
37) Ethyl Acetate	7.082	43	41984	48.858	ug/l	98
38) Carbon Tetrachloride	7.911	117	89424	50.411	ug/l	99
39) Methylcyclohexane	9.191	83	105853	48.905	ug/l	98
40) Benzene	8.167	78	281553	53.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	24498	60.172	ug/l	99
42) 1,2-Dichloroethane	8.246	62	72676	51.881	ug/l	100
43) Isopropyl Acetate	8.283	43	78786	51.794	ug/l	100
44) Trichloroethene	8.947	130	71934	53.561	ug/l	94
45) 1,2-Dichloropropane	9.222	63	68352	52.596	ug/l	99
46) Dibromomethane	9.313	93	36816	52.445	ug/l	99
47) Bromodichloromethane	9.502	83	93285	53.098	ug/l	96
48) Methyl methacrylate	9.301	41	36906	51.725	ug/l	96
49) 1,4-Dioxane	9.307	88	8282	1083.912	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	216502	265.514	ug/l	99
52) Toluene	10.252	92	172507	54.017	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	86909	52.666	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	104771	53.006	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	51060	53.460	ug/l	98
56) Ethyl methacrylate	10.520	69	64213	49.971	ug/l	99
57) 1,3-Dichloropropane	10.801	76	88372	53.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	170269	286.159	ug/l	99
59) 2-Hexanone	10.837	43	147090	249.464	ug/l	100
60) Dibromochloromethane	10.996	129	59271	52.898	ug/l	100
61) 1,2-Dibromoethane	11.099	107	47005	52.917	ug/l	99
64) Tetrachloroethene	10.727	164	60868	53.971	ug/l	97
65) Chlorobenzene	11.526	112	176939	52.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	65807	54.055	ug/l	99
67) Ethyl Benzene	11.599	91	326277	53.892	ug/l	100
68) m/p-Xylenes	11.709	106	250324	108.951	ug/l	100
69) o-Xylene	12.038	106	116800	55.203	ug/l	100
70) Styrene	12.050	104	196595	56.394	ug/l	99
71) Bromoform	12.215	173	33962	53.269	ug/l #	99
73) Isopropylbenzene	12.337	105	304710	52.251	ug/l	100
74) N-amyl acetate	12.154	43	67647	51.625	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	57165	49.839	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	71351	97.383	ug/l #	100
77) Bromobenzene	12.617	156	68050	52.607	ug/l	96
78) n-propylbenzene	12.678	91	375160	52.379	ug/l	100
79) 2-Chlorotoluene	12.764	91	207449	52.683	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	247405	53.343	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	17203	48.787	ug/l	99
82) 4-Chlorotoluene	12.867	91	211449	52.176	ug/l	99
83) tert-Butylbenzene	13.087	119	215582	54.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	245271	53.576	ug/l	99
85) sec-Butylbenzene	13.264	105	320805	51.629	ug/l	99
86) p-Isopropyltoluene	13.379	119	260738	52.511	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	134770	52.226	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	132598	52.890	ug/l	100
89) n-Butylbenzene	13.703	91	247701	52.468	ug/l	99
90) Hexachloroethane	13.971	117	52426	51.431	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	116841	53.187	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7444	49.825	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	61935	56.760	ug/l	99
94) Hexachlorobutadiene	15.123	225	33448	52.046	ug/l	99
95) Naphthalene	15.245	128	116843	52.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	52849	56.947	ug/l	97

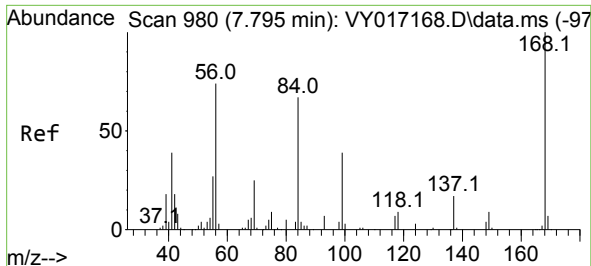
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
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Response via : Initial Calibration

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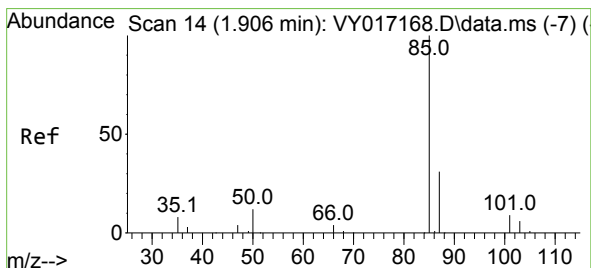
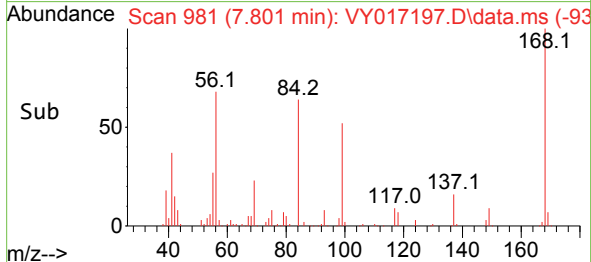
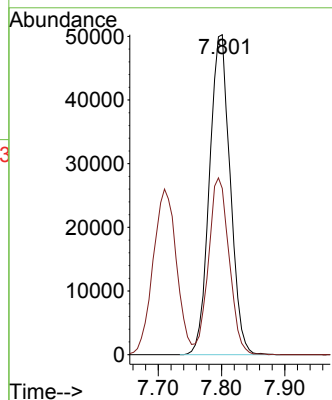
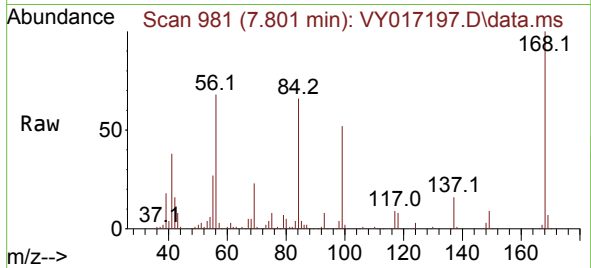
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

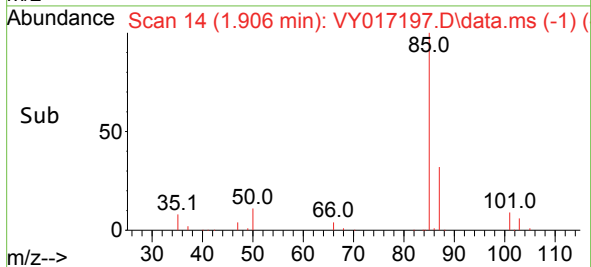
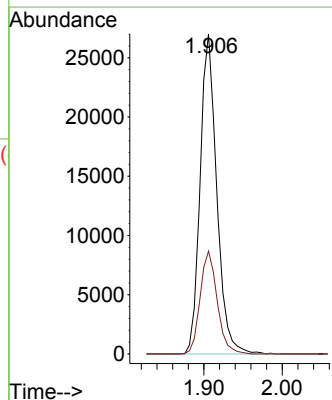
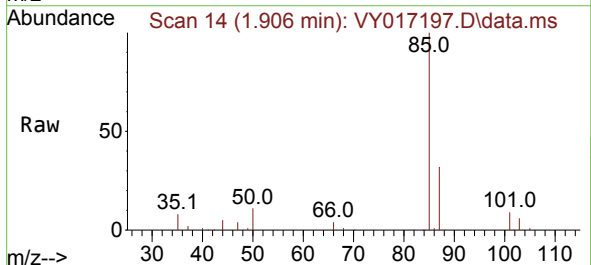
Instrument :
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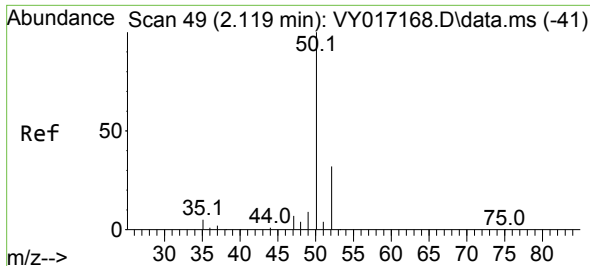
Tgt Ion:168 Resp: 114068
Ion Ratio Lower Upper
168 100
99 51.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 46.031 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 85 Resp: 39804
Ion Ratio Lower Upper
85 100
87 32.1 17.1 51.3

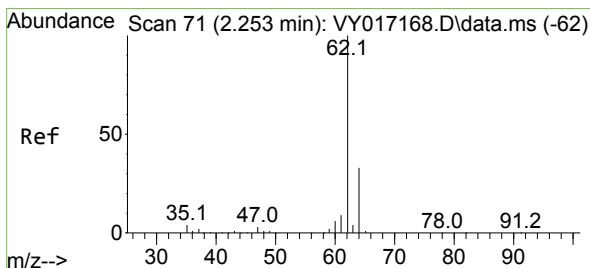
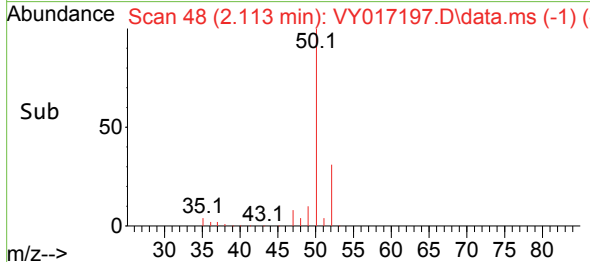
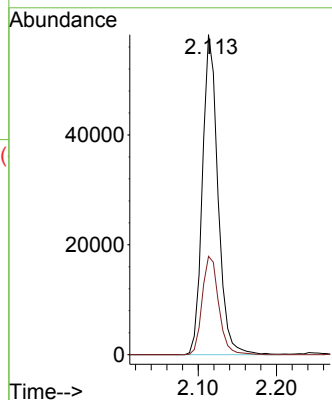
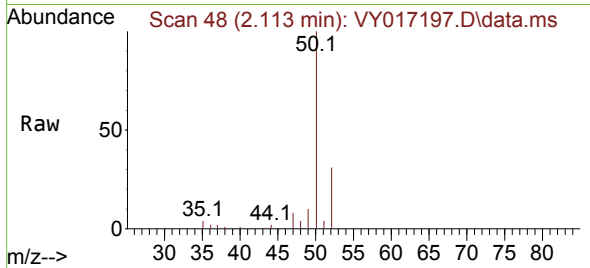




#3
Chloromethane
Concen: 51.723 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

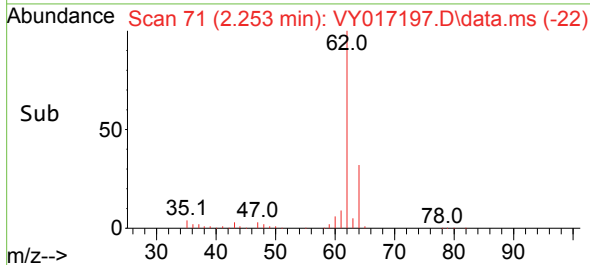
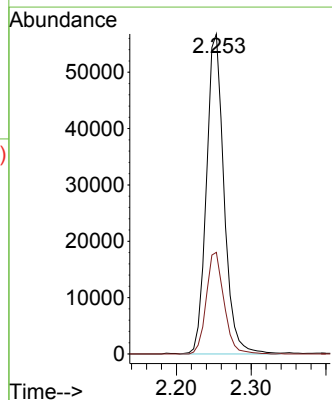
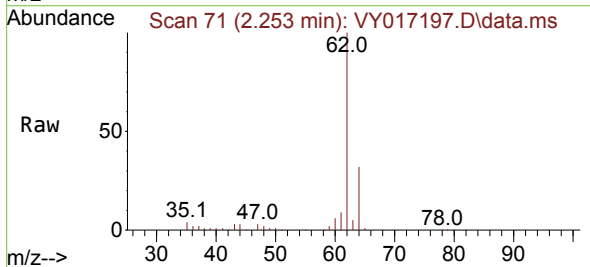
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

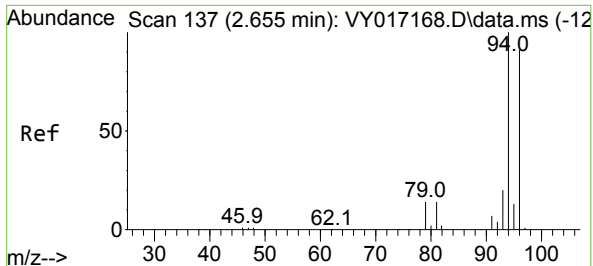
Tgt Ion: 50 Resp: 80347
Ion Ratio Lower Upper
50 100
52 30.8 26.7 40.1



#4
Vinyl Chloride
Concen: 48.985 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 62 Resp: 92731
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





#5

Bromomethane

Concen: 51.425 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

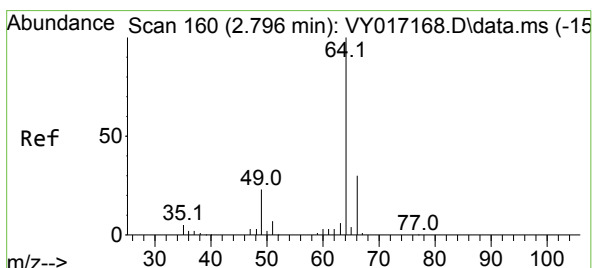
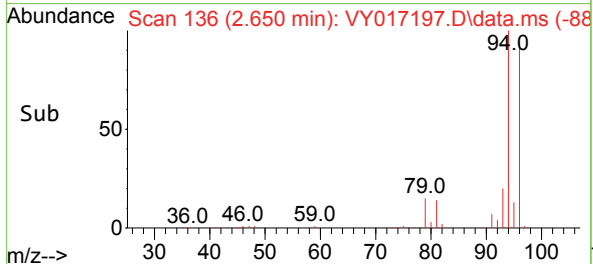
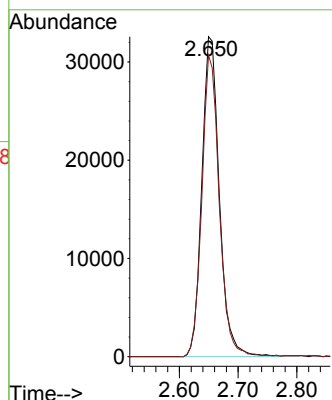
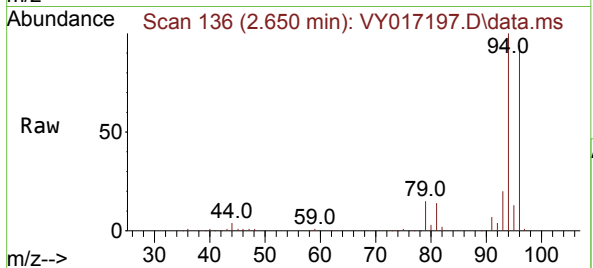
VSTDCCC050

Tgt Ion: 94 Resp: 67481

Ion Ratio Lower Upper

94 100

96 94.2 77.3 115.9



#6

Chloroethane

Concen: 51.480 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY017197.D

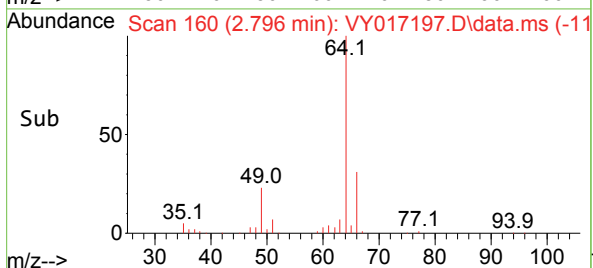
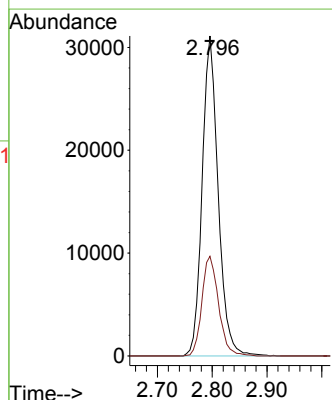
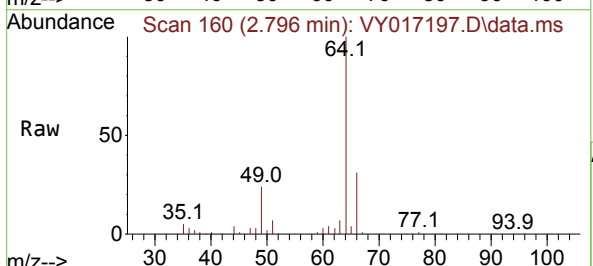
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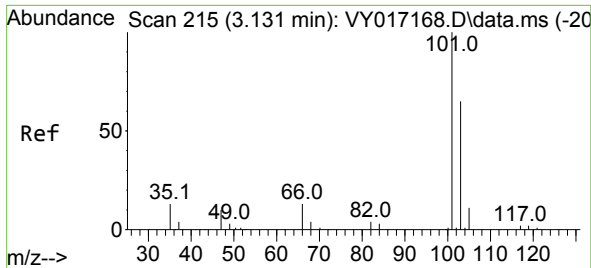
Tgt Ion: 64 Resp: 62923

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7

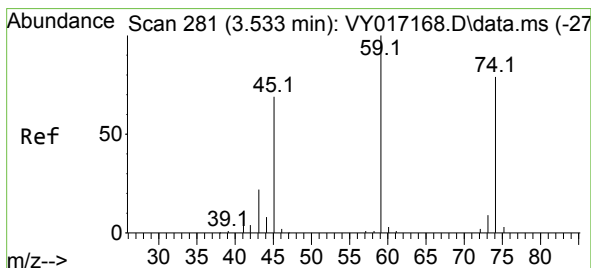
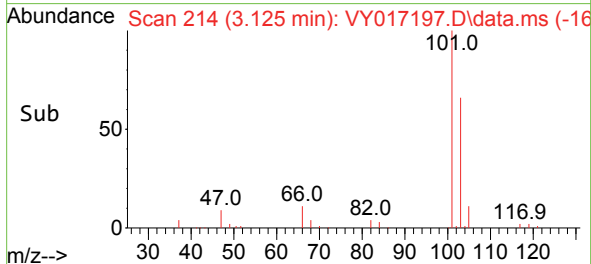
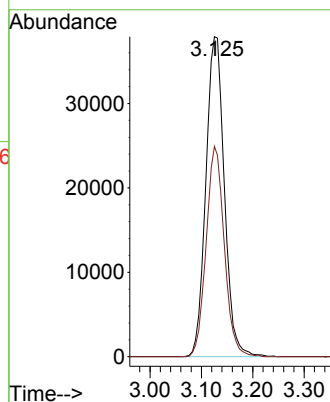
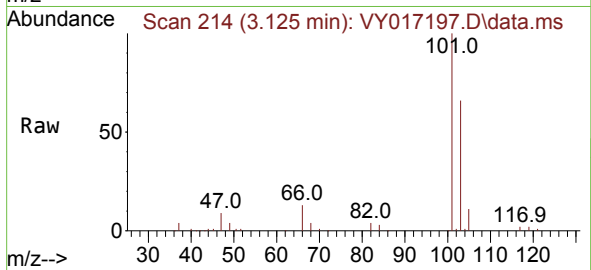




#7
 Trichlorofluoromethane
 Concen: 48.637 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY017197.D
 Acq: 02 Feb 2024 21:04

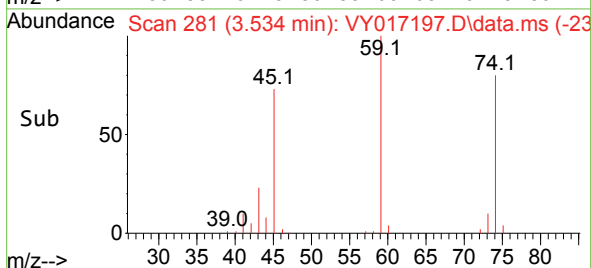
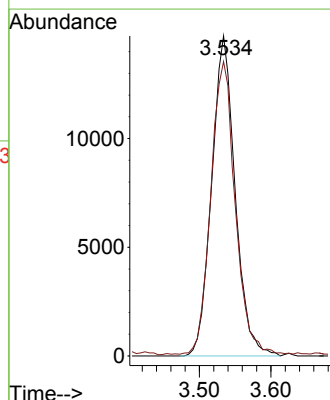
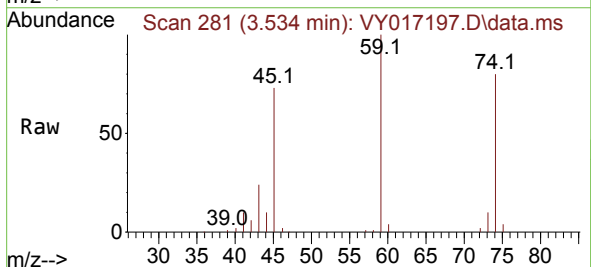
Instrument :
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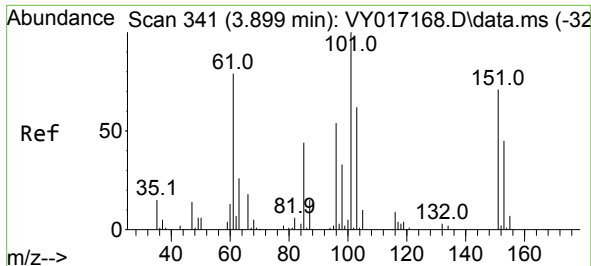
Tgt Ion:101 Resp: 94677
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 54.785 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017197.D
 Acq: 02 Feb 2024 21:04

Tgt Ion: 74 Resp: 33545
 Ion Ratio Lower Upper
 74 100
 45 94.8 47.9 143.7

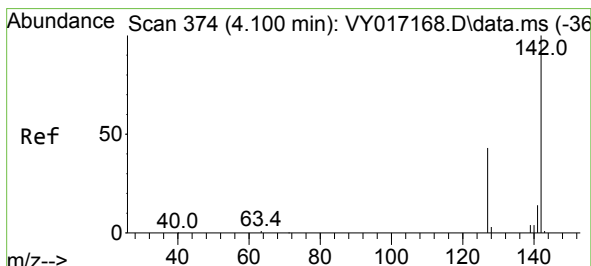
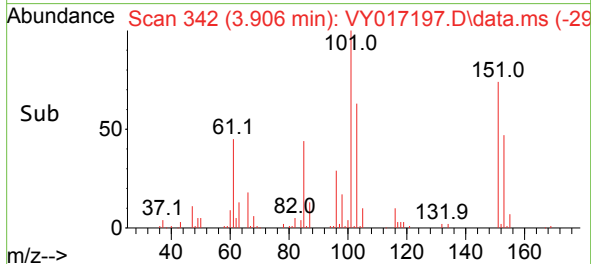
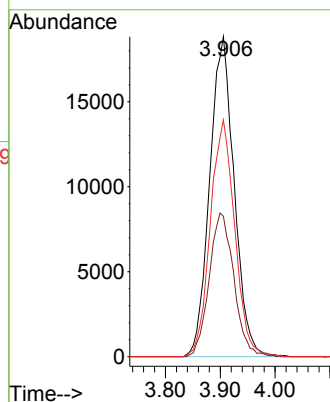
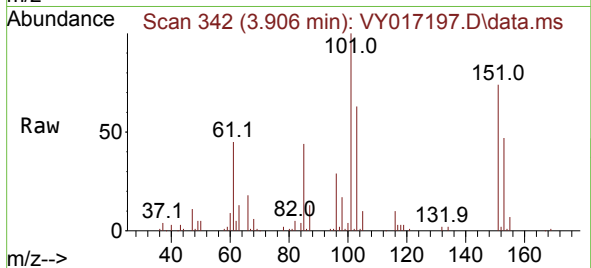




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.424 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017197.D
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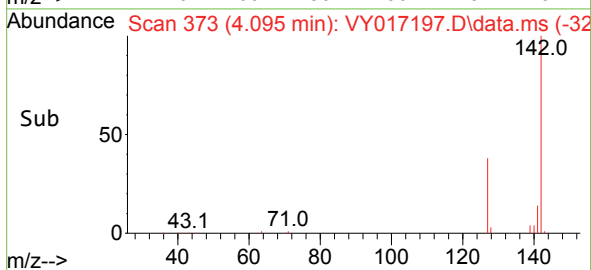
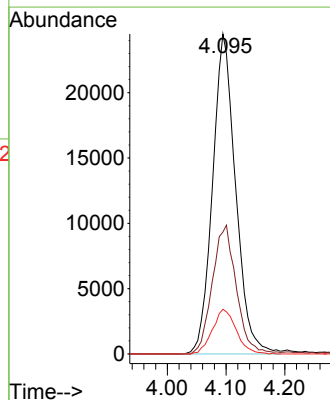
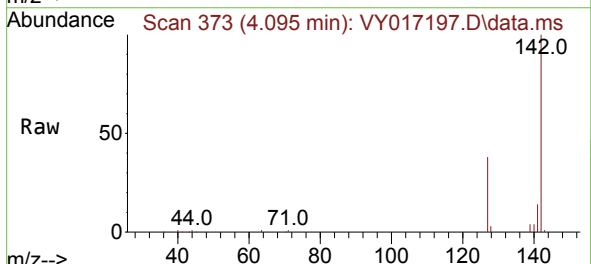
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

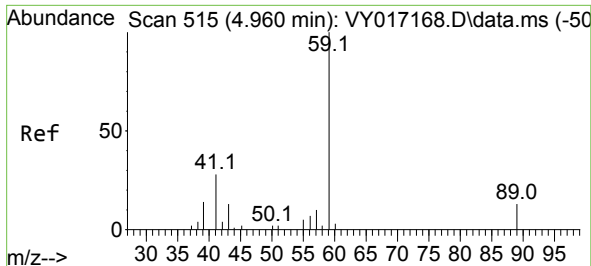
Tgt Ion:101 Resp: 58320
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.6
151 73.9 58.6 88.0



#10
Methyl Iodide
Concen: 53.870 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion:142 Resp: 66828
Ion Ratio Lower Upper
142 100
127 41.8 35.1 52.7
141 14.4 11.8 17.6

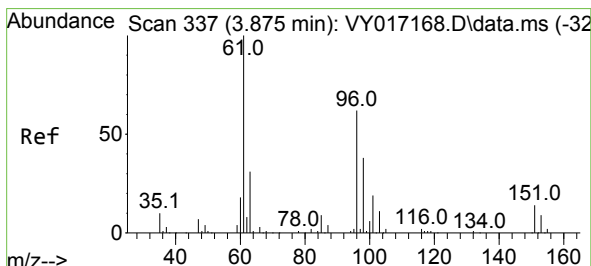
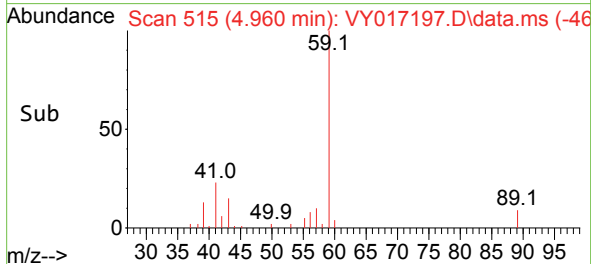
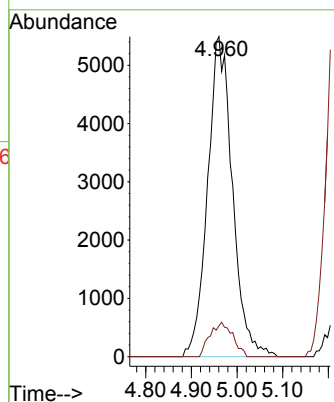
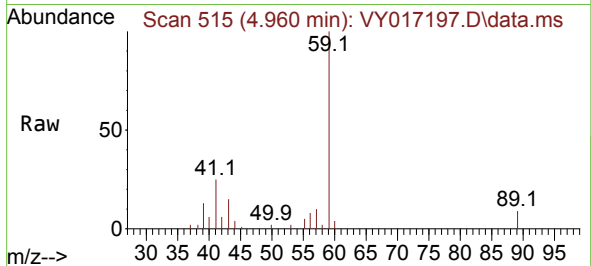




#11
Tert butyl alcohol
Concen: 240.999 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

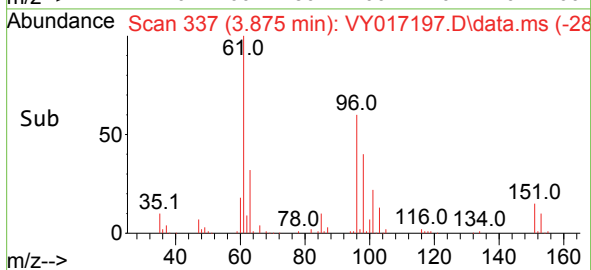
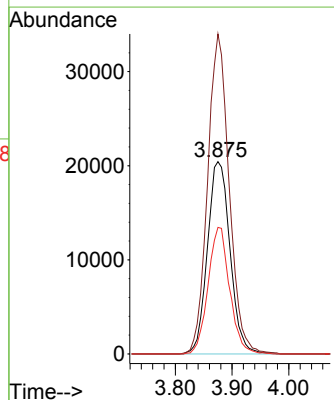
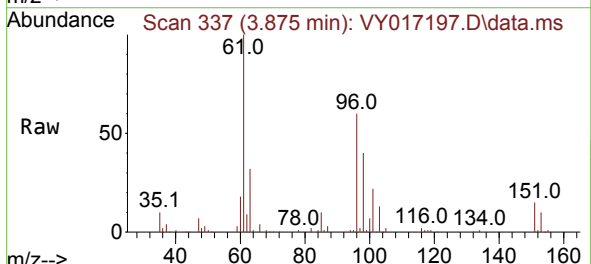
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

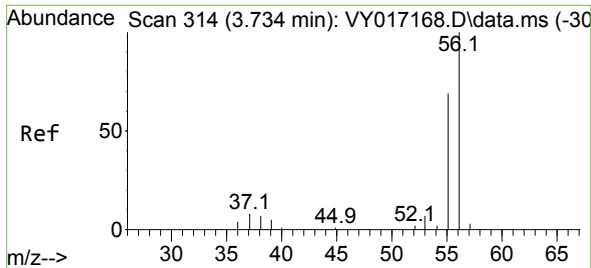
Tgt Ion: 59 Resp: 20721
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 51.181 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 96 Resp: 56590
Ion Ratio Lower Upper
96 100
61 166.4 124.2 186.2
98 65.9 52.6 79.0





#13

Acrolein

Concen: 225.837 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.001 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

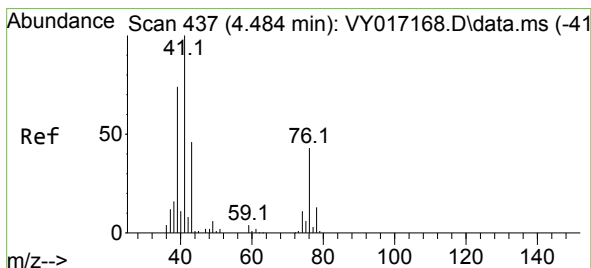
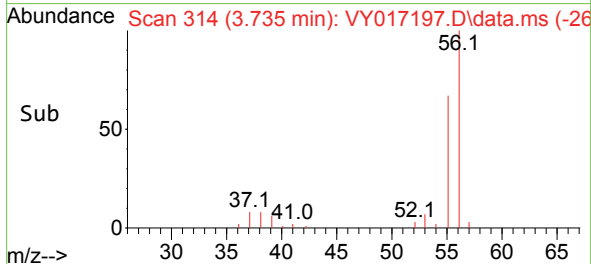
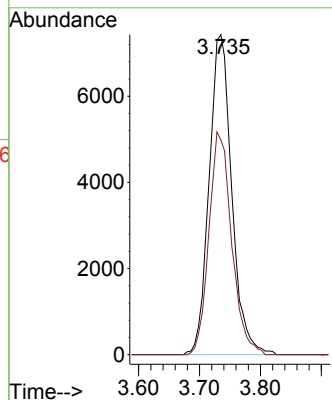
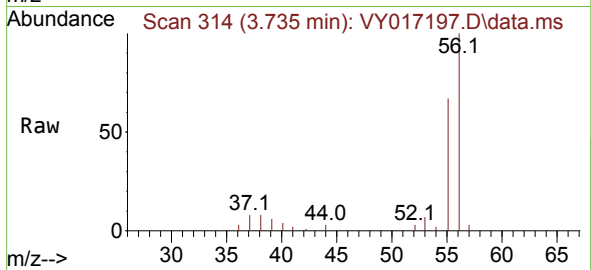
VSTDCCC050

Tgt Ion: 56 Resp: 19164

Ion Ratio Lower Upper

56 100

55 69.9 55.4 83.0



#14

Allyl chloride

Concen: 54.098 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

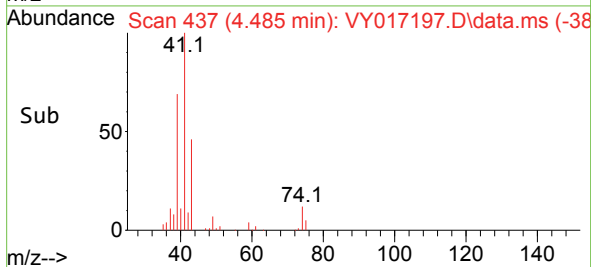
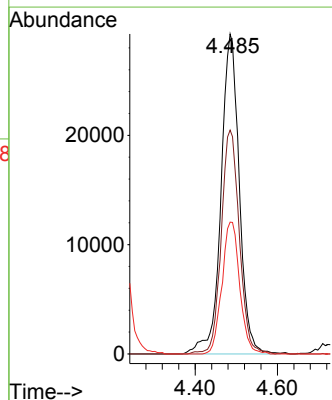
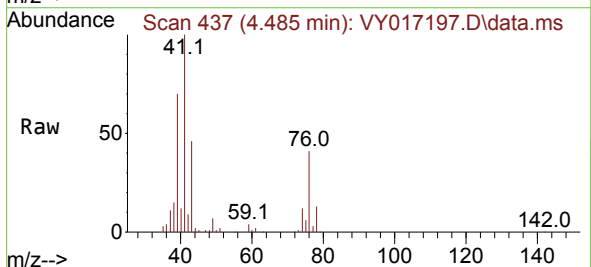
Tgt Ion: 41 Resp: 90427

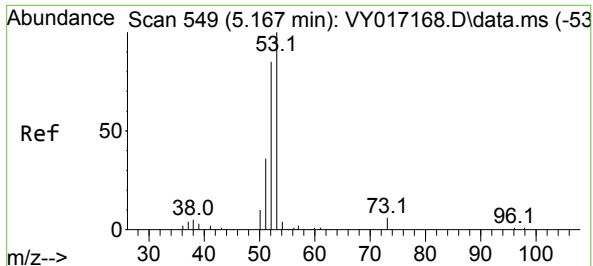
Ion Ratio Lower Upper

41 100

39 69.2 54.7 82.1

76 40.1 31.8 47.6

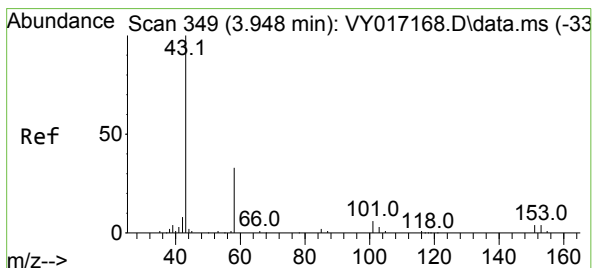
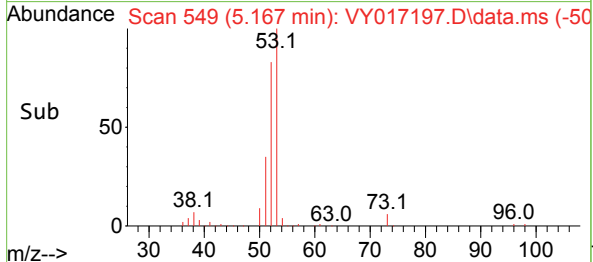
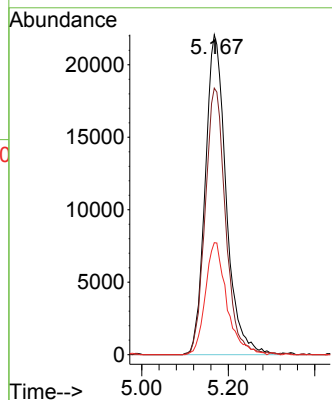
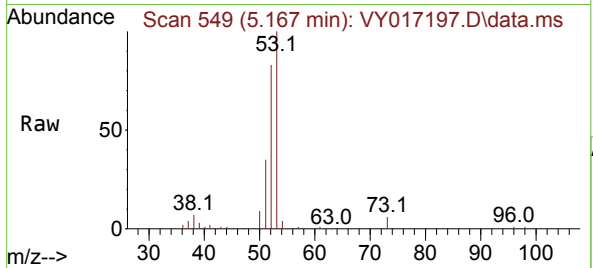




#15
Acrylonitrile
Concen: 268.358 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

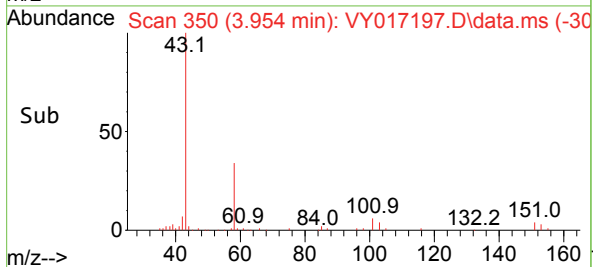
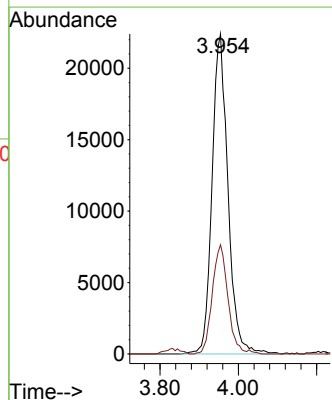
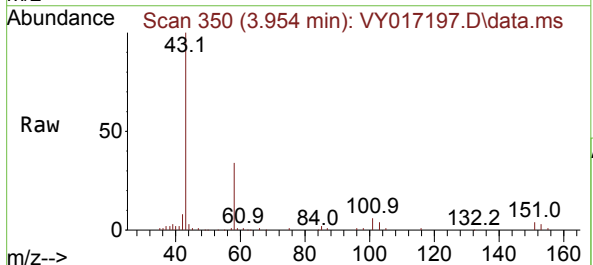
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

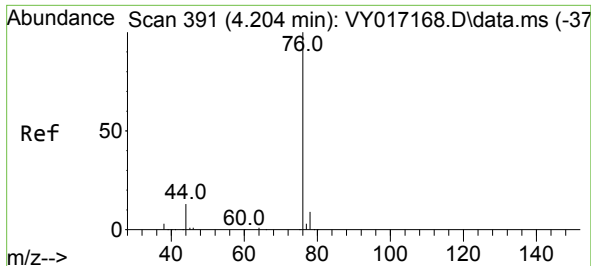
Tgt Ion:	53	Resp:	73982
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.1	97.7
51	36.0	29.0	43.4



#16
Acetone
Concen: 209.855 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion:	43	Resp:	62852
Ion	Ratio	Lower	Upper
43	100		
58	34.1	26.6	39.8

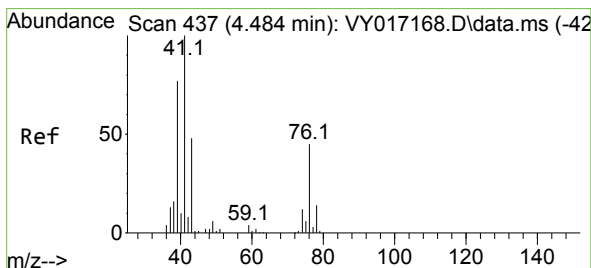
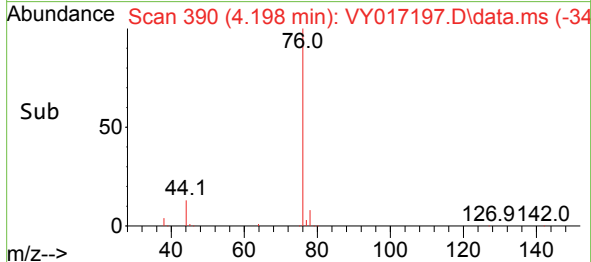
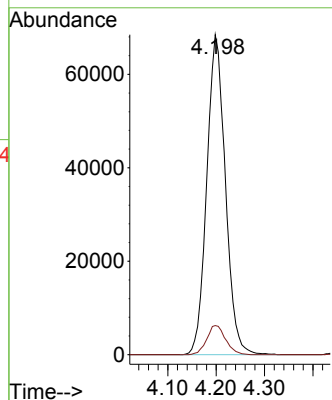
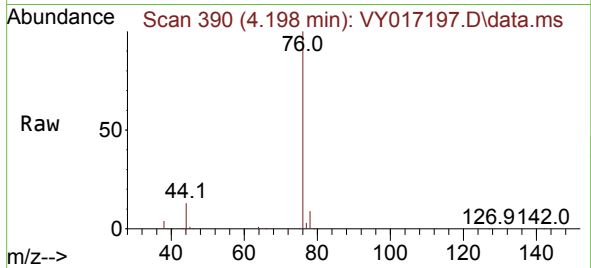




#17
Carbon Disulfide
Concen: 51.914 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

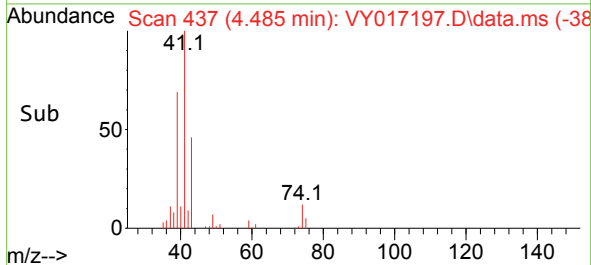
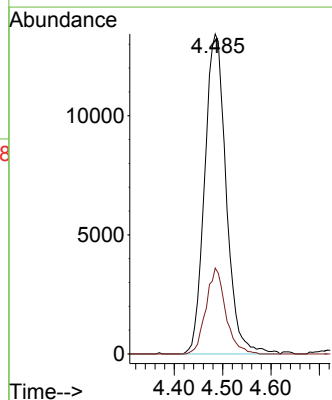
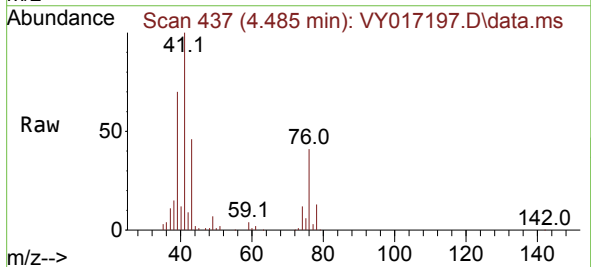
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

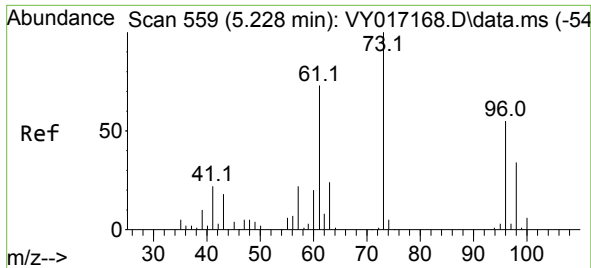
Tgt Ion: 76 Resp: 183229
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 62.116 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 43 Resp: 41502
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.6

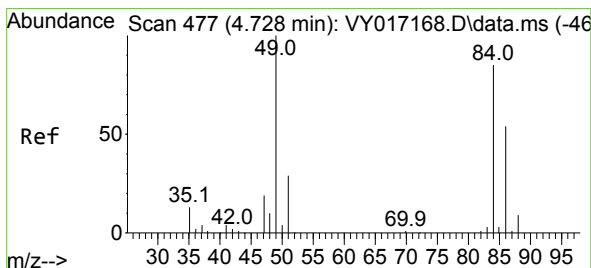
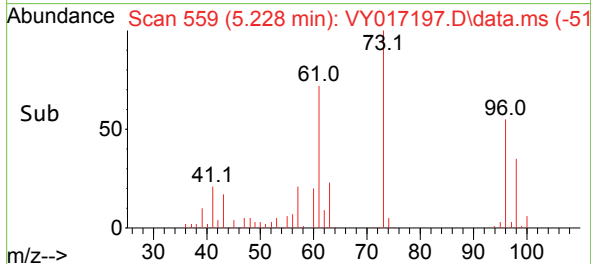
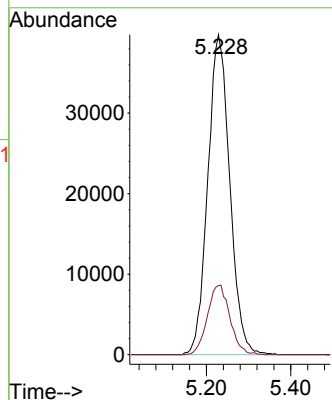
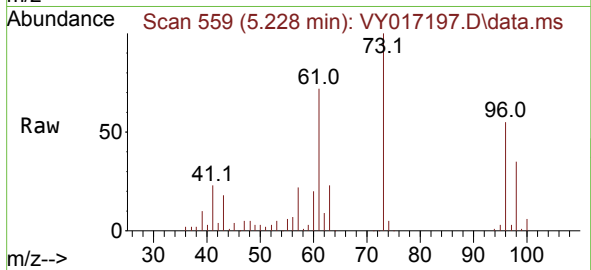




#19
Methyl tert-butyl Ether
Concen: 54.039 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

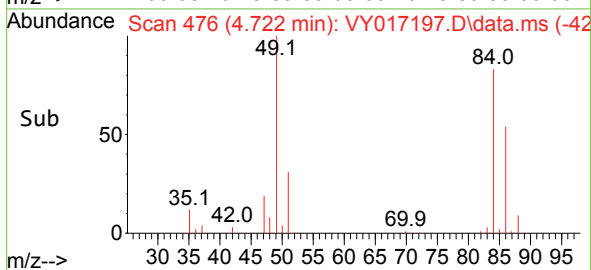
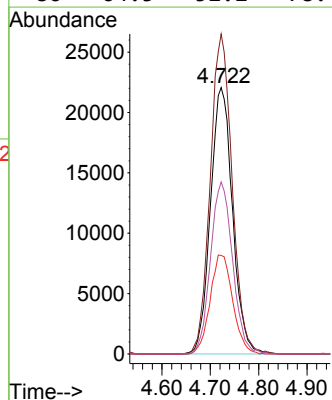
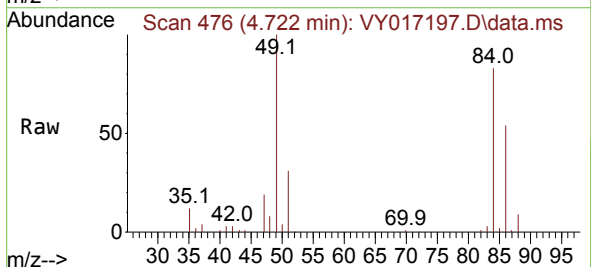
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

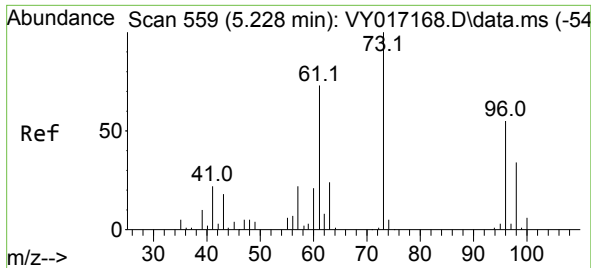
Tgt Ion: 73 Resp: 143901
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 57.490 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 84 Resp: 69877
Ion Ratio Lower Upper
84 100
49 120.1 95.2 142.8
51 37.0 29.9 44.9
86 64.5 52.2 78.4

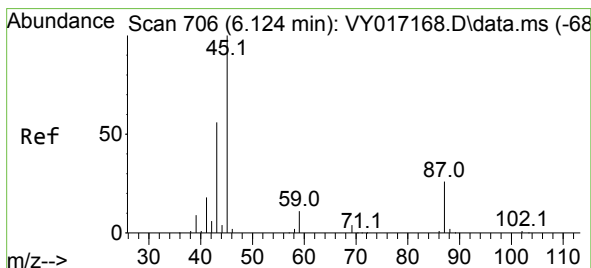
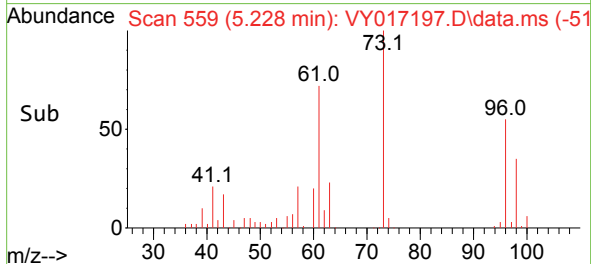
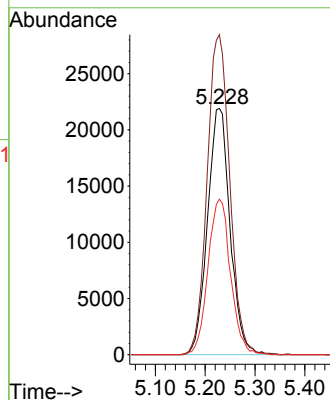
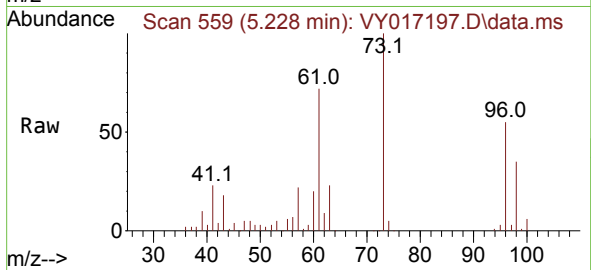




#21
trans-1,2-Dichloroethene
Concen: 54.720 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

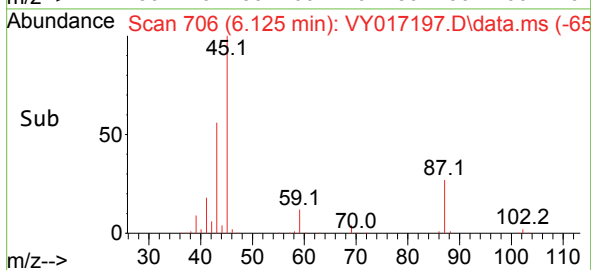
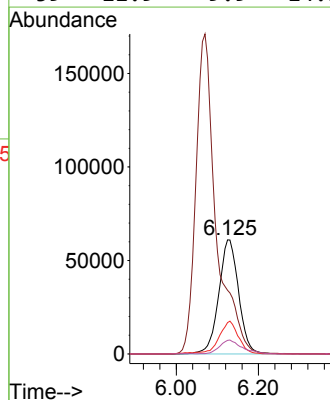
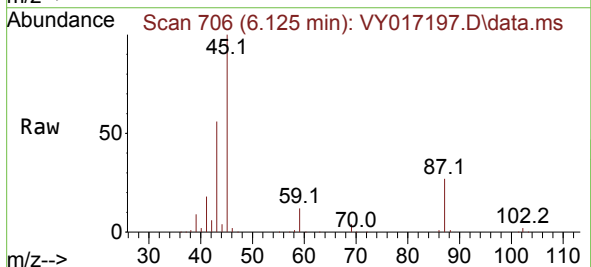
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

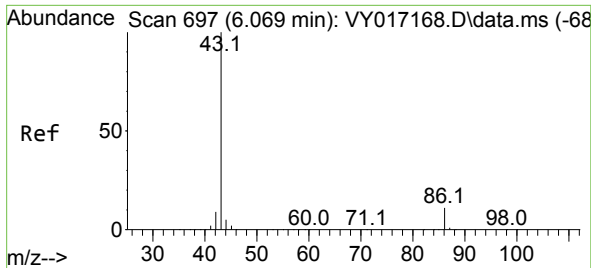
Tgt Ion: 96 Resp: 68829
Ion Ratio Lower Upper
96 100
61 130.0 104.6 156.8
98 63.2 50.9 76.3



#22
Diisopropyl ether
Concen: 55.799 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 45 Resp: 204825
Ion Ratio Lower Upper
45 100
43 55.5 46.8 70.2
87 27.4 22.2 33.2
59 11.9 9.9 14.9





#23

Vinyl Acetate

Concen: 262.954 ug/l

RT: 6.070 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

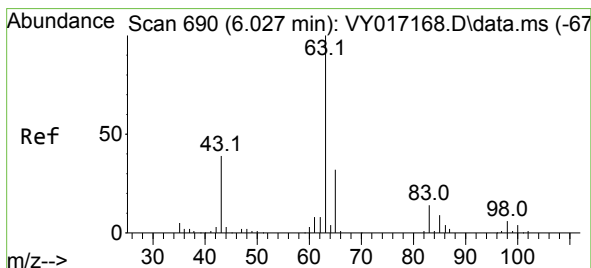
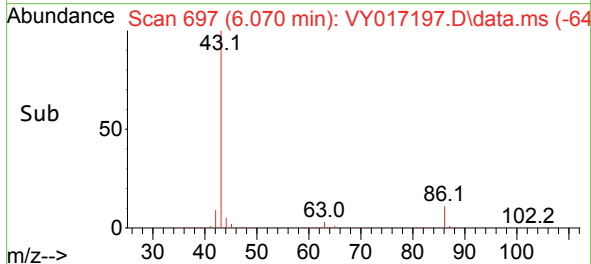
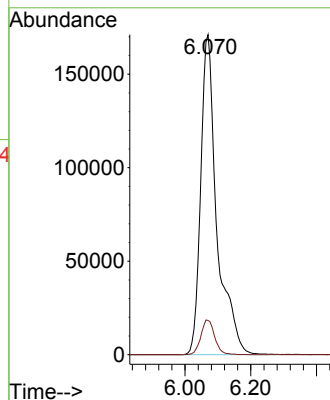
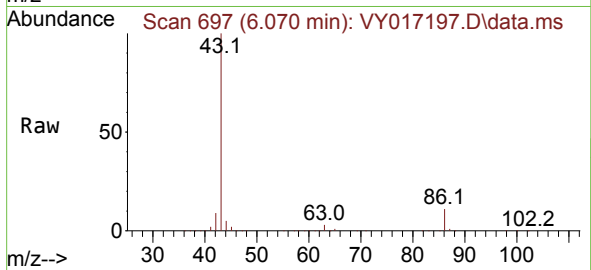
VSTDCCC050

Tgt Ion: 43 Resp: 584856

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 54.215 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

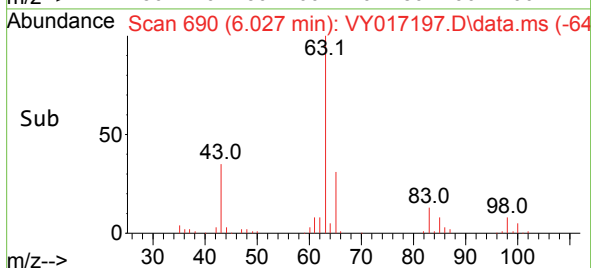
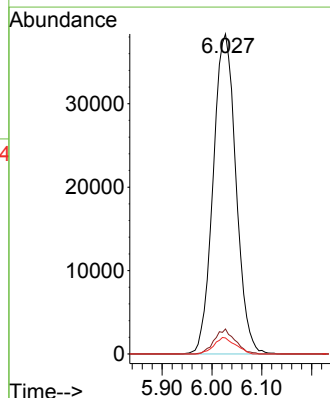
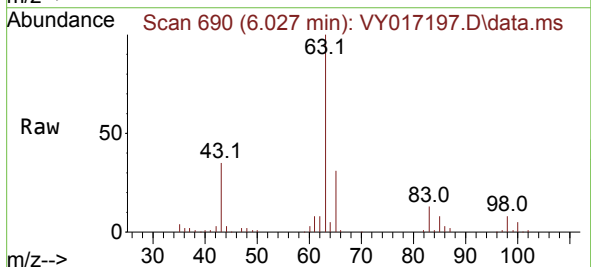
Tgt Ion: 63 Resp: 121913

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 5.0 2.1 6.2





#25

2-Butanone

Concen: 240.193 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

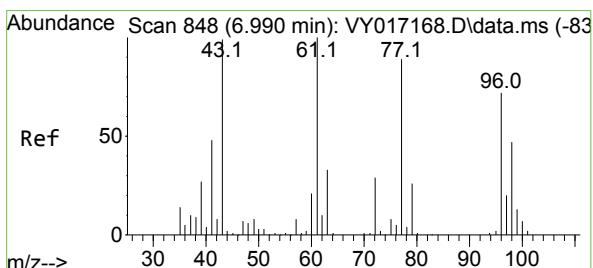
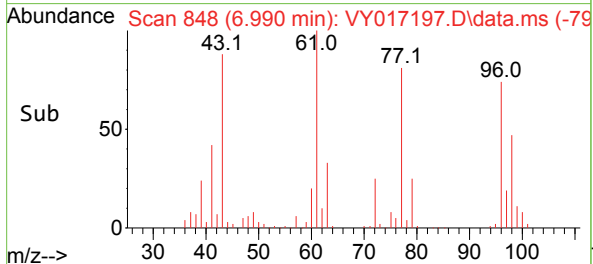
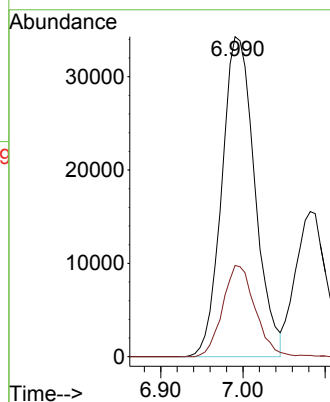
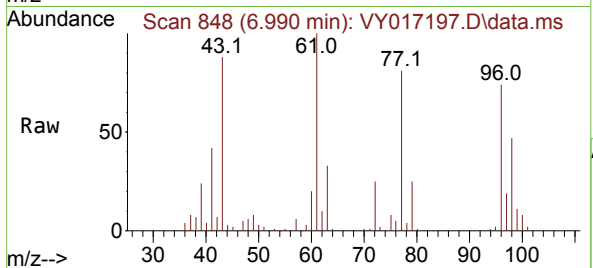
VSTDCCC050

Tgt Ion: 43 Resp: 95633

Ion Ratio Lower Upper

43 100

72 28.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 50.087 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017197.D

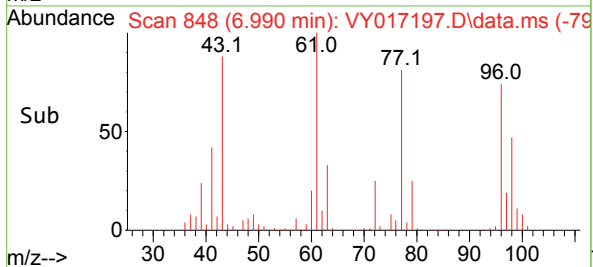
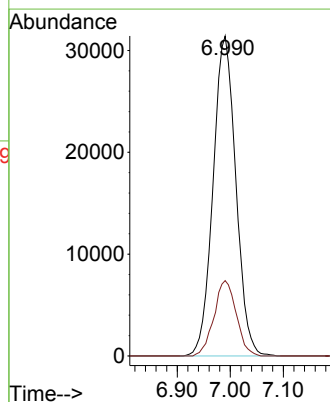
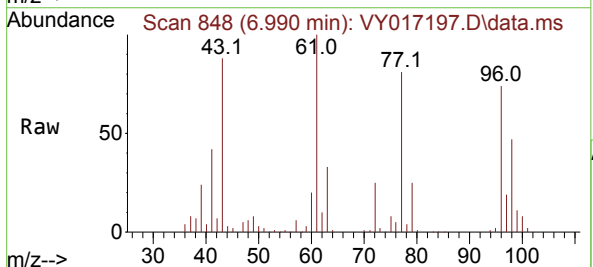
Acq: 02 Feb 2024 21:04

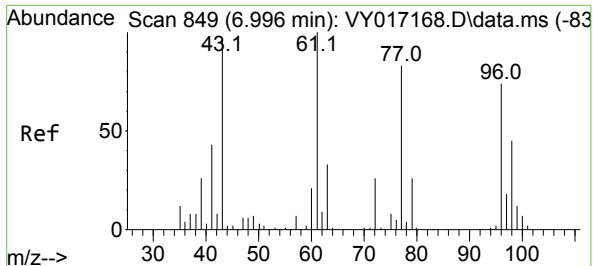
Tgt Ion: 77 Resp: 93683

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.622 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

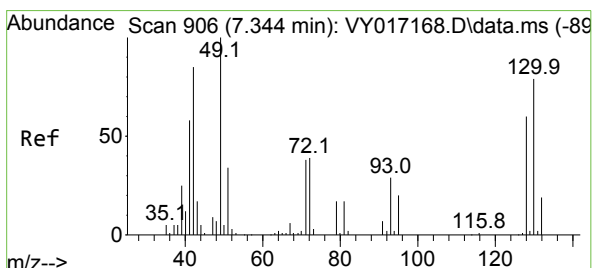
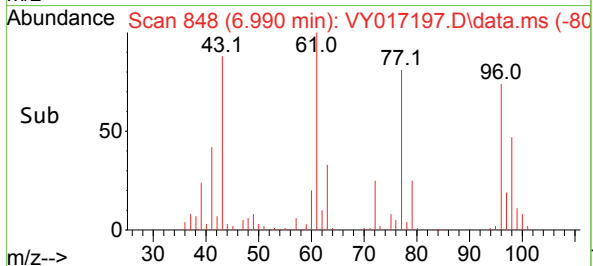
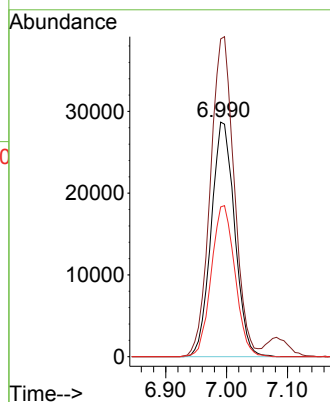
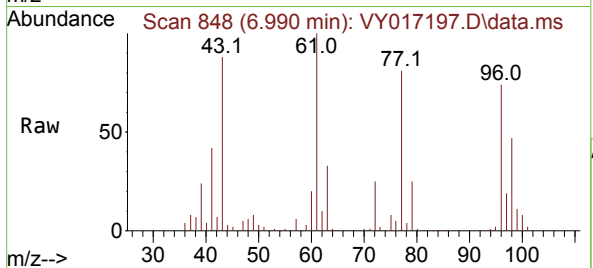
Tgt Ion: 96 Resp: 76843

Ion Ratio Lower Upper

96 100

61 138.4 0.0 278.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 55.917 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

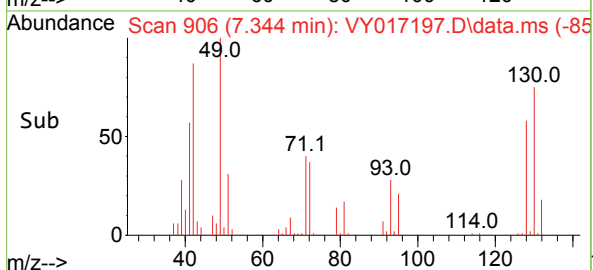
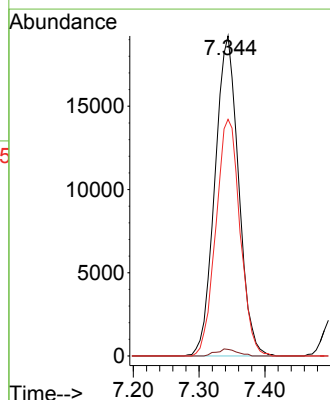
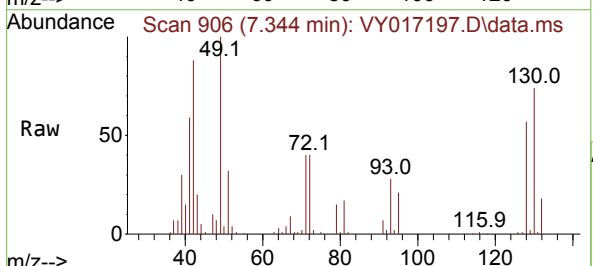
Tgt Ion: 49 Resp: 48145

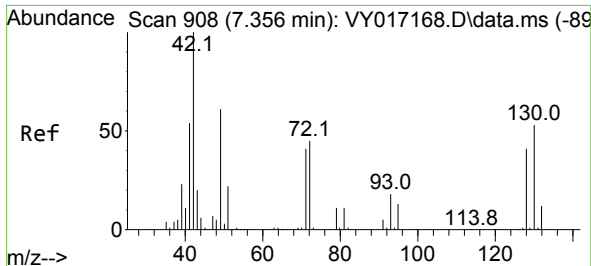
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 267.302 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

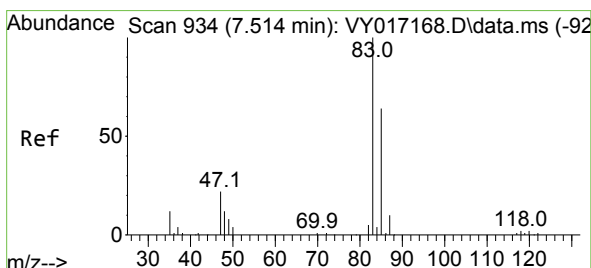
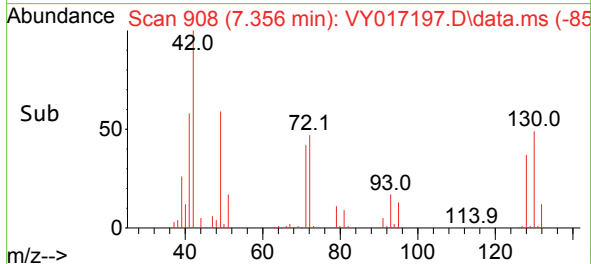
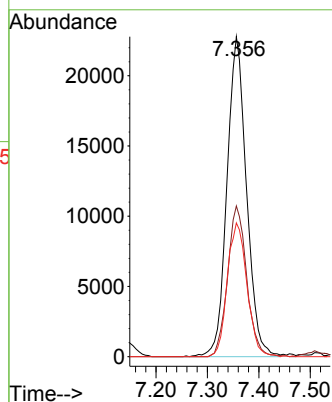
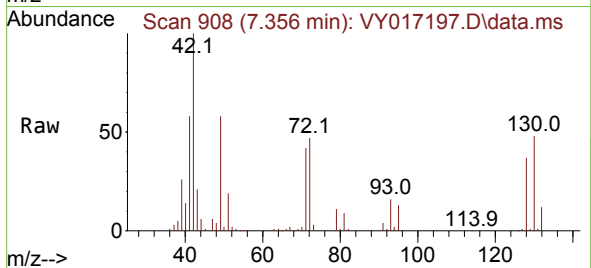
Tgt Ion: 42 Resp: 60120

Ion Ratio Lower Upper

42 100

72 46.1 36.6 54.8

71 42.1 33.8 50.6



#30

Chloroform

Concen: 54.748 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017197.D

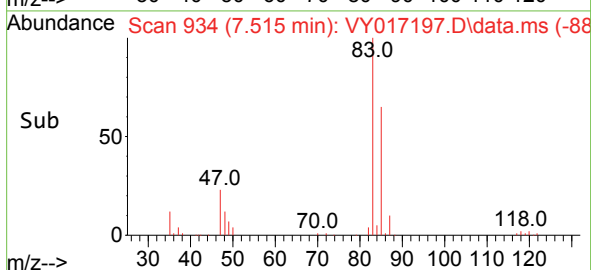
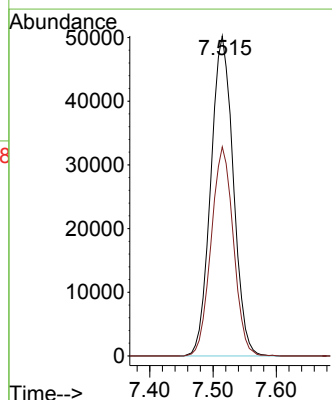
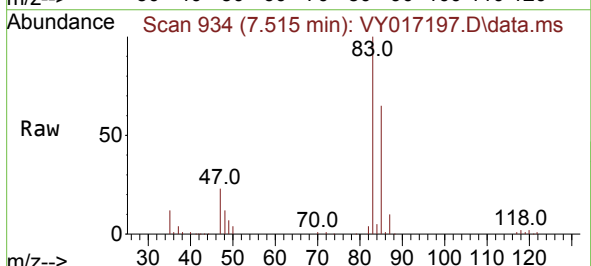
Acq: 02 Feb 2024 21:04

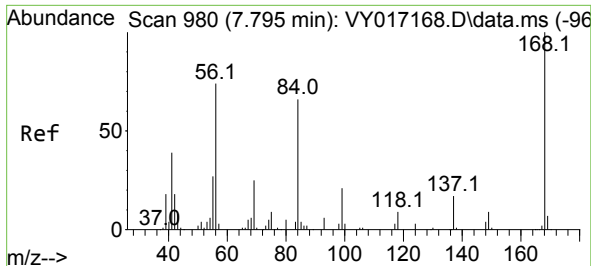
Tgt Ion: 83 Resp: 123845

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

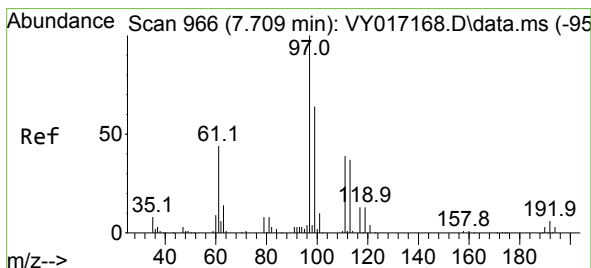
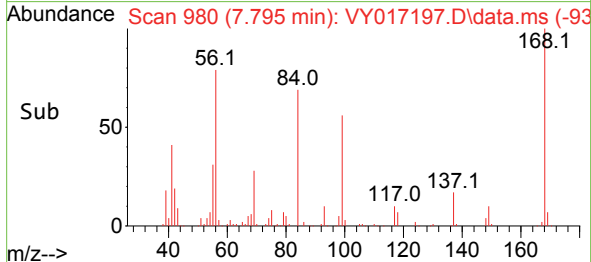
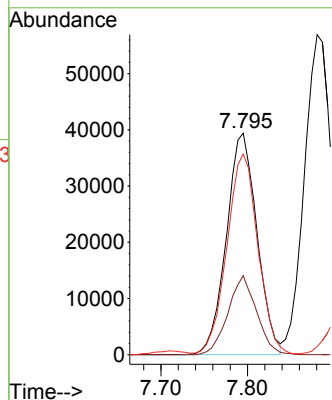
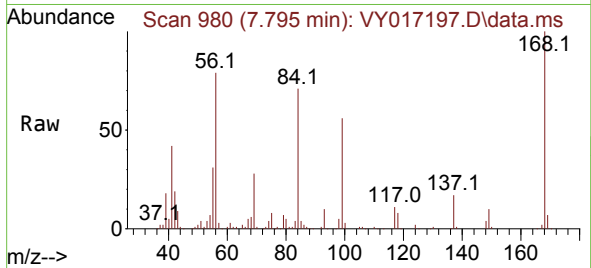




#31
Cyclohexane
Concen: 47.142 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

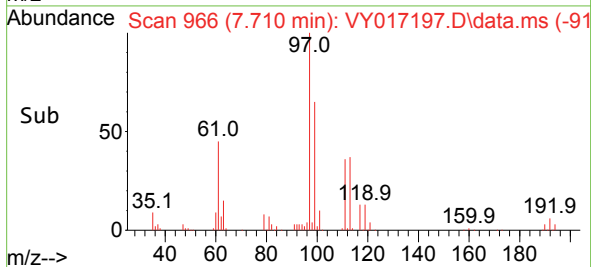
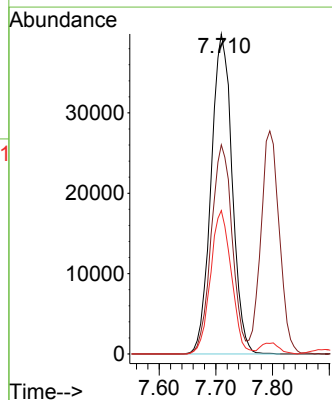
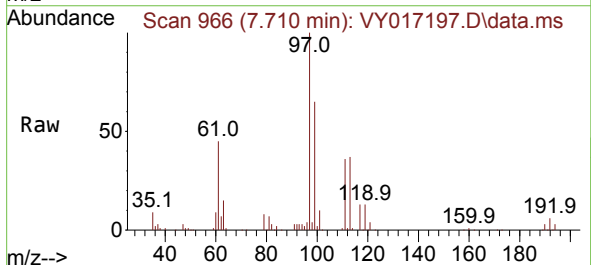
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

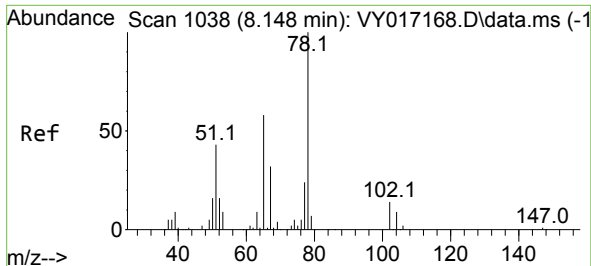
Tgt Ion: 56 Resp: 96826
Ion Ratio Lower Upper
56 100
69 35.7 27.0 40.6
84 89.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.749 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 97 Resp: 102638
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.018 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

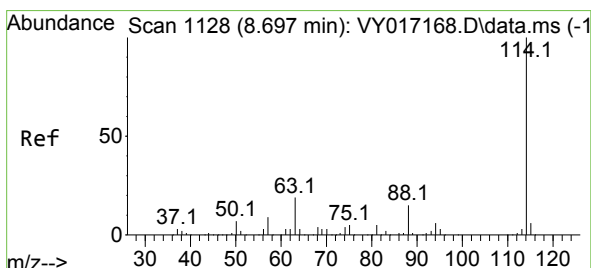
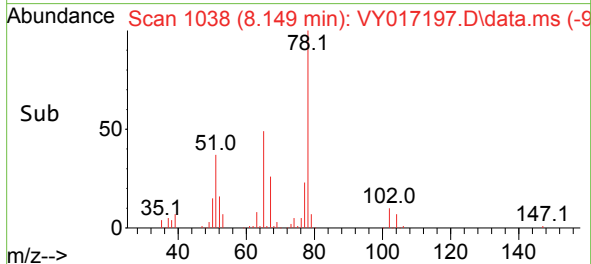
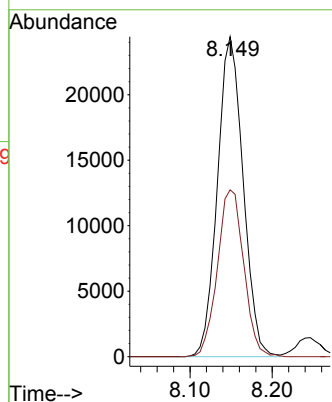
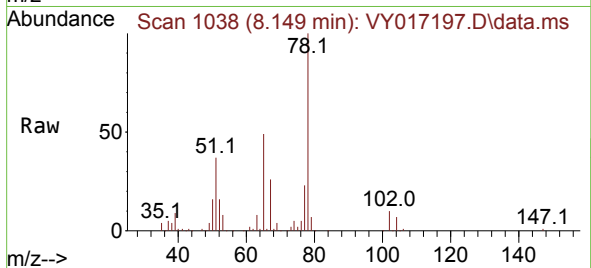
VSTDCCC050

Tgt Ion: 65 Resp: 53007

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

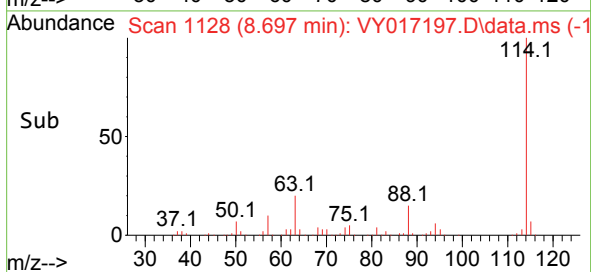
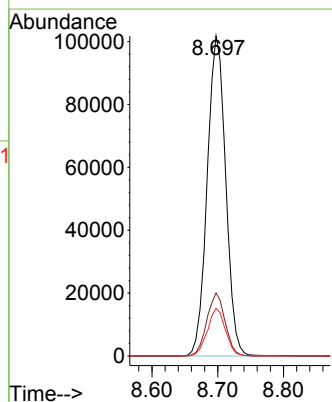
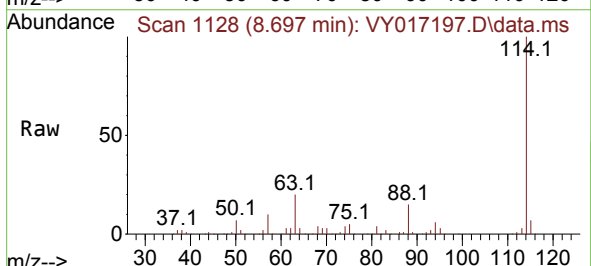
Tgt Ion: 114 Resp: 198926

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.9 0.0 29.0

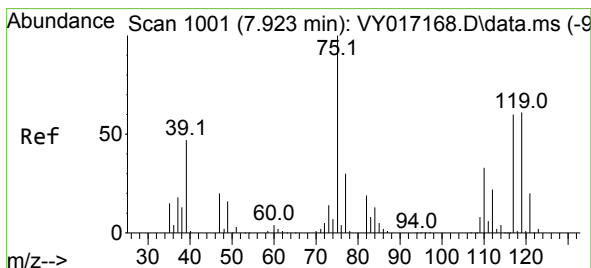
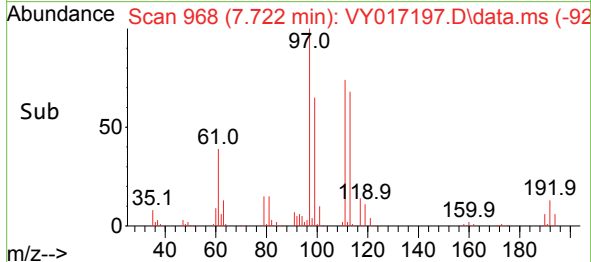
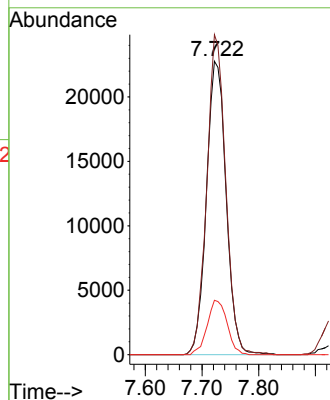
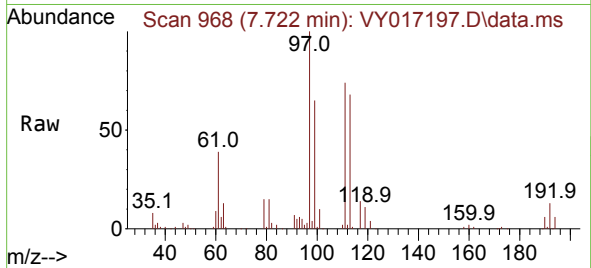




#35
Dibromofluoromethane
Concen: 51.263 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

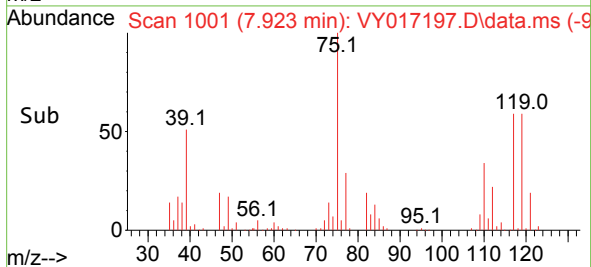
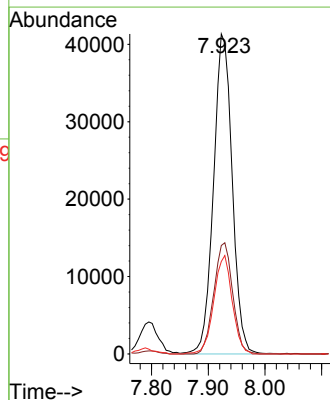
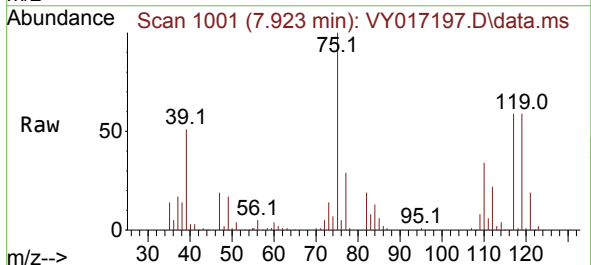
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

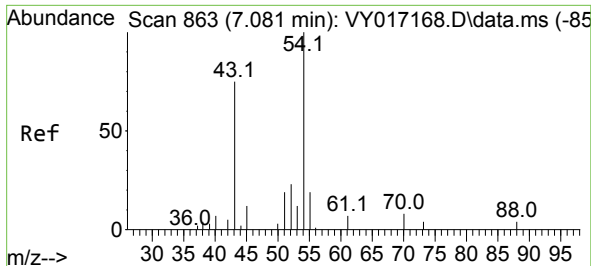
Tgt Ion:113 Resp: 55060
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.6
192 18.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 51.120 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 75 Resp: 94710
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 30.3 24.7 37.1

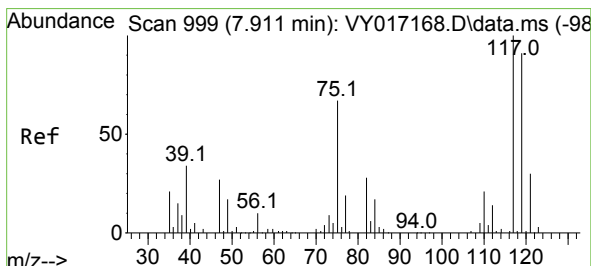
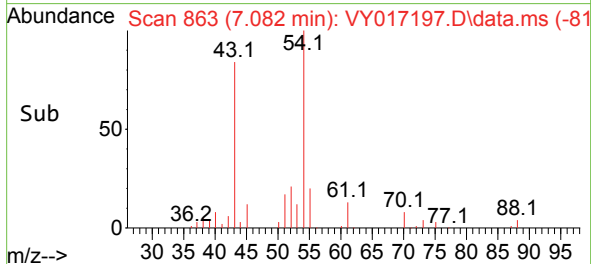
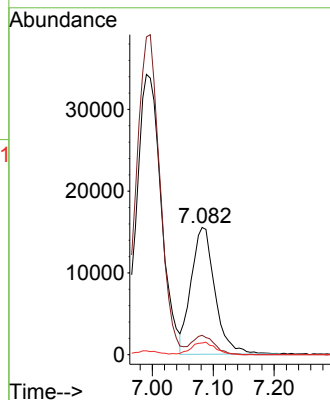
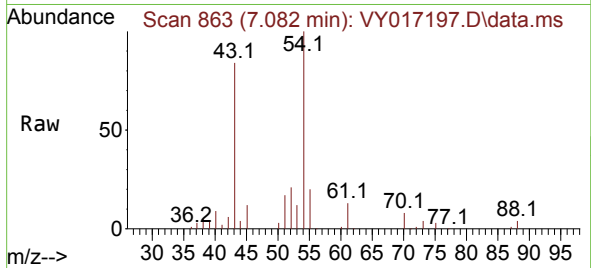




#37
Ethyl Acetate
Concen: 48.858 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

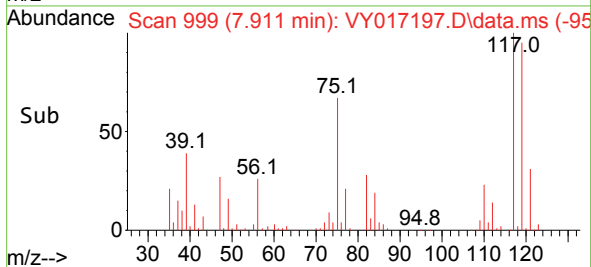
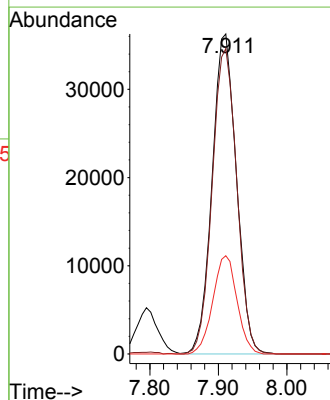
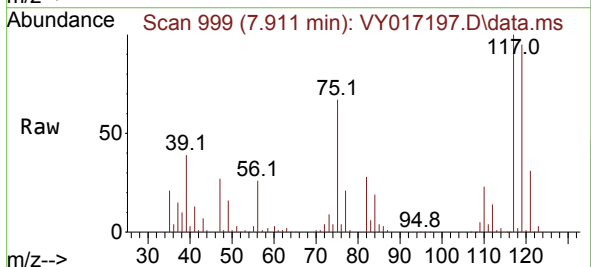
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

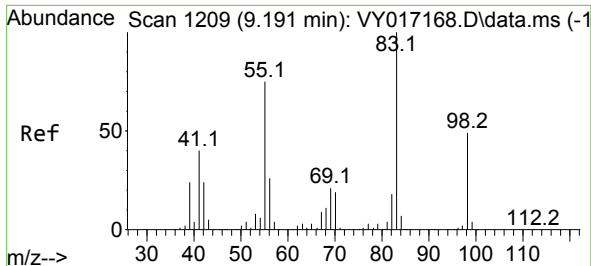
Tgt Ion: 43	Resp: 41984
Ion Ratio	Lower Upper
43	100
61	14.7 11.0 16.6
70	9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.411 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 117	Resp: 89424
Ion Ratio	Lower Upper
117	100
119	95.4 76.0 114.0
121	30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 48.905 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

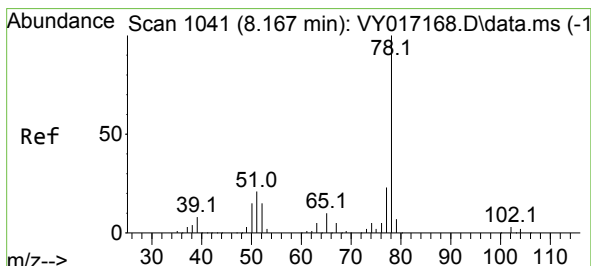
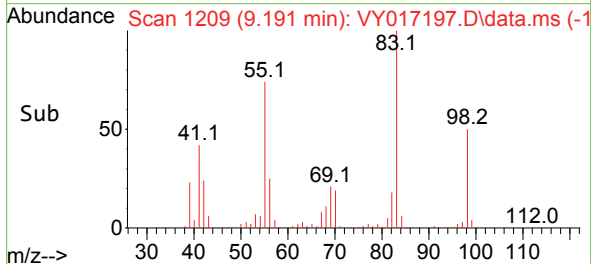
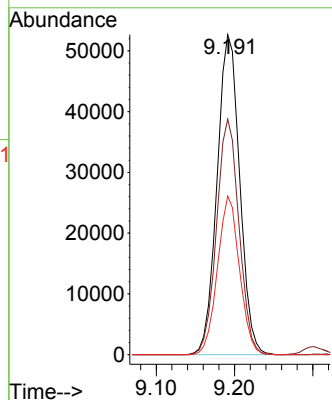
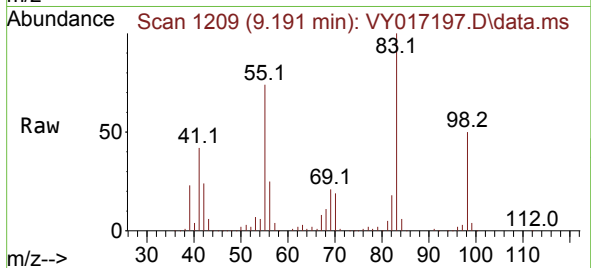
Tgt Ion: 83 Resp: 105853

Ion Ratio Lower Upper

83 100

55 73.6 59.7 89.5

98 49.5 38.0 57.0



#40

Benzene

Concen: 53.216 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017197.D

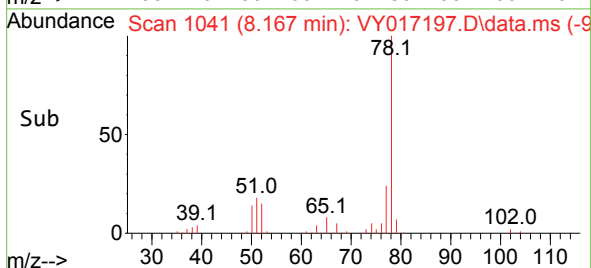
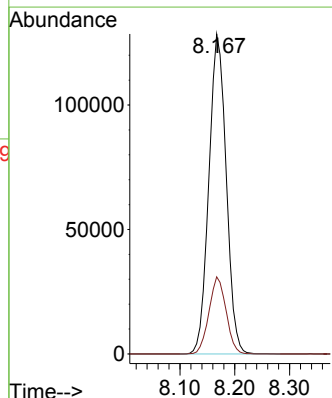
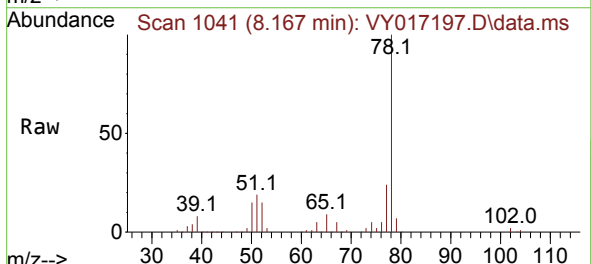
Acq: 02 Feb 2024 21:04

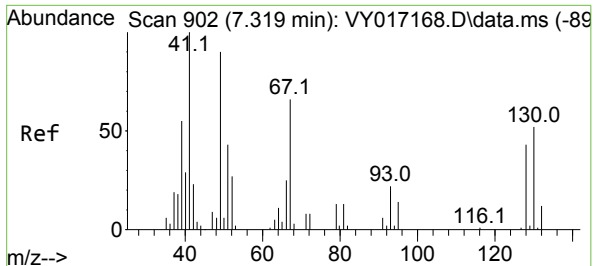
Tgt Ion: 78 Resp: 281553

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2



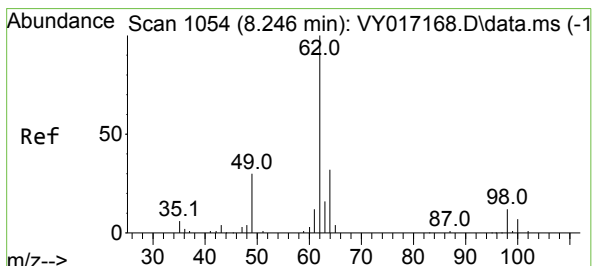
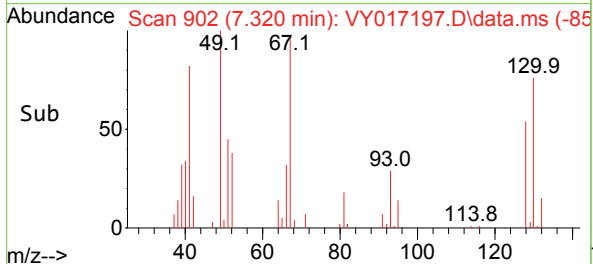
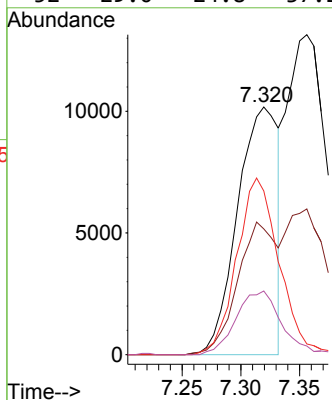
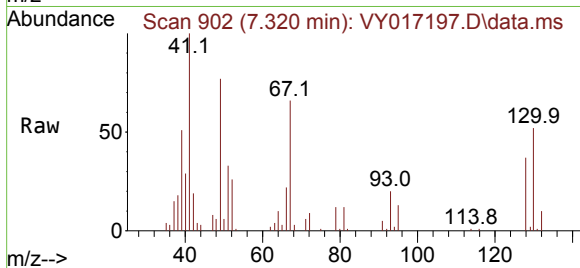


#41
Methacrylonitrile
Concen: 60.172 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 24498

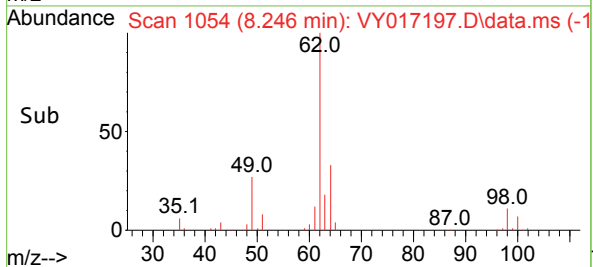
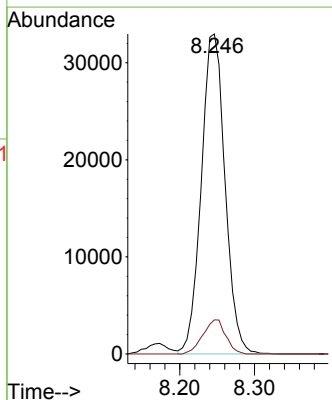
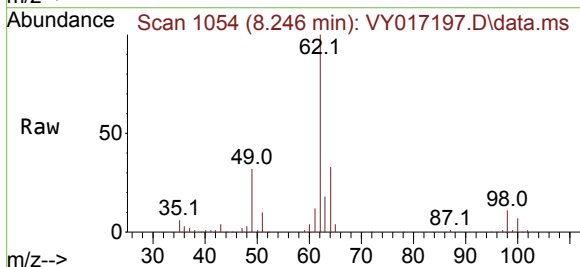
Ion	Ratio	Lower	Upper
41	100		
39	51.1	41.9	62.9
67	74.6	59.8	89.6
52	29.0	24.8	37.2

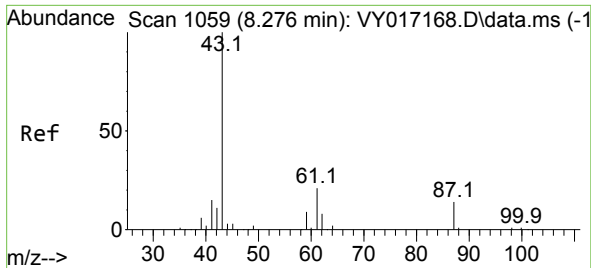


#42
1,2-Dichloroethane
Concen: 51.881 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 62 Resp: 72676

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

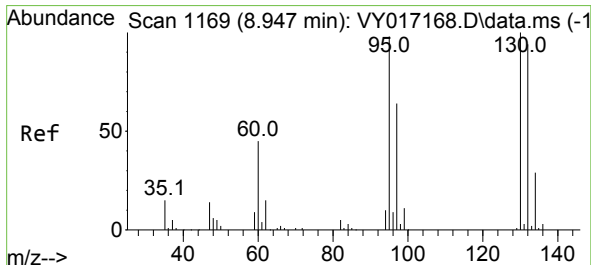
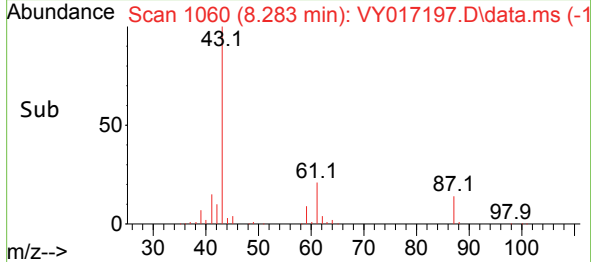
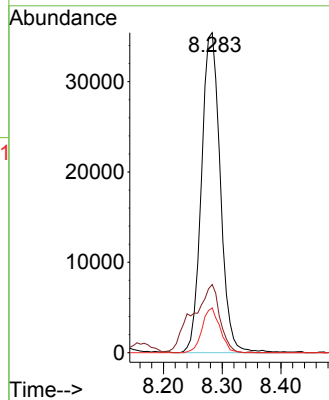
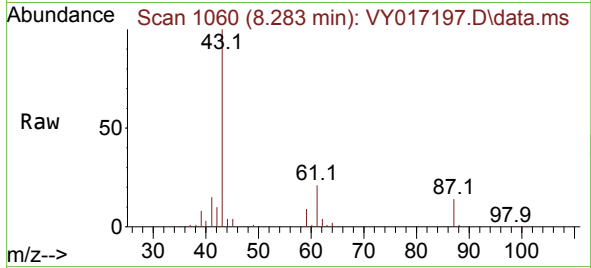




#43
Isopropyl Acetate
Concen: 51.794 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

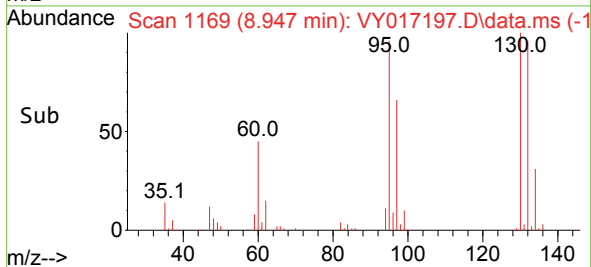
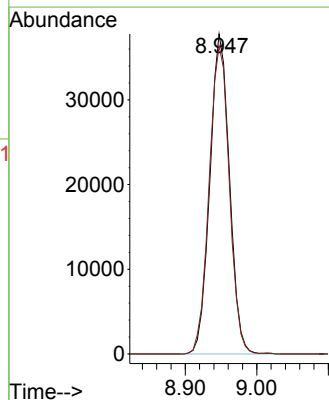
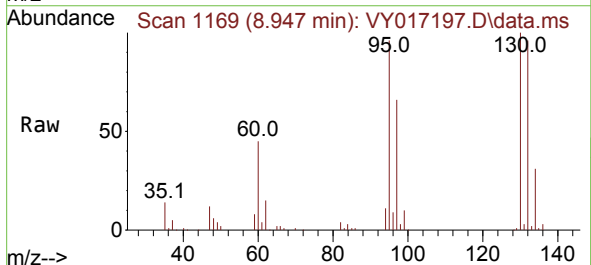
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 78786
Ion Ratio Lower Upper
43 100
61 30.7 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 53.561 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 130 Resp: 71934
Ion Ratio Lower Upper
130 100
95 96.3 0.0 203.8

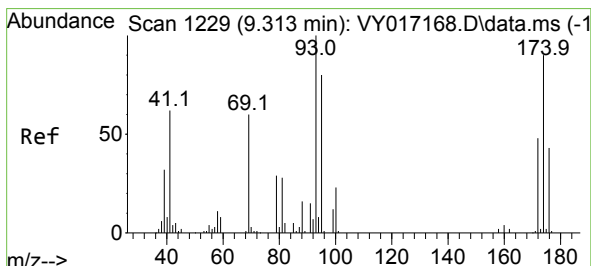
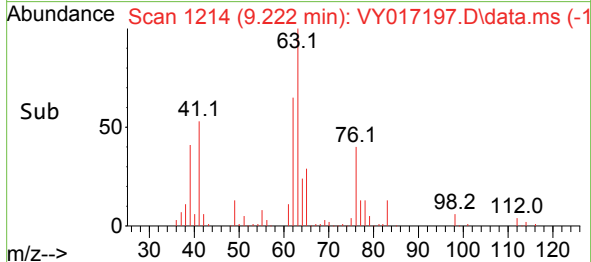
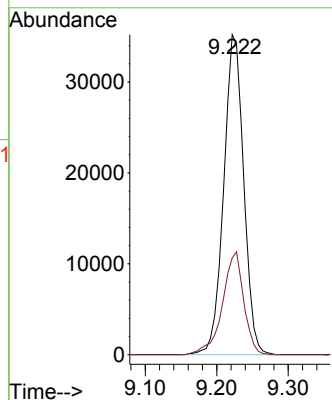
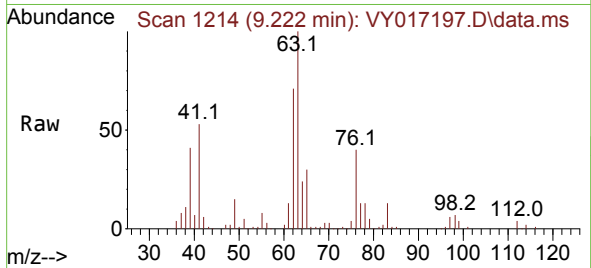




#45
1,2-Dichloropropane
Concen: 52.596 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

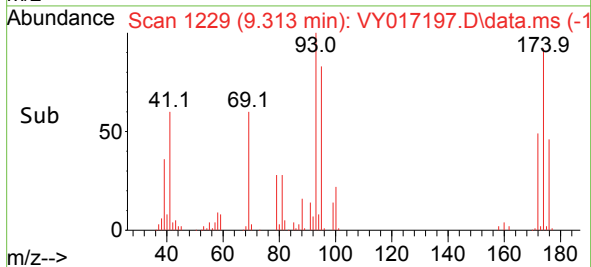
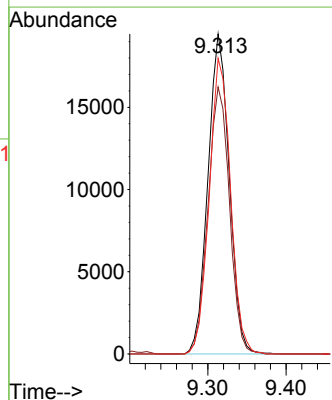
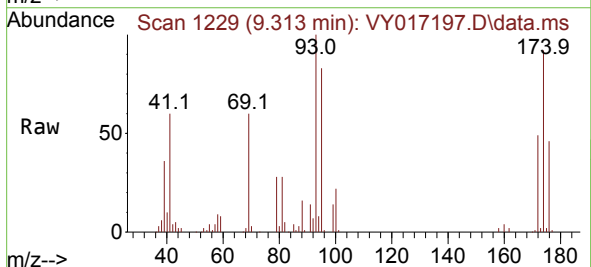
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

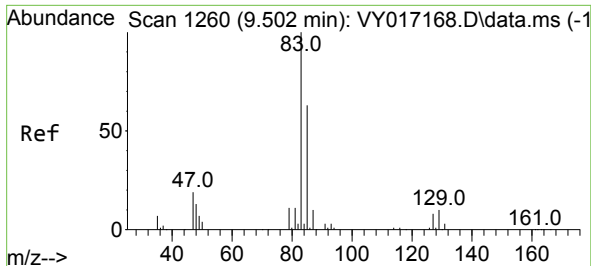
Tgt Ion: 63 Resp: 68352
Ion Ratio Lower Upper
63 100
65 30.2 24.6 36.8



#46
Dibromomethane
Concen: 52.445 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 93 Resp: 36816
Ion Ratio Lower Upper
93 100
95 84.1 66.6 99.8
174 92.3 73.8 110.6

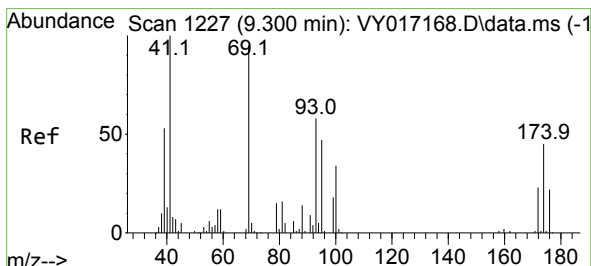
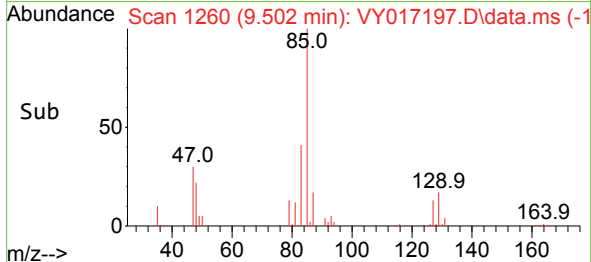
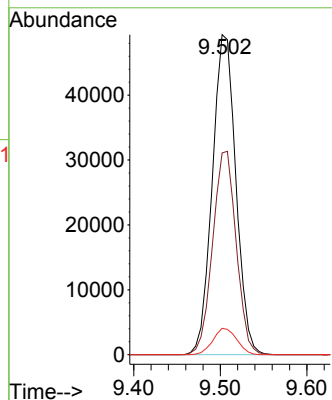
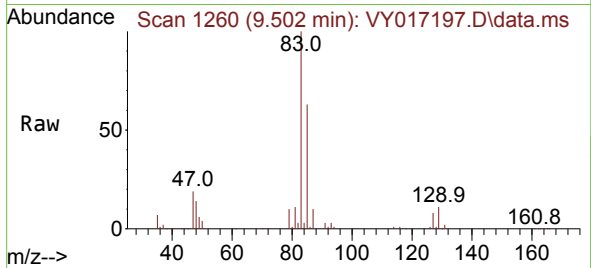




#47
Bromodichloromethane
Concen: 53.098 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

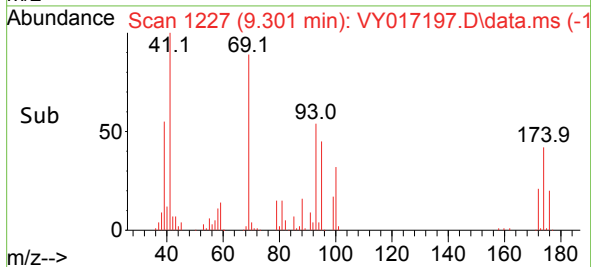
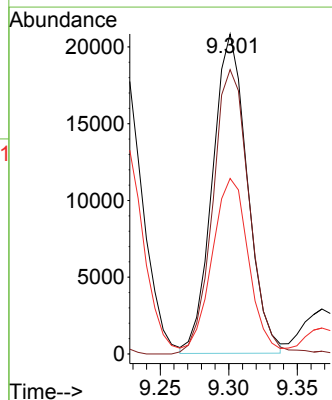
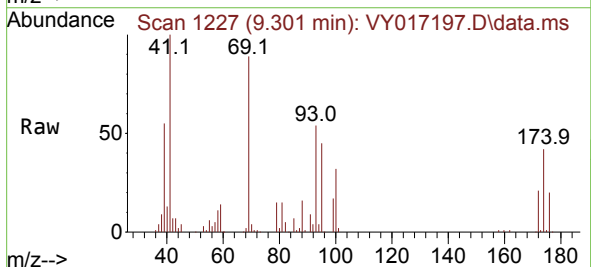
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

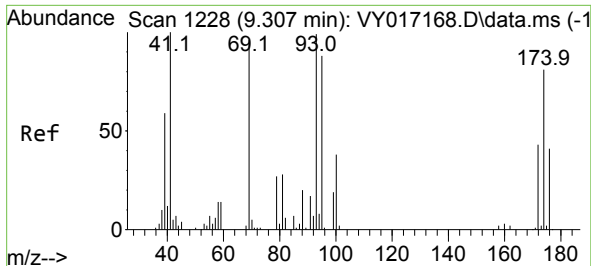
Tgt Ion: 83 Resp: 93285
Ion Ratio Lower Upper
83 100
85 63.0 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 51.725 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 41 Resp: 36906
Ion Ratio Lower Upper
41 100
69 93.0 72.1 108.1
39 57.6 42.8 64.2





#49

1,4-Dioxane

Concen: 1083.912 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

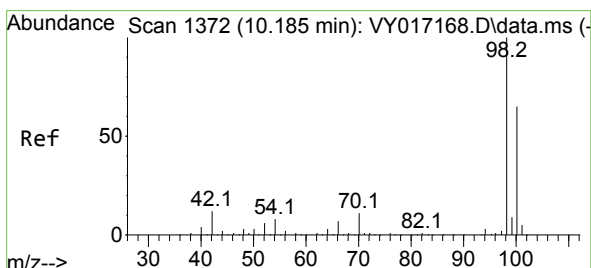
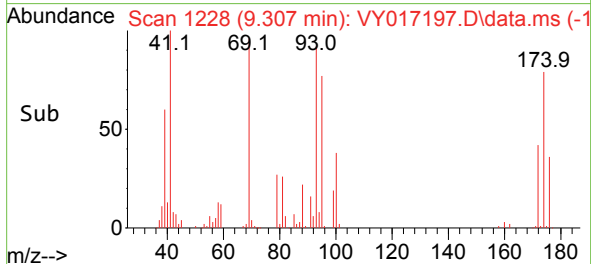
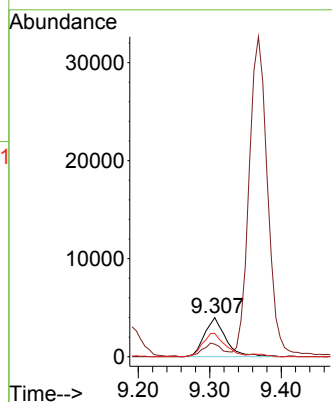
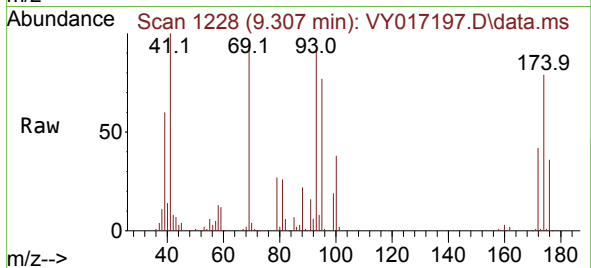
Tgt Ion: 88 Resp: 8282

Ion Ratio Lower Upper

88 100

43 33.2 28.2 42.4

58 62.8 52.2 78.2



#50

Toluene-d8

Concen: 52.997 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017197.D

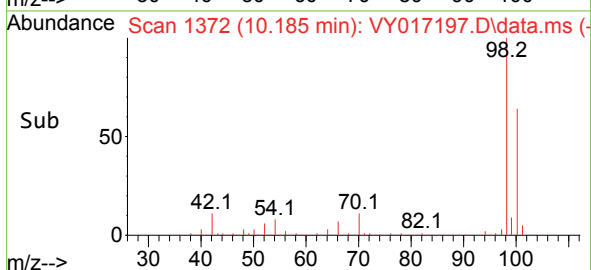
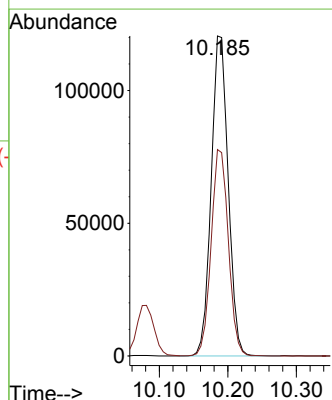
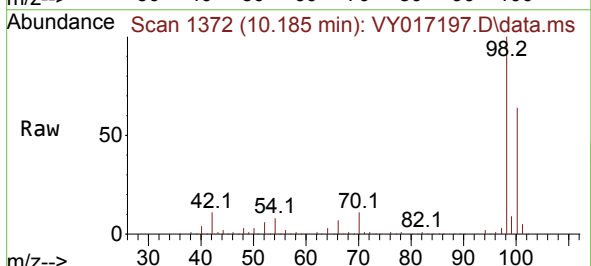
Acq: 02 Feb 2024 21:04

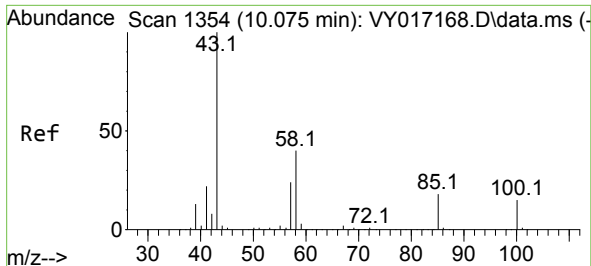
Tgt Ion: 98 Resp: 207251

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

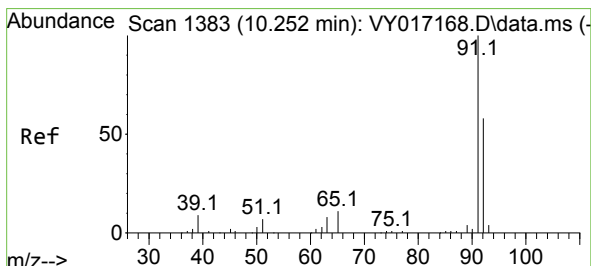
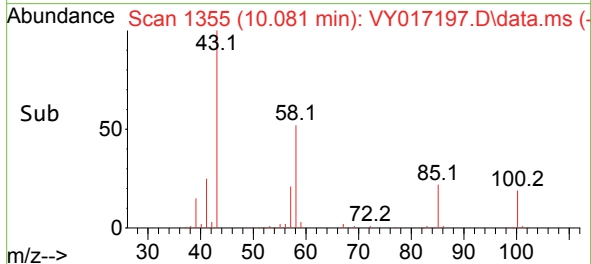
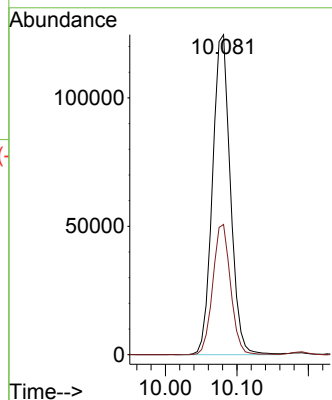
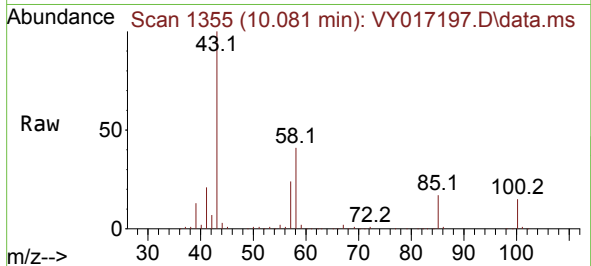




#51
4-Methyl-2-Pentanone
Concen: 265.514 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

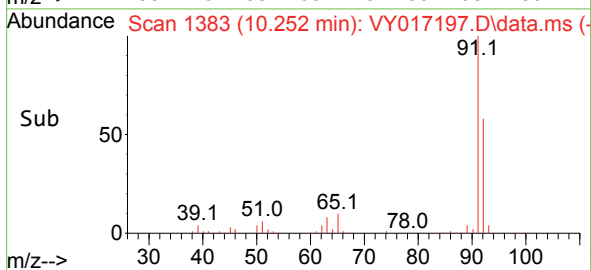
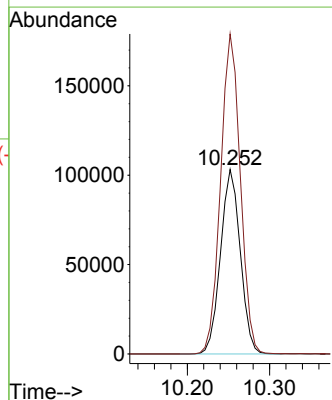
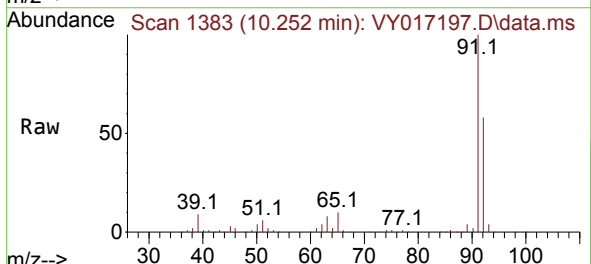
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

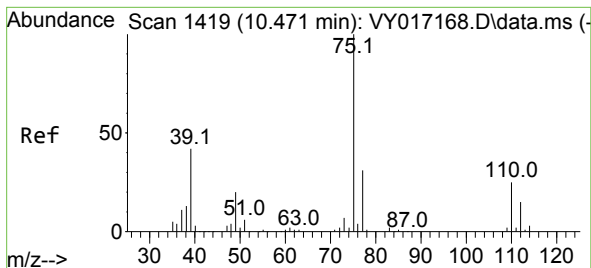
Tgt Ion: 43 Resp: 216502
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.2



#52
Toluene
Concen: 54.017 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 92 Resp: 172507
Ion Ratio Lower Upper
92 100
91 173.4 137.6 206.4

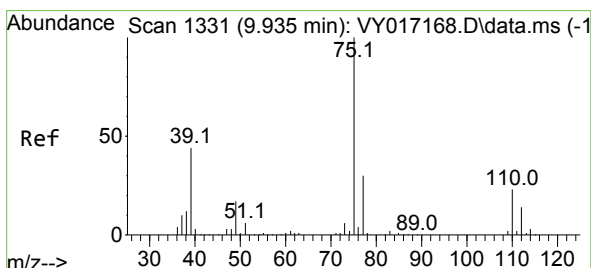
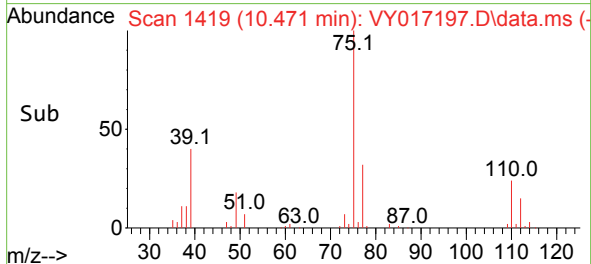
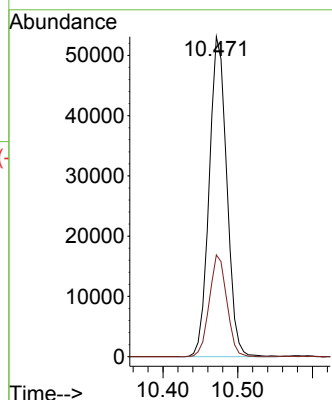
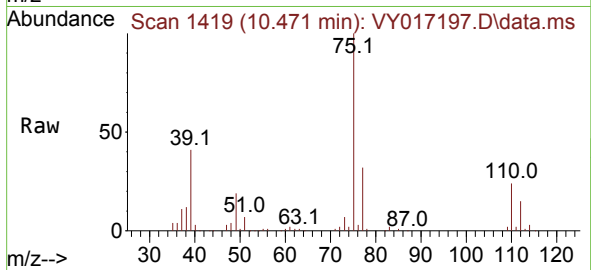




#53
t-1,3-Dichloropropene
Concen: 52.666 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

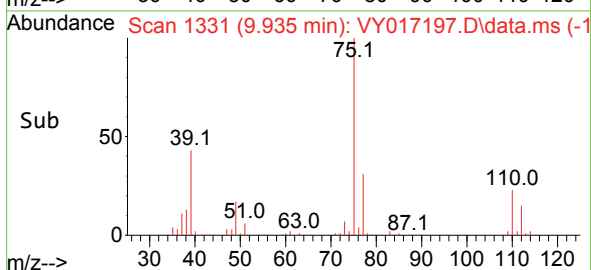
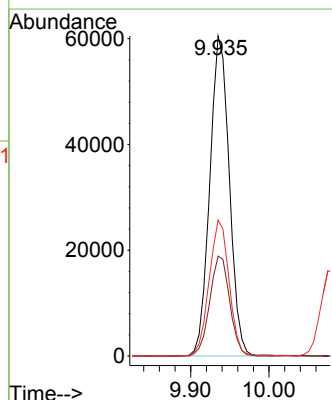
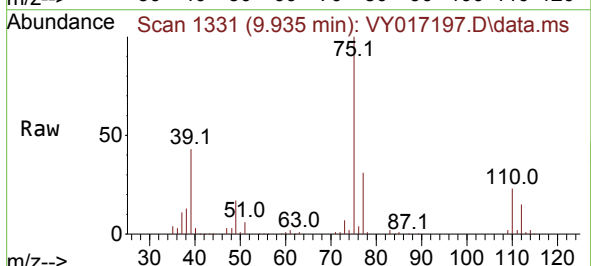
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

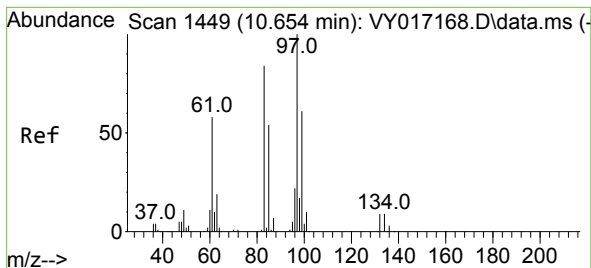
Tgt Ion: 75 Resp: 86909
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 53.006 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 75 Resp: 104771
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 42.5 33.6 50.4

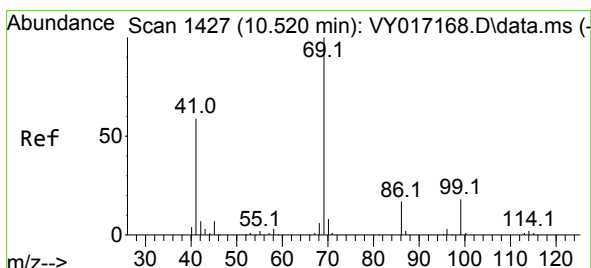
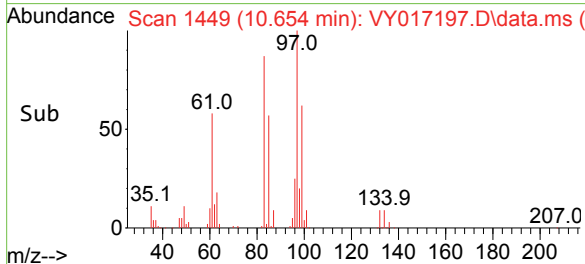
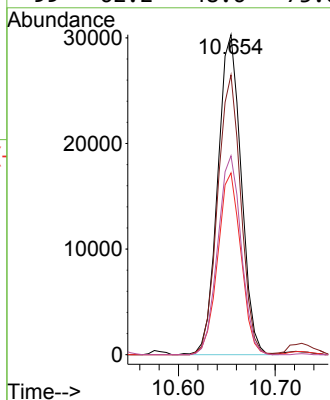
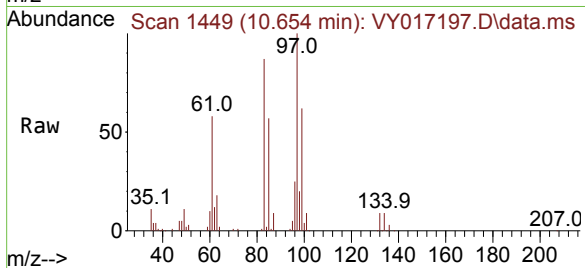




#55
1,1,2-Trichloroethane
Concen: 53.460 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

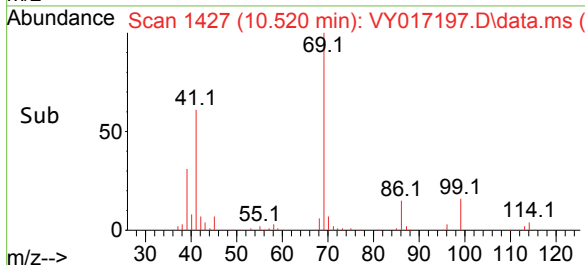
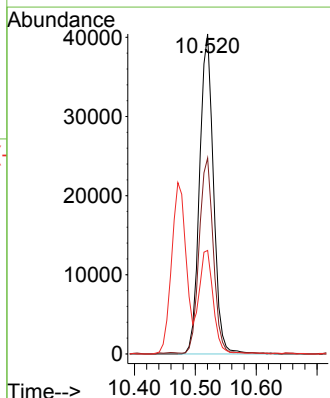
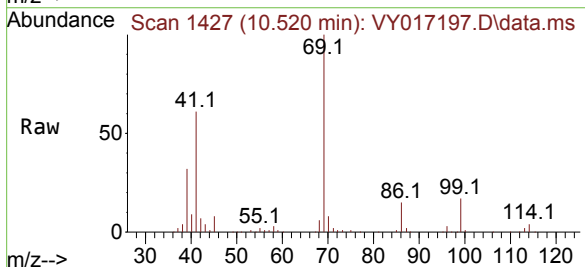
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

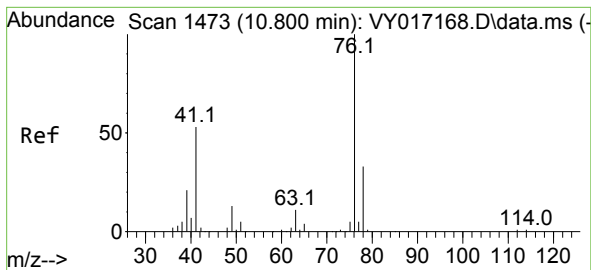
Tgt Ion: 97	Resp: 51060
Ion Ratio	Lower Upper
97 100	
83 87.4	69.4 104.2
85 56.8	43.9 65.9
99 62.2	48.6 73.0



#56
Ethyl methacrylate
Concen: 49.971 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 69	Resp: 64213
Ion Ratio	Lower Upper
69 100	
41 61.7	49.2 73.8
39 32.5	26.8 40.2

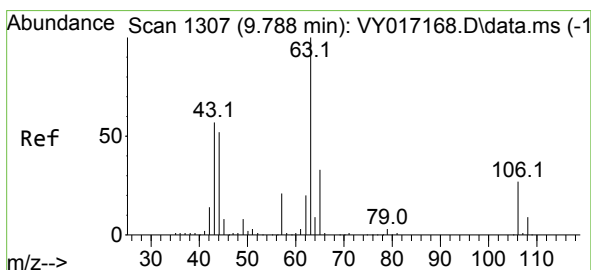
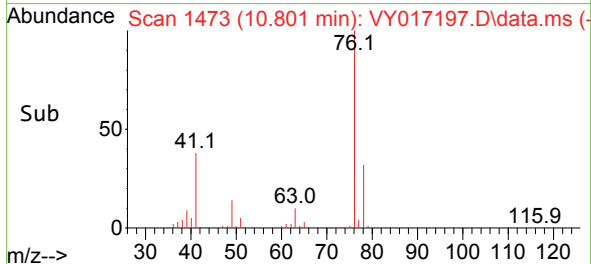
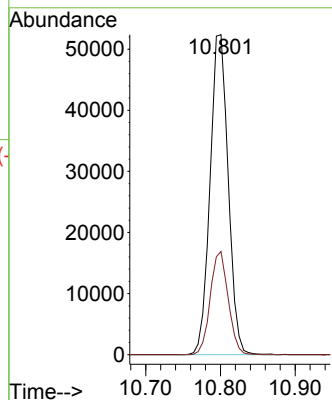
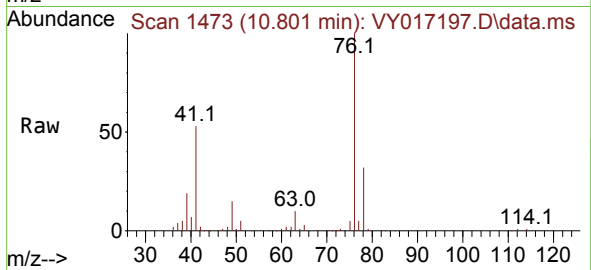




#57
1,3-Dichloropropane
Concen: 53.795 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

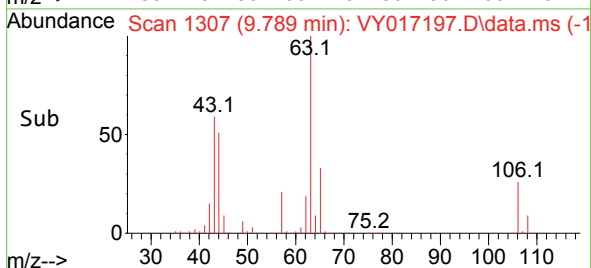
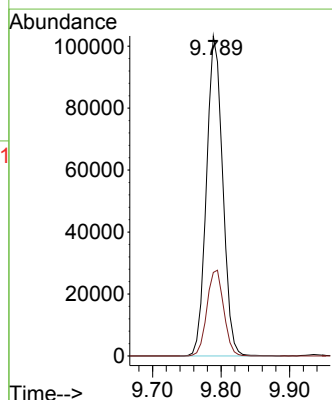
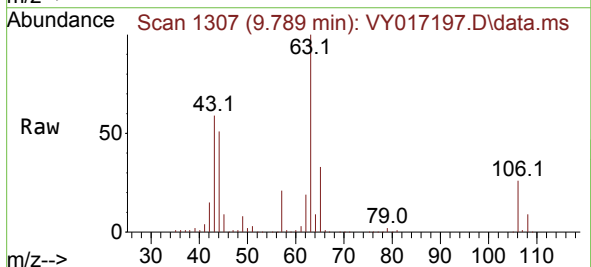
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

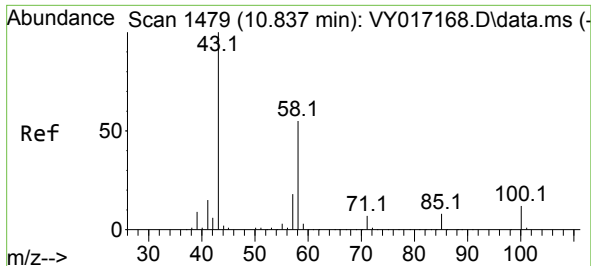
Tgt Ion: 76 Resp: 88372
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 286.159 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 63 Resp: 170269
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6

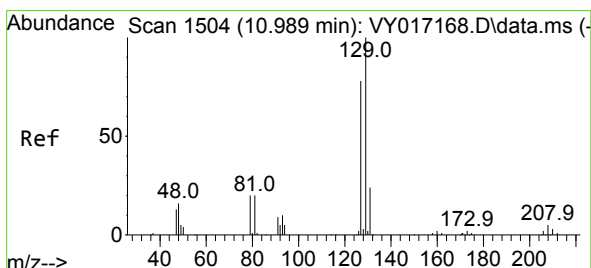
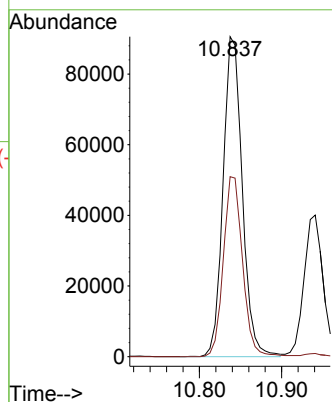
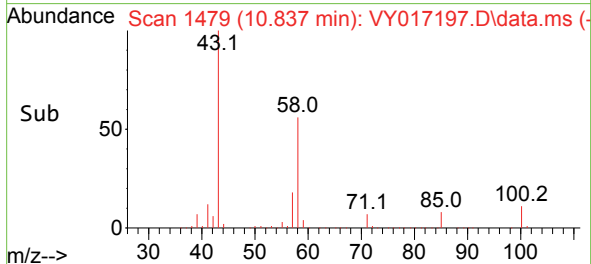
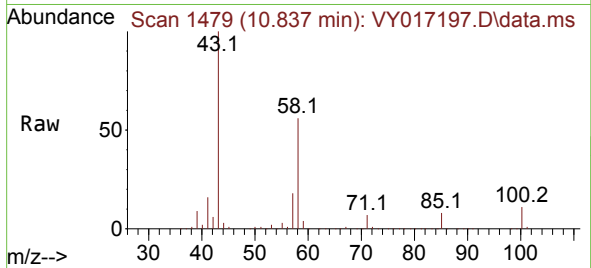




#59
2-Hexanone
Concen: 249.464 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

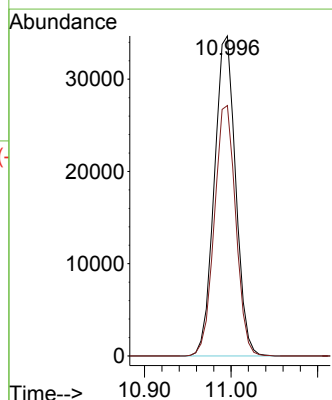
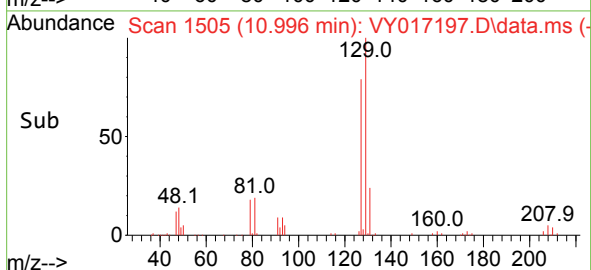
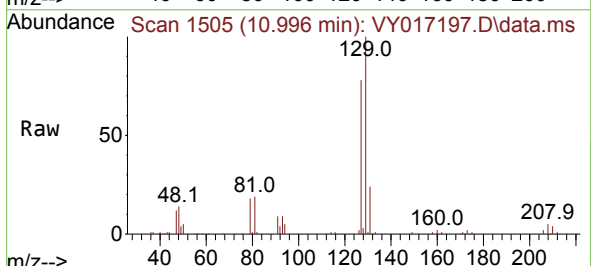
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

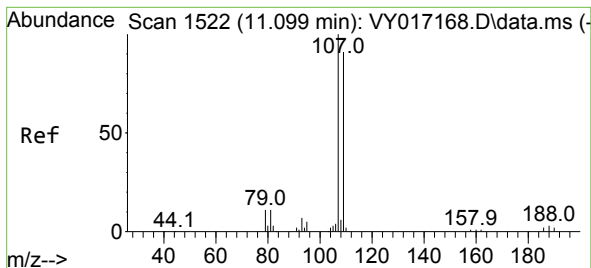
Tgt Ion: 43 Resp: 147090
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 52.898 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion:129 Resp: 59271
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

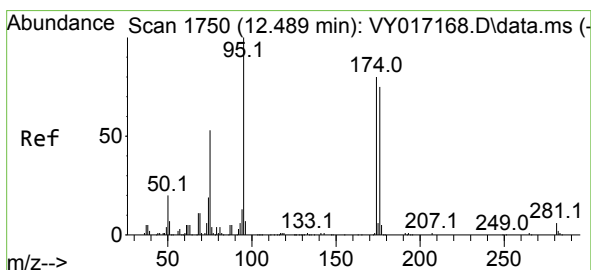
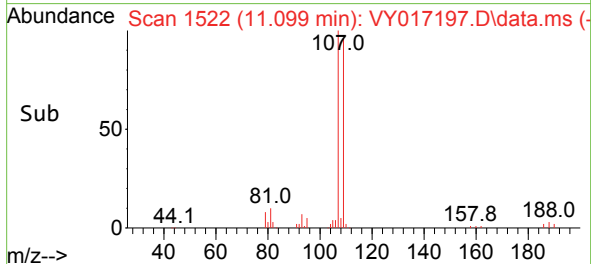
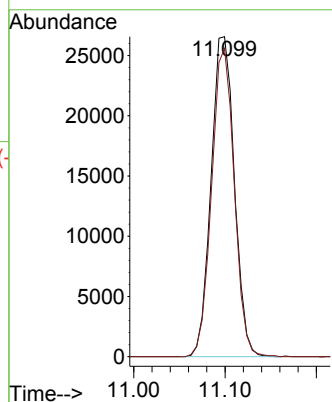
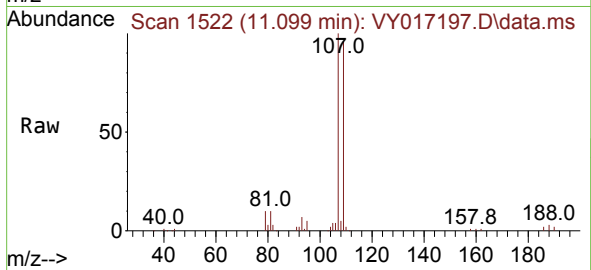




#61
1,2-Dibromoethane
Concen: 52.917 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

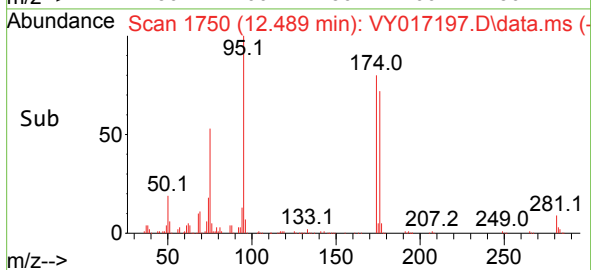
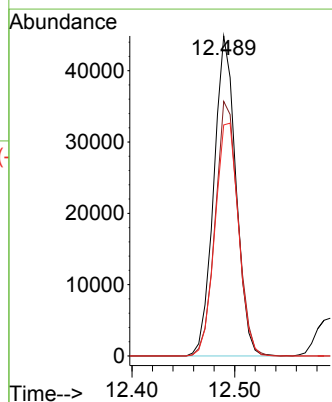
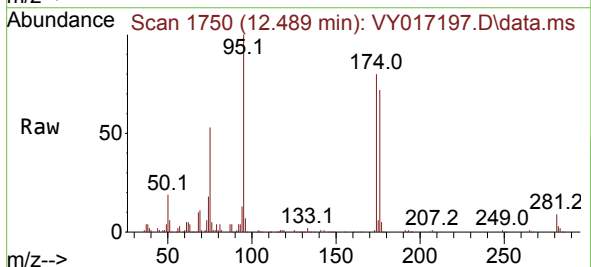
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

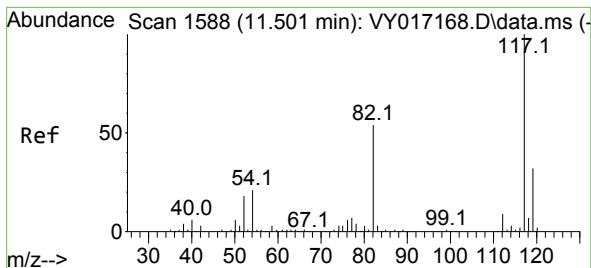
Tgt Ion:107 Resp: 47005
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.305 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion: 95 Resp: 67005
Ion Ratio Lower Upper
95 100
174 81.5 0.0 160.0
176 77.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

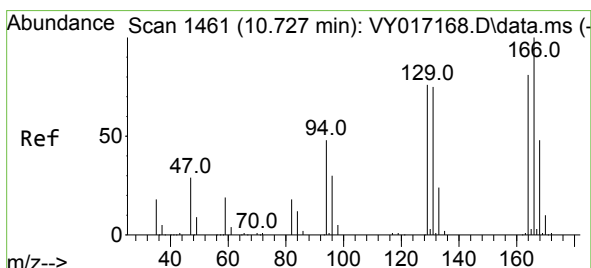
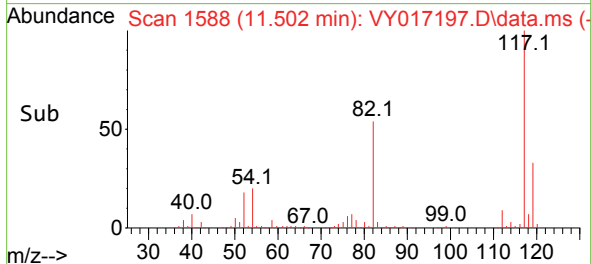
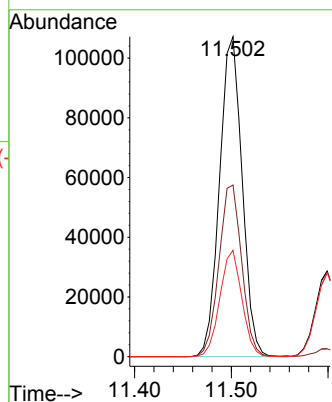
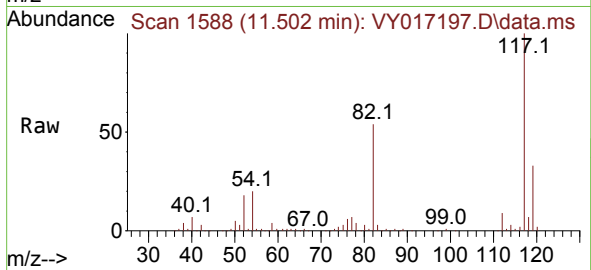
Tgt Ion:117 Resp: 173654

Ion Ratio Lower Upper

117 100

82 53.6 43.8 65.8

119 33.3 26.5 39.7



#64

Tetrachloroethene

Concen: 53.971 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Tgt Ion:164 Resp: 60868

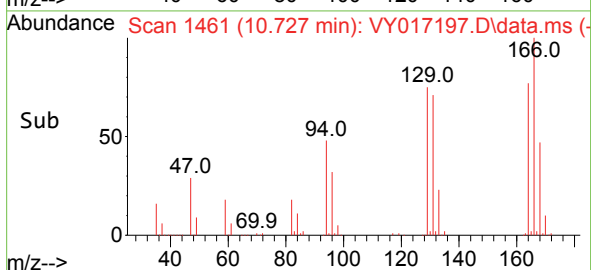
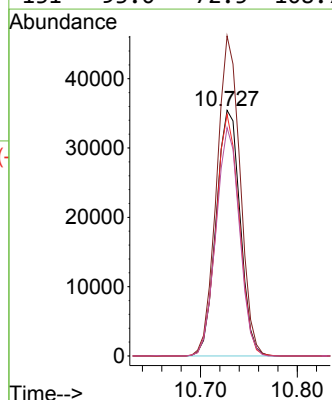
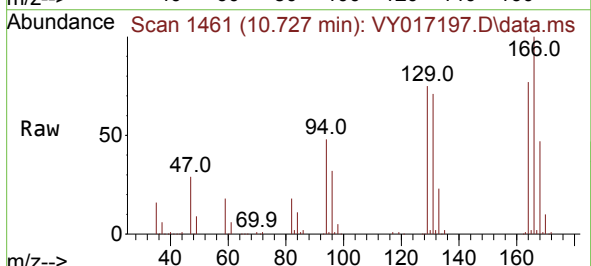
Ion Ratio Lower Upper

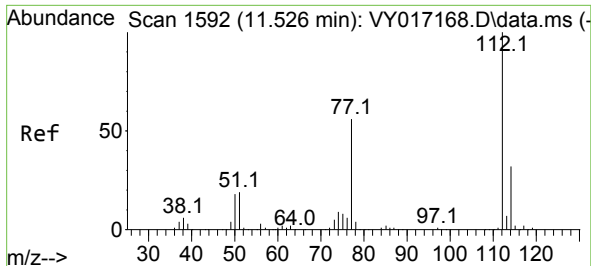
164 100

166 130.3 98.8 148.2

129 98.4 78.9 118.3

131 93.0 72.5 108.7

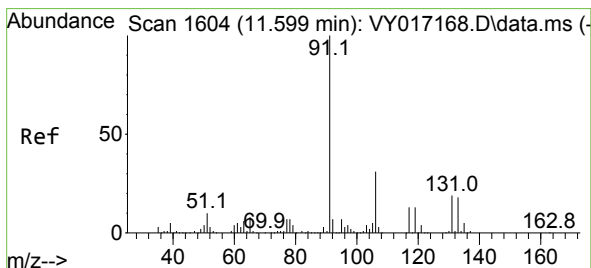
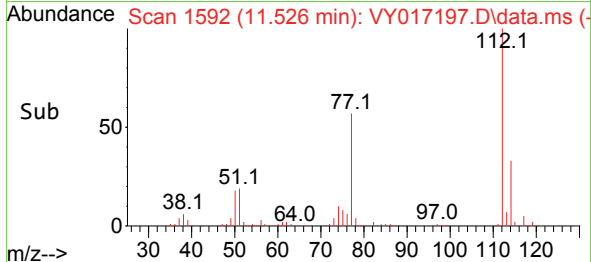
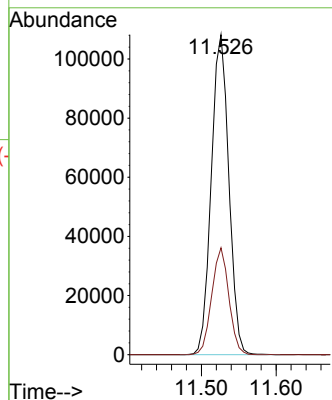
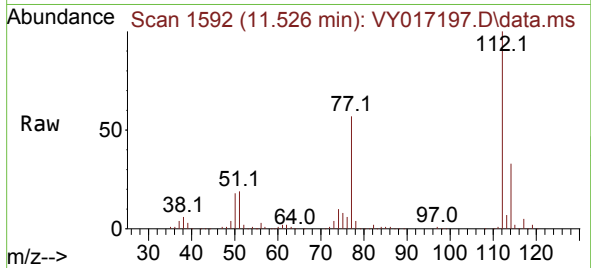




#65
Chlorobenzene
Concen: 52.819 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

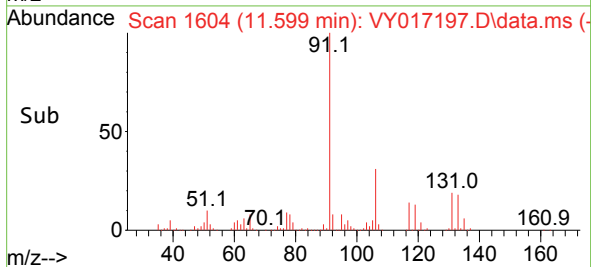
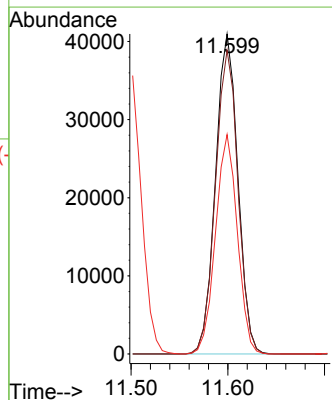
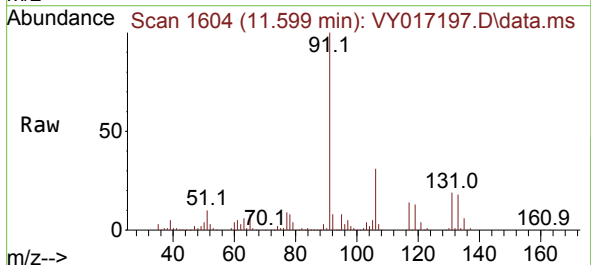
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

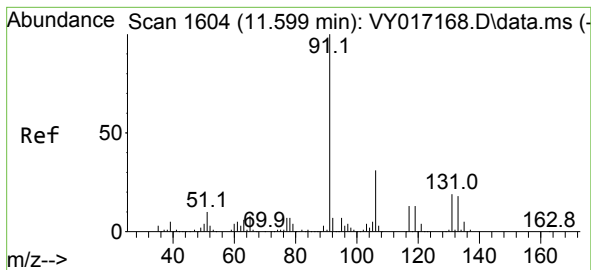
Tgt Ion:112 Resp: 176939
Ion Ratio Lower Upper
112 100
114 33.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 54.055 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion:131 Resp: 65807
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.0
119 67.0 33.3 99.9





#67

Ethyl Benzene

Concen: 53.892 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

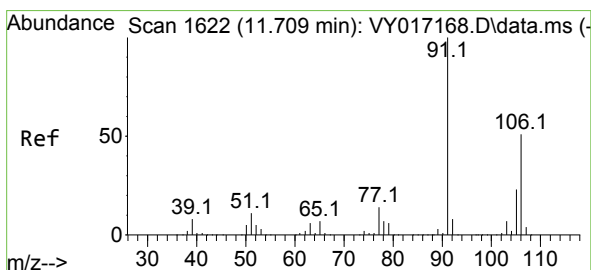
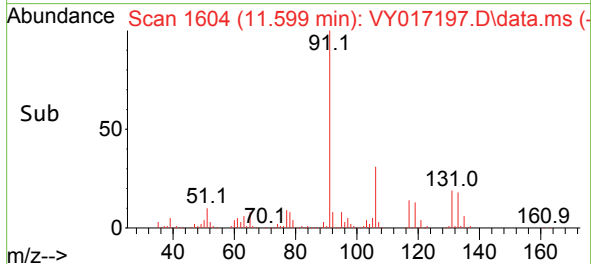
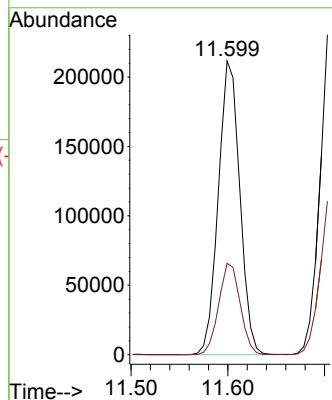
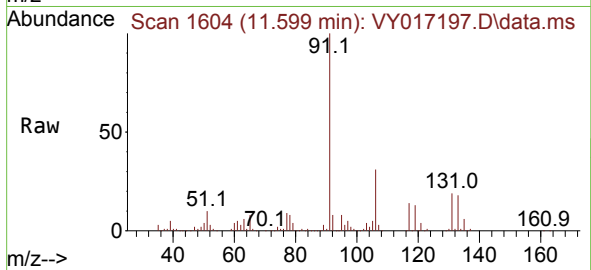
VSTDCCC050

Tgt Ion: 91 Resp: 326277

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



#68

m/p-Xylenes

Concen: 108.951 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017197.D

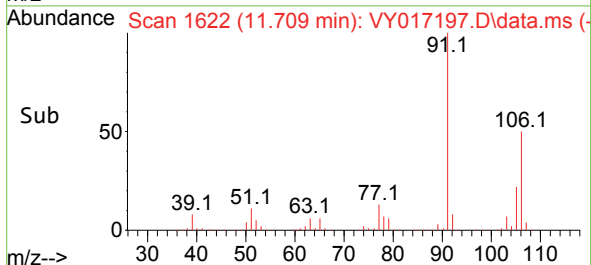
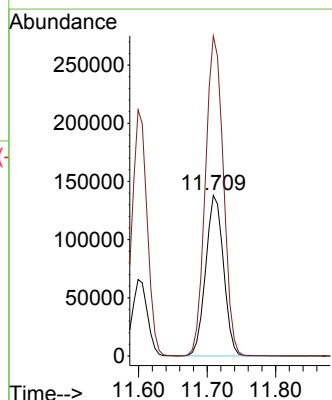
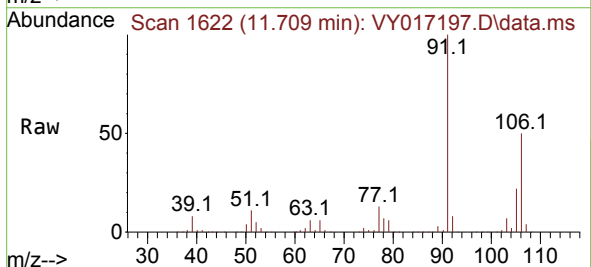
Acq: 02 Feb 2024 21:04

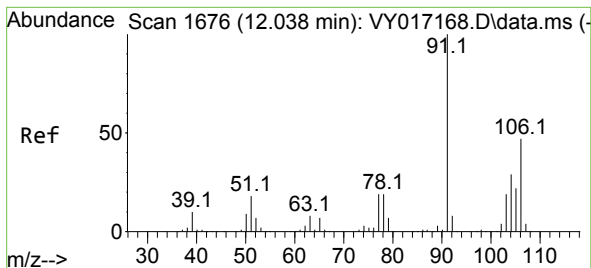
Tgt Ion: 106 Resp: 250324

Ion Ratio Lower Upper

106 100

91 201.0 160.7 241.1





#69

o-Xylene

Concen: 55.203 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

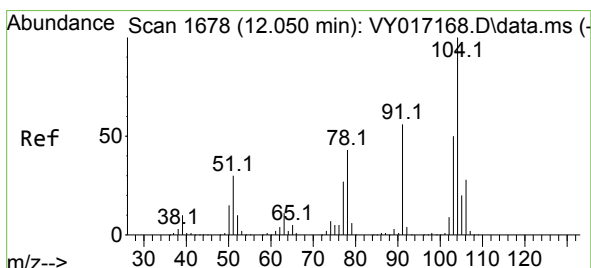
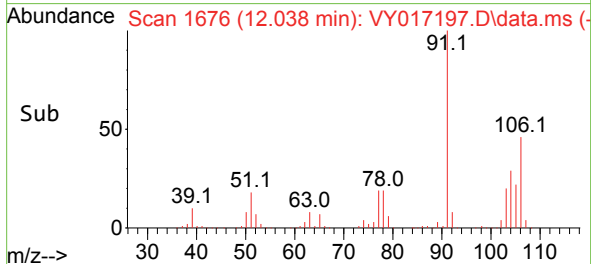
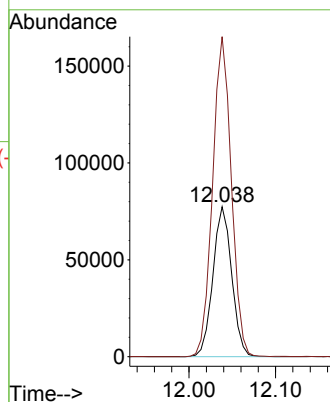
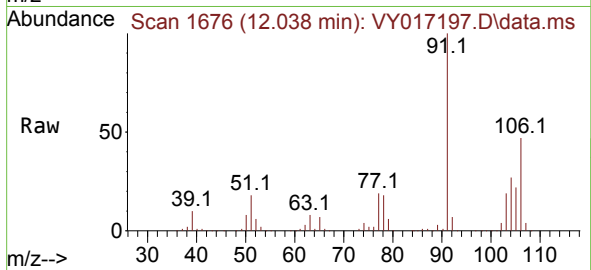
VSTDCCC050

Tgt Ion:106 Resp: 116800

Ion Ratio Lower Upper

106 100

91 212.6 106.5 319.5



#70

Styrene

Concen: 56.394 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

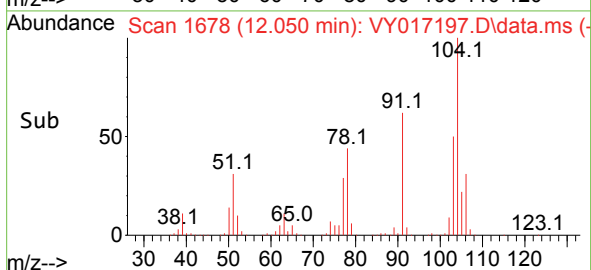
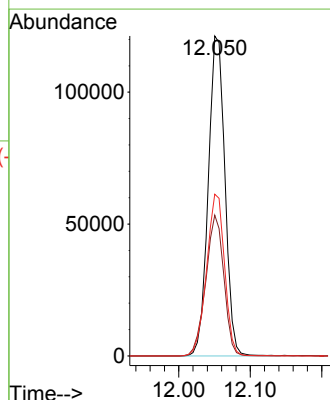
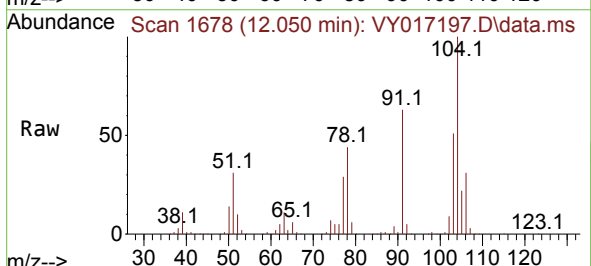
Tgt Ion:104 Resp: 196595

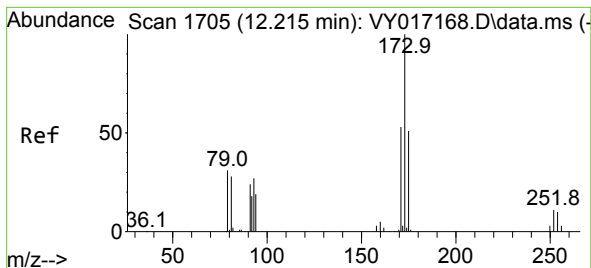
Ion Ratio Lower Upper

104 100

78 47.7 39.2 58.8

103 54.7 43.8 65.6





#71

Bromoform

Concen: 53.269 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

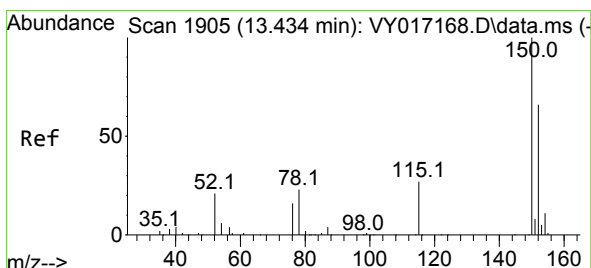
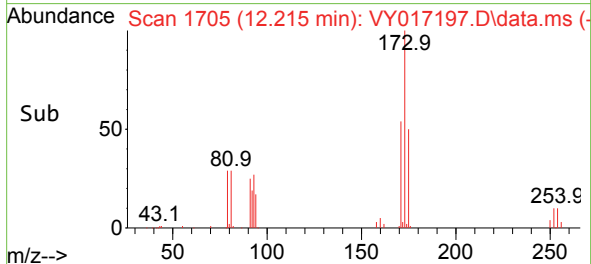
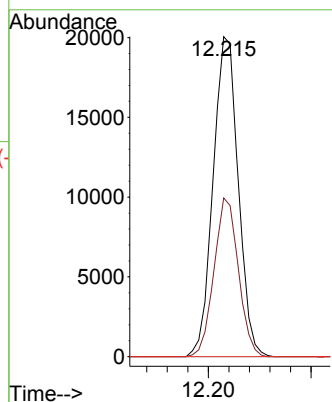
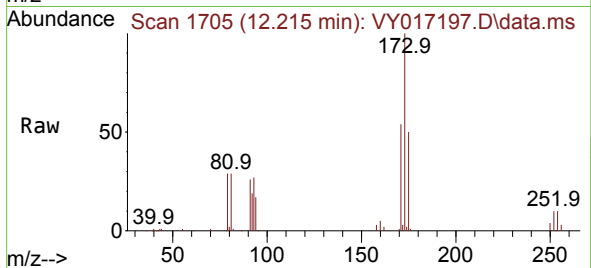
Tgt Ion:173 Resp: 33962

Ion Ratio Lower Upper

173 100

175 48.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

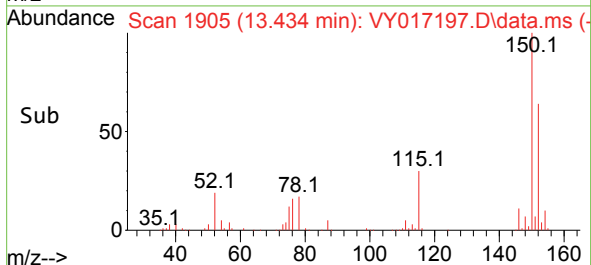
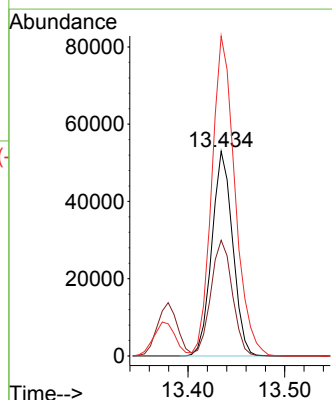
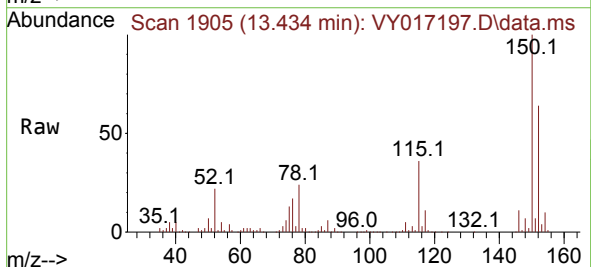
Tgt Ion:152 Resp: 79382

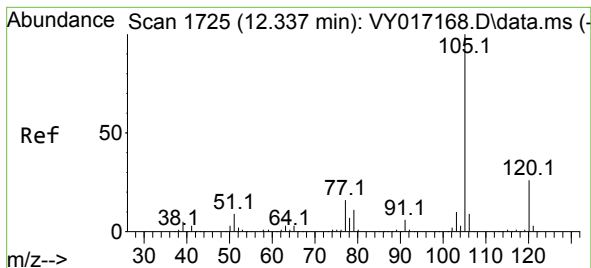
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 173.6 0.0 344.6





#73

Isopropylbenzene

Concen: 52.251 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

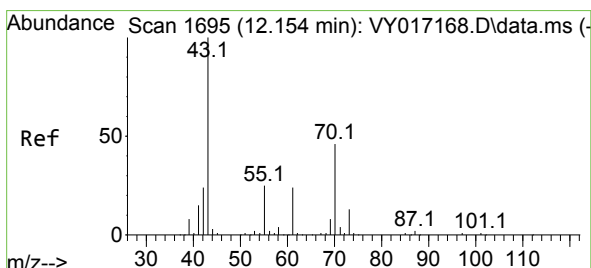
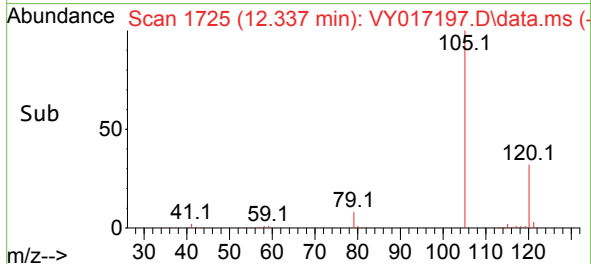
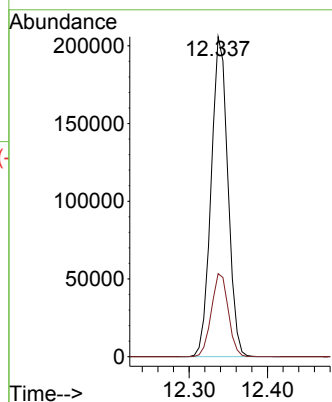
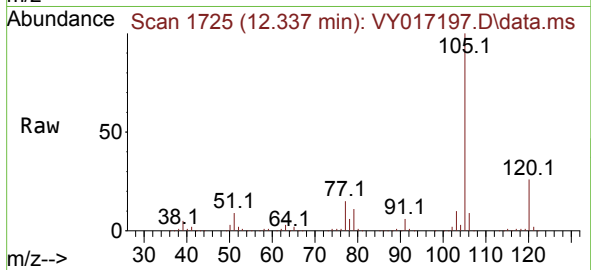
VSTDCCC050

Tgt Ion:105 Resp: 304710

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 51.625 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Tgt Ion: 43 Resp: 67647

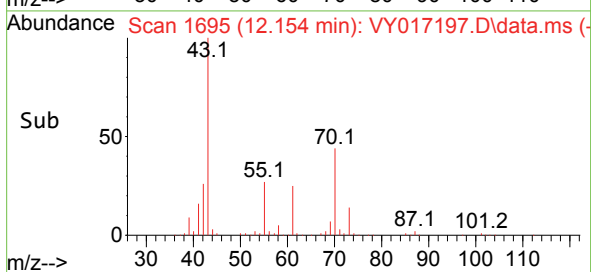
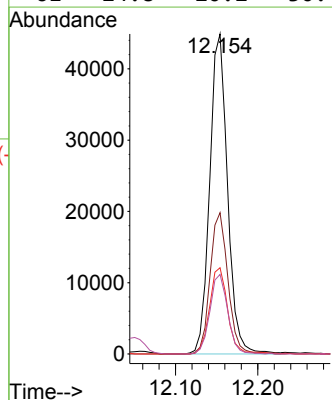
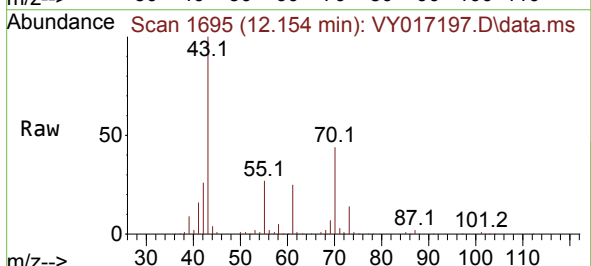
Ion Ratio Lower Upper

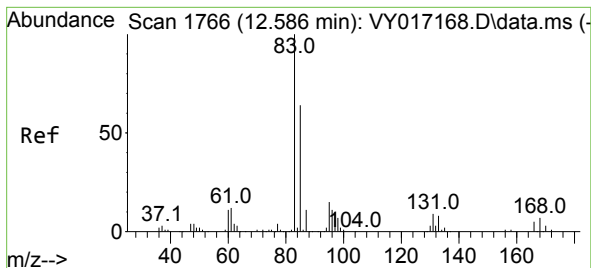
43 100

70 44.2 36.6 55.0

55 27.6 22.2 33.4

61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.839 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

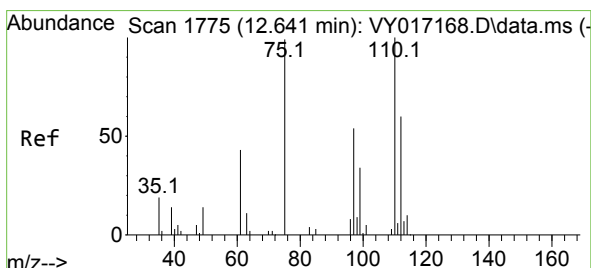
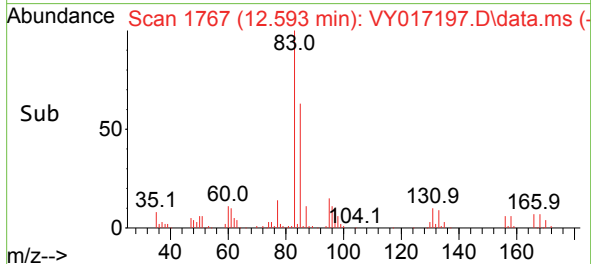
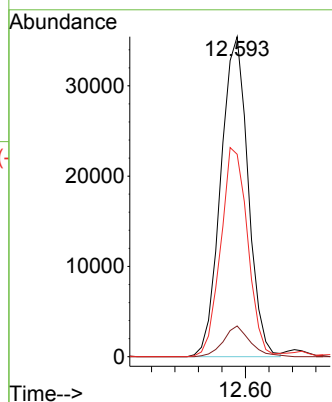
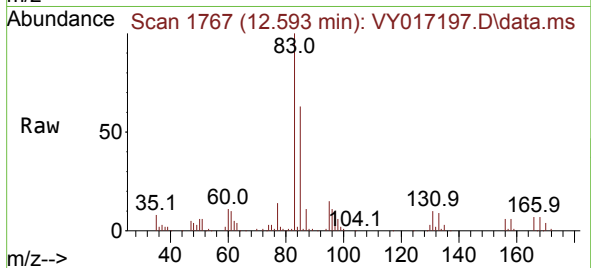
Tgt Ion: 83 Resp: 57165

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 97.383 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017197.D

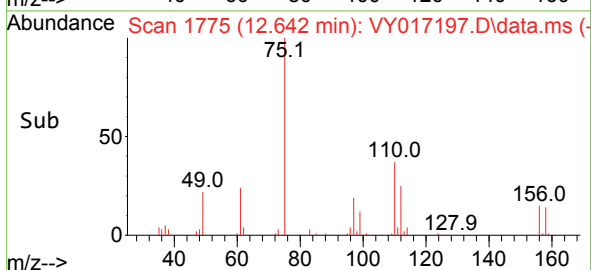
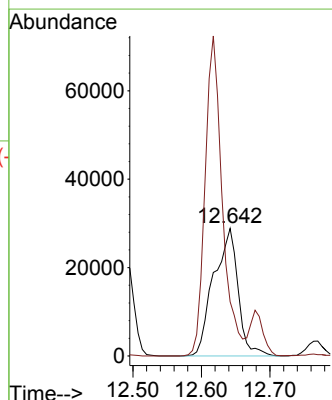
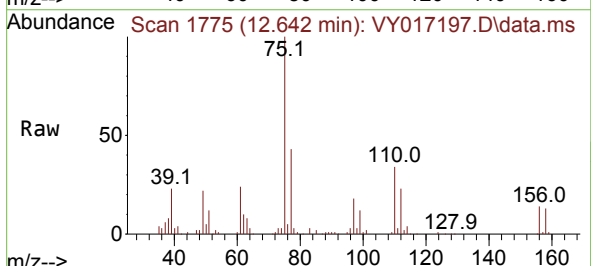
Acq: 02 Feb 2024 21:04

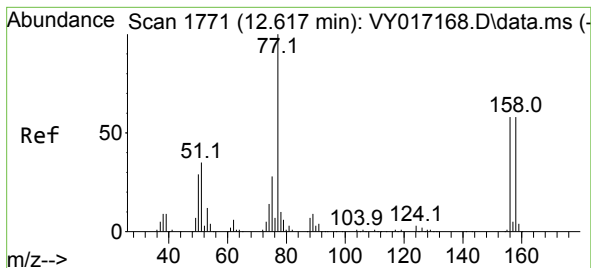
Tgt Ion: 75 Resp: 71351

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.607 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

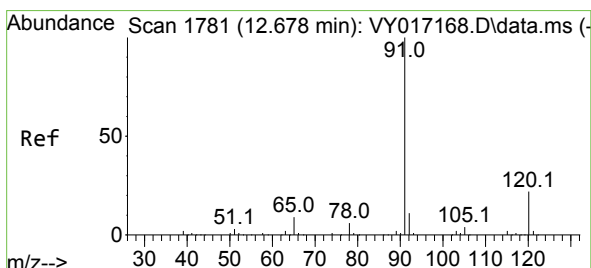
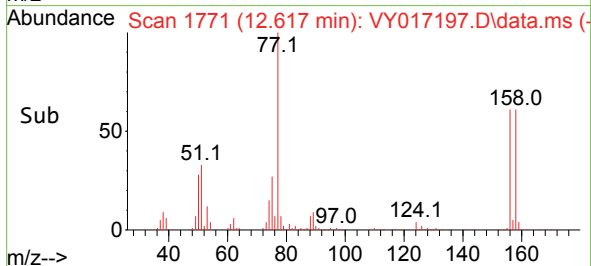
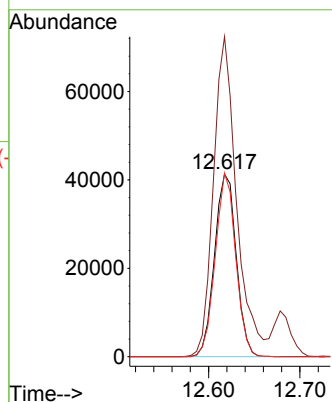
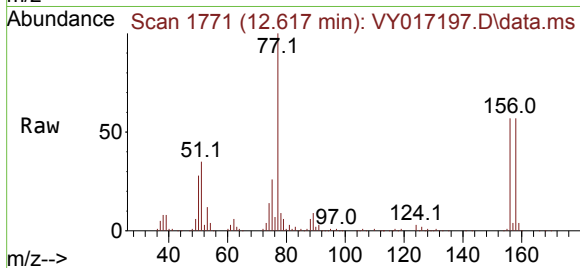
Tgt Ion:156 Resp: 68050

Ion Ratio Lower Upper

156 100

77 186.2 97.3 291.8

158 95.0 48.4 145.0



#78

n-propylbenzene

Concen: 52.379 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017197.D

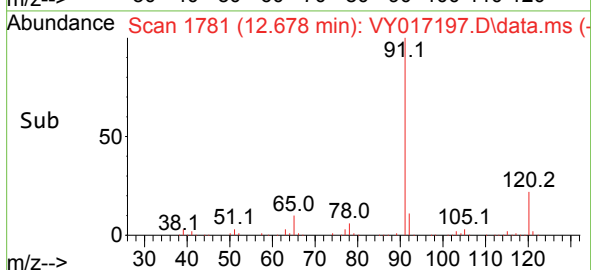
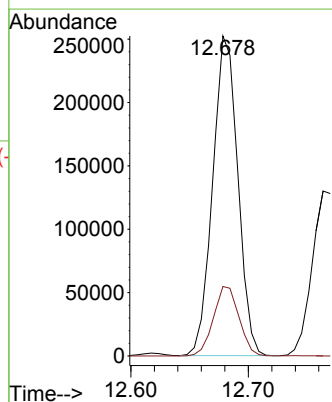
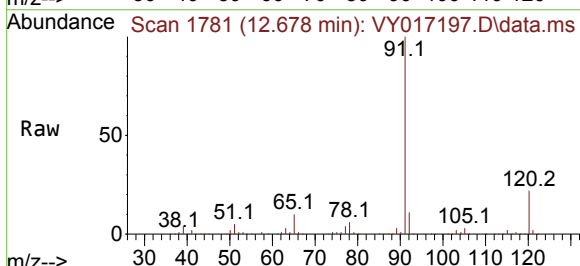
Acq: 02 Feb 2024 21:04

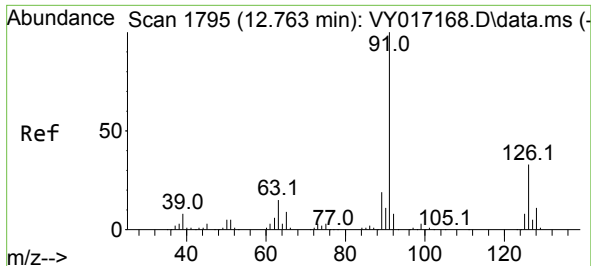
Tgt Ion: 91 Resp: 375160

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 52.683 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

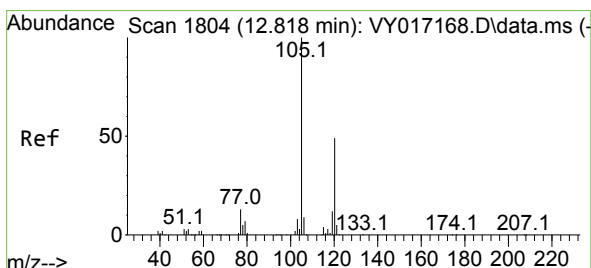
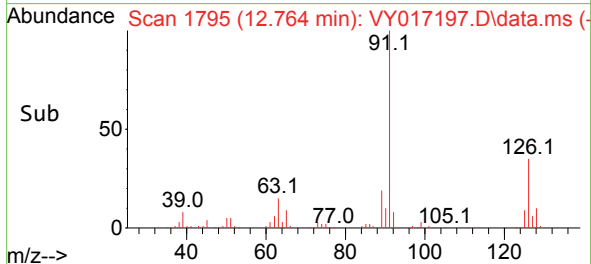
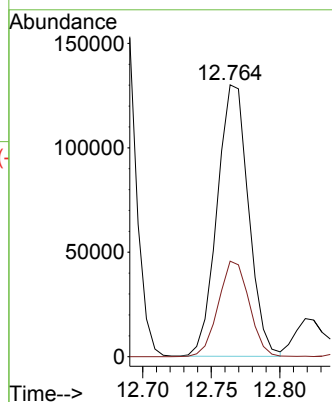
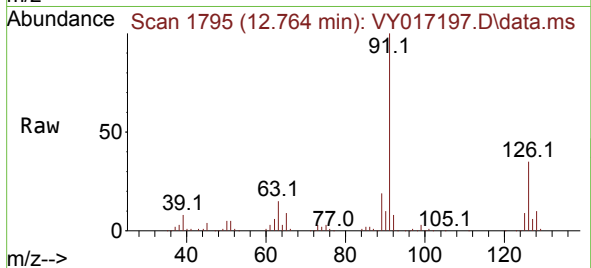
VSTDCCC050

Tgt Ion: 91 Resp: 207449

Ion Ratio Lower Upper

91 100

126 34.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 53.343 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017197.D

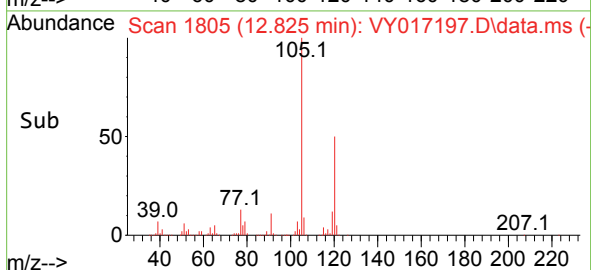
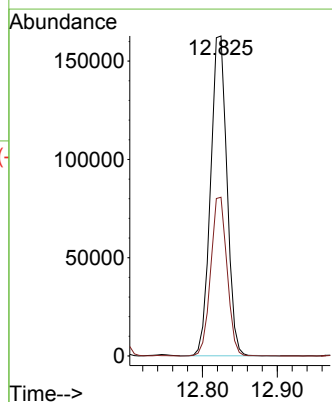
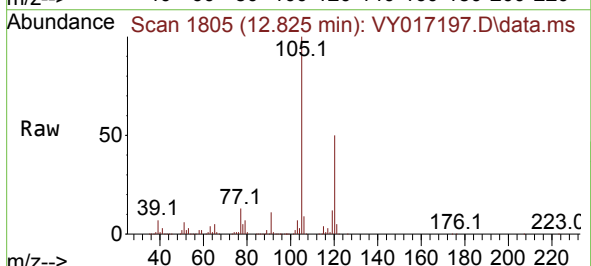
Acq: 02 Feb 2024 21:04

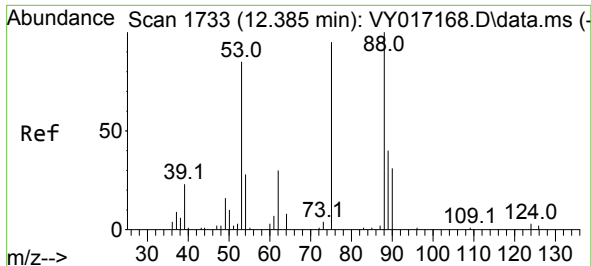
Tgt Ion:105 Resp: 247405

Ion Ratio Lower Upper

105 100

120 49.5 24.3 72.8

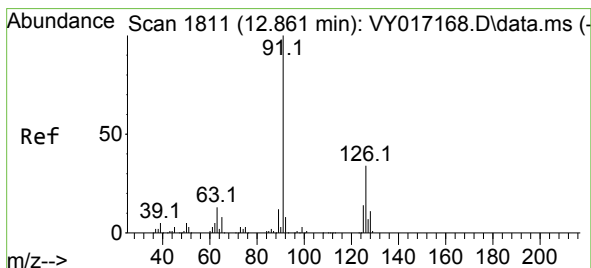
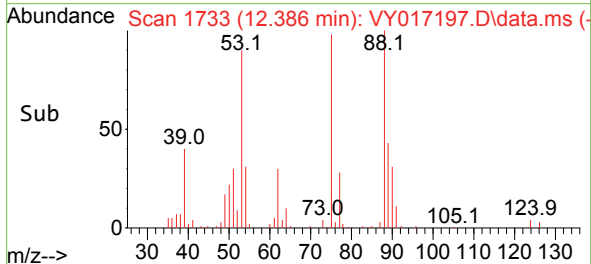
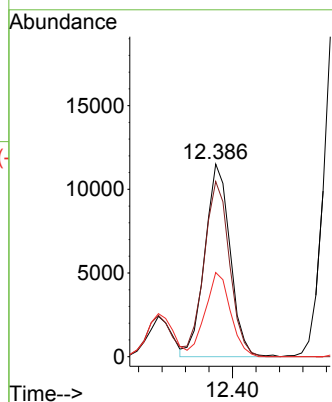
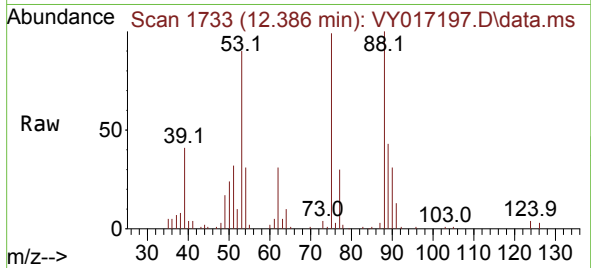




#81
trans-1,4-Dichloro-2-butene
Concen: 48.787 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

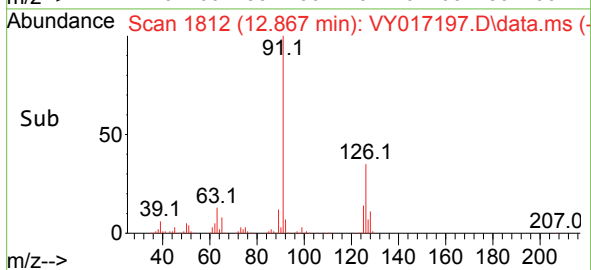
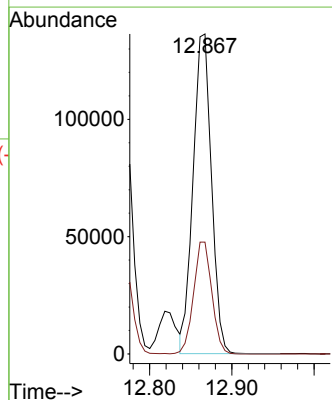
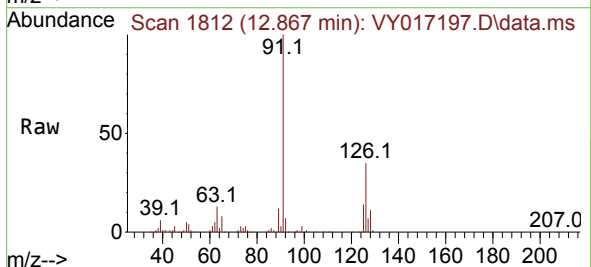
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

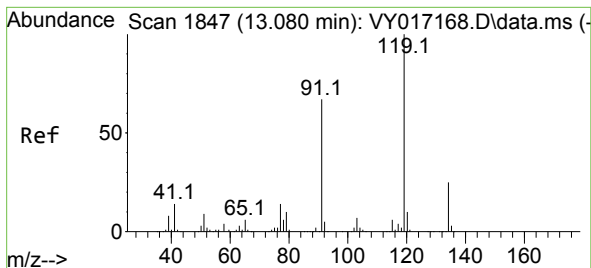
Tgt Ion:	75	Resp:	17203
Ion	Ratio	Lower	Upper
75	100		
53	92.4	74.0	111.0
89	43.5	36.5	54.7



#82
4-Chlorotoluene
Concen: 52.176 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017197.D
Acq: 02 Feb 2024 21:04

Tgt Ion:	91	Resp:	211449
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.1	51.2





#83

tert-Butylbenzene

Concen: 54.226 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

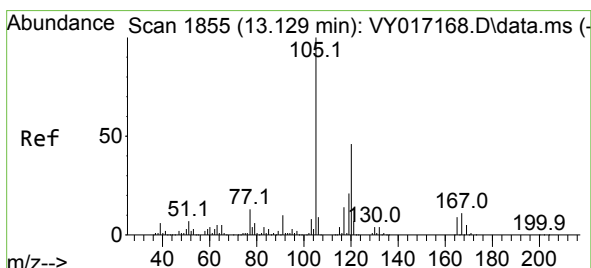
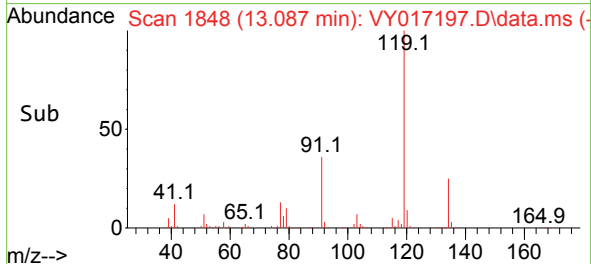
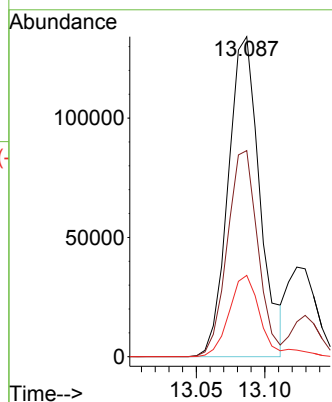
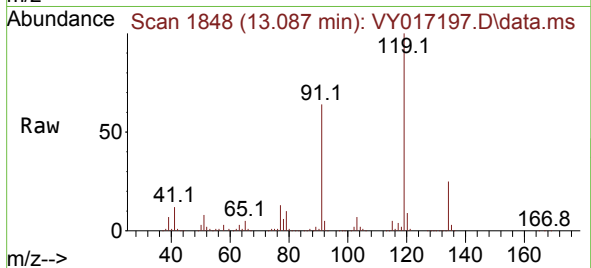
Tgt Ion:119 Resp: 215582

Ion Ratio Lower Upper

119 100

91 62.3 31.5 94.5

134 25.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 53.576 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017197.D

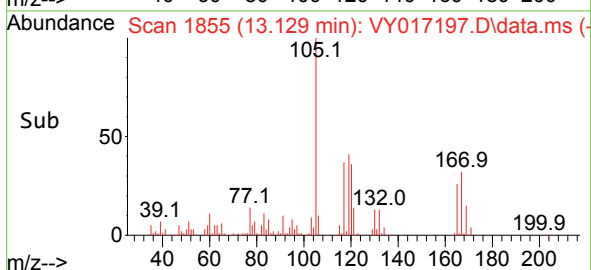
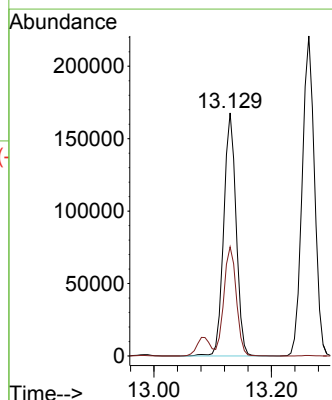
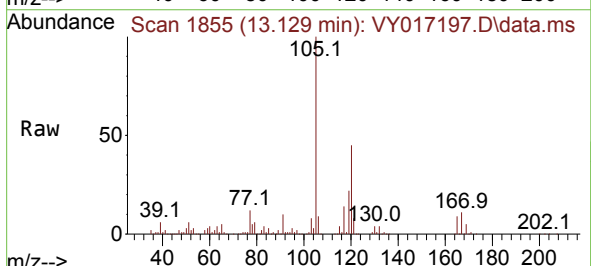
Acq: 02 Feb 2024 21:04

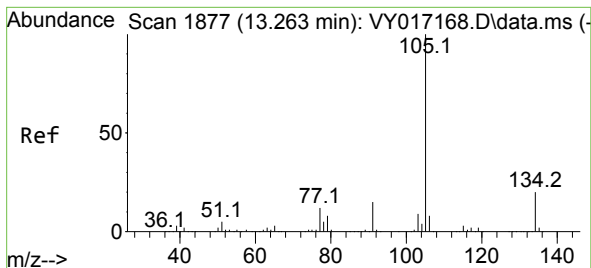
Tgt Ion:105 Resp: 245271

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.629 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

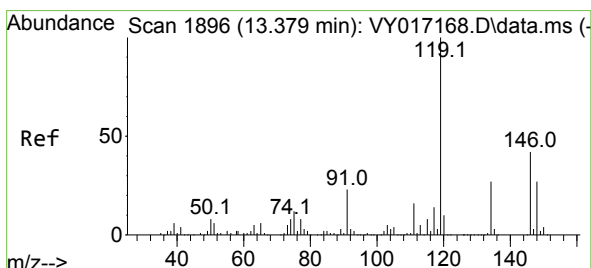
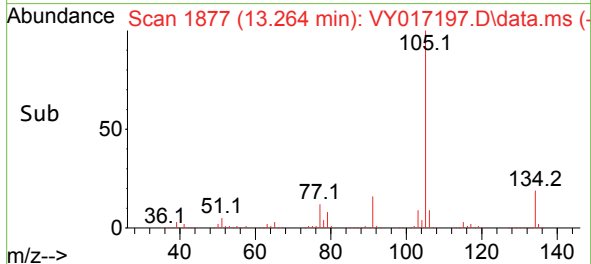
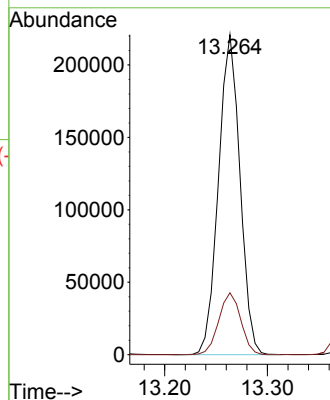
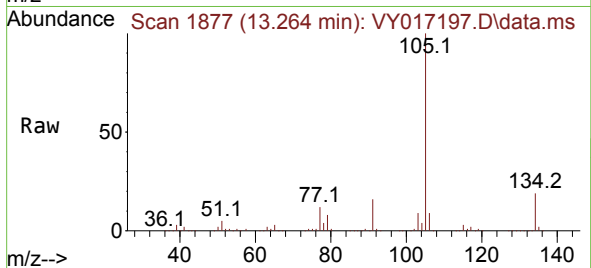
VSTDCCC050

Tgt Ion:105 Resp: 320805

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.511 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

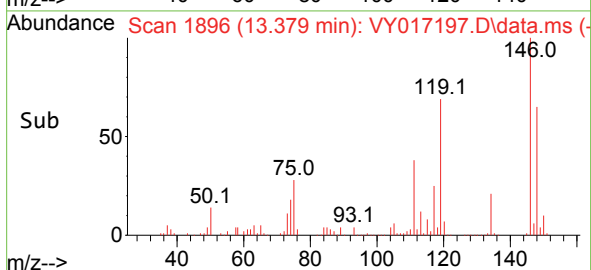
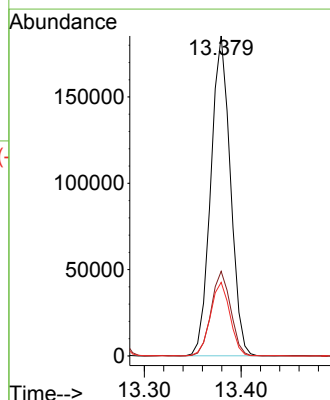
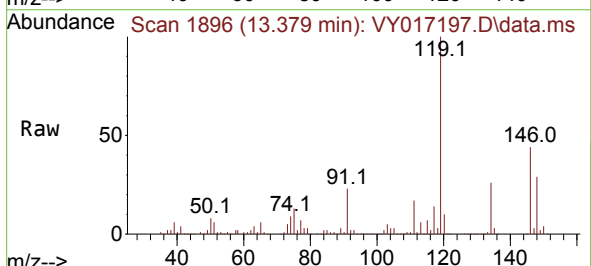
Tgt Ion:119 Resp: 260738

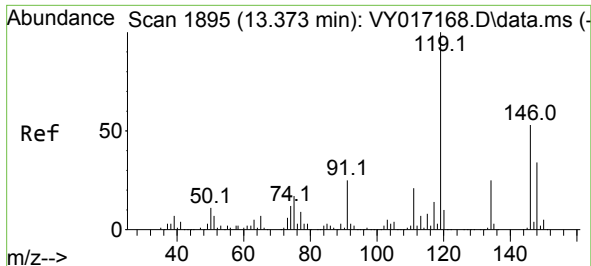
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 22.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 52.226 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

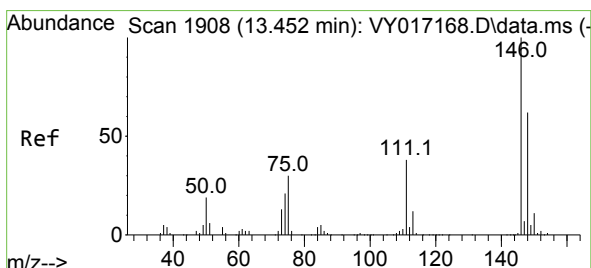
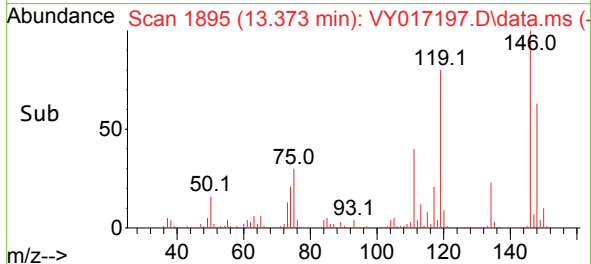
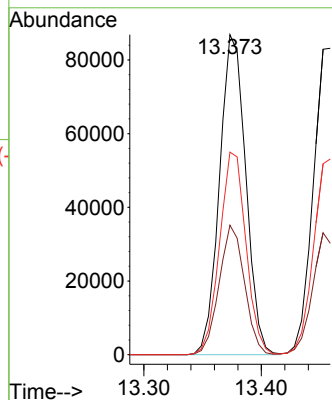
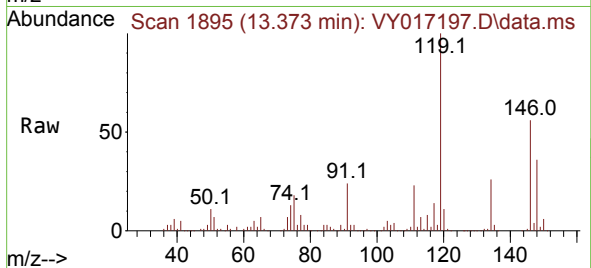
Tgt Ion:146 Resp: 134770

Ion Ratio Lower Upper

146 100

111 39.2 20.2 60.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 52.890 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

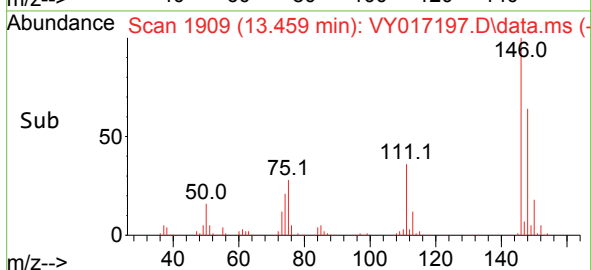
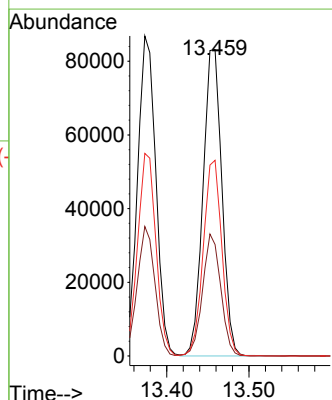
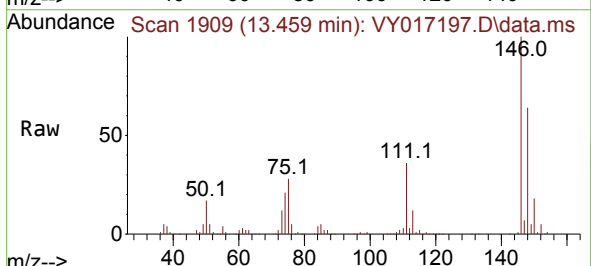
Tgt Ion:146 Resp: 132598

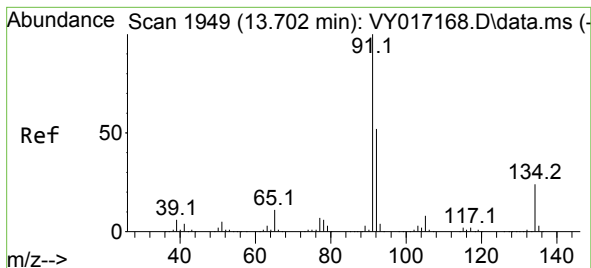
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 52.468 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

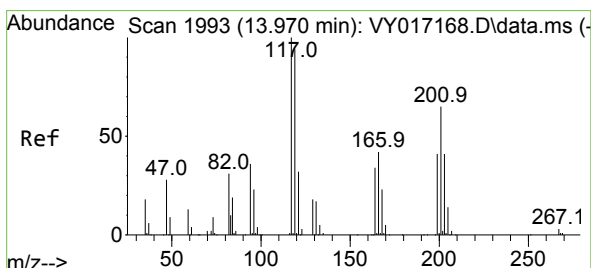
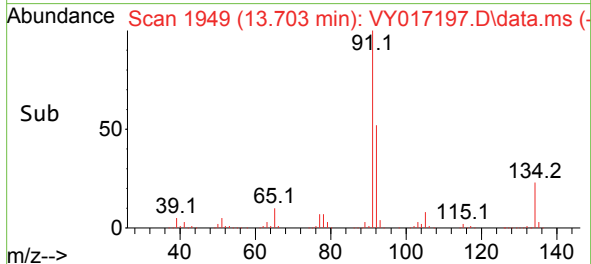
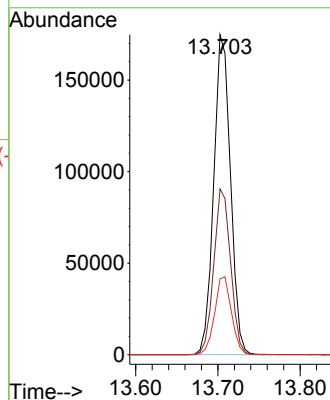
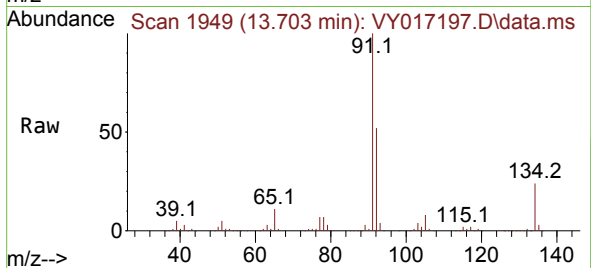
Tgt Ion: 91 Resp: 247701

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 51.431 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017197.D

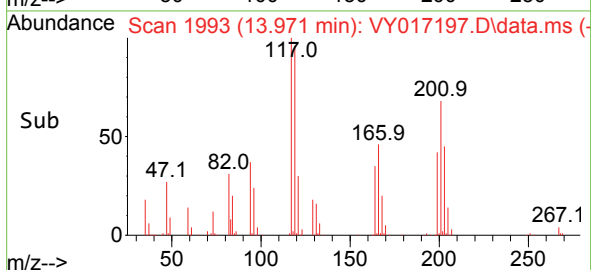
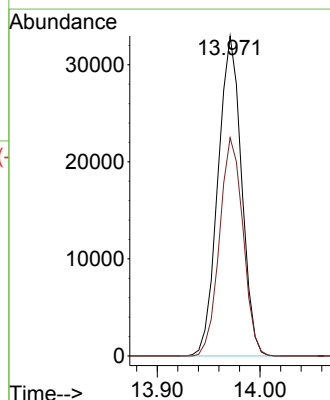
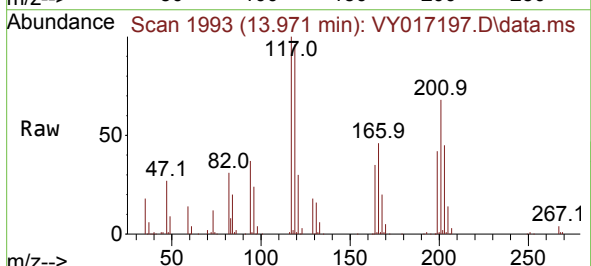
Acq: 02 Feb 2024 21:04

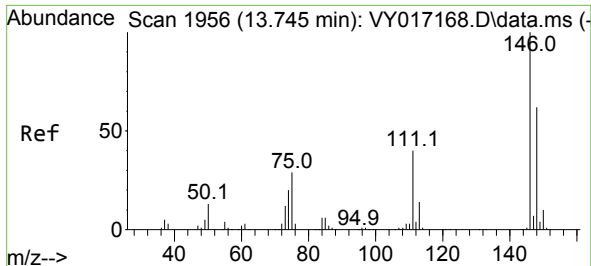
Tgt Ion: 117 Resp: 52426

Ion Ratio Lower Upper

117 100

201 68.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 53.187 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

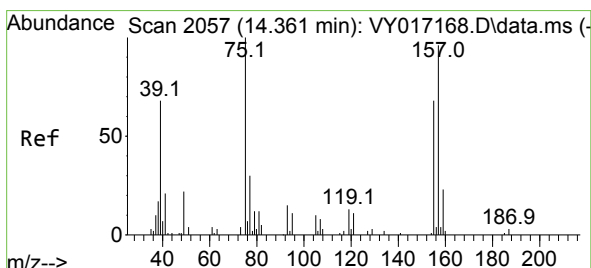
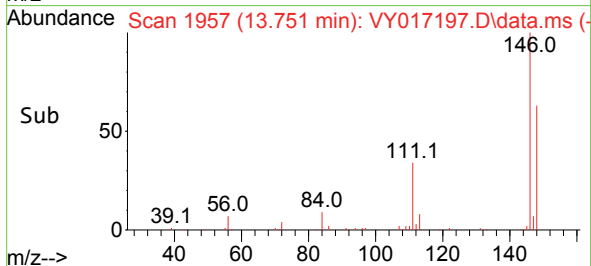
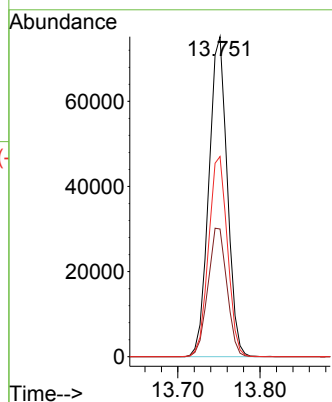
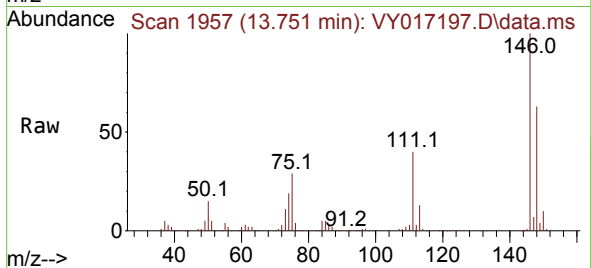
Tgt Ion:146 Resp: 116841

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 64.1 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.825 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

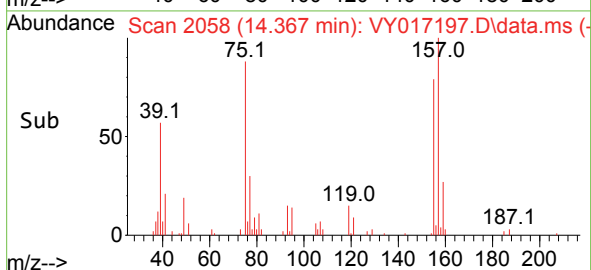
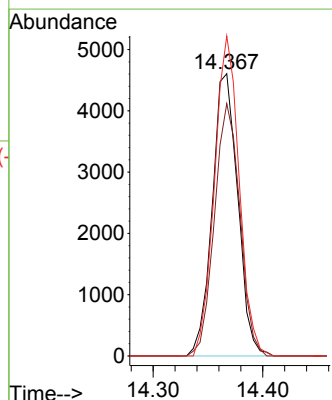
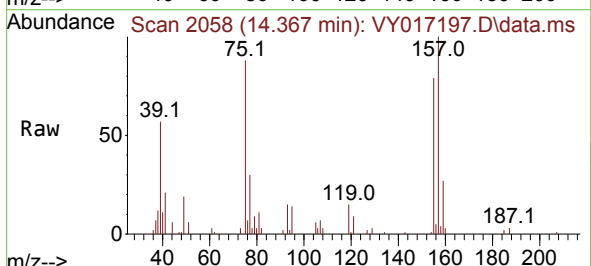
Tgt Ion: 75 Resp: 7444

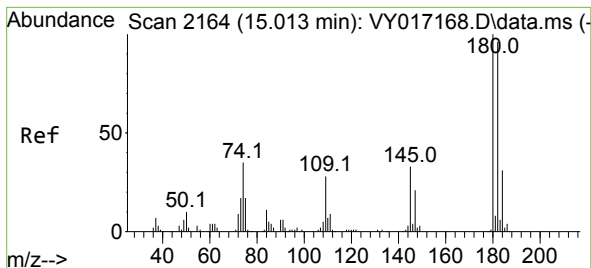
Ion Ratio Lower Upper

75 100

155 88.9 42.1 126.3

157 109.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 56.760 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

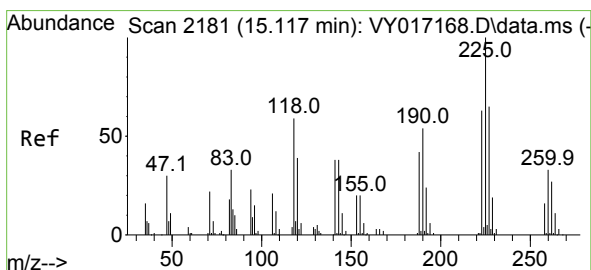
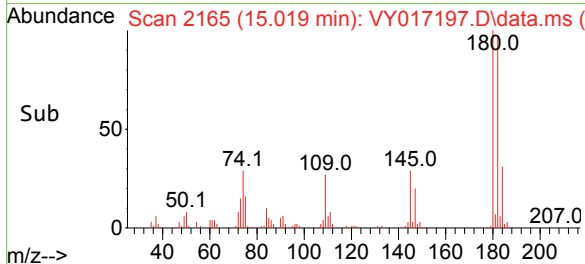
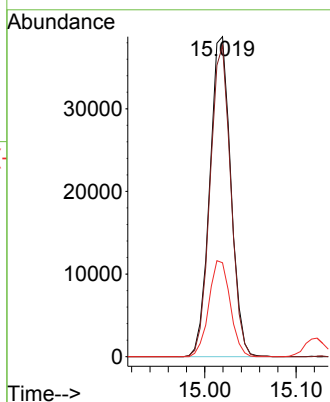
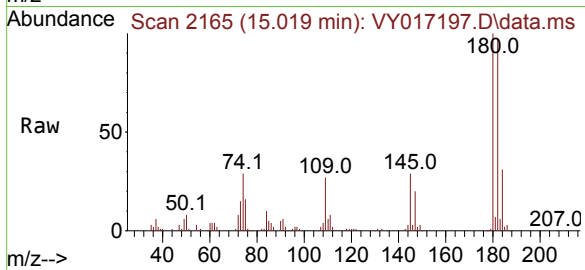
Tgt Ion:180 Resp: 61935

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 30.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 52.046 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

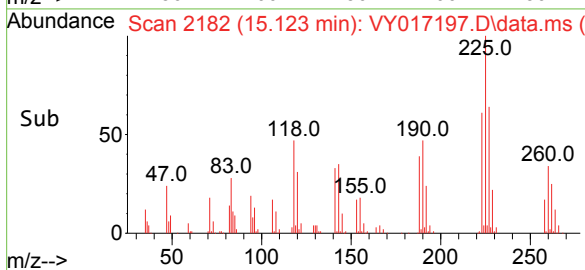
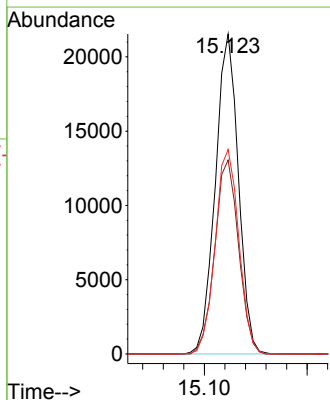
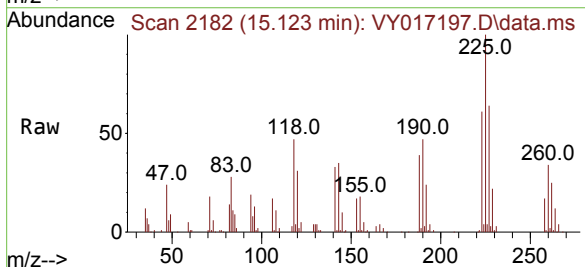
Tgt Ion:225 Resp: 33448

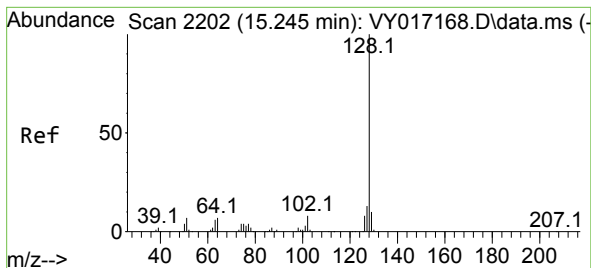
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

227 65.7 32.3 96.8





#95

Naphthalene

Concen: 52.674 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

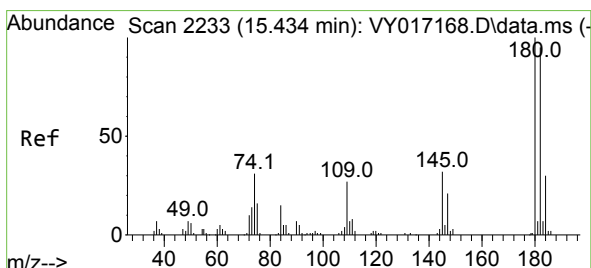
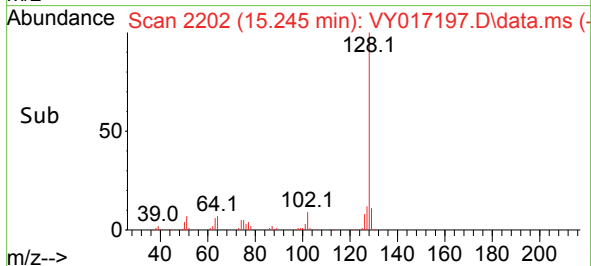
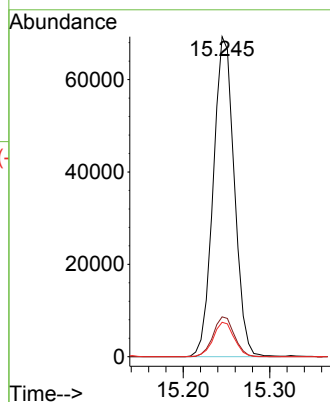
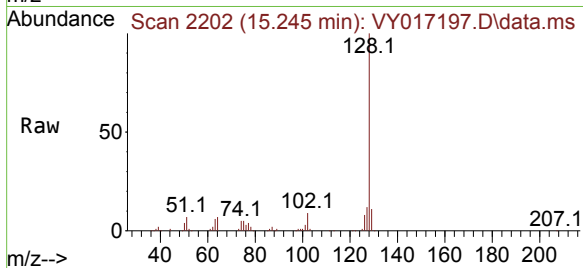
Tgt Ion:128 Resp: 116843

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 56.947 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017197.D

Acq: 02 Feb 2024 21:04

Tgt Ion:180 Resp: 52849

Ion Ratio Lower Upper

180 100

182 95.7 46.3 138.8

145 32.3 16.1 48.2

