

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017943.D
 Acq On : 16 Apr 2024 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 17 06:06:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	439709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	680111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	598620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	287475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	199829	52.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.040%	
35) Dibromofluoromethane	7.722	113	226193	53.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.179	98	879480	55.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.480%	
62) 4-Bromofluorobenzene	12.483	95	272119	55.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	169397	48.561	ug/l	99
3) Chloromethane	2.113	50	273425	47.305	ug/l	98
4) Vinyl Chloride	2.247	62	327127	50.212	ug/l	98
5) Bromomethane	2.649	94	218260	50.333	ug/l	99
6) Chloroethane	2.790	64	203020	49.360	ug/l	98
7) Trichlorofluoromethane	3.125	101	369401	50.312	ug/l	97
8) Diethyl Ether	3.527	74	116938	50.401	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	230883	50.496	ug/l	99
10) Methyl Iodide	4.088	142	314471	51.697	ug/l	99
11) Tert butyl alcohol	4.954	59	68666	252.432	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	225594	50.825	ug/l	99
13) Acrolein	3.729	56	72525	244.730	ug/l	100
14) Allyl chloride	4.478	41	297198	51.739	ug/l	95
15) Acrylonitrile	5.161	53	240605	255.413	ug/l	99
16) Acetone	3.948	43	195508	260.036	ug/l	93
17) Carbon Disulfide	4.192	76	707554	50.109	ug/l	100
18) Methyl Acetate	4.478	43	93162	47.101	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	504646	52.167	ug/l	98
20) Methylene Chloride	4.716	84	245129	48.124	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	248035	51.011	ug/l	97
22) Diisopropyl ether	6.118	45	661328	52.517	ug/l	99
23) Vinyl Acetate	6.064	43	1987371	266.143	ug/l	98
24) 1,1-Dichloroethane	6.021	63	420707	51.169	ug/l	97
25) 2-Butanone	6.984	43	291286	263.578	ug/l	95
26) 2,2-Dichloropropane	6.978	77	340366	51.599	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	287513	51.773	ug/l	98
28) Bromochloromethane	7.338	49	164827	50.964	ug/l	96
29) Tetrahydrofuran	7.350	42	181577	258.913	ug/l	97
30) Chloroform	7.508	83	423564	50.406	ug/l	99
31) Cyclohexane	7.783	56	365033	50.189	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	359015	51.297	ug/l	99
36) 1,1-Dichloropropene	7.917	75	321151	52.630	ug/l	98
37) Ethyl Acetate	7.076	43	130726	52.071	ug/l	97
38) Carbon Tetrachloride	7.905	117	324686	52.667	ug/l	97
39) Methylcyclohexane	9.185	83	431414	54.253	ug/l	96
40) Benzene	8.161	78	1001338	52.389	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017943.D
 Acq On : 16 Apr 2024 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 17 06:06:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	72180	45.554	ug/l	92
42) 1,2-Dichloroethane	8.240	62	226794	51.785	ug/l	99
43) Isopropyl Acetate	8.270	43	247675	52.924	ug/l	97
44) Trichloroethene	8.941	130	253378	52.167	ug/l	100
45) 1,2-Dichloropropane	9.215	63	230694	52.433	ug/l	100
46) Dibromomethane	9.307	93	126911	52.147	ug/l	99
47) Bromodichloromethane	9.496	83	321567	52.666	ug/l	100
48) Methyl methacrylate	9.295	41	115340	53.786	ug/l	98
49) 1,4-Dioxane	9.301	88	29675	1068.093	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	667359	269.003	ug/l	100
52) Toluene	10.246	92	624021	53.205	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	298216	53.500	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	365329	53.351	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	172586	52.167	ug/l	97
56) Ethyl methacrylate	10.508	69	236992	54.948	ug/l	97
57) 1,3-Dichloropropane	10.788	76	293570	52.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	591398	263.792	ug/l	99
59) 2-Hexanone	10.831	43	466930	275.716	ug/l	99
60) Dibromochloromethane	10.983	129	224573	52.817	ug/l	99
61) 1,2-Dibromoethane	11.087	107	162490	52.701	ug/l	98
64) Tetrachloroethene	10.721	164	227107	52.960	ug/l	97
65) Chlorobenzene	11.514	112	683338	52.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	225523	52.130	ug/l	100
67) Ethyl Benzene	11.593	91	1191238	53.925	ug/l	98
68) m/p-Xylenes	11.703	106	915375	107.887	ug/l	99
69) o-Xylene	12.032	106	429119	54.158	ug/l	99
70) Styrene	12.044	104	738316	55.133	ug/l	99
71) Bromoform	12.209	173	132636	53.065	ug/l #	97
73) Isopropylbenzene	12.331	105	1119369	53.438	ug/l	99
74) N-amyl acetate	12.142	43	225802	53.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	199312	51.017	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	241610	89.790	ug/l #	100
77) Bromobenzene	12.611	156	267088	52.688	ug/l	98
78) n-propylbenzene	12.672	91	1370709	53.932	ug/l	99
79) 2-Chlorotoluene	12.757	91	747683	52.559	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	897940	54.061	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	69077	52.796	ug/l	96
82) 4-Chlorotoluene	12.855	91	776414	52.698	ug/l	99
83) tert-Butylbenzene	13.074	119	819319	54.008	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	890193	53.818	ug/l	99
85) sec-Butylbenzene	13.251	105	1225418	53.779	ug/l	99
86) p-Isopropyltoluene	13.367	119	1015460	54.234	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	523766	52.076	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	509538	51.607	ug/l	99
89) n-Butylbenzene	13.696	91	958186	54.397	ug/l	99
90) Hexachloroethane	13.958	117	198907	51.807	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	455295	52.470	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25703	51.149	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	264017	52.248	ug/l	99
94) Hexachlorobutadiene	15.111	225	155798	51.973	ug/l	99
95) Naphthalene	15.233	128	449310	53.959	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	223281	52.660	ug/l	99

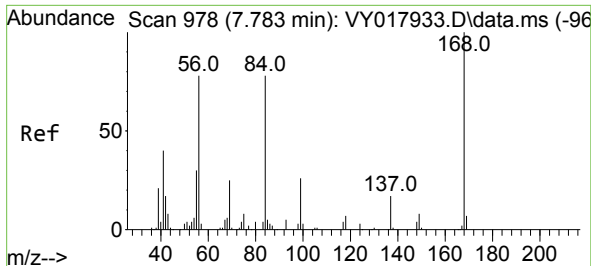
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
Data File : VY017943.D
Acq On : 16 Apr 2024 12:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Apr 17 06:06:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:02:45 2024
Response via : Initial Calibration

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

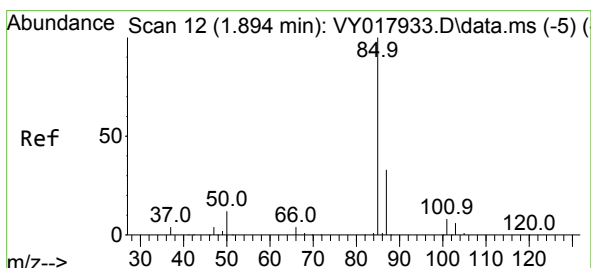
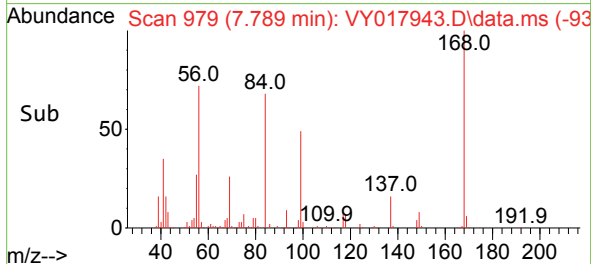
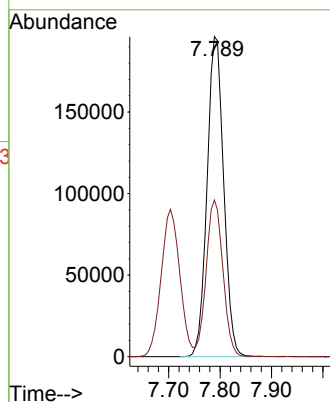
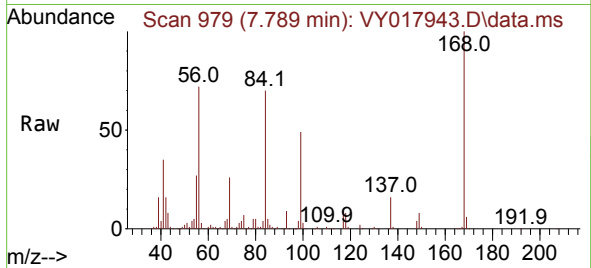
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

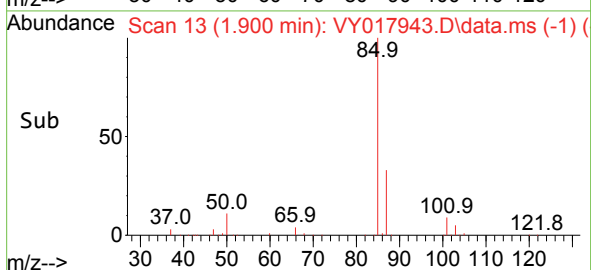
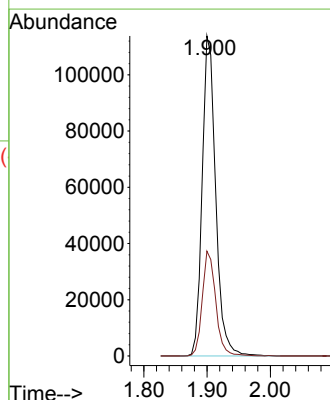
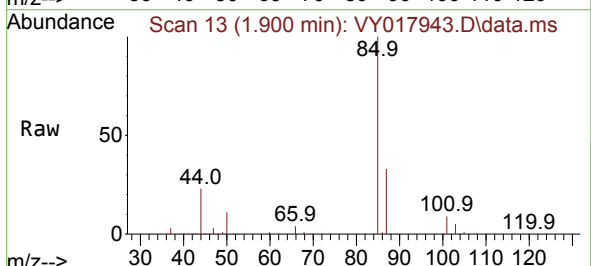
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

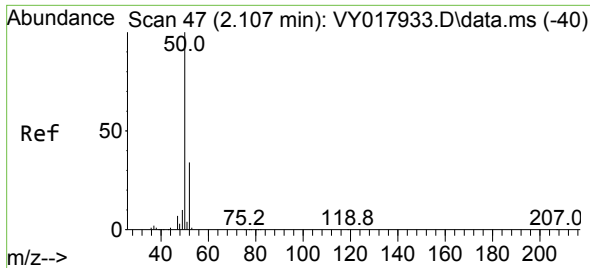
Tgt Ion:168 Resp: 439709
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.561 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 85 Resp: 169397
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

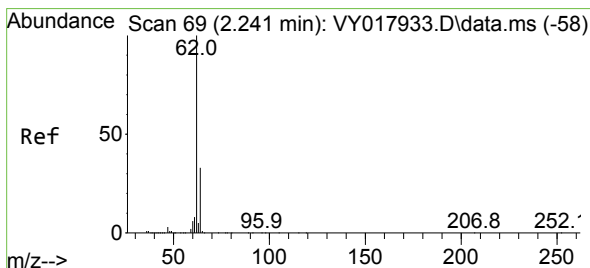
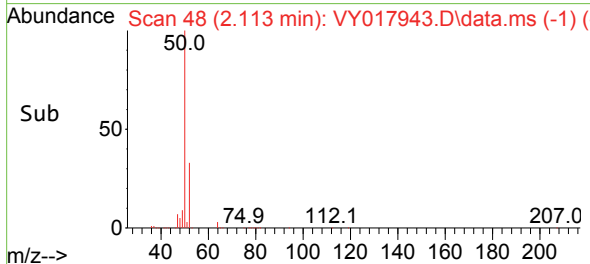
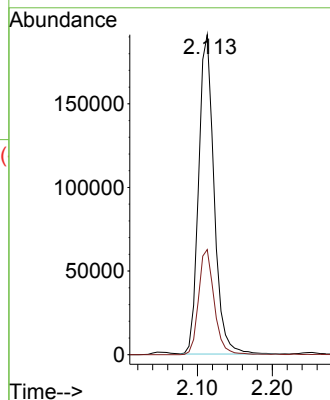
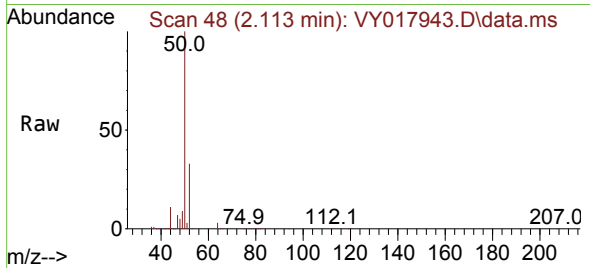




#3
Chloromethane
Concen: 47.305 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

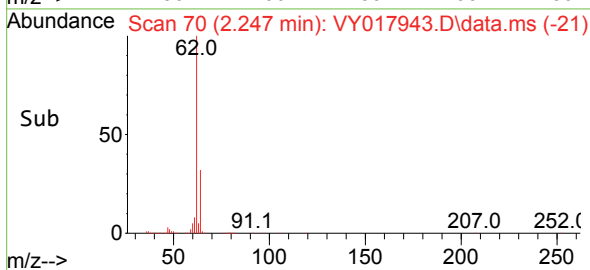
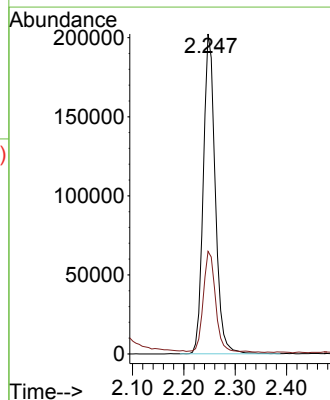
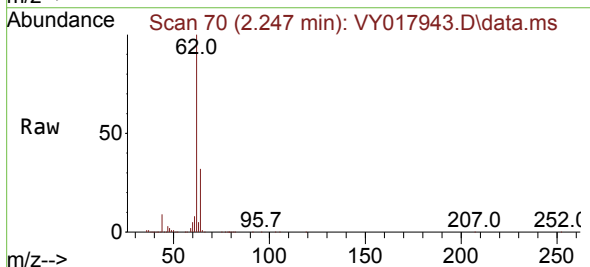
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

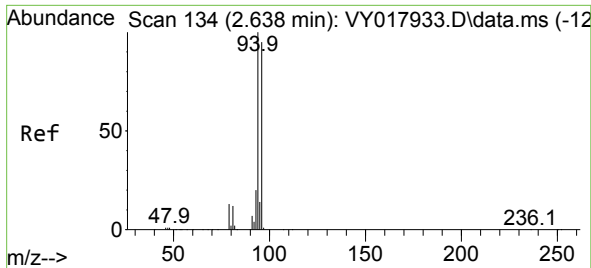
Tgt Ion: 50 Resp: 273425
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 50.212 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 62 Resp: 327127
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1

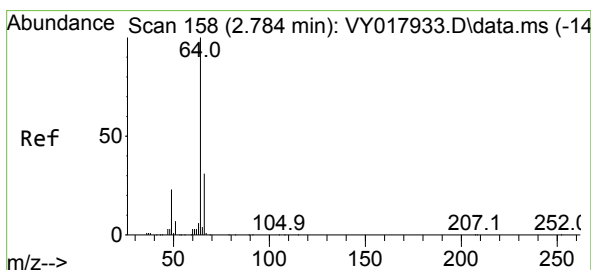
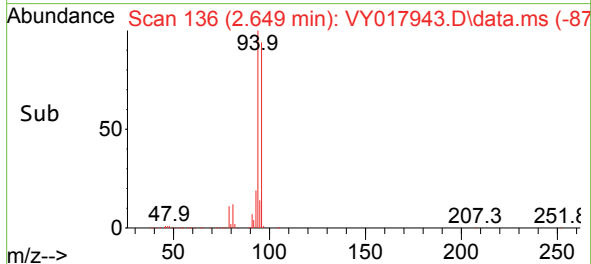
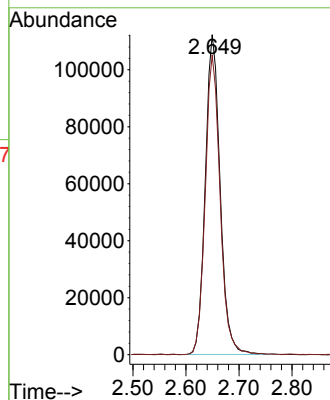
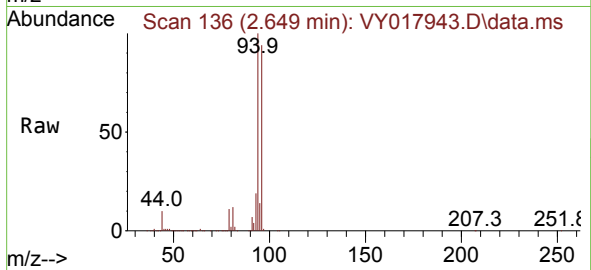




#5
Bromomethane
Concen: 50.333 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

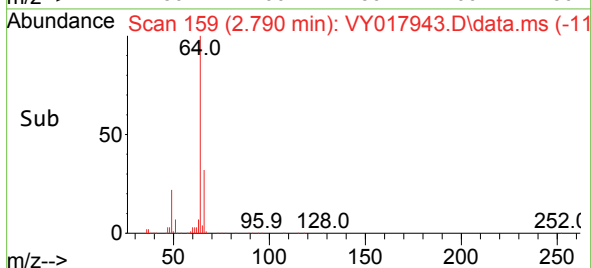
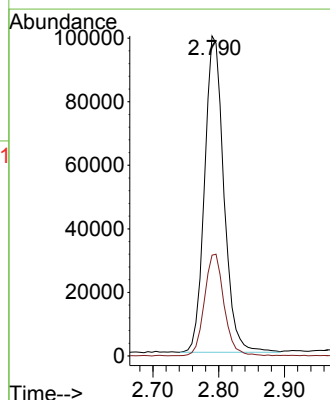
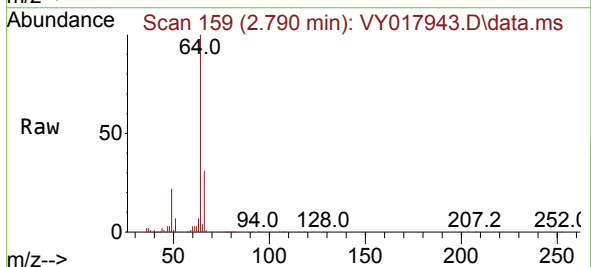
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

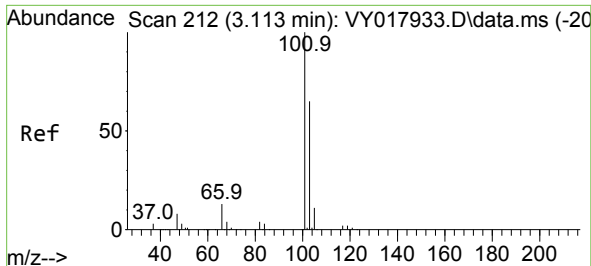
Tgt Ion: 94 Resp: 218260
Ion Ratio Lower Upper
94 100
96 93.7 74.1 111.1



#6
Chloroethane
Concen: 49.360 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 64 Resp: 203020
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1

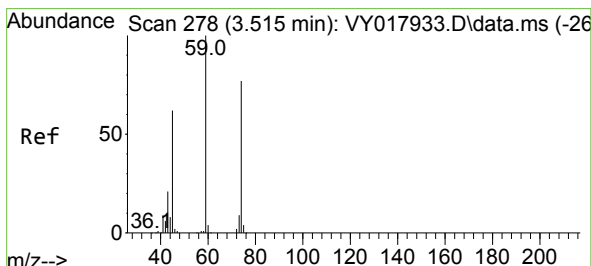
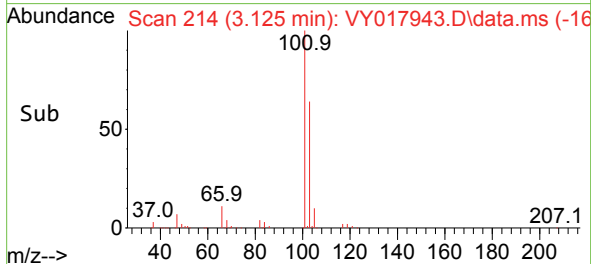
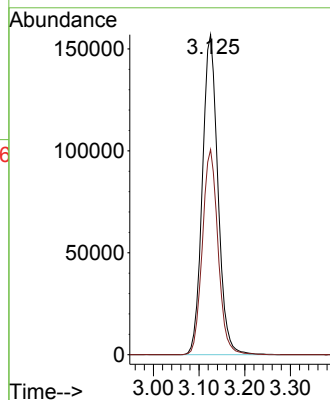
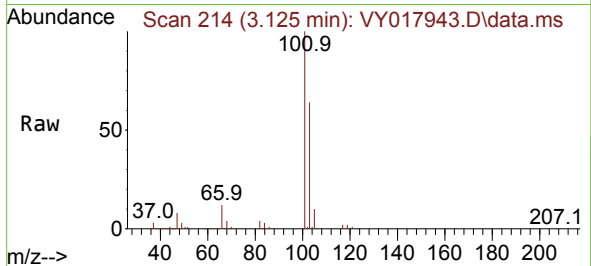




#7
 Trichlorofluoromethane
 Concen: 50.312 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

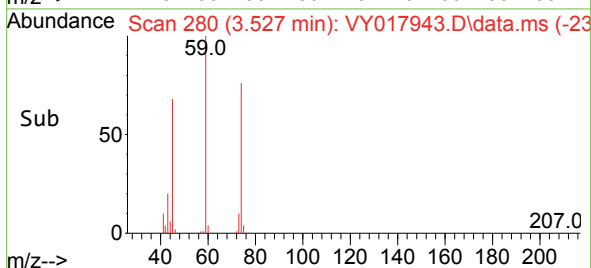
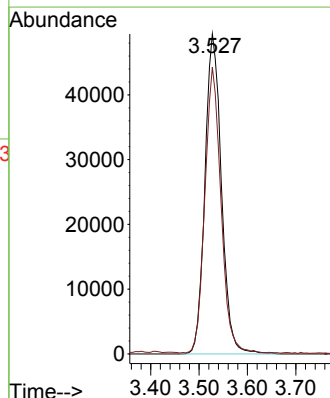
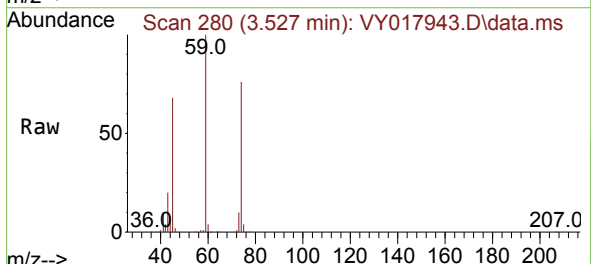
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

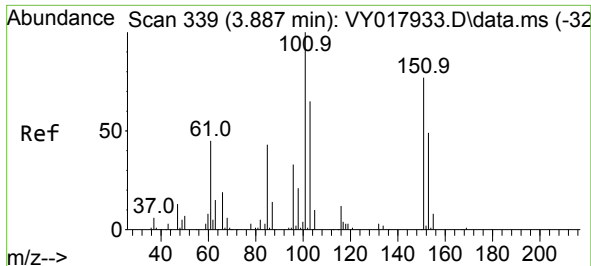
Tgt Ion:101 Resp: 369401
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.401 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

Tgt Ion: 74 Resp: 116938
 Ion Ratio Lower Upper
 74 100
 45 87.3 41.3 124.1

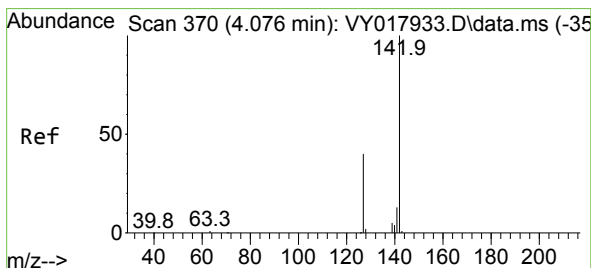
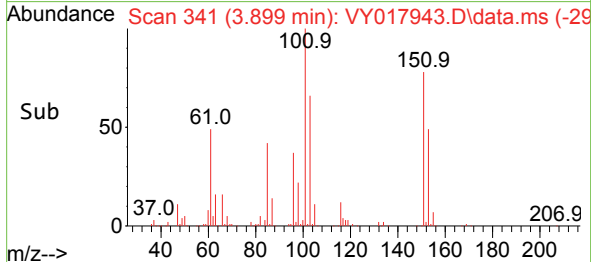
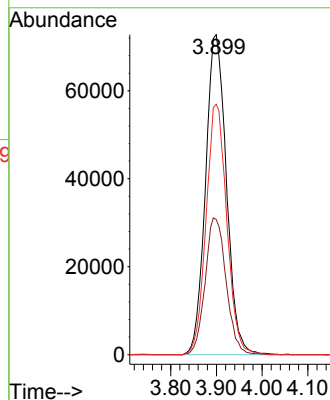
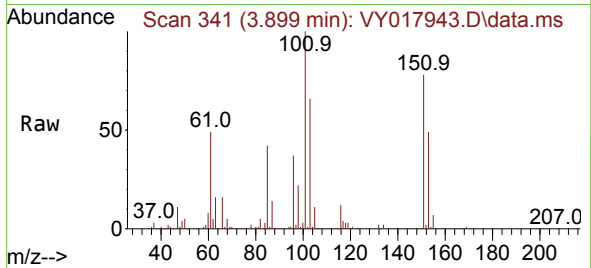




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.496 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

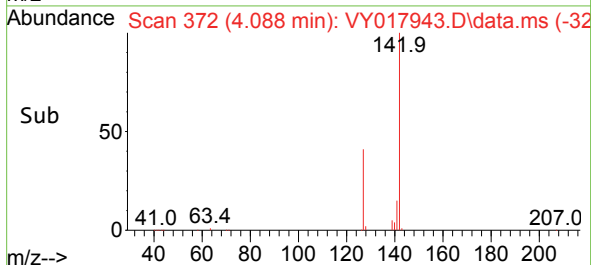
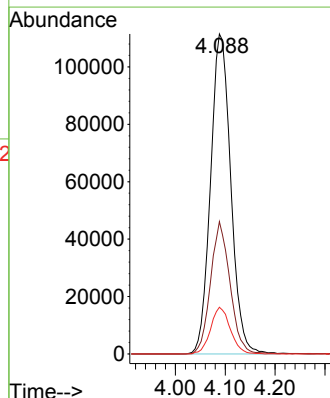
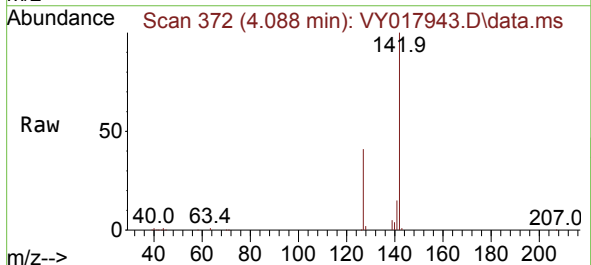
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

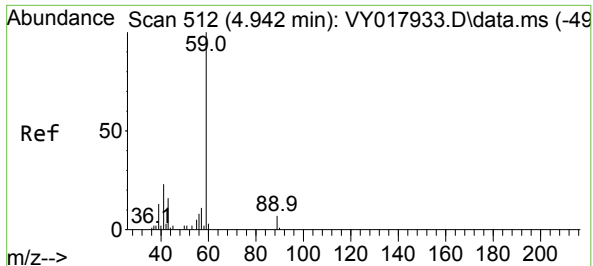
Tgt Ion:101 Resp: 230883
Ion Ratio Lower Upper
101 100
85 43.0 34.5 51.7
151 77.8 61.7 92.5



#10
Methyl Iodide
Concen: 51.697 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion:142 Resp: 314471
Ion Ratio Lower Upper
142 100
127 39.8 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 252.432 ug/l

RT: 4.954 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

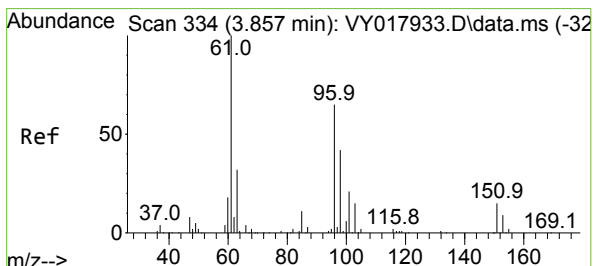
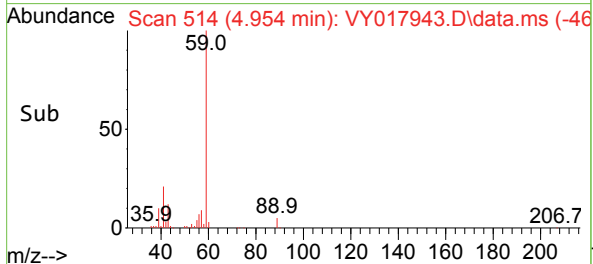
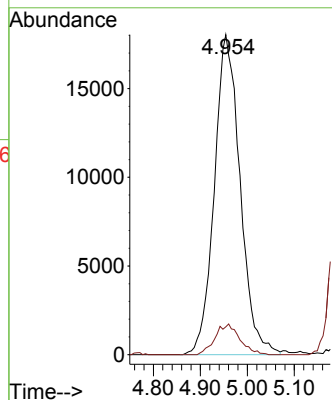
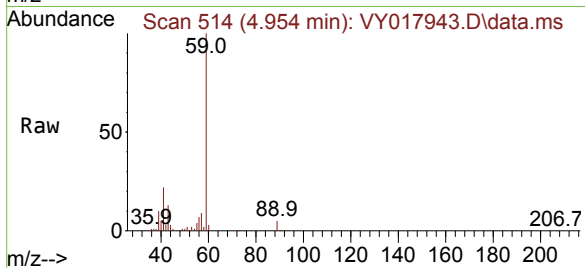
VSTDICCC050

Tgt Ion: 59 Resp: 68666

Ion Ratio Lower Upper

59 100

57 9.2 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 50.825 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

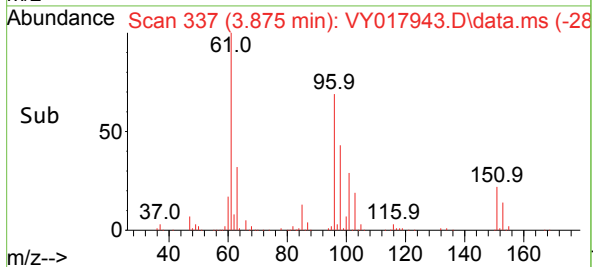
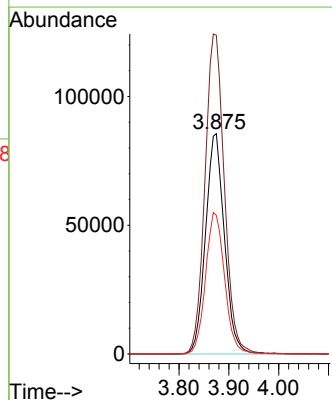
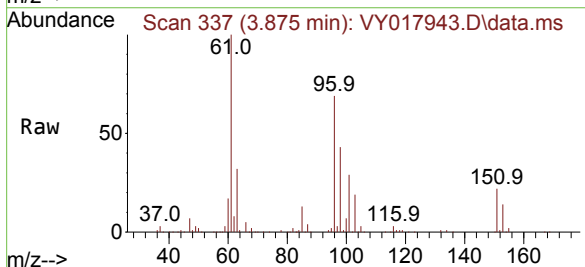
Tgt Ion: 96 Resp: 225594

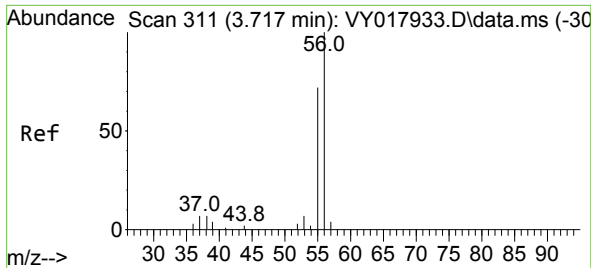
Ion Ratio Lower Upper

96 100

61 144.6 114.6 171.8

98 62.9 50.8 76.2

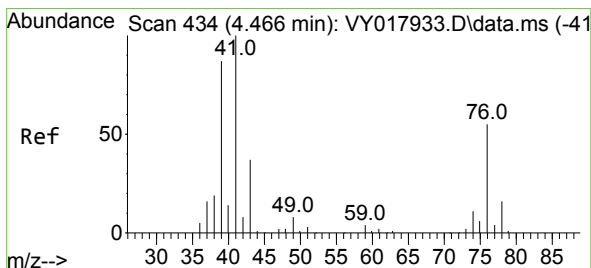
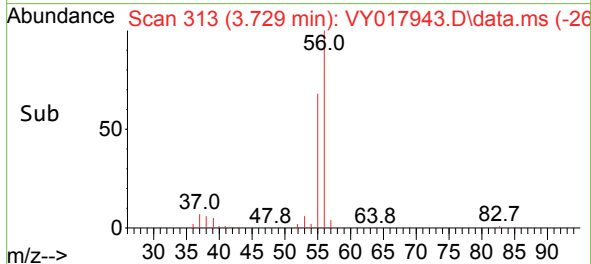
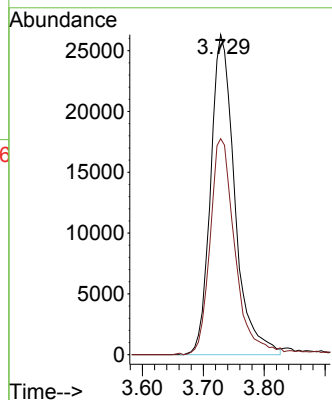
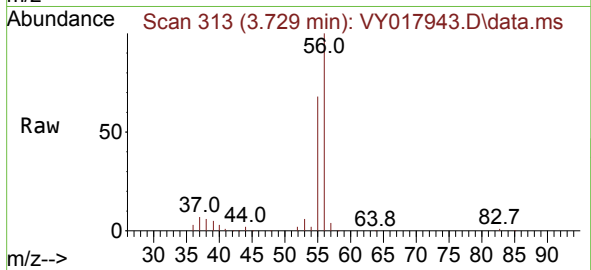




#13
Acrolein
Concen: 244.730 ug/l
RT: 3.729 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

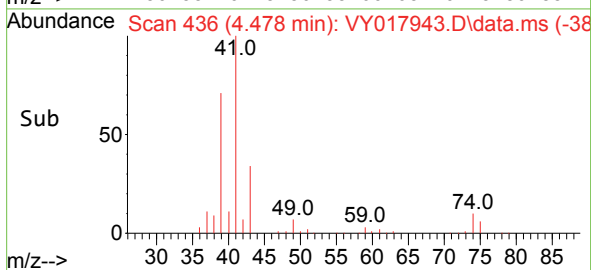
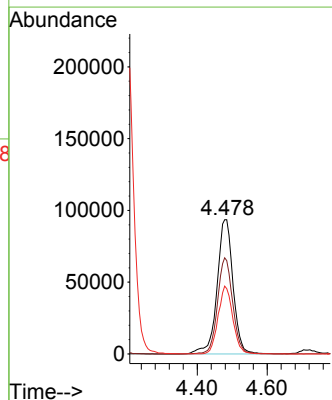
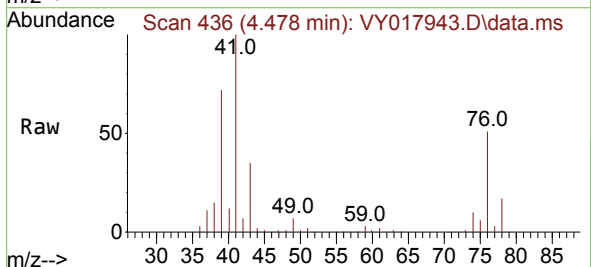
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

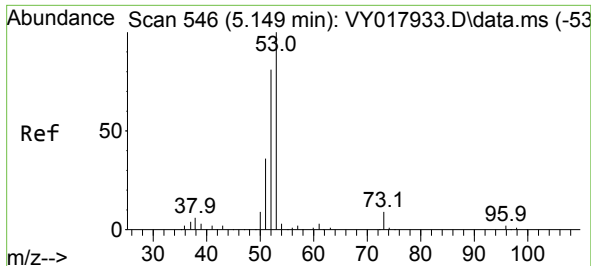
Tgt Ion: 56 Resp: 72525
Ion Ratio Lower Upper
56 100
55 69.5 55.7 83.5



#14
Allyl chloride
Concen: 51.739 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 41 Resp: 297198
Ion Ratio Lower Upper
41 100
39 67.7 58.3 87.5
76 46.1 39.0 58.6

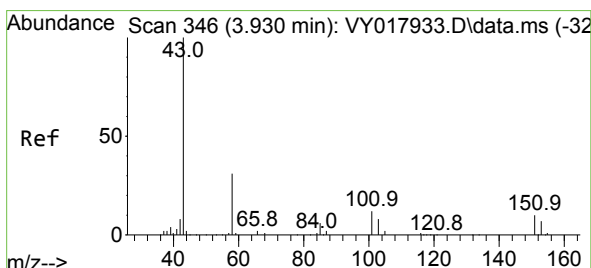
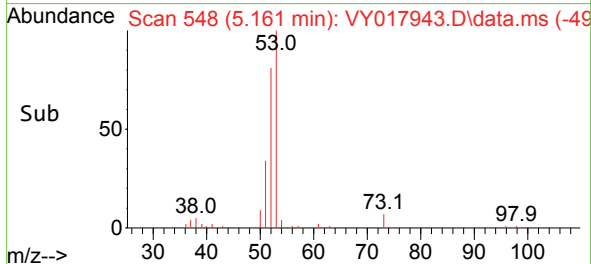
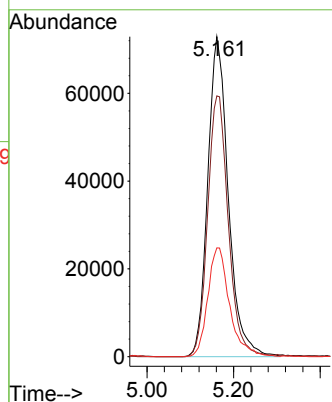
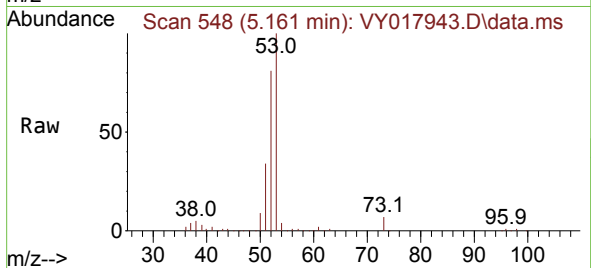




#15
Acrylonitrile
Concen: 255.413 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

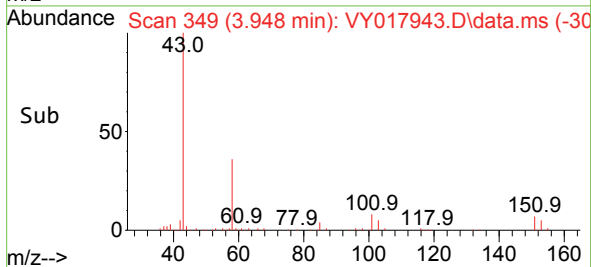
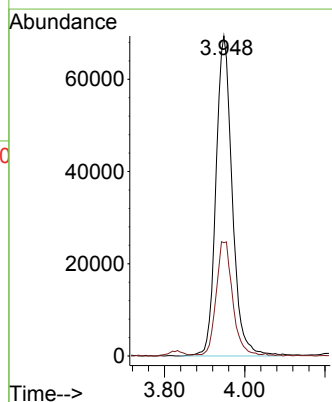
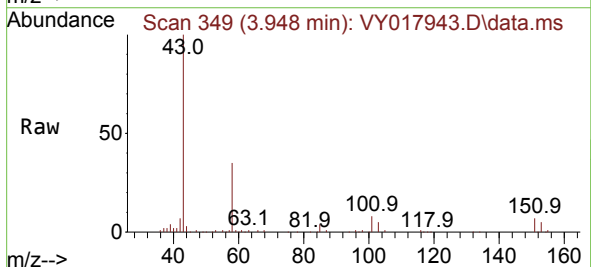
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

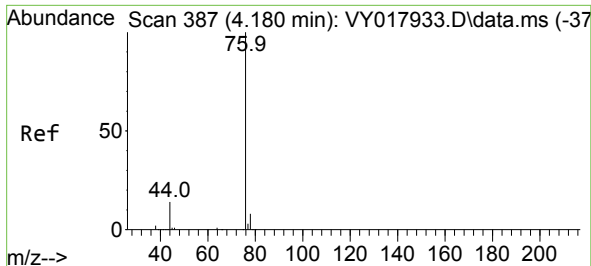
Tgt Ion: 53 Resp: 240605
Ion Ratio Lower Upper
53 100
52 81.8 64.7 97.1
51 36.1 28.4 42.6



#16
Acetone
Concen: 260.036 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 43 Resp: 195508
Ion Ratio Lower Upper
43 100
58 35.1 31.7 47.5





#17

Carbon Disulfide

Concen: 50.109 ug/l

RT: 4.192 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

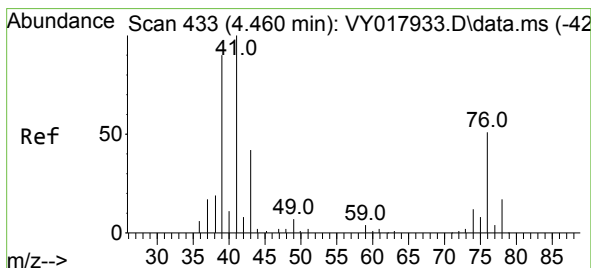
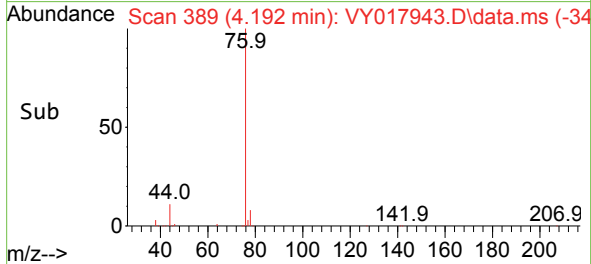
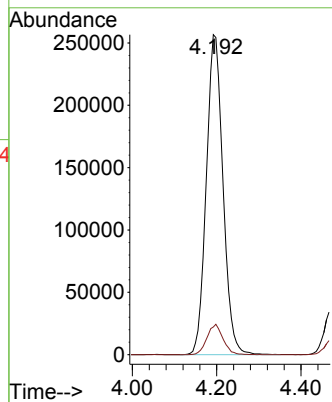
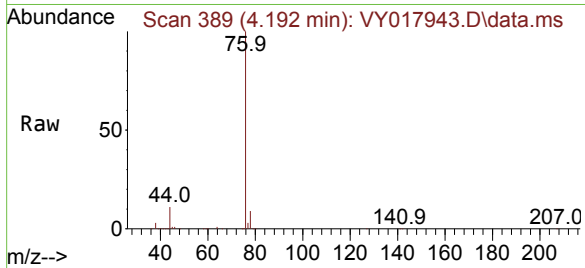
VSTDICCC050

Tgt Ion: 76 Resp: 707554

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 47.101 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017943.D

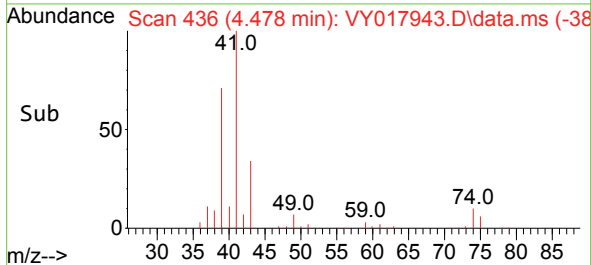
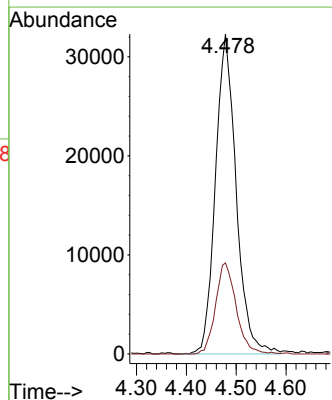
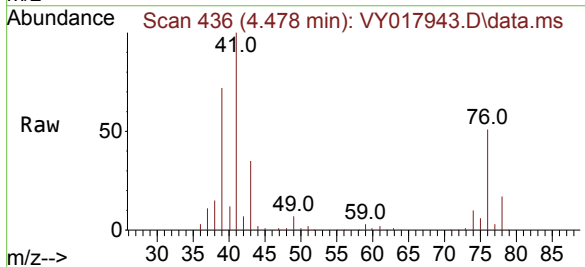
Acq: 16 Apr 2024 12:17

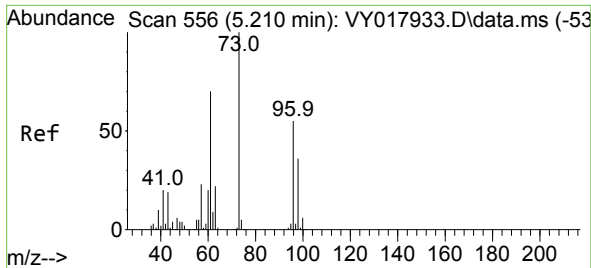
Tgt Ion: 43 Resp: 93162

Ion Ratio Lower Upper

43 100

74 28.2 23.3 34.9

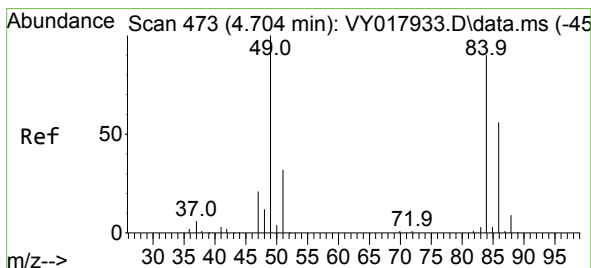
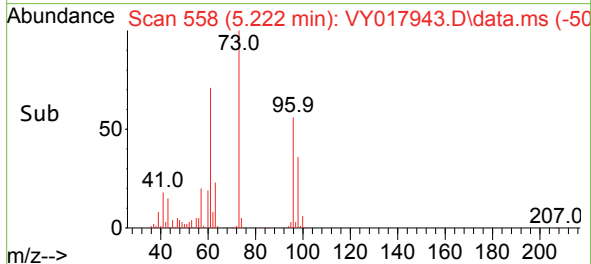
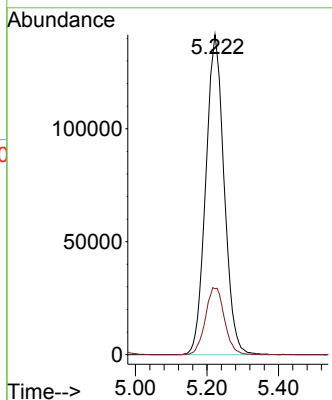
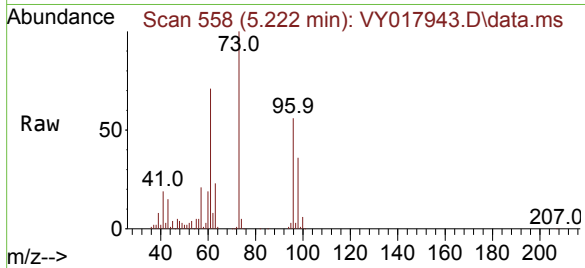




#19
Methyl tert-butyl Ether
Concen: 52.167 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

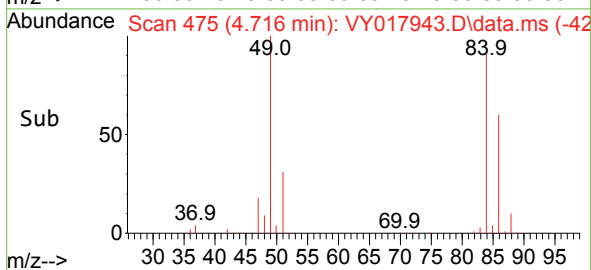
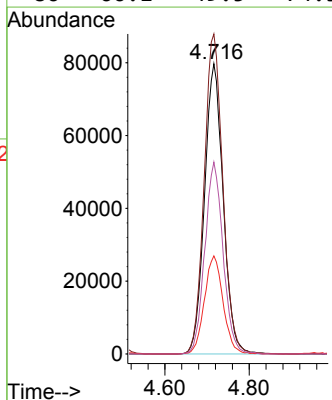
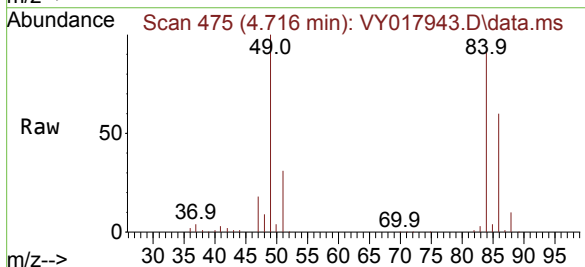
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

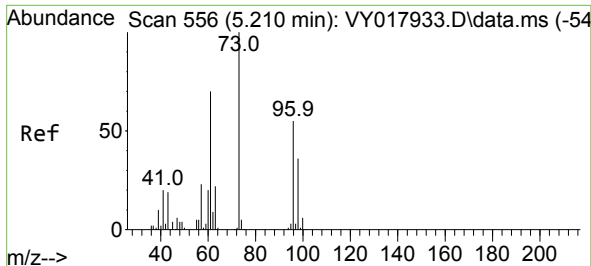
Tgt Ion: 73 Resp: 504646
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 48.124 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

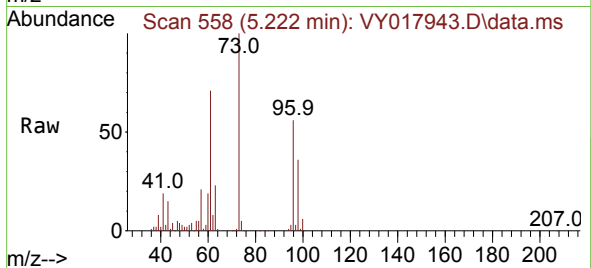
Tgt Ion: 84 Resp: 245129
Ion Ratio Lower Upper
84 100
49 110.3 84.4 126.6
51 33.8 26.0 39.0
86 66.1 49.5 74.3



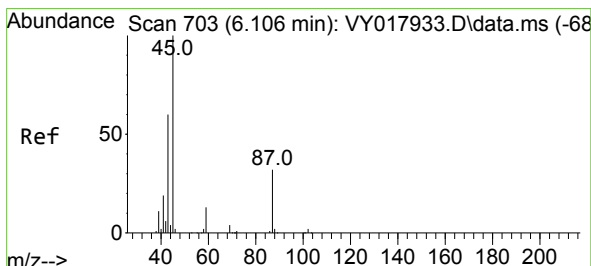
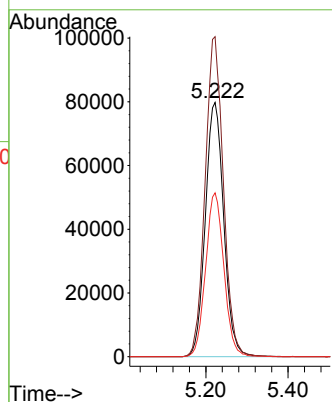
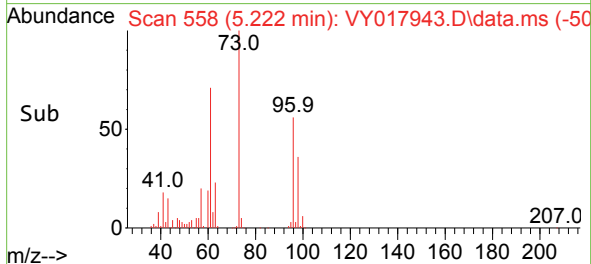


#21
trans-1,2-Dichloroethene
Concen: 51.011 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

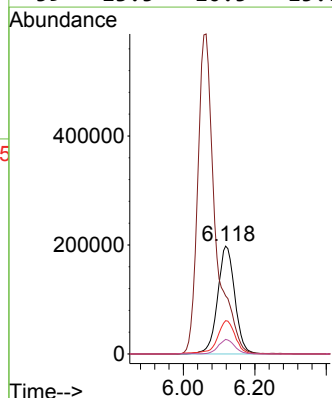
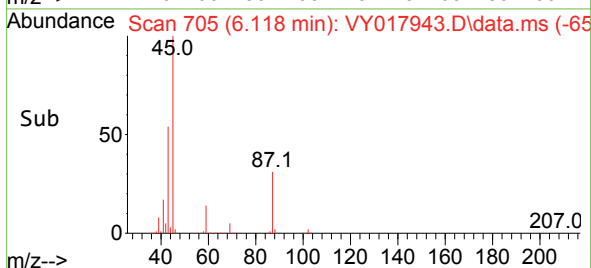
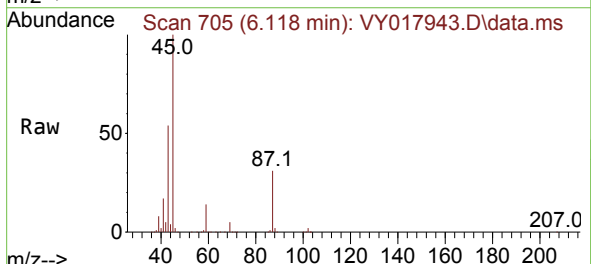


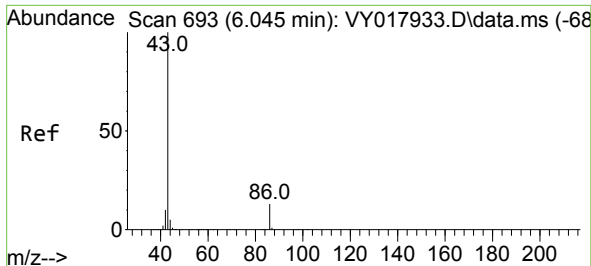
Tgt Ion: 96 Resp: 248035
Ion Ratio Lower Upper
96 100
61 125.9 97.5 146.3
98 64.5 50.5 75.7



#22
Diisopropyl ether
Concen: 52.517 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 45 Resp: 661328
Ion Ratio Lower Upper
45 100
43 53.6 42.2 63.2
87 30.8 25.0 37.6
59 13.5 10.5 15.7

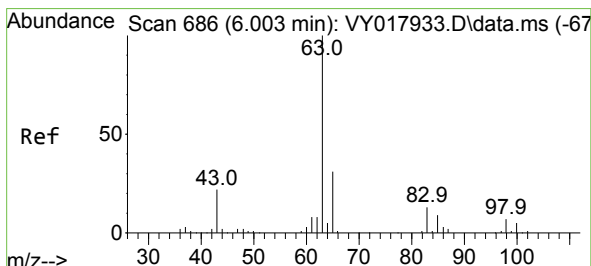
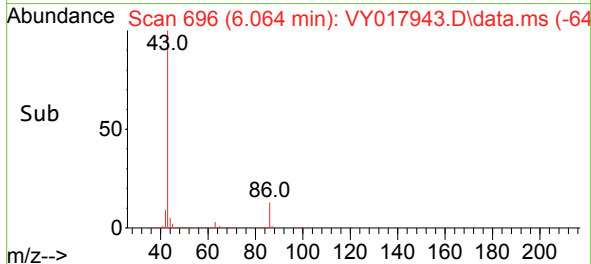
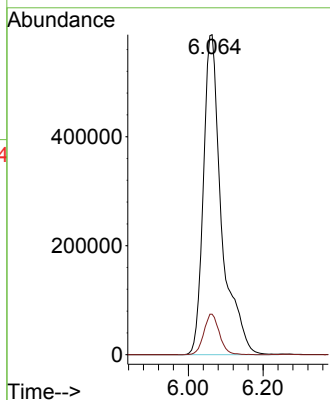
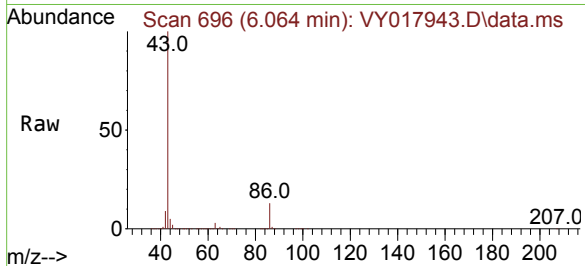




#23
 Vinyl Acetate
 Concen: 266.143 ug/l
 RT: 6.064 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

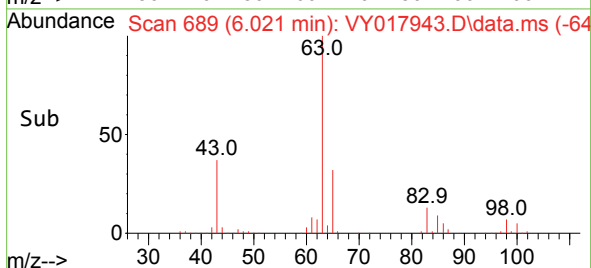
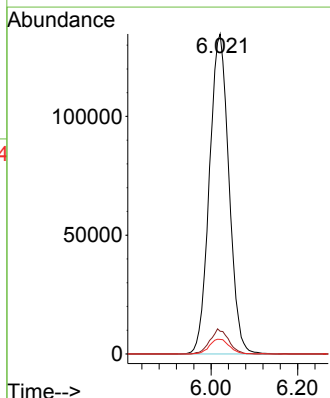
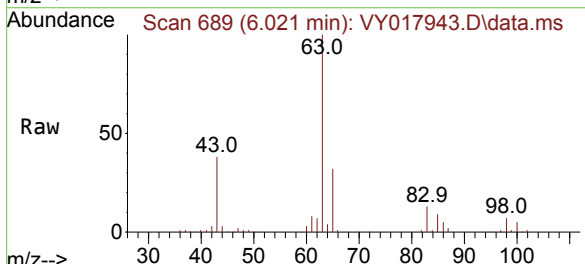
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

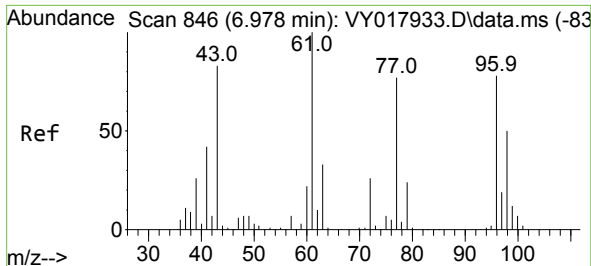
Tgt Ion: 43 Resp: 1987371
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.169 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

Tgt Ion: 63 Resp: 420707
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 263.578 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

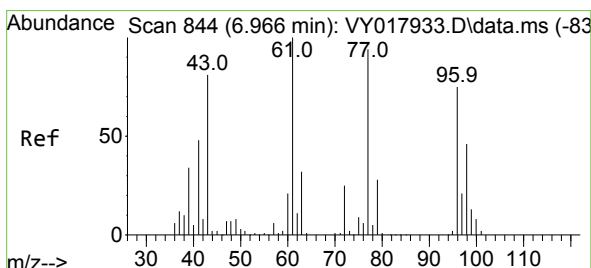
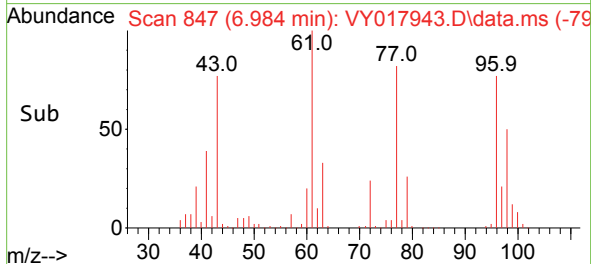
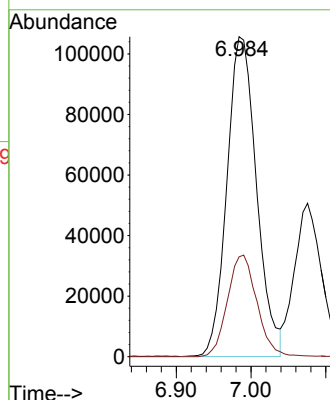
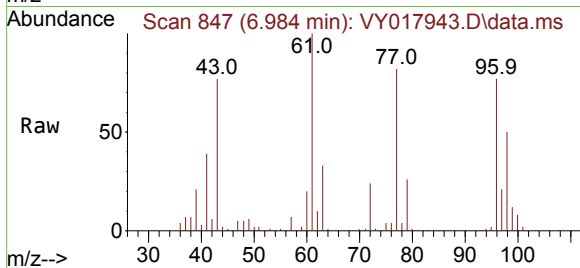
VSTDICCC050

Tgt Ion: 43 Resp: 291286

Ion Ratio Lower Upper

43 100

72 31.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.599 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017943.D

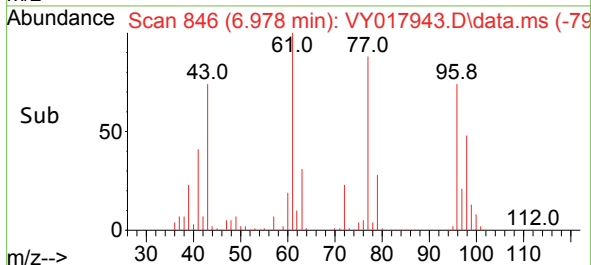
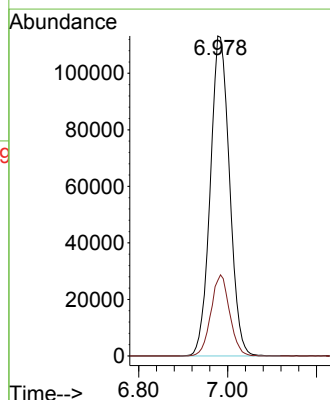
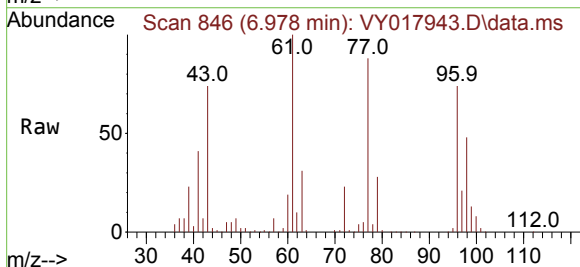
Acq: 16 Apr 2024 12:17

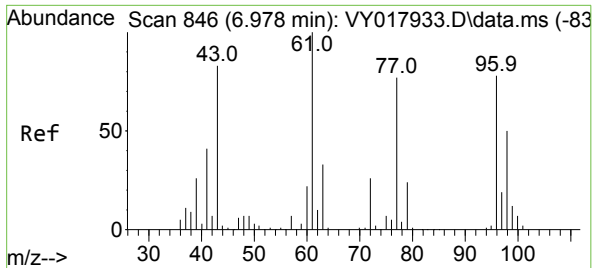
Tgt Ion: 77 Resp: 340366

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.773 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

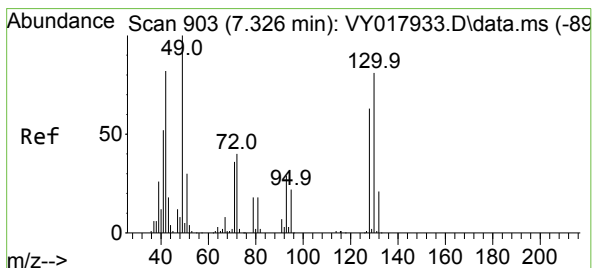
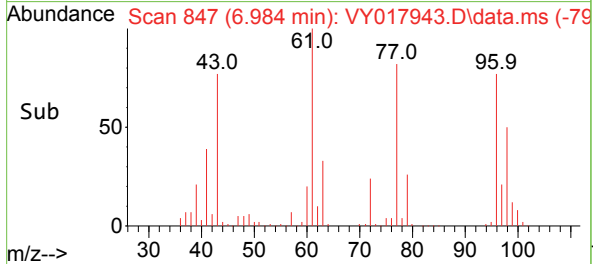
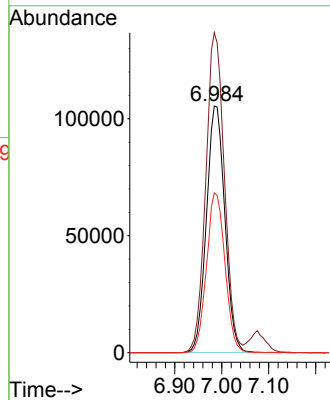
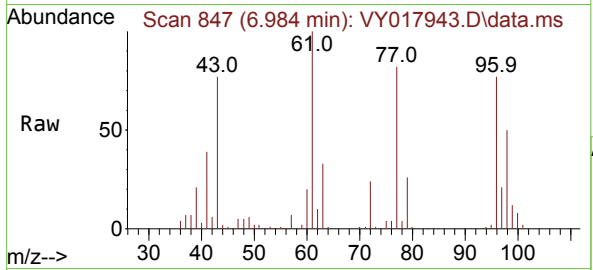
Tgt Ion: 96 Resp: 287513

Ion Ratio Lower Upper

96 100

61 130.7 0.0 256.2

98 64.8 0.0 130.0



#28

Bromochloromethane

Concen: 50.964 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

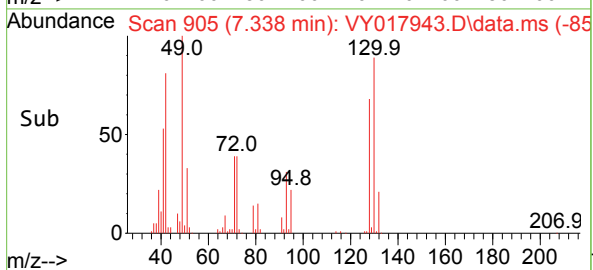
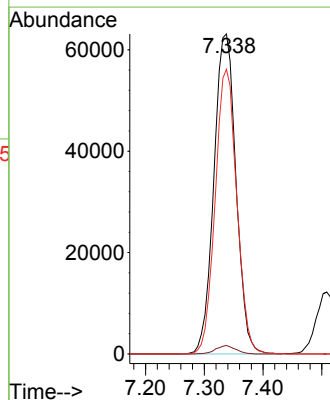
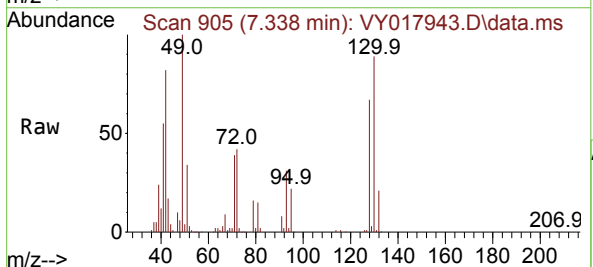
Tgt Ion: 49 Resp: 164827

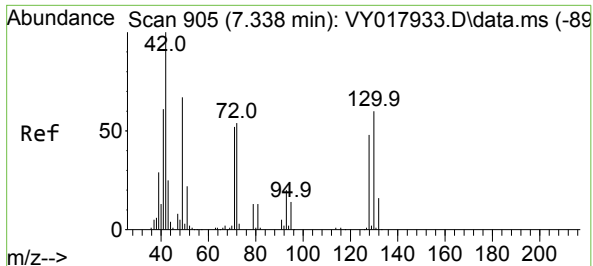
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 87.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 258.913 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

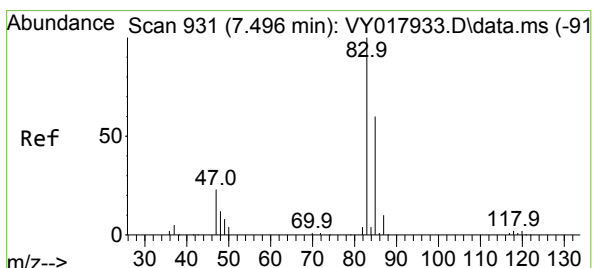
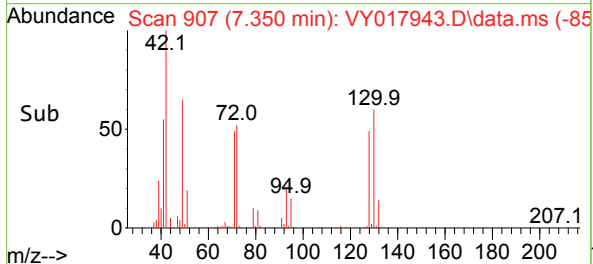
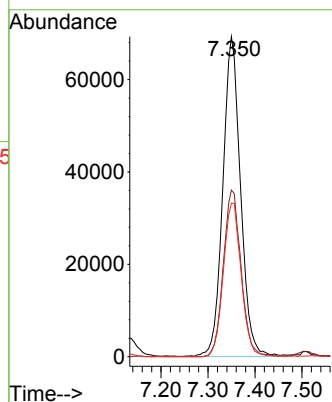
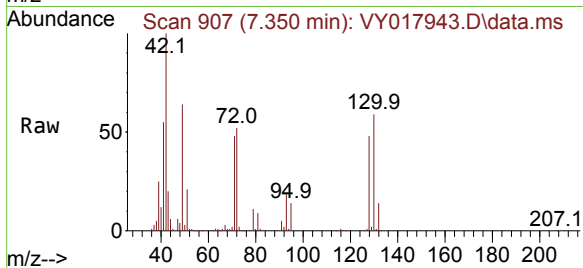
Tgt Ion: 42 Resp: 181577

Ion Ratio Lower Upper

42 100

72 52.3 43.0 64.4

71 48.6 40.8 61.2



#30

Chloroform

Concen: 50.406 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017943.D

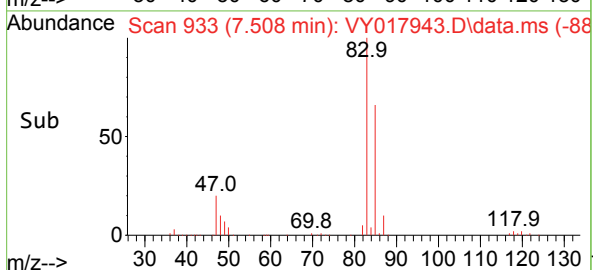
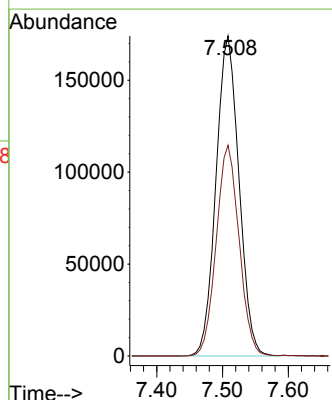
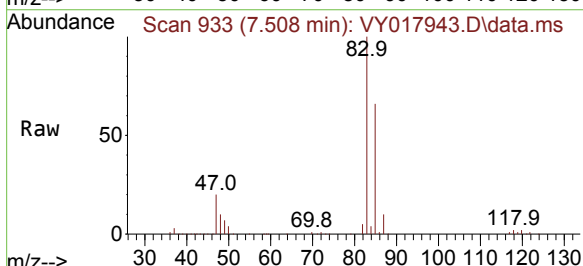
Acq: 16 Apr 2024 12:17

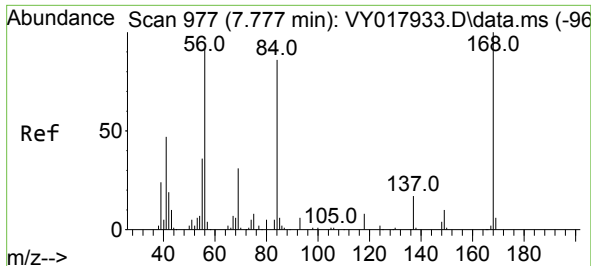
Tgt Ion: 83 Resp: 423564

Ion Ratio Lower Upper

83 100

85 65.9 52.2 78.4

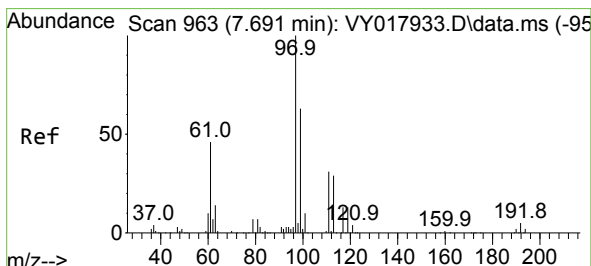
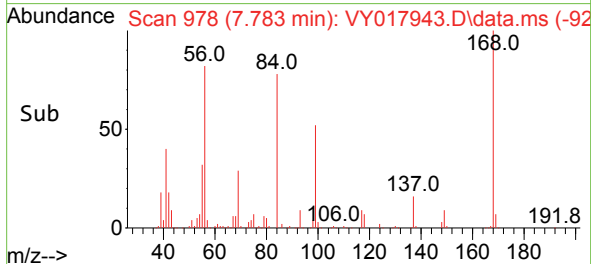
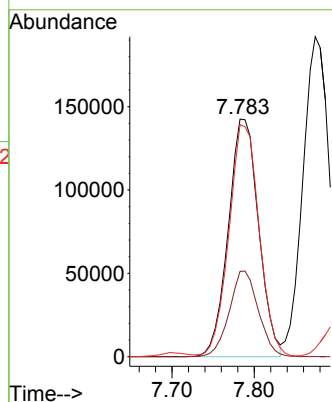
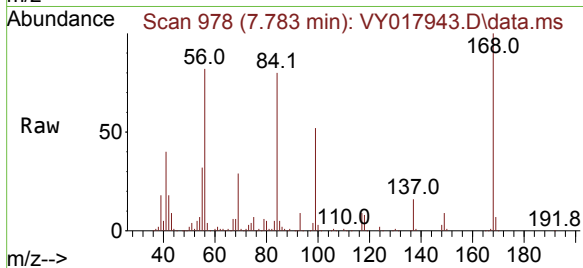




#31
Cyclohexane
Concen: 50.189 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

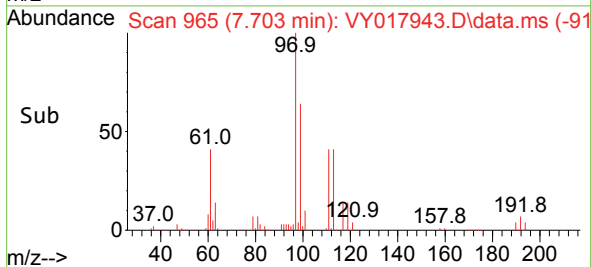
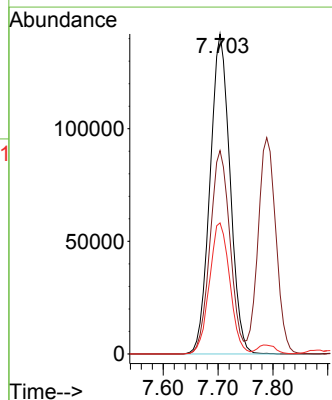
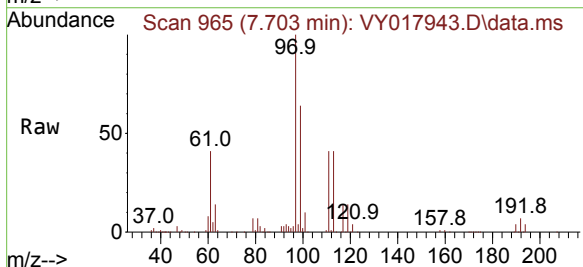
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

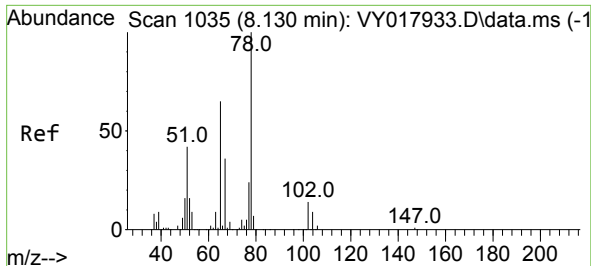
Tgt Ion: 56 Resp: 365033
Ion Ratio Lower Upper
56 100
69 35.9 28.7 43.1
84 96.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.297 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 97 Resp: 359015
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 41.9 32.6 48.8

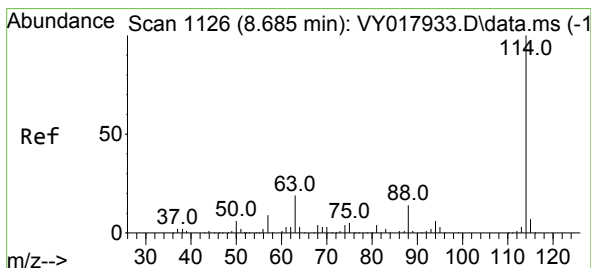
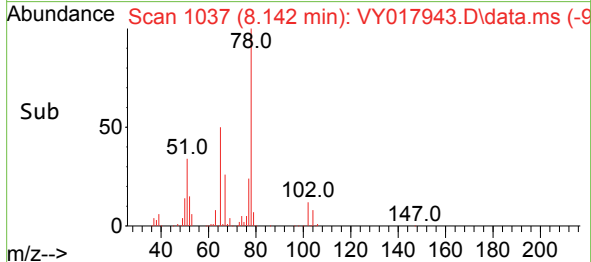
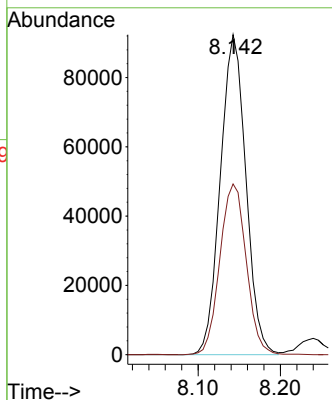
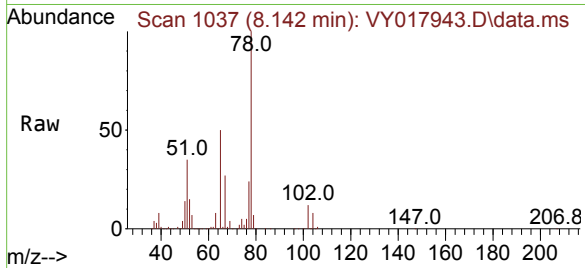




#33
 1,2-Dichloroethane-d4
 Concen: 52.516 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

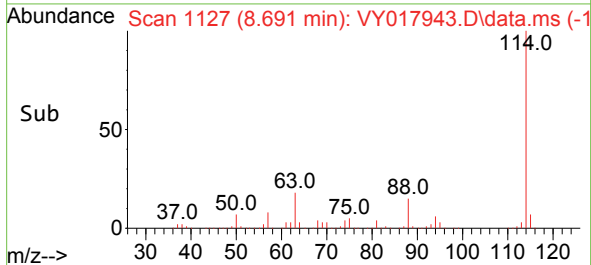
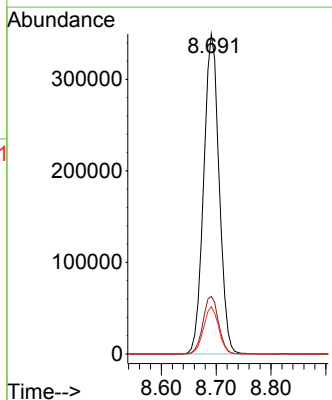
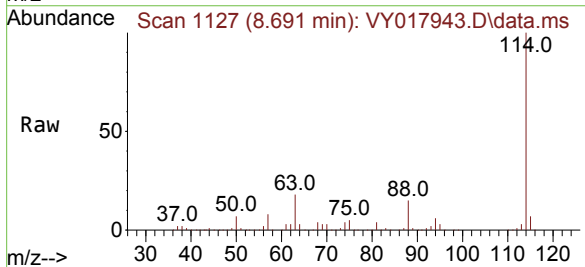
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

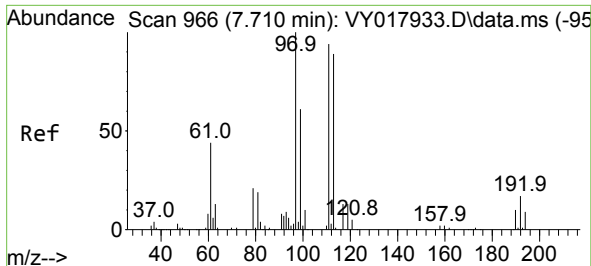
Tgt Ion: 65 Resp: 199829
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

Tgt Ion:114 Resp: 680111
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.0
 88 14.8 0.0 27.2

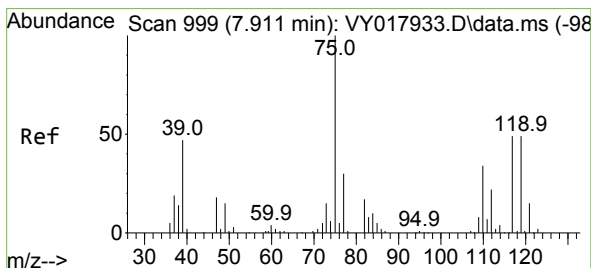
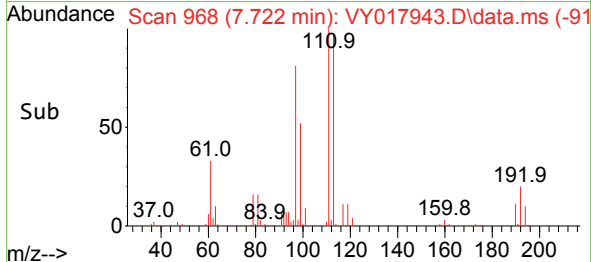
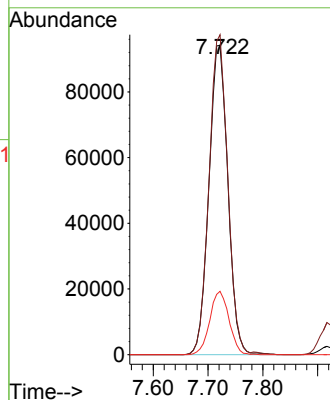
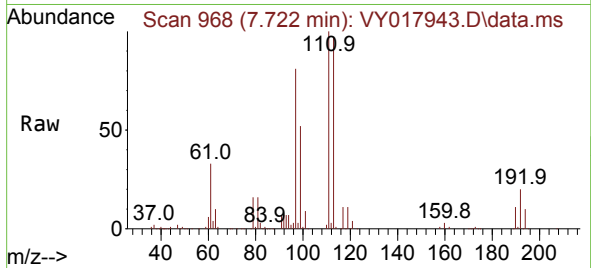




#35
Dibromofluoromethane
Concen: 53.908 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

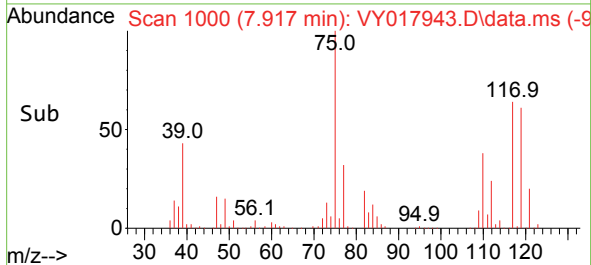
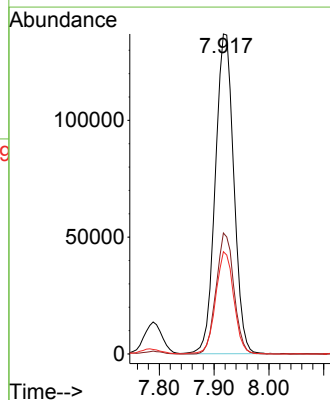
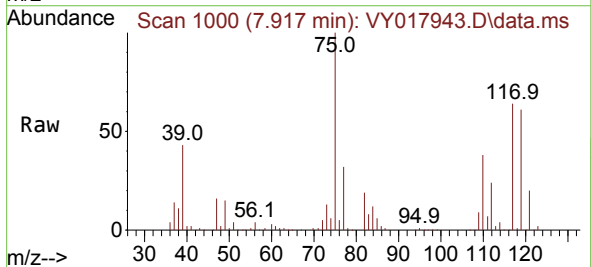
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

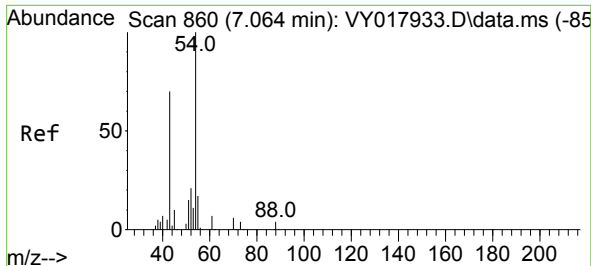
Tgt Ion:113 Resp: 226193
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.630 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 75 Resp: 321151
Ion Ratio Lower Upper
75 100
110 36.3 19.0 57.0
77 31.4 25.3 37.9

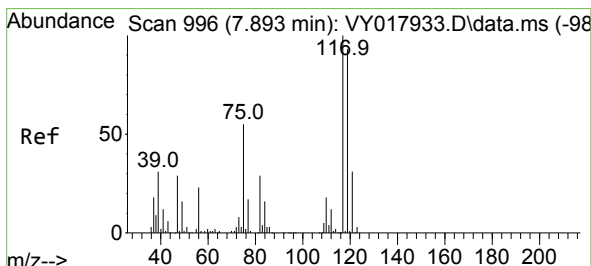
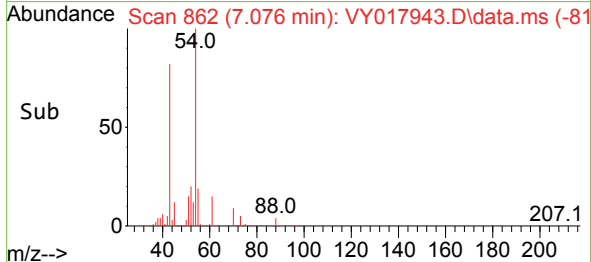
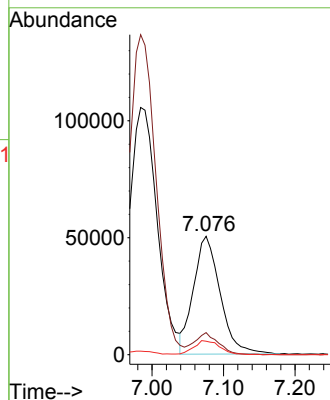
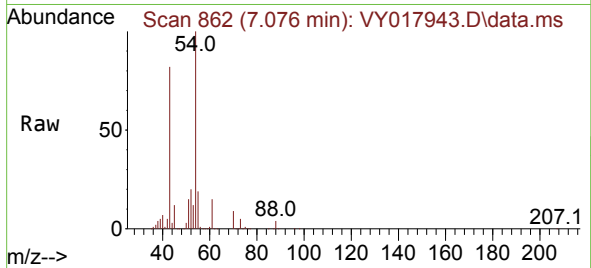




#37
Ethyl Acetate
Concen: 52.071 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

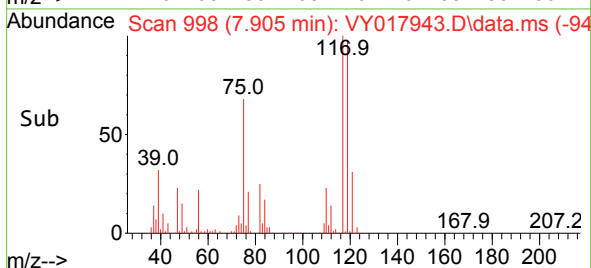
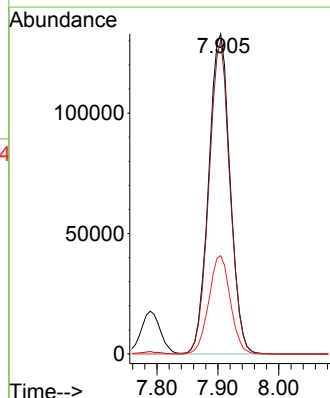
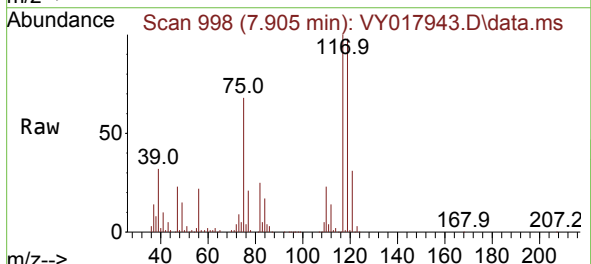
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

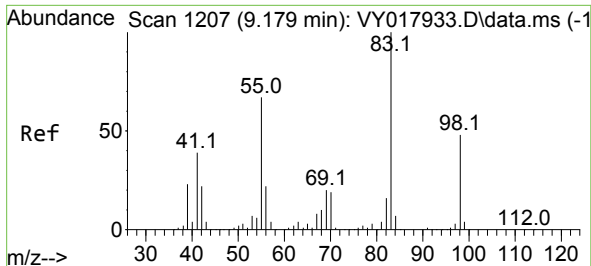
Tgt Ion: 43 Resp: 130726
Ion Ratio Lower Upper
43 100
61 16.8 12.6 19.0
70 11.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 52.667 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 117 Resp: 324686
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.6
121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 54.253 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

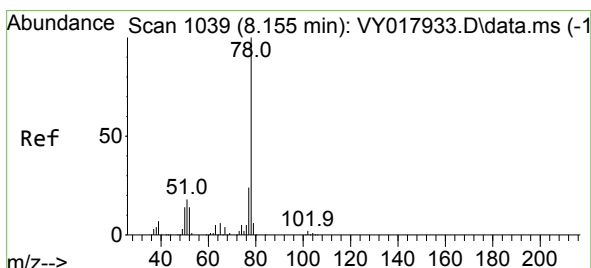
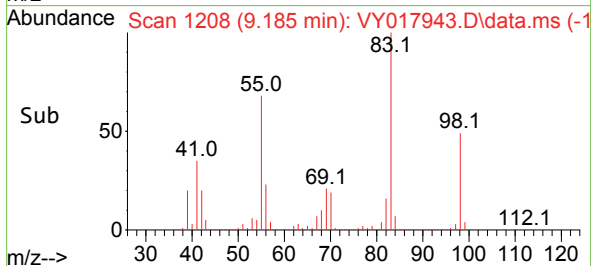
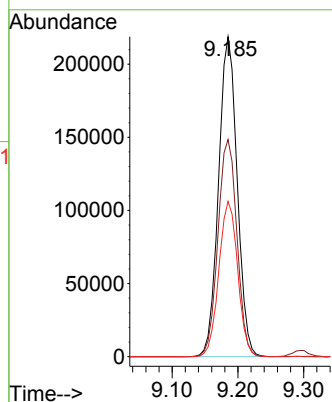
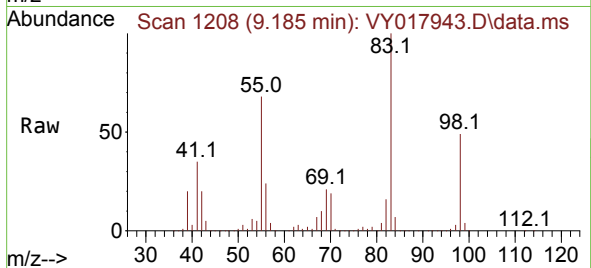
Tgt Ion: 83 Resp: 431414

Ion Ratio Lower Upper

83 100

55 67.9 51.5 77.3

98 48.6 40.5 60.7



#40

Benzene

Concen: 52.389 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017943.D

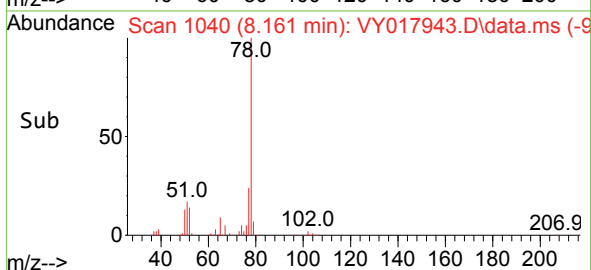
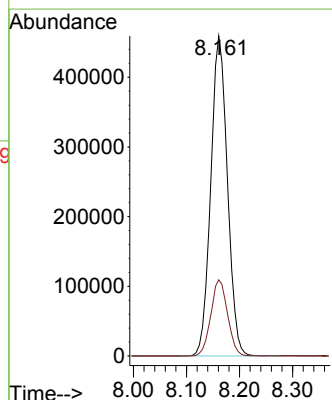
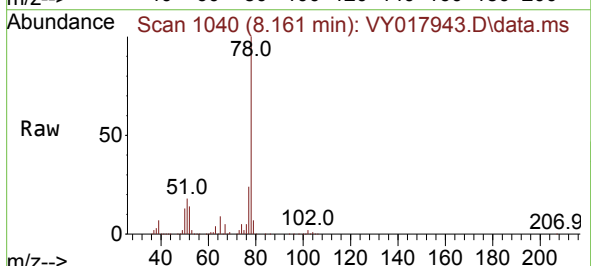
Acq: 16 Apr 2024 12:17

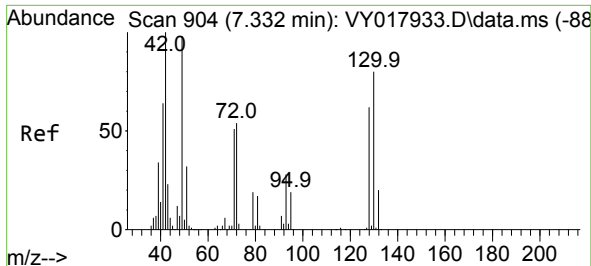
Tgt Ion: 78 Resp: 1001338

Ion Ratio Lower Upper

78 100

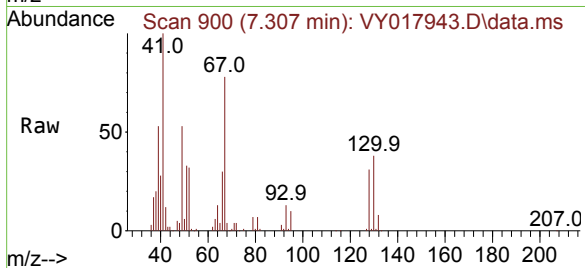
77 23.8 19.5 29.3



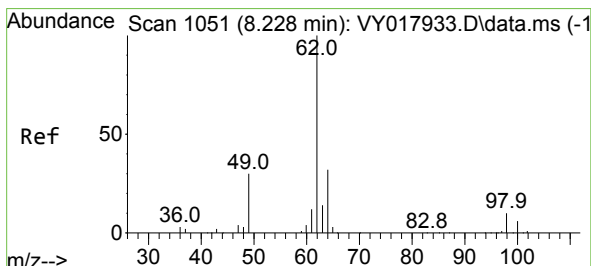
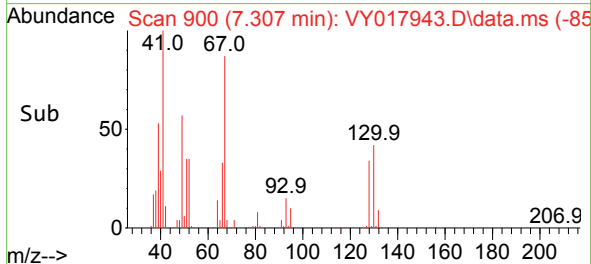
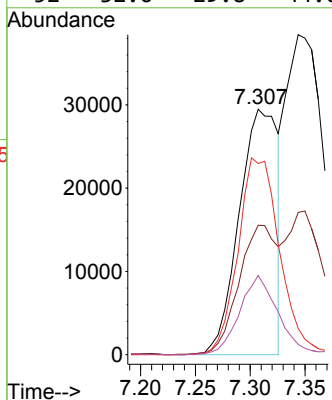


#41
Methacrylonitrile
Concen: 45.554 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

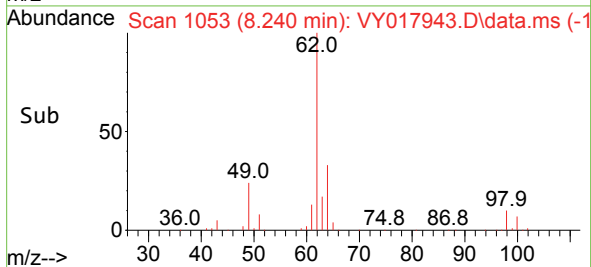
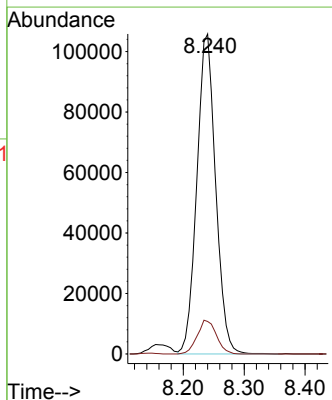
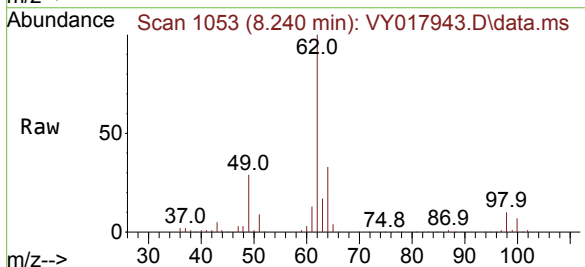


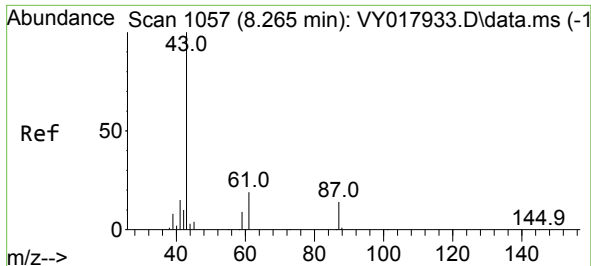
Tgt Ion: 41 Resp: 72180
Ion Ratio Lower Upper
41 100
39 52.1 48.0 72.0
67 87.3 75.1 112.7
52 32.6 29.8 44.6



#42
1,2-Dichloroethane
Concen: 51.785 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 62 Resp: 226794
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

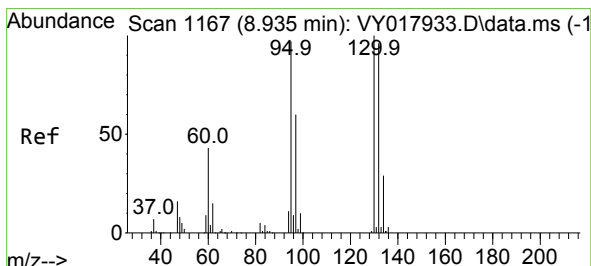
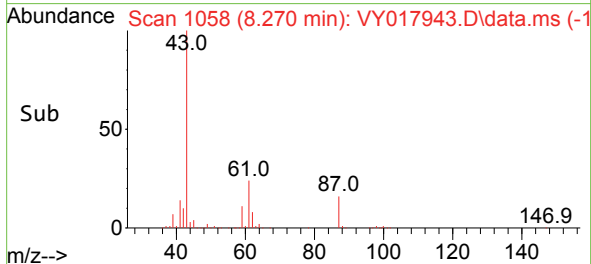
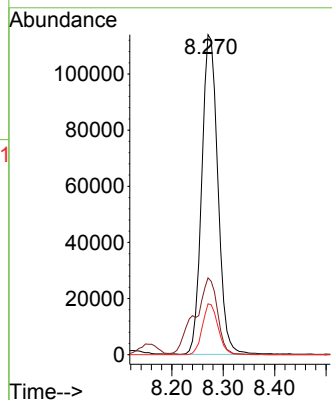
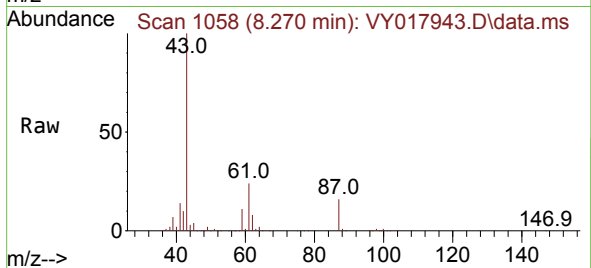




#43
Isopropyl Acetate
Concen: 52.924 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

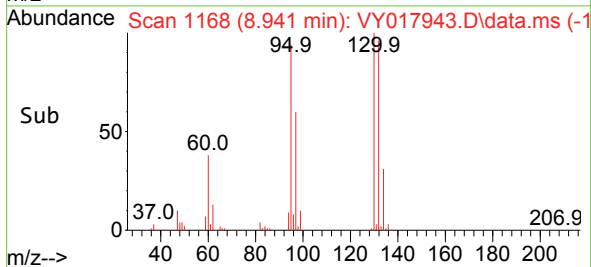
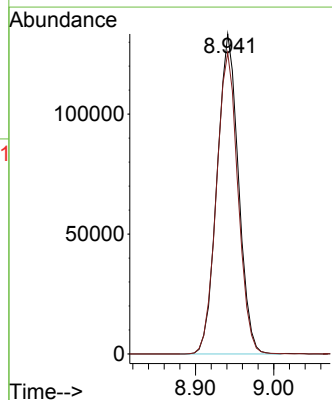
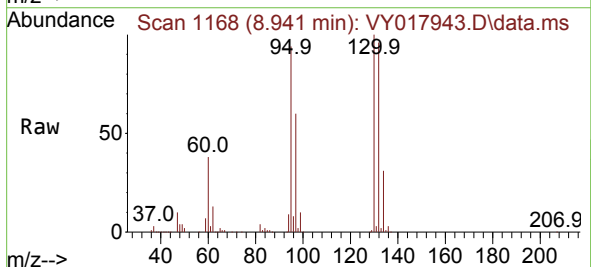
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

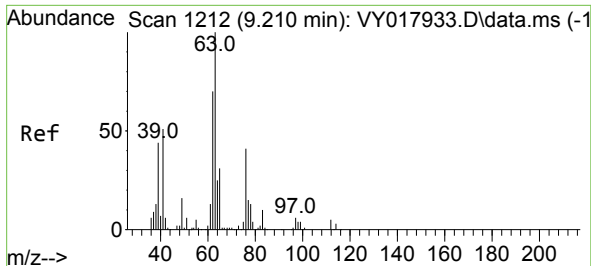
Tgt Ion: 43 Resp: 247675
Ion Ratio Lower Upper
43 100
61 33.3 27.9 41.9
87 15.5 13.1 19.7



#44
Trichloroethene
Concen: 52.167 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion:130 Resp: 253378
Ion Ratio Lower Upper
130 100
95 94.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 52.433 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

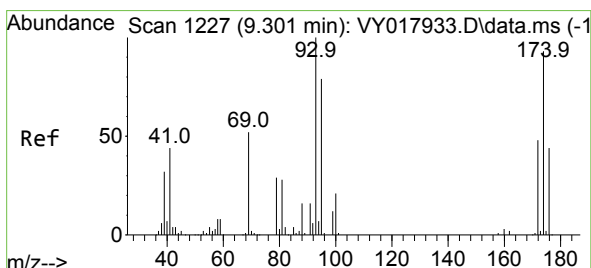
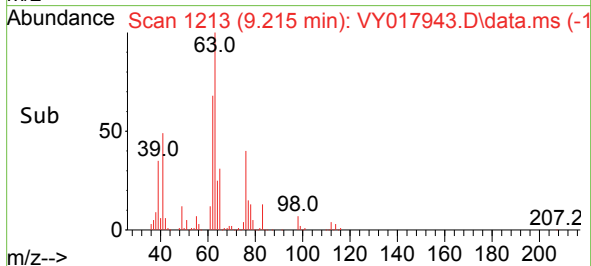
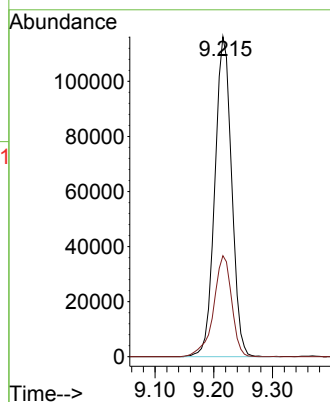
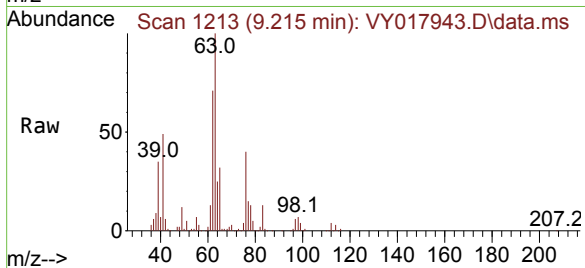
VSTDICCC050

Tgt Ion: 63 Resp: 230694

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 52.147 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

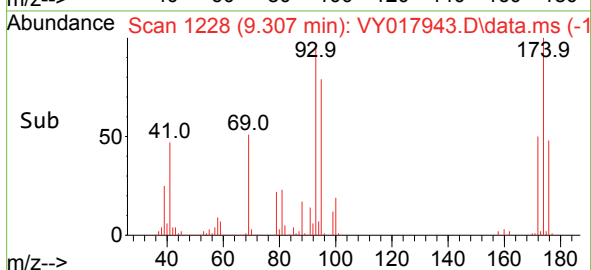
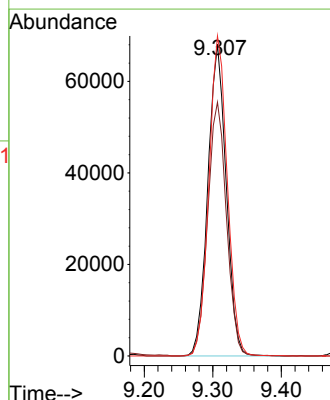
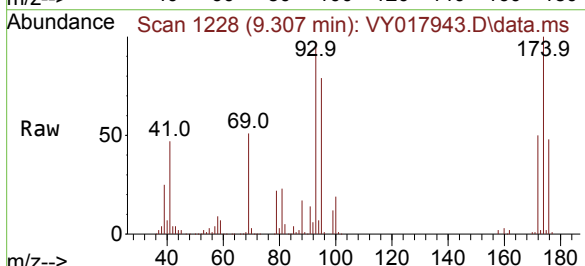
Tgt Ion: 93 Resp: 126911

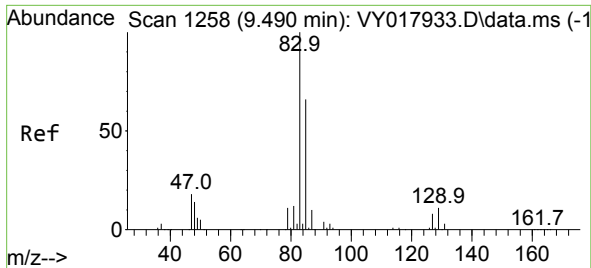
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 102.9 80.9 121.3

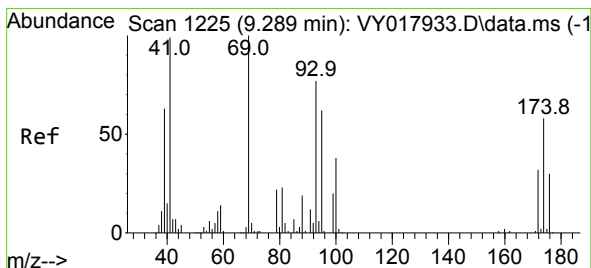
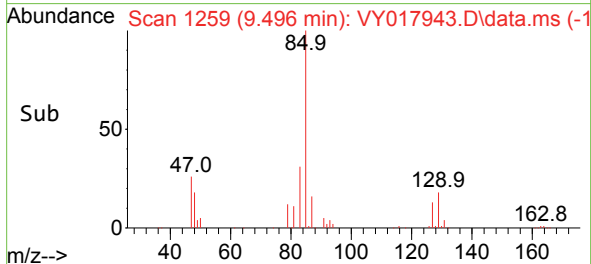
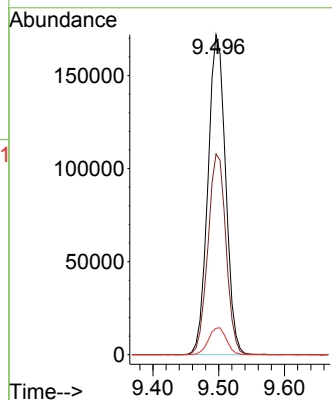
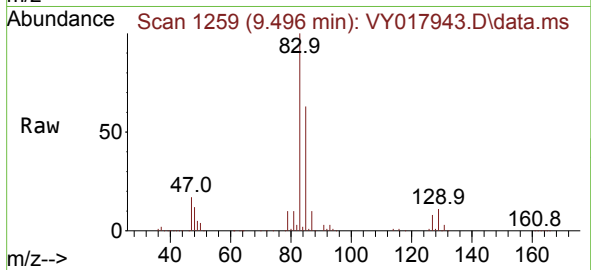




#47
Bromodichloromethane
Concen: 52.666 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

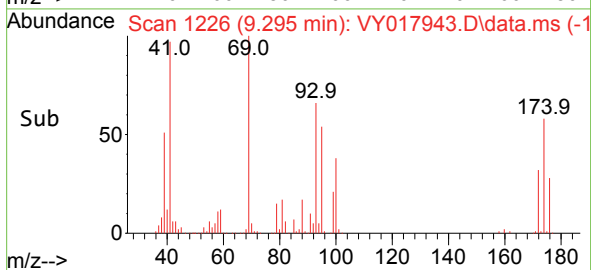
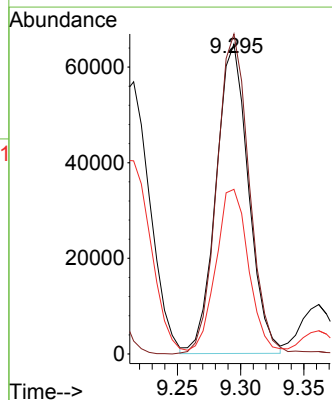
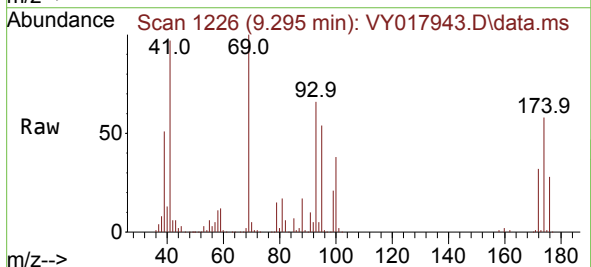
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

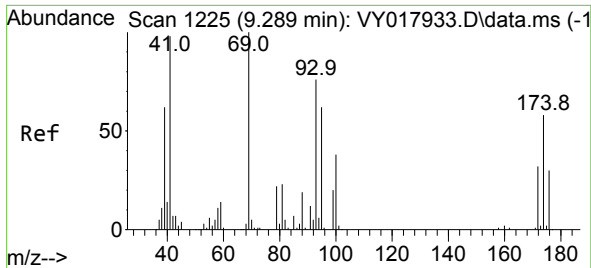
Tgt Ion: 83 Resp: 321567
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 53.786 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 41 Resp: 115340
Ion Ratio Lower Upper
41 100
69 104.4 84.1 126.1
39 51.8 43.6 65.4





#49

1,4-Dioxane

Concen: 1068.093 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

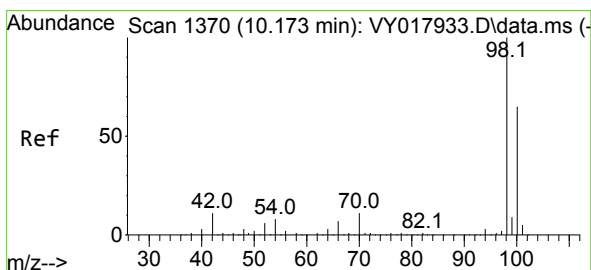
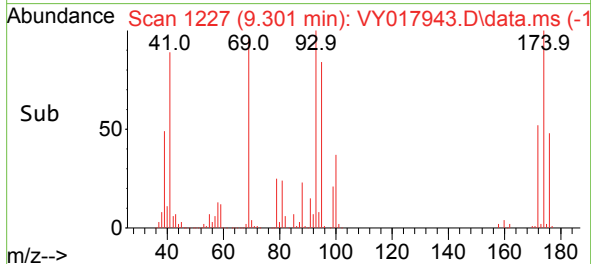
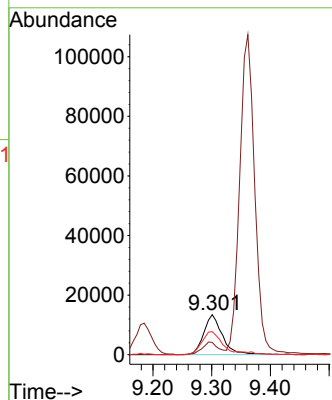
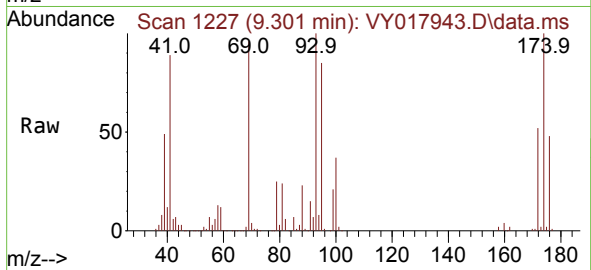
Tgt Ion: 88 Resp: 29675

Ion Ratio Lower Upper

88 100

43 27.6 0.0 0.0#

58 68.1 49.3 73.9



#50

Toluene-d8

Concen: 55.239 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY017943.D

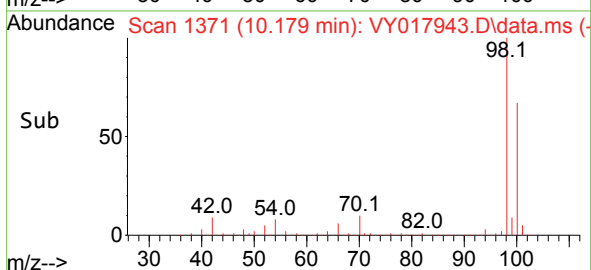
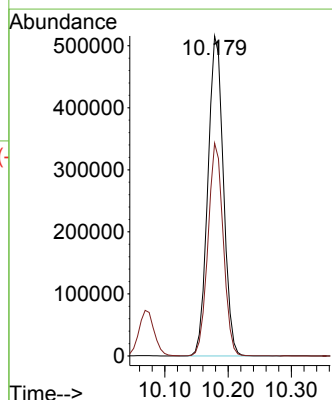
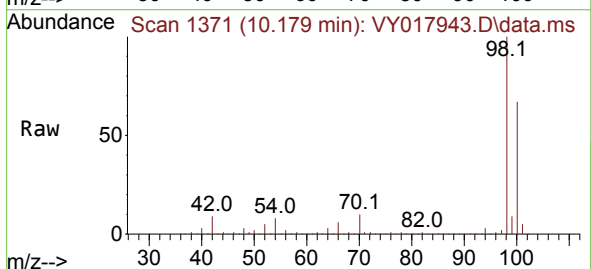
Acq: 16 Apr 2024 12:17

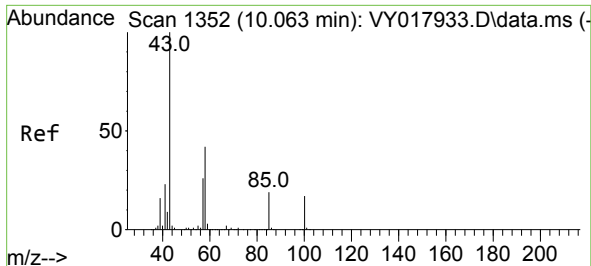
Tgt Ion: 98 Resp: 879480

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

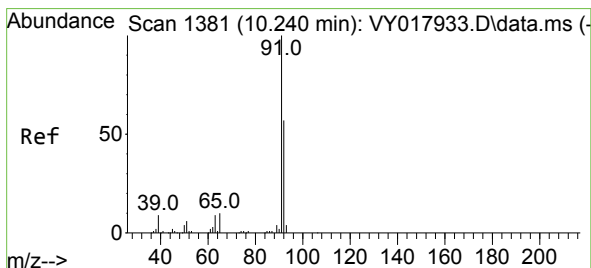
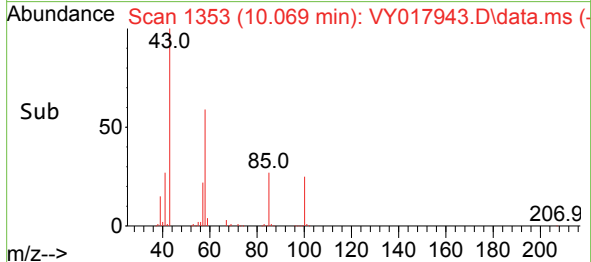
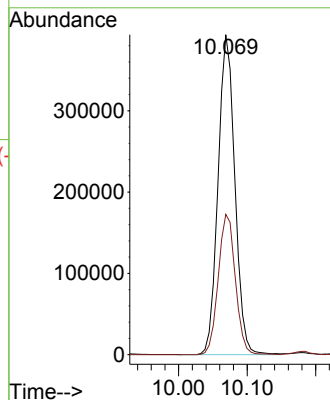
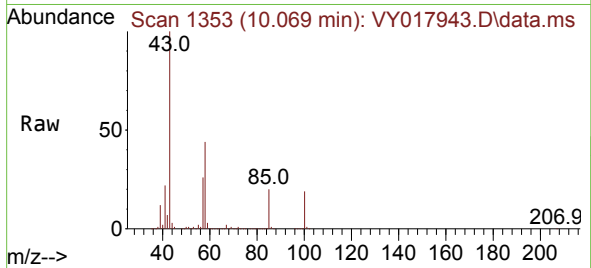




#51
4-Methyl-2-Pentanone
Concen: 269.003 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

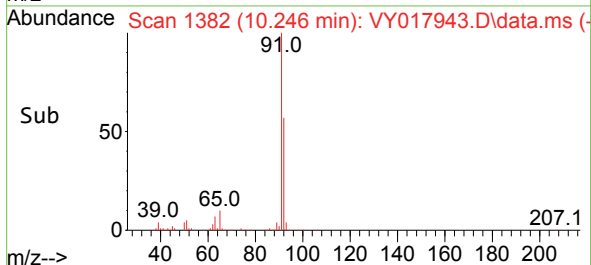
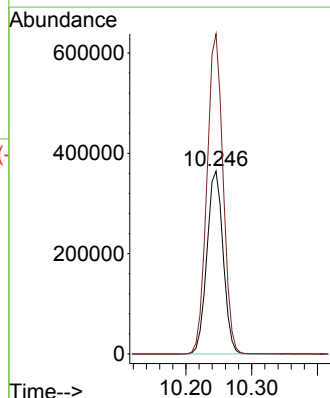
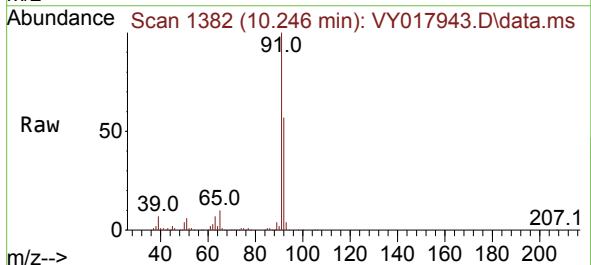
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

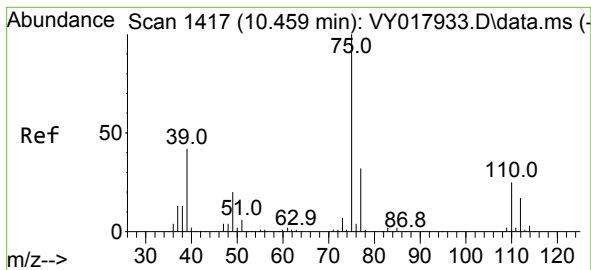
Tgt Ion: 43 Resp: 667359
Ion Ratio Lower Upper
43 100
58 44.7 35.7 53.5



#52
Toluene
Concen: 53.205 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 92 Resp: 624021
Ion Ratio Lower Upper
92 100
91 174.2 139.0 208.6

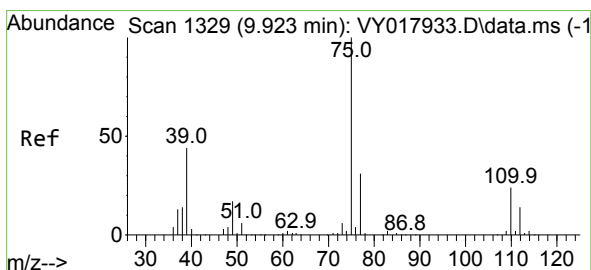
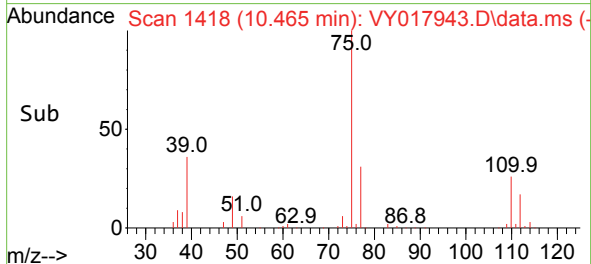
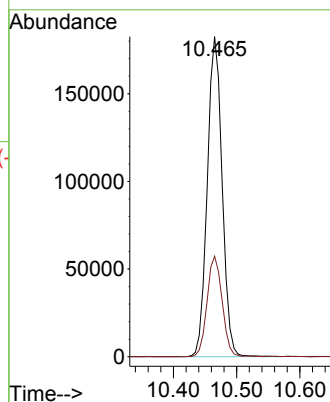
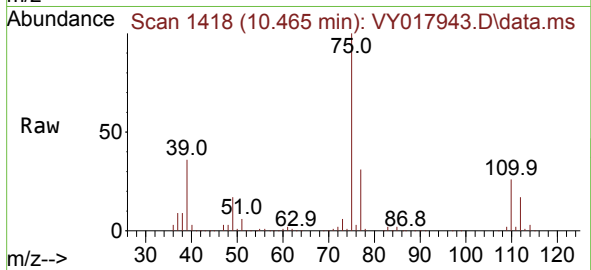




#53
 t-1,3-Dichloropropene
 Concen: 53.500 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

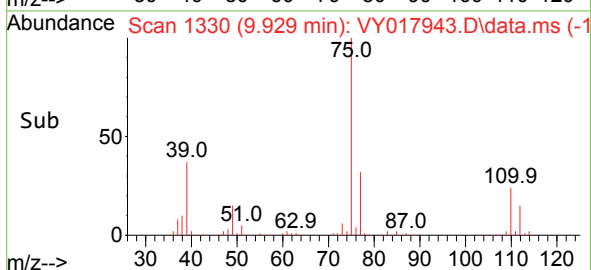
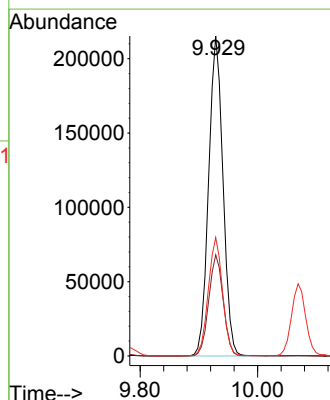
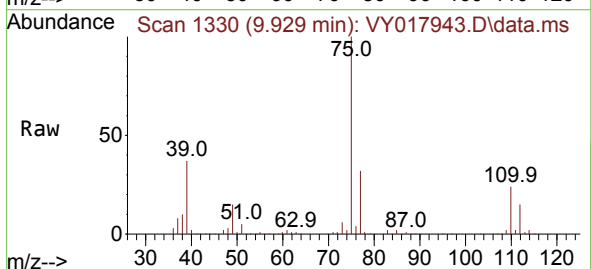
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

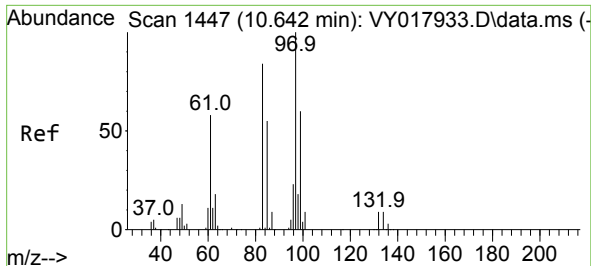
Tgt Ion: 75 Resp: 298216
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 53.351 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

Tgt Ion: 75 Resp: 365329
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 37.0 29.8 44.6

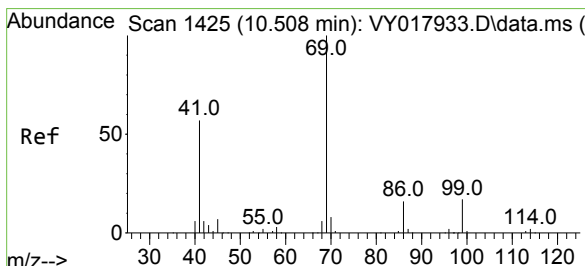
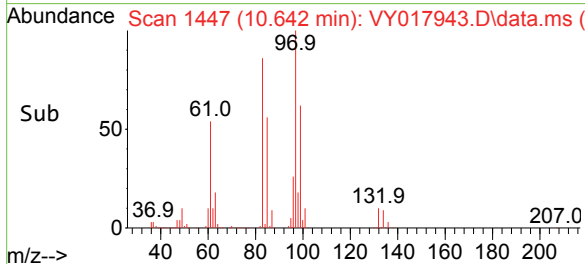
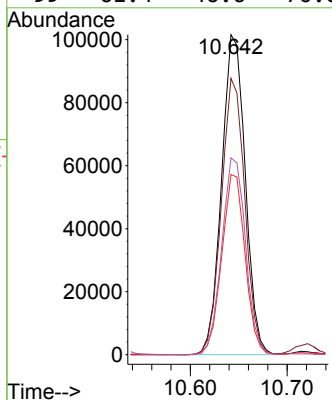
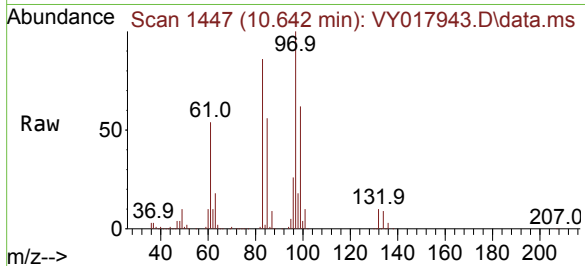




#55
1,1,2-Trichloroethane
Concen: 52.167 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

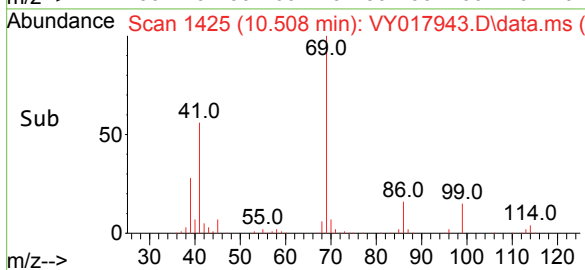
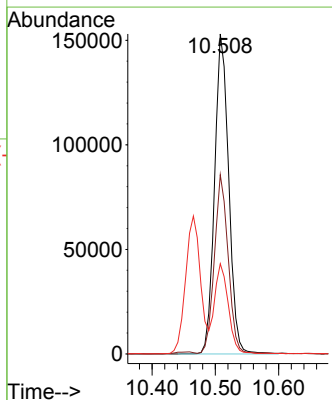
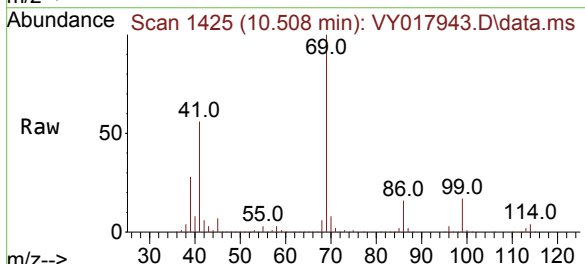
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

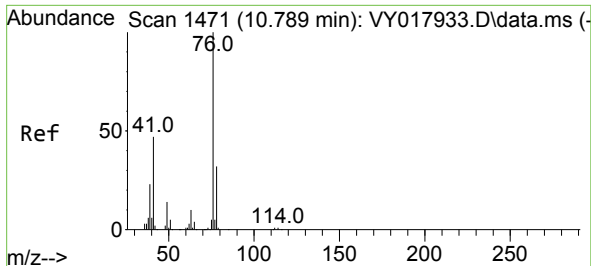
Tgt Ion:	97	Resp:	172586
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.5	101.3
85	56.3	42.9	64.3
99	61.4	46.6	70.0



#56
Ethyl methacrylate
Concen: 54.948 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion:	69	Resp:	236992
Ion	Ratio	Lower	Upper
69	100		
41	54.7	42.3	63.5
39	26.9	22.9	34.3





#57

1,3-Dichloropropane

Concen: 52.404 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

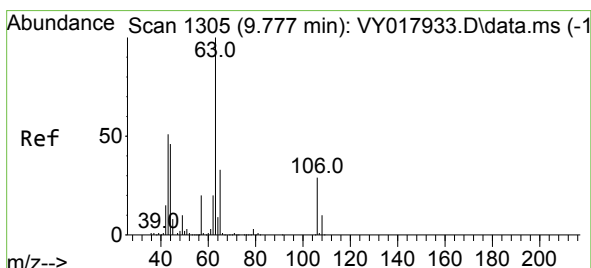
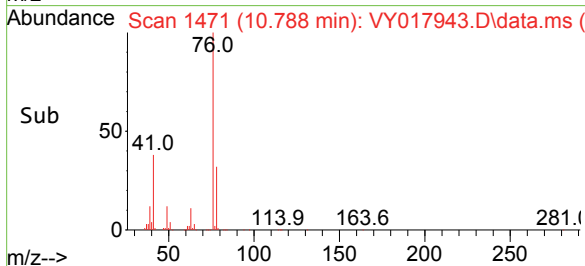
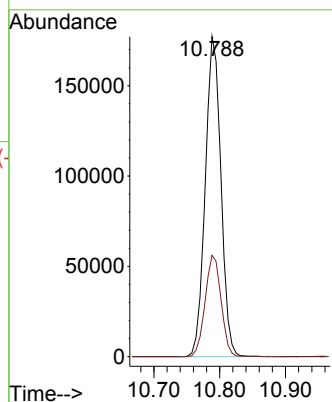
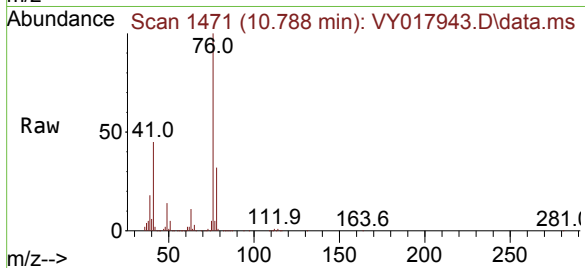
VSTDICCC050

Tgt Ion: 76 Resp: 293570

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 263.792 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY017943.D

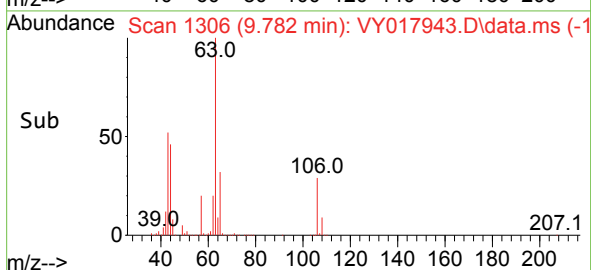
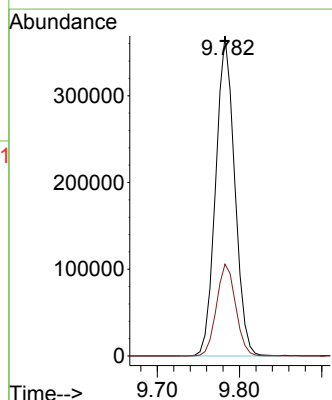
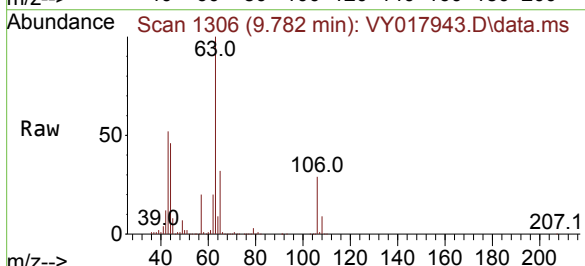
Acq: 16 Apr 2024 12:17

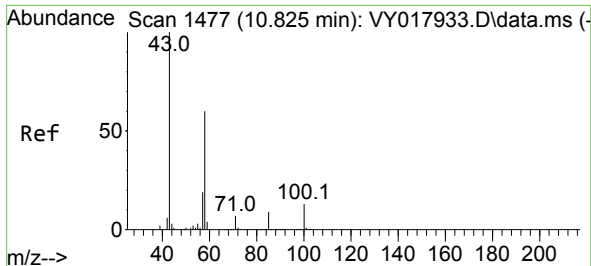
Tgt Ion: 63 Resp: 591398

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5

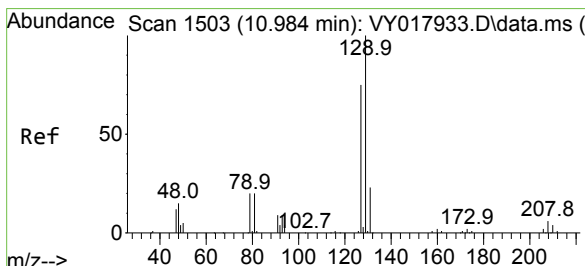
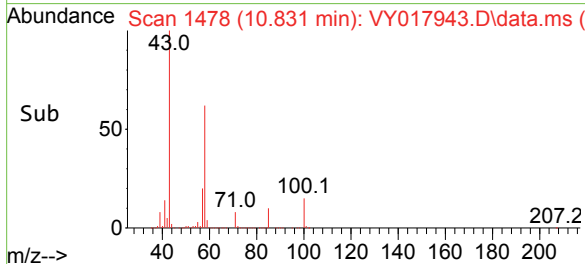
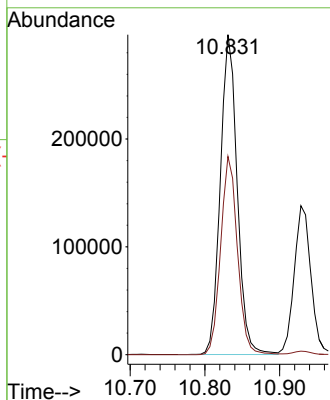
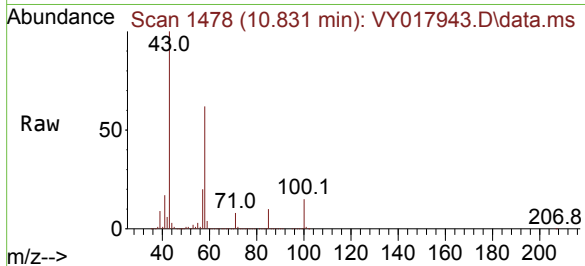




#59
2-Hexanone
Concen: 275.716 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

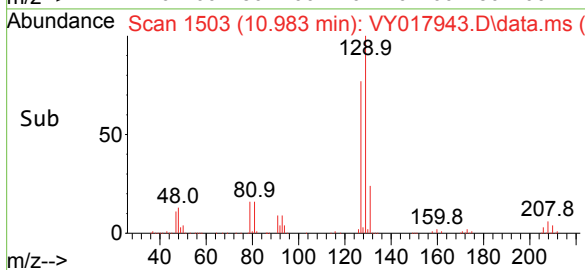
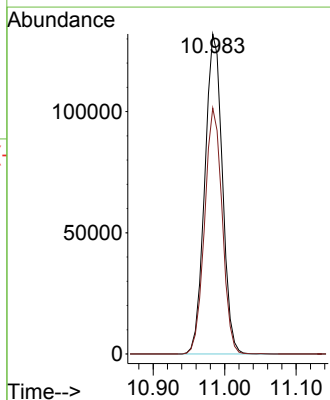
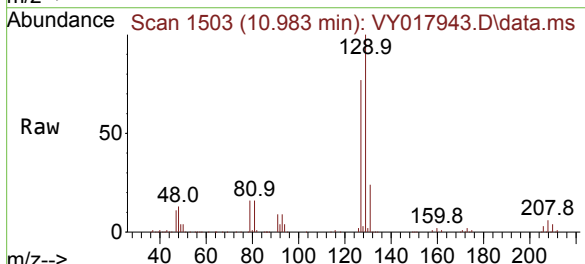
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

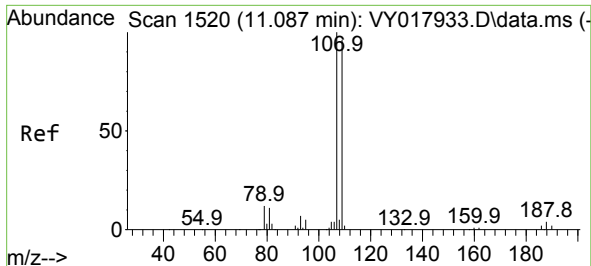
Tgt Ion: 43 Resp: 466930
Ion Ratio Lower Upper
43 100
58 61.7 31.4 94.0



#60
Dibromochloromethane
Concen: 52.817 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 129 Resp: 224573
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

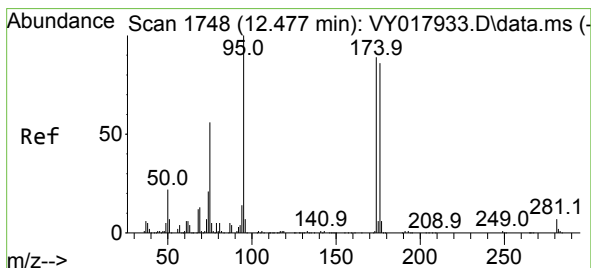
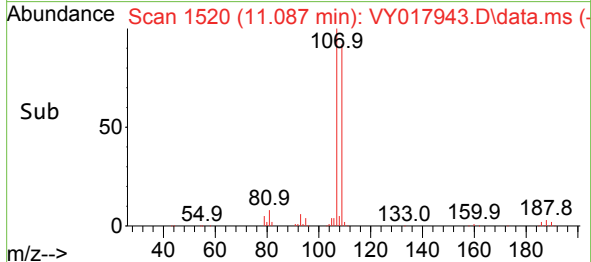
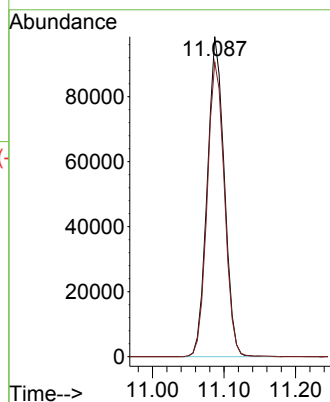
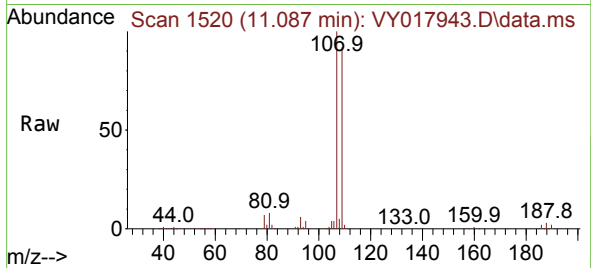




#61
1,2-Dibromoethane
Concen: 52.701 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

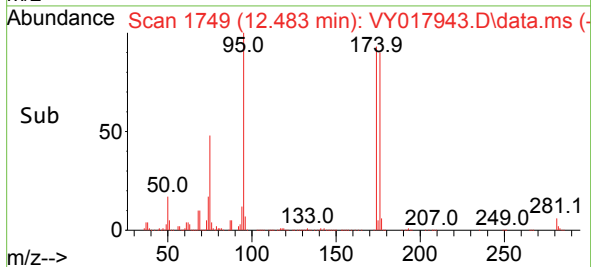
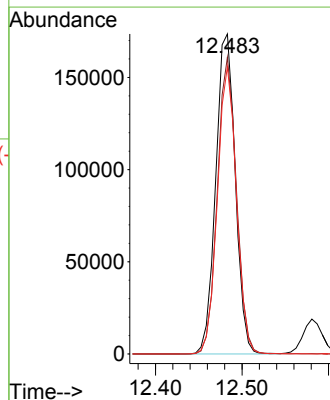
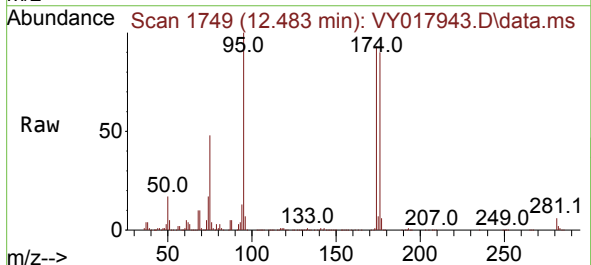
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

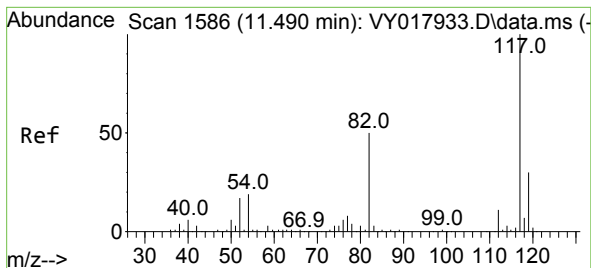
Tgt Ion:107 Resp: 162490
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.187 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 95 Resp: 272119
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.6
176 87.5 0.0 171.4

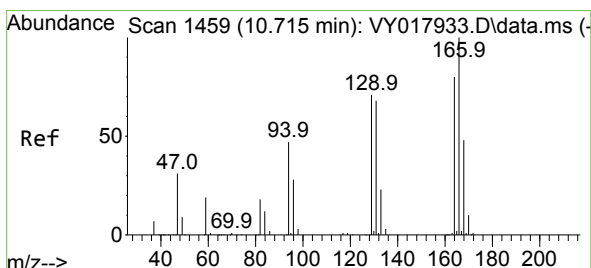
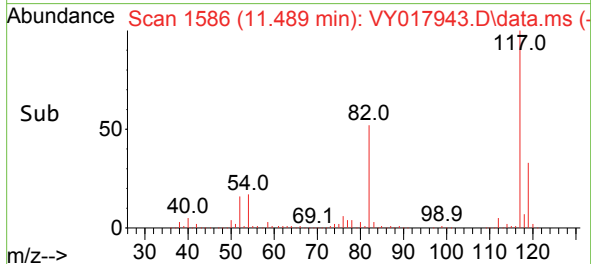
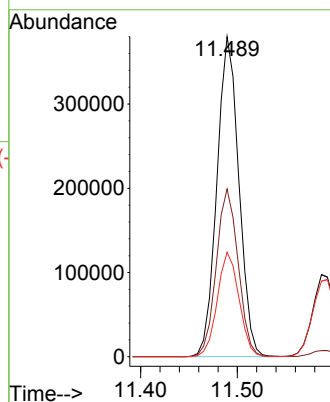
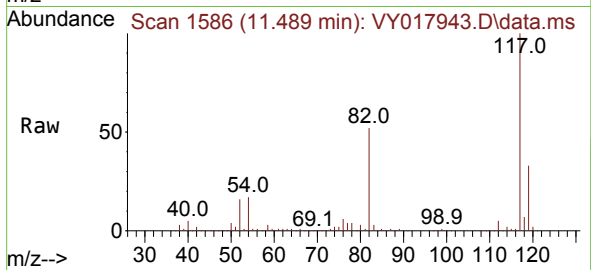




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

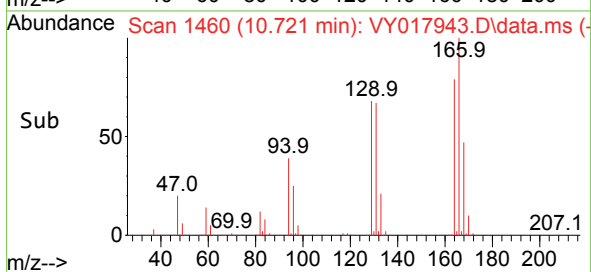
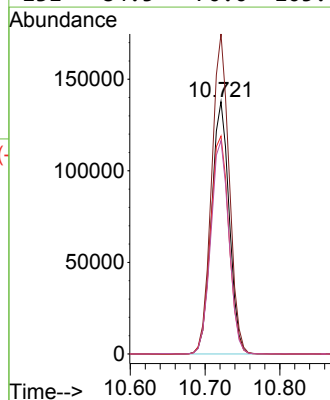
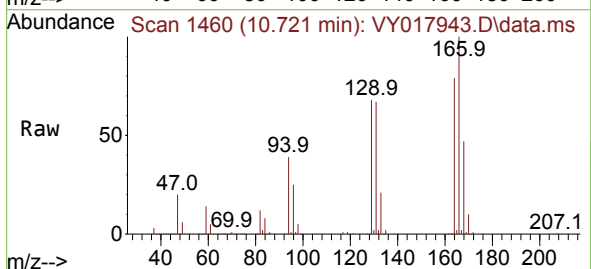
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

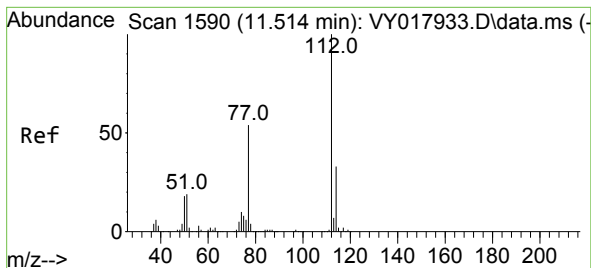
Tgt Ion:117 Resp: 598620
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 52.960 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion:164 Resp: 227107
Ion Ratio Lower Upper
164 100
166 126.8 102.6 154.0
129 86.4 72.0 108.0
131 84.5 70.0 105.0





#65

Chlorobenzene

Concen: 52.085 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

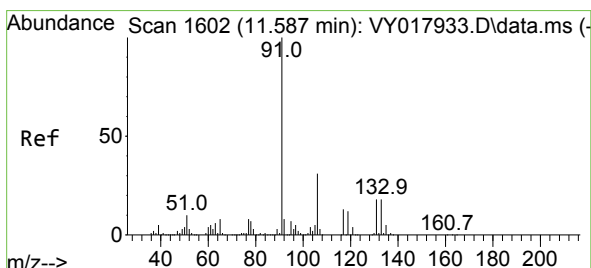
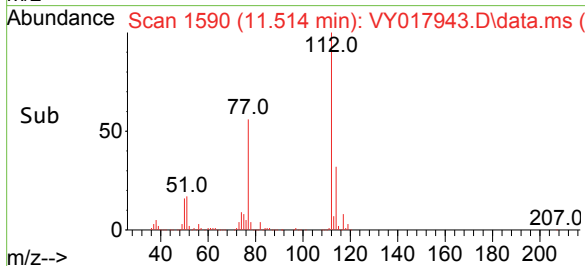
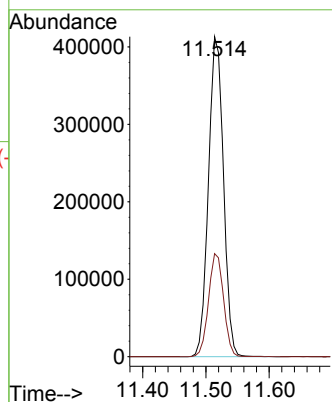
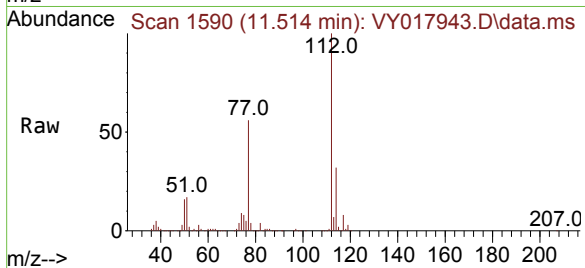
VSTDICCC050

Tgt Ion:112 Resp: 683338

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.130 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

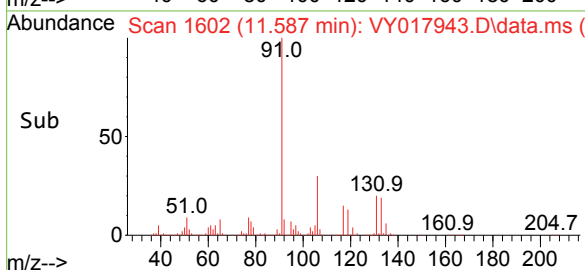
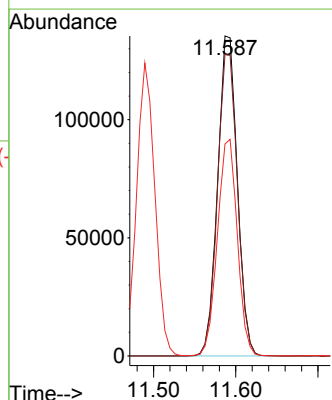
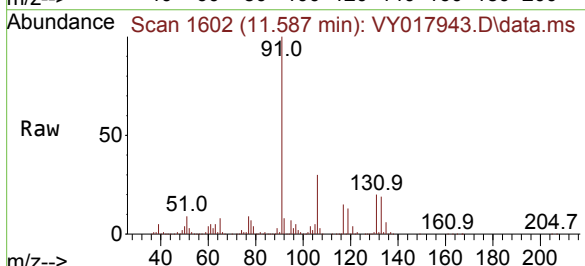
Tgt Ion:131 Resp: 225523

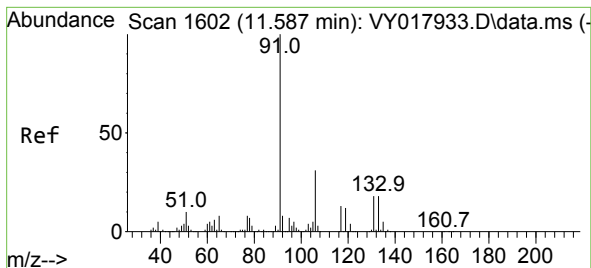
Ion Ratio Lower Upper

131 100

133 95.8 47.8 143.3

119 68.5 34.1 102.2

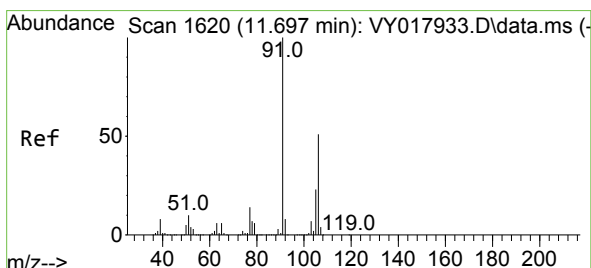
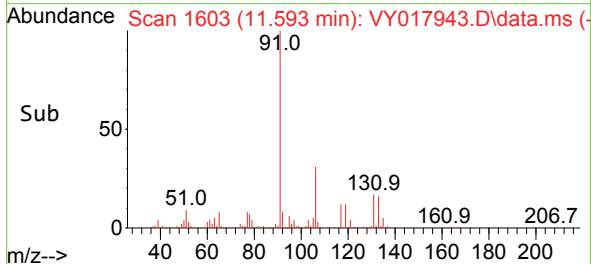
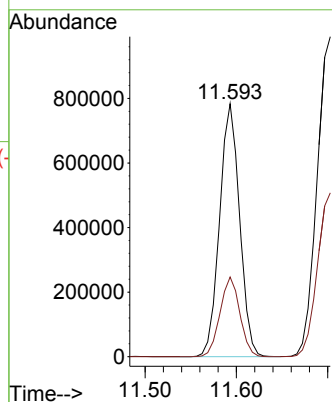
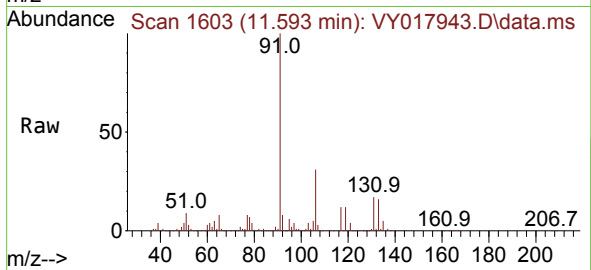




#67
Ethyl Benzene
Concen: 53.925 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

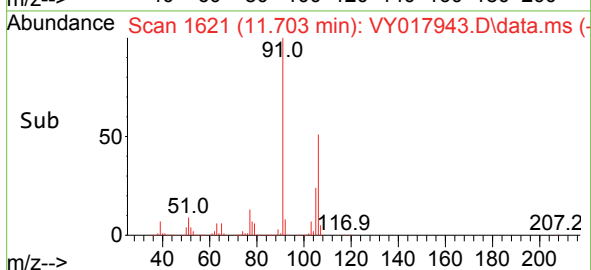
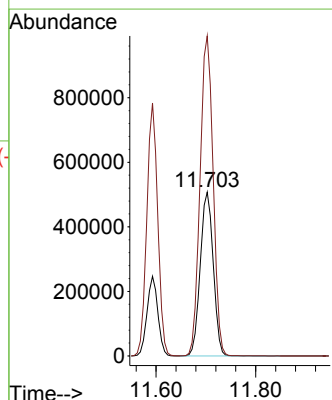
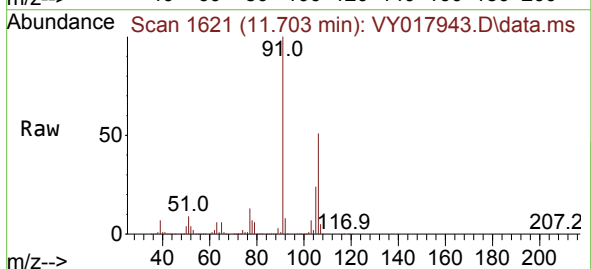
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

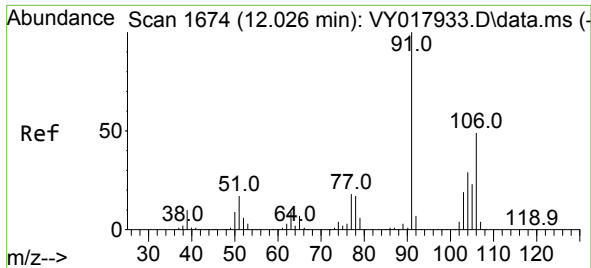
Tgt Ion: 91 Resp: 1191238
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 107.887 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion:106 Resp: 915375
Ion Ratio Lower Upper
106 100
91 196.8 156.0 234.0

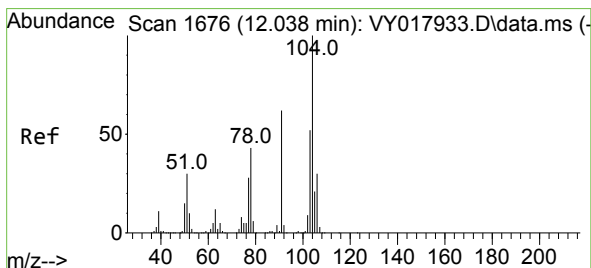
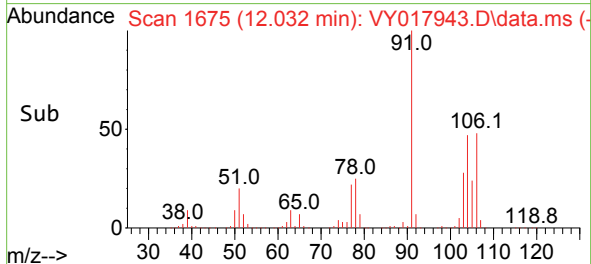
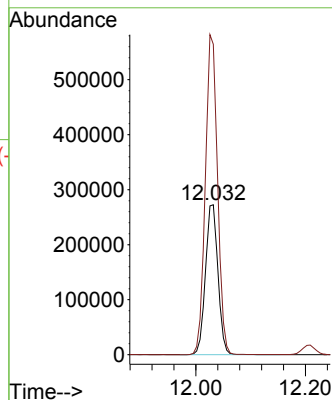
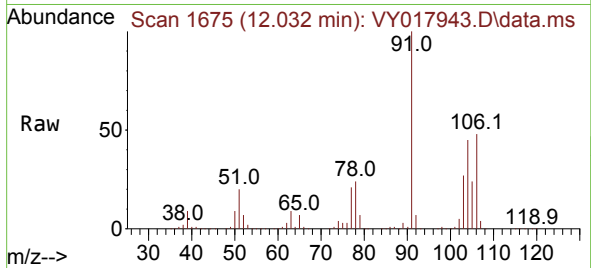




#69
o-Xylene
Concen: 54.158 ug/l
RT: 12.032 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

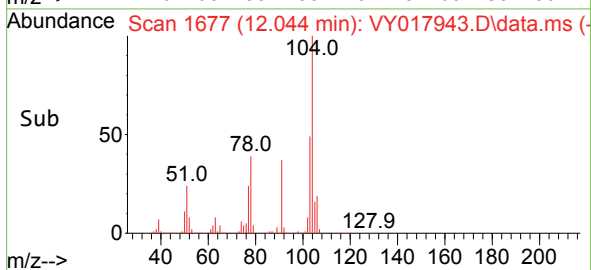
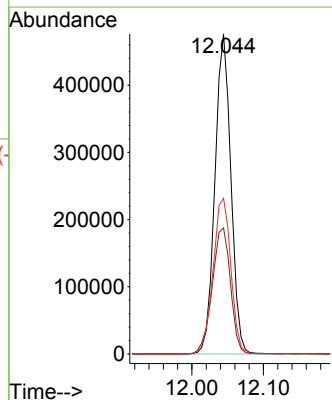
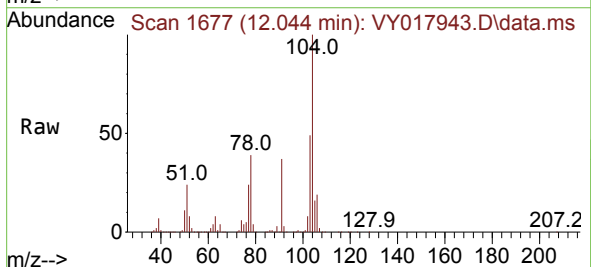
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

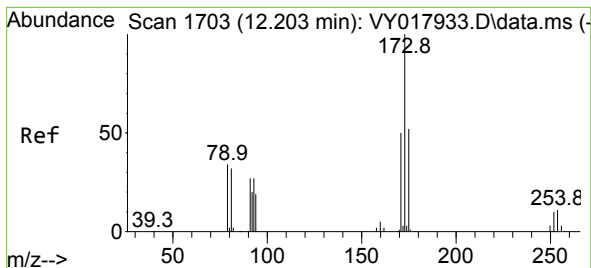
Tgt Ion:106 Resp: 429119
Ion Ratio Lower Upper
106 100
91 208.9 103.6 310.8



#70
Styrene
Concen: 55.133 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion:104 Resp: 738316
Ion Ratio Lower Upper
104 100
78 45.0 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 53.065 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

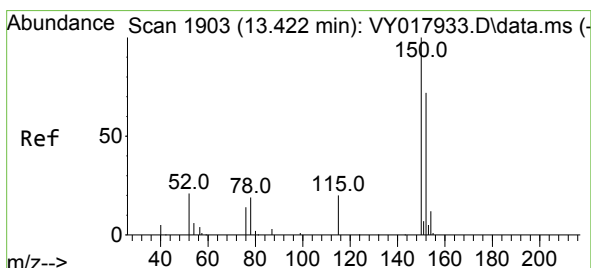
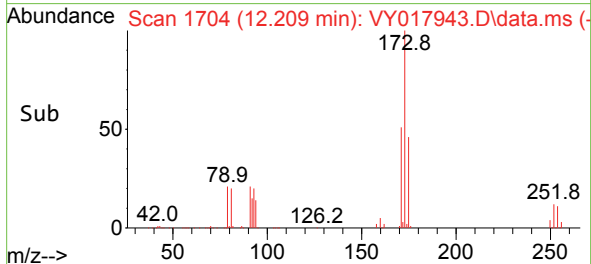
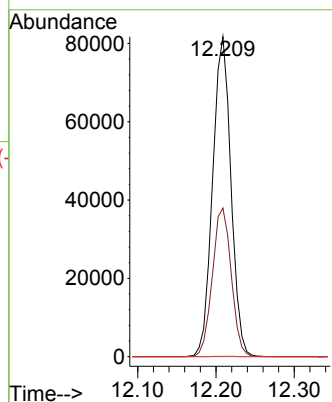
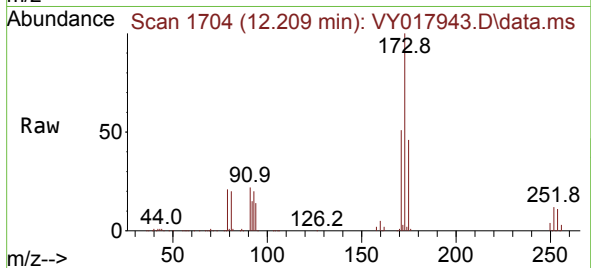
Tgt Ion:173 Resp: 132636

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

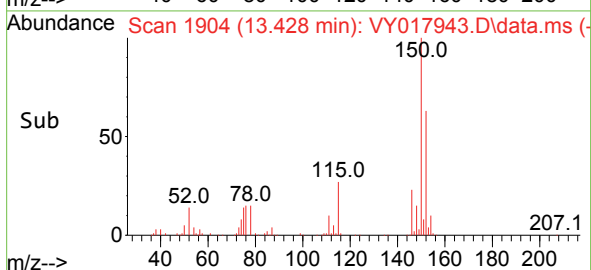
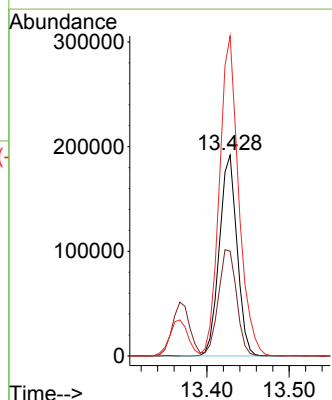
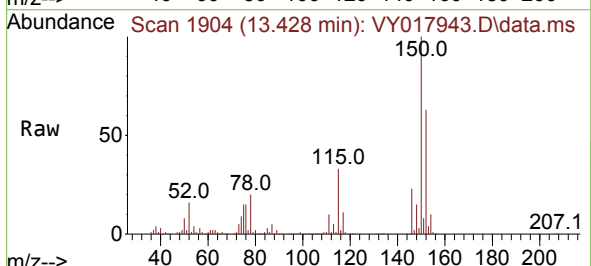
Tgt Ion:152 Resp: 287475

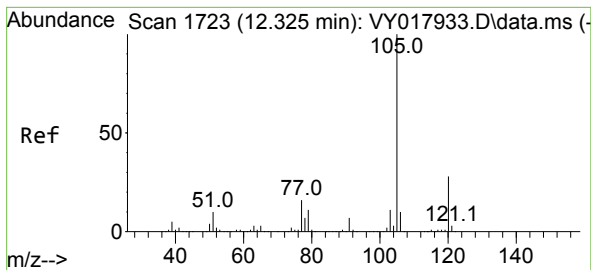
Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 173.3 0.0 345.6





#73

Isopropylbenzene

Concen: 53.438 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

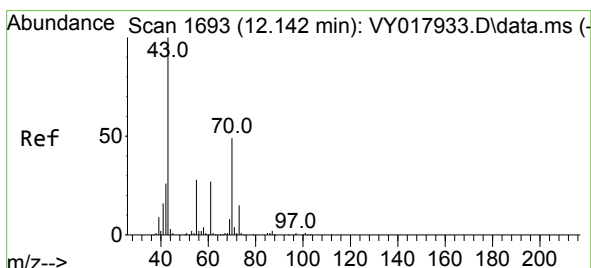
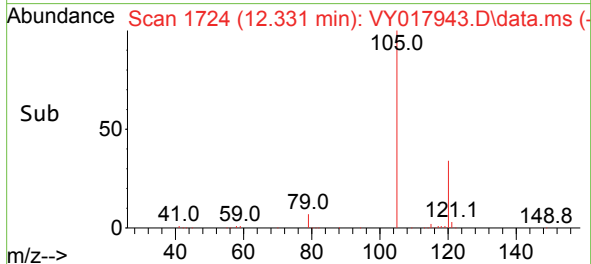
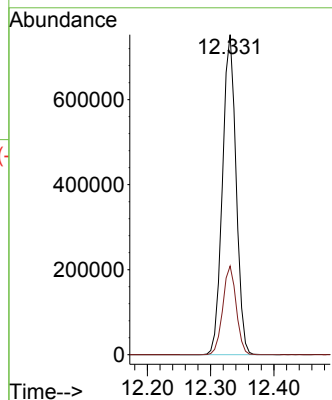
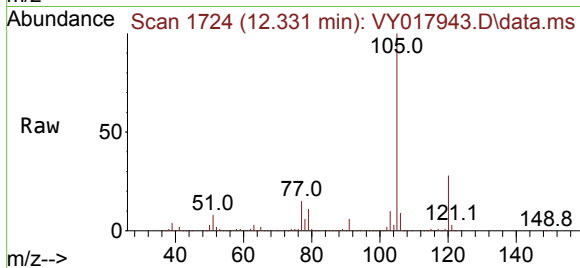
VSTDICCC050

Tgt Ion:105 Resp: 1119369

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-amy1 acetate

Concen: 53.400 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Tgt Ion: 43 Resp: 225802

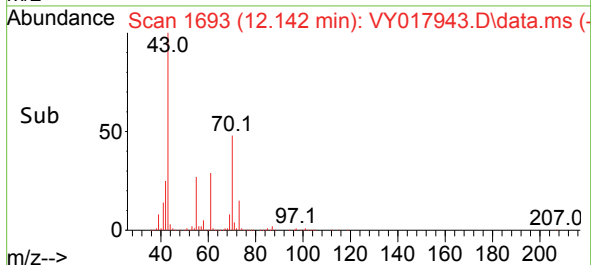
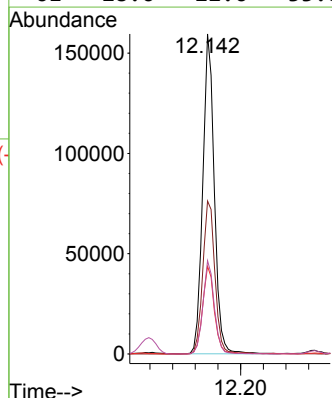
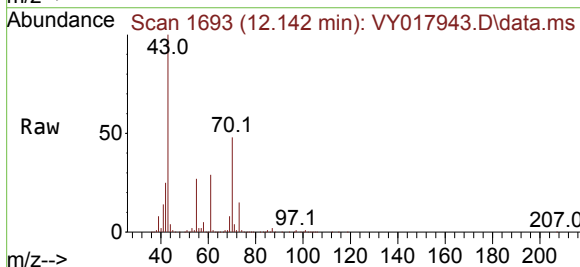
Ion Ratio Lower Upper

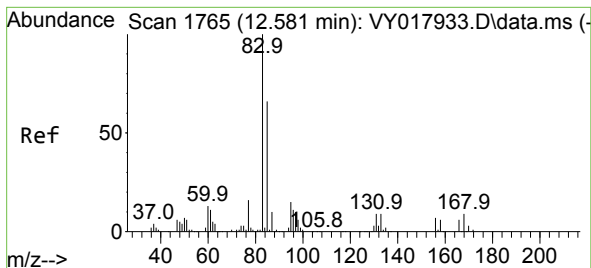
43 100

70 50.2 41.4 62.2

55 28.0 23.3 34.9

61 28.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.017 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

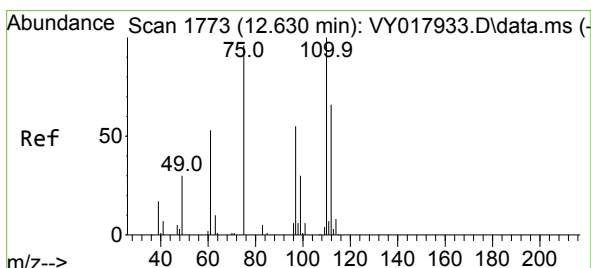
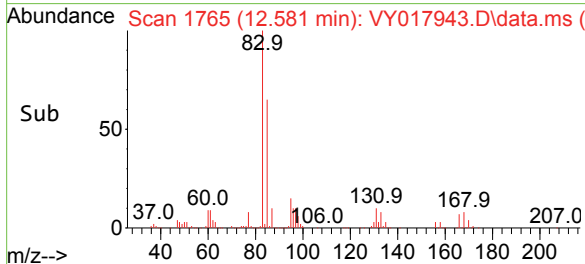
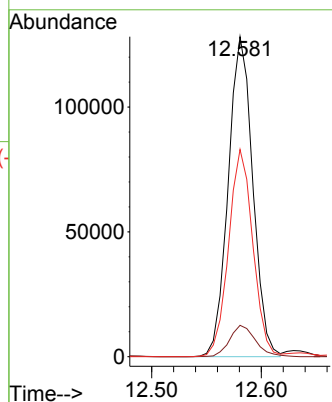
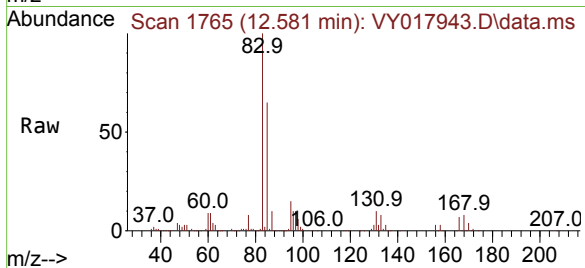
Tgt Ion: 83 Resp: 199312

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 89.790 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017943.D

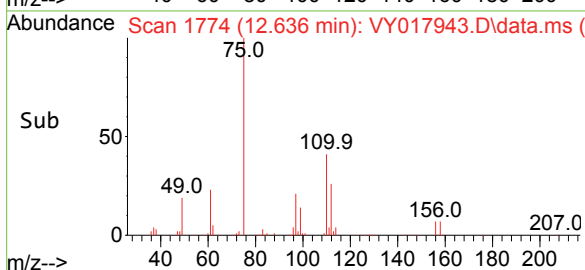
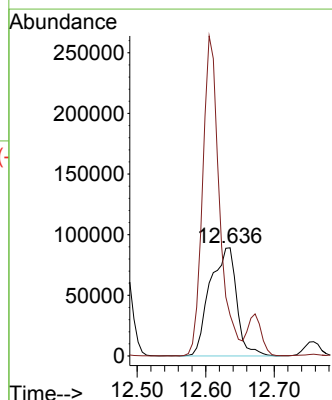
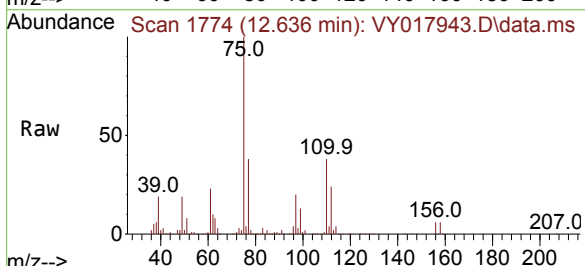
Acq: 16 Apr 2024 12:17

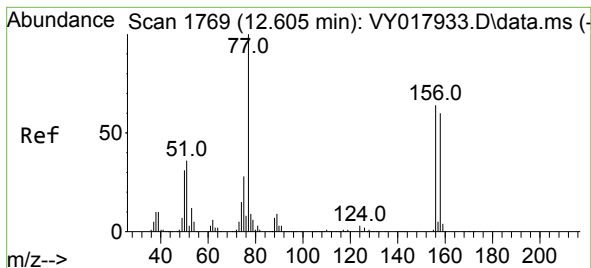
Tgt Ion: 75 Resp: 241610

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.688 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

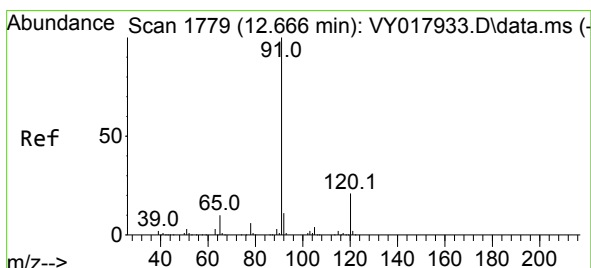
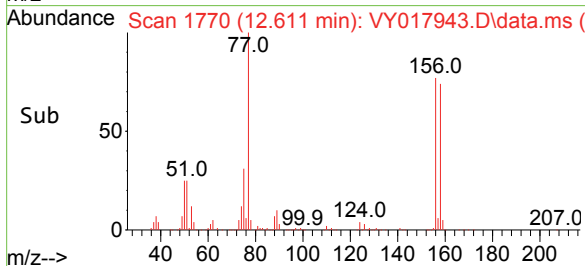
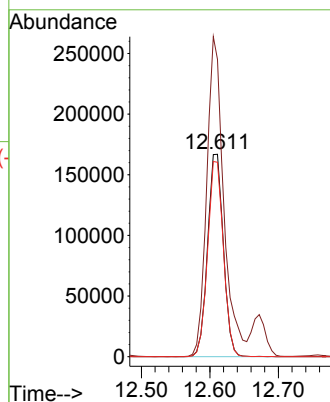
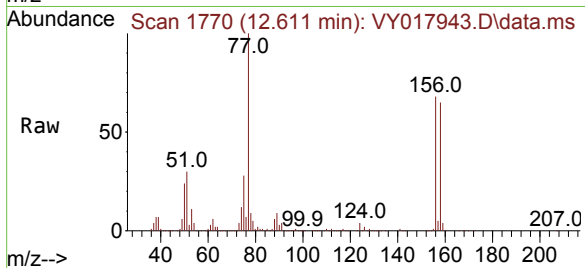
Tgt Ion:156 Resp: 267088

Ion Ratio Lower Upper

156 100

77 170.7 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 53.932 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017943.D

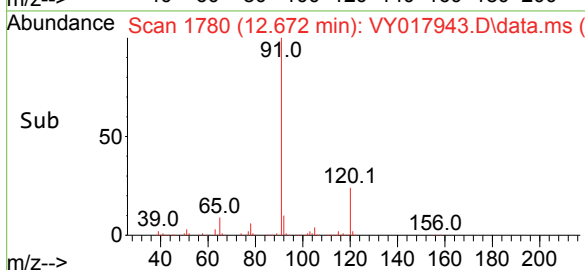
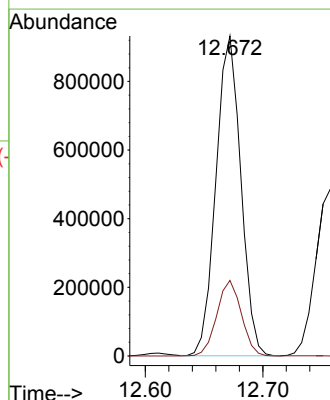
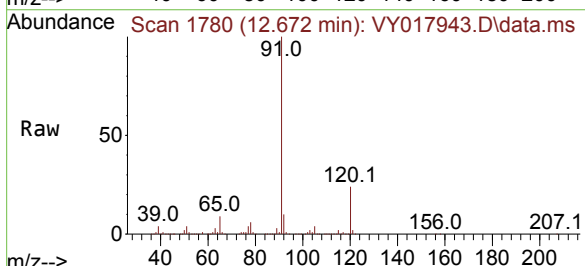
Acq: 16 Apr 2024 12:17

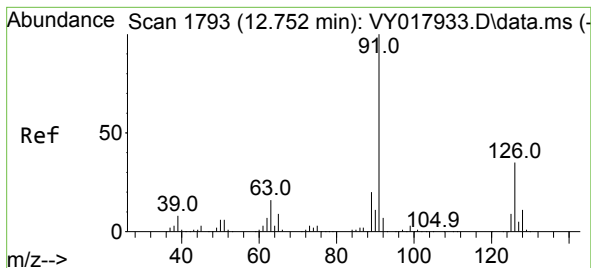
Tgt Ion: 91 Resp: 1370709

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.559 ug/l

RT: 12.757 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

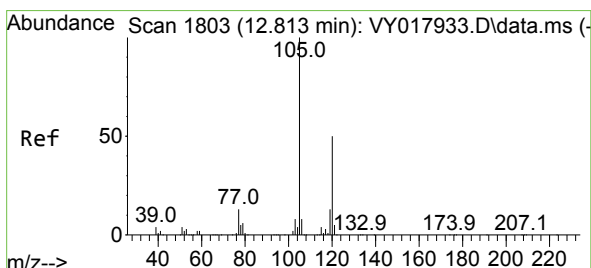
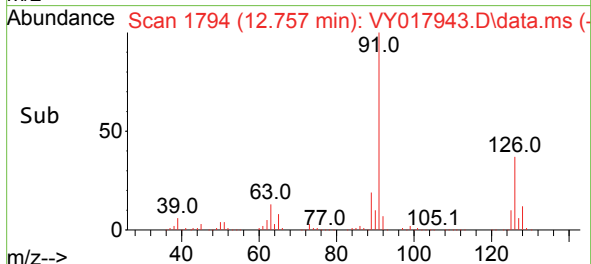
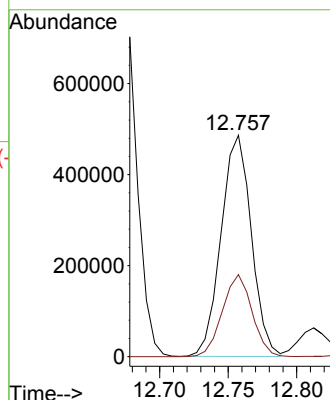
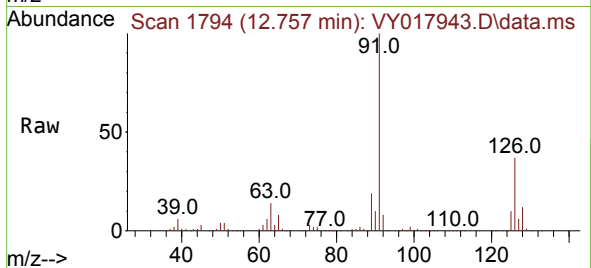
VSTDICCC050

Tgt Ion: 91 Resp: 747683

Ion Ratio Lower Upper

91 100

126 36.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 54.061 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY017943.D

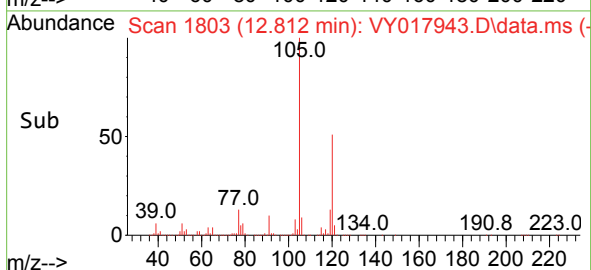
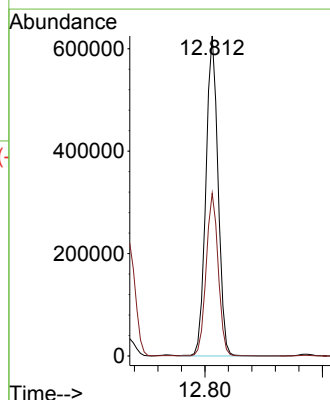
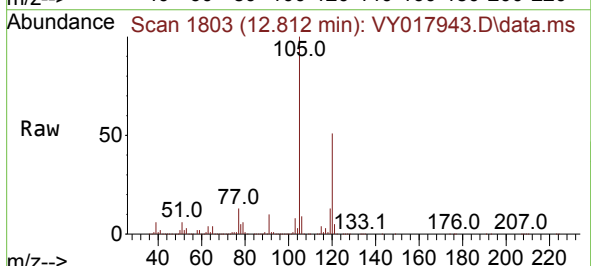
Acq: 16 Apr 2024 12:17

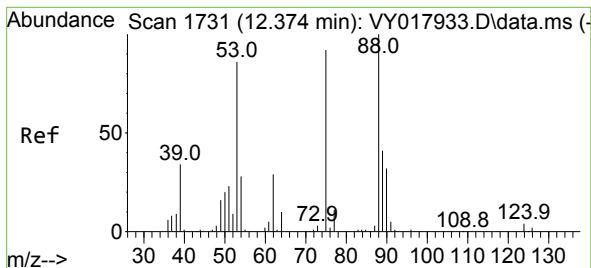
Tgt Ion: 105 Resp: 897940

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2

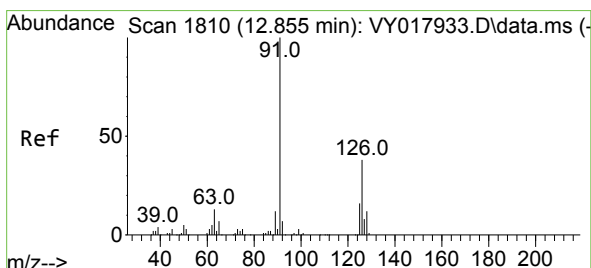
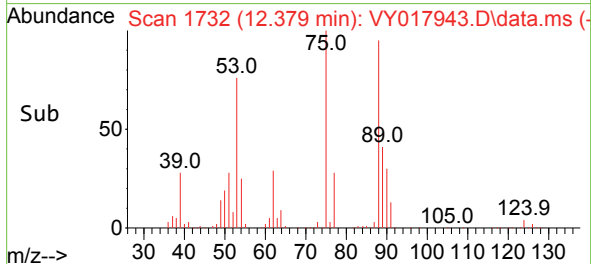
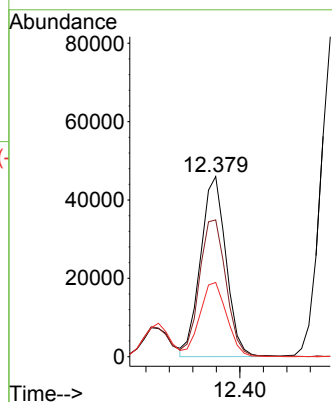
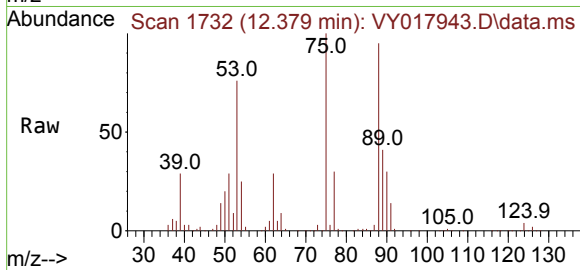




#81
trans-1,4-Dichloro-2-butene
Concen: 52.796 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

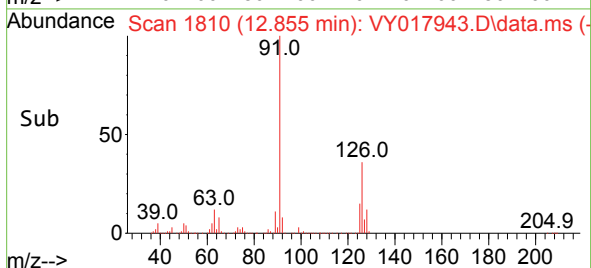
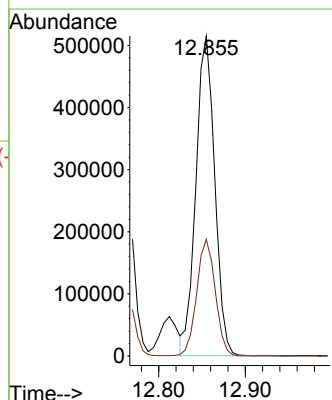
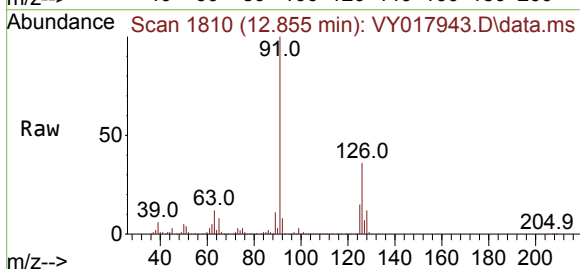
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

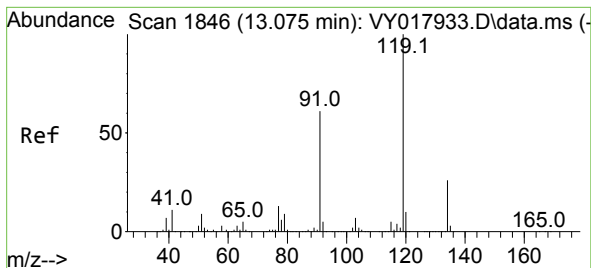
Tgt Ion: 75 Resp: 69077
Ion Ratio Lower Upper
75 100
53 79.2 66.8 100.2
89 43.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.698 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017943.D
Acq: 16 Apr 2024 12:17

Tgt Ion: 91 Resp: 776414
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.008 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

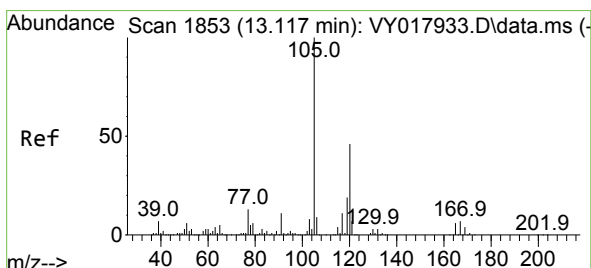
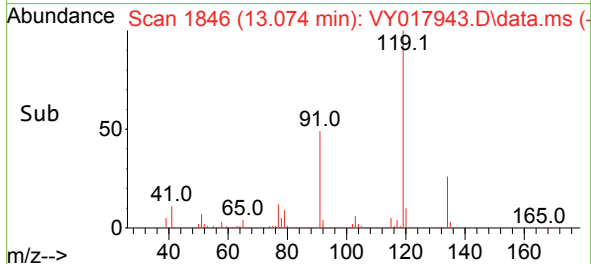
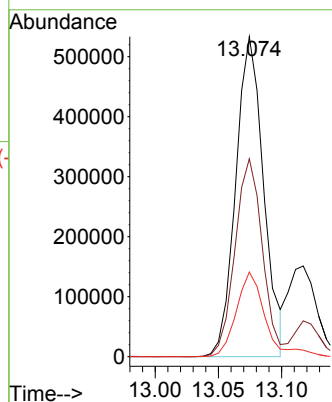
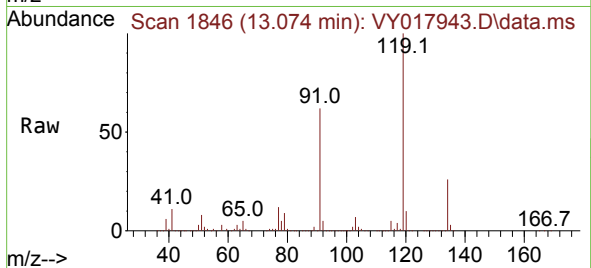
Tgt Ion:119 Resp: 819319

Ion Ratio Lower Upper

119 100

91 60.3 31.3 93.8

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.818 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY017943.D

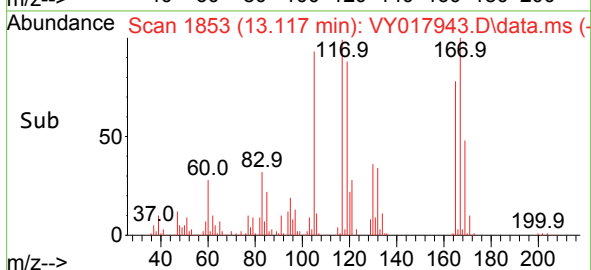
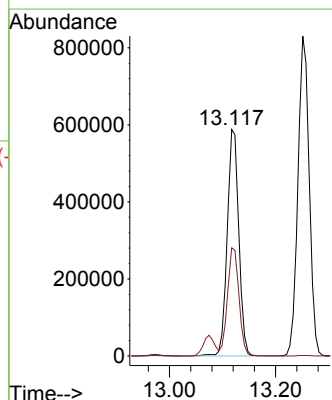
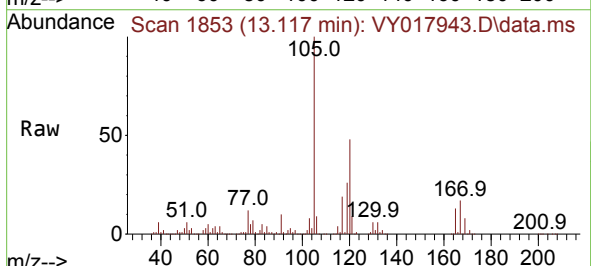
Acq: 16 Apr 2024 12:17

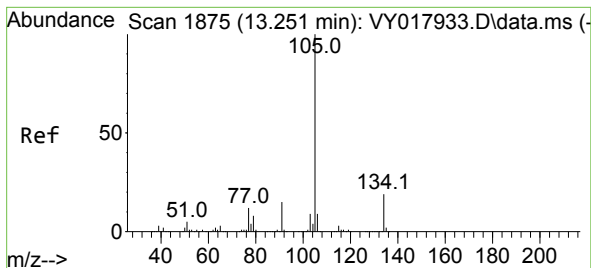
Tgt Ion:105 Resp: 890193

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.779 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

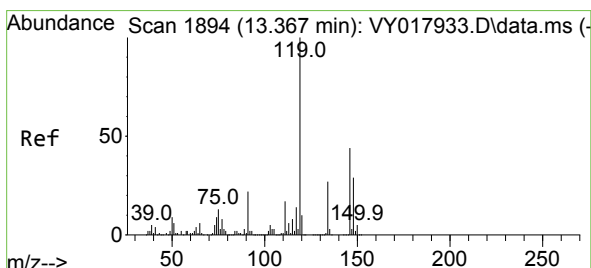
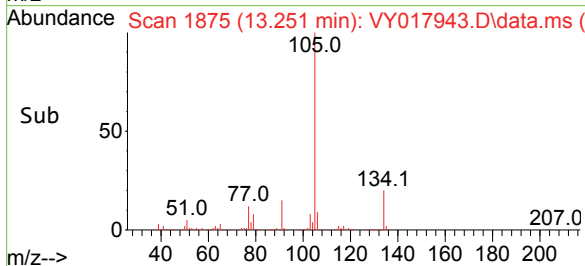
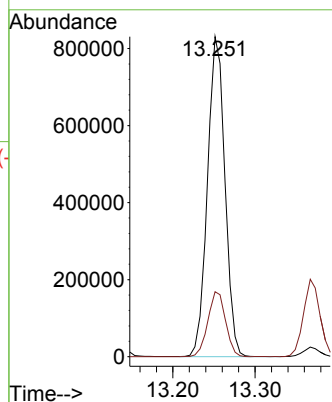
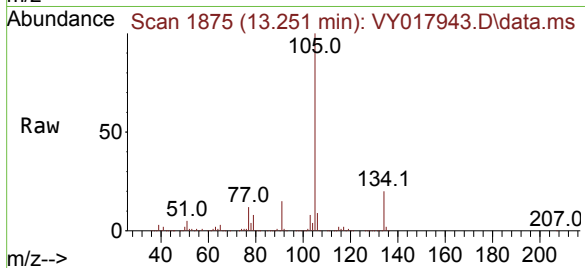
VSTDICCC050

Tgt Ion:105 Resp: 1225418

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.234 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

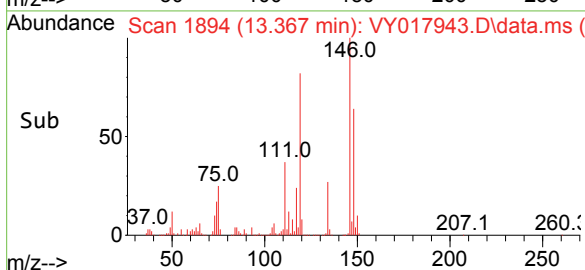
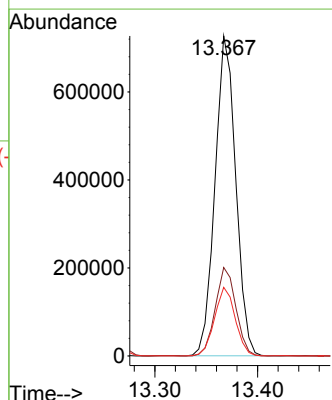
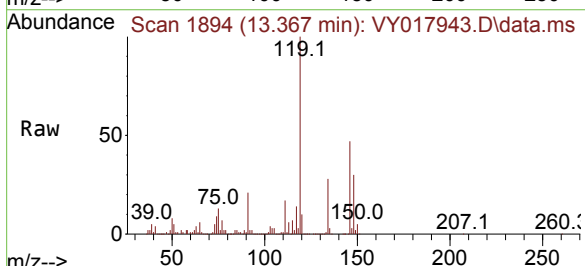
Tgt Ion:119 Resp: 1015460

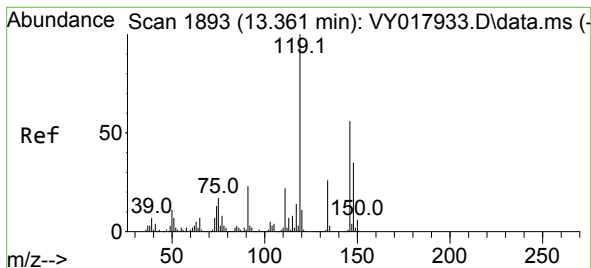
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.076 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

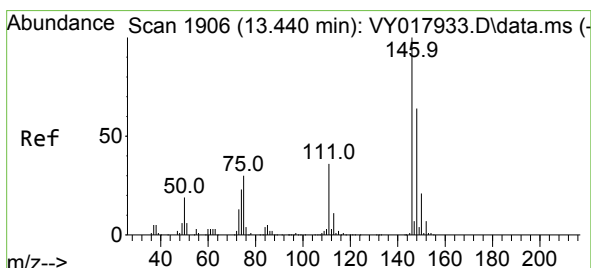
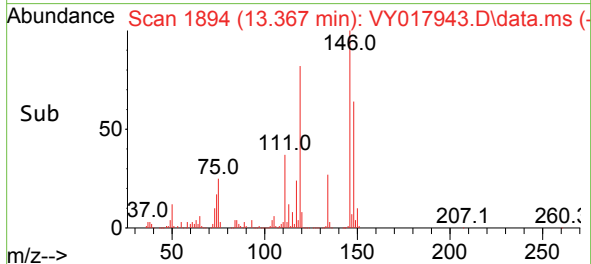
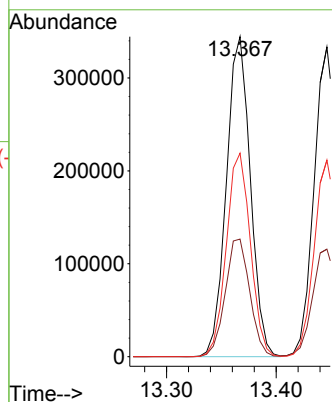
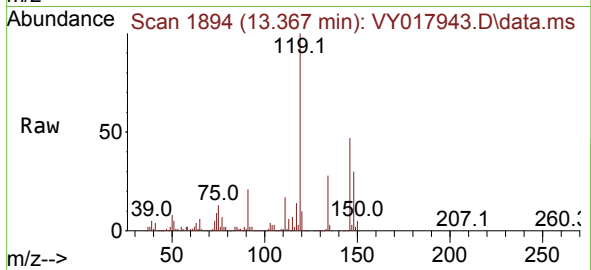
Tgt Ion:146 Resp: 523766

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.607 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

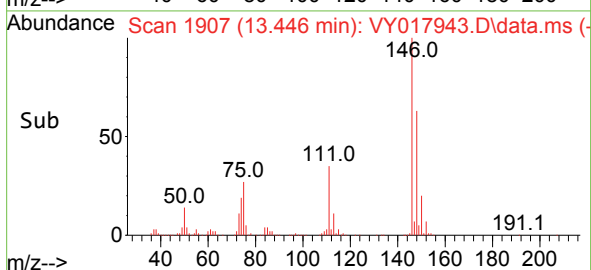
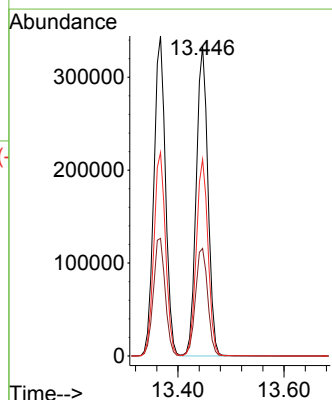
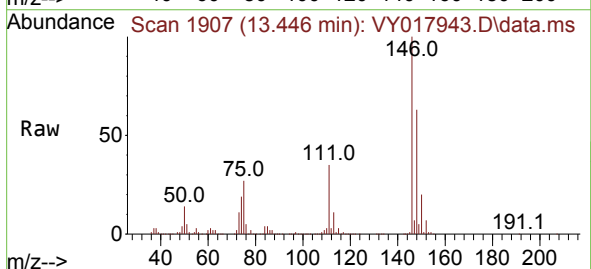
Tgt Ion:146 Resp: 509538

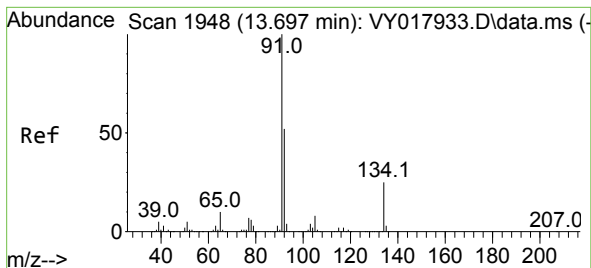
Ion Ratio Lower Upper

146 100

111 36.2 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 54.397 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

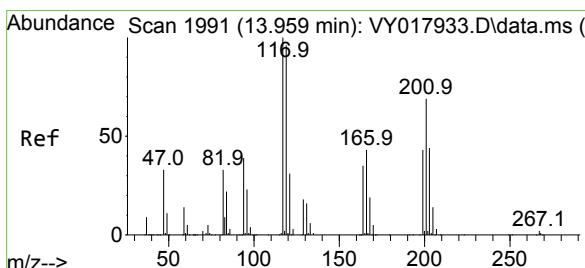
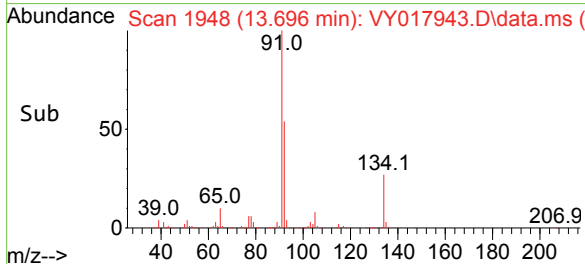
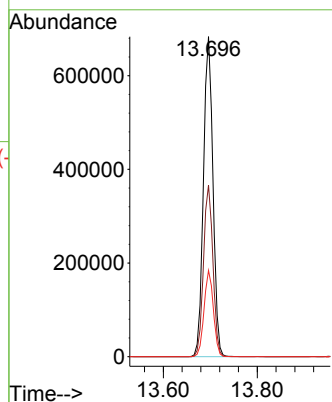
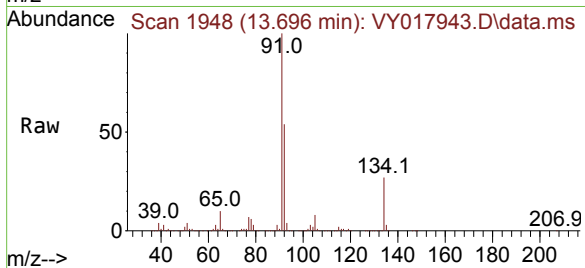
Tgt Ion: 91 Resp: 958186

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 26.5 12.9 38.7



#90

Hexachloroethane

Concen: 51.807 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY017943.D

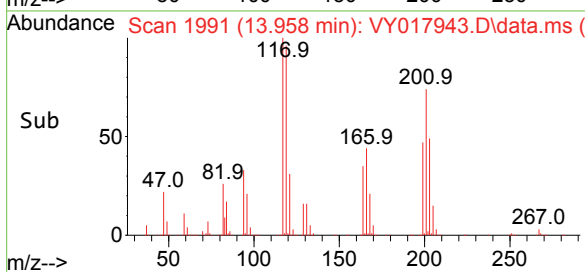
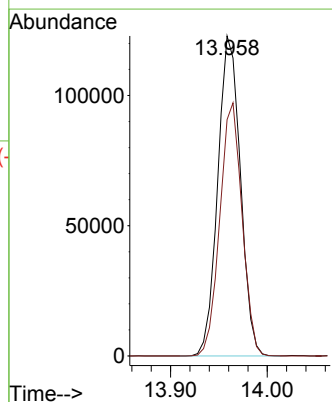
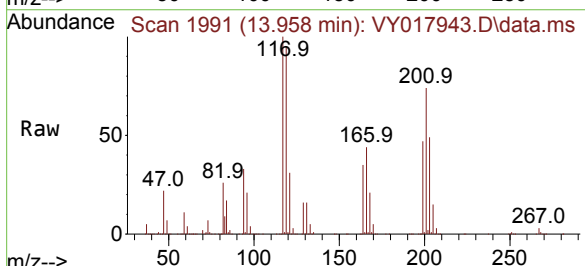
Acq: 16 Apr 2024 12:17

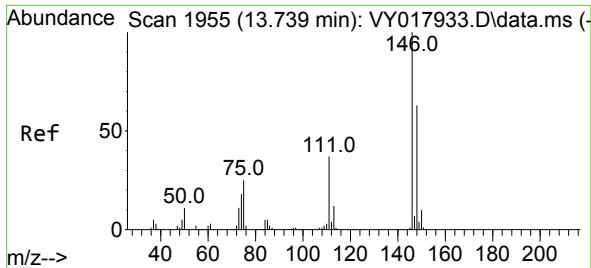
Tgt Ion: 117 Resp: 198907

Ion Ratio Lower Upper

117 100

201 77.9 37.4 112.2

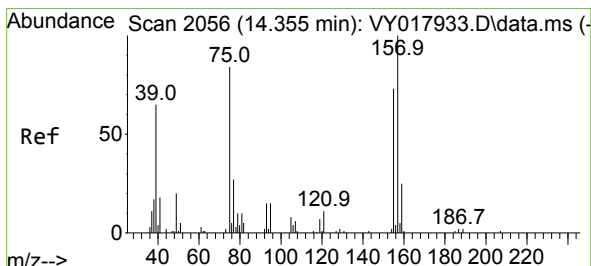
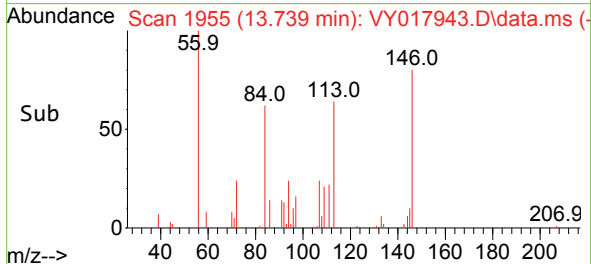
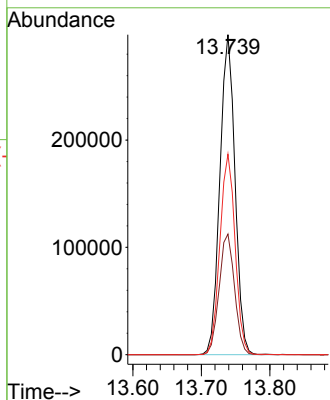
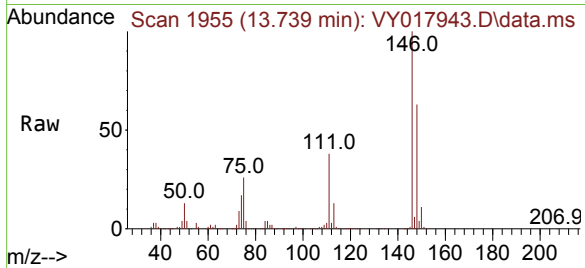




#91
 1,2-Dichlorobenzene
 Concen: 52.470 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

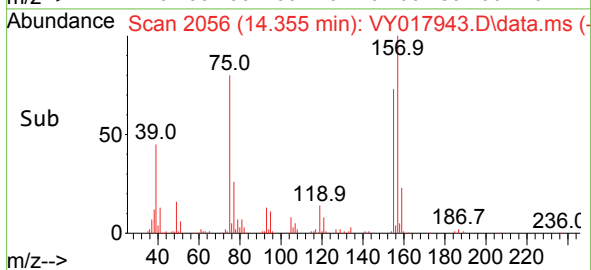
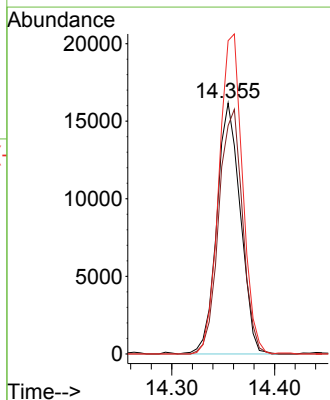
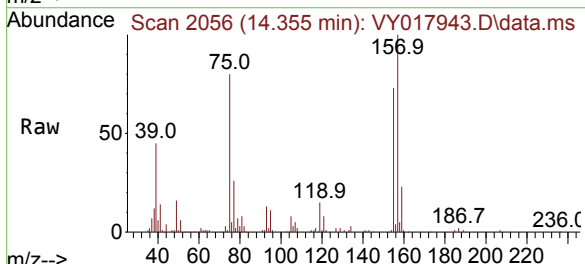
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

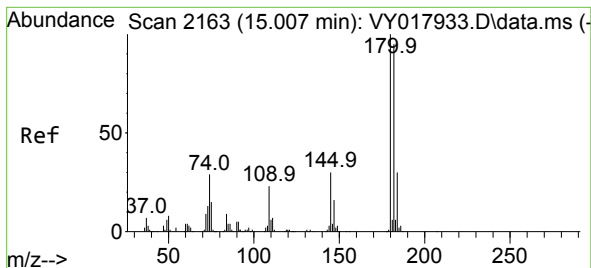
Tgt Ion:146 Resp: 455295
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.9 59.7
 148 63.2 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.149 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY017943.D
 Acq: 16 Apr 2024 12:17

Tgt Ion: 75 Resp: 25703
 Ion Ratio Lower Upper
 75 100
 155 98.3 48.6 145.8
 157 127.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.248 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

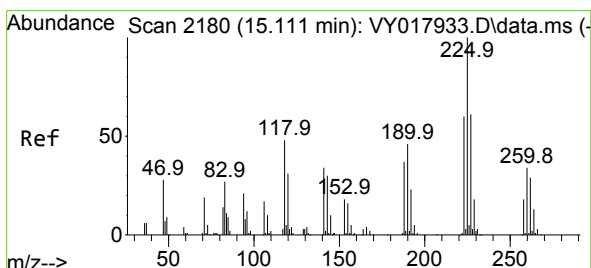
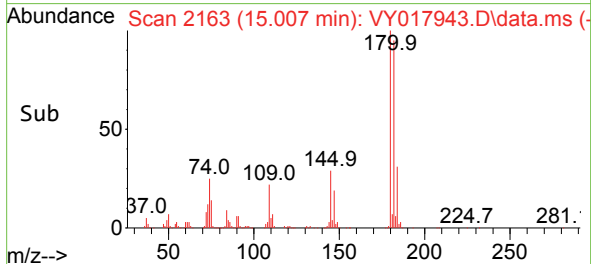
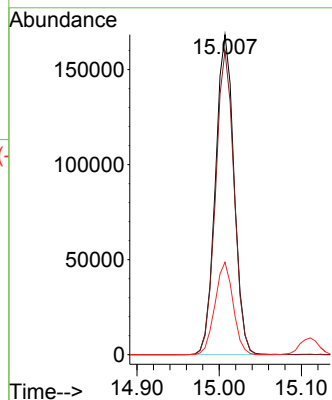
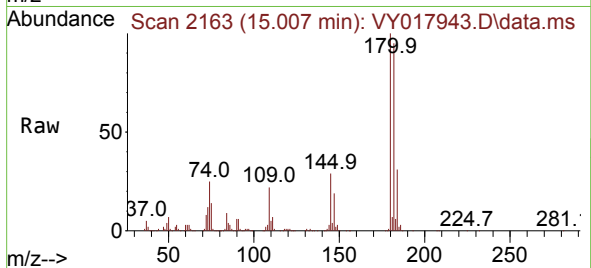
Tgt Ion:180 Resp: 264017

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.973 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

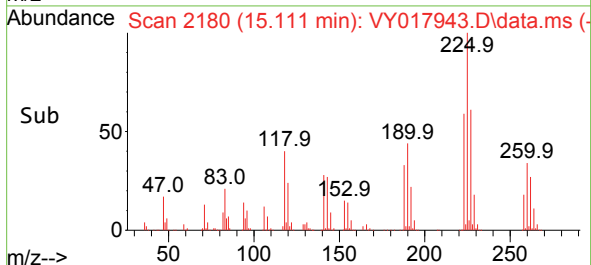
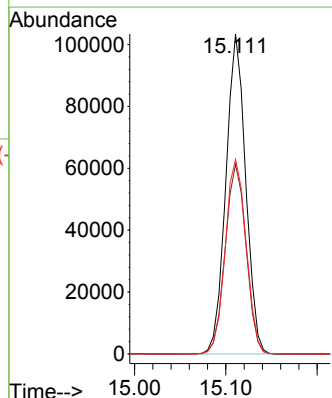
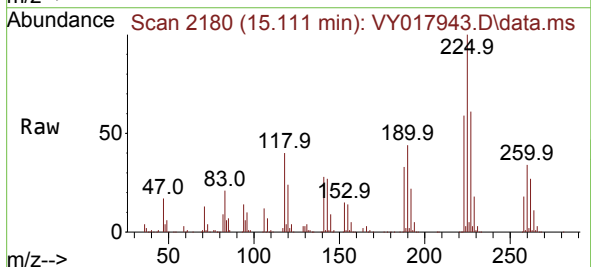
Tgt Ion:225 Resp: 155798

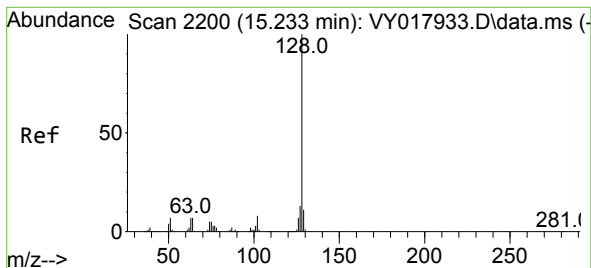
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 53.959 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

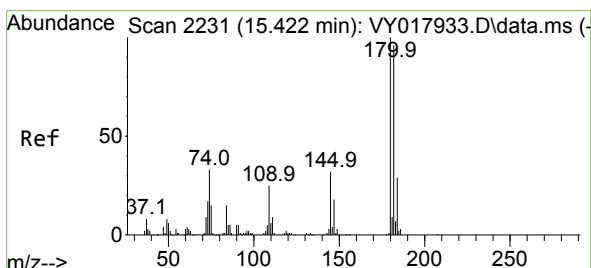
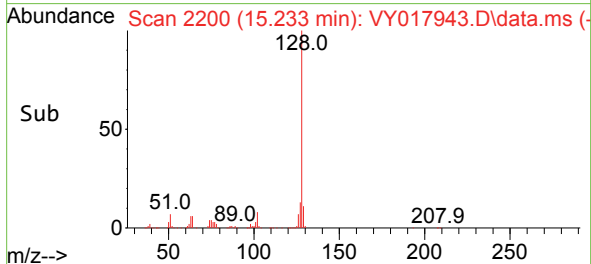
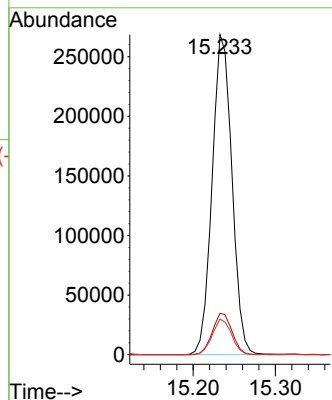
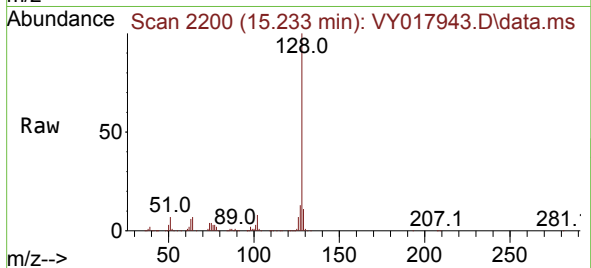
Tgt Ion:128 Resp: 449310

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.660 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY017943.D

Acq: 16 Apr 2024 12:17

Tgt Ion:180 Resp: 223281

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 29.8 15.4 46.1

