

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017838.D
 Acq On : 03 Apr 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 04 01:13:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	162476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71196	50.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.280%	
35) Dibromofluoromethane	7.728	113	77147	53.066	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.140%	
50) Toluene-d8	10.191	98	290953	53.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	12.489	95	86207	52.176	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	64442	59.307	ug/l	98
3) Chloromethane	2.119	50	129190	60.918	ug/l	98
4) Vinyl Chloride	2.259	62	191005	68.917	ug/l	100
5) Bromomethane	2.662	94	157148	70.126	ug/l	97
6) Chloroethane	2.802	64	138075	76.356	ug/l	98
7) Trichlorofluoromethane	3.131	101	151516	56.059	ug/l	97
8) Diethyl Ether	3.540	74	40749	51.325	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	87585	54.035	ug/l	99
10) Methyl Iodide	4.101	142	97665	55.407	ug/l	99
11) Tert butyl alcohol	4.960	59	23675	227.974	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	81996	54.059	ug/l	91
13) Acrolein	3.741	56	22065	224.006	ug/l	100
14) Allyl chloride	4.491	41	93247	50.111	ug/l	88
15) Acrylonitrile	5.174	53	78120	233.102	ug/l	99
16) Acetone	3.954	43	71996	247.729	ug/l	91
17) Carbon Disulfide	4.204	76	224388	52.276	ug/l	99
18) Methyl Acetate	4.491	43	29701	46.140	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	191543	55.154	ug/l	100
20) Methylene Chloride	4.722	84	88757	49.829	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	89479	55.129	ug/l	97
22) Diisopropyl ether	6.125	45	229400	53.337	ug/l	94
23) Vinyl Acetate	6.070	43	685312	260.976	ug/l	99
24) 1,1-Dichloroethane	6.027	63	155798	54.578	ug/l	99
25) 2-Butanone	6.990	43	102154	246.740	ug/l	97
26) 2,2-Dichloropropane	6.990	77	141505	57.392	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	107745	56.169	ug/l	98
28) Bromochloromethane	7.344	49	51933	44.736	ug/l	96
29) Tetrahydrofuran	7.356	42	58504	235.503	ug/l	97
30) Chloroform	7.515	83	167942	56.702	ug/l	96
31) Cyclohexane	7.795	56	125442	50.647	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	145066	57.546	ug/l	96
36) 1,1-Dichloropropene	7.923	75	120638	56.873	ug/l	98
37) Ethyl Acetate	7.082	43	44505	48.618	ug/l	98
38) Carbon Tetrachloride	7.911	117	130490	59.258	ug/l	99
39) Methylcyclohexane	9.191	83	150813	56.919	ug/l	99
40) Benzene	8.167	78	364142	55.704	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017838.D
 Acq On : 03 Apr 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 04 01:13:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	57925	94.512	ug/l #	27
42) 1,2-Dichloroethane	8.246	62	89354	55.534	ug/l	97
43) Isopropyl Acetate	8.283	43	86052	51.800	ug/l	97
44) Trichloroethene	8.947	130	94147	55.355	ug/l	94
45) 1,2-Dichloropropane	9.222	63	82615	54.387	ug/l	97
46) Dibromomethane	9.313	93	45822	53.096	ug/l	99
47) Bromodichloromethane	9.502	83	123187	56.492	ug/l	99
48) Methyl methacrylate	9.301	41	39339	54.919	ug/l	95
49) 1,4-Dioxane	9.307	88	9544	985.114	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	230779	275.982	ug/l	99
52) Toluene	10.252	92	226954	57.237	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	106896	55.209	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	129614	54.850	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	60746	52.825	ug/l	93
56) Ethyl methacrylate	10.520	69	79599	55.360	ug/l #	92
57) 1,3-Dichloropropane	10.801	76	106399	54.707	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	186341	259.342	ug/l	100
59) 2-Hexanone	10.837	43	161142	271.401	ug/l	98
60) Dibromochloromethane	10.990	129	79697	54.950	ug/l	99
61) 1,2-Dibromoethane	11.099	107	56245	53.640	ug/l	98
64) Tetrachloroethene	10.727	164	104767	56.032	ug/l	97
65) Chlorobenzene	11.526	112	241707	54.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	84848	56.824	ug/l	99
67) Ethyl Benzene	11.599	91	441698	58.429	ug/l	99
68) m/p-Xylenes	11.709	106	337137	117.595	ug/l	99
69) o-Xylene	12.038	106	154091	62.094	ug/l	98
70) Styrene	12.050	104	263001	61.601	ug/l	100
71) Bromoform	12.215	173	44230	53.439	ug/l #	97
73) Isopropylbenzene	12.337	105	412369	59.411	ug/l	100
74) N-amyl acetate	12.154	43	76295	56.804	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	62850	52.346	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	84583	93.717	ug/l #	100
77) Bromobenzene	12.617	156	90652	54.838	ug/l	99
78) n-propylbenzene	12.678	91	495720	58.531	ug/l	99
79) 2-Chlorotoluene	12.764	91	267336	57.626	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	317226	58.562	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	21323	54.301	ug/l	96
82) 4-Chlorotoluene	12.861	91	263714	54.899	ug/l	98
83) tert-Butylbenzene	13.081	119	291518	59.194	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	317376	58.829	ug/l	98
85) sec-Butylbenzene	13.264	105	442764	59.900	ug/l	100
86) p-Isopropyltoluene	13.379	119	363557	58.842	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	181696	55.392	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	169934	54.126	ug/l	100
89) n-Butylbenzene	13.709	91	333283	58.630	ug/l	98
90) Hexachloroethane	13.971	117	69333	56.433	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	148998	54.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7875	48.537	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	81914	55.003	ug/l	99
94) Hexachlorobutadiene	15.123	225	47351	52.449	ug/l	98
95) Naphthalene	15.251	128	143025	57.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	68814	54.702	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
Data File : VY017838.D
Acq On : 03 Apr 2024 16:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 04 01:13:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

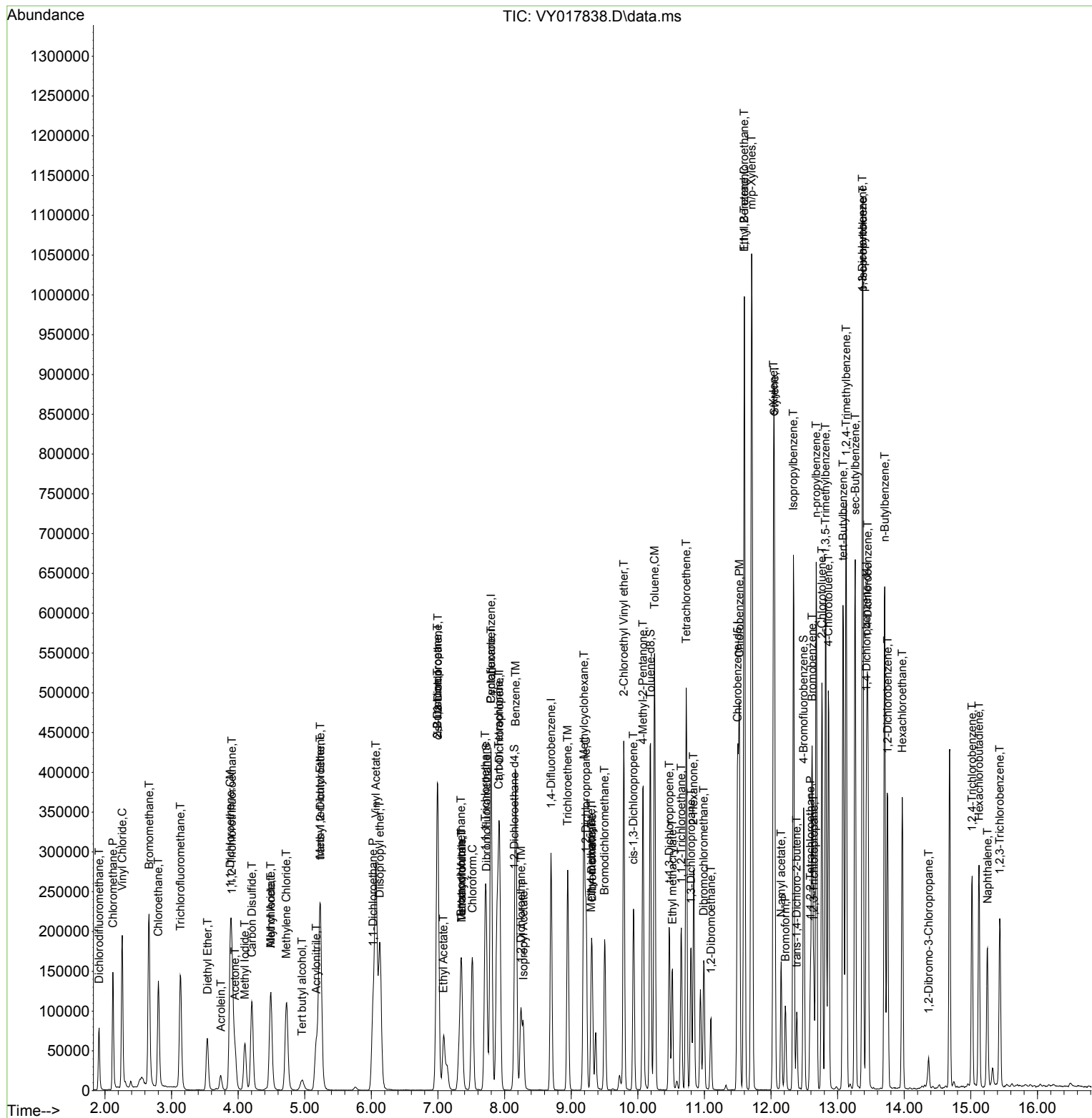
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

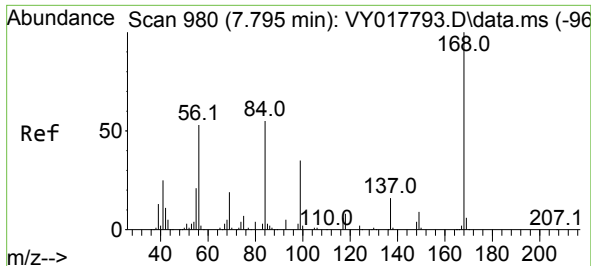
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
Data File : VY017838.D
Acq On : 03 Apr 2024 16:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 04 01:13:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

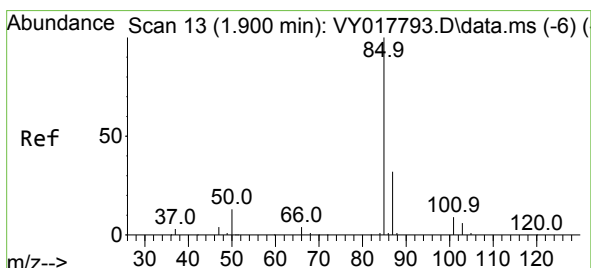
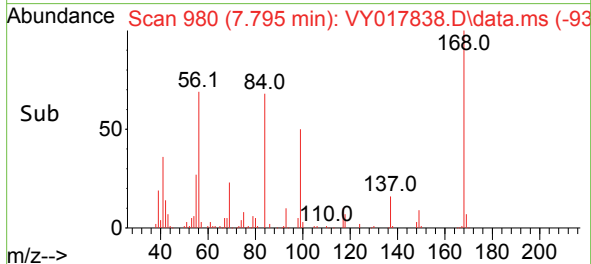
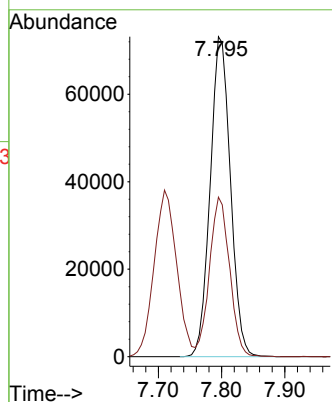
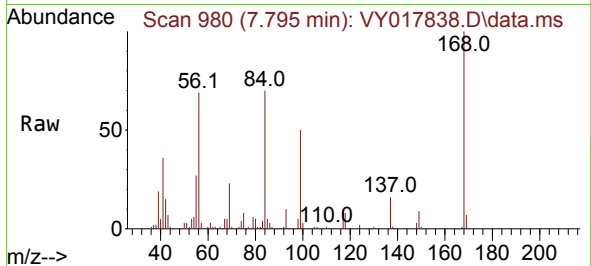




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

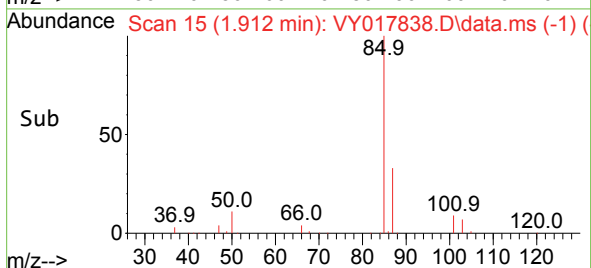
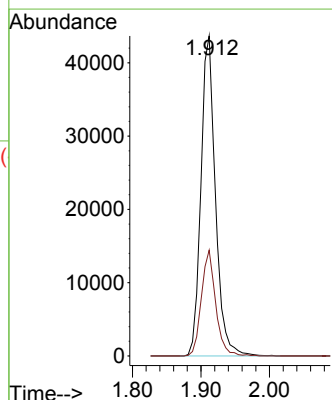
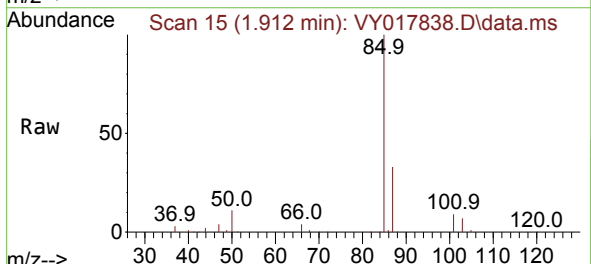
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

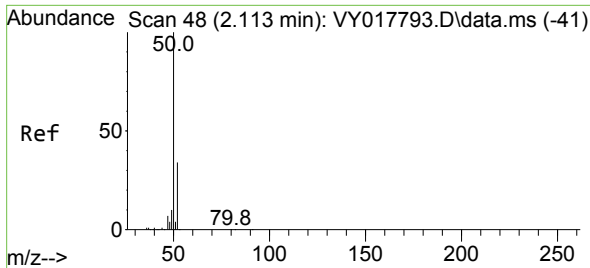
Tgt Ion:168 Resp: 162476
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 59.307 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 85 Resp: 64442
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0

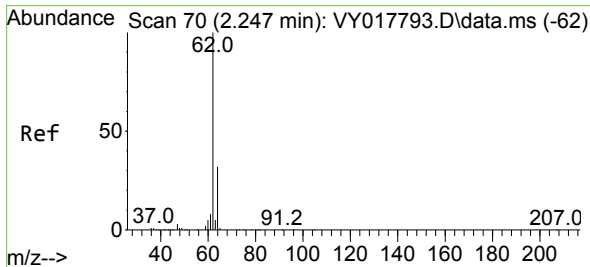
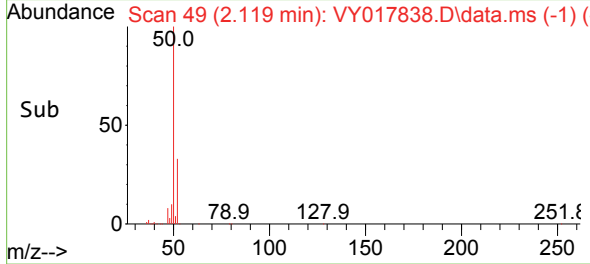
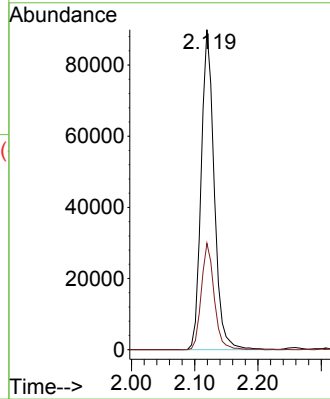
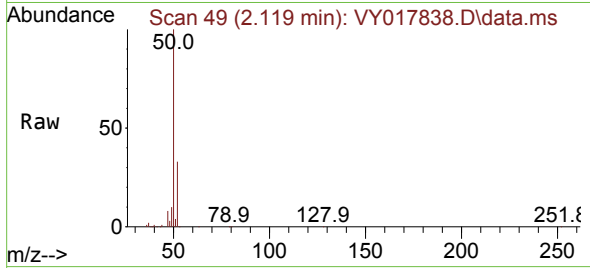




#3
Chloromethane
Concen: 60.918 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

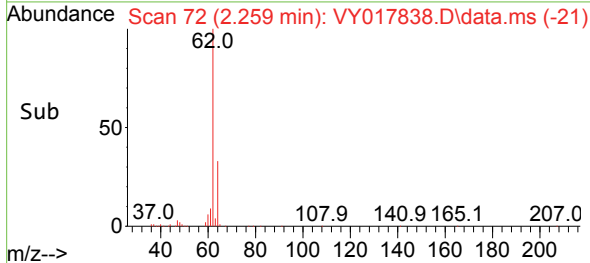
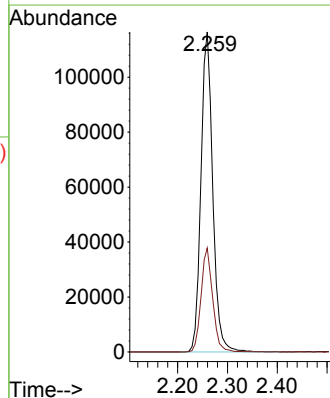
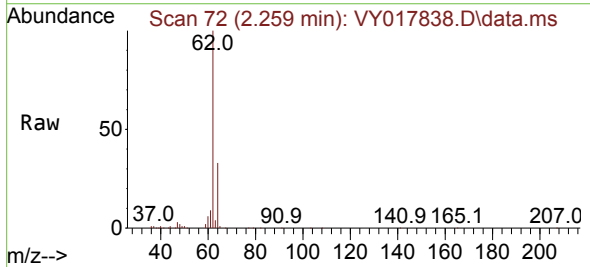
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

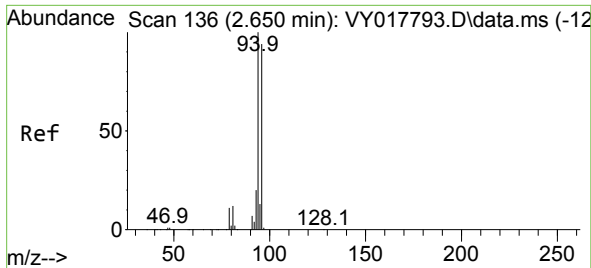
Tgt Ion: 50 Resp: 129190
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 68.917 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 62 Resp: 191005
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1

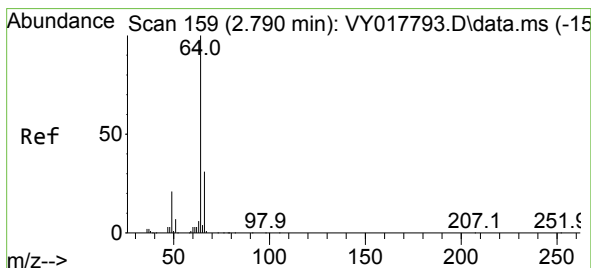
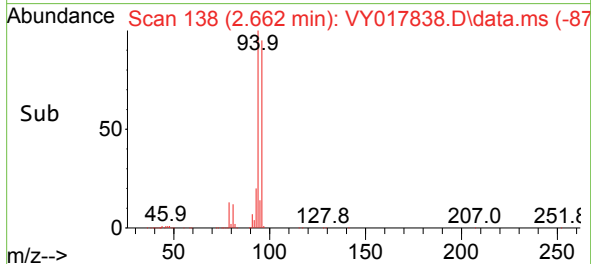
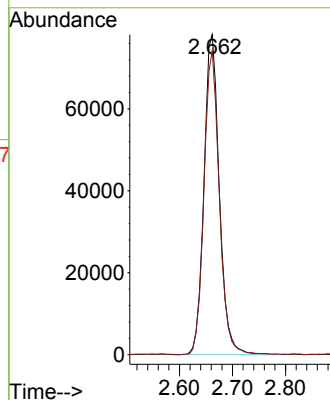
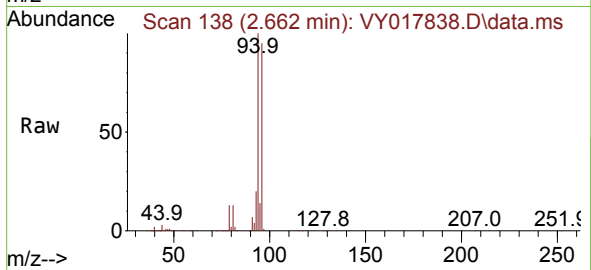




#5
Bromomethane
Concen: 70.126 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

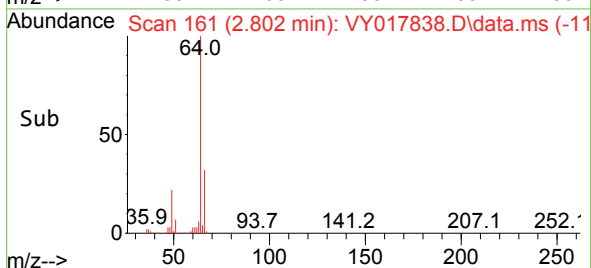
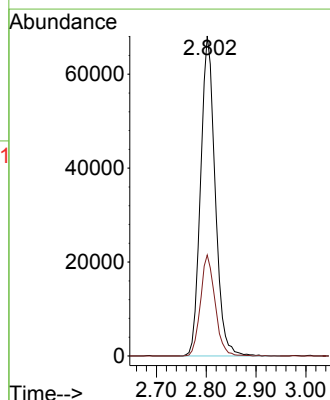
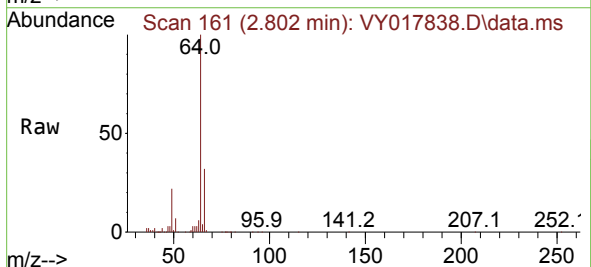
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

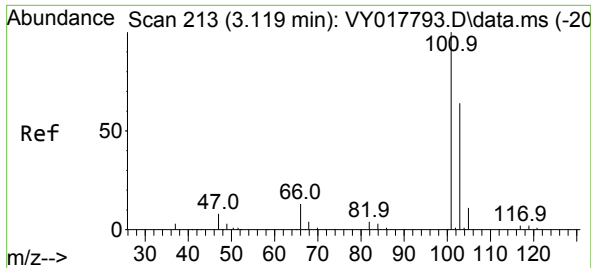
Tgt Ion: 94 Resp: 157148
Ion Ratio Lower Upper
94 100
96 95.0 74.1 111.1



#6
Chloroethane
Concen: 76.356 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 64 Resp: 138075
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1

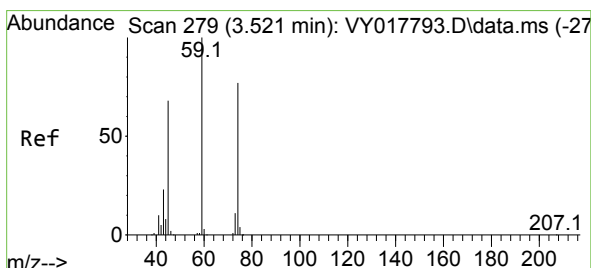
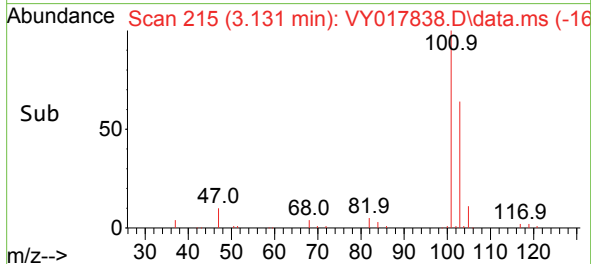
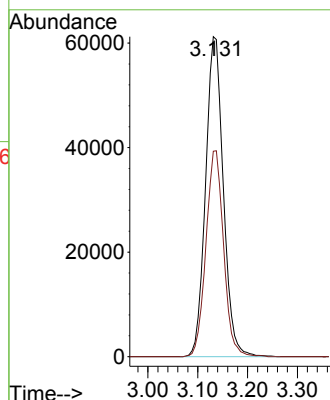
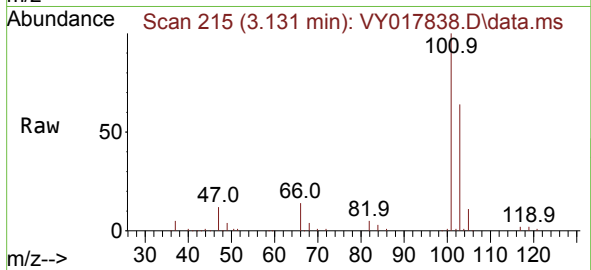




#7
Trichlorofluoromethane
Concen: 56.059 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

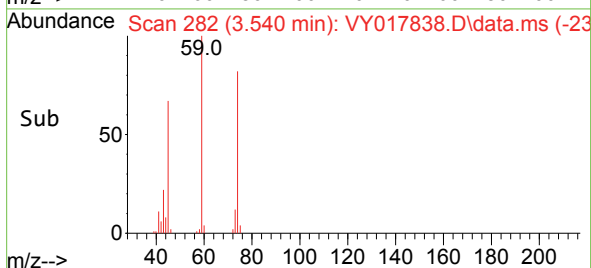
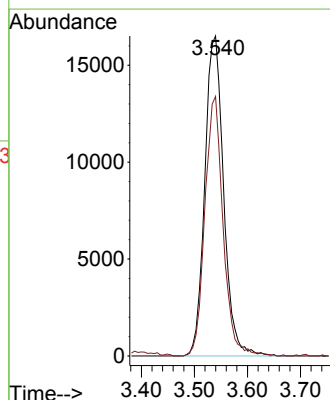
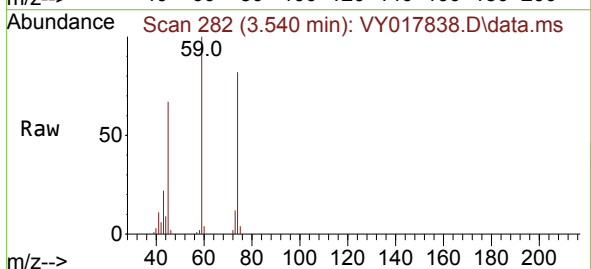
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

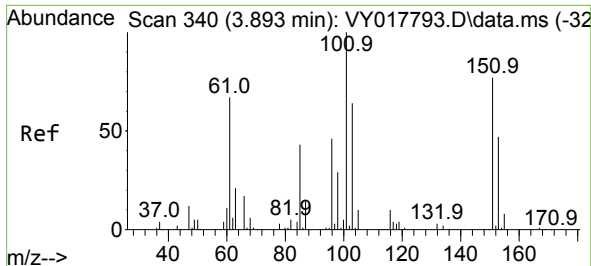
Tgt Ion:101 Resp: 151516
Ion Ratio Lower Upper
101 100
103 64.2 49.3 73.9



#8
Diethyl Ether
Concen: 51.325 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.018 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 74 Resp: 40749
Ion Ratio Lower Upper
74 100
45 78.6 41.3 124.1

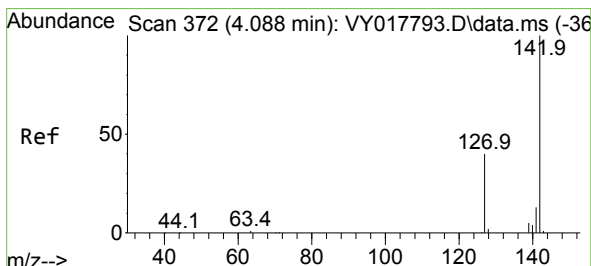
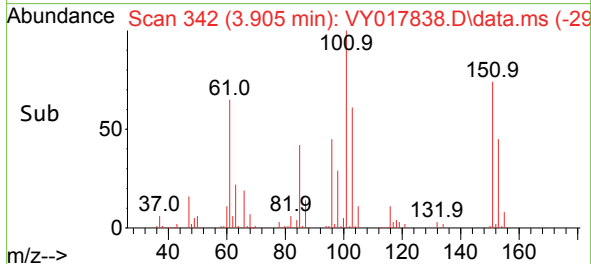
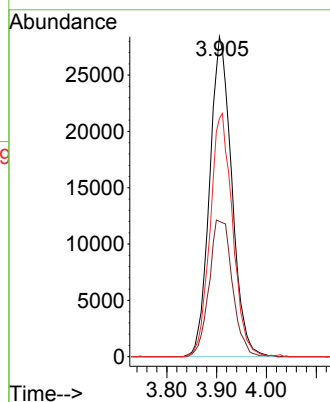
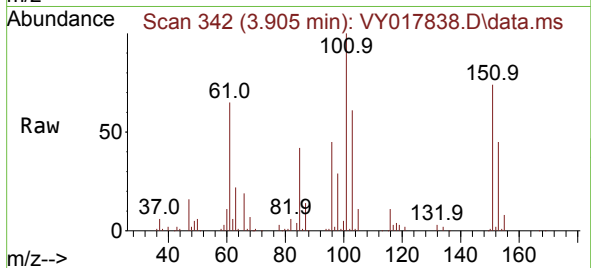




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.035 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

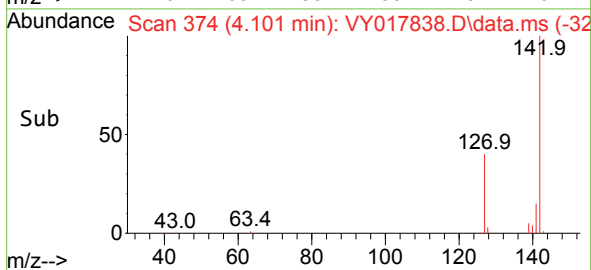
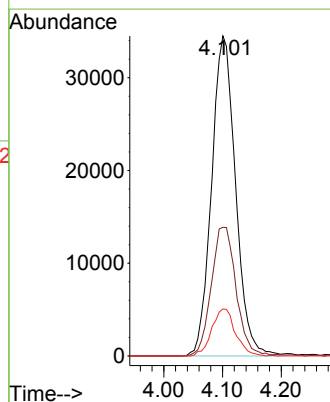
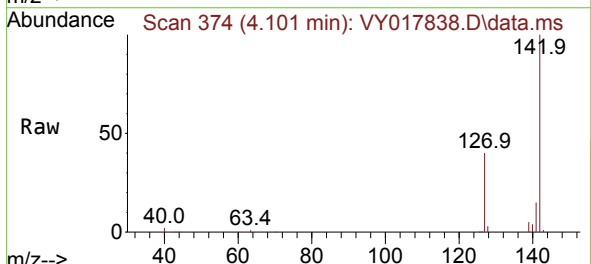
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

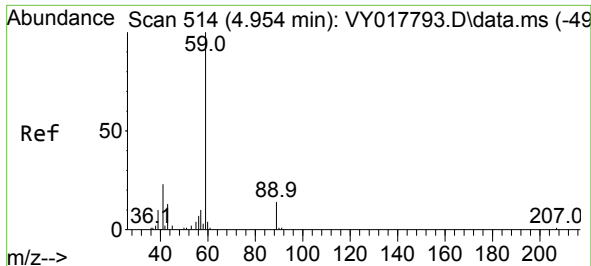
Tgt Ion:101 Resp: 87585
Ion Ratio Lower Upper
101 100
85 45.2 34.5 51.7
151 77.2 61.7 92.5



#10
Methyl Iodide
Concen: 55.407 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion:142 Resp: 97665
Ion Ratio Lower Upper
142 100
127 41.8 32.8 49.2
141 14.5 11.4 17.2

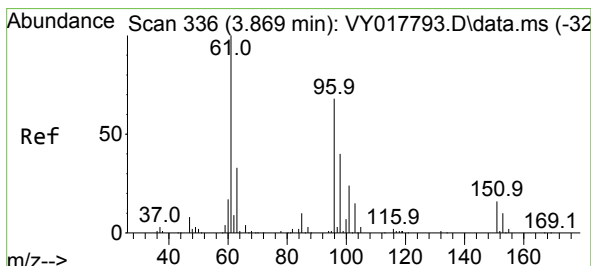
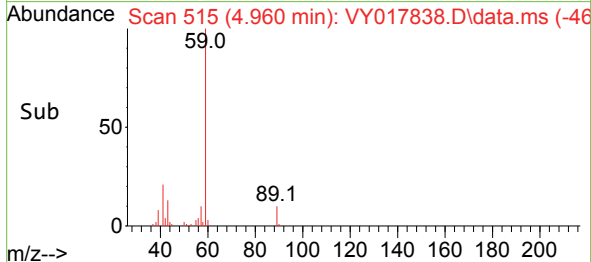
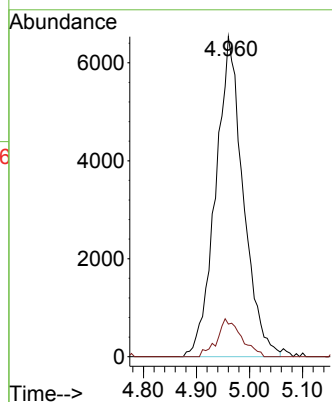
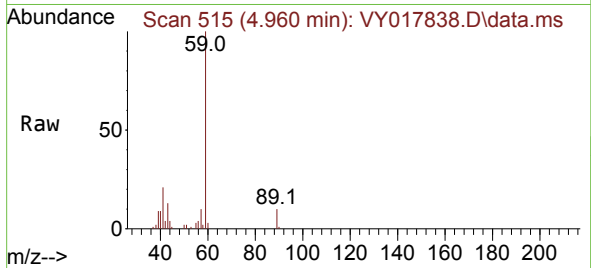




#11
Tert butyl alcohol
Concen: 227.974 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

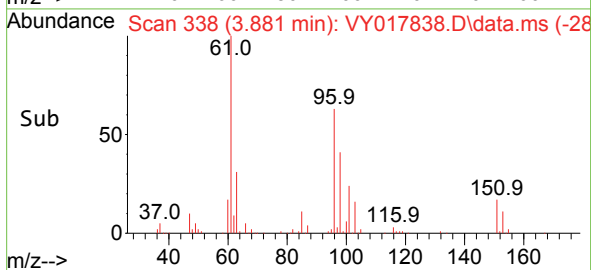
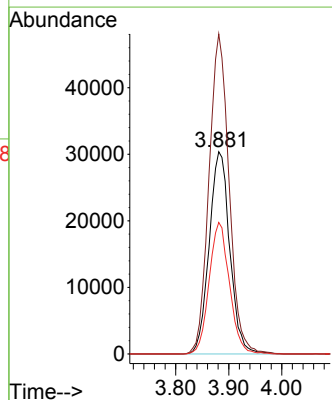
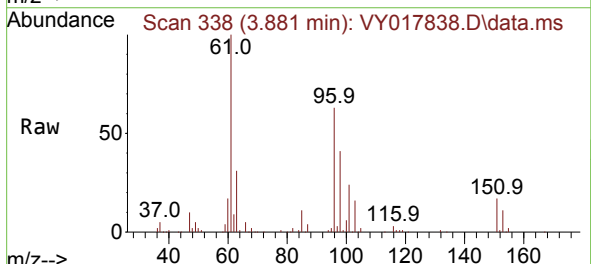
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

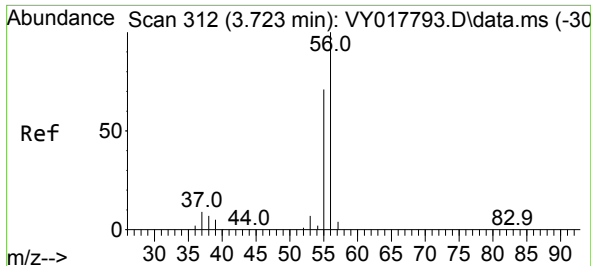
Tgt Ion: 59 Resp: 23675
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 54.059 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 96 Resp: 81996
Ion Ratio Lower Upper
96 100
61 158.2 114.6 171.8
98 65.0 50.8 76.2





#13

Acrolein

Concen: 224.006 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

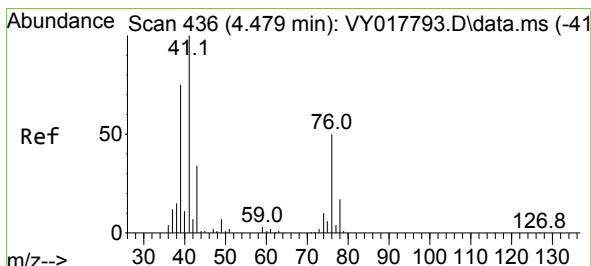
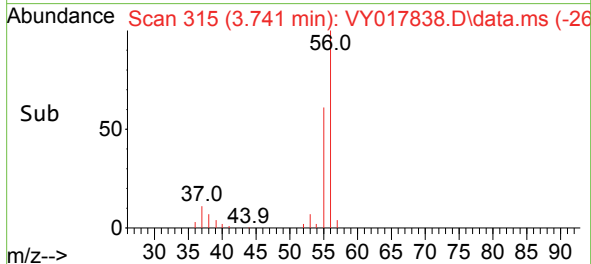
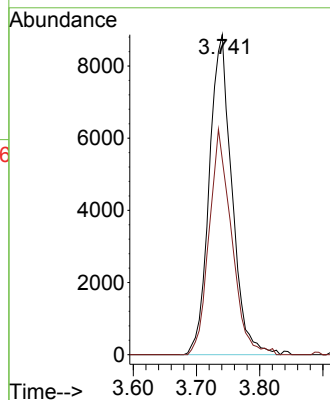
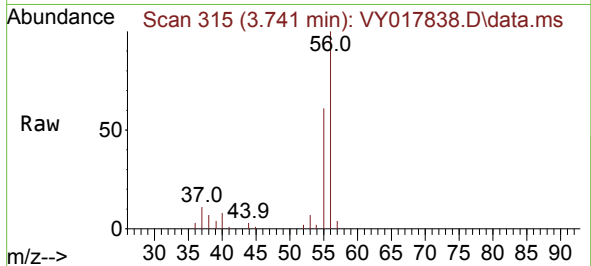
VSTDCCC050EC

Tgt Ion: 56 Resp: 22065

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 50.111 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

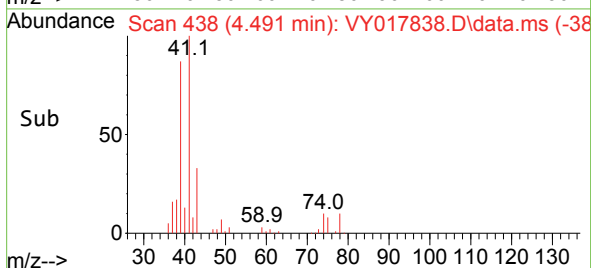
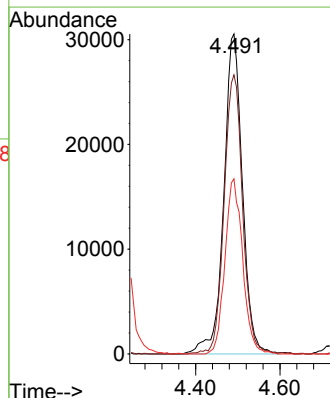
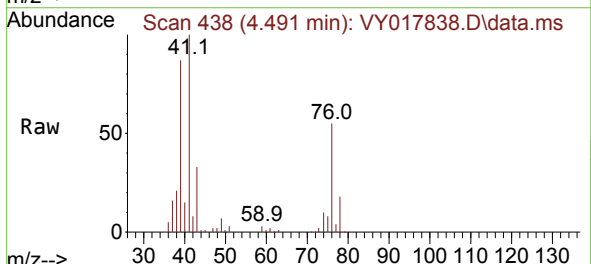
Tgt Ion: 41 Resp: 93247

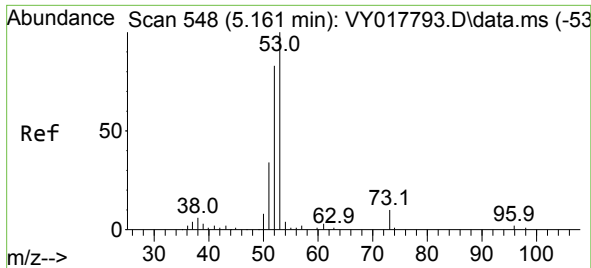
Ion Ratio Lower Upper

41 100

39 86.9 58.3 87.5

76 52.2 39.0 58.6

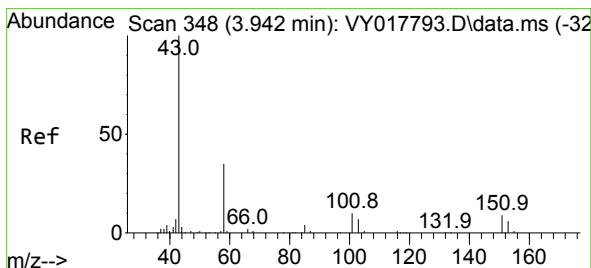
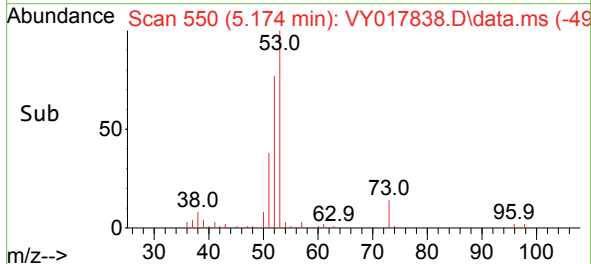
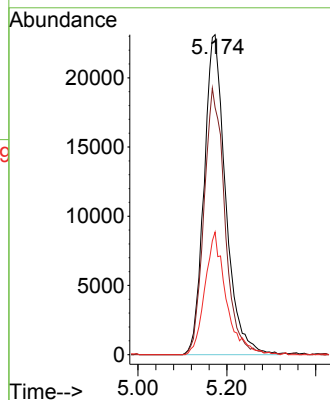
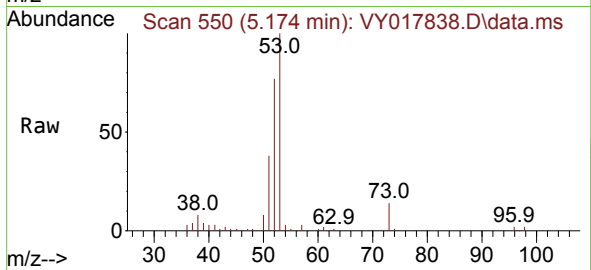




#15
Acrylonitrile
Concen: 233.102 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

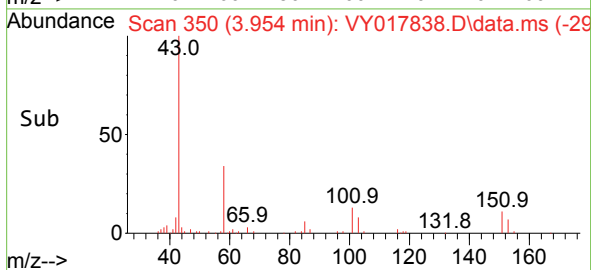
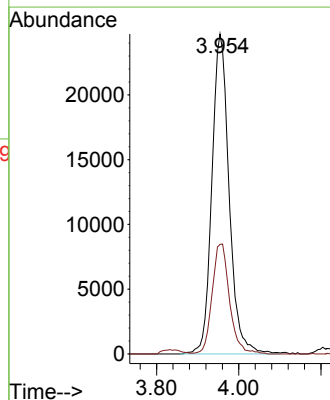
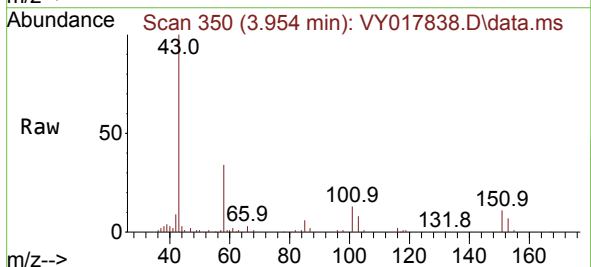
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

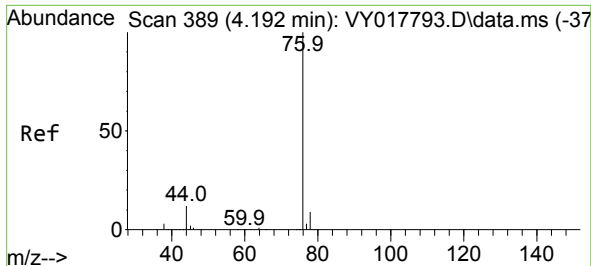
Tgt Ion:	53	Resp:	78120
Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.7	97.1
51	38.0	28.4	42.6



#16
Acetone
Concen: 247.729 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion:	43	Resp:	71996
Ion	Ratio	Lower	Upper
43	100		
58	34.2	31.7	47.5





#17

Carbon Disulfide

Concen: 52.276 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

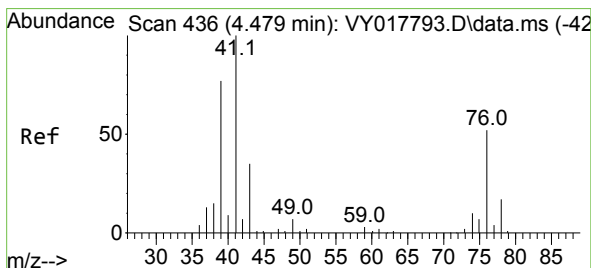
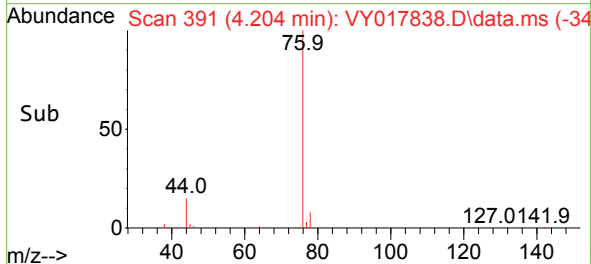
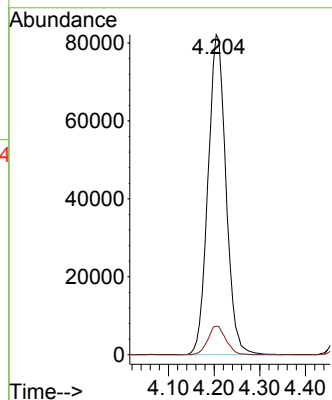
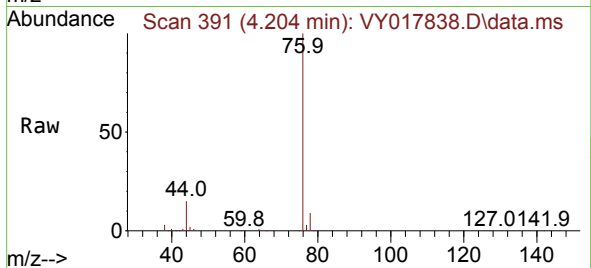
VSTDCCC050EC

Tgt Ion: 76 Resp: 224388

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2



#18

Methyl Acetate

Concen: 46.140 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017838.D

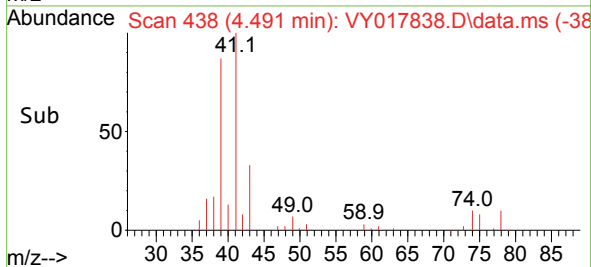
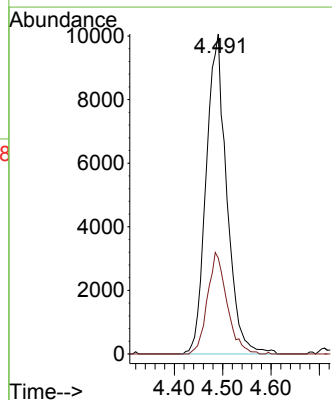
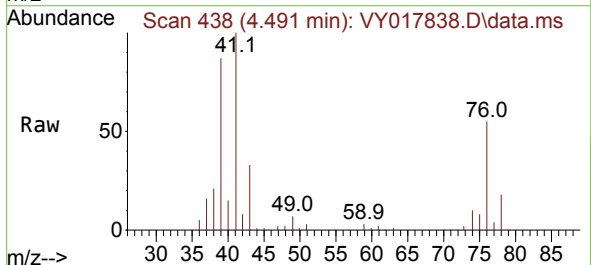
Acq: 03 Apr 2024 16:30

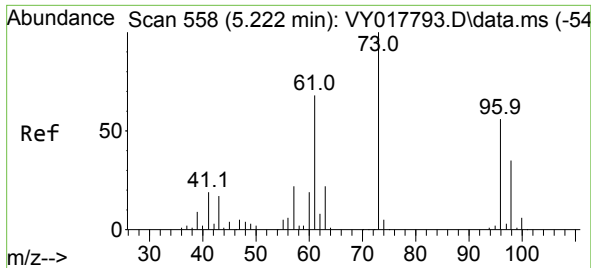
Tgt Ion: 43 Resp: 29701

Ion Ratio Lower Upper

43 100

74 30.2 23.3 34.9

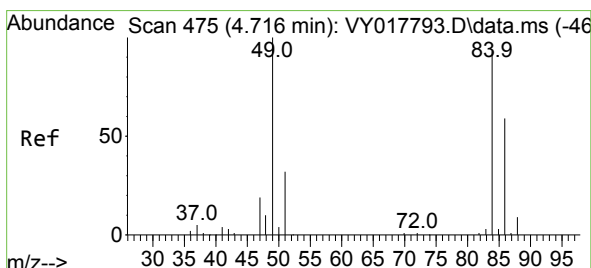
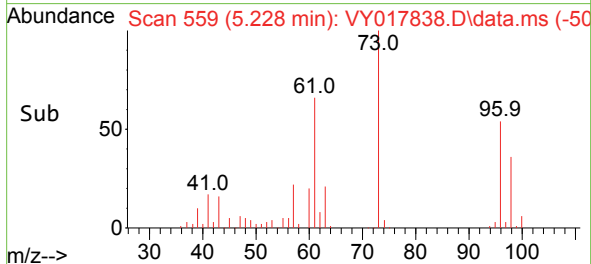
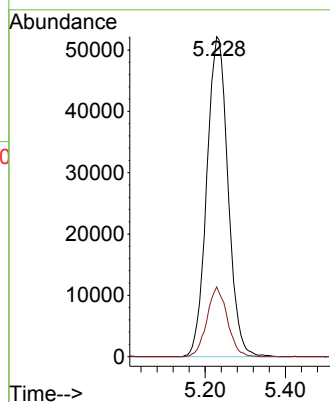
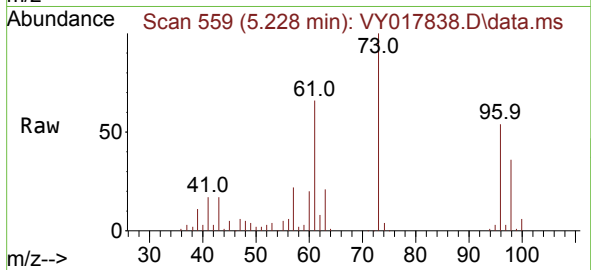




#19
Methyl tert-butyl Ether
Concen: 55.154 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

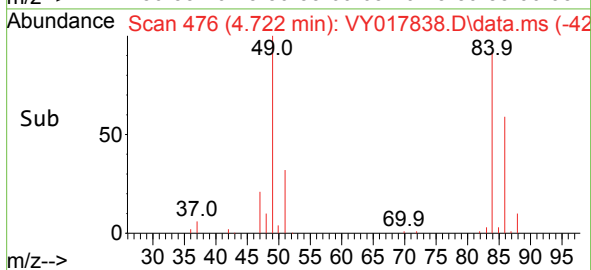
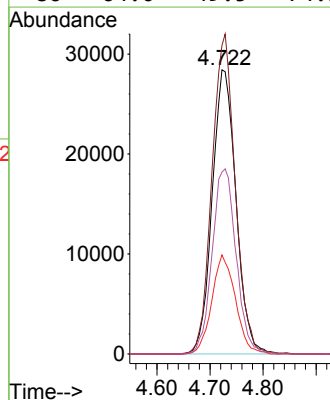
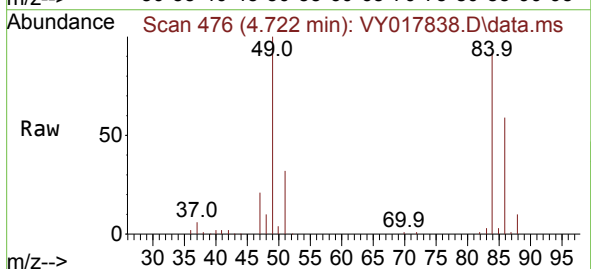
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

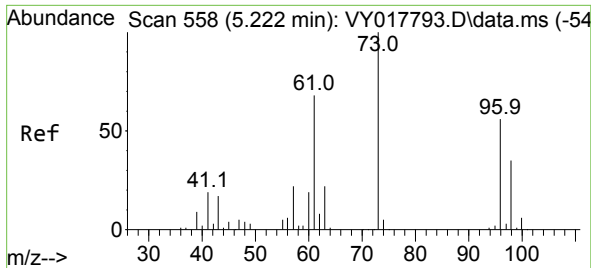
Tgt Ion: 73 Resp: 191543
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 49.829 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 84 Resp: 88757
Ion Ratio Lower Upper
84 100
49 108.6 84.4 126.6
51 34.9 26.0 39.0
86 64.0 49.5 74.3

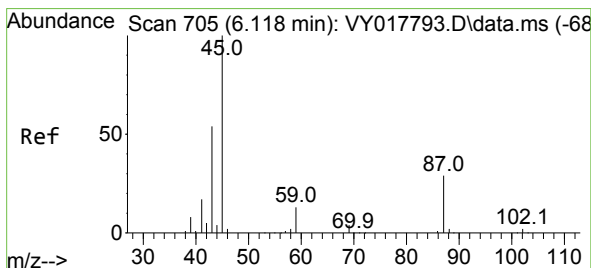
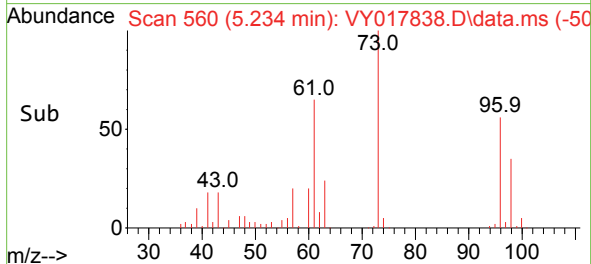
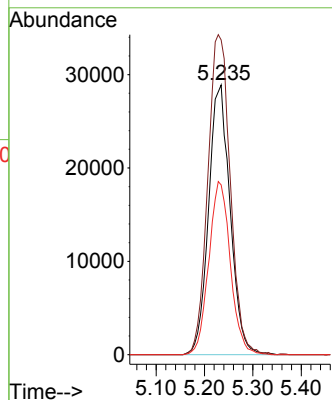
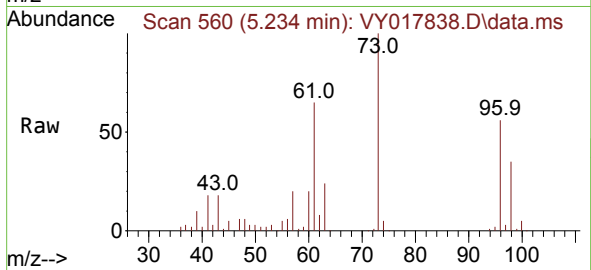




#21
trans-1,2-Dichloroethene
Concen: 55.129 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

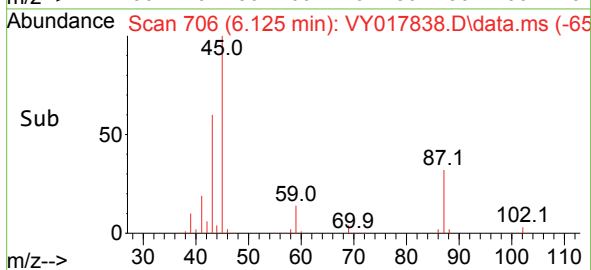
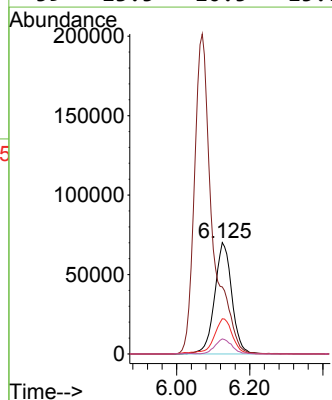
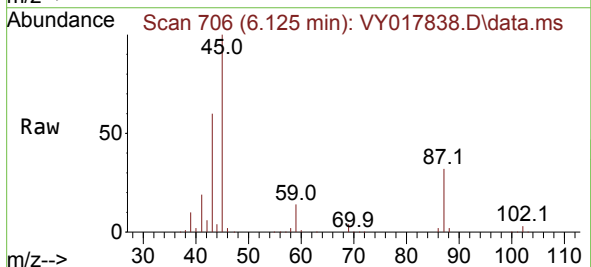
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

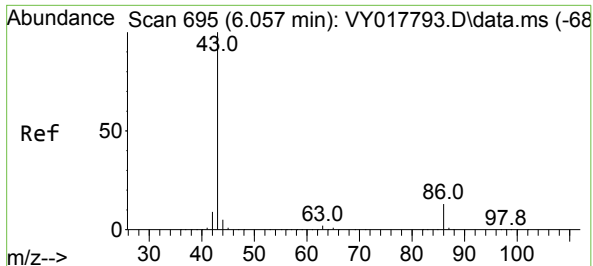
Tgt Ion: 96 Resp: 89479
Ion Ratio Lower Upper
96 100
61 116.7 97.5 146.3
98 63.0 50.5 75.7



#22
Diisopropyl ether
Concen: 53.337 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 45 Resp: 229400
Ion Ratio Lower Upper
45 100
43 59.8 42.2 63.2
87 31.6 25.0 37.6
59 13.5 10.5 15.7

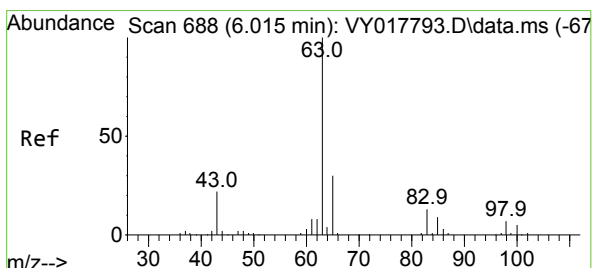
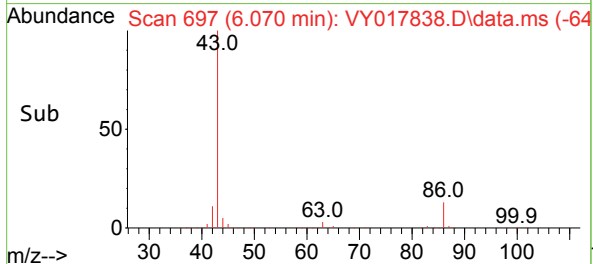
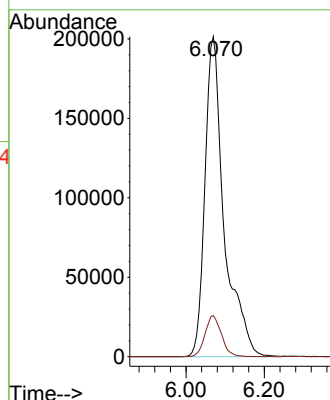
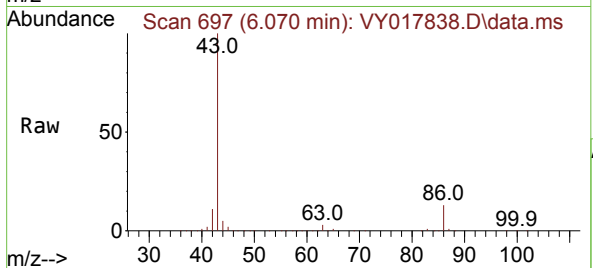




#23
 Vinyl Acetate
 Concen: 260.976 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY017838.D
 Acq: 03 Apr 2024 16:30

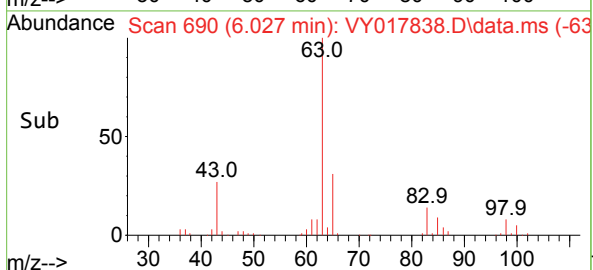
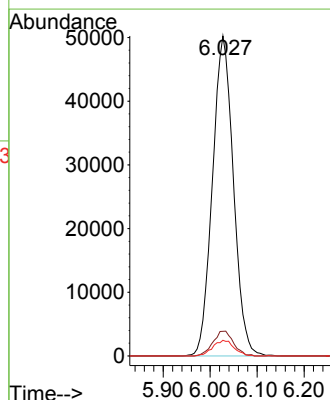
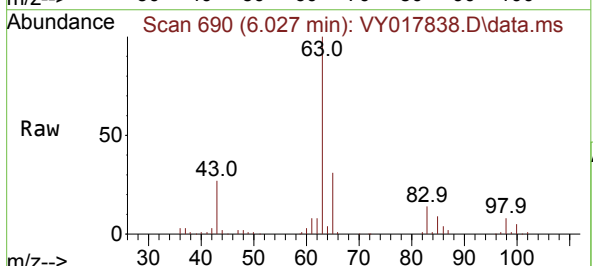
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

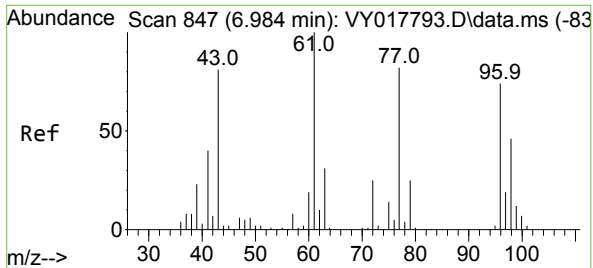
Tgt Ion: 43 Resp: 685312
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 54.578 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017838.D
 Acq: 03 Apr 2024 16:30

Tgt Ion: 63 Resp: 155798
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.9 2.6 8.0

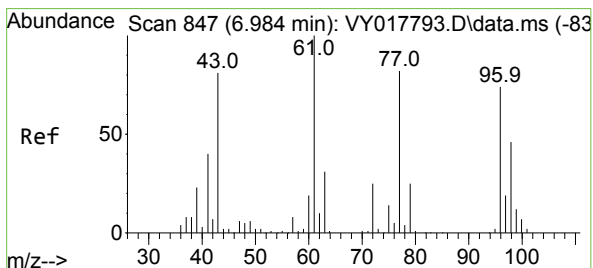
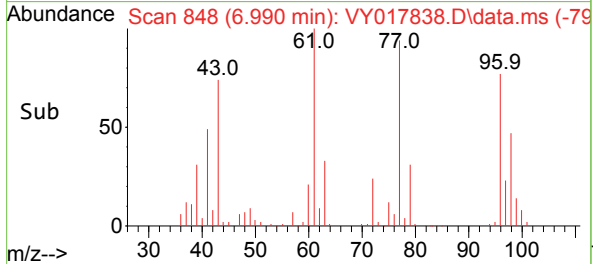
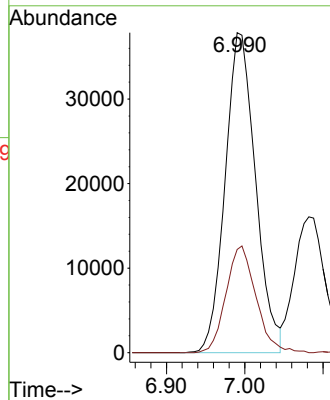
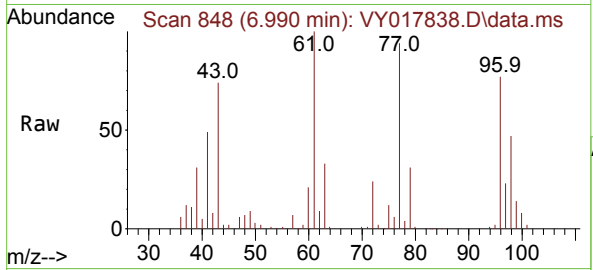




#25
2-Butanone
Concen: 246.740 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

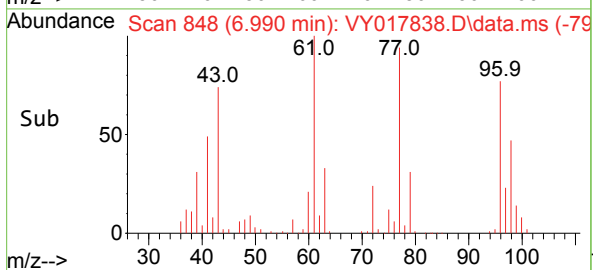
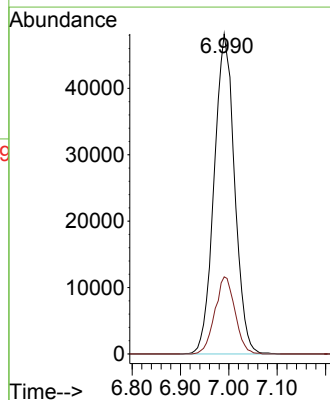
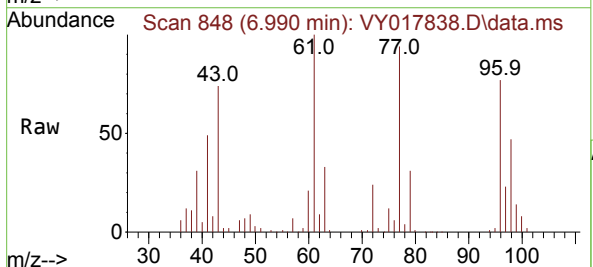
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

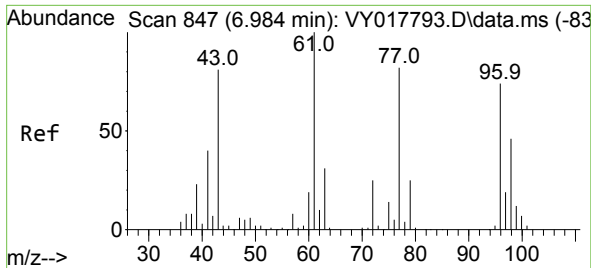
Tgt Ion: 43 Resp: 102154
Ion Ratio Lower Upper
43 100
72 32.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 57.392 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 77 Resp: 141505
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.1



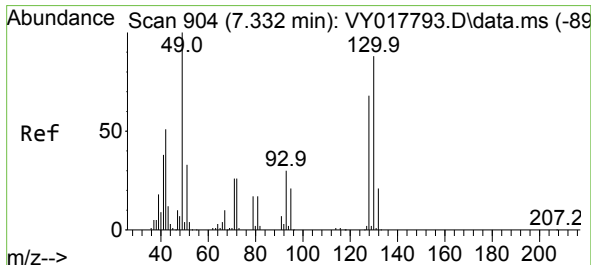
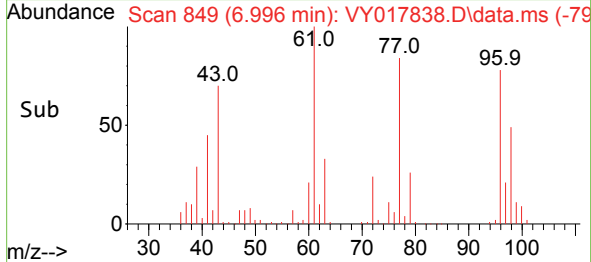
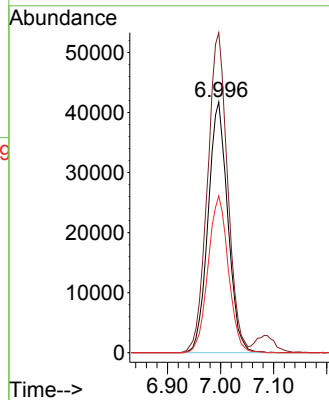
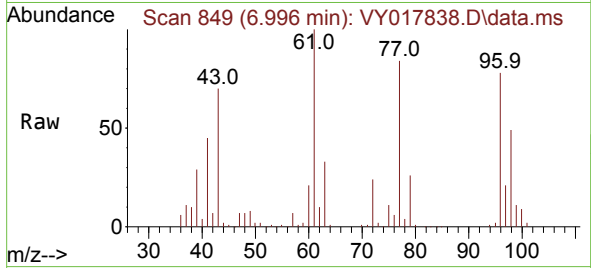


#27
 cis-1,2-Dichloroethene
 Concen: 56.169 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY017838.D
 Acq: 03 Apr 2024 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 107745

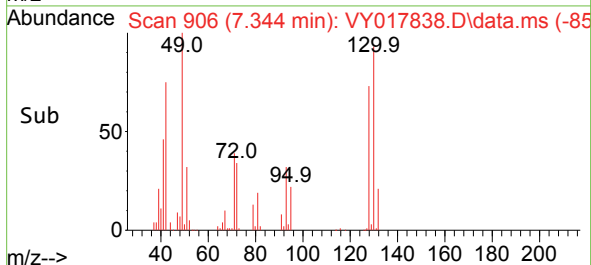
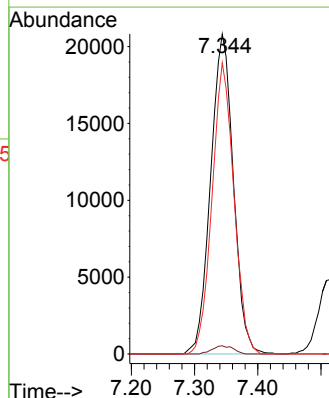
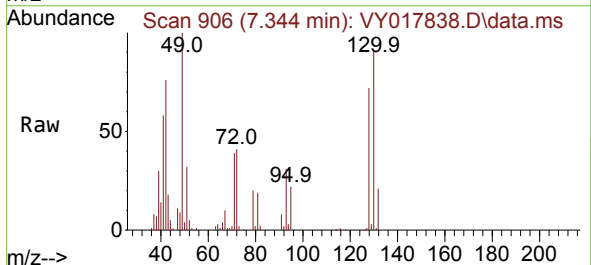
Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	256.2
98	64.3	0.0	130.0

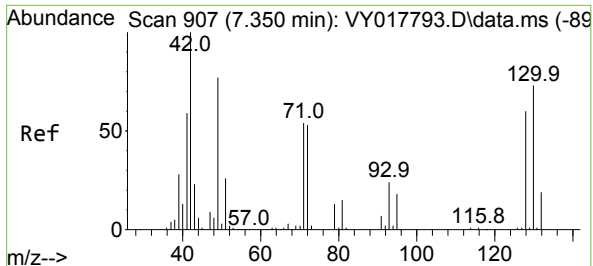


#28
 Bromochloromethane
 Concen: 44.736 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY017838.D
 Acq: 03 Apr 2024 16:30

Tgt Ion: 49 Resp: 51933

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	87.3	72.7	109.1





#29

Tetrahydrofuran

Concen: 235.503 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

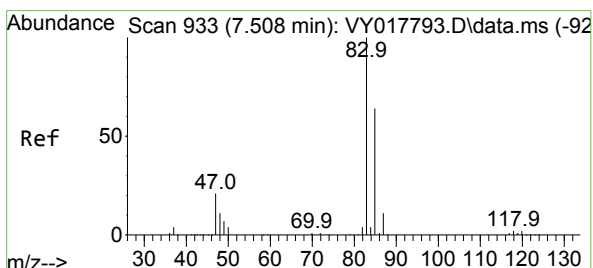
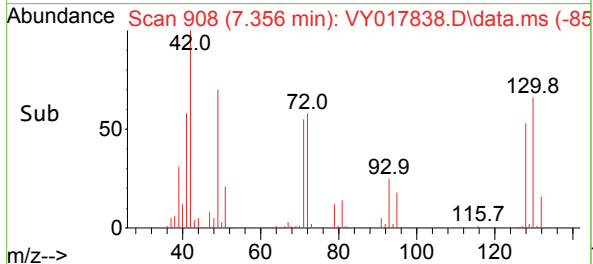
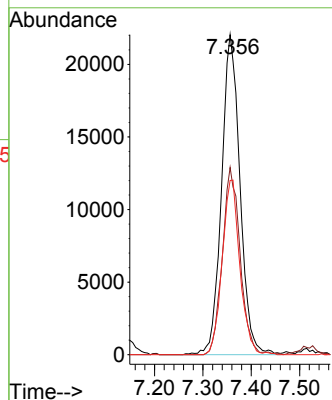
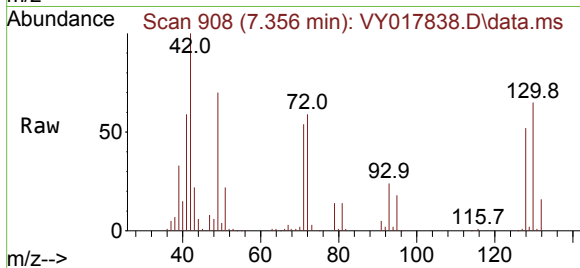
Tgt Ion: 42 Resp: 58504

Ion Ratio Lower Upper

42 100

72 56.4 43.0 64.4

71 52.1 40.8 61.2



#30

Chloroform

Concen: 56.702 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017838.D

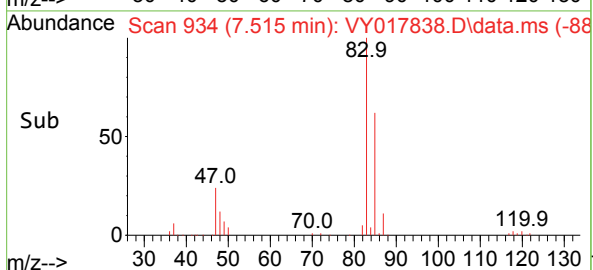
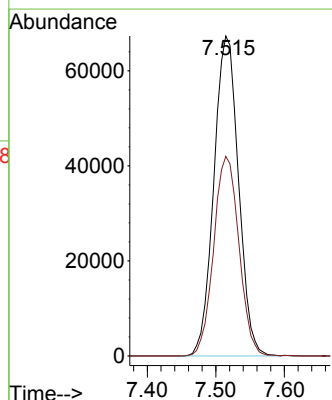
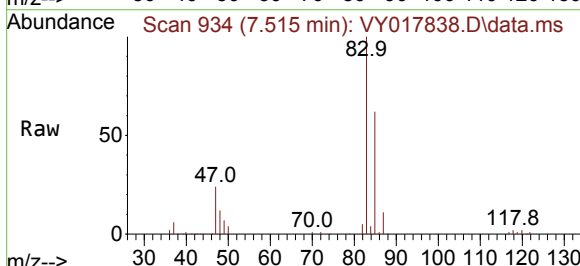
Acq: 03 Apr 2024 16:30

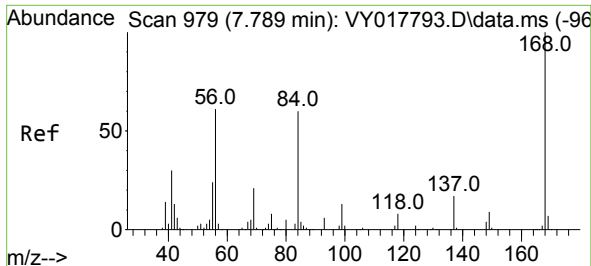
Tgt Ion: 83 Resp: 167942

Ion Ratio Lower Upper

83 100

85 62.4 52.2 78.4

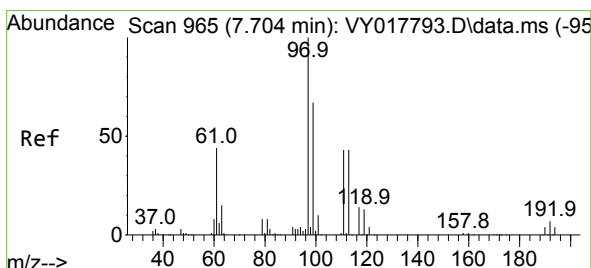
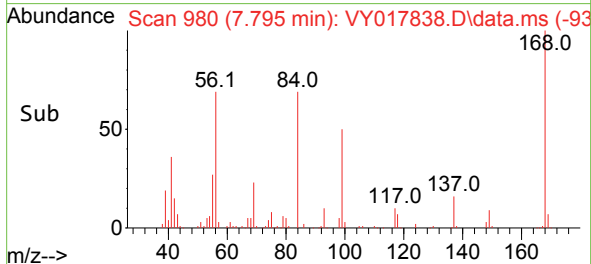
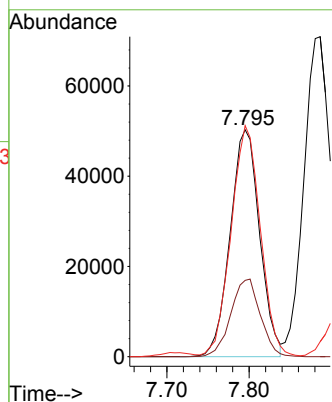
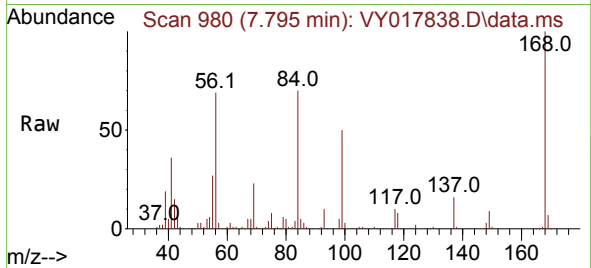




#31
Cyclohexane
Concen: 50.647 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

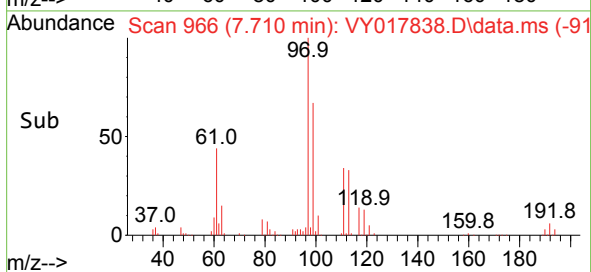
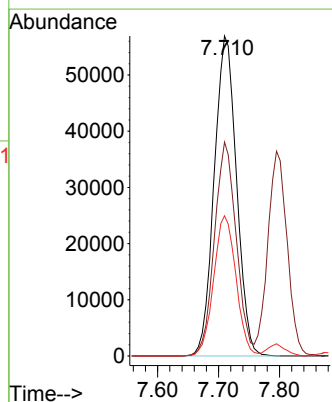
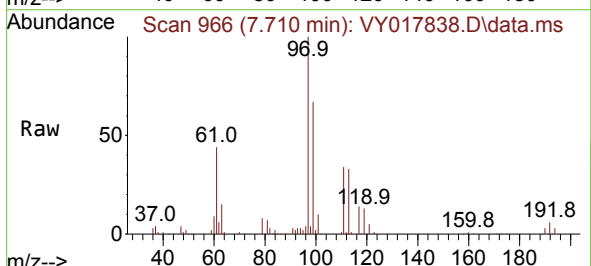
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

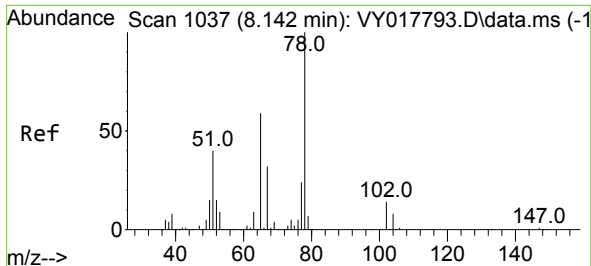
Tgt Ion: 56 Resp: 125442
Ion Ratio Lower Upper
56 100
69 33.6 28.7 43.1
84 99.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 57.546 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 97 Resp: 145066
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 43.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.639 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

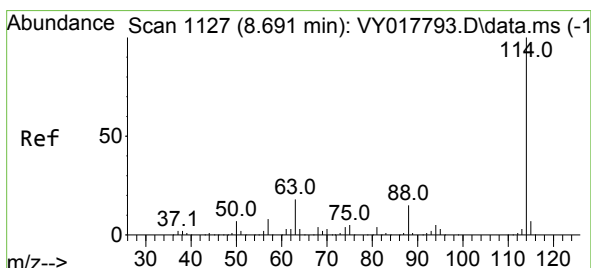
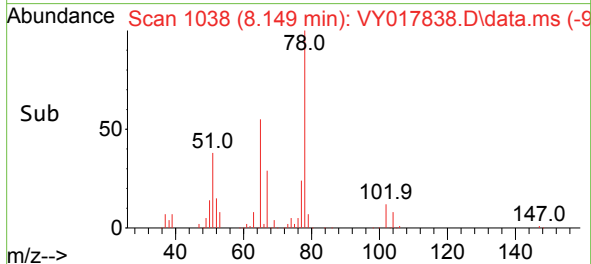
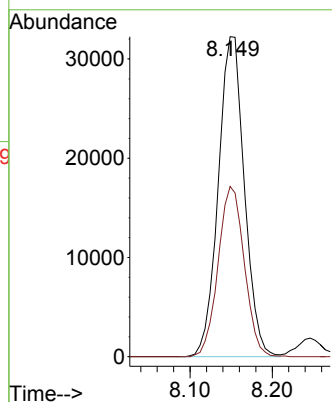
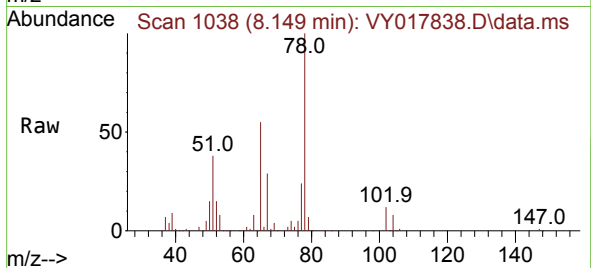
VSTDCCC050EC

Tgt Ion: 65 Resp: 71196

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

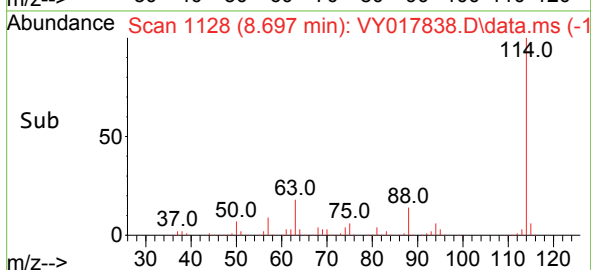
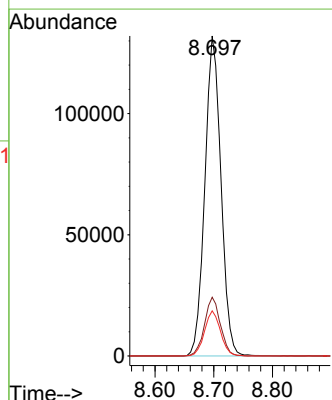
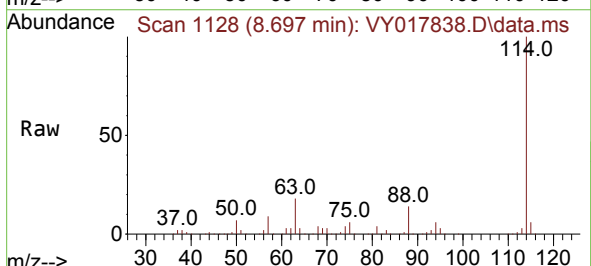
Tgt Ion: 114 Resp: 251590

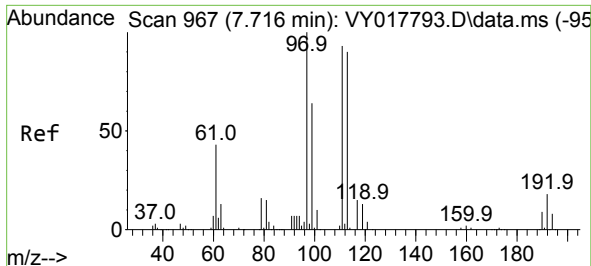
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.1 0.0 27.2

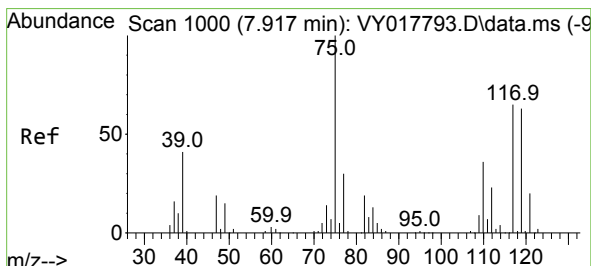
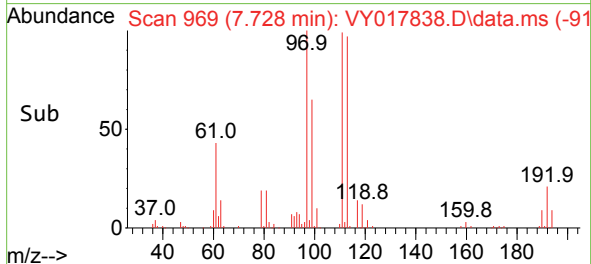
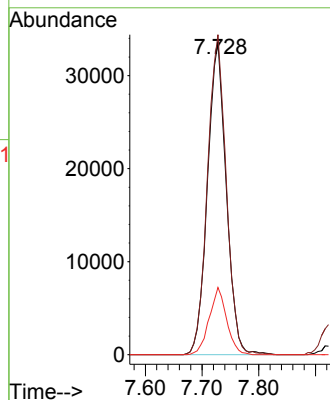
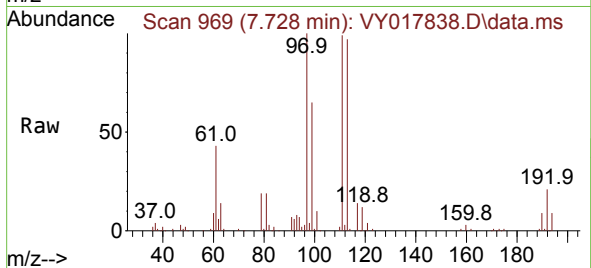




#35
Dibromofluoromethane
Concen: 53.066 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

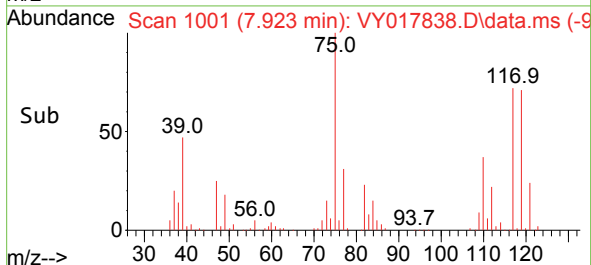
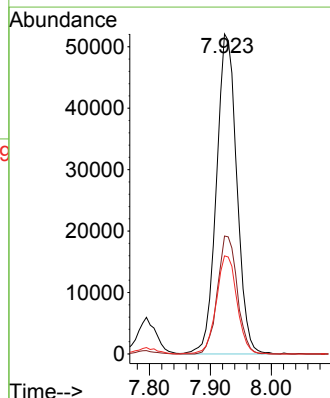
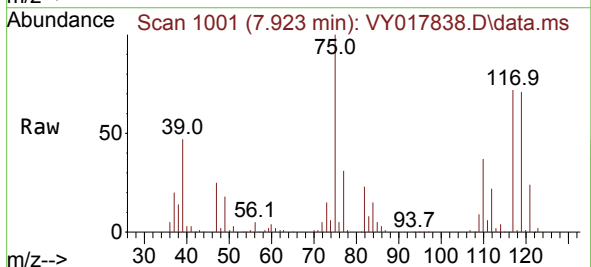
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

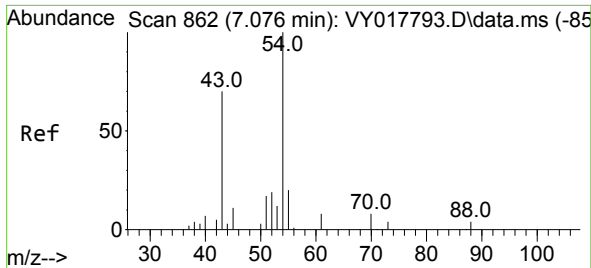
Tgt Ion:113 Resp: 77147
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 56.873 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 75 Resp: 120638
Ion Ratio Lower Upper
75 100
110 35.8 19.0 57.0
77 31.2 25.3 37.9

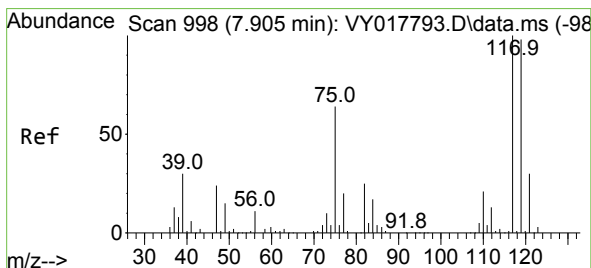
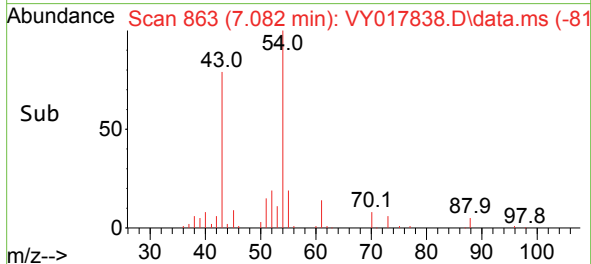
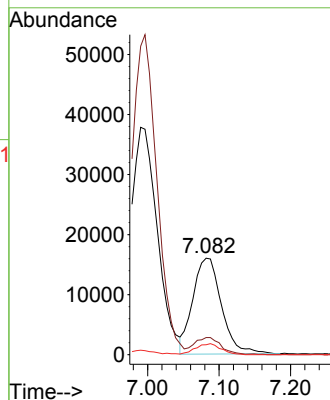
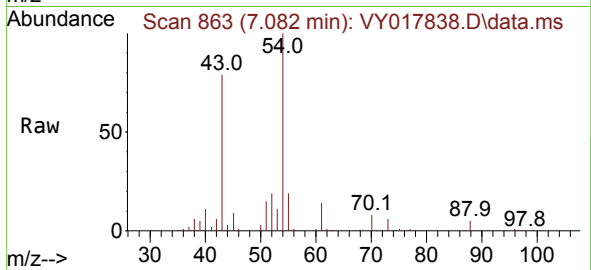




#37
Ethyl Acetate
Concen: 48.618 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

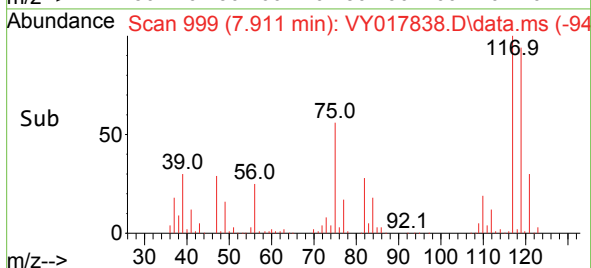
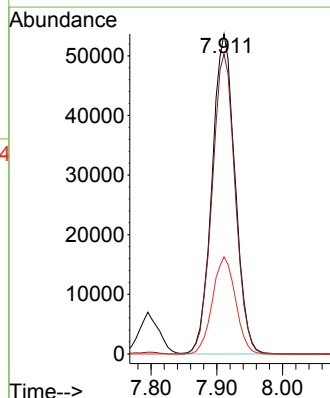
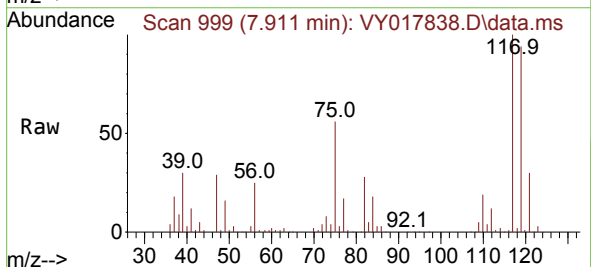
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

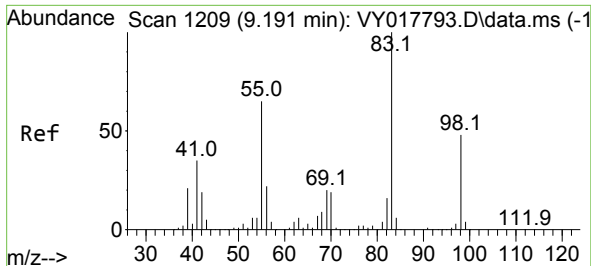
Tgt Ion: 43 Resp: 44505
Ion Ratio Lower Upper
43 100
61 17.1 12.6 19.0
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 59.258 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 117 Resp: 130490
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.6
121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 56.919 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

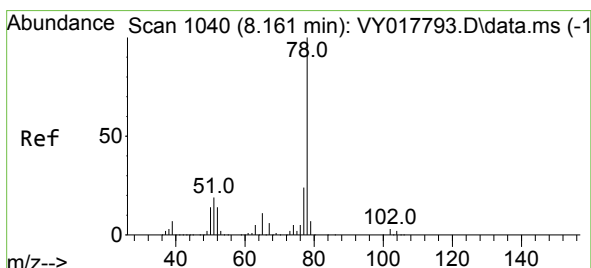
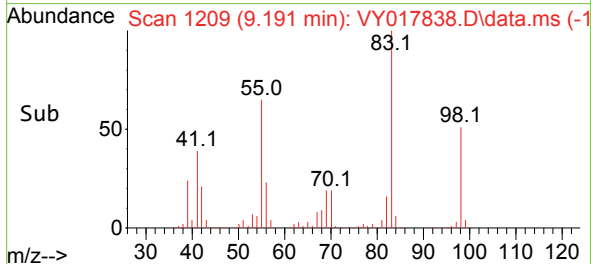
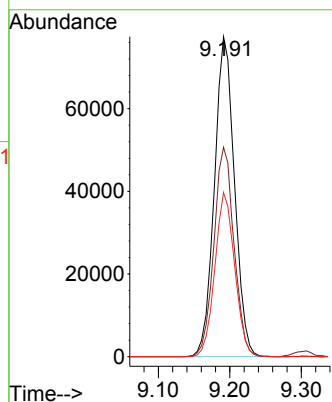
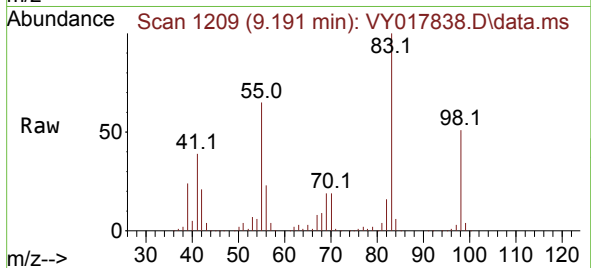
Tgt Ion: 83 Resp: 150813

Ion Ratio Lower Upper

83 100

55 65.5 51.5 77.3

98 51.3 40.5 60.7



#40

Benzene

Concen: 55.704 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017838.D

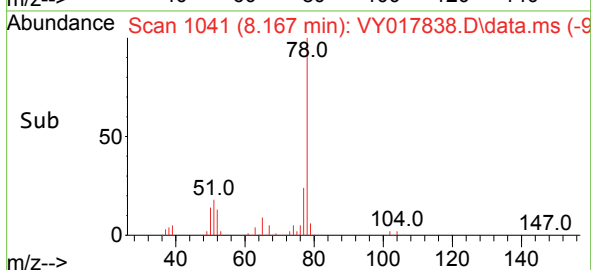
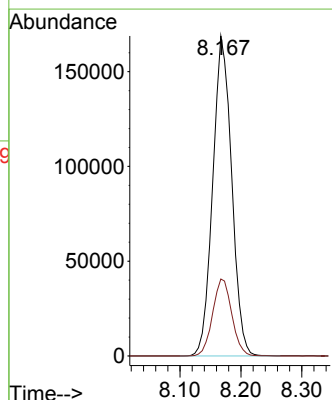
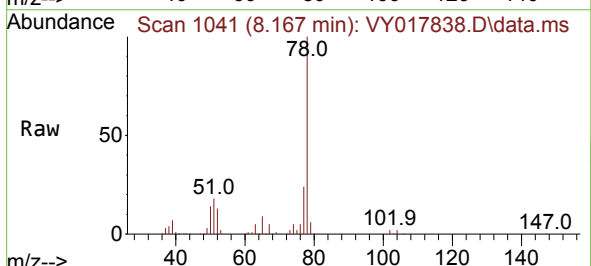
Acq: 03 Apr 2024 16:30

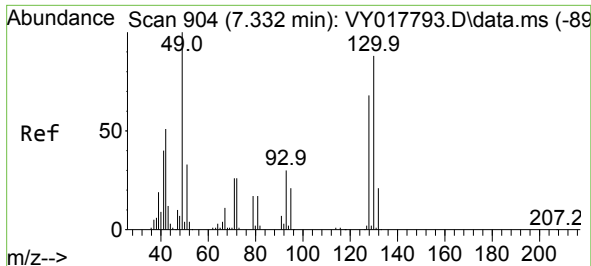
Tgt Ion: 78 Resp: 364142

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

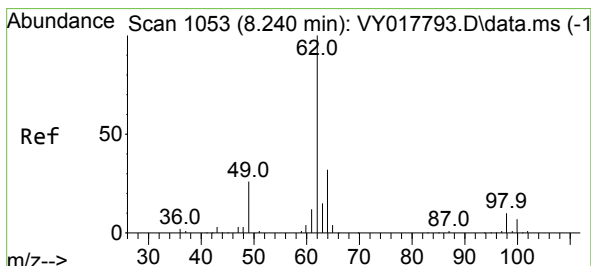
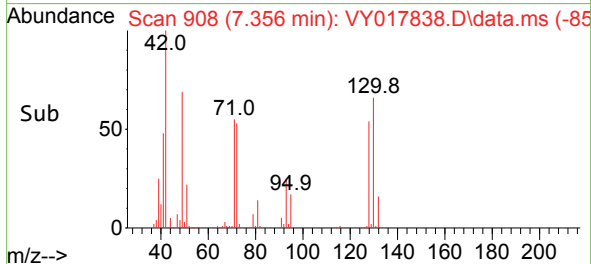
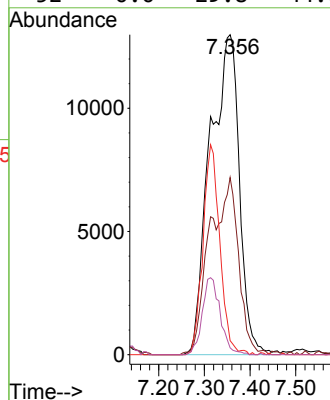
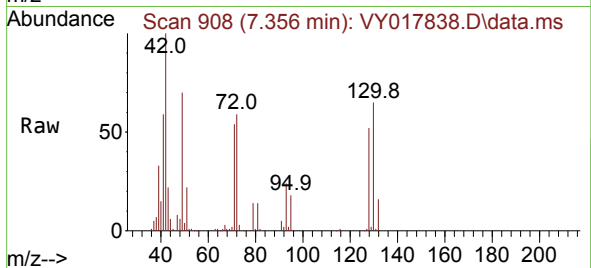




#41
Methacrylonitrile
Concen: 94.512 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

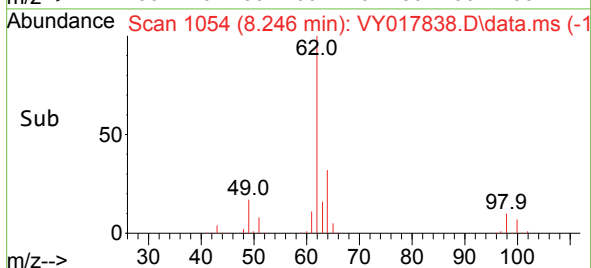
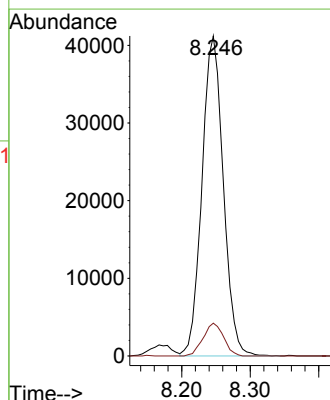
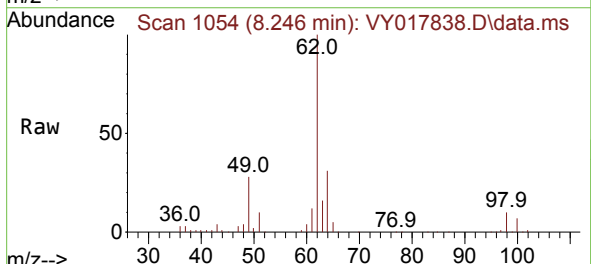
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

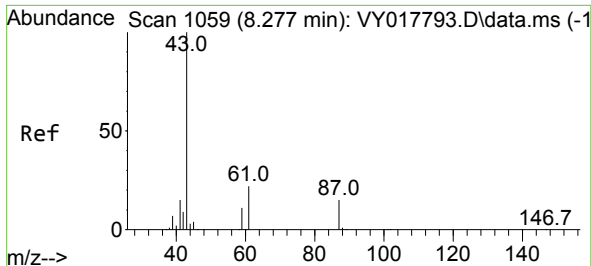
Tgt Ion: 41 Resp: 57925
Ion Ratio Lower Upper
41 100
39 27.5 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 55.534 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 62 Resp: 89354
Ion Ratio Lower Upper
62 100
98 9.9 0.0 22.0

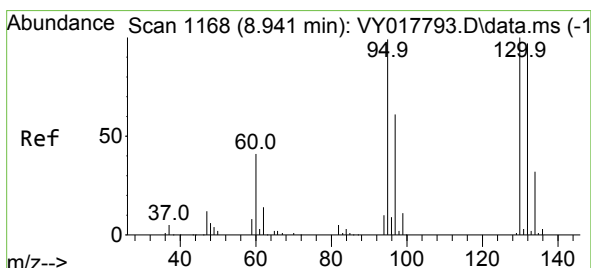
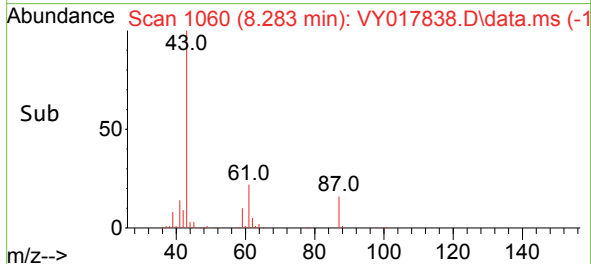
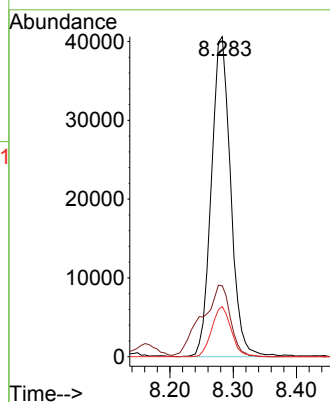
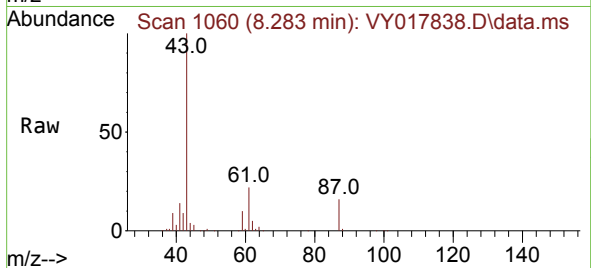




#43
Isopropyl Acetate
Concen: 51.800 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

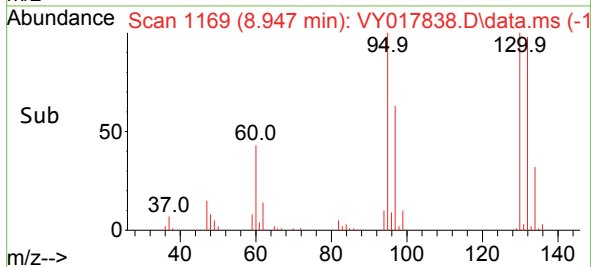
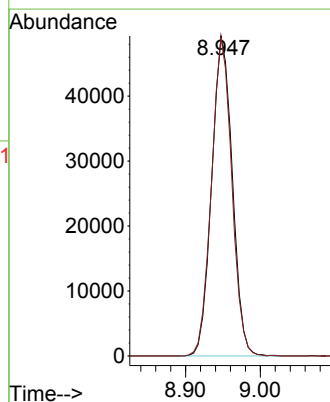
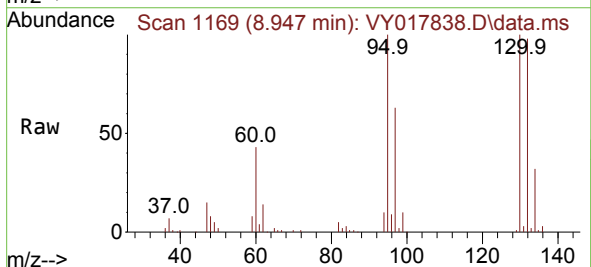
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

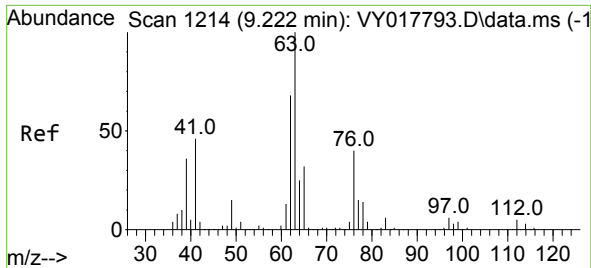
Tgt Ion: 43 Resp: 86052
Ion Ratio Lower Upper
43 100
61 33.1 27.9 41.9
87 15.7 13.1 19.7



#44
Trichloroethene
Concen: 55.355 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 130 Resp: 94147
Ion Ratio Lower Upper
130 100
95 99.5 0.0 188.0

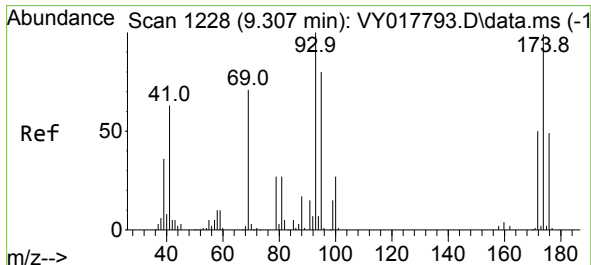
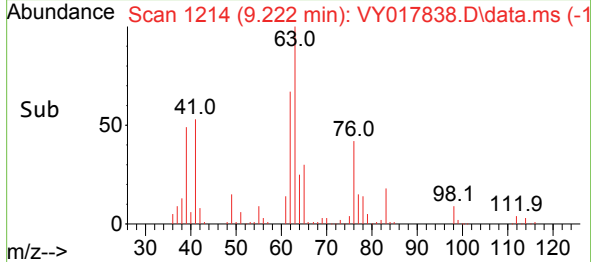
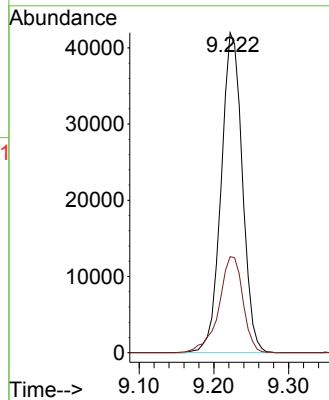
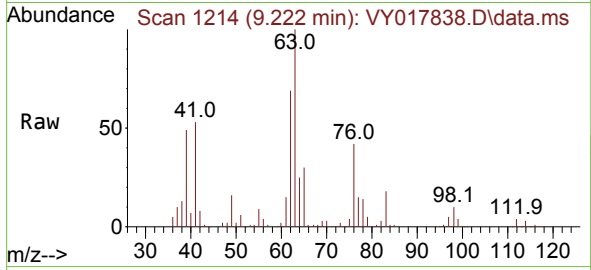




#45
1,2-Dichloropropane
Concen: 54.387 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

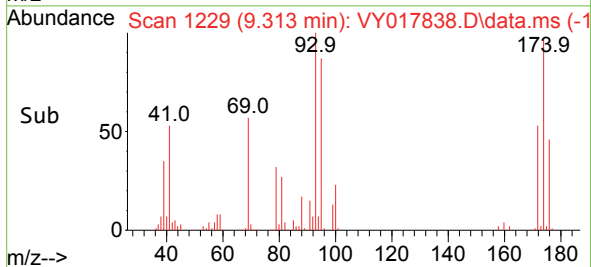
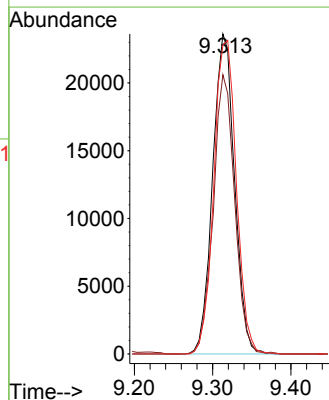
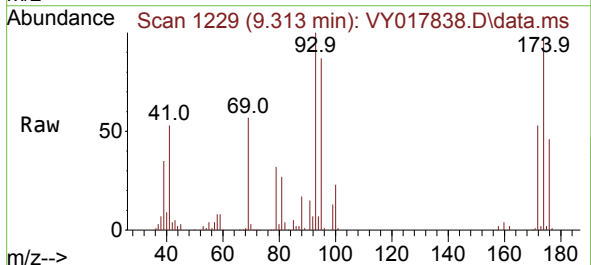
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

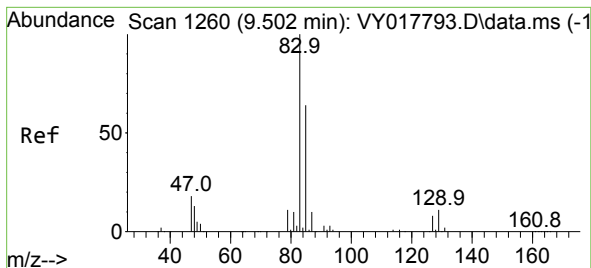
Tgt Ion: 63 Resp: 82615
Ion Ratio Lower Upper
63 100
65 30.0 25.4 38.2



#46
Dibromomethane
Concen: 53.096 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 93 Resp: 45822
Ion Ratio Lower Upper
93 100
95 85.7 66.2 99.4
174 101.2 80.9 121.3





#47

Bromodichloromethane

Concen: 56.492 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

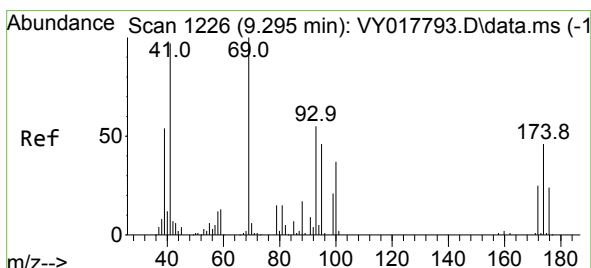
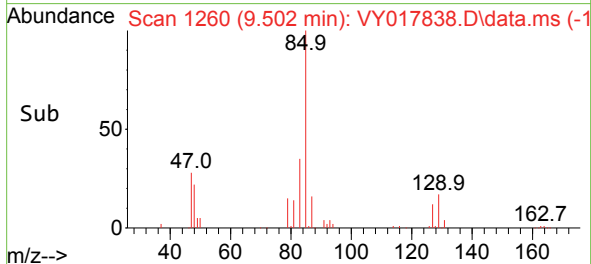
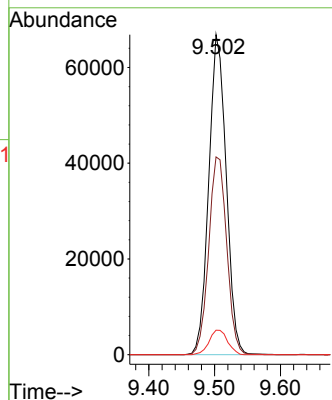
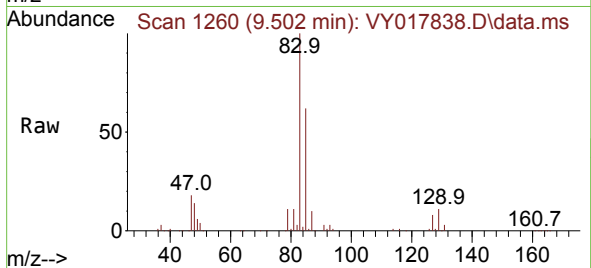
Tgt Ion: 83 Resp: 123187

Ion Ratio Lower Upper

83 100

85 61.8 50.1 75.1

127 7.7 7.4 11.0



#48

Methyl methacrylate

Concen: 54.919 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

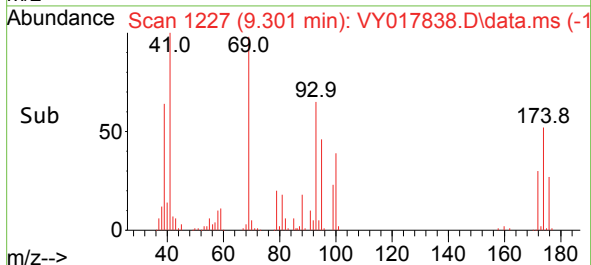
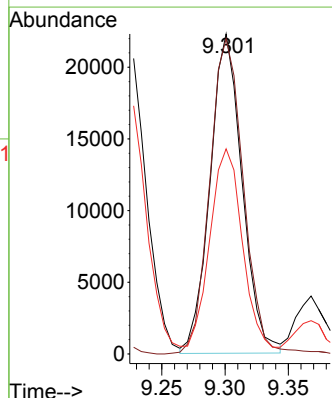
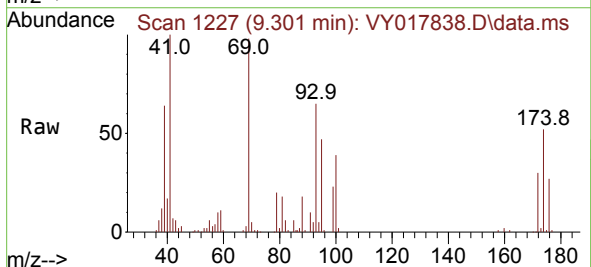
Tgt Ion: 41 Resp: 39339

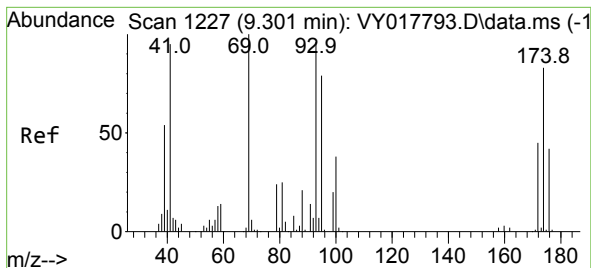
Ion Ratio Lower Upper

41 100

69 103.5 84.1 126.1

39 62.1 43.6 65.4





#49

1,4-Dioxane

Concen: 985.114 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

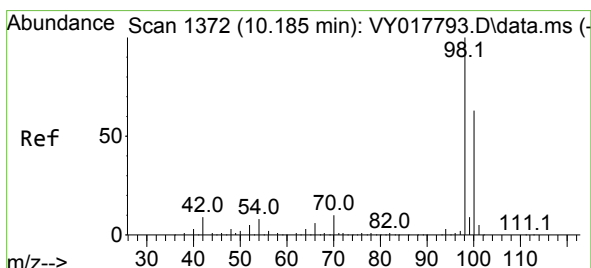
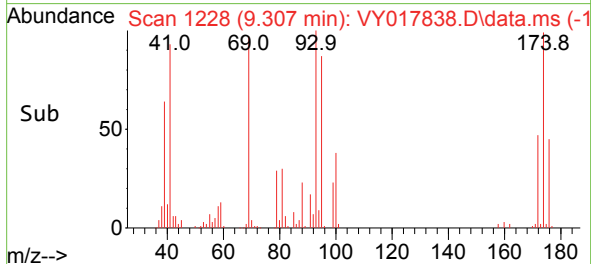
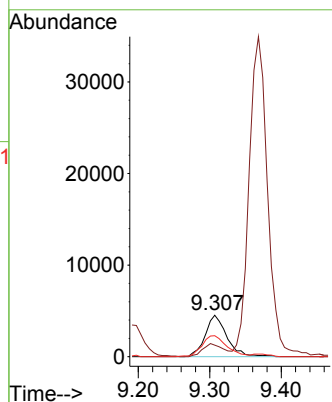
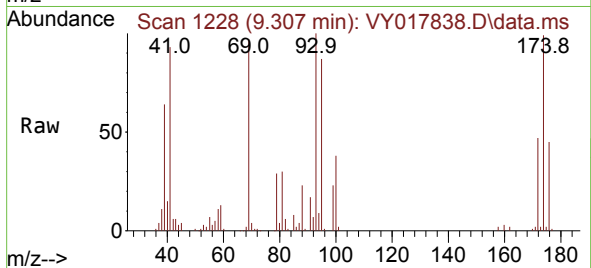
Tgt Ion: 88 Resp: 9544

Ion Ratio Lower Upper

88 100

43 31.1 0.0 0.0#

58 58.2 49.3 73.9



#50

Toluene-d8

Concen: 53.577 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017838.D

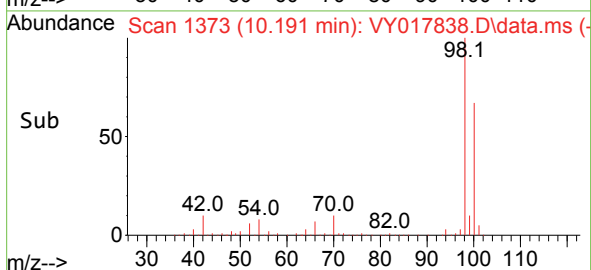
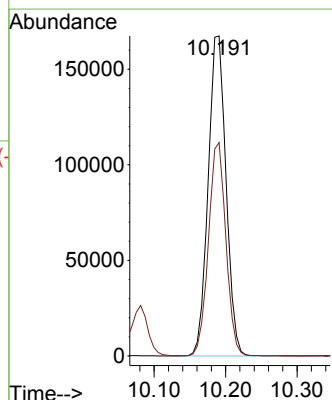
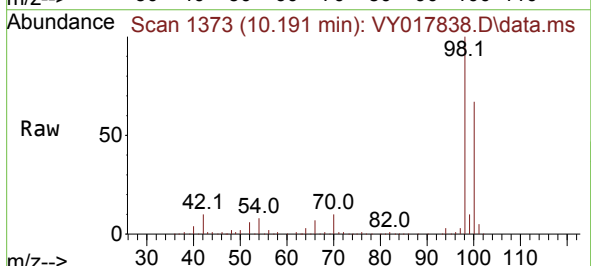
Acq: 03 Apr 2024 16:30

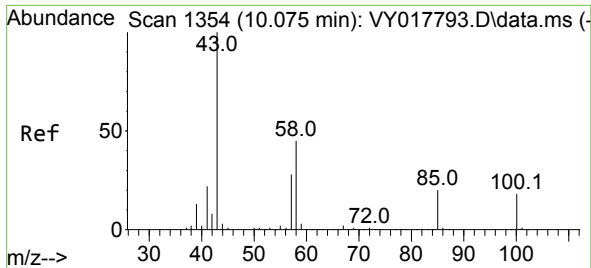
Tgt Ion: 98 Resp: 290953

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

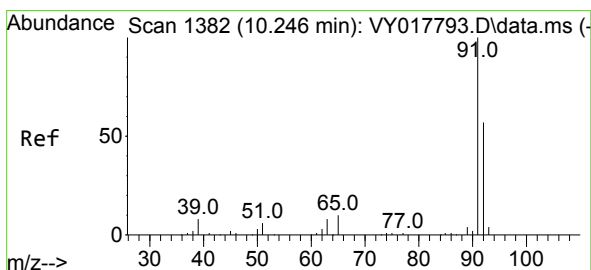
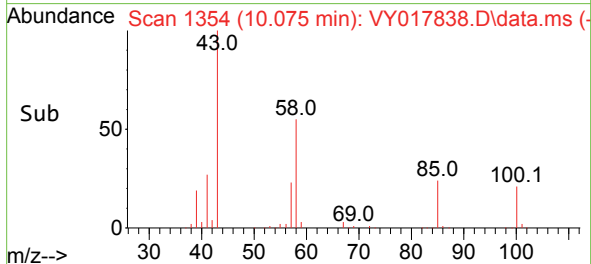
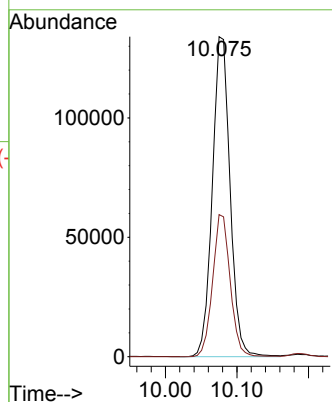
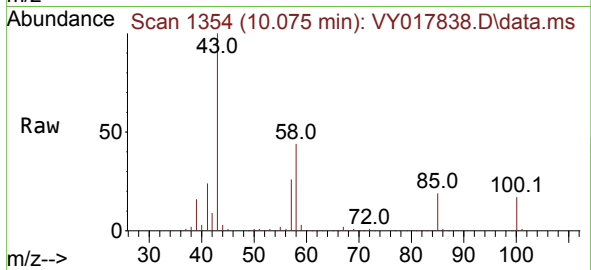




#51
4-Methyl-2-Pentanone
Concen: 275.982 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

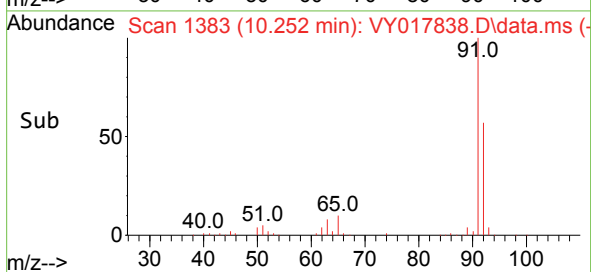
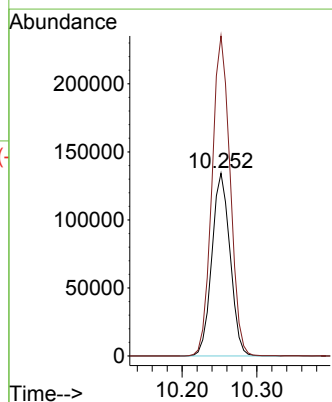
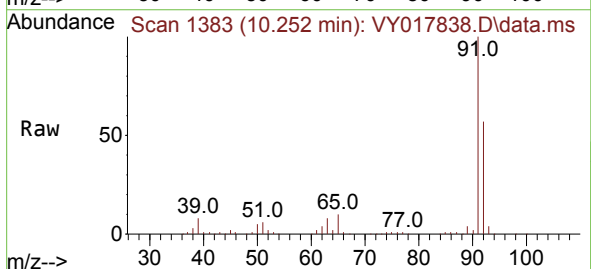
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

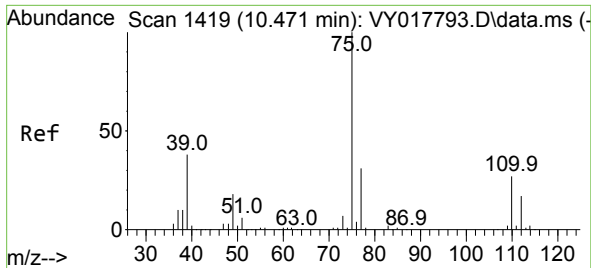
Tgt Ion: 43 Resp: 230779
Ion Ratio Lower Upper
43 100
58 44.1 35.7 53.5



#52
Toluene
Concen: 57.237 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 92 Resp: 226954
Ion Ratio Lower Upper
92 100
91 175.0 139.0 208.6

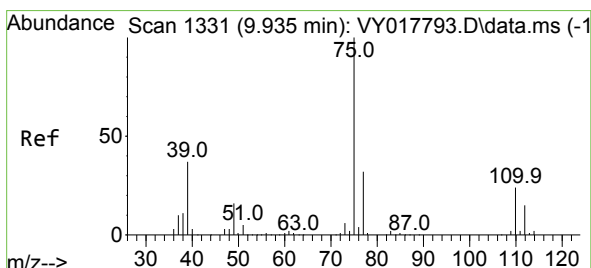
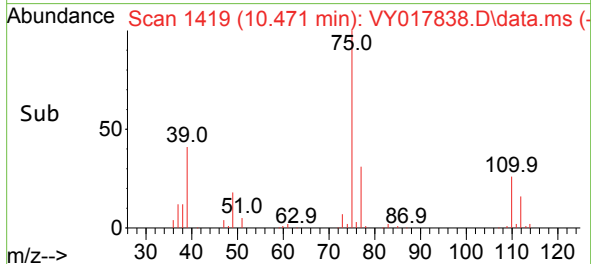
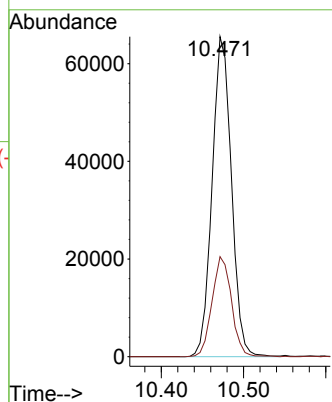
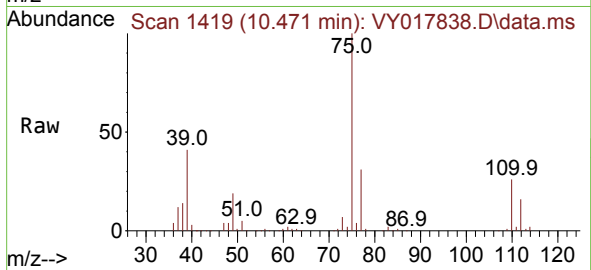




#53
t-1,3-Dichloropropene
Concen: 55.209 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

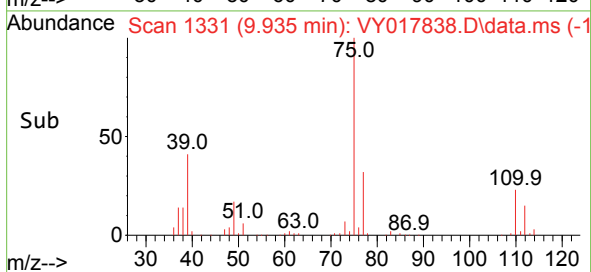
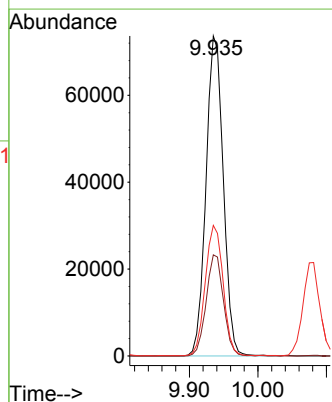
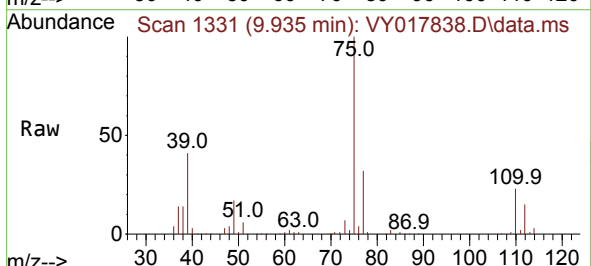
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

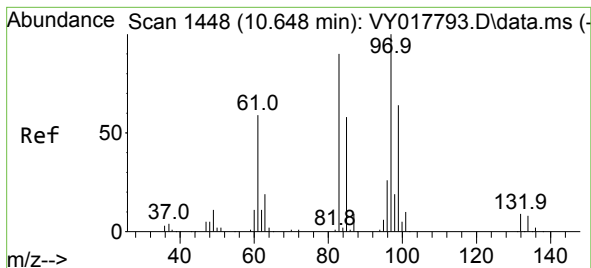
Tgt Ion: 75 Resp: 106896
Ion Ratio Lower Upper
75 100
77 31.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 54.850 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 75 Resp: 129614
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 40.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 52.825 ug/l

RT: 10.654 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 60746

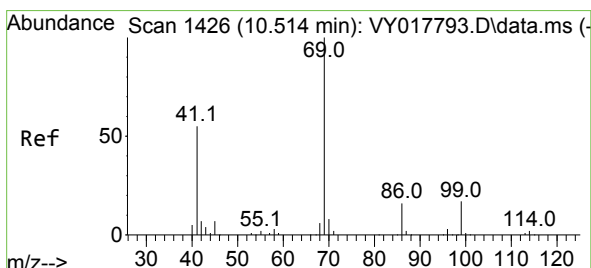
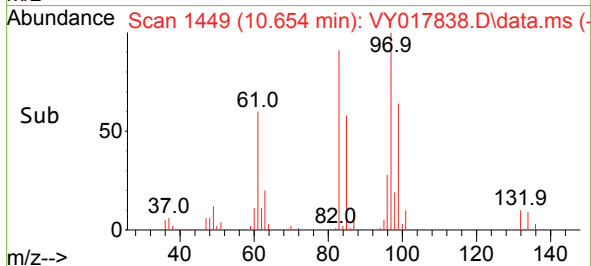
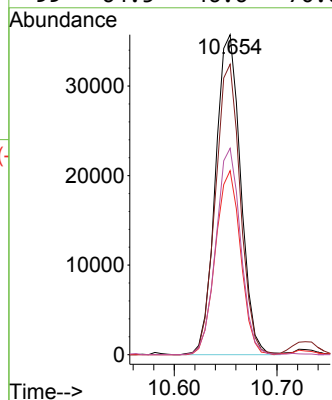
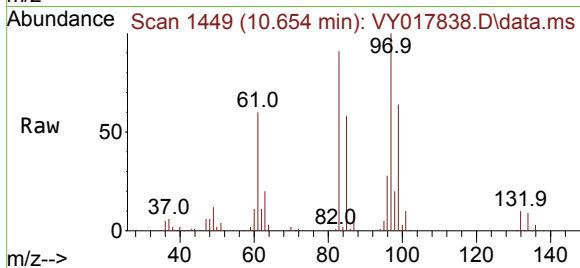
Ion Ratio Lower Upper

97 100

83 90.8 67.5 101.3

85 57.5 42.9 64.3

99 64.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 55.360 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

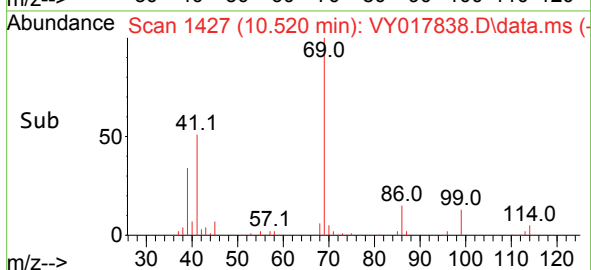
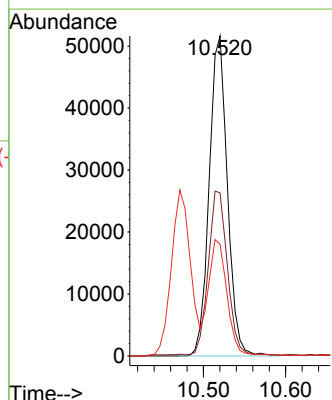
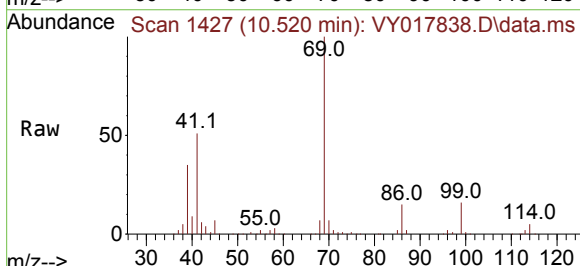
Tgt Ion: 69 Resp: 79599

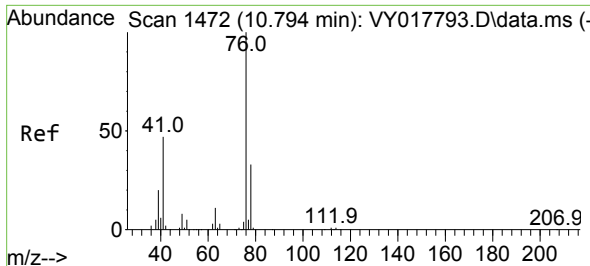
Ion Ratio Lower Upper

69 100

41 55.7 42.3 63.5

39 37.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 54.707 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

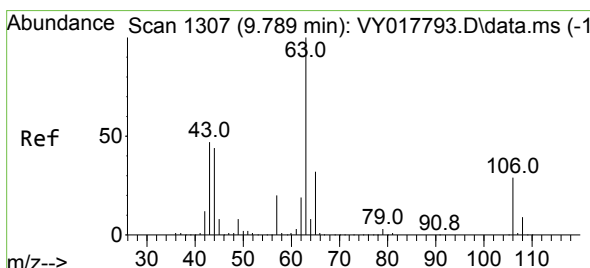
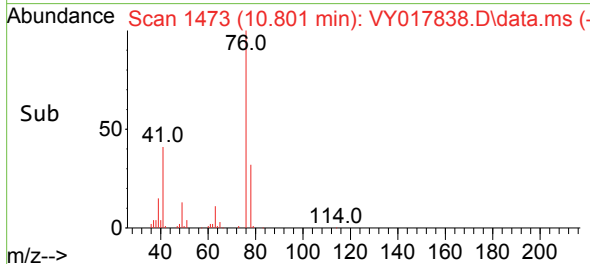
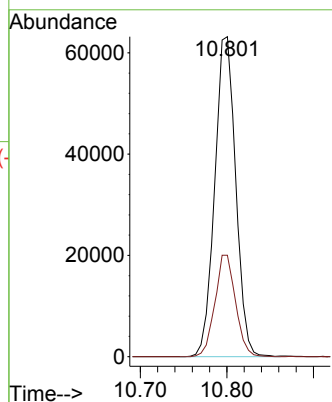
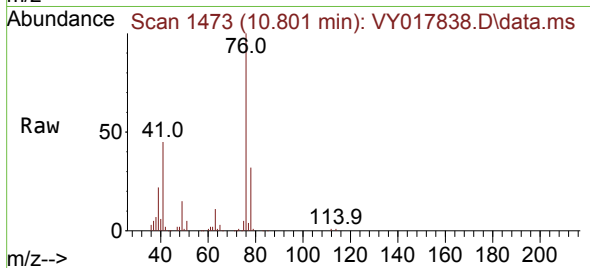
VSTDCCC050EC

Tgt Ion: 76 Resp: 106399

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.342 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017838.D

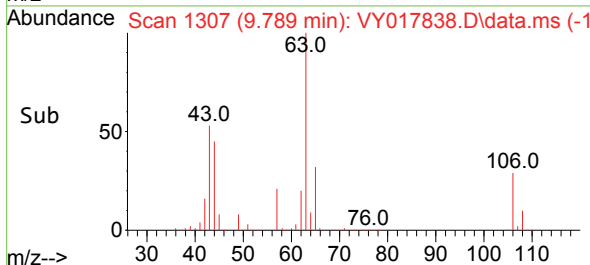
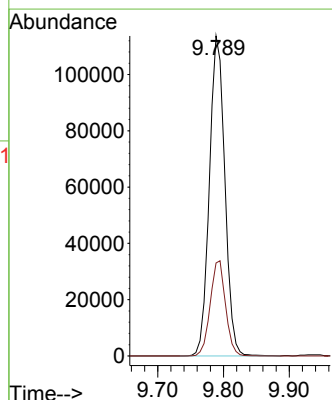
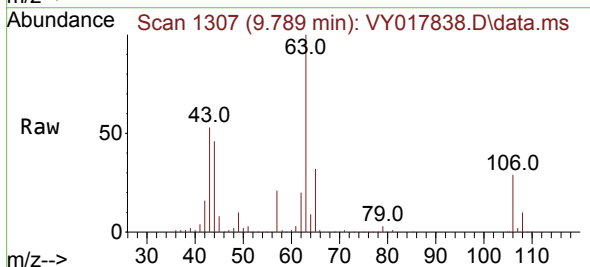
Acq: 03 Apr 2024 16:30

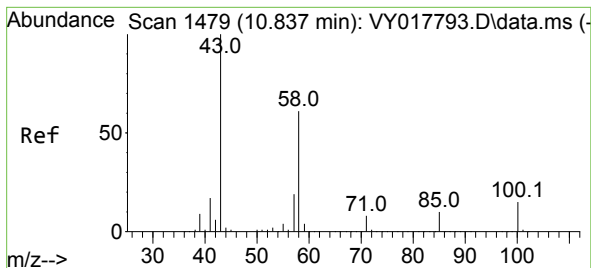
Tgt Ion: 63 Resp: 186341

Ion Ratio Lower Upper

63 100

106 29.4 23.7 35.5





#59

2-Hexanone

Concen: 271.401 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

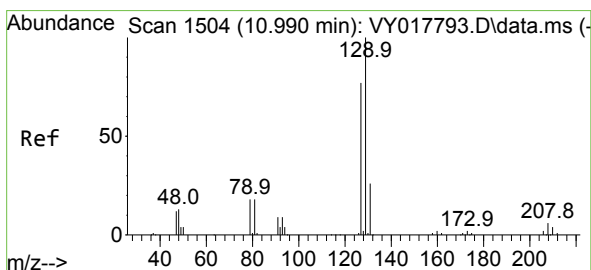
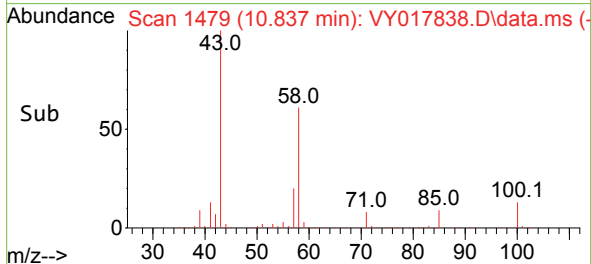
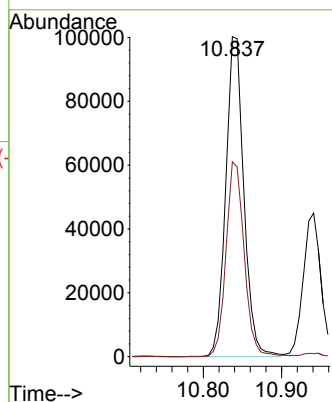
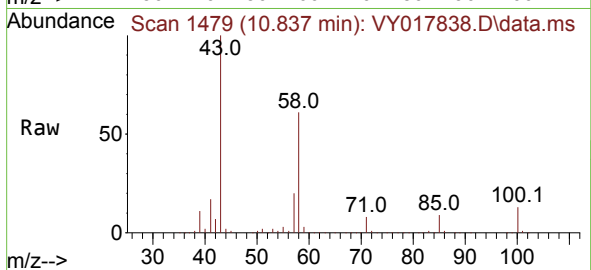
VSTDCCC050EC

Tgt Ion: 43 Resp: 161142

Ion Ratio Lower Upper

43 100

58 61.2 31.4 94.0



#60

Dibromochloromethane

Concen: 54.950 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY017838.D

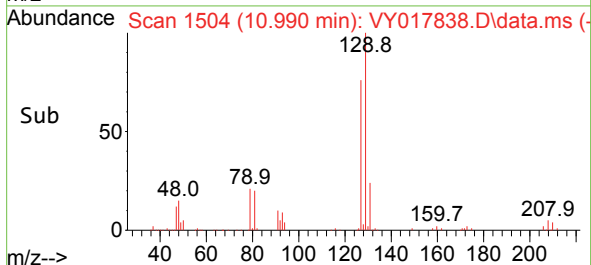
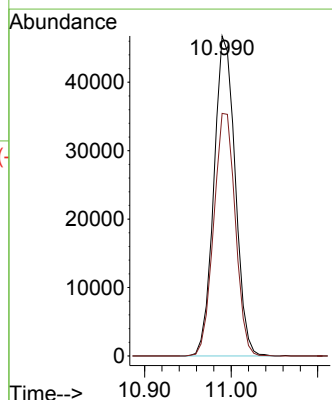
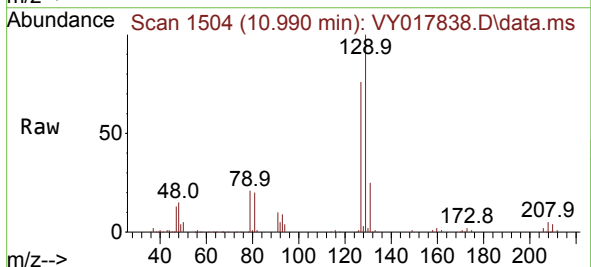
Acq: 03 Apr 2024 16:30

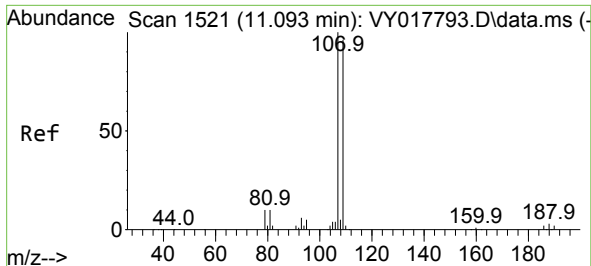
Tgt Ion: 129 Resp: 79697

Ion Ratio Lower Upper

129 100

127 77.1 39.0 117.0

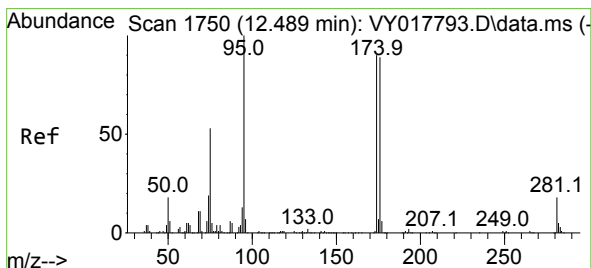
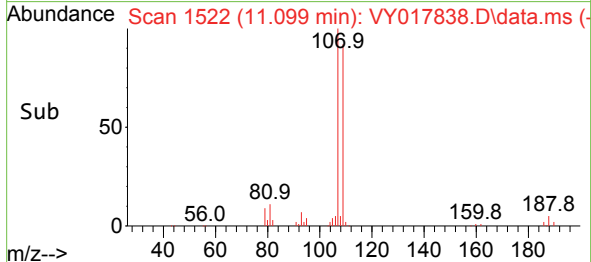
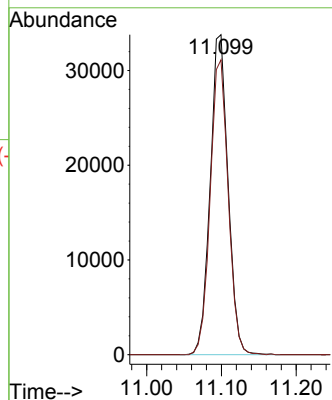
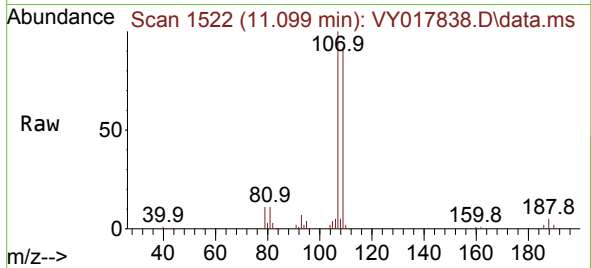




#61
1,2-Dibromoethane
Concen: 53.640 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

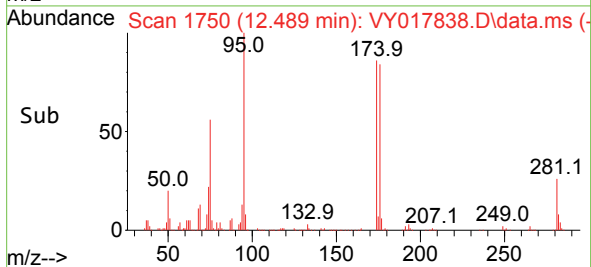
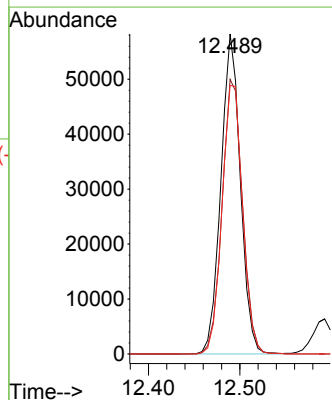
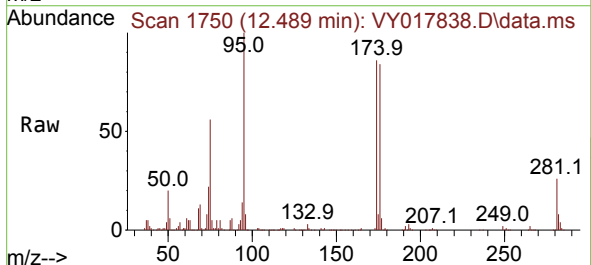
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

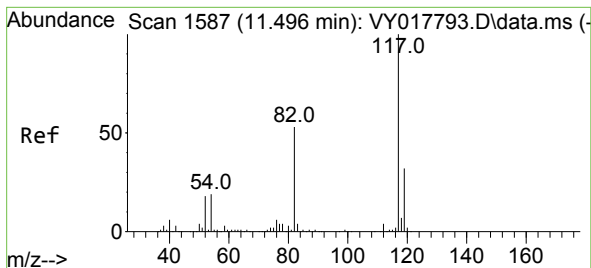
Tgt Ion:107 Resp: 56245
Ion Ratio Lower Upper
107 100
109 92.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.176 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 95 Resp: 86207
Ion Ratio Lower Upper
95 100
174 89.9 0.0 175.6
176 88.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

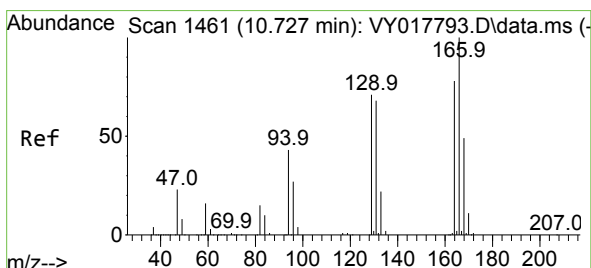
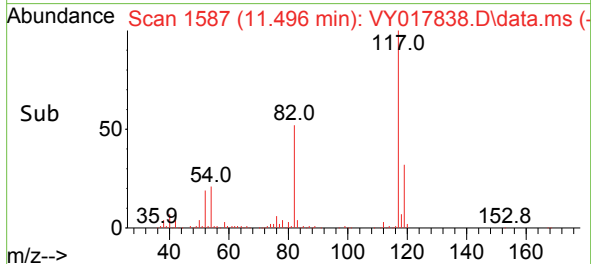
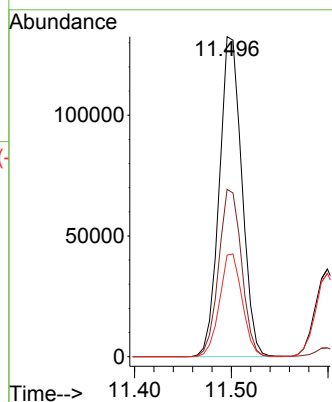
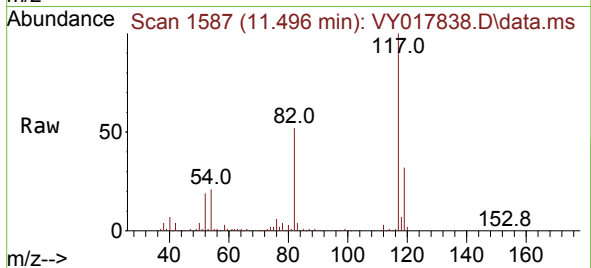
Tgt Ion:117 Resp: 214373

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 56.032 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Tgt Ion:164 Resp: 104767

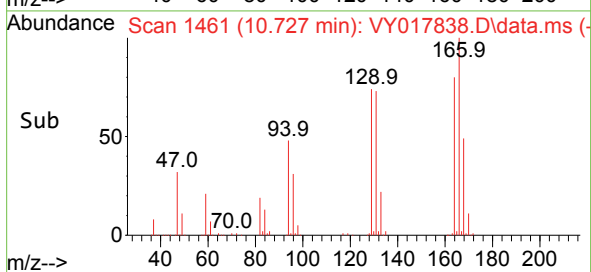
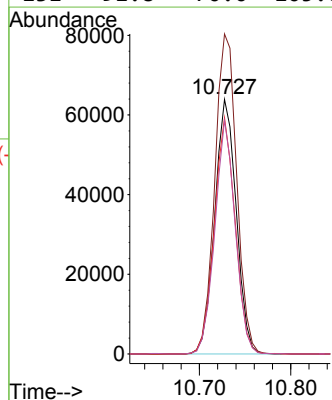
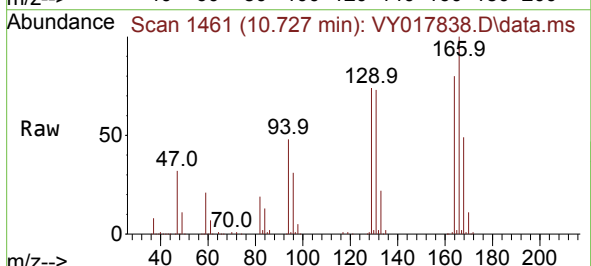
Ion Ratio Lower Upper

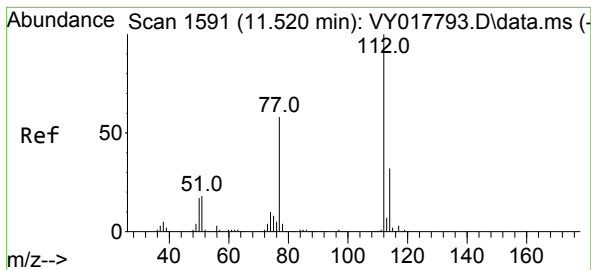
164 100

166 125.7 102.6 154.0

129 92.8 72.0 108.0

131 91.8 70.0 105.0





#65

Chlorobenzene

Concen: 54.964 ug/l

RT: 11.526 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

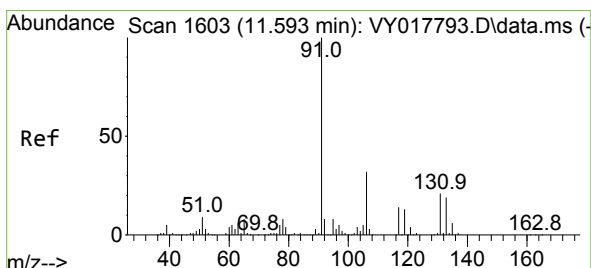
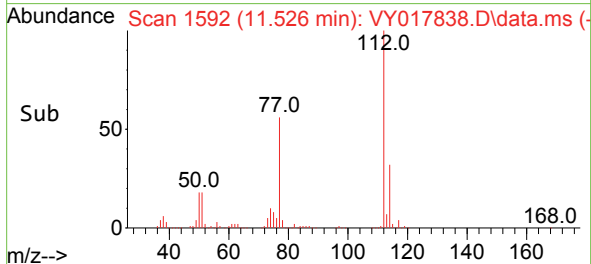
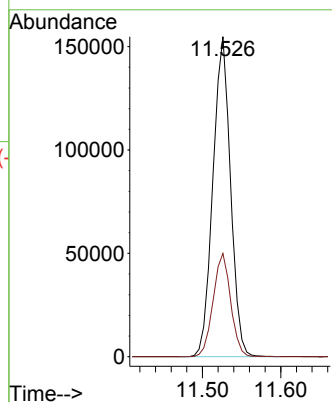
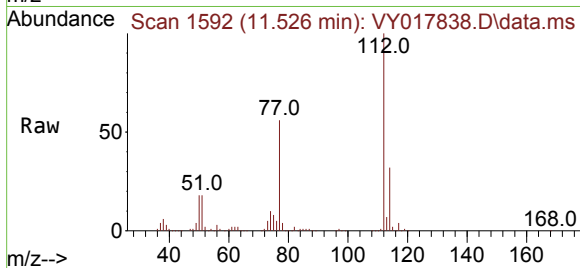
VSTDCCC050EC

Tgt Ion:112 Resp: 241707

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.824 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

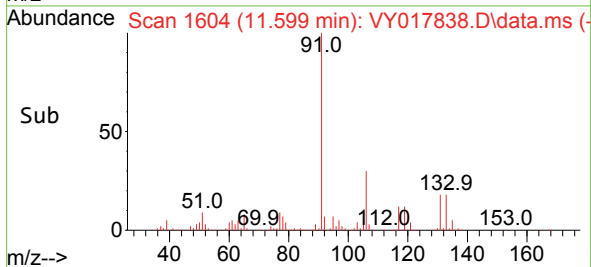
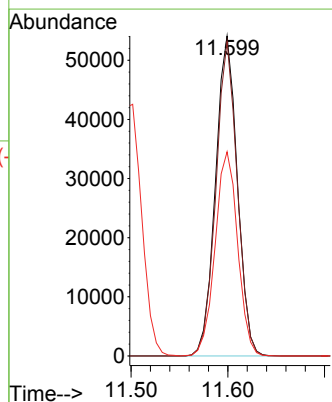
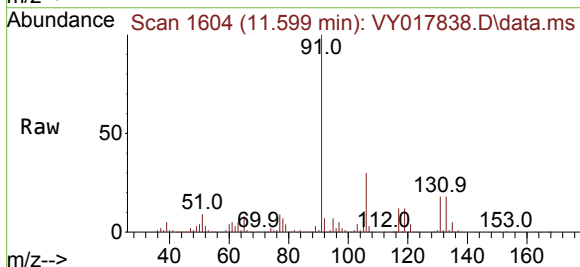
Tgt Ion:131 Resp: 84848

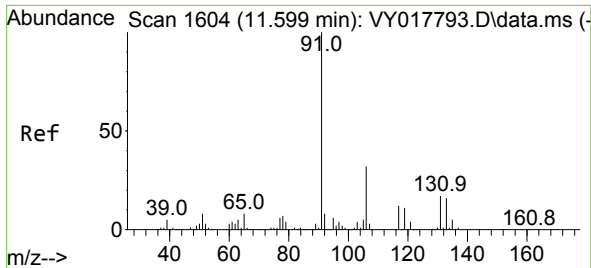
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 65.9 34.1 102.2

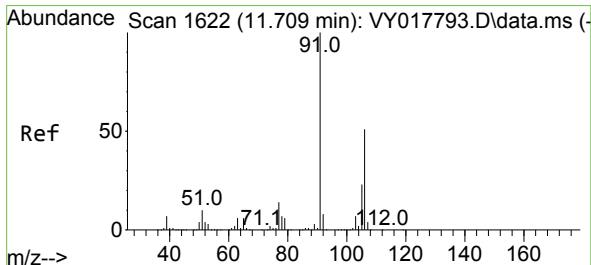
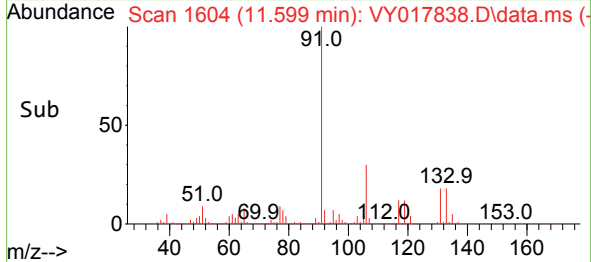
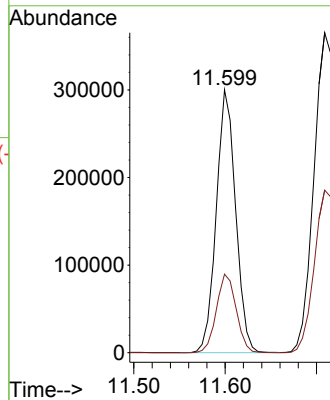
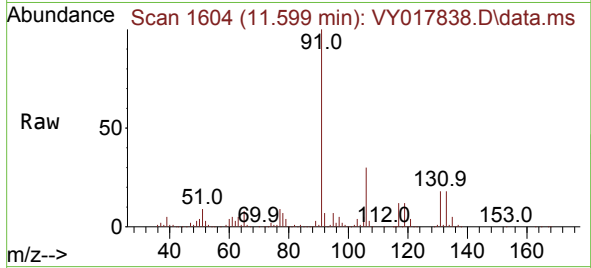




#67
Ethyl Benzene
Concen: 58.429 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

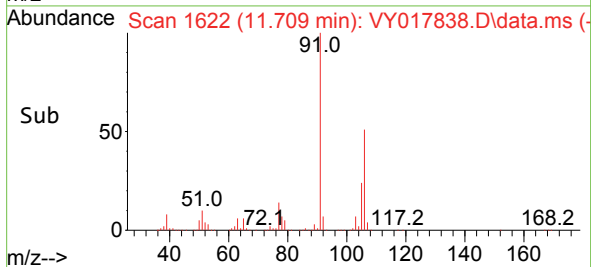
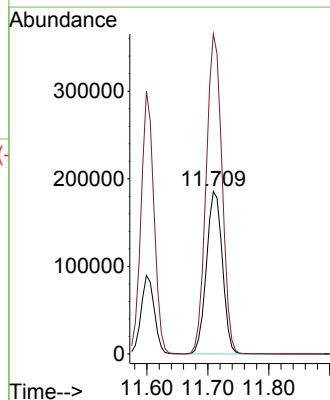
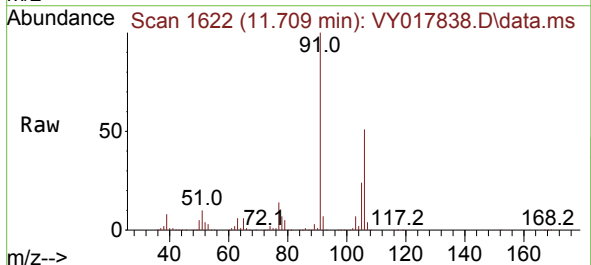
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

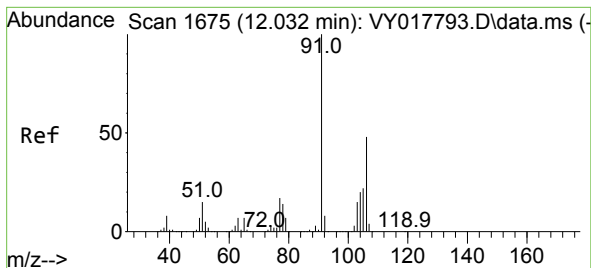
Tgt Ion: 91 Resp: 441698
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



#68
m/p-Xylenes
Concen: 117.595 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 106 Resp: 337137
Ion Ratio Lower Upper
106 100
91 195.7 156.0 234.0





#69

o-Xylene

Concen: 62.094 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

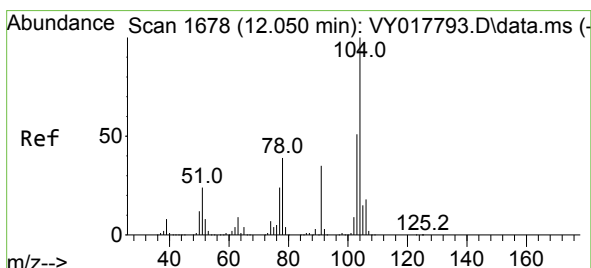
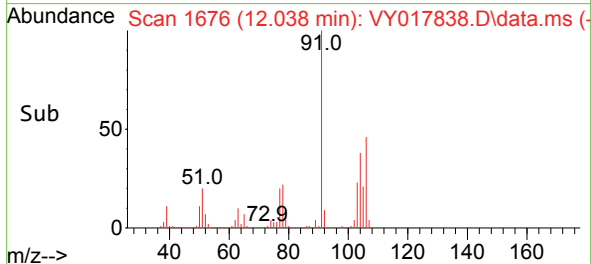
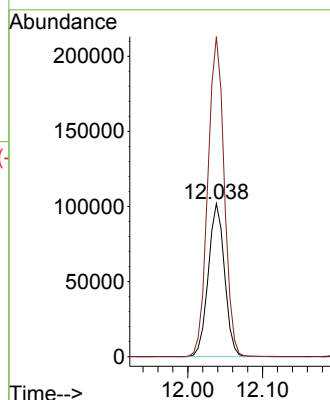
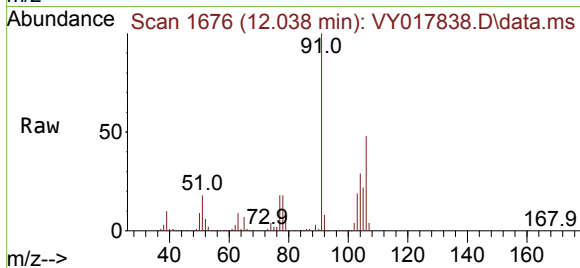
VSTDCCC050EC

Tgt Ion:106 Resp: 154091

Ion Ratio Lower Upper

106 100

91 210.7 103.6 310.8



#70

Styrene

Concen: 61.601 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

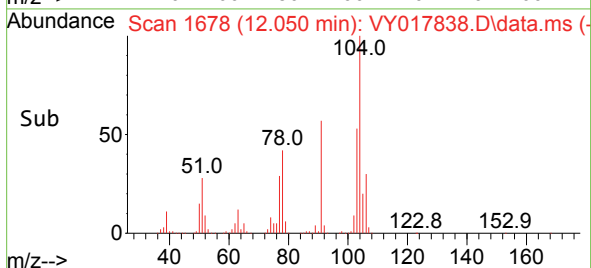
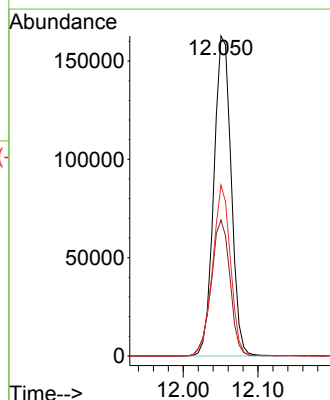
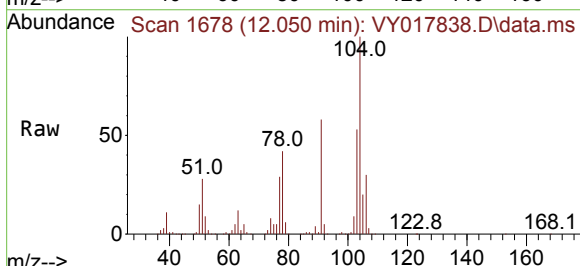
Tgt Ion:104 Resp: 263001

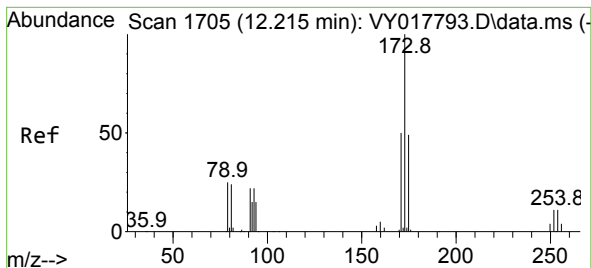
Ion Ratio Lower Upper

104 100

78 46.1 37.0 55.4

103 55.0 44.2 66.2





#71

Bromoform

Concen: 53.439 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

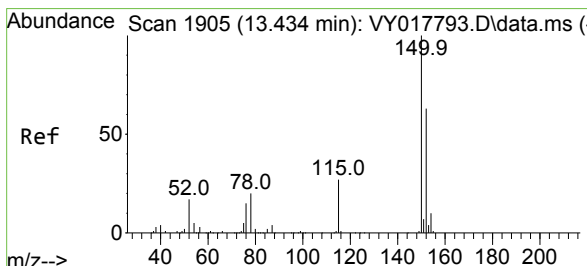
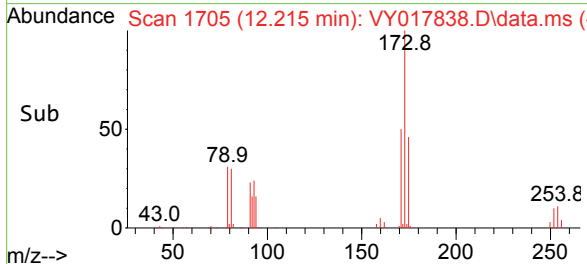
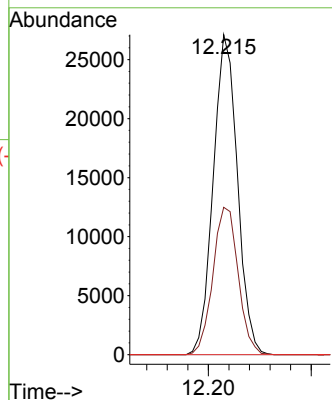
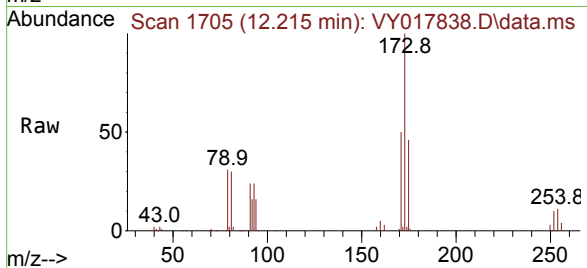
Tgt Ion:173 Resp: 44230

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

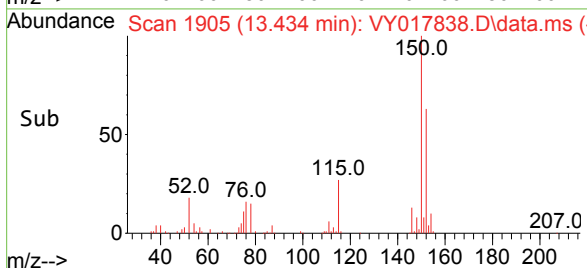
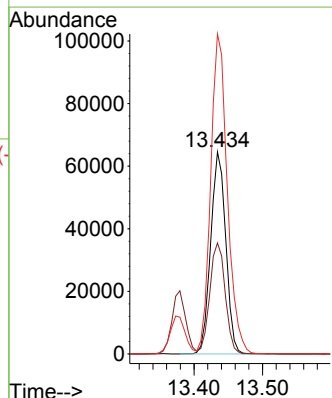
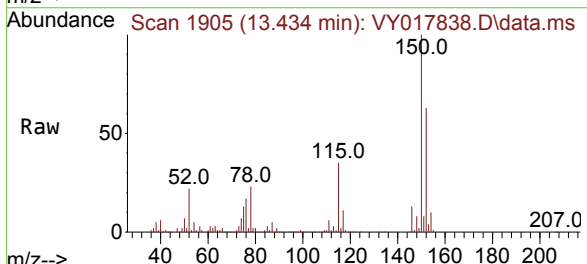
Tgt Ion:152 Resp: 99043

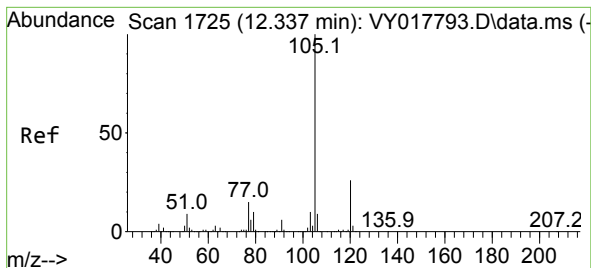
Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 173.9 0.0 345.6





#73

Isopropylbenzene

Concen: 59.411 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

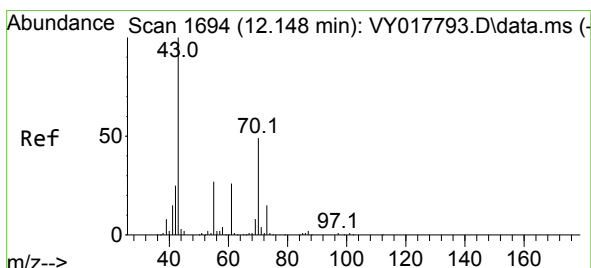
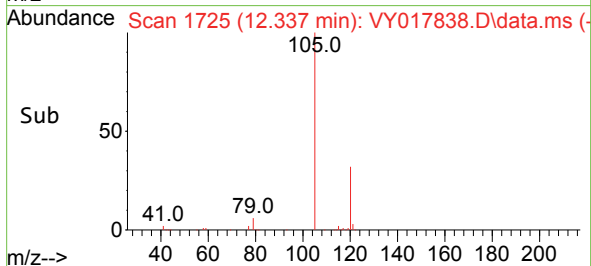
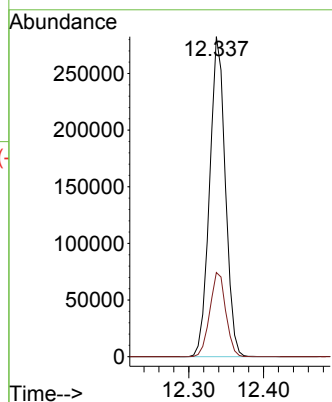
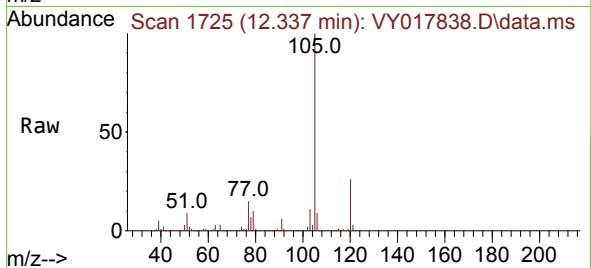
VSTDCCC050EC

Tgt Ion:105 Resp: 412369

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 56.804 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Tgt Ion: 43 Resp: 76295

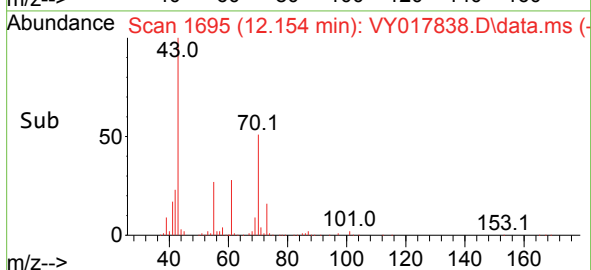
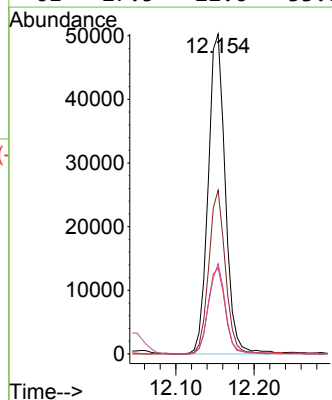
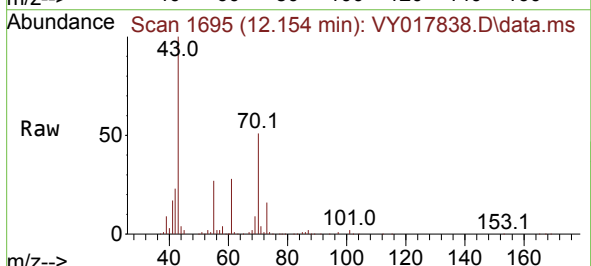
Ion Ratio Lower Upper

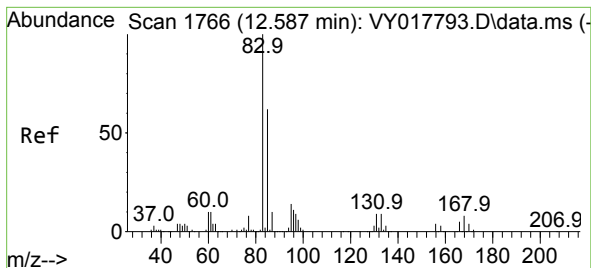
43 100

70 49.7 41.4 62.2

55 27.1 23.3 34.9

61 27.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.346 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

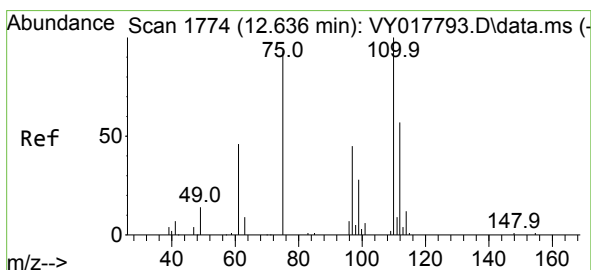
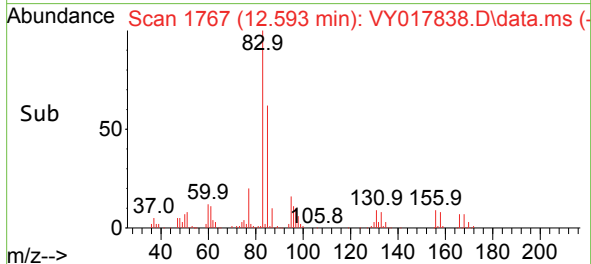
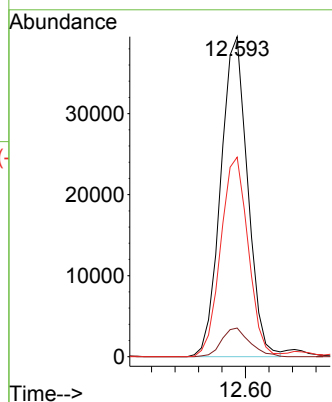
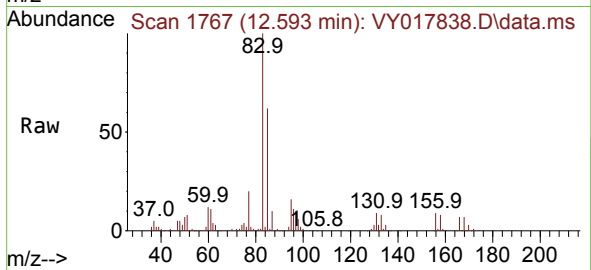
Tgt Ion: 83 Resp: 62850

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 63.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 93.717 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017838.D

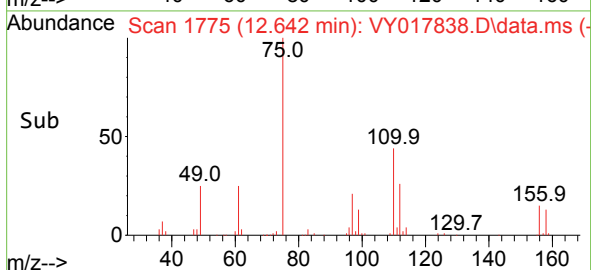
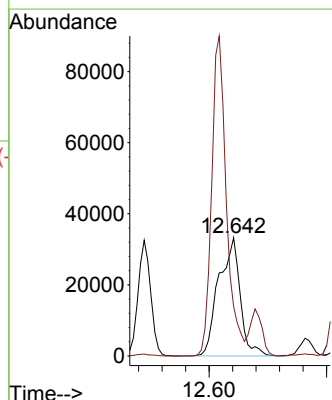
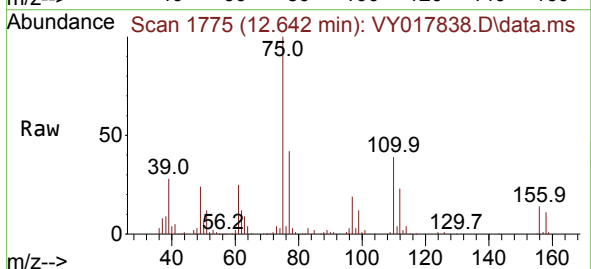
Acq: 03 Apr 2024 16:30

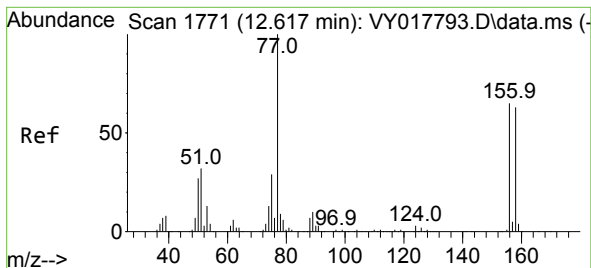
Tgt Ion: 75 Resp: 84583

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.838 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

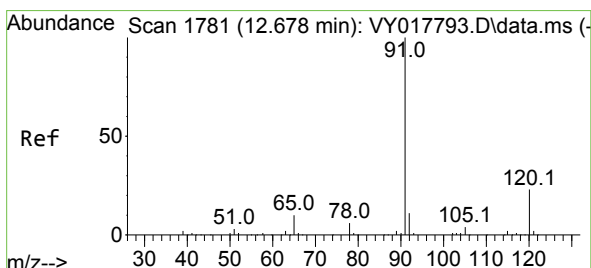
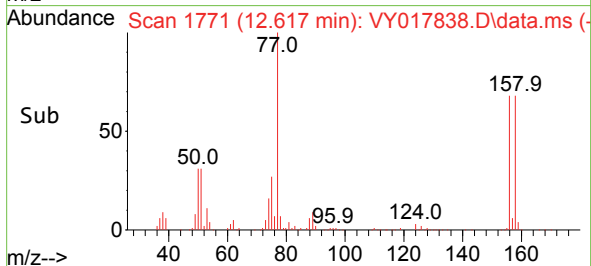
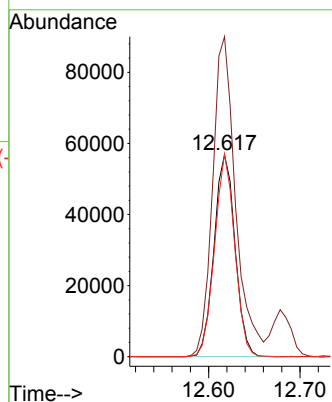
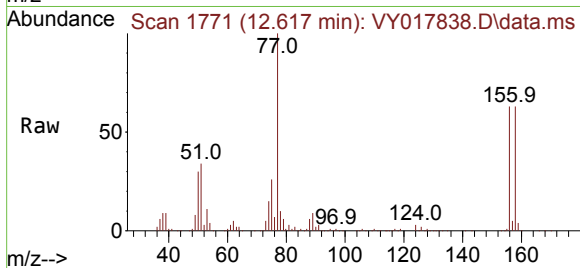
Tgt Ion:156 Resp: 90652

Ion Ratio Lower Upper

156 100

77 173.1 87.1 261.3

158 95.9 48.6 145.9



#78

n-propylbenzene

Concen: 58.531 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017838.D

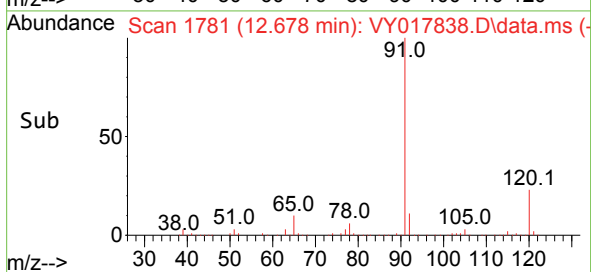
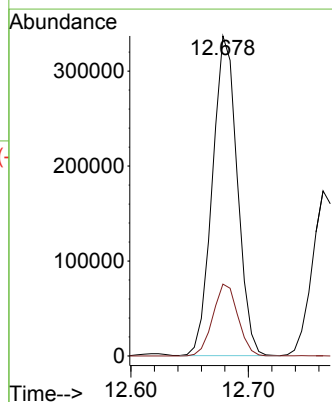
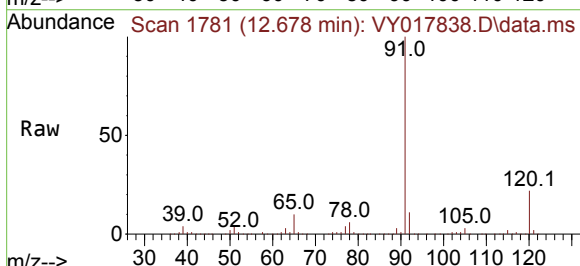
Acq: 03 Apr 2024 16:30

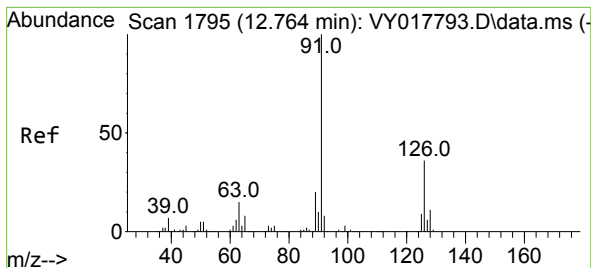
Tgt Ion: 91 Resp: 495720

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 57.626 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

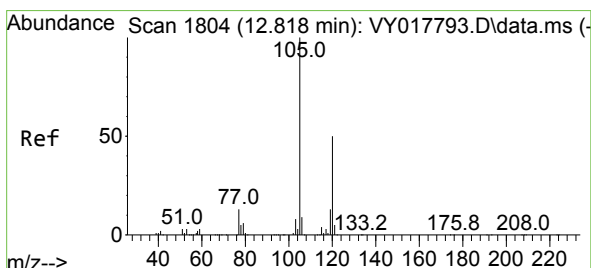
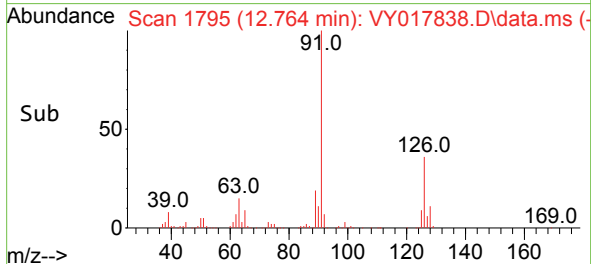
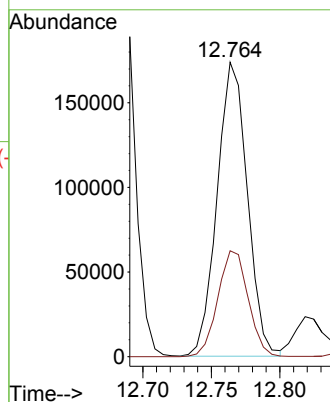
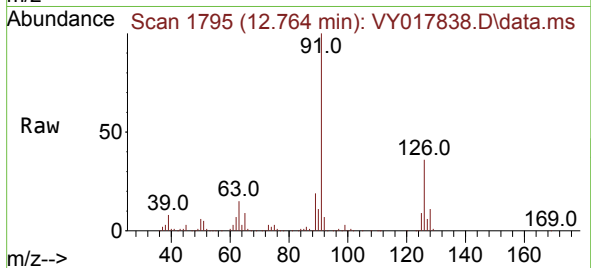
VSTDCCC050EC

Tgt Ion: 91 Resp: 267336

Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 58.562 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017838.D

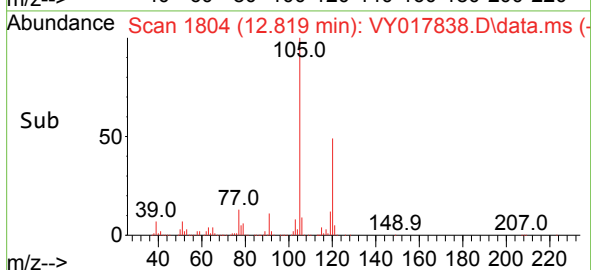
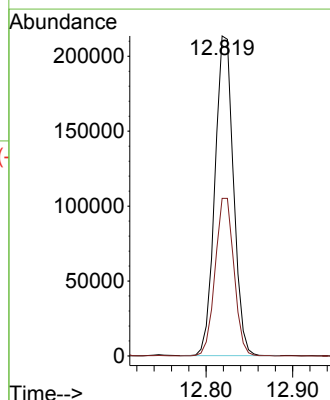
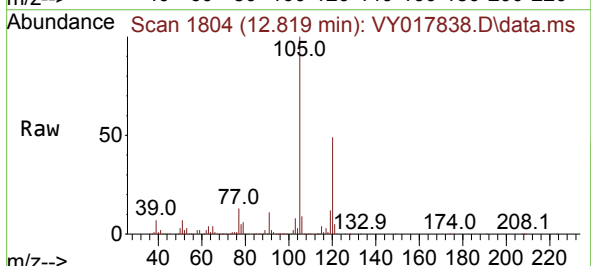
Acq: 03 Apr 2024 16:30

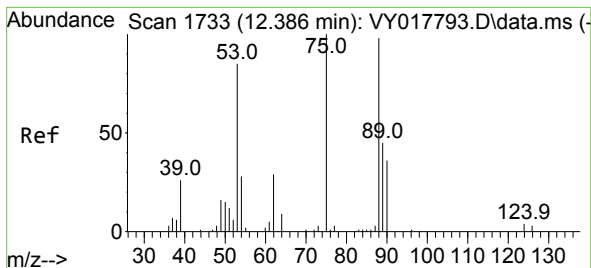
Tgt Ion: 105 Resp: 317226

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

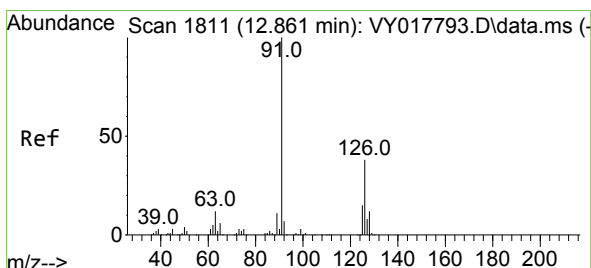
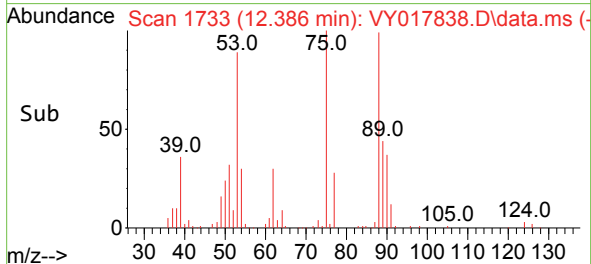
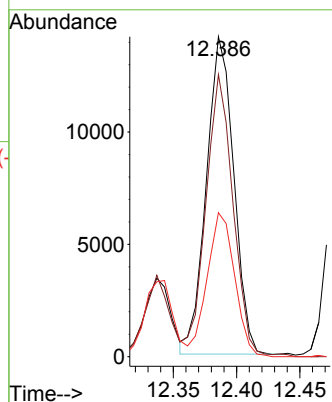
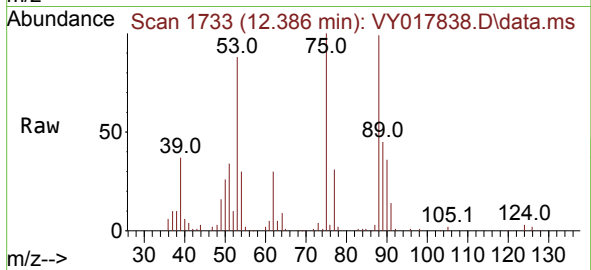




#81
trans-1,4-Dichloro-2-butene
Concen: 54.301 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

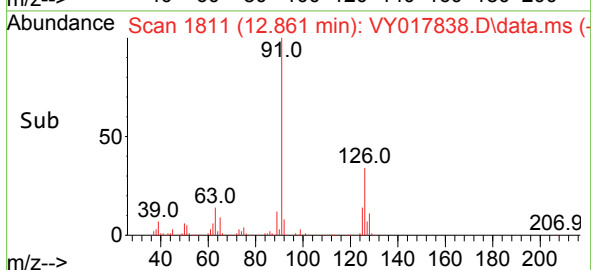
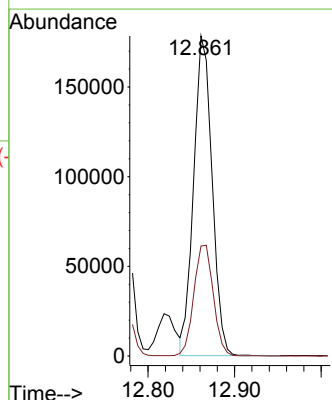
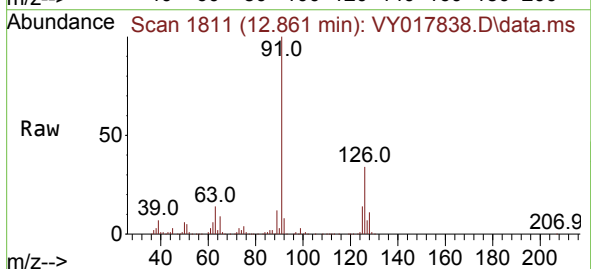
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

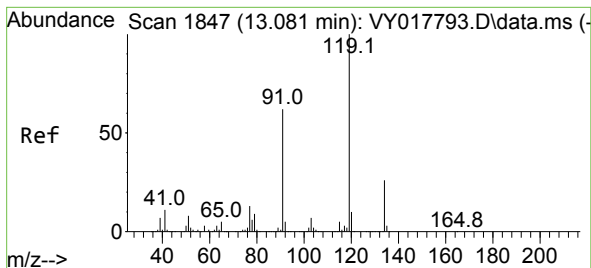
Tgt Ion:	75	Resp:	21323
Ion	Ratio	Lower	Upper
75	100		
53	88.4	66.8	100.2
89	45.4	35.8	53.6



#82
4-Chlorotoluene
Concen: 54.899 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion:	91	Resp:	263714
Ion	Ratio	Lower	Upper
91	100		
126	36.6	17.6	52.9





#83

tert-Butylbenzene

Concen: 59.194 ug/l

RT: 13.081 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

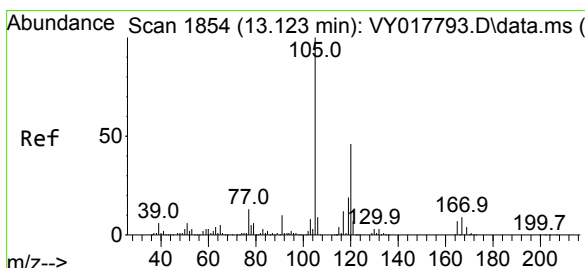
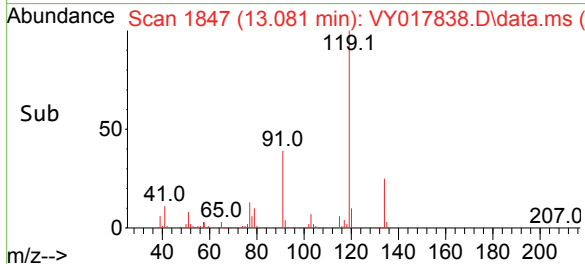
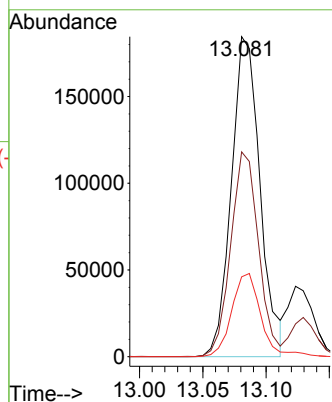
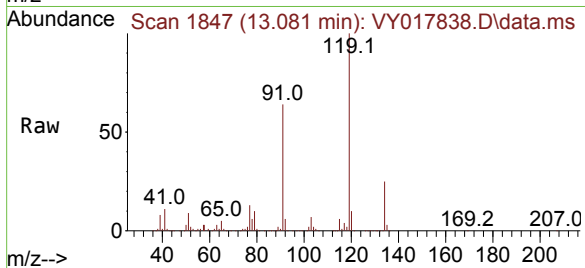
Tgt Ion:119 Resp: 291518

Ion Ratio Lower Upper

119 100

91 62.1 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 58.829 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017838.D

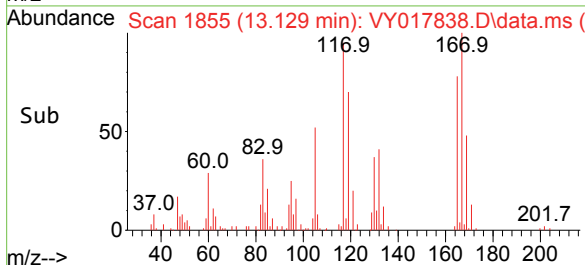
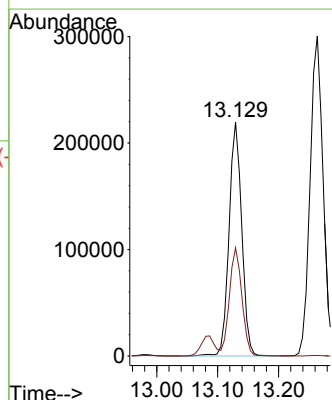
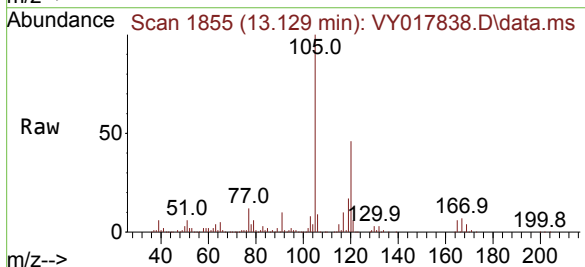
Acq: 03 Apr 2024 16:30

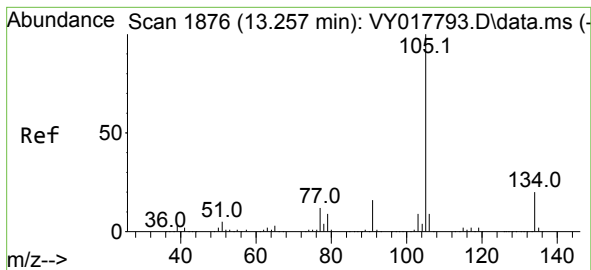
Tgt Ion:105 Resp: 317376

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 59.900 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

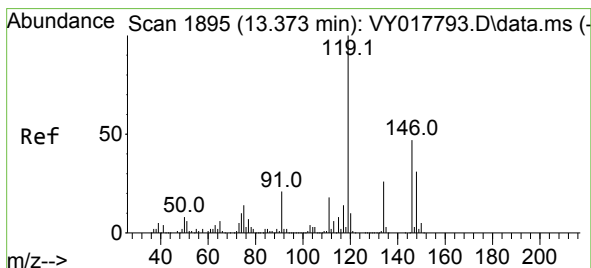
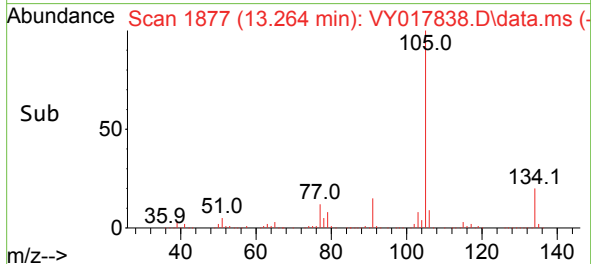
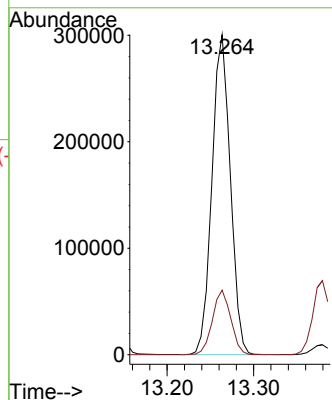
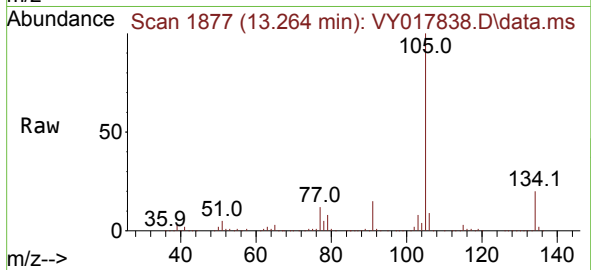
VSTDCCC050EC

Tgt Ion:105 Resp: 442764

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 58.842 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

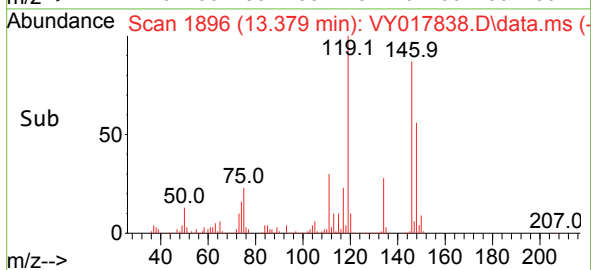
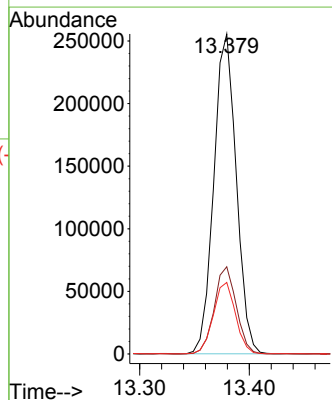
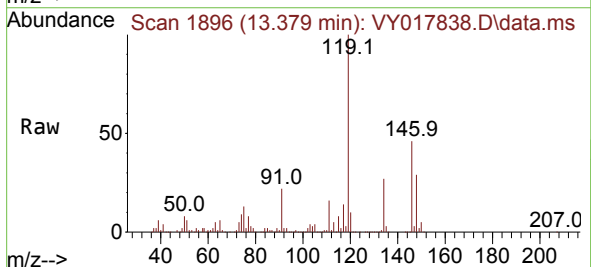
Tgt Ion:119 Resp: 363557

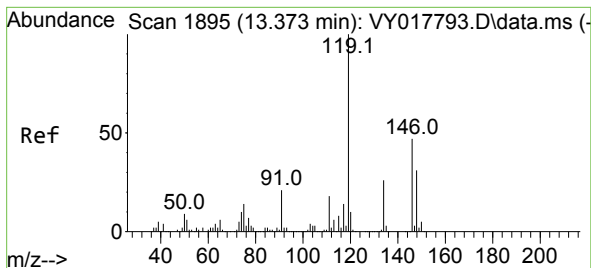
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.392 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

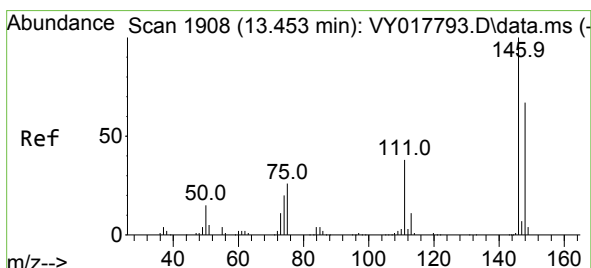
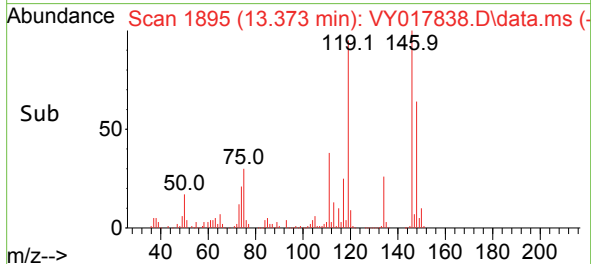
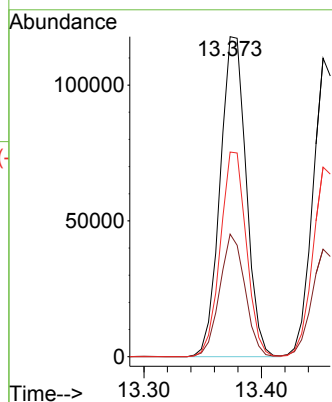
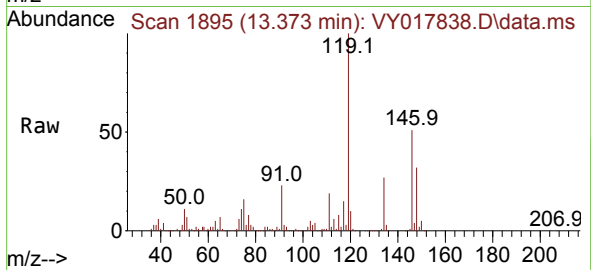
Tgt Ion:146 Resp: 181696

Ion Ratio Lower Upper

146 100

111 37.2 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.126 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

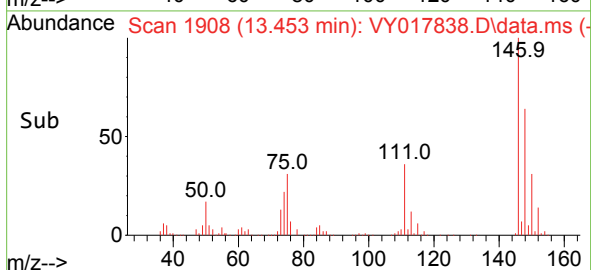
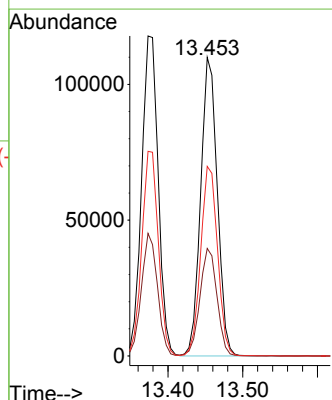
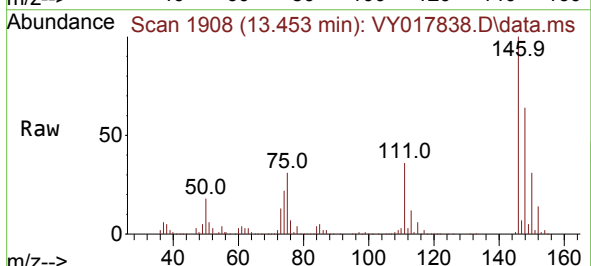
Tgt Ion:146 Resp: 169934

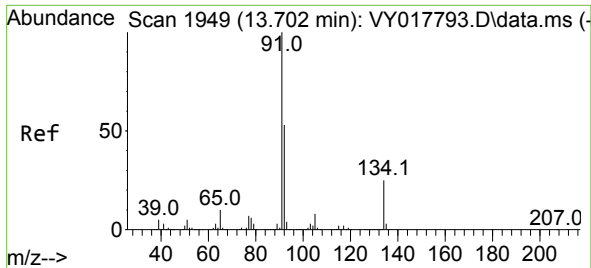
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.4

148 64.6 32.4 97.2

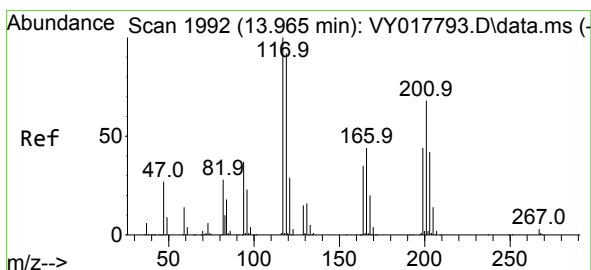
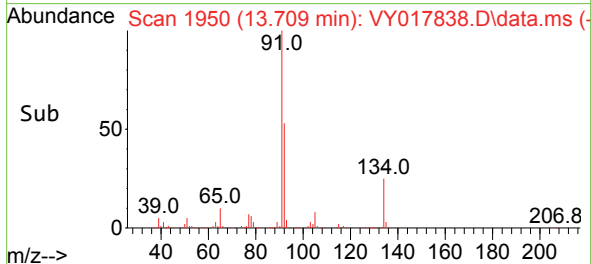
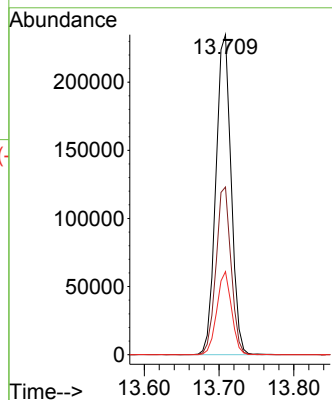
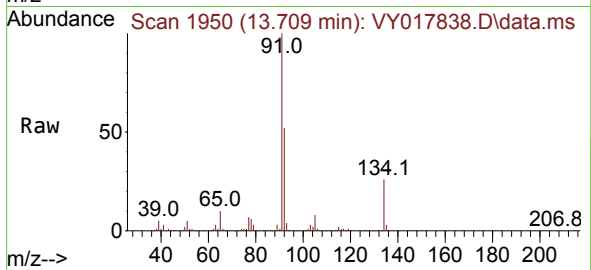




#89
n-Butylbenzene
Concen: 58.630 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

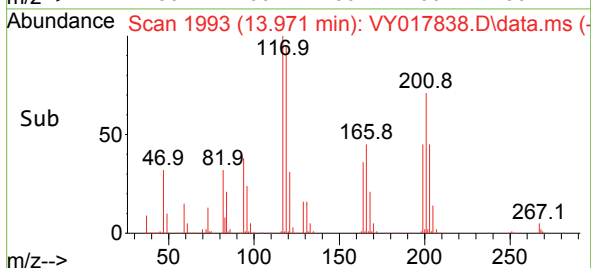
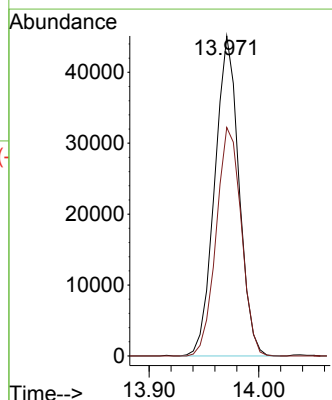
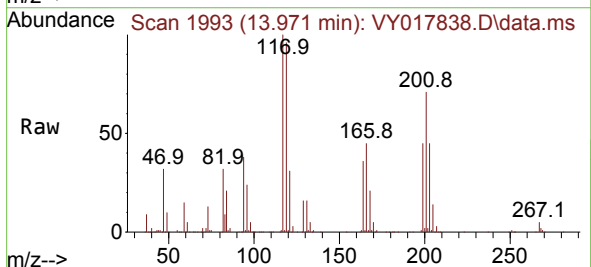
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

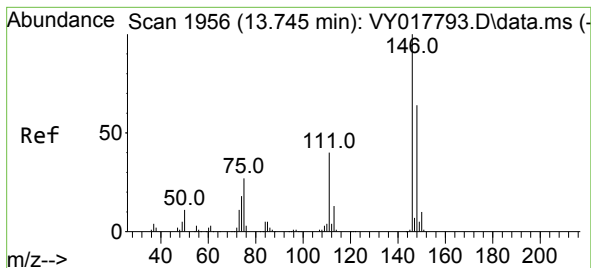
Tgt Ion: 91 Resp: 333283
Ion Ratio Lower Upper
91 100
92 51.7 26.6 79.7
134 25.0 12.9 38.7



#90
Hexachloroethane
Concen: 56.433 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 117 Resp: 69333
Ion Ratio Lower Upper
117 100
201 73.8 37.4 112.2

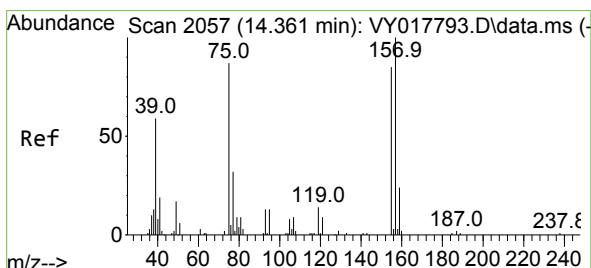
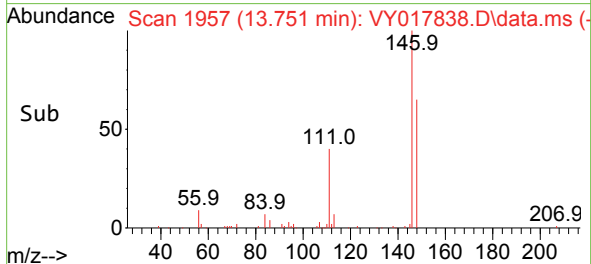
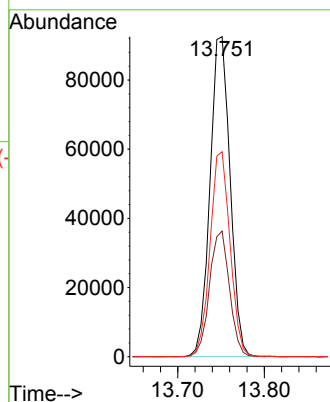
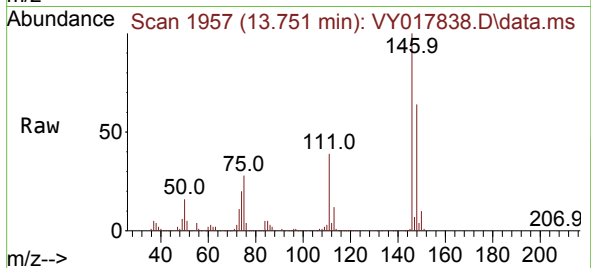




#91
1,2-Dichlorobenzene
Concen: 54.799 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

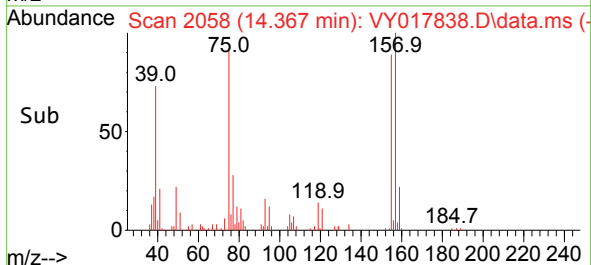
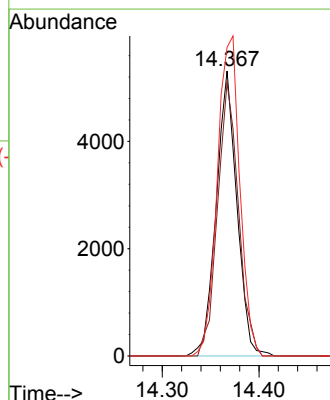
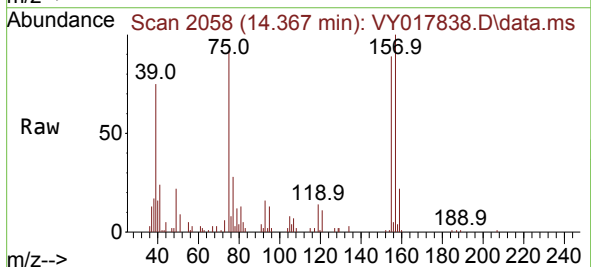
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

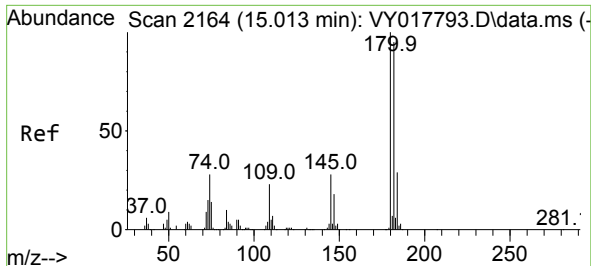
Tgt Ion:146 Resp: 148998
Ion Ratio Lower Upper
146 100
111 39.1 19.9 59.7
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.537 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion: 75 Resp: 7875
Ion Ratio Lower Upper
75 100
155 96.8 48.6 145.8
157 122.3 62.7 188.2

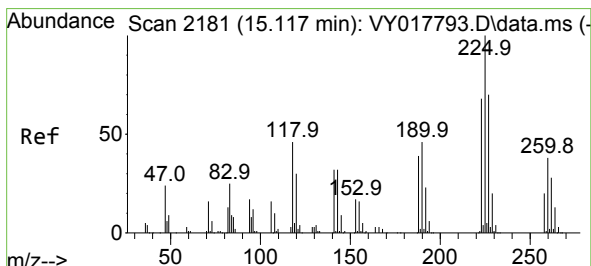
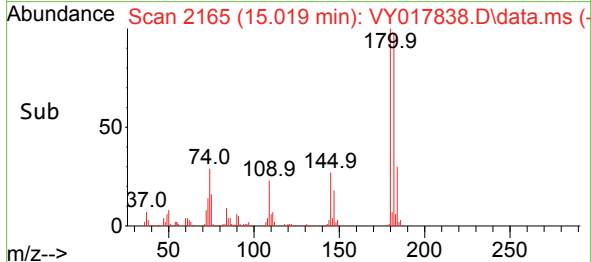
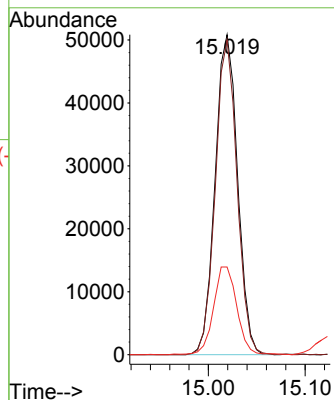
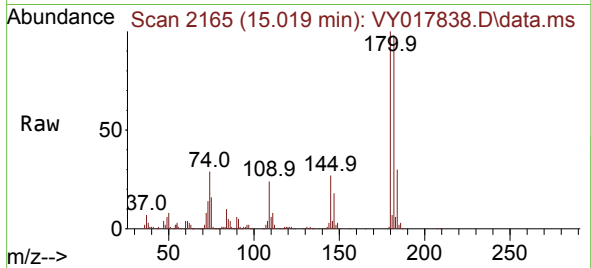




#93
1,2,4-Trichlorobenzene
Concen: 55.003 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

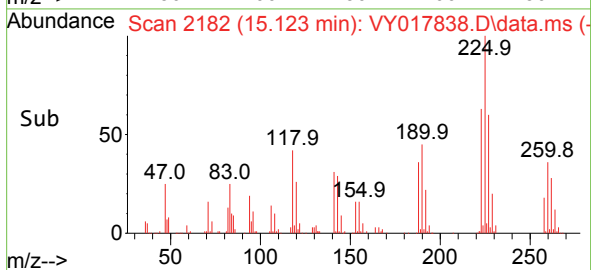
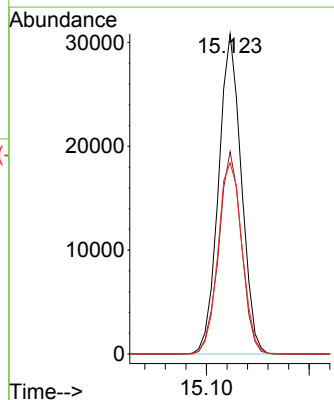
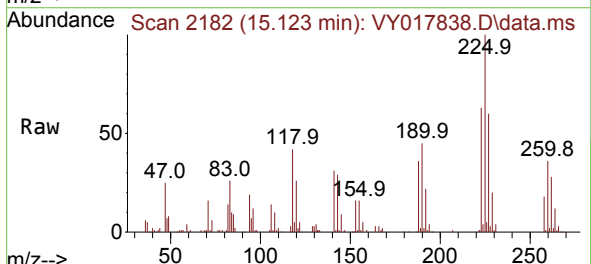
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

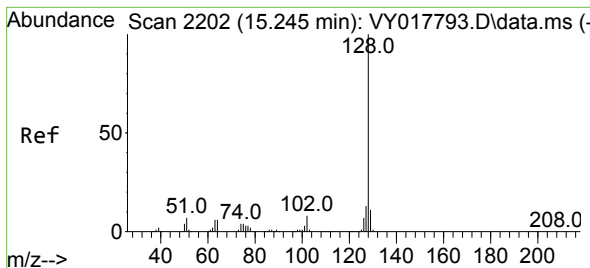
Tgt Ion:180 Resp: 81914
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.8
145 28.6 14.2 42.6



#94
Hexachlorobutadiene
Concen: 52.449 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY017838.D
Acq: 03 Apr 2024 16:30

Tgt Ion:225 Resp: 47351
Ion Ratio Lower Upper
225 100
223 62.6 30.4 91.2
227 63.3 31.9 95.9





#95

Naphthalene

Concen: 57.201 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

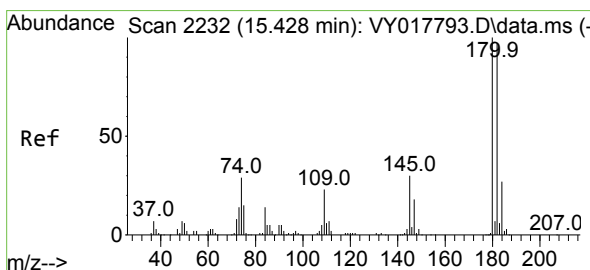
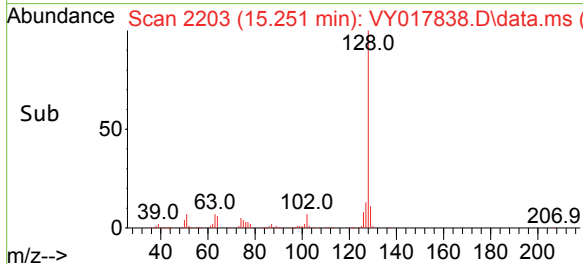
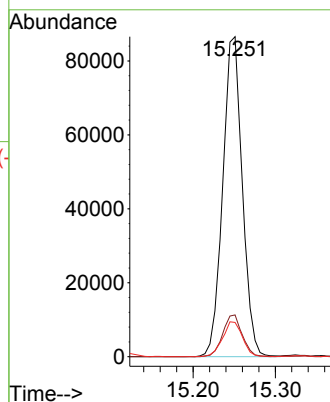
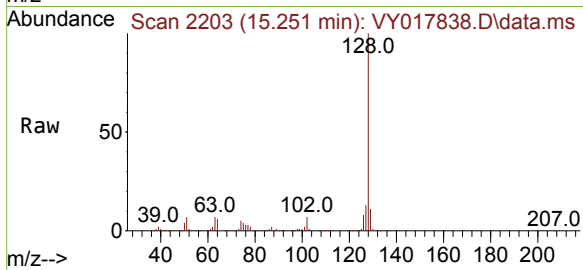
Tgt Ion:128 Resp: 143025

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.702 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017838.D

Acq: 03 Apr 2024 16:30

Tgt Ion:180 Resp: 68814

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 29.6 15.4 46.1

