

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017940.D
 Acq On : 16 Apr 2024 11:08
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 17 06:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	388630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	651634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	571646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	261082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18067	5.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.740%#
35) Dibromofluoromethane	7.722	113	20361	5.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.120%#
50) Toluene-d8	10.179	98	72317	4.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.480%#
62) 4-Bromofluorobenzene	12.483	95	22814	4.829	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17325	5.619	ug/l	94
3) Chloromethane	2.107	50	31245	6.116	ug/l	97
4) Vinyl Chloride	2.247	62	33313	5.785	ug/l	97
5) Bromomethane	2.650	94	20703	5.402	ug/l	92
6) Chloroethane	2.790	64	20670	5.686	ug/l	96
7) Trichlorofluoromethane	3.119	101	34888	5.376	ug/l	95
8) Diethyl Ether	3.521	74	11179	5.452	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	21793	5.393	ug/l	99
10) Methyl Iodide	4.088	142	27303	5.078	ug/l	99
11) Tert butyl alcohol	4.954	59	8583	22.282	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	20636	5.260	ug/l	94
13) Acrolein	3.729	56	6725	25.676	ug/l	91
14) Allyl chloride	4.479	41	26850	5.289	ug/l	92
15) Acrylonitrile	5.161	53	22365	26.862	ug/l	97
16) Acetone	3.948	43	19341	29.106	ug/l	92
17) Carbon Disulfide	4.192	76	68586	5.496	ug/l	96
18) Methyl Acetate	4.479	43	11284	6.455	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	43780	5.121	ug/l	99
20) Methylene Chloride	4.716	84	25569	5.680	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	23105	5.376	ug/l	91
22) Diisopropyl ether	6.112	45	55763	5.010	ug/l #	87
23) Vinyl Acetate	6.057	43	160366	24.298	ug/l	100
24) 1,1-Dichloroethane	6.021	63	38731	5.330	ug/l	96
25) 2-Butanone	6.990	43	24853	25.445	ug/l	90
26) 2,2-Dichloropropane	6.978	77	30342	5.204	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	25074	5.109	ug/l	96
28) Bromochloromethane	7.338	49	16047	5.614	ug/l	93
29) Tetrahydrofuran	7.344	42	15946	25.726	ug/l	94
30) Chloroform	7.508	83	40457	5.447	ug/l	92
31) Cyclohexane	7.789	56	36377	5.659	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	32585	5.268	ug/l	97
36) 1,1-Dichloropropene	7.917	75	28845	4.934	ug/l	98
37) Ethyl Acetate	7.069	43	12186	5.066	ug/l #	98
38) Carbon Tetrachloride	7.905	117	29393	4.976	ug/l	96
39) Methylcyclohexane	9.185	83	35184	4.618	ug/l	92
40) Benzene	8.161	78	92630	5.058	ug/l	98

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 17 06:04:15 2024
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 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5382	3.545	ug/l	94
42) 1,2-Dichloroethane	8.240	62	21516	5.128	ug/l	100
43) Isopropyl Acetate	8.271	43	22181	4.947	ug/l #	80
44) Trichloroethene	8.941	130	22844	4.909	ug/l	99
45) 1,2-Dichloropropane	9.215	63	21785	5.168	ug/l	100
46) Dibromomethane	9.307	93	11718	5.025	ug/l	97
47) Bromodichloromethane	9.496	83	29076	4.970	ug/l	99
48) Methyl methacrylate	9.295	41	9298	4.525	ug/l	98
49) 1,4-Dioxane	9.301	88	2550	95.793	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	57191	24.060	ug/l	94
52) Toluene	10.246	92	52807	4.699	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	24833	4.650	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	31134	4.745	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	15473	4.881	ug/l	94
56) Ethyl methacrylate	10.508	69	17552	4.247	ug/l	94
57) 1,3-Dichloropropane	10.788	76	26681	4.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	47141	21.946	ug/l	98
59) 2-Hexanone	10.831	43	35367	21.796	ug/l	96
60) Dibromochloromethane	10.983	129	19560	4.801	ug/l	99
61) 1,2-Dibromoethane	11.093	107	14341	4.855	ug/l	95
64) Tetrachloroethene	10.721	164	19630	4.794	ug/l	95
65) Chlorobenzene	11.514	112	62441	4.984	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	20066	4.857	ug/l	98
67) Ethyl Benzene	11.593	91	98284	4.659	ug/l	99
68) m/p-Xylenes	11.703	106	73677	9.093	ug/l	100
69) o-Xylene	12.032	106	33741	4.459	ug/l	98
70) Styrene	12.044	104	54733	4.280	ug/l	98
71) Bromoform	12.209	173	11549	4.839	ug/l #	97
73) Isopropylbenzene	12.331	105	86882	4.567	ug/l	100
74) N-amyl acetate	12.142	43	17319	4.510	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	18406	5.188	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21722	8.889	ug/l #	100
77) Bromobenzene	12.611	156	22398	4.865	ug/l	96
78) n-propylbenzene	12.672	91	107057	4.638	ug/l	99
79) 2-Chlorotoluene	12.758	91	62598	4.845	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	68094	4.514	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	5544	4.666	ug/l	97
82) 4-Chlorotoluene	12.855	91	65022	4.859	ug/l	97
83) tert-Butylbenzene	13.075	119	61886	4.492	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	67479	4.492	ug/l	99
85) sec-Butylbenzene	13.251	105	97262	4.700	ug/l	99
86) p-Isopropyltoluene	13.367	119	74593	4.387	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	45355	4.965	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	46144	5.146	ug/l	96
89) n-Butylbenzene	13.696	91	73393	4.588	ug/l	99
90) Hexachloroethane	13.959	117	17411	4.993	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	39463	5.008	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2386	5.228	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	21610	4.709	ug/l	100
94) Hexachlorobutadiene	15.111	225	13392	4.919	ug/l	99
95) Naphthalene	15.233	128	31995	4.231	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	18022	4.680	ug/l	98

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Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

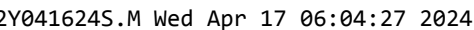
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

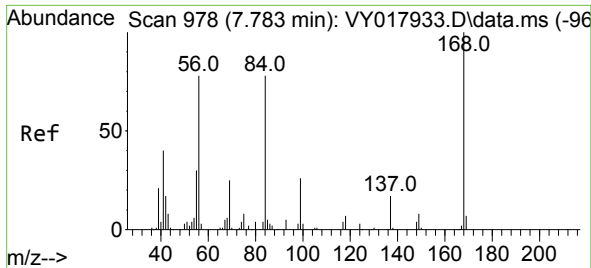
Quant Time: Apr 17 06:04:15 2024
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:02:45 2024
Response via : Initial Calibration

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

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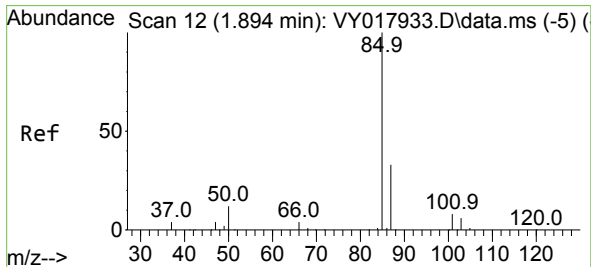
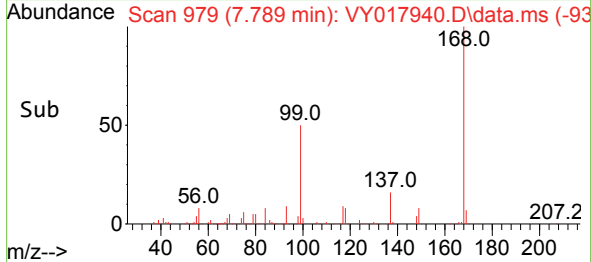
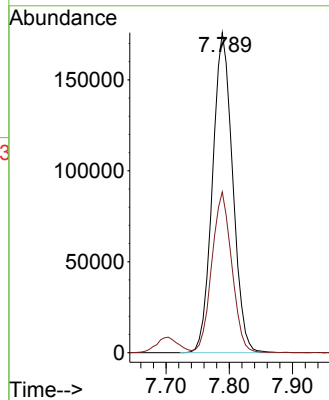
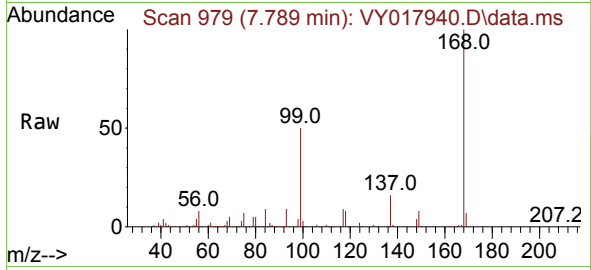




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017940.D
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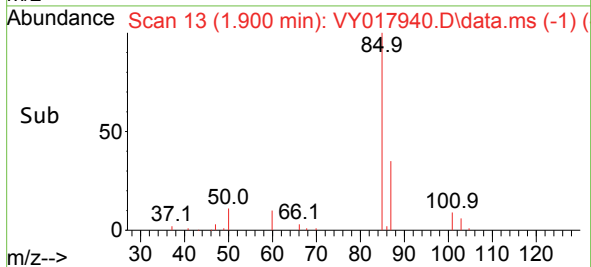
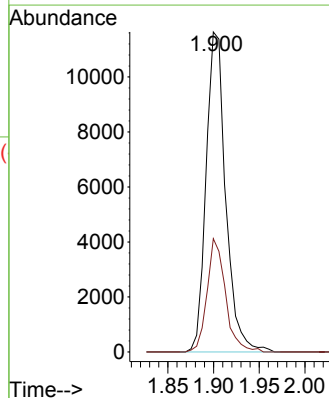
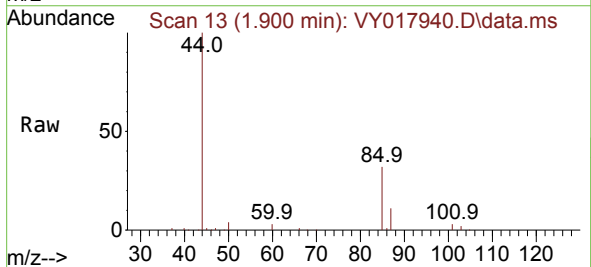
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

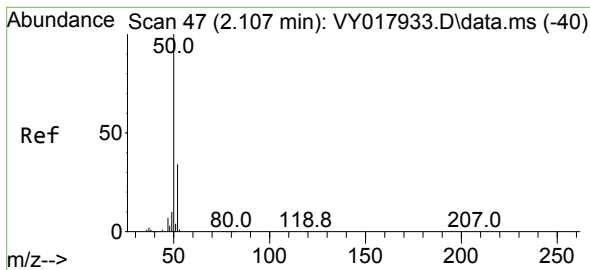
Tgt Ion:168 Resp: 388630
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 5.619 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 85 Resp: 17325
Ion Ratio Lower Upper
85 100
87 35.4 16.0 48.0

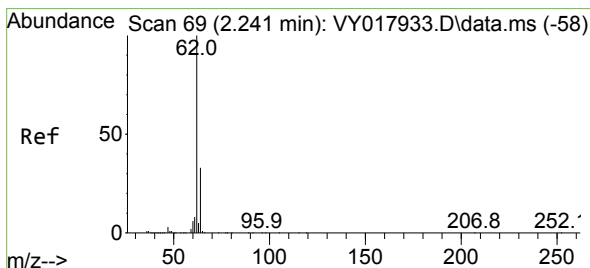
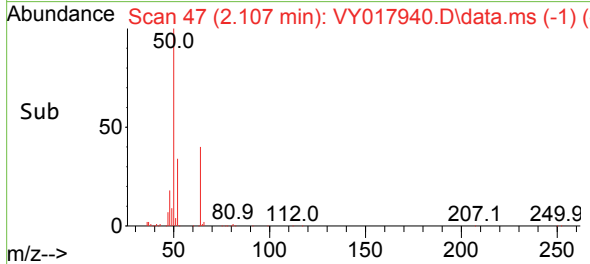
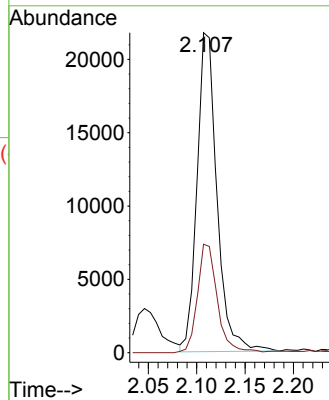
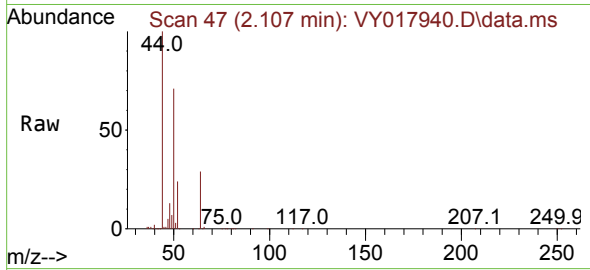




#3
Chloromethane
Concen: 6.116 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

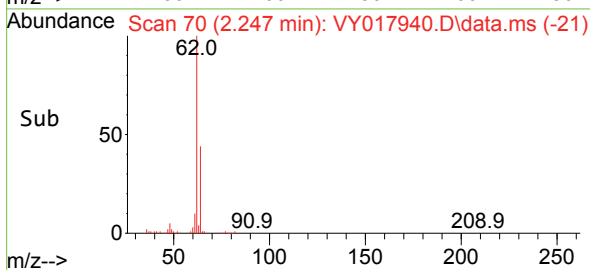
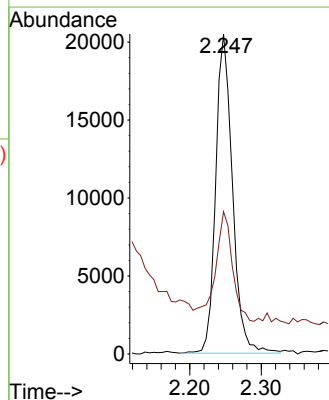
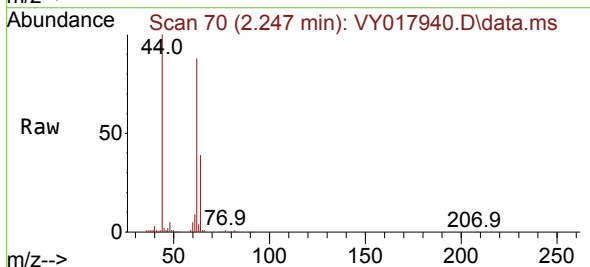
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

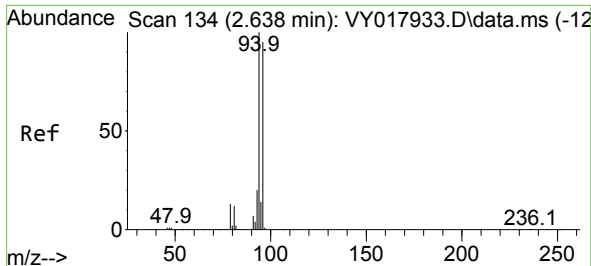
Tgt Ion: 50 Resp: 31245
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 5.785 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 62 Resp: 33313
Ion Ratio Lower Upper
62 100
64 34.2 26.1 39.1

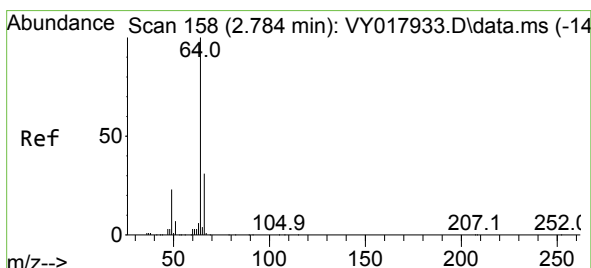
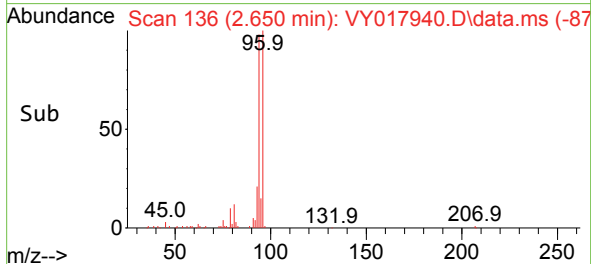
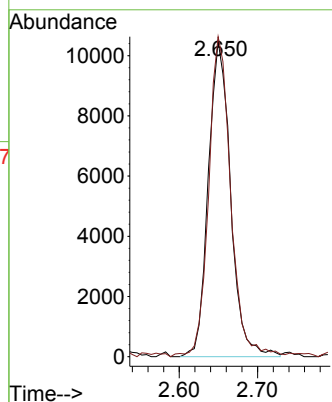
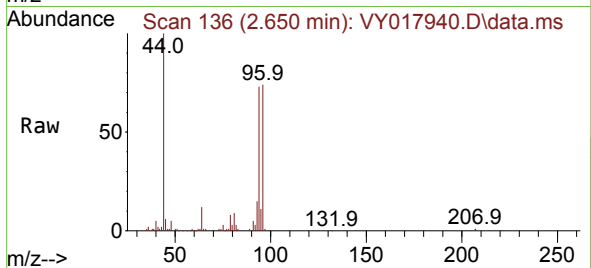




#5
Bromomethane
Concen: 5.402 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

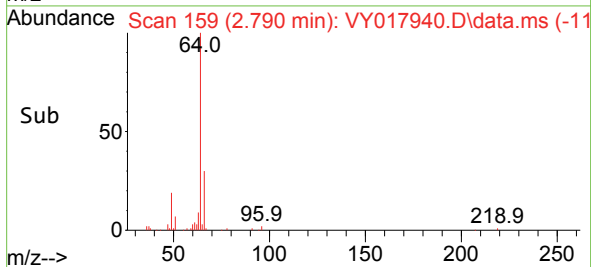
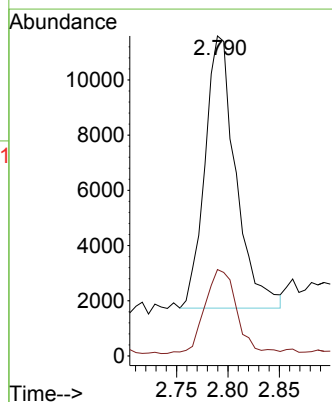
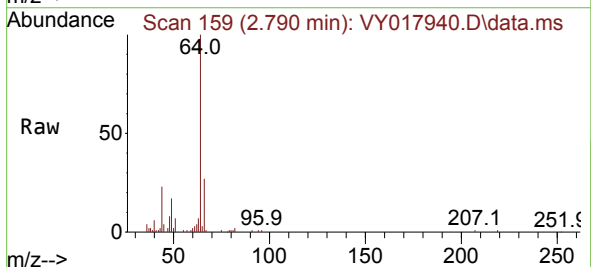
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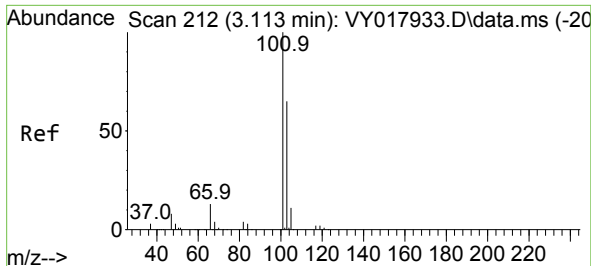
Tgt Ion: 94 Resp: 20703
Ion Ratio Lower Upper
94 100
96 100.6 74.1 111.1



#6
Chloroethane
Concen: 5.686 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 64 Resp: 20670
Ion Ratio Lower Upper
64 100
66 30.3 26.1 39.1

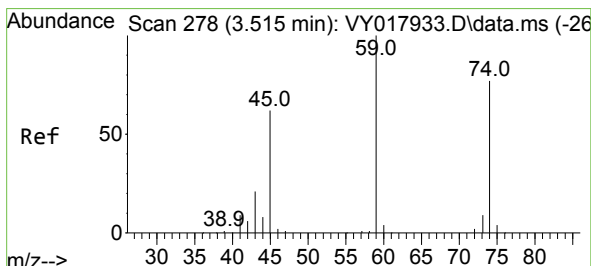
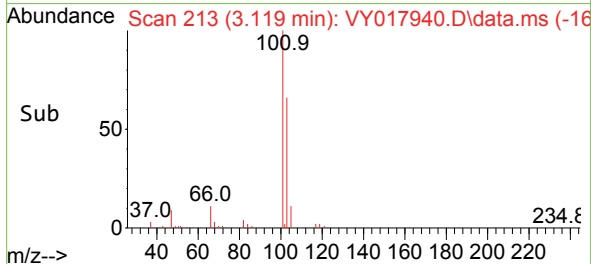
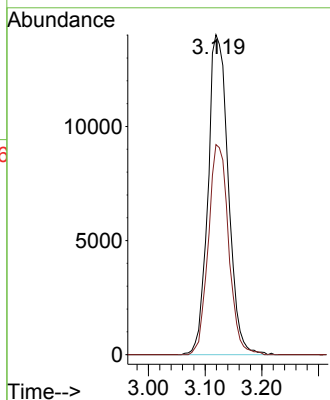
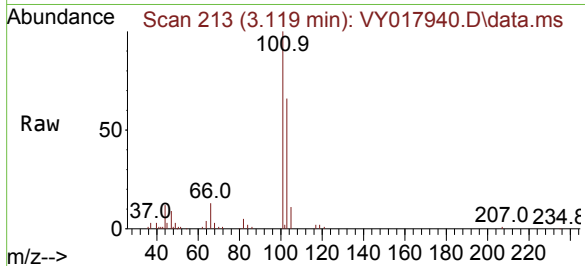




#7
 Trichlorofluoromethane
 Concen: 5.376 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

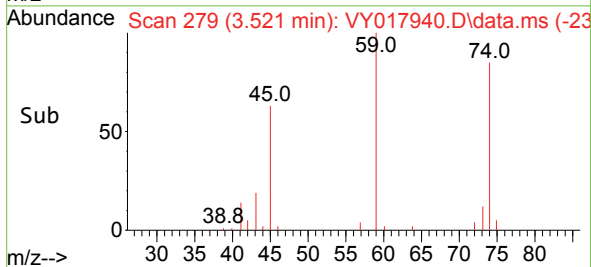
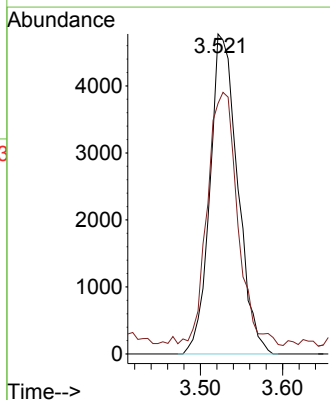
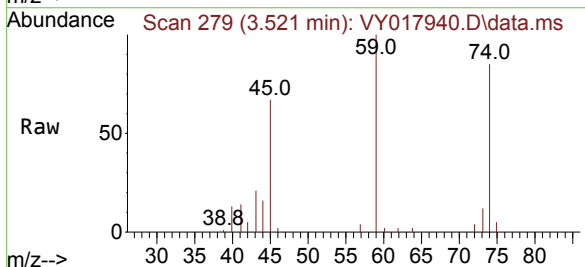
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

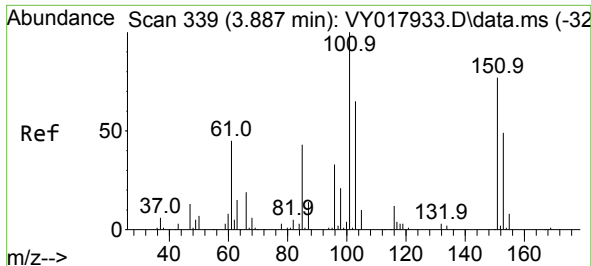
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 Ion Ratio Lower Upper
 101 100
 103 65.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 5.452 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

Tgt Ion: 74 Resp: 11179
 Ion Ratio Lower Upper
 74 100
 45 86.6 41.3 124.1

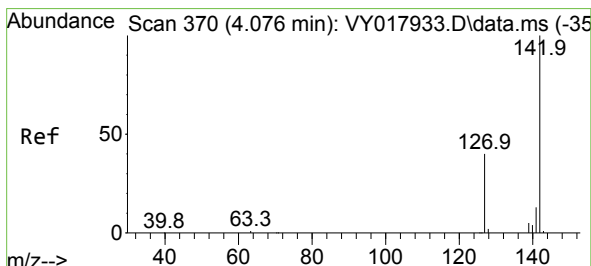
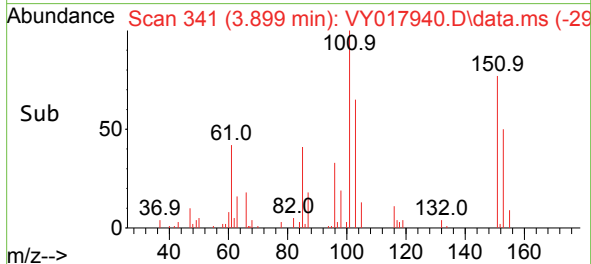
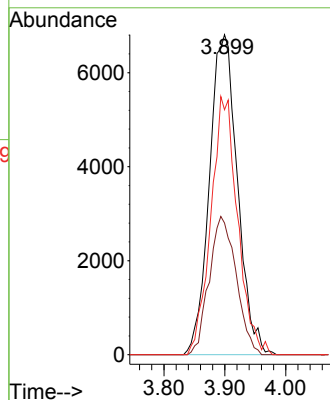
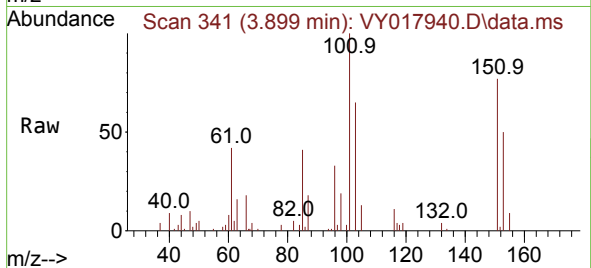




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.393 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

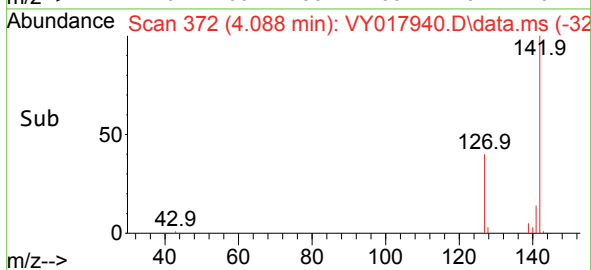
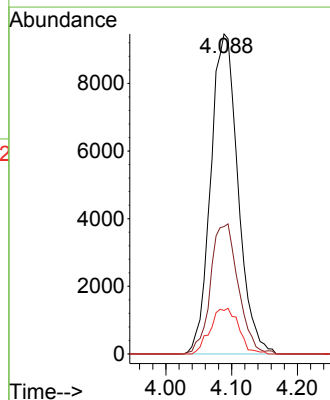
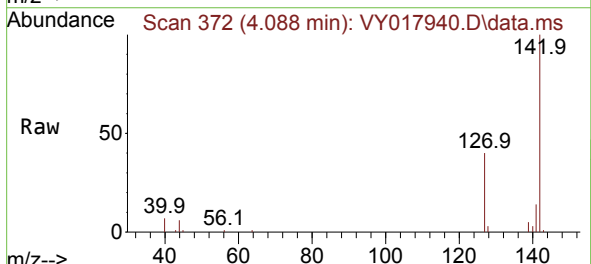
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

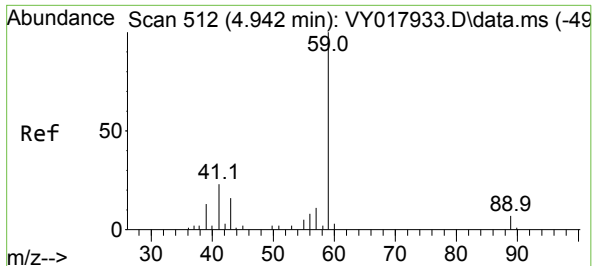
Tgt Ion:101 Resp: 21793
Ion Ratio Lower Upper
101 100
85 41.6 34.5 51.7
151 76.9 61.7 92.5



#10
Methyl Iodide
Concen: 5.078 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion:142 Resp: 27303
Ion Ratio Lower Upper
142 100
127 41.3 32.8 49.2
141 14.9 11.4 17.2

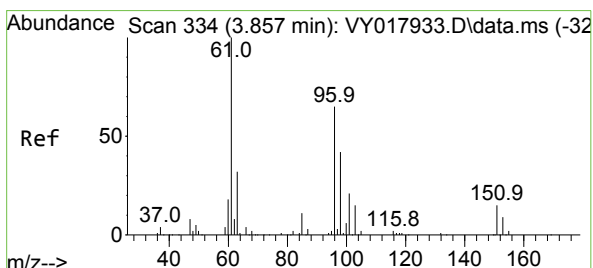
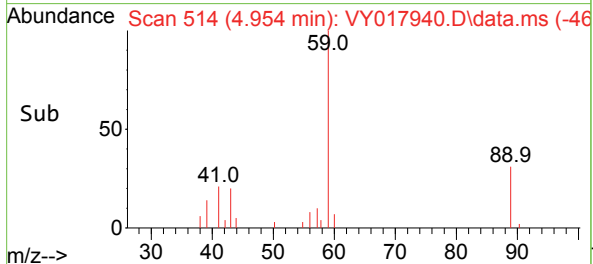
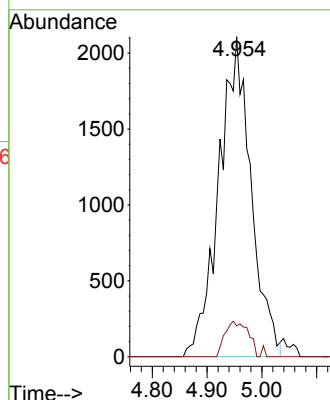
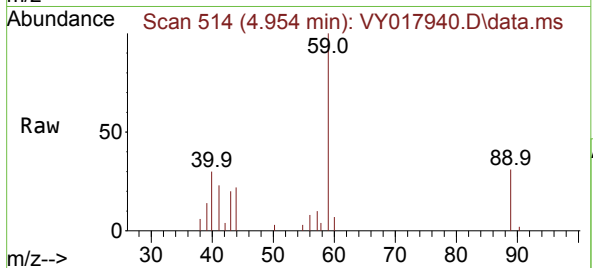




#11
Tert butyl alcohol
Concen: 22.282 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

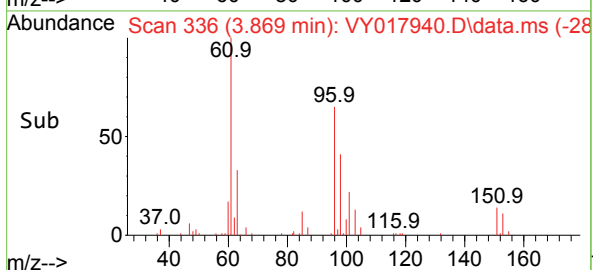
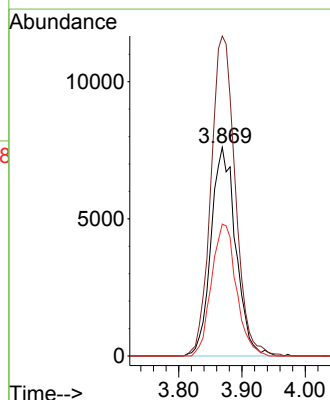
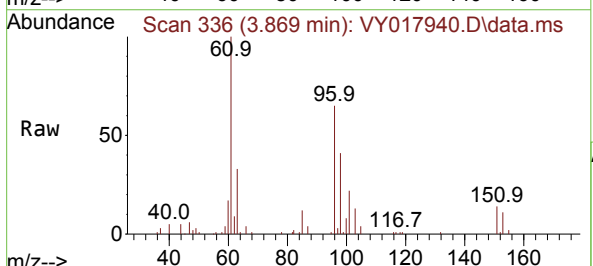
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

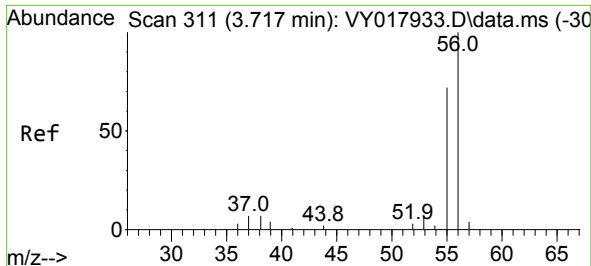
Tgt Ion: 59 Resp: 8583
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 5.260 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 96 Resp: 20636
Ion Ratio Lower Upper
96 100
61 153.4 114.6 171.8
98 63.2 50.8 76.2





#13

Acrolein

Concen: 25.676 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

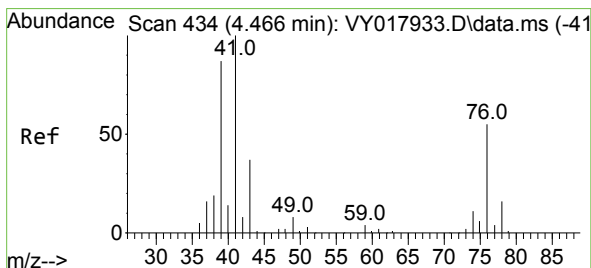
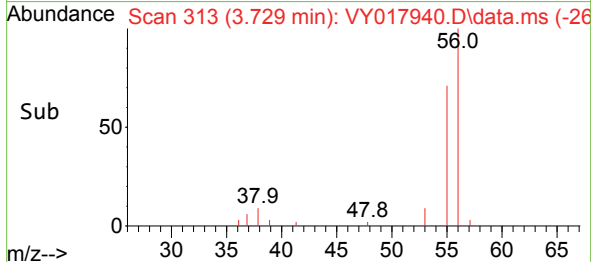
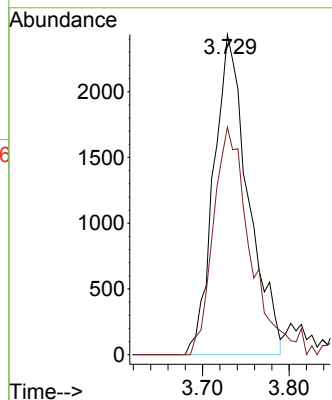
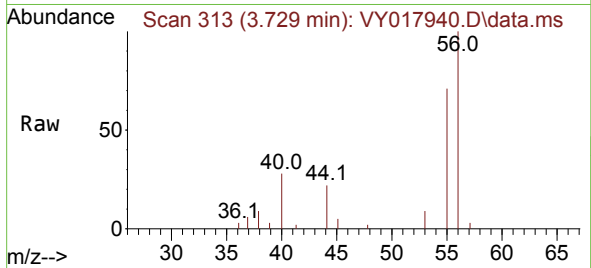
VSTDICC005

Tgt Ion: 56 Resp: 6725

Ion Ratio Lower Upper

56 100

55 76.6 55.7 83.5



#14

Allyl chloride

Concen: 5.289 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

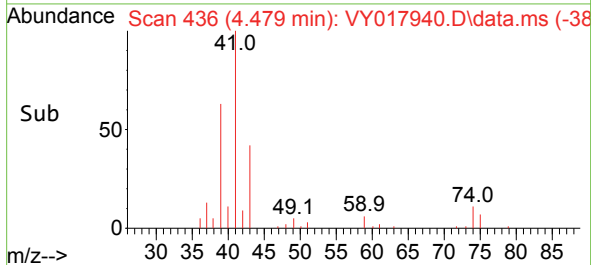
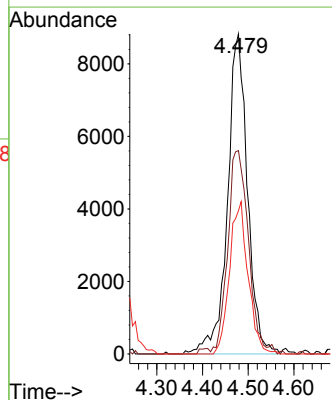
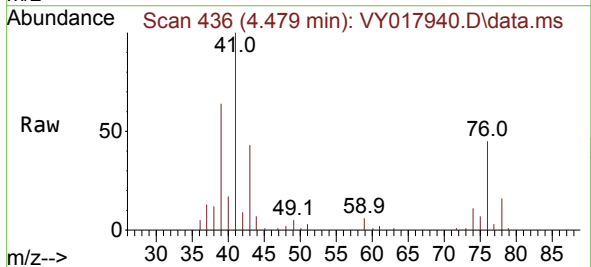
Tgt Ion: 41 Resp: 26850

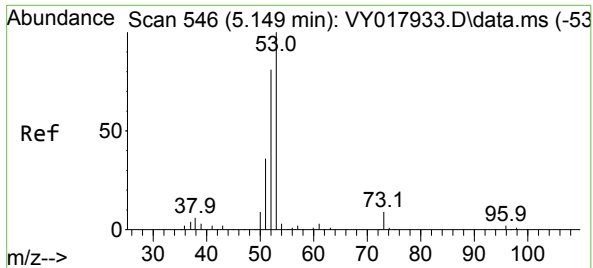
Ion Ratio Lower Upper

41 100

39 65.9 58.3 87.5

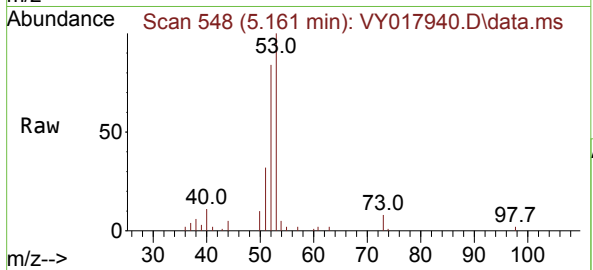
76 44.2 39.0 58.6



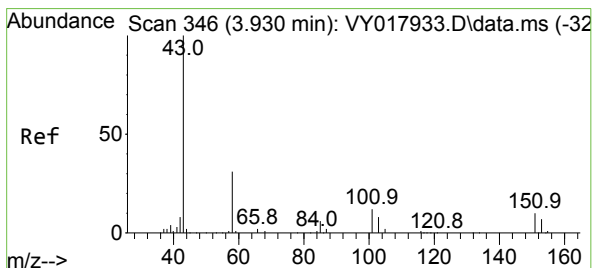
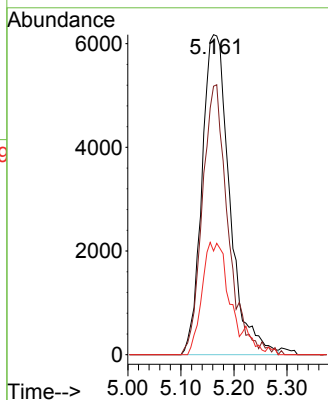
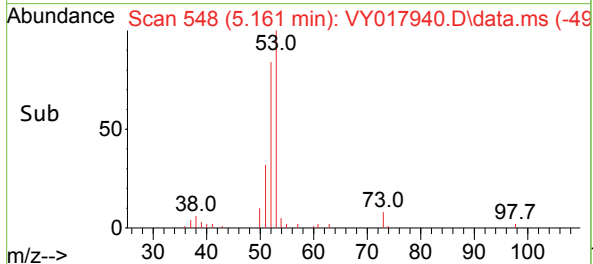


#15
Acrylonitrile
Concen: 26.862 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

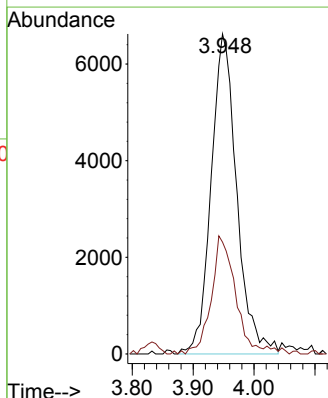
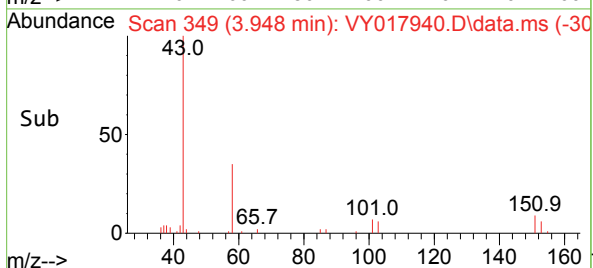
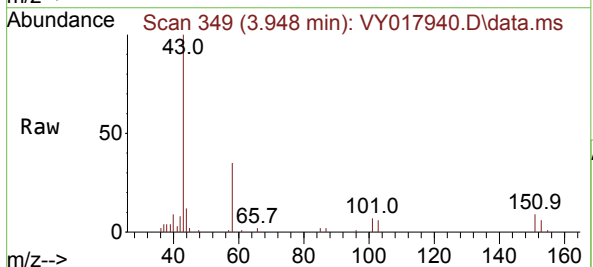


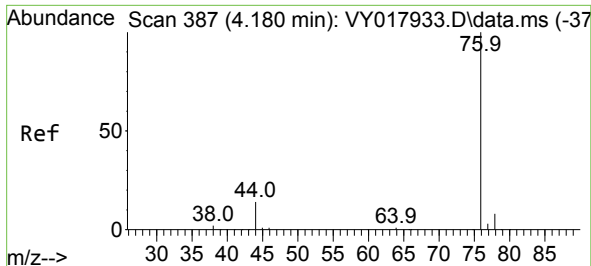
Tgt Ion: 53 Resp: 22365
Ion Ratio Lower Upper
53 100
52 78.2 64.7 97.1
51 33.6 28.4 42.6



#16
Acetone
Concen: 29.106 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 43 Resp: 19341
Ion Ratio Lower Upper
43 100
58 34.9 31.7 47.5

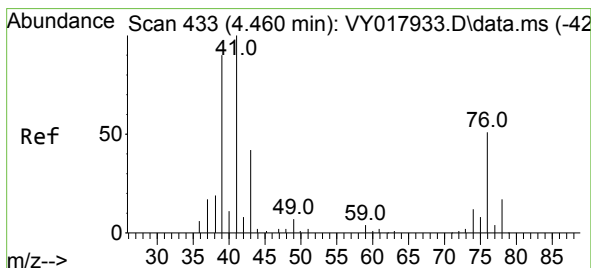
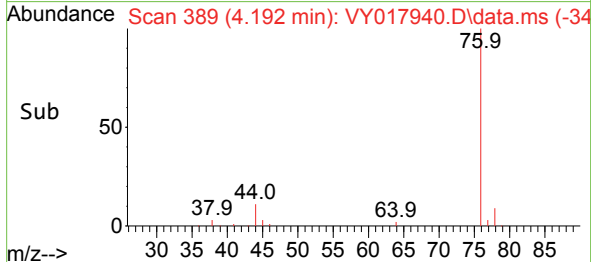
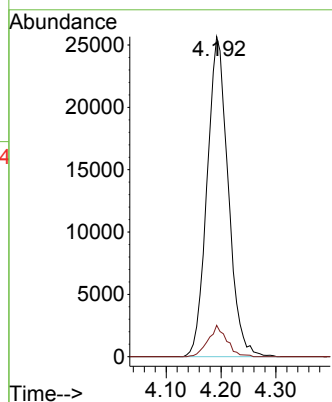
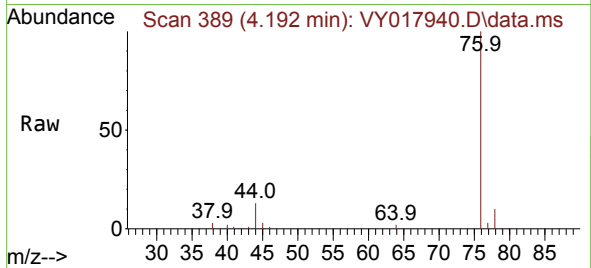




#17
Carbon Disulfide
Concen: 5.496 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

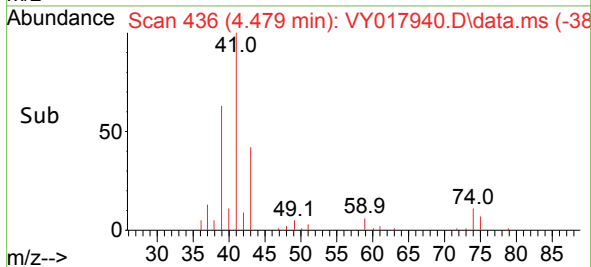
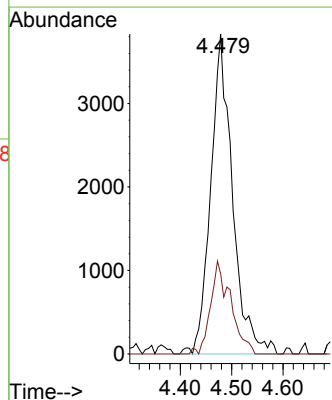
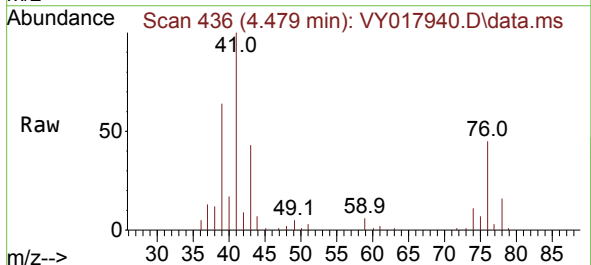
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

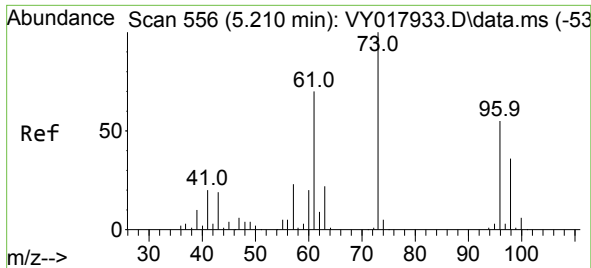
Tgt Ion: 76 Resp: 68586
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 6.455 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 43 Resp: 11284
Ion Ratio Lower Upper
43 100
74 27.0 23.3 34.9

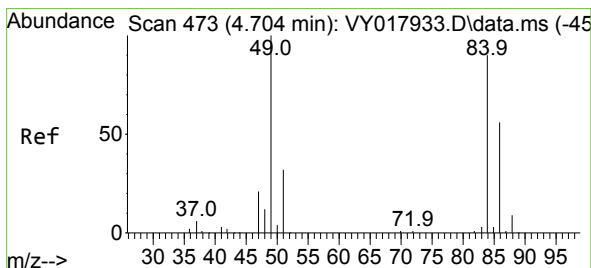
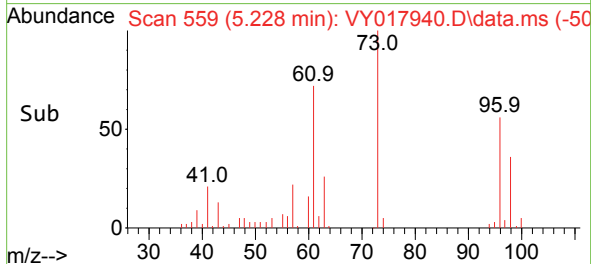
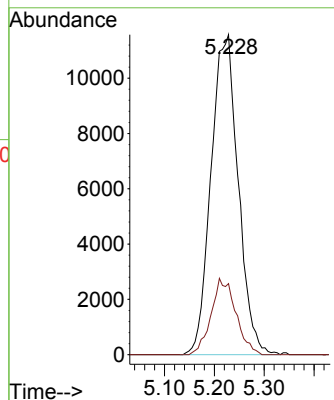
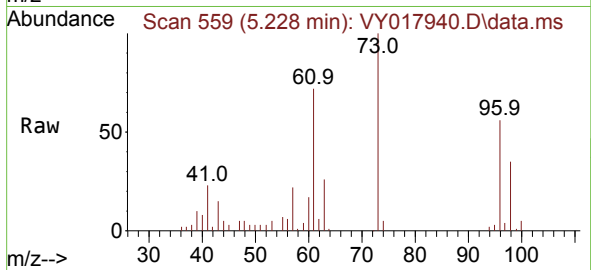




#19
Methyl tert-butyl Ether
Concen: 5.121 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

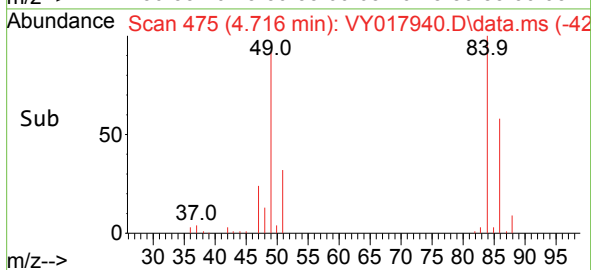
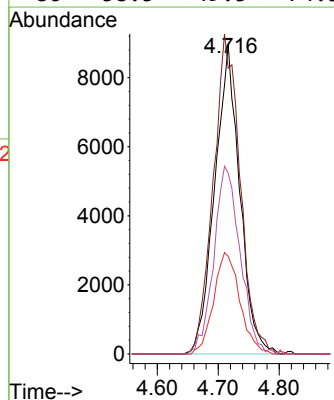
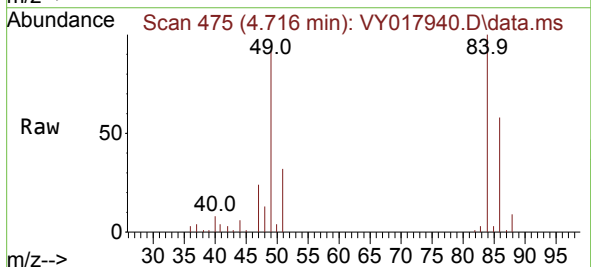
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

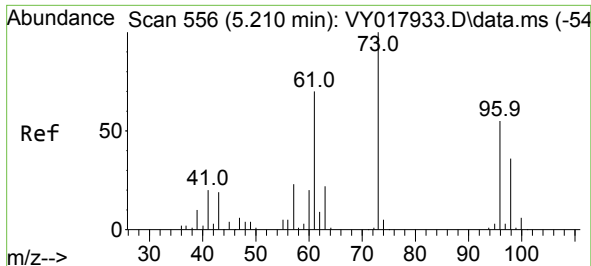
Tgt Ion: 73 Resp: 43780
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 5.680 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 84 Resp: 25569
Ion Ratio Lower Upper
84 100
49 92.4 84.4 126.6
51 31.6 26.0 39.0
86 58.5 49.5 74.3

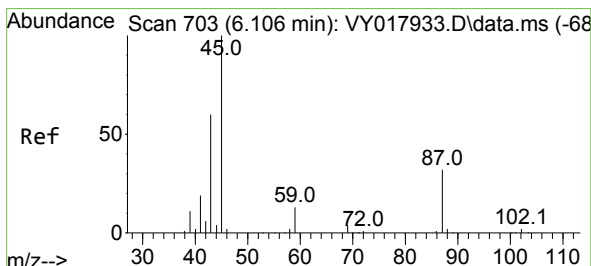
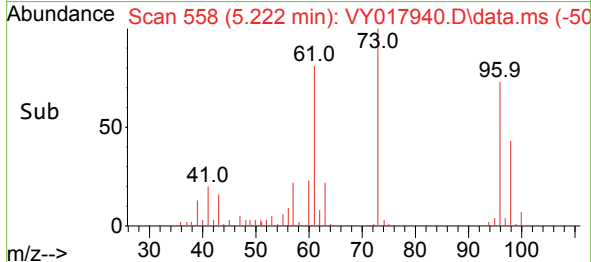
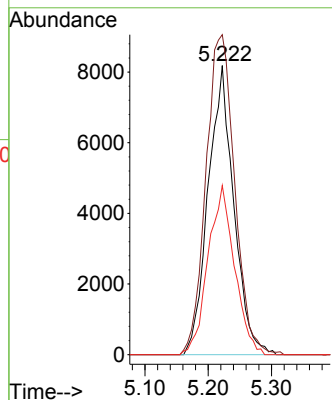
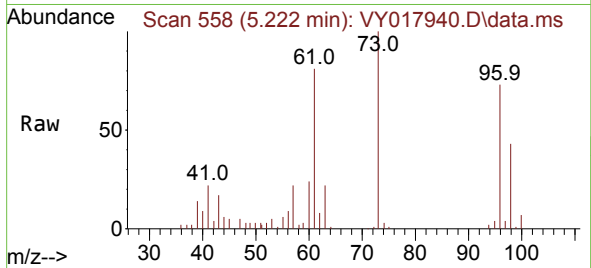




#21
trans-1,2-Dichloroethene
Concen: 5.376 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

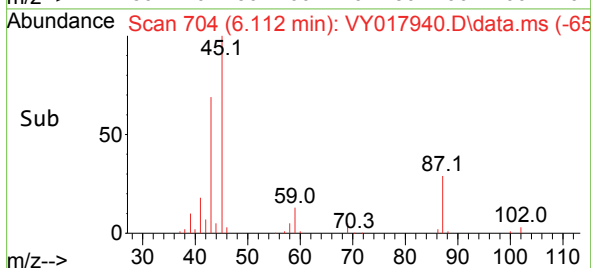
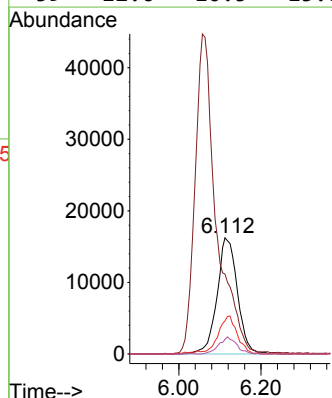
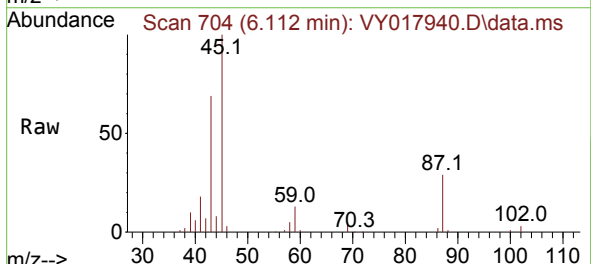
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

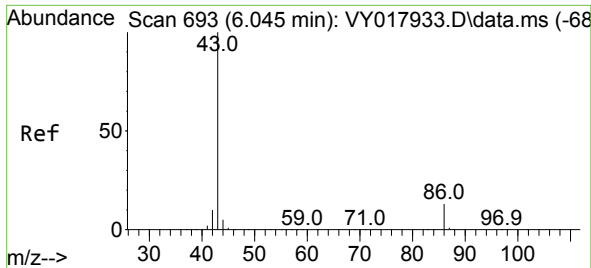
Tgt Ion: 96 Resp: 23105
Ion Ratio Lower Upper
96 100
61 110.7 97.5 146.3
98 58.5 50.5 75.7



#22
Diisopropyl ether
Concen: 5.010 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 45 Resp: 55763
Ion Ratio Lower Upper
45 100
43 67.4 42.2 63.2#
87 28.6 25.0 37.6
59 12.6 10.5 15.7

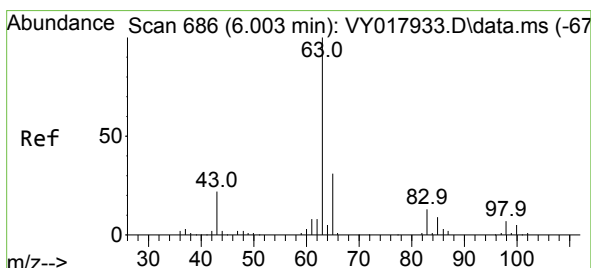
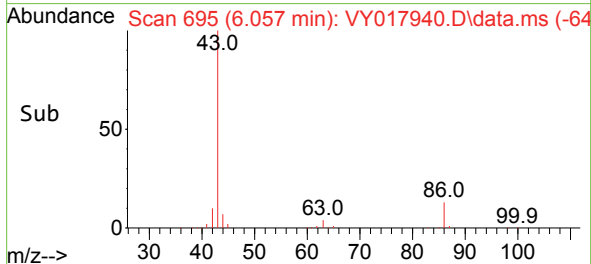
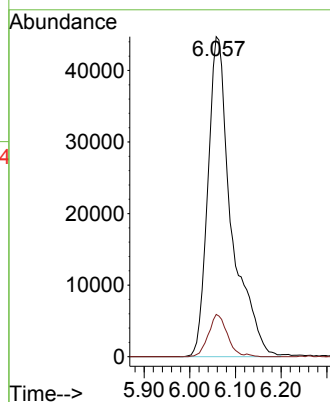
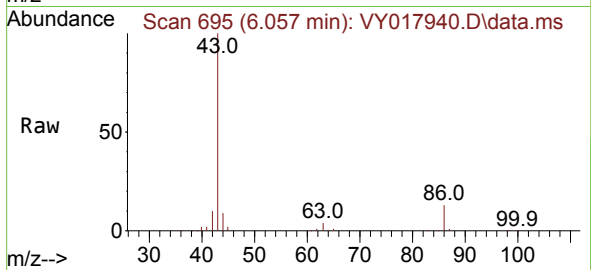




#23
 Vinyl Acetate
 Concen: 24.298 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

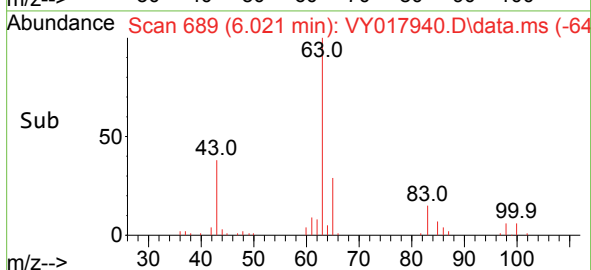
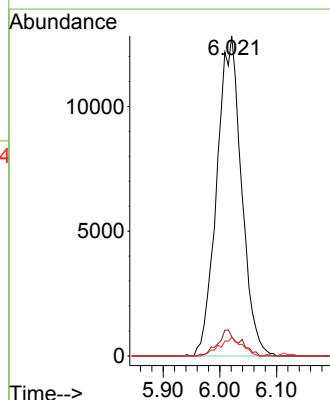
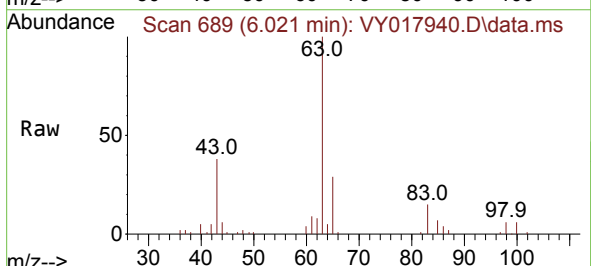
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

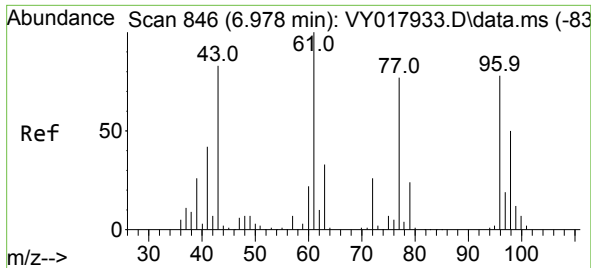
Tgt Ion: 43 Resp: 160366
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 5.330 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

Tgt Ion: 63 Resp: 38731
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.0 12.2
 100 5.8 2.6 8.0

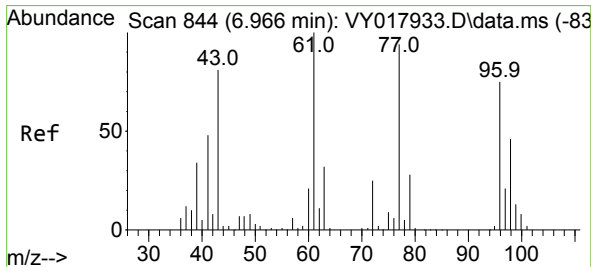
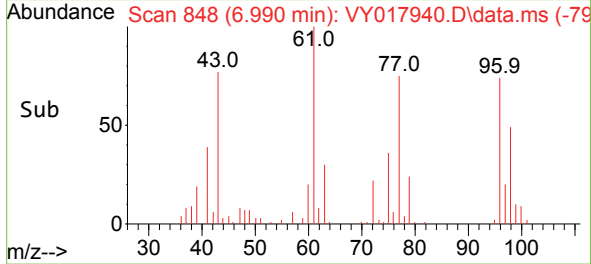
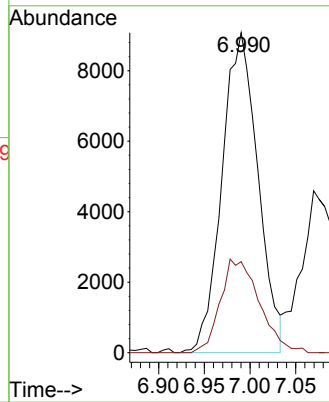
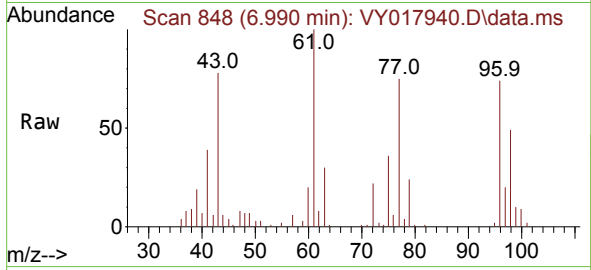




#25
2-Butanone
Concen: 25.445 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

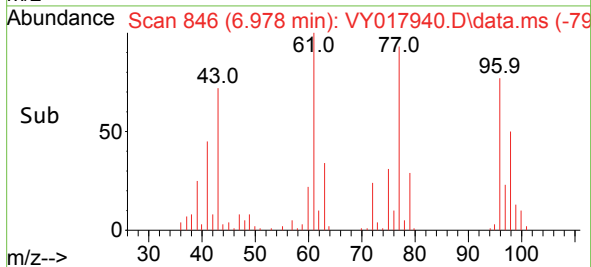
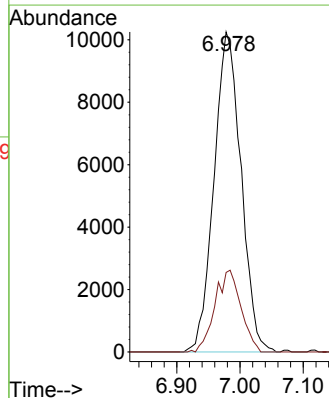
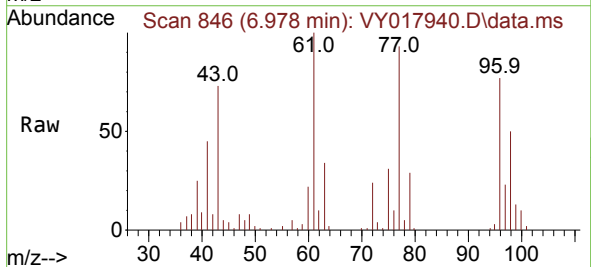
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

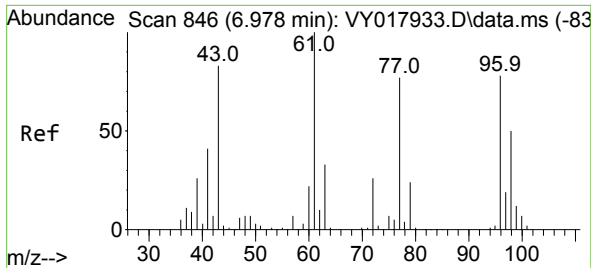
Tgt Ion: 43 Resp: 24853
Ion Ratio Lower Upper
43 100
72 28.4 27.3 40.9



#26
2,2-Dichloropropane
Concen: 5.204 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 77 Resp: 30342
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.1



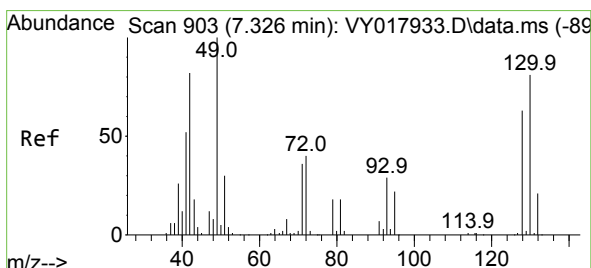
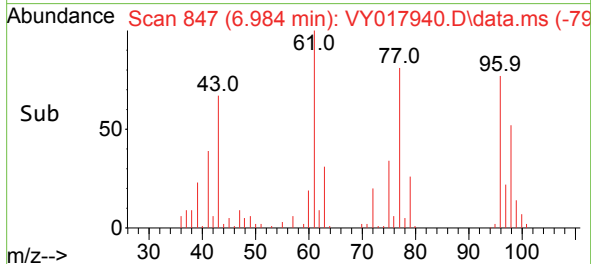
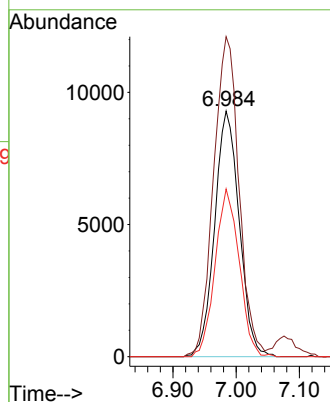
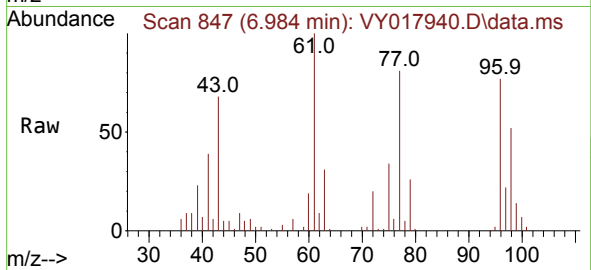


#27
 cis-1,2-Dichloroethene
 Concen: 5.109 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 25074

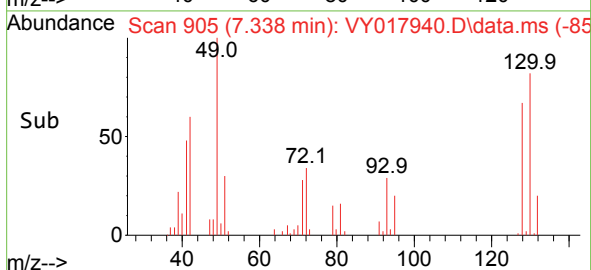
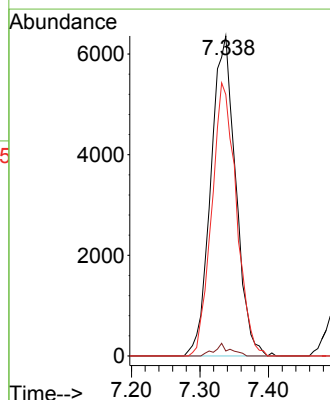
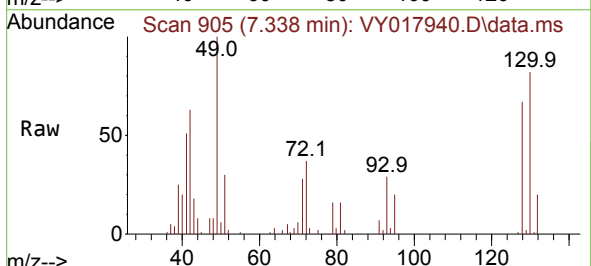
Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	256.2
98	66.9	0.0	130.0

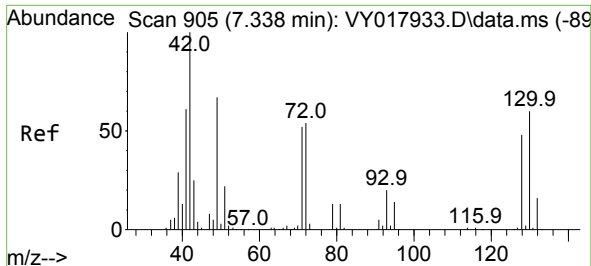


#28
 Bromochloromethane
 Concen: 5.614 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

Tgt Ion: 49 Resp: 16047

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	84.4	72.7	109.1





#29

Tetrahydrofuran

Concen: 25.726 ug/l

RT: 7.344 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

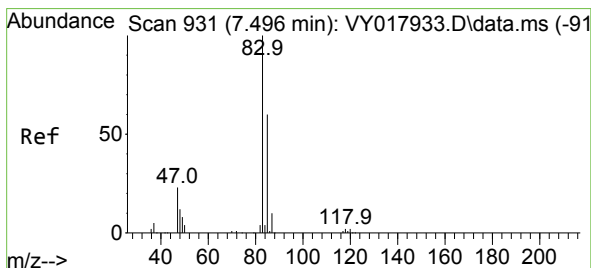
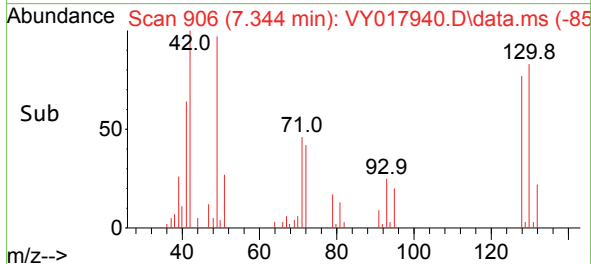
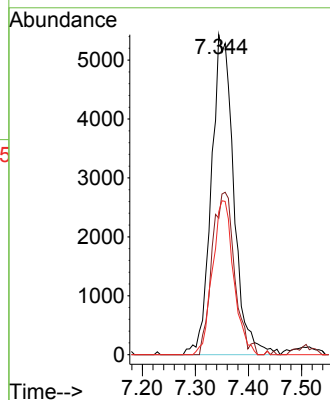
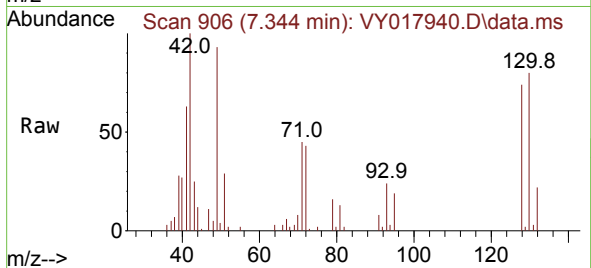
Tgt Ion: 42 Resp: 15946

Ion Ratio Lower Upper

42 100

72 50.8 43.0 64.4

71 45.4 40.8 61.2



#30

Chloroform

Concen: 5.447 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017940.D

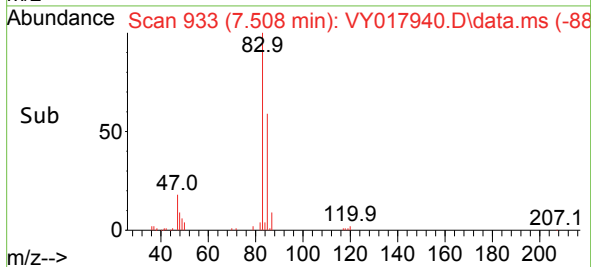
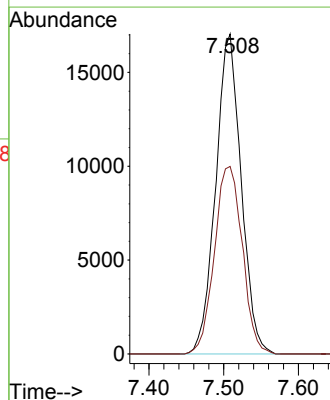
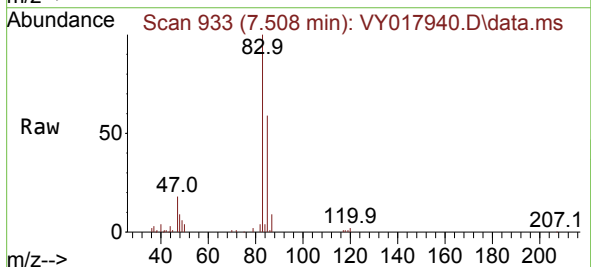
Acq: 16 Apr 2024 11:08

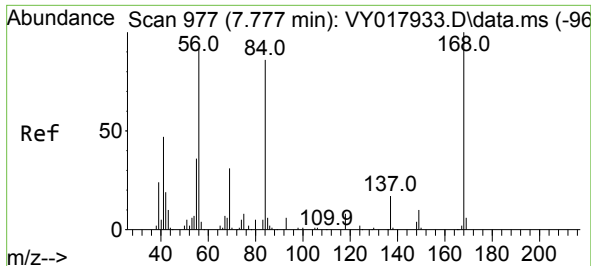
Tgt Ion: 83 Resp: 40457

Ion Ratio Lower Upper

83 100

85 58.6 52.2 78.4

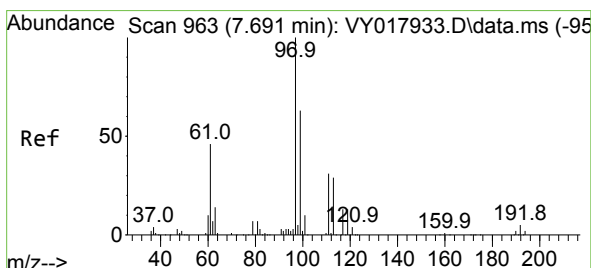
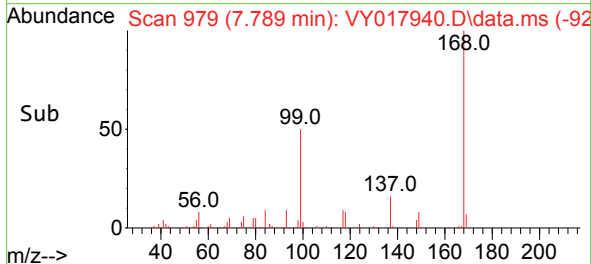
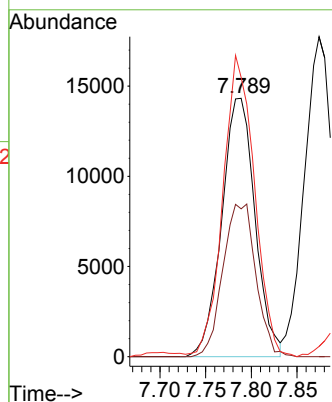
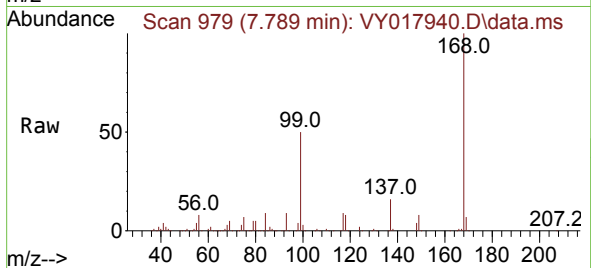




#31
Cyclohexane
Concen: 5.659 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

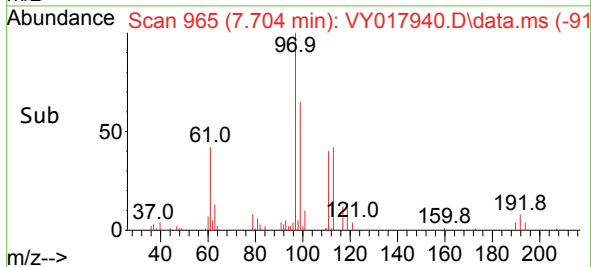
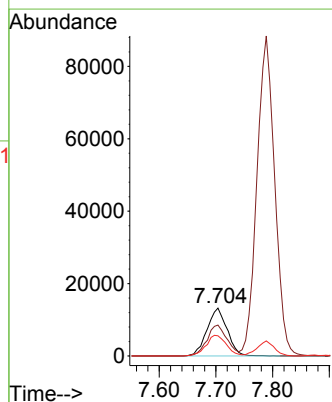
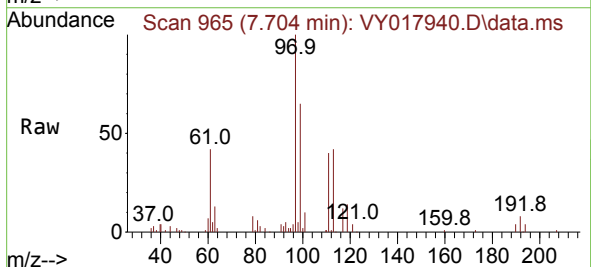
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

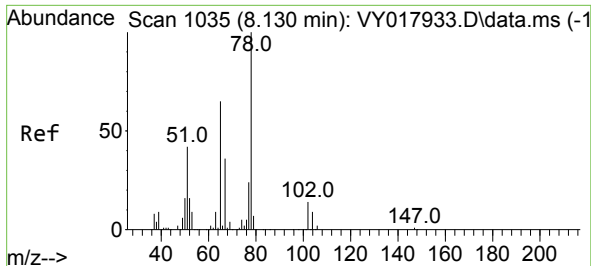
Tgt Ion: 56 Resp: 36377
Ion Ratio Lower Upper
56 100
69 57.2 28.7 43.1#
84 106.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 5.268 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 97 Resp: 32585
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 43.7 32.6 48.8

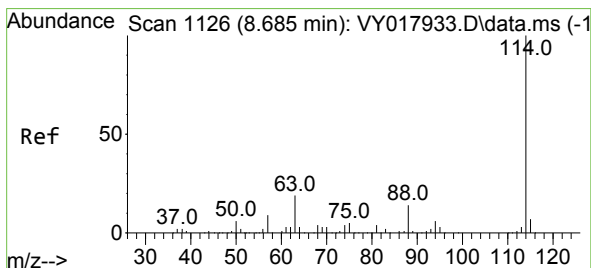
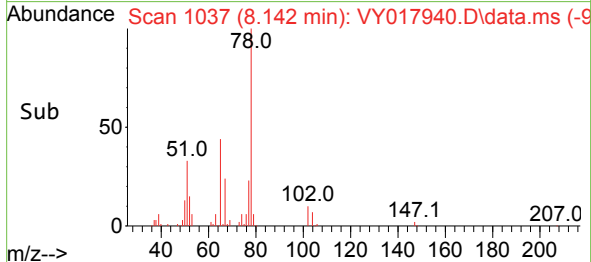
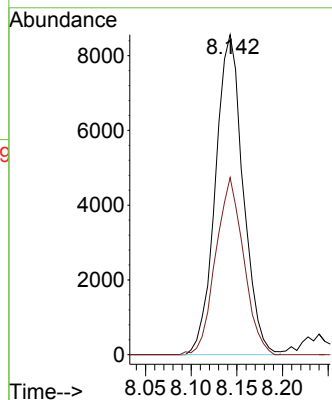
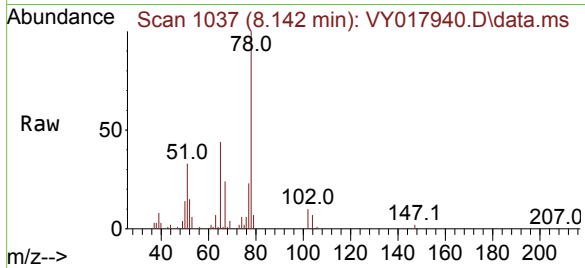




#33
1,2-Dichloroethane-d4
Concen: 5.372 ug/l
RT: 8.142 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

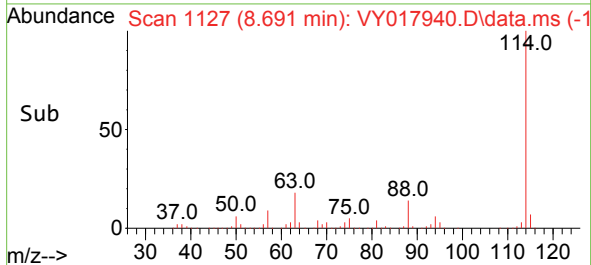
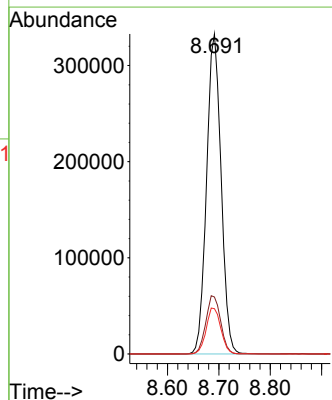
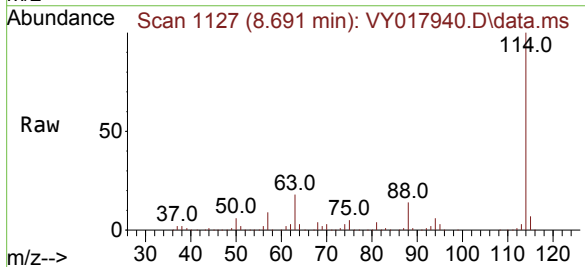
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

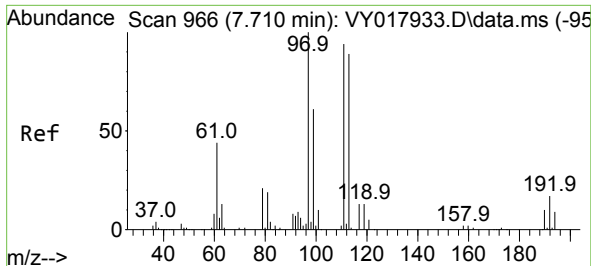
Tgt Ion: 65 Resp: 18067
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 114 Resp: 651634
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.0
88 14.1 0.0 27.2

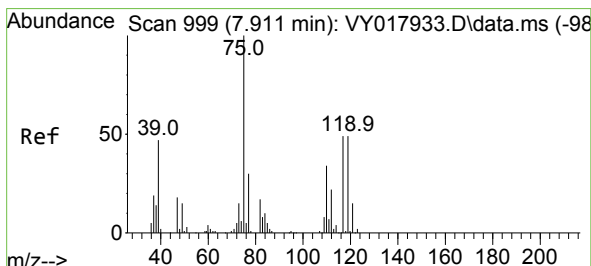
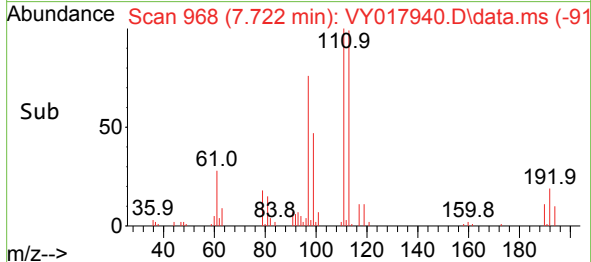
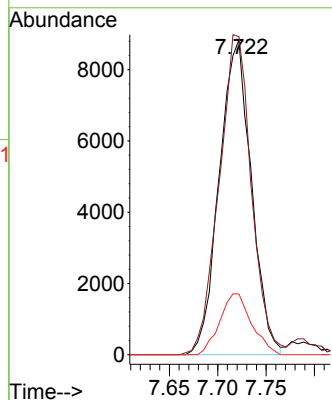
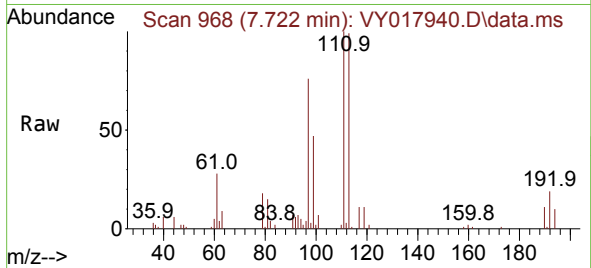




#35
Dibromofluoromethane
Concen: 5.065 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

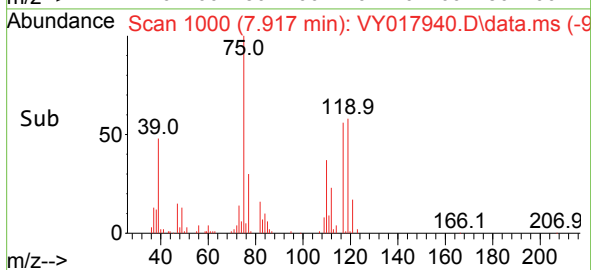
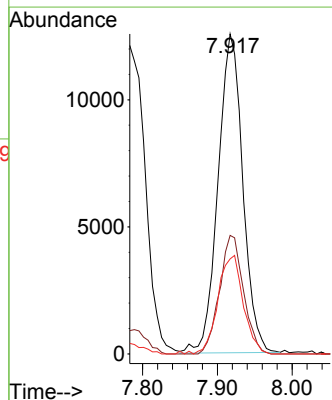
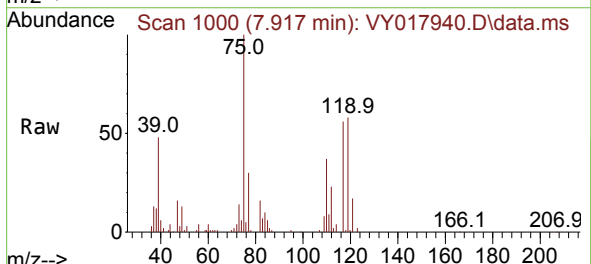
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

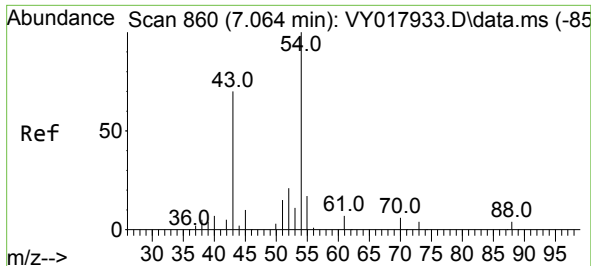
Tgt Ion:113 Resp: 20361
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 75 Resp: 28845
Ion Ratio Lower Upper
75 100
110 36.0 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 5.066 ug/l

RT: 7.069 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

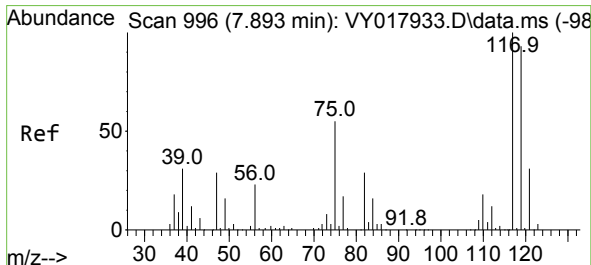
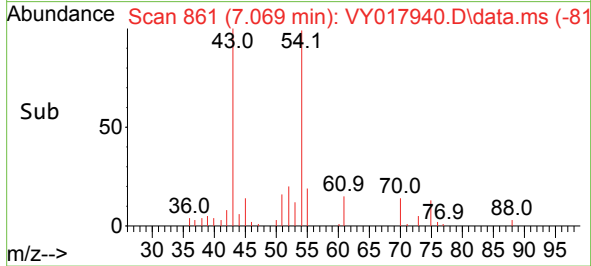
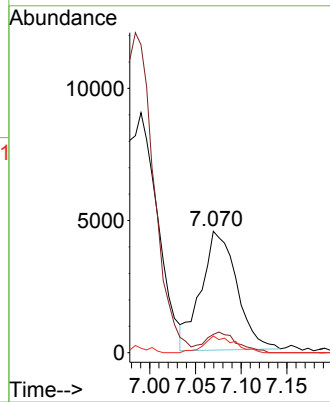
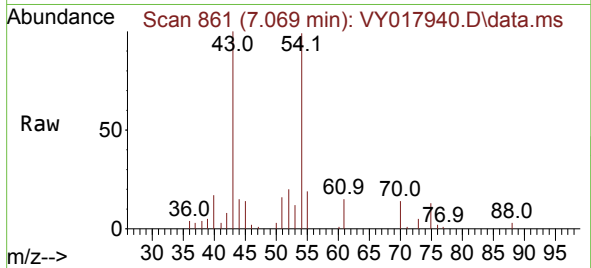
Tgt Ion: 43 Resp: 12186

Ion Ratio Lower Upper

43 100

61 15.7 12.6 19.0

70 12.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 4.976 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

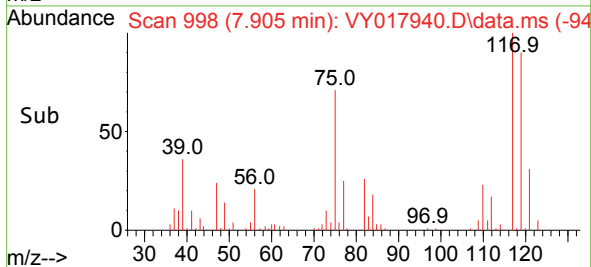
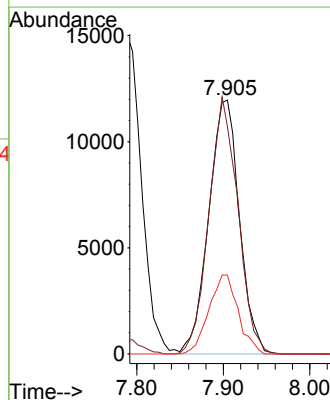
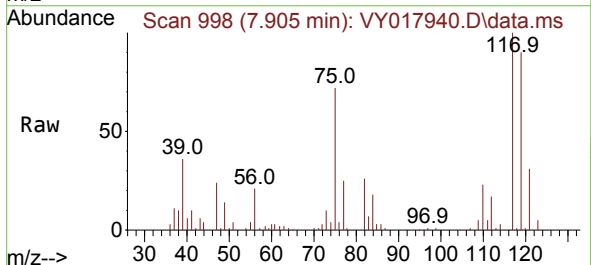
Tgt Ion: 117 Resp: 29393

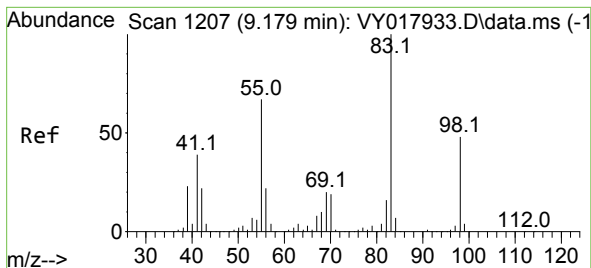
Ion Ratio Lower Upper

117 100

119 89.7 75.8 113.6

121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 4.618 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

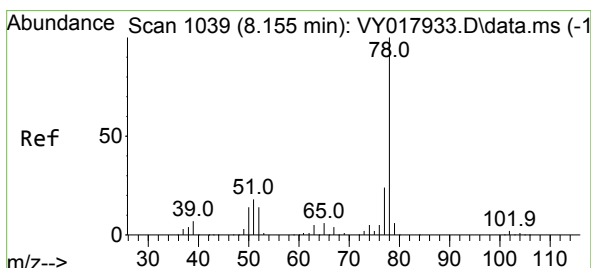
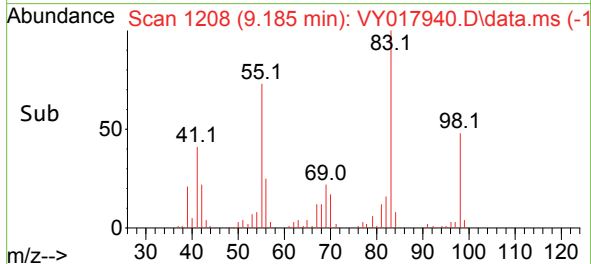
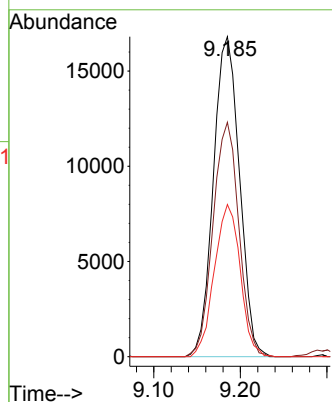
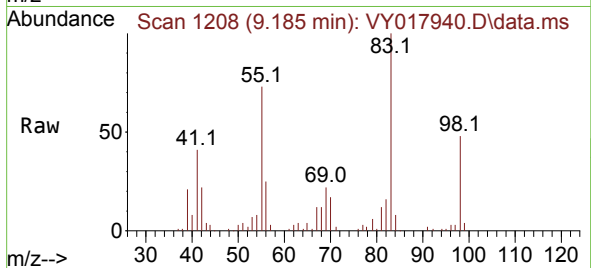
Tgt Ion: 83 Resp: 35184

Ion Ratio Lower Upper

83 100

55 73.2 51.5 77.3

98 47.5 40.5 60.7



#40

Benzene

Concen: 5.058 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017940.D

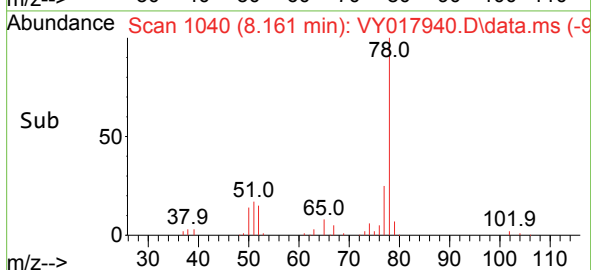
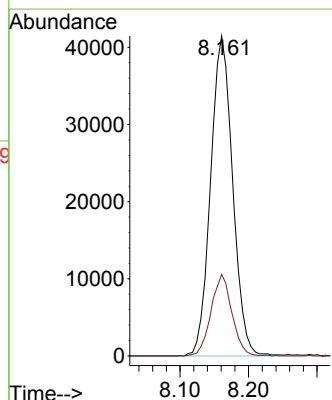
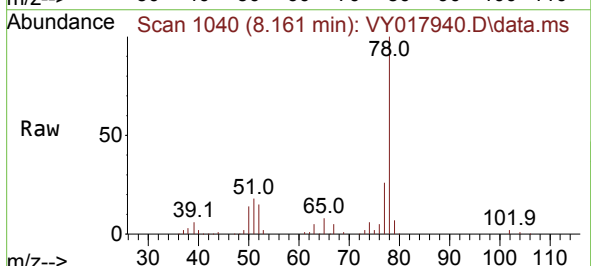
Acq: 16 Apr 2024 11:08

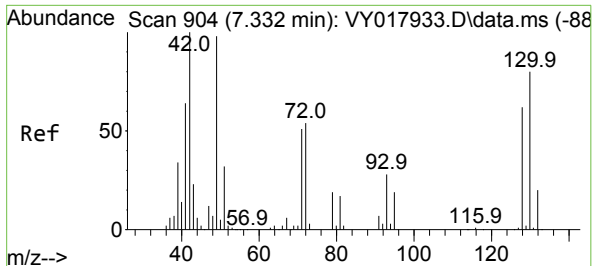
Tgt Ion: 78 Resp: 92630

Ion Ratio Lower Upper

78 100

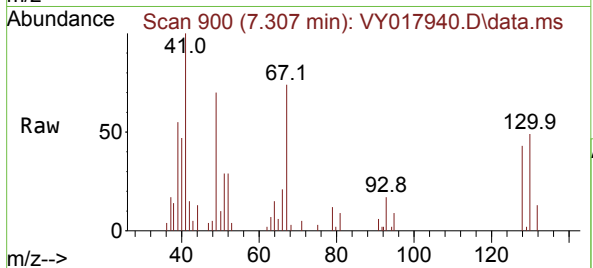
77 25.5 19.5 29.3





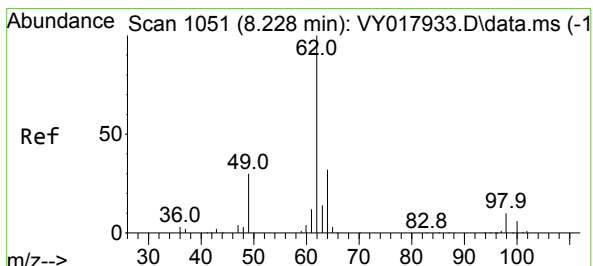
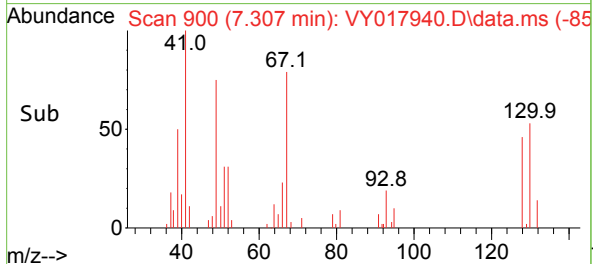
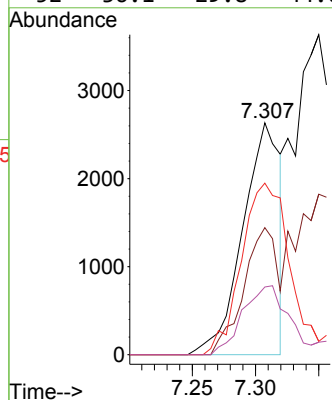
#41
Methacrylonitrile
Concen: 3.545 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 5382

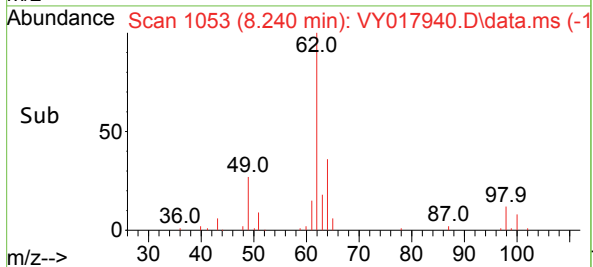
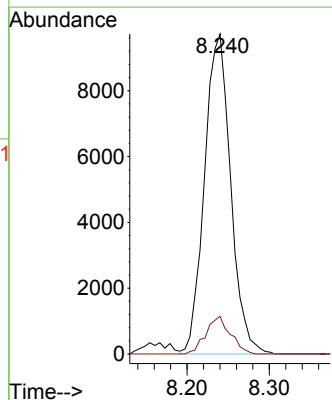
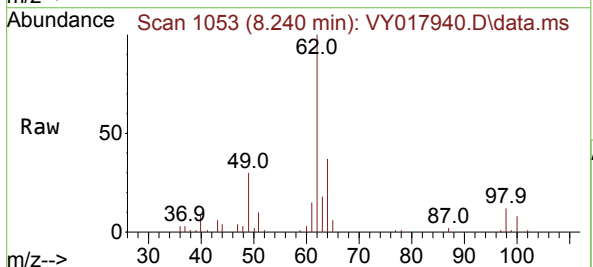
Ion	Ratio	Lower	Upper
41	100		
39	49.5	48.0	72.0
67	97.4	75.1	112.7
52	36.1	29.8	44.6

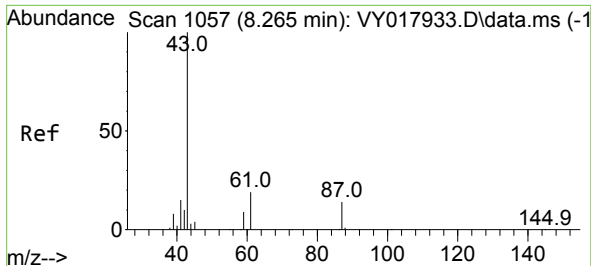


#42
1,2-Dichloroethane
Concen: 5.128 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 62 Resp: 21516

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

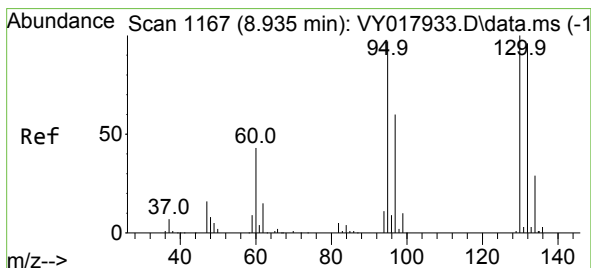
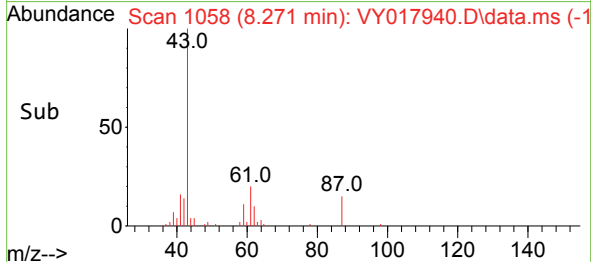
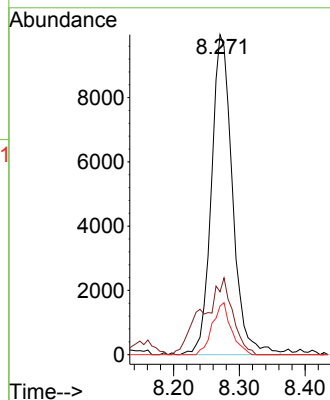
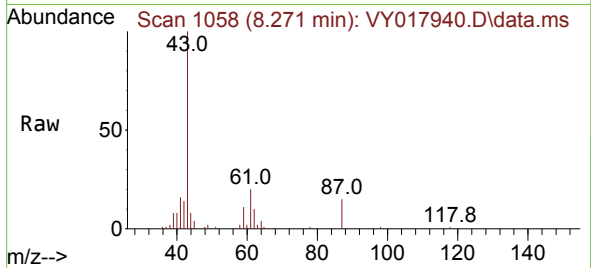




#43
Isopropyl Acetate
Concen: 4.947 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

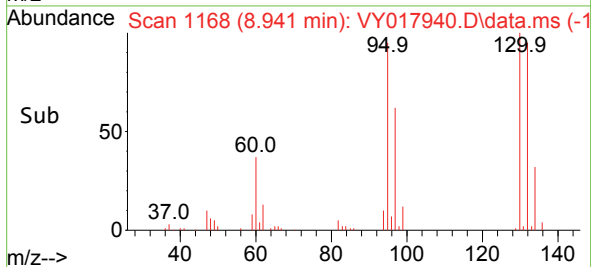
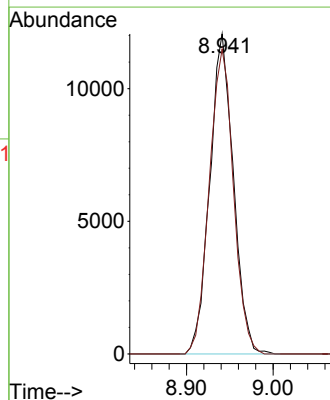
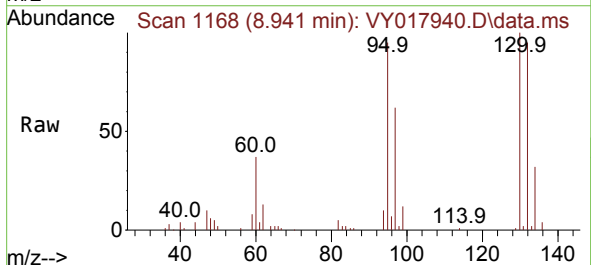
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

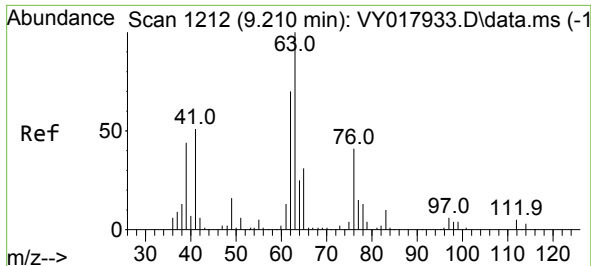
Tgt Ion: 43 Resp: 22181
Ion Ratio Lower Upper
43 100
61 19.3 27.9 41.9#
87 14.6 13.1 19.7



#44
Trichloroethene
Concen: 4.909 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 130 Resp: 22844
Ion Ratio Lower Upper
130 100
95 95.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 5.168 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

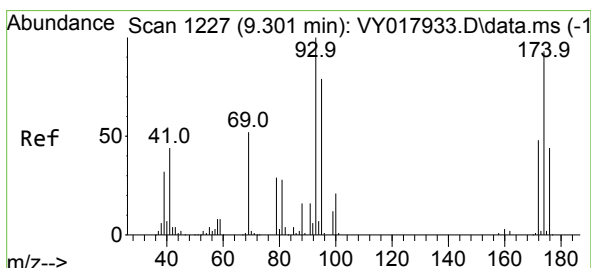
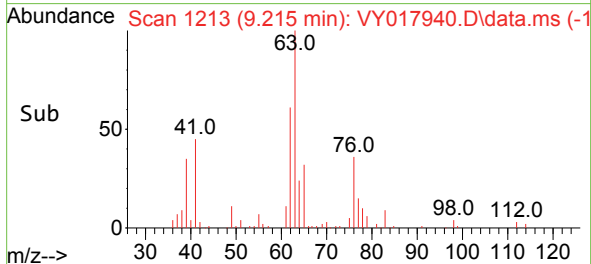
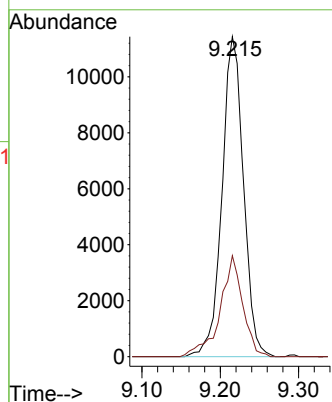
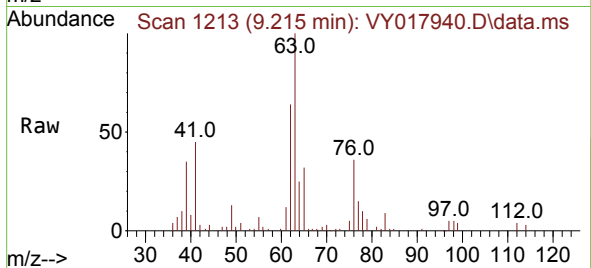
VSTDICC005

Tgt Ion: 63 Resp: 21785

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 5.025 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

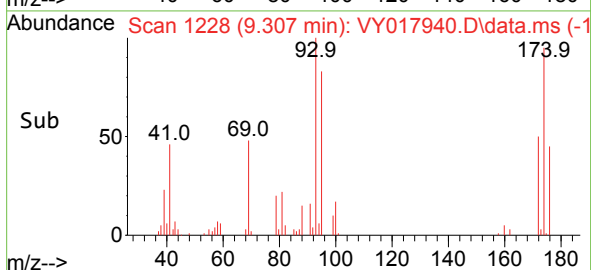
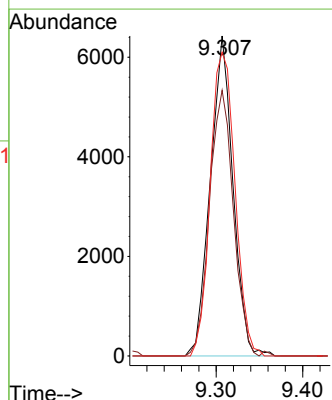
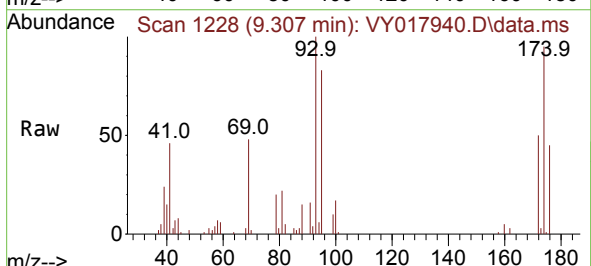
Tgt Ion: 93 Resp: 11718

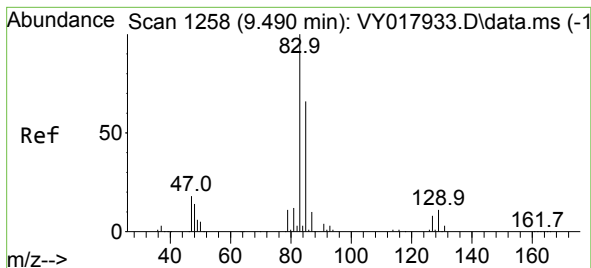
Ion Ratio Lower Upper

93 100

95 87.1 66.2 99.4

174 103.4 80.9 121.3





#47

Bromodichloromethane

Concen: 4.970 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

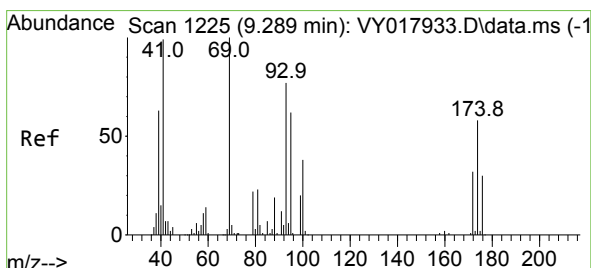
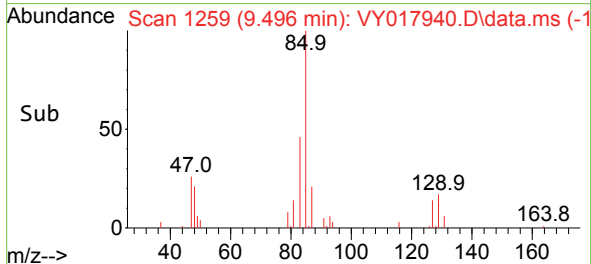
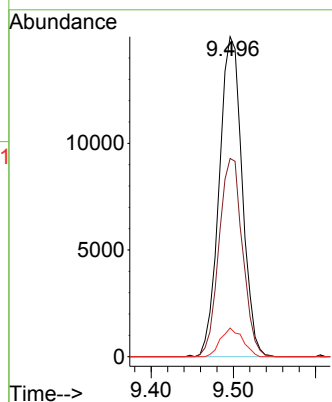
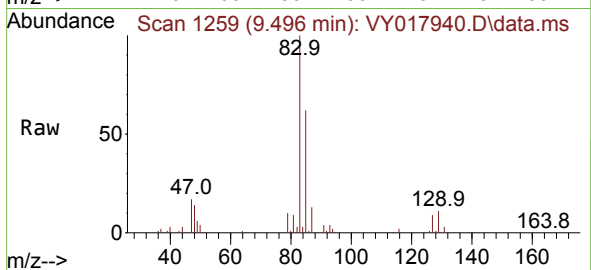
Tgt Ion: 83 Resp: 29076

Ion Ratio Lower Upper

83 100

85 61.9 50.1 75.1

127 9.0 7.4 11.0



#48

Methyl methacrylate

Concen: 4.525 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

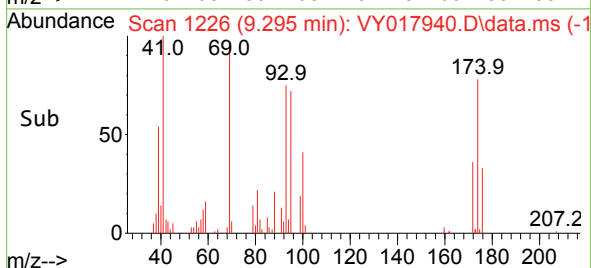
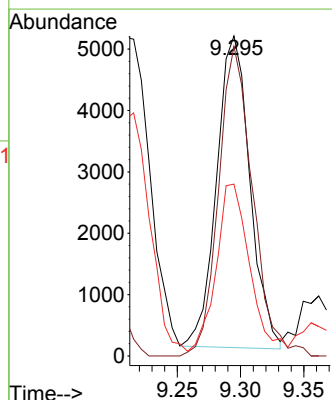
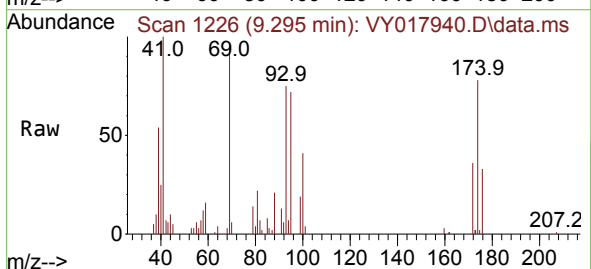
Tgt Ion: 41 Resp: 9298

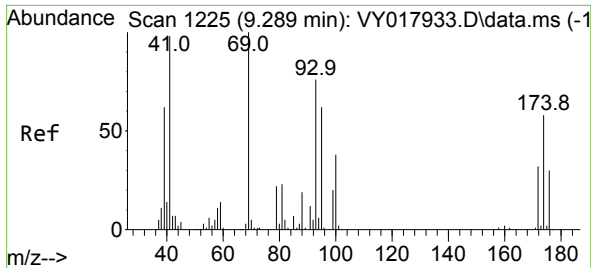
Ion Ratio Lower Upper

41 100

69 101.9 84.1 126.1

39 53.9 43.6 65.4

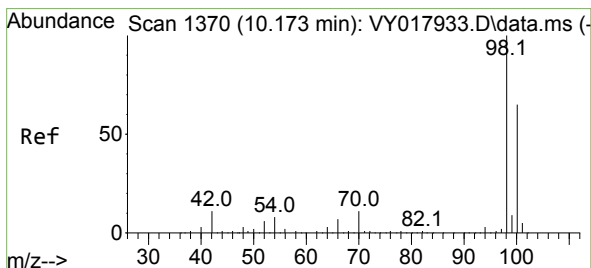
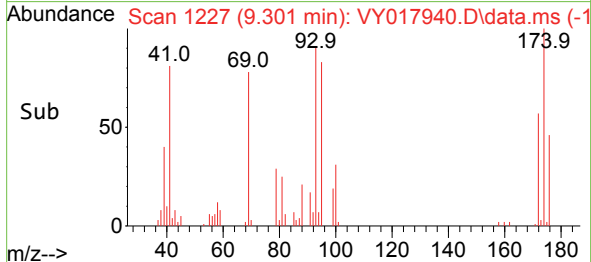
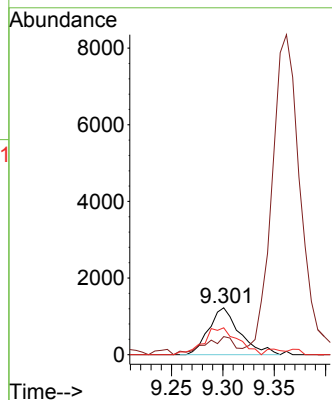
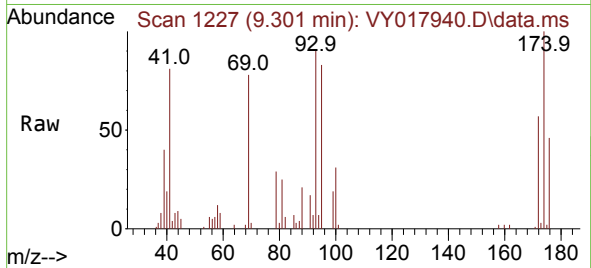




#49
1,4-Dioxane
Concen: 95.793 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

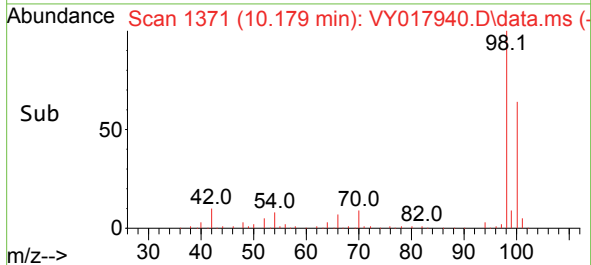
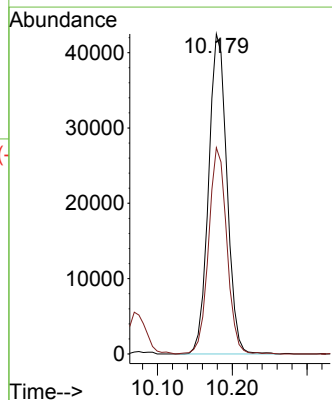
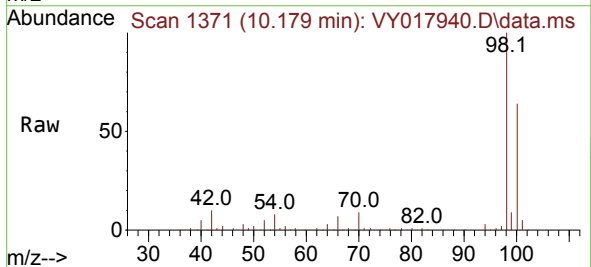
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

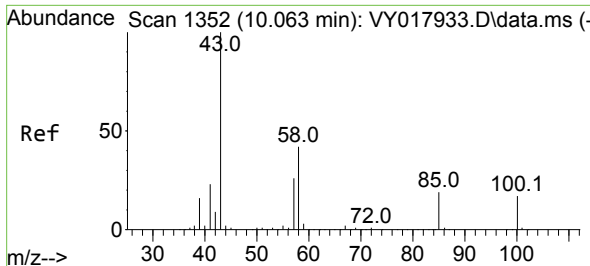
Tgt Ion: 88 Resp: 2550
Ion Ratio Lower Upper
88 100
43 38.2 0.0 0.0#
58 63.0 49.3 73.9



#50
Toluene-d8
Concen: 4.741 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 98 Resp: 72317
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

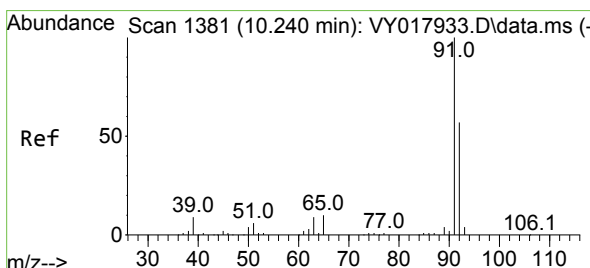
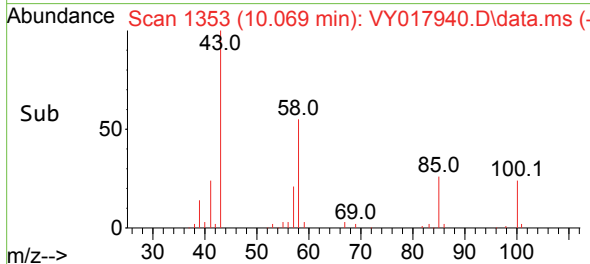
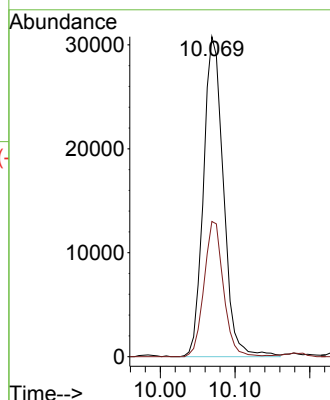
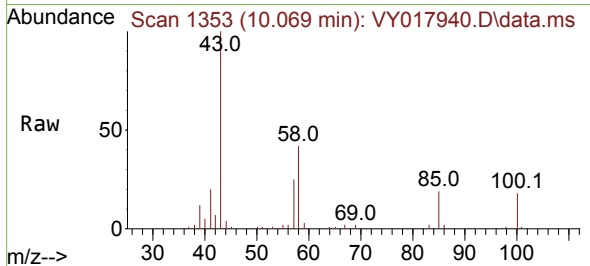




#51
4-Methyl-2-Pentanone
Concen: 24.060 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

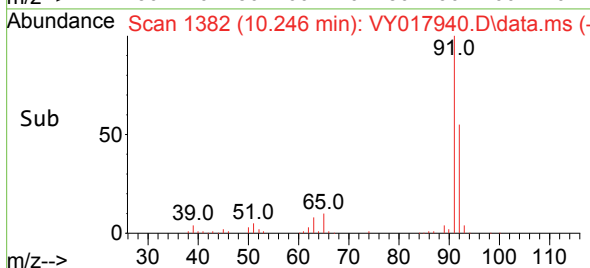
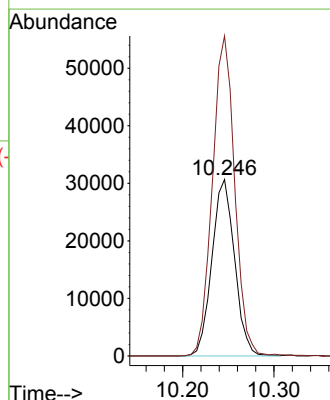
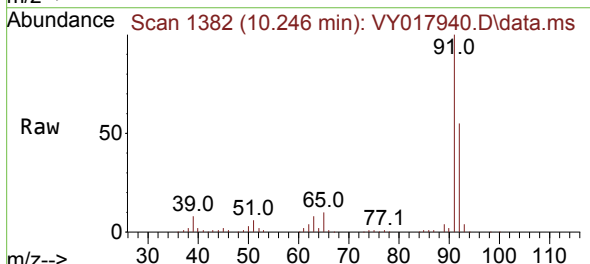
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

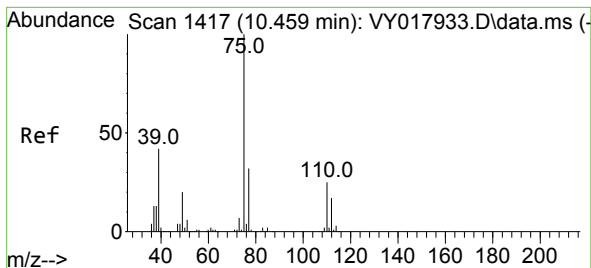
Tgt Ion: 43 Resp: 57191
Ion Ratio Lower Upper
43 100
58 40.9 35.7 53.5



#52
Toluene
Concen: 4.699 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 92 Resp: 52807
Ion Ratio Lower Upper
92 100
91 179.0 139.0 208.6

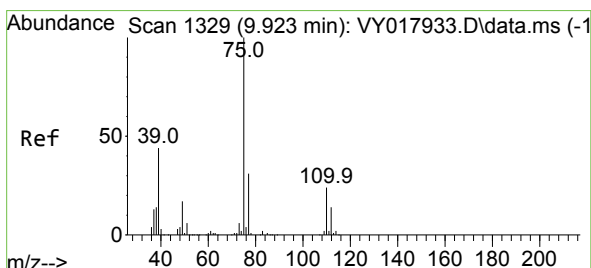
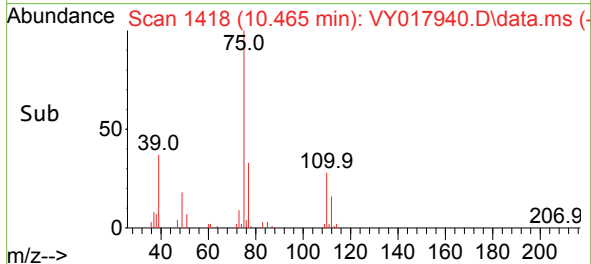
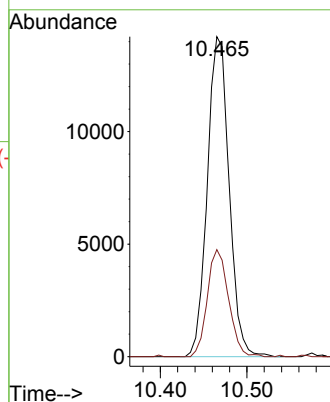
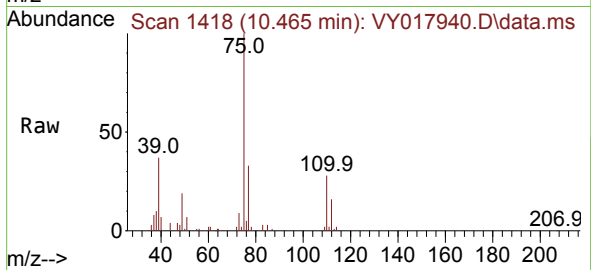




#53
 t-1,3-Dichloropropene
 Concen: 4.650 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

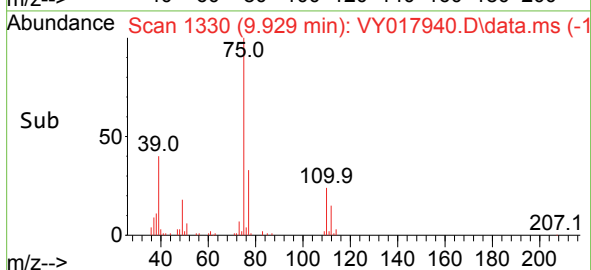
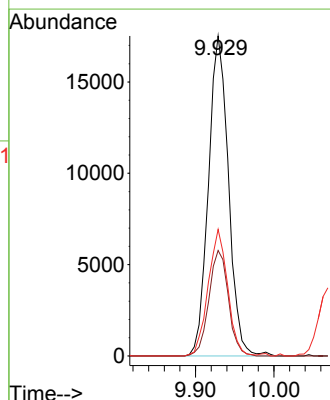
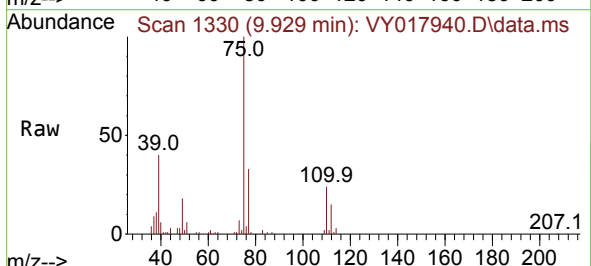
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

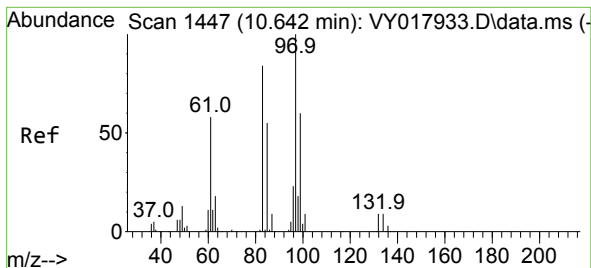
Tgt Ion: 75 Resp: 24833
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 4.745 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

Tgt Ion: 75 Resp: 31134
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0
 39 39.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 4.881 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 15473

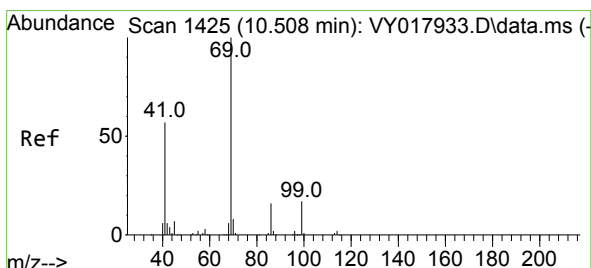
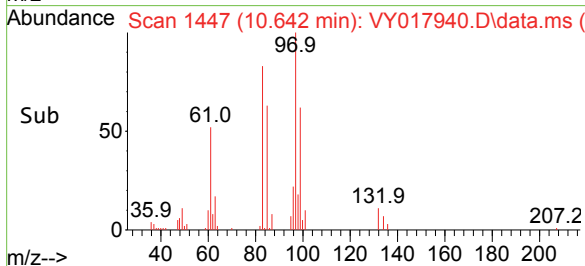
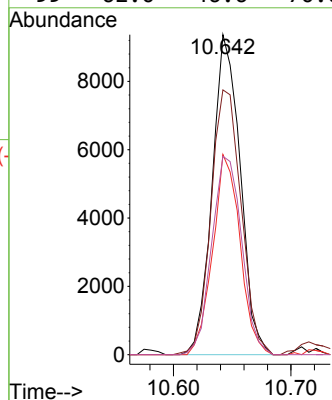
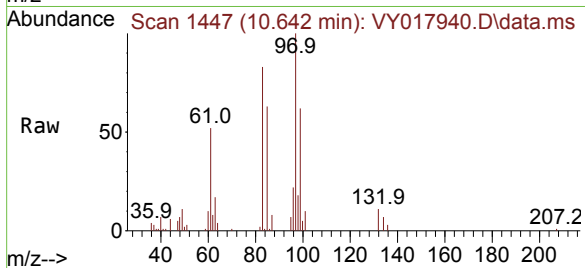
Ion Ratio Lower Upper

97 100

83 82.8 67.5 101.3

85 62.6 42.9 64.3

99 62.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 4.247 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

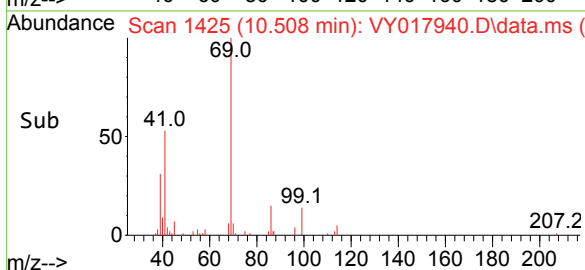
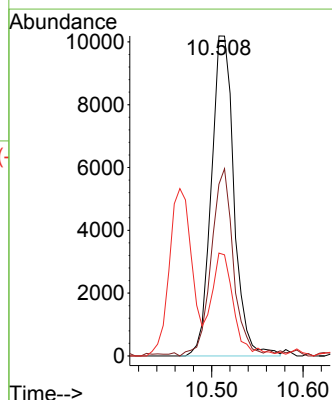
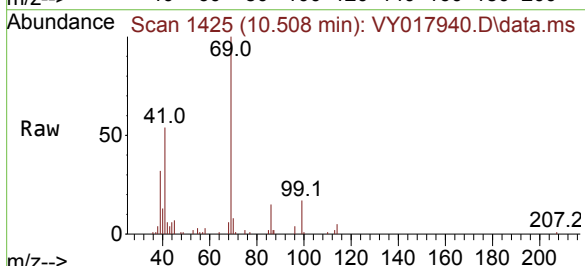
Tgt Ion: 69 Resp: 17552

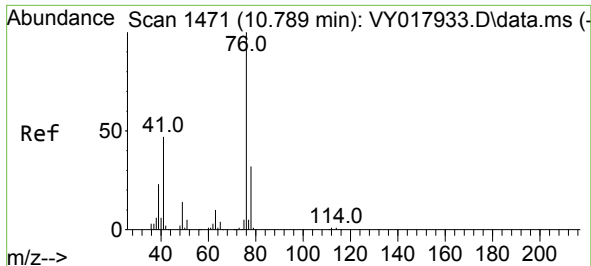
Ion Ratio Lower Upper

69 100

41 57.0 42.3 63.5

39 31.8 22.9 34.3





#57

1,3-Dichloropropane

Concen: 4.971 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

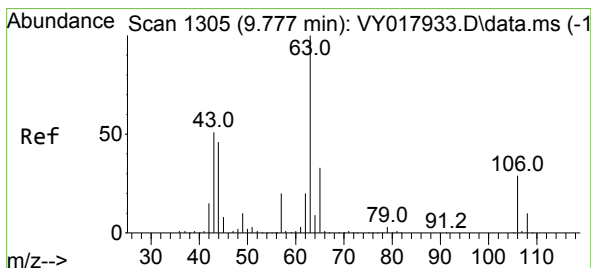
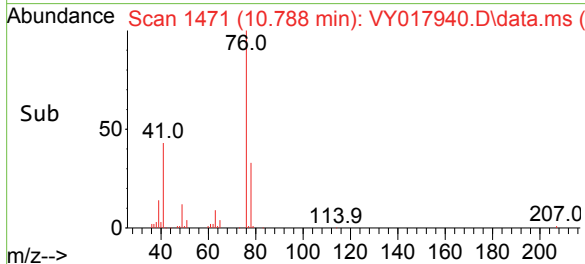
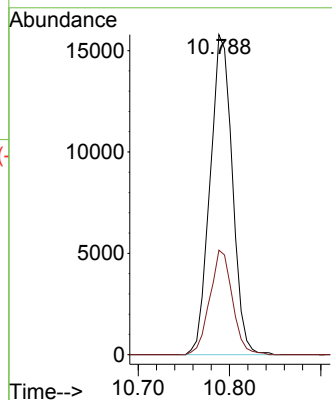
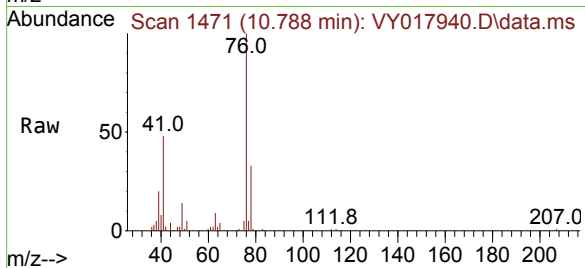
VSTDIC005

Tgt Ion: 76 Resp: 26681

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 21.946 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY017940.D

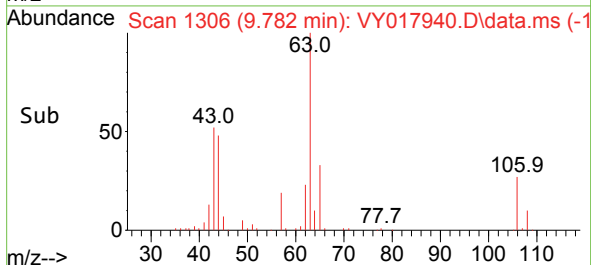
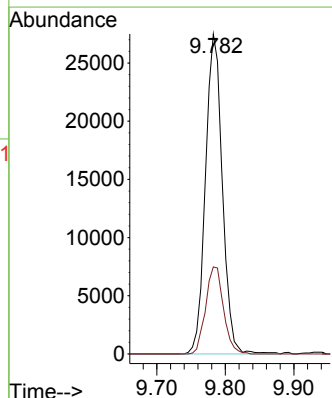
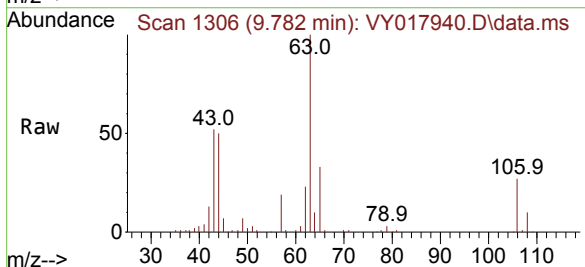
Acq: 16 Apr 2024 11:08

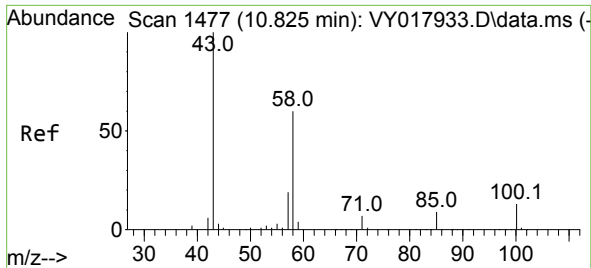
Tgt Ion: 63 Resp: 47141

Ion Ratio Lower Upper

63 100

106 28.7 23.7 35.5

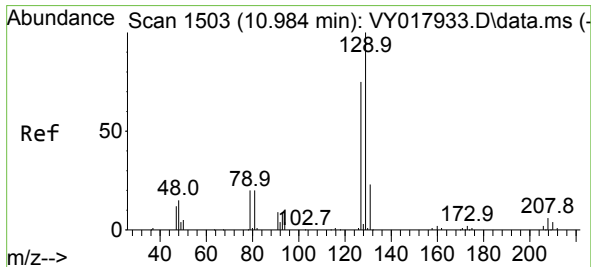
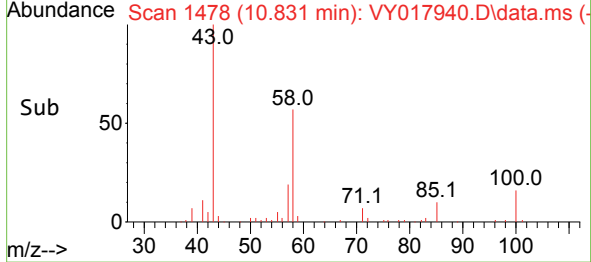
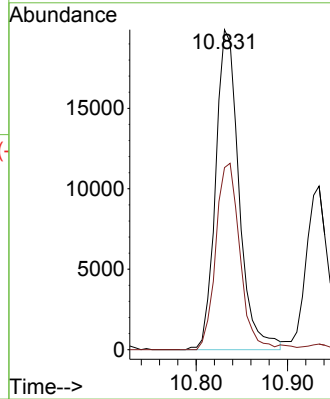
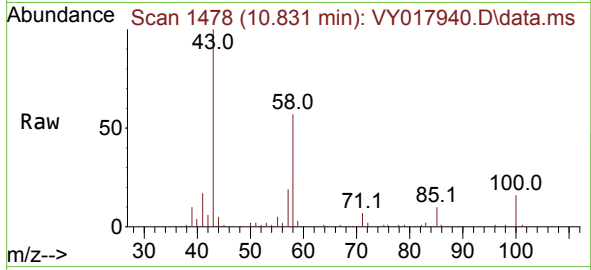




#59
2-Hexanone
Concen: 21.796 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

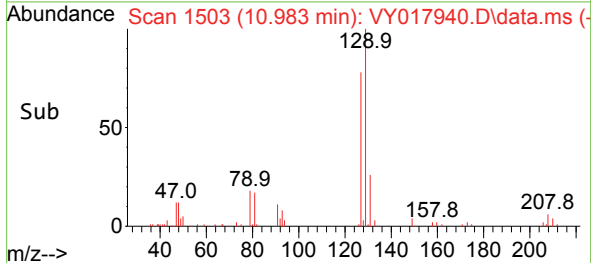
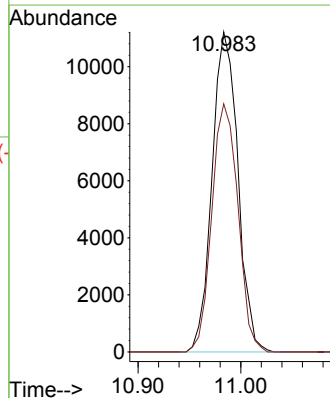
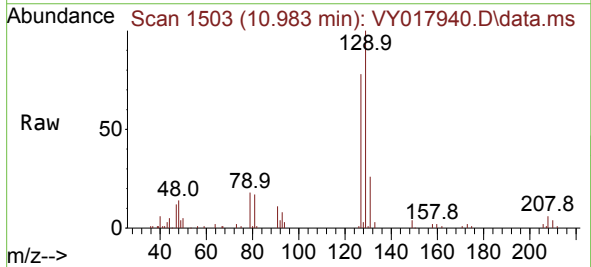
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

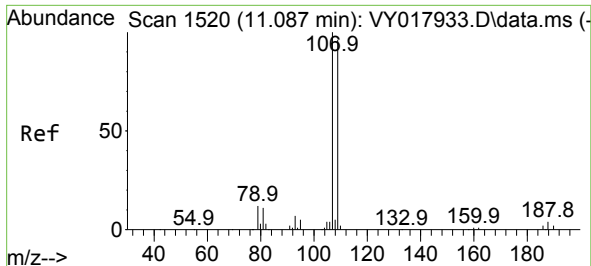
Tgt Ion: 43 Resp: 35367
Ion Ratio Lower Upper
43 100
58 59.7 31.4 94.0



#60
Dibromochloromethane
Concen: 4.801 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 129 Resp: 19560
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

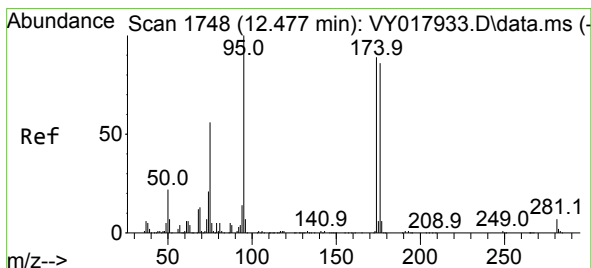
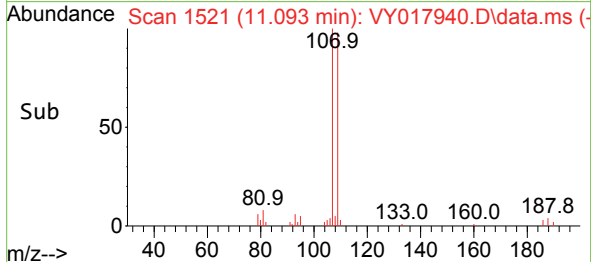
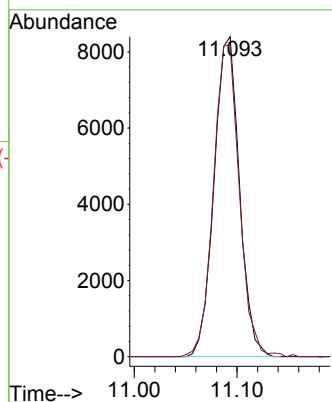
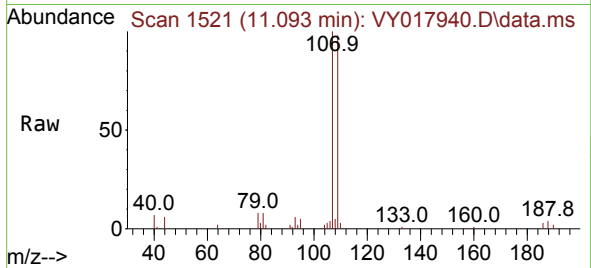




#61
 1,2-Dibromoethane
 Concen: 4.855 ug/l
 RT: 11.093 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

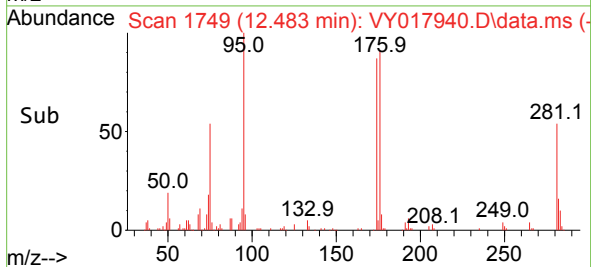
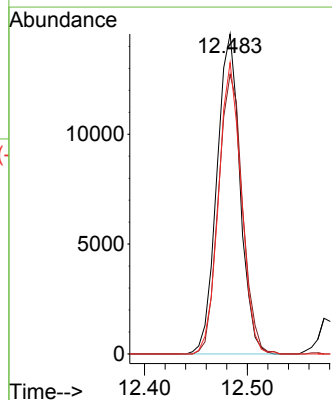
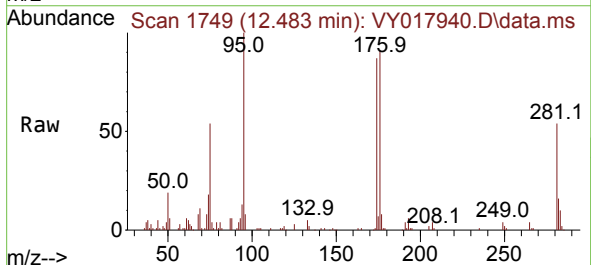
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

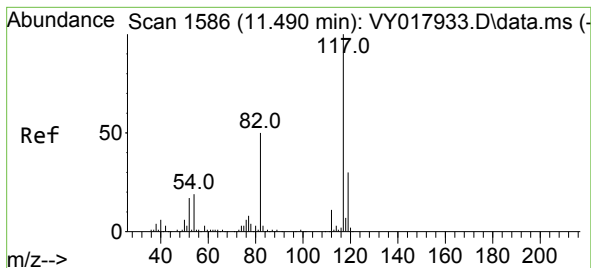
Tgt Ion:107 Resp: 14341
 Ion Ratio Lower Upper
 107 100
 109 99.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 4.829 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

Tgt Ion: 95 Resp: 22814
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 175.6
 176 89.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

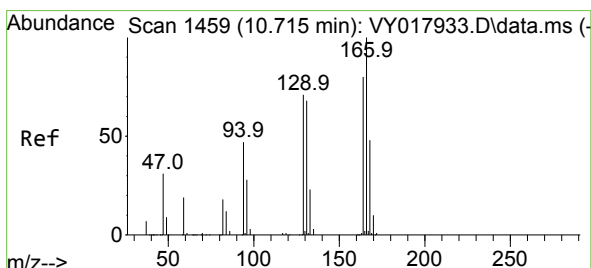
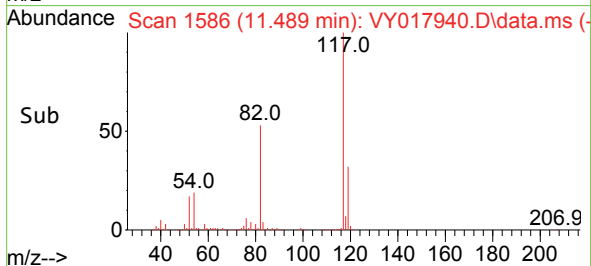
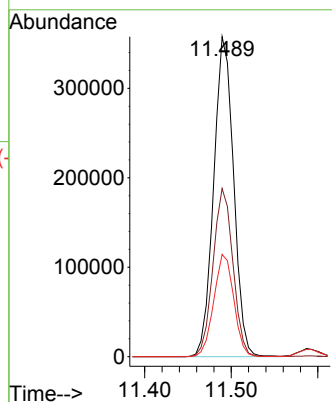
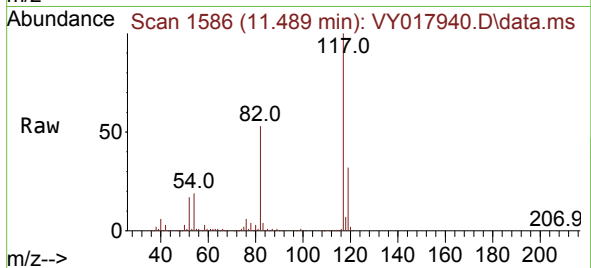
Tgt Ion:117 Resp: 571646

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 4.794 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Tgt Ion:164 Resp: 19630

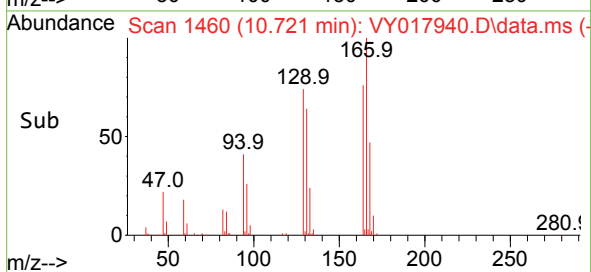
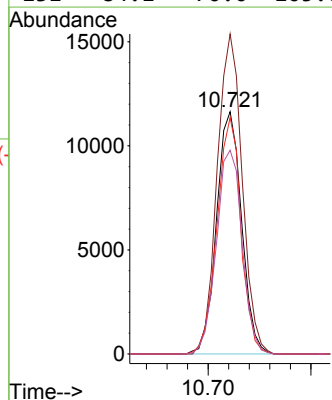
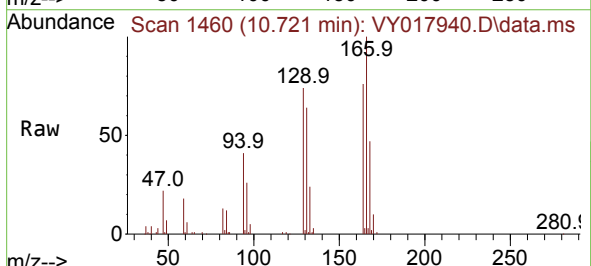
Ion Ratio Lower Upper

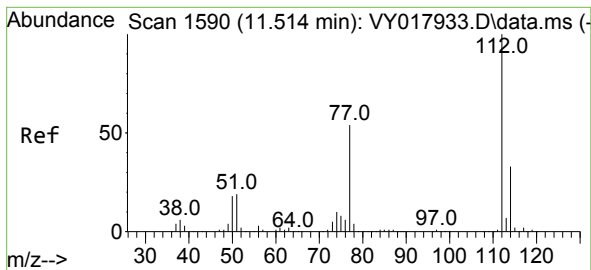
164 100

166 132.1 102.6 154.0

129 97.6 72.0 108.0

131 84.1 70.0 105.0

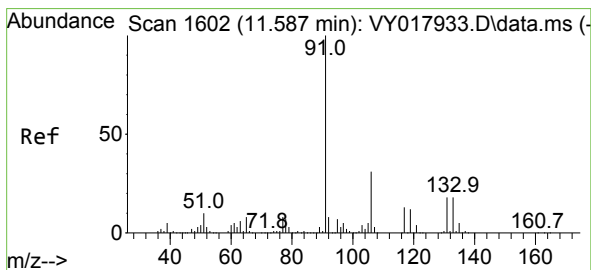
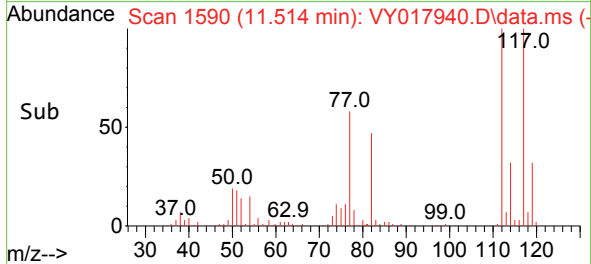
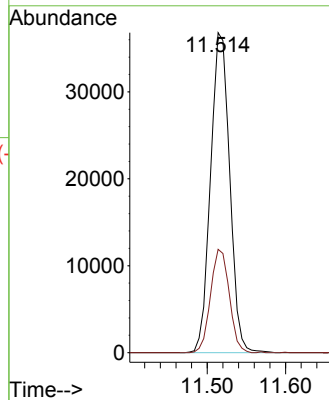
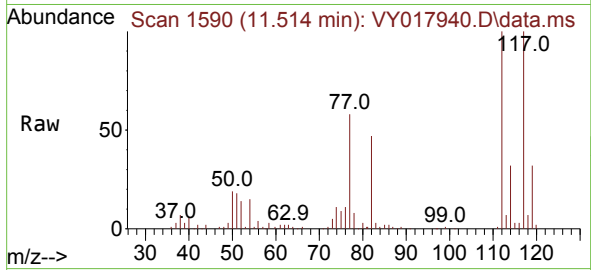




#65
Chlorobenzene
Concen: 4.984 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

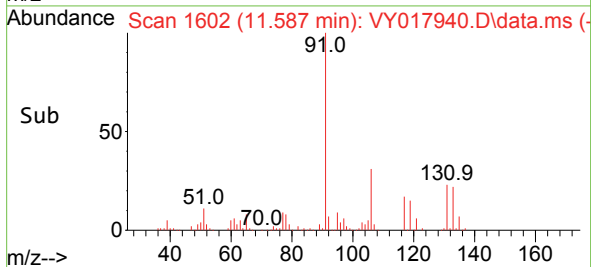
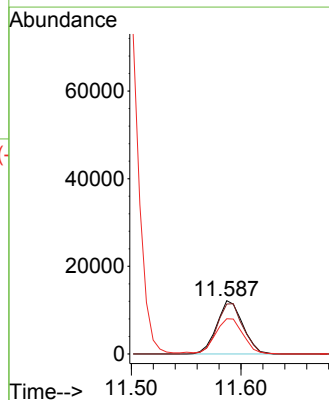
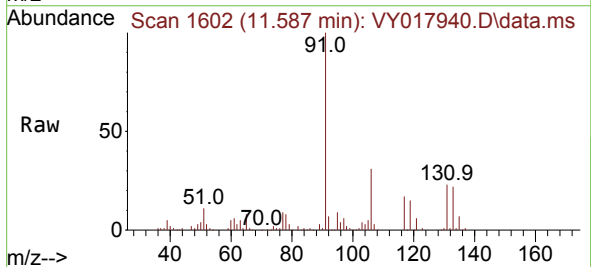
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

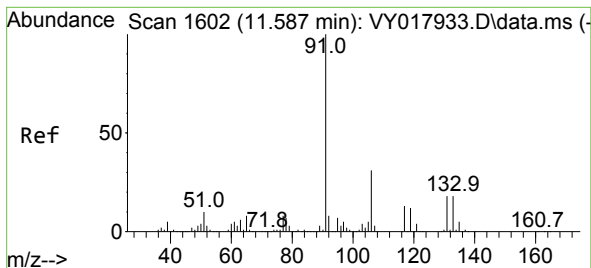
Tgt Ion:112 Resp: 62441
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.857 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion:131 Resp: 20066
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 71.2 34.1 102.2





#67

Ethyl Benzene

Concen: 4.659 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

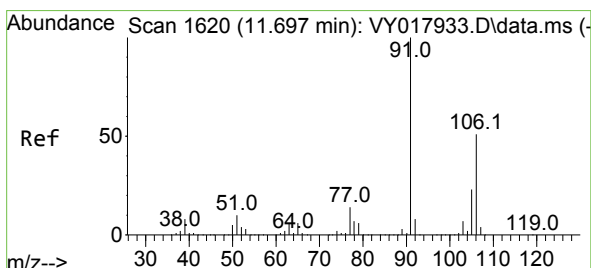
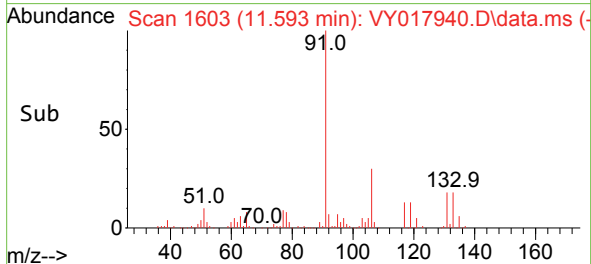
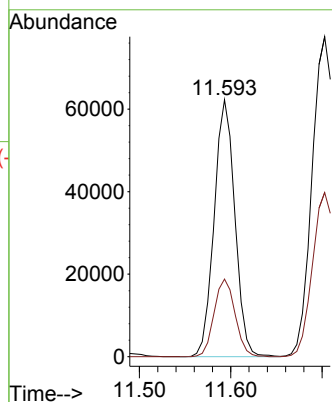
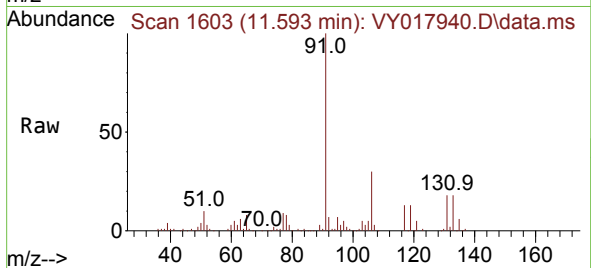
VSTDIC005

Tgt Ion: 91 Resp: 98284

Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7



#68

m/p-Xylenes

Concen: 9.093 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY017940.D

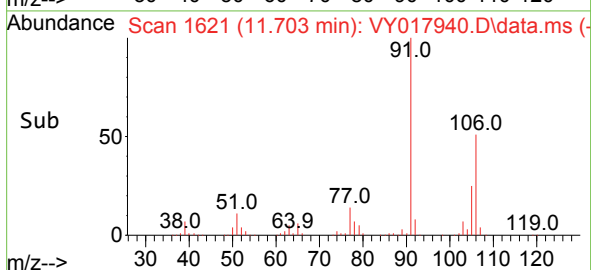
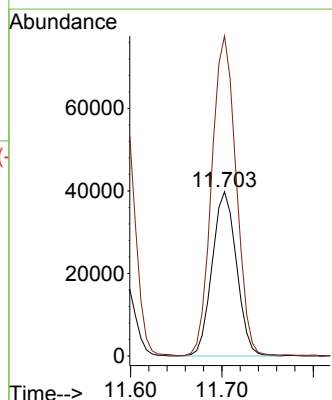
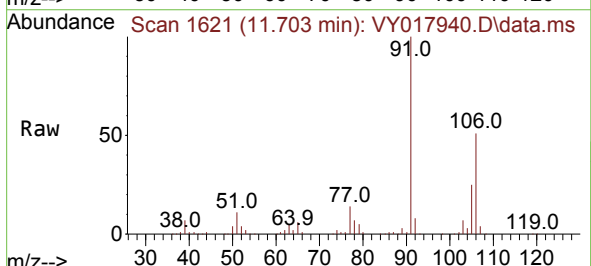
Acq: 16 Apr 2024 11:08

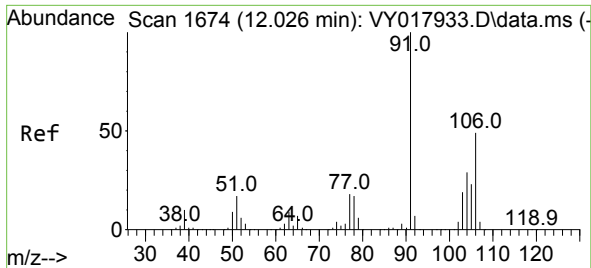
Tgt Ion: 106 Resp: 73677

Ion Ratio Lower Upper

106 100

91 195.5 156.0 234.0

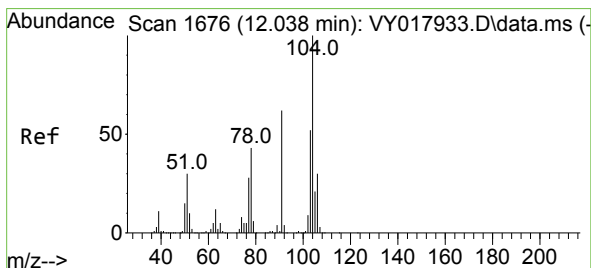
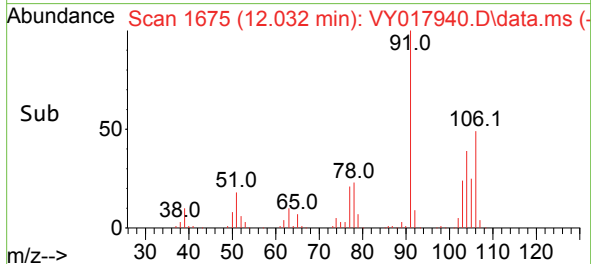
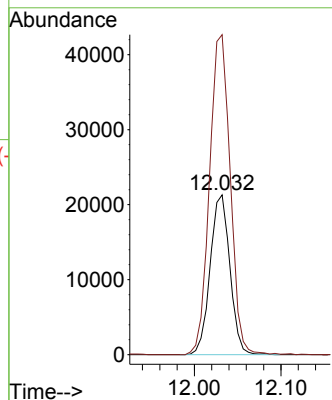
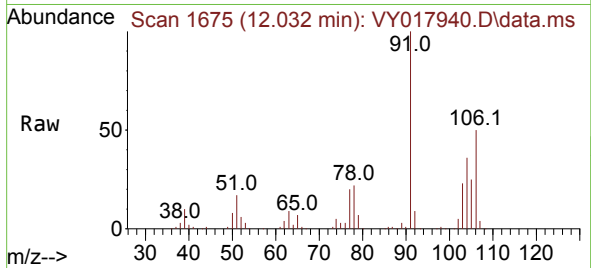




#69
o-Xylene
Concen: 4.459 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

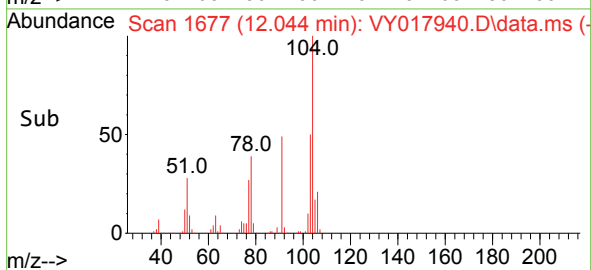
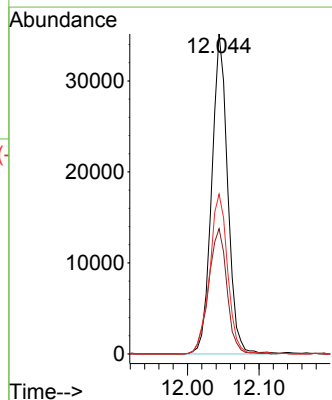
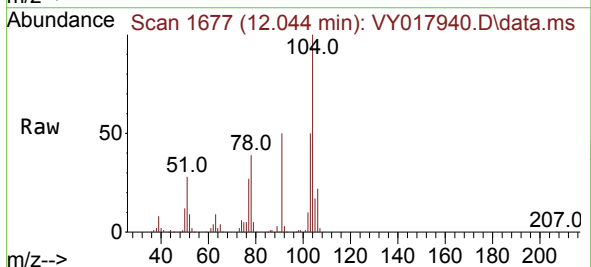
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

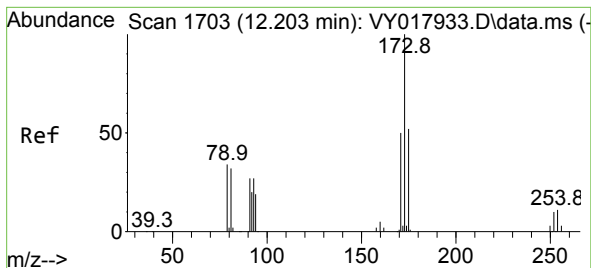
Tgt Ion:106 Resp: 33741
Ion Ratio Lower Upper
106 100
91 210.6 103.6 310.8



#70
Styrene
Concen: 4.280 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion:104 Resp: 54733
Ion Ratio Lower Upper
104 100
78 44.8 37.0 55.4
103 55.9 44.2 66.2





#71

Bromoform

Concen: 4.839 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

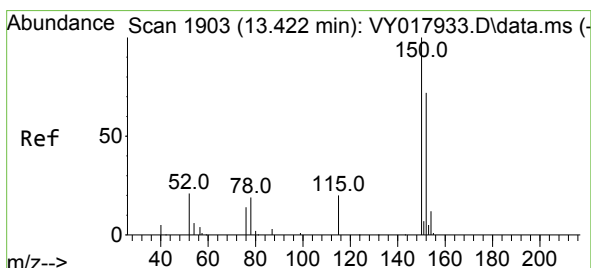
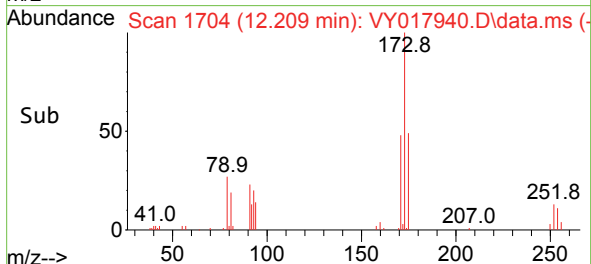
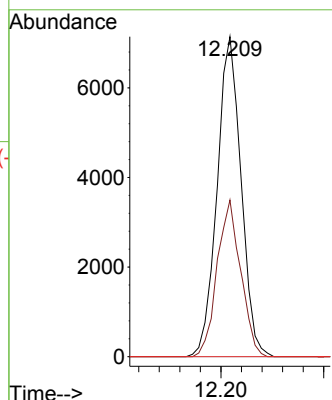
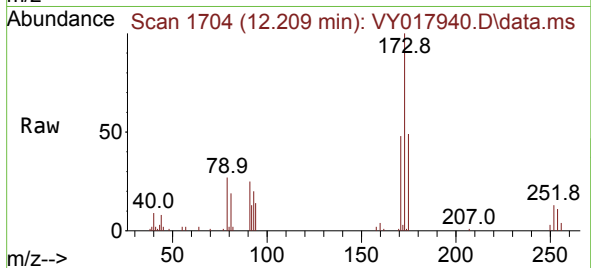
Tgt Ion:173 Resp: 11549

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: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

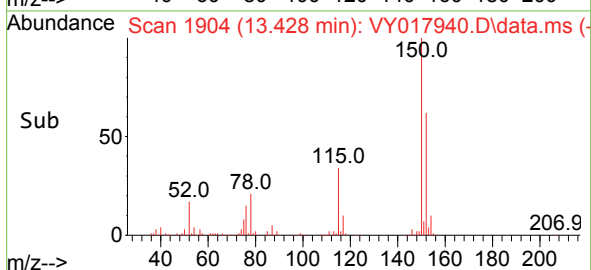
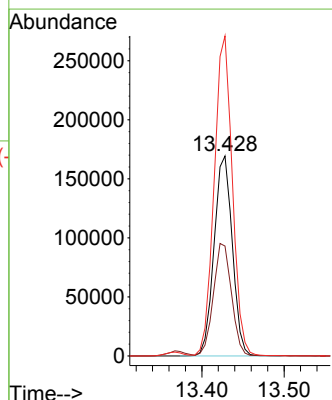
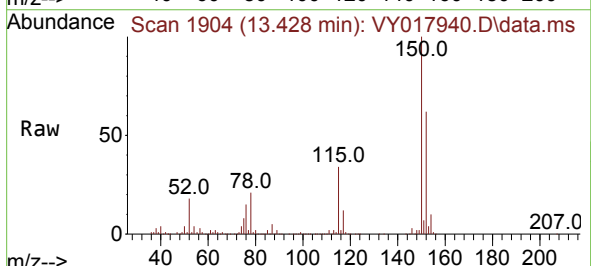
Tgt Ion:152 Resp: 261082

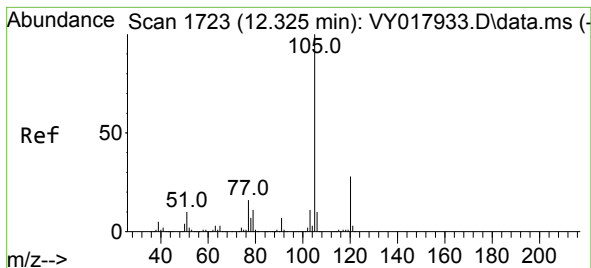
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 159.3 0.0 345.6





#73

Isopropylbenzene

Concen: 4.567 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

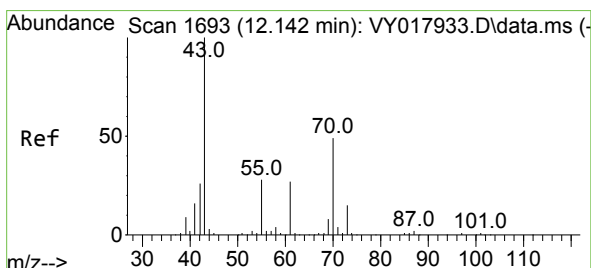
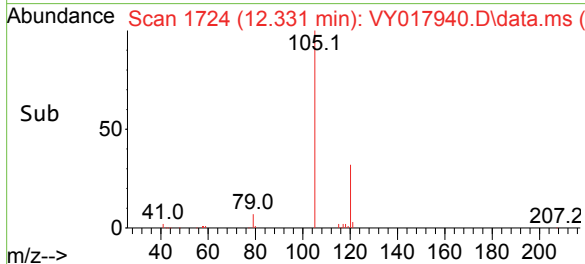
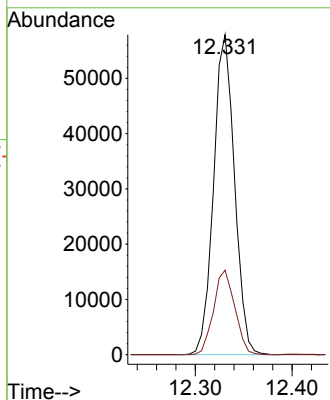
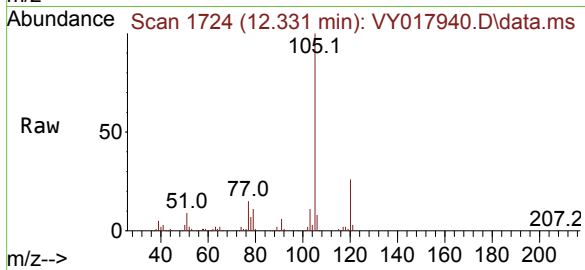
VSTDICC005

Tgt Ion:105 Resp: 86882

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 4.510 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Tgt Ion: 43 Resp: 17319

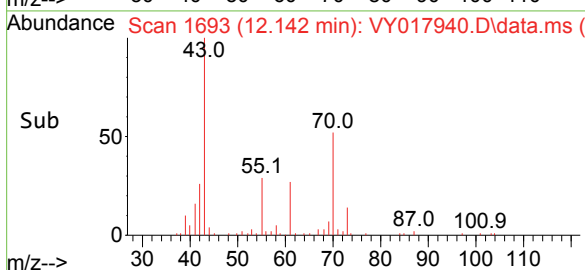
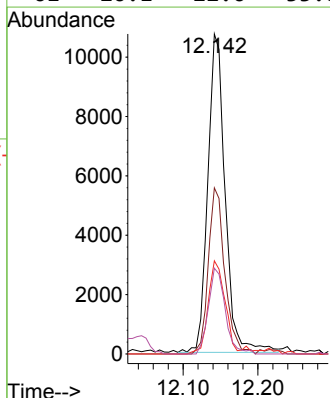
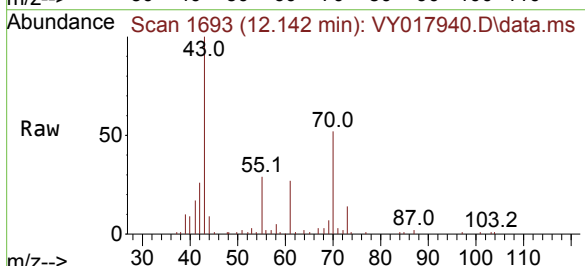
Ion Ratio Lower Upper

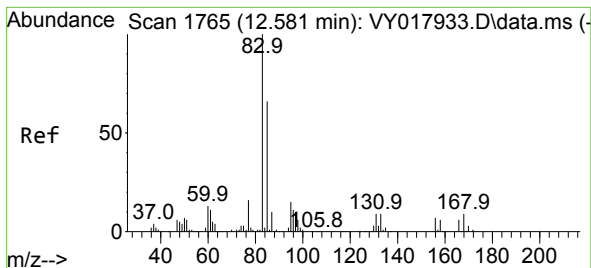
43 100

70 49.4 41.4 62.2

55 28.3 23.3 34.9

61 26.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.188 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

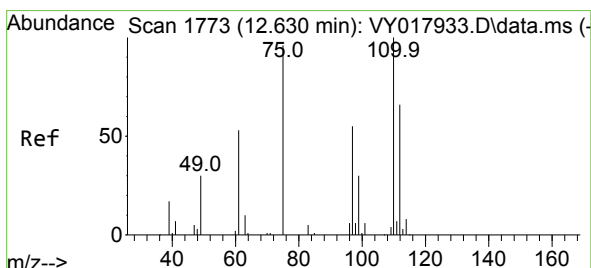
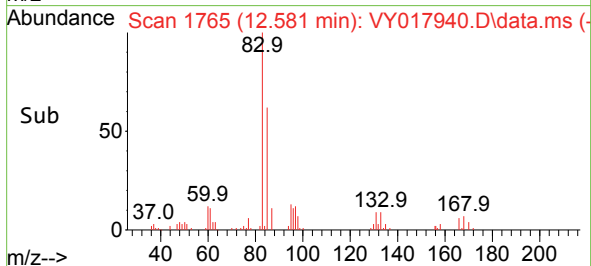
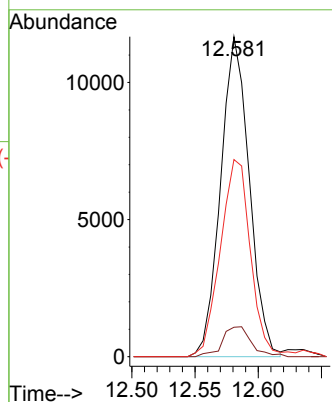
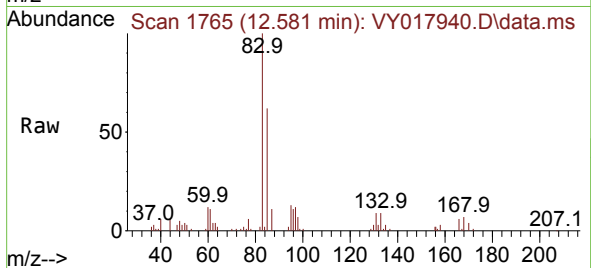
Tgt Ion: 83 Resp: 18406

Ion Ratio Lower Upper

83 100

131 9.5 5.0 14.9

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 8.889 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017940.D

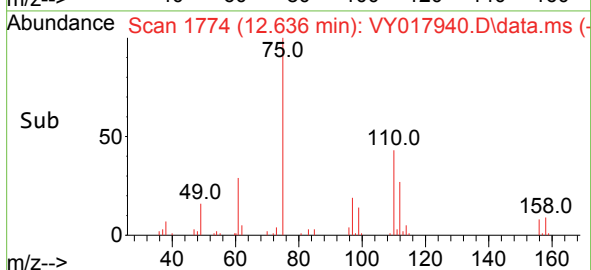
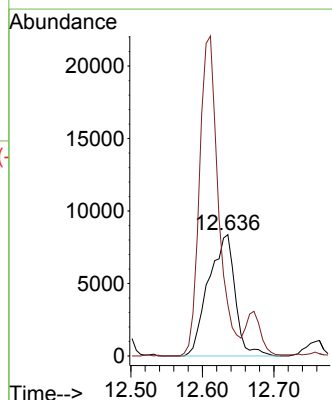
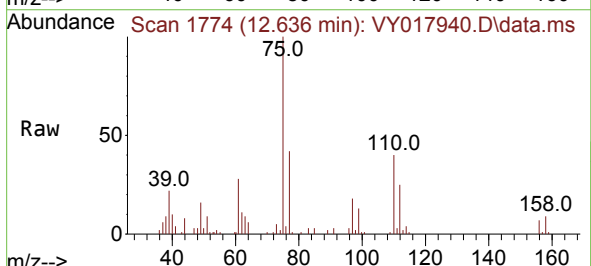
Acq: 16 Apr 2024 11:08

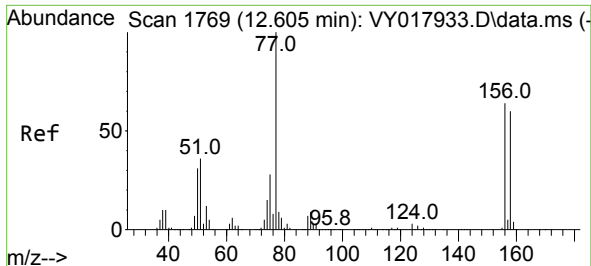
Tgt Ion: 75 Resp: 21722

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

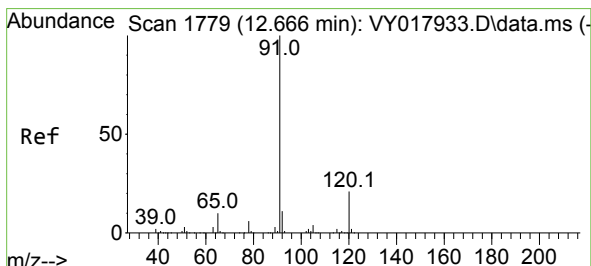
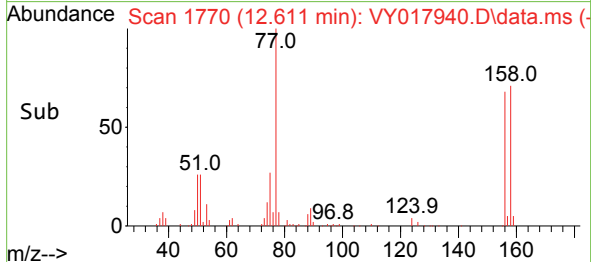
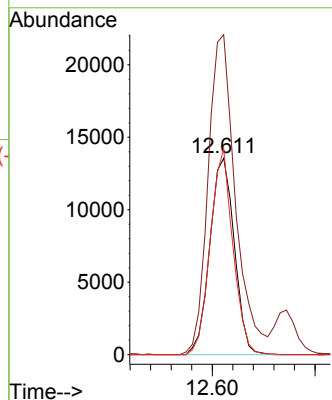
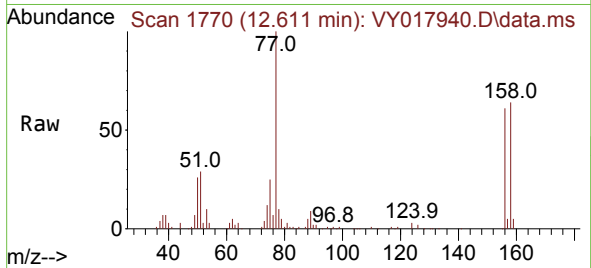




#77
Bromobenzene
Concen: 4.865 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

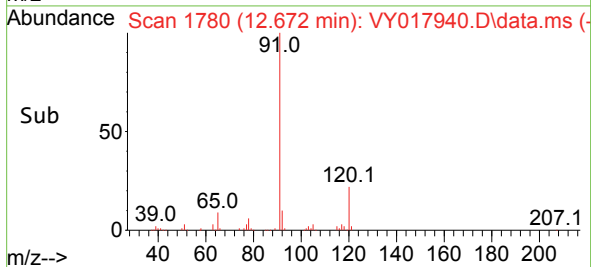
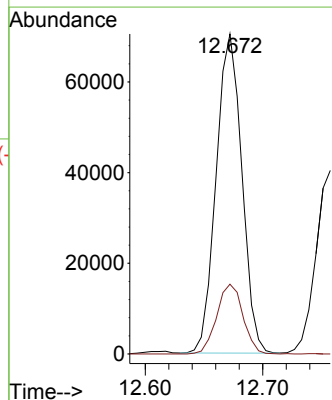
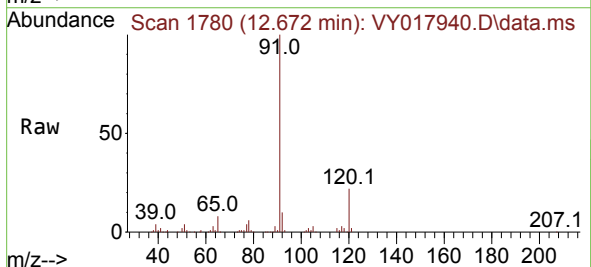
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

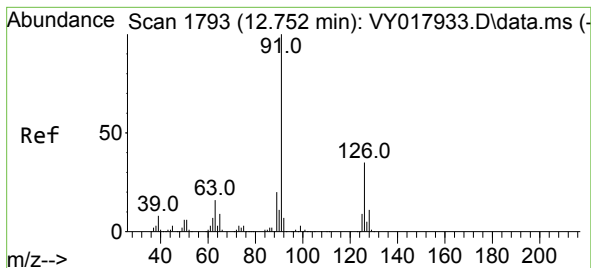
Tgt Ion:156 Resp: 22398
Ion Ratio Lower Upper
156 100
77 182.4 87.1 261.3
158 96.9 48.6 145.9



#78
n-propylbenzene
Concen: 4.638 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 91 Resp: 107057
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 4.845 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

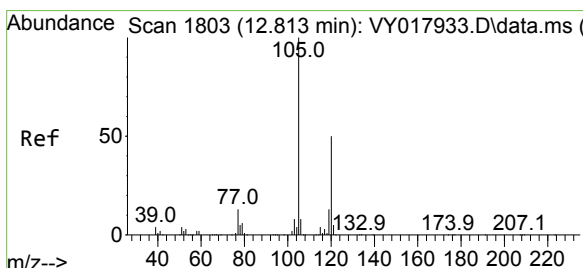
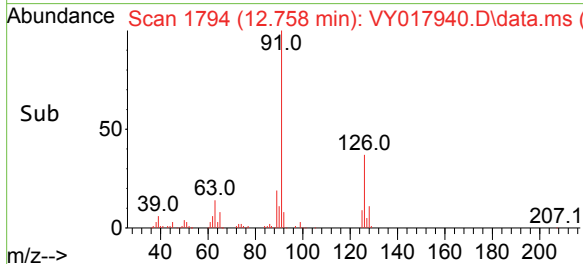
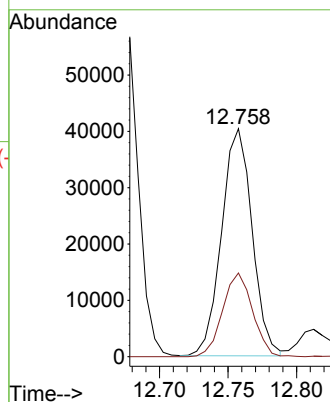
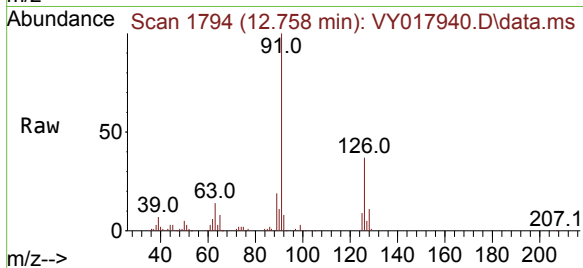
VSTDIC005

Tgt Ion: 91 Resp: 62598

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 4.514 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY017940.D

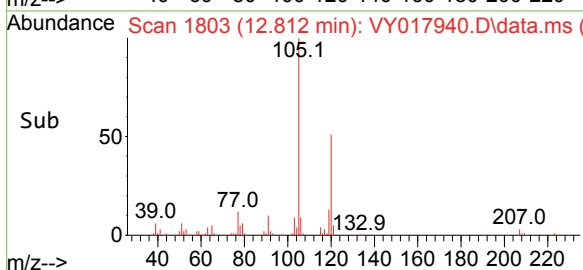
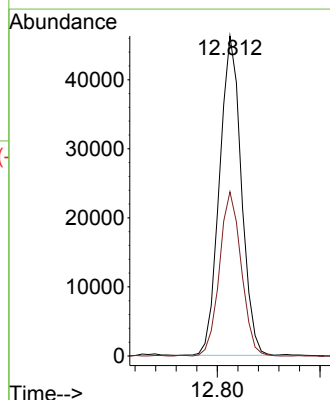
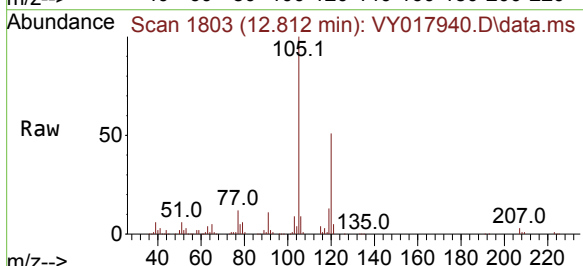
Acq: 16 Apr 2024 11:08

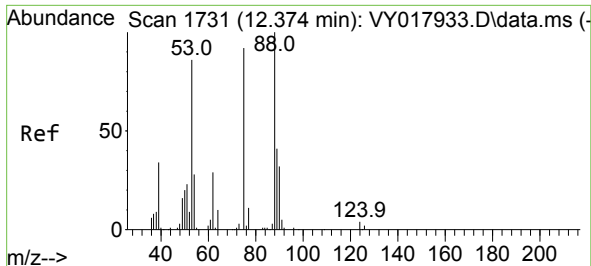
Tgt Ion: 105 Resp: 68094

Ion Ratio Lower Upper

105 100

120 51.3 25.1 75.2

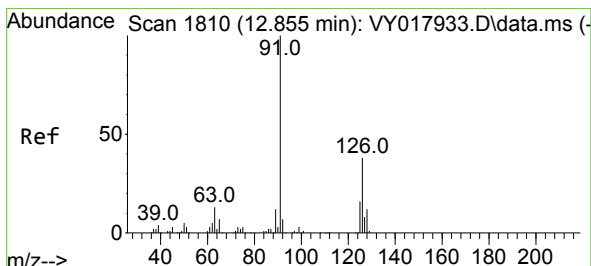
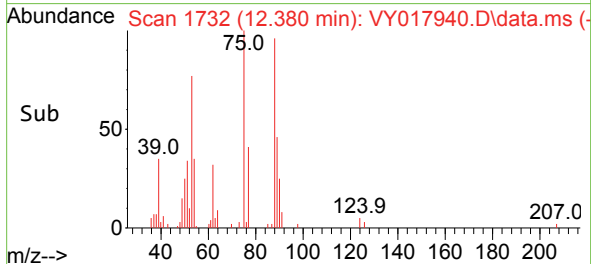
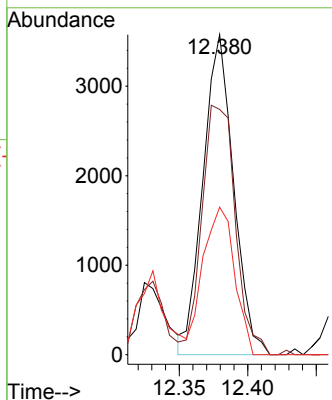
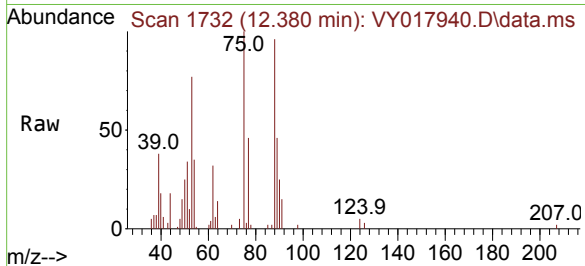




#81
trans-1,4-Dichloro-2-butene
Concen: 4.666 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

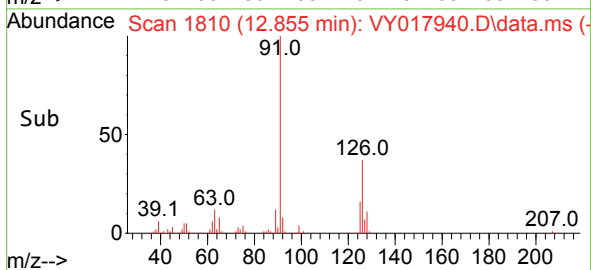
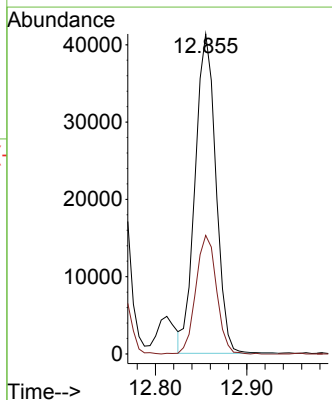
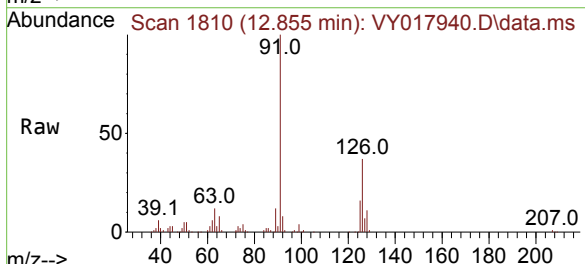
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

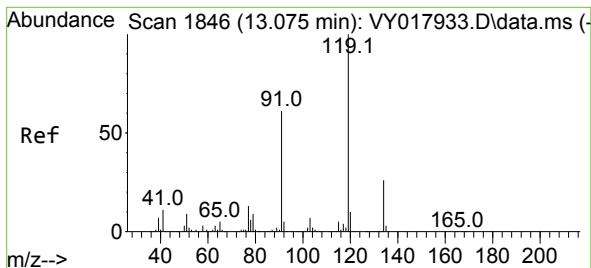
Tgt Ion: 75 Resp: 5544
Ion Ratio Lower Upper
75 100
53 85.2 66.8 100.2
89 47.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 4.859 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017940.D
Acq: 16 Apr 2024 11:08

Tgt Ion: 91 Resp: 65022
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 4.492 ug/l

RT: 13.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

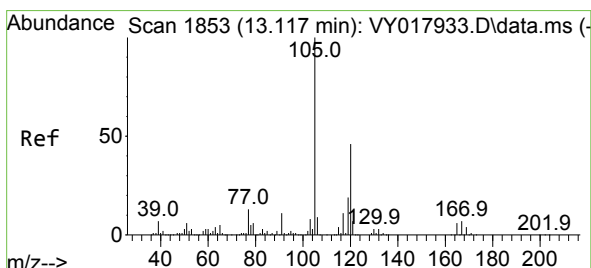
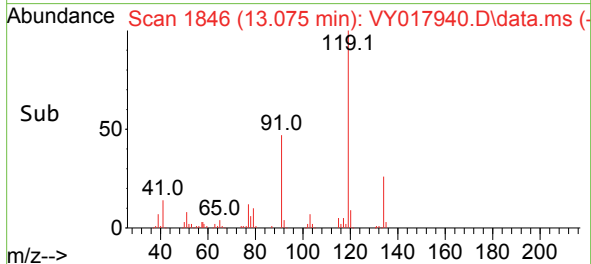
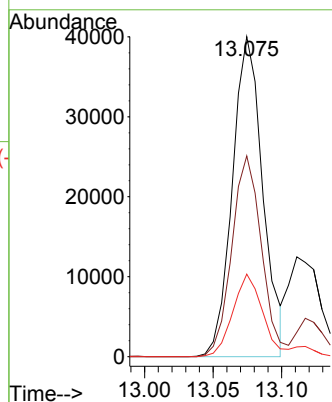
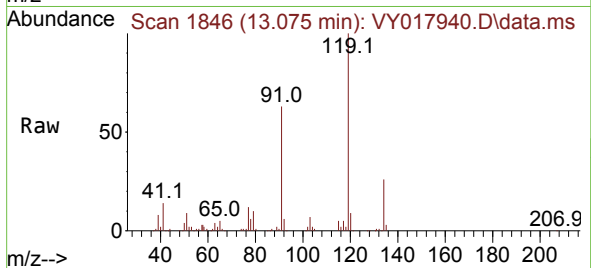
Tgt Ion:119 Resp: 61886

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 4.492 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY017940.D

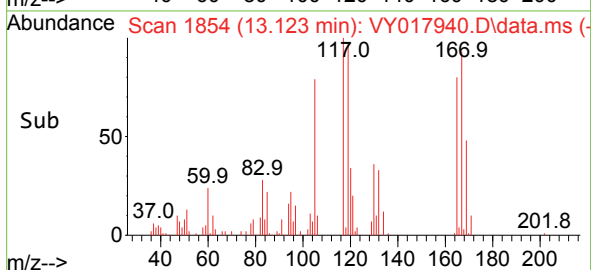
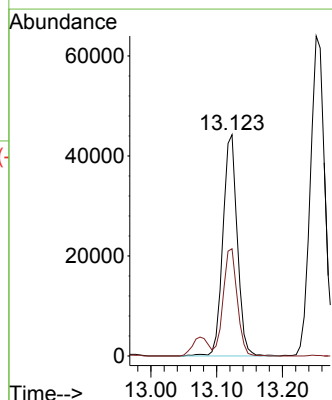
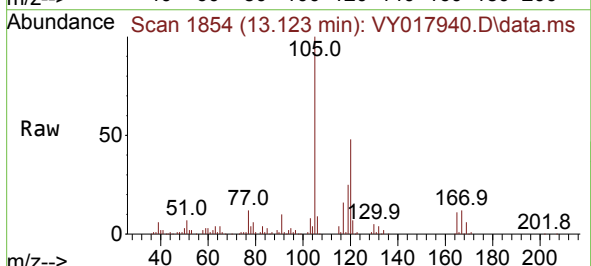
Acq: 16 Apr 2024 11:08

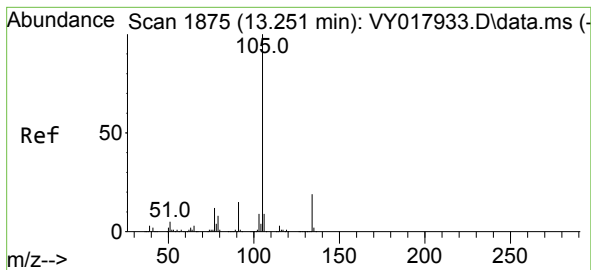
Tgt Ion:105 Resp: 67479

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.700 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

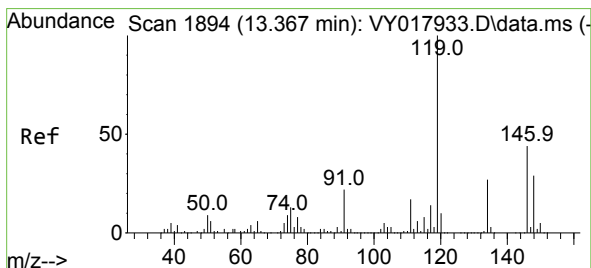
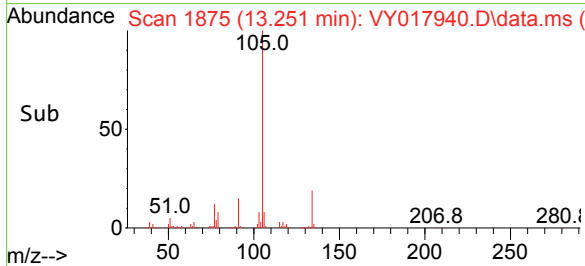
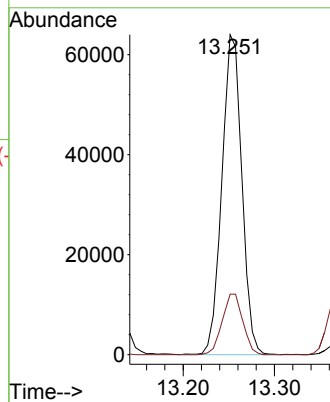
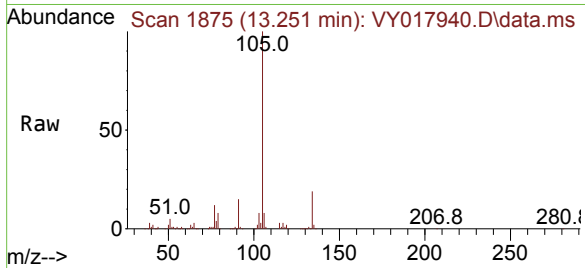
VSTDIC005

Tgt Ion:105 Resp: 97262

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 4.387 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

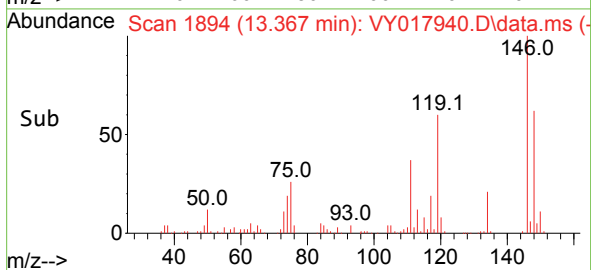
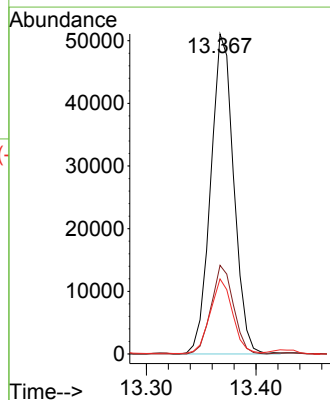
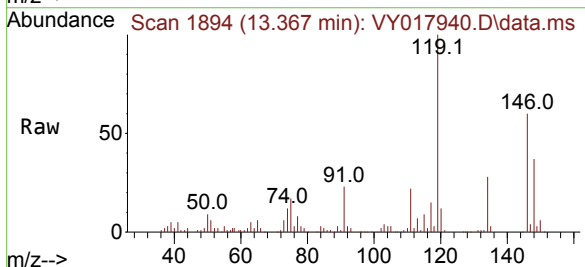
Tgt Ion:119 Resp: 74593

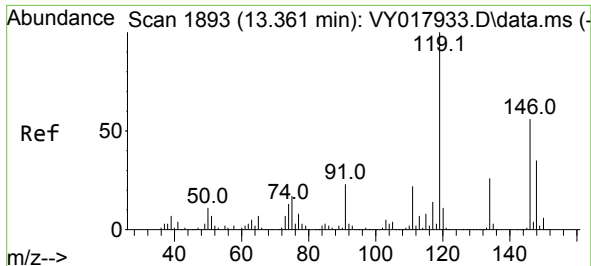
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 4.965 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

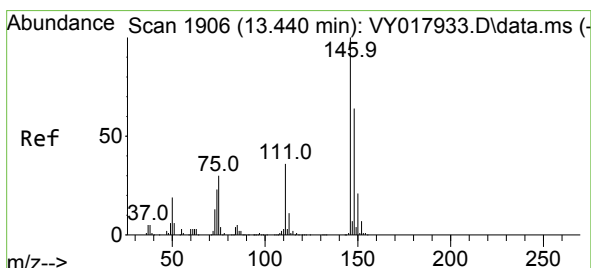
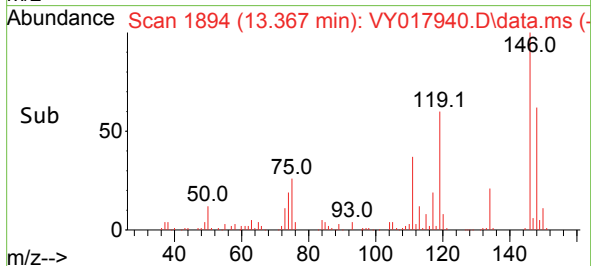
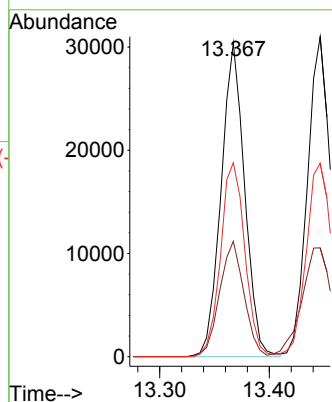
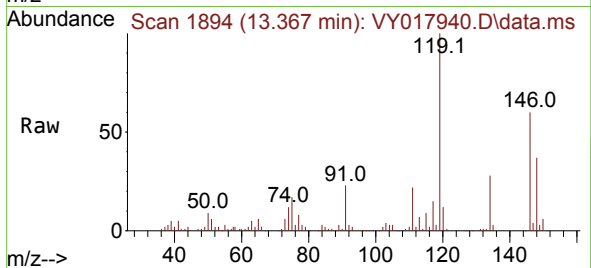
Tgt Ion:146 Resp: 45355

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 5.146 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

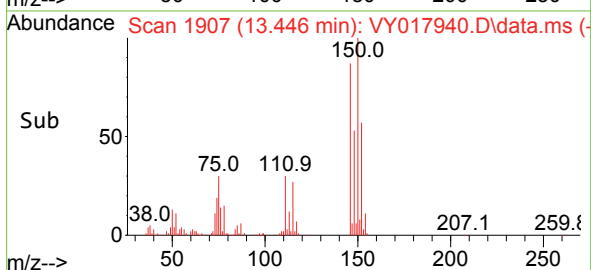
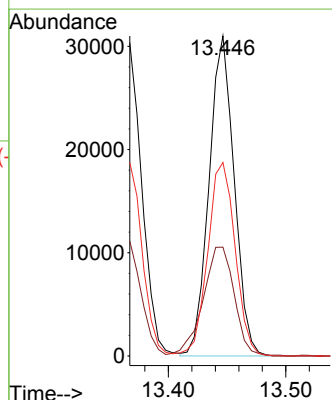
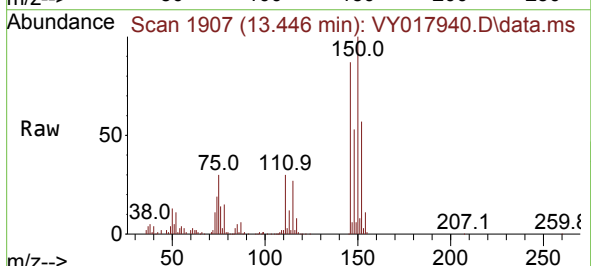
Tgt Ion:146 Resp: 46144

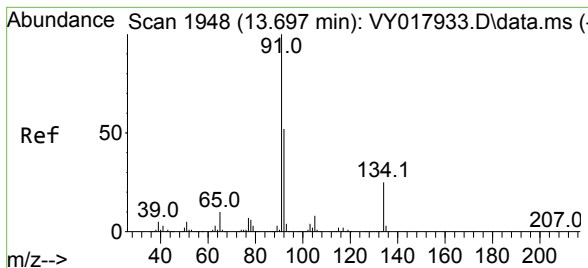
Ion Ratio Lower Upper

146 100

111 42.5 18.4 55.4

148 65.9 32.4 97.2





#89

n-Butylbenzene

Concen: 4.588 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

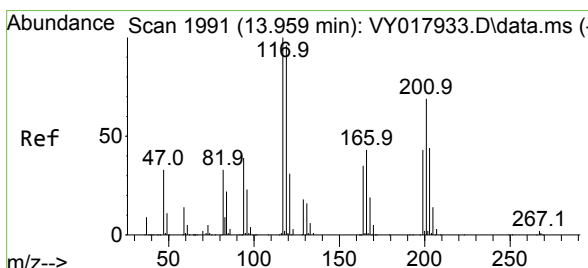
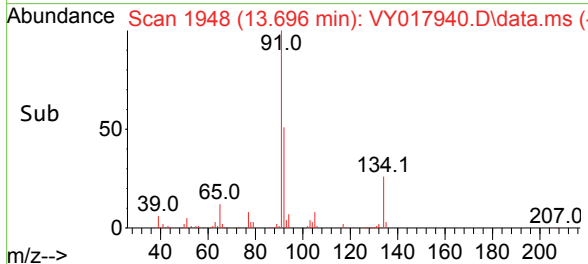
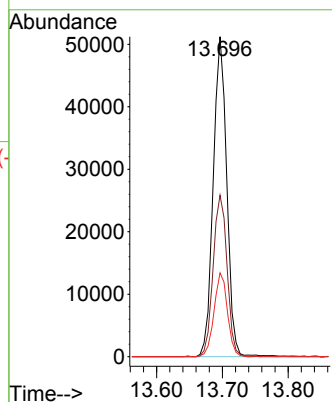
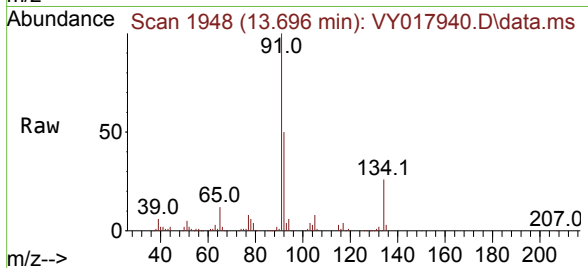
Tgt Ion: 91 Resp: 73393

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

134 25.9 12.9 38.7



#90

Hexachloroethane

Concen: 4.993 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY017940.D

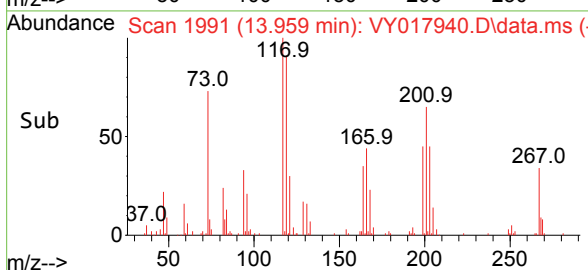
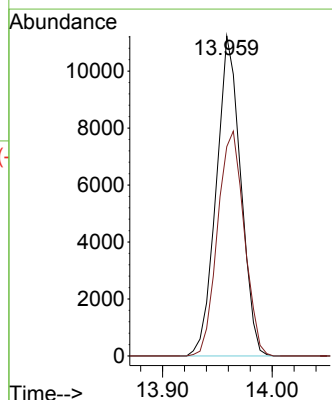
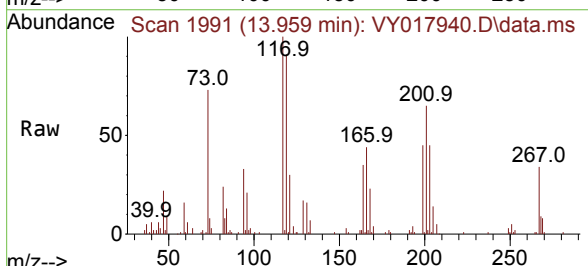
Acq: 16 Apr 2024 11:08

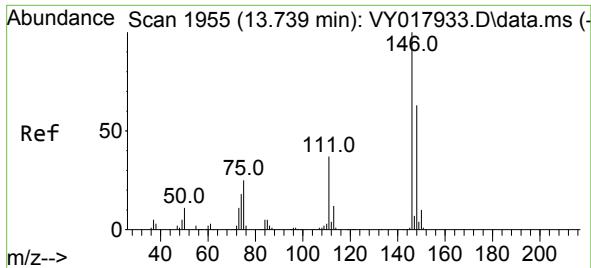
Tgt Ion: 117 Resp: 17411

Ion Ratio Lower Upper

117 100

201 76.3 37.4 112.2

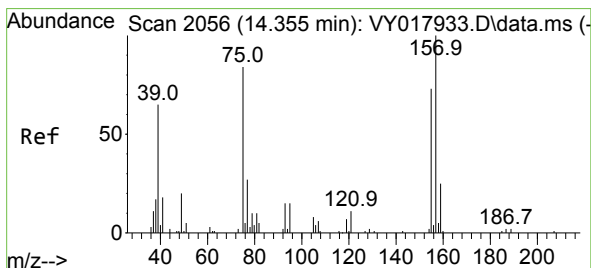
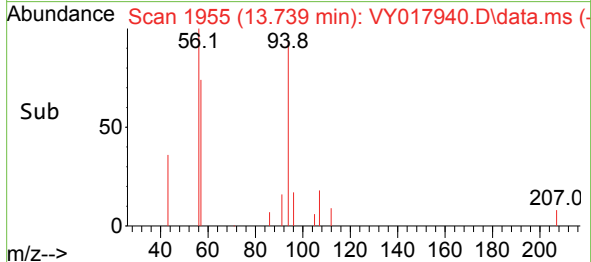
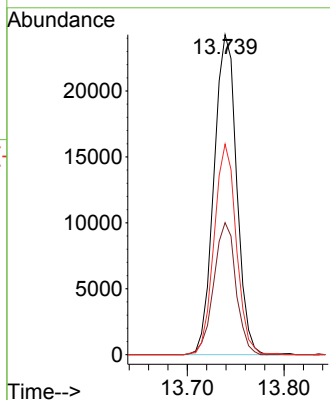
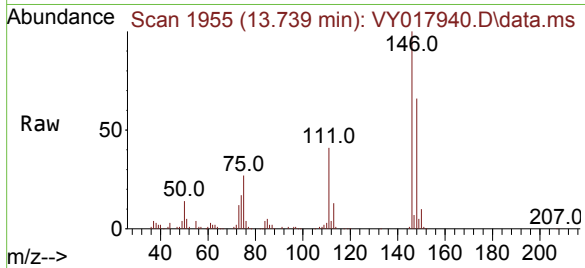




#91
 1,2-Dichlorobenzene
 Concen: 5.008 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

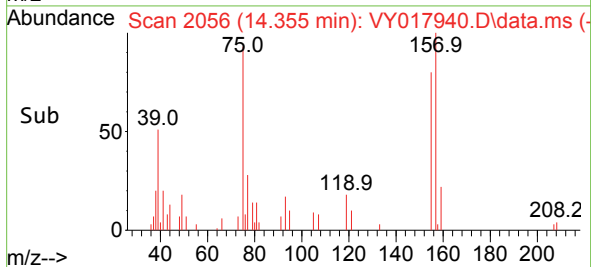
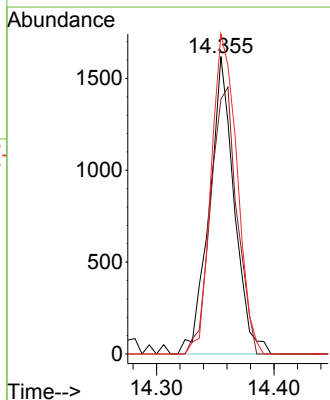
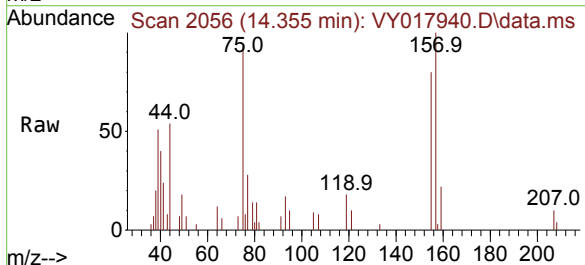
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

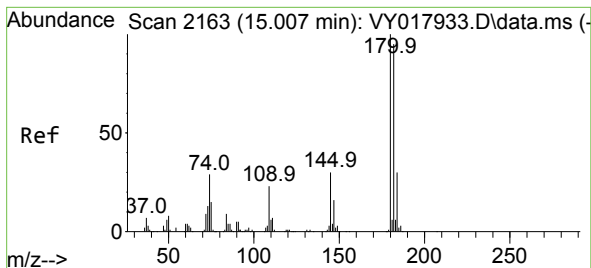
Tgt Ion:146 Resp: 39463
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 64.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.228 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY017940.D
 Acq: 16 Apr 2024 11:08

Tgt Ion: 75 Resp: 2386
 Ion Ratio Lower Upper
 75 100
 155 95.1 48.6 145.8
 157 111.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.709 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

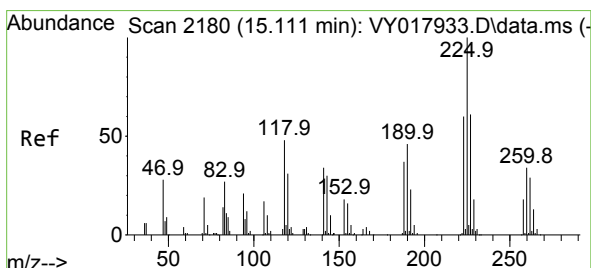
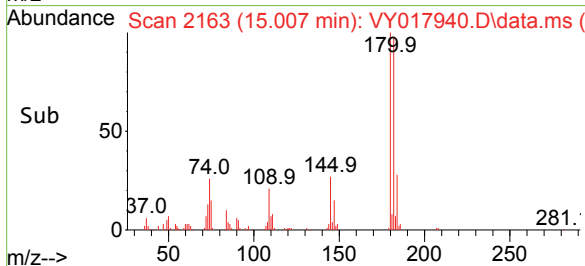
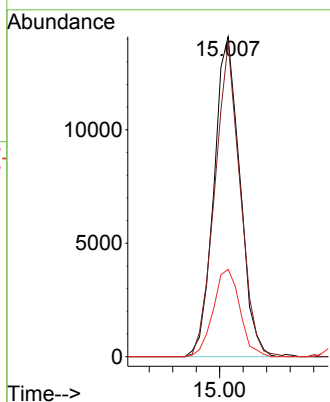
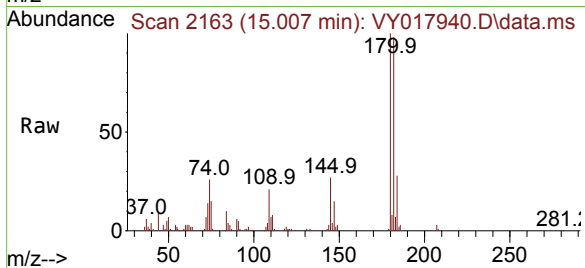
Tgt Ion:180 Resp: 21610

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.919 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

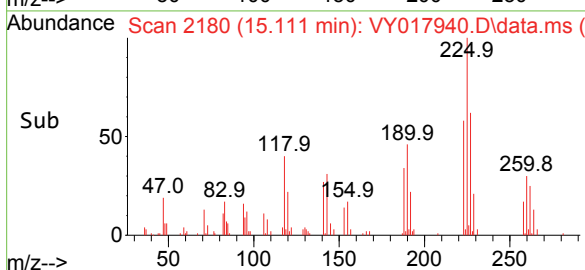
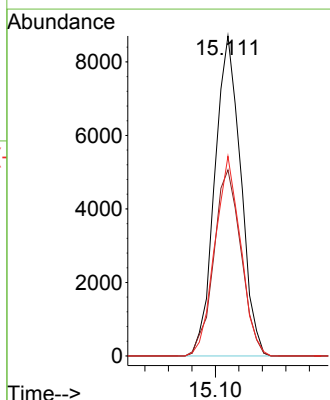
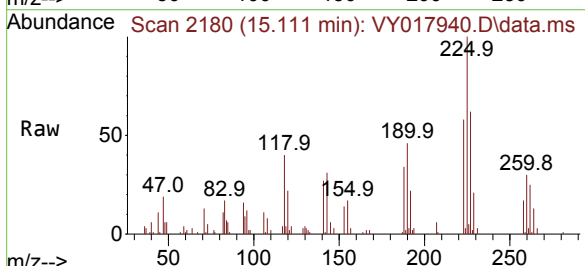
Tgt Ion:225 Resp: 13392

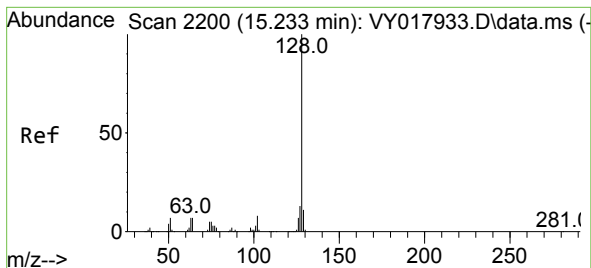
Ion Ratio Lower Upper

225 100

223 61.1 30.4 91.2

227 62.0 31.9 95.9





#95

Naphthalene

Concen: 4.231 ug/l

RT: 15.233 min Scan# 21995

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

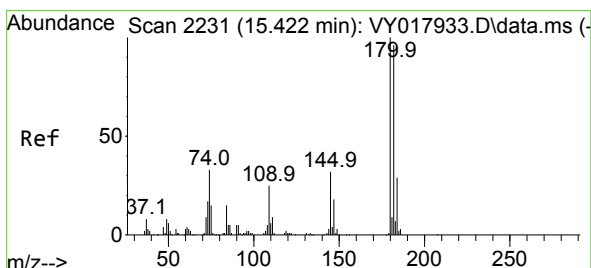
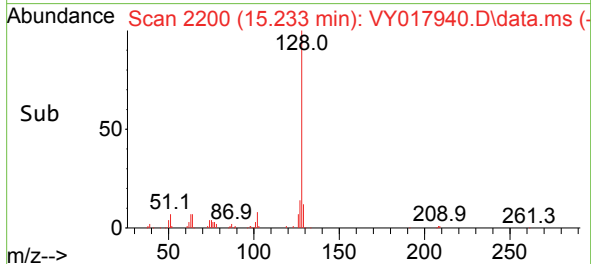
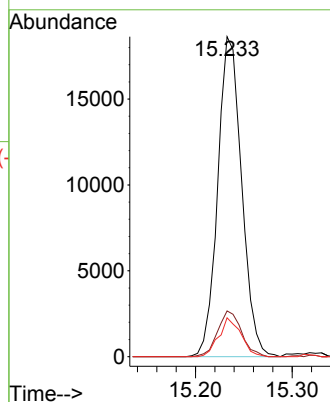
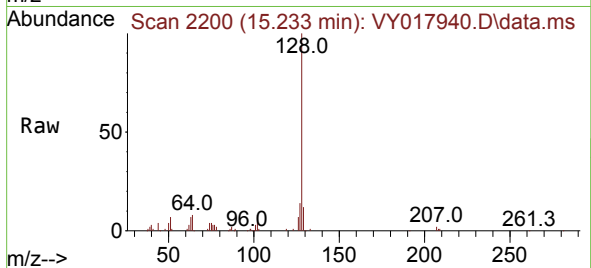
Tgt Ion:128 Resp: 31995

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.680 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY017940.D

Acq: 16 Apr 2024 11:08

Tgt Ion:180 Resp: 18022

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 29.1 15.4 46.1

