

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017408.D
 Acq On : 19 Feb 2024 17:03
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 20 06:05:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 05:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	155434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11477	8.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	17.280%#
35) Dibromofluoromethane	7.722	113	12810	8.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	17.440%#
50) Toluene-d8	10.185	98	47506	8.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	16.680%#
62) 4-Bromofluorobenzene	12.489	95	13866	8.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	17.560%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14112	11.386	ug/l	99
3) Chloromethane	2.119	50	28941	11.441	ug/l	96
4) Vinyl Chloride	2.253	62	37367	11.346	ug/l	96
5) Bromomethane	2.656	94	31259	10.449	ug/l	96
6) Chloroethane	2.802	64	23563	11.231	ug/l	100
7) Trichlorofluoromethane	3.131	101	31183	11.040	ug/l	99
8) Diethyl Ether	3.534	74	8230	10.309	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	18238	11.171	ug/l	98
10) Methyl Iodide	4.101	142	16376	9.426	ug/l	98
11) Tert butyl alcohol	4.954	59	5744	55.634	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	16248	10.589	ug/l	96
13) Acrolein	3.735	56	6701	48.500	ug/l	98
14) Allyl chloride	4.491	41	19653	10.567	ug/l	99
15) Acrylonitrile	5.167	53	15913	50.138	ug/l	99
16) Acetone	3.948	43	14905	51.830	ug/l #	86
17) Carbon Disulfide	4.204	76	53916	11.060	ug/l	97
18) Methyl Acetate	4.491	43	6274	9.621	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	34415	9.929	ug/l	99
20) Methylene Chloride	4.722	84	28121	11.213	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	18857	10.625	ug/l	96
22) Diisopropyl ether	6.125	45	43734	10.224	ug/l #	91
23) Vinyl Acetate	6.070	43	125304	49.288	ug/l	98
24) 1,1-Dichloroethane	6.027	63	31214	10.763	ug/l	98
25) 2-Butanone	6.996	43	19643	48.661	ug/l	93
26) 2,2-Dichloropropane	6.984	77	25873	10.368	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	20126	10.210	ug/l	98
28) Bromochloromethane	7.344	49	11405	10.481	ug/l	99
29) Tetrahydrofuran	7.356	42	11520	48.546	ug/l	97
30) Chloroform	7.515	83	32227	10.526	ug/l	98
31) Cyclohexane	7.795	56	28381	10.797	ug/l #	90
32) 1,1,1-Trichloroethane	7.710	97	28866	10.675	ug/l	97
36) 1,1-Dichloropropene	7.923	75	26085	10.638	ug/l	98
37) Ethyl Acetate	7.076	43	8971	10.047	ug/l	98
38) Carbon Tetrachloride	7.905	117	25692	10.524	ug/l	98
39) Methylcyclohexane	9.191	83	30145	10.043	ug/l	96
40) Benzene	8.167	78	73484	10.257	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	11440	26.236	ug/l #	36
42) 1,2-Dichloroethane	8.240	62	17946	10.320	ug/l	100
43) Isopropyl Acetate	8.277	43	15678	9.717	ug/l	98
44) Trichloroethene	8.947	130	20156	10.379	ug/l	97
45) 1,2-Dichloropropane	9.228	63	16869	10.186	ug/l	96
46) Dibromomethane	9.319	93	9320	9.901	ug/l	99
47) Bromodichloromethane	9.502	83	23679	10.231	ug/l	94
48) Methyl methacrylate	9.301	41	7186	9.492	ug/l	94
49) 1,4-Dioxane	9.301	88	1879	190.857	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	40557	46.649	ug/l	98
52) Toluene	10.252	92	44895	10.038	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	20598	9.612	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	25775	9.803	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	12918	9.974	ug/l	97
56) Ethyl methacrylate	10.520	69	12870	10.998	ug/l	93
57) 1,3-Dichloropropane	10.794	76	21517	10.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	33389	43.147	ug/l	100
59) 2-Hexanone	10.843	43	26821	44.788	ug/l	96
60) Dibromochloromethane	10.990	129	14873	9.660	ug/l	100
61) 1,2-Dibromoethane	11.099	107	12068	9.960	ug/l	97
64) Tetrachloroethene	10.727	164	18051	10.556	ug/l	99
65) Chlorobenzene	11.526	112	47460	10.310	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	17284	10.083	ug/l	97
67) Ethyl Benzene	11.599	91	81359	9.882	ug/l	99
68) m/p-Xylenes	11.709	106	63740	19.695	ug/l	98
69) o-Xylene	12.038	106	28576	9.625	ug/l	100
70) Styrene	12.050	104	45861	9.405	ug/l	100
71) Bromoform	12.215	173	8414	9.434	ug/l #	99
73) Isopropylbenzene	12.337	105	75477	10.343	ug/l	100
74) N-amyl acetate	12.148	43	12104	9.526	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	13360	10.244	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	16660	18.139	ug/l #	100
77) Bromobenzene	12.617	156	17559	10.260	ug/l	98
78) n-propylbenzene	12.678	91	91966	10.419	ug/l	98
79) 2-Chlorotoluene	12.764	91	51430	10.582	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	58687	10.055	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	3619	9.212	ug/l	97
82) 4-Chlorotoluene	12.861	91	53103	10.588	ug/l	100
83) tert-Butylbenzene	13.081	119	52404	10.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	57811	9.998	ug/l	100
85) sec-Butylbenzene	13.257	105	80760	10.316	ug/l	99
86) p-Isopropyltoluene	13.379	119	63859	9.904	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	35679	10.323	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	34735	10.409	ug/l	96
89) n-Butylbenzene	13.702	91	59166	10.089	ug/l	98
90) Hexachloroethane	13.971	117	13354	10.570	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	29850	10.261	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1670	10.131	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	14571	9.579	ug/l	98
94) Hexachlorobutadiene	15.117	225	9869	10.668	ug/l	99
95) Naphthalene	15.245	128	21151	10.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	11984	9.371	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Feb 20 05:58:22 2024
Response via : Initial Calibration

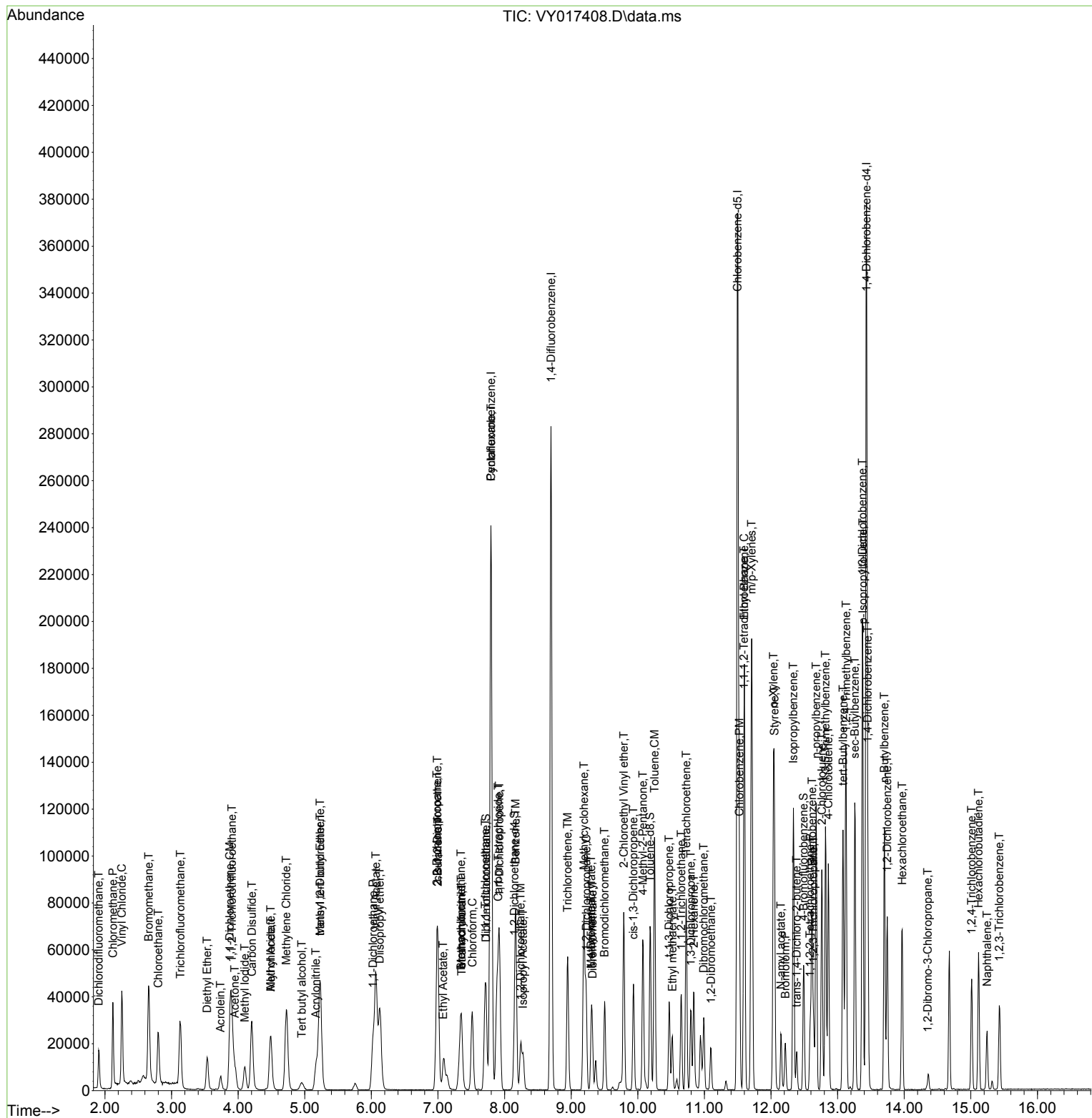
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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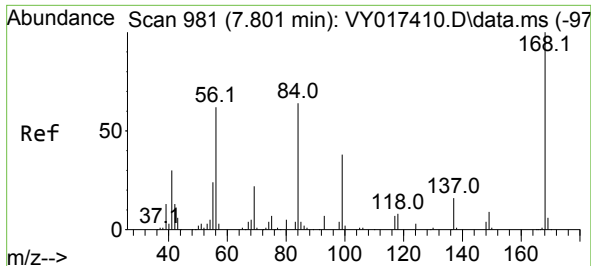
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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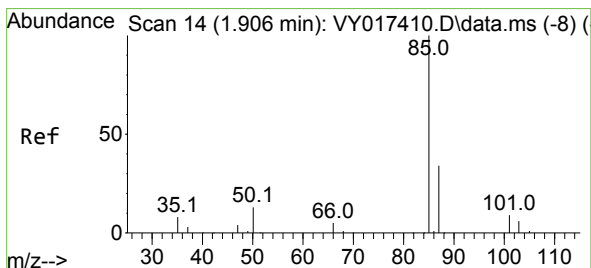
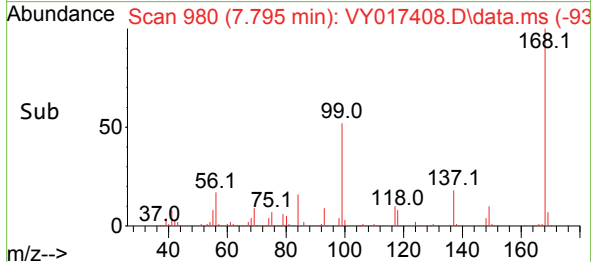
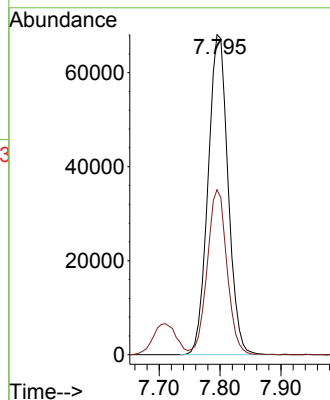
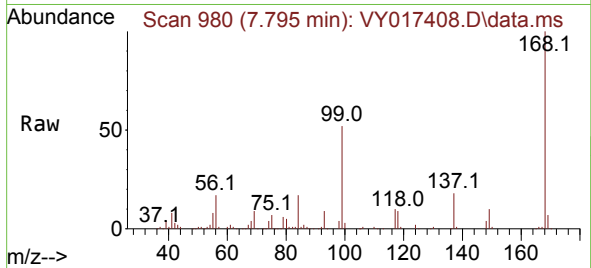




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY017408.D
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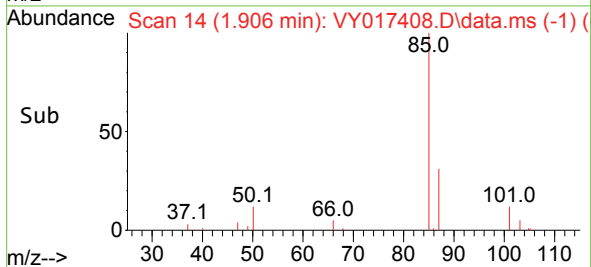
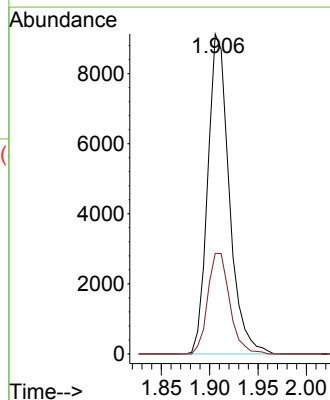
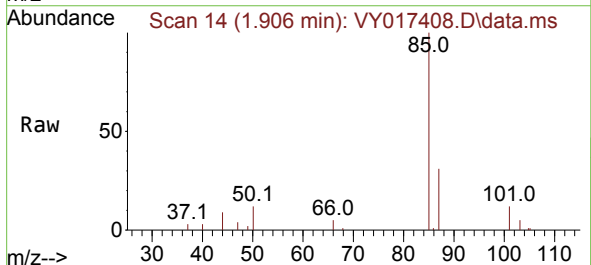
Instrument :
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ClientSampleId :
VSTDICC010

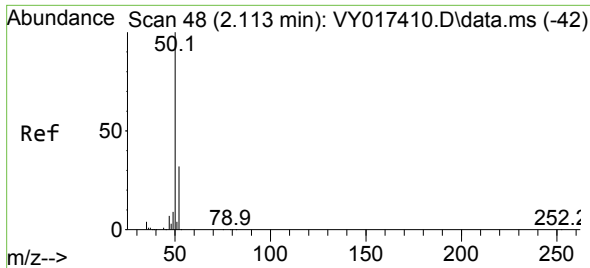
Tgt Ion:168 Resp: 155434
Ion Ratio Lower Upper
168 100
99 51.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 11.386 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 85 Resp: 14112
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

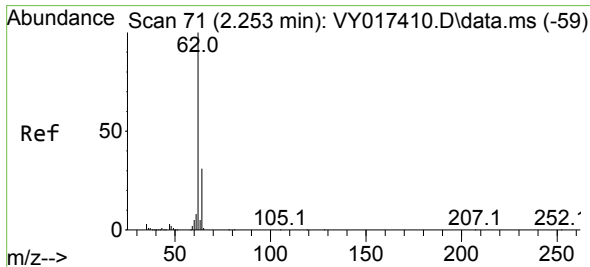
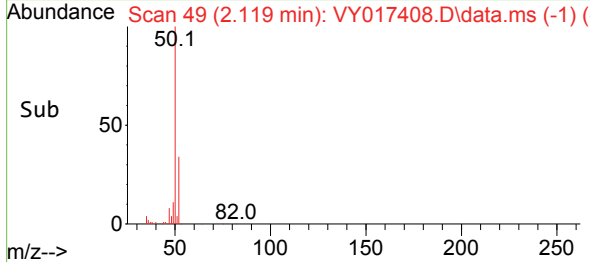
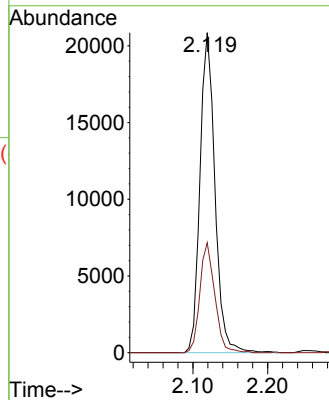
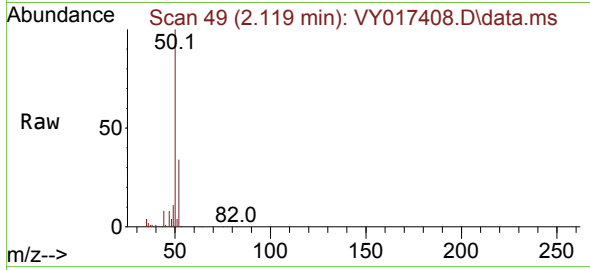




#3
Chloromethane
Concen: 11.441 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

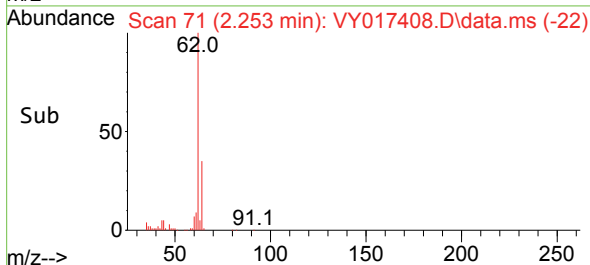
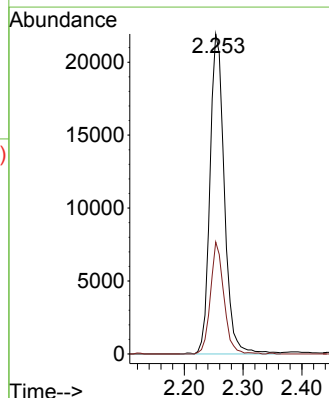
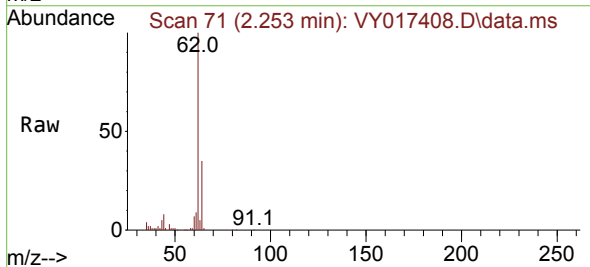
Instrument :
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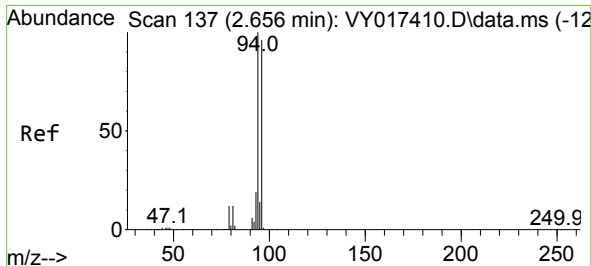
Tgt Ion: 50 Resp: 28941
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 11.346 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 62 Resp: 37367
Ion Ratio Lower Upper
62 100
64 35.0 26.1 39.1

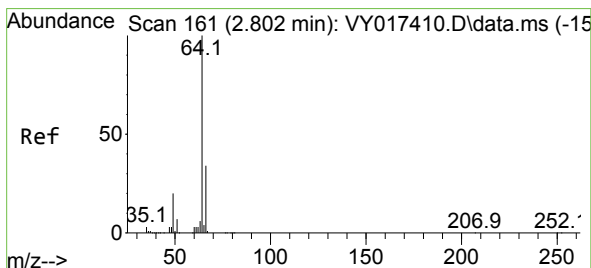
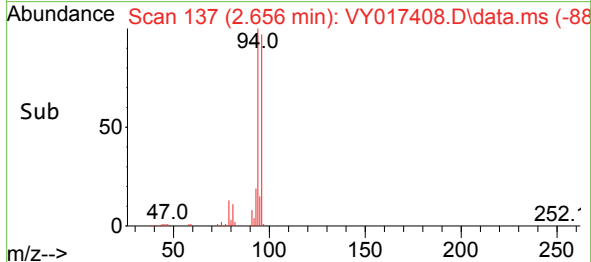
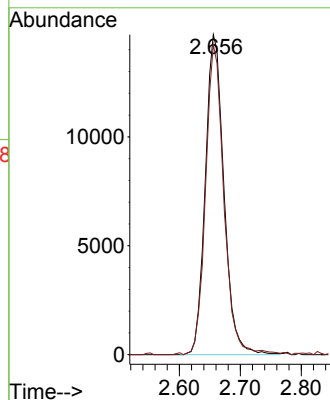
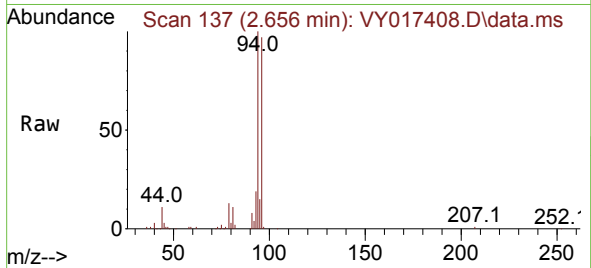




#5
Bromomethane
Concen: 10.449 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

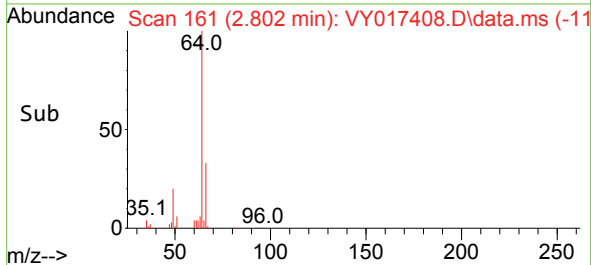
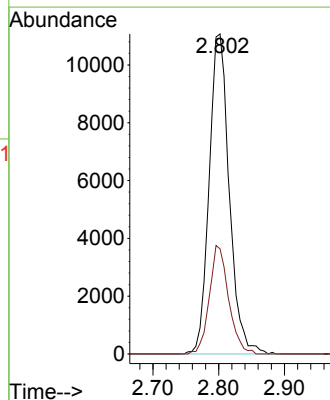
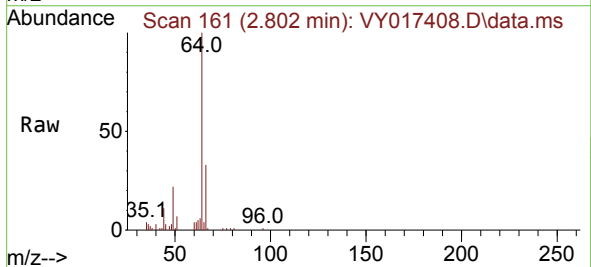
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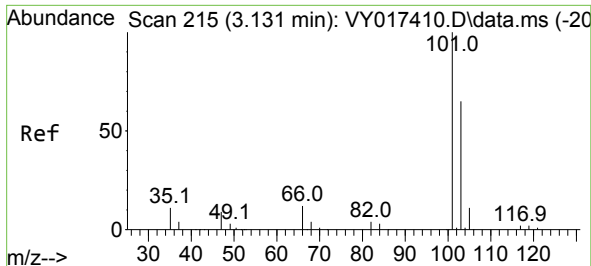
Tgt Ion: 94 Resp: 31259
Ion Ratio Lower Upper
94 100
96 96.4 74.1 111.1



#6
Chloroethane
Concen: 11.231 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 64 Resp: 23563
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1

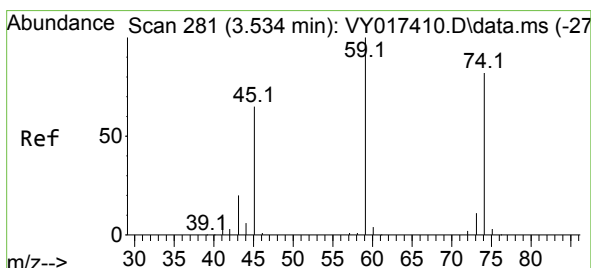
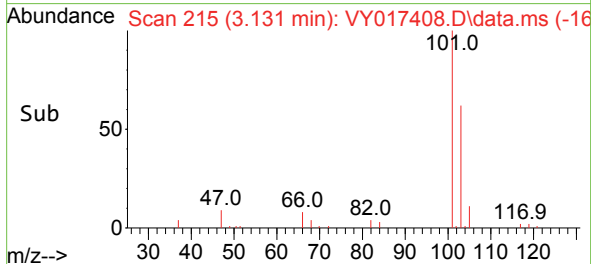
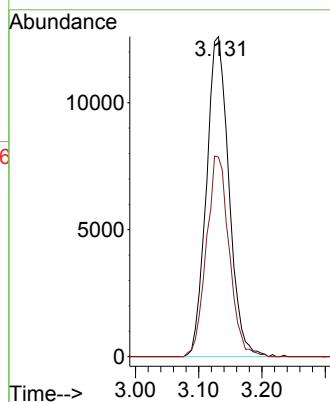
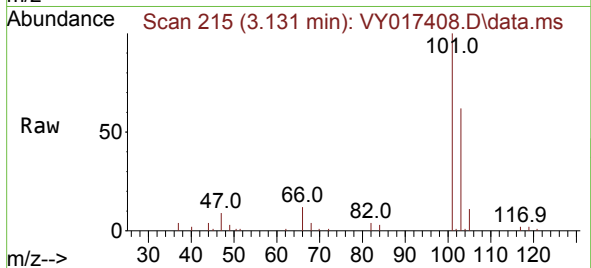




#7
 Trichlorofluoromethane
 Concen: 11.040 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017408.D
 Acq: 19 Feb 2024 17:03

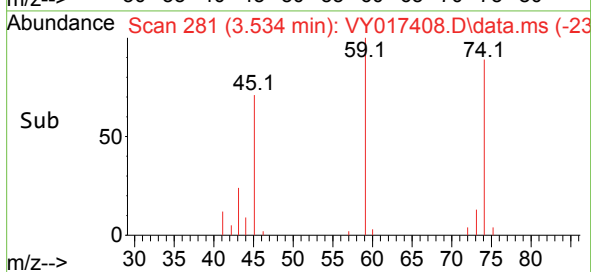
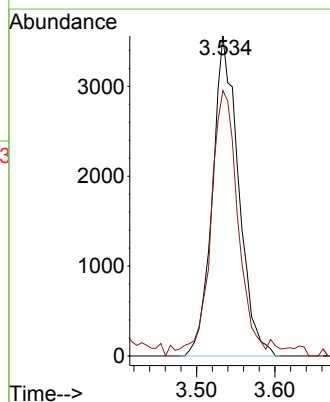
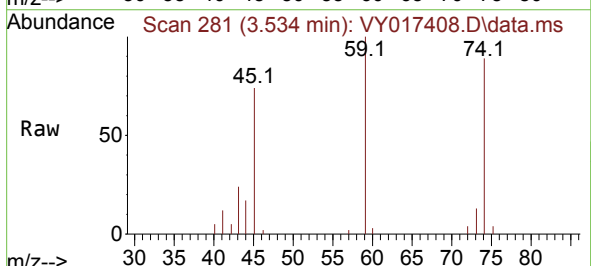
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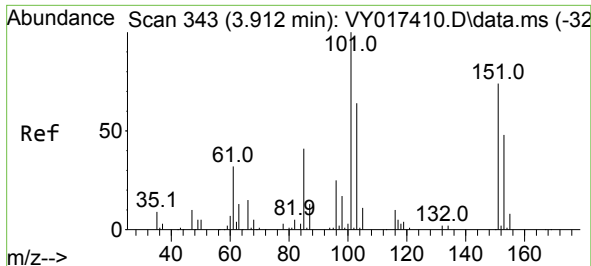
Tgt Ion:101 Resp: 31183
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 10.309 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 8230
 Ion Ratio Lower Upper
 74 100
 45 86.9 41.3 124.1

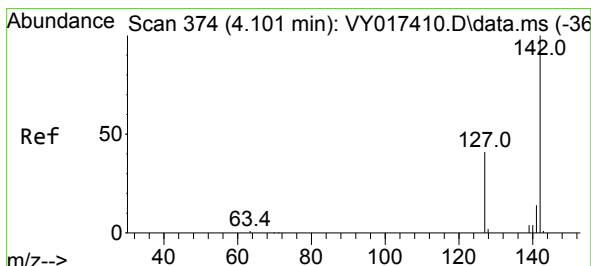
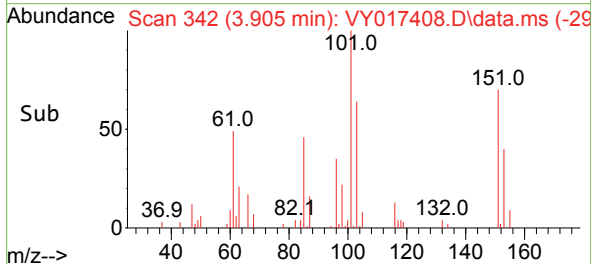
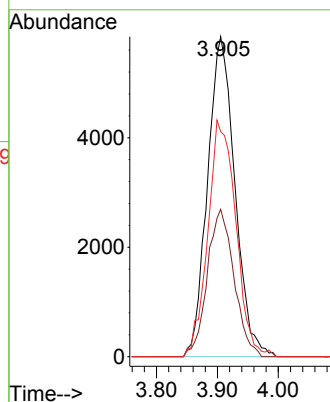
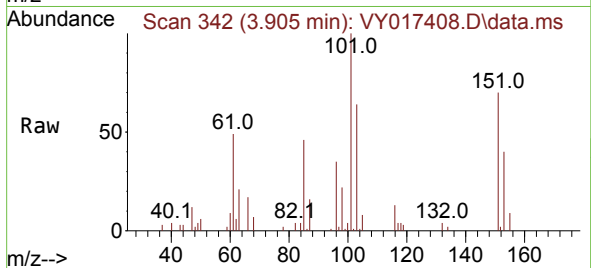




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.171 ug/l
RT: 3.905 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

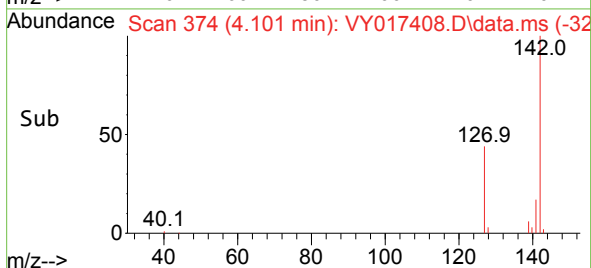
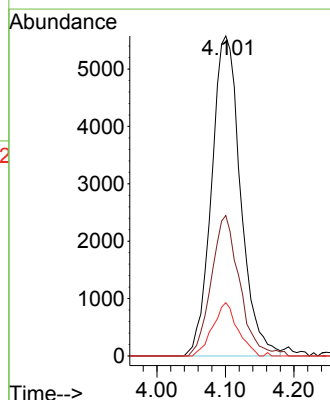
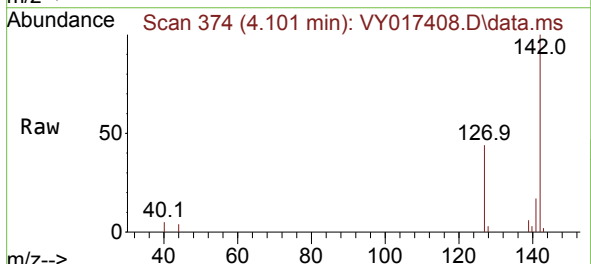
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

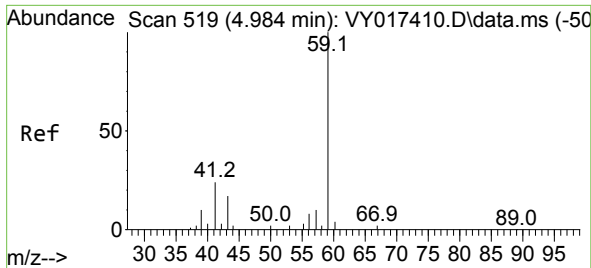
Tgt Ion:101 Resp: 18238
Ion Ratio Lower Upper
101 100
85 45.0 34.5 51.7
151 75.6 61.7 92.5



#10
Methyl Iodide
Concen: 9.426 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion:142 Resp: 16376
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 14.3 11.4 17.2

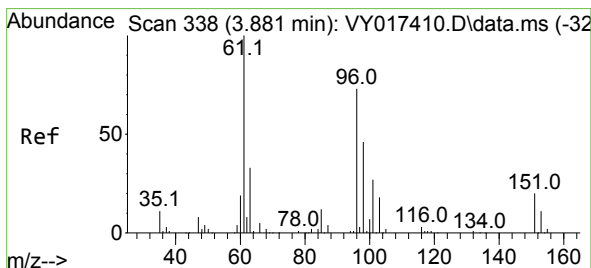
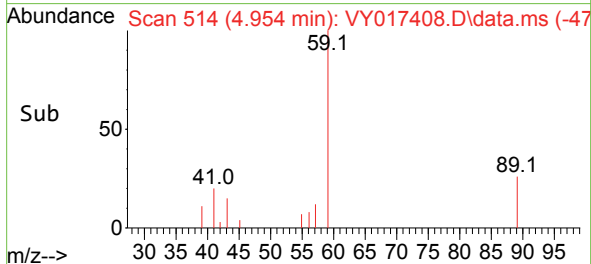
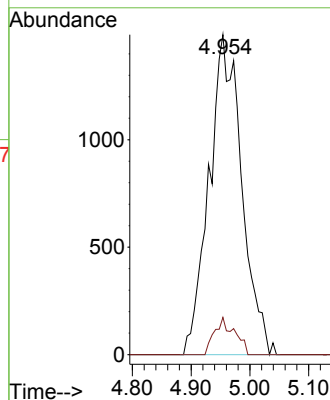
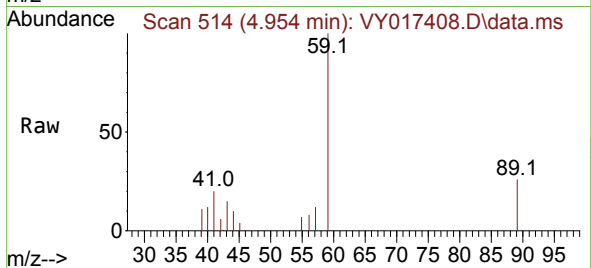




#11
Tert butyl alcohol
Concen: 55.634 ug/l
RT: 4.954 min Scan# 519
Delta R.T. -0.030 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

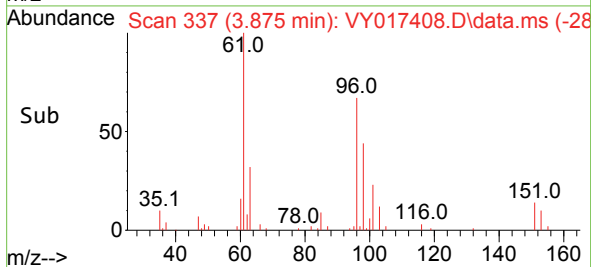
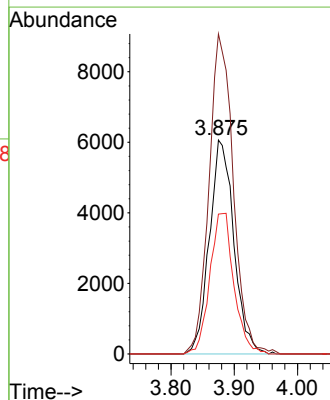
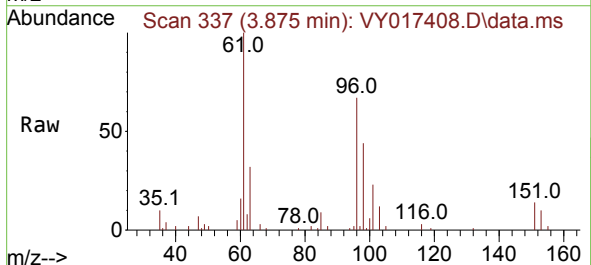
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

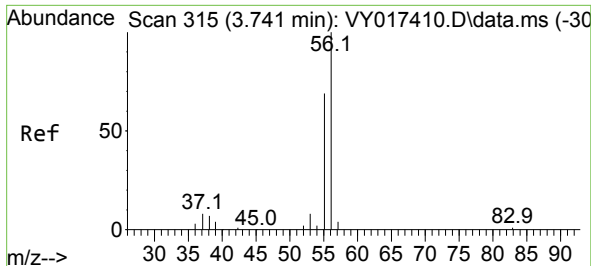
Tgt Ion: 59 Resp: 5744
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 10.589 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 96 Resp: 16248
Ion Ratio Lower Upper
96 100
61 149.6 114.6 171.8
98 65.4 50.8 76.2





#13

Acrolein

Concen: 48.500 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

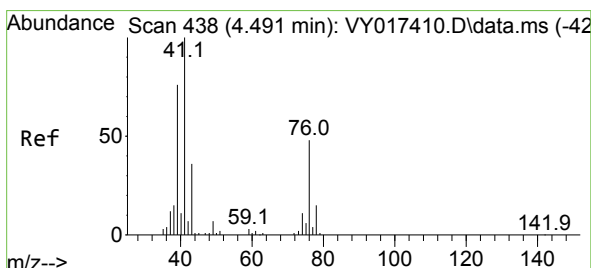
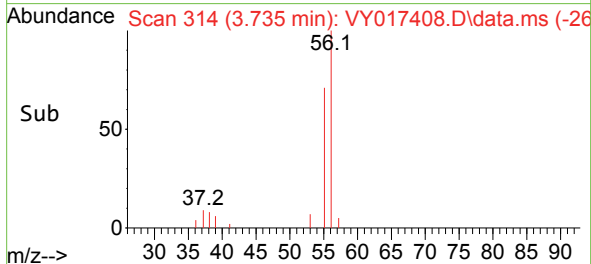
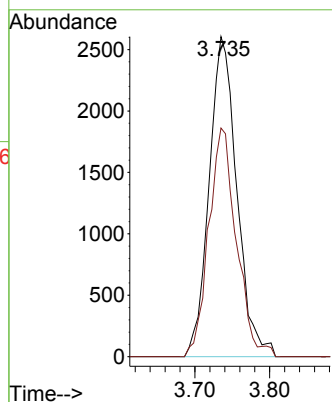
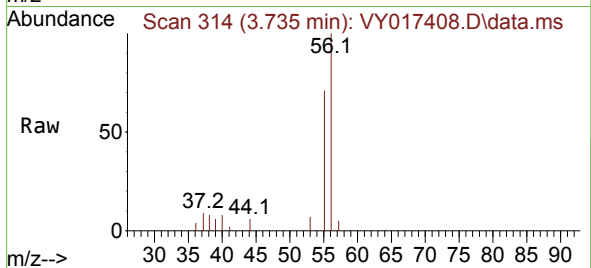
VSTDICC010

Tgt Ion: 56 Resp: 6701

Ion Ratio Lower Upper

56 100

55 71.5 55.7 83.5



#14

Allyl chloride

Concen: 10.567 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

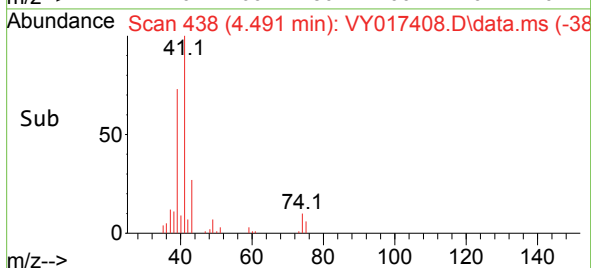
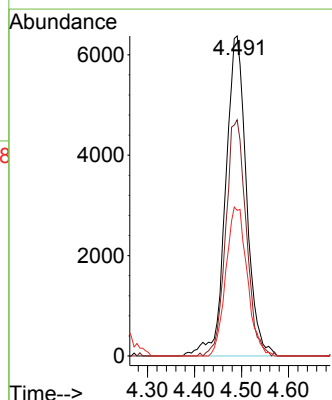
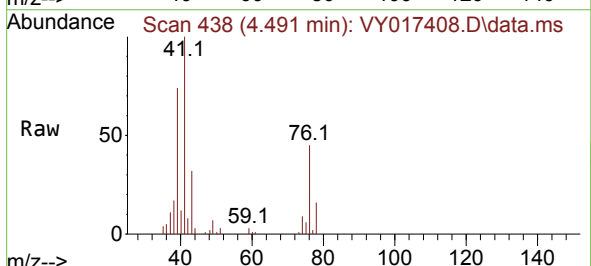
Tgt Ion: 41 Resp: 19653

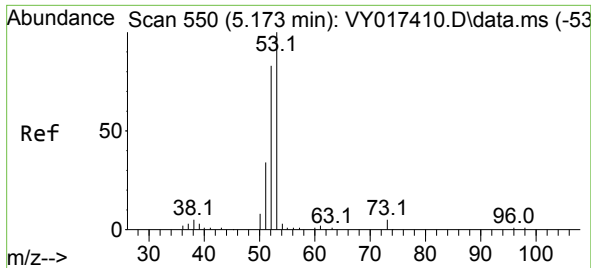
Ion Ratio Lower Upper

41 100

39 72.4 58.3 87.5

76 47.8 39.0 58.6

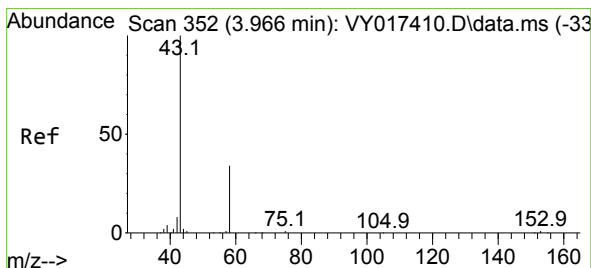
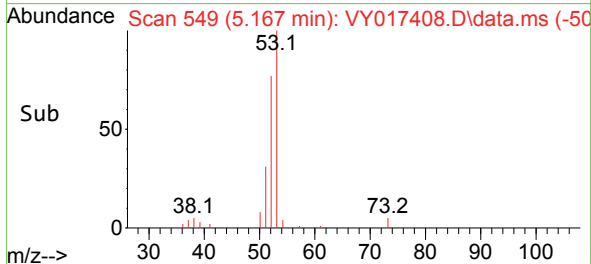
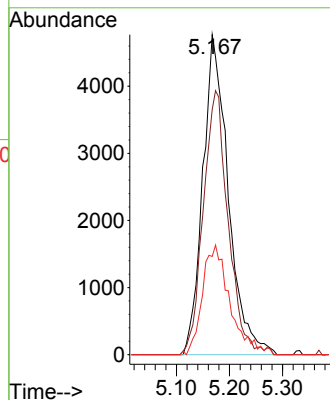
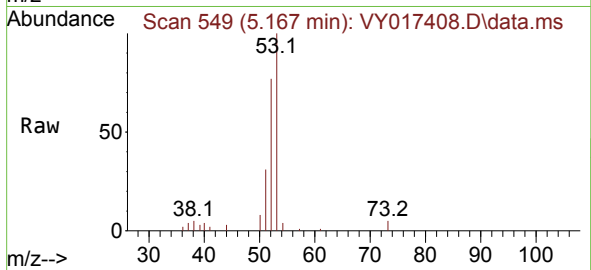




#15
Acrylonitrile
Concen: 50.138 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

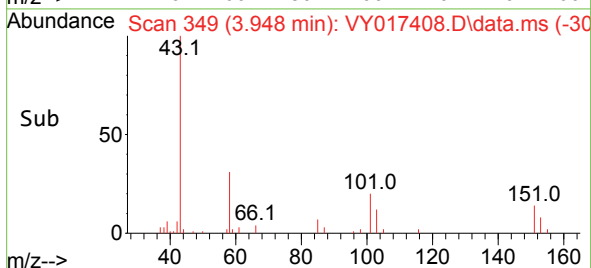
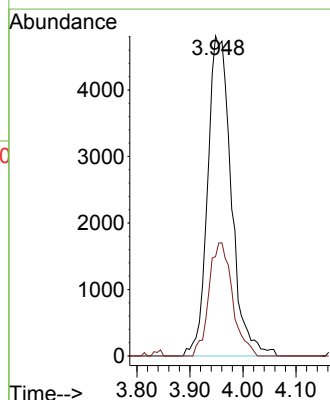
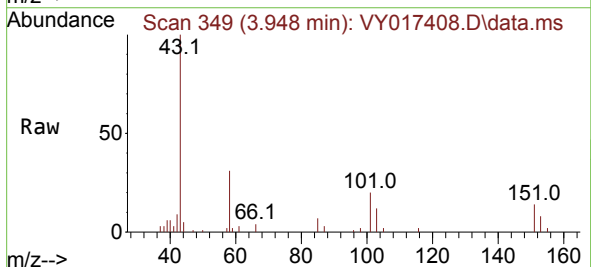
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

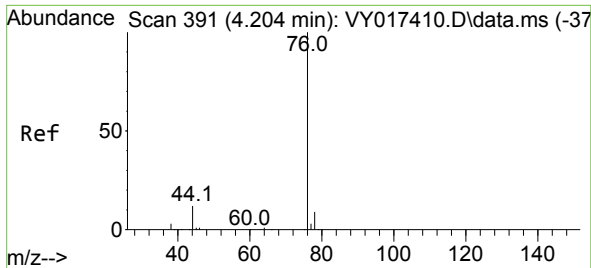
Tgt Ion:	53	Resp:	15913
Ion	Ratio	Lower	Upper
53	100		
52	80.7	64.7	97.1
51	37.0	28.4	42.6



#16
Acetone
Concen: 51.830 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.018 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion:	43	Resp:	14905
Ion	Ratio	Lower	Upper
43	100		
58	31.1	31.7	47.5#





#17

Carbon Disulfide

Concen: 11.060 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

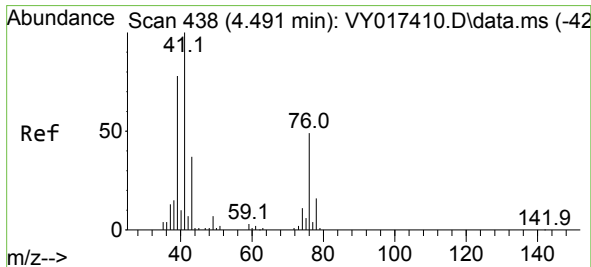
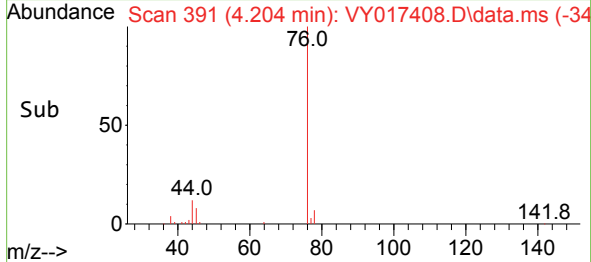
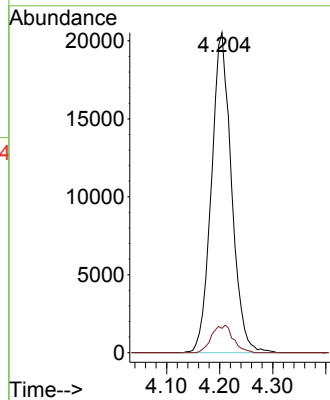
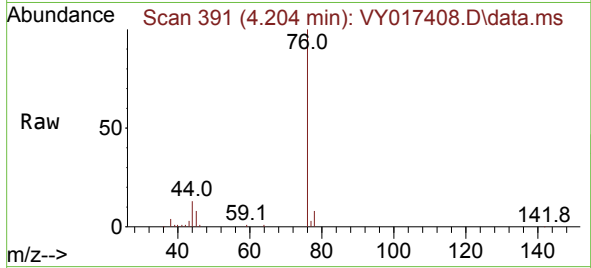
VSTDIC010

Tgt Ion: 76 Resp: 53916

Ion Ratio Lower Upper

76 100

78 7.6 6.8 10.2



#18

Methyl Acetate

Concen: 9.621 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017408.D

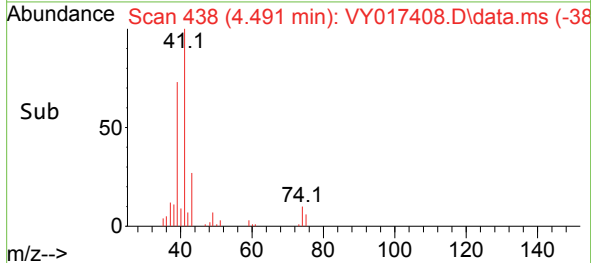
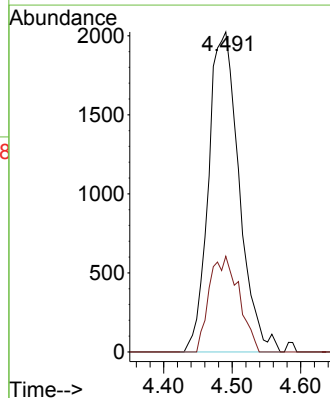
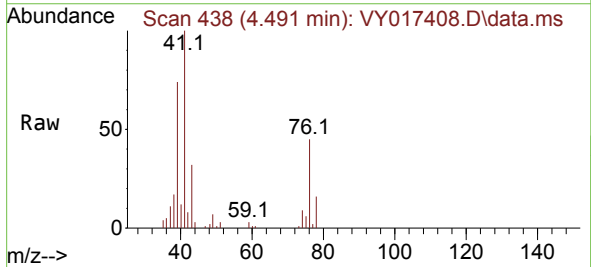
Acq: 19 Feb 2024 17:03

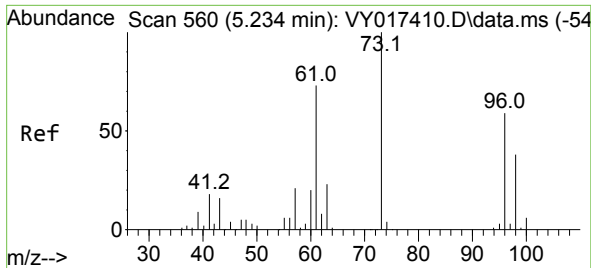
Tgt Ion: 43 Resp: 6274

Ion Ratio Lower Upper

43 100

74 29.0 23.3 34.9

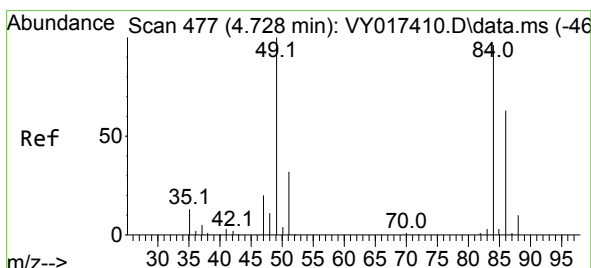
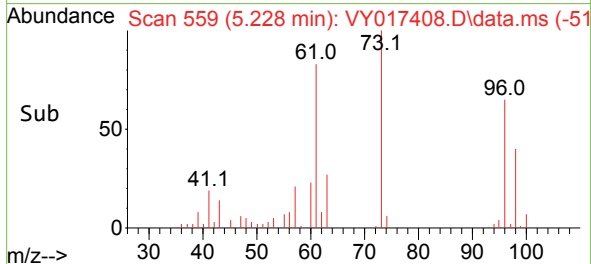
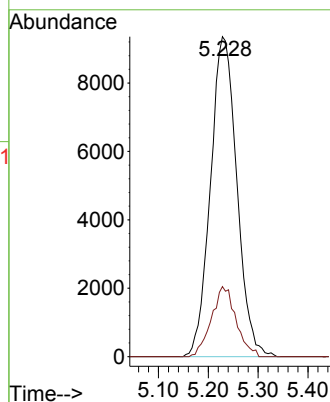
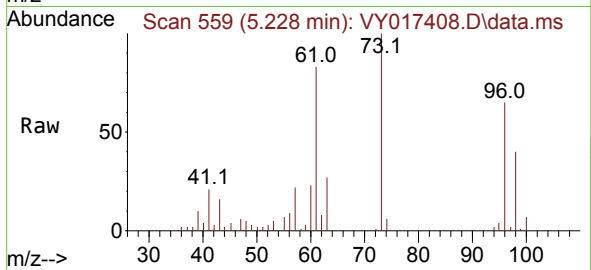




#19
Methyl tert-butyl Ether
Concen: 9.929 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

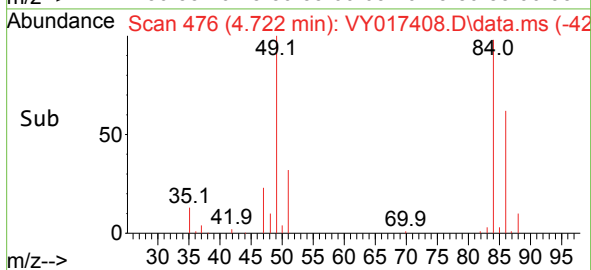
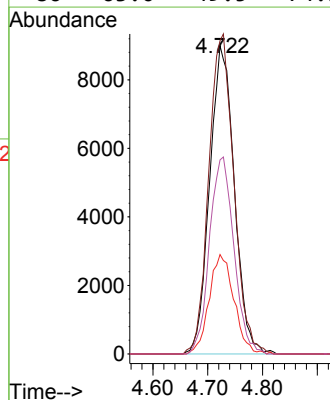
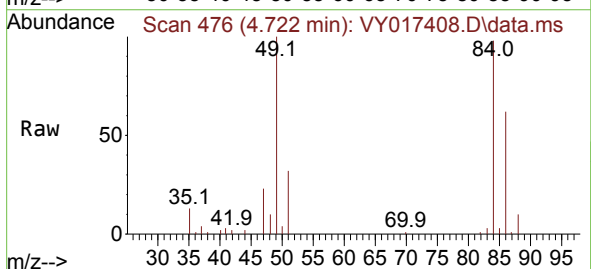
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

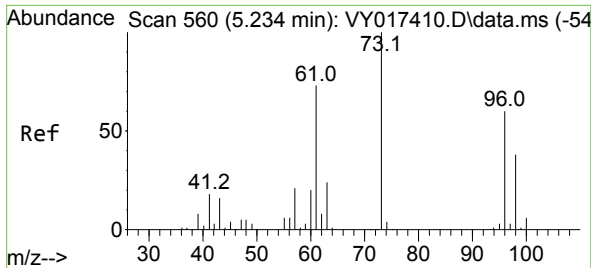
Tgt Ion: 73 Resp: 34415
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 11.213 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 84 Resp: 28121
Ion Ratio Lower Upper
84 100
49 101.6 84.4 126.6
51 32.2 26.0 39.0
86 63.0 49.5 74.3

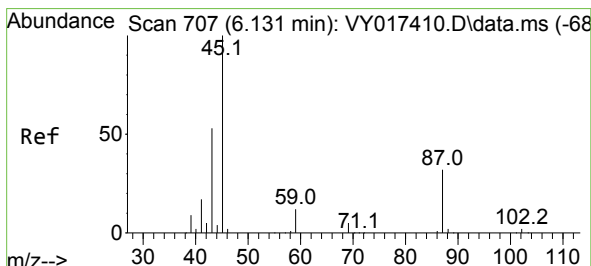
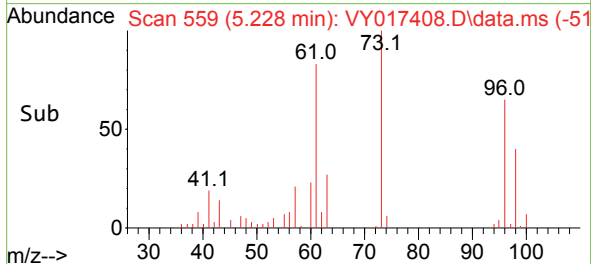
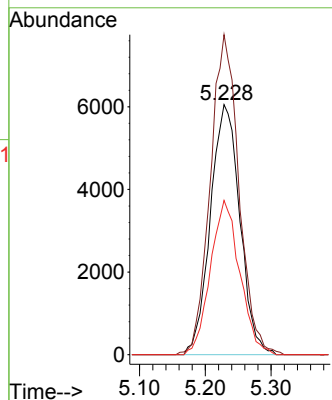
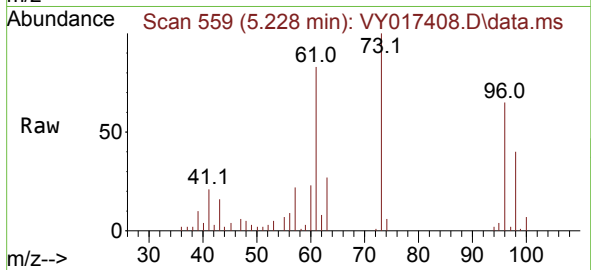




#21
trans-1,2-Dichloroethene
Concen: 10.625 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

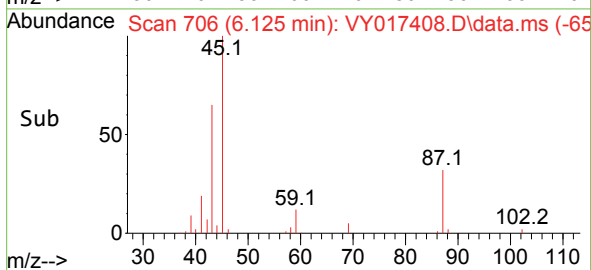
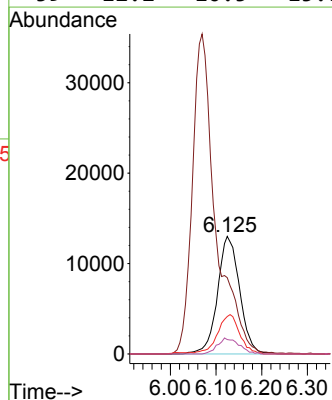
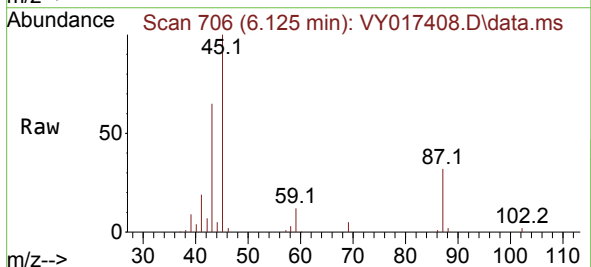
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

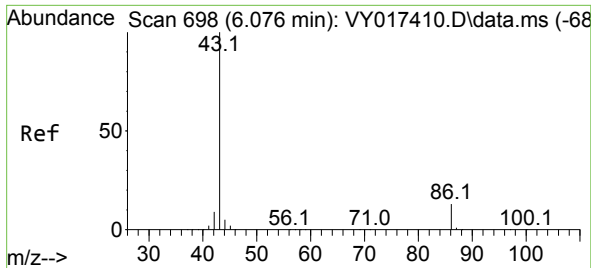
Tgt Ion: 96 Resp: 18857
Ion Ratio Lower Upper
96 100
61 127.0 97.5 146.3
98 61.7 50.5 75.7



#22
Diisopropyl ether
Concen: 10.224 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 45 Resp: 43734
Ion Ratio Lower Upper
45 100
43 64.2 42.2 63.2#
87 31.9 25.0 37.6
59 12.2 10.5 15.7





#23

Vinyl Acetate

Concen: 49.288 ug/l

RT: 6.070 min Scan# 697

Delta R.T. -0.006 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

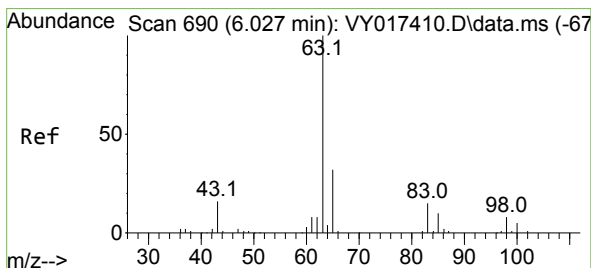
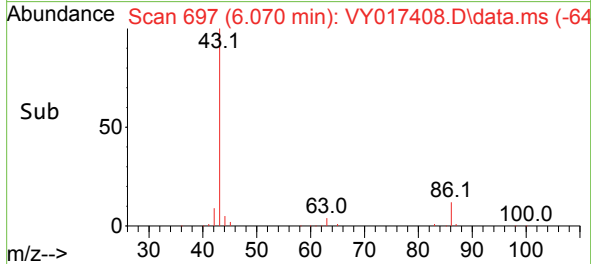
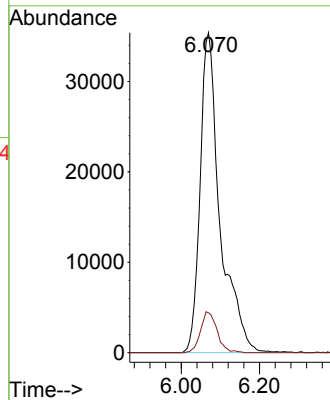
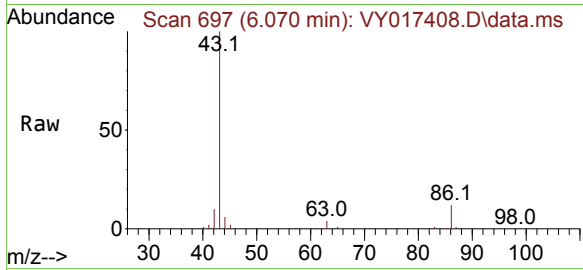
VSTDIC010

Tgt Ion: 43 Resp: 125304

Ion Ratio Lower Upper

43 100

86 12.5 10.6 16.0



#24

1,1-Dichloroethane

Concen: 10.763 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

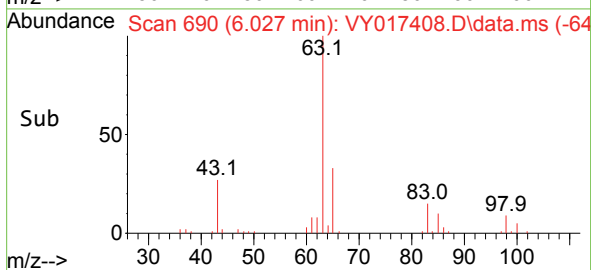
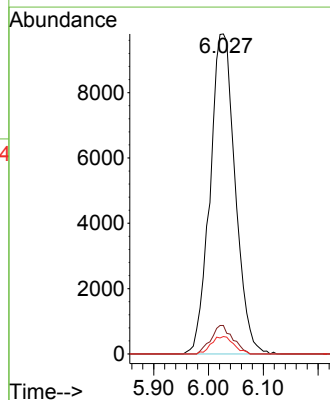
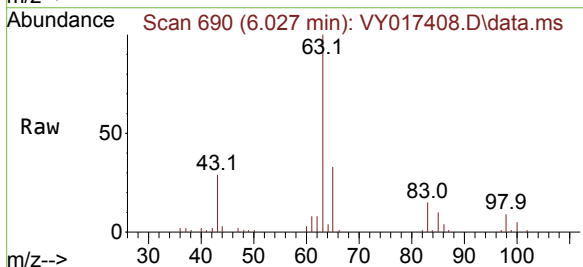
Tgt Ion: 63 Resp: 31214

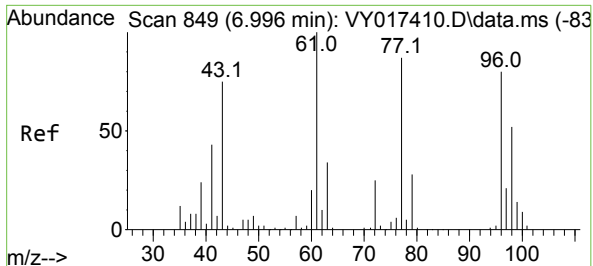
Ion Ratio Lower Upper

63 100

98 8.9 4.0 12.2

100 5.4 2.6 8.0





#25

2-Butanone

Concen: 48.661 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

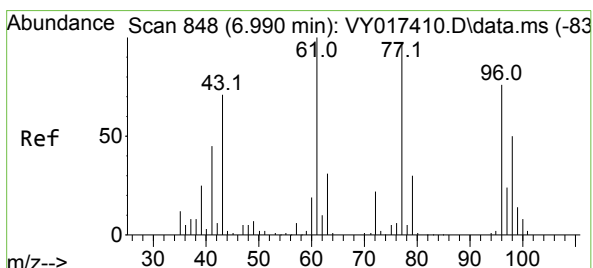
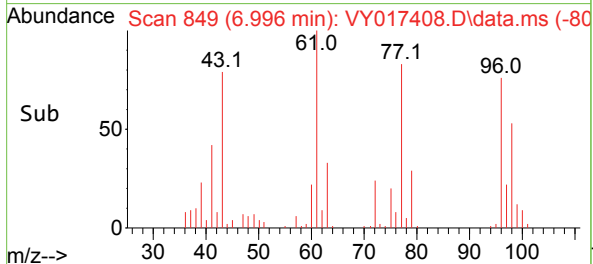
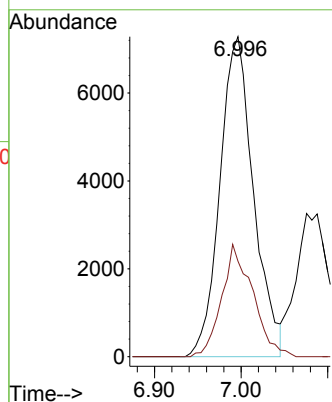
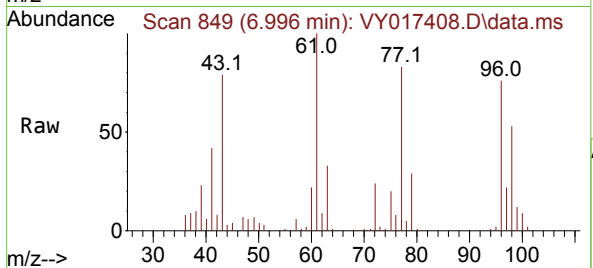
VSTDIC010

Tgt Ion: 43 Resp: 19643

Ion Ratio Lower Upper

43 100

72 29.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 10.368 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017408.D

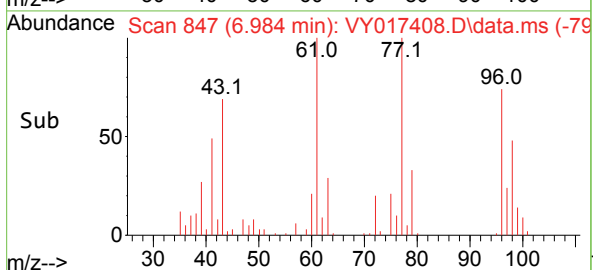
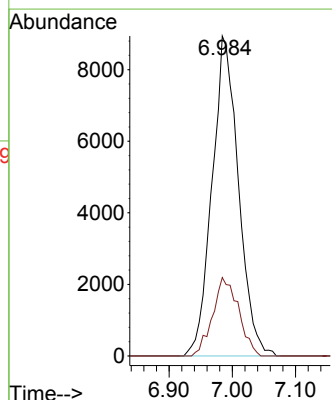
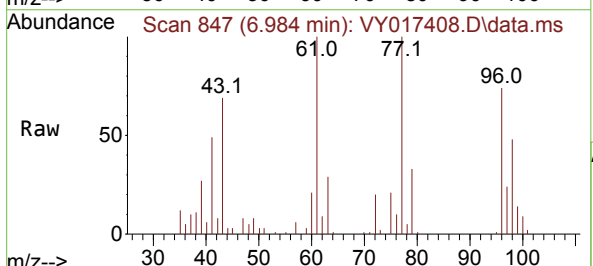
Acq: 19 Feb 2024 17:03

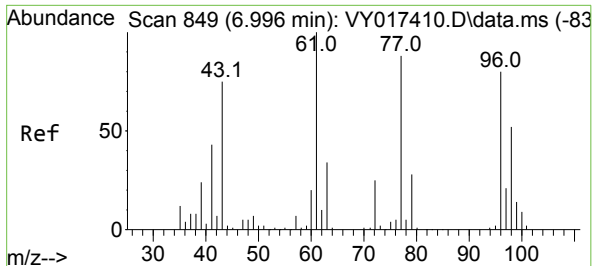
Tgt Ion: 77 Resp: 25873

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1

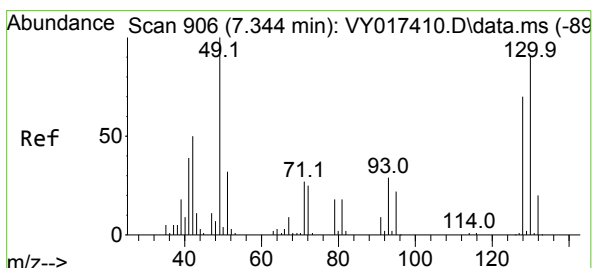
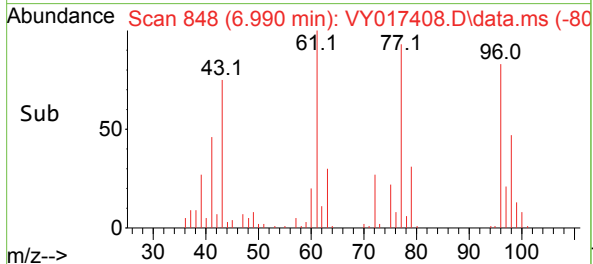
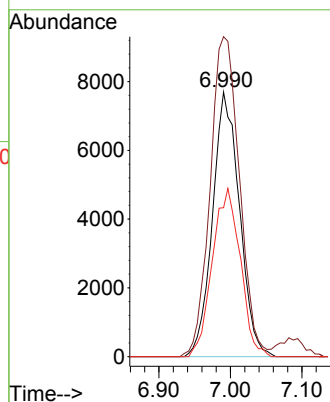
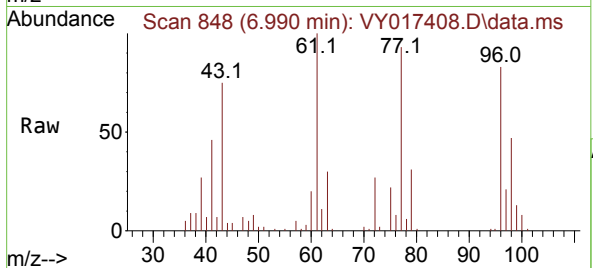




#27
 cis-1,2-Dichloroethene
 Concen: 10.210 ug/l
 RT: 6.990 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY017408.D
 Acq: 19 Feb 2024 17:03

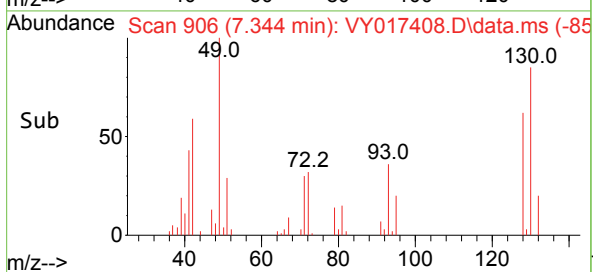
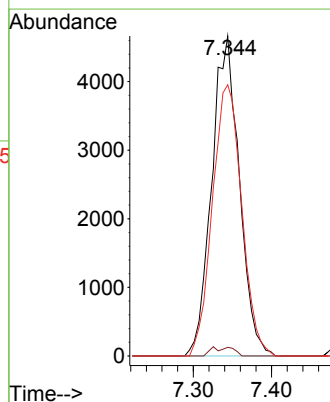
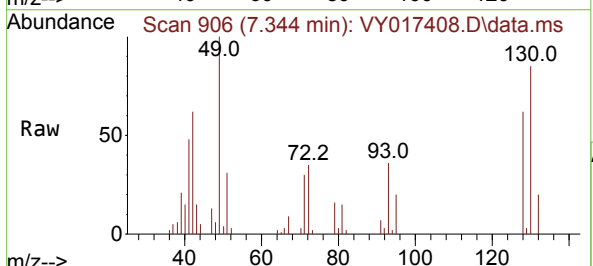
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

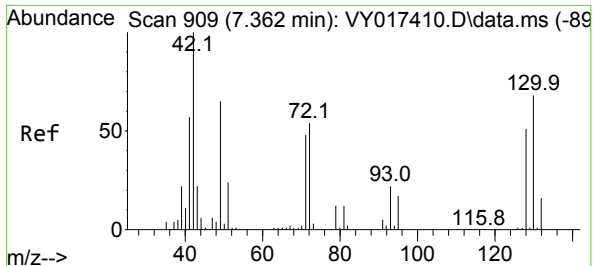
Tgt Ion: 96	Resp: 20126
Ion Ratio	Lower Upper
96 100	
61 131.4	0.0 256.2
98 65.9	0.0 130.0



#28
 Bromochloromethane
 Concen: 10.481 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY017408.D
 Acq: 19 Feb 2024 17:03

Tgt Ion: 49	Resp: 11405
Ion Ratio	Lower Upper
49 100	
129 0.9	0.0 4.6
130 89.9	72.7 109.1





#29

Tetrahydrofuran

Concen: 48.546 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

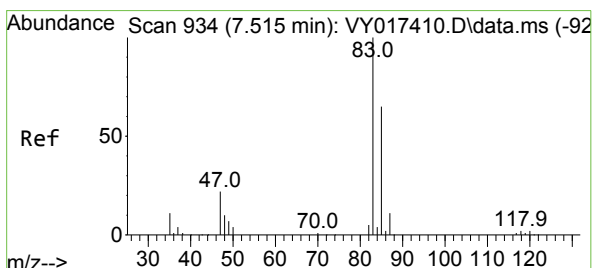
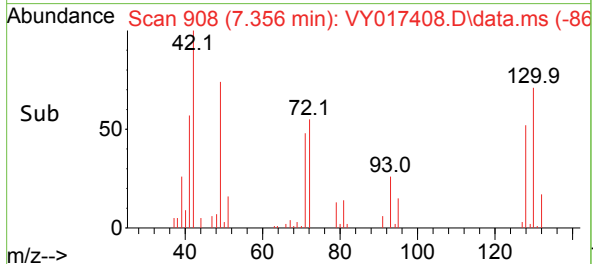
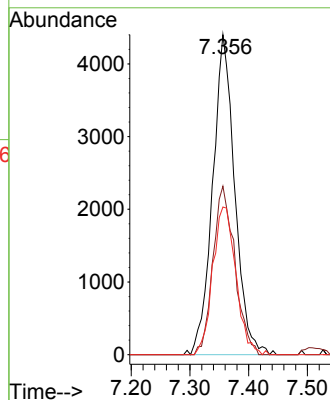
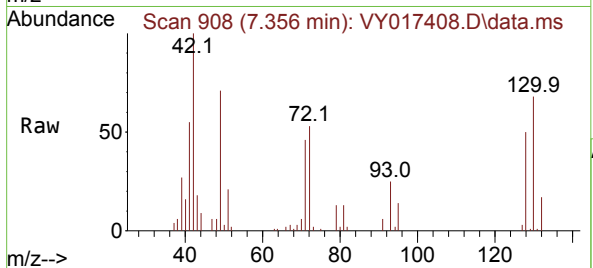
Tgt Ion: 42 Resp: 11520

Ion Ratio Lower Upper

42 100

72 52.0 43.0 64.4

71 48.3 40.8 61.2



#30

Chloroform

Concen: 10.526 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017408.D

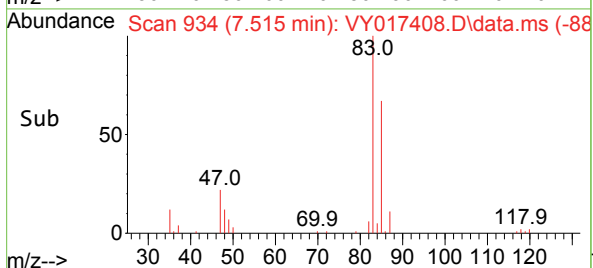
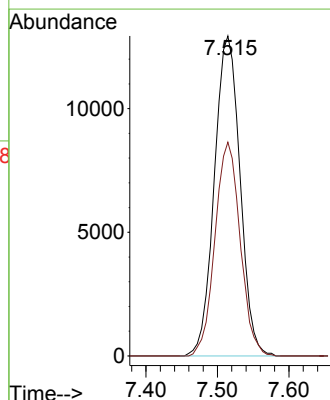
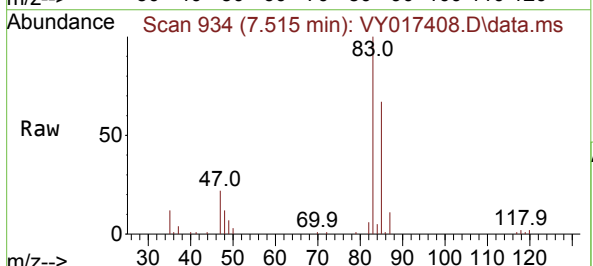
Acq: 19 Feb 2024 17:03

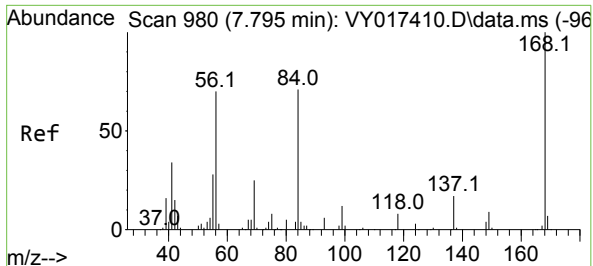
Tgt Ion: 83 Resp: 32227

Ion Ratio Lower Upper

83 100

85 66.8 52.2 78.4

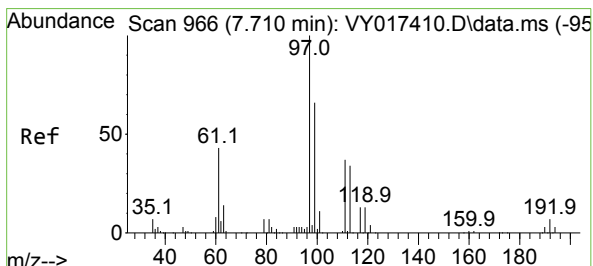
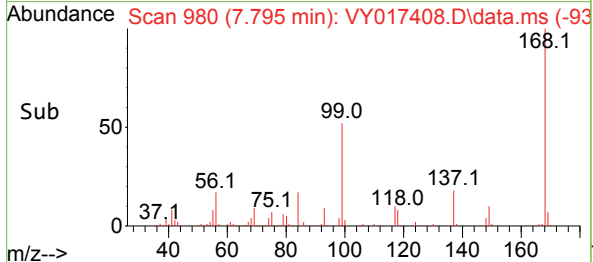
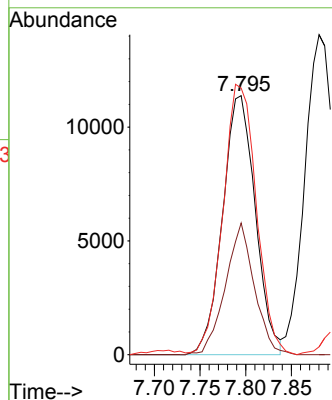
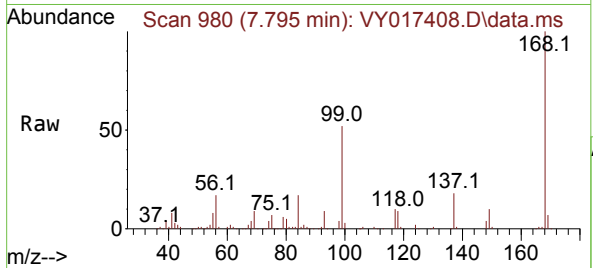




#31
Cyclohexane
Concen: 10.797 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

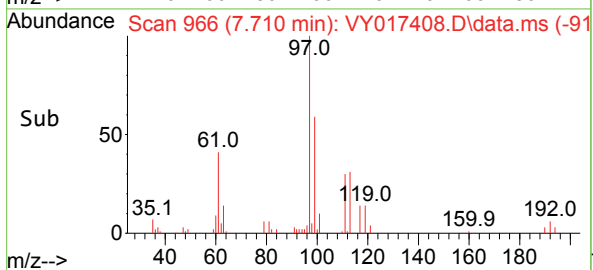
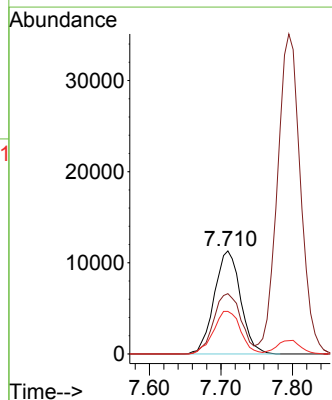
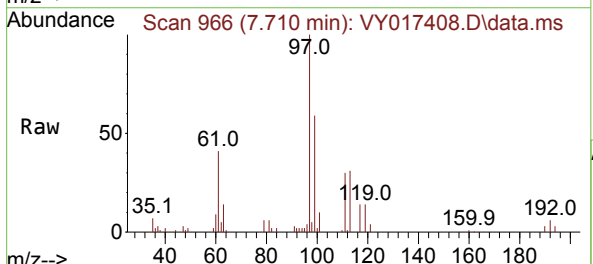
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

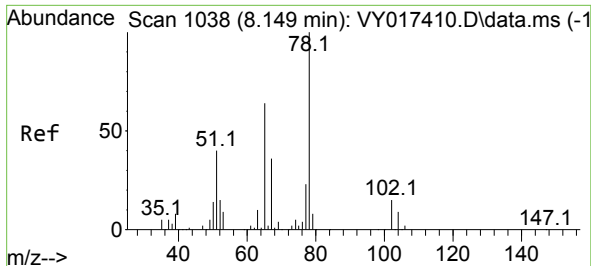
Tgt Ion: 56 Resp: 28381
Ion Ratio Lower Upper
56 100
69 50.8 28.7 43.1#
84 101.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 10.675 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 97 Resp: 28866
Ion Ratio Lower Upper
97 100
99 61.0 50.3 75.5
61 42.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 8.643 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

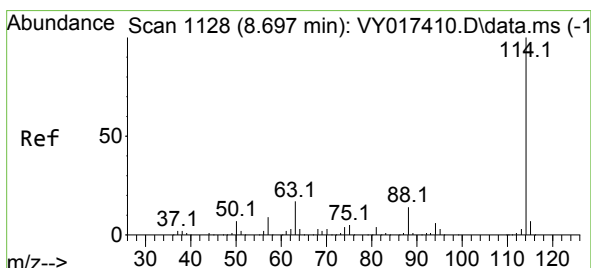
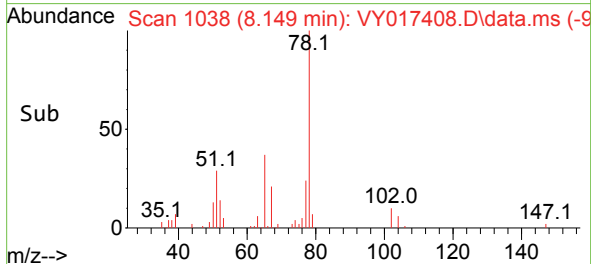
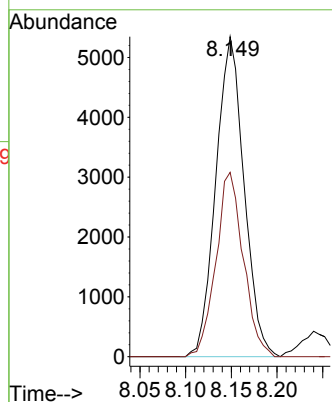
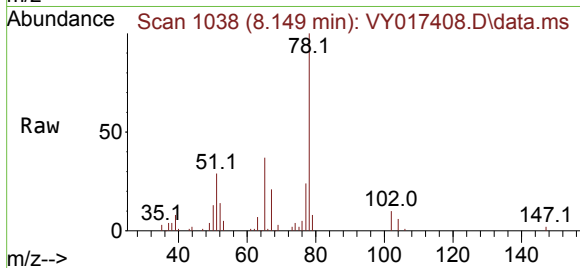
VSTDIC010

Tgt Ion: 65 Resp: 11477

Ion Ratio Lower Upper

65 100

67 55.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

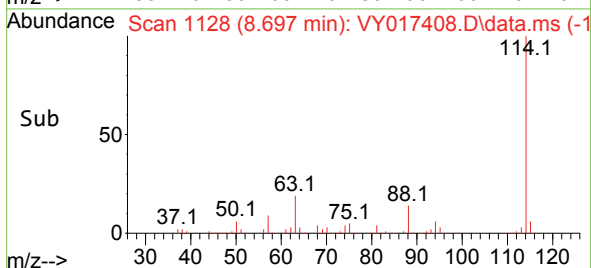
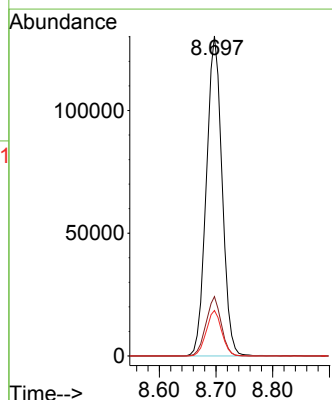
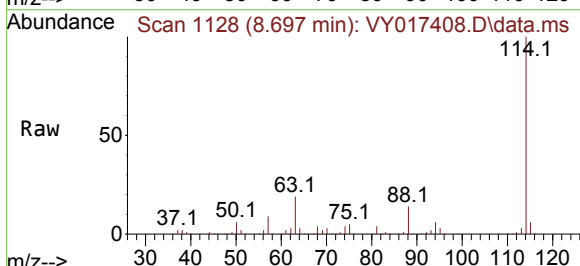
Tgt Ion: 114 Resp: 250820

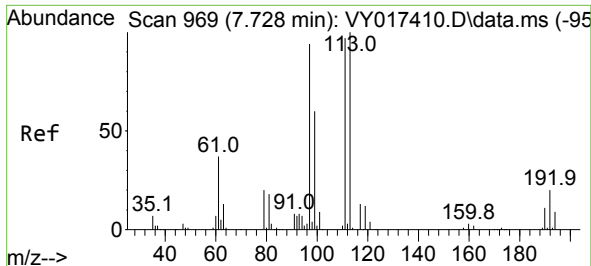
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.2 0.0 27.2

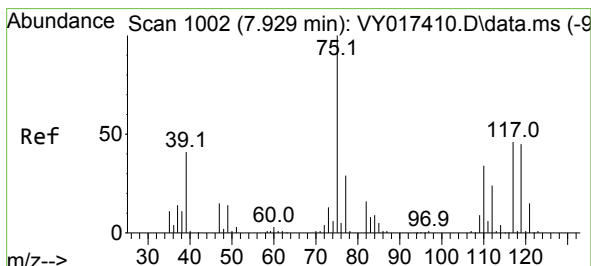
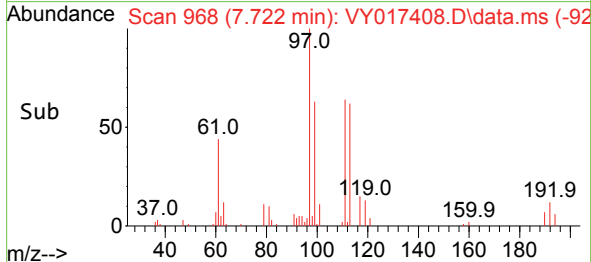
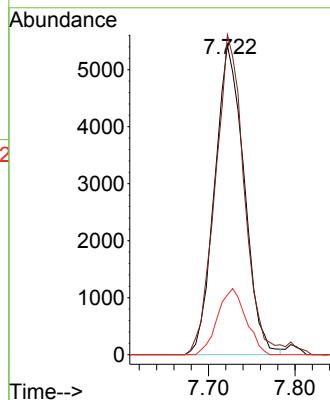
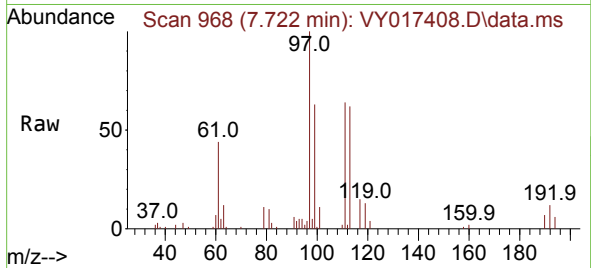




#35
Dibromofluoromethane
Concen: 8.725 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

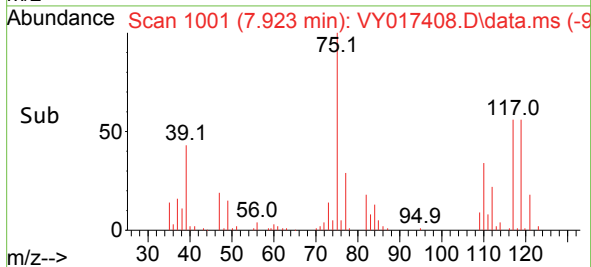
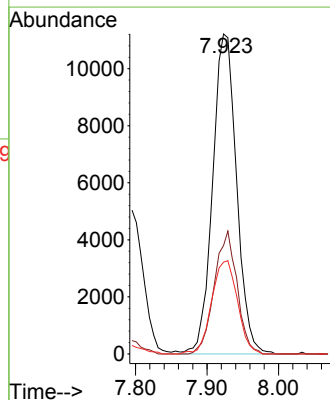
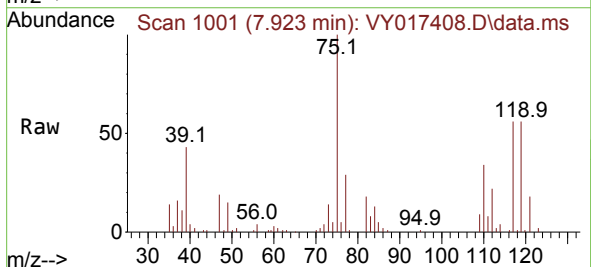
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

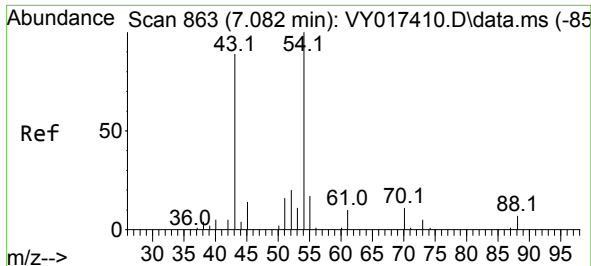
Tgt Ion:113 Resp: 12810
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 10.638 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 75 Resp: 26085
Ion Ratio Lower Upper
75 100
110 36.5 19.0 57.0
77 31.4 25.3 37.9

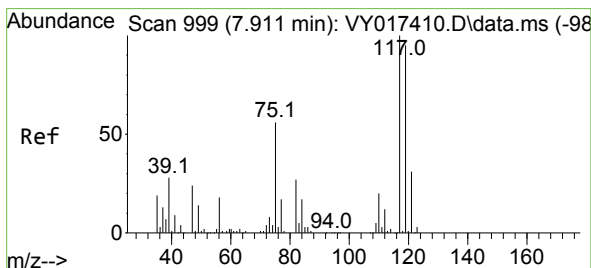
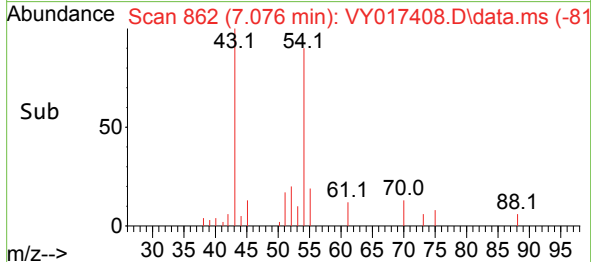
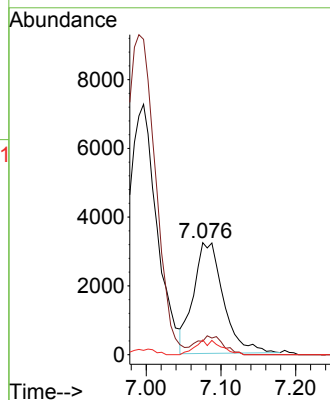
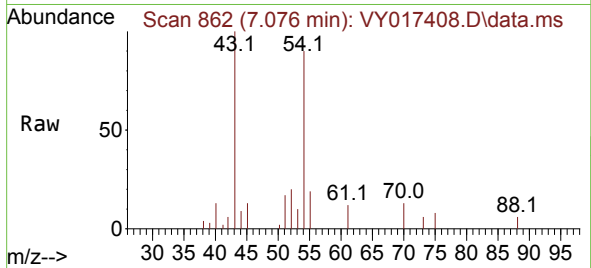




#37
Ethyl Acetate
Concen: 10.047 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

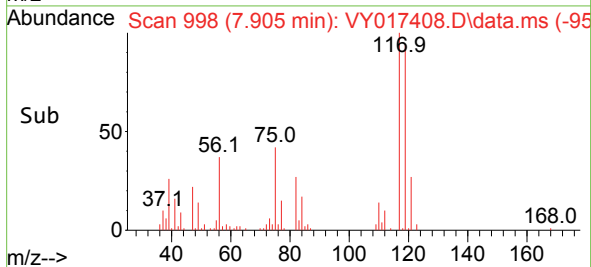
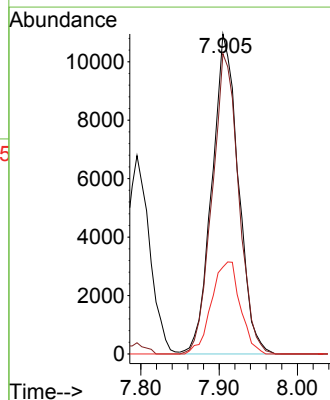
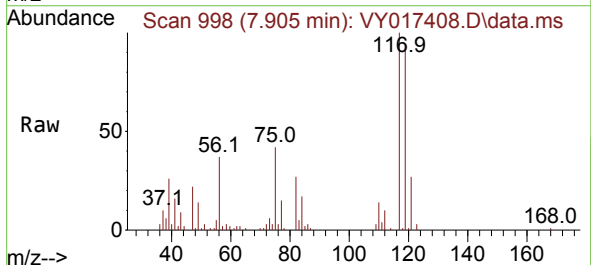
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

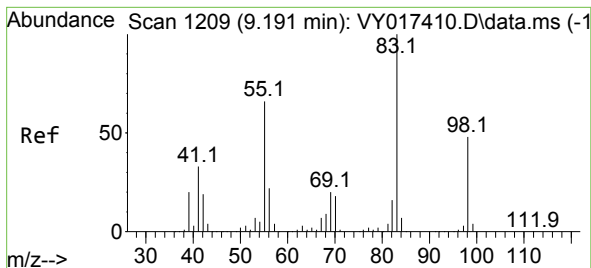
Tgt Ion:	43	Resp:	8971
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.6	19.0
70	11.1	7.8	11.8



#38
Carbon Tetrachloride
Concen: 10.524 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion:	117	Resp:	25692
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.6
121	27.2	24.0	36.0





#39

Methylcyclohexane

Concen: 10.043 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

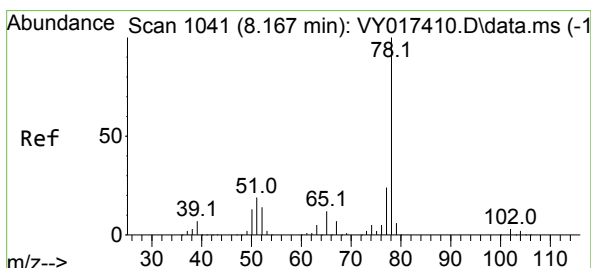
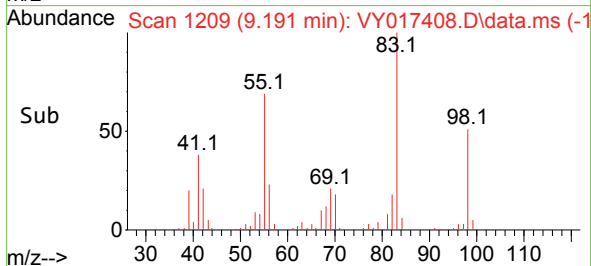
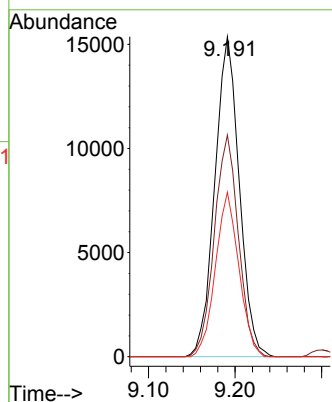
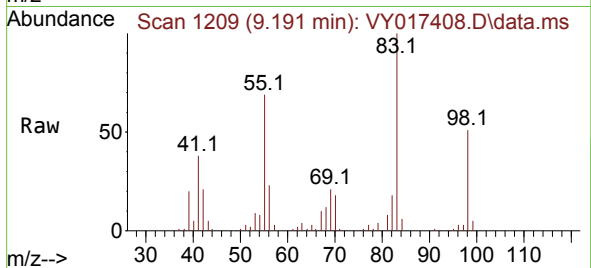
Tgt Ion: 83 Resp: 30145

Ion Ratio Lower Upper

83 100

55 69.2 51.5 77.3

98 51.4 40.5 60.7



#40

Benzene

Concen: 10.257 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017408.D

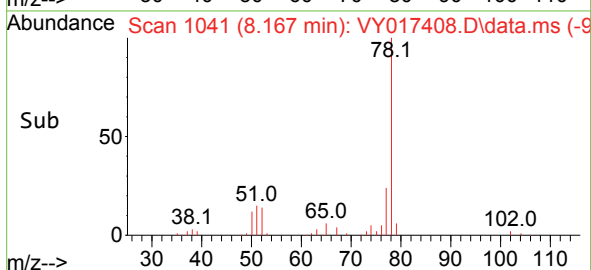
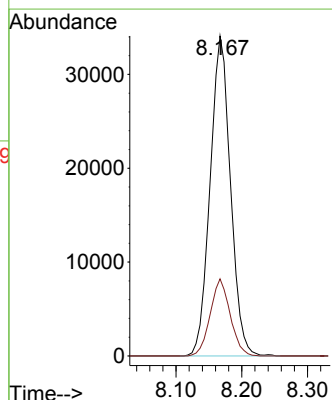
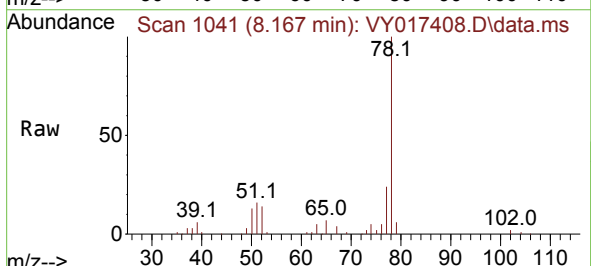
Acq: 19 Feb 2024 17:03

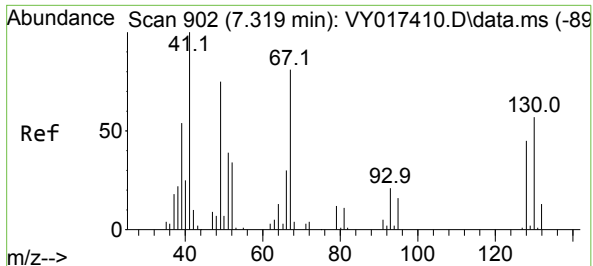
Tgt Ion: 78 Resp: 73484

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

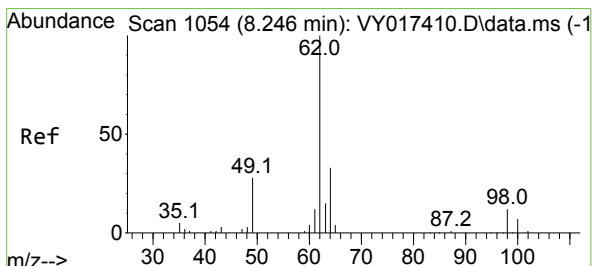
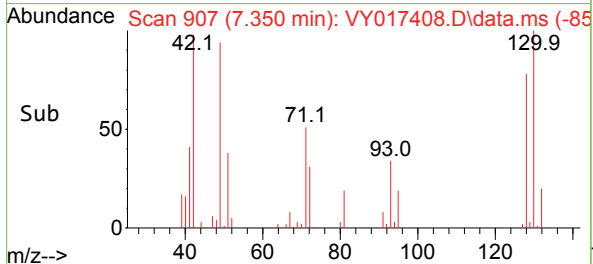
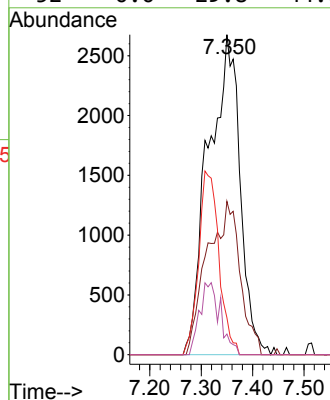
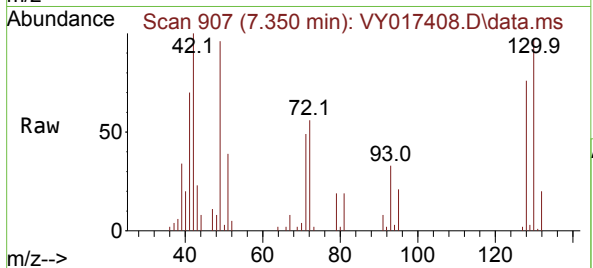




#41
Methacrylonitrile
Concen: 26.236 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.030 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

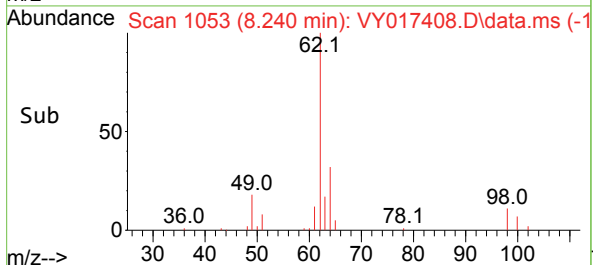
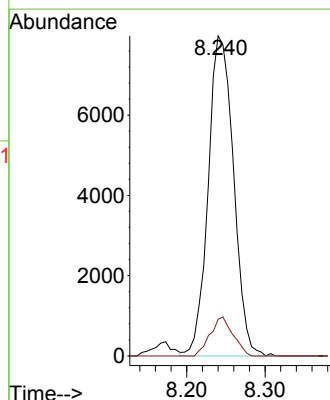
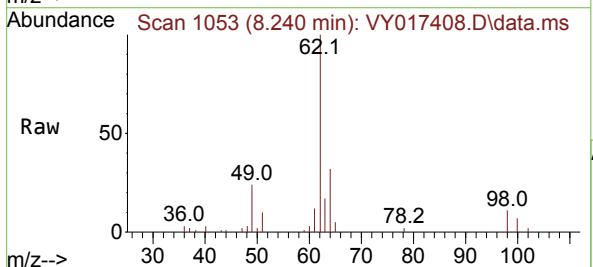
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

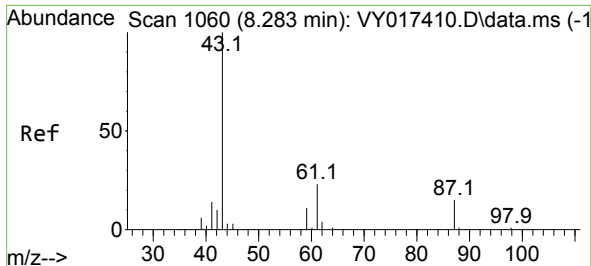
Tgt Ion: 41 Resp: 11440
Ion Ratio Lower Upper
41 100
39 49.7 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 10.320 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 62 Resp: 17946
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0

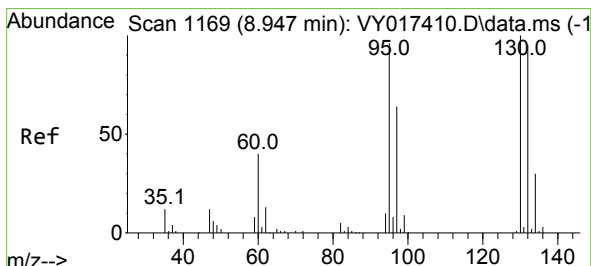
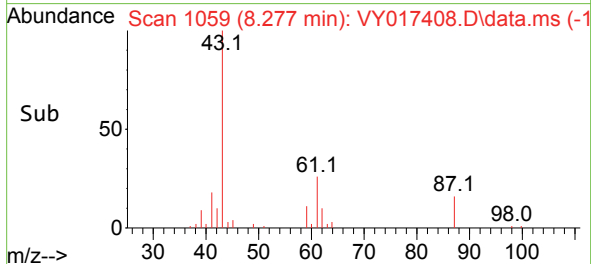
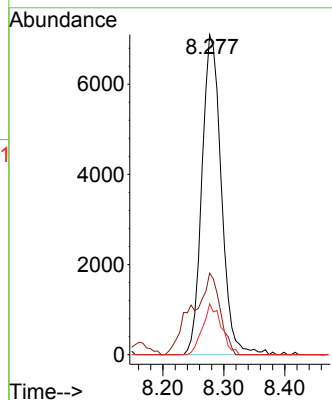
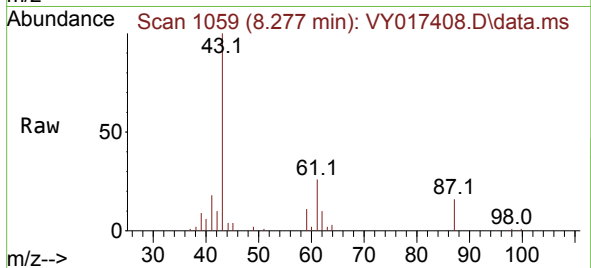




#43
Isopropyl Acetate
Concen: 9.717 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

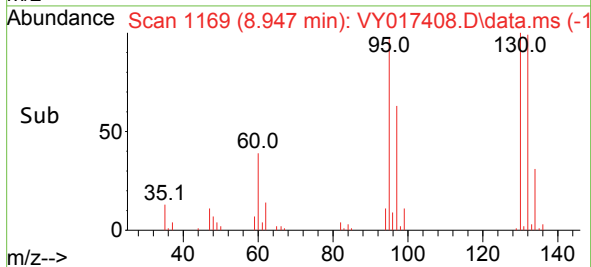
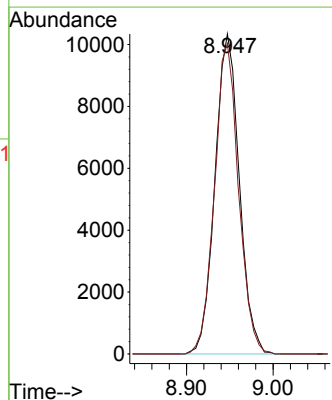
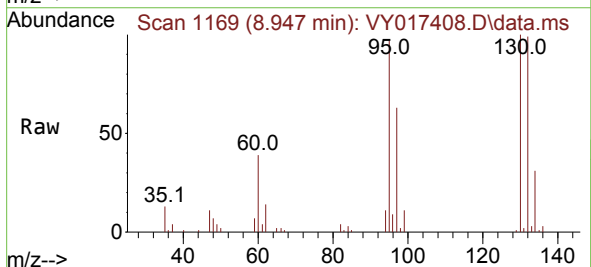
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

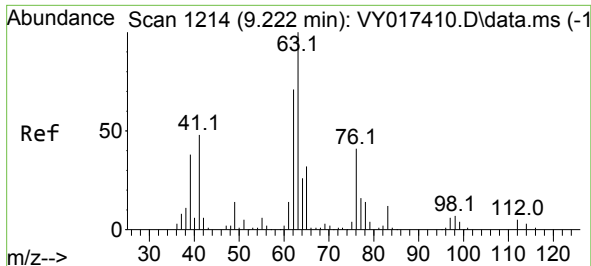
Tgt Ion: 43 Resp: 15678
Ion Ratio Lower Upper
43 100
61 36.4 27.9 41.9
87 15.4 13.1 19.7



#44
Trichloroethene
Concen: 10.379 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 130 Resp: 20156
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.0

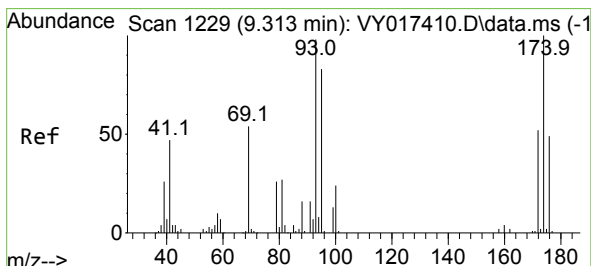
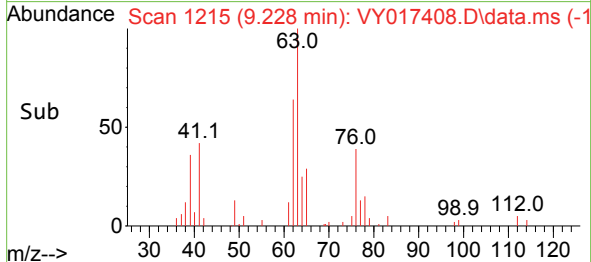
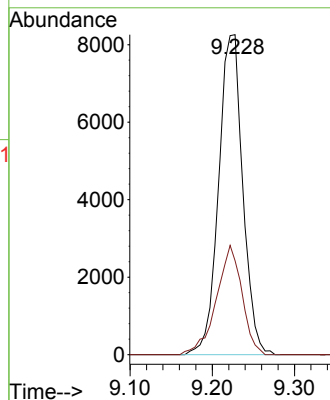
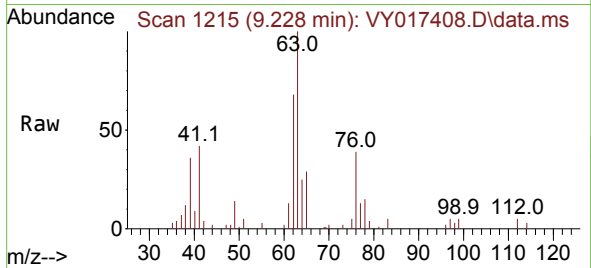




#45
1,2-Dichloropropane
Concen: 10.186 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

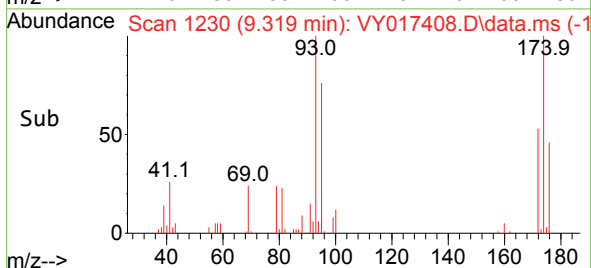
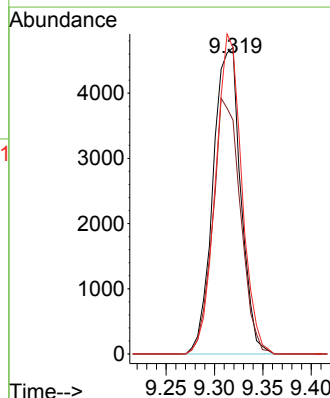
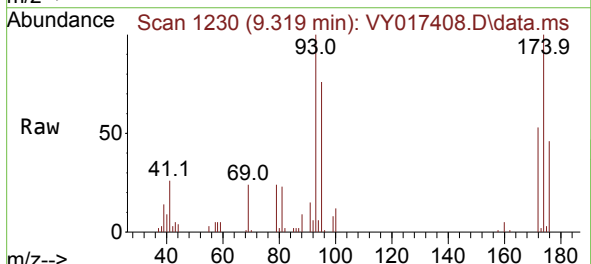
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

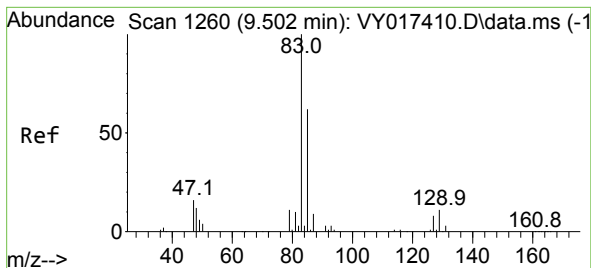
Tgt Ion: 63 Resp: 16869
Ion Ratio Lower Upper
63 100
65 29.4 25.4 38.2



#46
Dibromomethane
Concen: 9.901 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 93 Resp: 9320
Ion Ratio Lower Upper
93 100
95 83.2 66.2 99.4
174 99.1 80.9 121.3





#47

Bromodichloromethane

Concen: 10.231 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

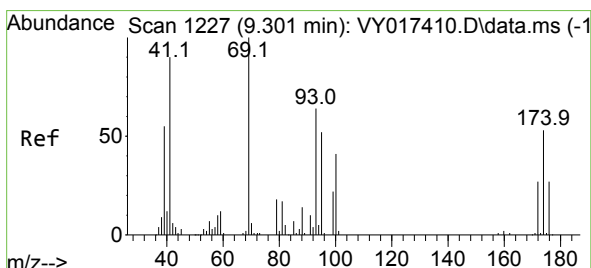
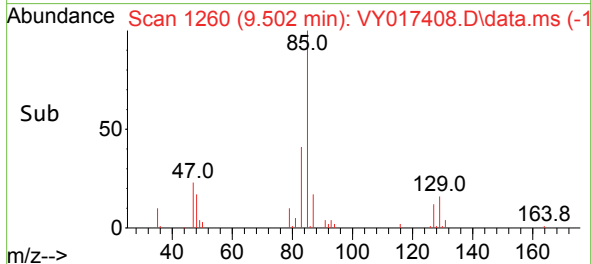
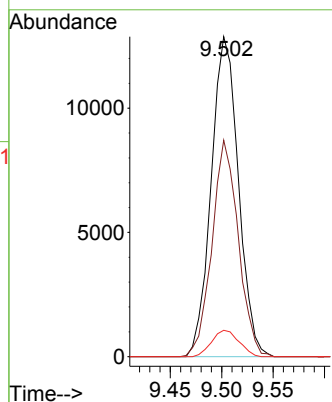
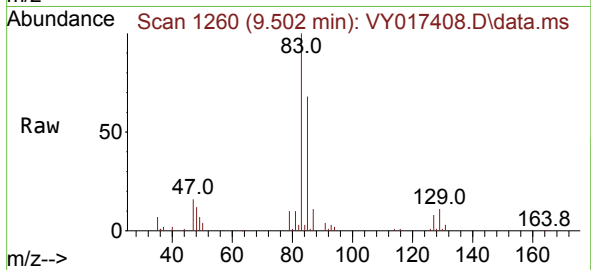
Tgt Ion: 83 Resp: 23679

Ion Ratio Lower Upper

83 100

85 67.6 50.1 75.1

127 8.3 7.4 11.0



#48

Methyl methacrylate

Concen: 9.492 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

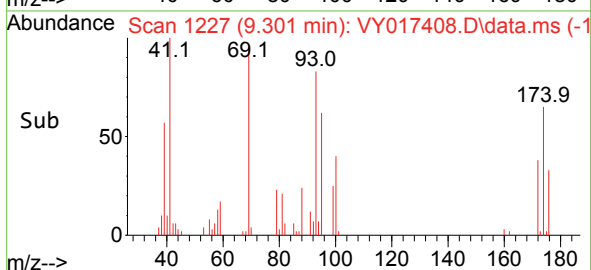
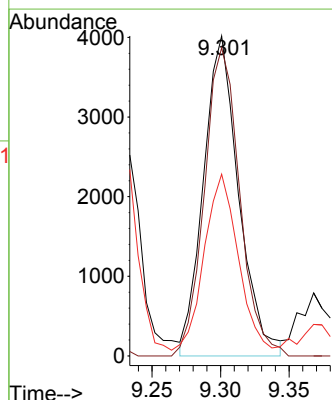
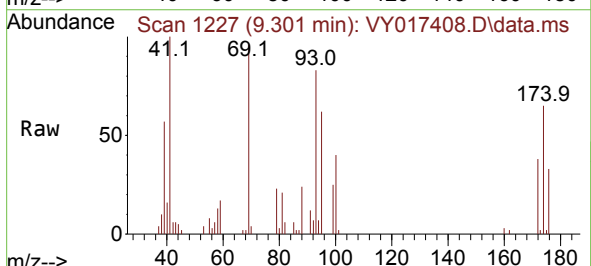
Tgt Ion: 41 Resp: 7186

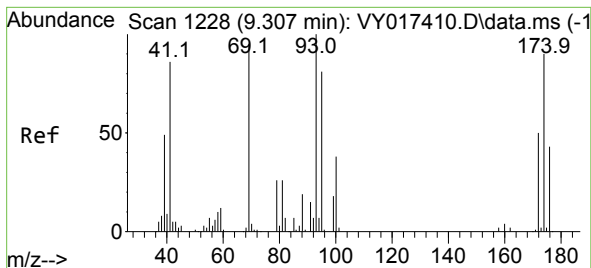
Ion Ratio Lower Upper

41 100

69 96.3 84.1 126.1

39 53.2 43.6 65.4





#49

1,4-Dioxane

Concen: 190.857 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

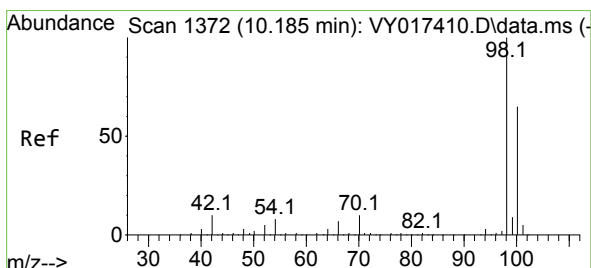
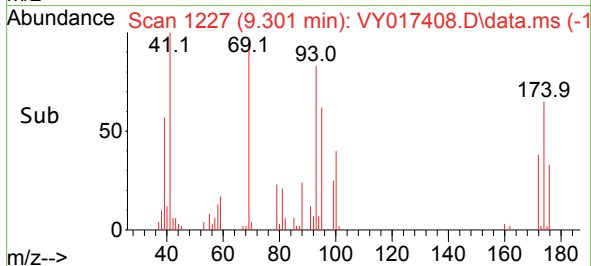
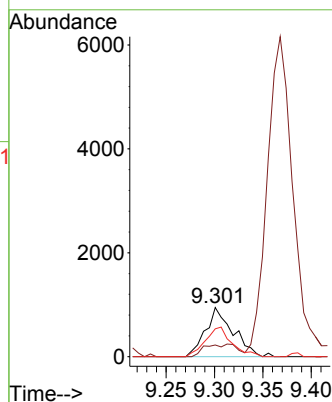
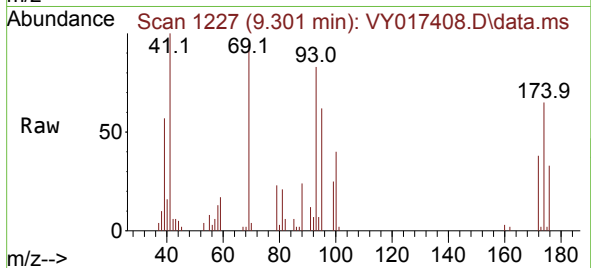
Tgt Ion: 88 Resp: 1879

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0#

58 57.4 49.3 73.9



#50

Toluene-d8

Concen: 8.343 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017408.D

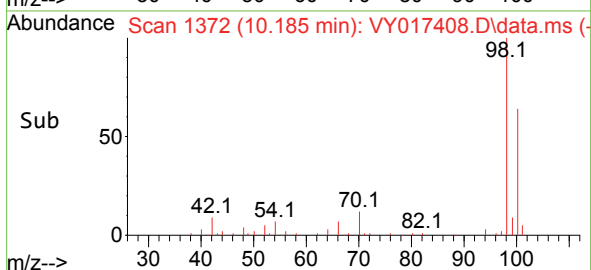
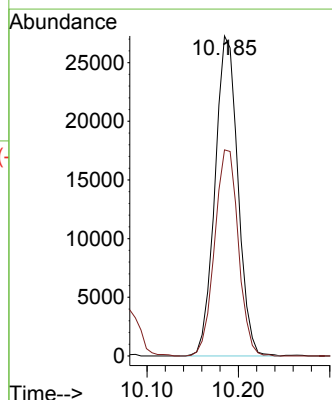
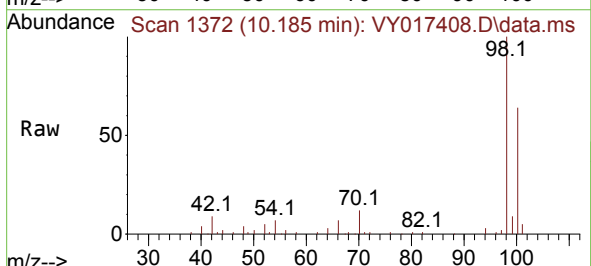
Acq: 19 Feb 2024 17:03

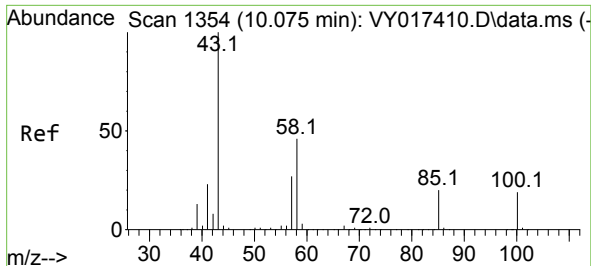
Tgt Ion: 98 Resp: 47506

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0

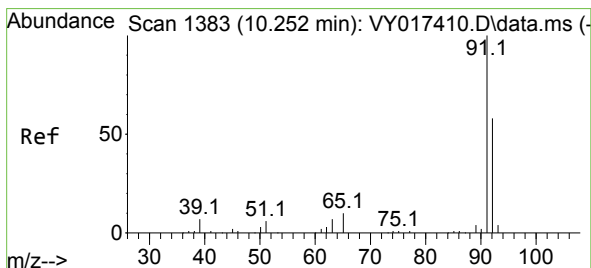
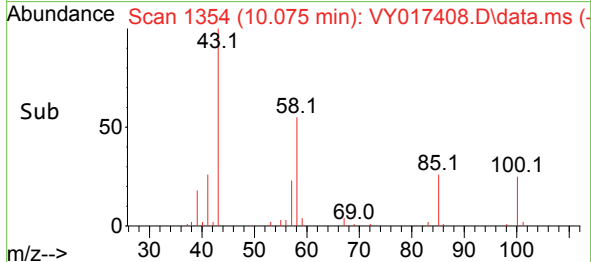
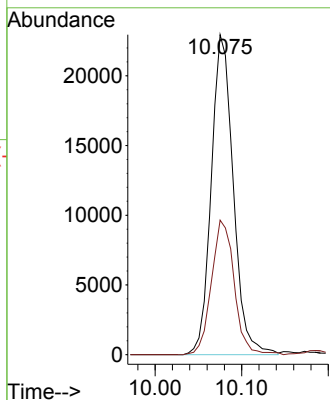
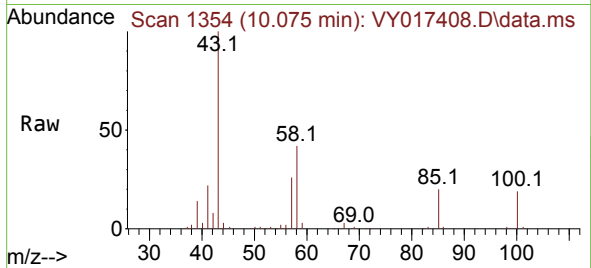




#51
4-Methyl-2-Pentanone
Concen: 46.649 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

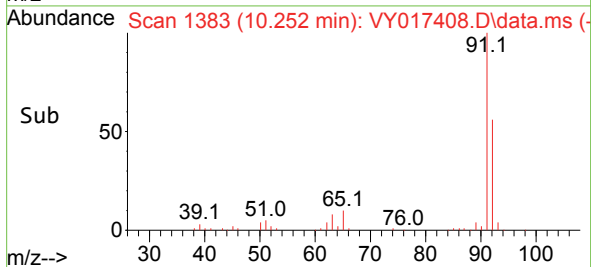
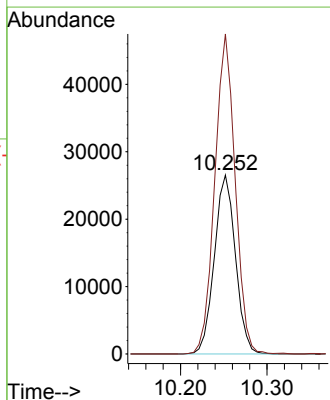
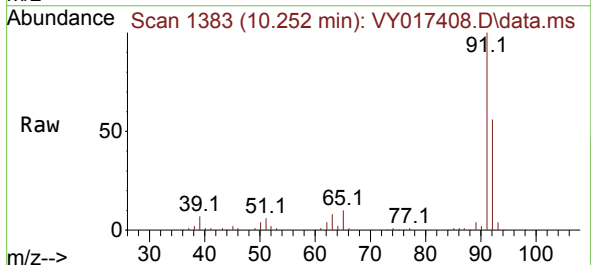
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

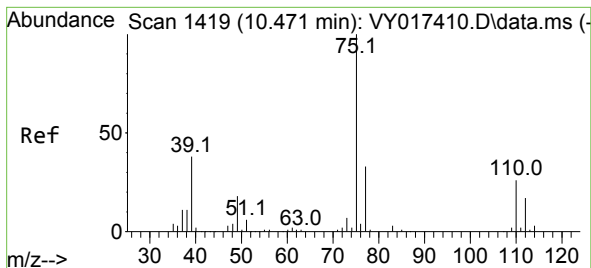
Tgt Ion: 43 Resp: 40557
Ion Ratio Lower Upper
43 100
58 43.4 35.7 53.5



#52
Toluene
Concen: 10.038 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 92 Resp: 44895
Ion Ratio Lower Upper
92 100
91 172.9 139.0 208.6

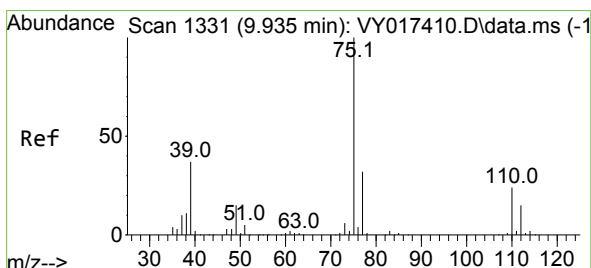
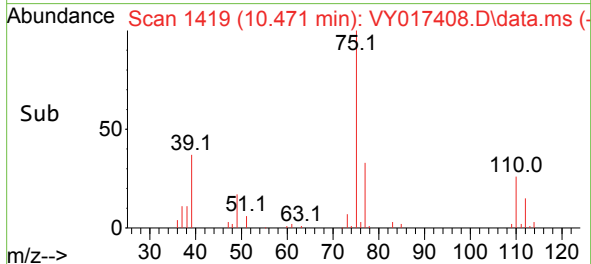
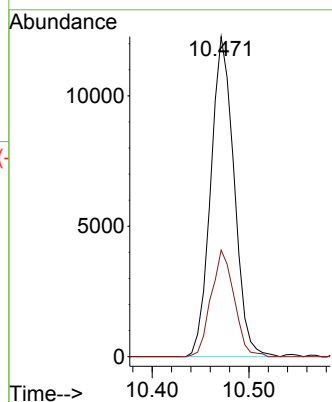
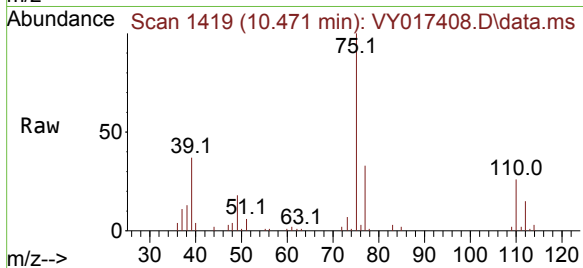




#53
 t-1,3-Dichloropropene
 Concen: 9.612 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017408.D
 Acq: 19 Feb 2024 17:03

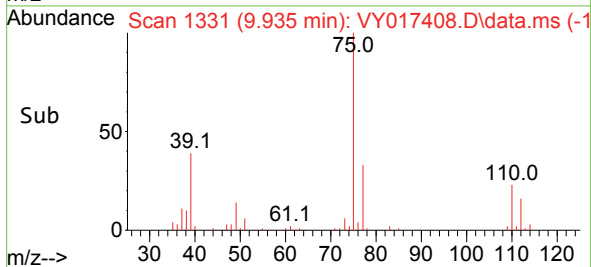
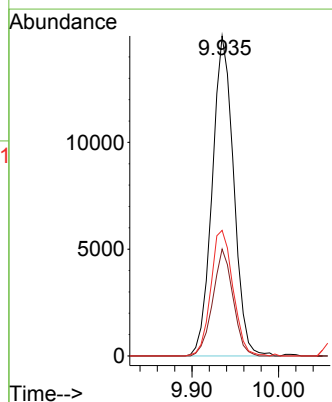
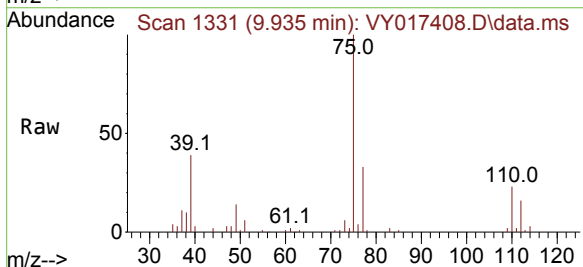
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

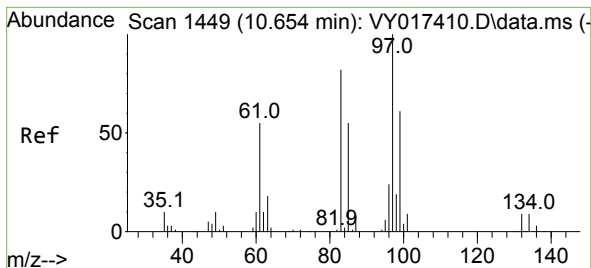
Tgt Ion: 75 Resp: 20598
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 9.803 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017408.D
 Acq: 19 Feb 2024 17:03

Tgt Ion: 75 Resp: 25775
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0
 39 39.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 9.974 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 12918

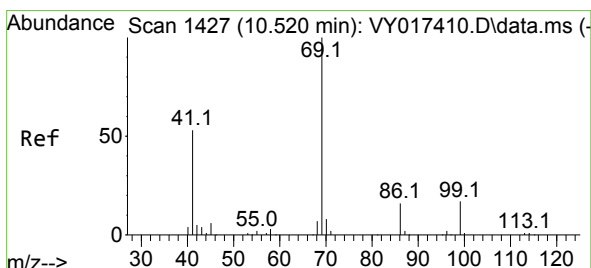
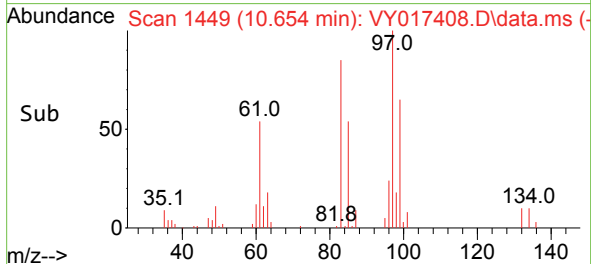
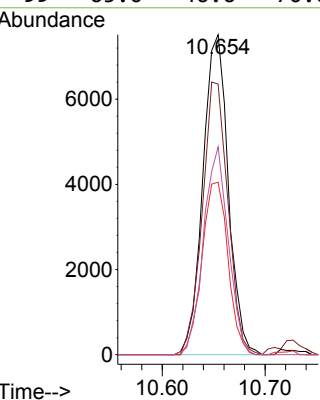
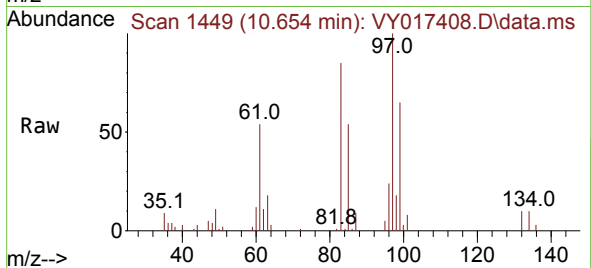
Ion Ratio Lower Upper

97 100

83 84.6 67.5 101.3

85 53.9 42.9 64.3

99 65.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 10.998 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

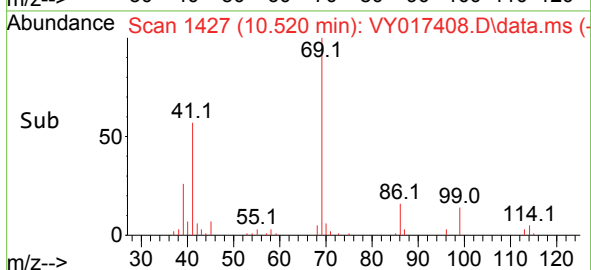
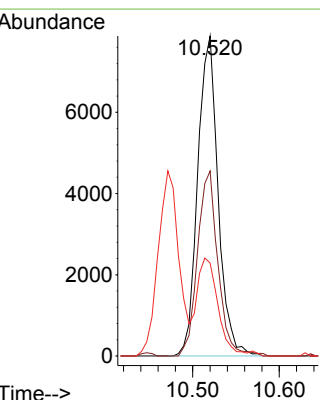
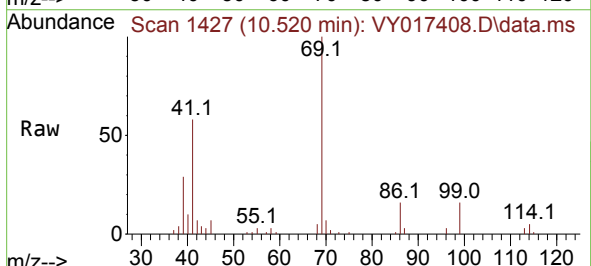
Tgt Ion: 69 Resp: 12870

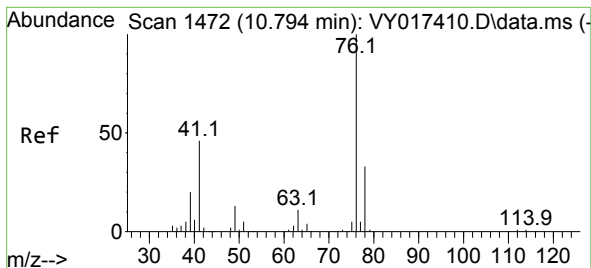
Ion Ratio Lower Upper

69 100

41 58.2 42.3 63.5

39 32.4 22.9 34.3





#57

1,3-Dichloropropane

Concen: 10.041 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

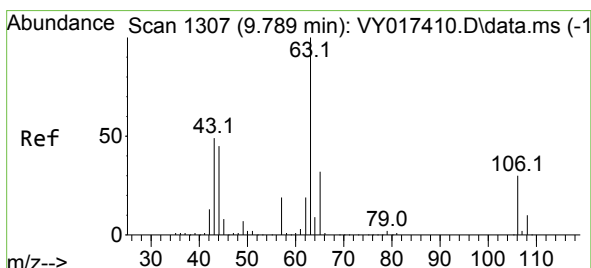
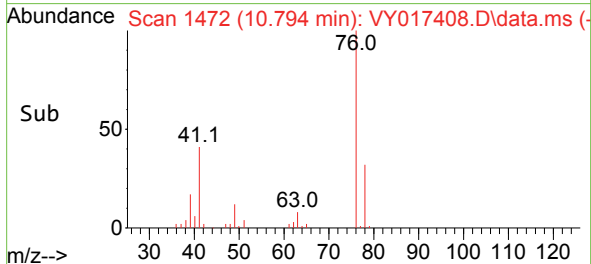
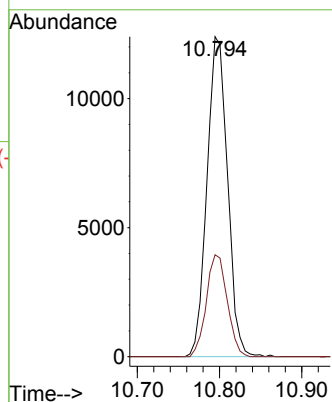
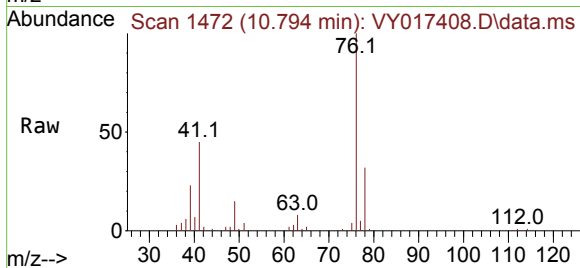
VSTDIC010

Tgt Ion: 76 Resp: 21517

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 43.147 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017408.D

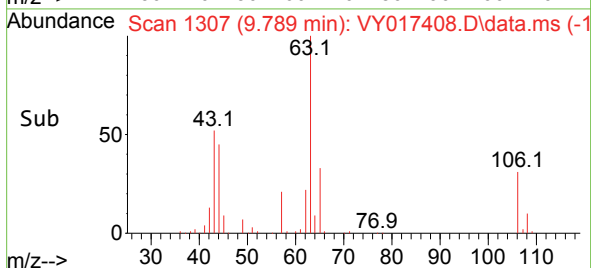
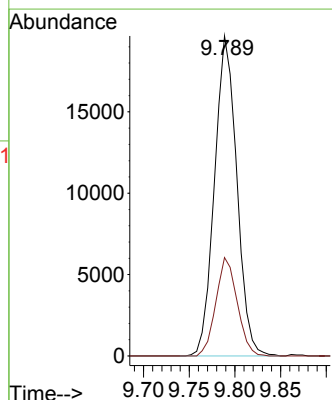
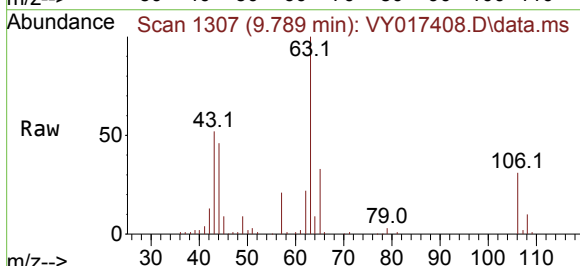
Acq: 19 Feb 2024 17:03

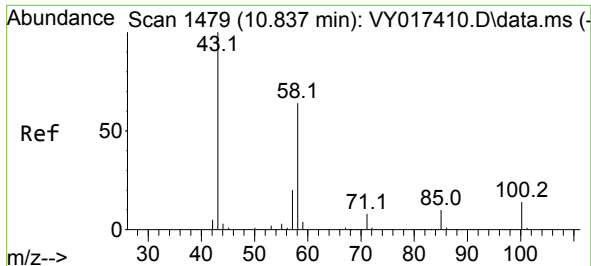
Tgt Ion: 63 Resp: 33389

Ion Ratio Lower Upper

63 100

106 29.4 23.7 35.5

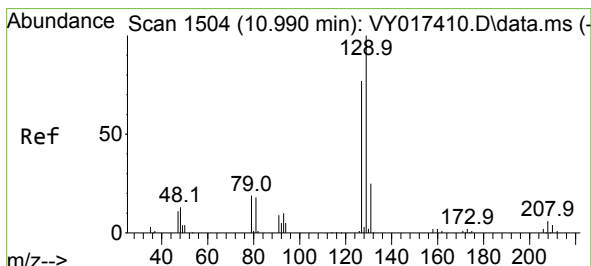
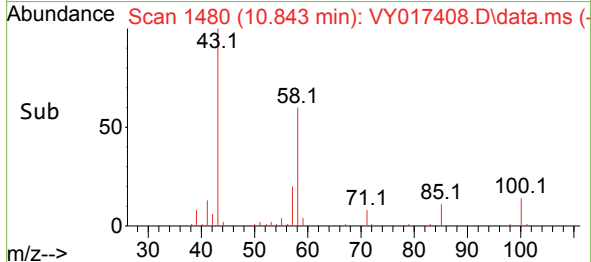
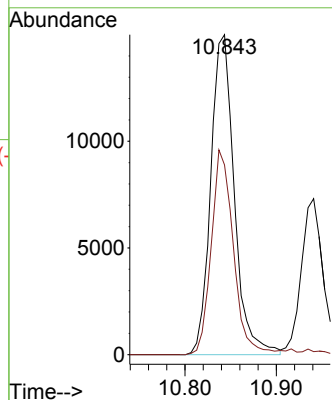
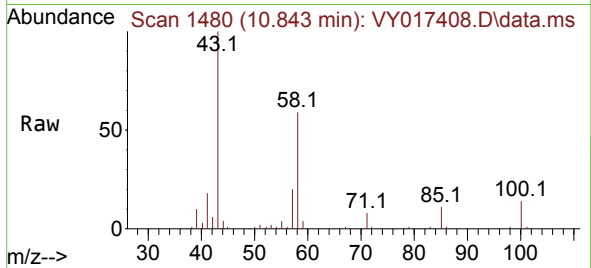




#59
2-Hexanone
Concen: 44.788 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

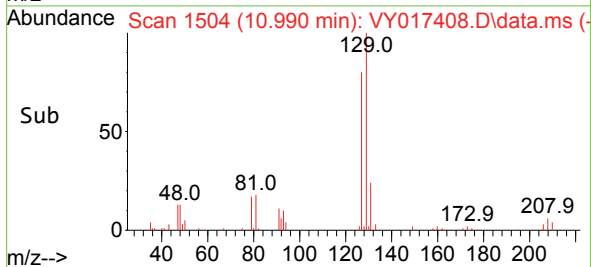
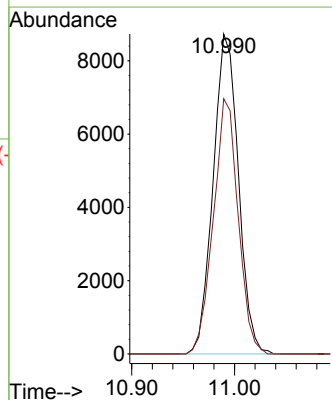
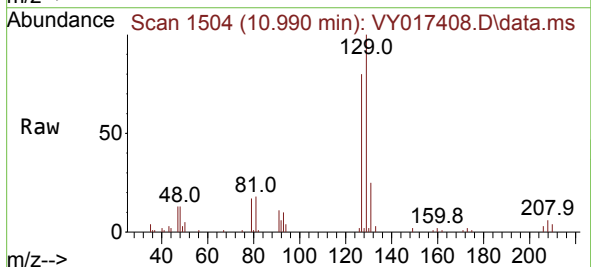
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

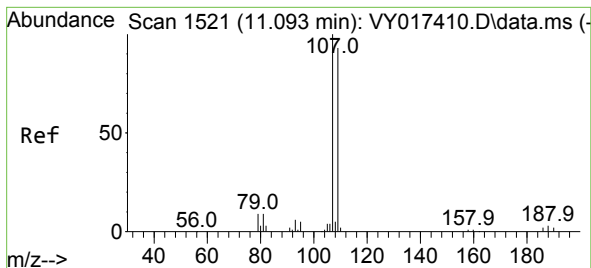
Tgt Ion: 43 Resp: 26821
Ion Ratio Lower Upper
43 100
58 59.9 31.4 94.0



#60
Dibromochloromethane
Concen: 9.660 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 129 Resp: 14873
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

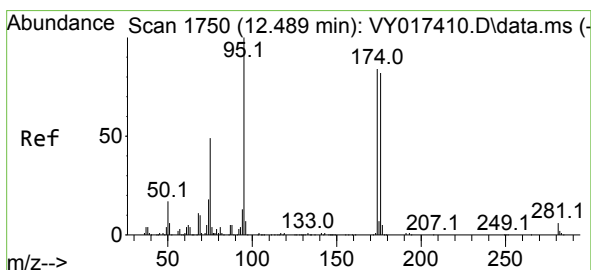
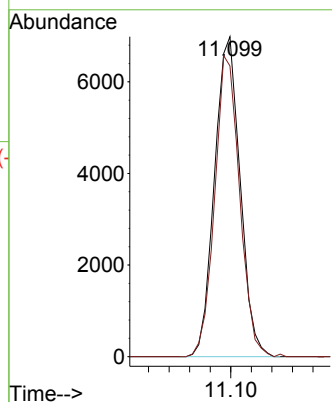
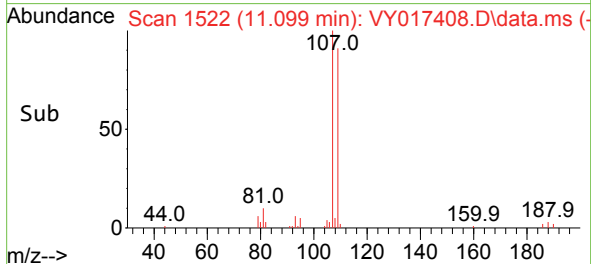
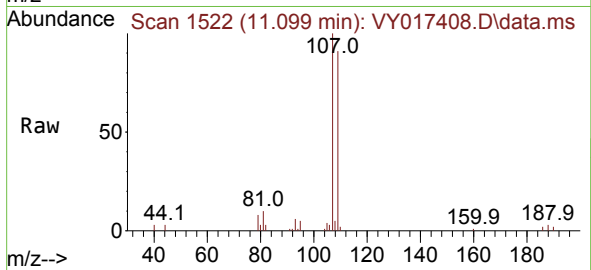




#61
1,2-Dibromoethane
Concen: 9.960 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

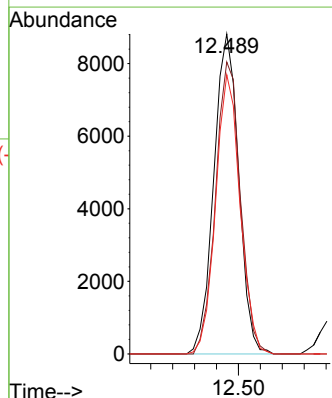
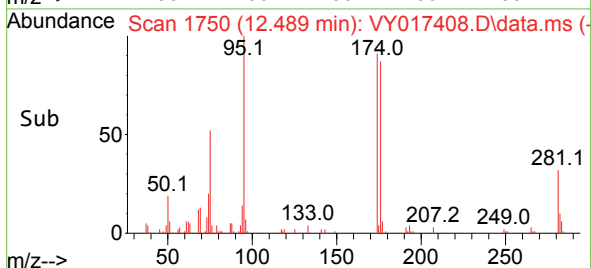
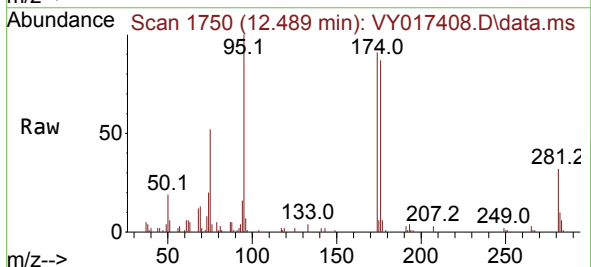
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

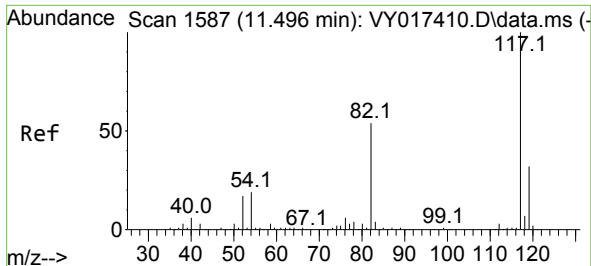
Tgt Ion:107 Resp: 12068
Ion Ratio Lower Upper
107 100
109 91.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 8.777 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 95 Resp: 13866
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 85.9 0.0 171.4

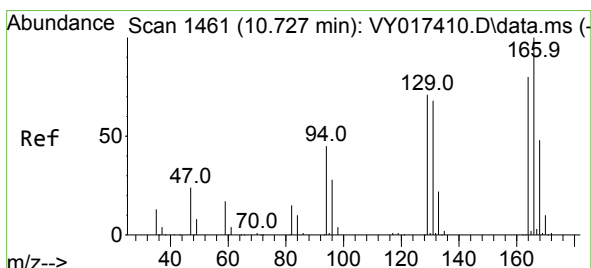
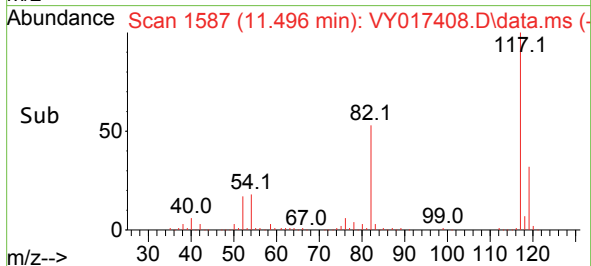
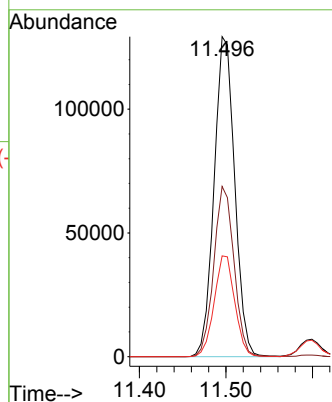
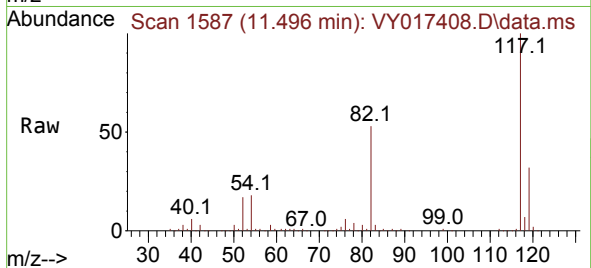




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

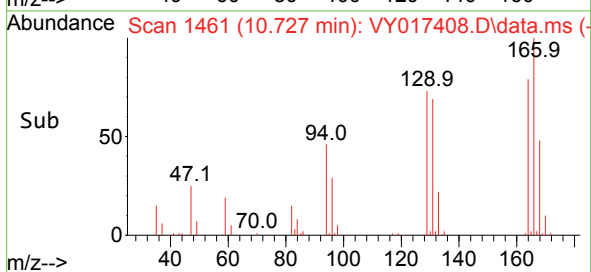
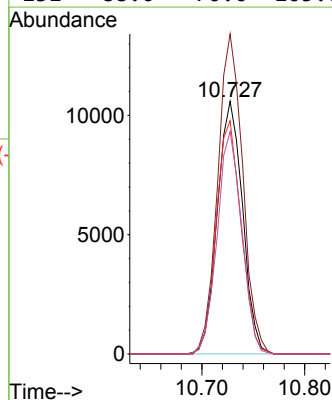
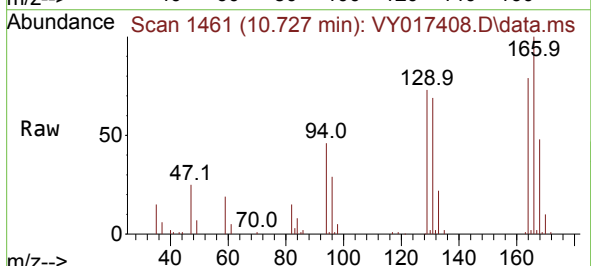
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

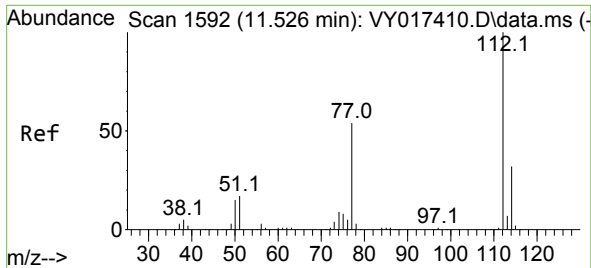
Tgt Ion:117 Resp: 213670
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 10.556 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion:164 Resp: 18051
Ion Ratio Lower Upper
164 100
166 126.7 102.6 154.0
129 92.4 72.0 108.0
131 88.0 70.0 105.0

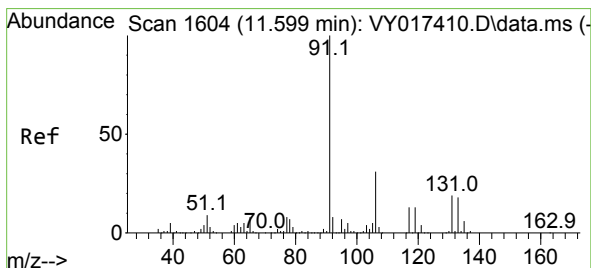
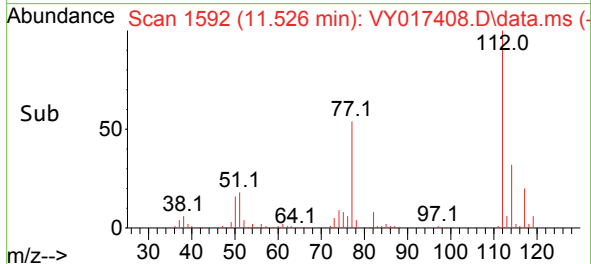
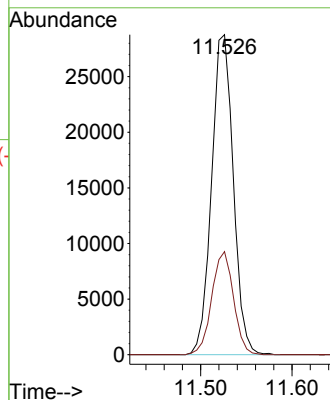
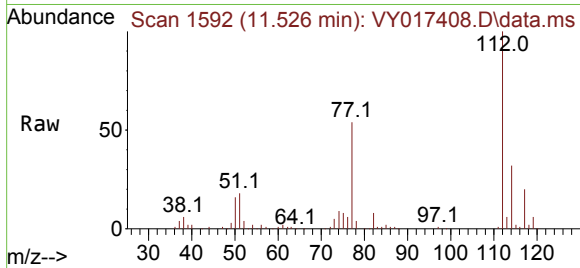




#65
Chlorobenzene
Concen: 10.310 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

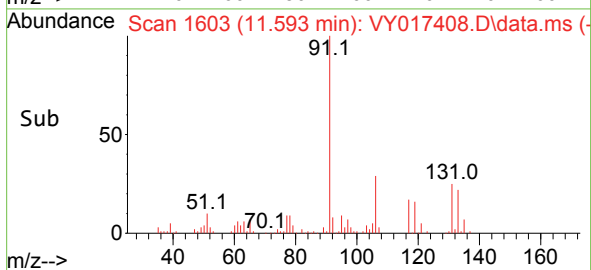
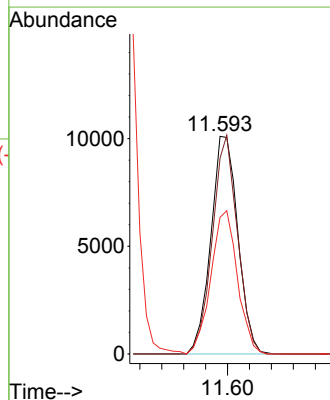
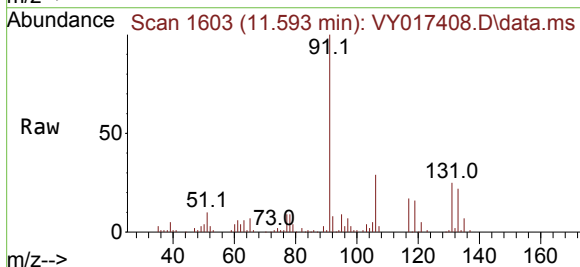
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

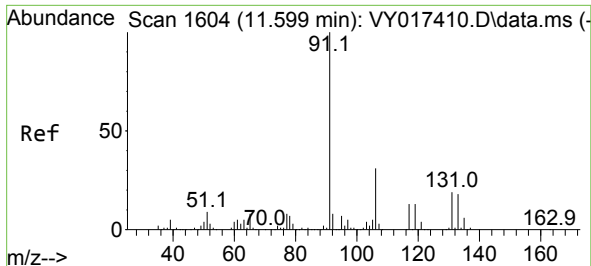
Tgt Ion:112 Resp: 47460
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.083 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion:131 Resp: 17284
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.3
119 64.7 34.1 102.2

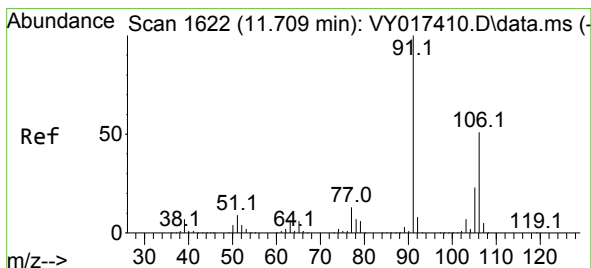
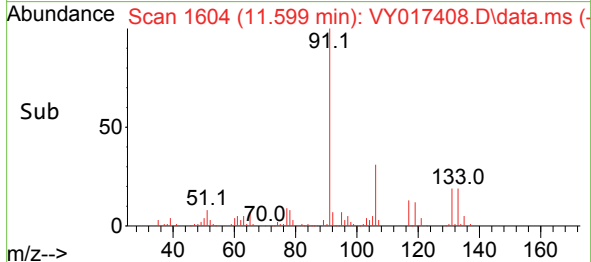
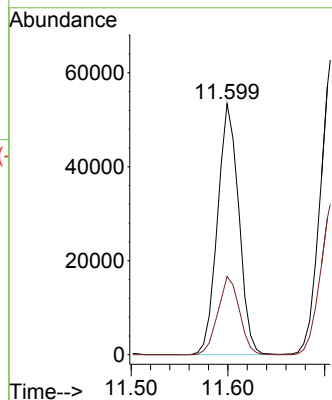
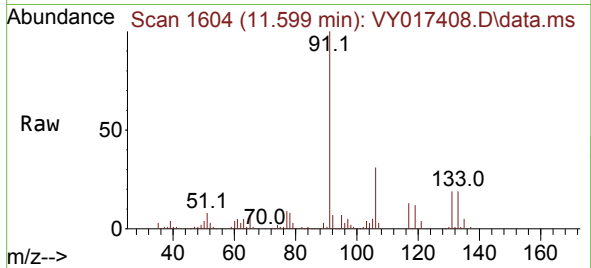




#67
Ethyl Benzene
Concen: 9.882 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

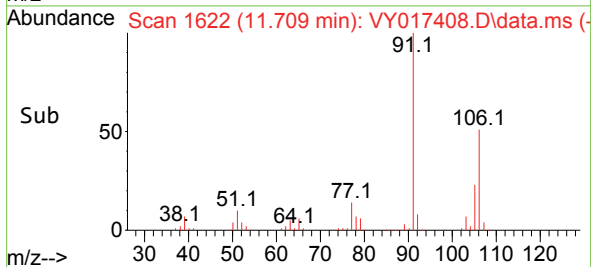
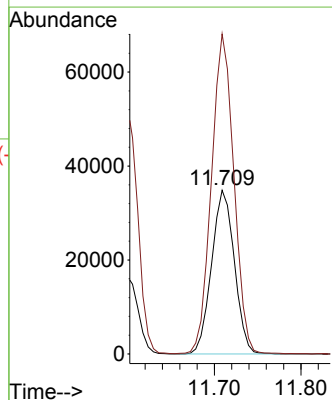
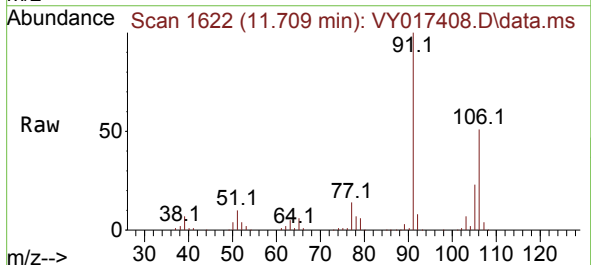
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

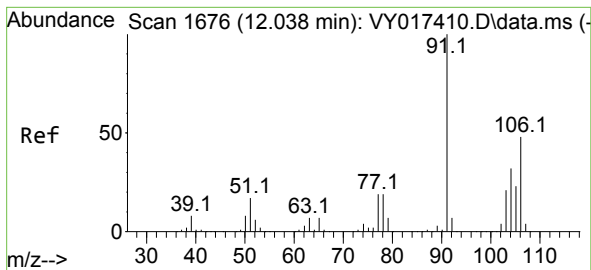
Tgt Ion: 91 Resp: 81359
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 19.695 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 106 Resp: 63740
Ion Ratio Lower Upper
106 100
91 192.7 156.0 234.0





#69

o-Xylene

Concen: 9.625 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

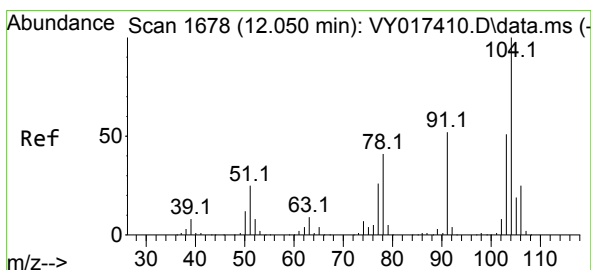
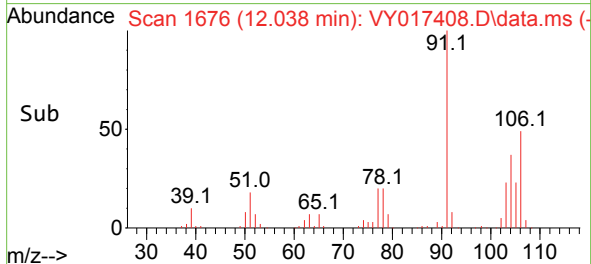
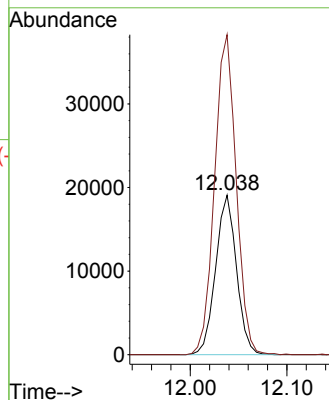
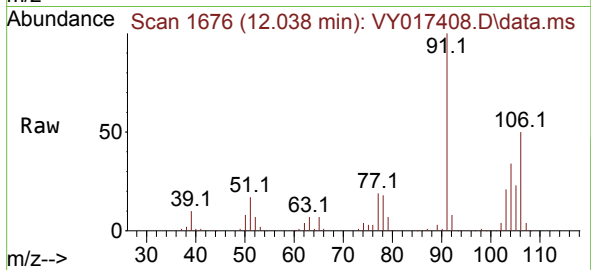
VSTDICC010

Tgt Ion:106 Resp: 28576

Ion Ratio Lower Upper

106 100

91 207.8 103.6 310.8



#70

Styrene

Concen: 9.405 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

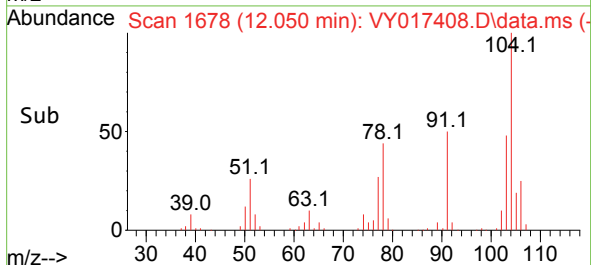
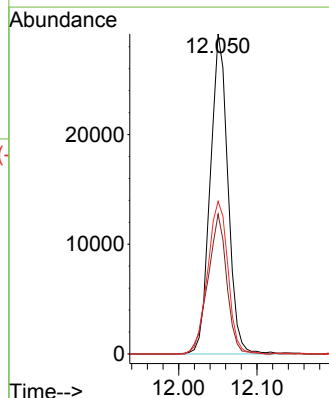
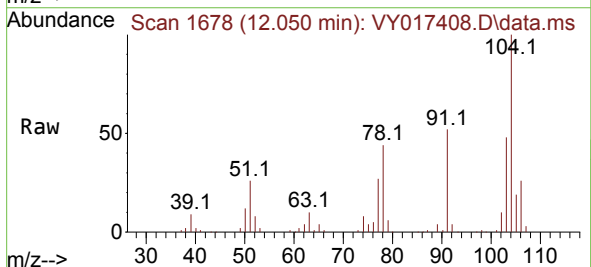
Tgt Ion:104 Resp: 45861

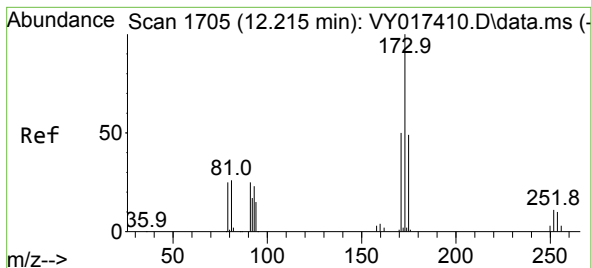
Ion Ratio Lower Upper

104 100

78 46.3 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 9.434 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

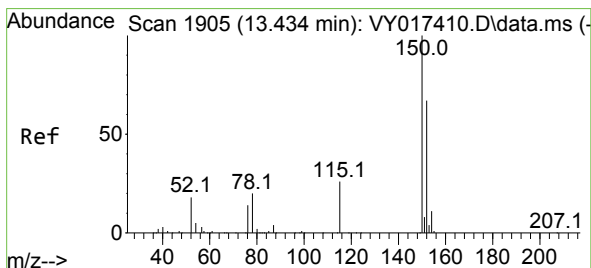
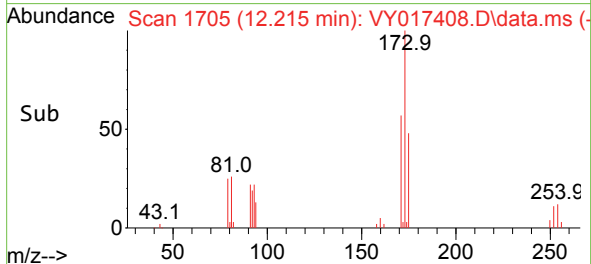
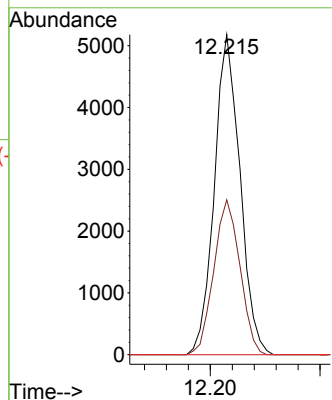
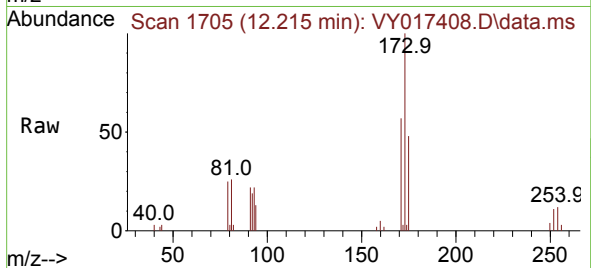
Tgt Ion:173 Resp: 8414

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

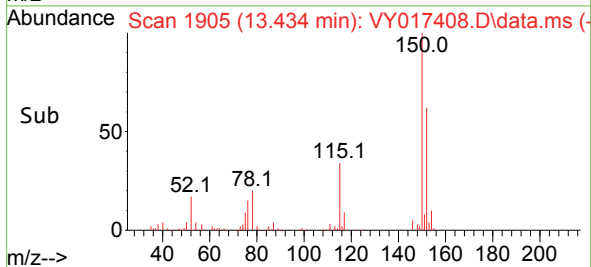
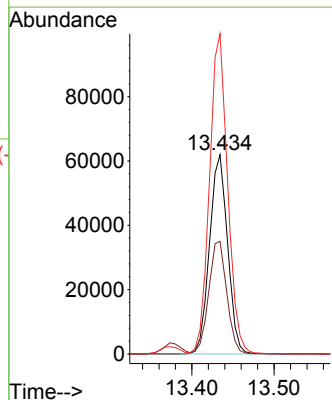
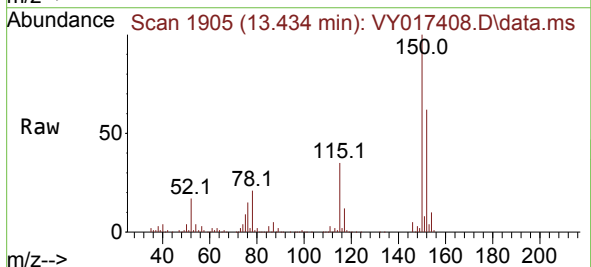
Tgt Ion:152 Resp: 94470

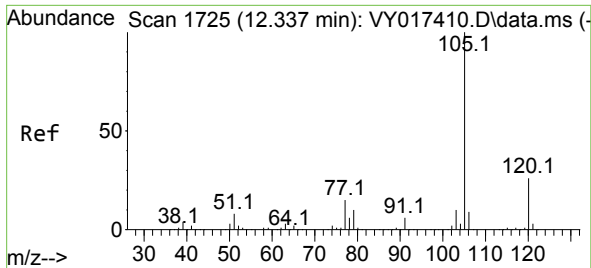
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 161.4 0.0 345.6

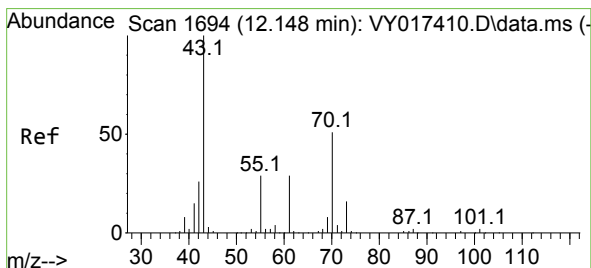
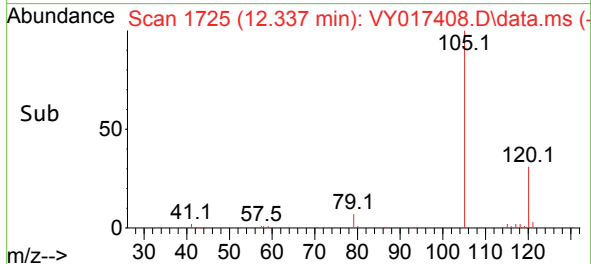
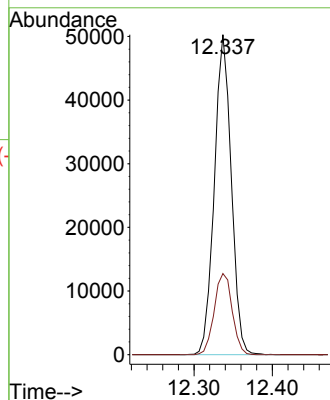
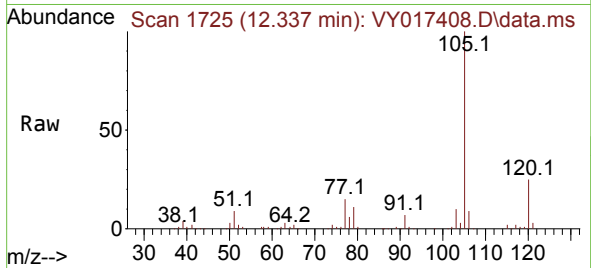




#73
Isopropylbenzene
Concen: 10.343 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

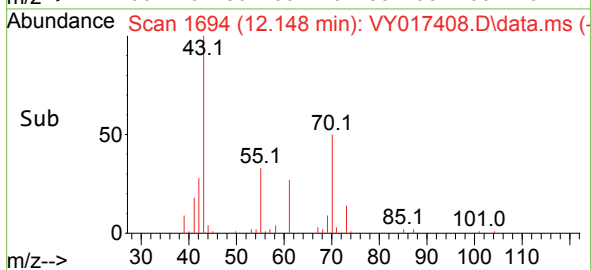
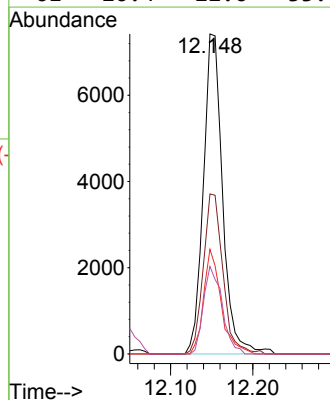
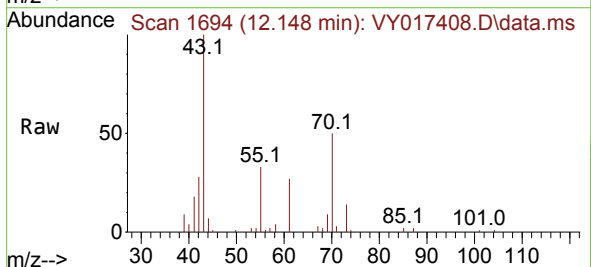
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

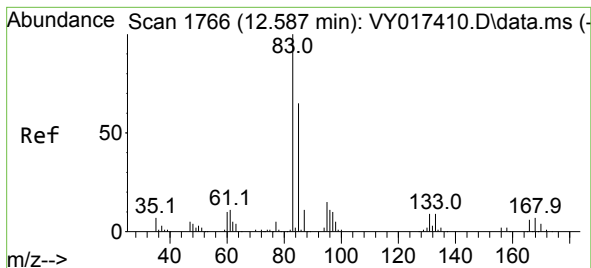
Tgt Ion:105 Resp: 75477
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 9.526 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 43 Resp: 12104
Ion Ratio Lower Upper
43 100
70 51.0 41.4 62.2
55 29.7 23.3 34.9
61 26.4 22.6 33.8

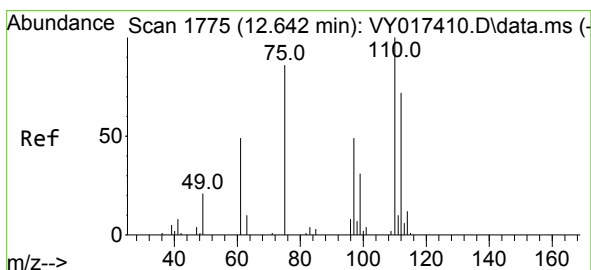
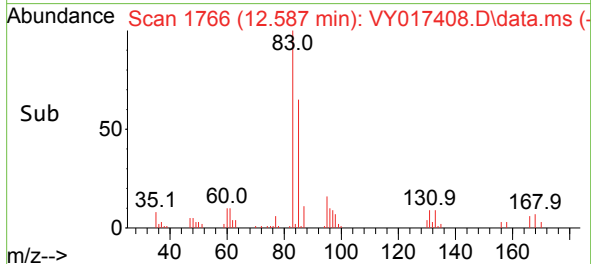
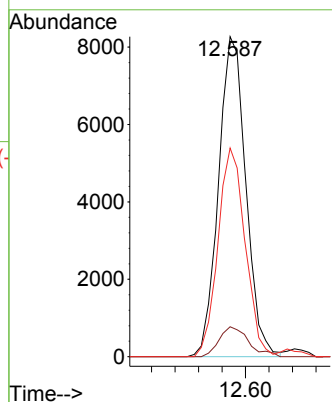
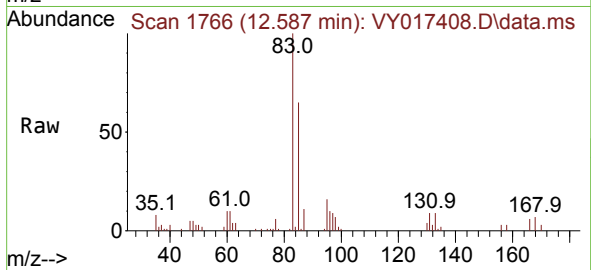




#75
1,1,2,2-Tetrachloroethane
Concen: 10.244 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

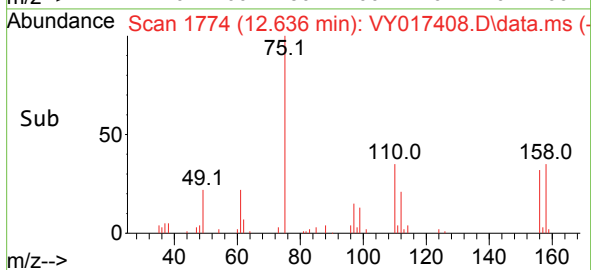
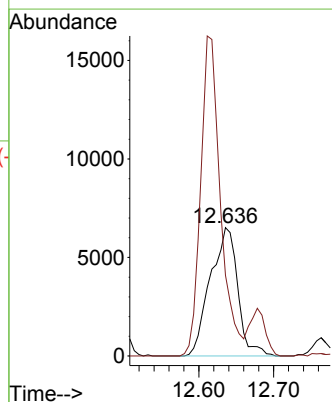
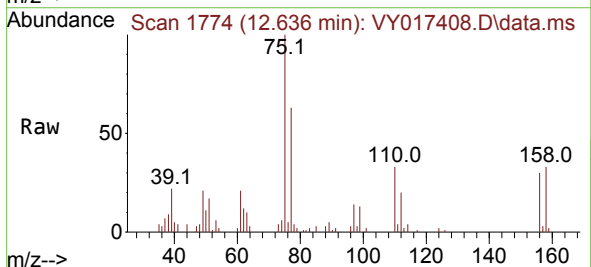
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

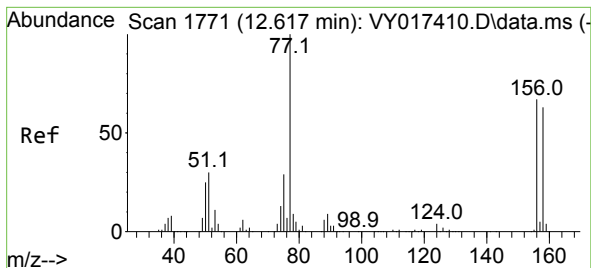
Tgt Ion: 83 Resp: 13360
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 18.139 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 75 Resp: 16660
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.260 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

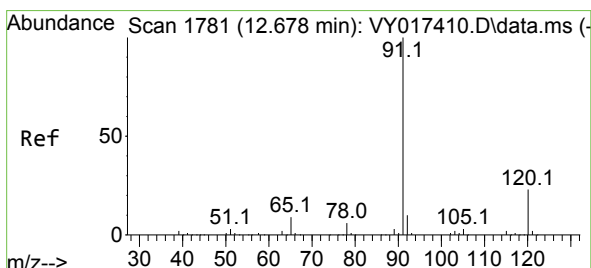
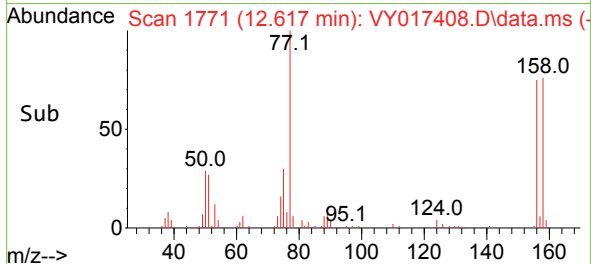
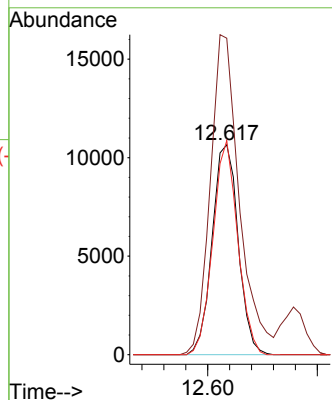
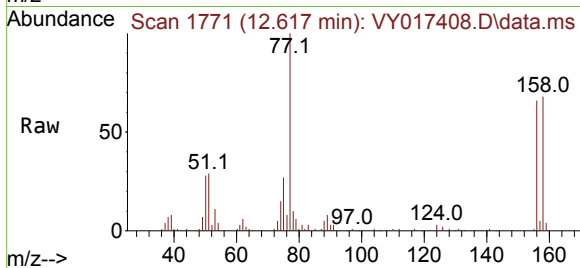
Tgt Ion:156 Resp: 17559

Ion Ratio Lower Upper

156 100

77 170.3 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 10.419 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017408.D

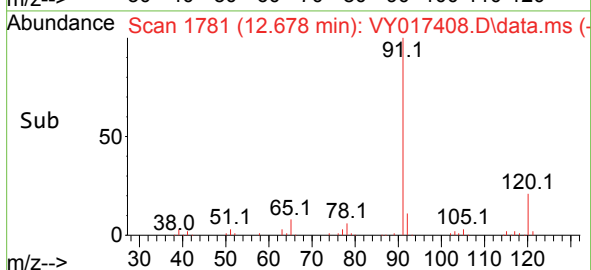
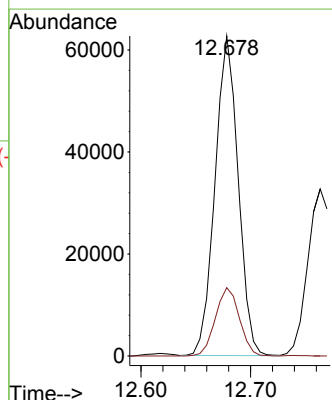
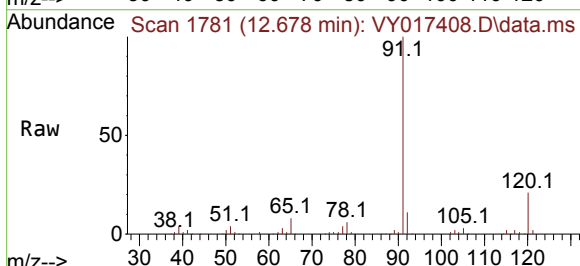
Acq: 19 Feb 2024 17:03

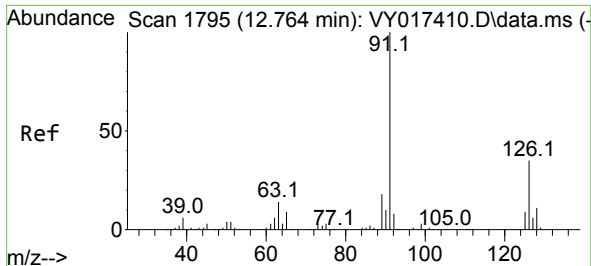
Tgt Ion: 91 Resp: 91966

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

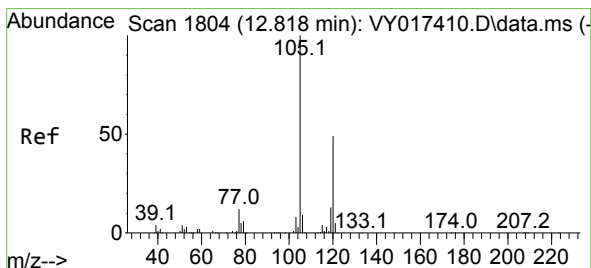
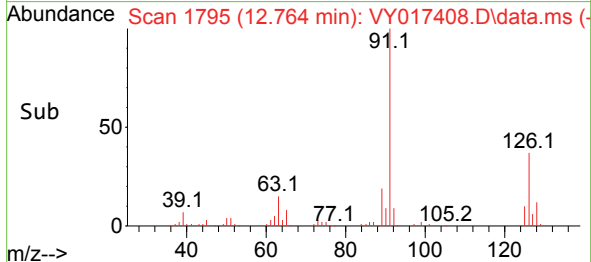
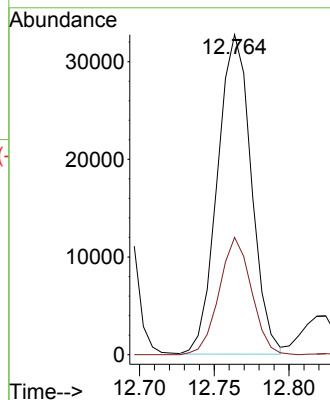
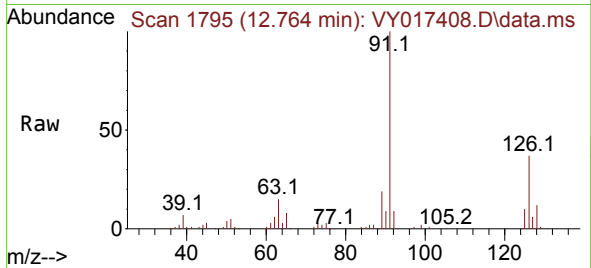




#79
2-Chlorotoluene
Concen: 10.582 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

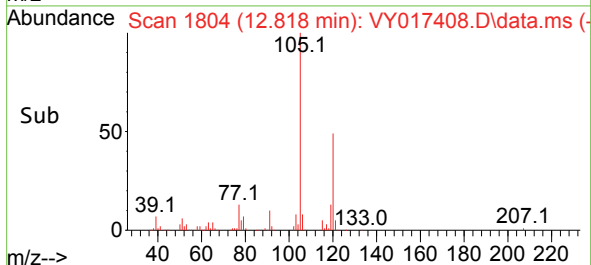
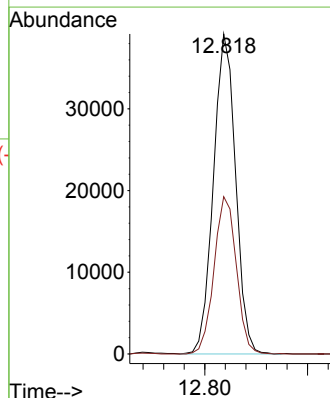
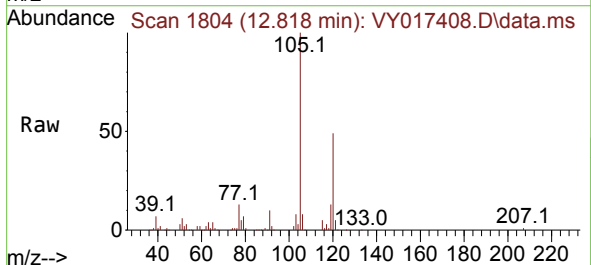
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

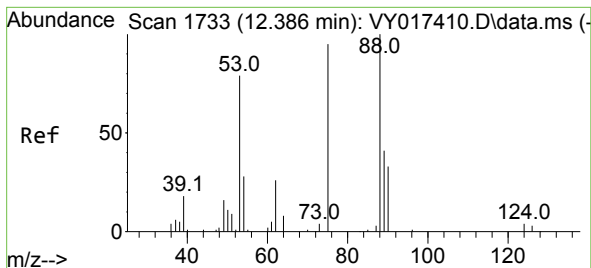
Tgt Ion: 91 Resp: 51430
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 10.055 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 105 Resp: 58687
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.2

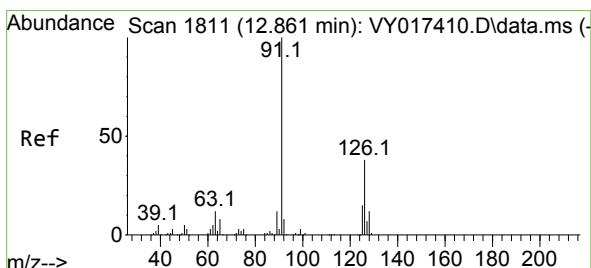
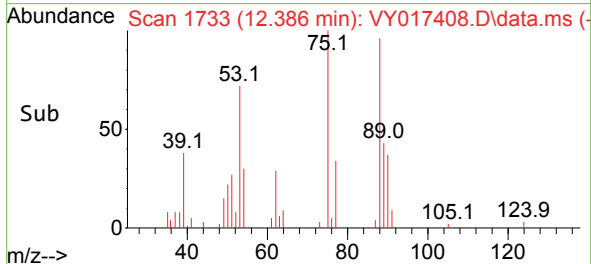
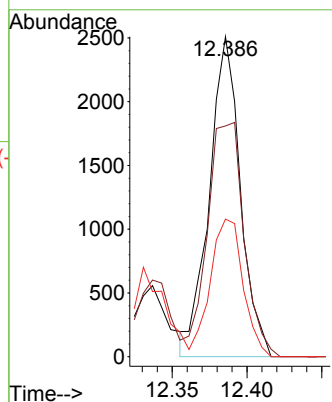
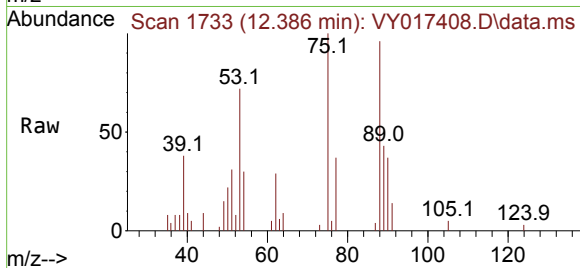




#81
trans-1,4-Dichloro-2-butene
Concen: 9.212 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

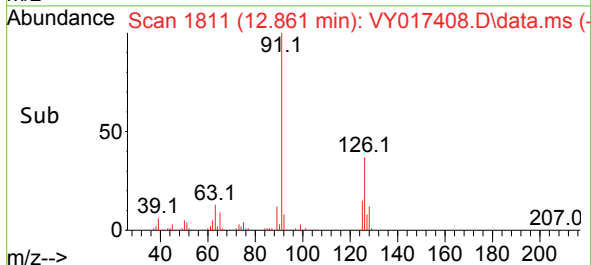
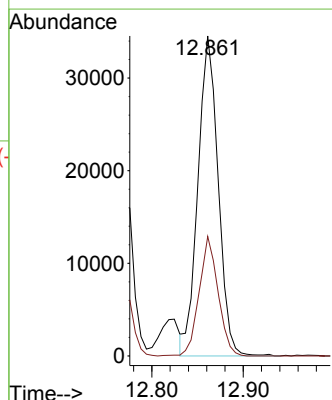
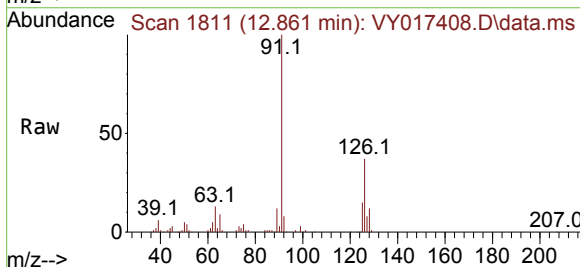
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

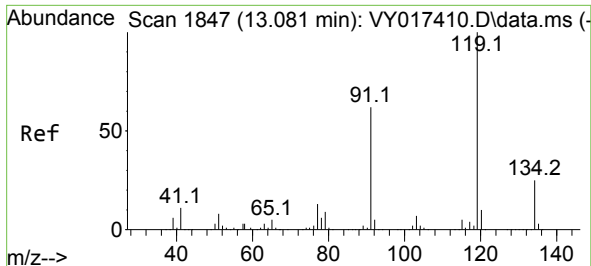
Tgt Ion:	75	Resp:	3619
Ion Ratio	Lower	Upper	
75	100		
53	86.5	66.8	100.2
89	45.5	35.8	53.6



#82
4-Chlorotoluene
Concen: 10.588 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion:	91	Resp:	53103
Ion Ratio	Lower	Upper	
91	100		
126	35.0	17.6	52.9

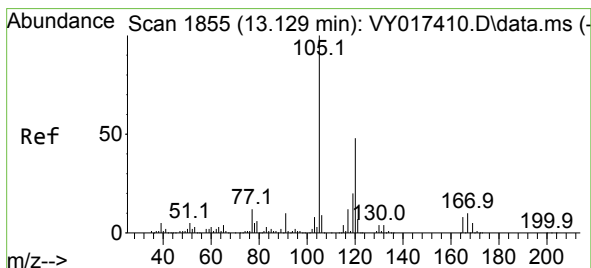
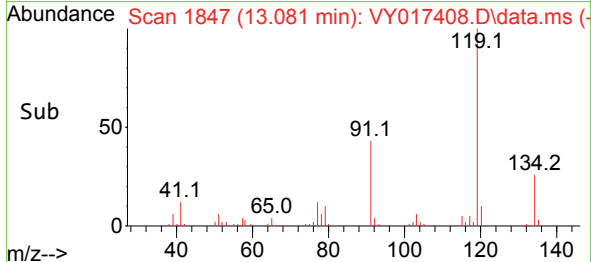
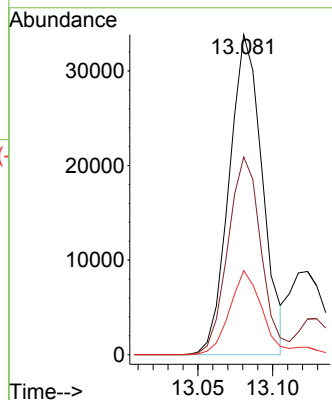
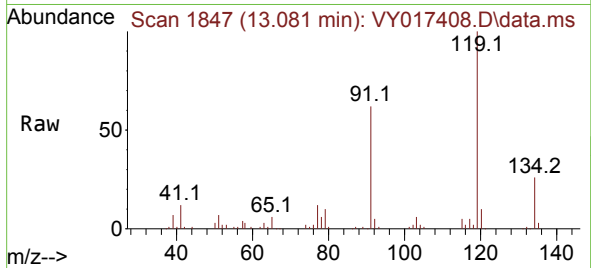




#83
tert-Butylbenzene
Concen: 10.282 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

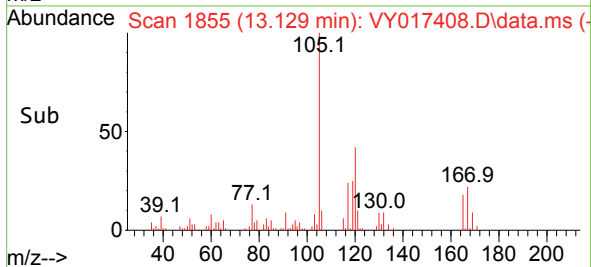
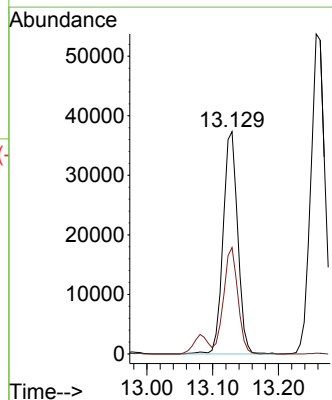
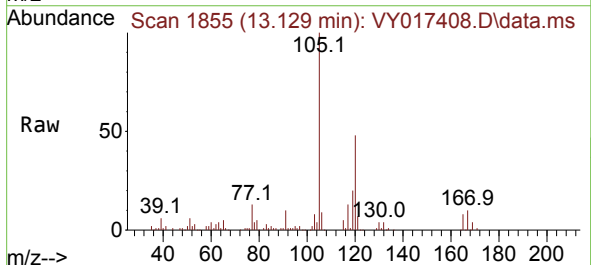
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

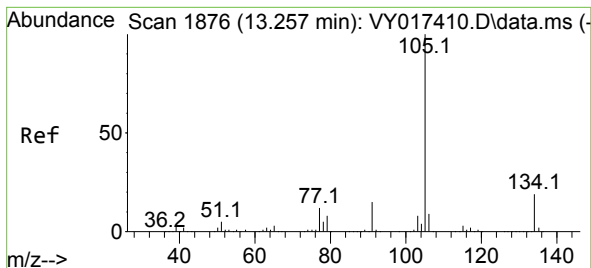
Tgt Ion:119 Resp: 52404
Ion Ratio Lower Upper
119 100
91 62.0 31.3 93.8
134 27.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 9.998 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion:105 Resp: 57811
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 10.316 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

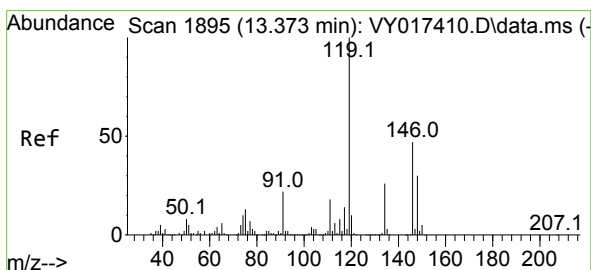
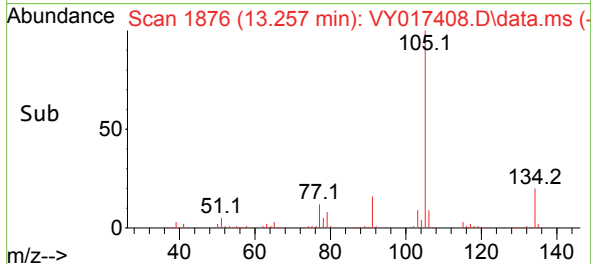
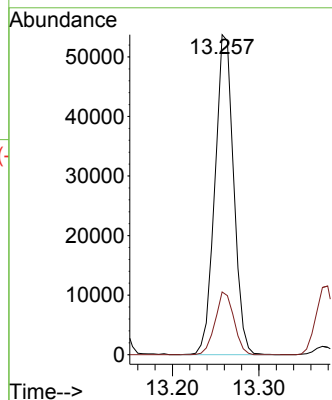
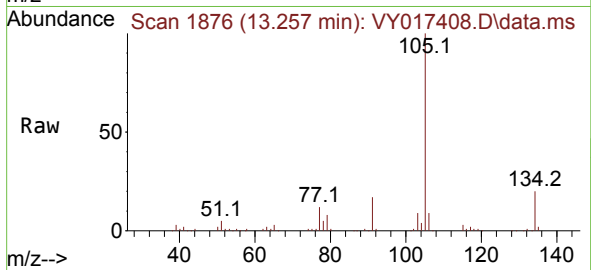
VSTDIC010

Tgt Ion:105 Resp: 80760

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 9.904 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

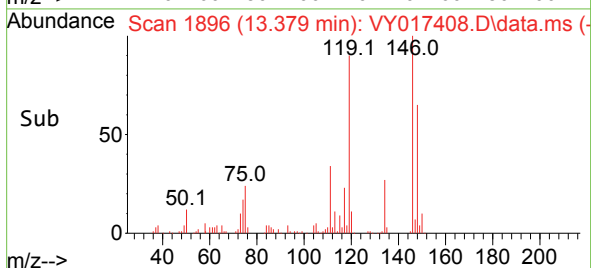
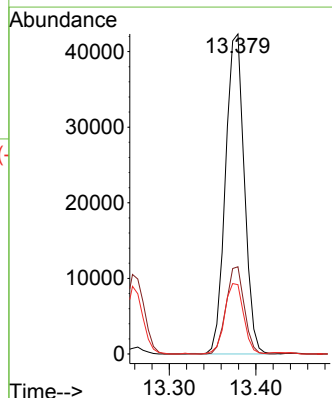
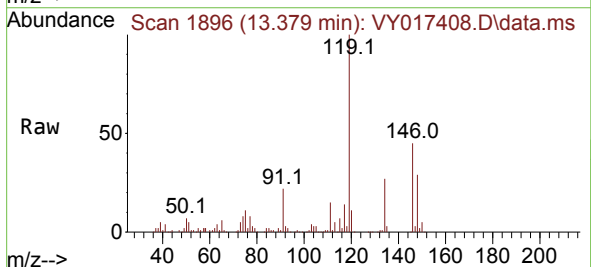
Tgt Ion:119 Resp: 63859

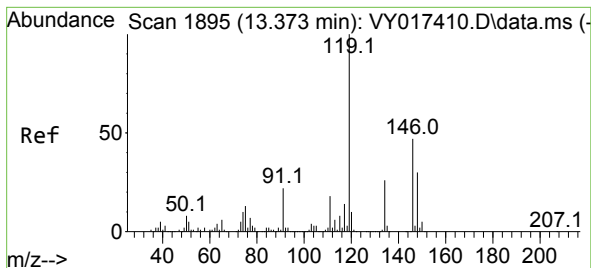
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 10.323 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

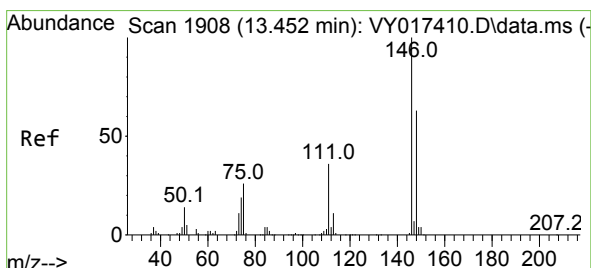
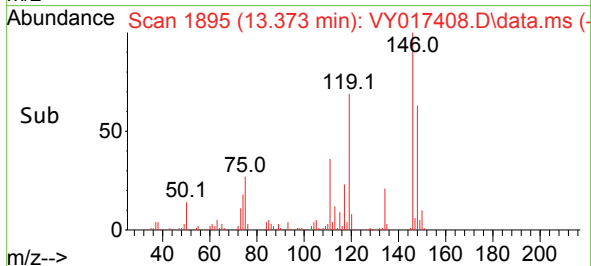
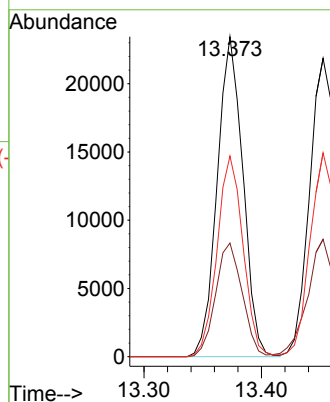
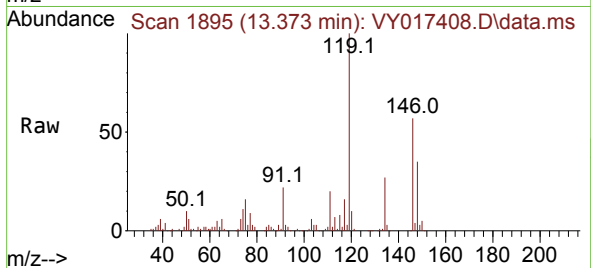
Tgt Ion:146 Resp: 35679

Ion Ratio Lower Upper

146 100

111 36.7 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 10.409 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

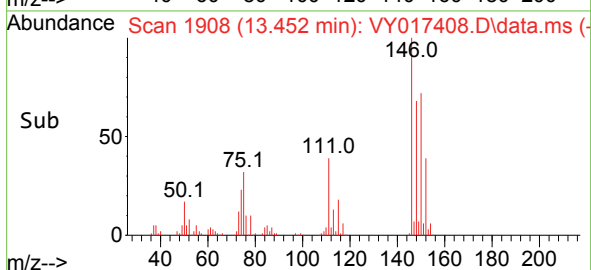
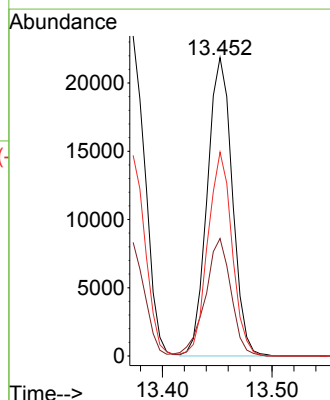
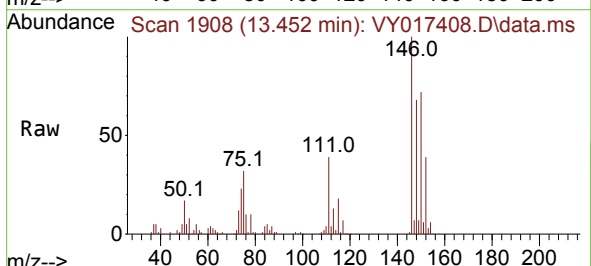
Tgt Ion:146 Resp: 34735

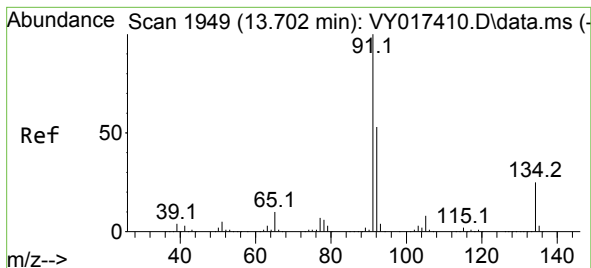
Ion Ratio Lower Upper

146 100

111 40.6 18.4 55.4

148 66.5 32.4 97.2

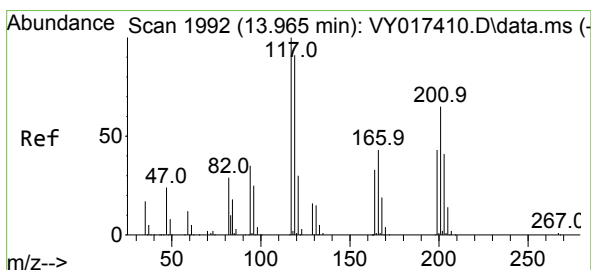
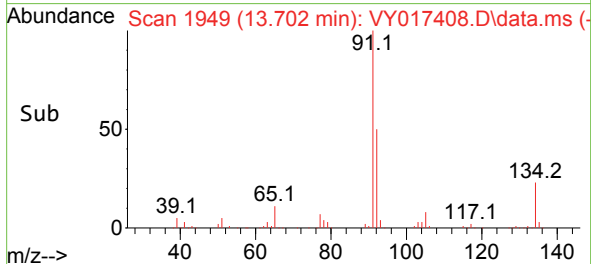
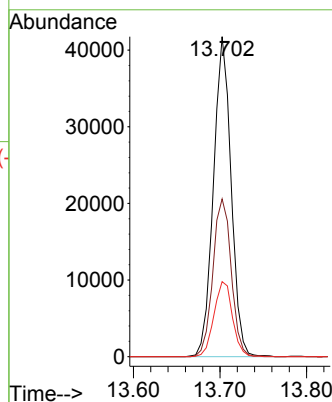
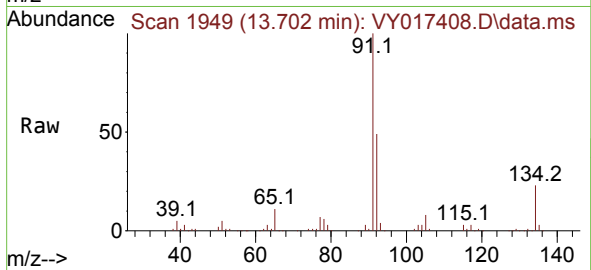




#89
n-Butylbenzene
Concen: 10.089 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

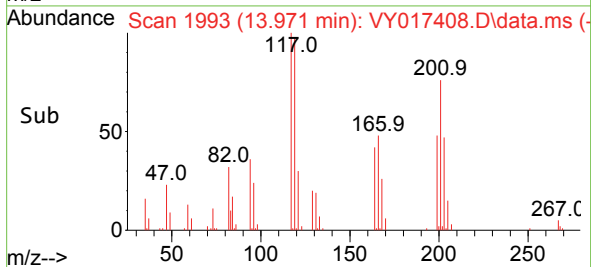
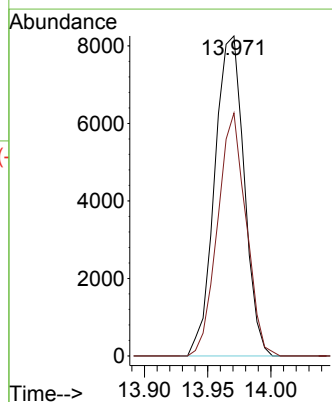
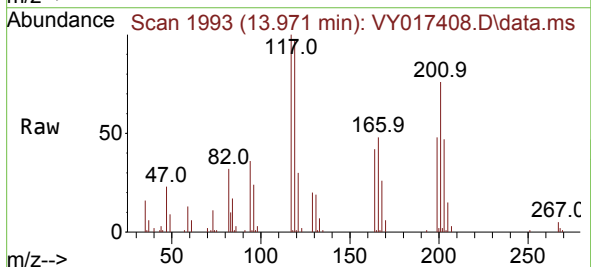
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

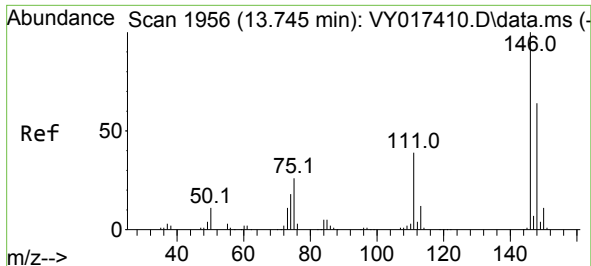
Tgt Ion: 91 Resp: 59166
Ion Ratio Lower Upper
91 100
92 51.3 26.6 79.7
134 24.6 12.9 38.7



#90
Hexachloroethane
Concen: 10.570 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017408.D
Acq: 19 Feb 2024 17:03

Tgt Ion: 117 Resp: 13354
Ion Ratio Lower Upper
117 100
201 73.3 37.4 112.2

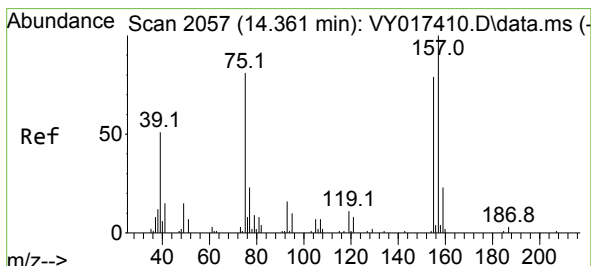
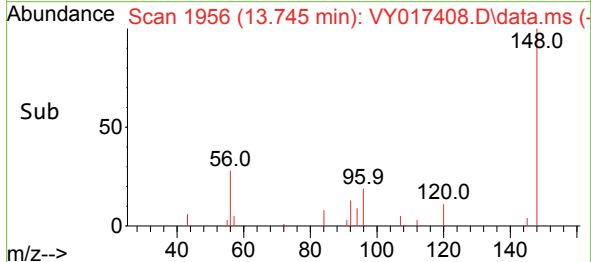
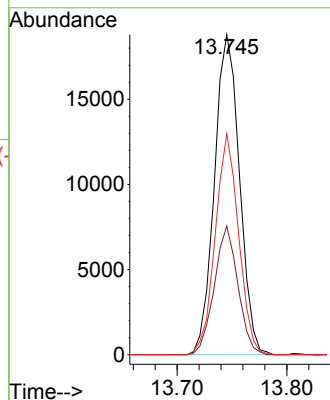
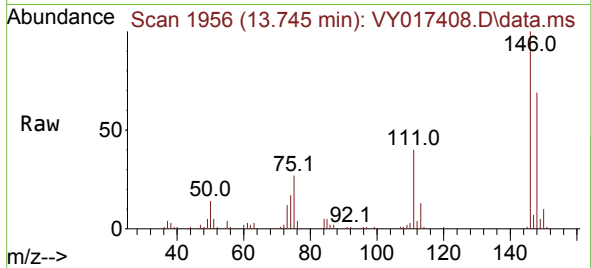




#91
 1,2-Dichlorobenzene
 Concen: 10.261 ug/l
 RT: 13.745 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VY017408.D
 Acq: 19 Feb 2024 17:03

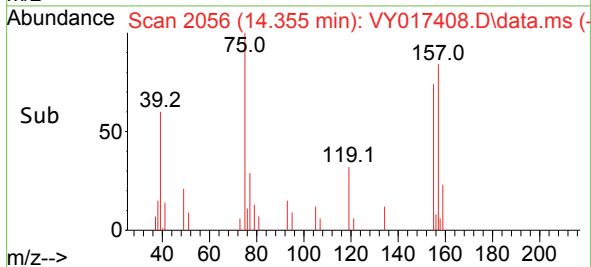
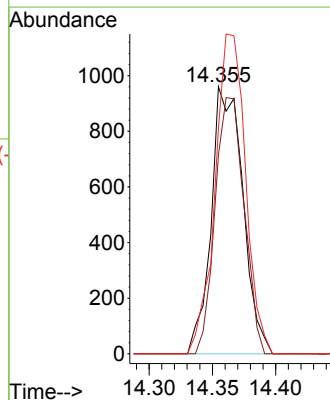
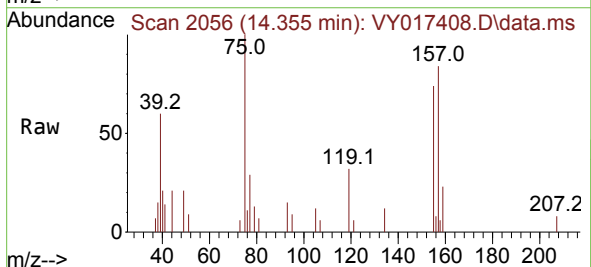
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

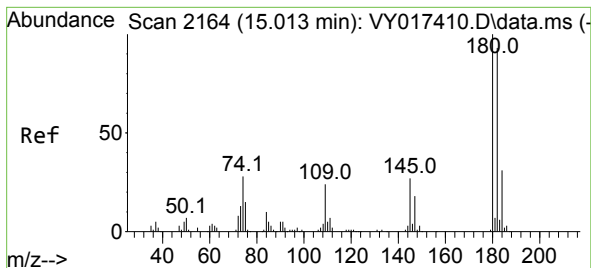
Tgt Ion:	146	Resp:	29850
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.9	59.7
148	64.3	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.131 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VY017408.D
 Acq: 19 Feb 2024 17:03

Tgt Ion:	75	Resp:	1670
Ion Ratio	Lower	Upper	
75	100		
155	87.6	48.6	145.8
157	115.1	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 9.579 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

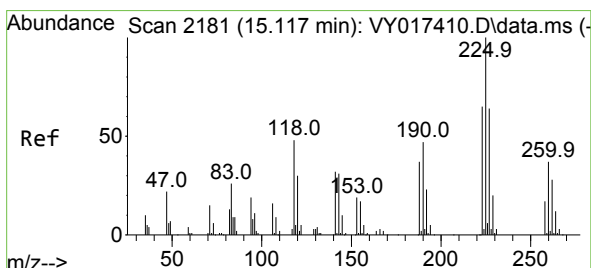
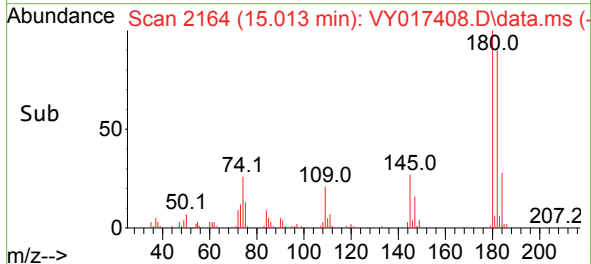
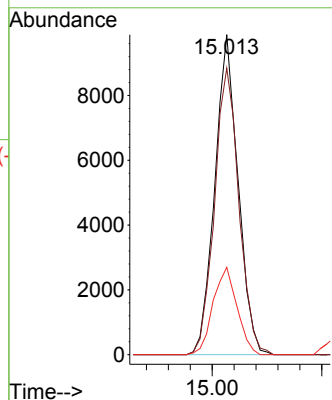
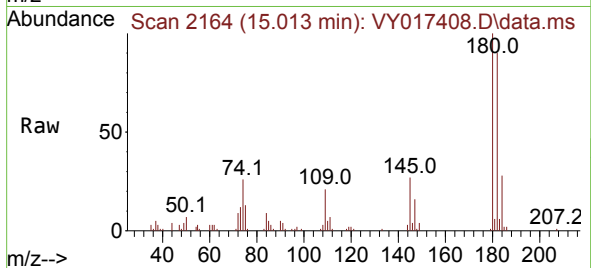
Tgt Ion:180 Resp: 14571

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 10.668 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

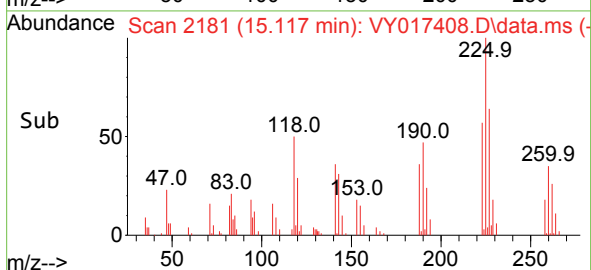
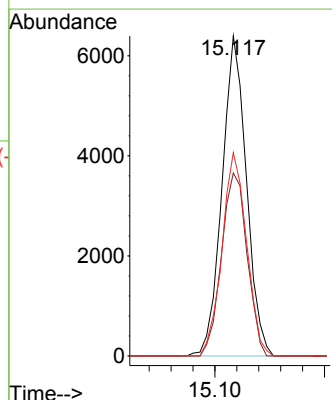
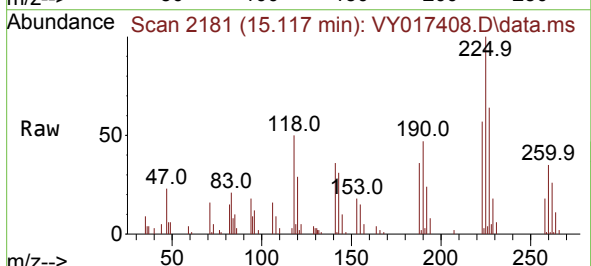
Tgt Ion:225 Resp: 9869

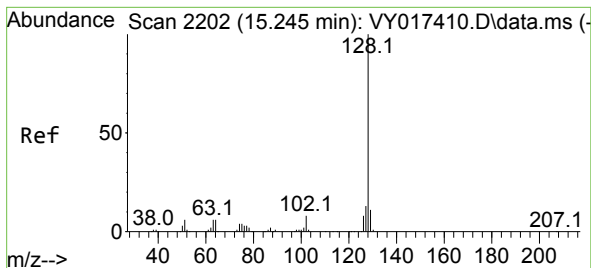
Ion Ratio Lower Upper

225 100

223 59.8 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 10.496 ug/l

RT: 15.245 min Scan# 21151

Delta R.T. -0.000 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

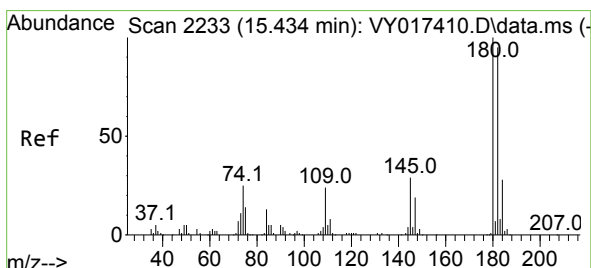
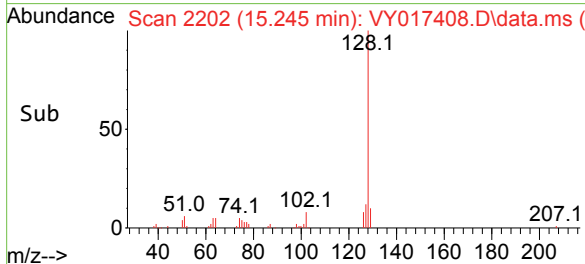
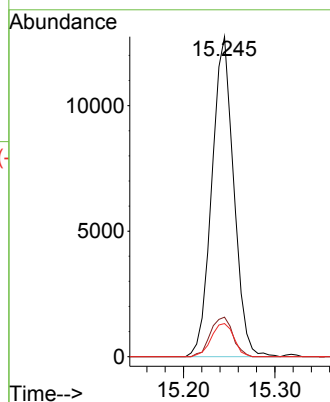
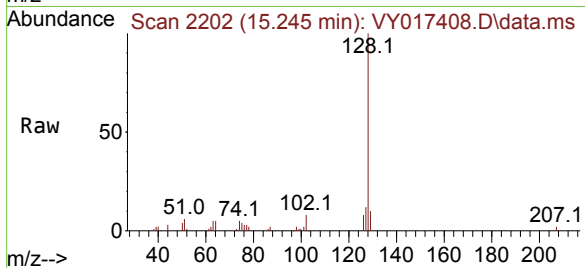
Tgt Ion:128 Resp: 21151

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.371 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017408.D

Acq: 19 Feb 2024 17:03

Tgt Ion:180 Resp: 11984

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

145 31.0 15.4 46.1

