

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017407.D
 Acq On : 19 Feb 2024 16:40
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 20 06:05:01 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	156256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	258649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	221007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	97636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6850	5.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.260%#
35) Dibromofluoromethane	7.728	113	7098	4.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.380%#
50) Toluene-d8	10.191	98	26453	4.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.000%#
62) 4-Bromofluorobenzene	12.489	95	7434	5.393	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.780%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	7081	5.683	ug/l	97
3) Chloromethane	2.119	50	14590	5.738	ug/l	95
4) Vinyl Chloride	2.253	62	18895	5.707	ug/l	100
5) Bromomethane	2.662	94	16712	3.998	ug/l	94
6) Chloroethane	2.802	64	12357	5.859	ug/l	98
7) Trichlorofluoromethane	3.131	101	15118	5.324	ug/l	86
8) Diethyl Ether	3.527	74	4192	5.223	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.911	101	9007	5.488	ug/l	96
10) Methyl Iodide	4.107	142	7974	4.566	ug/l	98
11) Tert butyl alcohol	4.954	59	3424	32.989	ug/l #	88
12) 1,1-Dichloroethene	3.887	96	8239	5.341	ug/l	95
13) Acrolein	3.741	56	3875	27.899	ug/l	95
14) Allyl chloride	4.485	41	9838	5.262	ug/l	98
15) Acrylonitrile	5.173	53	8581	26.894	ug/l #	84
16) Acetone	3.960	43	8230	28.468	ug/l #	84
17) Carbon Disulfide	4.204	76	26579	5.423	ug/l	100
18) Methyl Acetate	4.485	43	3555	5.423	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	17126	4.915	ug/l	99
20) Methylene Chloride	4.728	84	19051	5.307	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	9000	5.044	ug/l	97
22) Diisopropyl ether	6.131	45	21456	4.989	ug/l	94
23) Vinyl Acetate	6.070	43	61888	24.215	ug/l	100
24) 1,1-Dichloroethane	6.027	63	15750	5.402	ug/l	99
25) 2-Butanone	6.996	43	10710	26.392	ug/l	90
26) 2,2-Dichloropropane	6.990	77	13327	5.312	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	10146	5.120	ug/l	97
28) Bromochloromethane	7.344	49	5957	5.446	ug/l	99
29) Tetrahydrofuran	7.362	42	5911	24.779	ug/l	96
30) Chloroform	7.514	83	16625	5.402	ug/l	96
31) Cyclohexane	7.795	56	15209	5.755	ug/l #	85
32) 1,1,1-Trichloroethane	7.716	97	14547	5.351	ug/l	99
36) 1,1-Dichloropropene	7.929	75	12816	5.068	ug/l	97
37) Ethyl Acetate	7.088	43	5104	5.543	ug/l #	95
38) Carbon Tetrachloride	7.911	117	12698	5.044	ug/l	97
39) Methylcyclohexane	9.191	83	14556	4.703	ug/l	95
40) Benzene	8.173	78	37578	5.086	ug/l	95

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	5586	12.423	ug/l #	27
42) 1,2-Dichloroethane	8.246	62	9595	5.350	ug/l	100
43) Isopropyl Acetate	8.283	43	7837	4.710	ug/l	98
44) Trichloroethene	8.947	130	10243	5.115	ug/l	100
45) 1,2-Dichloropropane	9.222	63	8446	4.946	ug/l	93
46) Dibromomethane	9.313	93	5035	5.187	ug/l	94
47) Bromodichloromethane	9.502	83	11988	5.023	ug/l	100
48) Methyl methacrylate	9.301	41	3532	4.524	ug/l	93
49) 1,4-Dioxane	9.301	88	885	87.172	ug/l #	92
51) 4-Methyl-2-Pentanone	10.081	43	21652	24.150	ug/l	98
52) Toluene	10.252	92	21751	4.716	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	10227	4.628	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	13399	4.942	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	6795	5.088	ug/l	96
56) Ethyl methacrylate	10.520	69	6053	7.032	ug/l	93
57) 1,3-Dichloropropane	10.794	76	10976	4.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	16743	20.981	ug/l	100
59) 2-Hexanone	10.837	43	13684	22.159	ug/l	96
60) Dibromochloromethane	10.989	129	7838	4.937	ug/l	99
61) 1,2-Dibromoethane	11.093	107	6070	4.858	ug/l	99
64) Tetrachloroethene	10.727	164	9176	5.188	ug/l	93
65) Chlorobenzene	11.526	112	24354	5.115	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	8637	4.871	ug/l	98
67) Ethyl Benzene	11.599	91	38906	4.569	ug/l	95
68) m/p-Xylenes	11.709	106	30675	9.164	ug/l	97
69) o-Xylene	12.038	106	13712	4.465	ug/l	98
70) Styrene	12.050	104	20910	4.146	ug/l	100
71) Bromoform	12.215	173	4387	4.756	ug/l #	94
73) Isopropylbenzene	12.337	105	35528	4.711	ug/l	99
74) N-amyl acetate	12.148	43	6023	4.587	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	7172	5.321	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	8279	8.722	ug/l #	100
77) Bromobenzene	12.617	156	9046	5.114	ug/l	98
78) n-propylbenzene	12.678	91	42777	4.689	ug/l	99
79) 2-Chlorotoluene	12.764	91	24522	4.882	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	27874	4.621	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	1887	4.647	ug/l	90
82) 4-Chlorotoluene	12.861	91	25313	4.884	ug/l	99
83) tert-Butylbenzene	13.081	119	24353	4.623	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	26895	4.500	ug/l	100
85) sec-Butylbenzene	13.257	105	37851	4.678	ug/l	100
86) p-Isopropyltoluene	13.373	119	30045	4.509	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	17557	4.915	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	17646	5.116	ug/l	95
89) n-Butylbenzene	13.702	91	28100	4.636	ug/l	98
90) Hexachloroethane	13.971	117	6664	5.104	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	15501	5.156	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.367	75	874	5.130	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	7263	4.620	ug/l	99
94) Hexachlorobutadiene	15.123	225	4942	5.169	ug/l	96
95) Naphthalene	15.245	128	10177	6.778	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	6316	4.779	ug/l	97

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MSVOA_Y
ClientSampleId :
VSTDICC005

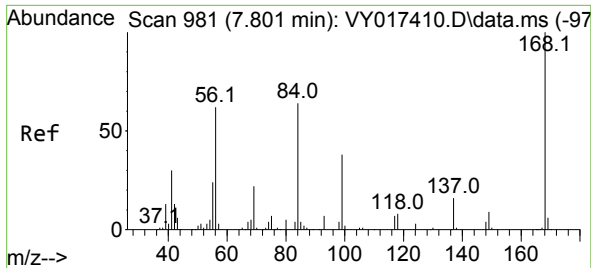
Quant Time: Feb 20 06:05:01 2024
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QLast Update : Tue Feb 20 05:58:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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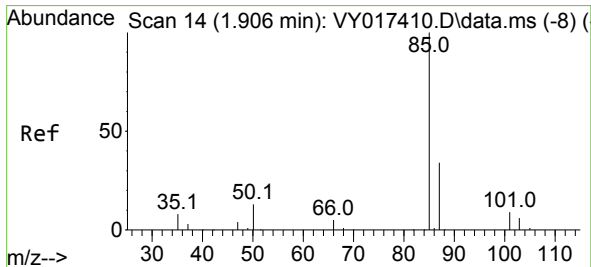
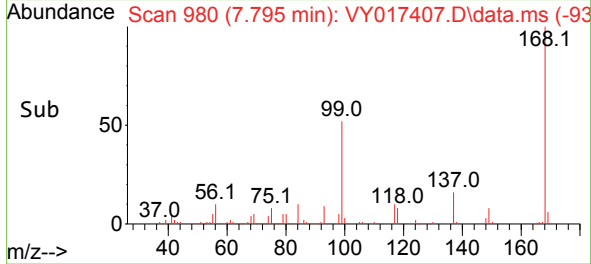
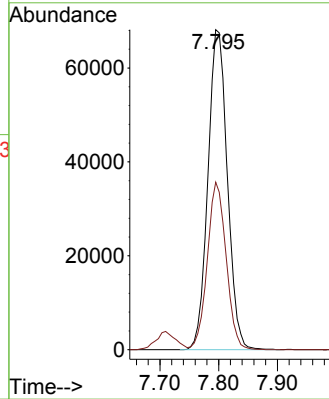
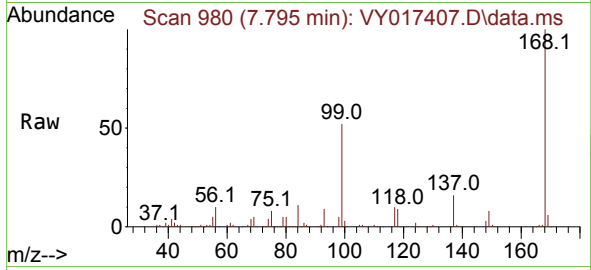




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

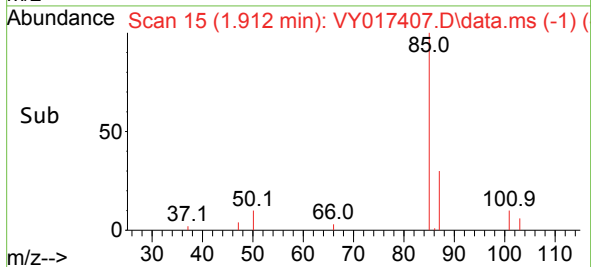
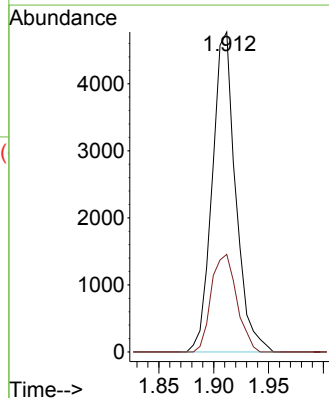
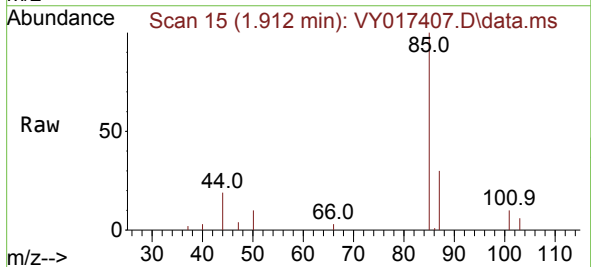
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

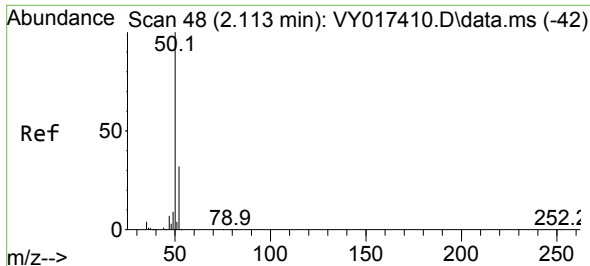
Tgt Ion:168 Resp: 156256
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 5.683 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 85 Resp: 7081
Ion Ratio Lower Upper
85 100
87 30.5 16.0 48.0

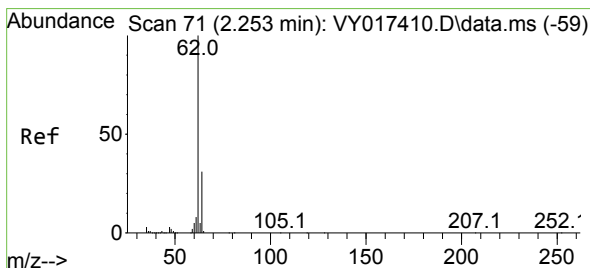
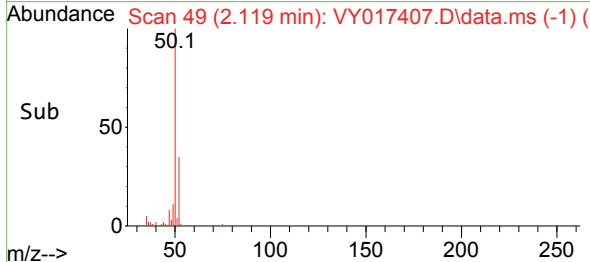
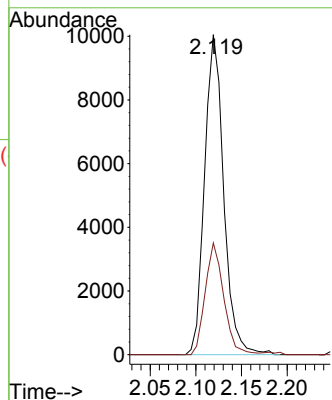
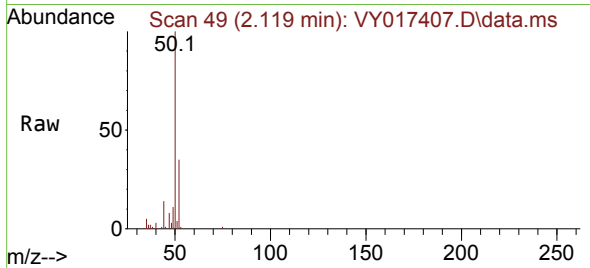




#3
Chloromethane
Concen: 5.738 ug/l
RT: 2.119 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

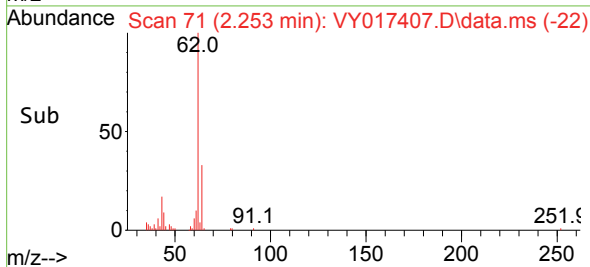
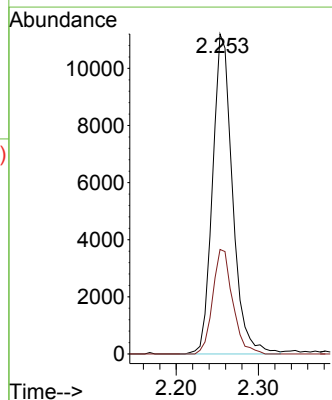
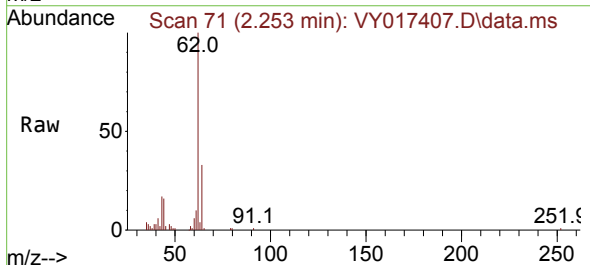
Instrument :
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ClientSampleId :
VSTDICC005

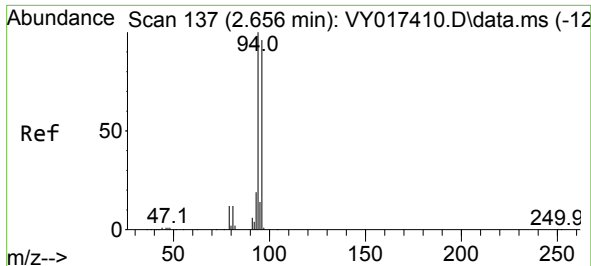
Tgt Ion: 50 Resp: 14590
Ion Ratio Lower Upper
50 100
52 34.9 25.6 38.4



#4
Vinyl Chloride
Concen: 5.707 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 62 Resp: 18895
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

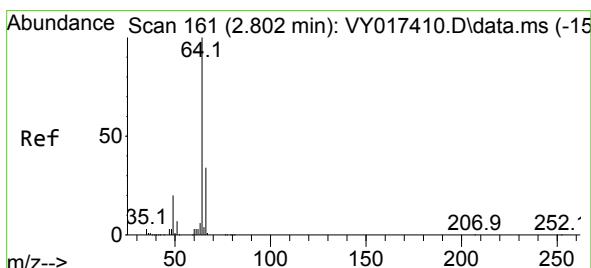
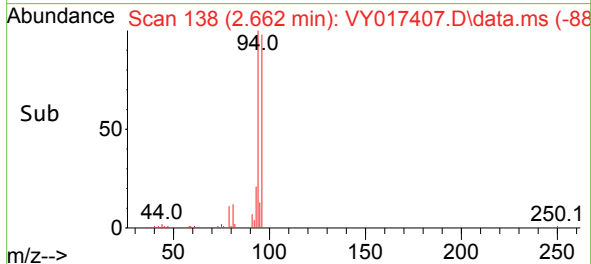
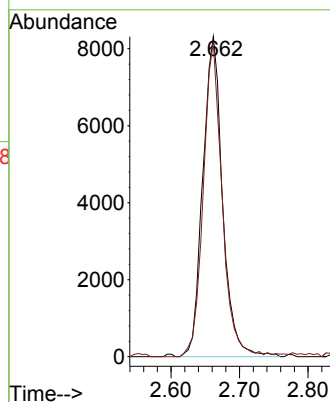
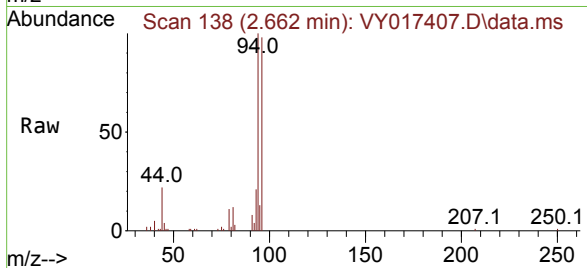




#5
Bromomethane
Concen: 3.998 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

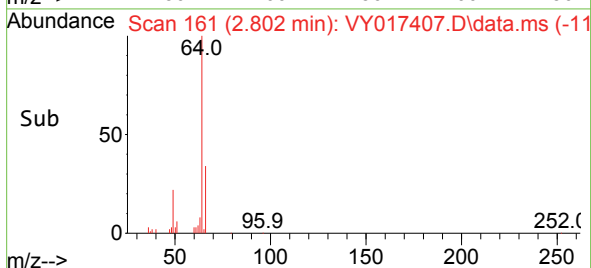
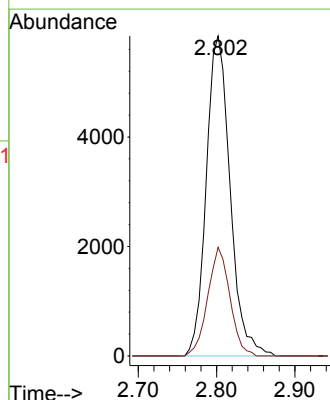
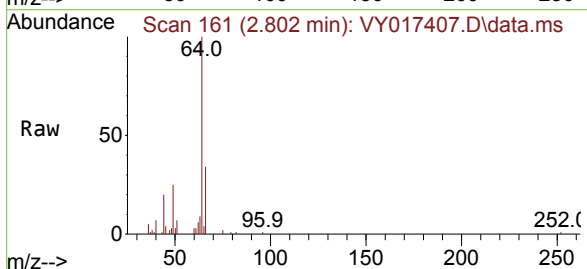
Instrument :
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ClientSampleId :
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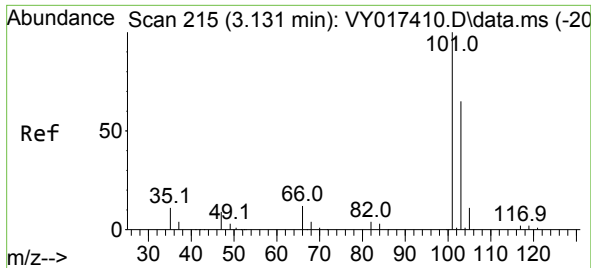
Tgt Ion: 94 Resp: 16712
Ion Ratio Lower Upper
94 100
96 98.3 74.1 111.1



#6
Chloroethane
Concen: 5.859 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 64 Resp: 12357
Ion Ratio Lower Upper
64 100
66 33.9 26.1 39.1

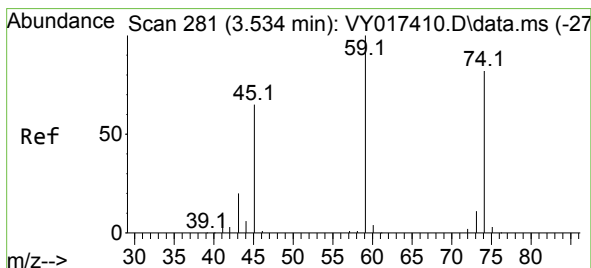
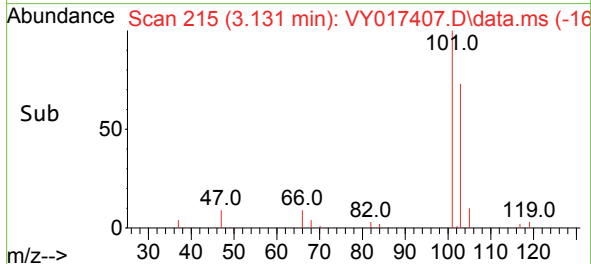
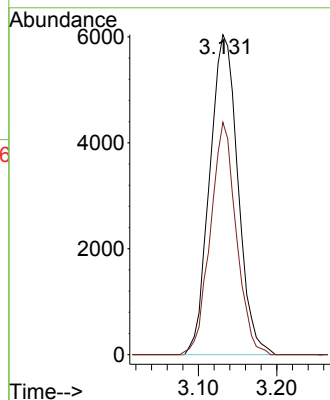
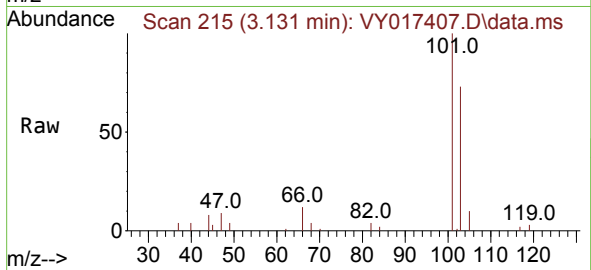




#7
Trichlorofluoromethane
Concen: 5.324 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

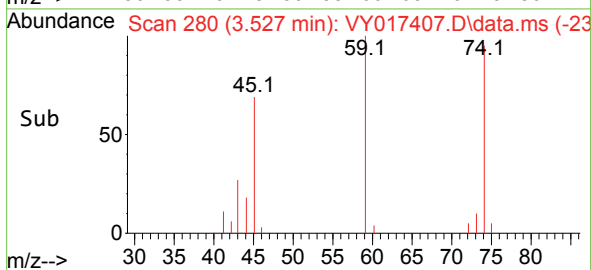
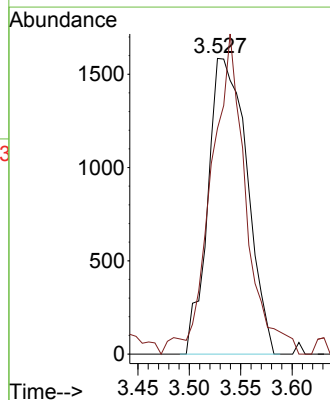
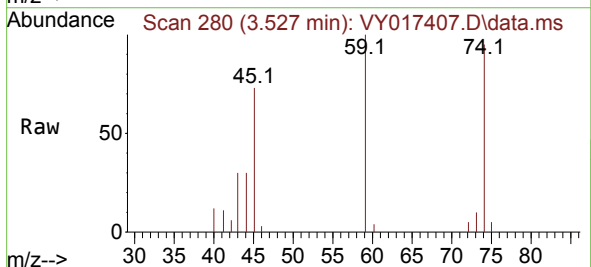
Instrument :
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ClientSampleId :
VSTDIC005

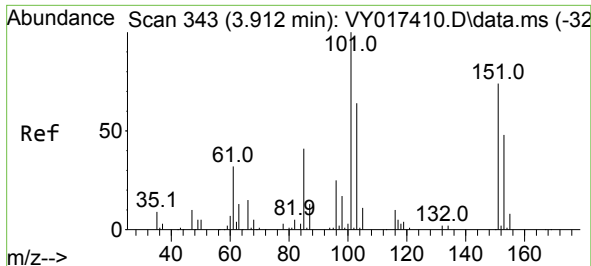
Tgt Ion:101 Resp: 15118
Ion Ratio Lower Upper
101 100
103 72.6 49.3 73.9



#8
Diethyl Ether
Concen: 5.223 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 74 Resp: 4192
Ion Ratio Lower Upper
74 100
45 96.0 41.3 124.1



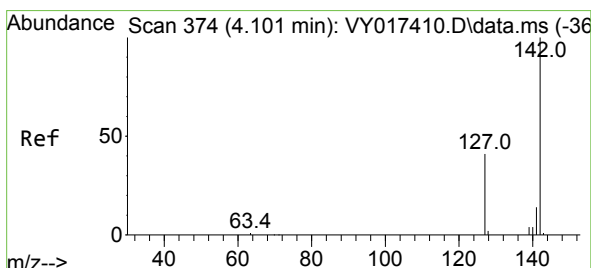
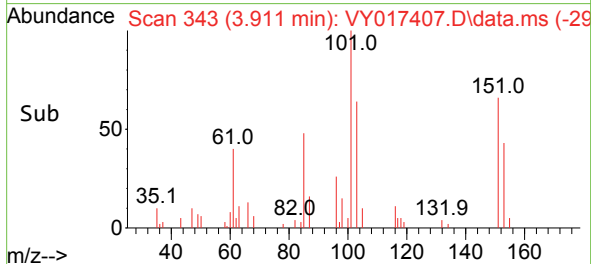
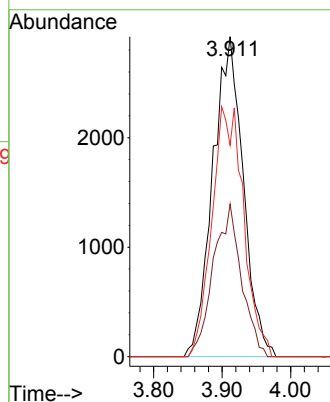
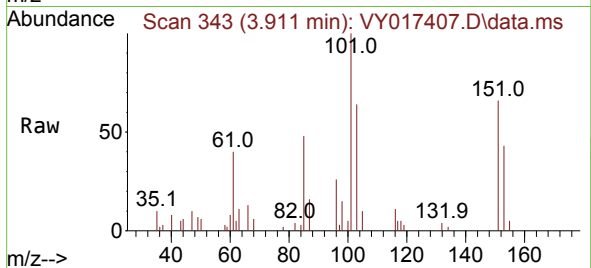


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.488 ug/l
 RT: 3.911 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 9007

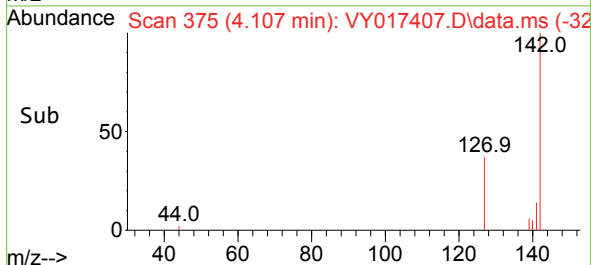
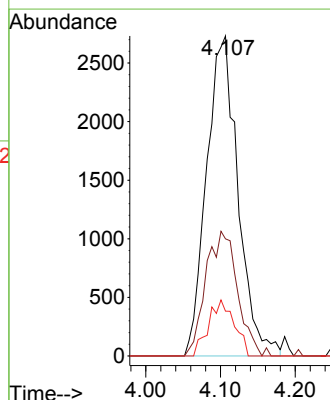
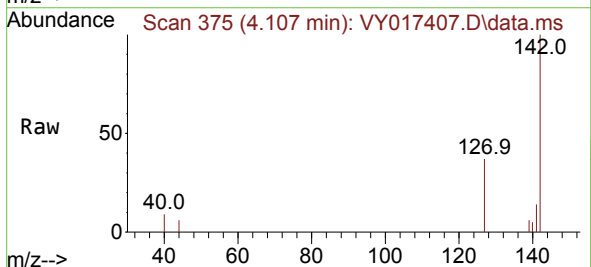
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.5	51.7
151	81.1	61.7	92.5

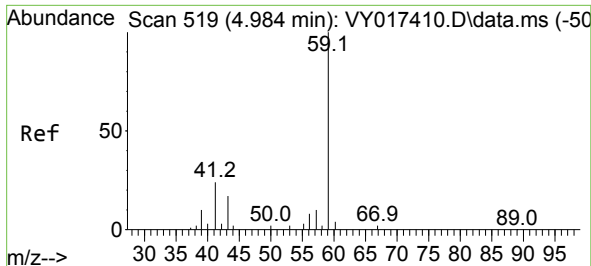


#10
 Methyl Iodide
 Concen: 4.566 ug/l
 RT: 4.107 min Scan# 375
 Delta R.T. 0.006 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

Tgt Ion:142 Resp: 7974

Ion	Ratio	Lower	Upper
142	100		
127	39.5	32.8	49.2
141	14.3	11.4	17.2

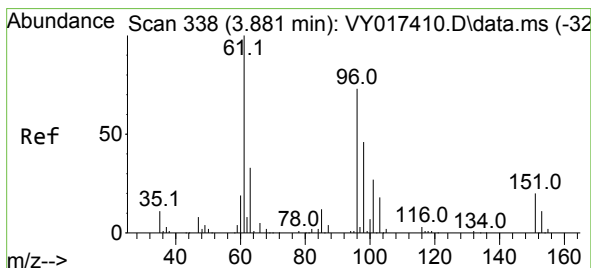
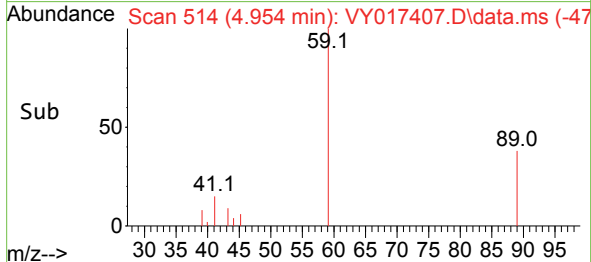
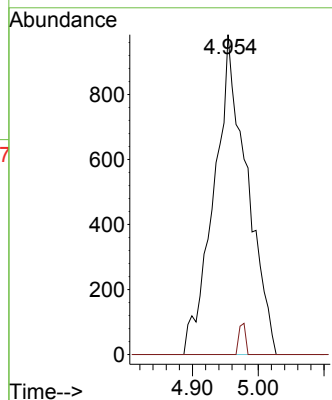
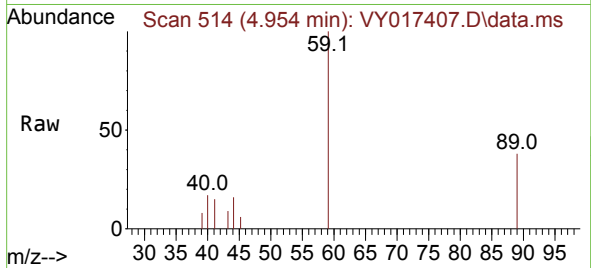




#11
Tert butyl alcohol
Concen: 32.989 ug/l
RT: 4.954 min Scan# 51
Delta R.T. -0.030 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

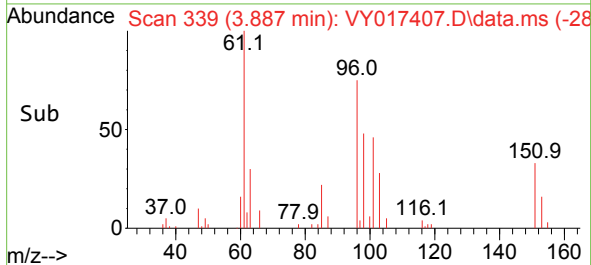
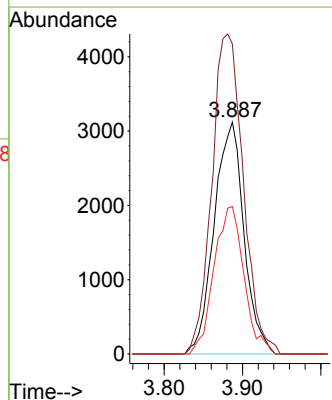
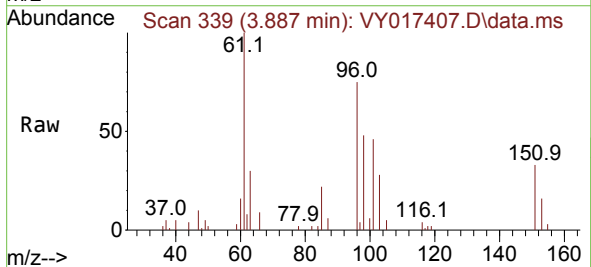
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

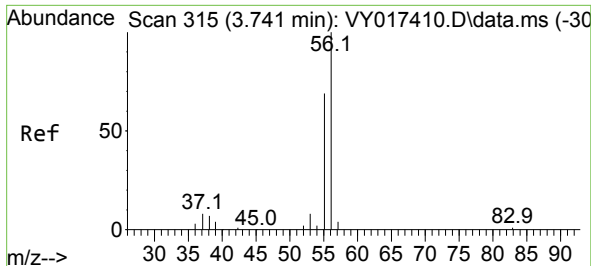
Tgt Ion: 59 Resp: 3424
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 5.341 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 96 Resp: 8239
Ion Ratio Lower Upper
96 100
61 133.7 114.6 171.8
98 63.6 50.8 76.2





#13

Acrolein

Concen: 27.899 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

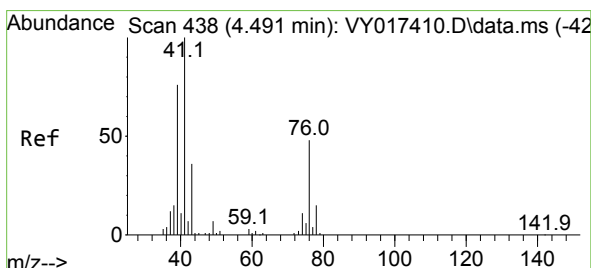
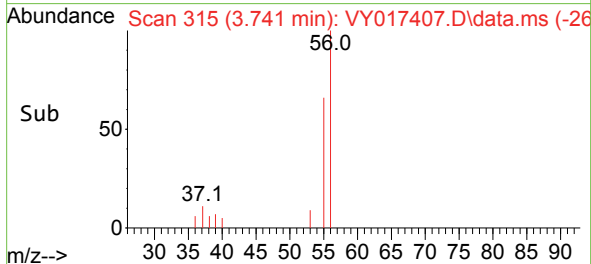
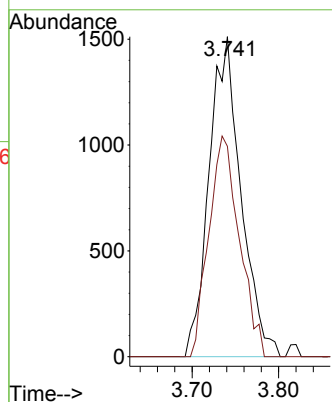
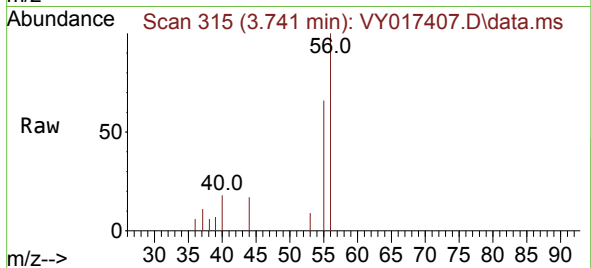
VSTDIC005

Tgt Ion: 56 Resp: 3875

Ion Ratio Lower Upper

56 100

55 65.9 55.7 83.5



#14

Allyl chloride

Concen: 5.262 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

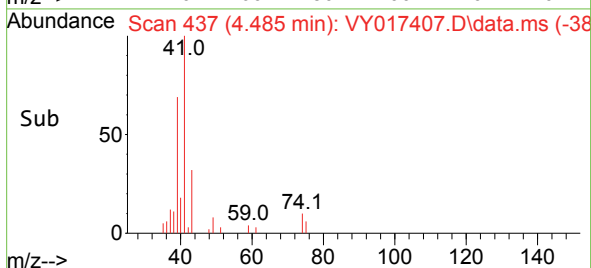
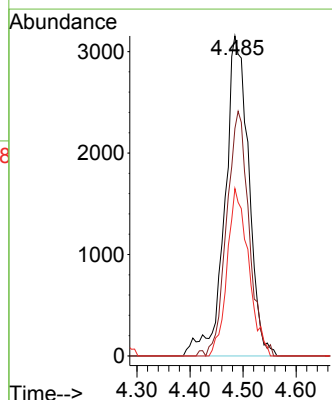
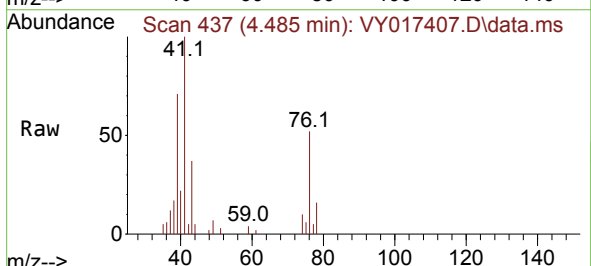
Tgt Ion: 41 Resp: 9838

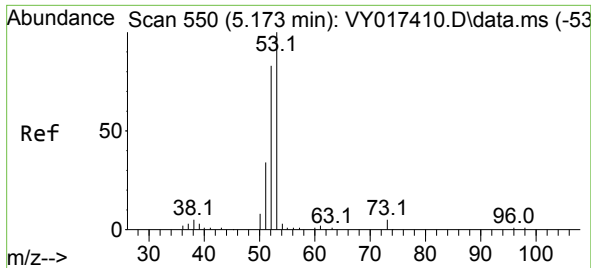
Ion Ratio Lower Upper

41 100

39 71.4 58.3 87.5

76 46.9 39.0 58.6





#15

Acrylonitrile

Concen: 26.894 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

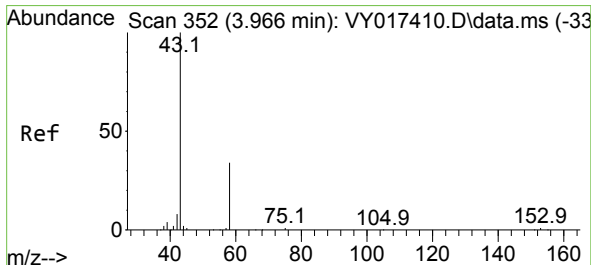
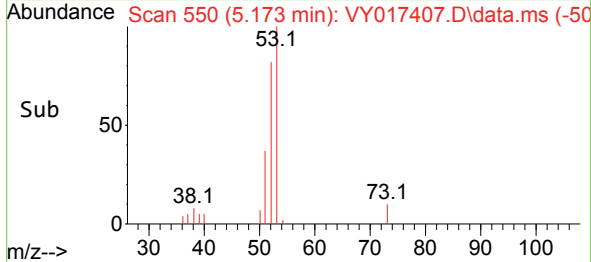
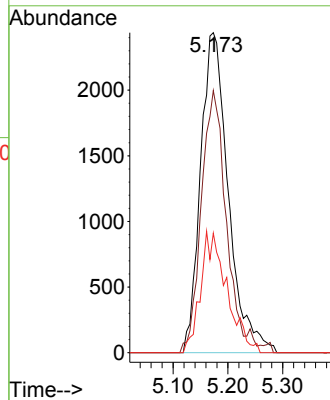
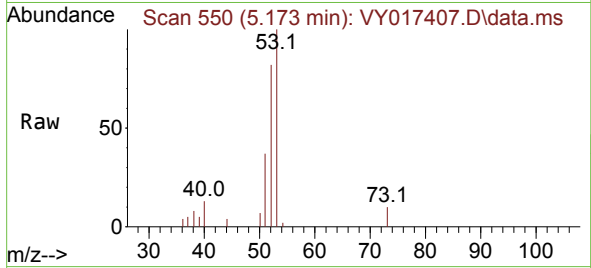
Tgt Ion: 53 Resp: 8581

Ion Ratio Lower Upper

53 100

52 74.1 64.7 97.1

51 14.4 28.4 42.6#



#16

Acetone

Concen: 28.468 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.006 min

Lab File: VY017407.D

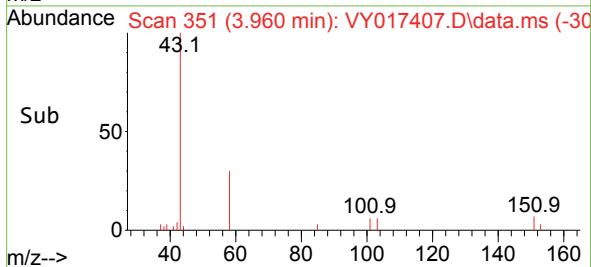
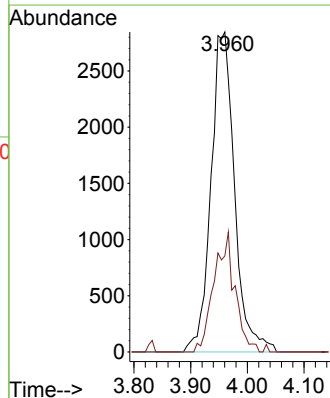
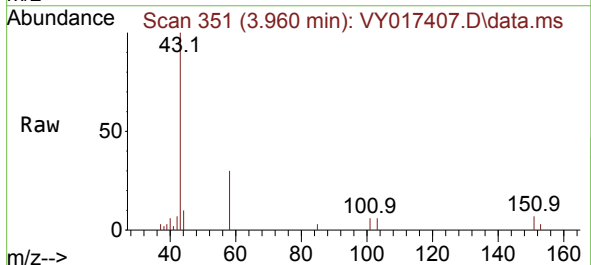
Acq: 19 Feb 2024 16:40

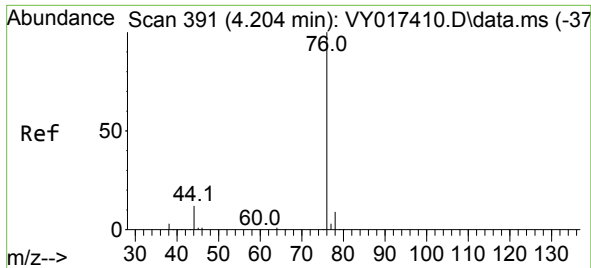
Tgt Ion: 43 Resp: 8230

Ion Ratio Lower Upper

43 100

58 30.0 31.7 47.5#

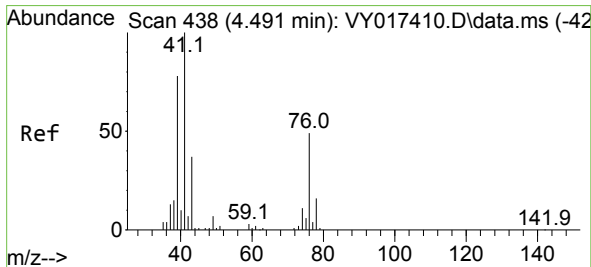
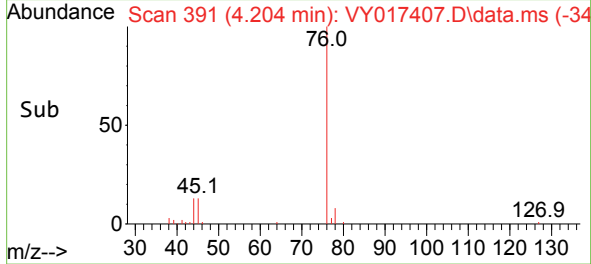
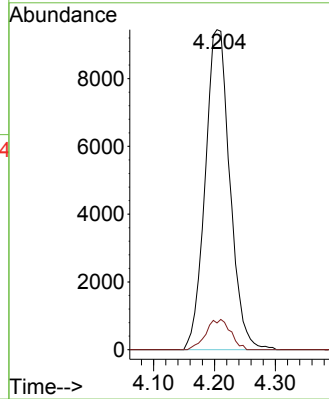
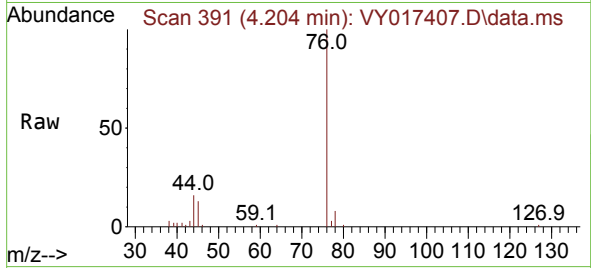




#17
Carbon Disulfide
Concen: 5.423 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

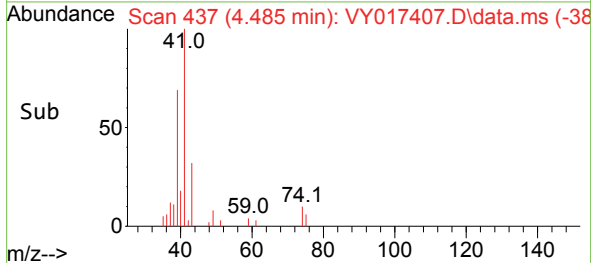
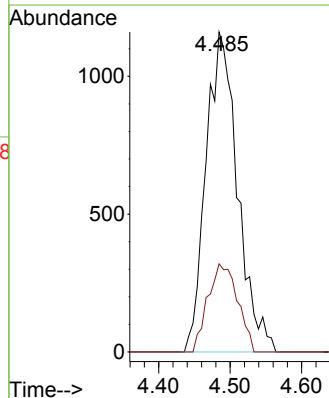
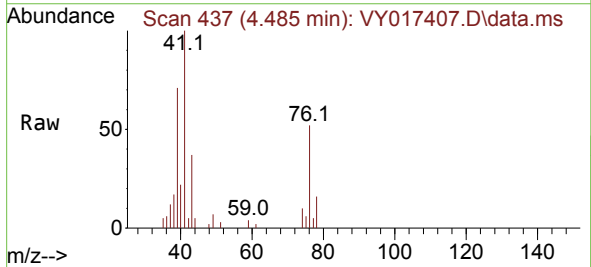
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

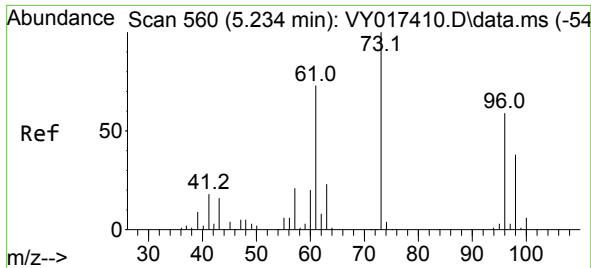
Tgt Ion: 76 Resp: 26579
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 5.423 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 43 Resp: 3555
Ion Ratio Lower Upper
43 100
74 25.9 23.3 34.9

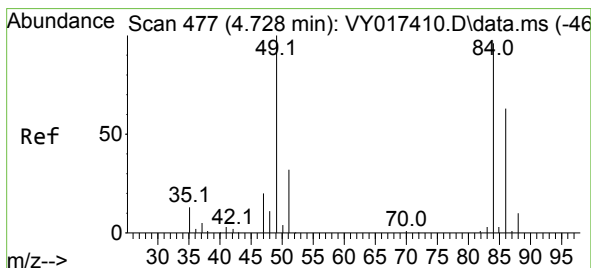
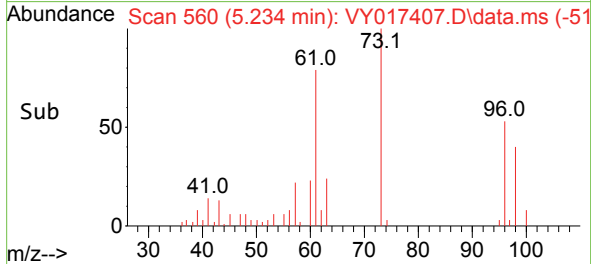
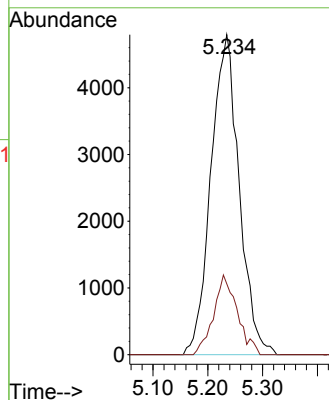
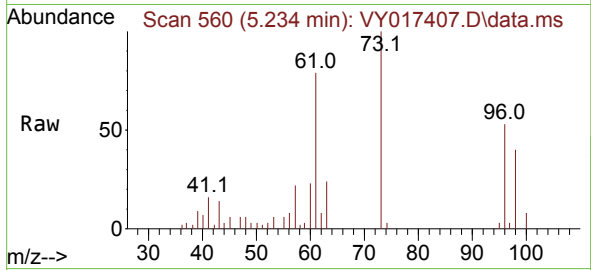




#19
Methyl tert-butyl Ether
Concen: 4.915 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

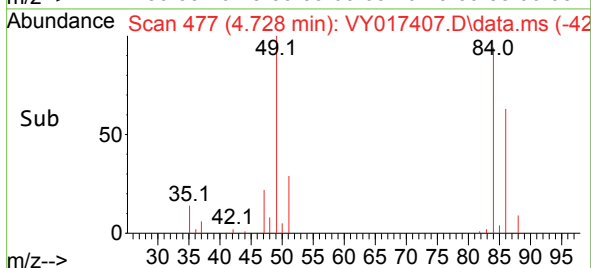
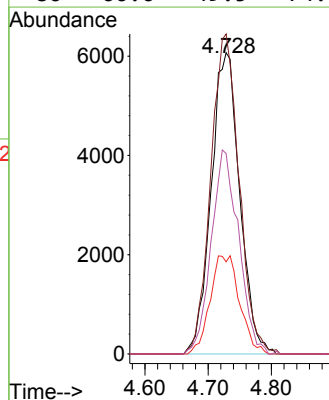
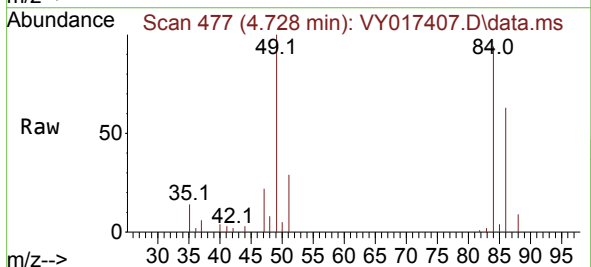
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

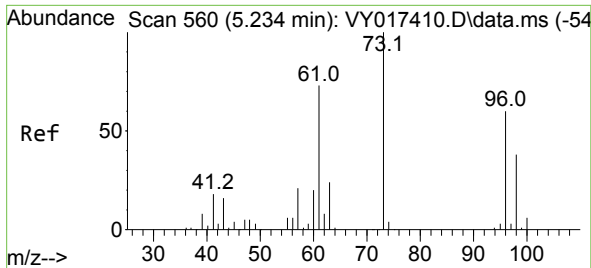
Tgt Ion: 73 Resp: 17126
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 5.307 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 84 Resp: 19051
Ion Ratio Lower Upper
84 100
49 106.2 84.4 126.6
51 30.6 26.0 39.0
86 66.6 49.5 74.3

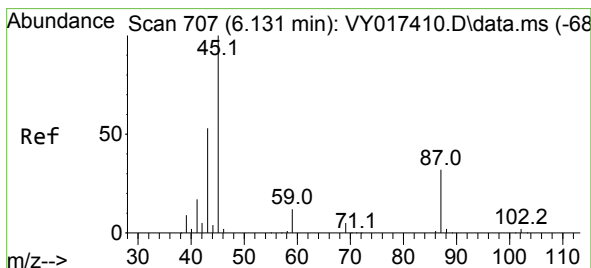
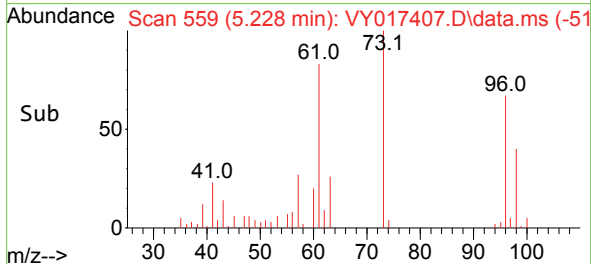
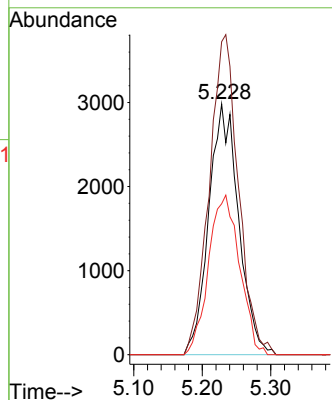
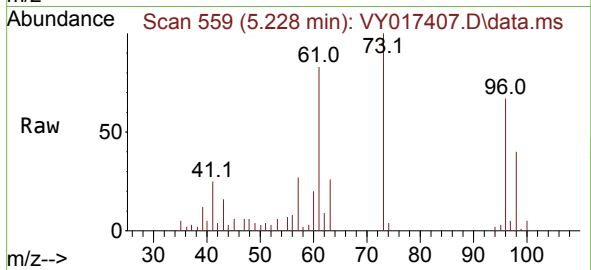




#21
trans-1,2-Dichloroethene
Concen: 5.044 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

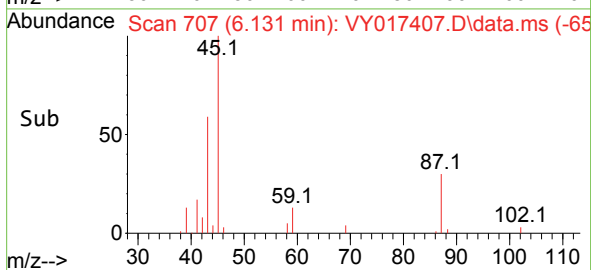
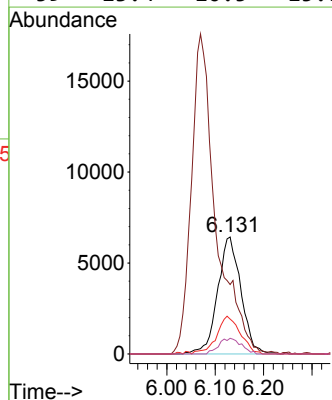
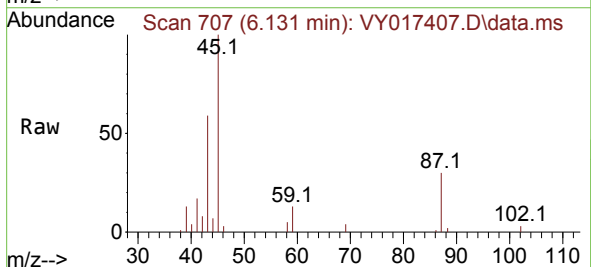
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

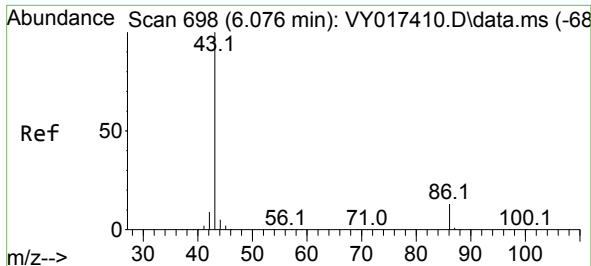
Tgt Ion: 96 Resp: 9000
Ion Ratio Lower Upper
96 100
61 124.9 97.5 146.3
98 60.2 50.5 75.7



#22
Diisopropyl ether
Concen: 4.989 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 45 Resp: 21456
Ion Ratio Lower Upper
45 100
43 59.4 42.2 63.2
87 29.8 25.0 37.6
59 13.4 10.5 15.7

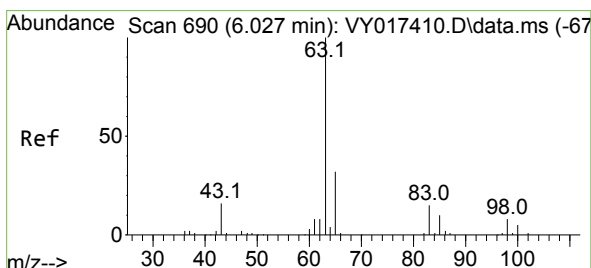
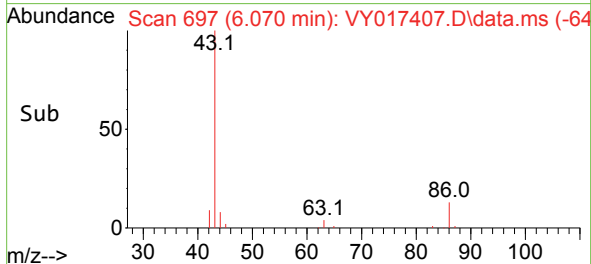
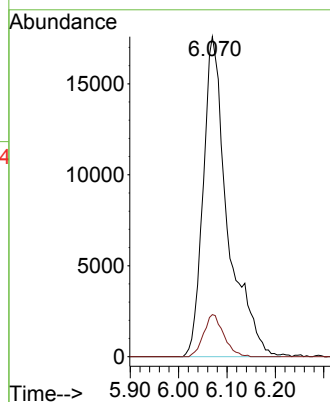
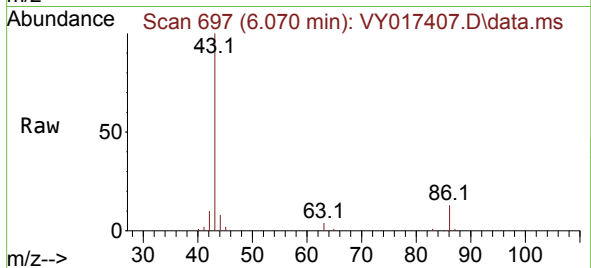




#23
 Vinyl Acetate
 Concen: 24.215 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

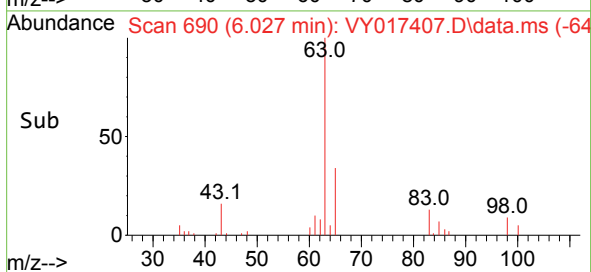
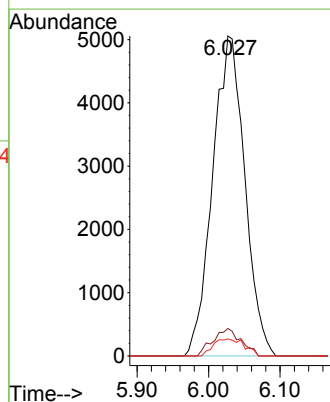
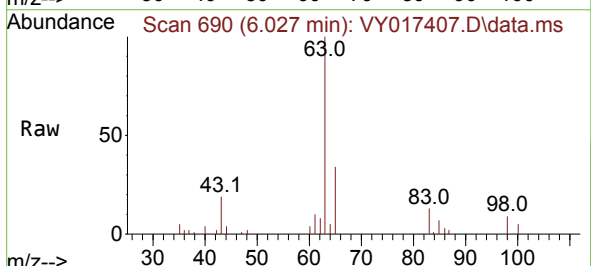
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

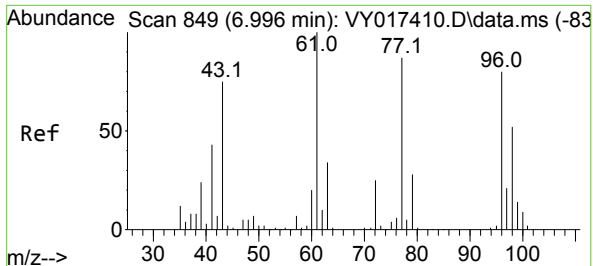
Tgt Ion: 43 Resp: 61888
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 5.402 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

Tgt Ion: 63 Resp: 15750
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 5.3 2.6 8.0





#25

2-Butanone

Concen: 26.392 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

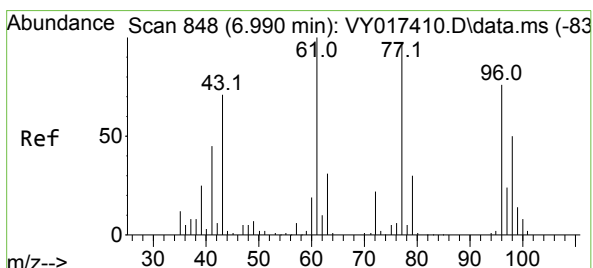
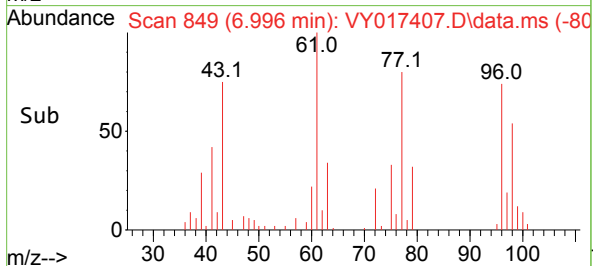
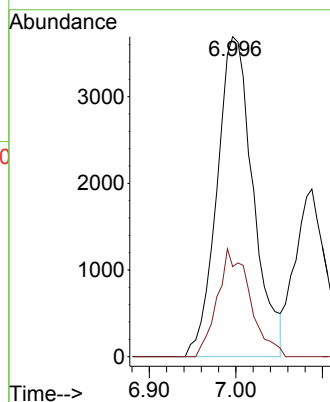
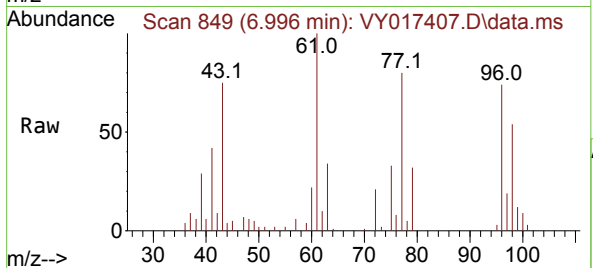
VSTDIC005

Tgt Ion: 43 Resp: 10710

Ion Ratio Lower Upper

43 100

72 28.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 5.312 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY017407.D

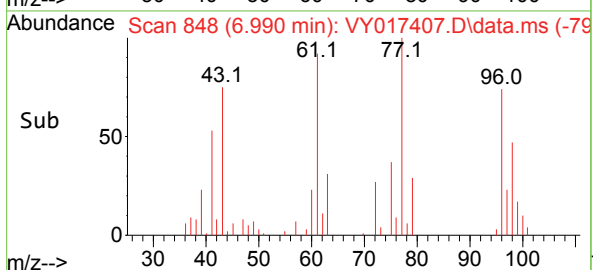
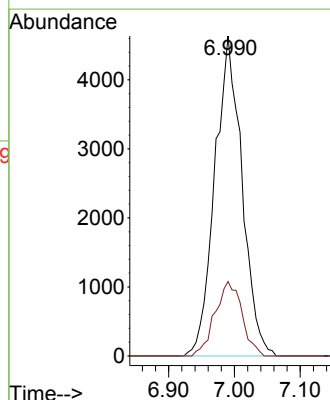
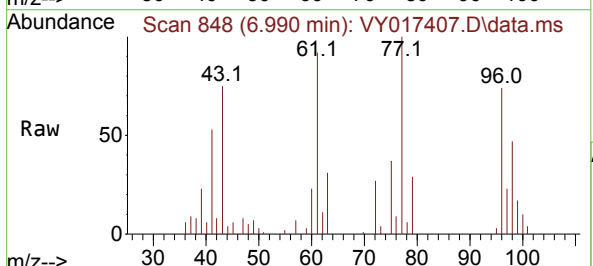
Acq: 19 Feb 2024 16:40

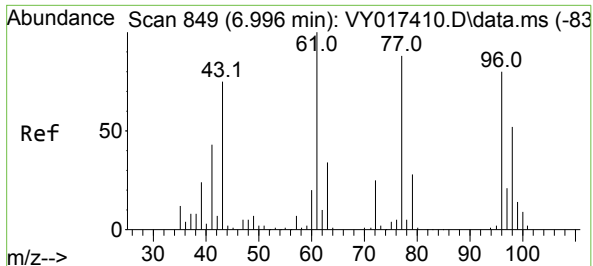
Tgt Ion: 77 Resp: 13327

Ion Ratio Lower Upper

77 100

97 23.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 5.120 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

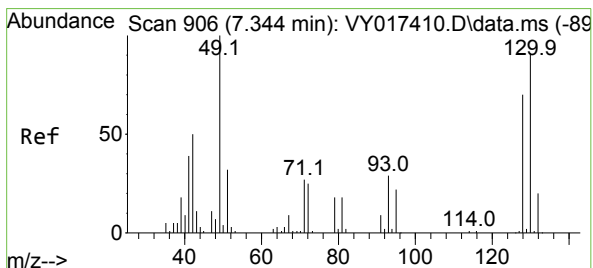
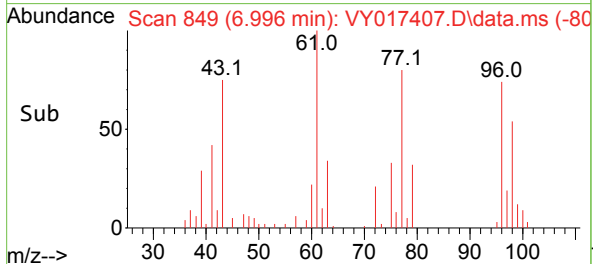
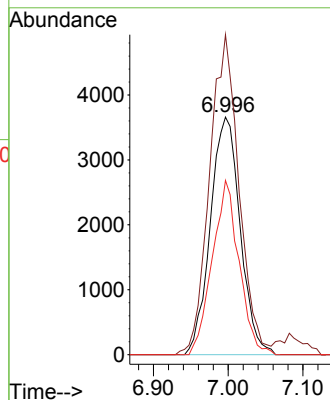
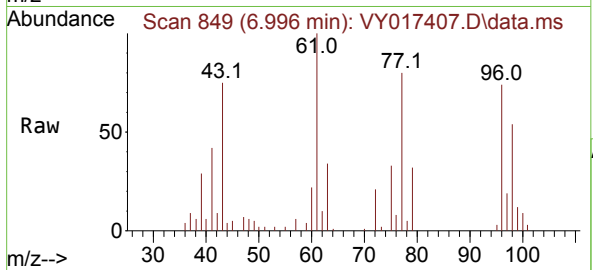
Tgt Ion: 96 Resp: 10146

Ion Ratio Lower Upper

96 100

61 132.8 0.0 256.2

98 65.8 0.0 130.0



#28

Bromochloromethane

Concen: 5.446 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

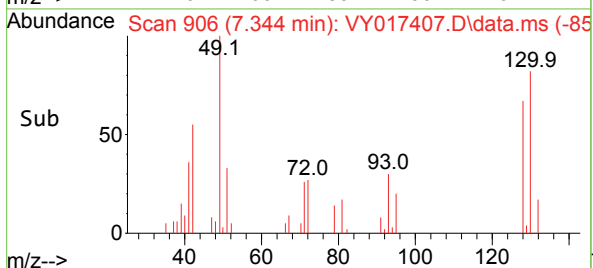
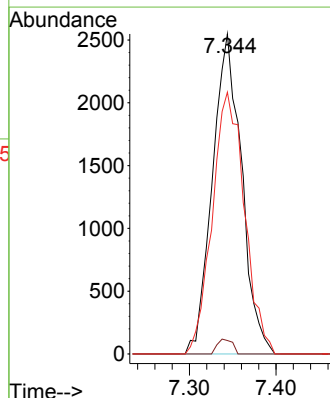
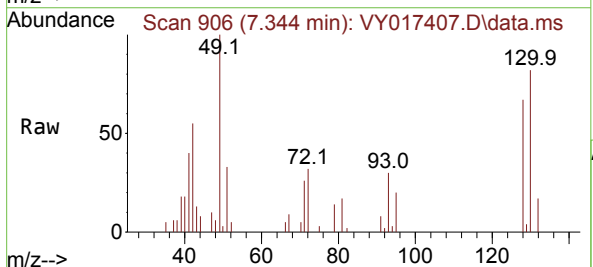
Tgt Ion: 49 Resp: 5957

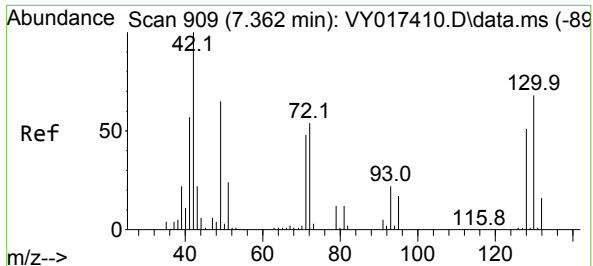
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 24.779 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

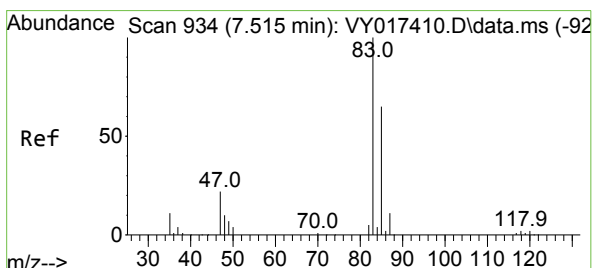
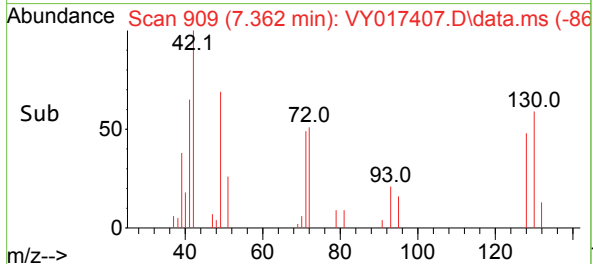
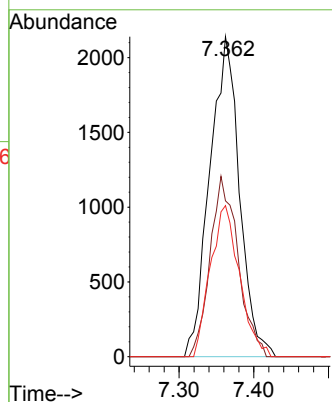
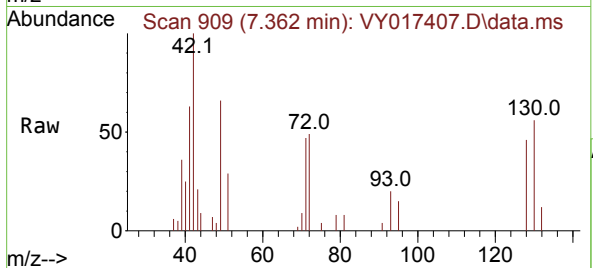
Tgt Ion: 42 Resp: 5911

Ion Ratio Lower Upper

42 100

72 53.1 43.0 64.4

71 46.4 40.8 61.2



#30

Chloroform

Concen: 5.402 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY017407.D

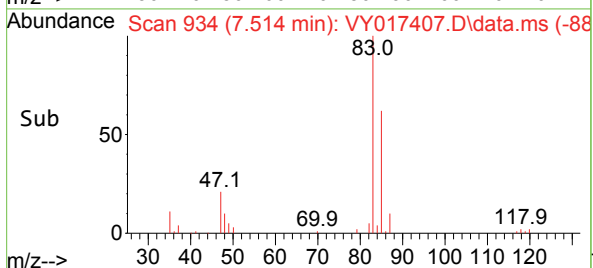
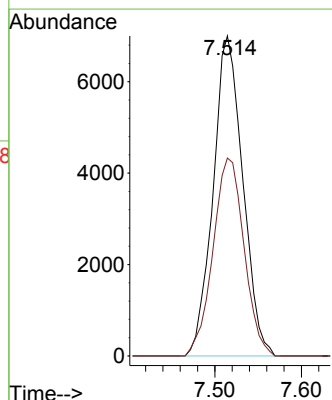
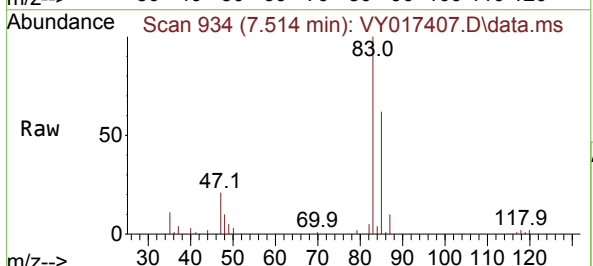
Acq: 19 Feb 2024 16:40

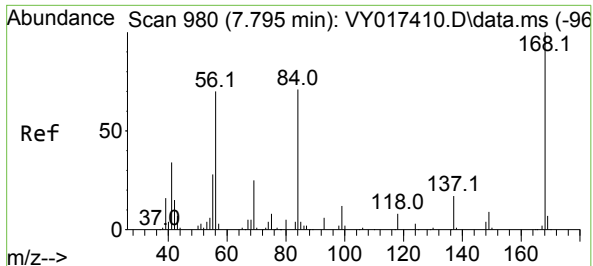
Tgt Ion: 83 Resp: 16625

Ion Ratio Lower Upper

83 100

85 61.8 52.2 78.4

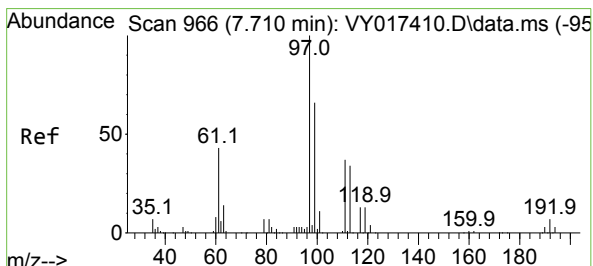
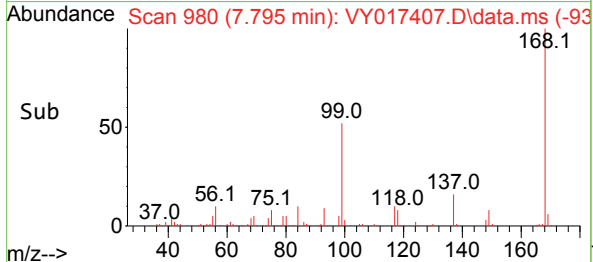
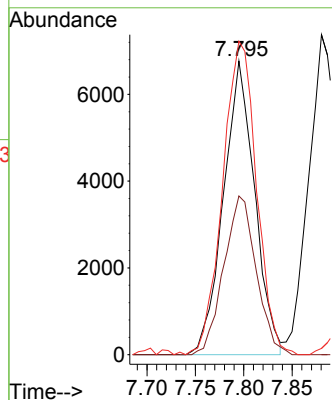
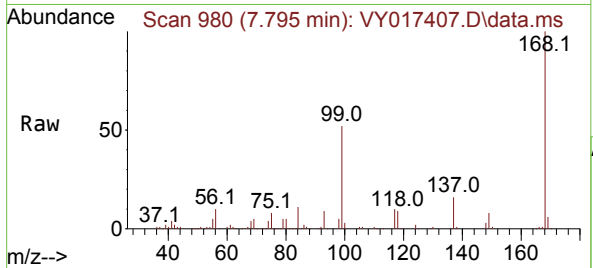




#31
Cyclohexane
Concen: 5.755 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

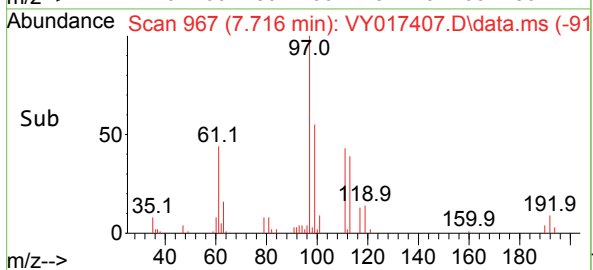
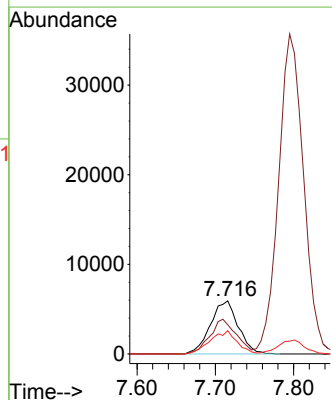
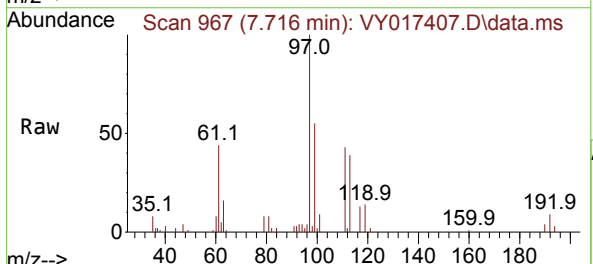
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

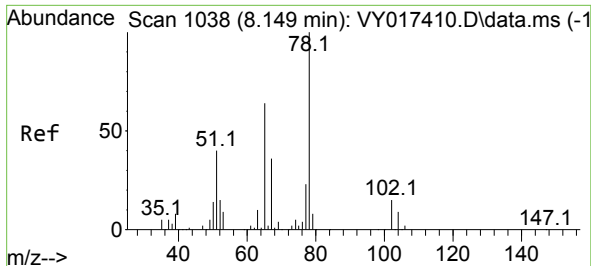
Tgt Ion: 56 Resp: 15209
Ion Ratio Lower Upper
56 100
69 54.1 28.7 43.1#
84 105.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 5.351 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 97 Resp: 14547
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 42.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 5.132 ug/l

RT: 8.155 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

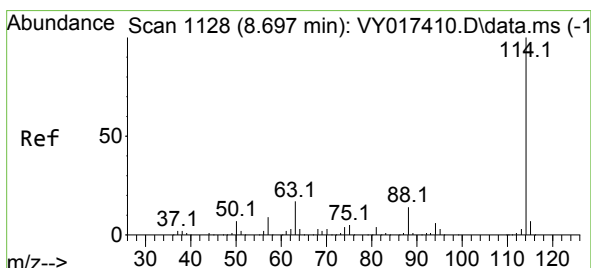
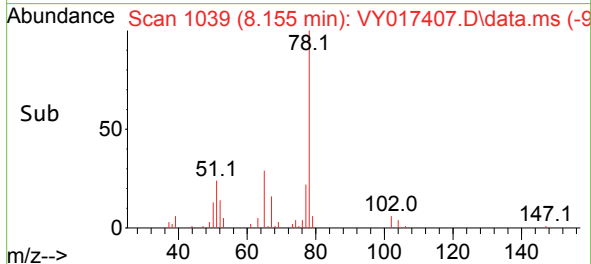
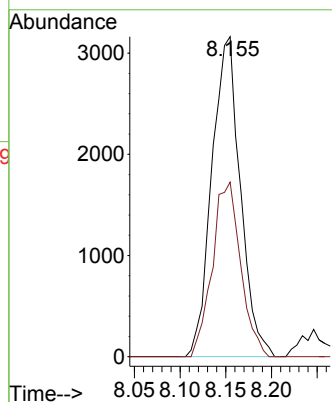
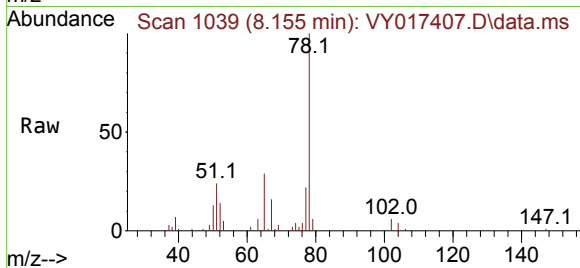
VSTDIC005

Tgt Ion: 65 Resp: 6850

Ion Ratio Lower Upper

65 100

67 54.4 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: VY017407.D

Acq: 19 Feb 2024 16:40

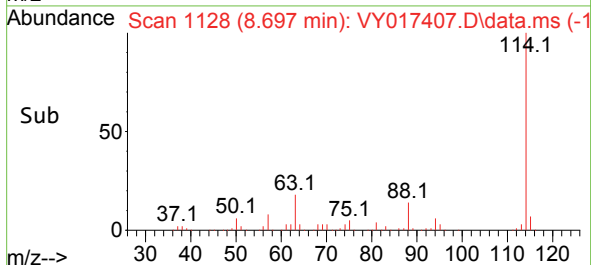
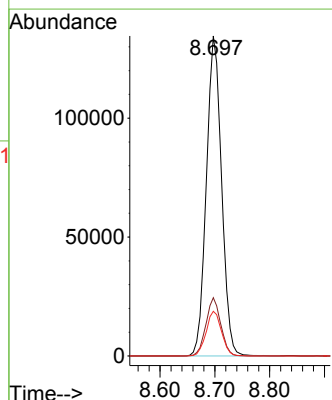
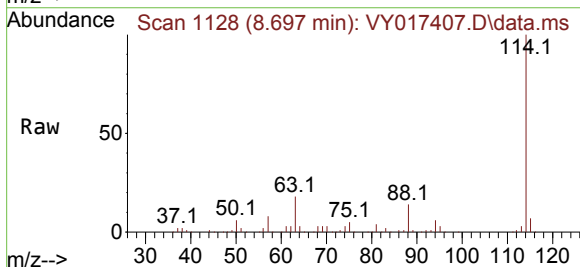
Tgt Ion: 114 Resp: 258649

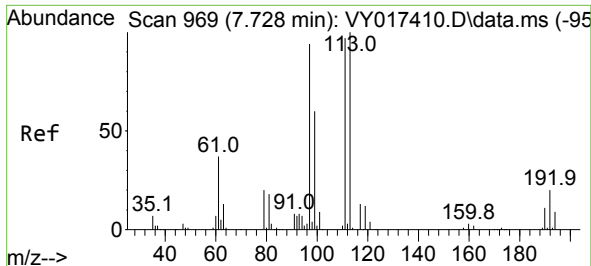
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.0 0.0 27.2

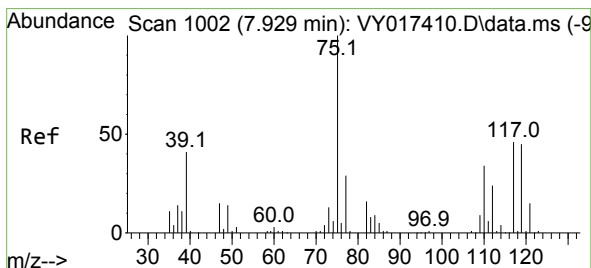
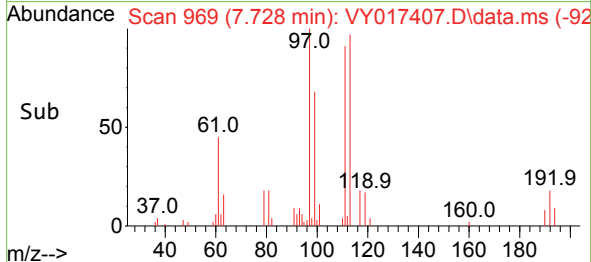
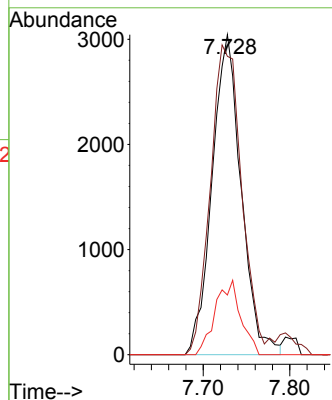
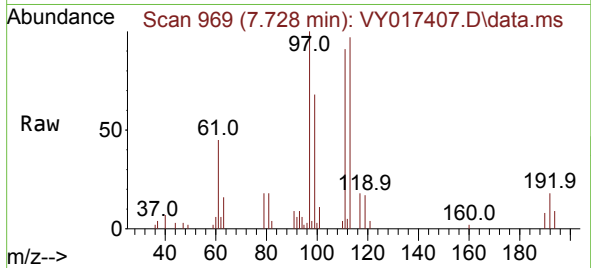




#35
Dibromofluoromethane
Concen: 4.688 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

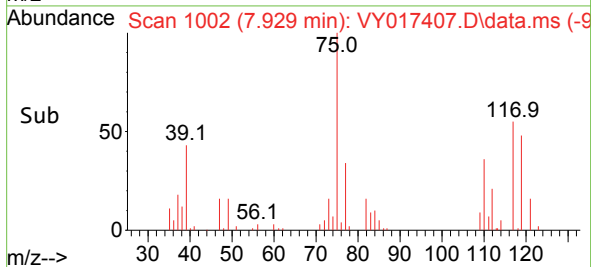
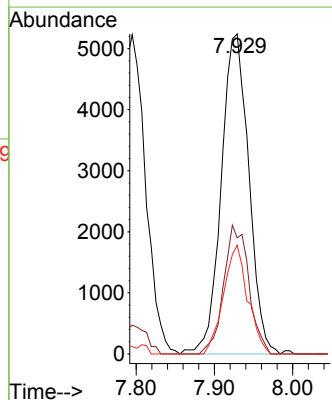
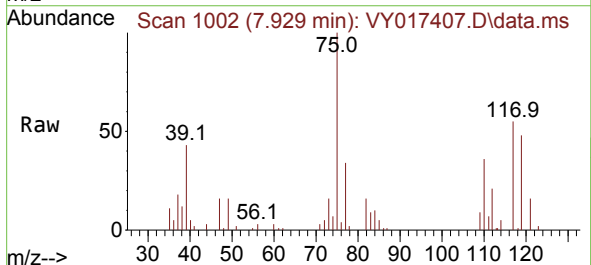
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

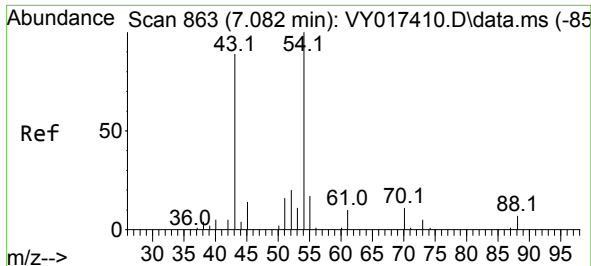
Tgt Ion:	113	Resp:	7098
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.2	123.4
192	20.3	15.9	23.9



#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion:	75	Resp:	12816
Ion	Ratio	Lower	Upper
75	100		
110	36.6	19.0	57.0
77	30.0	25.3	37.9





#37

Ethyl Acetate

Concen: 5.543 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

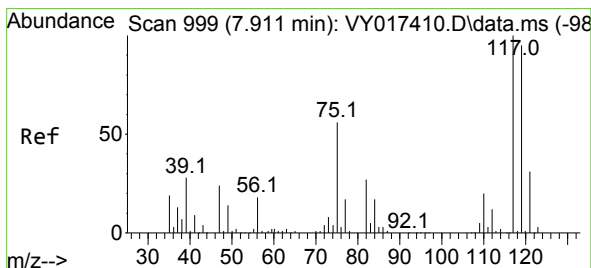
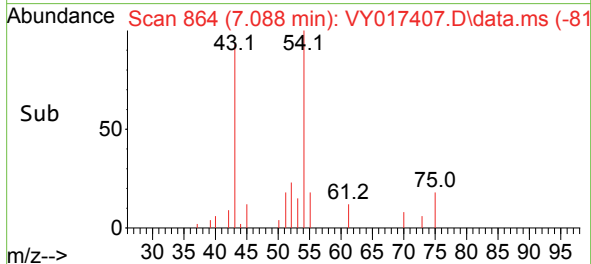
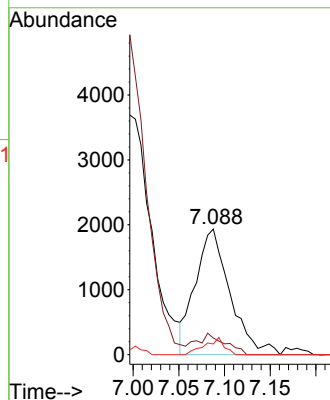
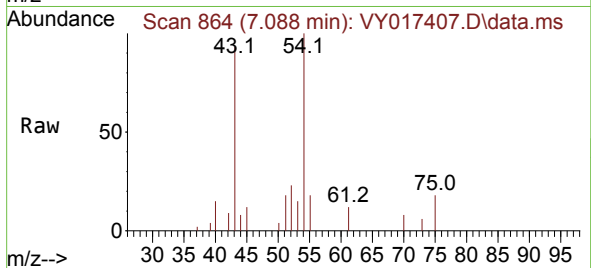
Tgt Ion: 43 Resp: 5104

Ion Ratio Lower Upper

43 100

61 13.8 12.6 19.0

70 7.6 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.044 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

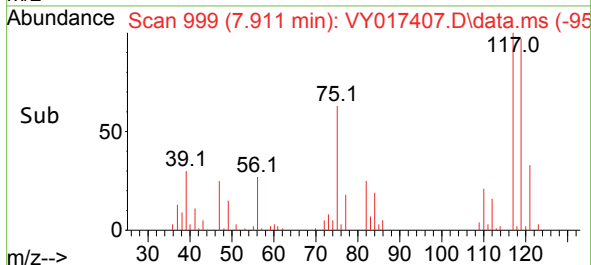
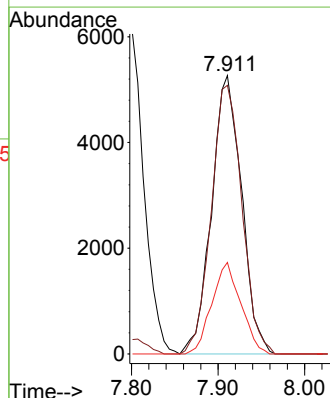
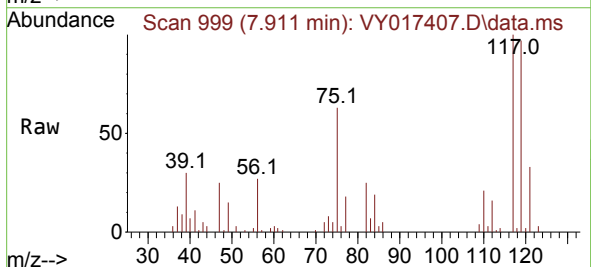
Tgt Ion: 117 Resp: 12698

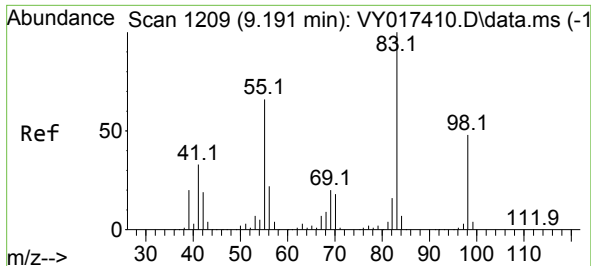
Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.6

121 32.9 24.0 36.0





#39

Methylcyclohexane

Concen: 4.703 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

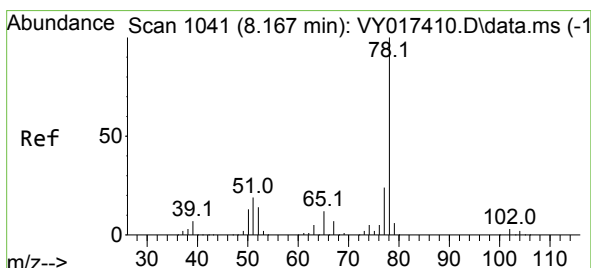
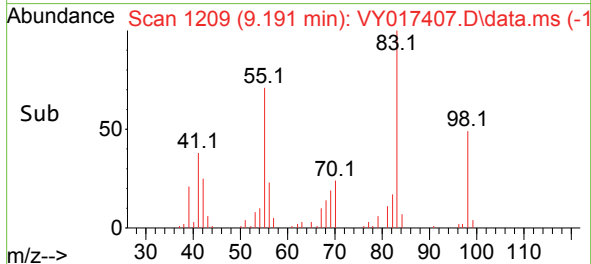
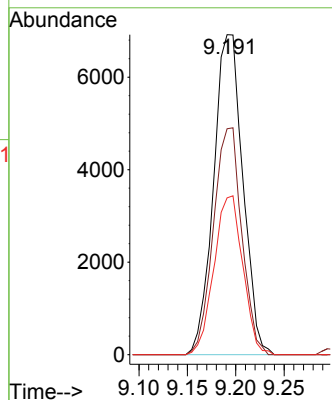
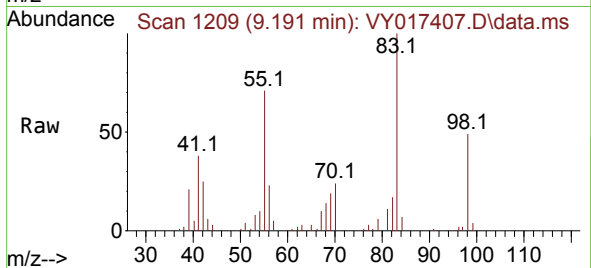
Tgt Ion: 83 Resp: 14556

Ion Ratio Lower Upper

83 100

55 70.6 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 5.086 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017407.D

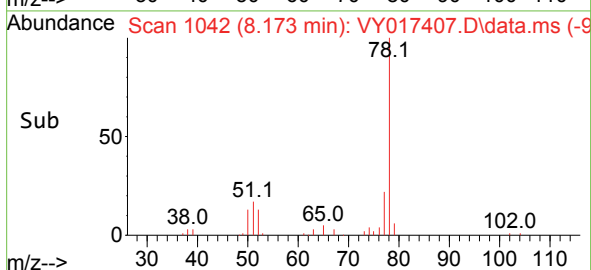
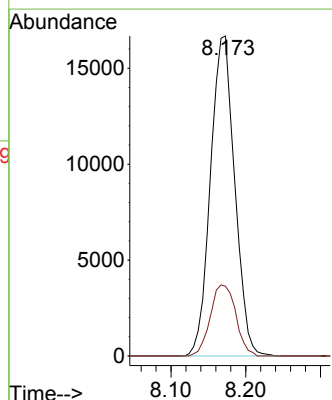
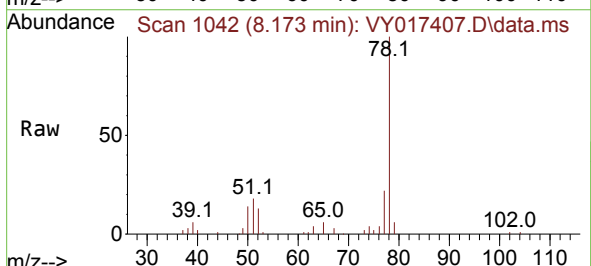
Acq: 19 Feb 2024 16:40

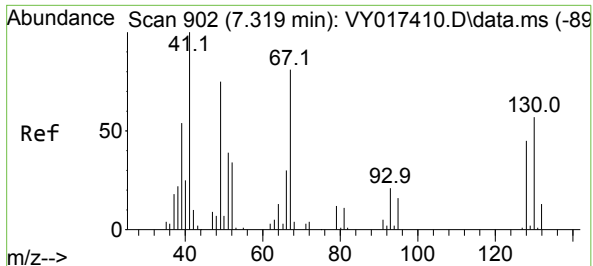
Tgt Ion: 78 Resp: 37578

Ion Ratio Lower Upper

78 100

77 21.8 19.5 29.3

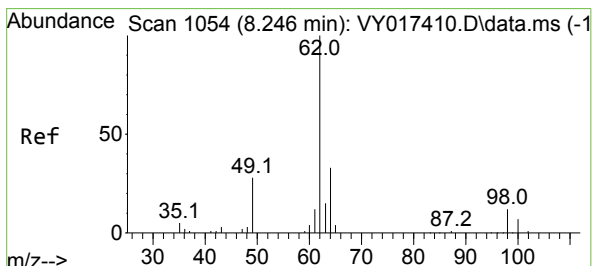
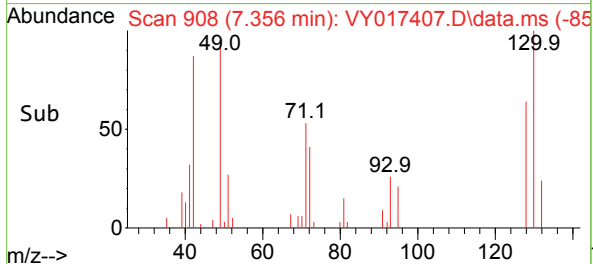
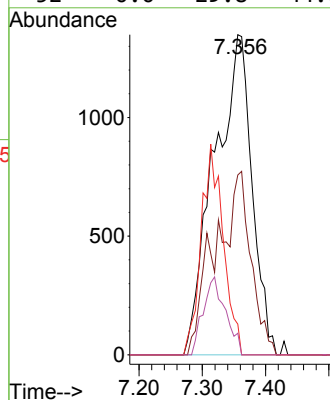
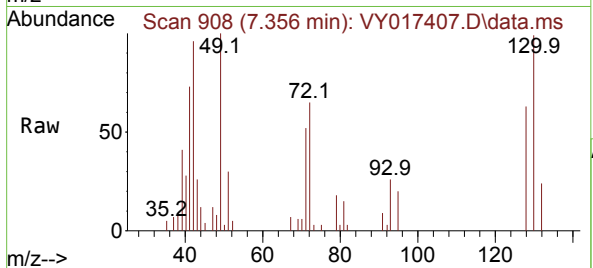




#41
Methacrylonitrile
Concen: 12.423 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

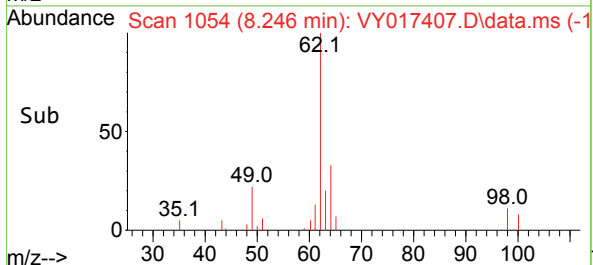
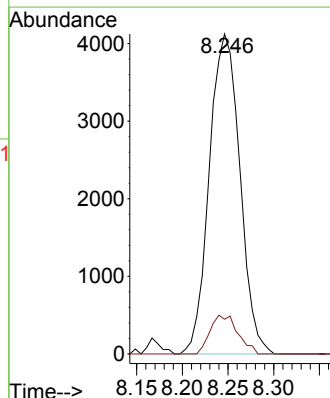
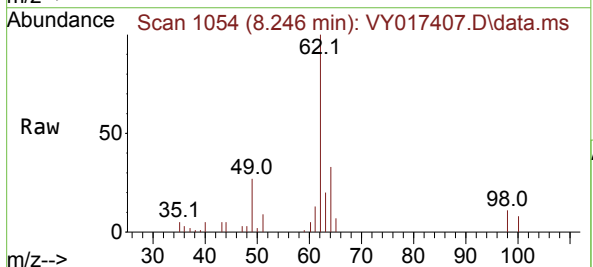
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

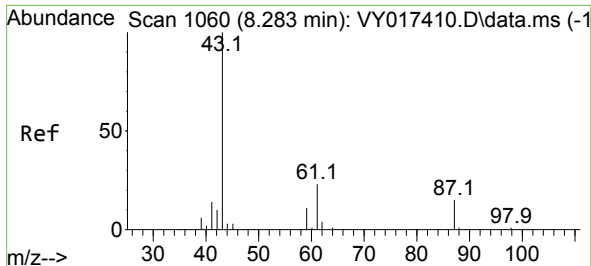
Tgt Ion: 41 Resp: 5586
Ion Ratio Lower Upper
41 100
39 27.4 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 5.350 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 62 Resp: 9595
Ion Ratio Lower Upper
62 100
98 10.9 0.0 22.0

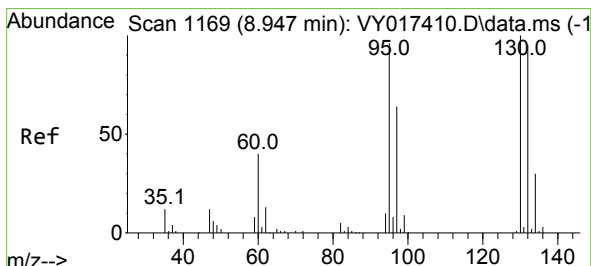
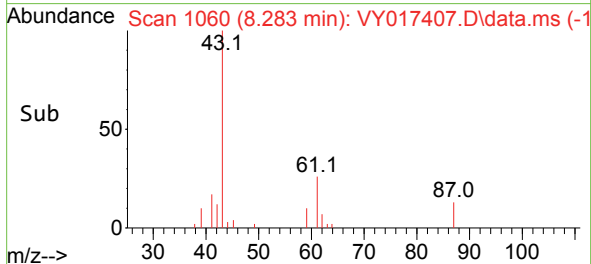
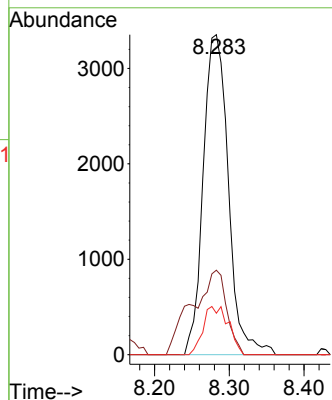
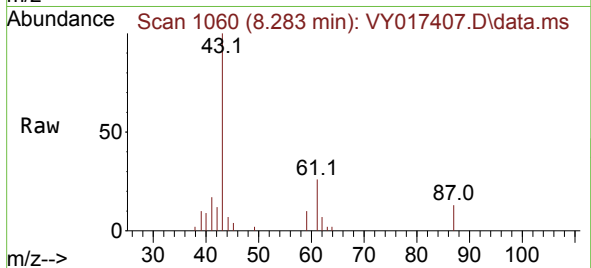




#43
Isopropyl Acetate
Concen: 4.710 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

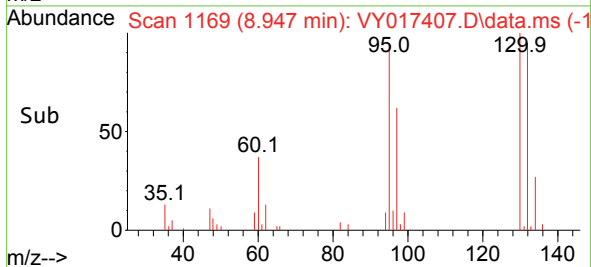
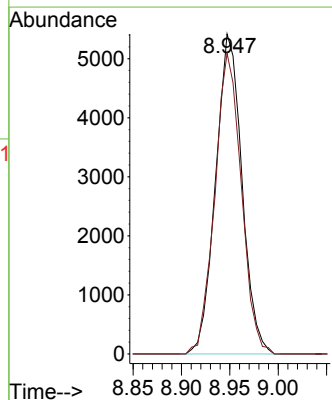
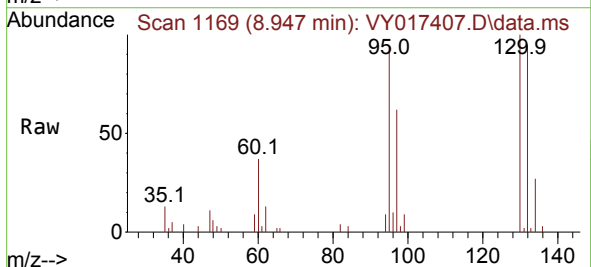
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

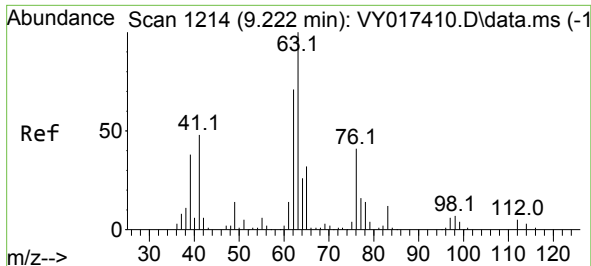
Tgt Ion:	43	Resp:	7837
Ion	Ratio	Lower	Upper
43	100		
61	36.1	27.9	41.9
87	15.1	13.1	19.7



#44
Trichloroethene
Concen: 5.115 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion:	130	Resp:	10243
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	188.0

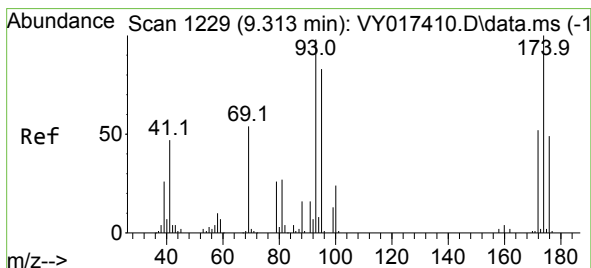
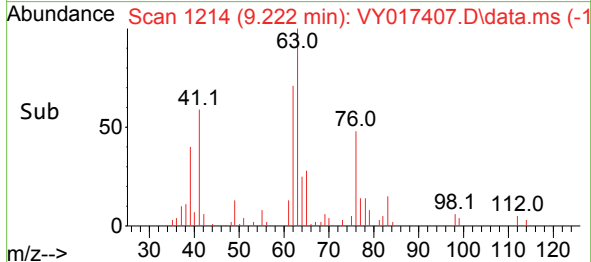
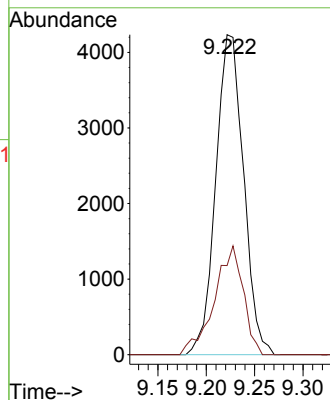
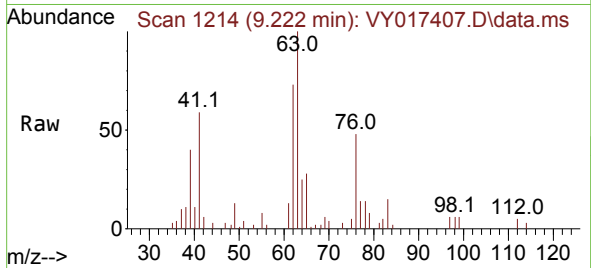




#45
1,2-Dichloropropane
Concen: 4.946 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

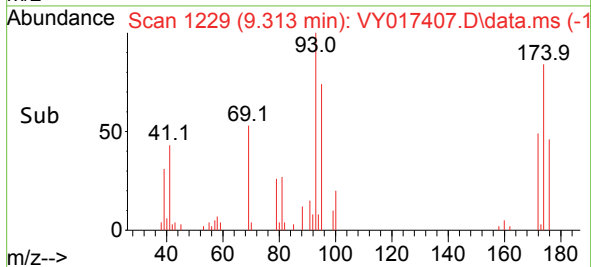
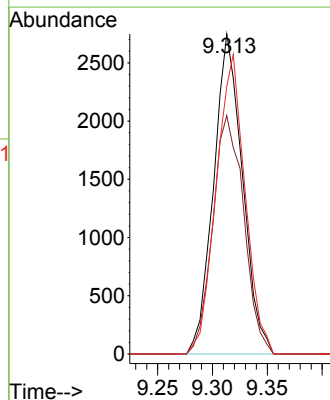
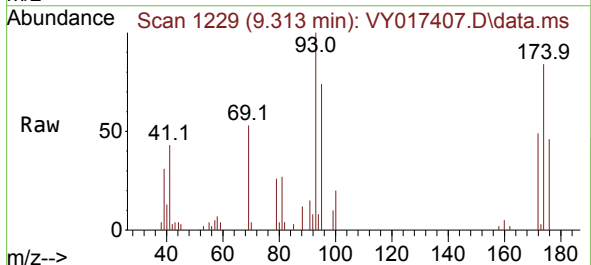
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

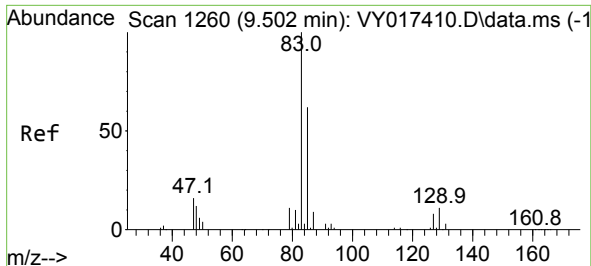
Tgt Ion: 63 Resp: 8446
Ion Ratio Lower Upper
63 100
65 27.9 25.4 38.2



#46
Dibromomethane
Concen: 5.187 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 93 Resp: 5035
Ion Ratio Lower Upper
93 100
95 79.7 66.2 99.4
174 93.9 80.9 121.3

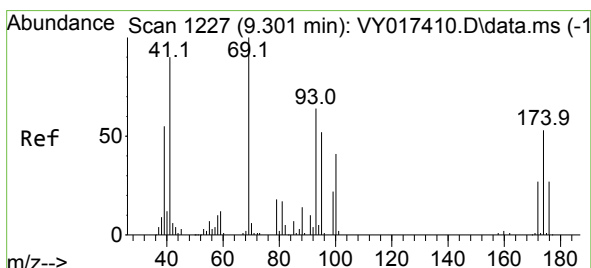
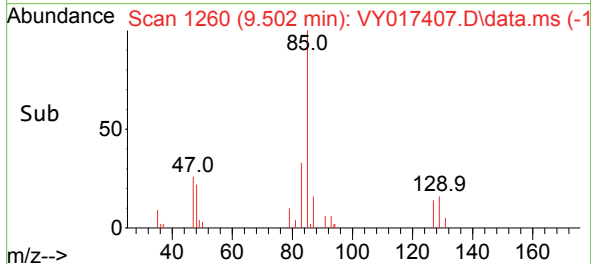
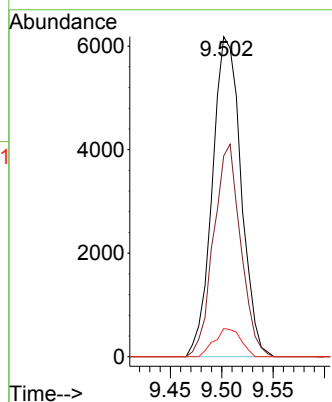
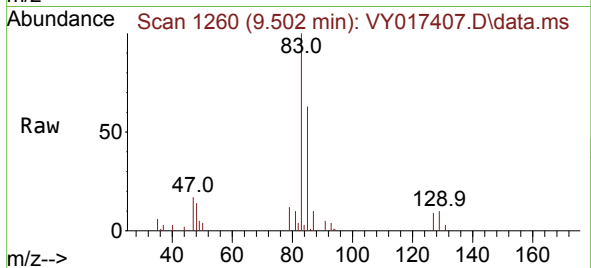




#47
Bromodichloromethane
Concen: 5.023 ug/l
RT: 9.502 min Scan# 11988
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

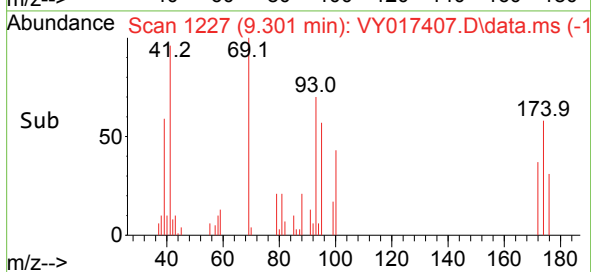
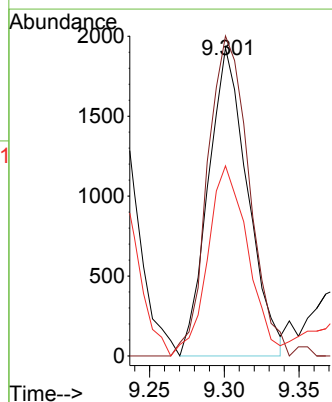
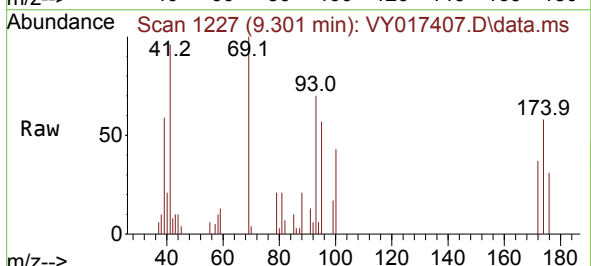
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

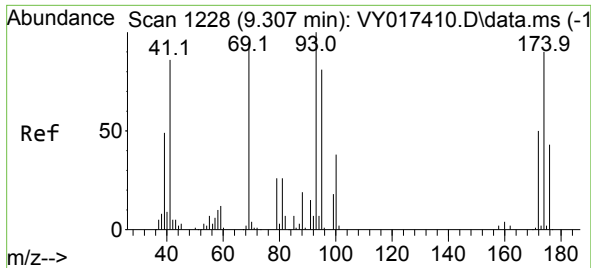
Tgt Ion:	83	Resp:	11988
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.1	75.1
127	8.8	7.4	11.0



#48
Methyl methacrylate
Concen: 4.524 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion:	41	Resp:	3532
Ion	Ratio	Lower	Upper
41	100		
69	110.5	84.1	126.1
39	62.8	43.6	65.4





#49

1,4-Dioxane

Concen: 87.172 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

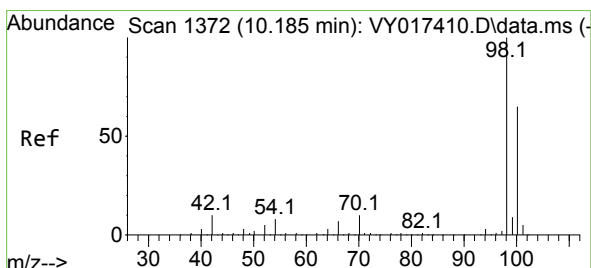
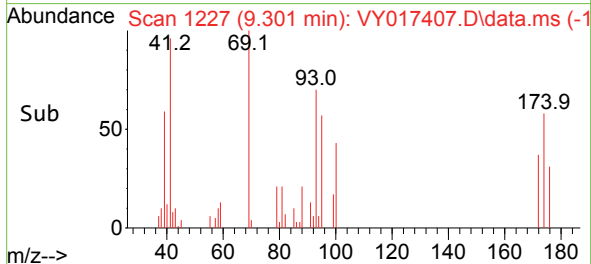
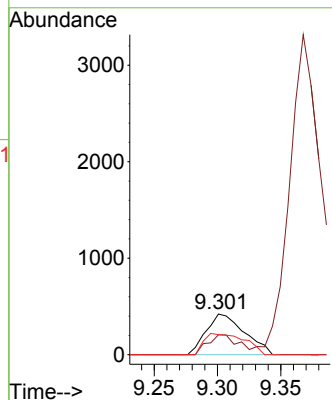
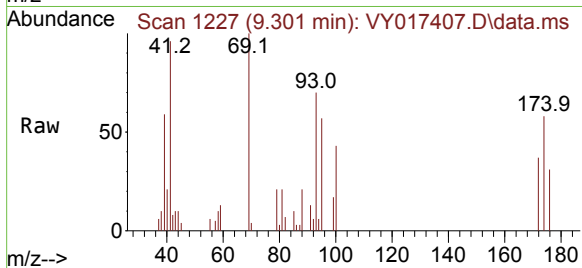
Tgt Ion: 88 Resp: 885

Ion Ratio Lower Upper

88 100

43 39.0 0.0 0.0#

58 55.5 49.3 73.9



#50

Toluene-d8

Concen: 4.505 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017407.D

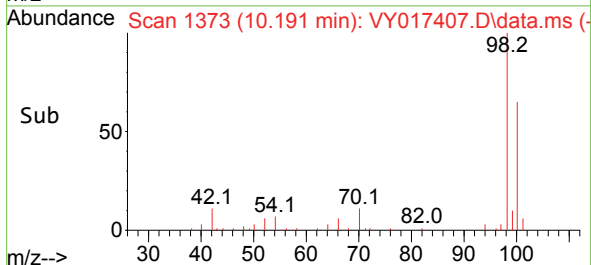
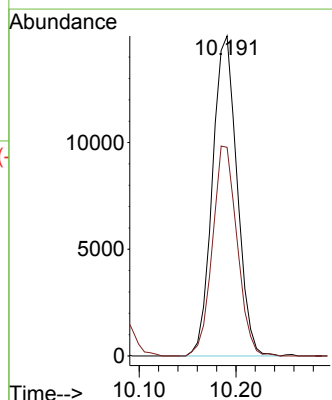
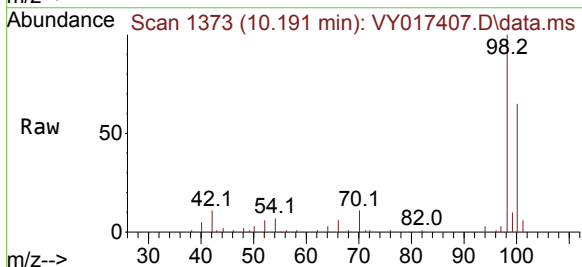
Acq: 19 Feb 2024 16:40

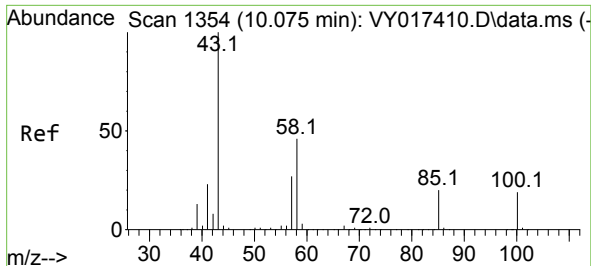
Tgt Ion: 98 Resp: 26453

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 24.150 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

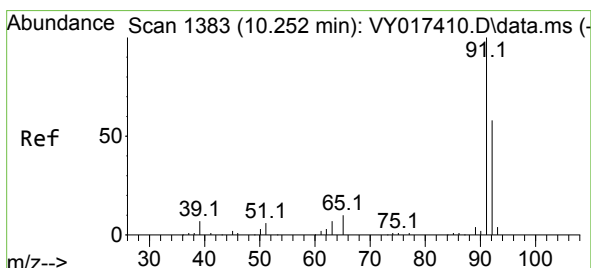
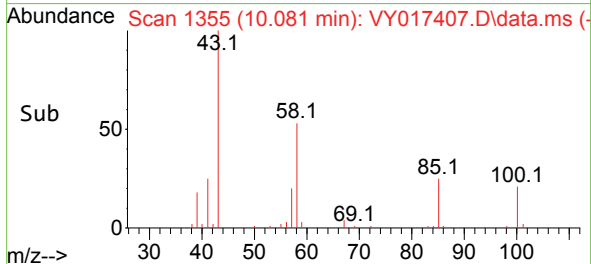
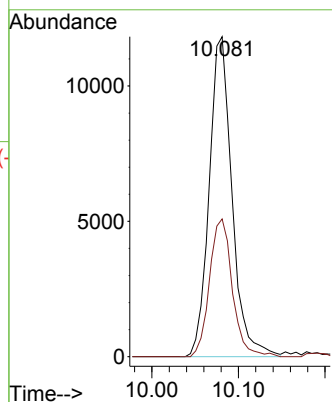
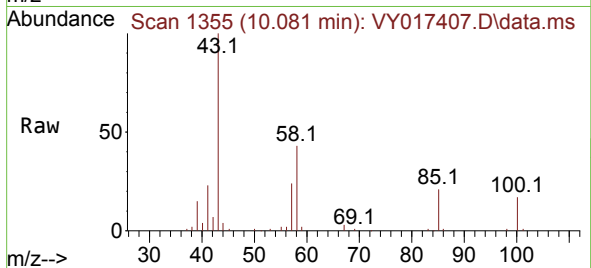
VSTDIC005

Tgt Ion: 43 Resp: 21652

Ion Ratio Lower Upper

43 100

58 43.0 35.7 53.5



#52

Toluene

Concen: 4.716 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY017407.D

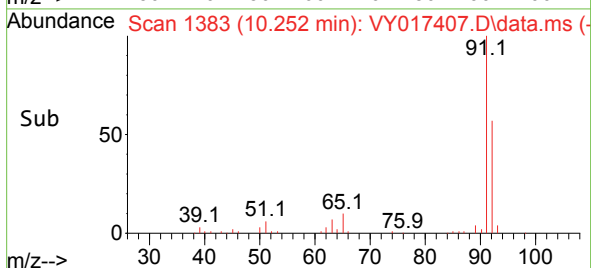
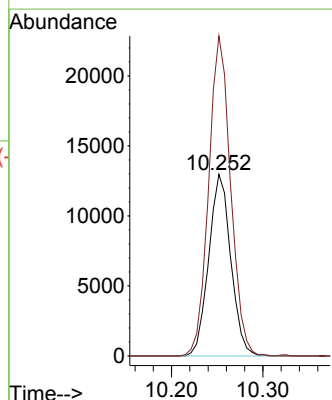
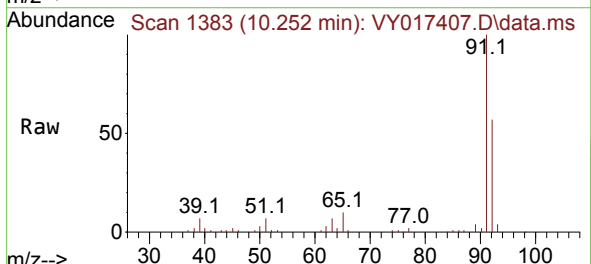
Acq: 19 Feb 2024 16:40

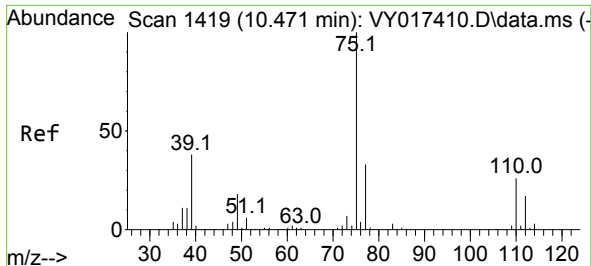
Tgt Ion: 92 Resp: 21751

Ion Ratio Lower Upper

92 100

91 175.3 139.0 208.6

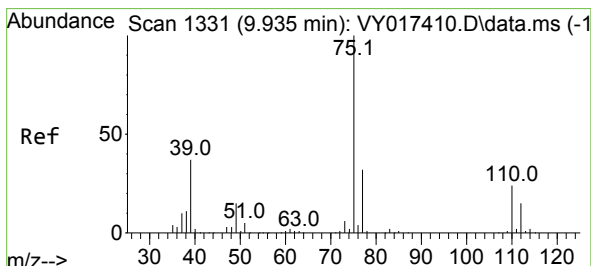
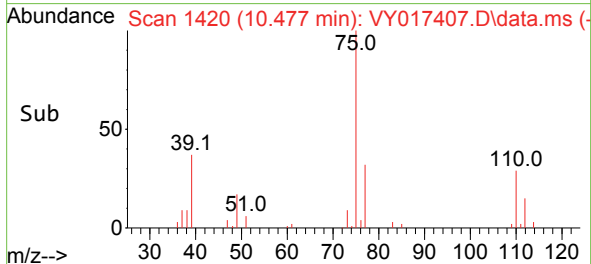
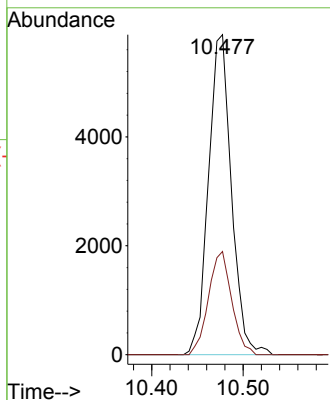
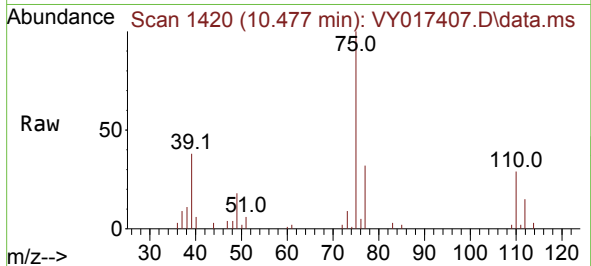




#53
 t-1,3-Dichloropropene
 Concen: 4.628 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

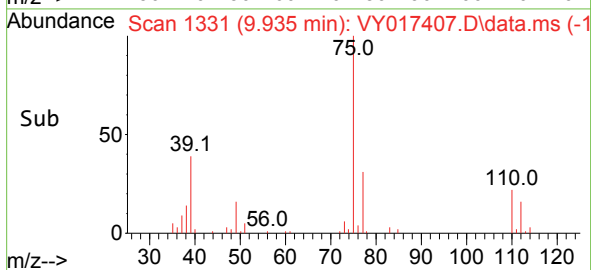
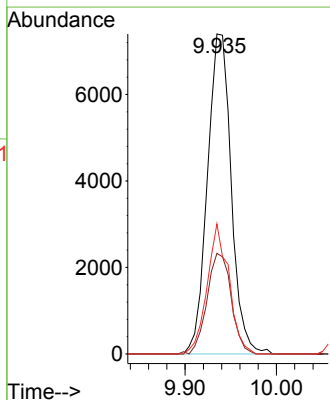
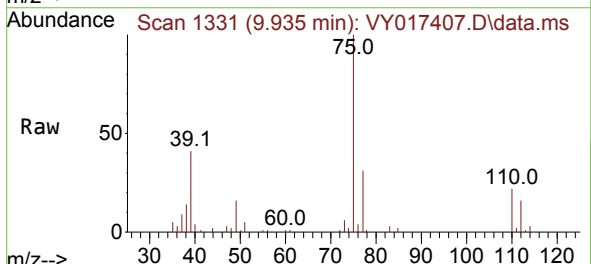
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

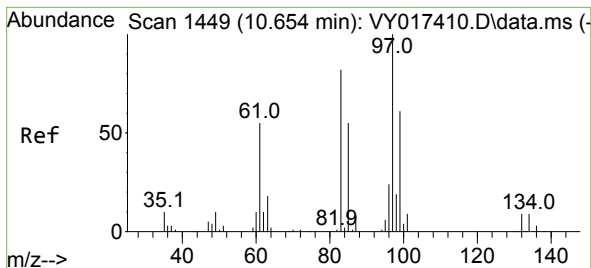
Tgt Ion: 75 Resp: 10227
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 4.942 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

Tgt Ion: 75 Resp: 13399
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 40.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 5.088 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 6795

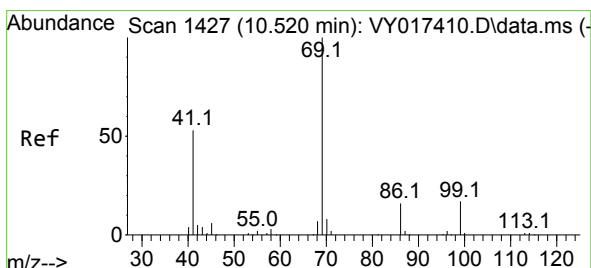
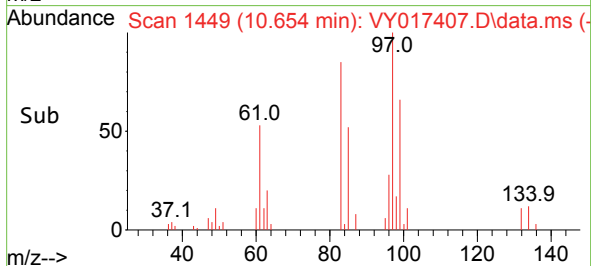
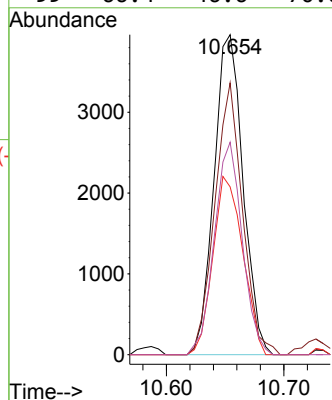
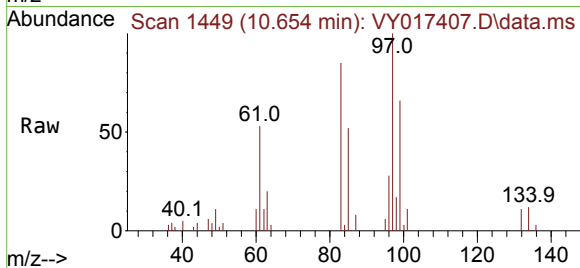
Ion Ratio Lower Upper

97 100

83 84.9 67.5 101.3

85 52.5 42.9 64.3

99 66.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 7.032 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

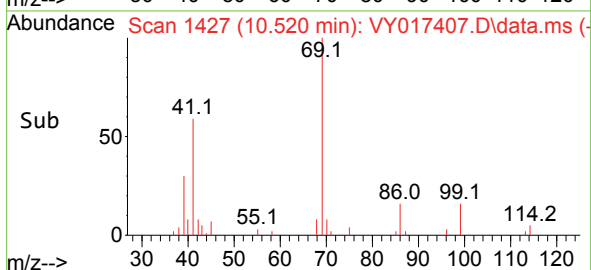
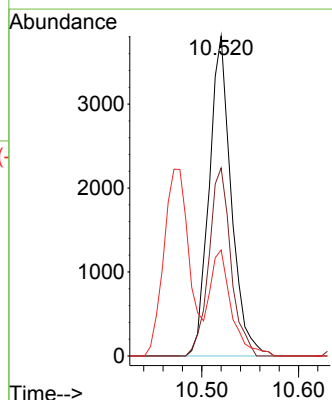
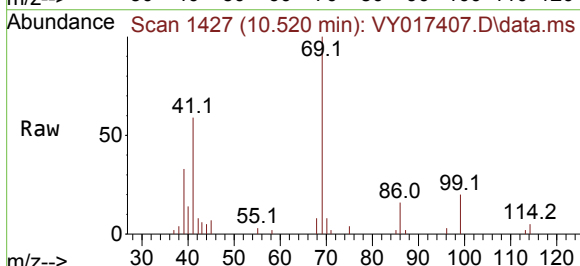
Tgt Ion: 69 Resp: 6053

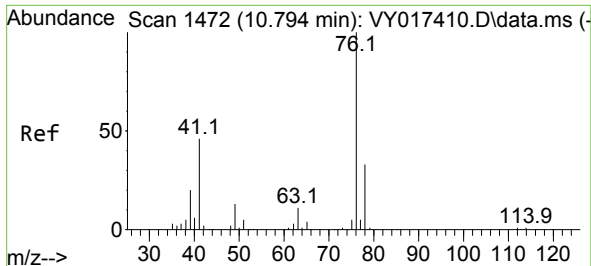
Ion Ratio Lower Upper

69 100

41 58.6 42.3 63.5

39 31.5 22.9 34.3





#57

1,3-Dichloropropane

Concen: 4.967 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

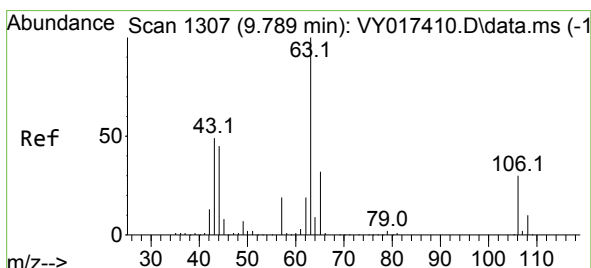
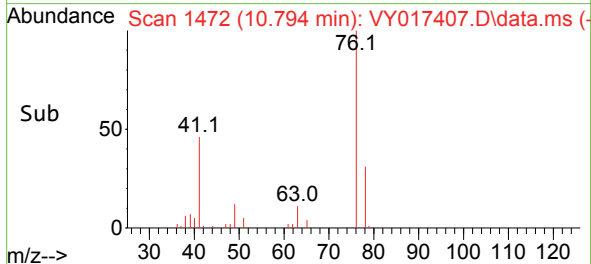
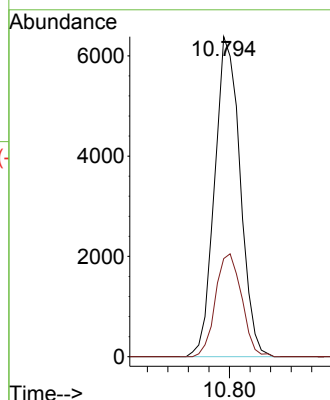
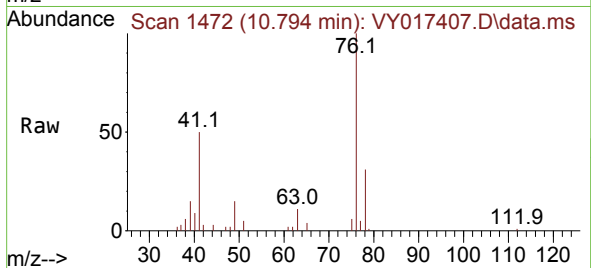
VSTDIC005

Tgt Ion: 76 Resp: 10976

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 20.981 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017407.D

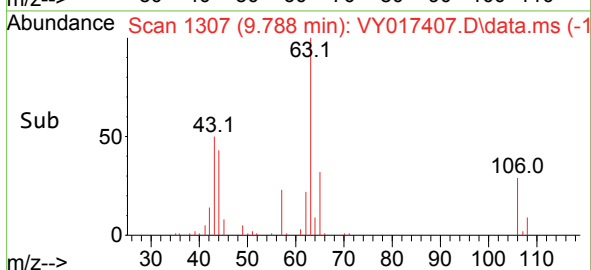
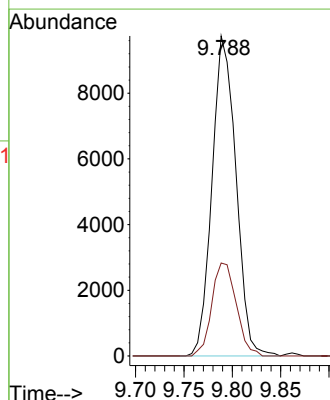
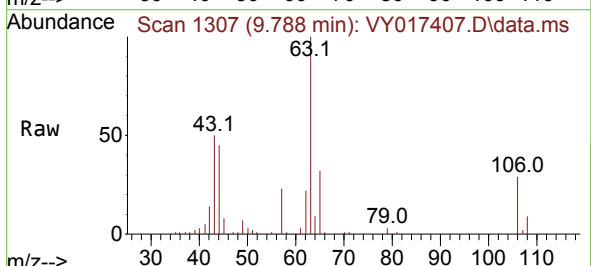
Acq: 19 Feb 2024 16:40

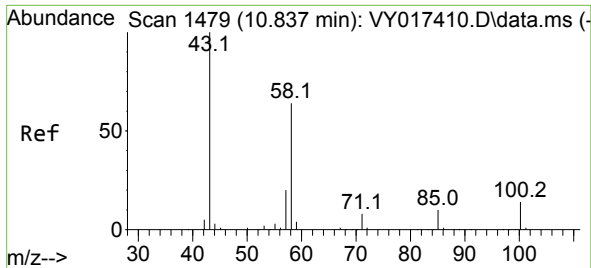
Tgt Ion: 63 Resp: 16743

Ion Ratio Lower Upper

63 100

106 29.7 23.7 35.5

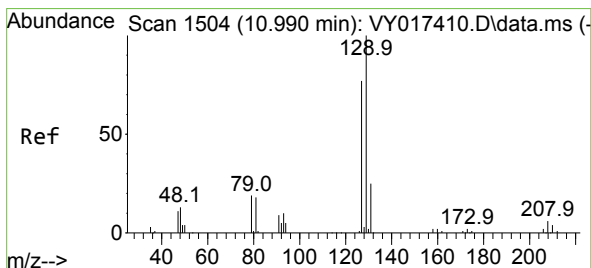
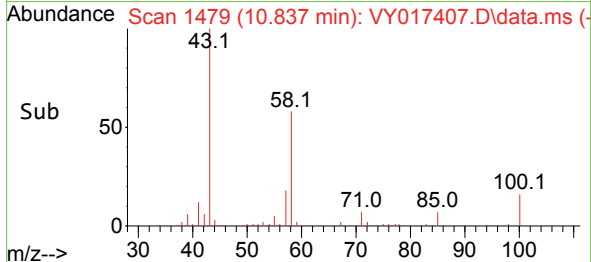
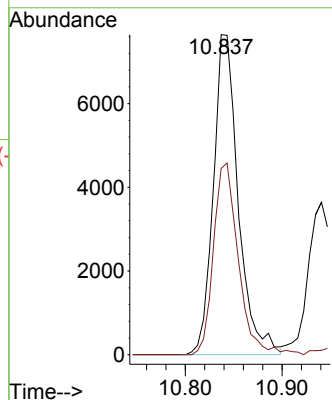
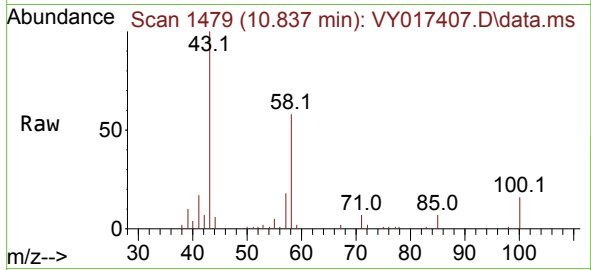




#59
2-Hexanone
Concen: 22.159 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

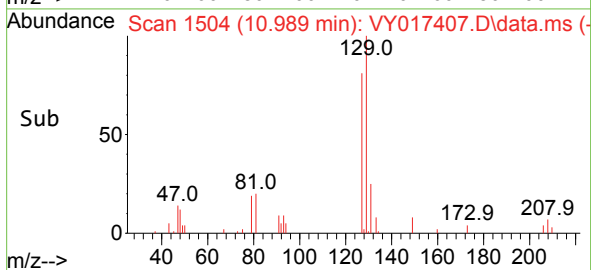
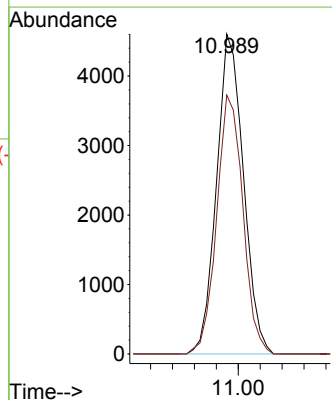
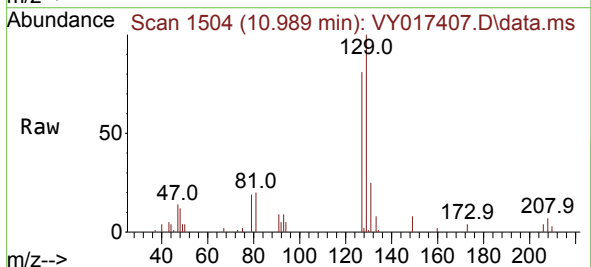
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

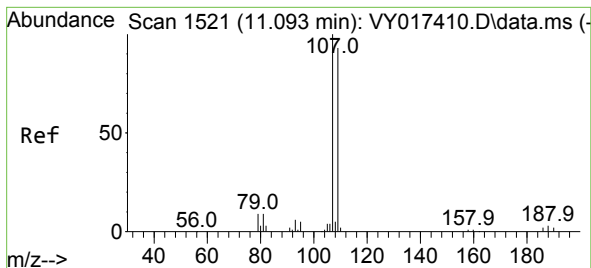
Tgt Ion: 43 Resp: 13684
Ion Ratio Lower Upper
43 100
58 59.7 31.4 94.0



#60
Dibromochloromethane
Concen: 4.937 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 129 Resp: 7838
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 4.858 ug/l

RT: 11.093 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

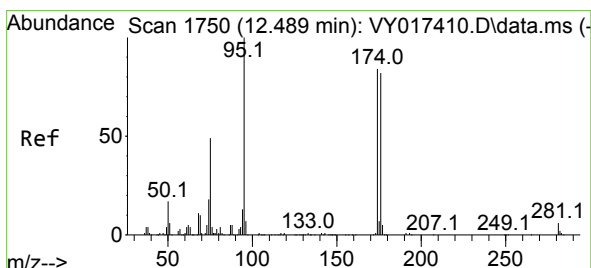
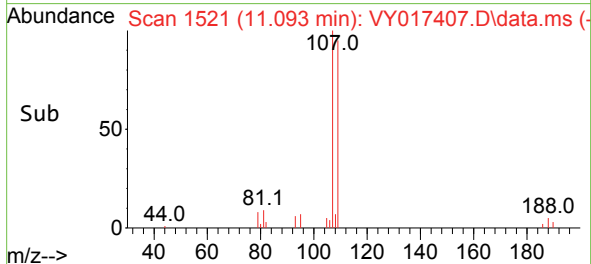
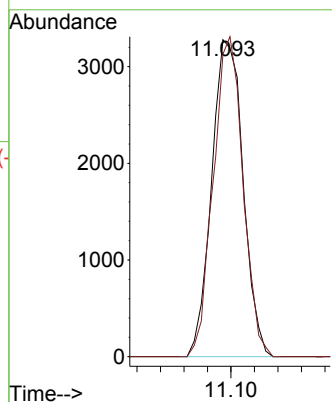
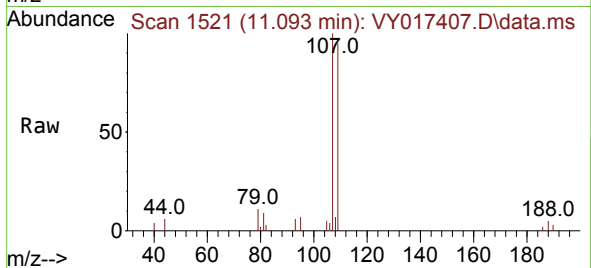
VSTDIC005

Tgt Ion:107 Resp: 6070

Ion Ratio Lower Upper

107 100

109 95.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 5.393 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

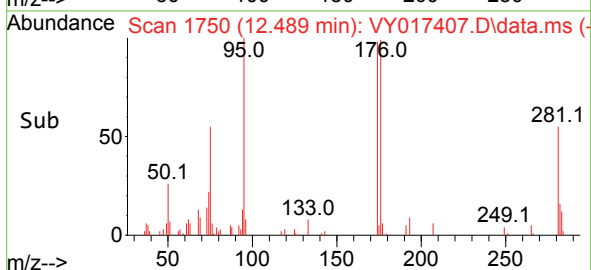
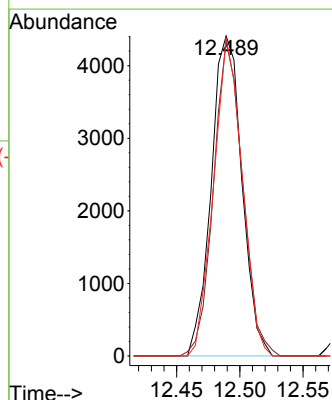
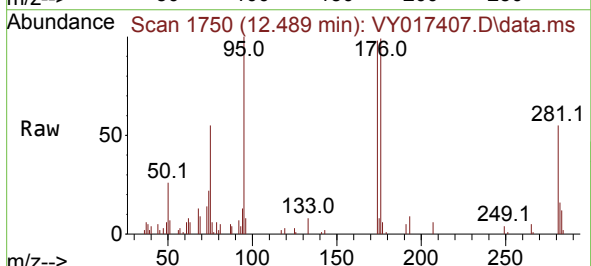
Tgt Ion: 95 Resp: 7434

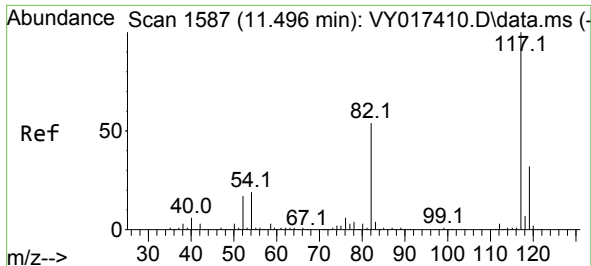
Ion Ratio Lower Upper

95 100

174 93.0 0.0 175.6

176 92.4 0.0 171.4

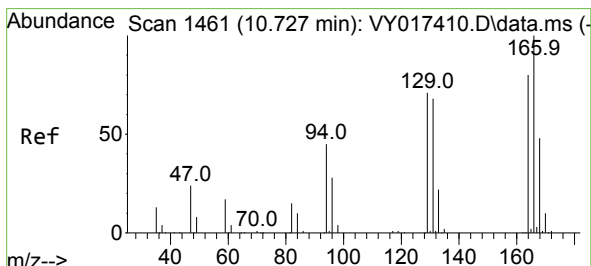
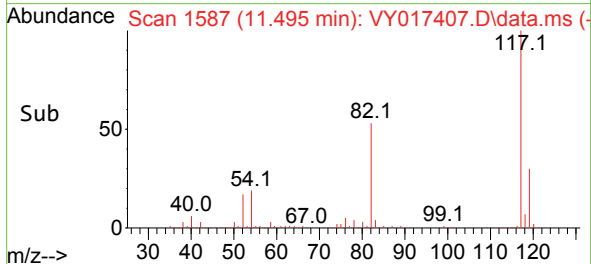
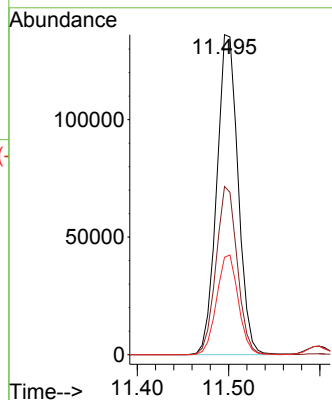
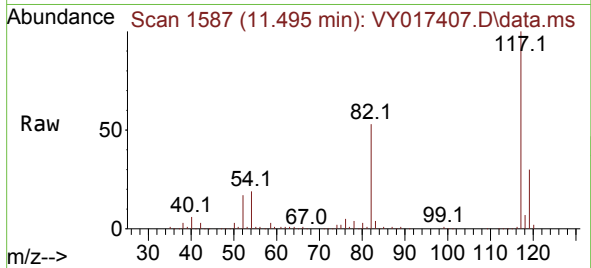




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

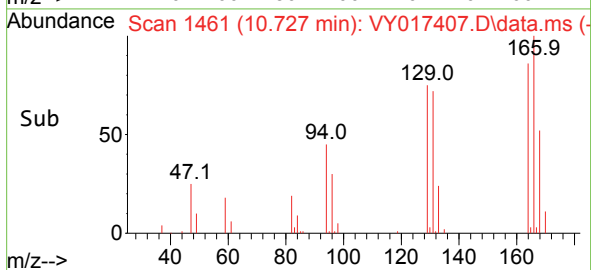
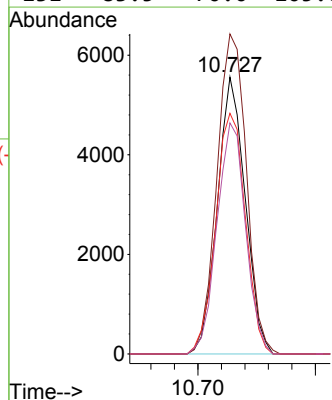
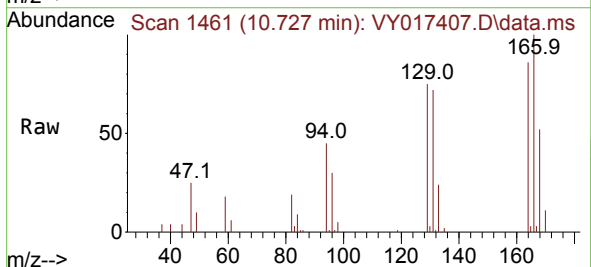
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

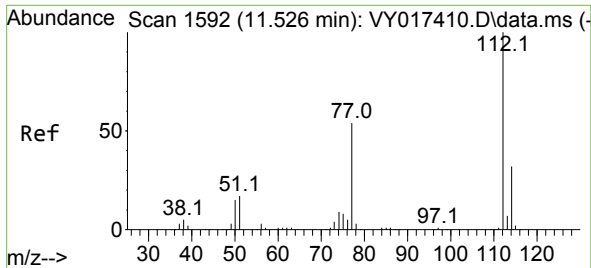
Tgt Ion:117 Resp: 221007
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 30.4 25.9 38.9



#64
Tetrachloroethene
Concen: 5.188 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion:164 Resp: 9176
Ion Ratio Lower Upper
164 100
166 115.6 102.6 154.0
129 87.0 72.0 108.0
131 83.5 70.0 105.0

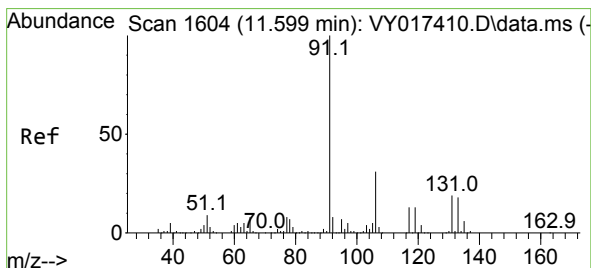
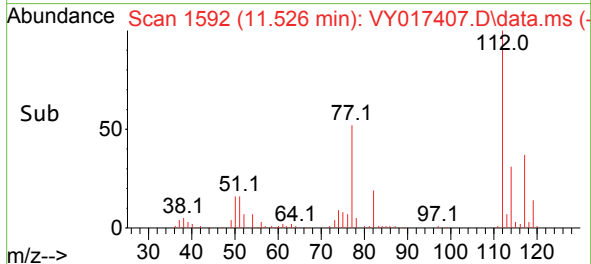
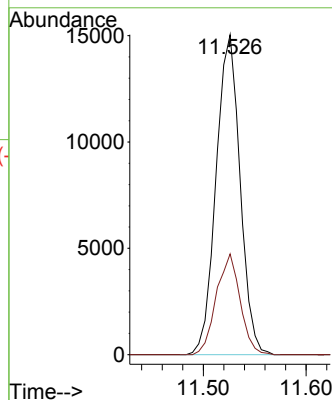
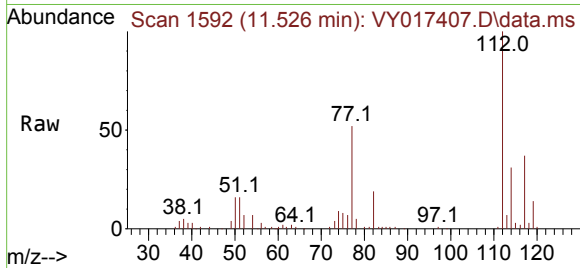




#65
Chlorobenzene
Concen: 5.115 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

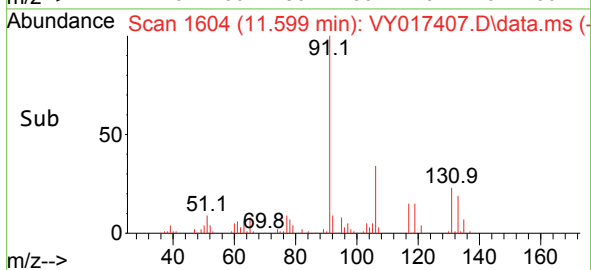
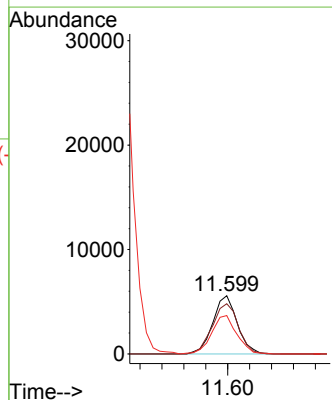
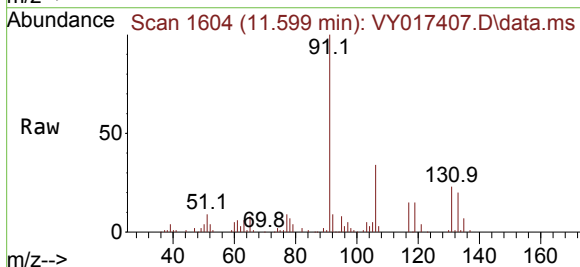
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

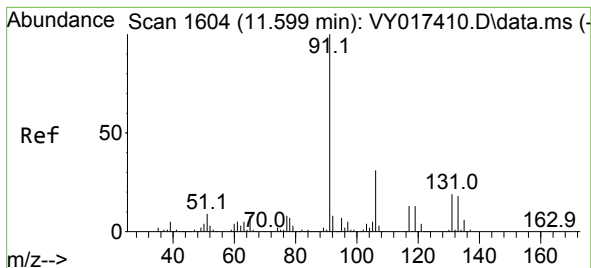
Tgt Ion:112 Resp: 24354
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.871 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion:131 Resp: 8637
Ion Ratio Lower Upper
131 100
133 92.6 47.8 143.3
119 68.2 34.1 102.2





#67

Ethyl Benzene

Concen: 4.569 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

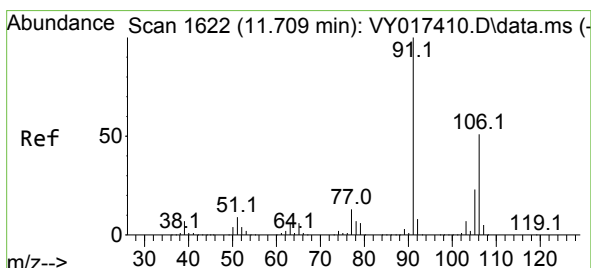
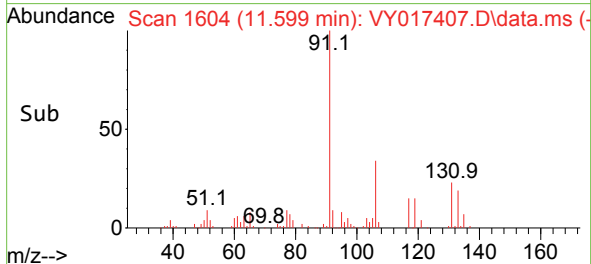
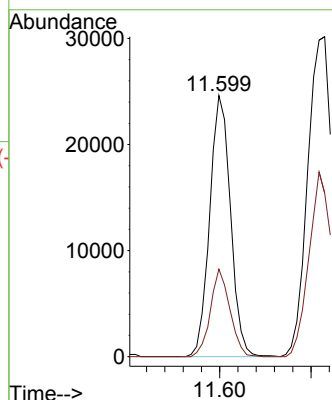
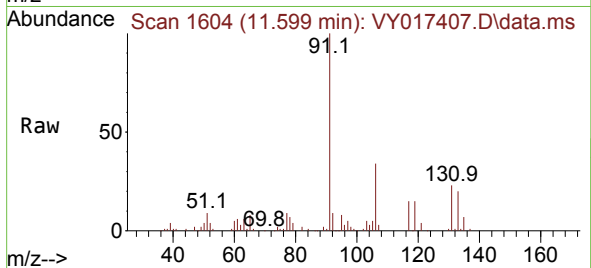
VSTDIC005

Tgt Ion: 91 Resp: 38906

Ion Ratio Lower Upper

91 100

106 33.5 24.5 36.7



#68

m/p-Xylenes

Concen: 9.164 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017407.D

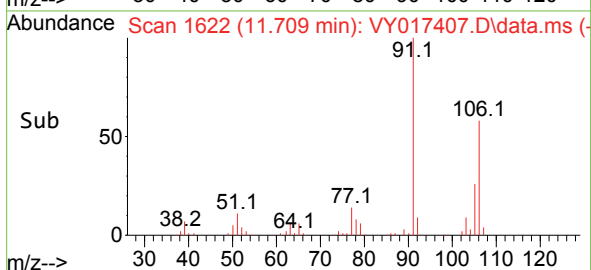
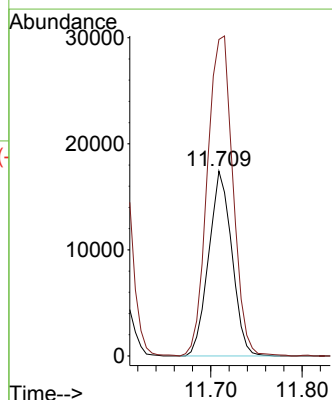
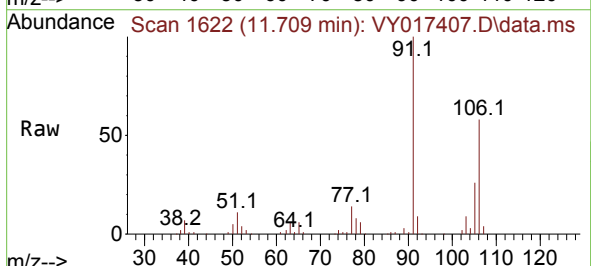
Acq: 19 Feb 2024 16:40

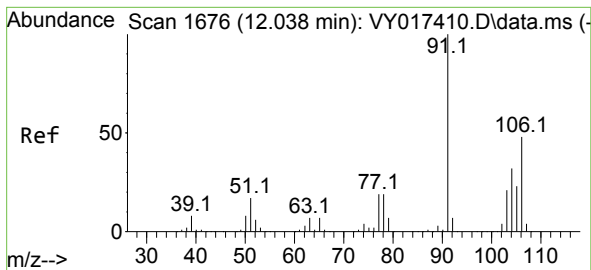
Tgt Ion: 106 Resp: 30675

Ion Ratio Lower Upper

106 100

91 190.8 156.0 234.0





#69

o-Xylene

Concen: 4.465 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

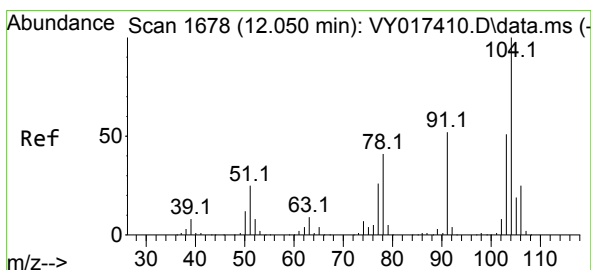
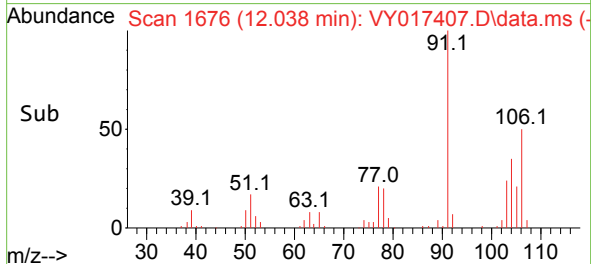
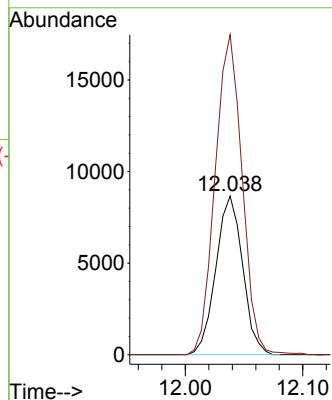
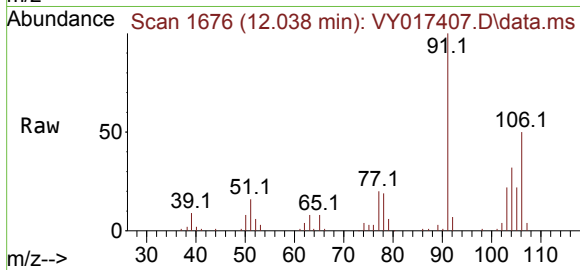
VSTDIC005

Tgt Ion:106 Resp: 13712

Ion Ratio Lower Upper

106 100

91 203.6 103.6 310.8



#70

Styrene

Concen: 4.146 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

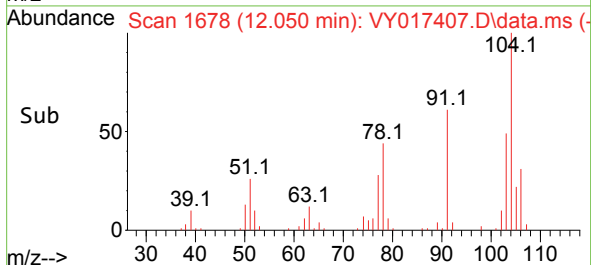
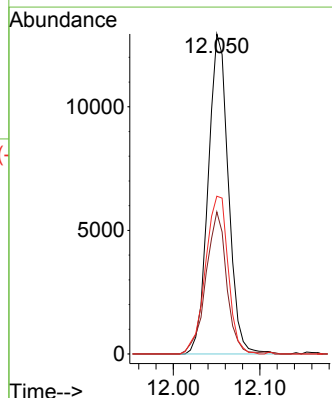
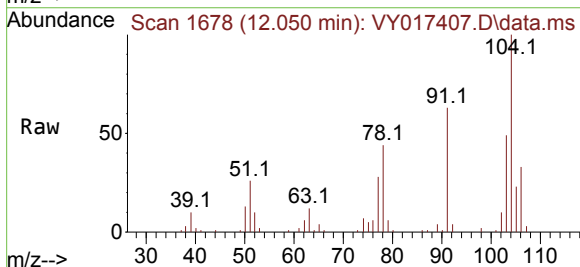
Tgt Ion:104 Resp: 20910

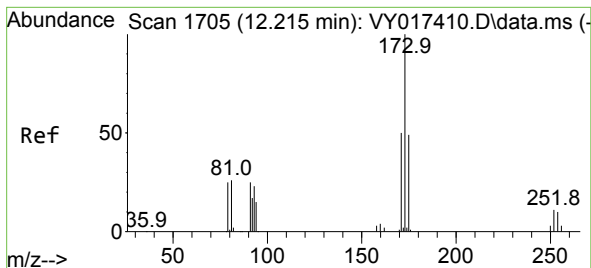
Ion Ratio Lower Upper

104 100

78 46.0 37.0 55.4

103 55.6 44.2 66.2





#71

Bromoform

Concen: 4.756 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

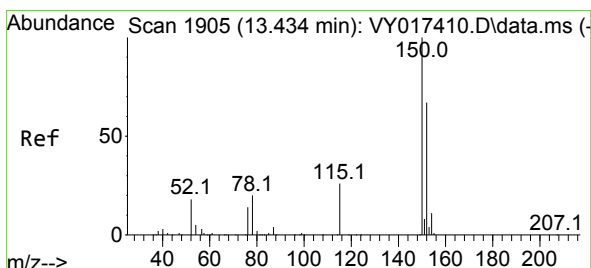
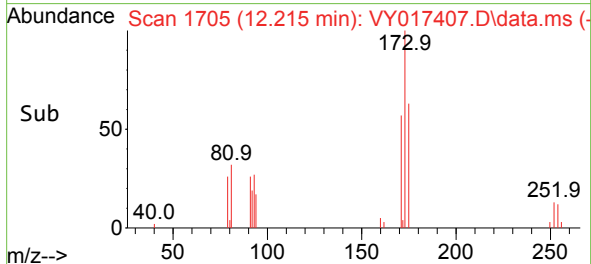
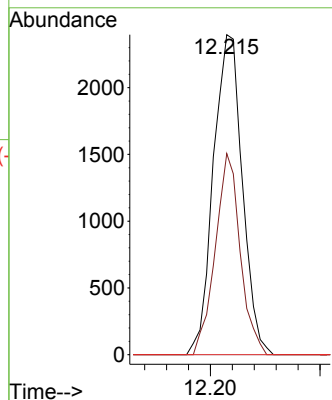
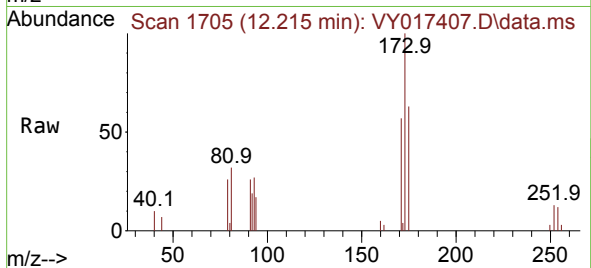
Tgt Ion:173 Resp: 4387

Ion Ratio Lower Upper

173 100

175 54.2 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: VY017407.D

Acq: 19 Feb 2024 16:40

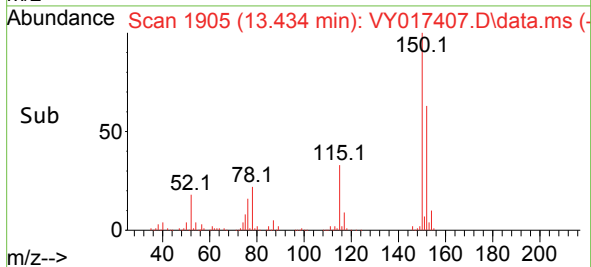
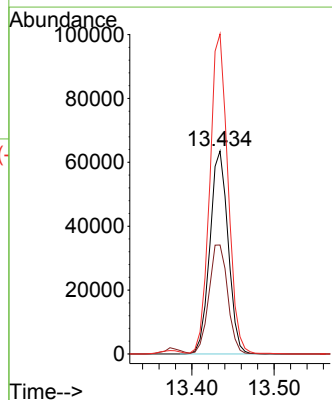
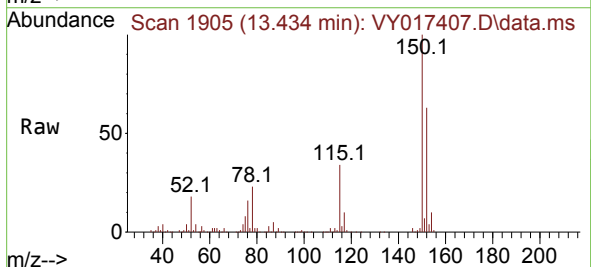
Tgt Ion:152 Resp: 97636

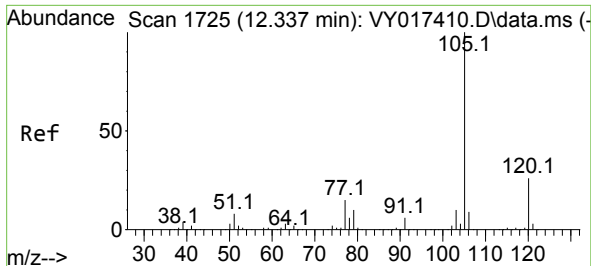
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 157.7 0.0 345.6

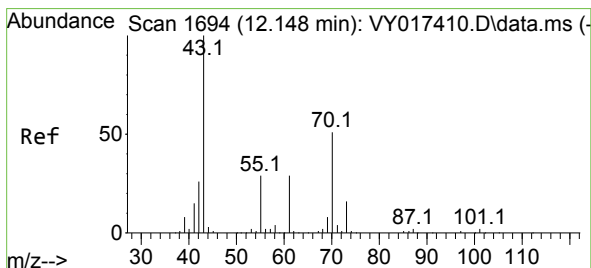
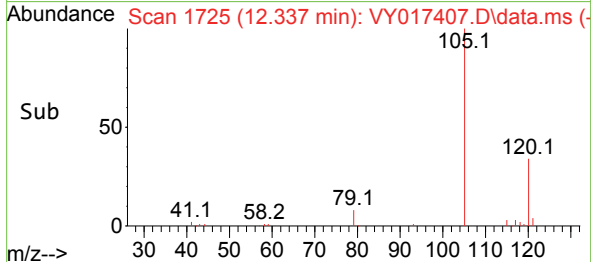
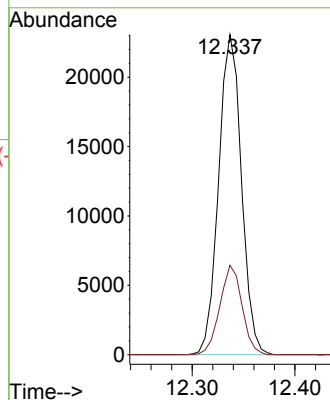
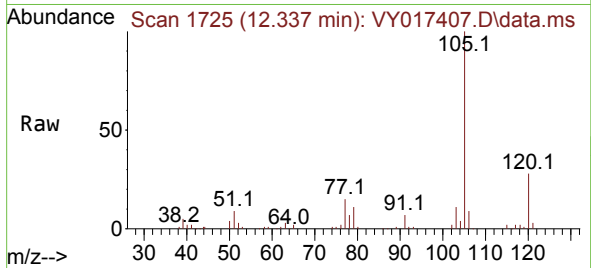




#73
Isopropylbenzene
Concen: 4.711 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

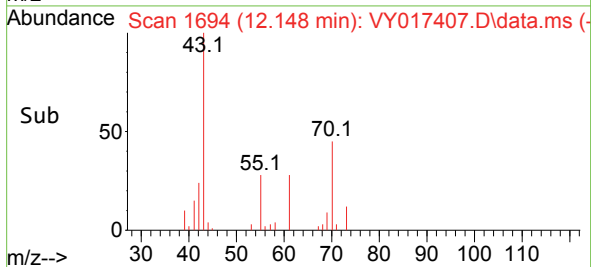
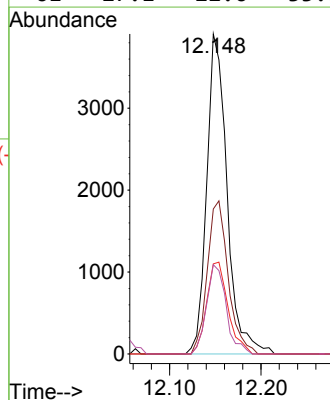
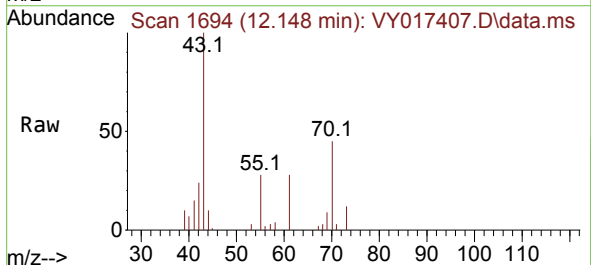
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

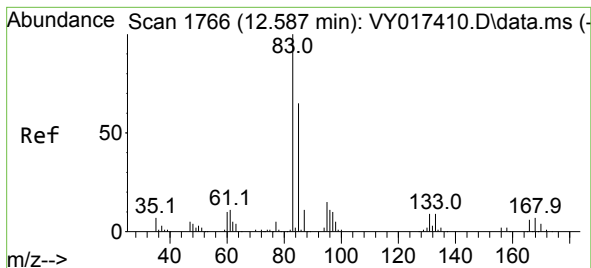
Tgt Ion:105 Resp: 35528
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 4.587 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 43 Resp: 6023
Ion Ratio Lower Upper
43 100
70 49.4 41.4 62.2
55 30.3 23.3 34.9
61 27.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.321 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

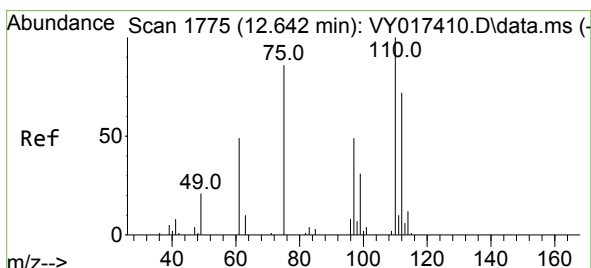
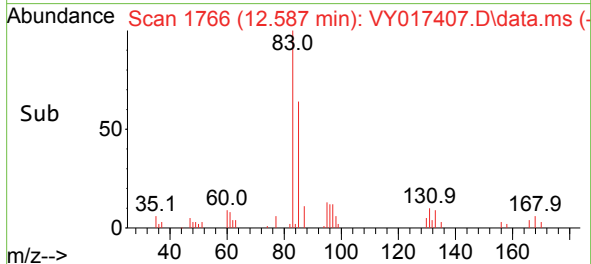
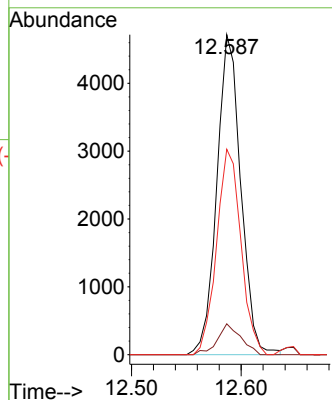
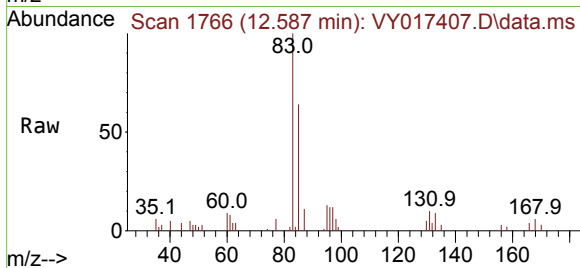
Tgt Ion: 83 Resp: 7172

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 65.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 8.722 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017407.D

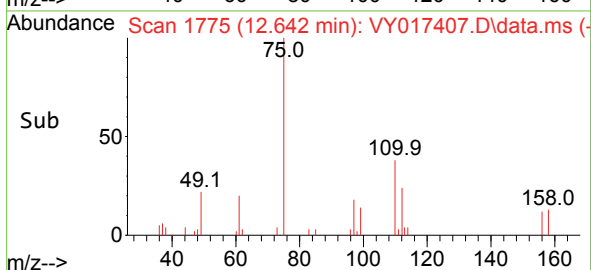
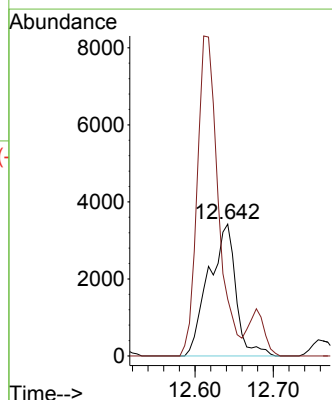
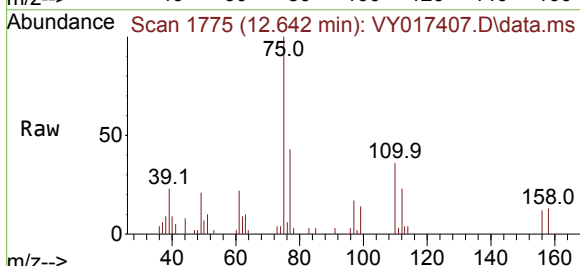
Acq: 19 Feb 2024 16:40

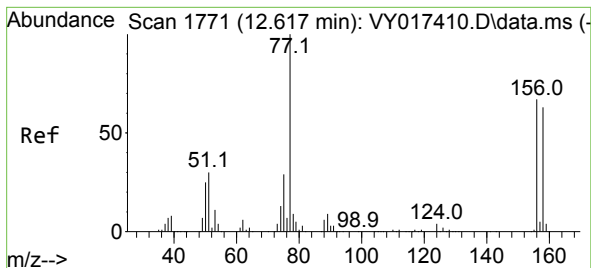
Tgt Ion: 75 Resp: 8279

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.114 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

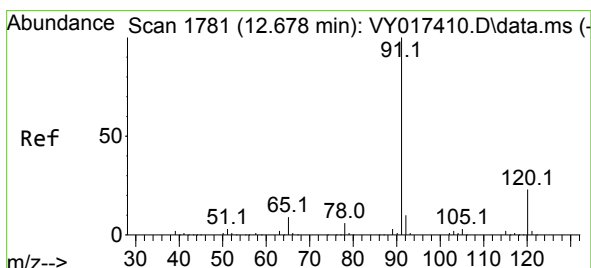
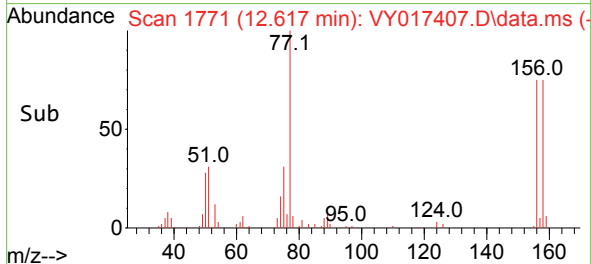
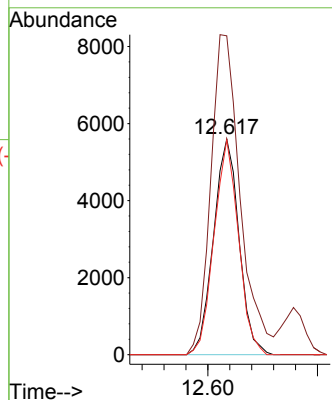
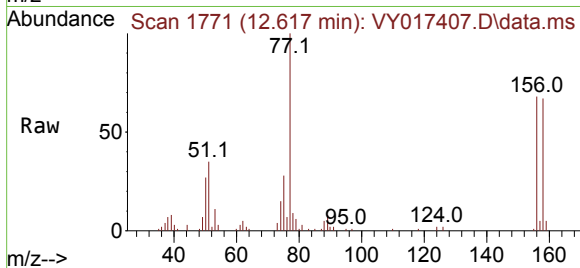
Tgt Ion:156 Resp: 9046

Ion Ratio Lower Upper

156 100

77 171.6 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 4.689 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY017407.D

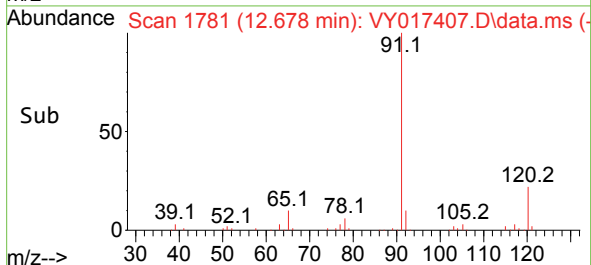
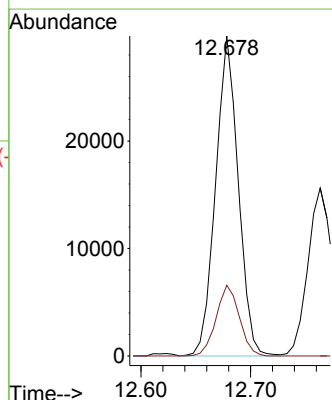
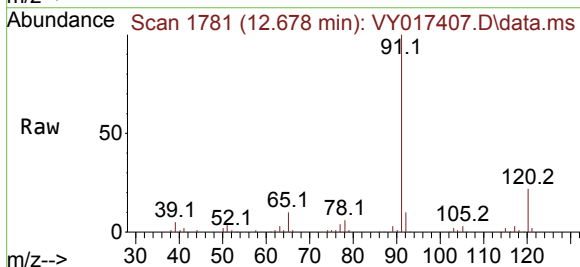
Acq: 19 Feb 2024 16:40

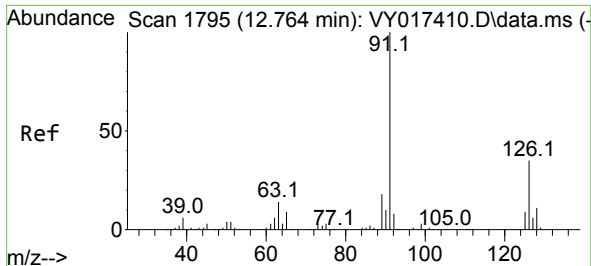
Tgt Ion: 91 Resp: 42777

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

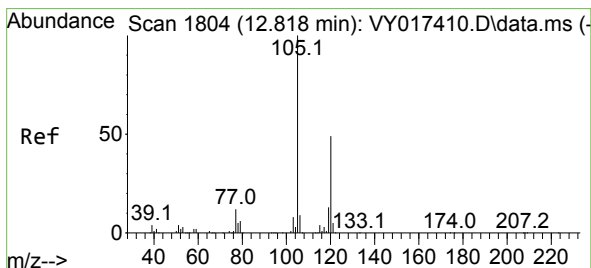
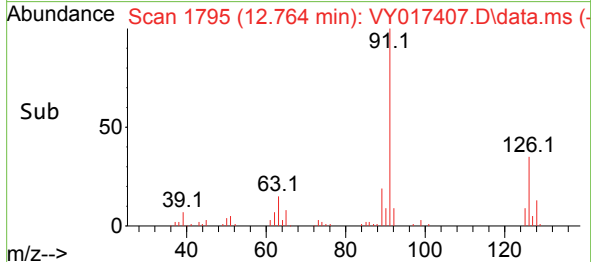
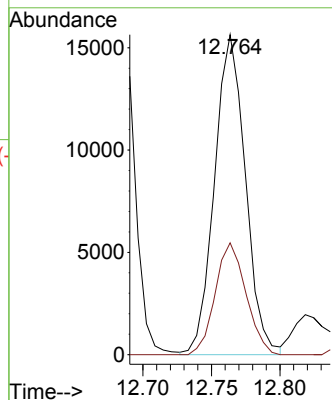
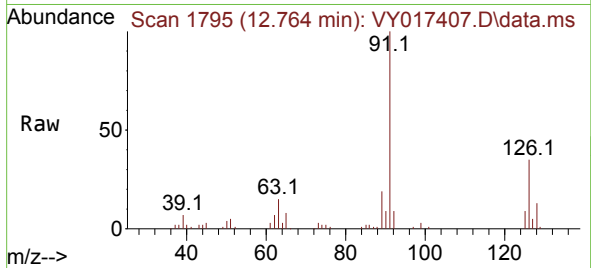




#79
2-Chlorotoluene
Concen: 4.882 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

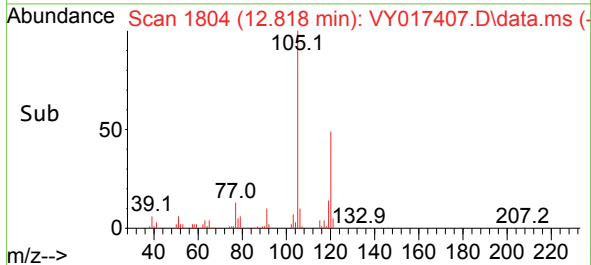
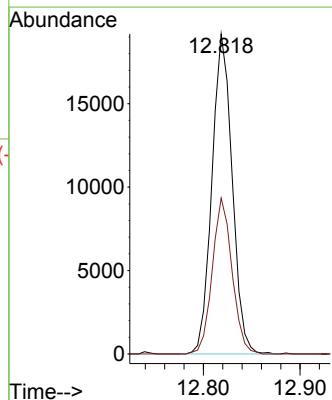
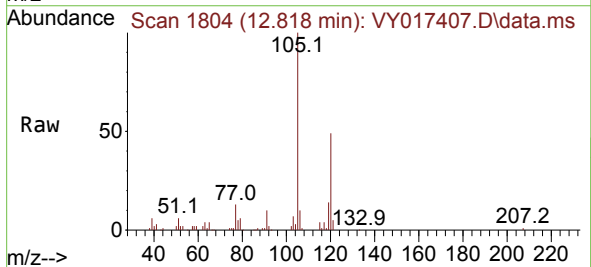
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

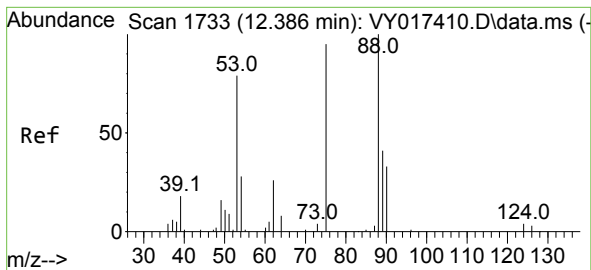
Tgt Ion: 91 Resp: 24522
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 4.621 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion: 105 Resp: 27874
Ion Ratio Lower Upper
105 100
120 47.6 25.1 75.2

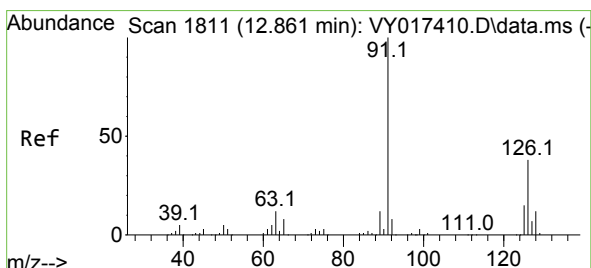
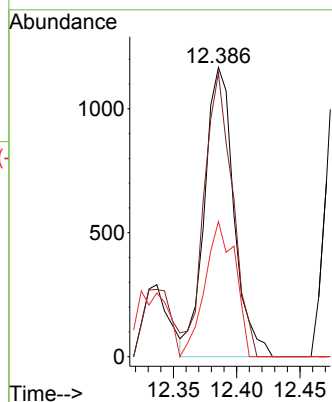
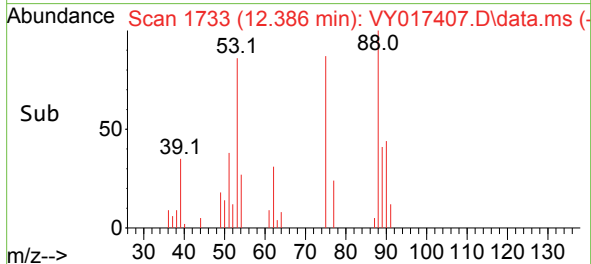
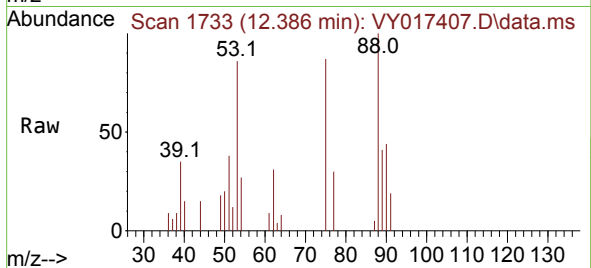




#81
trans-1,4-Dichloro-2-butene
Concen: 4.647 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

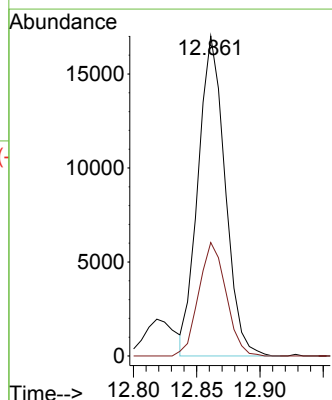
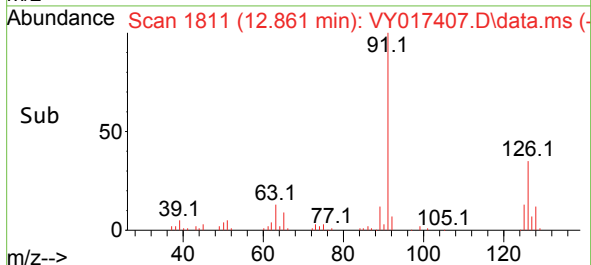
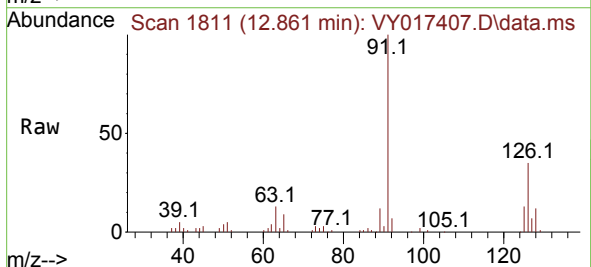
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

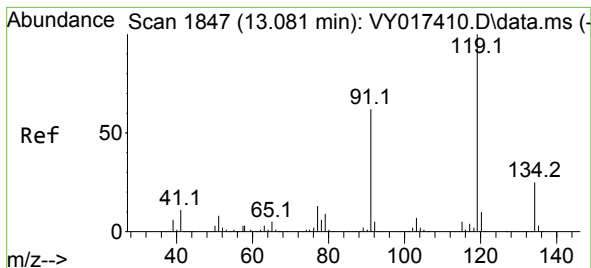
Tgt Ion:	75	Resp:	1887
Ion	Ratio	Lower	Upper
75	100		
53	95.1	66.8	100.2
89	47.9	35.8	53.6



#82
4-Chlorotoluene
Concen: 4.884 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY017407.D
Acq: 19 Feb 2024 16:40

Tgt Ion:	91	Resp:	25313
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 4.623 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

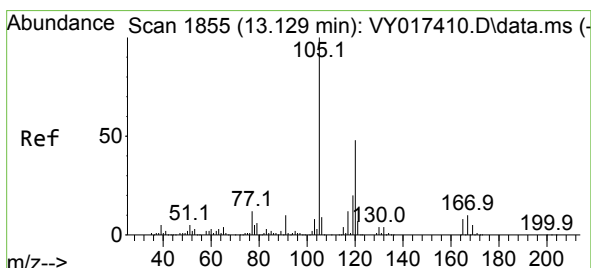
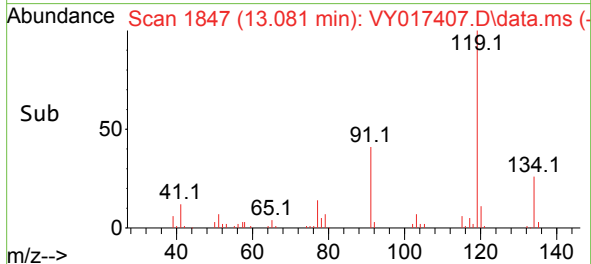
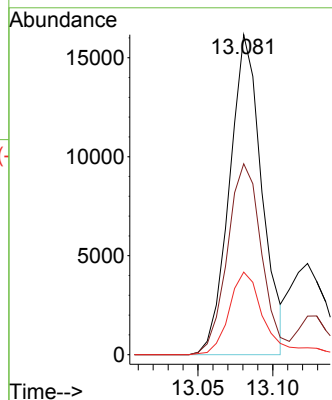
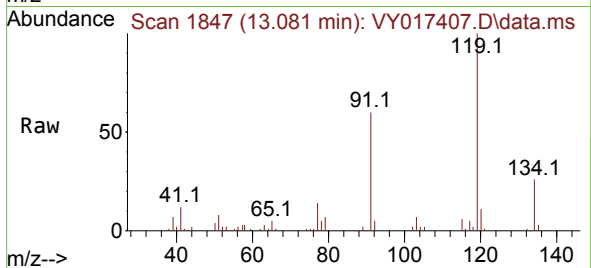
Tgt Ion:119 Resp: 24353

Ion Ratio Lower Upper

119 100

91 63.5 31.3 93.8

134 28.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 4.500 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY017407.D

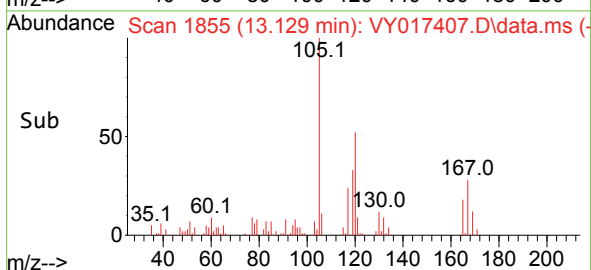
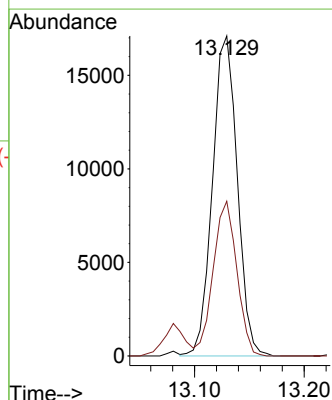
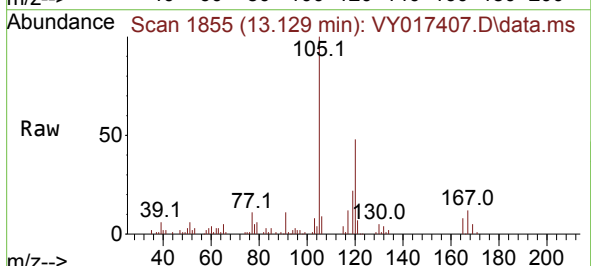
Acq: 19 Feb 2024 16:40

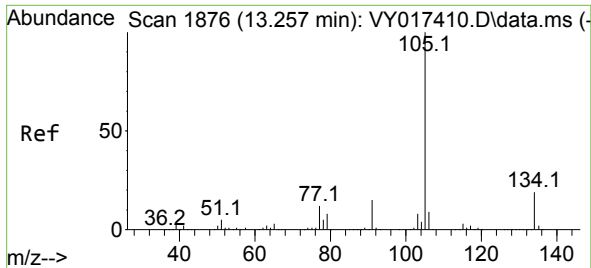
Tgt Ion:105 Resp: 26895

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6

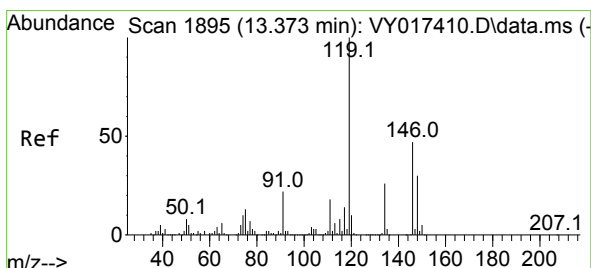
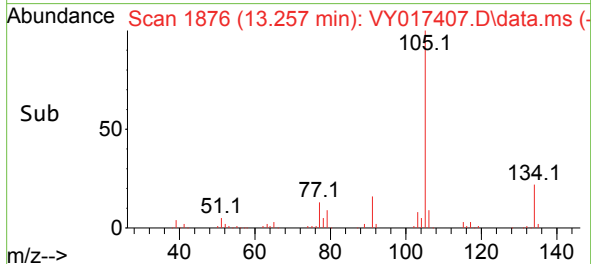
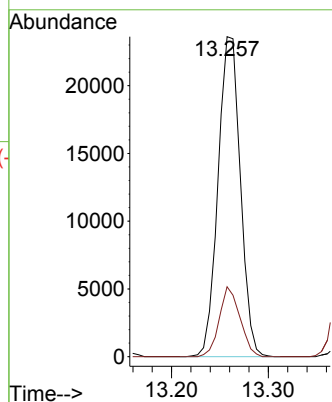
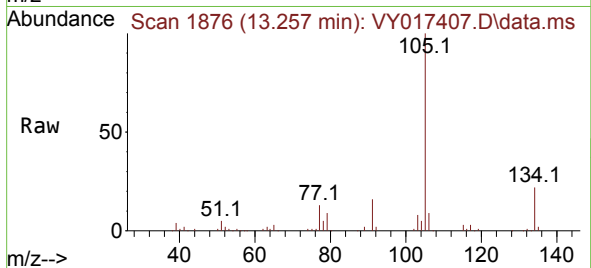




#85
 sec-Butylbenzene
 Concen: 4.678 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

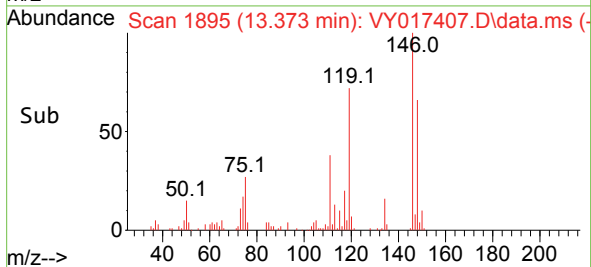
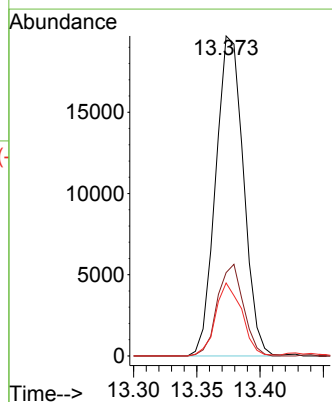
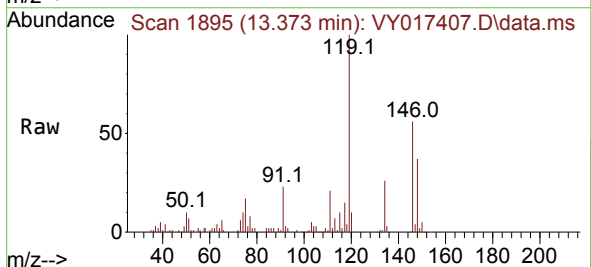
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

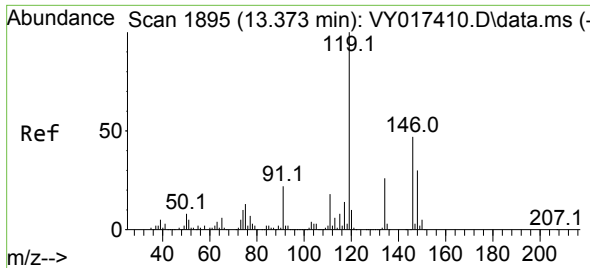
Tgt Ion:105 Resp: 37851
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.509 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

Tgt Ion:119 Resp: 30045
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 21.7 10.7 32.1

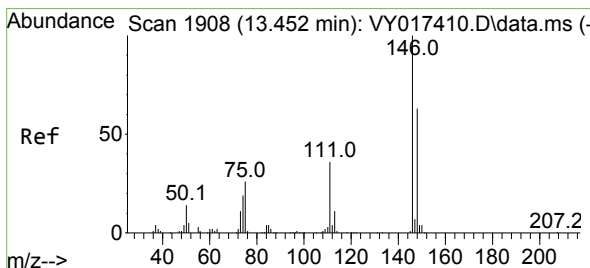
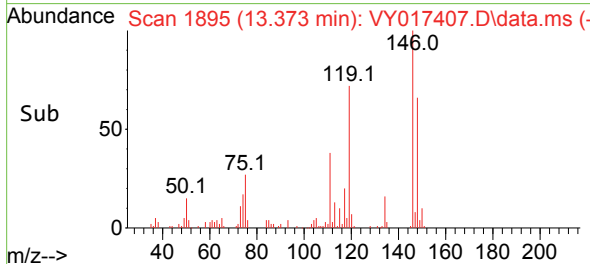
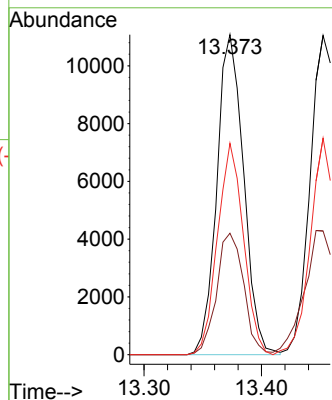
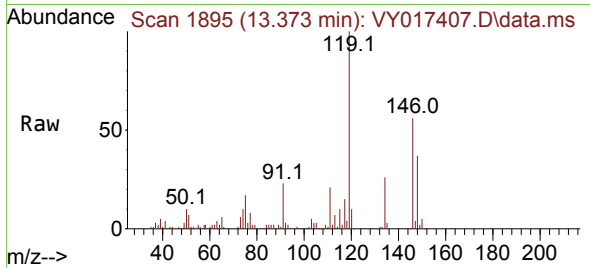




#87
 1,3-Dichlorobenzene
 Concen: 4.915 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

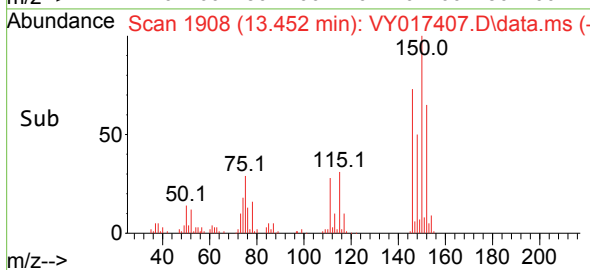
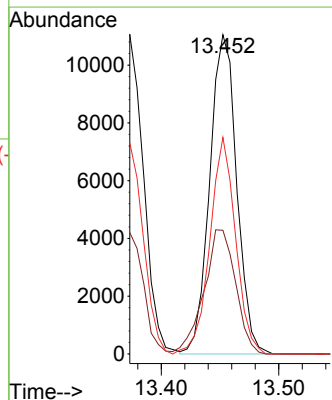
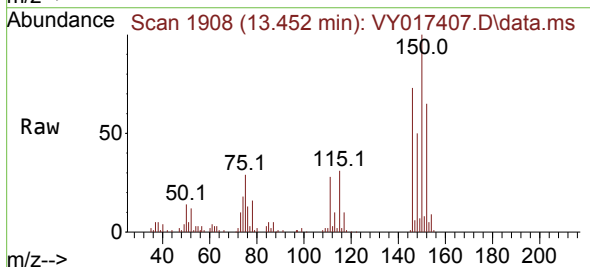
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

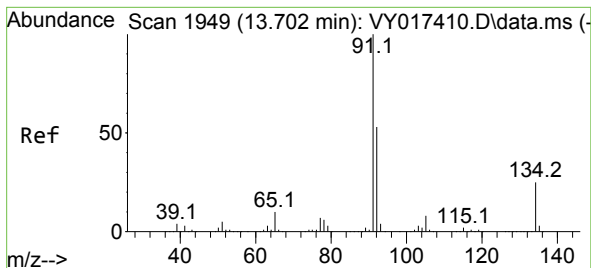
Tgt Ion:	146	Resp:	17557
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.0	31.7	95.1



#88
 1,4-Dichlorobenzene
 Concen: 5.116 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY017407.D
 Acq: 19 Feb 2024 16:40

Tgt Ion:	146	Resp:	17646
Ion	Ratio	Lower	Upper
146	100		
111	45.5	18.4	55.4
148	64.6	32.4	97.2





#89

n-Butylbenzene

Concen: 4.636 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

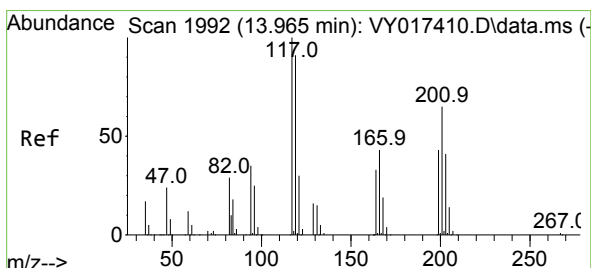
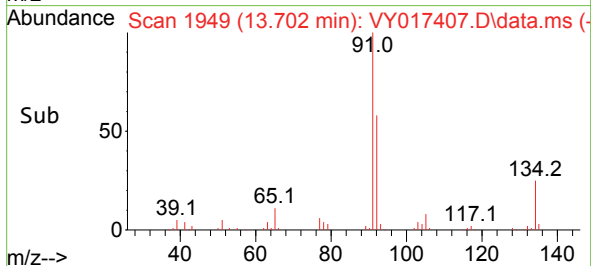
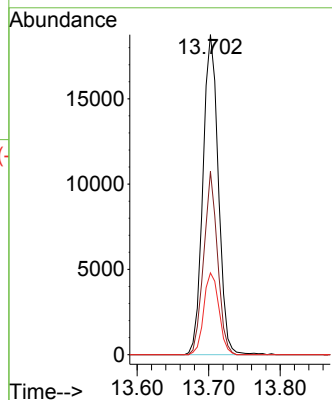
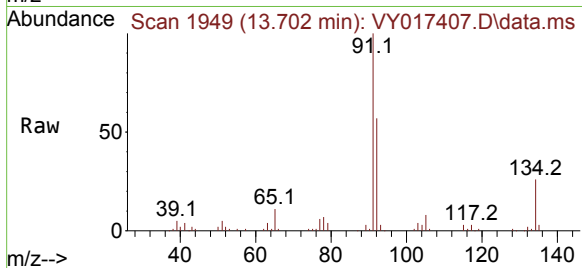
Tgt Ion: 91 Resp: 28100

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 5.104 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017407.D

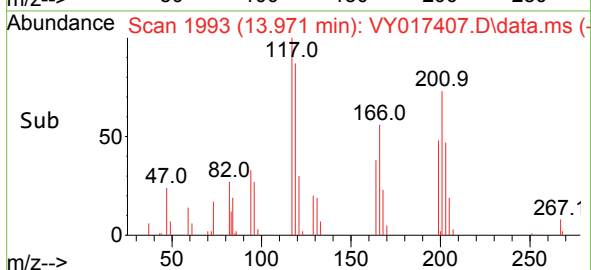
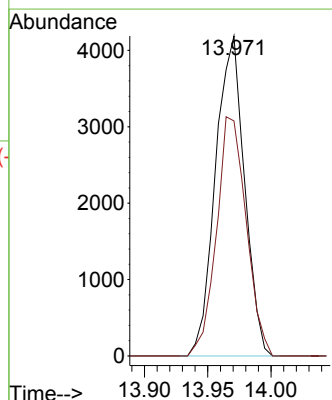
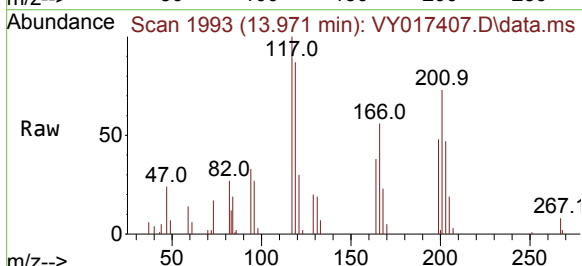
Acq: 19 Feb 2024 16:40

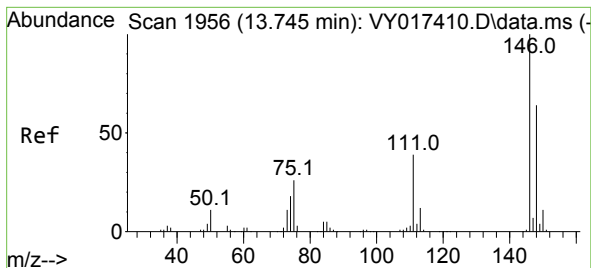
Tgt Ion: 117 Resp: 6664

Ion Ratio Lower Upper

117 100

201 76.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 5.156 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

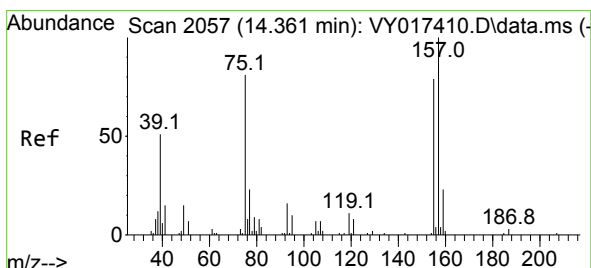
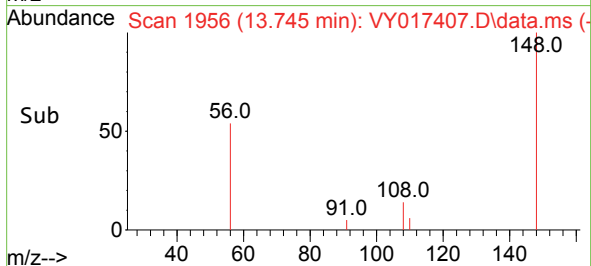
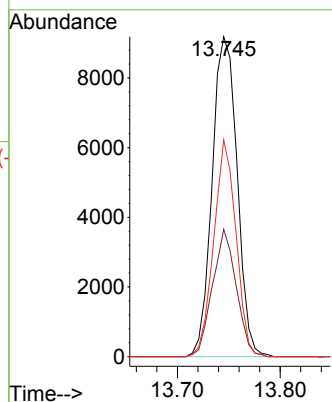
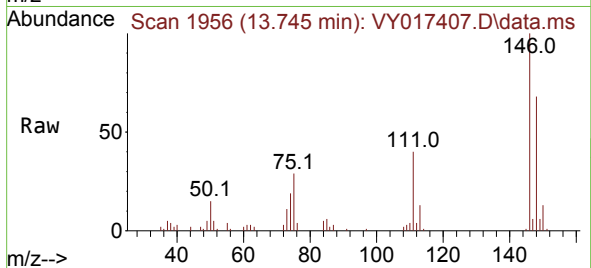
Tgt Ion:146 Resp: 15501

Ion Ratio Lower Upper

146 100

111 37.8 19.9 59.7

148 60.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.130 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

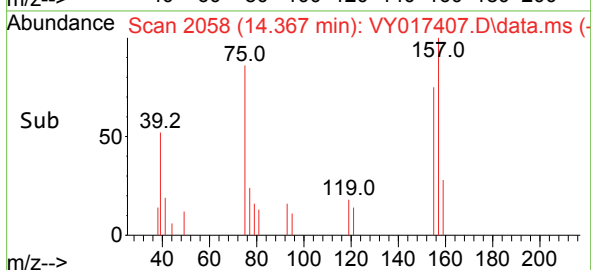
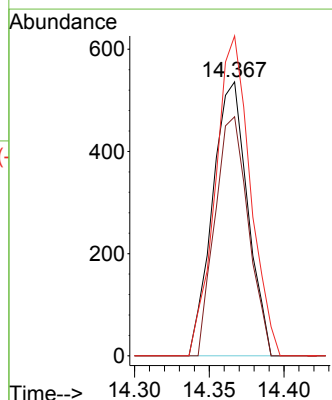
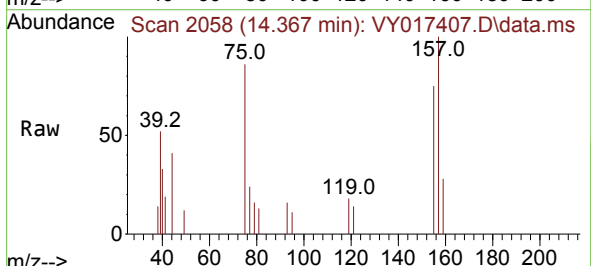
Tgt Ion: 75 Resp: 874

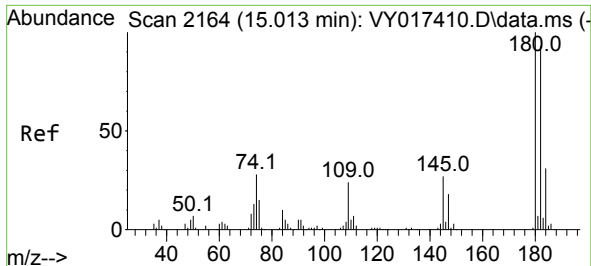
Ion Ratio Lower Upper

75 100

155 82.7 48.6 145.8

157 116.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.620 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

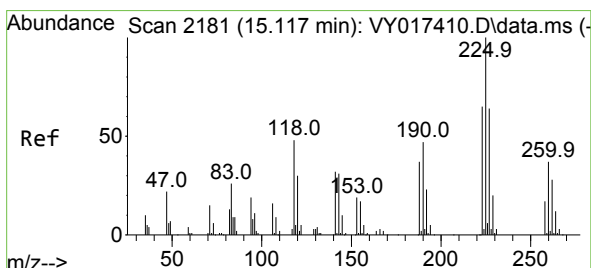
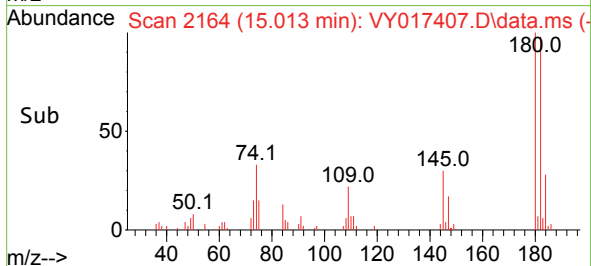
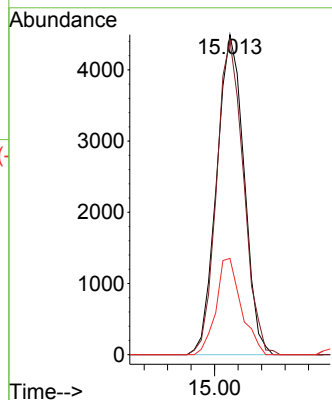
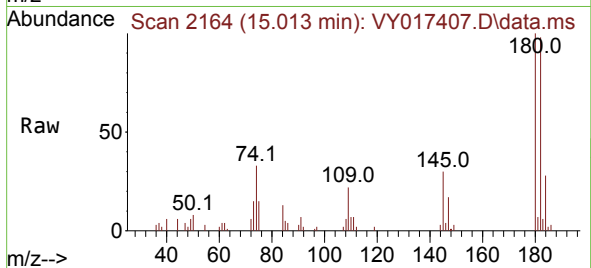
Tgt Ion:180 Resp: 7263

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.8

145 27.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 5.169 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

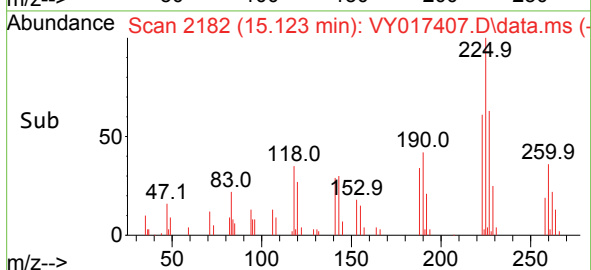
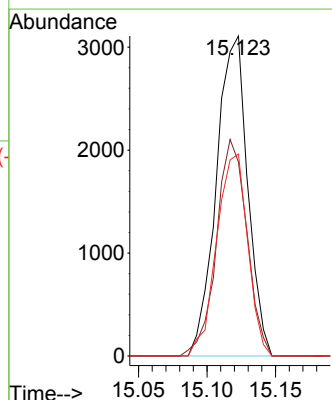
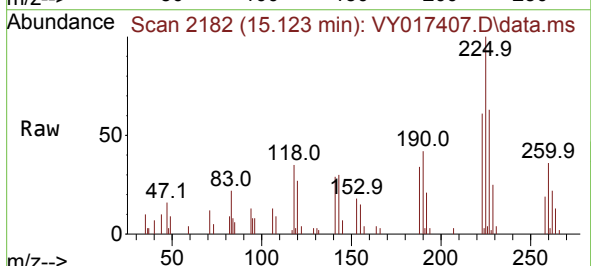
Tgt Ion:225 Resp: 4942

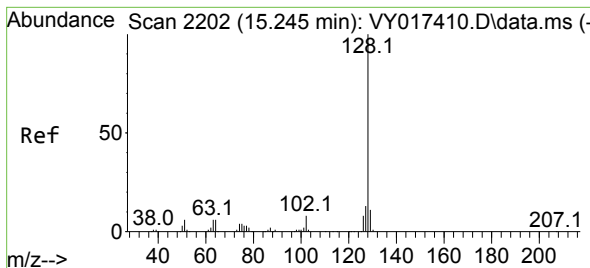
Ion Ratio Lower Upper

225 100

223 65.7 30.4 91.2

227 62.5 31.9 95.9





#95

Naphthalene

Concen: 6.778 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

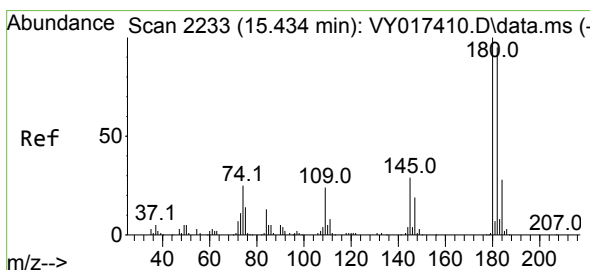
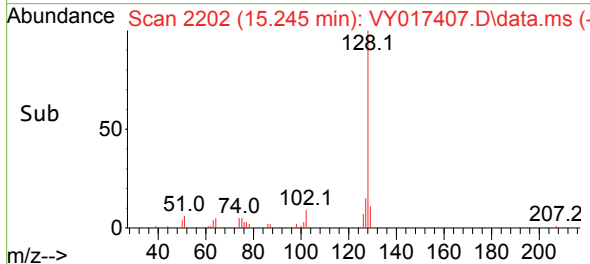
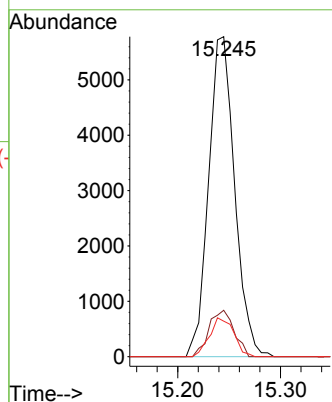
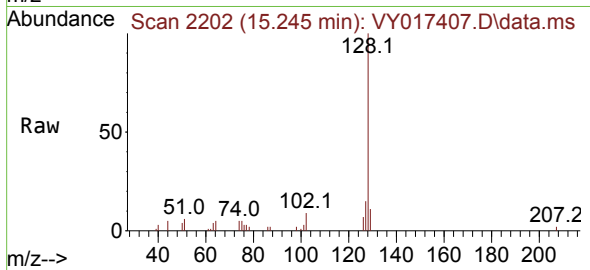
Tgt Ion:128 Resp: 10177

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.779 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017407.D

Acq: 19 Feb 2024 16:40

Tgt Ion:180 Resp: 6316

Ion Ratio Lower Upper

180 100

182 91.7 47.6 142.9

145 29.7 15.4 46.1

