

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017736.D
 Acq On : 22 Mar 2024 09:44
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 23 03:40:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	142441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	230710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	192814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	5154	4.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	8.300%#
35) Dibromofluoromethane	7.734	113	5881	4.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	8.520%#
50) Toluene-d8	10.197	98	21511	4.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.160%#
62) 4-Bromofluorobenzene	12.495	95	6923	4.368	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.740%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	6937	5.641	ug/l	98
3) Chloromethane	2.125	50	8564	5.376	ug/l	89
4) Vinyl Chloride	2.265	62	10334	5.365	ug/l	91
5) Bromomethane	2.668	94	8224	5.468	ug/l	96
6) Chloroethane	2.808	64	7096	5.512	ug/l	96
7) Trichlorofluoromethane	3.143	101	11467	5.648	ug/l	100
8) Diethyl Ether	3.540	74	3198	4.778	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.918	101	7999	5.535	ug/l	98
10) Methyl Iodide	4.107	142	8465	4.792	ug/l	97
11) Tert butyl alcohol	4.972	59	2108	25.539	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	7033	5.174	ug/l	93
13) Acrolein	3.747	56	2161	21.720	ug/l	91
14) Allyl chloride	4.503	41	8499	4.613	ug/l	96
15) Acrylonitrile	5.186	53	5746	20.723	ug/l	97
16) Acetone	3.972	43	4423	20.378	ug/l #	82
17) Carbon Disulfide	4.216	76	24141	5.307	ug/l	96
18) Methyl Acetate	4.503	43	2254	4.125	ug/l #	46
19) Methyl tert-butyl Ether	5.247	73	12052	4.112	ug/l	99
20) Methylene Chloride	4.741	84	9158	5.802	ug/l	93
21) trans-1,2-Dichloroethene	5.240	96	7988	5.154	ug/l	93
22) Diisopropyl ether	6.137	45	17121	4.268	ug/l #	88
23) Vinyl Acetate	6.082	43	44864	19.042	ug/l	100
24) 1,1-Dichloroethane	6.039	63	13161	4.992	ug/l	98
25) 2-Butanone	7.008	43	6132	24.071	ug/l	93
26) 2,2-Dichloropropane	6.996	77	11360	5.069	ug/l	97
27) cis-1,2-Dichloroethene	7.008	96	8543	4.873	ug/l	95
28) Bromochloromethane	7.356	49	4697	4.595	ug/l	89
29) Tetrahydrofuran	7.368	42	3704	20.075	ug/l	95
30) Chloroform	7.521	83	14091	5.155	ug/l	94
31) Cyclohexane	7.801	56	13350	5.439	ug/l #	79
32) 1,1,1-Trichloroethane	7.716	97	11946	5.018	ug/l	94
36) 1,1-Dichloropropene	7.935	75	10610	4.980	ug/l	94
37) Ethyl Acetate	7.088	43	3155	3.854	ug/l #	75
38) Carbon Tetrachloride	7.917	117	10996	4.929	ug/l	96
39) Methylcyclohexane	9.197	83	12691	4.640	ug/l #	87
40) Benzene	8.173	78	30260	4.745	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	1775	4.389	ug/l #	79
42) 1,2-Dichloroethane	8.252	62	6923	4.532	ug/l	97
43) Isopropyl Acetate	8.289	43	5544	4.088	ug/l	98
44) Trichloroethene	8.959	130	8369	5.017	ug/l	90
45) 1,2-Dichloropropane	9.234	63	6813	4.689	ug/l	95
46) Dibromomethane	9.325	93	3604	4.451	ug/l	96
47) Bromodichloromethane	9.508	83	10254	4.952	ug/l #	98
48) Methyl methacrylate	9.313	41	2408	4.386	ug/l	95
49) 1,4-Dioxane	9.313	88	659	83.641	ug/l #	91
51) 4-Methyl-2-Pentanone	10.087	43	13187	20.448	ug/l	93
52) Toluene	10.258	92	17835	4.526	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	7462	4.121	ug/l	93
54) cis-1,3-Dichloropropene	9.947	75	9585	4.333	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	4583	4.424	ug/l	93
56) Ethyl methacrylate	10.526	69	4234	4.128	ug/l	92
57) 1,3-Dichloropropane	10.807	76	7828	4.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	11169	24.806	ug/l	100
59) 2-Hexanone	10.849	43	8152	22.293	ug/l	91
60) Dibromochloromethane	10.996	129	6445	4.652	ug/l	100
61) 1,2-Dibromoethane	11.105	107	4336	4.459	ug/l	99
64) Tetrachloroethene	10.733	164	9451	5.300	ug/l	96
65) Chlorobenzene	11.532	112	20195	4.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	6456	4.658	ug/l	97
67) Ethyl Benzene	11.611	91	32692	4.586	ug/l	96
68) m/p-Xylenes	11.715	106	24501	8.860	ug/l	99
69) o-Xylene	12.044	106	10862	4.302	ug/l	98
70) Styrene	12.062	104	17040	4.055	ug/l	97
71) Bromoform	12.221	173	3301	4.522	ug/l #	92
73) Isopropylbenzene	12.343	105	29210	4.672	ug/l	99
74) N-amyl acetate	12.160	43	3858	5.178	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	4181	4.343	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	5604	7.141	ug/l #	100
77) Bromobenzene	12.623	156	6816	4.788	ug/l	98
78) n-propylbenzene	12.684	91	35133	4.642	ug/l	99
79) 2-Chlorotoluene	12.770	91	19822	4.776	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	21821	4.458	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	1369	4.137	ug/l	98
82) 4-Chlorotoluene	12.867	91	20052	4.709	ug/l	97
83) tert-Butylbenzene	13.093	119	20634	4.659	ug/l	100
84) 1,2,4-Trimethylbenzene	13.135	105	20664	4.307	ug/l	97
85) sec-Butylbenzene	13.270	105	30966	4.665	ug/l	98
86) p-Isopropyltoluene	13.385	119	24557	4.455	ug/l	98
87) 1,3-Dichlorobenzene	13.385	146	14308	4.960	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	13903	5.021	ug/l	93
89) n-Butylbenzene	13.708	91	22856	4.584	ug/l	97
90) Hexachloroethane	13.977	117	6060	5.391	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	11967	5.008	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	392	3.000	ug/l	83
93) 1,2,4-Trichlorobenzene	15.025	180	4939	4.267	ug/l	98
94) Hexachlorobutadiene	15.129	225	4066	5.472	ug/l	95
95) Naphthalene	15.257	128	5977	5.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	4139	4.331	ug/l	97

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Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 03:33:45 2024
Response via : Initial Calibration

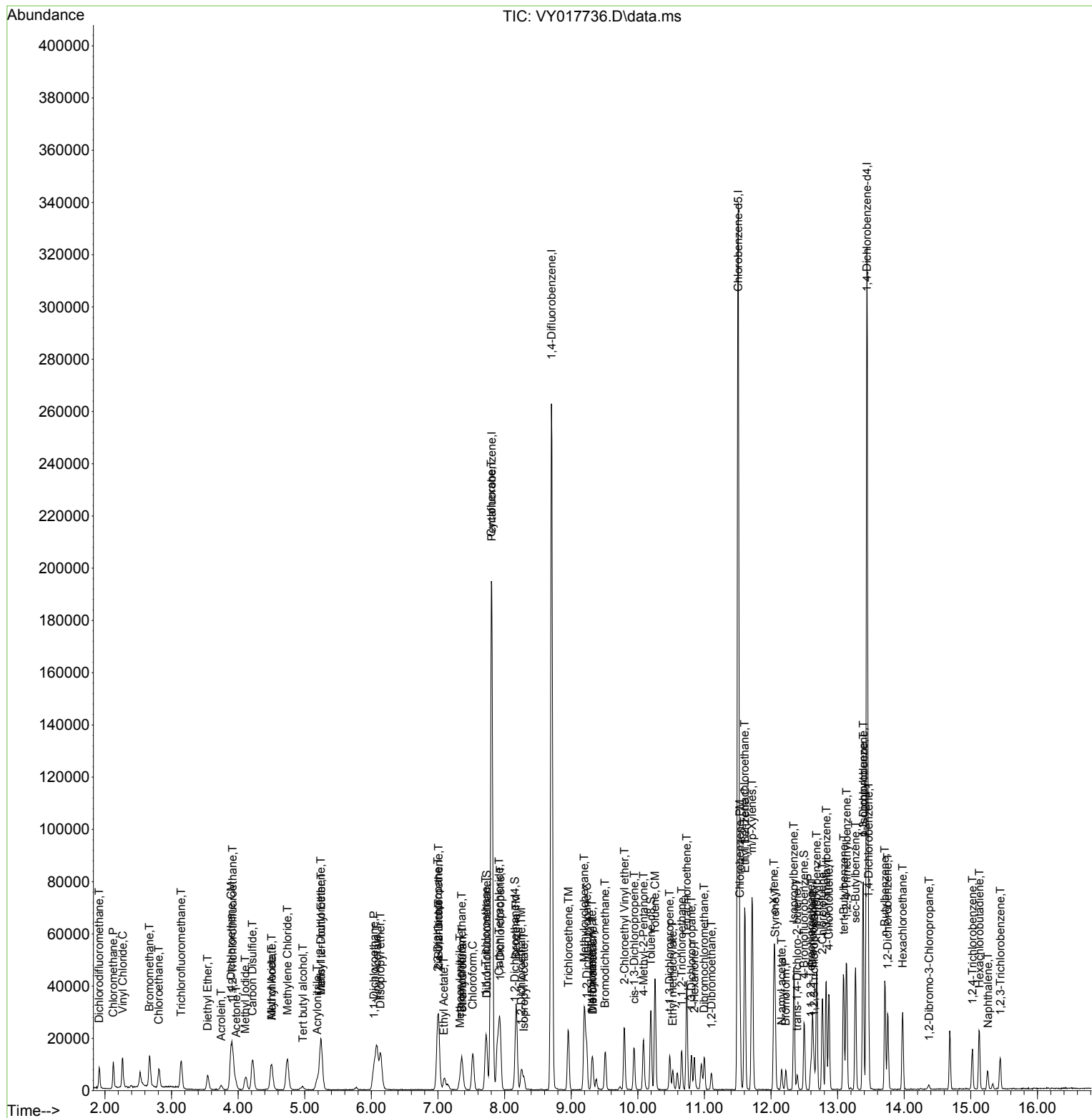
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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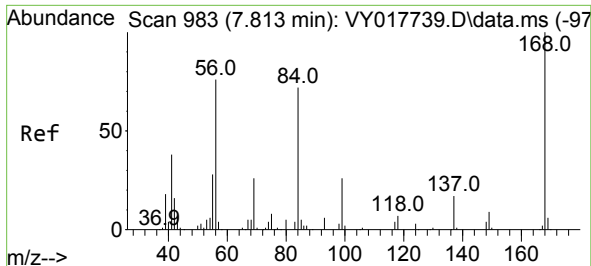
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
Data File : VY017736.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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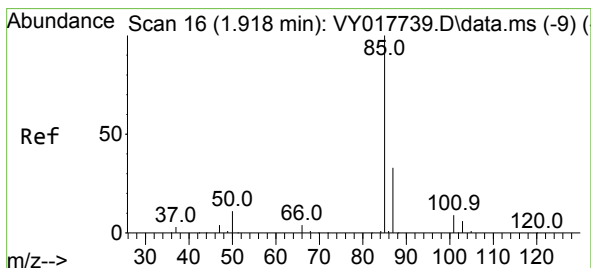
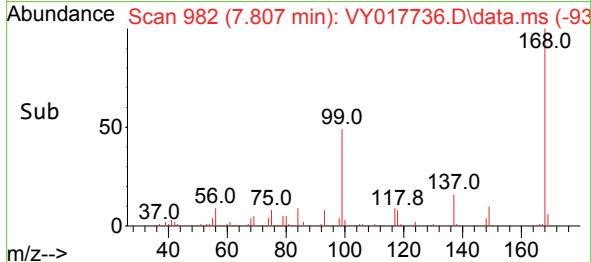
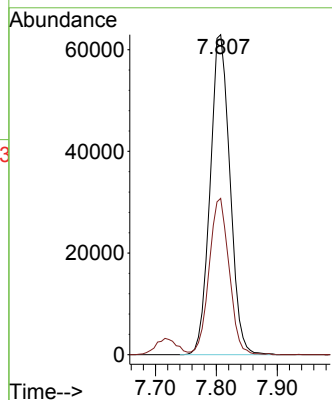
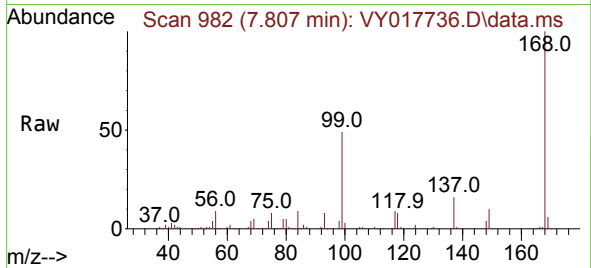




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017736.D
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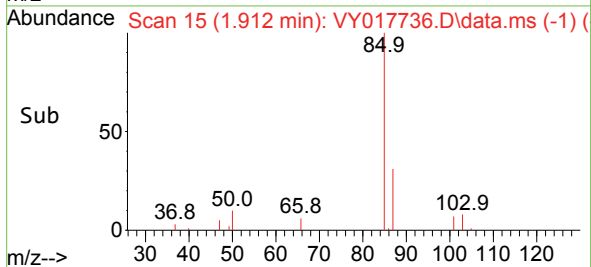
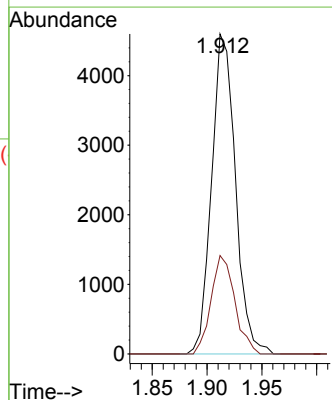
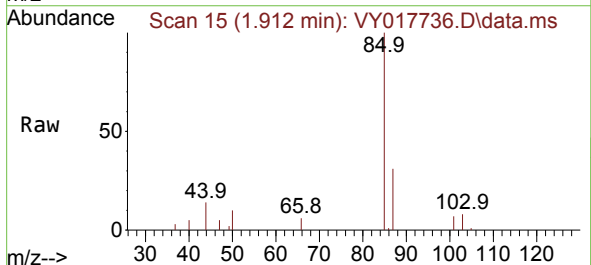
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

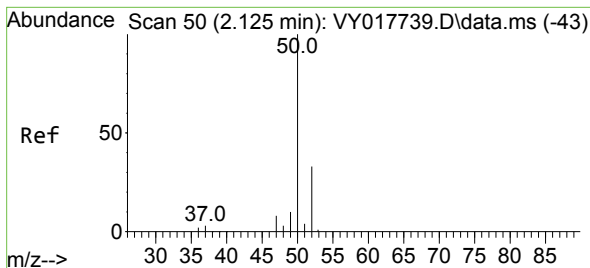
Tgt Ion:168 Resp: 142441
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 5.641 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 85 Resp: 6937
Ion Ratio Lower Upper
85 100
87 30.8 16.0 48.0





#3

Chloromethane

Concen: 5.376 ug/l

RT: 2.125 min Scan# 50

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

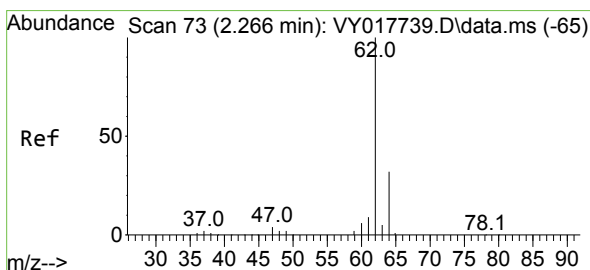
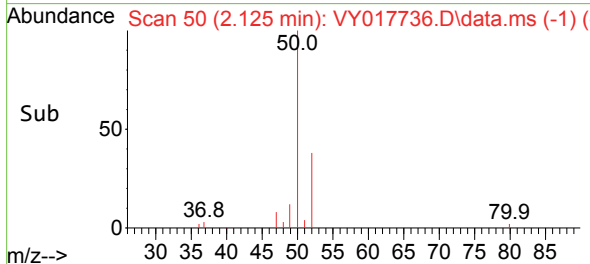
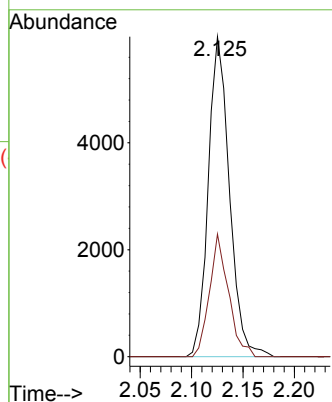
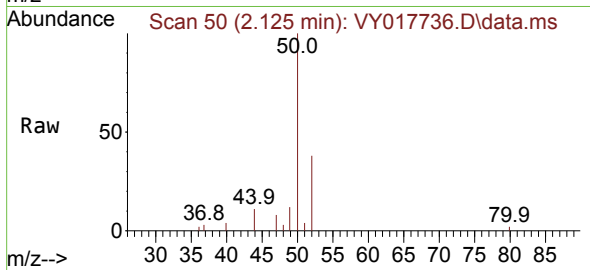
VSTDICC005

Tgt Ion: 50 Resp: 8564

Ion Ratio Lower Upper

50 100

52 38.3 25.6 38.4



#4

Vinyl Chloride

Concen: 5.365 ug/l

RT: 2.265 min Scan# 73

Delta R.T. -0.000 min

Lab File: VY017736.D

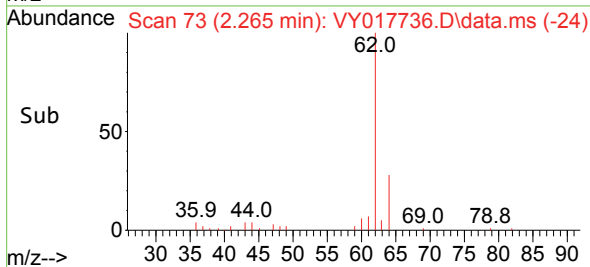
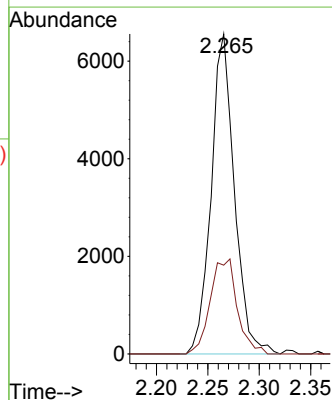
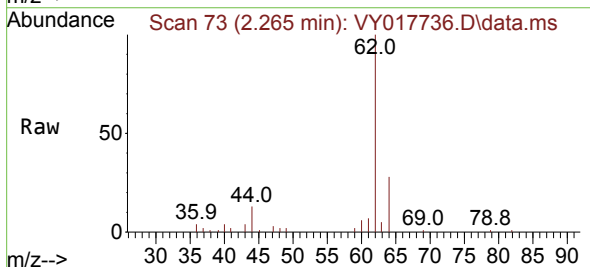
Acq: 22 Mar 2024 09:44

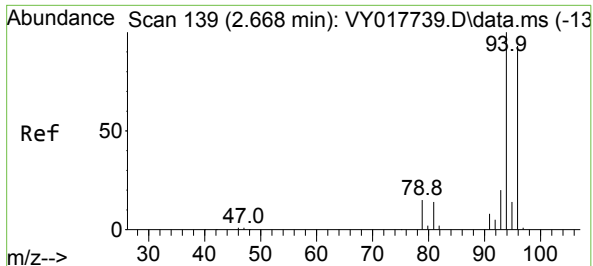
Tgt Ion: 62 Resp: 10334

Ion Ratio Lower Upper

62 100

64 27.8 26.1 39.1

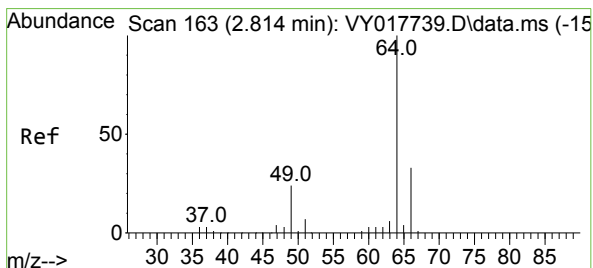
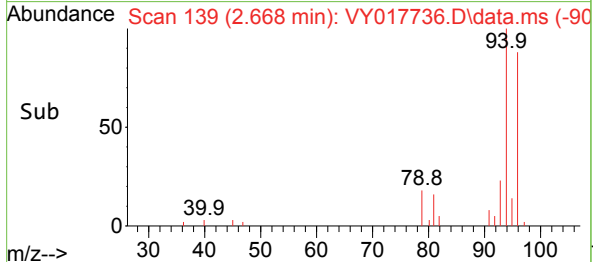
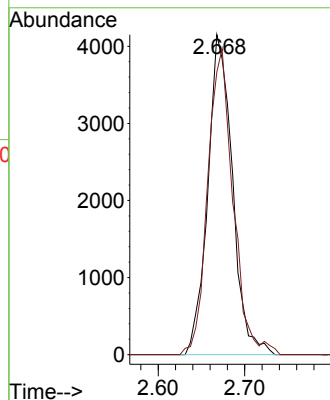
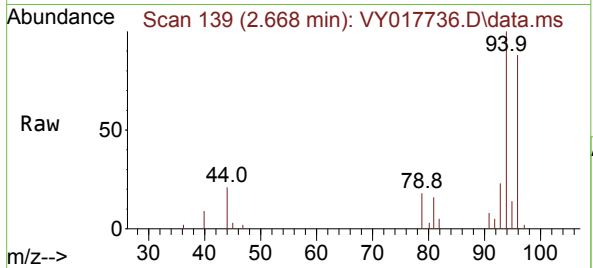




#5
Bromomethane
Concen: 5.468 ug/l
RT: 2.668 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

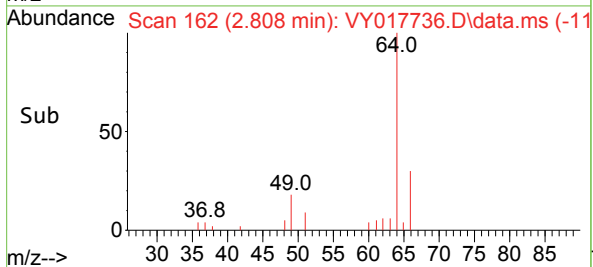
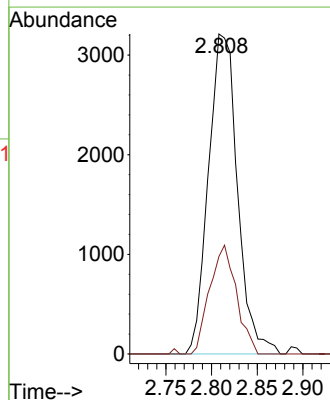
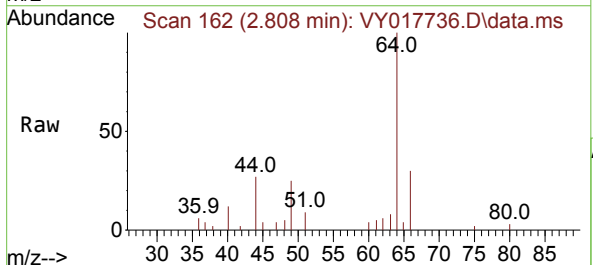
Instrument :
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ClientSampleId :
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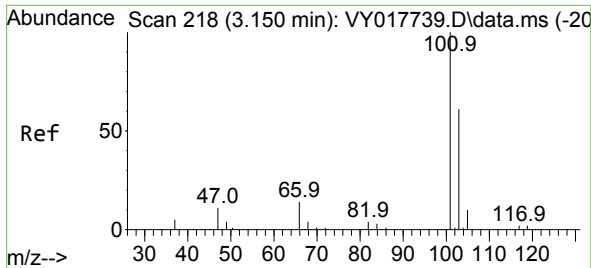
Tgt Ion: 94 Resp: 8224
Ion Ratio Lower Upper
94 100
96 88.4 74.1 111.1



#6
Chloroethane
Concen: 5.512 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 64 Resp: 7096
Ion Ratio Lower Upper
64 100
66 30.4 26.1 39.1

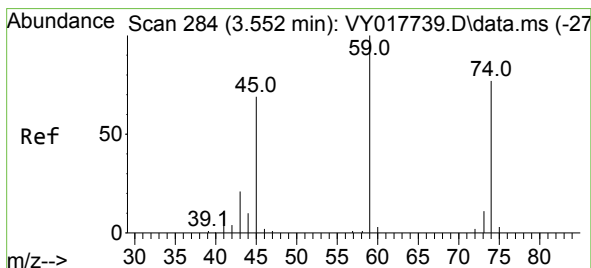
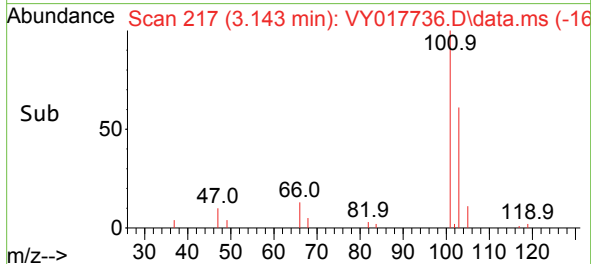
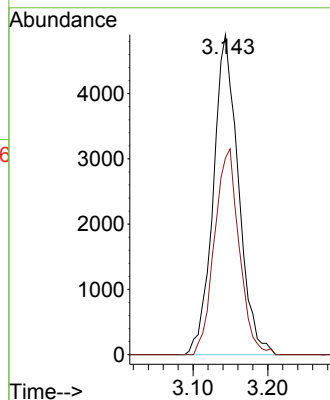
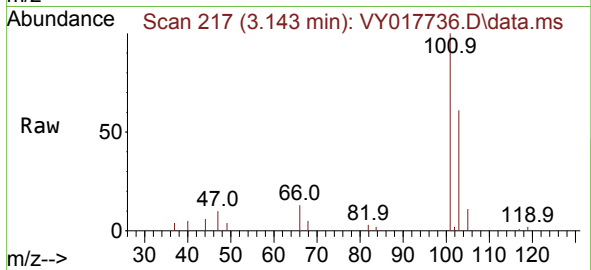




#7
Trichlorofluoromethane
Concen: 5.648 ug/l
RT: 3.143 min Scan# 218
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

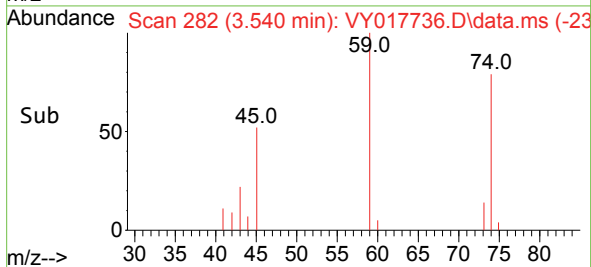
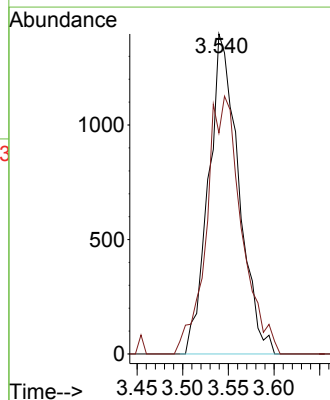
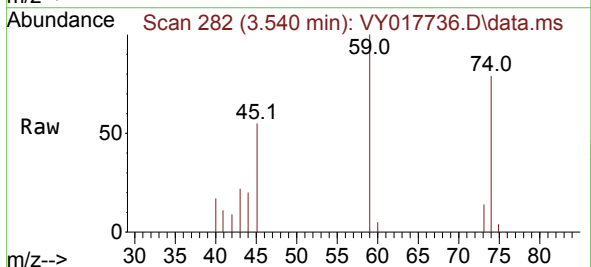
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

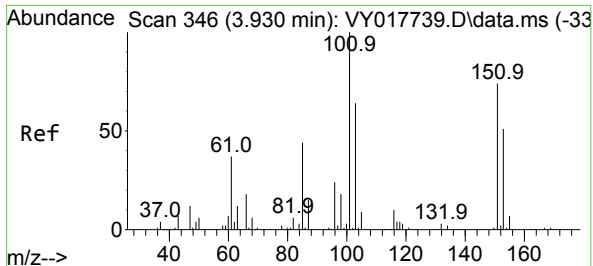
Tgt Ion:101 Resp: 11467
Ion Ratio Lower Upper
101 100
103 61.5 49.3 73.9



#8
Diethyl Ether
Concen: 4.778 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.012 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 74 Resp: 3198
Ion Ratio Lower Upper
74 100
45 94.0 41.3 124.1

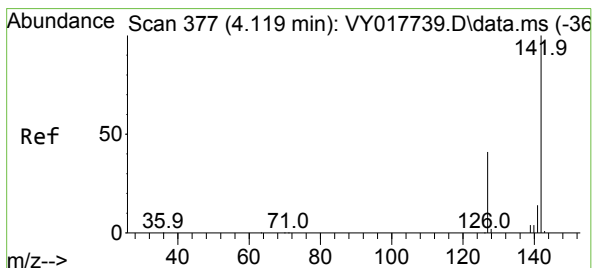
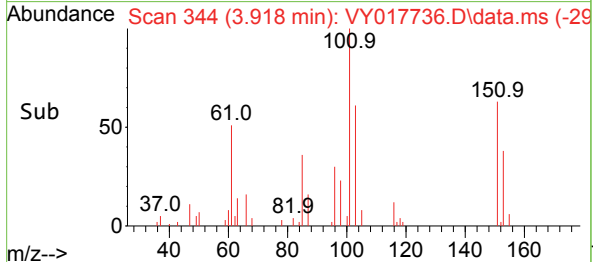
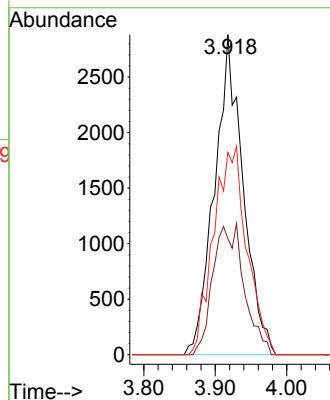
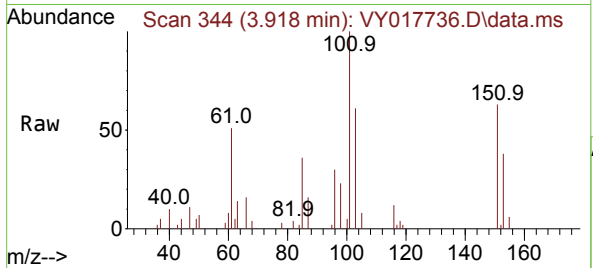




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.535 ug/l
RT: 3.918 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

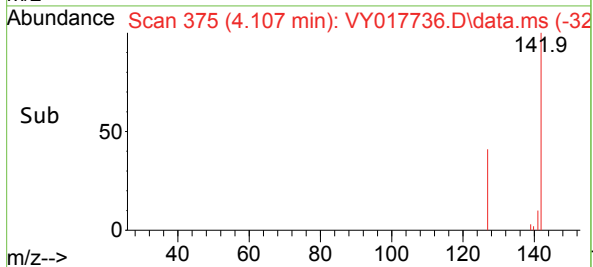
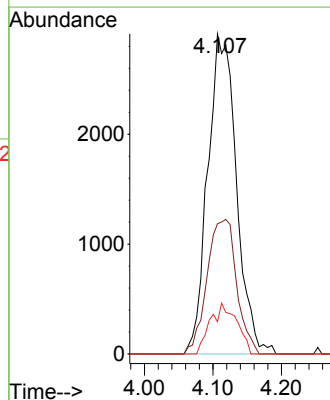
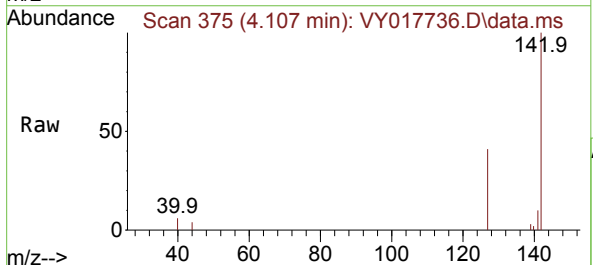
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

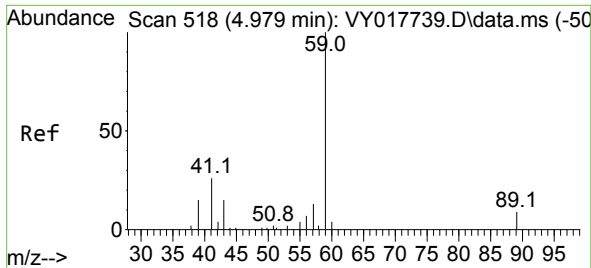
Tgt Ion:101 Resp: 7999
Ion Ratio Lower Upper
101 100
85 44.5 34.5 51.7
151 75.9 61.7 92.5



#10
Methyl Iodide
Concen: 4.792 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.012 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion:142 Resp: 8465
Ion Ratio Lower Upper
142 100
127 43.4 32.8 49.2
141 14.6 11.4 17.2

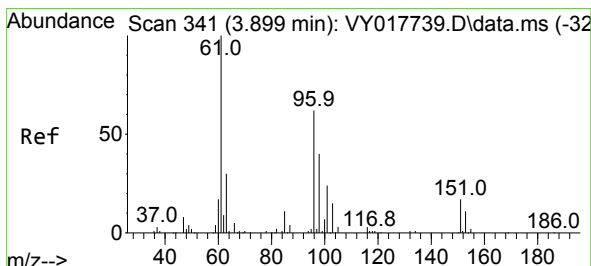
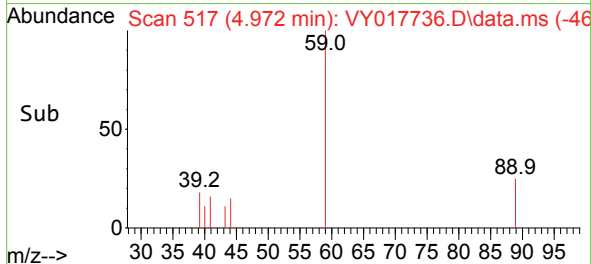
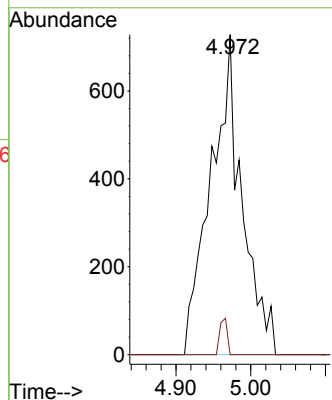
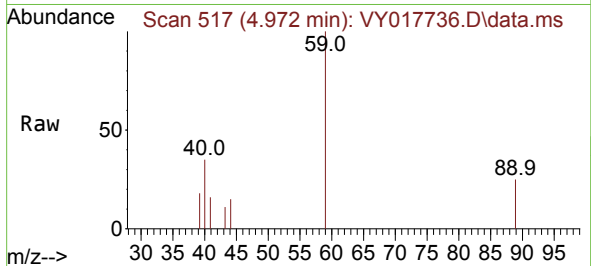




#11
Tert butyl alcohol
Concen: 25.539 ug/l
RT: 4.972 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

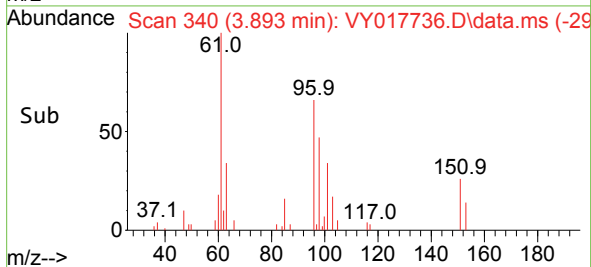
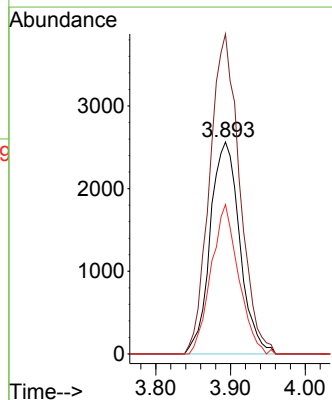
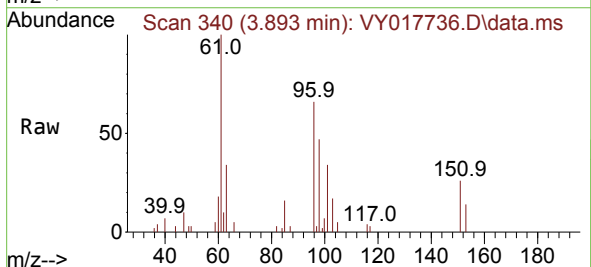
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

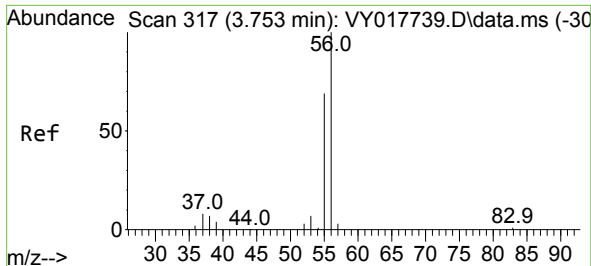
Tgt Ion: 59 Resp: 2108
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 5.174 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 96 Resp: 7033
Ion Ratio Lower Upper
96 100
61 150.9 114.6 171.8
98 70.4 50.8 76.2





#13

Acrolein

Concen: 21.720 ug/l

RT: 3.747 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

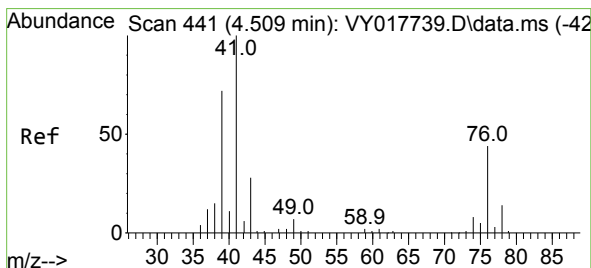
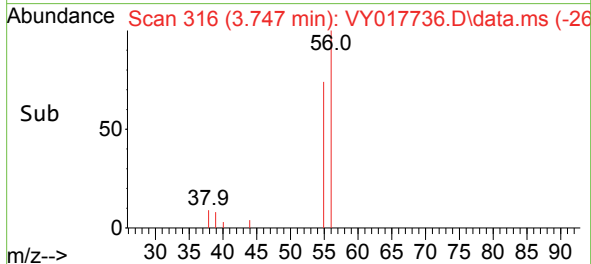
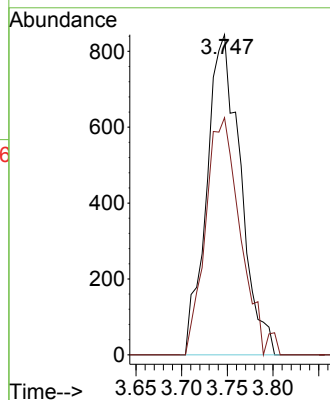
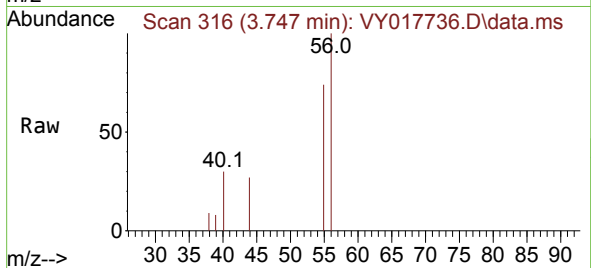
VSTDICC005

Tgt Ion: 56 Resp: 2161

Ion Ratio Lower Upper

56 100

55 76.8 55.7 83.5



#14

Allyl chloride

Concen: 4.613 ug/l

RT: 4.503 min Scan# 440

Delta R.T. -0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

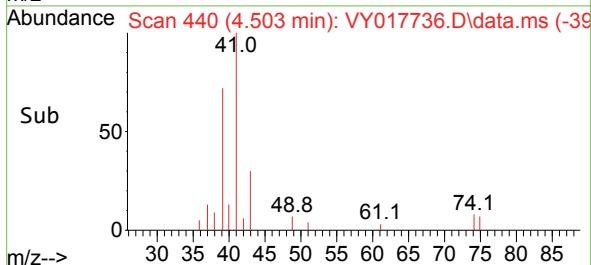
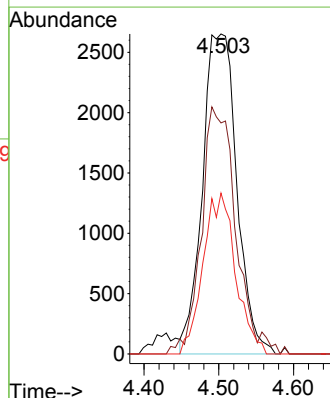
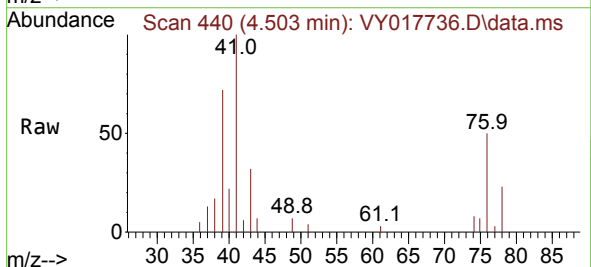
Tgt Ion: 41 Resp: 8499

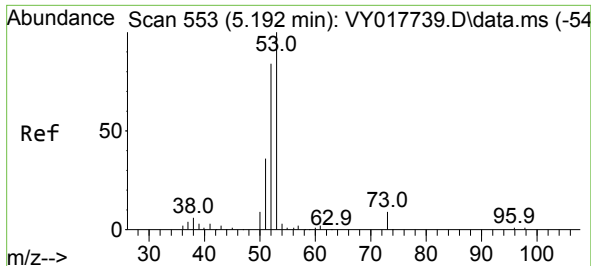
Ion Ratio Lower Upper

41 100

39 77.0 58.3 87.5

76 47.3 39.0 58.6

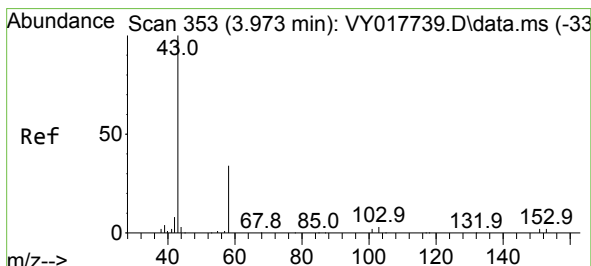
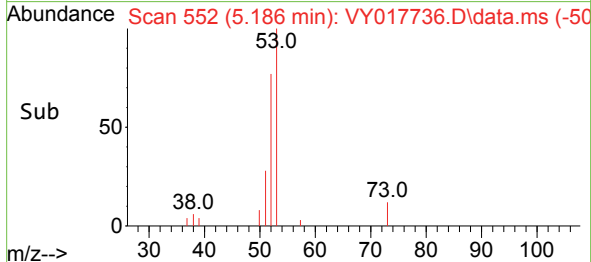
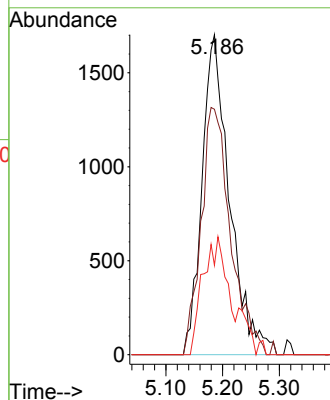
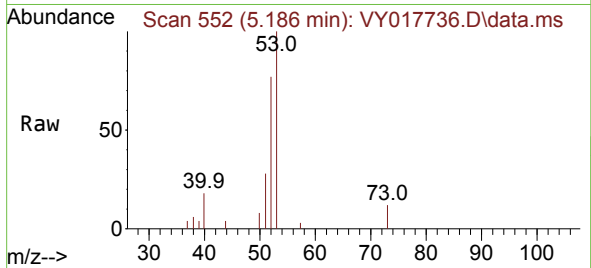




#15
Acrylonitrile
Concen: 20.723 ug/l
RT: 5.186 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

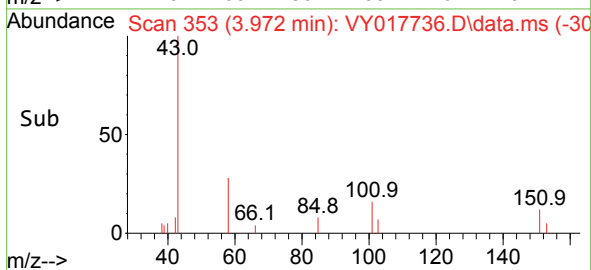
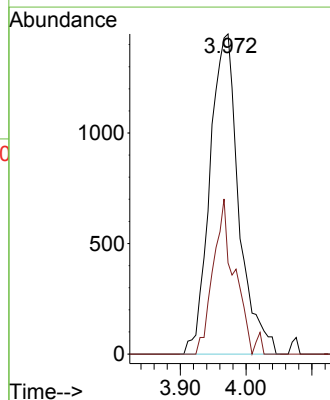
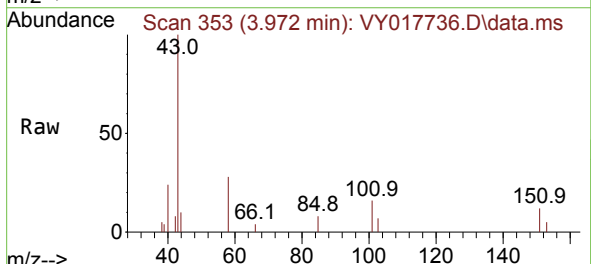
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

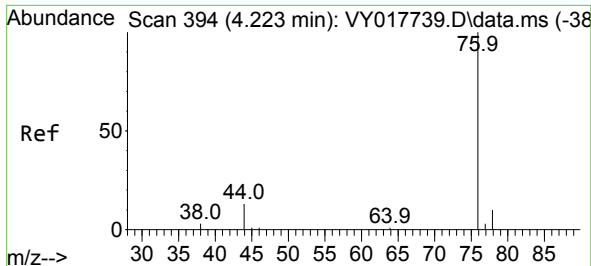
Tgt Ion: 53 Resp: 5746
Ion Ratio Lower Upper
53 100
52 82.4 64.7 97.1
51 32.3 28.4 42.6



#16
Acetone
Concen: 20.378 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 43 Resp: 4423
Ion Ratio Lower Upper
43 100
58 28.5 31.7 47.5#





#17

Carbon Disulfide

Concen: 5.307 ug/l

RT: 4.216 min Scan# 394

Delta R.T. -0.006 min

Lab File: VY017736.D

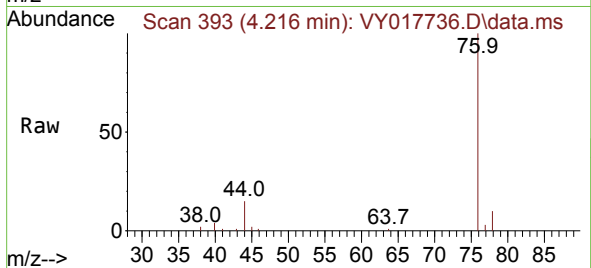
Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

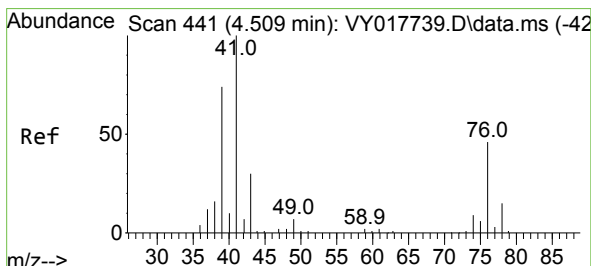
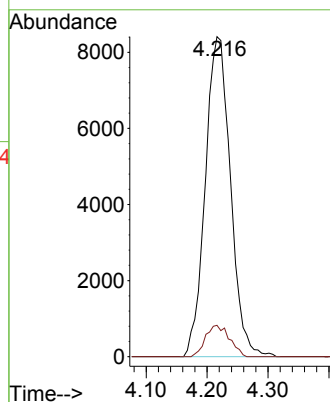


Tgt Ion: 76 Resp: 24141

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2



#18

Methyl Acetate

Concen: 4.125 ug/l

RT: 4.503 min Scan# 440

Delta R.T. -0.006 min

Lab File: VY017736.D

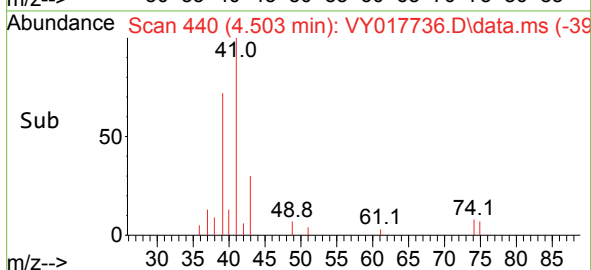
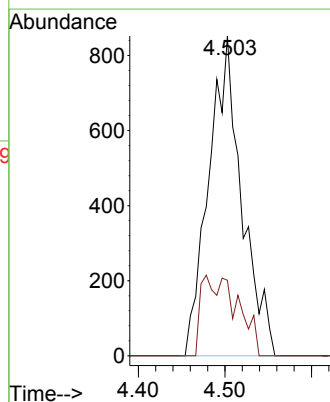
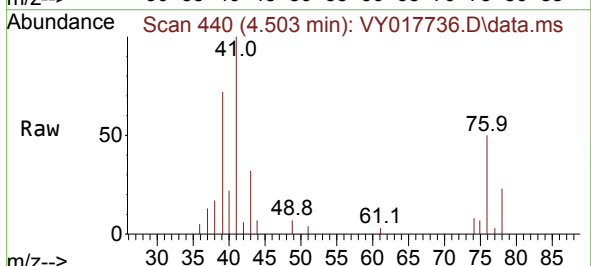
Acq: 22 Mar 2024 09:44

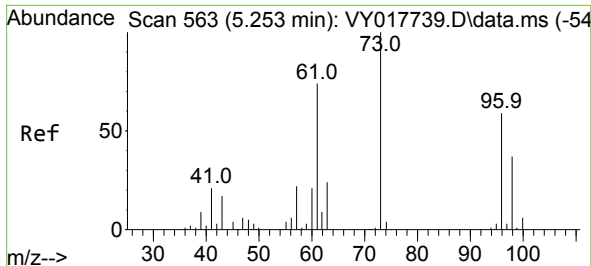
Tgt Ion: 43 Resp: 2254

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#

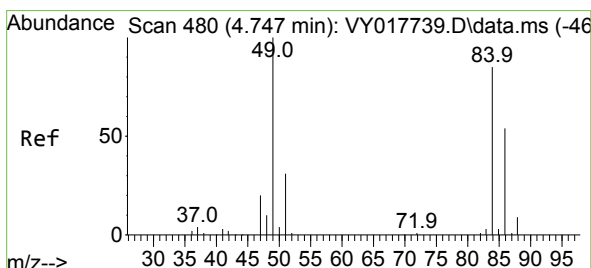
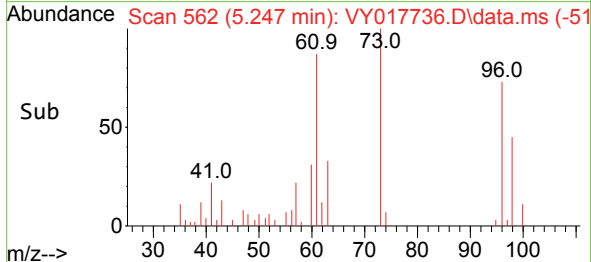
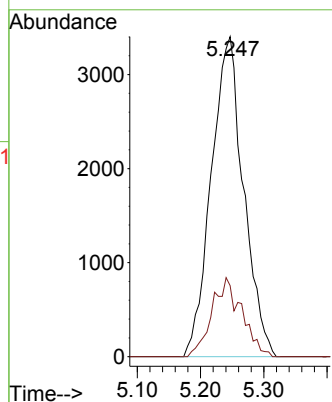
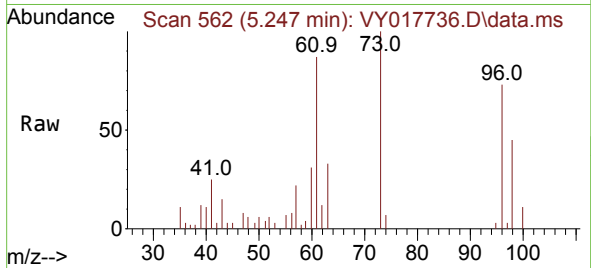




#19
Methyl tert-butyl Ether
Concen: 4.112 ug/l
RT: 5.247 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

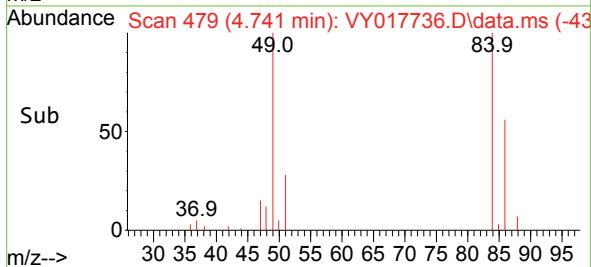
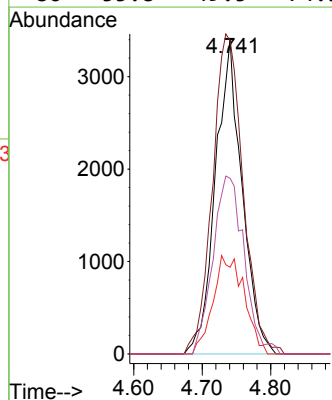
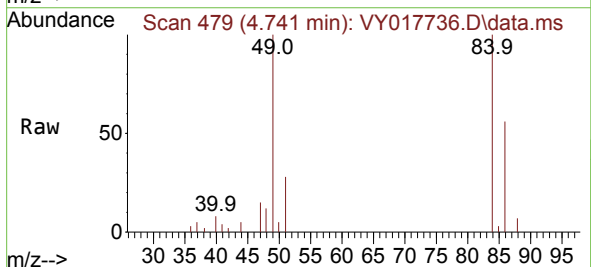
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

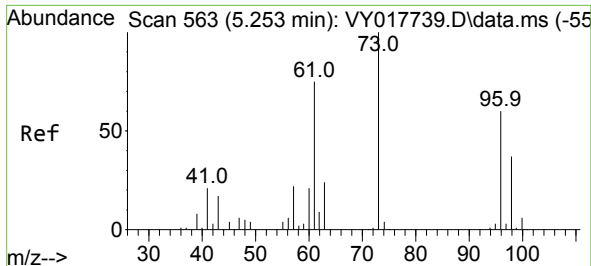
Tgt Ion: 73 Resp: 12052
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 5.802 ug/l
RT: 4.741 min Scan# 479
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 84 Resp: 9158
Ion Ratio Lower Upper
84 100
49 99.6 84.4 126.6
51 27.6 26.0 39.0
86 55.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 5.154 ug/l

RT: 5.240 min Scan# 5

Delta R.T. -0.012 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

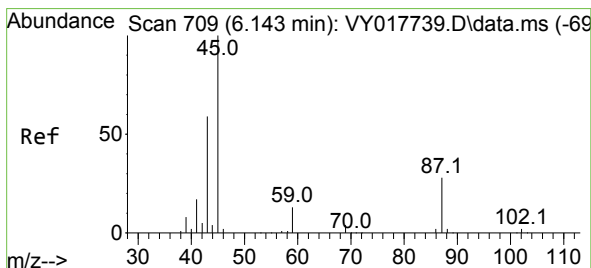
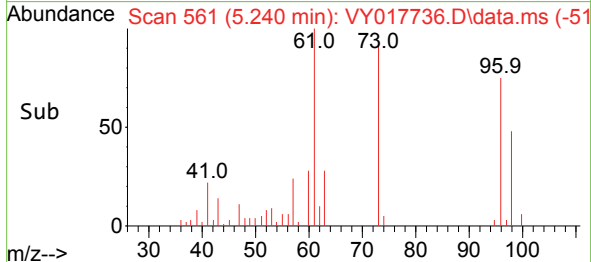
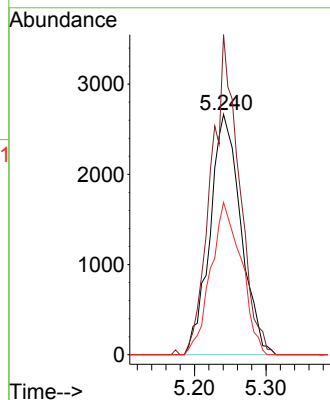
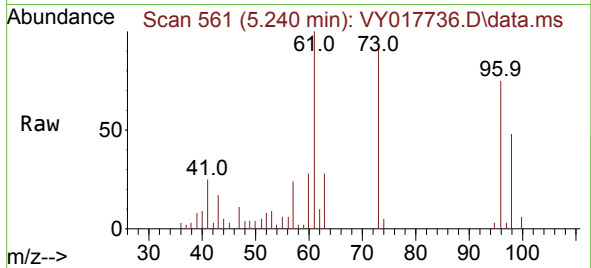
Tgt Ion: 96 Resp: 7988

Ion Ratio Lower Upper

96 100

61 133.2 97.5 146.3

98 63.3 50.5 75.7



#22

Diisopropyl ether

Concen: 4.268 ug/l

RT: 6.137 min Scan# 708

Delta R.T. -0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Tgt Ion: 45 Resp: 17121

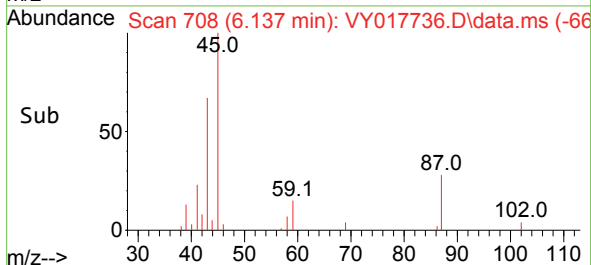
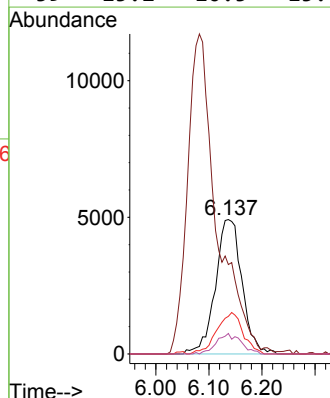
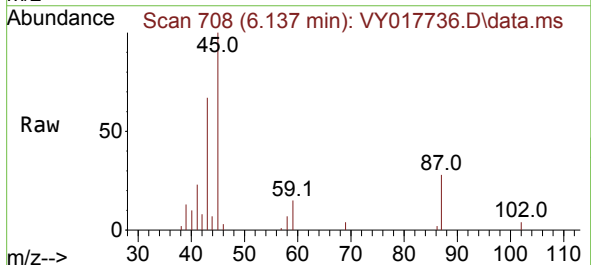
Ion Ratio Lower Upper

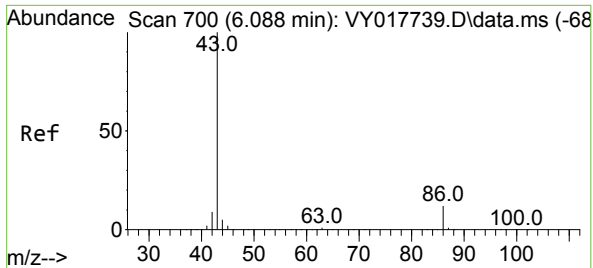
45 100

43 64.7 42.2 63.2#

87 27.9 25.0 37.6

59 15.2 10.5 15.7

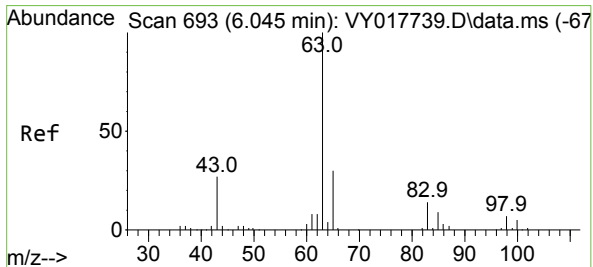
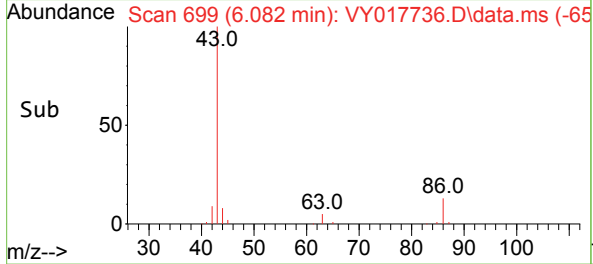
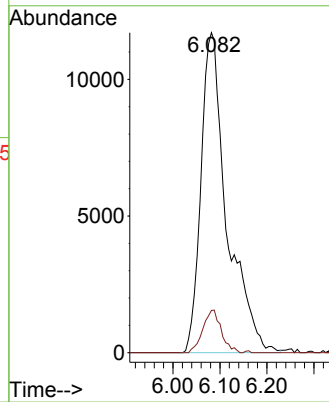
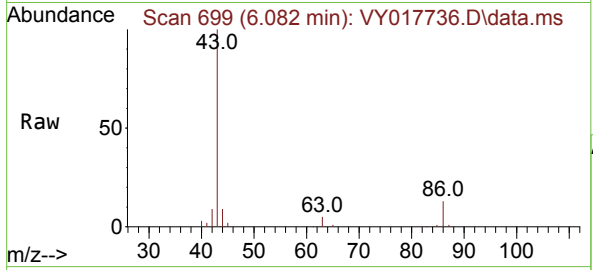




#23
 Vinyl Acetate
 Concen: 19.042 ug/l
 RT: 6.082 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017736.D
 Acq: 22 Mar 2024 09:44

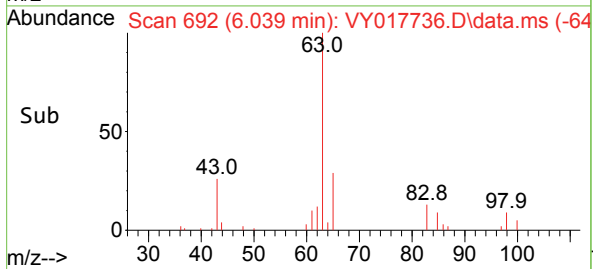
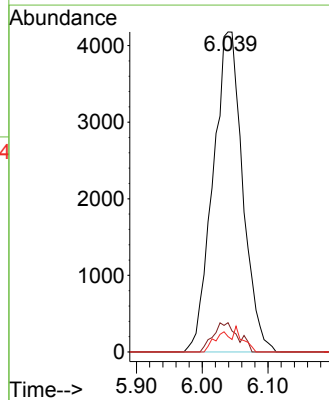
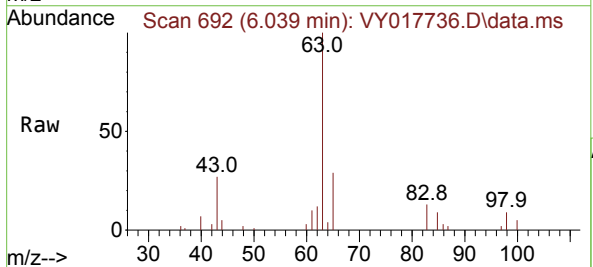
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

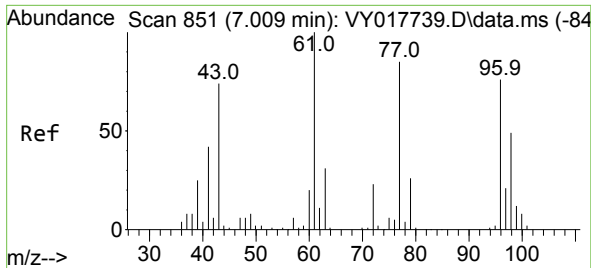
Tgt Ion: 43 Resp: 44864
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 4.992 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VY017736.D
 Acq: 22 Mar 2024 09:44

Tgt Ion: 63 Resp: 13161
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 24.071 ug/l

RT: 7.008 min Scan# 8

Delta R.T. -0.001 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

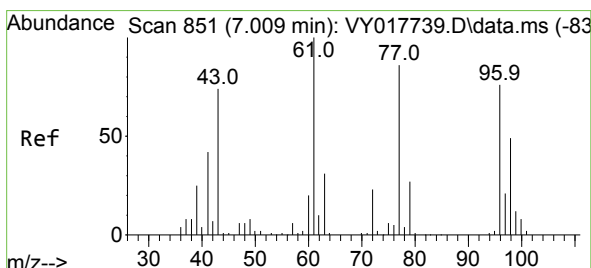
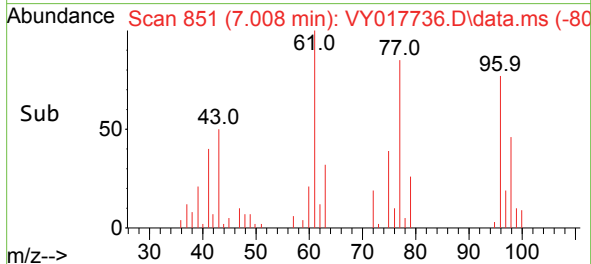
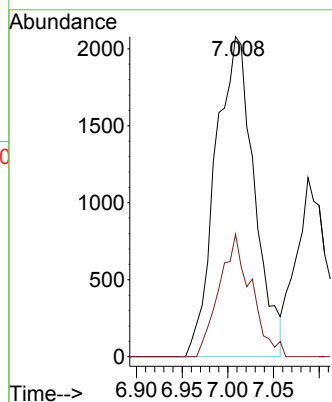
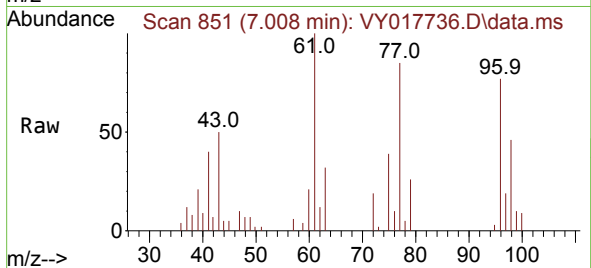
VSTDIC005

Tgt Ion: 43 Resp: 6132

Ion Ratio Lower Upper

43 100

72 38.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 5.069 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY017736.D

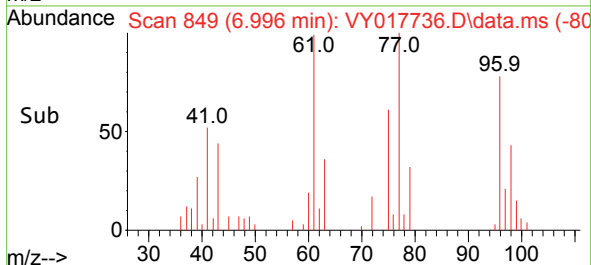
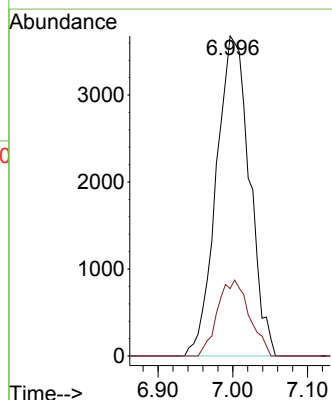
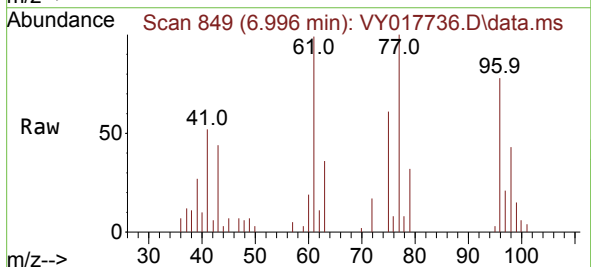
Acq: 22 Mar 2024 09:44

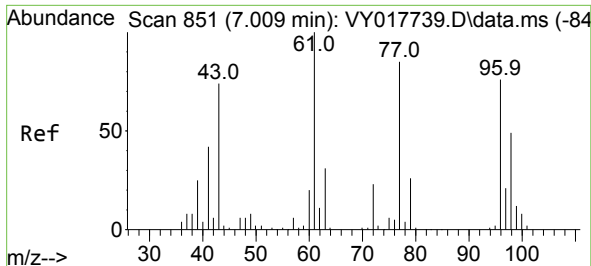
Tgt Ion: 77 Resp: 11360

Ion Ratio Lower Upper

77 100

97 22.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 4.873 ug/l

RT: 7.008 min Scan# 851

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

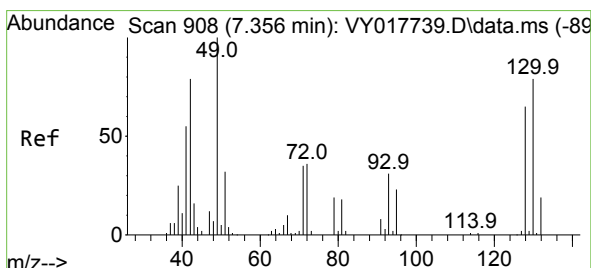
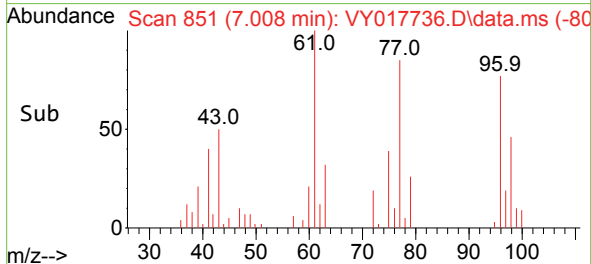
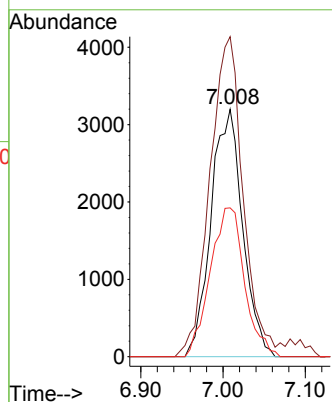
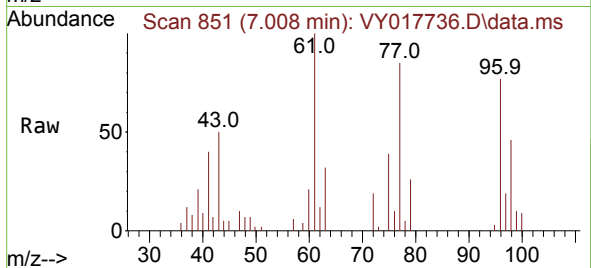
Tgt Ion: 96 Resp: 8543

Ion Ratio Lower Upper

96 100

61 136.7 0.0 256.2

98 65.3 0.0 130.0



#28

Bromochloromethane

Concen: 4.595 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

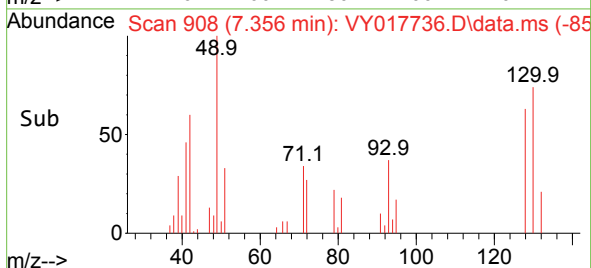
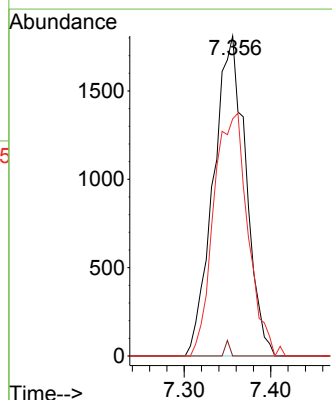
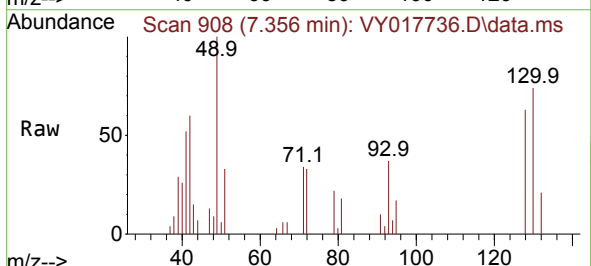
Tgt Ion: 49 Resp: 4697

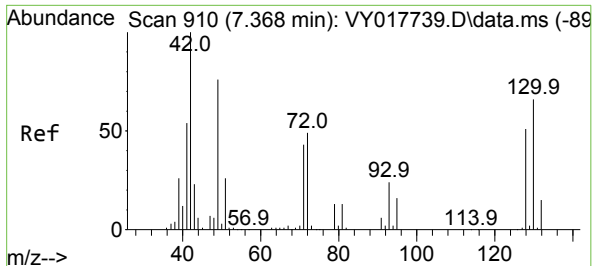
Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.6

130 80.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 20.075 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

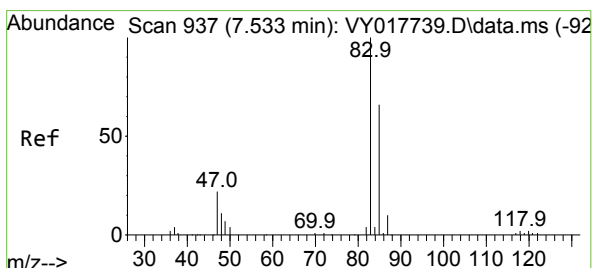
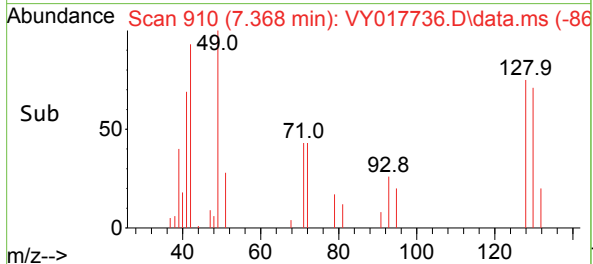
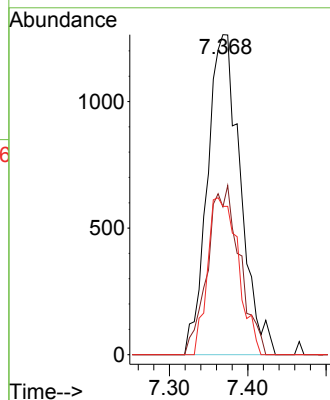
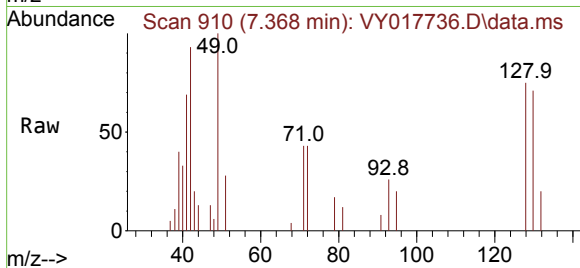
Tgt Ion: 42 Resp: 3704

Ion Ratio Lower Upper

42 100

72 51.6 43.0 64.4

71 45.5 40.8 61.2



#30

Chloroform

Concen: 5.155 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY017736.D

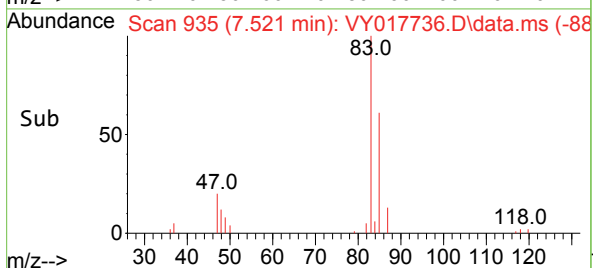
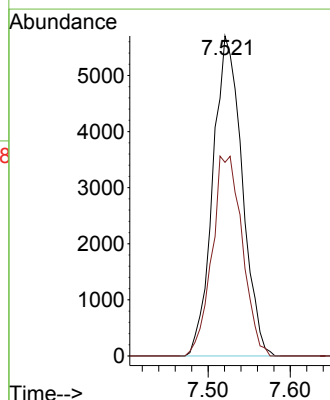
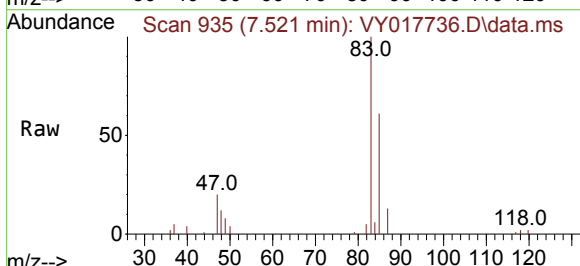
Acq: 22 Mar 2024 09:44

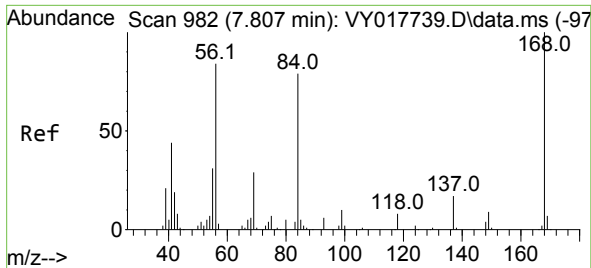
Tgt Ion: 83 Resp: 14091

Ion Ratio Lower Upper

83 100

85 60.5 52.2 78.4

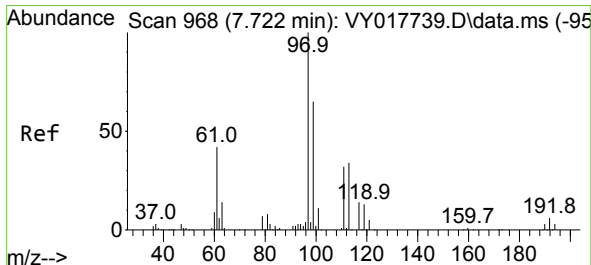
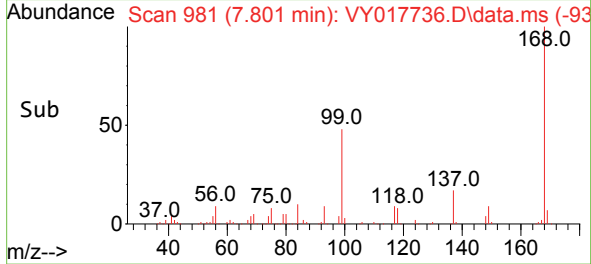
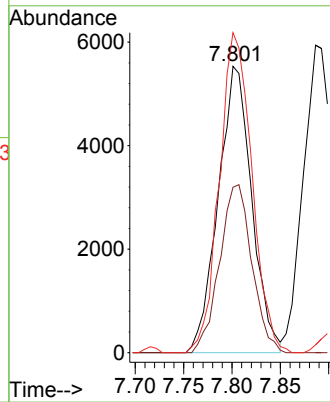
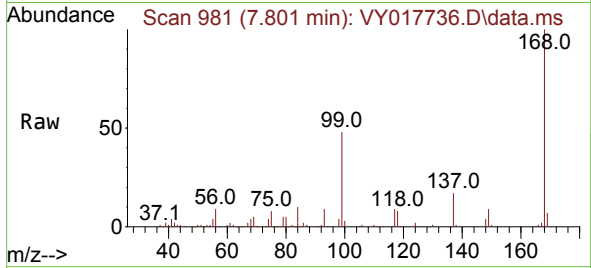




#31
Cyclohexane
Concen: 5.439 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

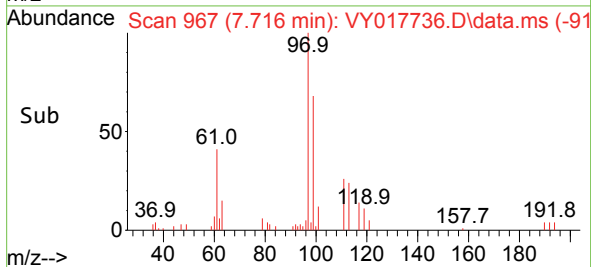
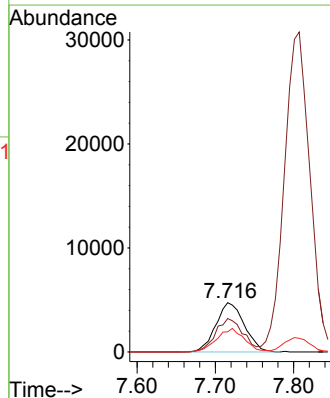
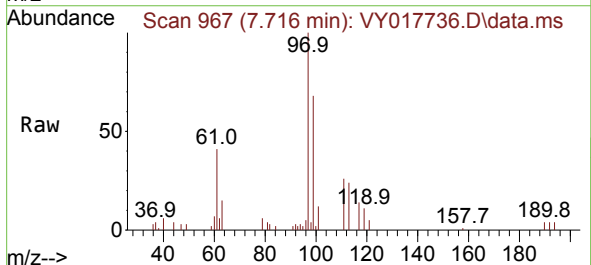
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

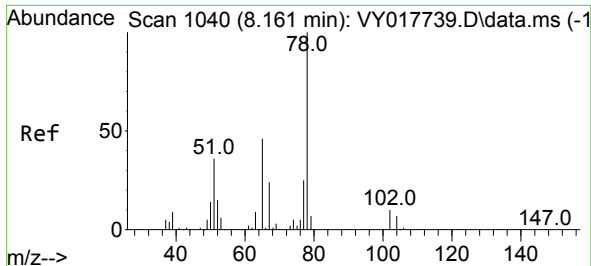
Tgt Ion: 56 Resp: 13350
Ion Ratio Lower Upper
56 100
69 57.8 28.7 43.1#
84 111.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 5.018 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 97 Resp: 11946
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 46.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 4.153 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

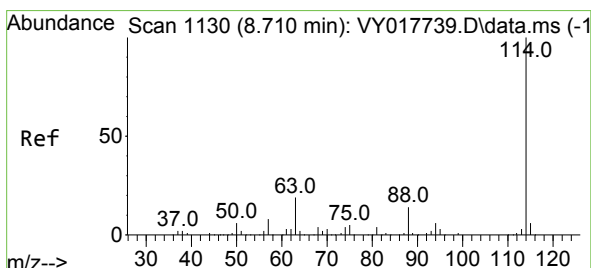
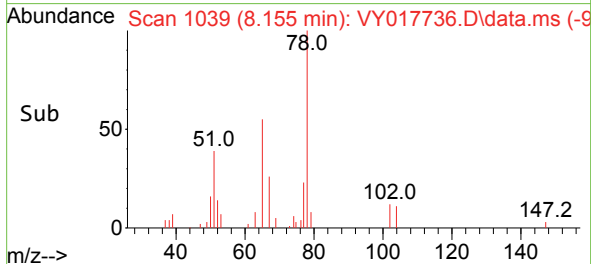
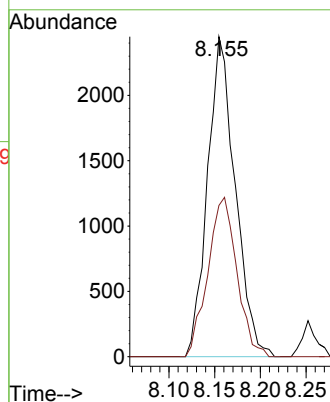
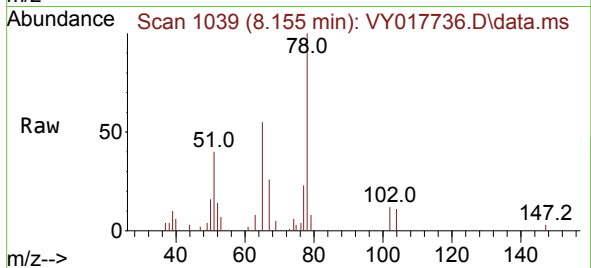
VSTDICC005

Tgt Ion: 65 Resp: 5154

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

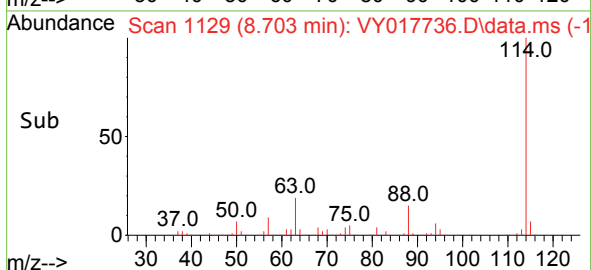
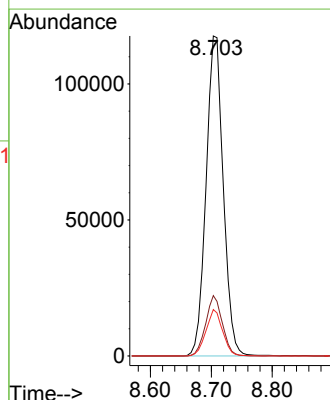
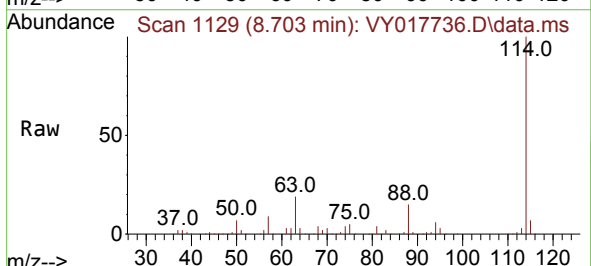
Tgt Ion: 114 Resp: 230710

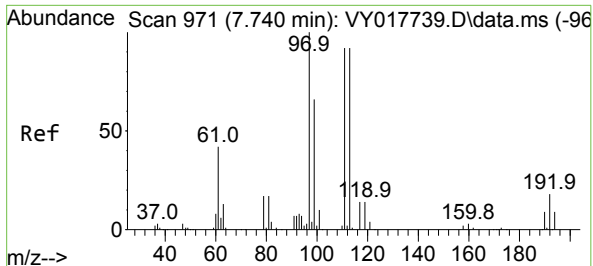
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 4.264 ug/l

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

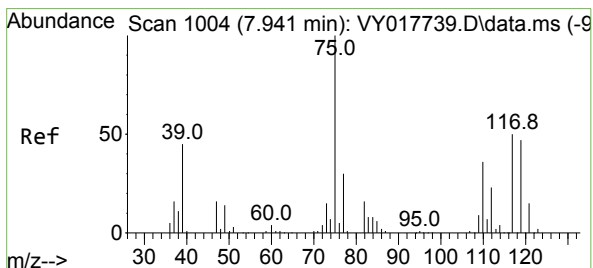
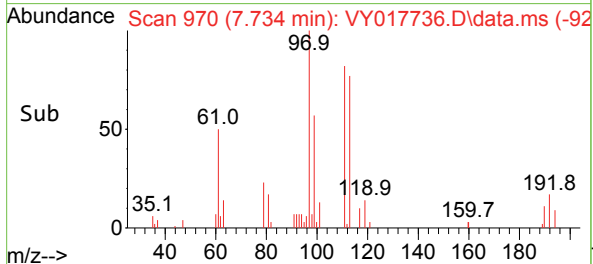
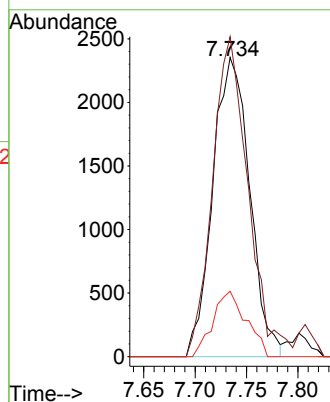
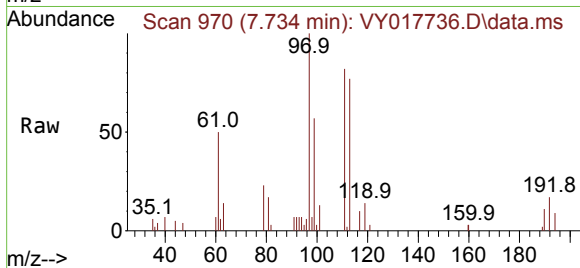
Tgt Ion:113 Resp: 5881

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 19.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.980 ug/l

RT: 7.935 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

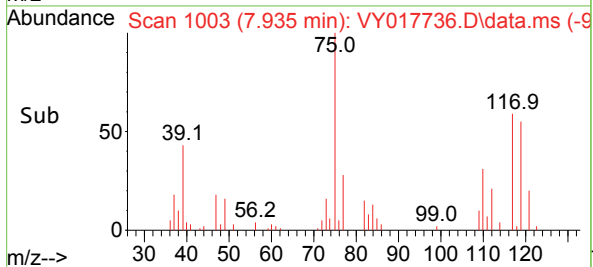
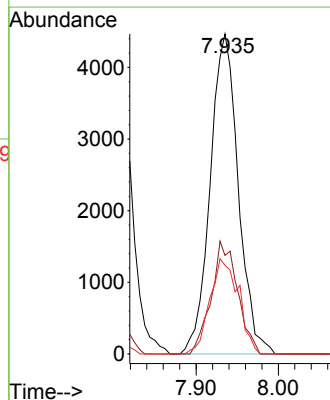
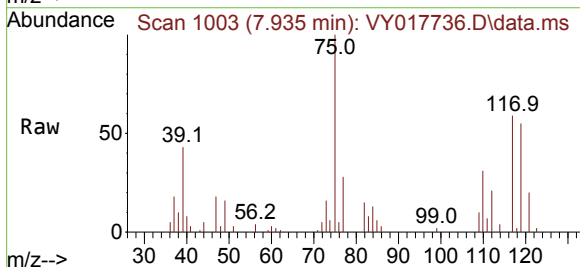
Tgt Ion: 75 Resp: 10610

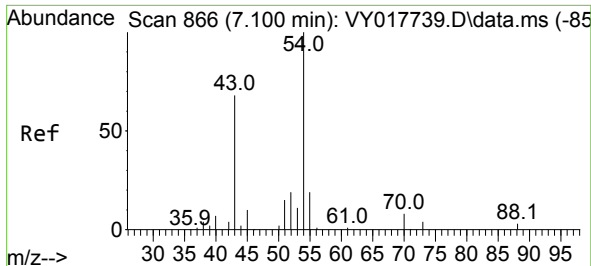
Ion Ratio Lower Upper

75 100

110 33.0 19.0 57.0

77 30.4 25.3 37.9





#37

Ethyl Acetate

Concen: 3.854 ug/l

RT: 7.088 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

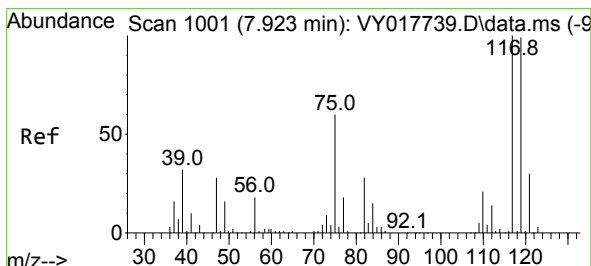
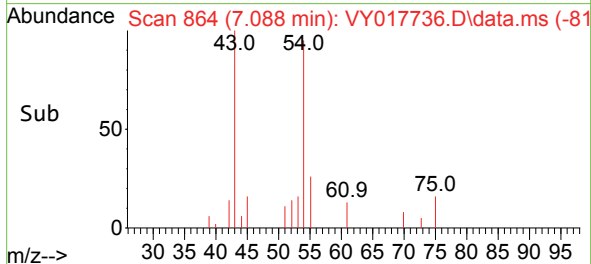
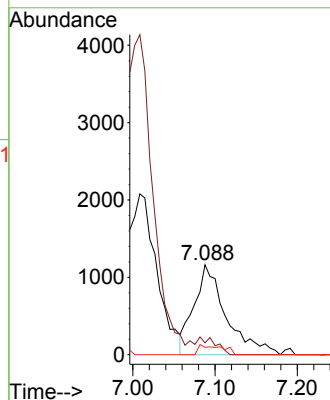
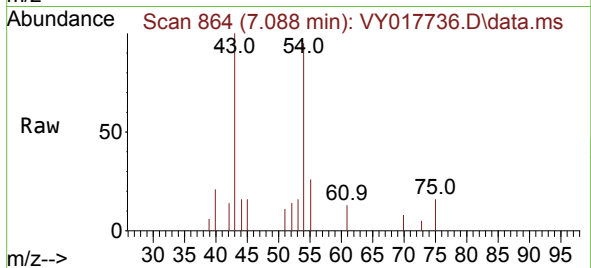
Tgt Ion: 43 Resp: 3155

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 8.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 4.929 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

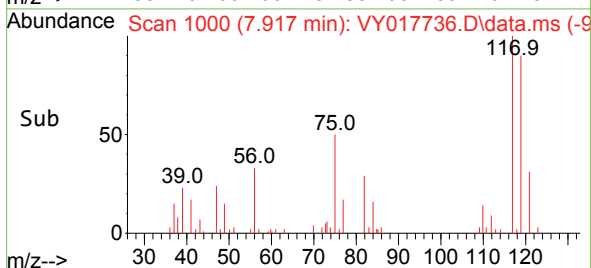
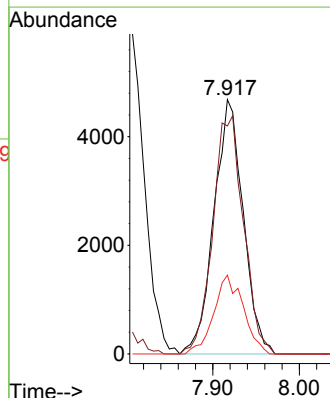
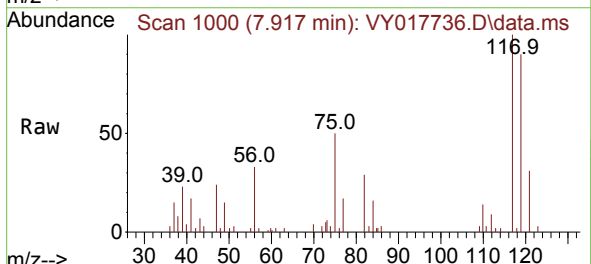
Tgt Ion: 117 Resp: 10996

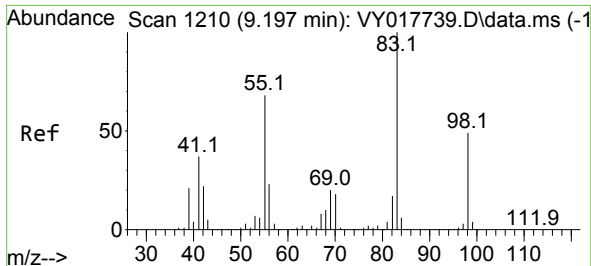
Ion Ratio Lower Upper

117 100

119 89.6 75.8 113.6

121 31.0 24.0 36.0





#39

Methylcyclohexane

Concen: 4.640 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

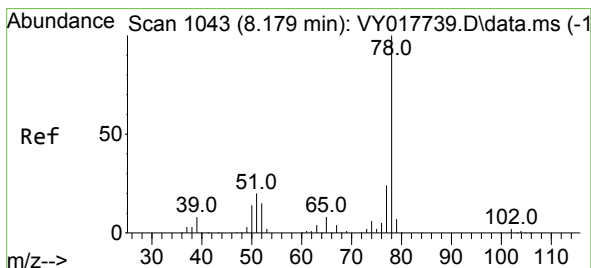
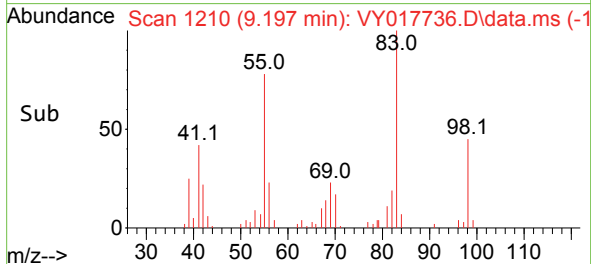
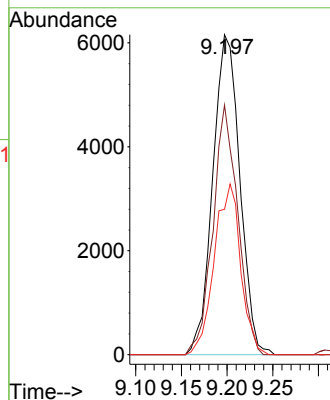
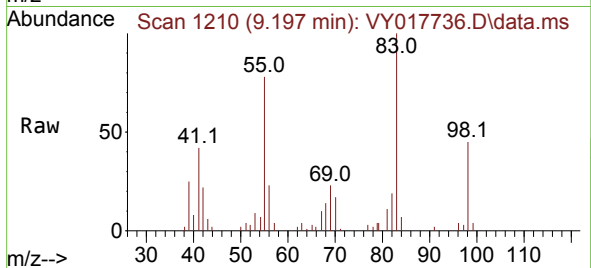
Tgt Ion: 83 Resp: 12691

Ion Ratio Lower Upper

83 100

55 78.0 51.5 77.3#

98 45.5 40.5 60.7



#40

Benzene

Concen: 4.745 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY017736.D

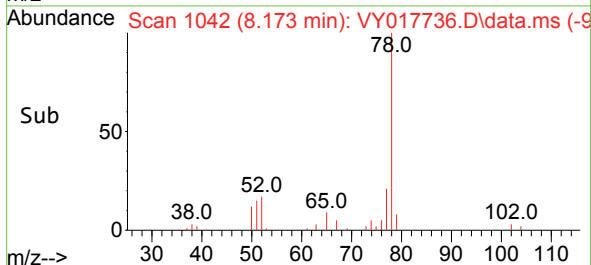
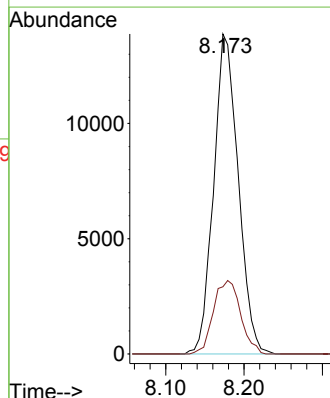
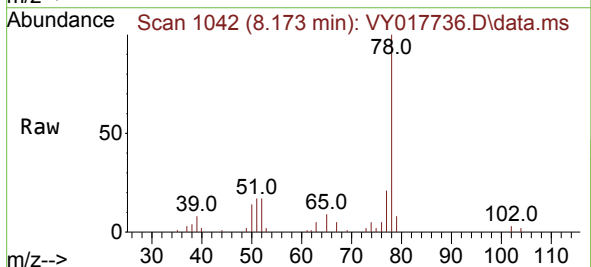
Acq: 22 Mar 2024 09:44

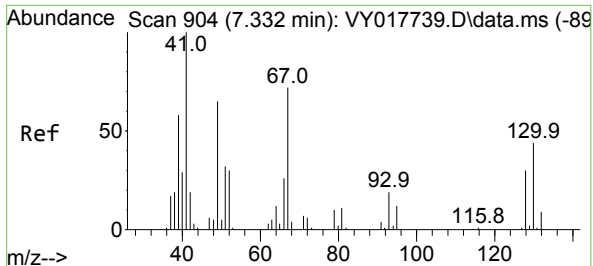
Tgt Ion: 78 Resp: 30260

Ion Ratio Lower Upper

78 100

77 21.0 19.5 29.3



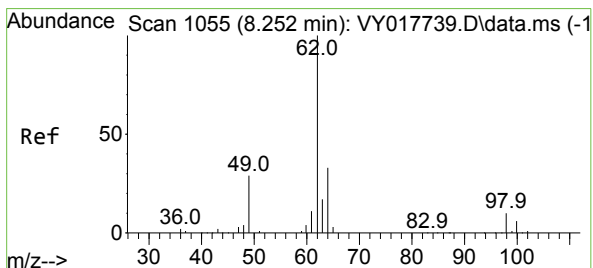
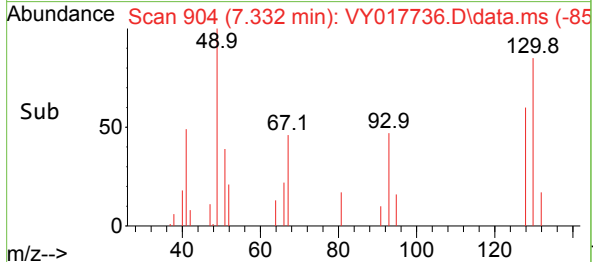
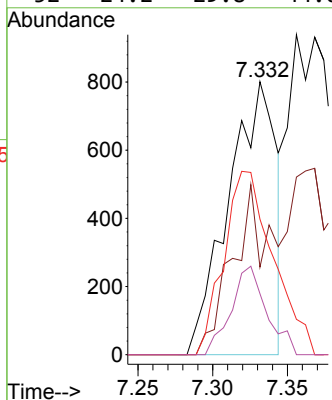
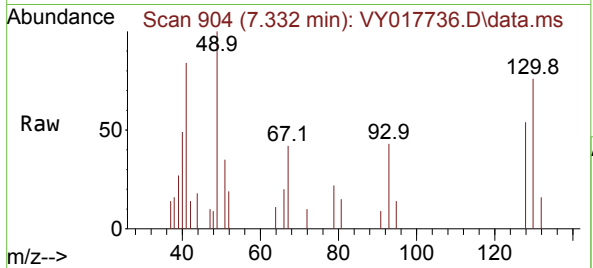


#41
Methacrylonitrile
Concen: 4.389 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 1775

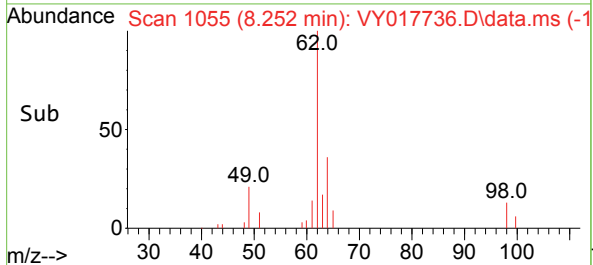
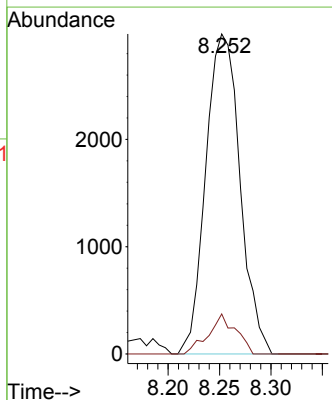
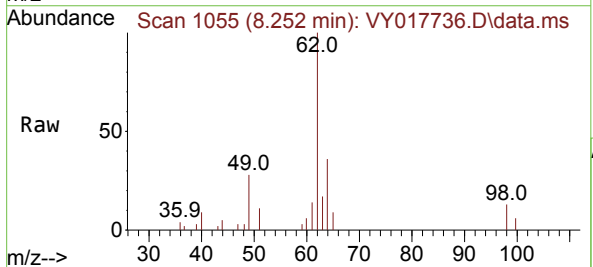
Ion	Ratio	Lower	Upper
41	100		
39	49.7	48.0	72.0
67	69.5	75.1	112.7#
52	24.2	29.8	44.6#

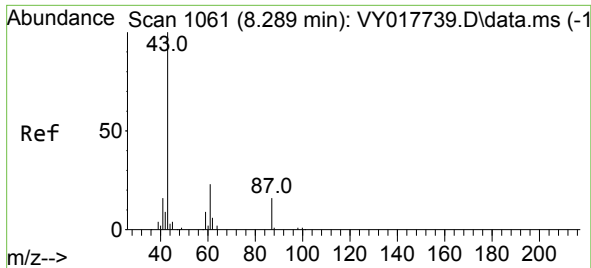


#42
1,2-Dichloroethane
Concen: 4.532 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 62 Resp: 6923

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	22.0

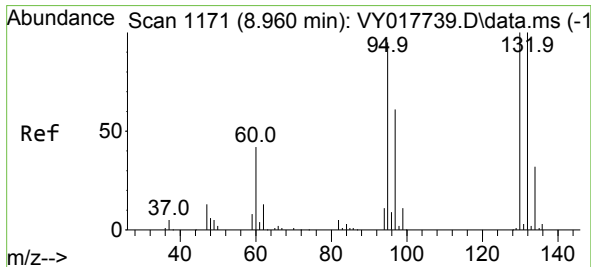
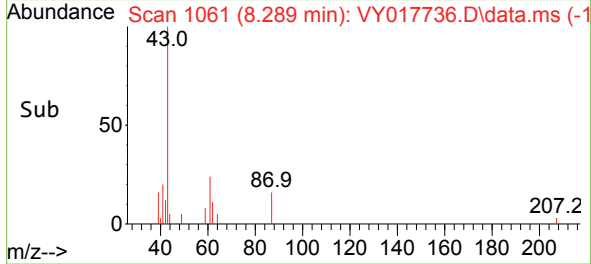
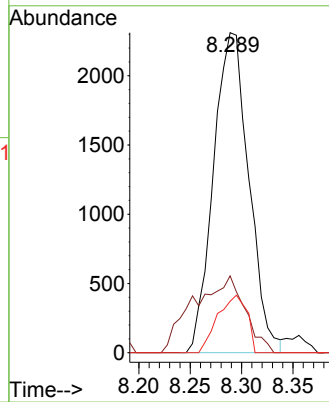
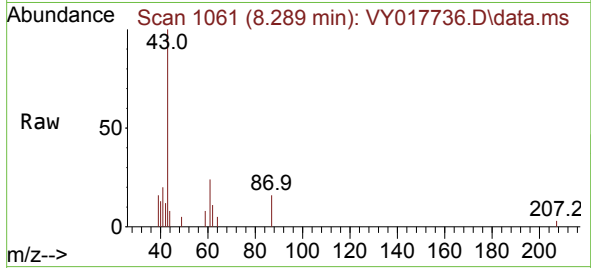




#43
Isopropyl Acetate
Concen: 4.088 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

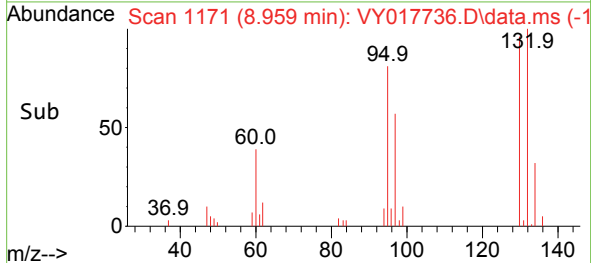
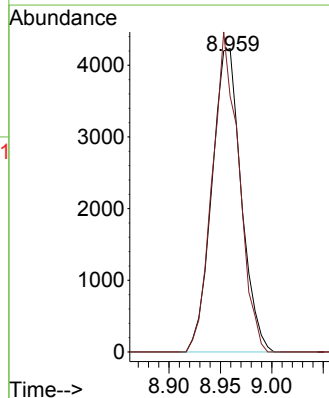
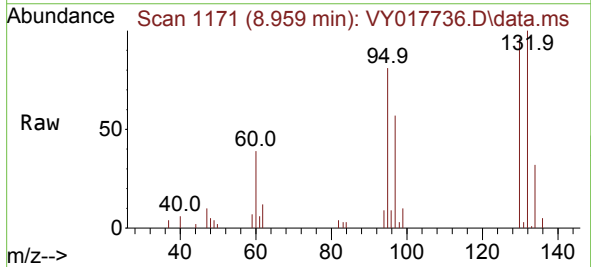
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

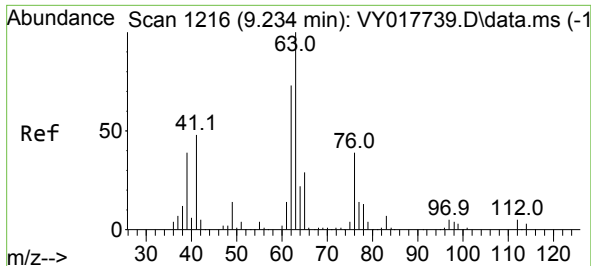
Tgt Ion: 43	Resp: 5544
Ion Ratio	Lower Upper
43 100	
61 34.5	27.9 41.9
87 14.8	13.1 19.7



#44
Trichloroethene
Concen: 5.017 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt	Ion:130	Resp:	8369
Ion	Ratio	Lower	Upper
130	100		
95	84.2	0.0	188.0

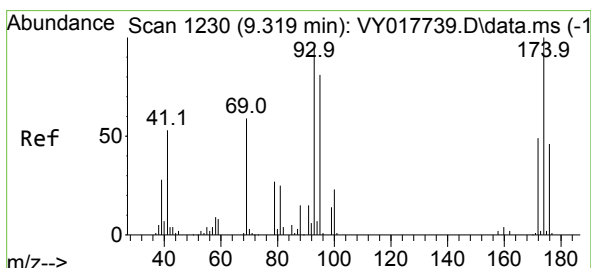
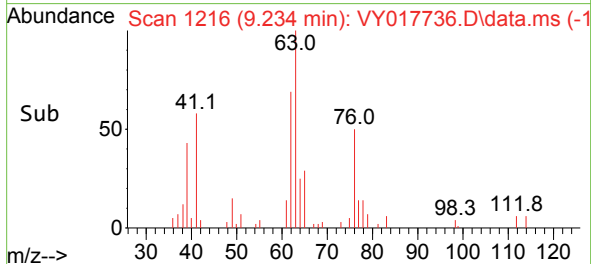
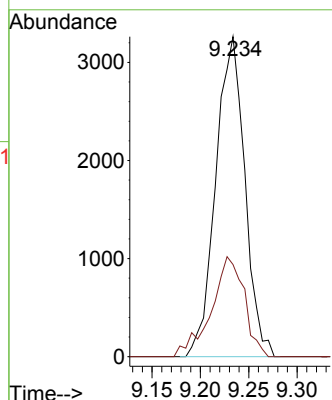
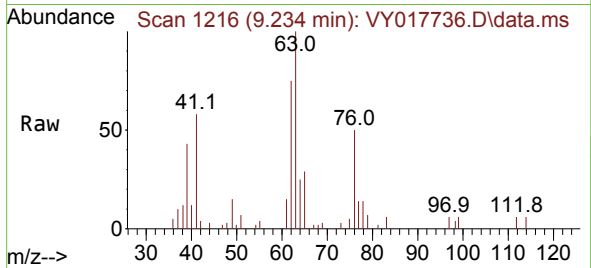




#45
1,2-Dichloropropane
Concen: 4.689 ug/l
RT: 9.234 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

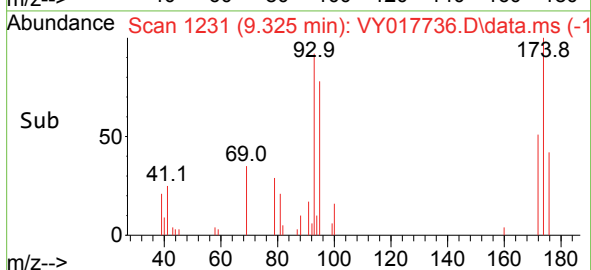
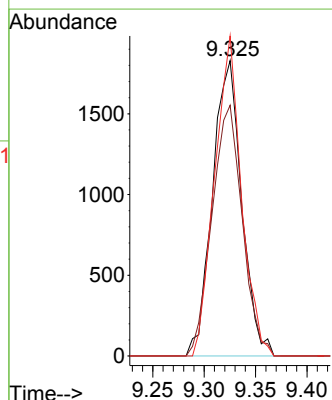
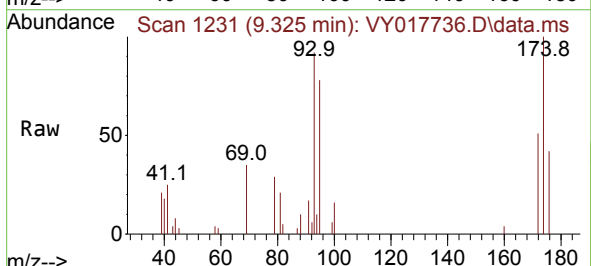
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

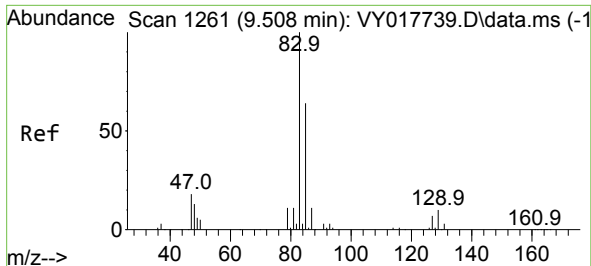
Tgt Ion: 63 Resp: 6813
Ion Ratio Lower Upper
63 100
65 28.8 25.4 38.2



#46
Dibromomethane
Concen: 4.451 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 93 Resp: 3604
Ion Ratio Lower Upper
93 100
95 88.3 66.2 99.4
174 99.7 80.9 121.3

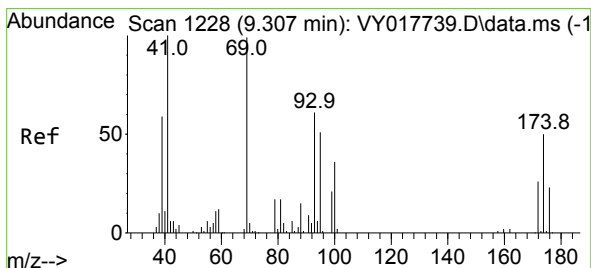
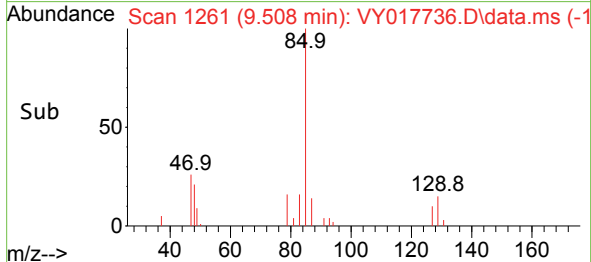
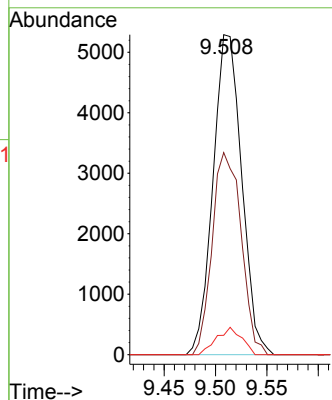
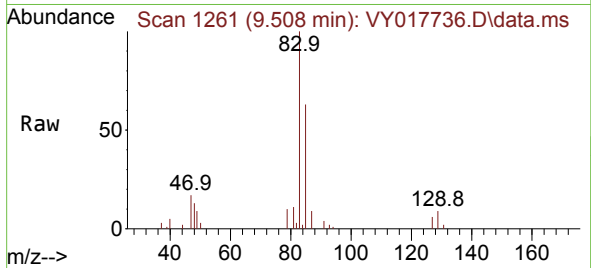




#47
Bromodichloromethane
Concen: 4.952 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

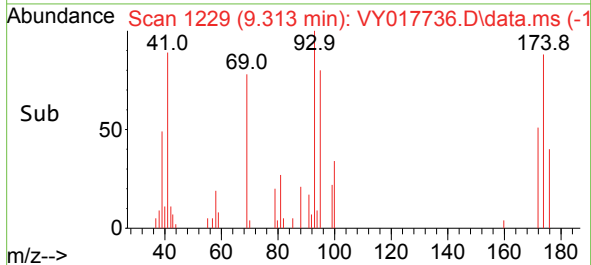
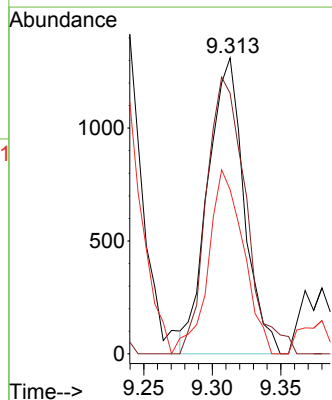
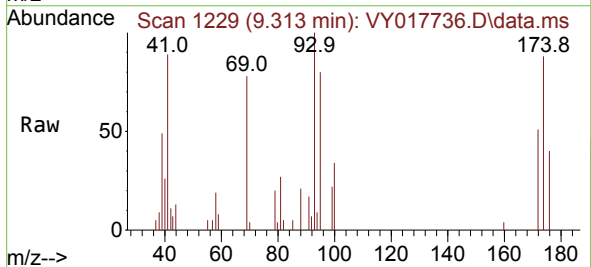
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

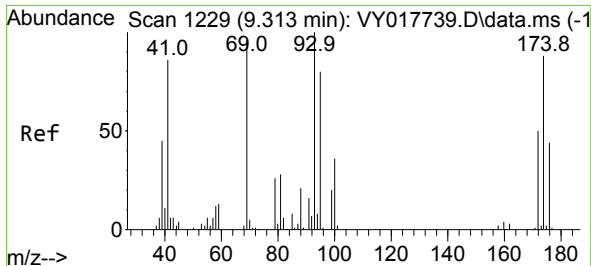
Tgt Ion: 83 Resp: 10254
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 6.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 4.386 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

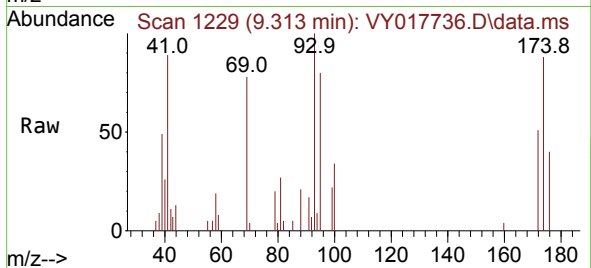
Tgt Ion: 41 Resp: 2408
Ion Ratio Lower Upper
41 100
69 101.3 84.1 126.1
39 60.5 43.6 65.4



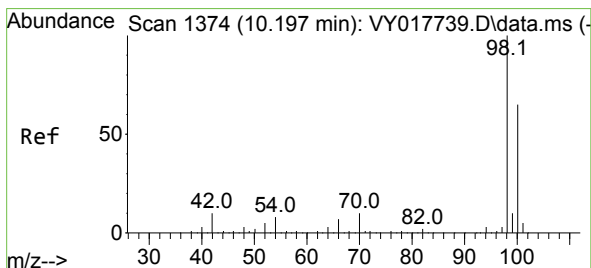
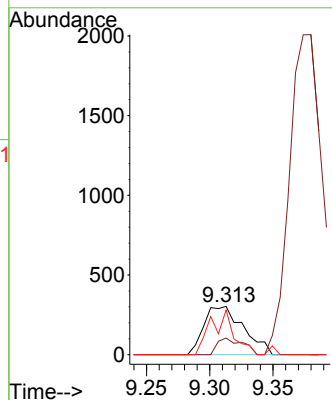
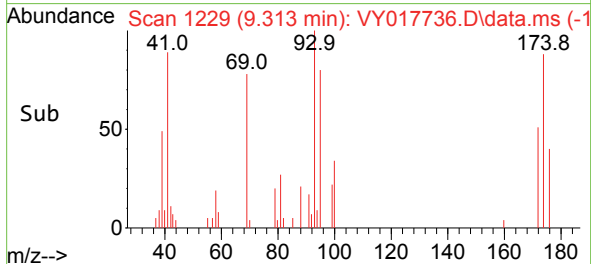


#49
1,4-Dioxane
Concen: 83.641 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

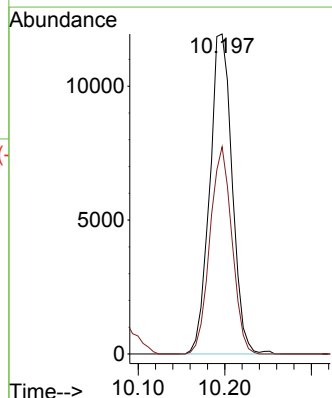
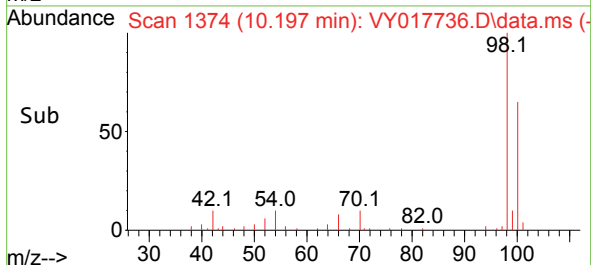
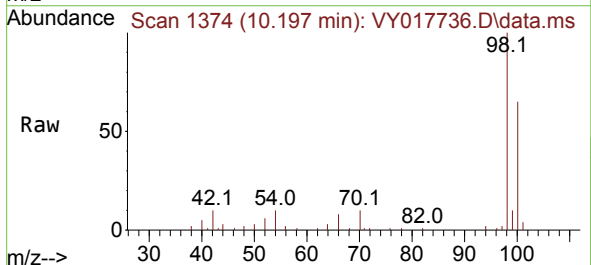


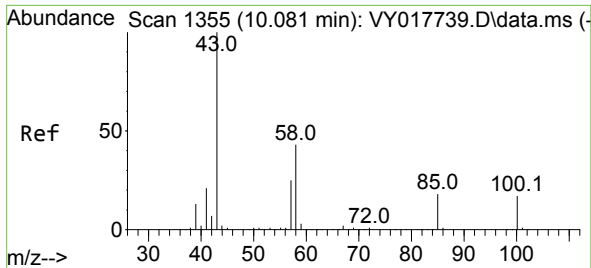
Tgt Ion: 88 Resp: 659
Ion Ratio Lower Upper
88 100
43 22.3 0.0 0.0#
58 54.6 49.3 73.9



#50
Toluene-d8
Concen: 4.076 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 98 Resp: 21511
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 20.448 ug/l

RT: 10.087 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

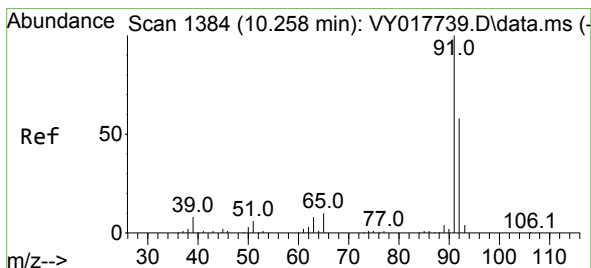
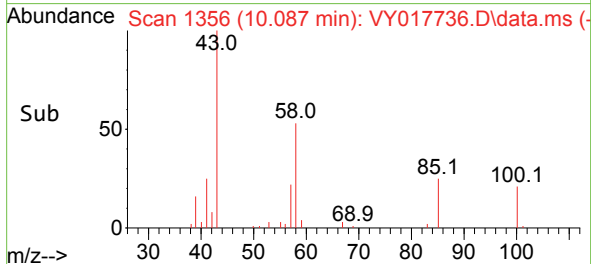
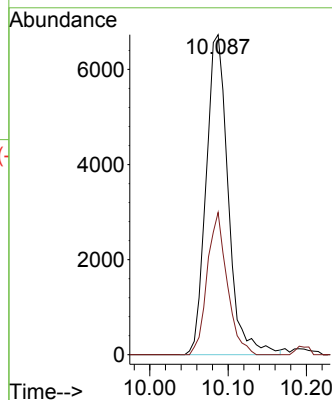
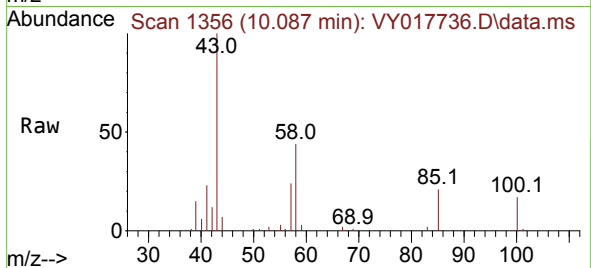
VSTDIC005

Tgt Ion: 43 Resp: 13187

Ion Ratio Lower Upper

43 100

58 40.2 35.7 53.5



#52

Toluene

Concen: 4.526 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VY017736.D

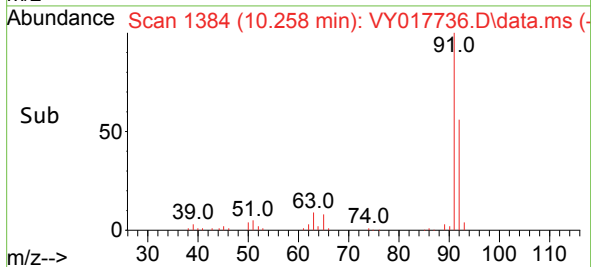
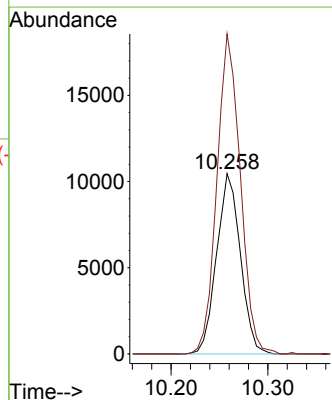
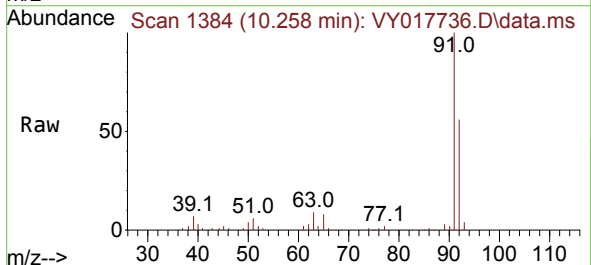
Acq: 22 Mar 2024 09:44

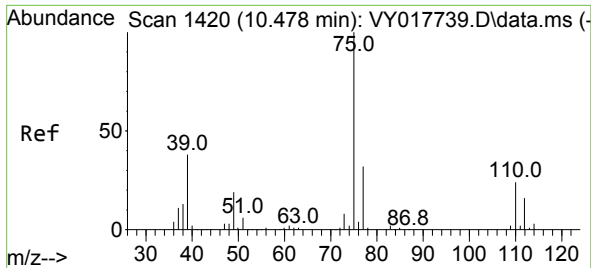
Tgt Ion: 92 Resp: 17835

Ion Ratio Lower Upper

92 100

91 175.0 139.0 208.6

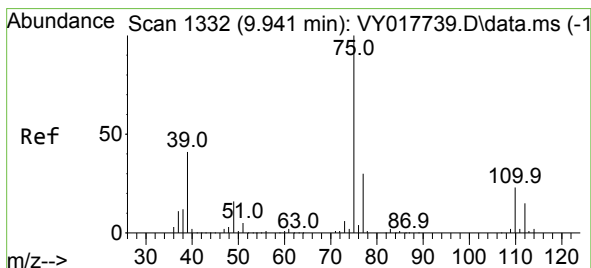
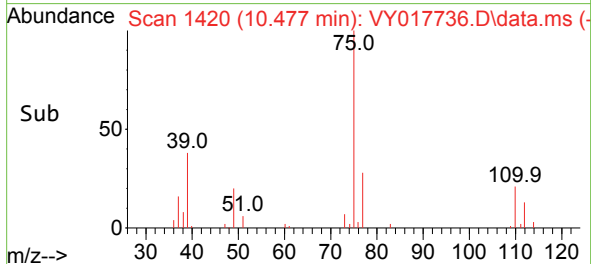
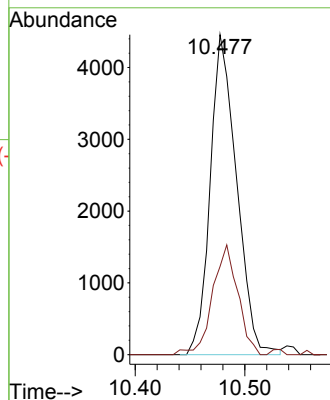
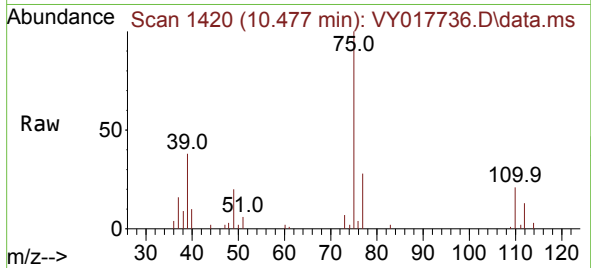




#53
 t-1,3-Dichloropropene
 Concen: 4.121 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY017736.D
 Acq: 22 Mar 2024 09:44

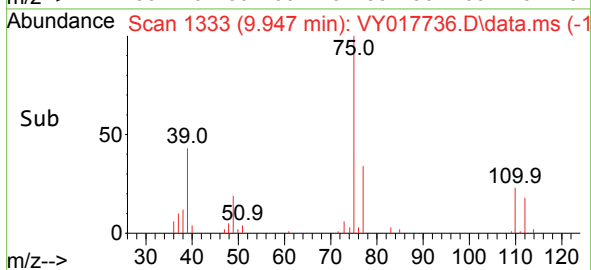
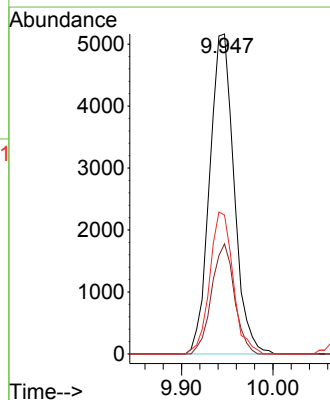
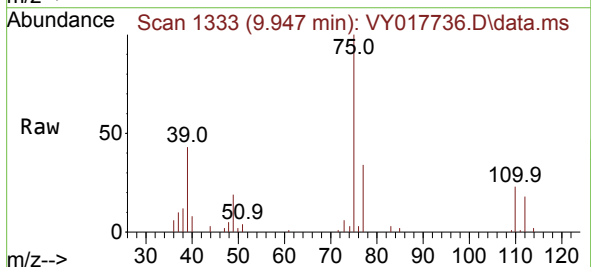
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

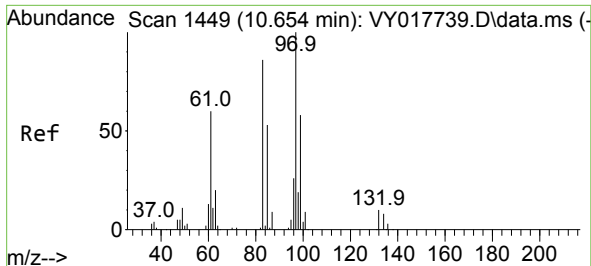
Tgt Ion: 75 Resp: 7462
 Ion Ratio Lower Upper
 75 100
 77 26.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 4.333 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017736.D
 Acq: 22 Mar 2024 09:44

Tgt Ion: 75 Resp: 9585
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.4 38.0
 39 43.4 29.8 44.6

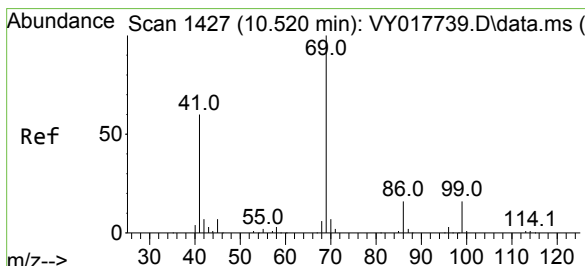
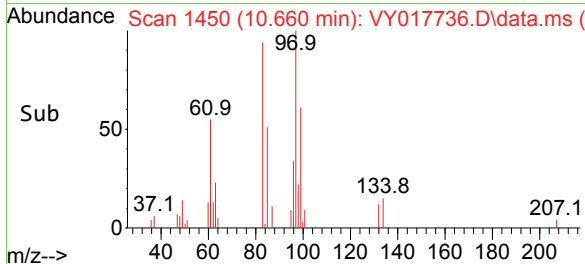
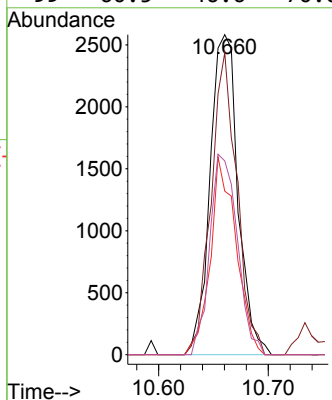
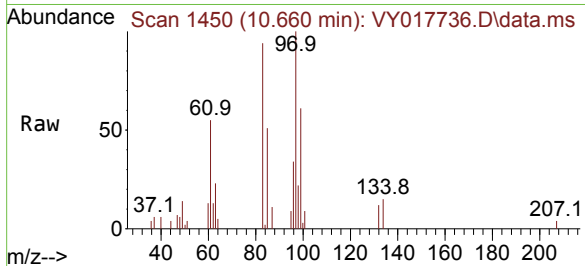




#55
1,1,2-Trichloroethane
Concen: 4.424 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

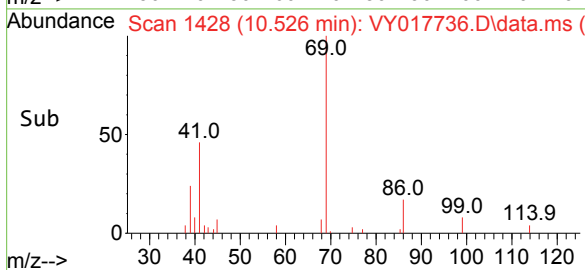
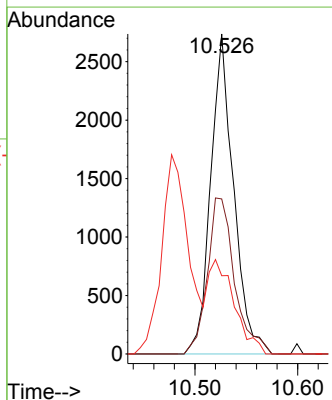
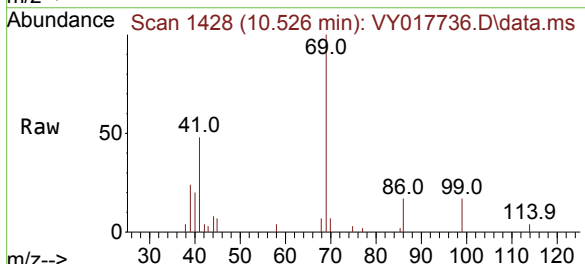
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

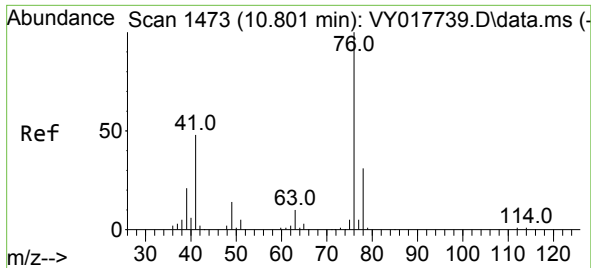
Tgt Ion: 97	Resp: 4583
Ion Ratio	Lower Upper
97 100	
83 94.4	67.5 101.3
85 51.1	42.9 64.3
99 60.5	46.6 70.0



#56
Ethyl methacrylate
Concen: 4.128 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 69	Resp: 4234
Ion Ratio	Lower Upper
69 100	
41 57.9	42.3 63.5
39 33.8	22.9 34.3

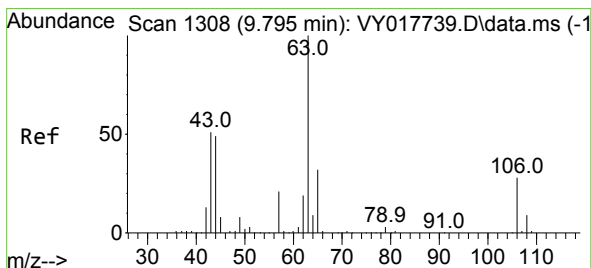
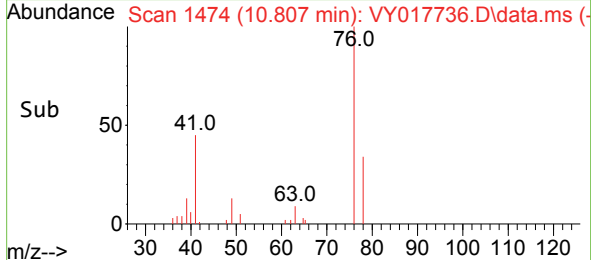
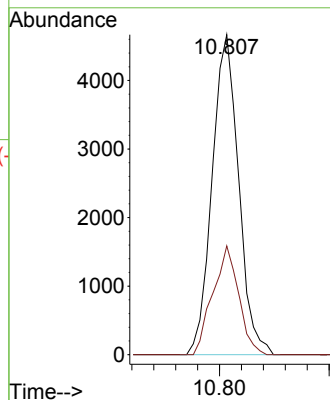
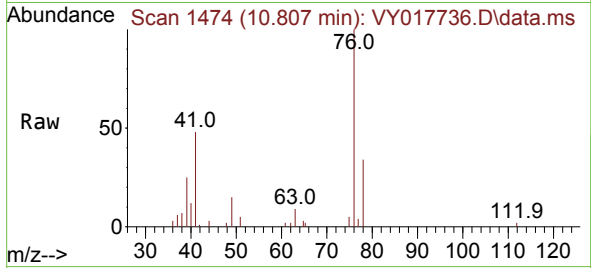




#57
1,3-Dichloropropane
Concen: 4.387 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

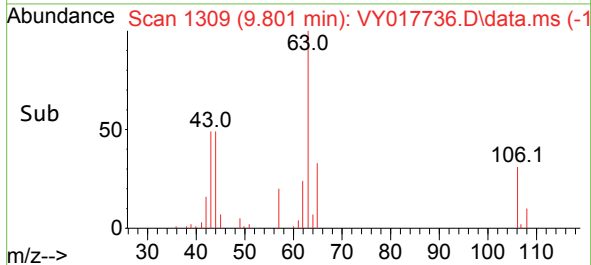
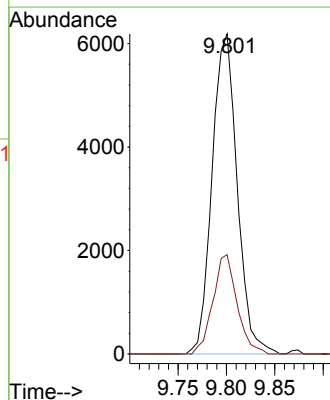
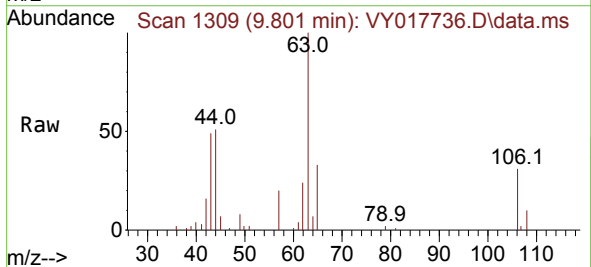
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

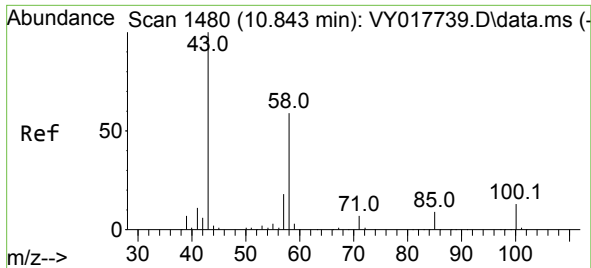
Tgt Ion: 76 Resp: 7828
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 24.806 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 63 Resp: 11169
Ion Ratio Lower Upper
63 100
106 29.8 23.7 35.5

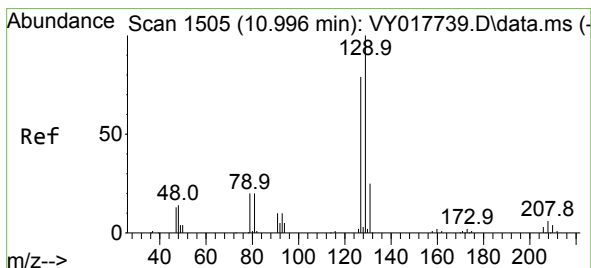
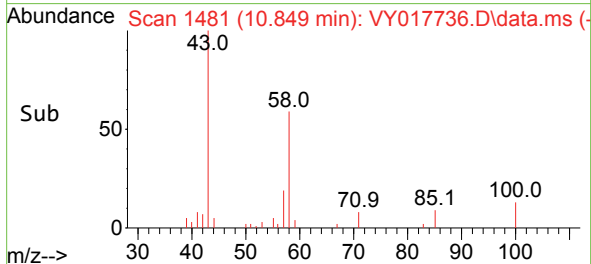
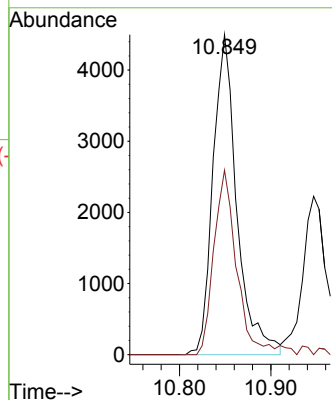
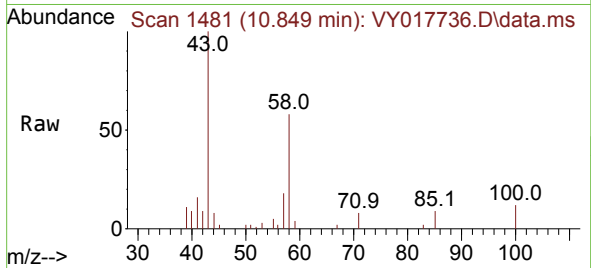




#59
2-Hexanone
Concen: 22.293 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

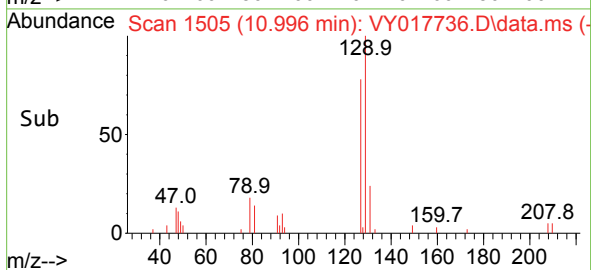
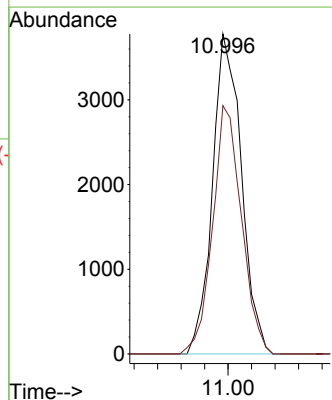
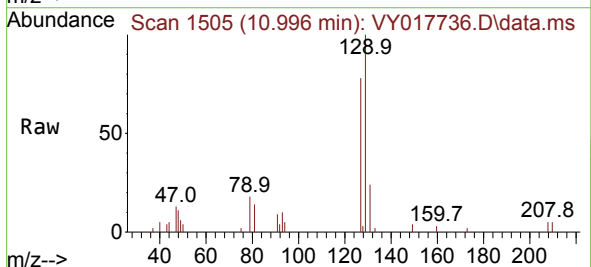
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

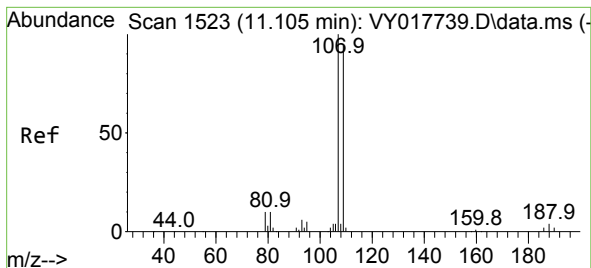
Tgt Ion: 43 Resp: 8152
Ion Ratio Lower Upper
43 100
58 55.9 31.4 94.0



#60
Dibromochloromethane
Concen: 4.652 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 129 Resp: 6445
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

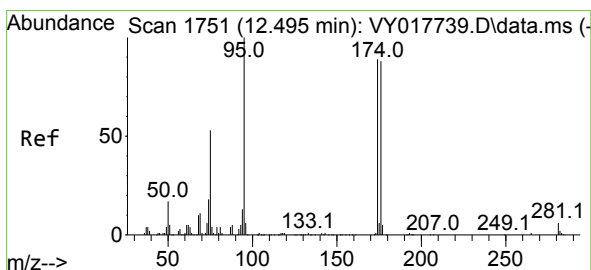
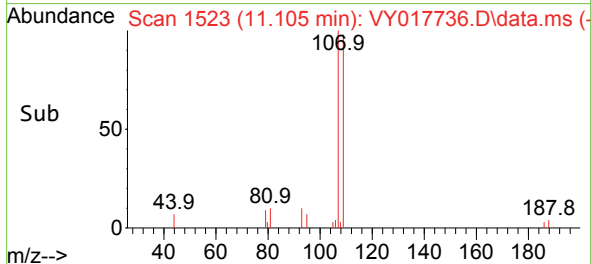
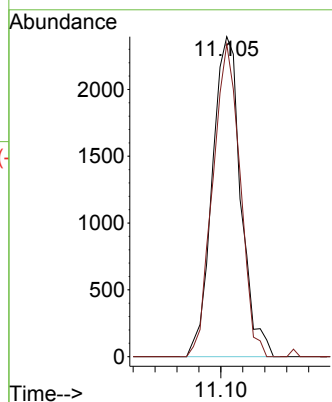
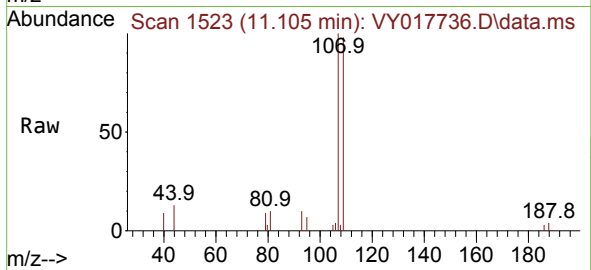




#61
1,2-Dibromoethane
Concen: 4.459 ug/l
RT: 11.105 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

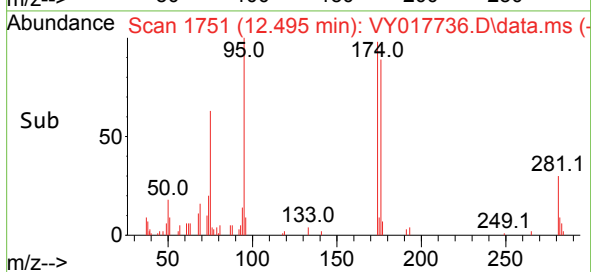
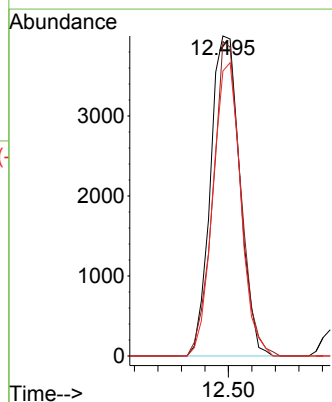
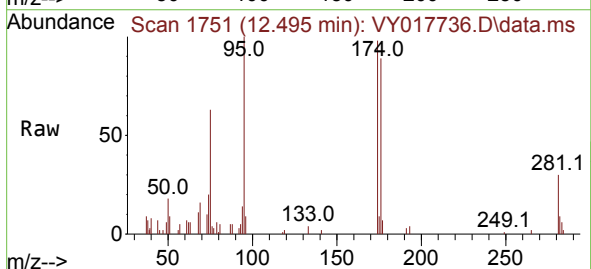
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

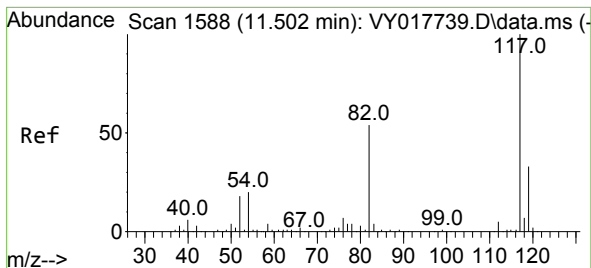
Tgt Ion:107 Resp: 4336
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 4.368 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 95 Resp: 6923
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 87.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

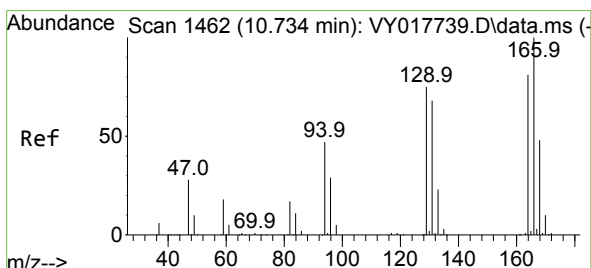
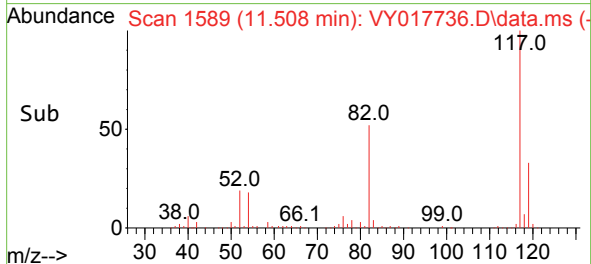
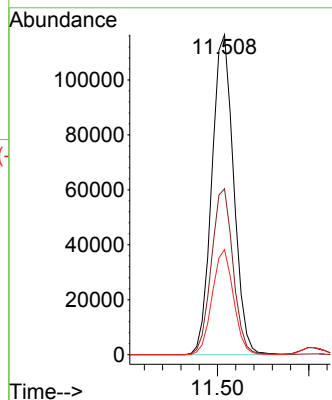
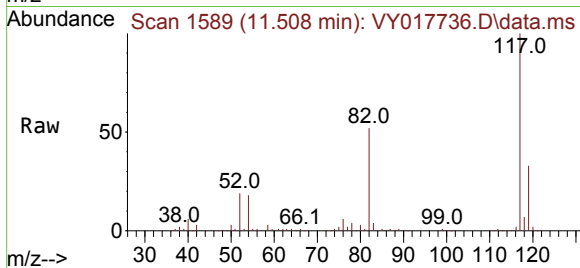
Tgt Ion:117 Resp: 192814

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 32.8 25.9 38.9



#64

Tetrachloroethene

Concen: 5.300 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Tgt Ion:164 Resp: 9451

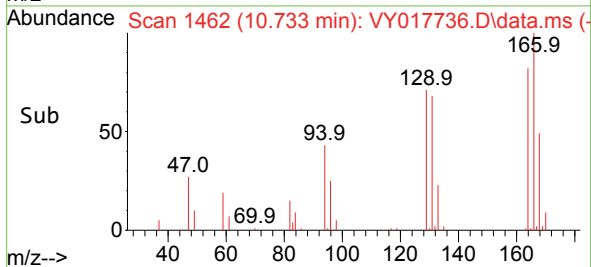
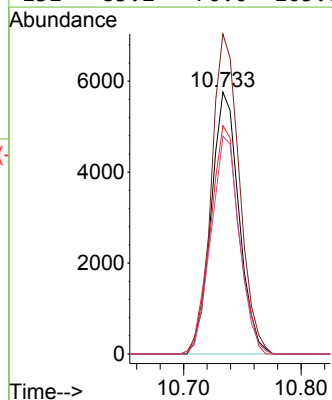
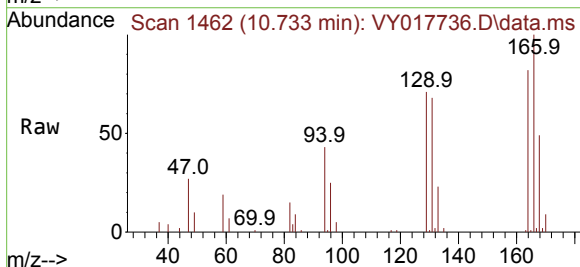
Ion Ratio Lower Upper

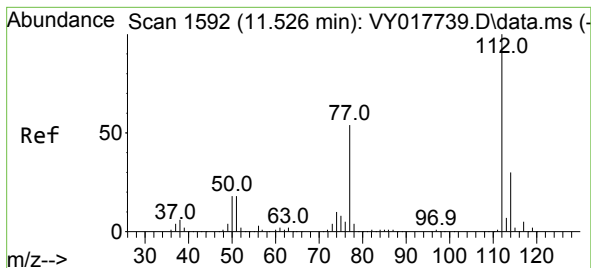
164 100

166 122.2 102.6 154.0

129 87.2 72.0 108.0

131 83.2 70.0 105.0

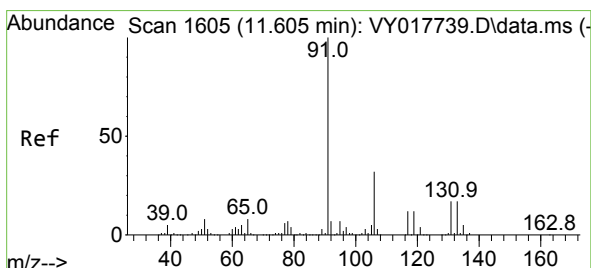
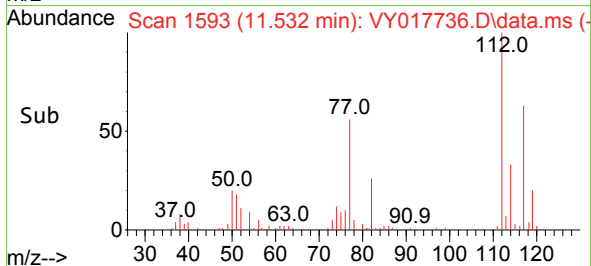
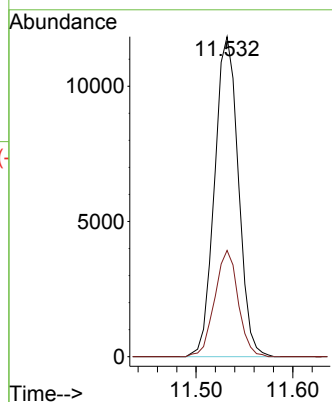
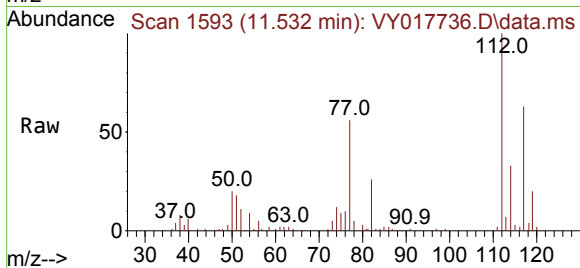




#65
Chlorobenzene
Concen: 4.866 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

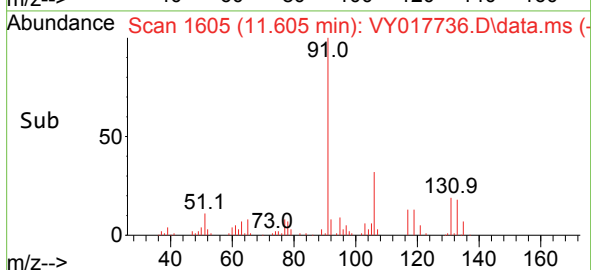
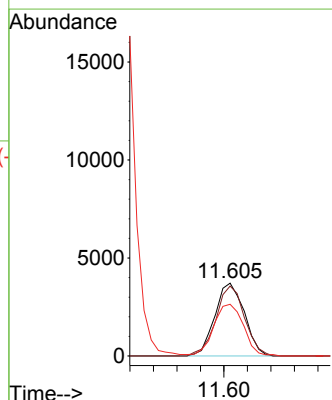
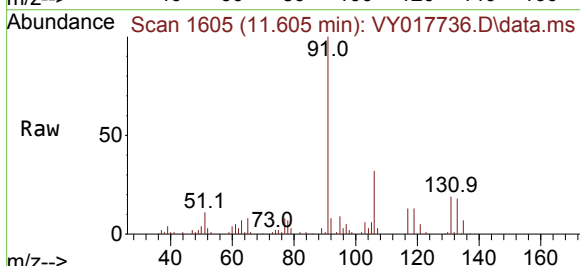
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

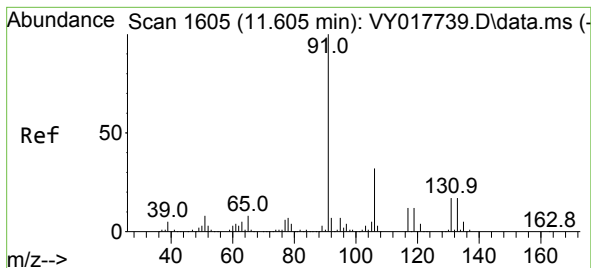
Tgt Ion:112 Resp: 20195
Ion Ratio Lower Upper
112 100
114 33.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.658 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion:131 Resp: 6456
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 72.4 34.1 102.2





#67

Ethyl Benzene

Concen: 4.586 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

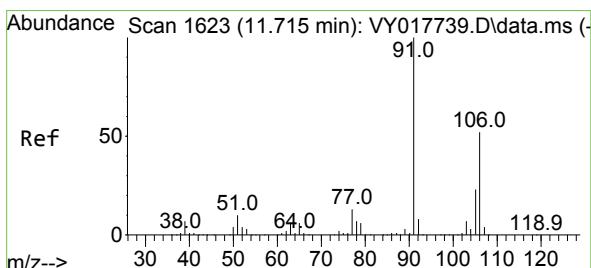
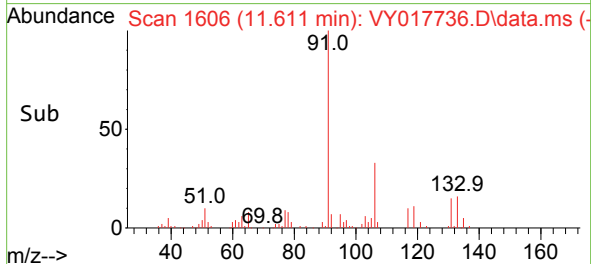
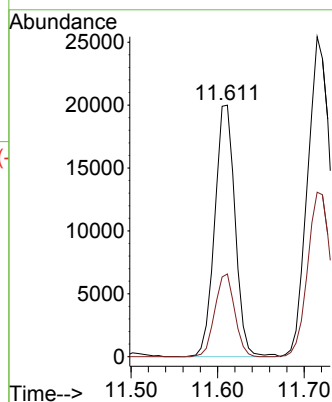
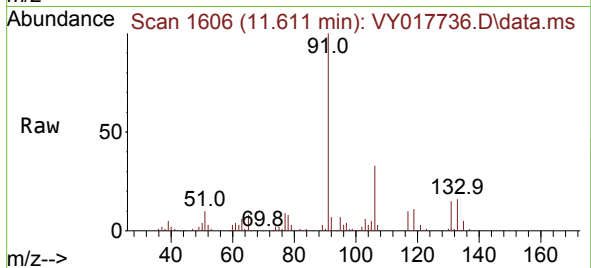
VSTDIC005

Tgt Ion: 91 Resp: 32692

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 8.860 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY017736.D

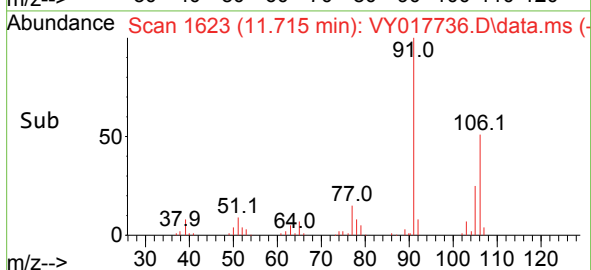
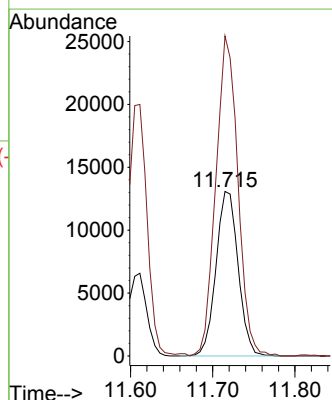
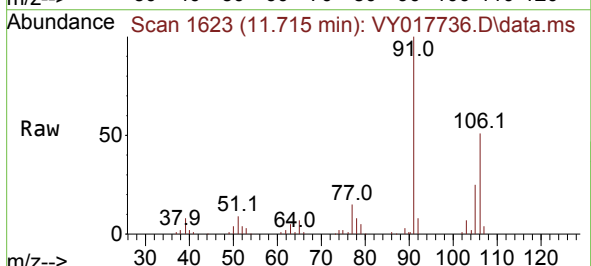
Acq: 22 Mar 2024 09:44

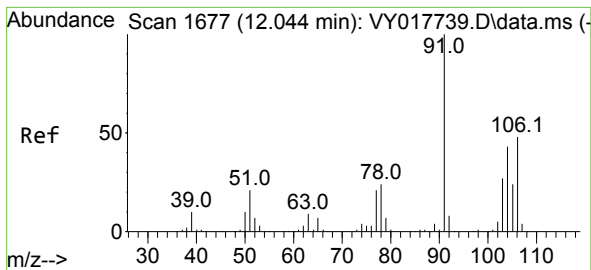
Tgt Ion: 106 Resp: 24501

Ion Ratio Lower Upper

106 100

91 193.4 156.0 234.0





#69

o-Xylene

Concen: 4.302 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

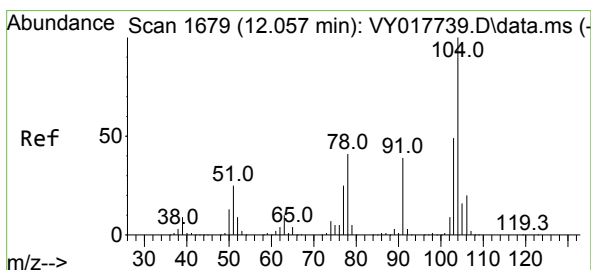
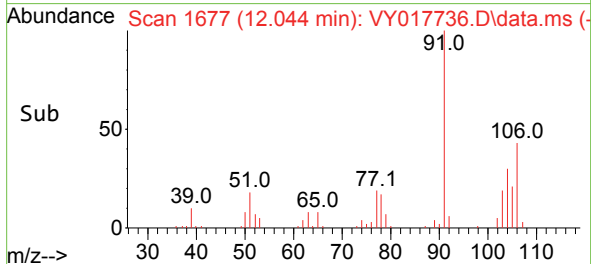
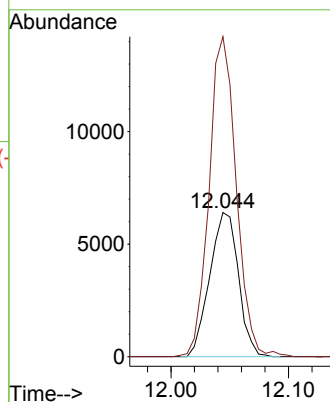
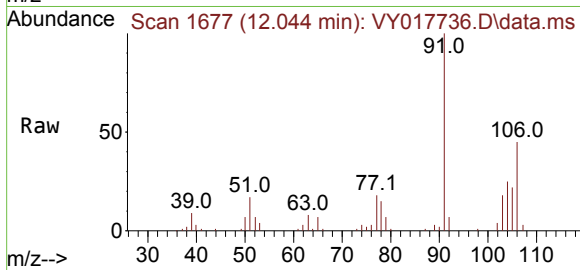
VSTDICC005

Tgt Ion:106 Resp: 10862

Ion Ratio Lower Upper

106 100

91 210.3 103.6 310.8



#70

Styrene

Concen: 4.055 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

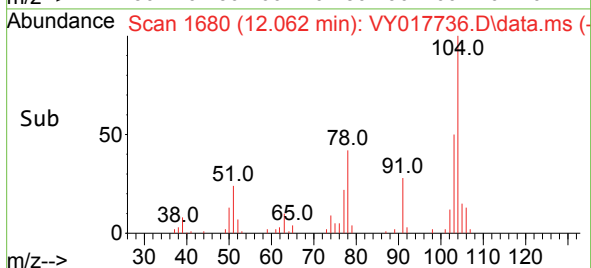
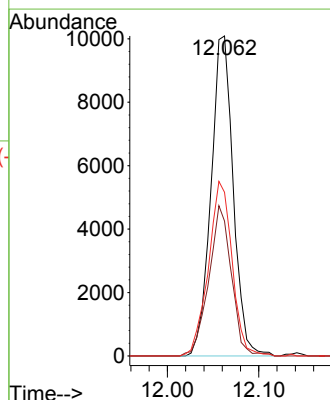
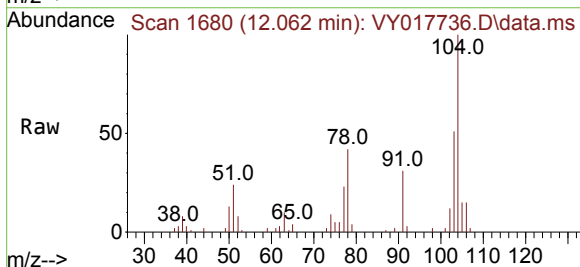
Tgt Ion:104 Resp: 17040

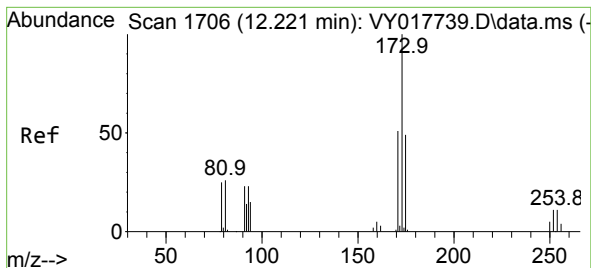
Ion Ratio Lower Upper

104 100

78 47.7 37.0 55.4

103 58.2 44.2 66.2





#71

Bromoform

Concen: 4.522 ug/l

RT: 12.221 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

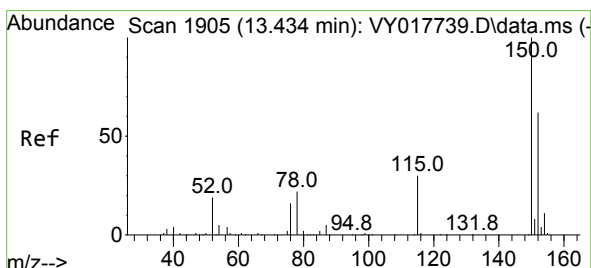
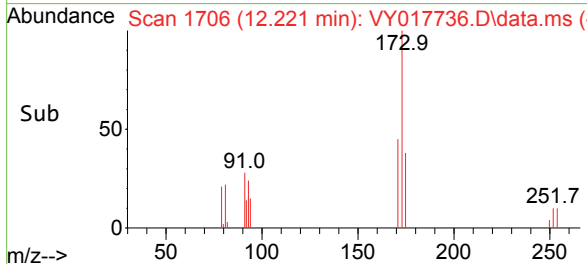
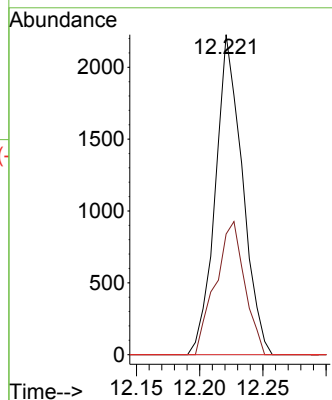
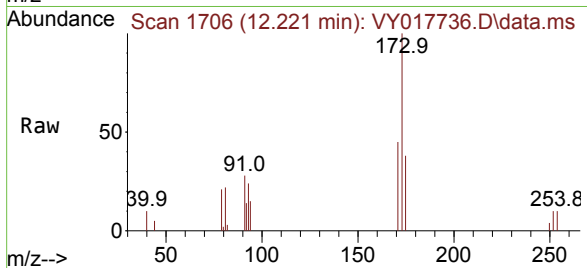
Tgt Ion:173 Resp: 3301

Ion Ratio Lower Upper

173 100

175 45.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

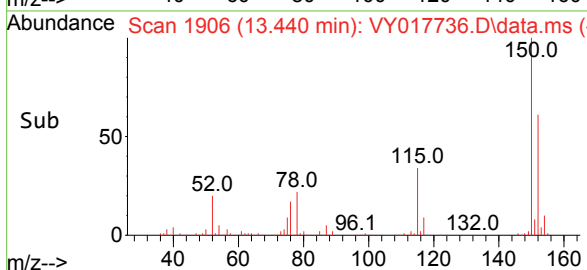
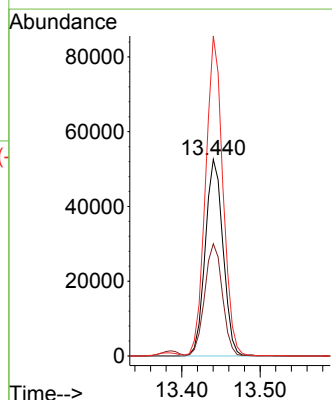
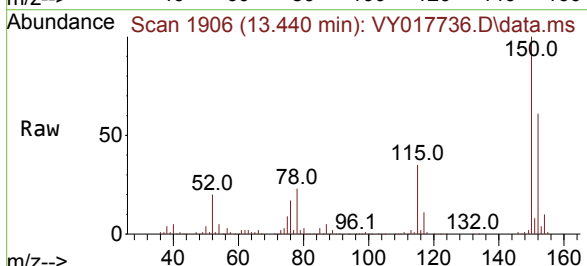
Tgt Ion:152 Resp: 82801

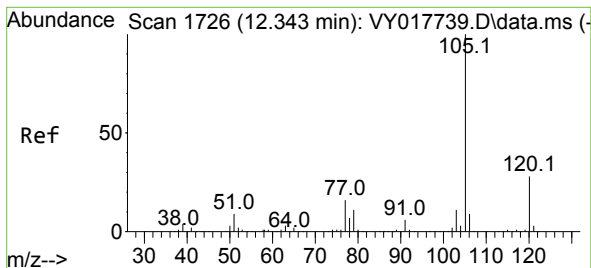
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 157.9 0.0 345.6





#73

Isopropylbenzene

Concen: 4.672 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

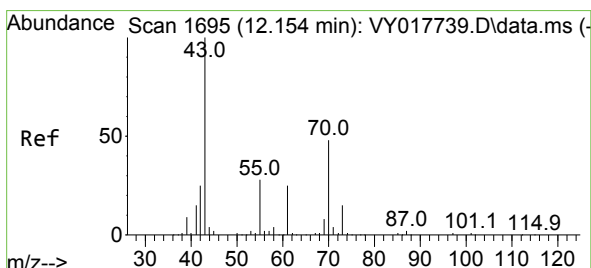
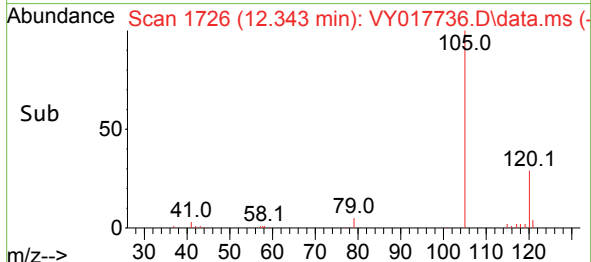
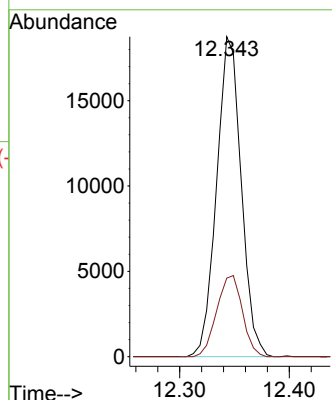
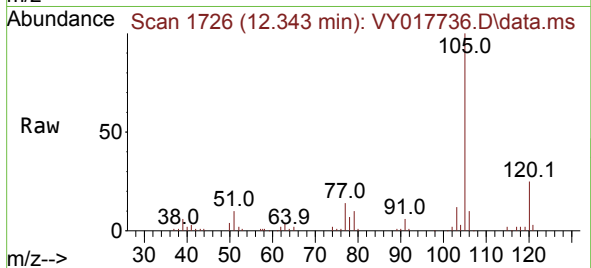
VSTDIC005

Tgt Ion:105 Resp: 29210

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 5.178 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Tgt Ion: 43 Resp: 3858

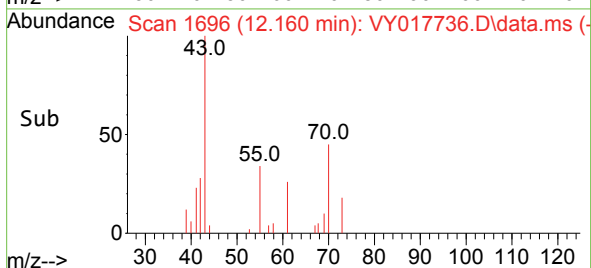
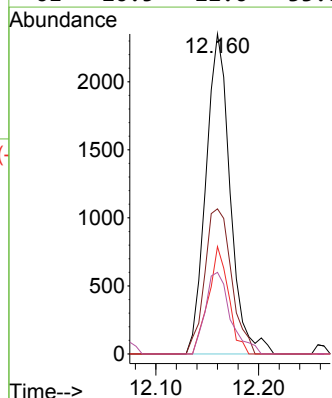
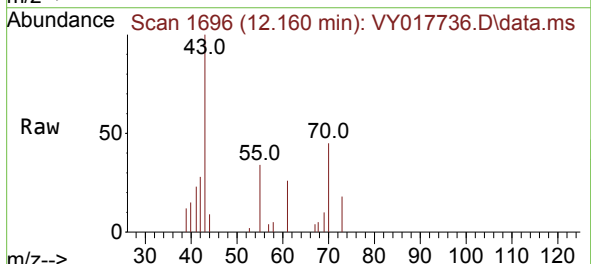
Ion Ratio Lower Upper

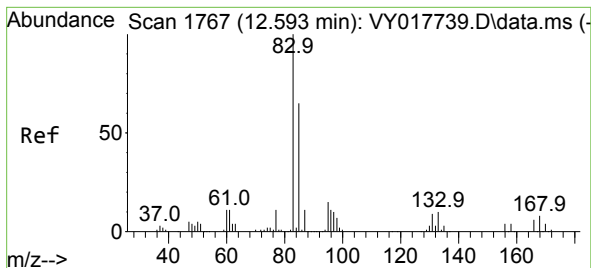
43 100

70 50.2 41.4 62.2

55 28.0 23.3 34.9

61 26.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 4.343 ug/l

RT: 12.599 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

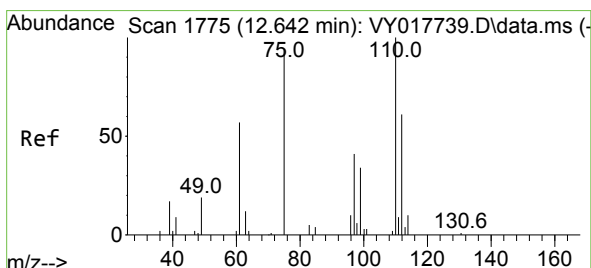
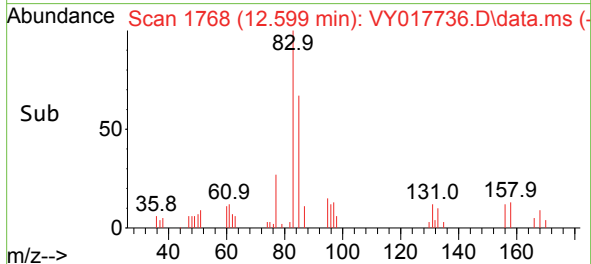
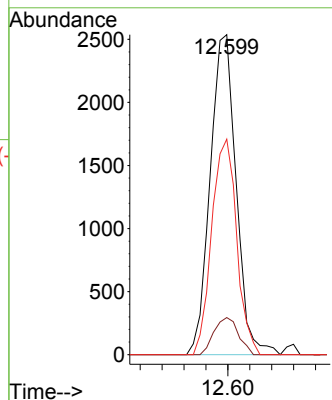
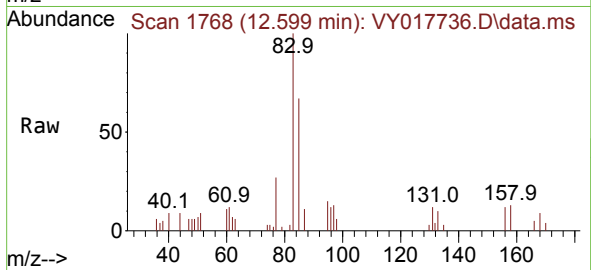
Tgt Ion: 83 Resp: 4181

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 7.141 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017736.D

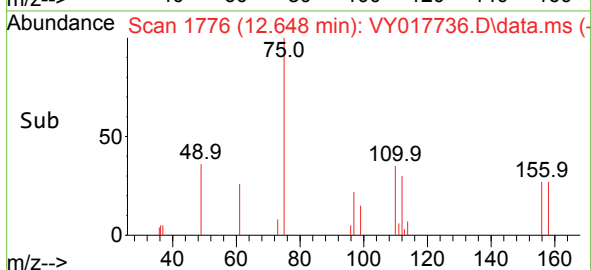
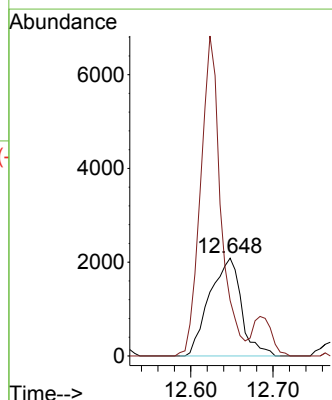
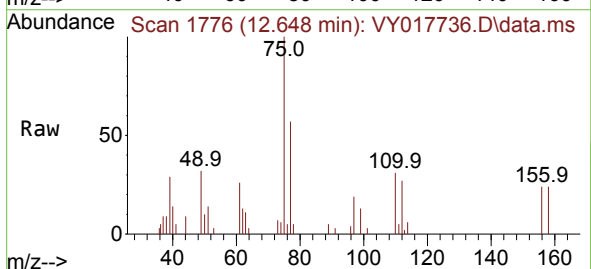
Acq: 22 Mar 2024 09:44

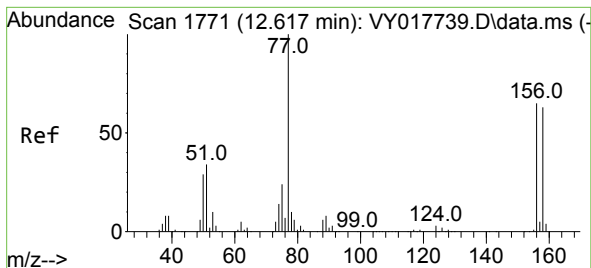
Tgt Ion: 75 Resp: 5604

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.788 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

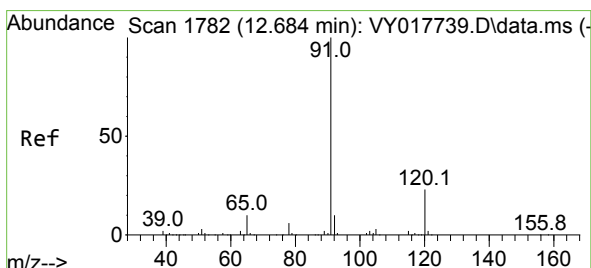
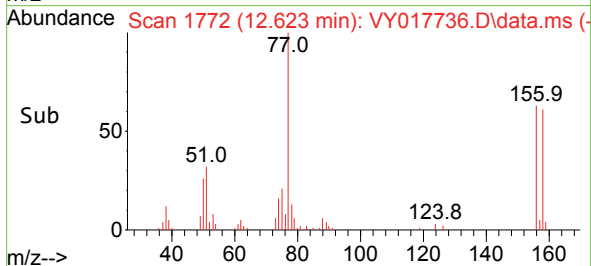
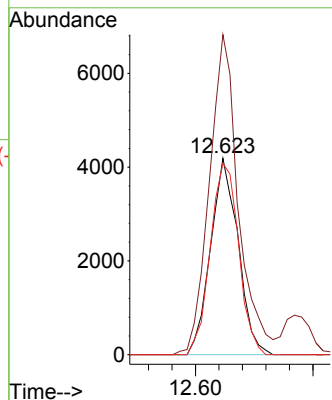
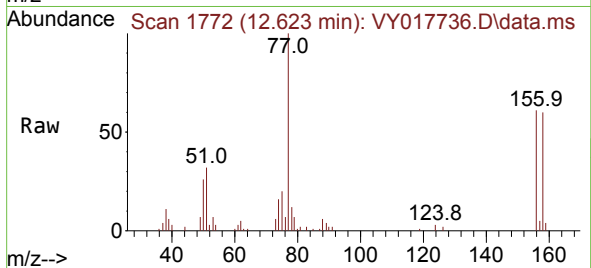
Tgt Ion:156 Resp: 6816

Ion Ratio Lower Upper

156 100

77 172.1 87.1 261.3

158 100.3 48.6 145.9



#78

n-propylbenzene

Concen: 4.642 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY017736.D

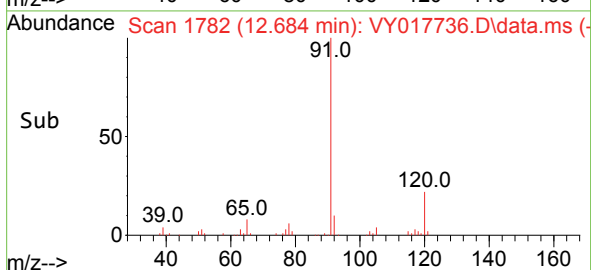
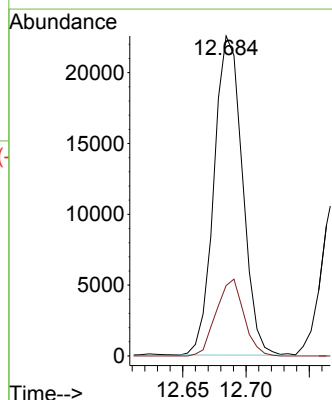
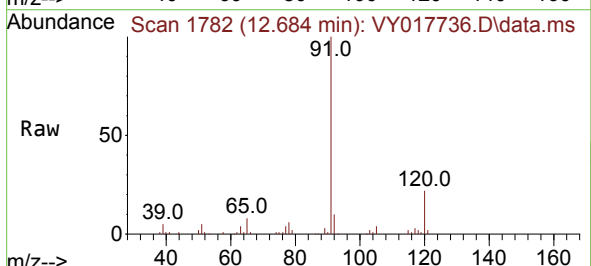
Acq: 22 Mar 2024 09:44

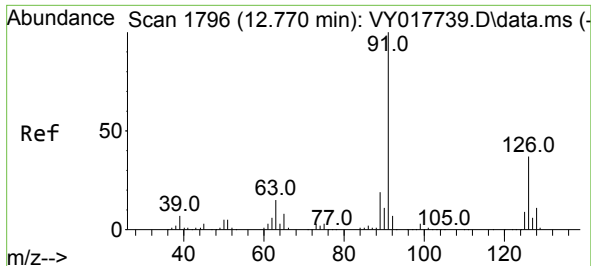
Tgt Ion: 91 Resp: 35133

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

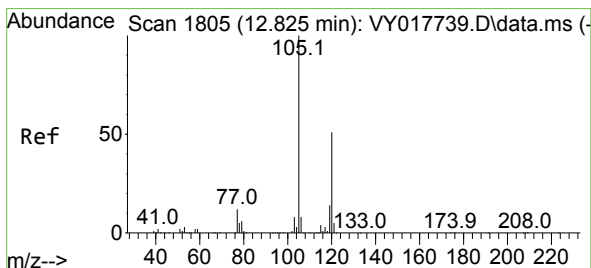
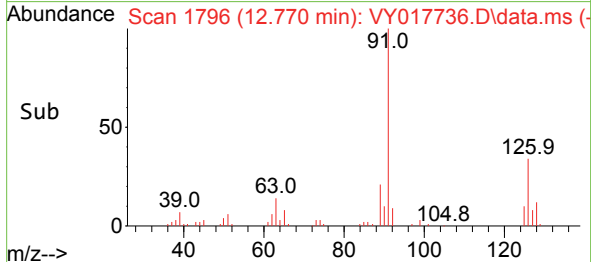
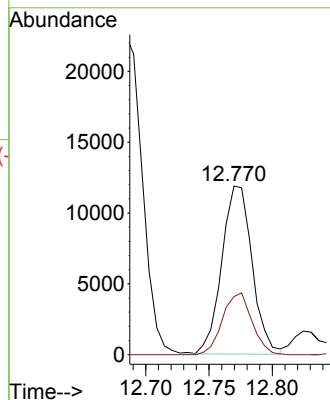
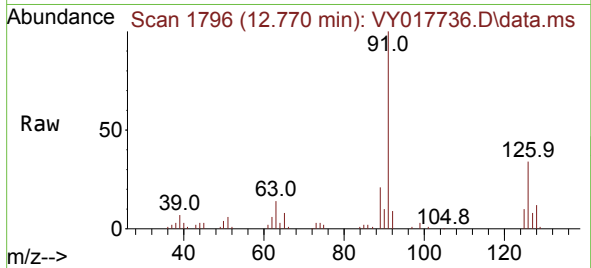




#79
2-Chlorotoluene
Concen: 4.776 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

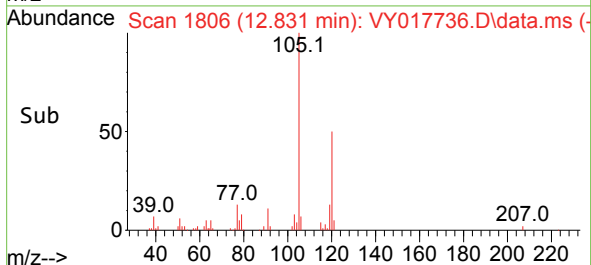
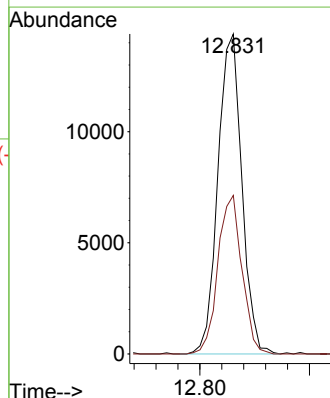
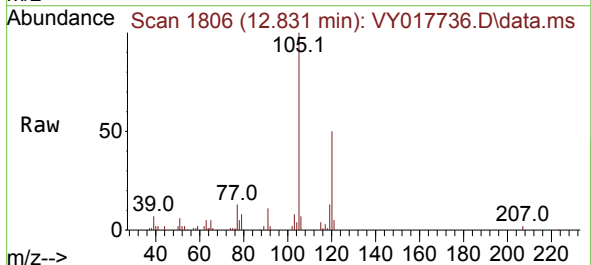
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

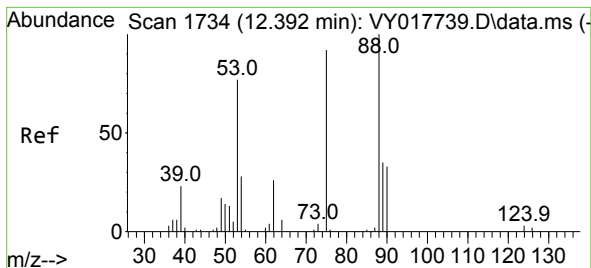
Tgt Ion: 91 Resp: 19822
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 4.458 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion: 105 Resp: 21821
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2

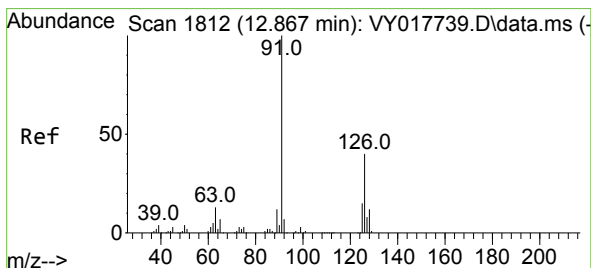
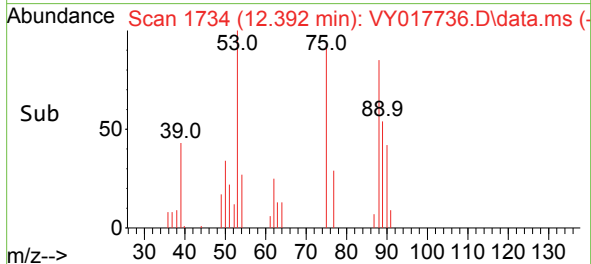
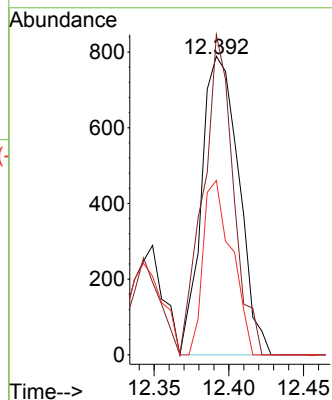
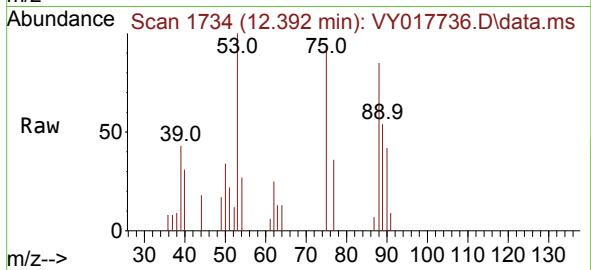




#81
trans-1,4-Dichloro-2-butene
Concen: 4.137 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

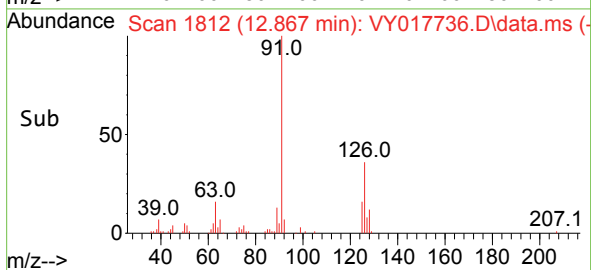
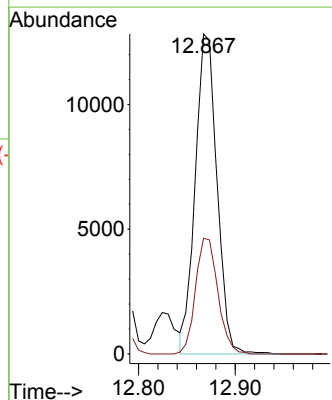
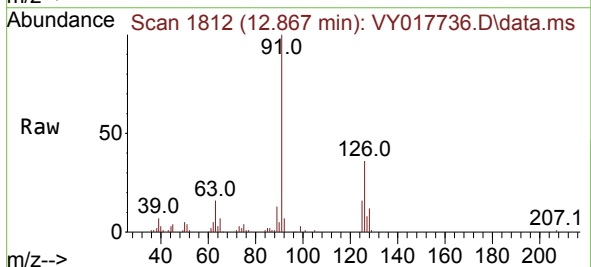
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

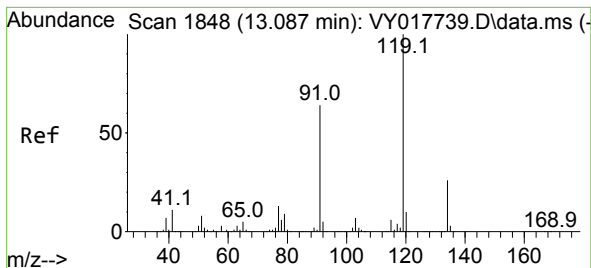
Tgt Ion:	75	Resp:	1369
Ion	Ratio	Lower	Upper
75	100		
53	86.8	66.8	100.2
89	44.8	35.8	53.6



#82
4-Chlorotoluene
Concen: 4.709 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY017736.D
Acq: 22 Mar 2024 09:44

Tgt Ion:	91	Resp:	20052
Ion	Ratio	Lower	Upper
91	100		
126	37.2	17.6	52.9





#83

tert-Butylbenzene

Concen: 4.659 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

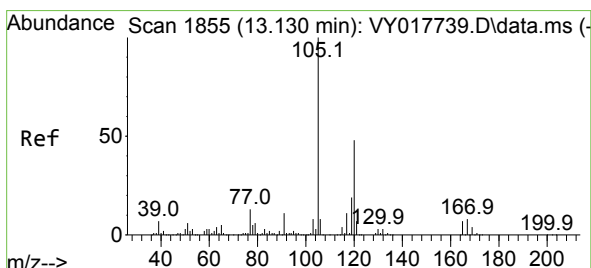
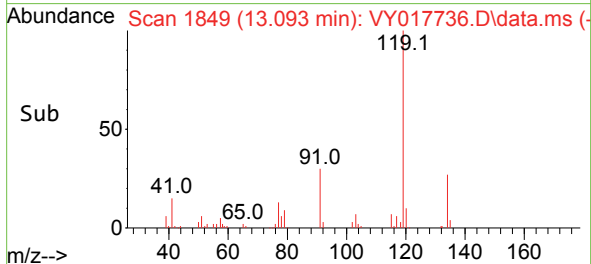
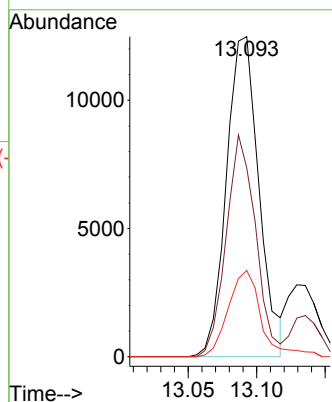
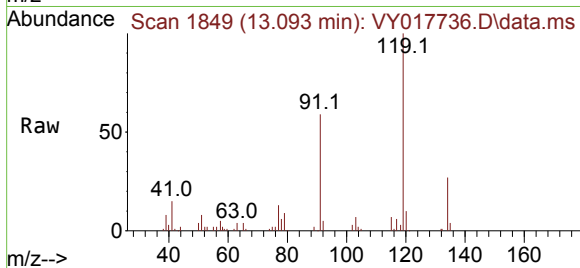
Tgt Ion:119 Resp: 20634

Ion Ratio Lower Upper

119 100

91 62.6 31.3 93.8

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 4.307 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017736.D

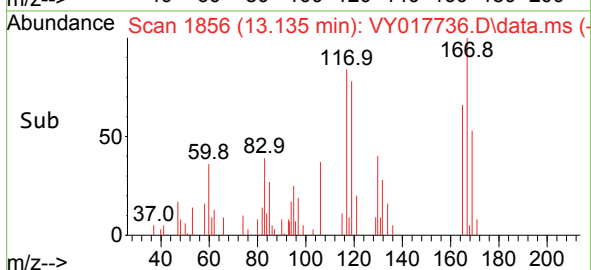
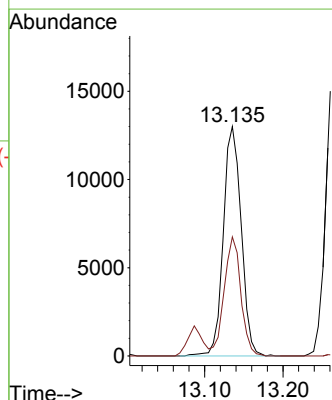
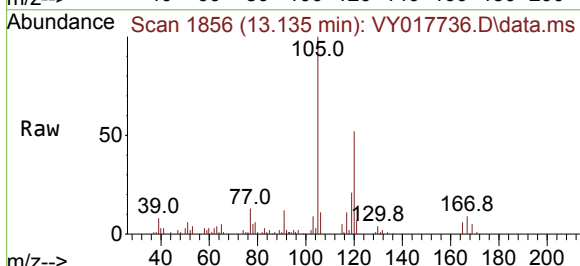
Acq: 22 Mar 2024 09:44

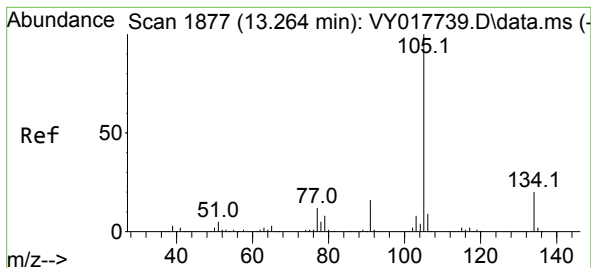
Tgt Ion:105 Resp: 20664

Ion Ratio Lower Upper

105 100

120 48.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.665 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

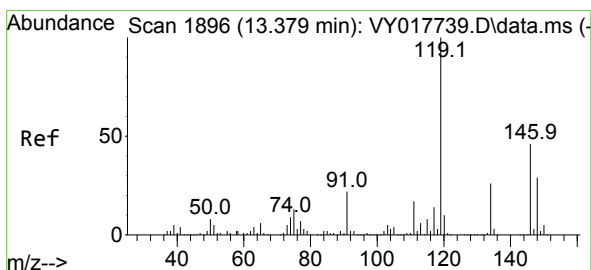
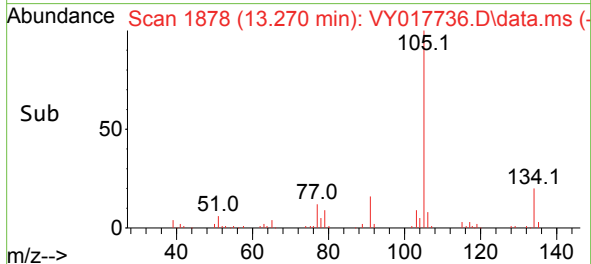
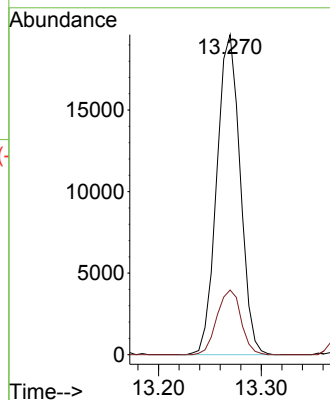
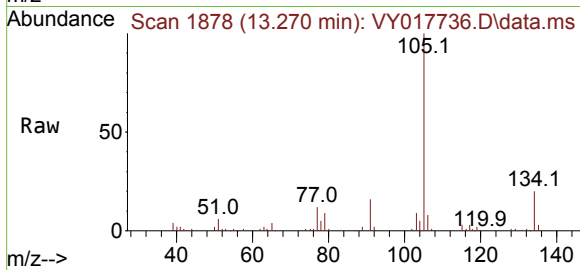
VSTDIC005

Tgt Ion:105 Resp: 30966

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 4.455 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

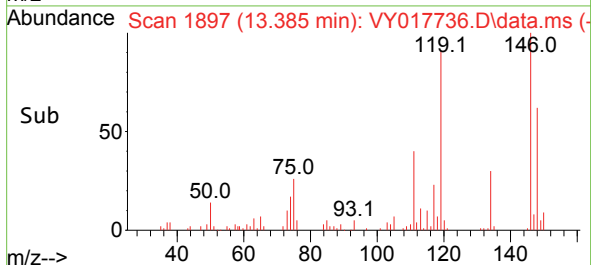
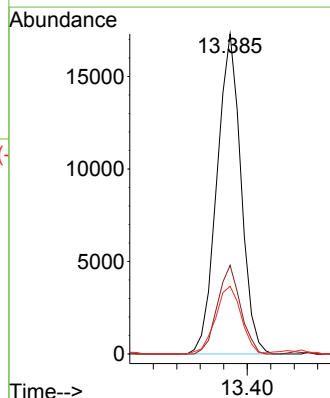
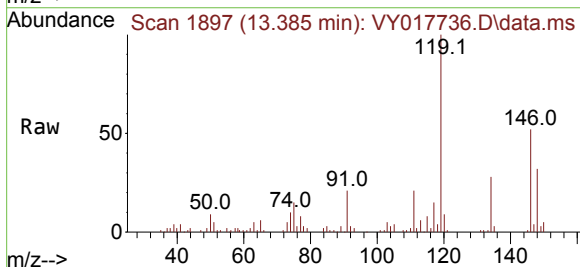
Tgt Ion:119 Resp: 24557

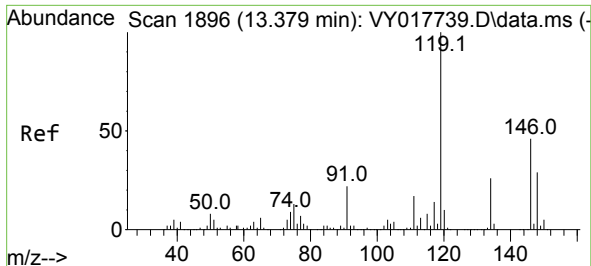
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 4.960 ug/l

RT: 13.385 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

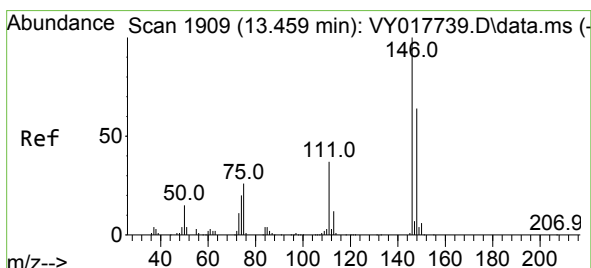
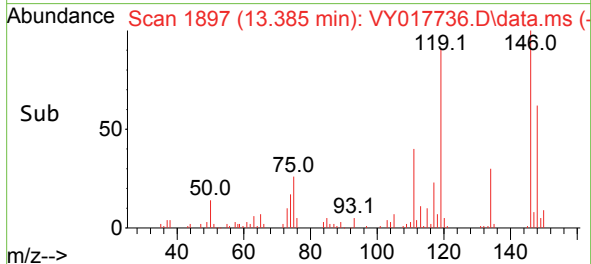
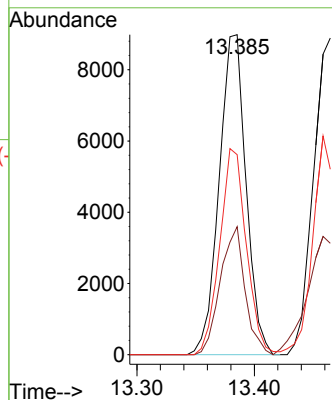
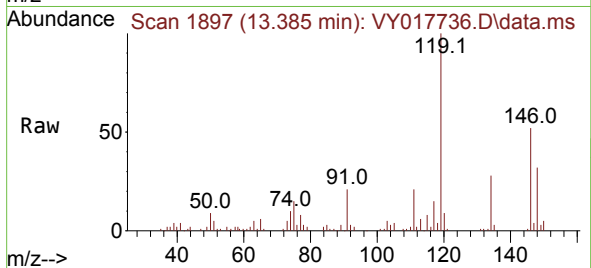
Tgt Ion:146 Resp: 14308

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 5.021 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

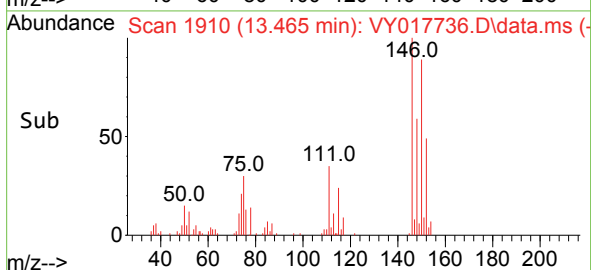
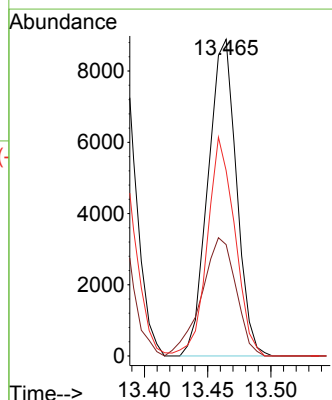
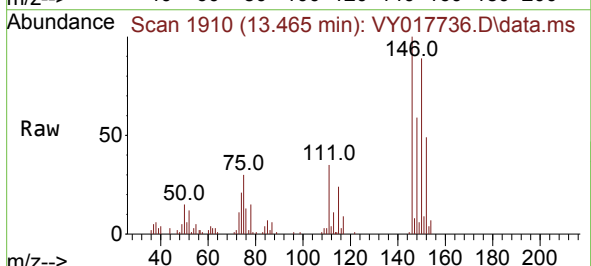
Tgt Ion:146 Resp: 13903

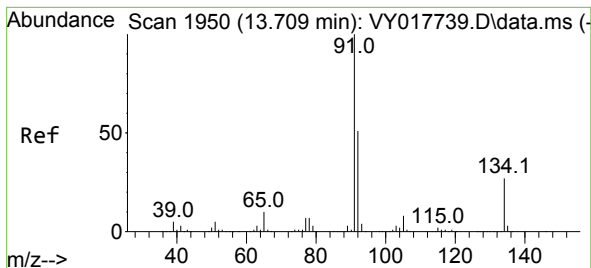
Ion Ratio Lower Upper

146 100

111 45.3 18.4 55.4

148 66.8 32.4 97.2





#89

n-Butylbenzene

Concen: 4.584 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

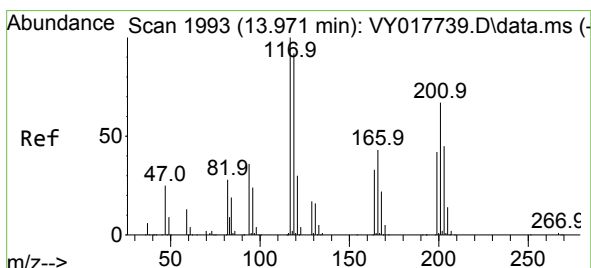
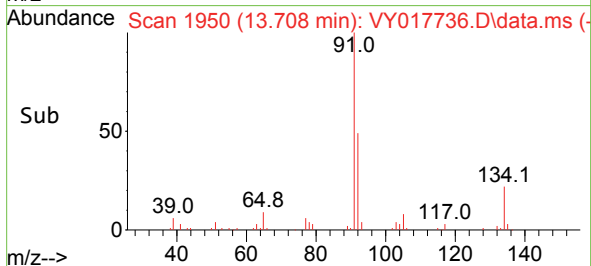
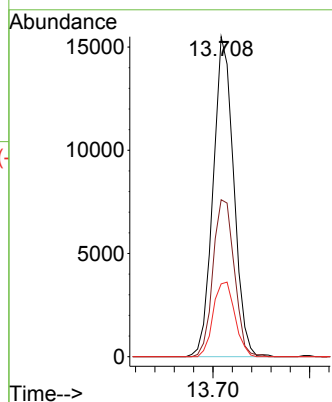
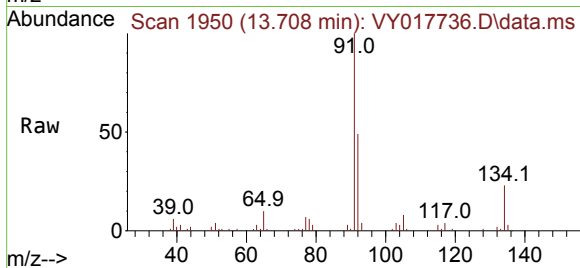
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91	Resp: 22856
Ion Ratio	Lower Upper
91	100
92	50.7 26.6 79.7
134	24.5 12.9 38.7



#90

Hexachloroethane

Concen: 5.391 ug/l

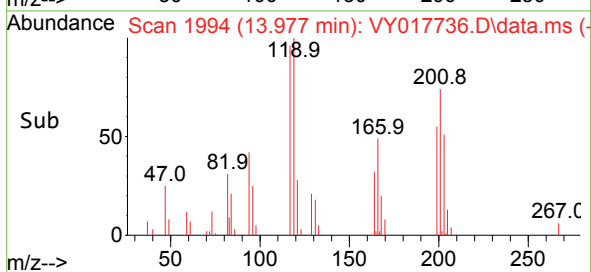
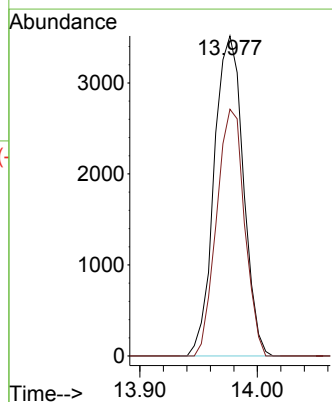
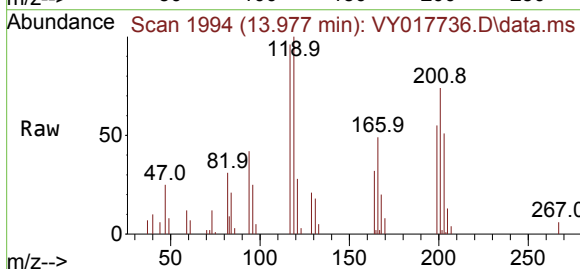
RT: 13.977 min Scan# 1994

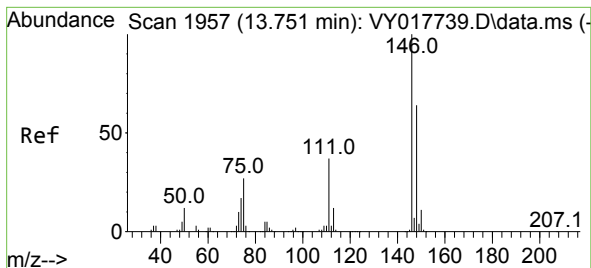
Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Tgt Ion: 117	Resp: 6060
Ion Ratio	Lower Upper
117	100
201	73.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 5.008 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

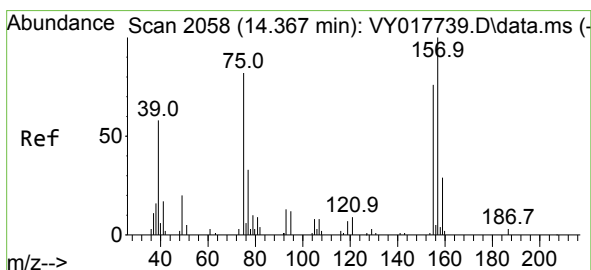
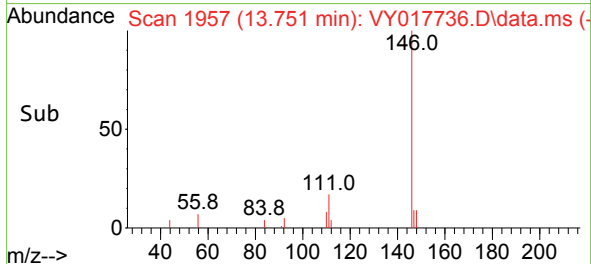
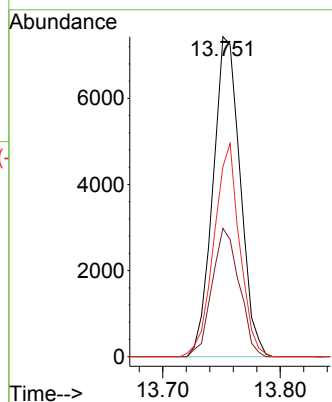
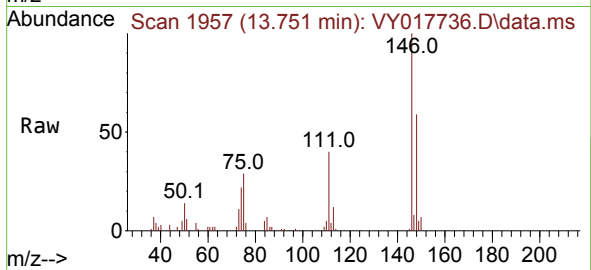
Tgt Ion:146 Resp: 11967

Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.000 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

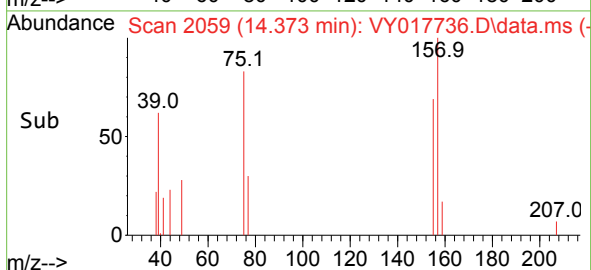
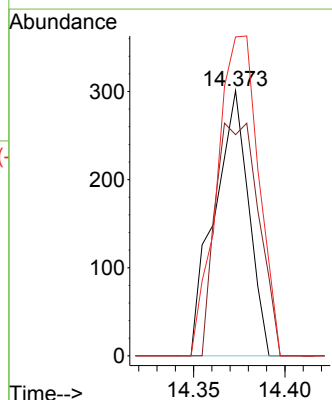
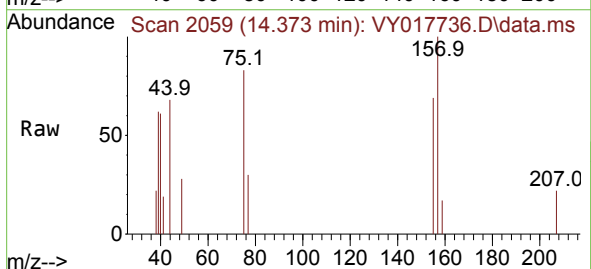
Tgt Ion: 75 Resp: 392

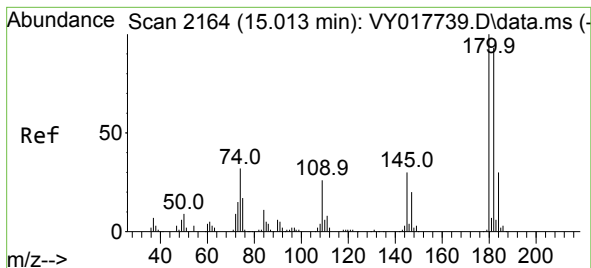
Ion Ratio Lower Upper

75 100

155 111.0 48.6 145.8

157 146.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.267 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

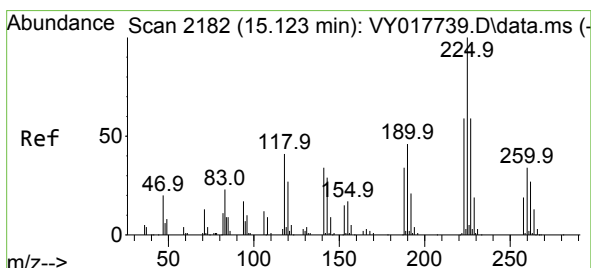
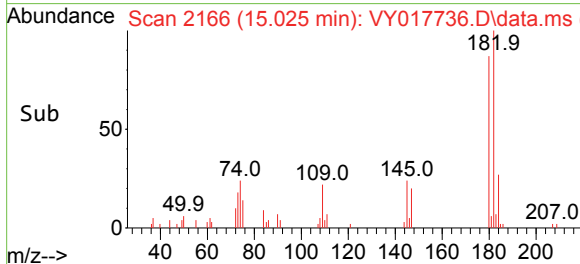
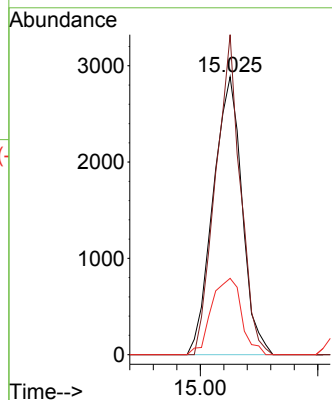
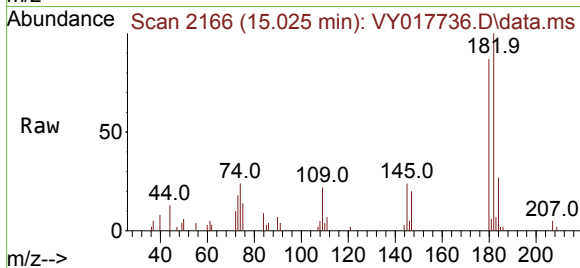
Tgt Ion:180 Resp: 4939

Ion Ratio Lower Upper

180 100

182 98.3 47.9 143.8

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 5.472 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

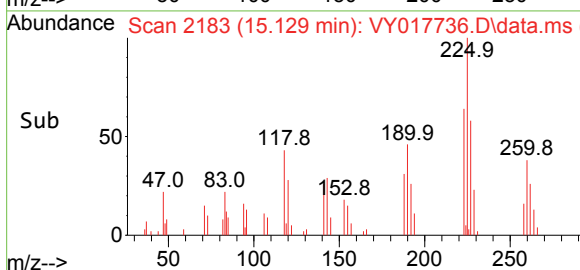
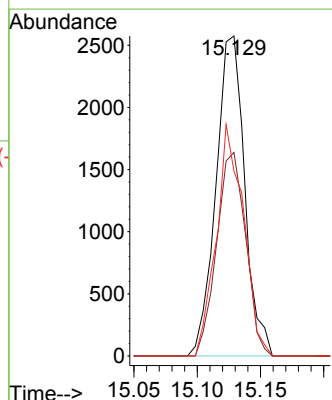
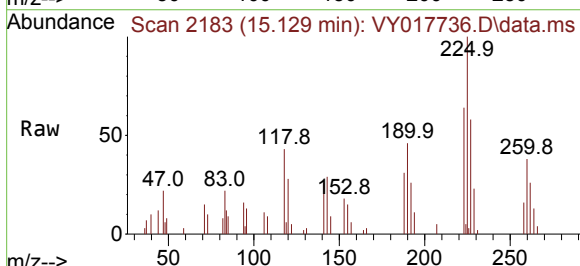
Tgt Ion:225 Resp: 4066

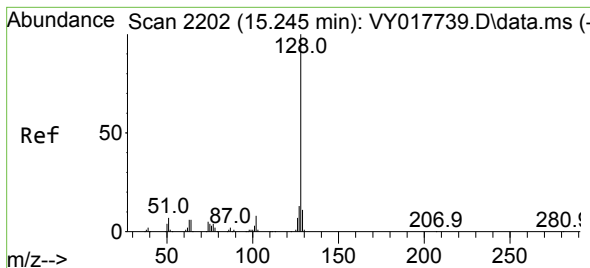
Ion Ratio Lower Upper

225 100

223 64.2 30.4 91.2

227 68.6 31.9 95.9





#95

Naphthalene

Concen: 5.255 ug/l

RT: 15.257 min Scan# 2202

Delta R.T. 0.012 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

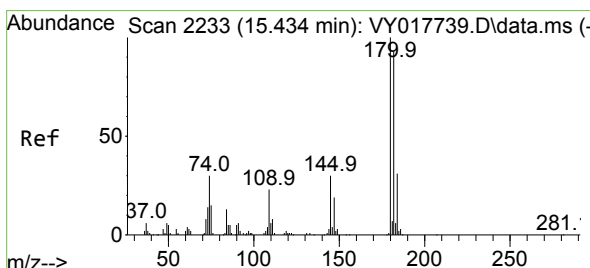
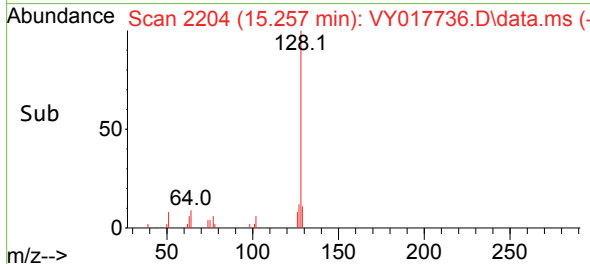
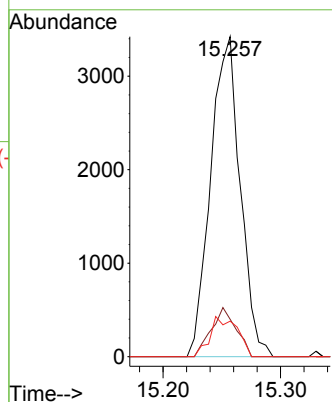
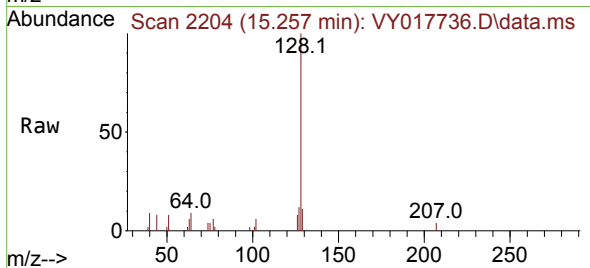
Tgt Ion:128 Resp: 5977

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.331 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY017736.D

Acq: 22 Mar 2024 09:44

Tgt Ion:180 Resp: 4139

Ion Ratio Lower Upper

180 100

182 97.9 47.6 142.9

145 32.1 15.4 46.1

