

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017092.D
 Acq On : 24 Jan 2024 14:50
 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: Jan 25 04:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	134208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	232915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	196380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82757	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.161	65	6603	5.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.100%#
35) Dibromofluoromethane	7.734	113	6748	4.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.600%#
50) Toluene-d8	10.197	98	24640	4.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.280%#
62) 4-Bromofluorobenzene	12.496	95	7627	4.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.320%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.918	85	7602	2.707	ug/l	98
3) Chloromethane	2.125	50	13365	4.144	ug/l	96
4) Vinyl Chloride	2.266	62	14373	2.995	ug/l	98
5) Bromomethane	2.674	94	11060	4.244	ug/l	95
6) Chloroethane	2.814	64	8929	3.580	ug/l	95
7) Trichlorofluoromethane	3.144	101	19958	5.905	ug/l	94
8) Diethyl Ether	3.546	74	4491	5.808	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	9044	6.025	ug/l	97
10) Methyl Iodide	4.119	142	6967	4.885	ug/l	99
11) Tert butyl alcohol	4.991	59	3195	31.022	ug/l #	75
12) 1,1-Dichloroethene	3.893	96	7995	5.818	ug/l	95
13) Acrolein	3.759	56	4300	27.420	ug/l	100
14) Allyl chloride	4.503	41	11847	5.704	ug/l	97
15) Acrylonitrile	5.192	53	9335	27.816	ug/l	98
16) Acetone	3.979	43	14794	15.838	ug/l	95
17) Carbon Disulfide	4.217	76	24244	5.854	ug/l	97
18) Methyl Acetate	4.503	43	7317	5.455	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	18387	5.483	ug/l	99
20) Methylene Chloride	4.741	84	13919	3.984	ug/l	95
21) trans-1,2-Dichloroethene	5.247	96	8741	5.499	ug/l	95
22) Diisopropyl ether	6.143	45	24286	5.297	ug/l	98
23) Vinyl Acetate	6.088	43	60159	27.051	ug/l	99
24) 1,1-Dichloroethane	6.045	63	16400	5.865	ug/l	94
25) 2-Butanone	7.015	43	16138	24.023	ug/l	94
26) 2,2-Dichloropropane	7.009	77	13884	5.813	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	9614	5.458	ug/l	95
28) Bromochloromethane	7.350	49	5689	5.110	ug/l	99
29) Tetrahydrofuran	7.381	42	6853	25.846	ug/l	98
30) Chloroform	7.527	83	16392	5.757	ug/l	96
31) Cyclohexane	7.807	56	16210	4.099	ug/l #	78
32) 1,1,1-Trichloroethane	7.722	97	13743	5.629	ug/l	97
36) 1,1-Dichloropropene	7.941	75	12889	5.573	ug/l	98
37) Ethyl Acetate	7.100	43	5660	5.691	ug/l #	95
38) Carbon Tetrachloride	7.923	117	12657	5.584	ug/l	98
39) Methylcyclohexane	9.197	83	14603	5.249	ug/l	95
40) Benzene	8.179	78	36856	5.487	ug/l	100

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 25 04:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	3230	6.073	ug/l	89
42) 1,2-Dichloroethane	8.252	62	9522	5.468	ug/l	98
43) Isopropyl Acetate	8.295	43	9836	5.298	ug/l #	88
44) Trichloroethene	8.960	130	9226	5.355	ug/l	94
45) 1,2-Dichloropropane	9.228	63	8923	5.412	ug/l	98
46) Dibromomethane	9.319	93	4893	5.588	ug/l	98
47) Bromodichloromethane	9.514	83	12142	5.451	ug/l	98
48) Methyl methacrylate	9.313	41	4843	4.698	ug/l	91
49) 1,4-Dioxane	9.325	88	882	102.424	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	25514	25.834	ug/l	95
52) Toluene	10.258	92	20699	5.091	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	10646	5.232	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	12747	5.093	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	7023	5.739	ug/l	93
56) Ethyl methacrylate	10.520	69	5057	4.726	ug/l	95
57) 1,3-Dichloropropane	10.807	76	11374	5.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	15350	20.665	ug/l	99
59) 2-Hexanone	10.843	43	19946	26.472	ug/l	99
60) Dibromochloromethane	10.996	129	7752	5.453	ug/l	96
61) 1,2-Dibromoethane	11.106	107	6036	5.430	ug/l	98
64) Tetrachloroethene	10.734	164	7709	5.632	ug/l	95
65) Chlorobenzene	11.526	112	23110	5.553	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.599	131	8081	5.316	ug/l	96
67) Ethyl Benzene	11.605	91	38911	5.143	ug/l	97
68) m/p-Xylenes	11.715	106	29266	10.296	ug/l	99
69) o-Xylene	12.044	106	12815	4.963	ug/l	96
70) Styrene	12.057	104	18019	4.807	ug/l	98
71) Bromoform	12.221	173	4106	5.387	ug/l #	99
73) Isopropylbenzene	12.343	105	36049	5.299	ug/l	99
74) N-amyl acetate	12.154	43	6820	4.973	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	7338	5.656	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	8715	5.571	ug/l #	100
77) Bromobenzene	12.624	156	7794	5.294	ug/l	97
78) n-propylbenzene	12.685	91	42561	5.201	ug/l	99
79) 2-Chlorotoluene	12.770	91	24475	5.451	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	27467	5.101	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	2174	5.603	ug/l	93
82) 4-Chlorotoluene	12.867	91	25766	5.537	ug/l	97
83) tert-Butylbenzene	13.087	119	23817	5.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	27420	5.124	ug/l	100
85) sec-Butylbenzene	13.264	105	36135	5.240	ug/l	98
86) p-Isopropyltoluene	13.380	119	28967	5.043	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	15563	5.355	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	16266	5.688	ug/l	97
89) n-Butylbenzene	13.709	91	28783	5.195	ug/l	100
90) Hexachloroethane	13.971	117	6550	5.471	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	13590	5.475	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	949	5.728	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	6710	5.173	ug/l	96
94) Hexachlorobutadiene	15.123	225	4501	5.766	ug/l	97
95) Naphthalene	15.251	128	11027	4.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	5662	5.247	ug/l	96

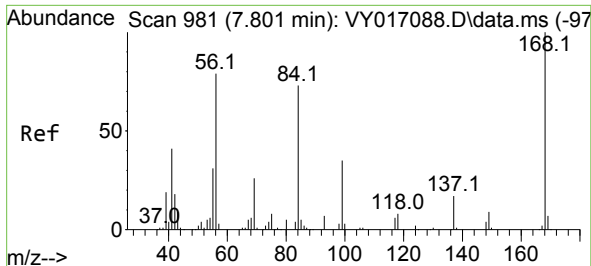
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
Data File : VY017092.D
Acq On : 24 Jan 2024 14:50
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:13:31 2024
Response via : Initial Calibration

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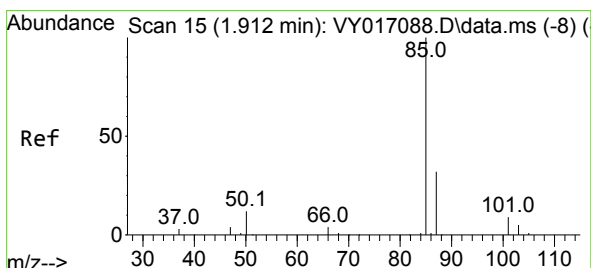
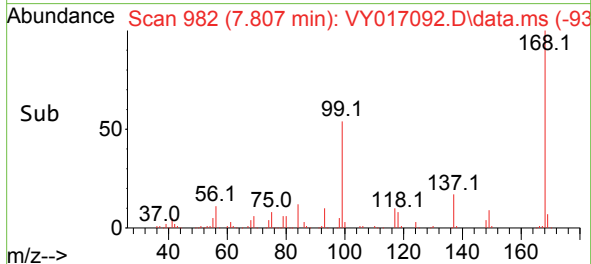
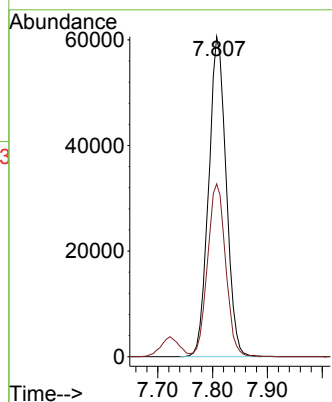
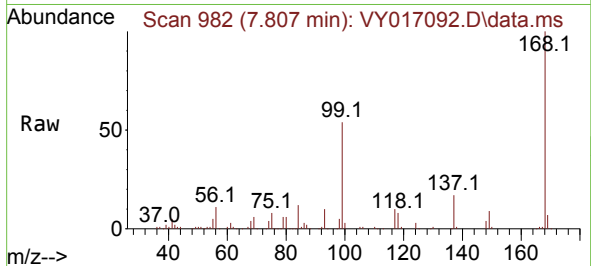
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

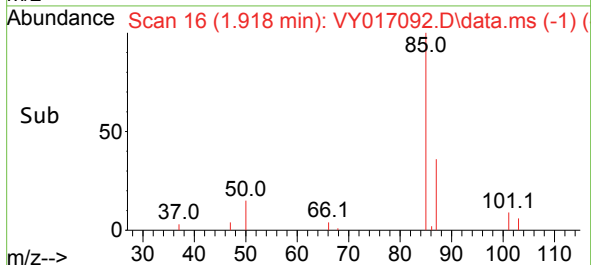
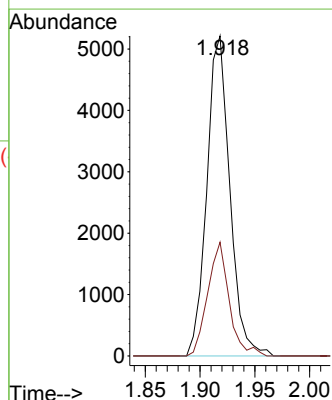
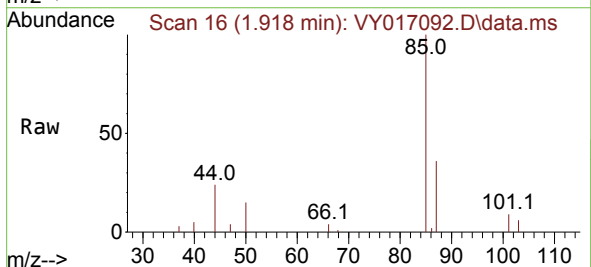
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

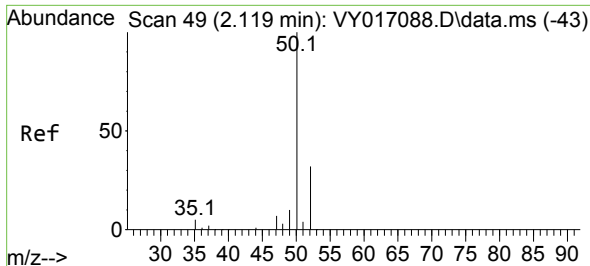
Tgt Ion:168 Resp: 134208
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 2.707 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 85 Resp: 7602
Ion Ratio Lower Upper
85 100
87 35.6 17.1 51.3

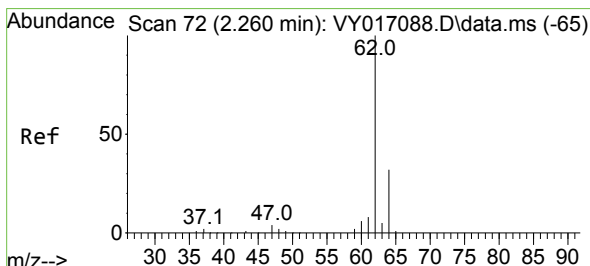
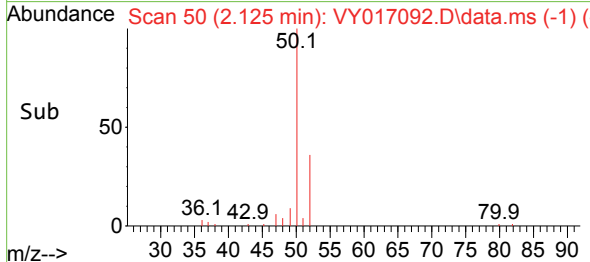
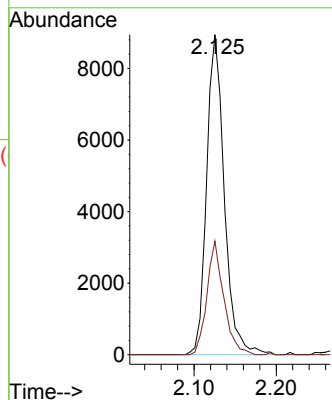
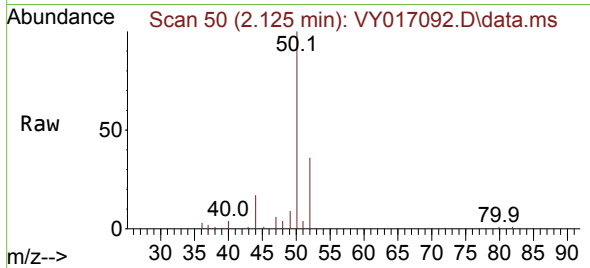




#3
Chloromethane
Concen: 4.144 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

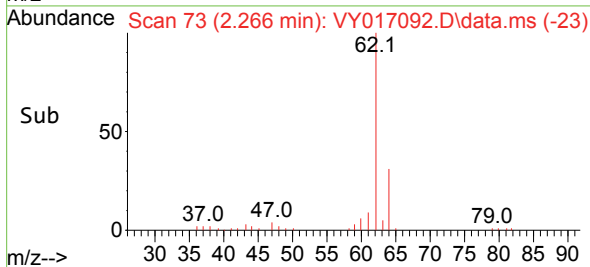
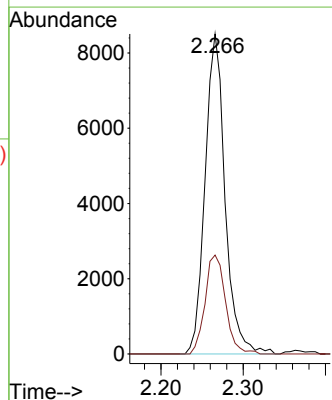
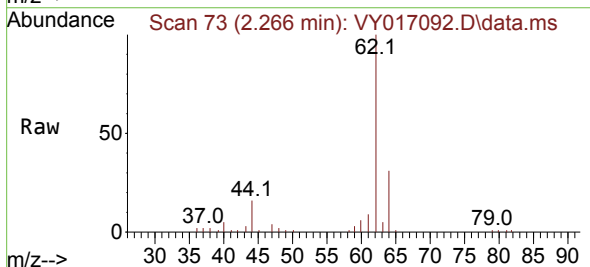
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

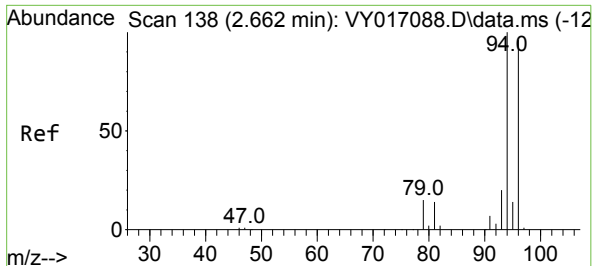
Tgt Ion: 50 Resp: 13365
Ion Ratio Lower Upper
50 100
52 35.5 26.7 40.1



#4
Vinyl Chloride
Concen: 2.995 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 62 Resp: 14373
Ion Ratio Lower Upper
62 100
64 30.9 25.7 38.5





#5

Bromomethane

Concen: 4.244 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

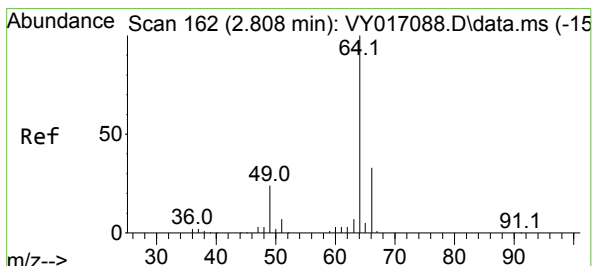
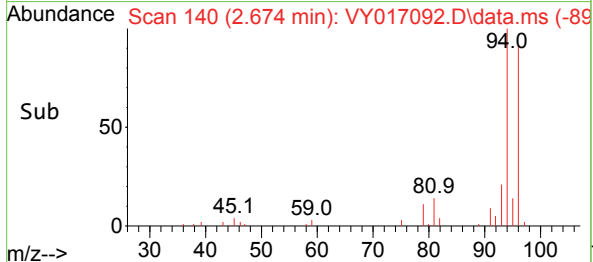
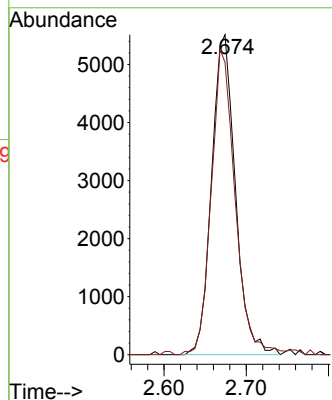
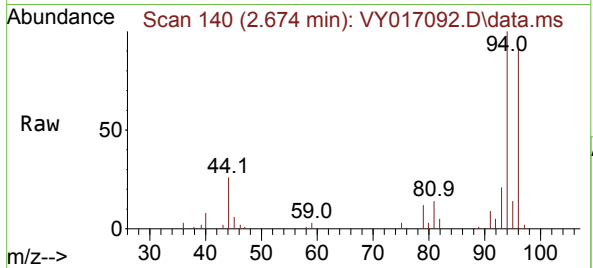
VSTDIC005

Tgt Ion: 94 Resp: 11060

Ion Ratio Lower Upper

94 100

96 91.3 77.3 115.9



#6

Chloroethane

Concen: 3.580 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.006 min

Lab File: VY017092.D

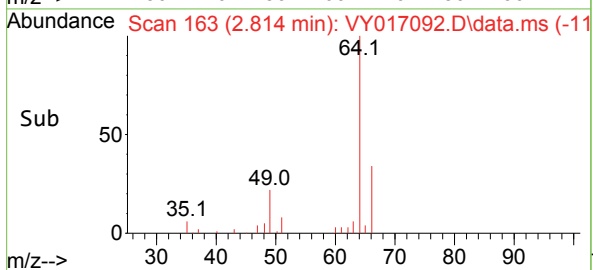
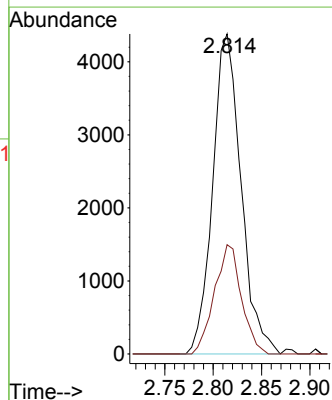
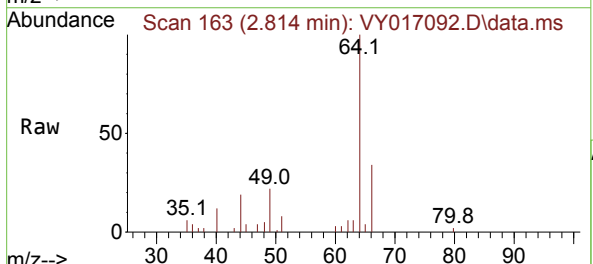
Acq: 24 Jan 2024 14:50

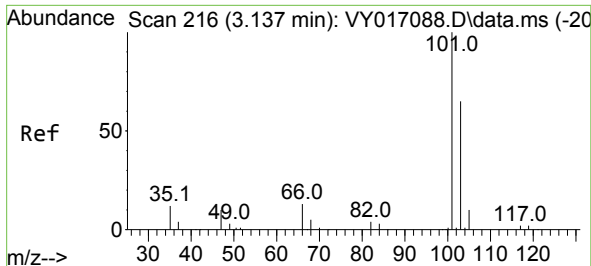
Tgt Ion: 64 Resp: 8929

Ion Ratio Lower Upper

64 100

66 34.2 25.1 37.7

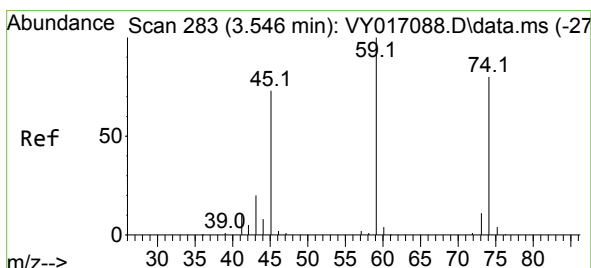
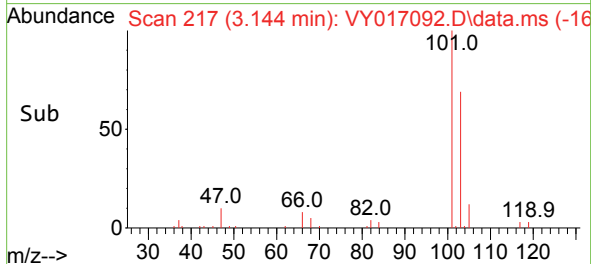
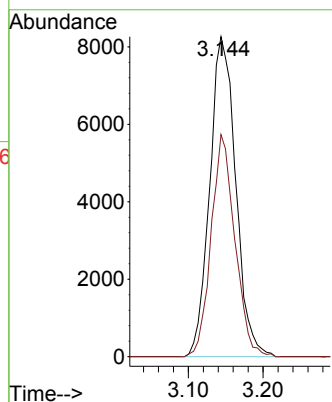
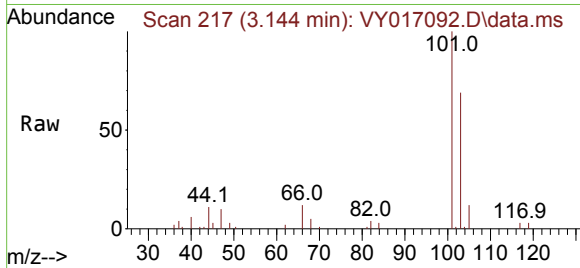




#7
 Trichlorofluoromethane
 Concen: 5.905 ug/l
 RT: 3.144 min Scan# 216
 Delta R.T. 0.007 min
 Lab File: VY017092.D
 Acq: 24 Jan 2024 14:50

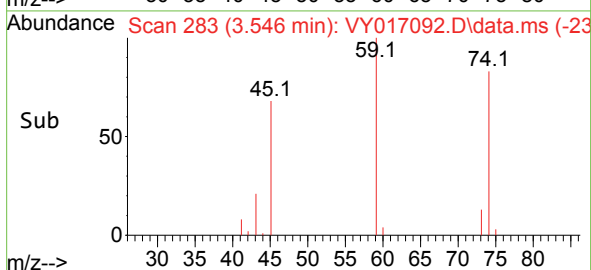
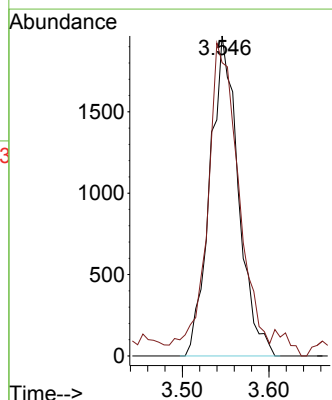
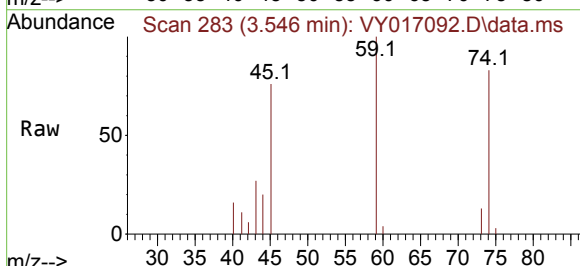
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

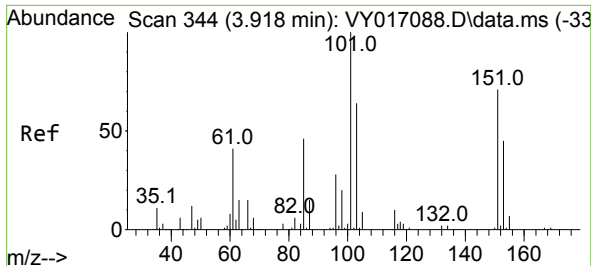
Tgt Ion:101 Resp: 19958
 Ion Ratio Lower Upper
 101 100
 103 69.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 5.808 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY017092.D
 Acq: 24 Jan 2024 14:50

Tgt Ion: 74 Resp: 4491
 Ion Ratio Lower Upper
 74 100
 45 100.8 47.9 143.7

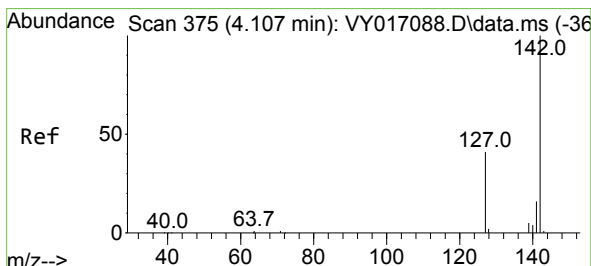
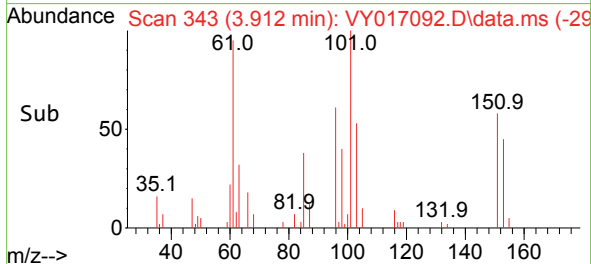
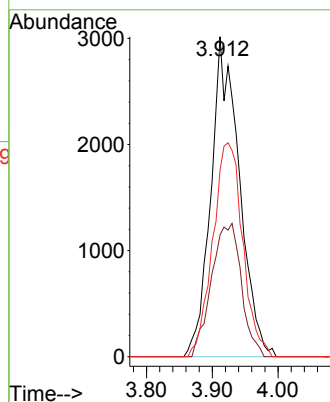
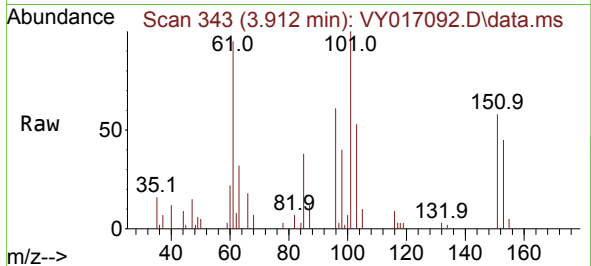




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.025 ug/l
RT: 3.912 min Scan# 344
Delta R.T. 0.001 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

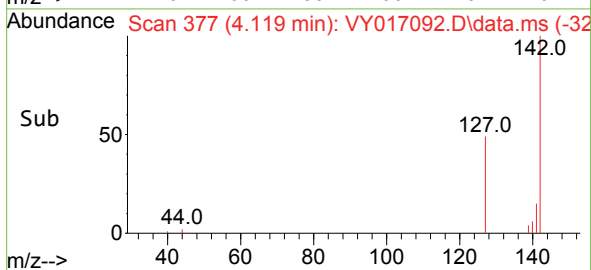
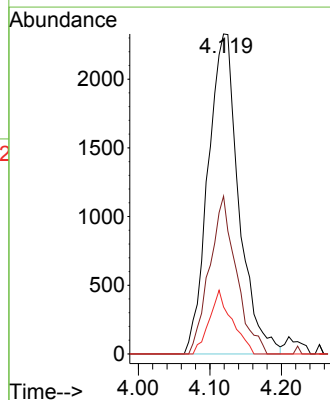
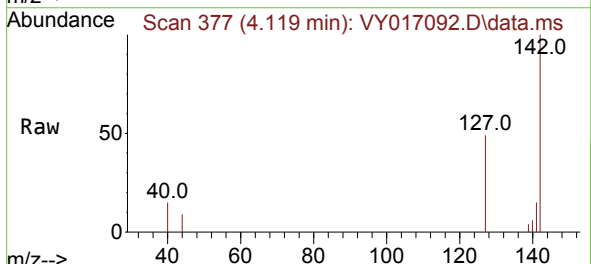
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

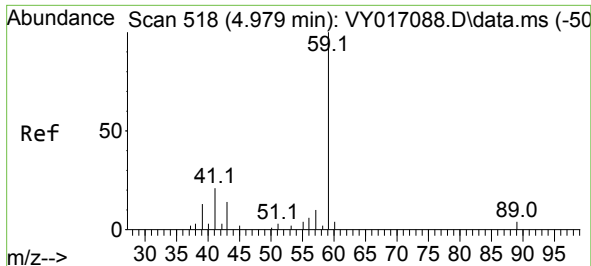
Tgt Ion:101	Resp:	9044
Ion	Ratio	Lower Upper
101	100	
85	43.9	35.8 53.6
151	70.3	58.6 88.0



#10
Methyl Iodide
Concen: 4.885 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion:142	Resp:	6967
Ion	Ratio	Lower Upper
142	100	
127	42.9	35.1 52.7
141	14.7	11.8 17.6

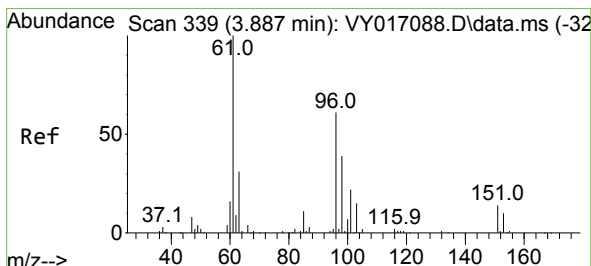
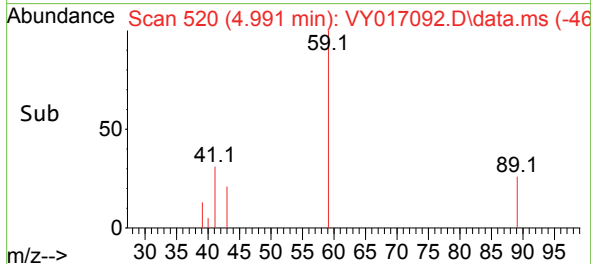
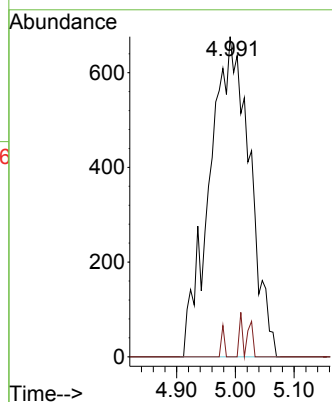
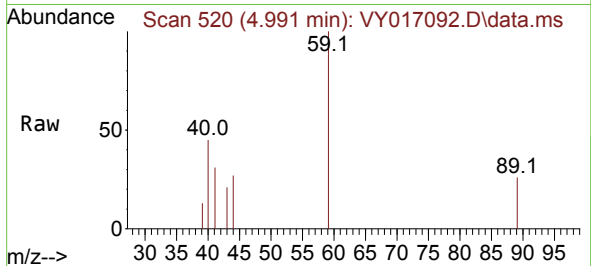




#11
Tert butyl alcohol
Concen: 31.022 ug/l
RT: 4.991 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

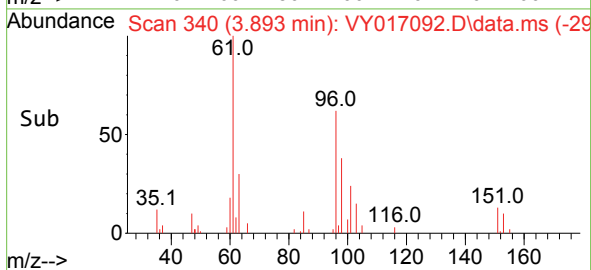
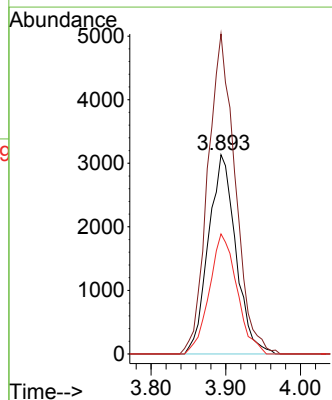
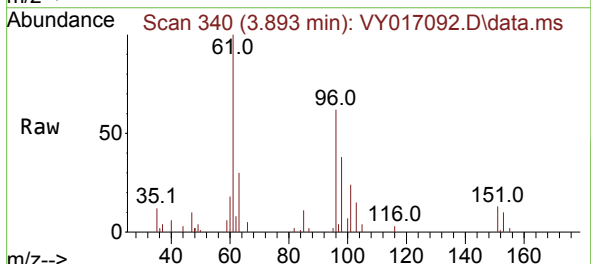
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

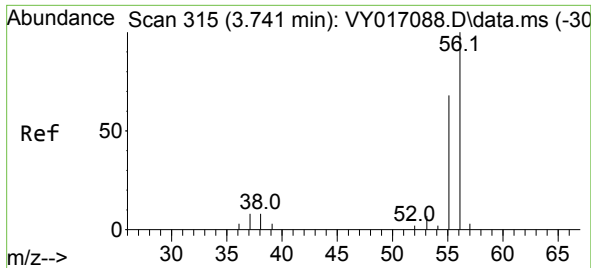
Tgt Ion: 59 Resp: 3195
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 5.818 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 96 Resp: 7995
Ion Ratio Lower Upper
96 100
61 160.6 124.2 186.2
98 60.2 52.6 79.0





#13

Acrolein

Concen: 27.420 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

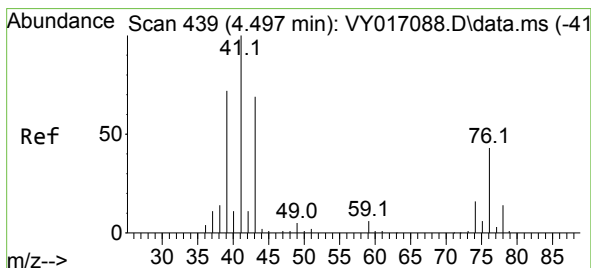
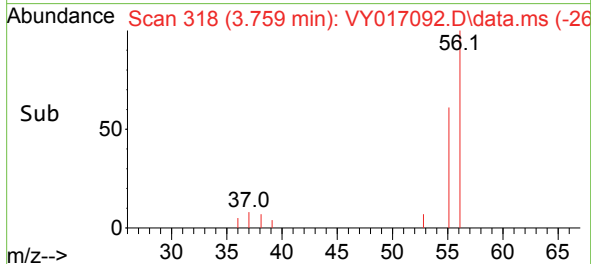
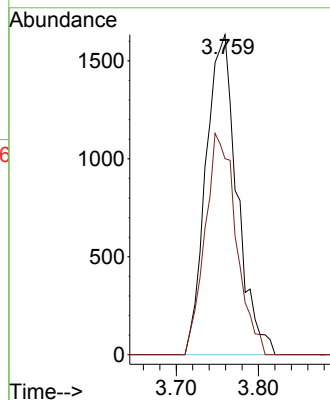
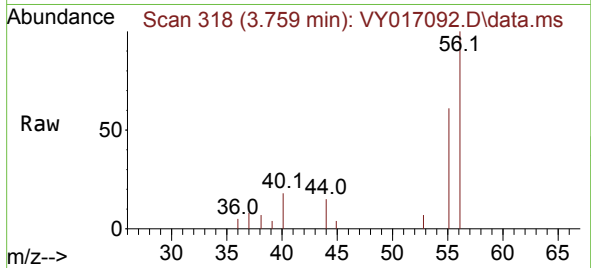
VSTDICC005

Tgt Ion: 56 Resp: 4300

Ion Ratio Lower Upper

56 100

55 69.1 55.4 83.0



#14

Allyl chloride

Concen: 5.704 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

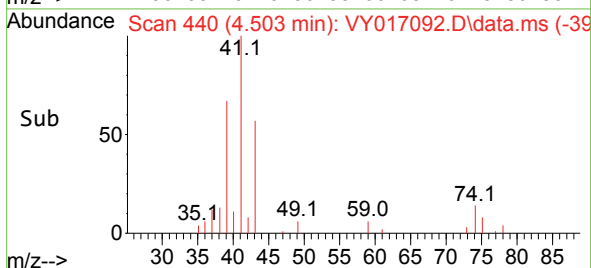
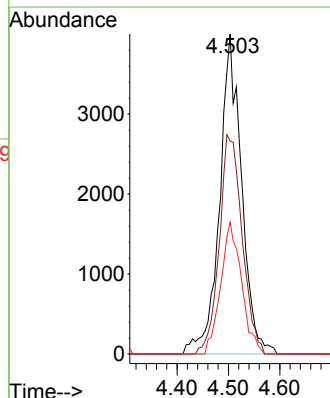
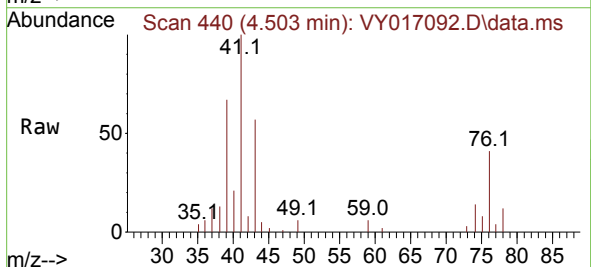
Tgt Ion: 41 Resp: 11847

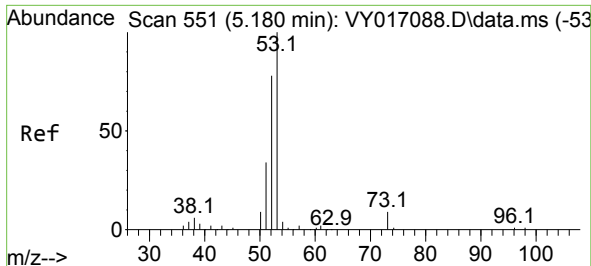
Ion Ratio Lower Upper

41 100

39 71.1 54.7 82.1

76 39.0 31.8 47.6

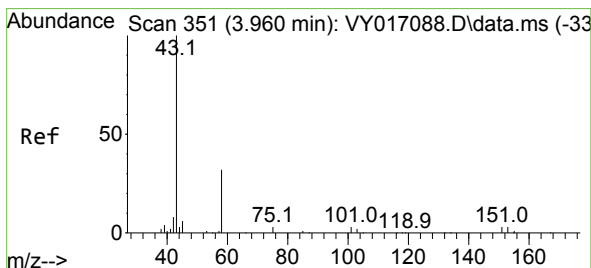
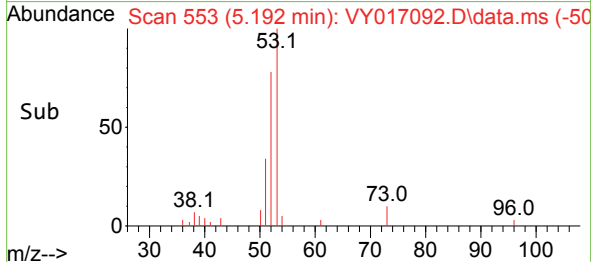
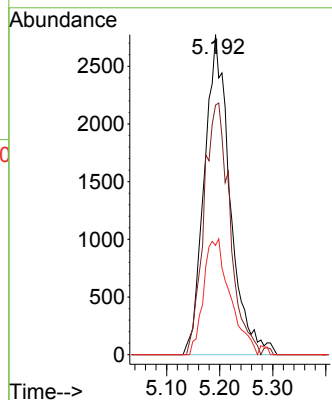
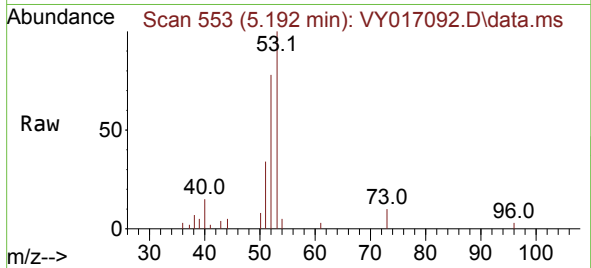




#15
Acrylonitrile
Concen: 27.816 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

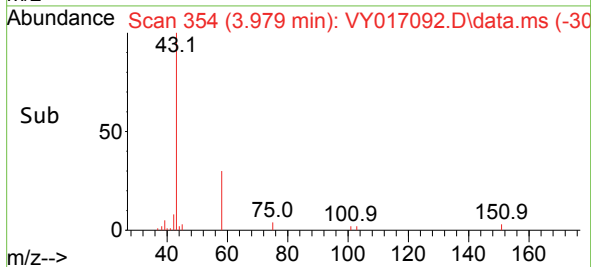
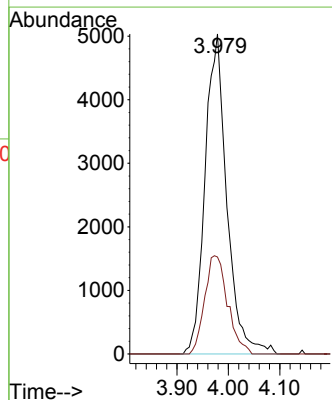
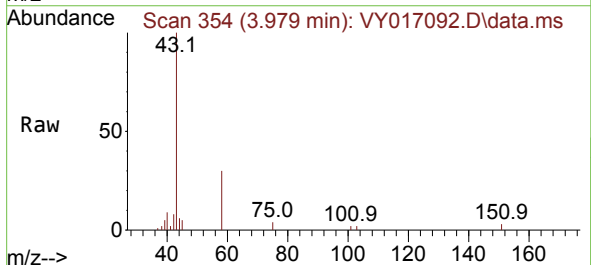
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

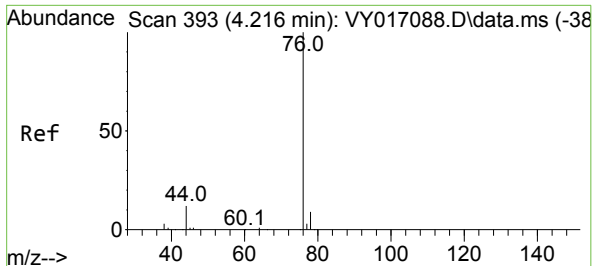
Tgt Ion:	53	Resp:	9335
Ion	Ratio	Lower	Upper
53	100		
52	79.7	65.1	97.7
51	37.3	29.0	43.4



#16
Acetone
Concen: 15.838 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion:	43	Resp:	14794
Ion	Ratio	Lower	Upper
43	100		
58	30.3	26.6	39.8





#17

Carbon Disulfide

Concen: 5.854 ug/l

RT: 4.217 min Scan# 393

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

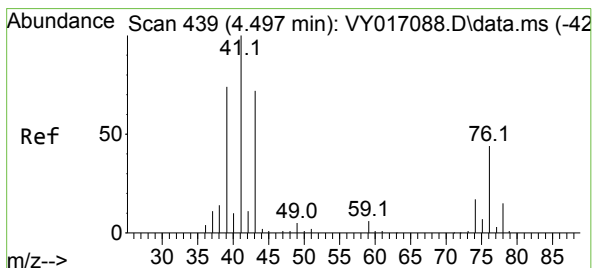
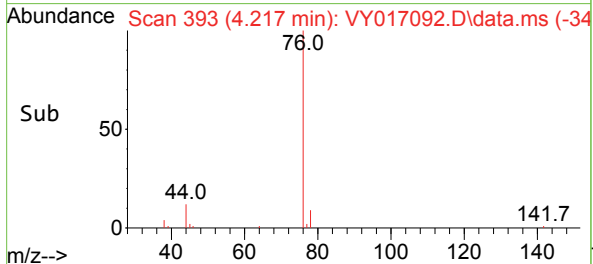
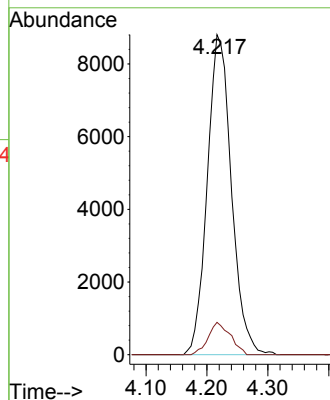
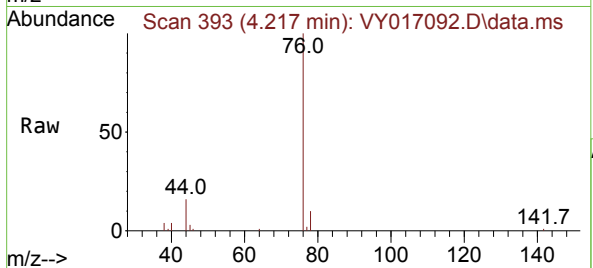
VSTDIC005

Tgt Ion: 76 Resp: 24244

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0



#18

Methyl Acetate

Concen: 5.455 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017092.D

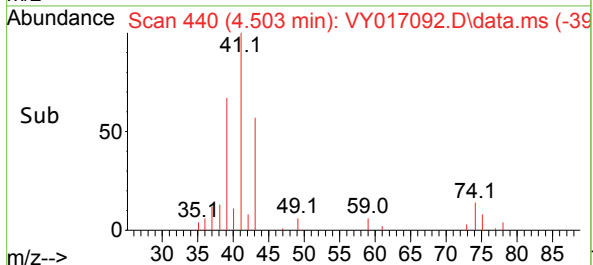
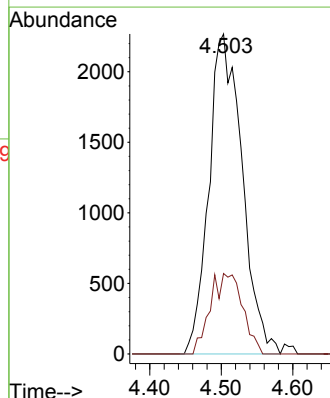
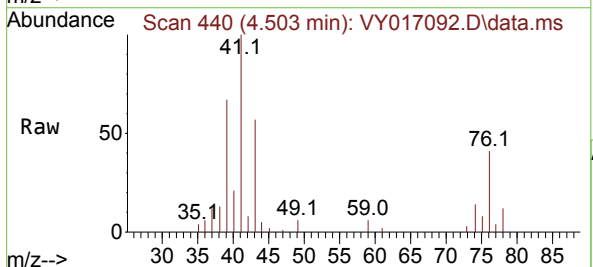
Acq: 24 Jan 2024 14:50

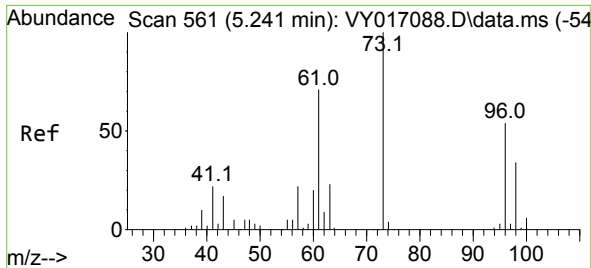
Tgt Ion: 43 Resp: 7317

Ion Ratio Lower Upper

43 100

74 24.5 19.8 29.6

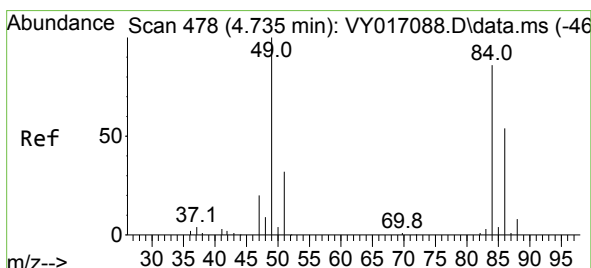
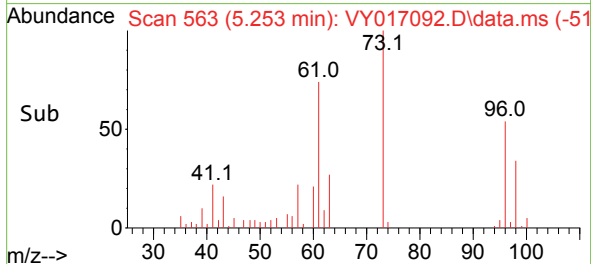
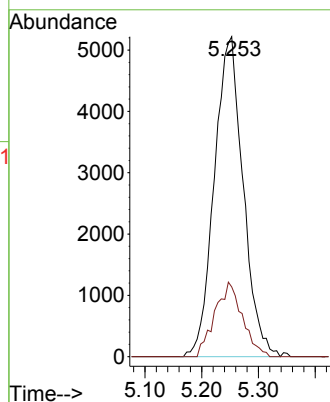
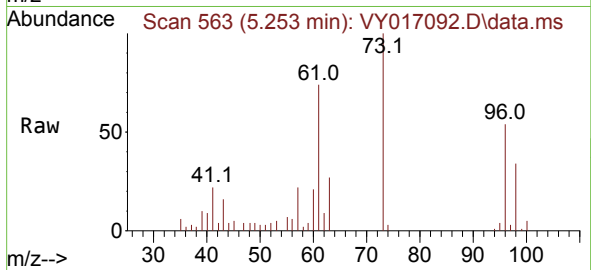




#19
Methyl tert-butyl Ether
Concen: 5.483 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.019 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

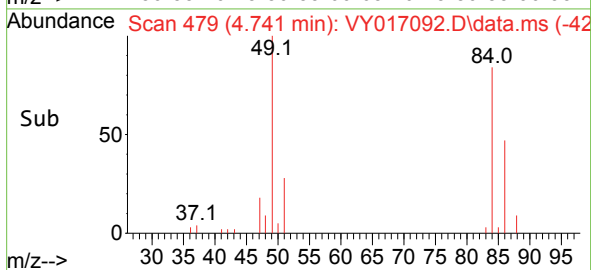
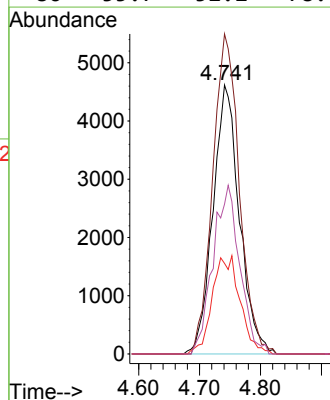
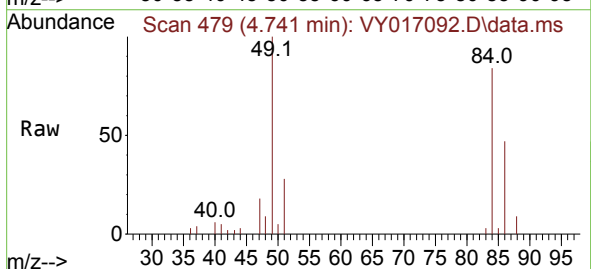
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

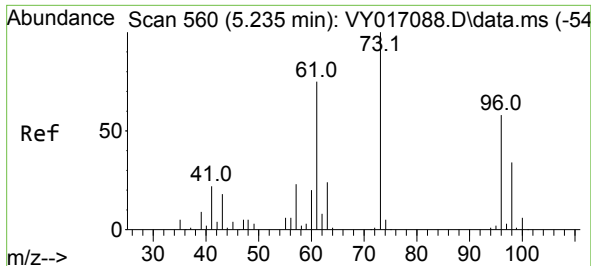
Tgt Ion: 73 Resp: 18387
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 3.984 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 84 Resp: 13919
Ion Ratio Lower Upper
84 100
49 119.0 95.2 142.8
51 33.7 29.9 44.9
86 55.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 5.499 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

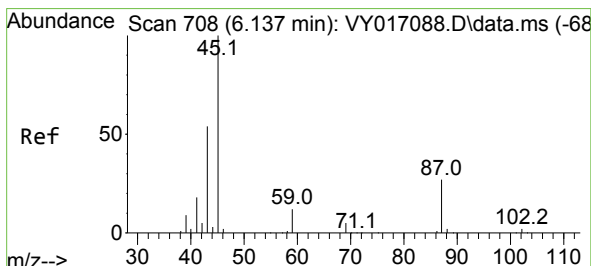
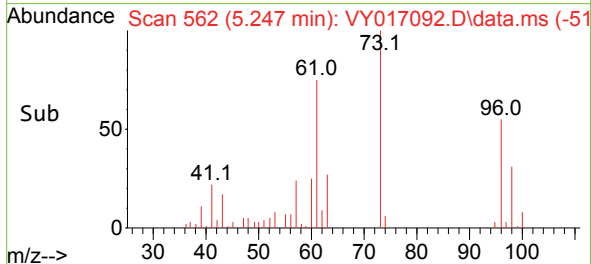
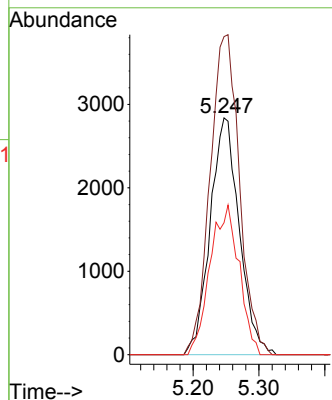
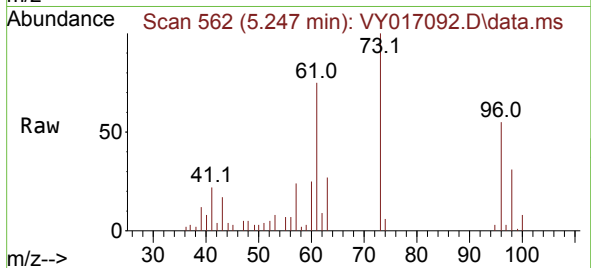
Tgt Ion: 96 Resp: 8741

Ion Ratio Lower Upper

96 100

61 134.3 104.6 156.8

98 55.7 50.9 76.3



#22

Diisopropyl ether

Concen: 5.297 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Tgt Ion: 45 Resp: 24286

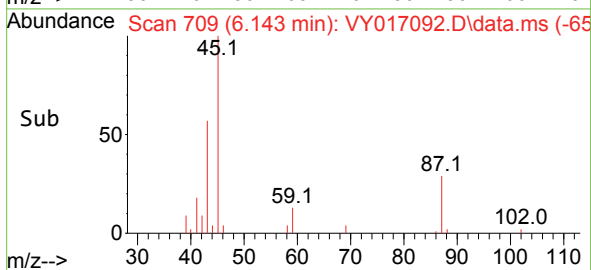
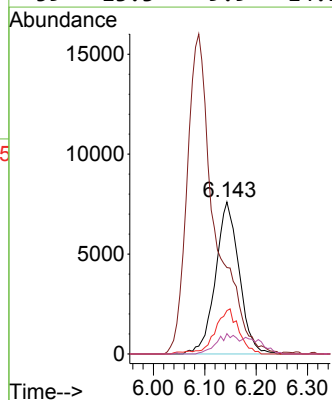
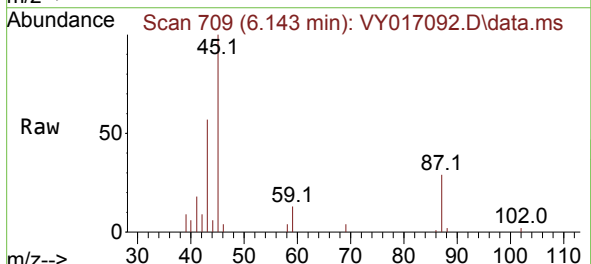
Ion Ratio Lower Upper

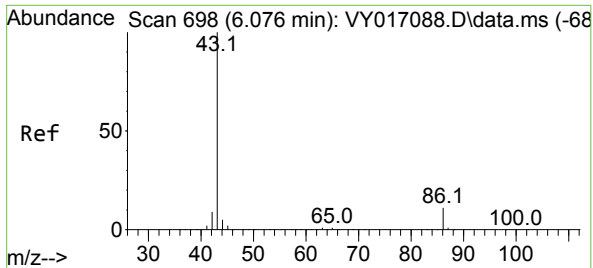
45 100

43 56.8 46.8 70.2

87 28.5 22.2 33.2

59 13.3 9.9 14.9

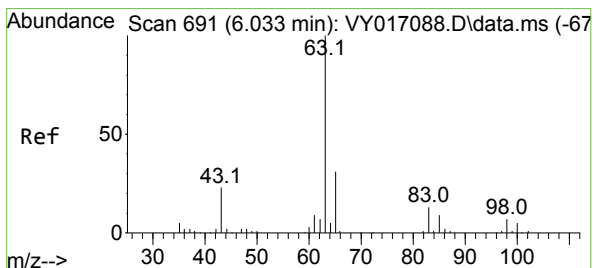
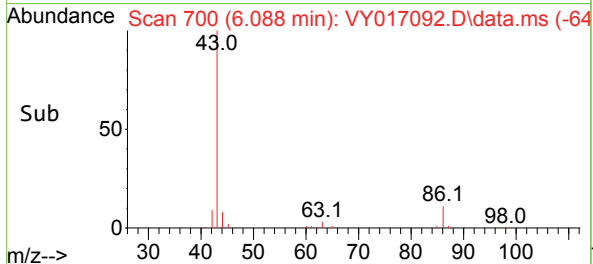
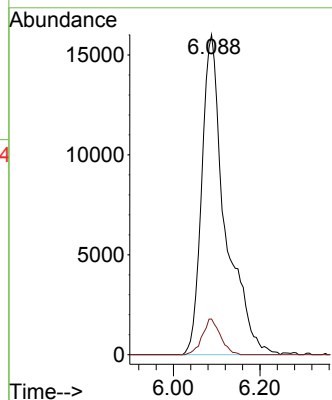
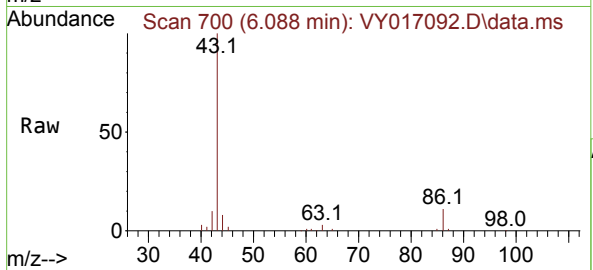




#23
 Vinyl Acetate
 Concen: 27.051 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY017092.D
 Acq: 24 Jan 2024 14:50

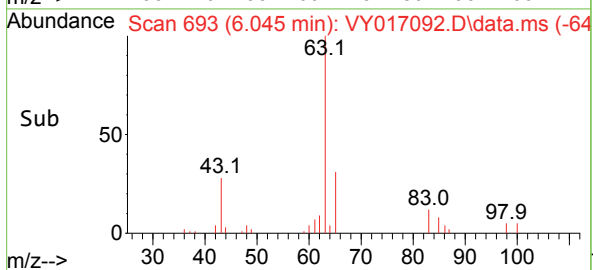
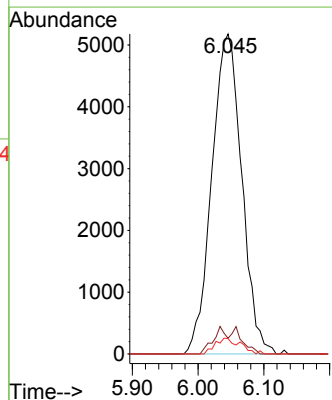
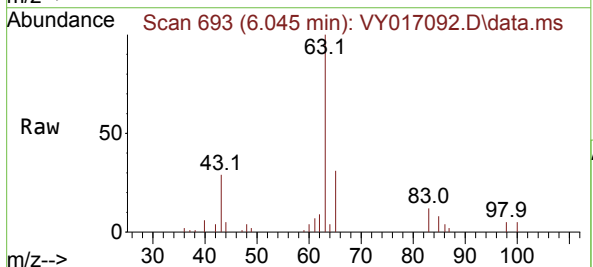
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

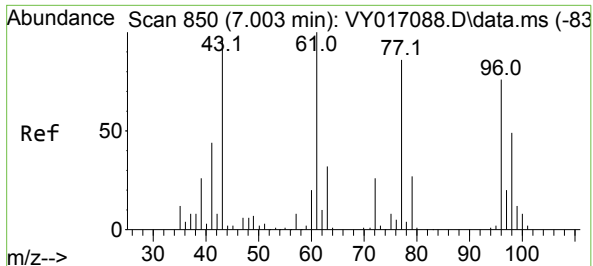
Tgt Ion: 43 Resp: 60159
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 5.865 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY017092.D
 Acq: 24 Jan 2024 14:50

Tgt Ion: 63 Resp: 16400
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 24.023 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

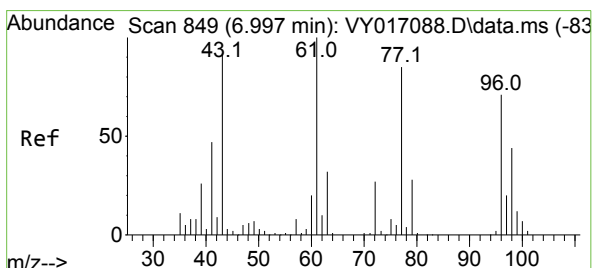
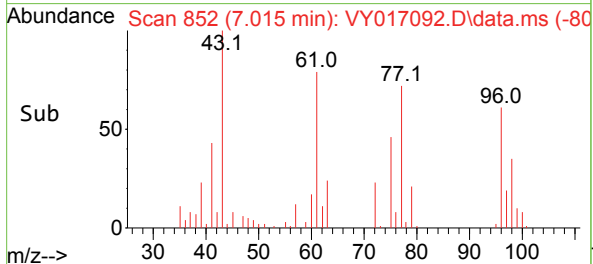
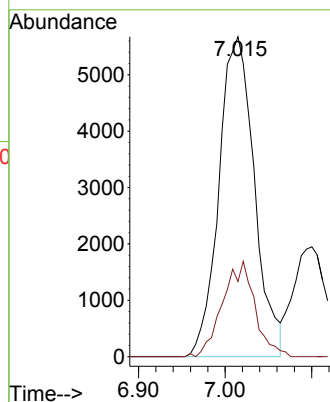
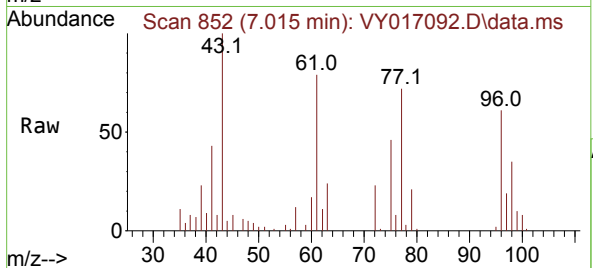
VSTDIC005

Tgt Ion: 43 Resp: 16138

Ion Ratio Lower Upper

43 100

72 23.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 5.813 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY017092.D

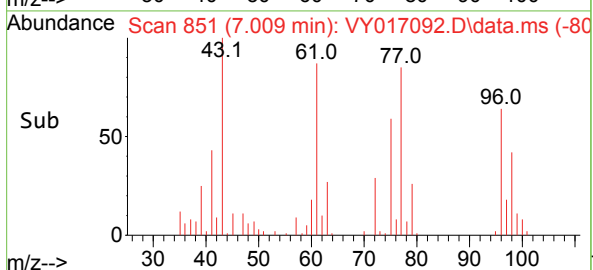
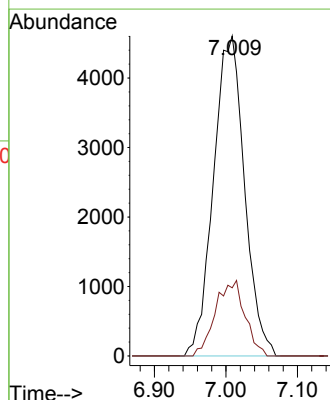
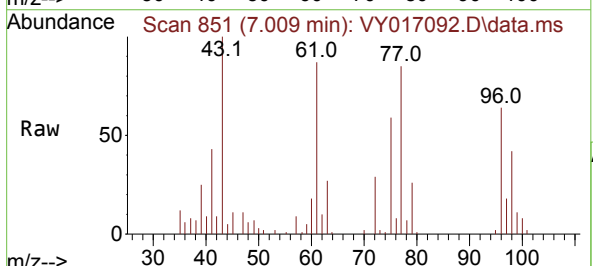
Acq: 24 Jan 2024 14:50

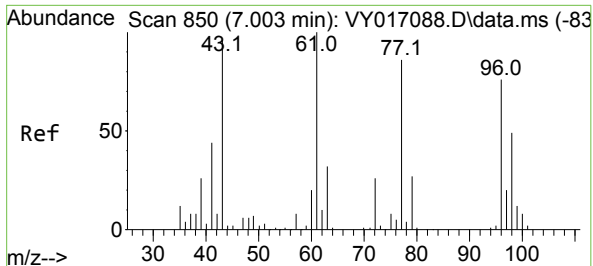
Tgt Ion: 77 Resp: 13884

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0

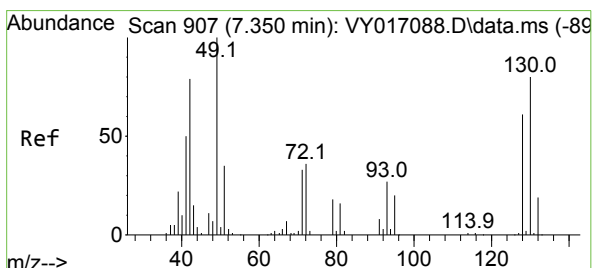
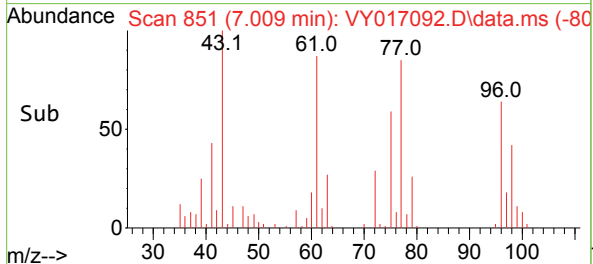
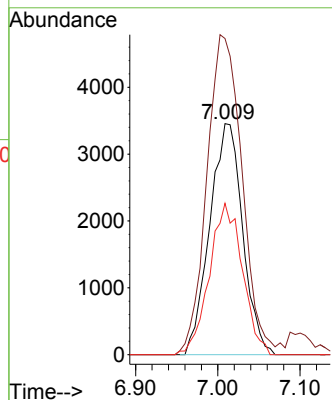
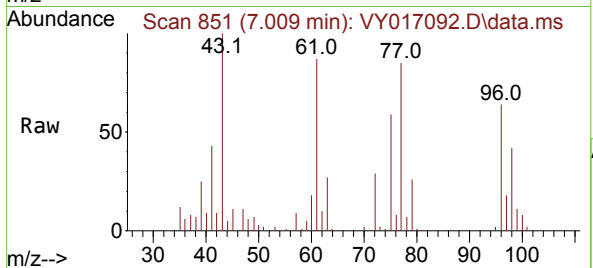




#27
 cis-1,2-Dichloroethene
 Concen: 5.458 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. 0.007 min
 Lab File: VY017092.D
 Acq: 24 Jan 2024 14:50

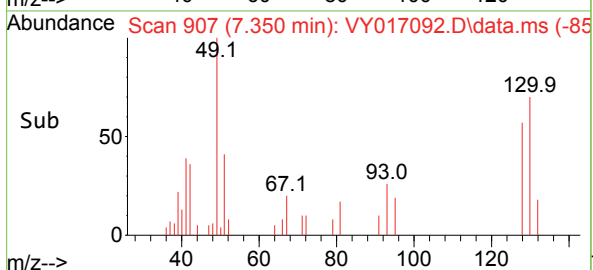
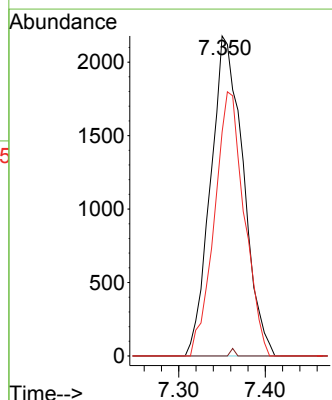
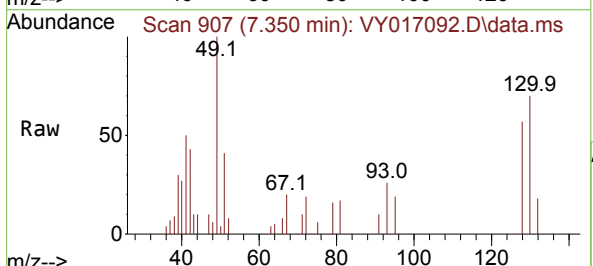
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

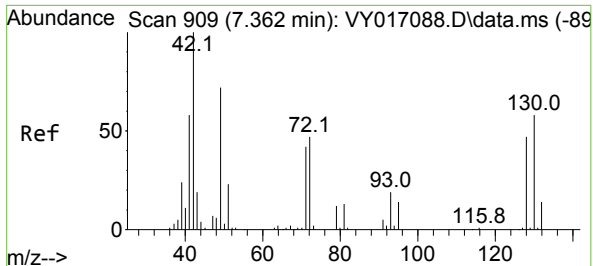
Tgt Ion: 96	Resp:	9614	
Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	278.8
98	65.6	0.0	127.0



#28
 Bromochloromethane
 Concen: 5.110 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY017092.D
 Acq: 24 Jan 2024 14:50

Tgt Ion: 49	Resp:	5689	
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	3.8
130	75.7	59.8	89.8





#29

Tetrahydrofuran

Concen: 25.846 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.019 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

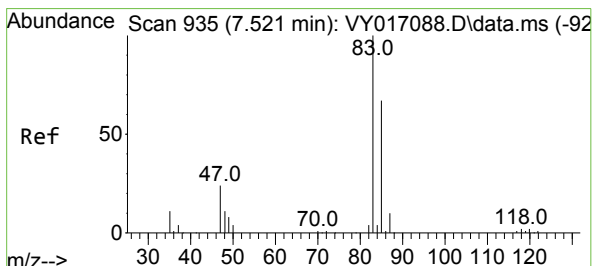
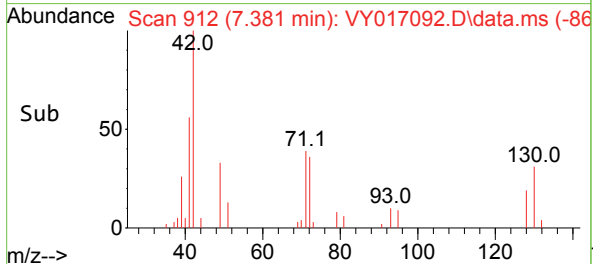
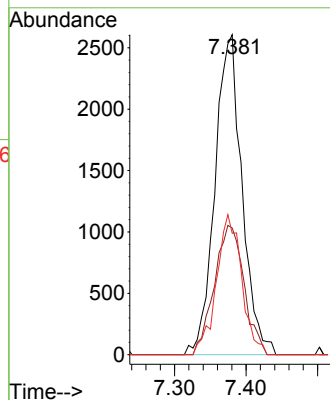
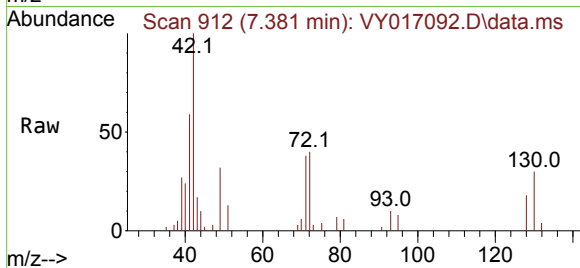
Tgt Ion: 42 Resp: 6853

Ion Ratio Lower Upper

42 100

72 44.3 36.6 54.8

71 40.8 33.8 50.6



#30

Chloroform

Concen: 5.757 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017092.D

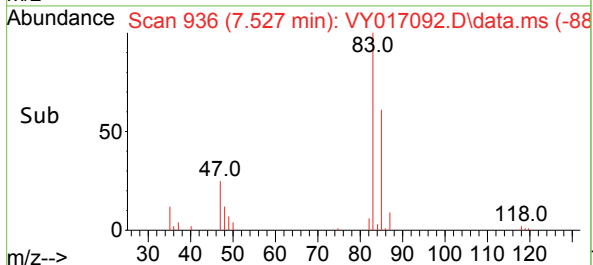
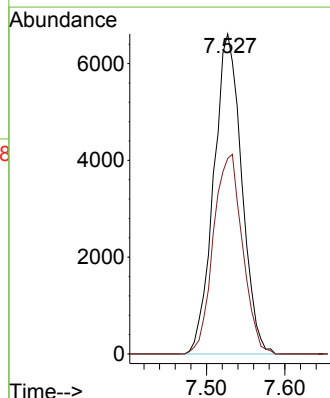
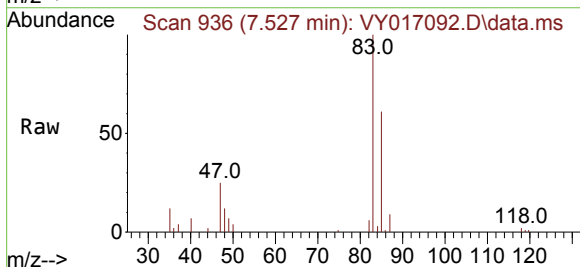
Acq: 24 Jan 2024 14:50

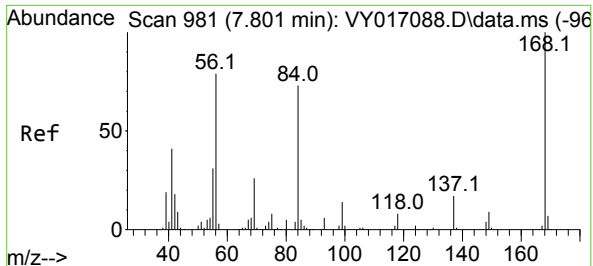
Tgt Ion: 83 Resp: 16392

Ion Ratio Lower Upper

83 100

85 61.1 51.2 76.8

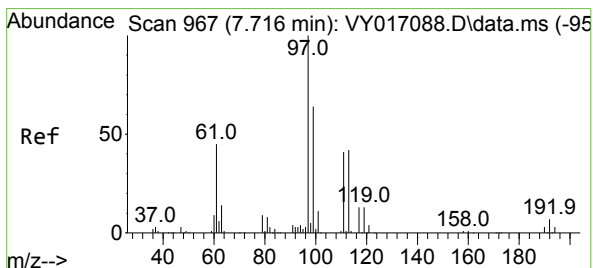
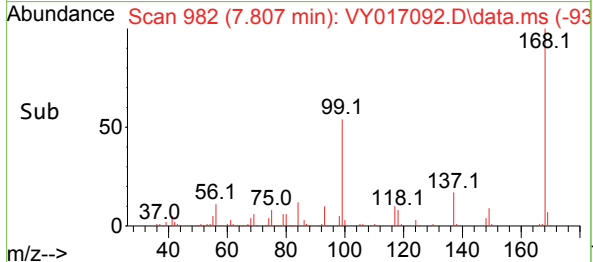
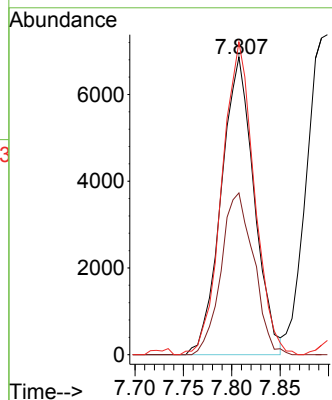
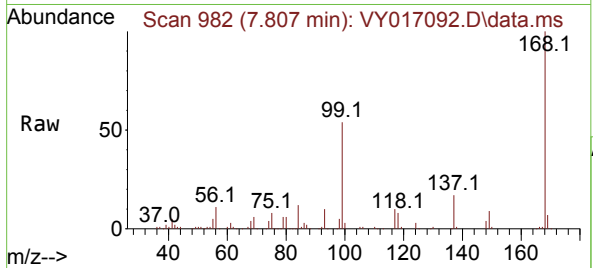




#31
Cyclohexane
Concen: 4.099 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

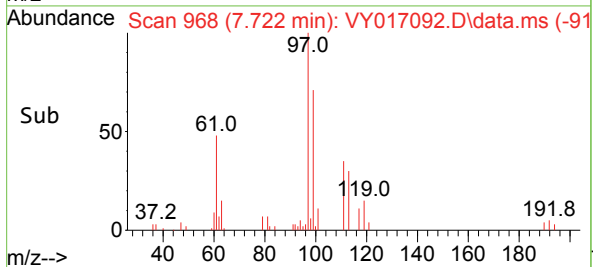
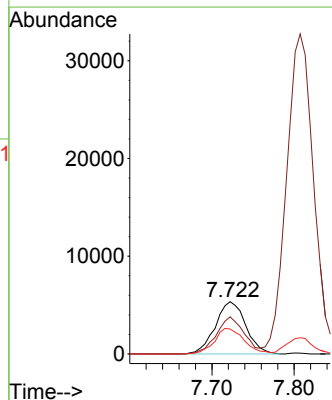
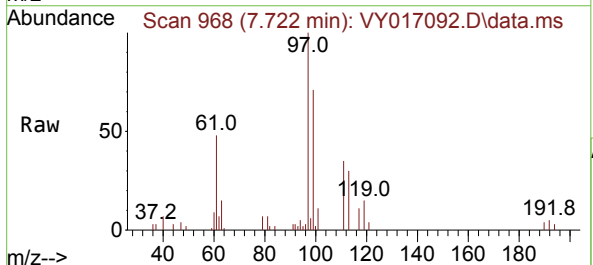
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

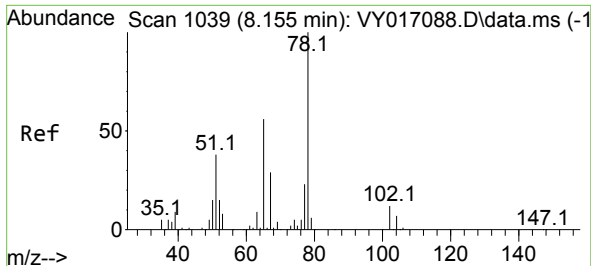
Tgt Ion: 56 Resp: 16210
Ion Ratio Lower Upper
56 100
69 54.3 27.0 40.6#
84 105.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 5.629 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 97 Resp: 13743
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 47.4 35.0 52.6

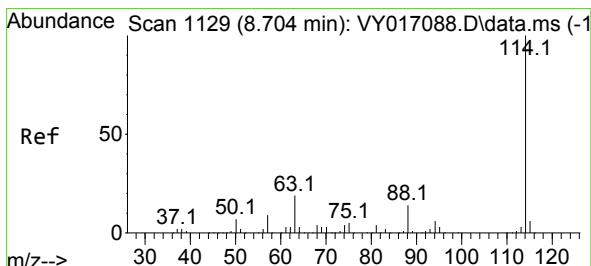
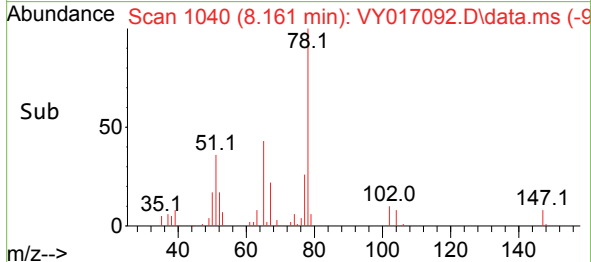
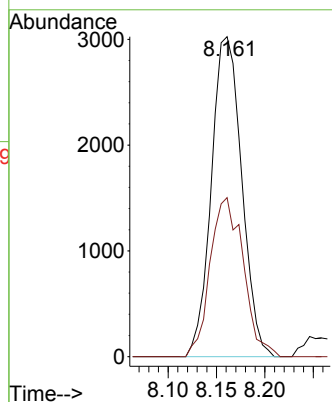
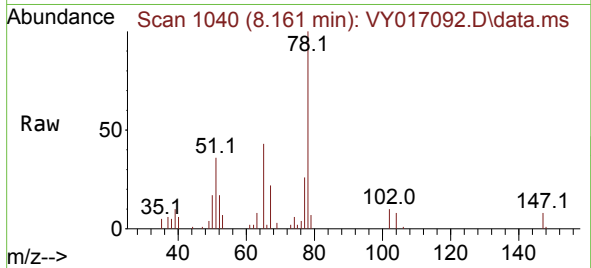




#33
1,2-Dichloroethane-d4
Concen: 5.050 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

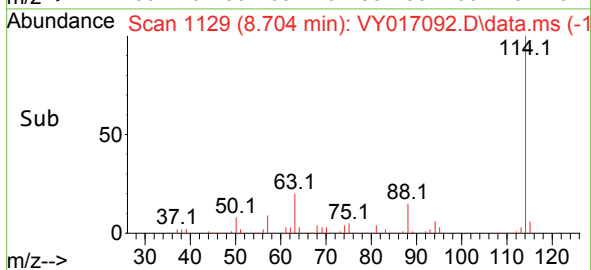
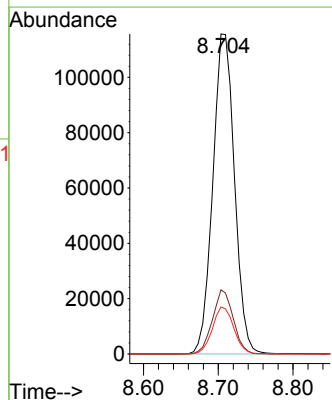
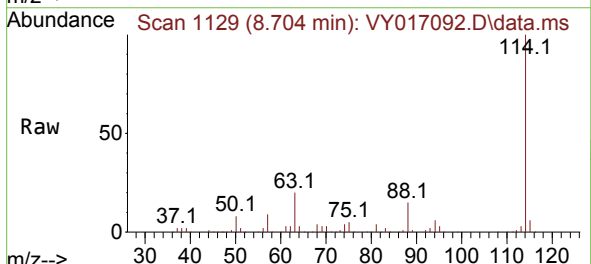
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

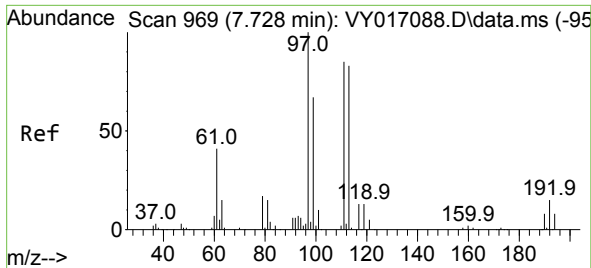
Tgt Ion: 65 Resp: 6603
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.001 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 114 Resp: 232915
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 14.7 0.0 29.0

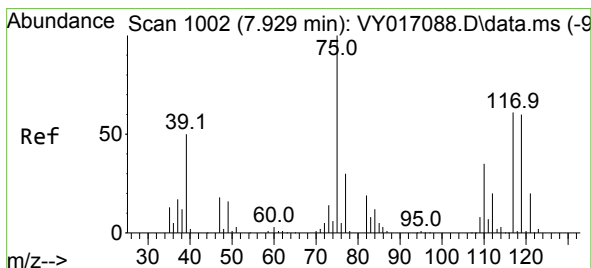
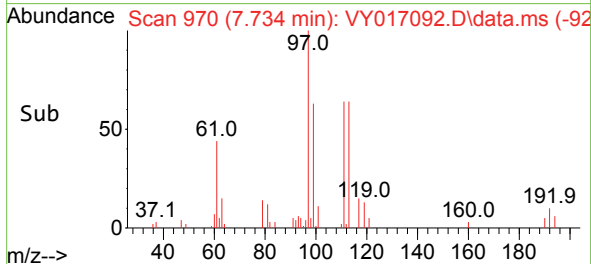
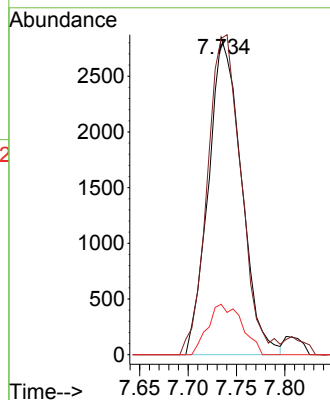
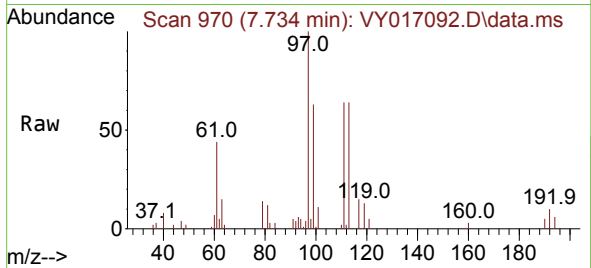




#35
Dibromofluoromethane
Concen: 4.800 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

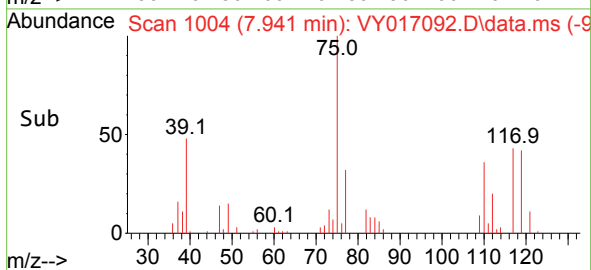
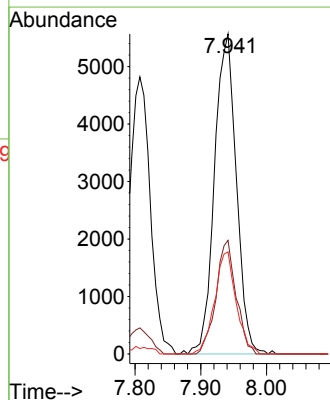
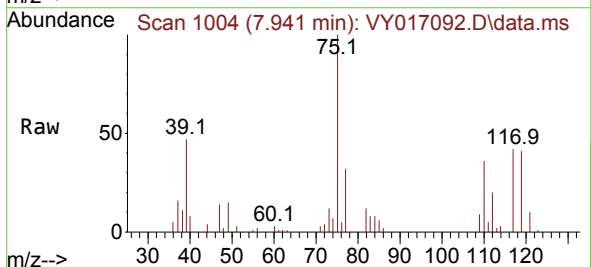
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

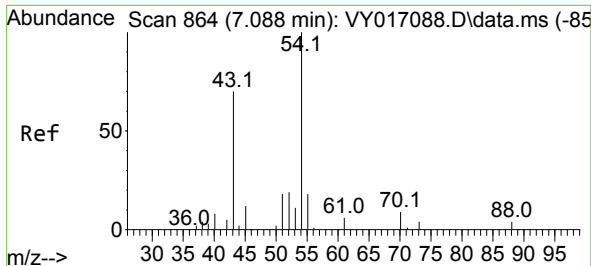
Tgt Ion:113 Resp: 6748
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 16.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.573 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 75 Resp: 12889
Ion Ratio Lower Upper
75 100
110 32.7 17.4 52.3
77 31.5 24.7 37.1

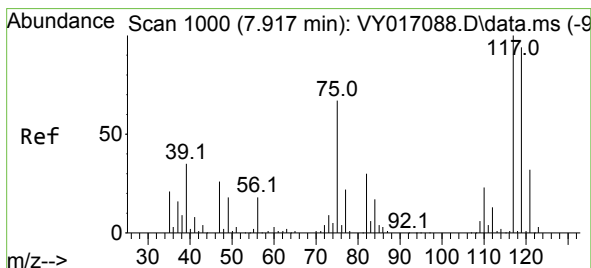
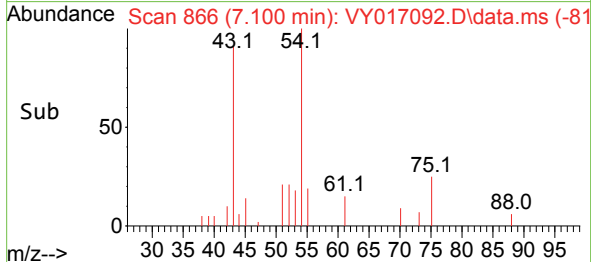
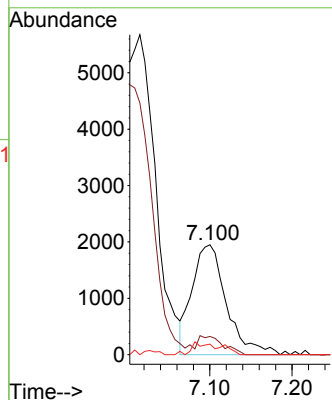
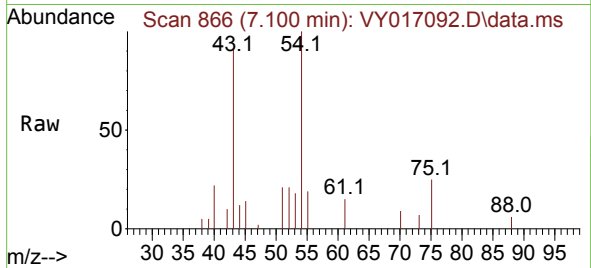




#37
Ethyl Acetate
Concen: 5.691 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

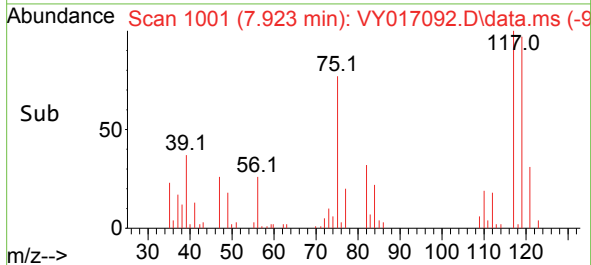
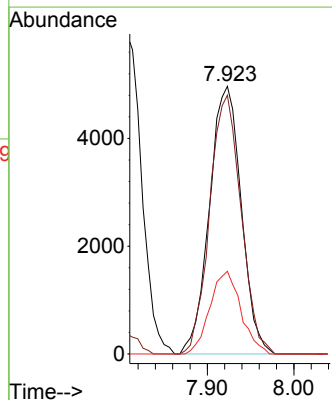
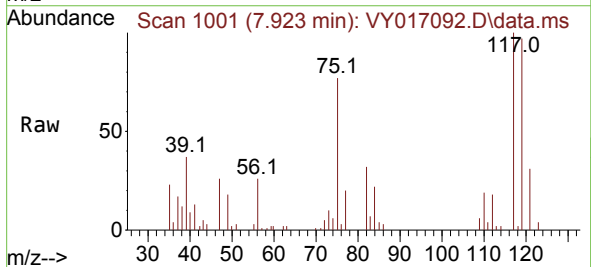
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

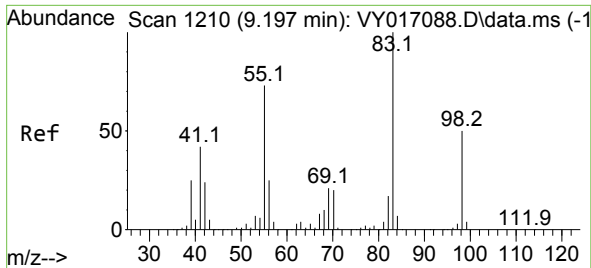
Tgt Ion: 43 Resp: 5660
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 6.2 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 5.584 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 117 Resp: 12657
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0
121 30.9 24.2 36.2

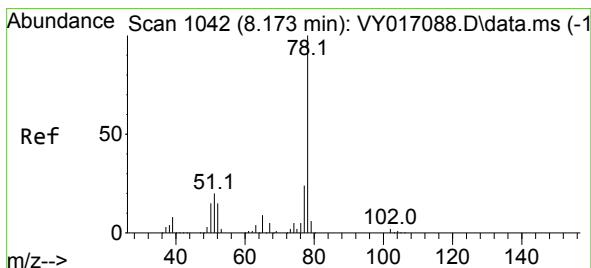
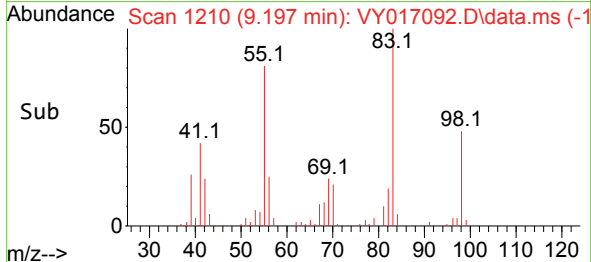
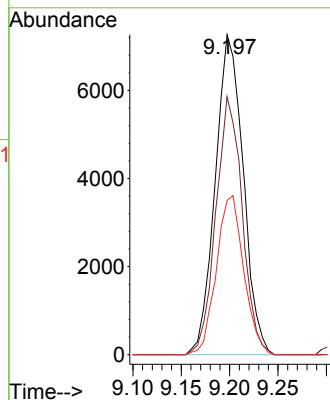
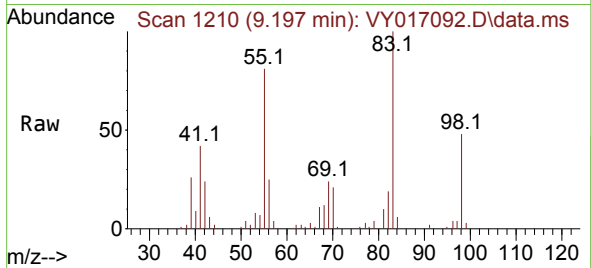




#39
Methylcyclohexane
Concen: 5.249 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

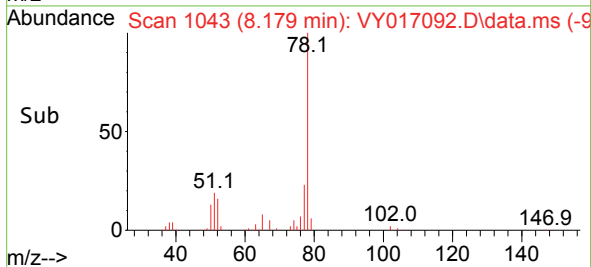
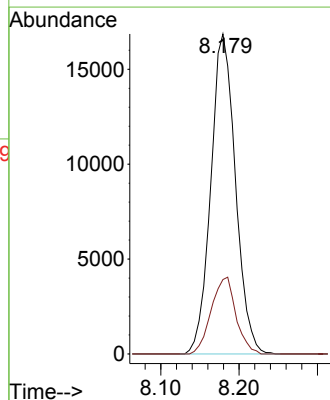
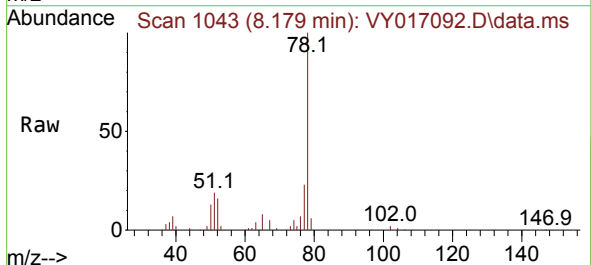
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

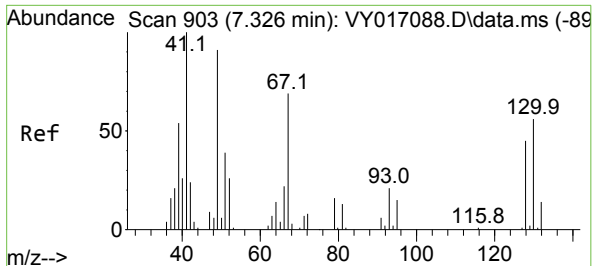
Tgt Ion: 83 Resp: 14603
Ion Ratio Lower Upper
83 100
55 80.6 59.7 89.5
98 48.2 38.0 57.0



#40
Benzene
Concen: 5.487 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 78 Resp: 36856
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



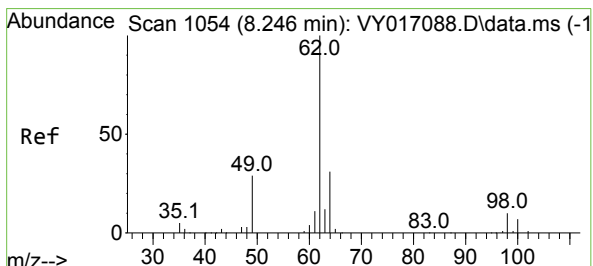
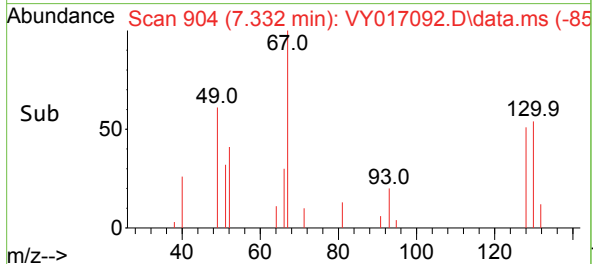
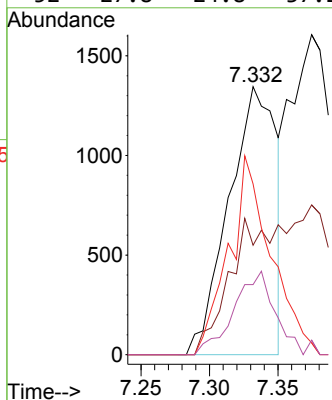
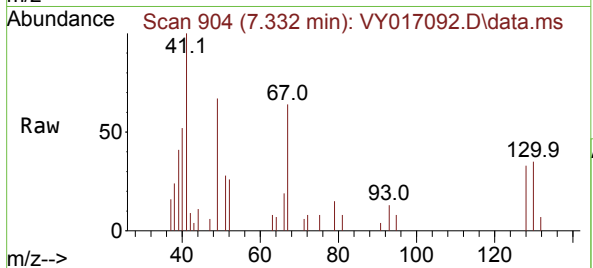


#41
Methacrylonitrile
Concen: 6.073 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 3230

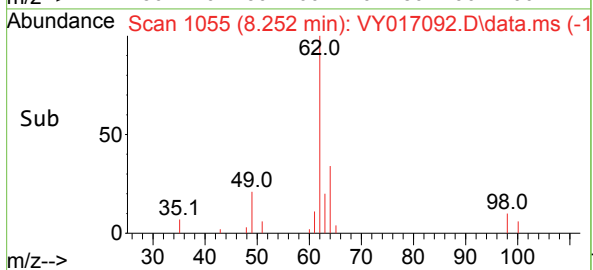
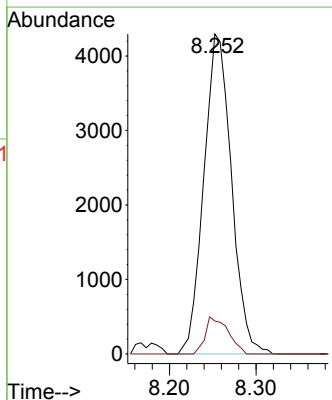
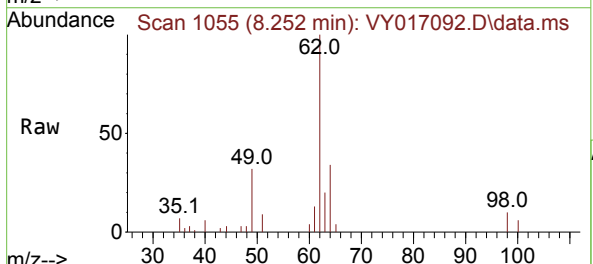
Ion	Ratio	Lower	Upper
41	100		
39	42.0	41.9	62.9
67	65.7	59.8	89.6
52	27.8	24.8	37.2

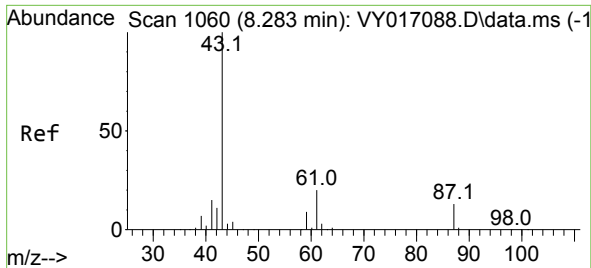


#42
1,2-Dichloroethane
Concen: 5.468 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 62 Resp: 9522

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 5.298 ug/l

RT: 8.295 min Scan# 1062

Delta R.T. 0.012 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

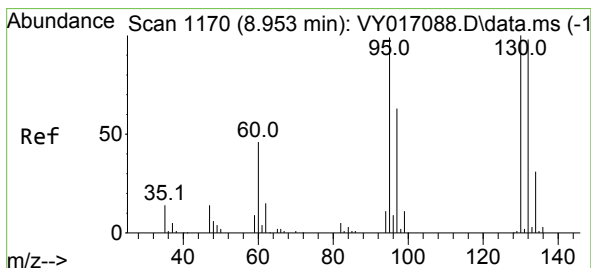
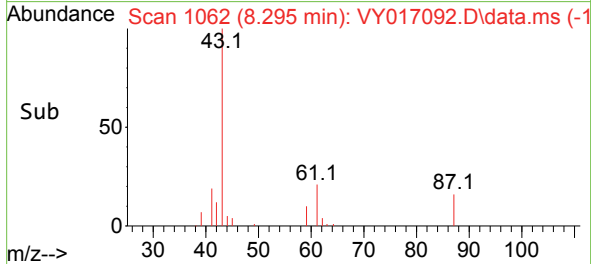
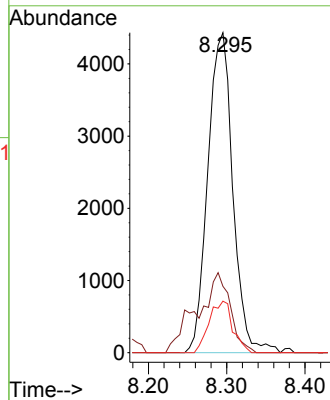
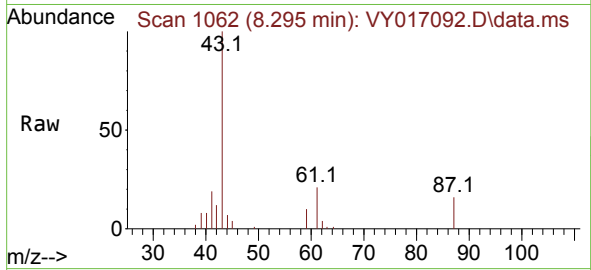
Tgt Ion: 43 Resp: 9836

Ion Ratio Lower Upper

43 100

61 22.8 24.8 37.2#

87 15.2 10.7 16.1



#44

Trichloroethene

Concen: 5.355 ug/l

RT: 8.960 min Scan# 1171

Delta R.T. 0.013 min

Lab File: VY017092.D

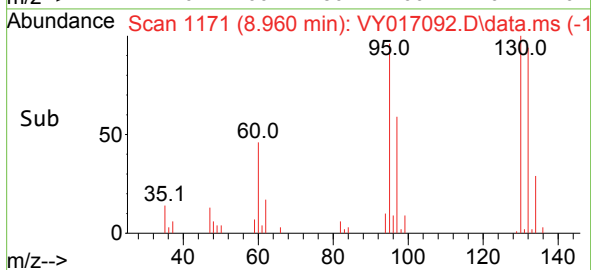
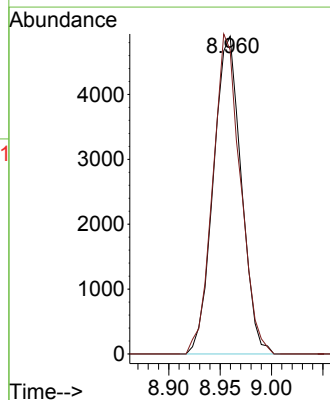
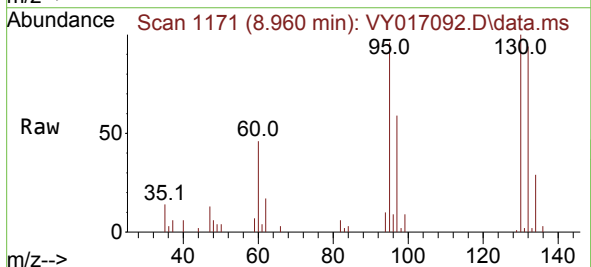
Acq: 24 Jan 2024 14:50

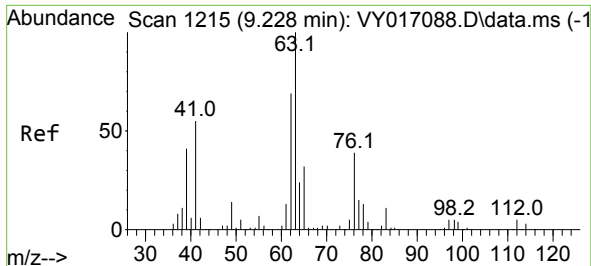
Tgt Ion:130 Resp: 9226

Ion Ratio Lower Upper

130 100

95 95.7 0.0 203.8

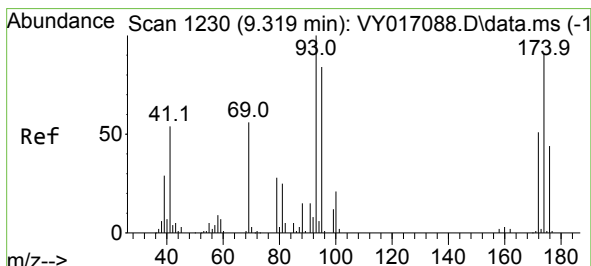
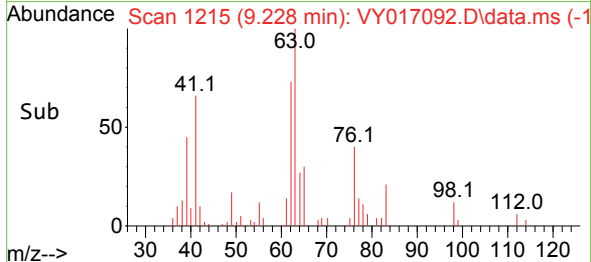
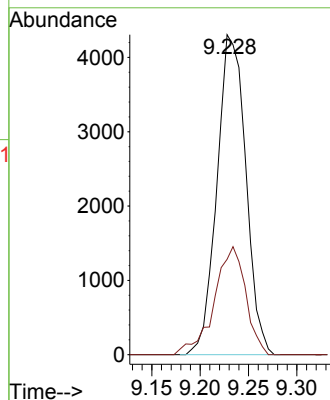
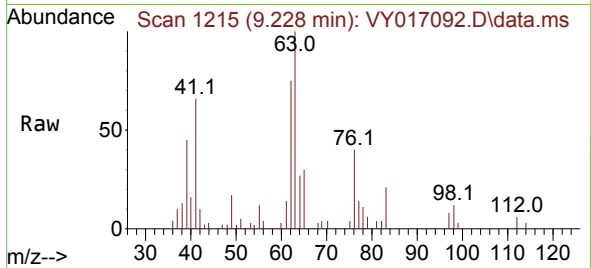




#45
1,2-Dichloropropane
Concen: 5.412 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

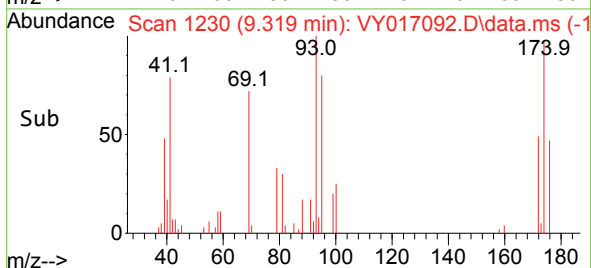
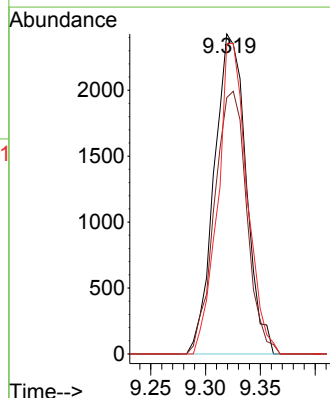
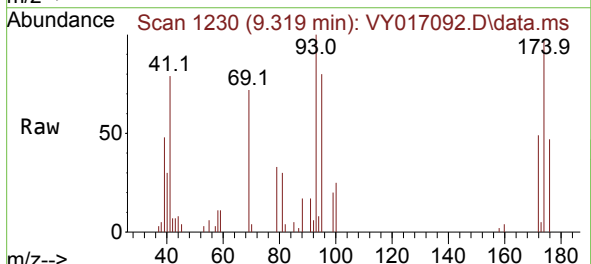
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

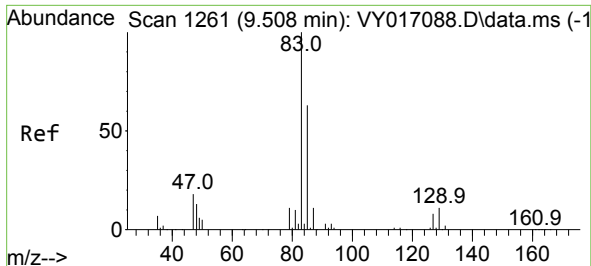
Tgt Ion: 63 Resp: 8923
Ion Ratio Lower Upper
63 100
65 29.8 24.6 36.8



#46
Dibromomethane
Concen: 5.588 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 93 Resp: 4893
Ion Ratio Lower Upper
93 100
95 83.4 66.6 99.8
174 89.4 73.8 110.6

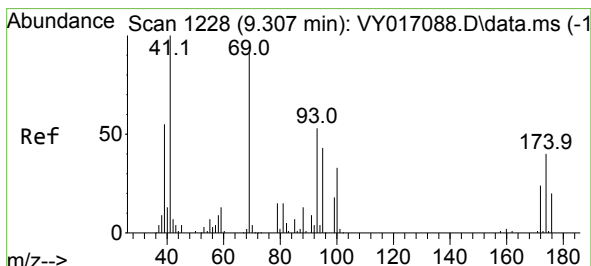
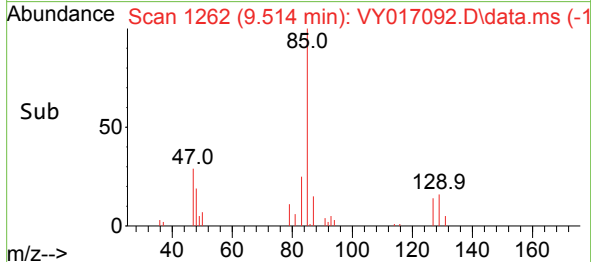
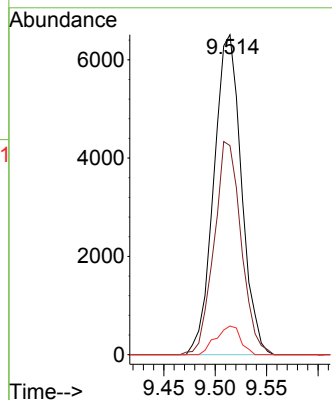
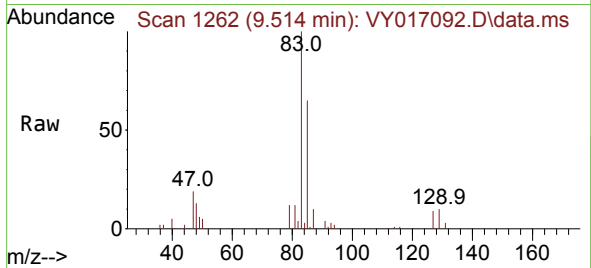




#47
Bromodichloromethane
Concen: 5.451 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

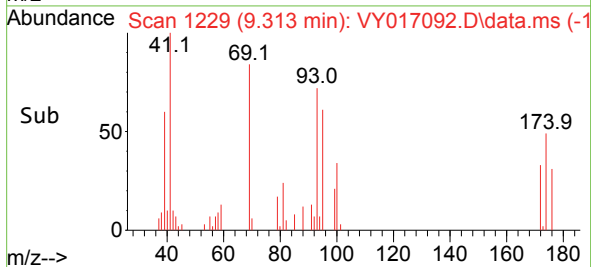
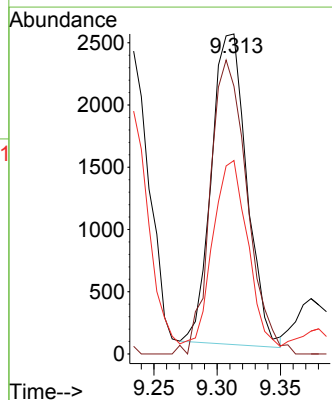
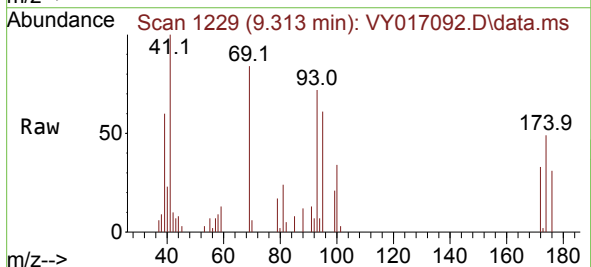
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

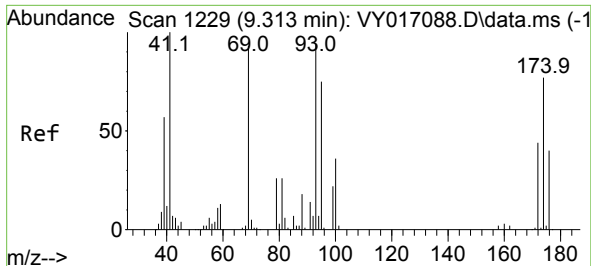
Tgt Ion: 83 Resp: 12142
Ion Ratio Lower Upper
83 100
85 65.4 53.2 79.8
127 8.9 6.4 9.6



#48
Methyl methacrylate
Concen: 4.698 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 41 Resp: 4843
Ion Ratio Lower Upper
41 100
69 98.9 72.1 108.1
39 59.4 42.8 64.2





#49

1,4-Dioxane

Concen: 102.424 ug/l

RT: 9.325 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

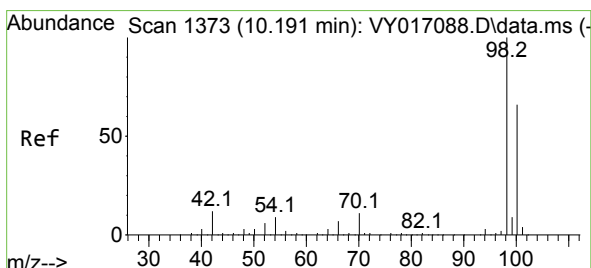
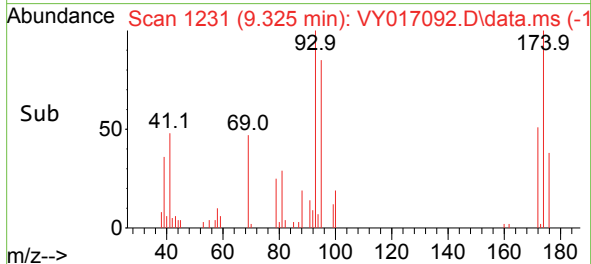
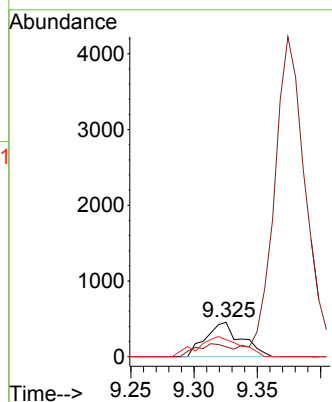
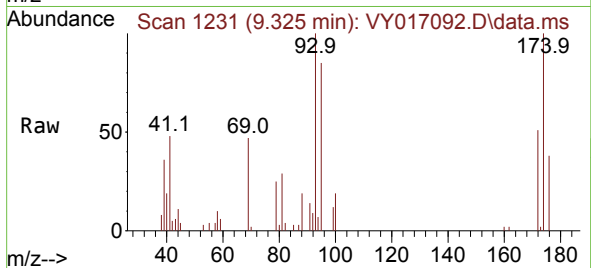
Tgt Ion: 88 Resp: 882

Ion Ratio Lower Upper

88 100

43 35.7 28.2 42.4

58 69.8 52.2 78.2



#50

Toluene-d8

Concen: 4.641 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017092.D

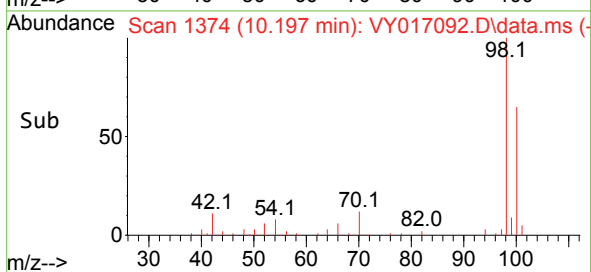
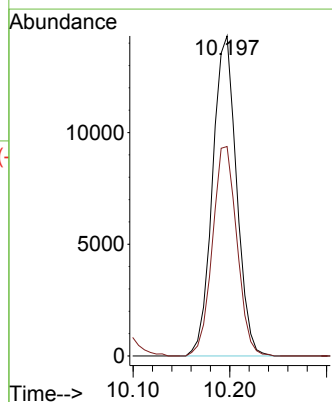
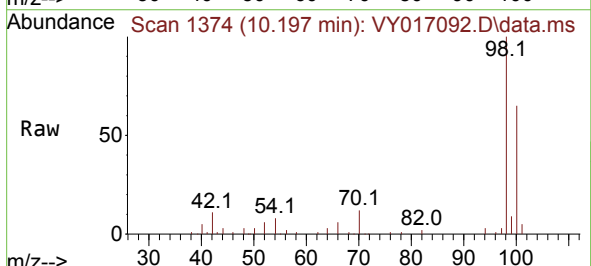
Acq: 24 Jan 2024 14:50

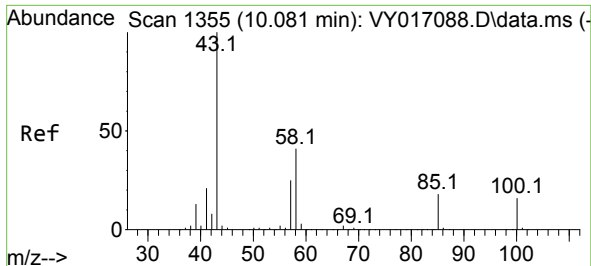
Tgt Ion: 98 Resp: 24640

Ion Ratio Lower Upper

98 100

100 66.9 52.3 78.5

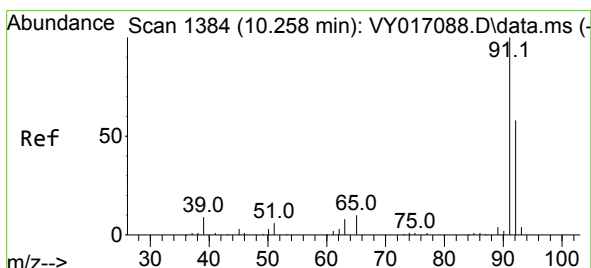
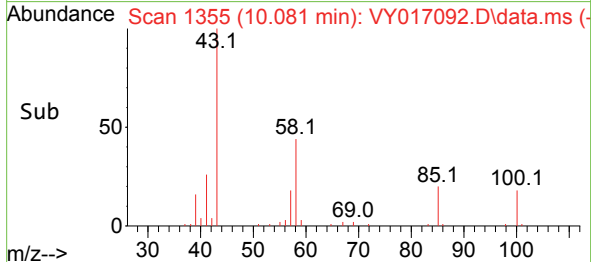
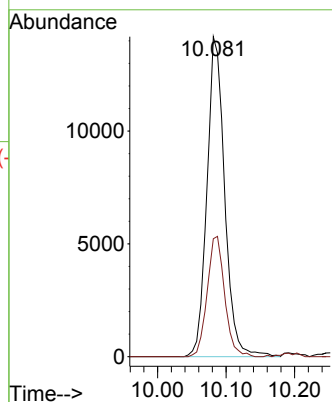
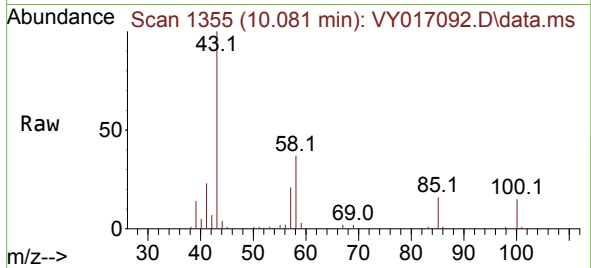




#51
4-Methyl-2-Pentanone
Concen: 25.834 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

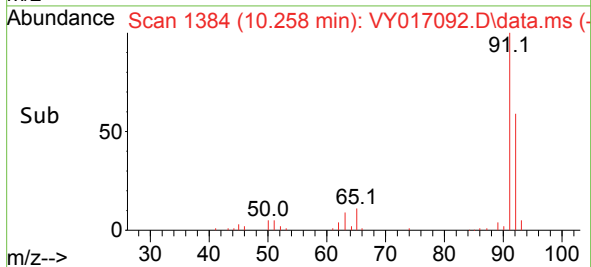
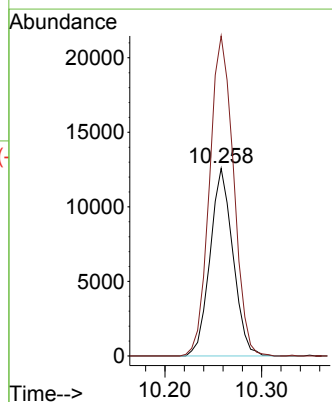
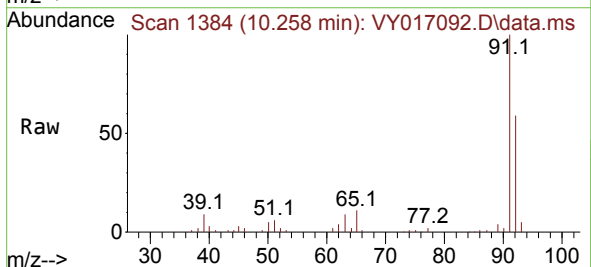
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

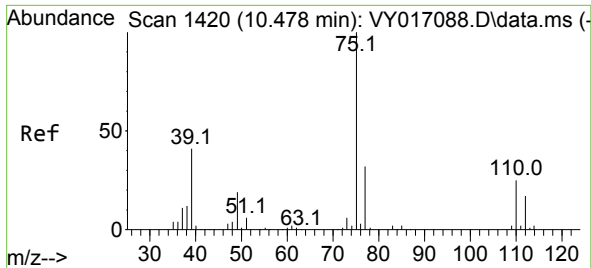
Tgt Ion: 43 Resp: 25514
Ion Ratio Lower Upper
43 100
58 37.1 32.2 48.2



#52
Toluene
Concen: 5.091 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 92 Resp: 20699
Ion Ratio Lower Upper
92 100
91 179.0 137.6 206.4

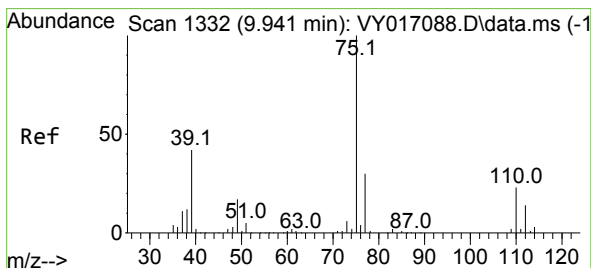
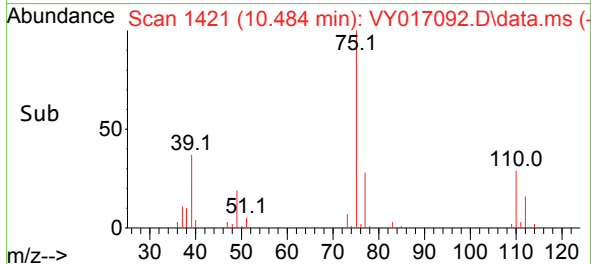
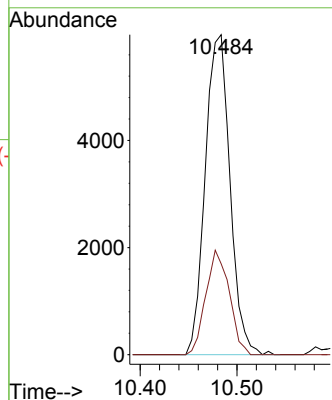
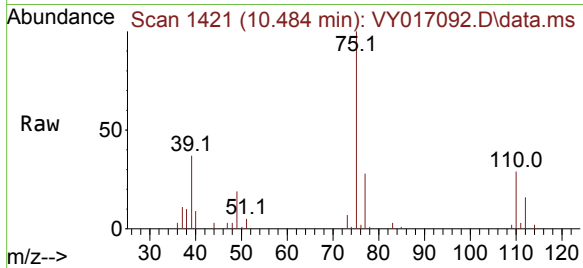




#53
t-1,3-Dichloropropene
Concen: 5.232 ug/l
RT: 10.484 min Scan# 1420
Delta R.T. 0.013 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

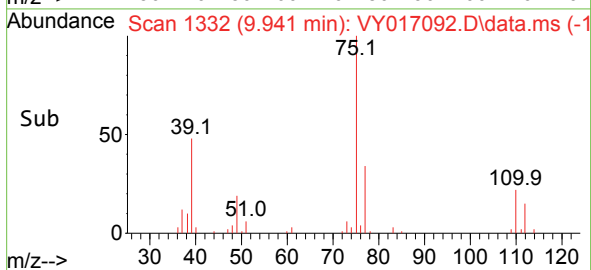
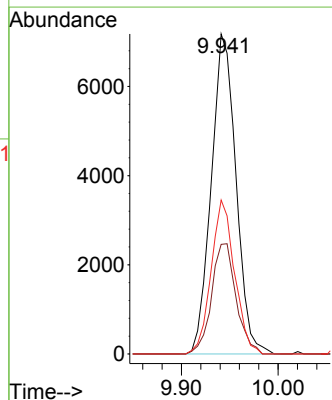
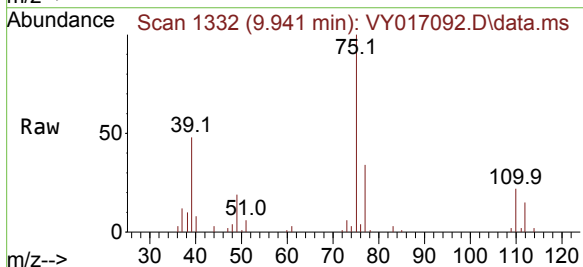
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

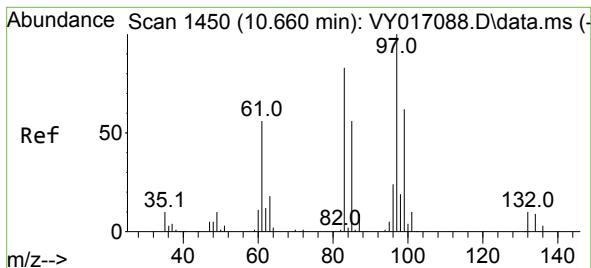
Tgt Ion: 75 Resp: 10646
Ion Ratio Lower Upper
75 100
77 28.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 5.093 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 75 Resp: 12747
Ion Ratio Lower Upper
75 100
77 34.2 24.6 36.8
39 48.1 33.6 50.4

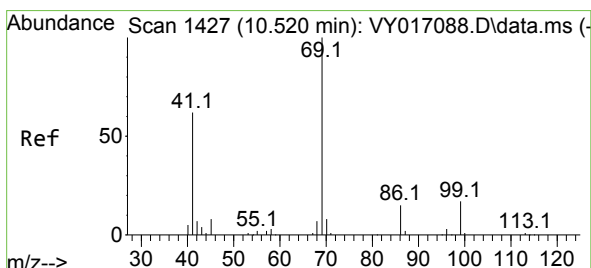
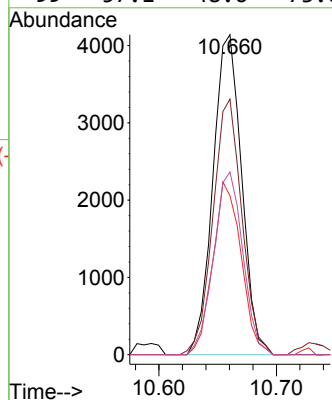
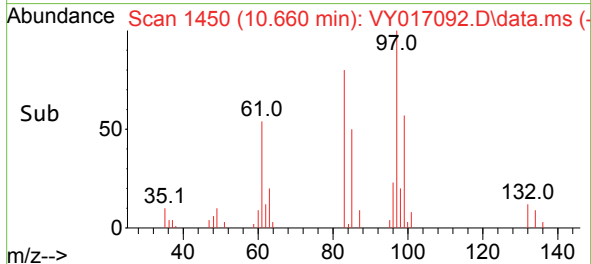
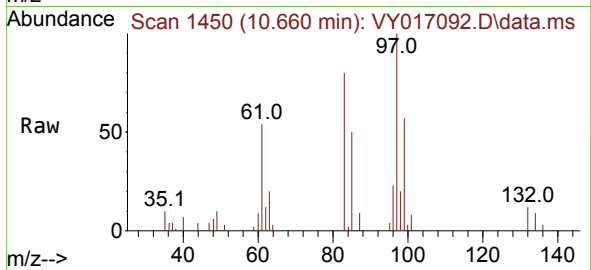




#55
1,1,2-Trichloroethane
Concen: 5.739 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

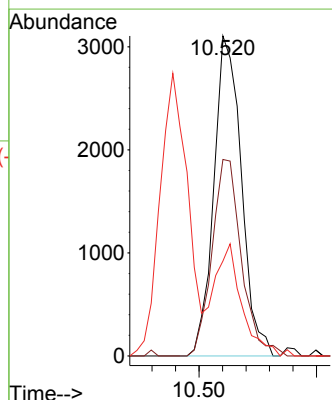
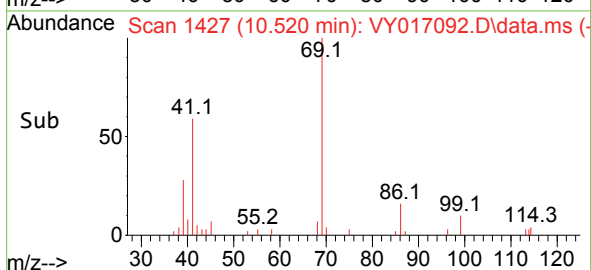
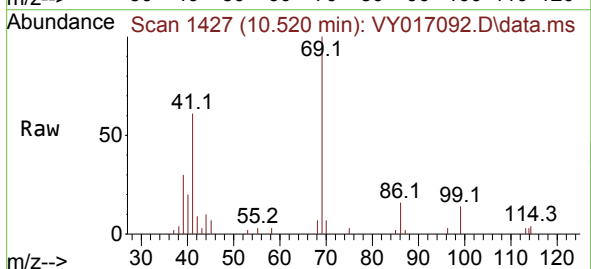
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

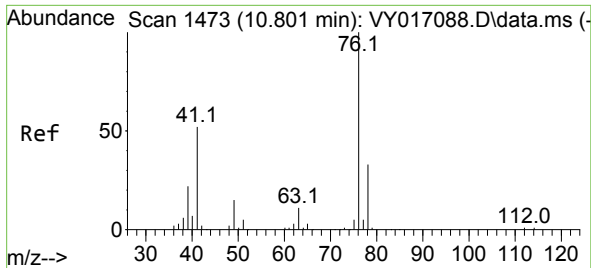
Tgt Ion: 97	Resp: 7023
Ion Ratio	Lower Upper
97 100	
83 79.9	69.4 104.2
85 49.7	43.9 65.9
99 57.1	48.6 73.0



#56
Ethyl methacrylate
Concen: 4.726 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 69	Resp:	5057	
Ion	Ratio	Lower	Upper
69	100		
41	65.7	49.2	73.8
39	35.8	26.8	40.2





#57

1,3-Dichloropropane

Concen: 5.498 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

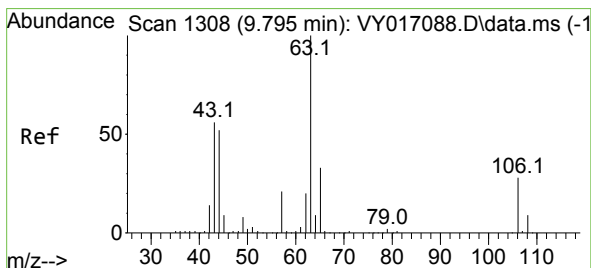
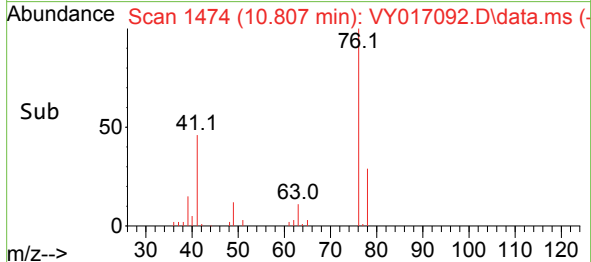
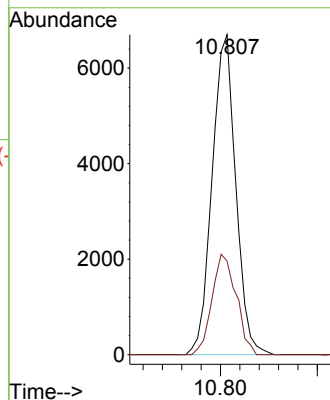
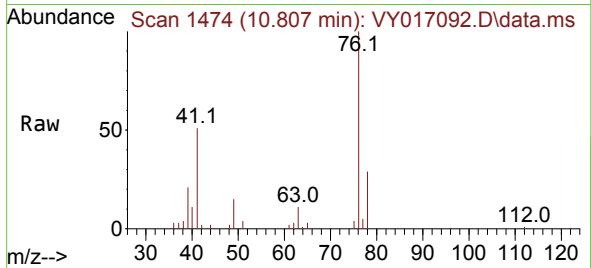
VSTDIC005

Tgt Ion: 76 Resp: 11374

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 20.665 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY017092.D

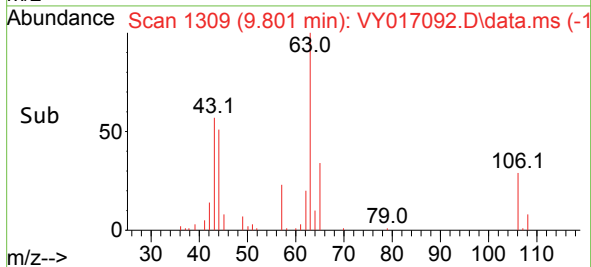
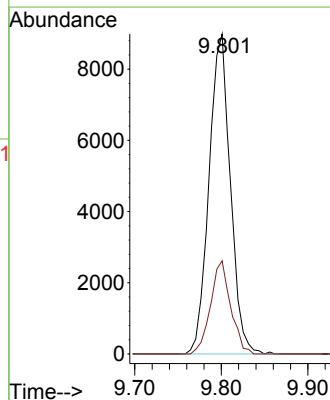
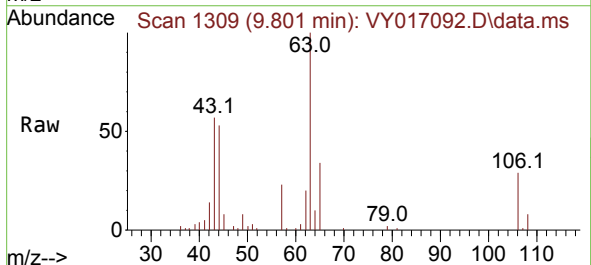
Acq: 24 Jan 2024 14:50

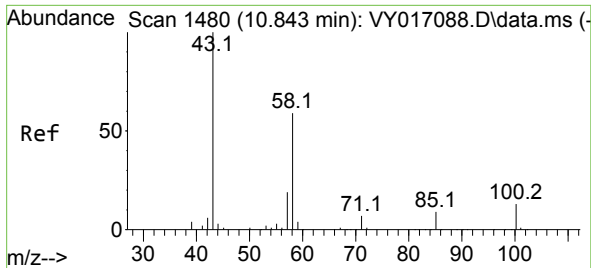
Tgt Ion: 63 Resp: 15350

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

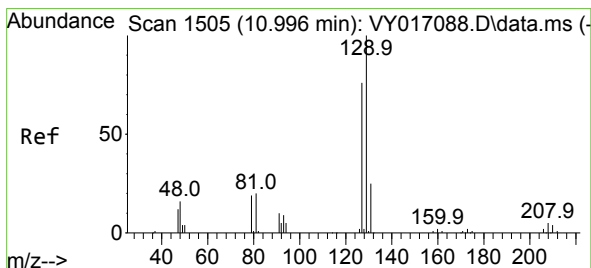
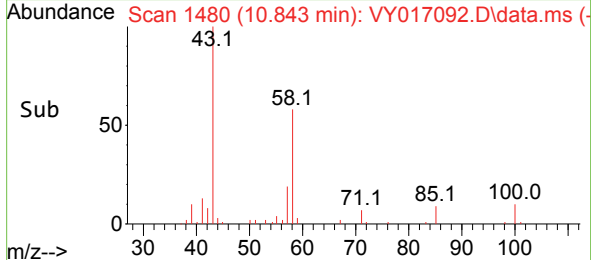
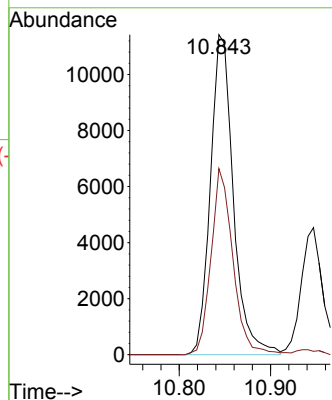
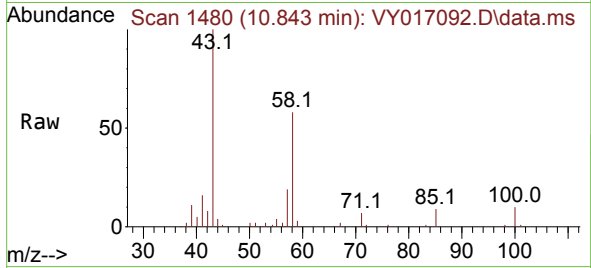




#59
2-Hexanone
Concen: 26.472 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

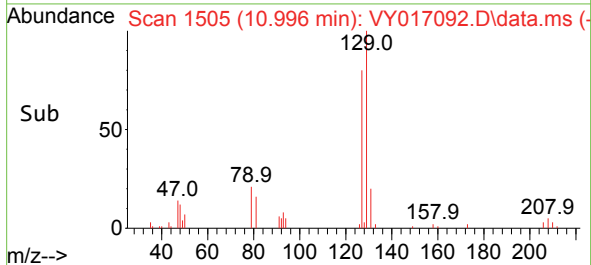
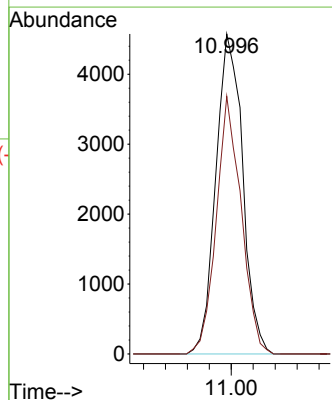
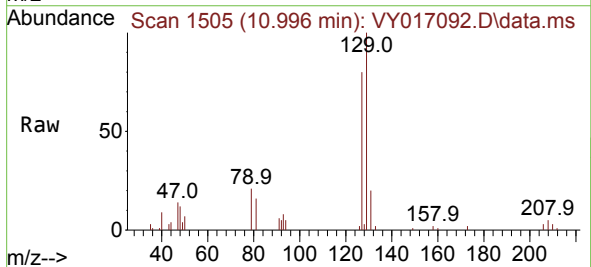
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

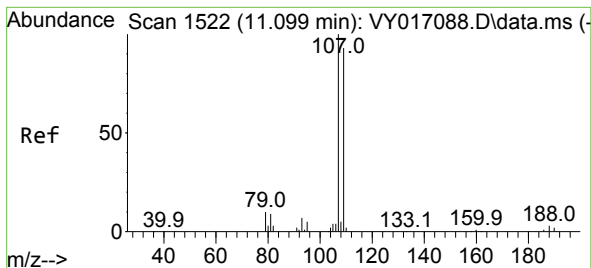
Tgt Ion: 43 Resp: 19946
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3



#60
Dibromochloromethane
Concen: 5.453 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 129 Resp: 7752
Ion Ratio Lower Upper
129 100
127 74.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 5.430 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

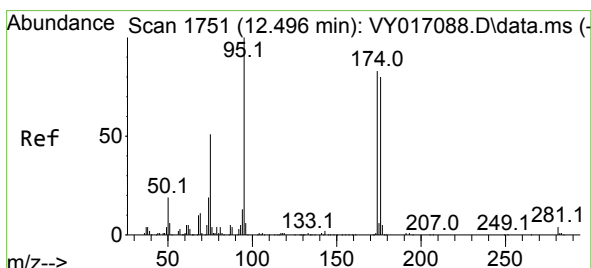
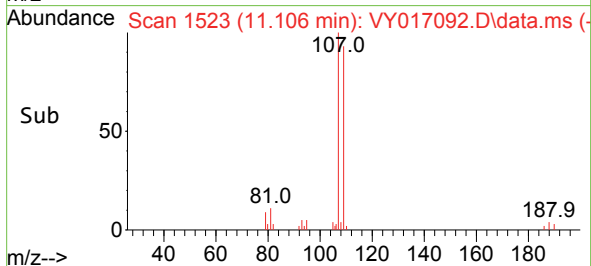
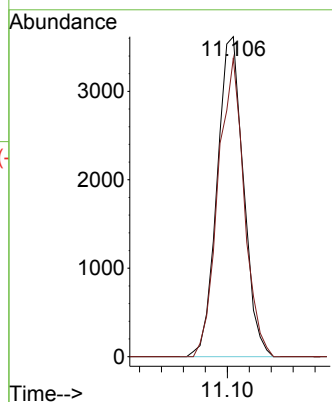
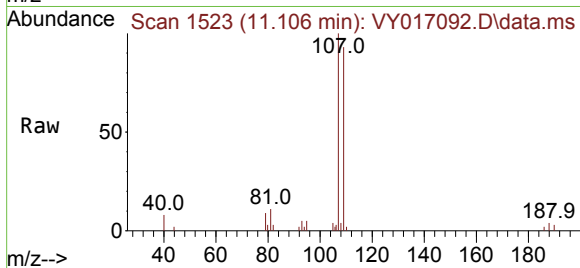
VSTDIC005

Tgt Ion:107 Resp: 6036

Ion Ratio Lower Upper

107 100

109 92.4 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 4.663 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

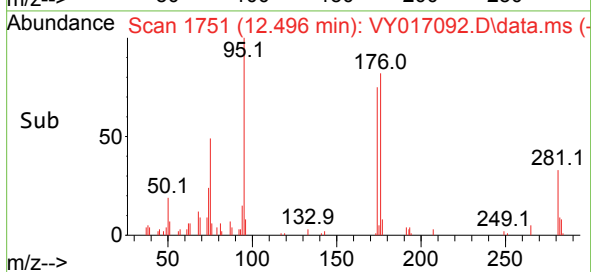
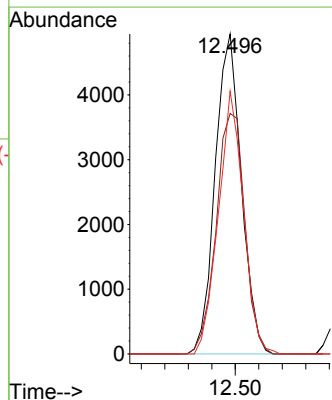
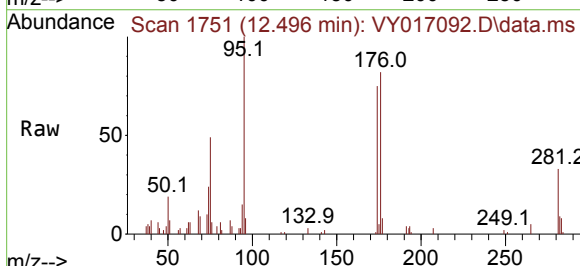
Tgt Ion: 95 Resp: 7627

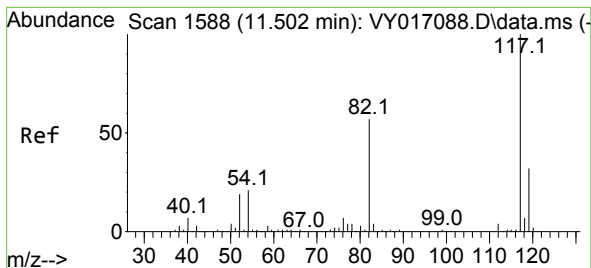
Ion Ratio Lower Upper

95 100

174 82.3 0.0 160.0

176 79.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

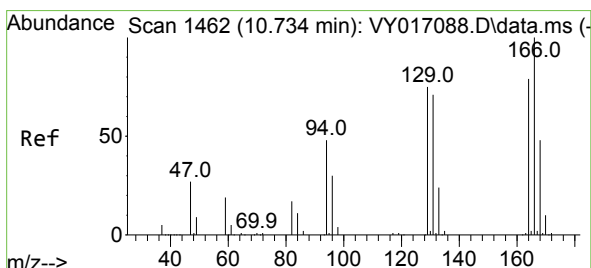
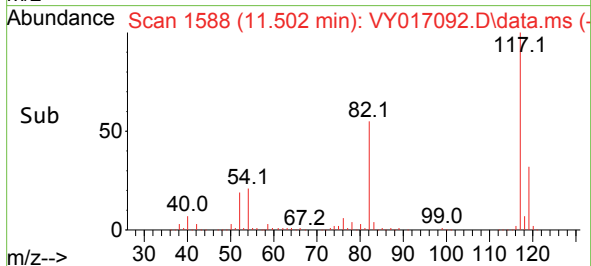
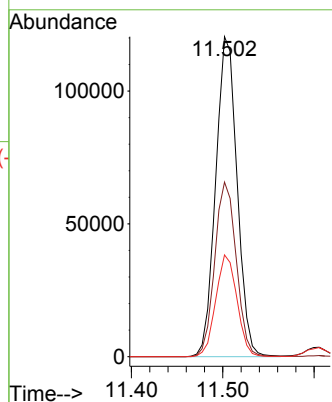
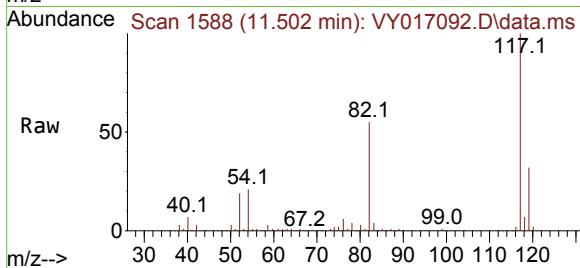
Tgt Ion:117 Resp: 196380

Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.8

119 31.8 26.5 39.7



#64

Tetrachloroethene

Concen: 5.632 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Tgt Ion:164 Resp: 7709

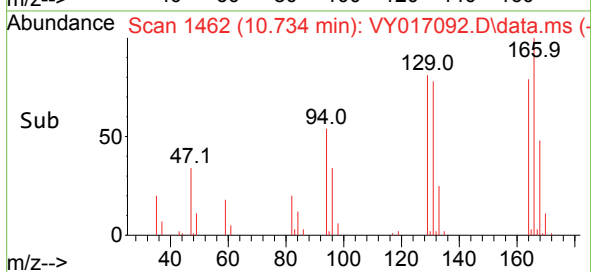
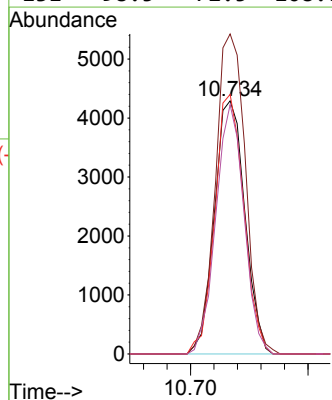
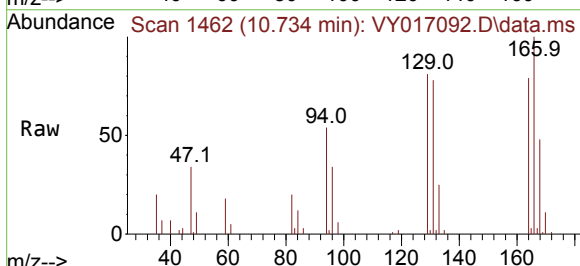
Ion Ratio Lower Upper

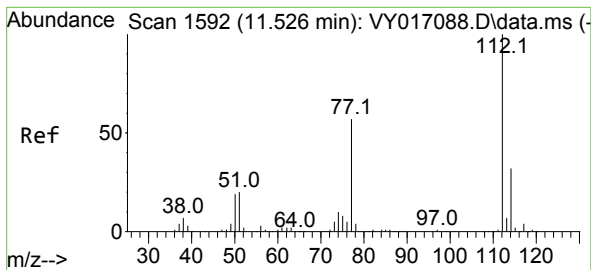
164 100

166 126.4 98.8 148.2

129 102.5 78.9 118.3

131 98.5 72.5 108.7





#65

Chlorobenzene

Concen: 5.553 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

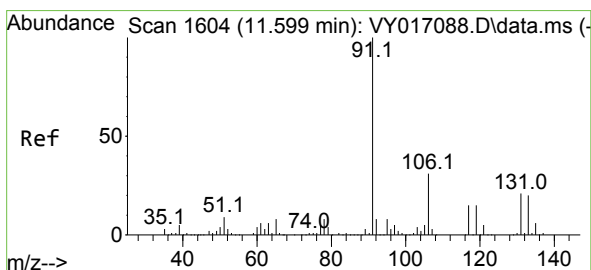
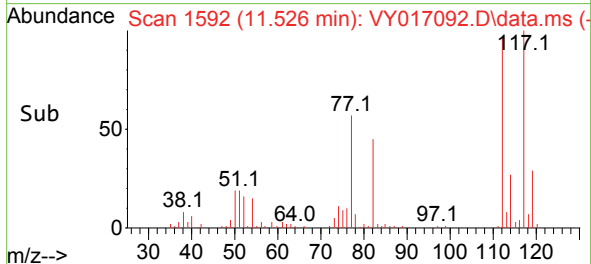
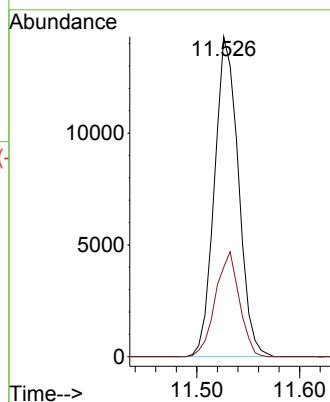
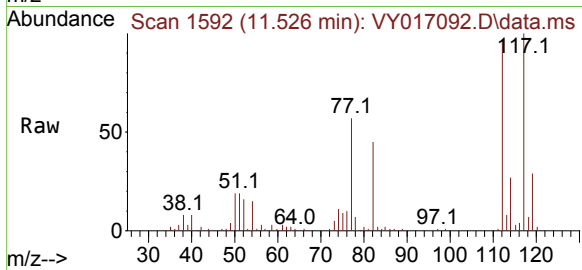
VSTDIC005

Tgt Ion:112 Resp: 23110

Ion Ratio Lower Upper

112 100

114 28.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 5.316 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

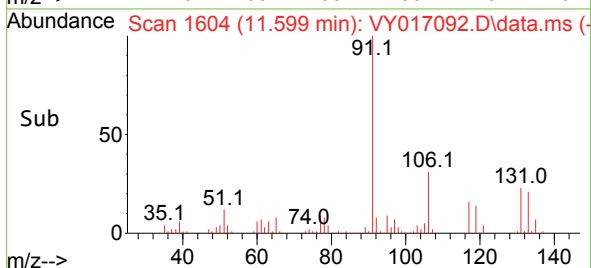
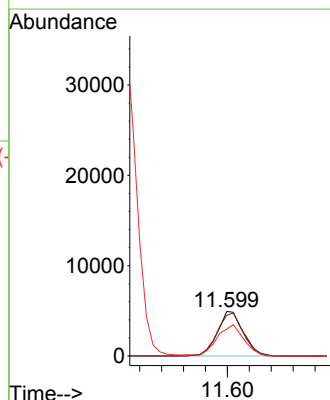
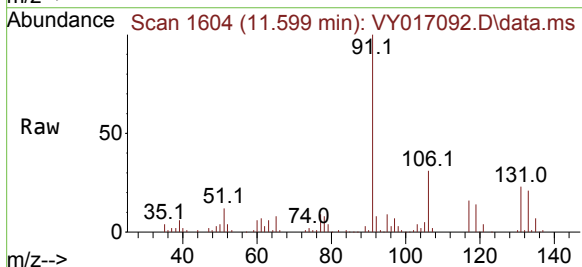
Tgt Ion:131 Resp: 8081

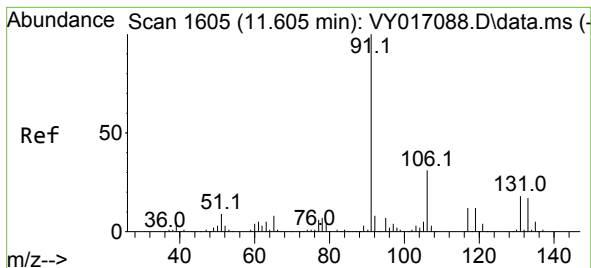
Ion Ratio Lower Upper

131 100

133 97.1 47.0 141.0

119 71.2 33.3 99.9





#67

Ethyl Benzene

Concen: 5.143 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

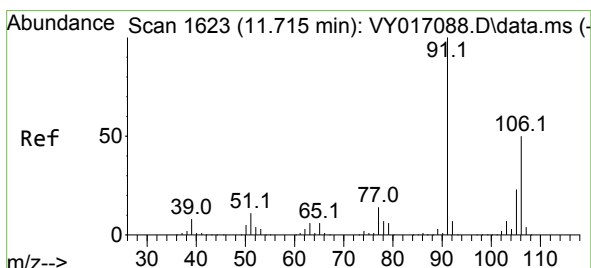
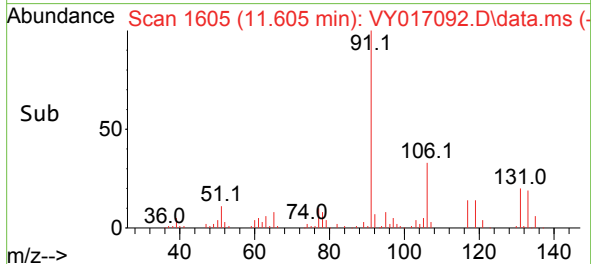
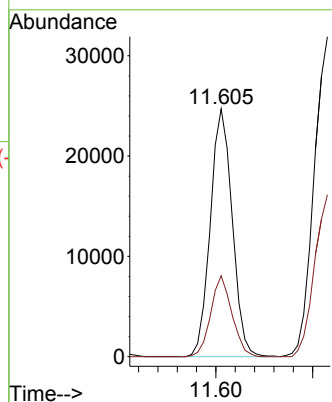
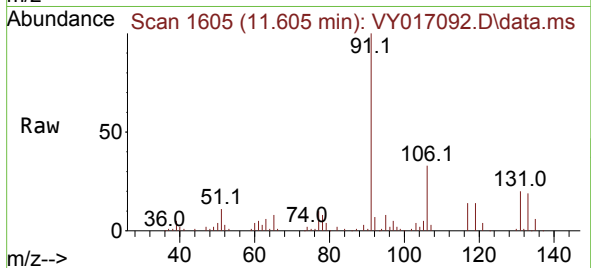
VSTDIC005

Tgt Ion: 91 Resp: 38911

Ion Ratio Lower Upper

91 100

106 32.7 25.0 37.4



#68

m/p-Xylenes

Concen: 10.296 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017092.D

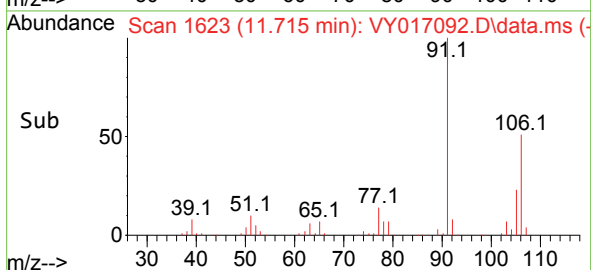
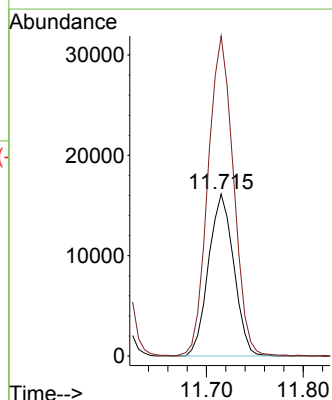
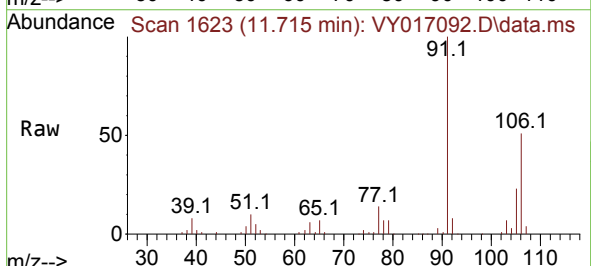
Acq: 24 Jan 2024 14:50

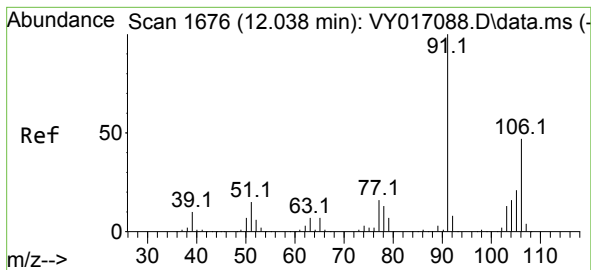
Tgt Ion: 106 Resp: 29266

Ion Ratio Lower Upper

106 100

91 199.7 160.7 241.1





#69

o-Xylene

Concen: 4.963 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

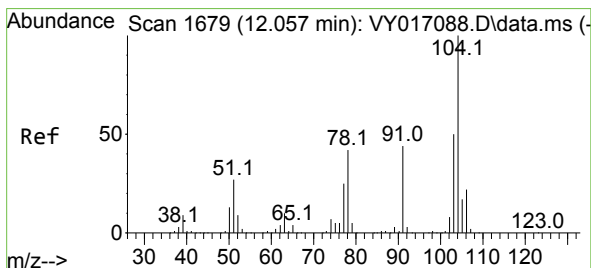
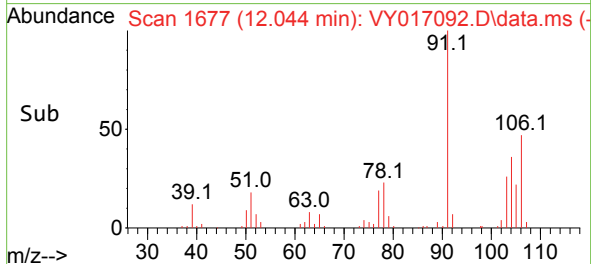
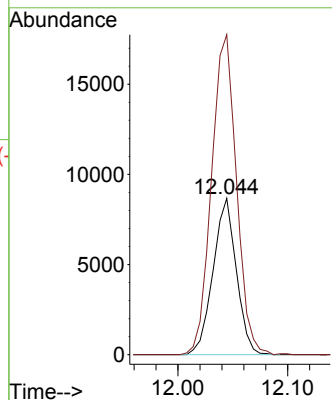
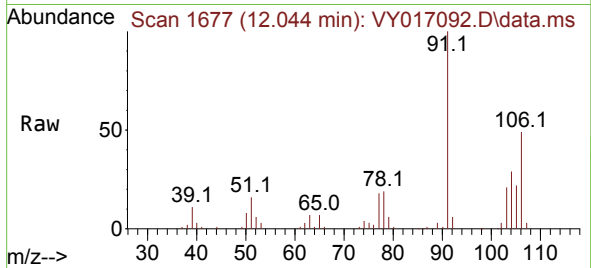
VSTDICC005

Tgt Ion:106 Resp: 12815

Ion Ratio Lower Upper

106 100

91 218.9 106.5 319.5



#70

Styrene

Concen: 4.807 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

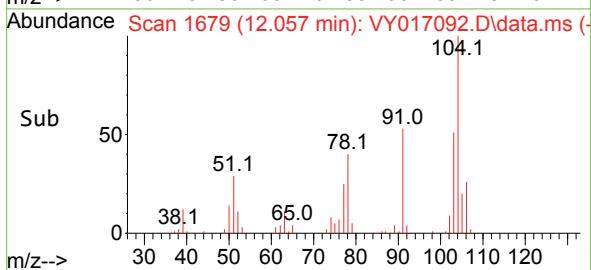
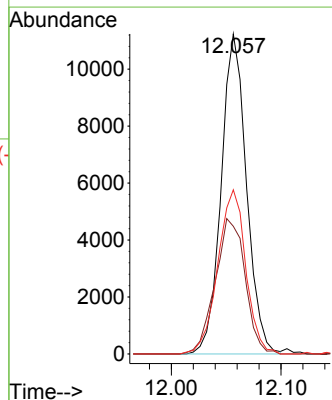
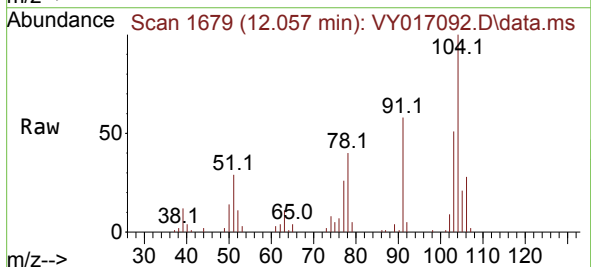
Tgt Ion:104 Resp: 18019

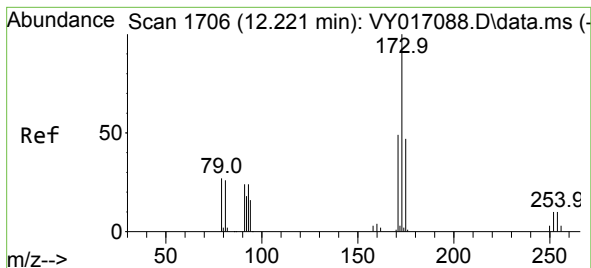
Ion Ratio Lower Upper

104 100

78 50.0 39.2 58.8

103 56.7 43.8 65.6





#71

Bromoform

Concen: 5.387 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

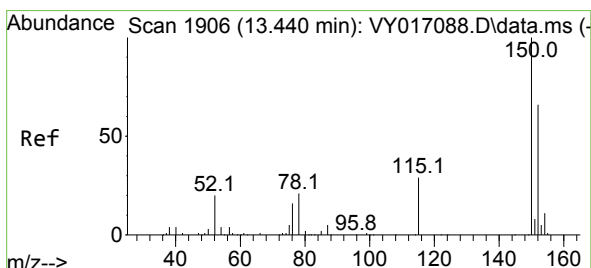
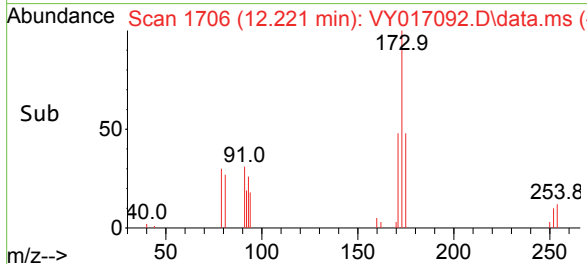
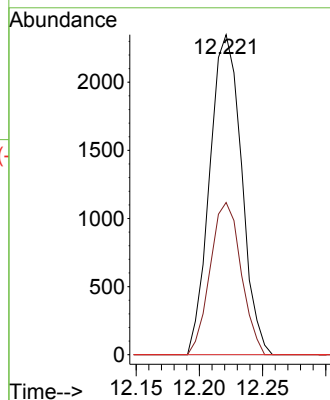
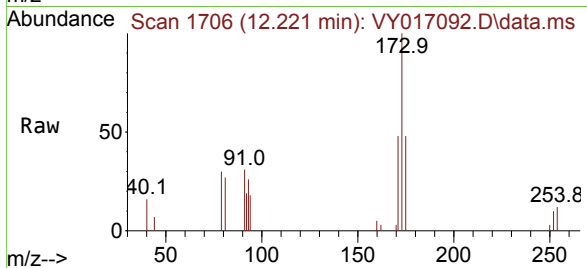
Tgt Ion:173 Resp: 4106

Ion Ratio Lower Upper

173 100

175 46.2 23.5 70.6

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: VY017092.D

Acq: 24 Jan 2024 14:50

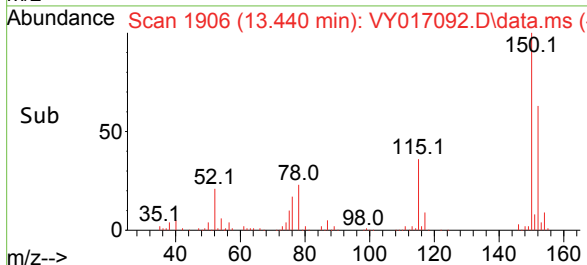
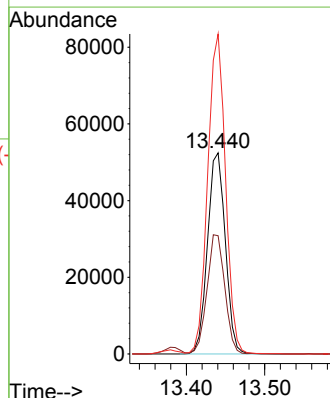
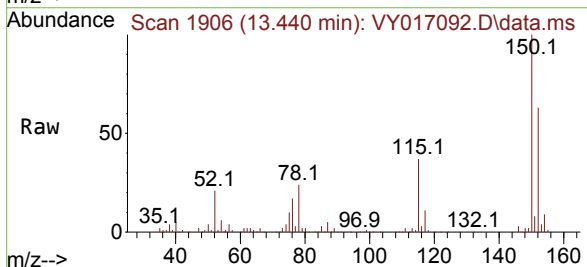
Tgt Ion:152 Resp: 82757

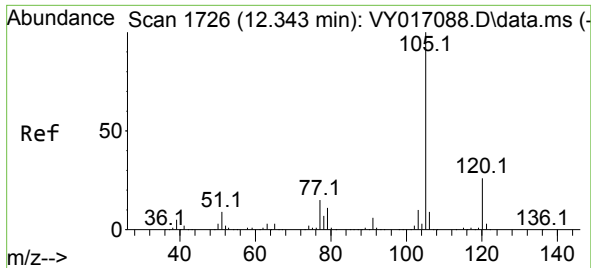
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 159.0 0.0 344.6

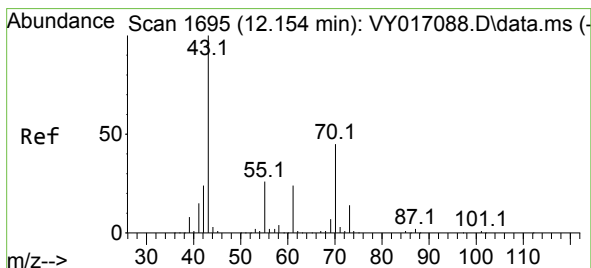
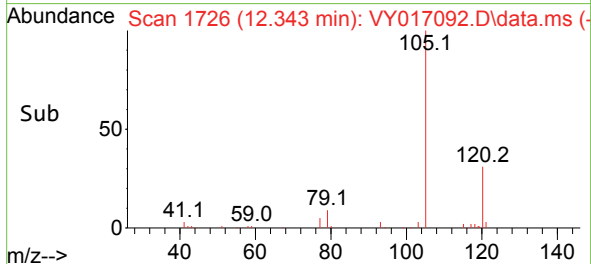
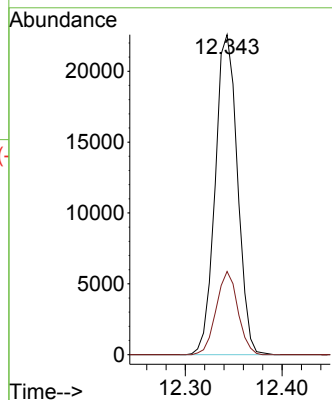
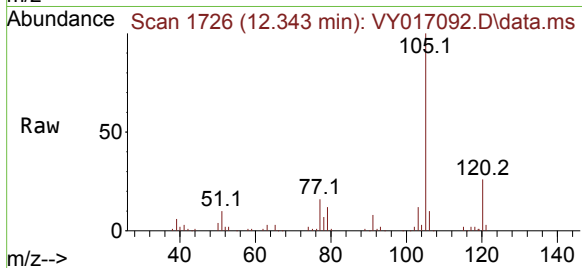




#73
Isopropylbenzene
Concen: 5.299 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

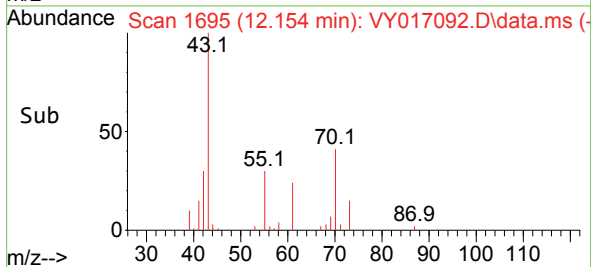
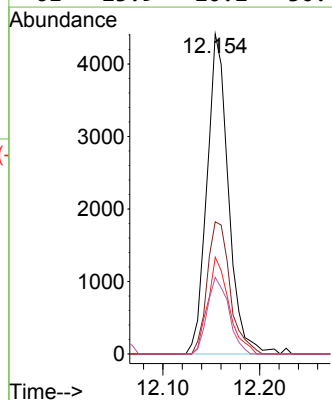
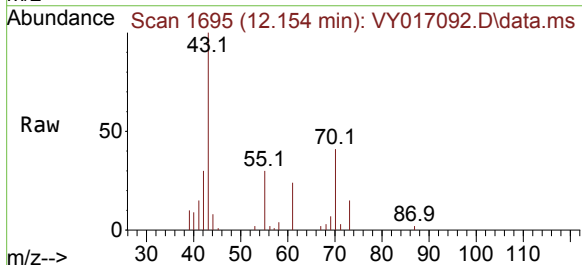
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

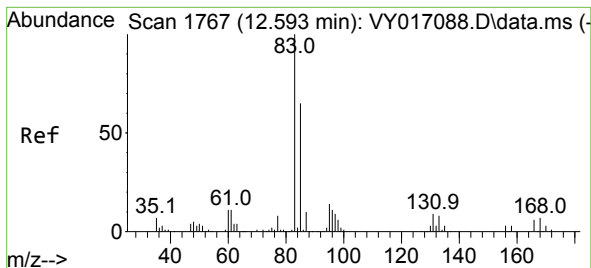
Tgt Ion:105 Resp: 36049
Ion Ratio Lower Upper
105 100
120 25.3 13.0 39.0



#74
N-ethyl acetate
Concen: 4.973 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 43 Resp: 6820
Ion Ratio Lower Upper
43 100
70 44.0 36.6 55.0
55 29.7 22.2 33.4
61 23.9 20.2 30.4

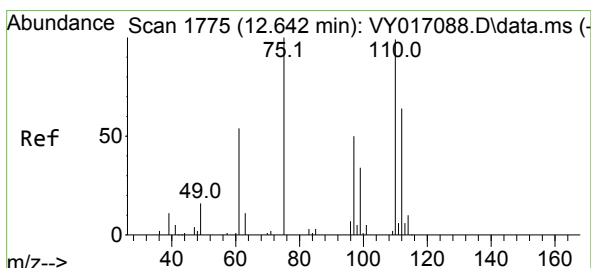
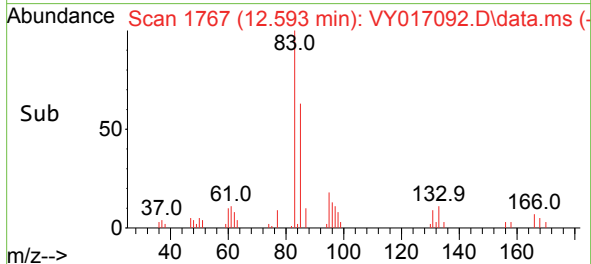
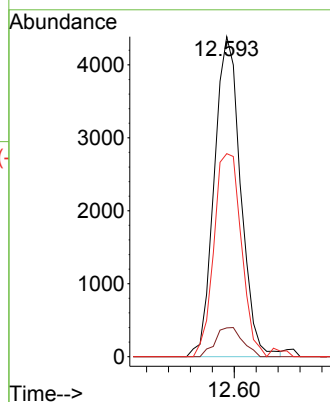
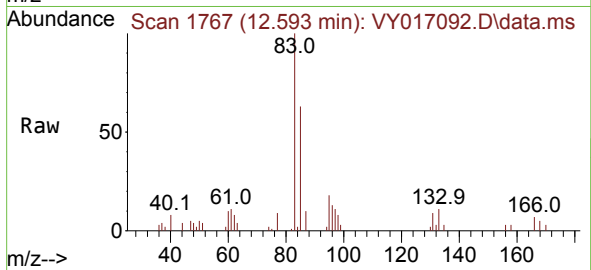




#75
1,1,2,2-Tetrachloroethane
Concen: 5.656 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

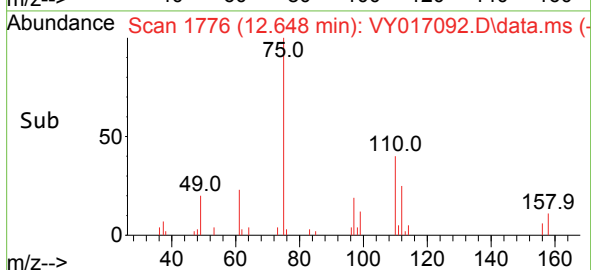
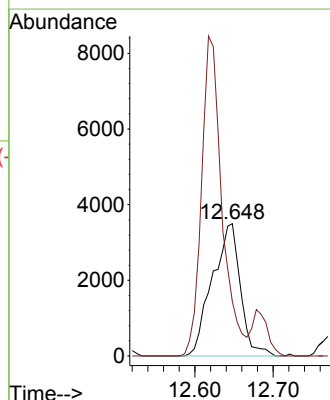
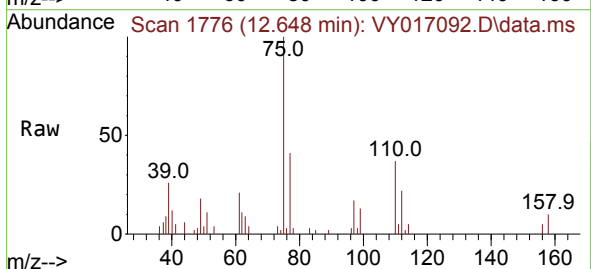
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

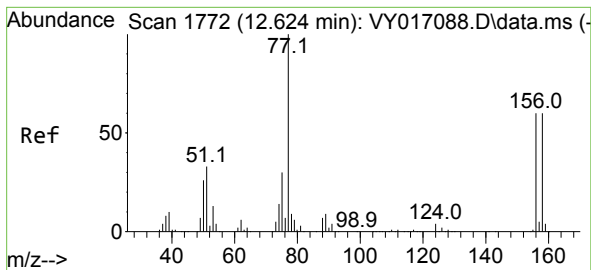
Tgt Ion: 83 Resp: 7338
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 65.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 5.571 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 75 Resp: 8715
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.294 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

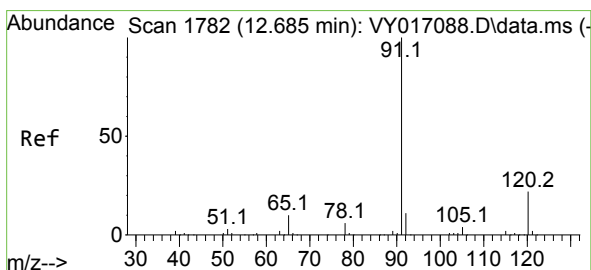
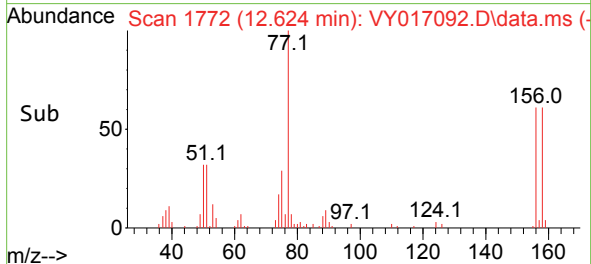
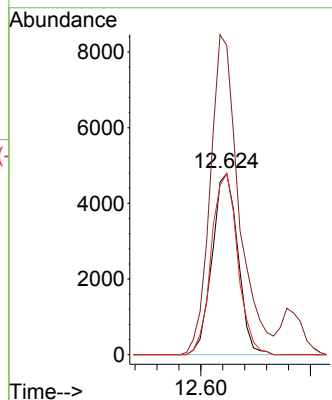
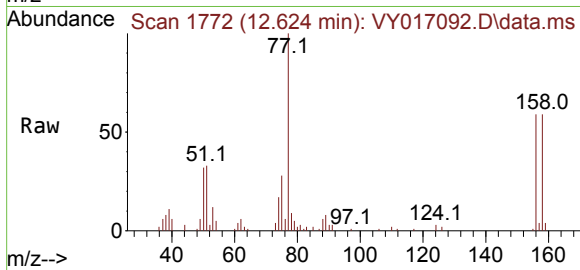
Tgt Ion:156 Resp: 7794

Ion Ratio Lower Upper

156 100

77 197.3 97.3 291.8

158 102.4 48.4 145.0



#78

n-propylbenzene

Concen: 5.201 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.007 min

Lab File: VY017092.D

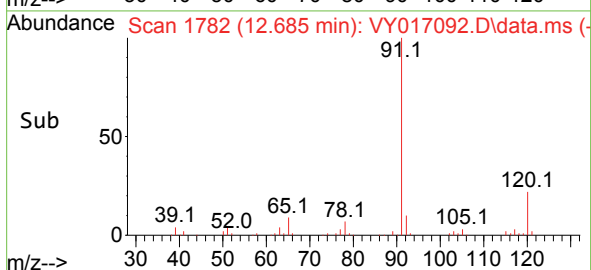
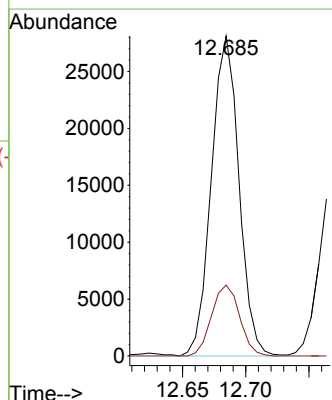
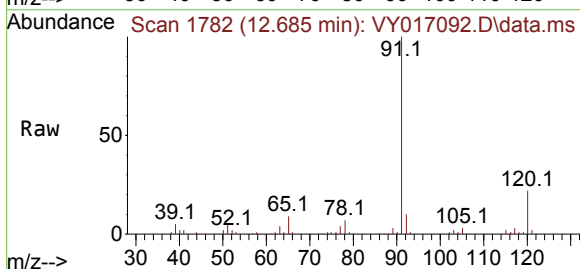
Acq: 24 Jan 2024 14:50

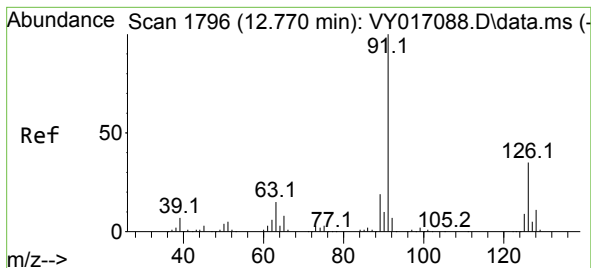
Tgt Ion: 91 Resp: 42561

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 5.451 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

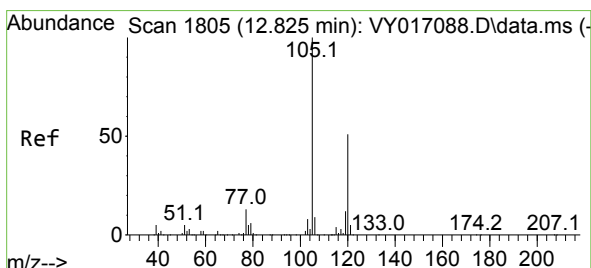
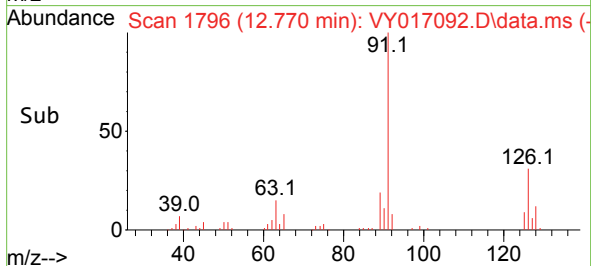
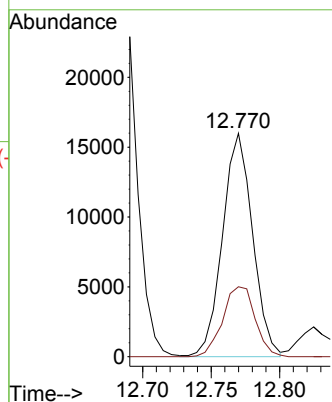
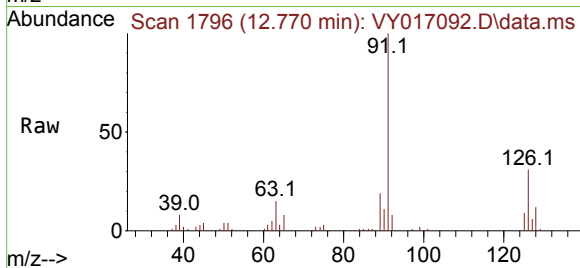
VSTDICC005

Tgt Ion: 91 Resp: 24475

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 5.101 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY017092.D

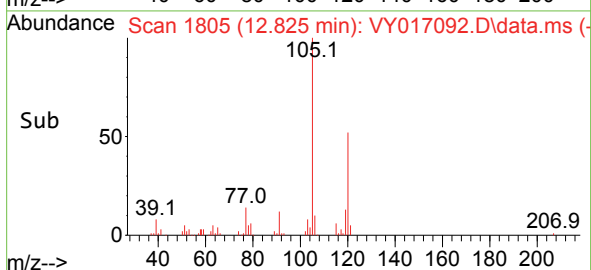
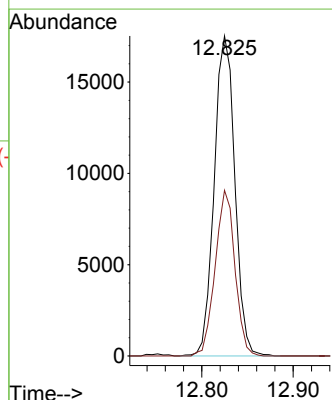
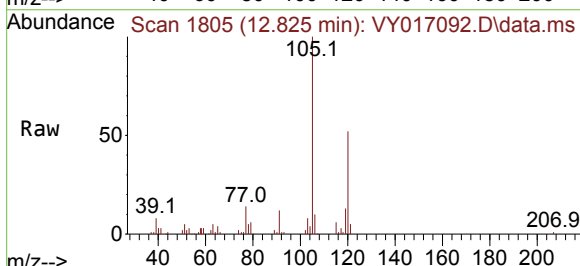
Acq: 24 Jan 2024 14:50

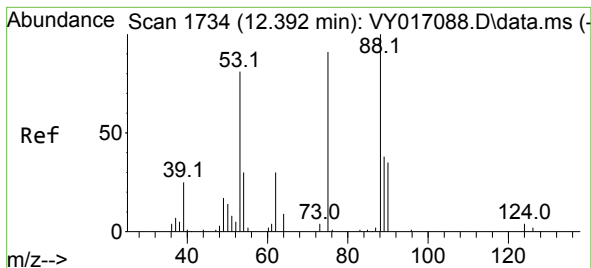
Tgt Ion: 105 Resp: 27467

Ion Ratio Lower Upper

105 100

120 49.6 24.3 72.8

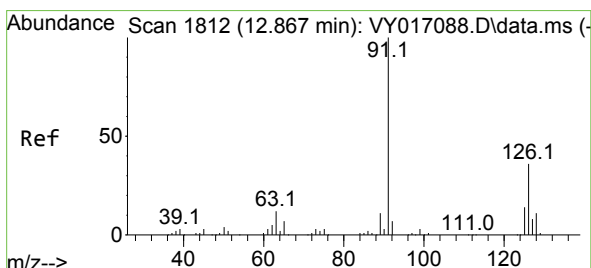
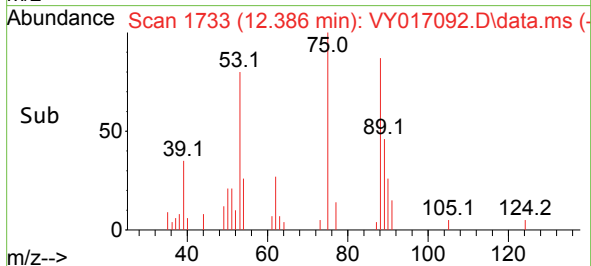
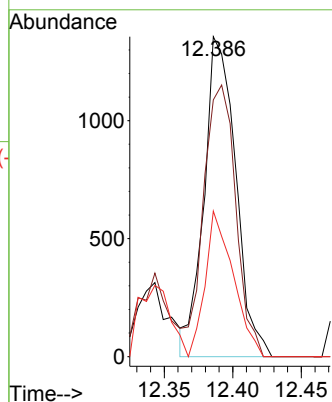
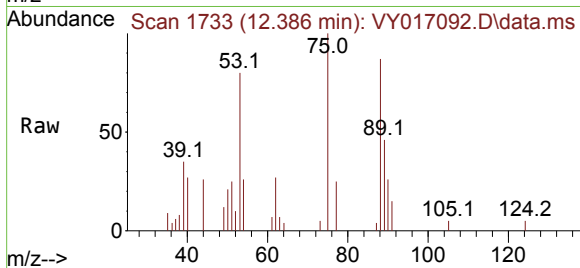




#81
trans-1,4-Dichloro-2-butene
Concen: 5.603 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

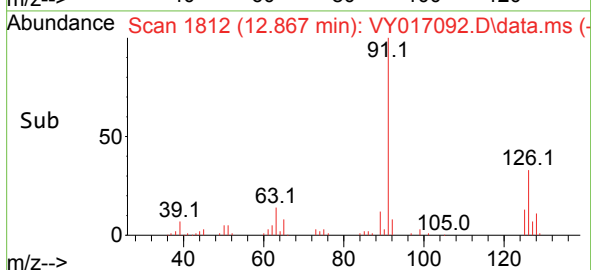
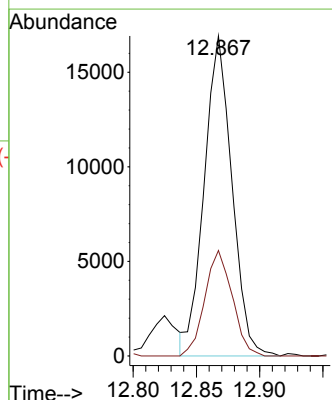
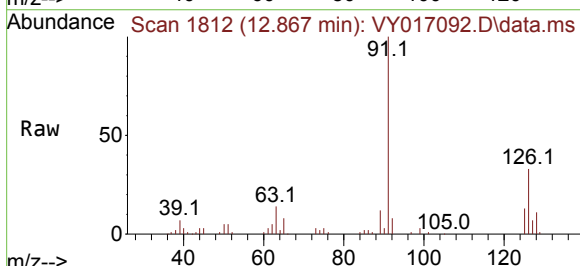
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

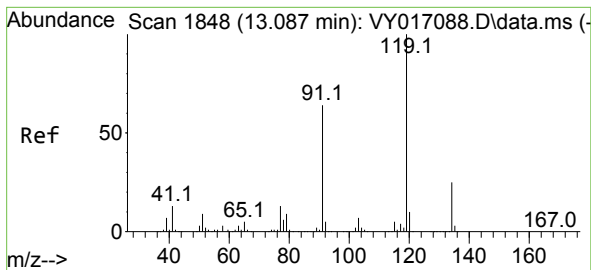
Tgt Ion: 75 Resp: 2174
Ion Ratio Lower Upper
75 100
53 86.9 74.0 111.0
89 40.3 36.5 54.7



#82
4-Chlorotoluene
Concen: 5.537 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017092.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 91 Resp: 25766
Ion Ratio Lower Upper
91 100
126 32.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 5.114 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

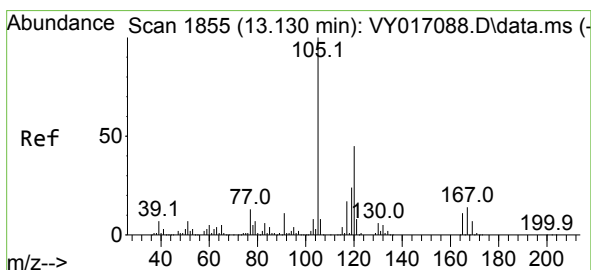
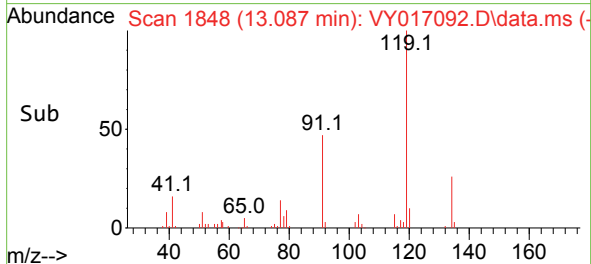
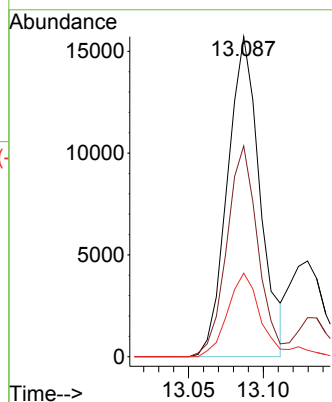
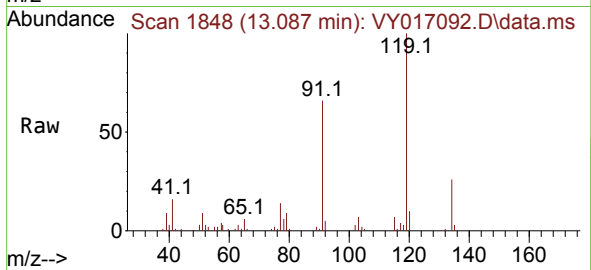
Tgt Ion:119 Resp: 23817

Ion Ratio Lower Upper

119 100

91 62.7 31.5 94.5

134 27.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 5.124 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.001 min

Lab File: VY017092.D

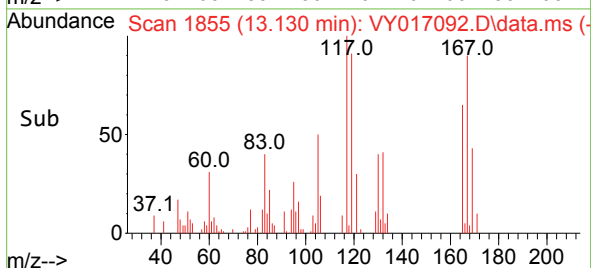
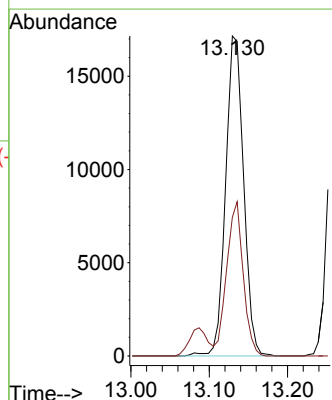
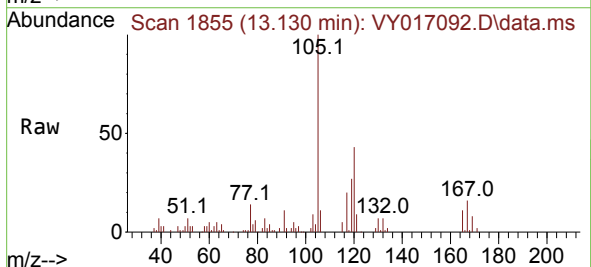
Acq: 24 Jan 2024 14:50

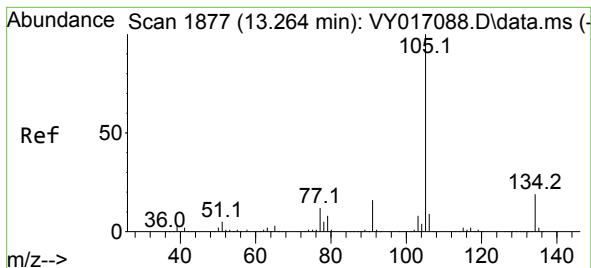
Tgt Ion:105 Resp: 27420

Ion Ratio Lower Upper

105 100

120 44.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 5.240 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

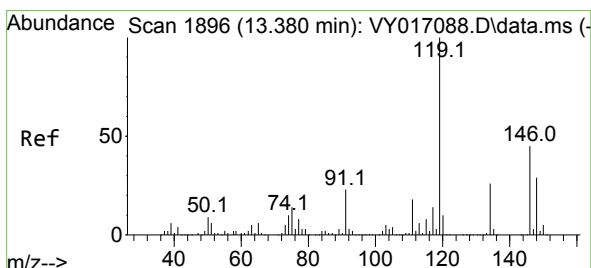
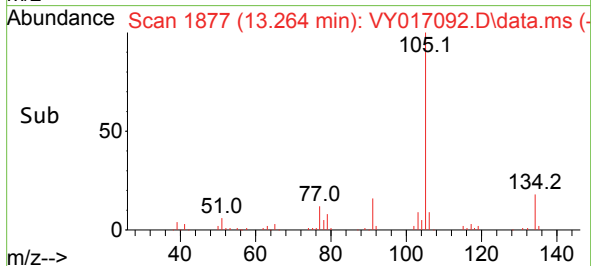
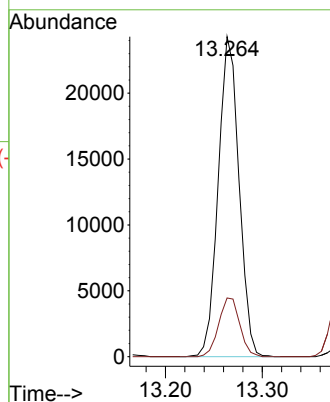
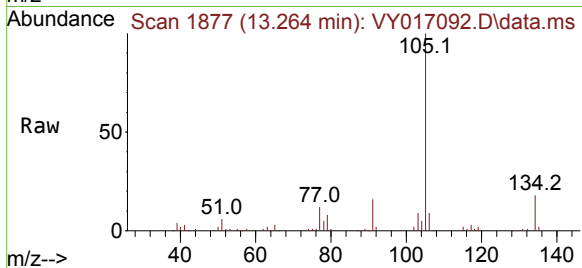
VSTDIC005

Tgt Ion:105 Resp: 36135

Ion Ratio Lower Upper

105 100

134 18.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 5.043 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.001 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

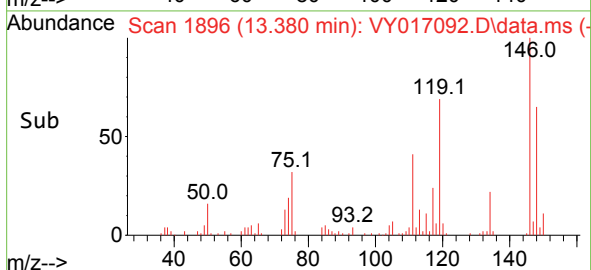
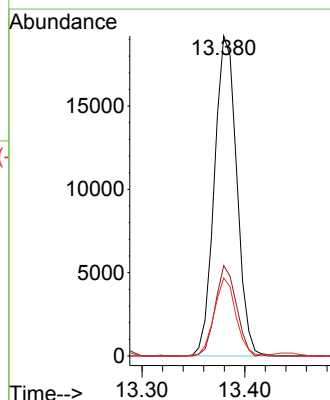
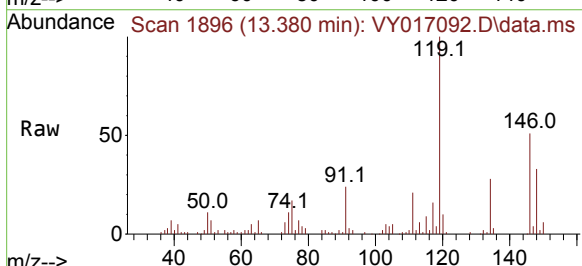
Tgt Ion:119 Resp: 28967

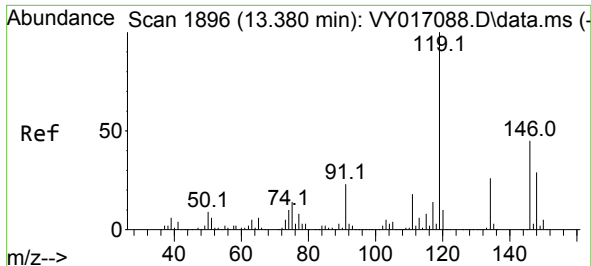
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 23.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 5.355 ug/l

RT: 13.380 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

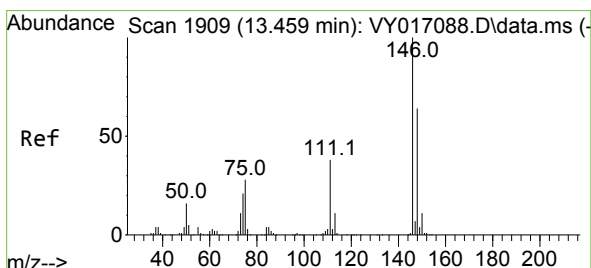
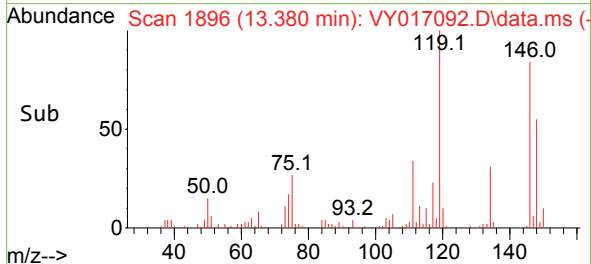
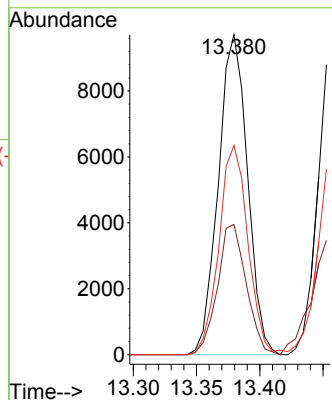
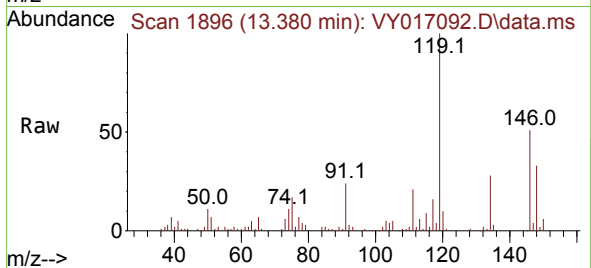
Tgt Ion:146 Resp: 15563

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 65.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 5.688 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

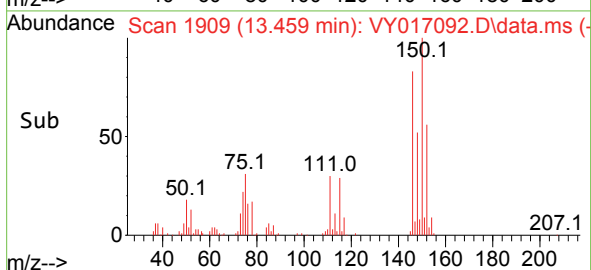
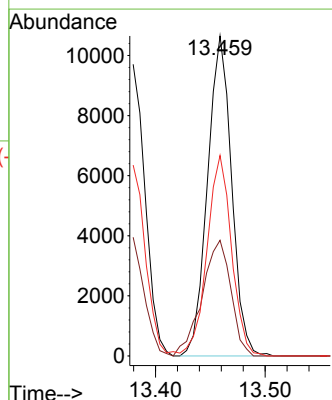
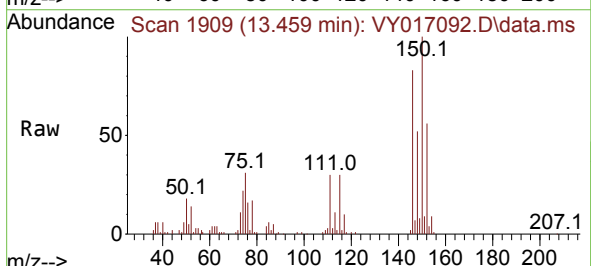
Tgt Ion:146 Resp: 16266

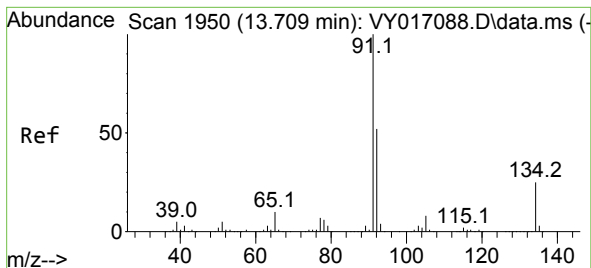
Ion Ratio Lower Upper

146 100

111 43.1 19.3 57.9

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 5.195 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

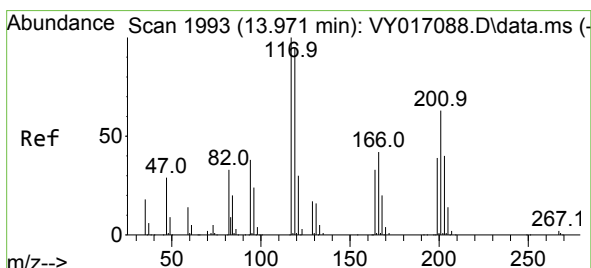
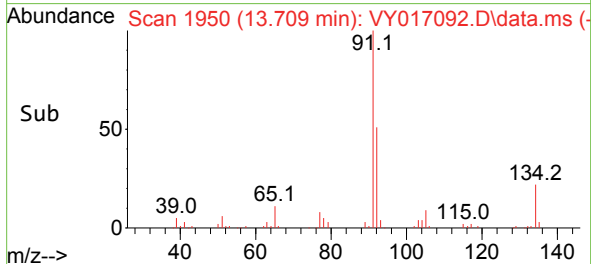
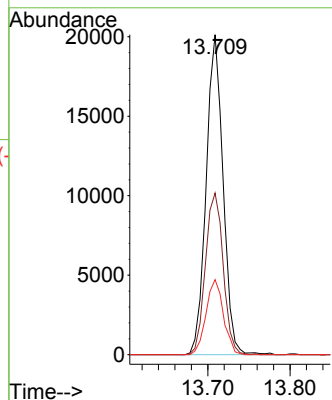
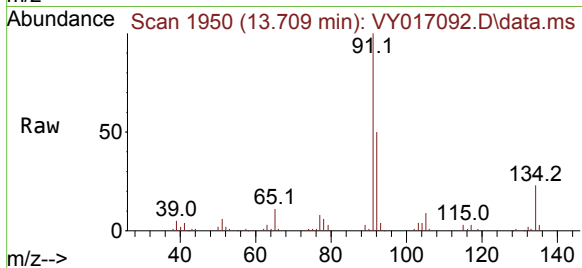
Tgt Ion: 91 Resp: 28783

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 5.471 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017092.D

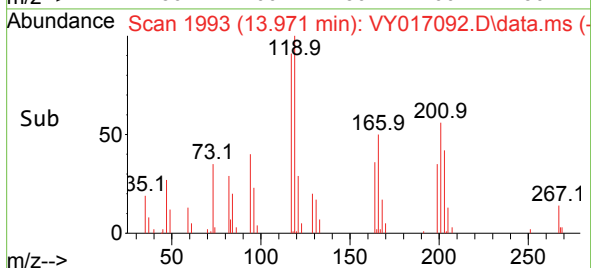
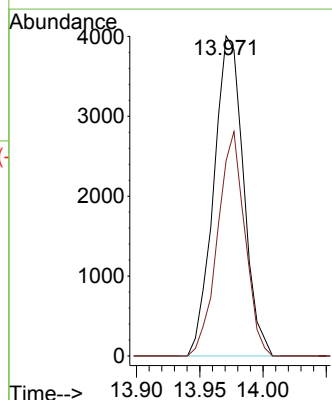
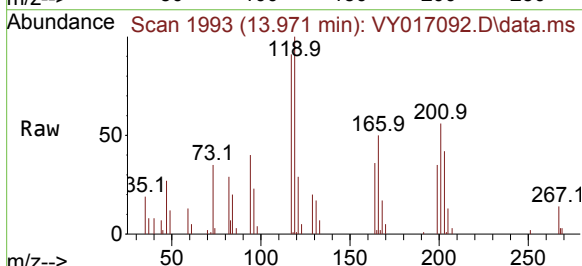
Acq: 24 Jan 2024 14:50

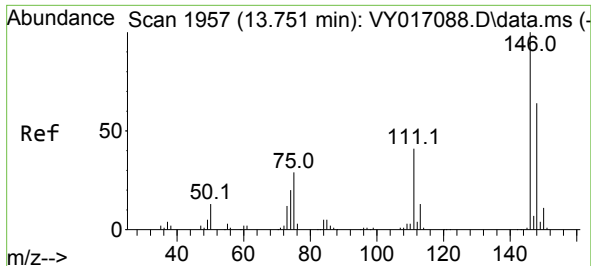
Tgt Ion: 117 Resp: 6550

Ion Ratio Lower Upper

117 100

201 64.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 5.475 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

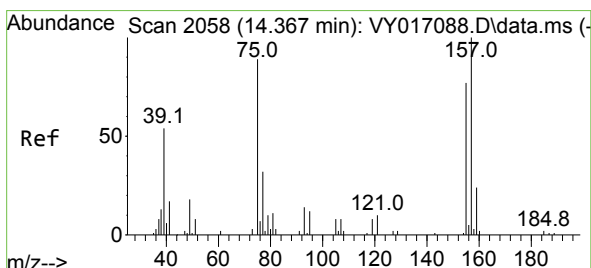
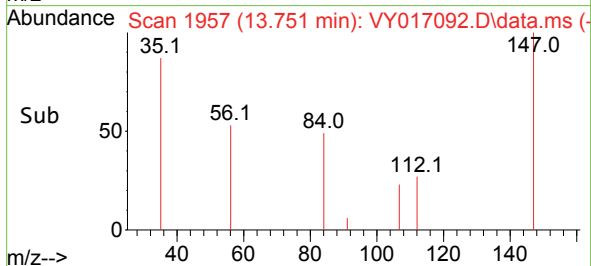
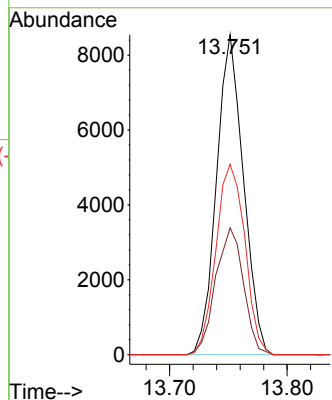
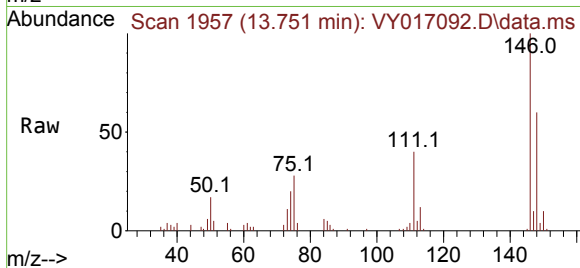
Tgt Ion:146 Resp: 13590

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 64.2 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.728 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

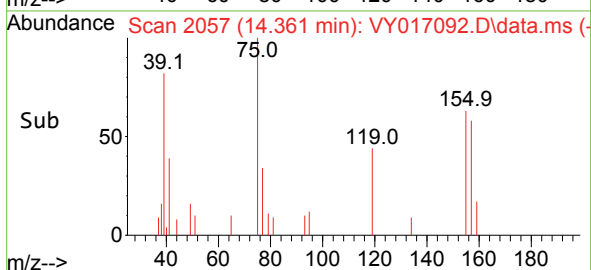
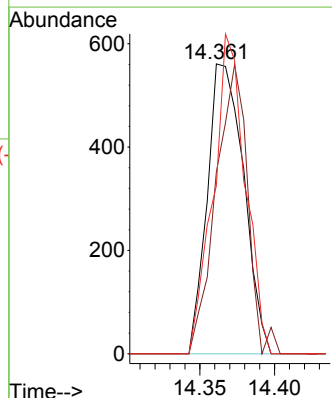
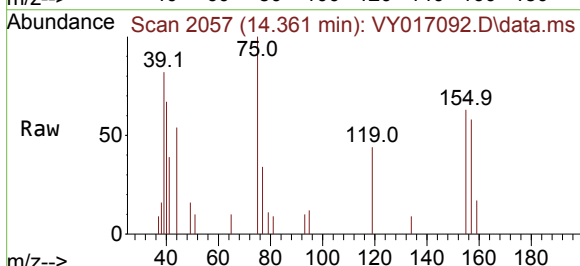
Tgt Ion: 75 Resp: 949

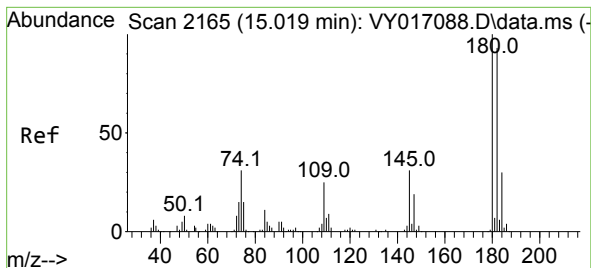
Ion Ratio Lower Upper

75 100

155 86.7 42.1 126.3

157 96.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 5.173 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

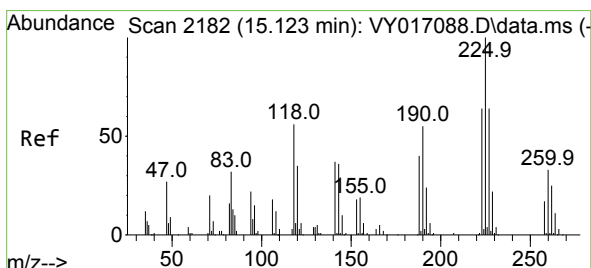
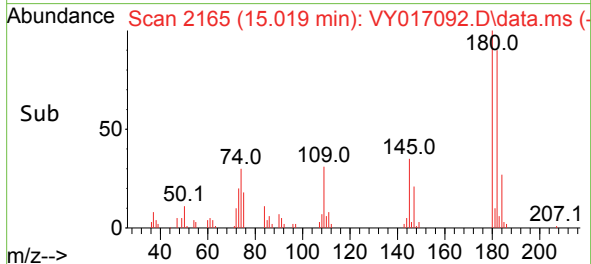
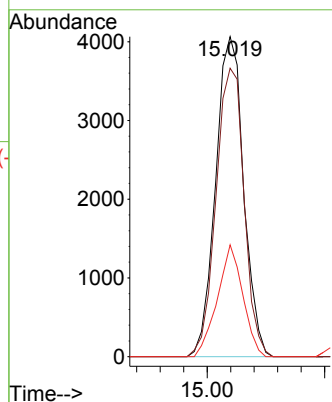
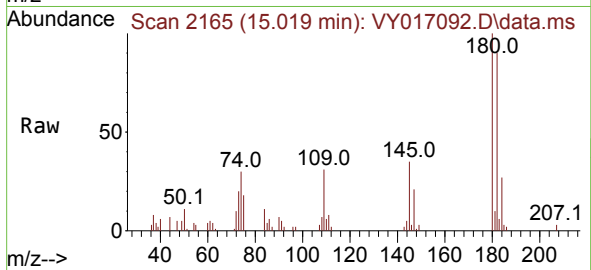
Tgt Ion:180 Resp: 6710

Ion Ratio Lower Upper

180 100

182 90.4 47.9 143.7

145 31.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 5.766 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

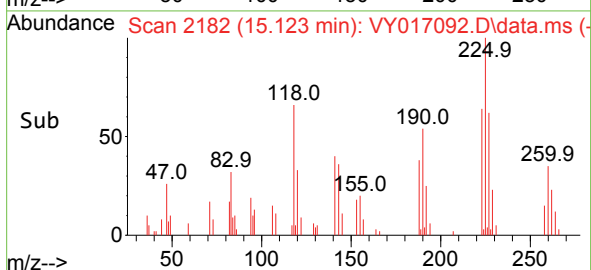
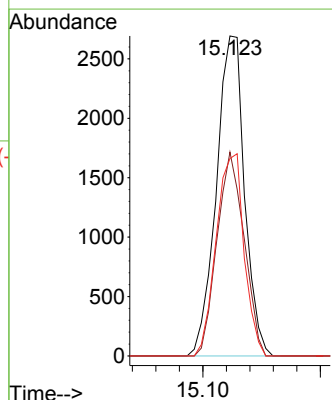
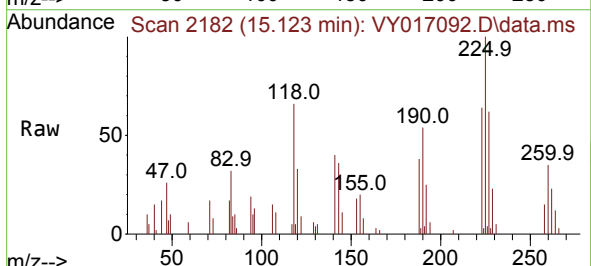
Tgt Ion:225 Resp: 4501

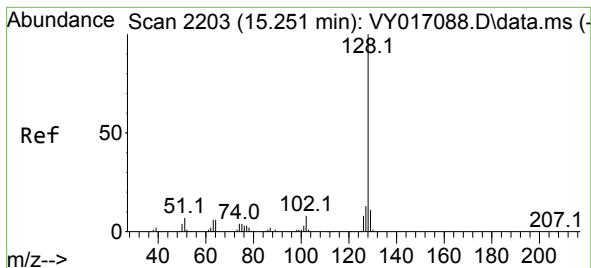
Ion Ratio Lower Upper

225 100

223 60.9 31.4 94.3

227 62.0 32.3 96.8





#95

Naphthalene

Concen: 4.814 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

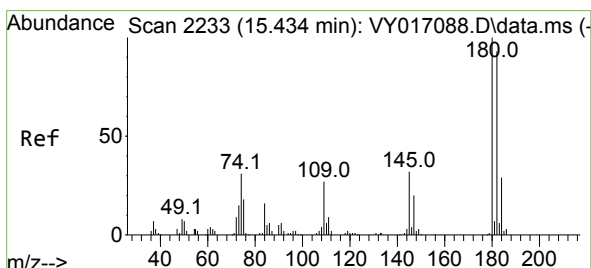
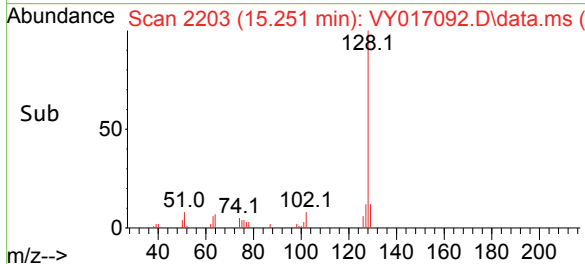
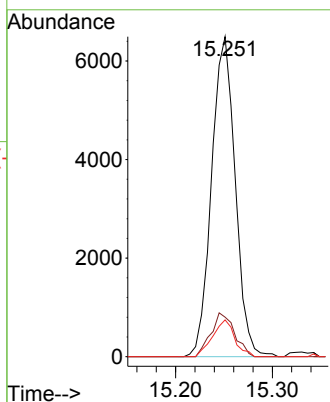
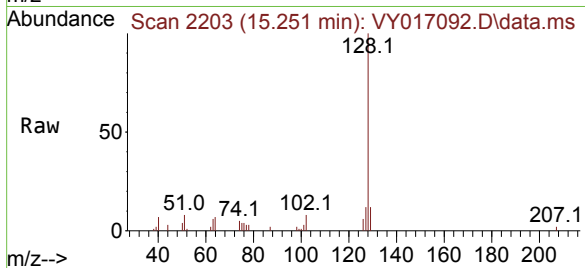
Tgt Ion:128 Resp: 11027

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 5.247 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017092.D

Acq: 24 Jan 2024 14:50

Tgt Ion:180 Resp: 5662

Ion Ratio Lower Upper

180 100

182 95.2 46.3 138.8

145 35.2 16.1 48.2

