

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017221.D
 Acq On : 05 Feb 2024 11:38
 Operator : SY/MD
 Sample : VY0205SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Quant Time: Feb 06 01:12:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	136289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	226439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	194673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	86500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57171	46.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.920%
35) Dibromofluoromethane	7.734	113	60469	49.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.191	98	226594	50.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.495	95	70333	48.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	24234	23.456	ug/l	98
3) Chloromethane	2.119	50	36522	19.677	ug/l	99
4) Vinyl Chloride	2.259	62	43949	19.431	ug/l	97
5) Bromomethane	2.656	94	29912	19.078	ug/l	96
6) Chloroethane	2.802	64	27949	19.138	ug/l	99
7) Trichlorofluoromethane	3.137	101	47307	20.340	ug/l	99
8) Diethyl Ether	3.540	74	14769	20.188	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	30241	21.449	ug/l	99
10) Methyl Iodide	4.107	142	28054	18.927	ug/l	98
11) Tert butyl alcohol	4.978	59	11468	102.156	ug/l	96
12) 1,1-Dichloroethene	3.881	96	27547	20.852	ug/l	97
13) Acrolein	3.741	56	11246	104.667	ug/l	100
14) Allyl chloride	4.497	41	39835	19.946	ug/l	99
15) Acrylonitrile	5.180	53	32766	99.475	ug/l	99
16) Acetone	3.960	43	39209	109.569	ug/l	100
17) Carbon Disulfide	4.210	76	81488	19.323	ug/l	99
18) Methyl Acetate	4.503	43	13899	17.411	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	62810	19.741	ug/l	99
20) Methylene Chloride	4.729	84	35935	22.599	ug/l	100
21) trans-1,2-Dichloroethene	5.235	96	30293	20.157	ug/l	95
22) Diisopropyl ether	6.131	45	90746	20.691	ug/l	97
23) Vinyl Acetate	6.076	43	270867	101.927	ug/l	99
24) 1,1-Dichloroethane	6.033	63	54988	20.466	ug/l	97
25) 2-Butanone	7.003	43	50099	105.313	ug/l	99
26) 2,2-Dichloropropane	6.996	77	45868	20.525	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	33758	20.084	ug/l	99
28) Bromochloromethane	7.350	49	18938	18.409	ug/l	99
29) Tetrahydrofuran	7.362	42	26804	99.744	ug/l	96
30) Chloroform	7.521	83	55034	20.362	ug/l	95
31) Cyclohexane	7.801	56	49480	20.163	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	47664	20.502	ug/l	99
36) 1,1-Dichloropropene	7.929	75	42600	20.200	ug/l	99
37) Ethyl Acetate	7.082	43	19496	19.932	ug/l	100
38) Carbon Tetrachloride	7.911	117	42539	21.067	ug/l	99
39) Methylcyclohexane	9.197	83	49766	20.199	ug/l	98
40) Benzene	8.173	78	124523	20.676	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10575	22.818	ug/l	99
42) 1,2-Dichloroethane	8.246	62	31898	20.004	ug/l	99
43) Isopropyl Acetate	8.283	43	33971	19.619	ug/l	99
44) Trichloroethene	8.953	130	32124	21.013	ug/l	99
45) 1,2-Dichloropropane	9.228	63	30285	20.472	ug/l	95
46) Dibromomethane	9.319	93	16544	20.704	ug/l	99
47) Bromodichloromethane	9.508	83	41633	20.818	ug/l	98
48) Methyl methacrylate	9.307	41	16048	19.759	ug/l	98
49) 1,4-Dioxane	9.313	88	3422	393.441	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	94953	102.300	ug/l	98
52) Toluene	10.258	92	76022	20.912	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	38005	20.232	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	46361	20.605	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	22717	20.895	ug/l	98
56) Ethyl methacrylate	10.520	69	26651	20.129	ug/l	99
57) 1,3-Dichloropropane	10.801	76	37915	20.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	64361	95.024	ug/l	98
59) 2-Hexanone	10.843	43	72879	108.584	ug/l	100
60) Dibromochloromethane	10.996	129	26230	20.565	ug/l	100
61) 1,2-Dibromoethane	11.099	107	20867	20.637	ug/l	99
64) Tetrachloroethene	10.734	164	26946	21.313	ug/l	97
65) Chlorobenzene	11.526	112	77971	20.762	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	28064	20.563	ug/l	99
67) Ethyl Benzene	11.605	91	141514	20.850	ug/l	99
68) m/p-Xylenes	11.715	106	106654	41.408	ug/l	99
69) o-Xylene	12.044	106	49275	20.774	ug/l	100
70) Styrene	12.056	104	81924	20.963	ug/l	98
71) Bromoform	12.221	173	14633	20.474	ug/l #	96
73) Isopropylbenzene	12.343	105	133435	20.998	ug/l	100
74) N-amyl acetate	12.154	43	27901	19.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	26038	20.833	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	30583	38.306	ug/l #	100
77) Bromobenzene	12.623	156	28807	20.437	ug/l	99
78) n-propylbenzene	12.684	91	164535	21.082	ug/l	99
79) 2-Chlorotoluene	12.770	91	88958	20.733	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	106444	21.062	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7831	20.381	ug/l	97
82) 4-Chlorotoluene	12.867	91	92913	21.040	ug/l	100
83) tert-Butylbenzene	13.087	119	91108	21.031	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	104247	20.898	ug/l	98
85) sec-Butylbenzene	13.264	105	143133	21.140	ug/l	99
86) p-Isopropyltoluene	13.379	119	113520	20.981	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	57462	20.435	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	57058	20.886	ug/l	98
89) n-Butylbenzene	13.709	91	106627	20.727	ug/l	100
90) Hexachloroethane	13.971	117	23117	20.812	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	50397	21.053	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3264	20.049	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	24939	20.974	ug/l	98
94) Hexachlorobutadiene	15.123	225	15125	21.598	ug/l	99
95) Naphthalene	15.251	128	42972	20.648	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	20863	20.631	ug/l	99

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ClientSampleId :
VY0205SBSD01

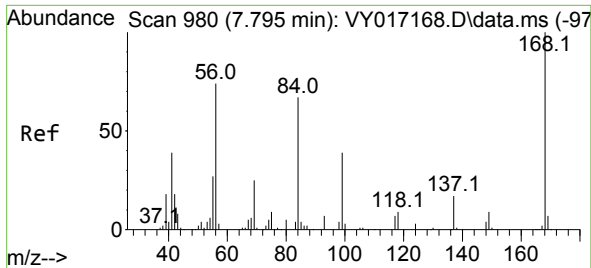
Quant Time: Feb 06 01:12:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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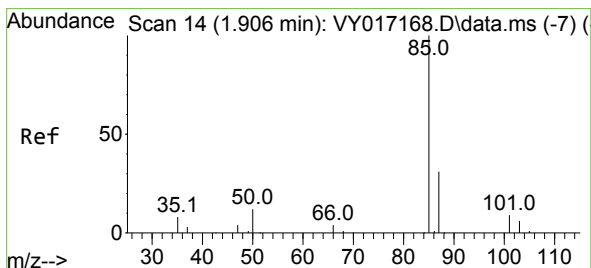
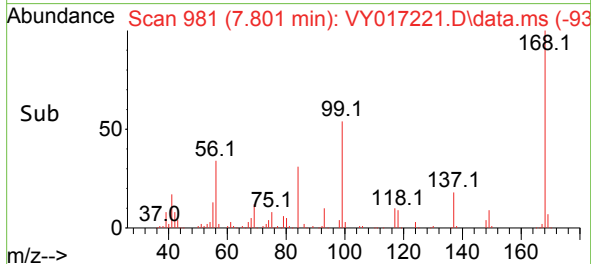
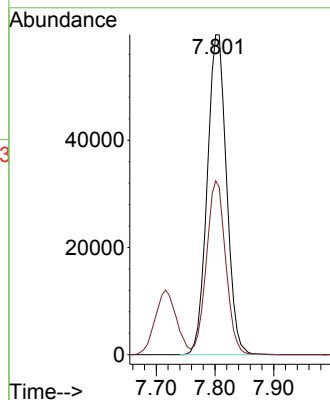
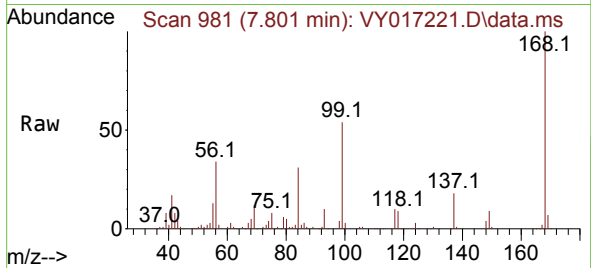




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017221.D
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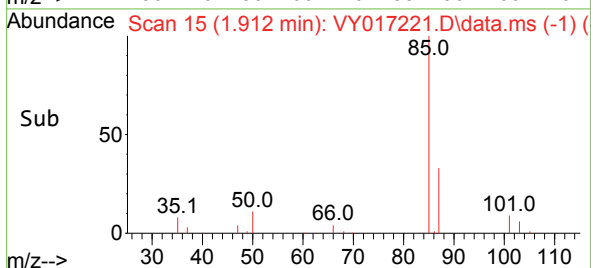
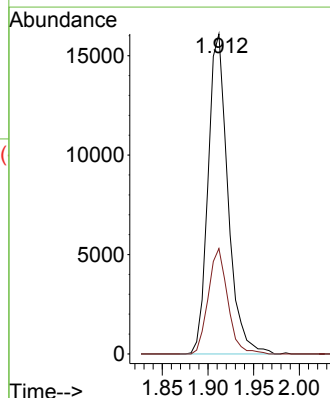
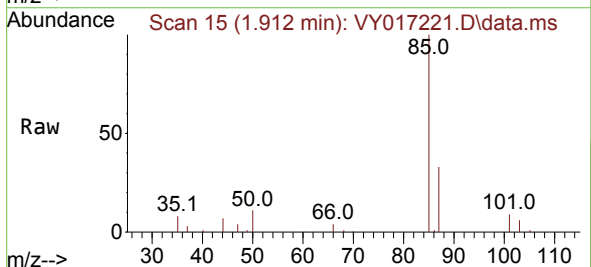
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

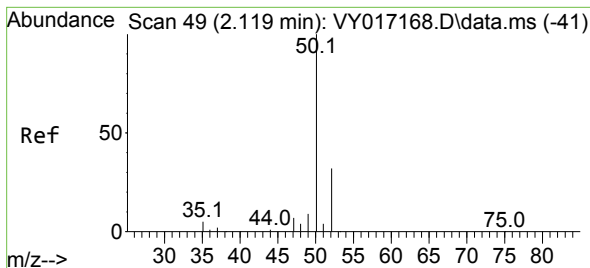
Tgt Ion:168 Resp: 136289
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 23.456 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 85 Resp: 24234
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.3





#3

Chloromethane

Concen: 19.677 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

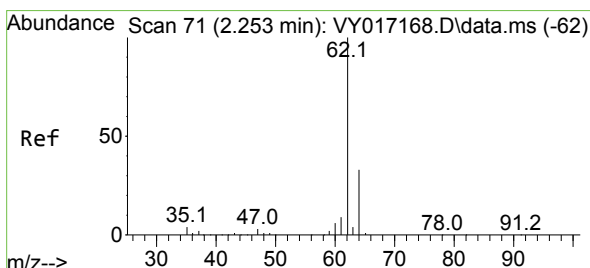
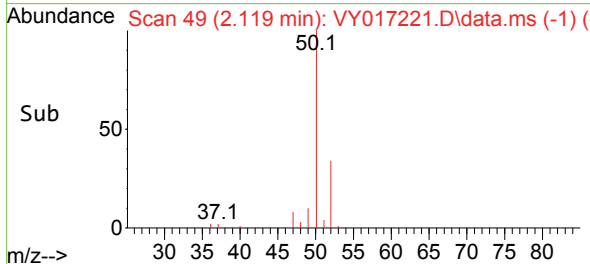
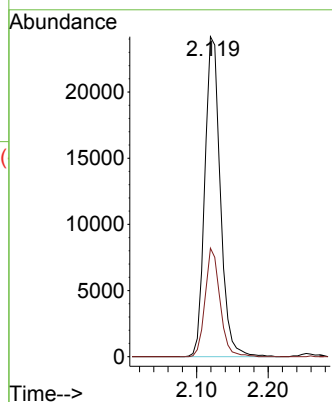
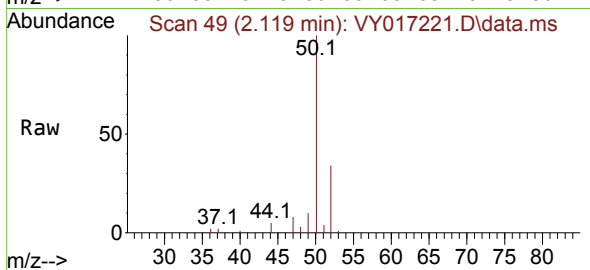
VY0205SBSD01

Tgt Ion: 50 Resp: 36522

Ion Ratio Lower Upper

50 100

52 33.9 26.7 40.1



#4

Vinyl Chloride

Concen: 19.431 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY017221.D

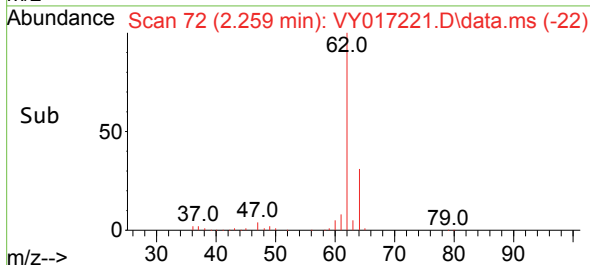
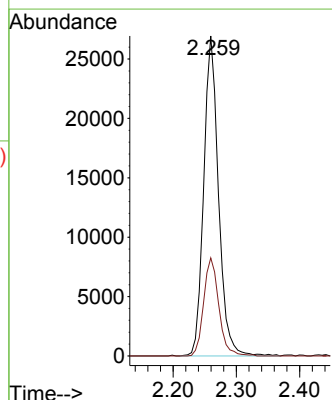
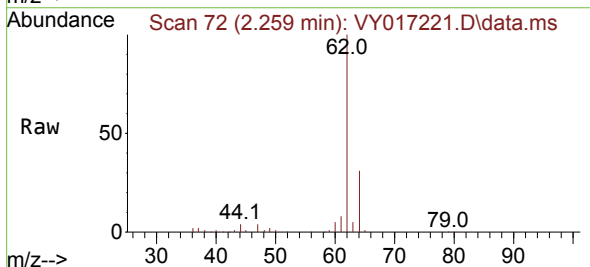
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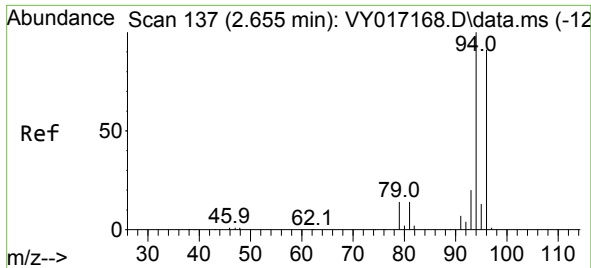
Tgt Ion: 62 Resp: 43949

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5

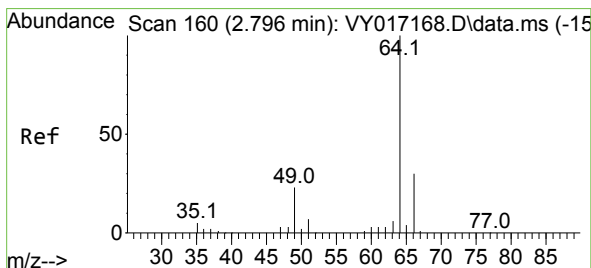
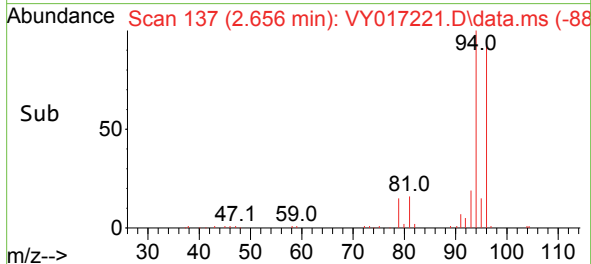
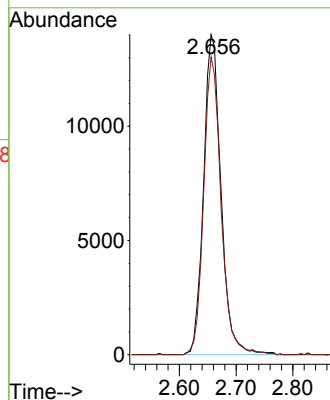
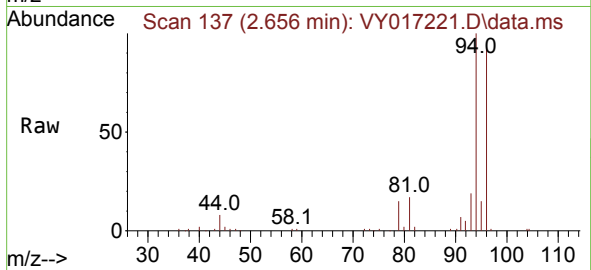




#5
Bromomethane
Concen: 19.078 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

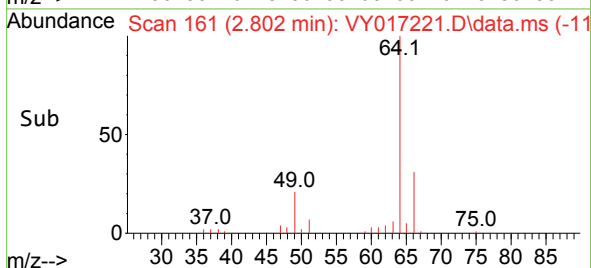
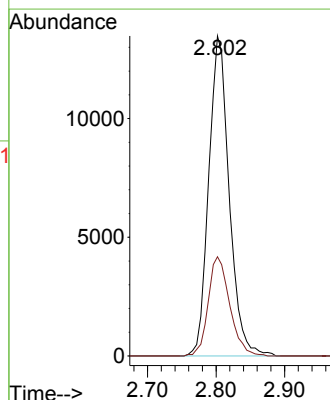
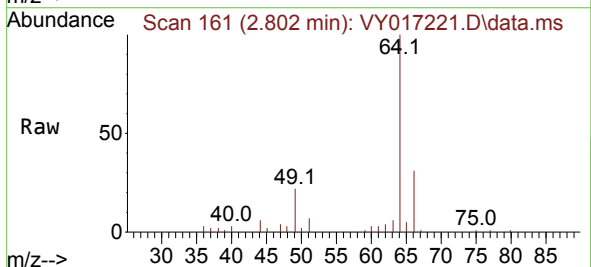
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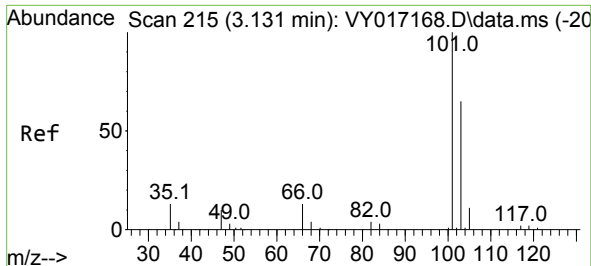
Tgt Ion: 94 Resp: 29912
Ion Ratio Lower Upper
94 100
96 93.0 77.3 115.9



#6
Chloroethane
Concen: 19.138 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 64 Resp: 27949
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7

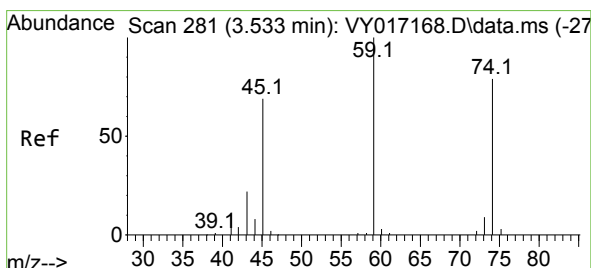
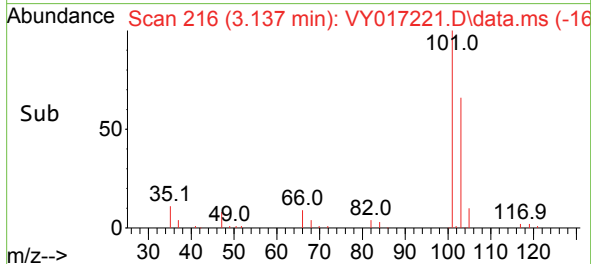
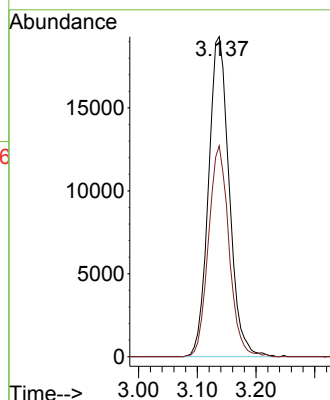
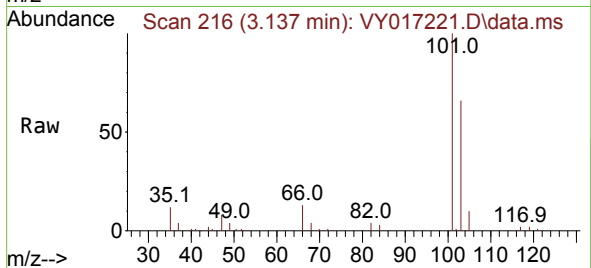




#7
Trichlorofluoromethane
Concen: 20.340 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

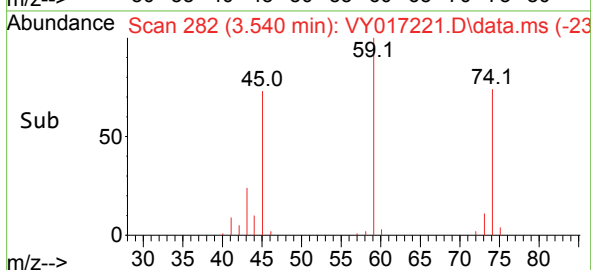
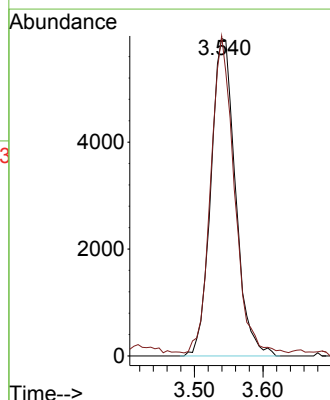
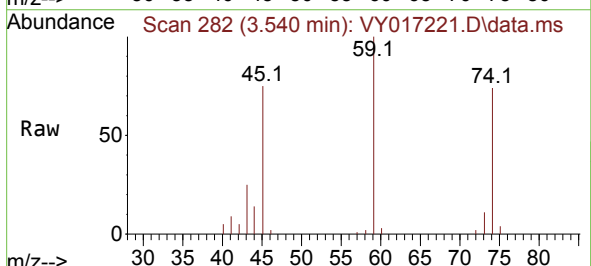
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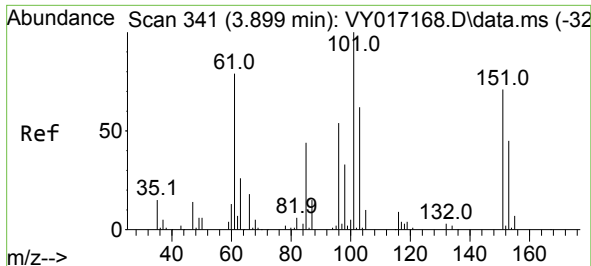
Tgt Ion:101 Resp: 47307
Ion Ratio Lower Upper
101 100
103 65.9 51.9 77.9



#8
Diethyl Ether
Concen: 20.188 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 74 Resp: 14769
Ion Ratio Lower Upper
74 100
45 95.4 47.9 143.7

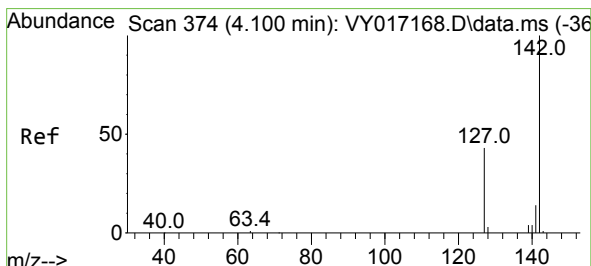
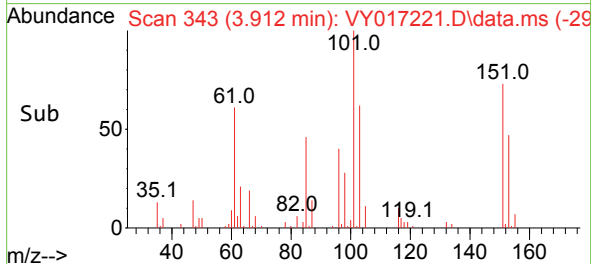
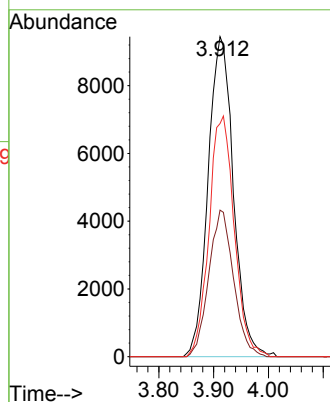
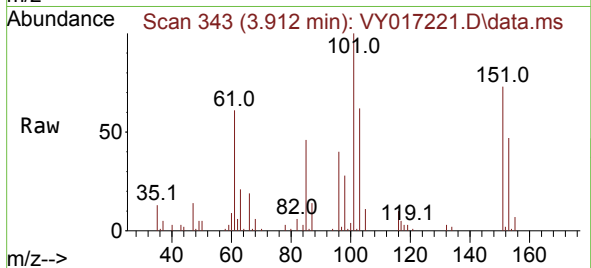




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.449 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY017221.D
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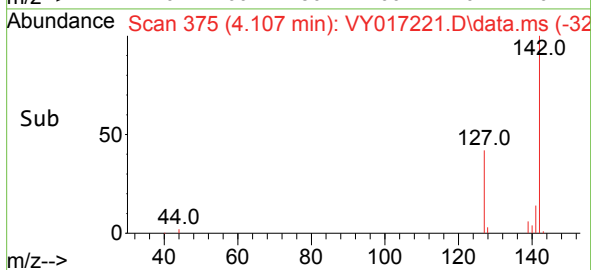
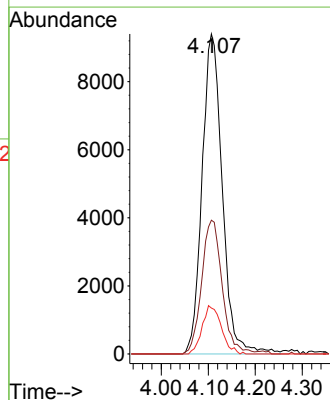
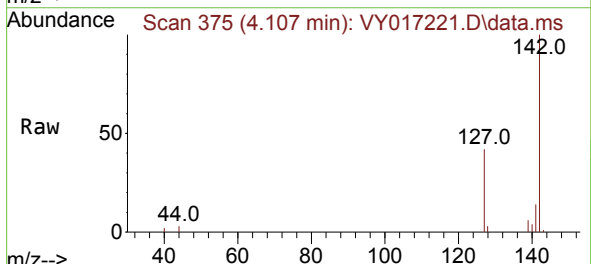
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

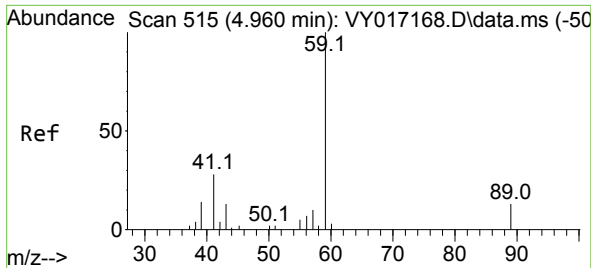
Tgt Ion:	101	Resp:	30241
Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.8	53.6
151	75.0	58.6	88.0



#10
Methyl Iodide
Concen: 18.927 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion:	142	Resp:	28054
Ion	Ratio	Lower	Upper
142	100		
127	42.4	35.1	52.7
141	14.3	11.8	17.6

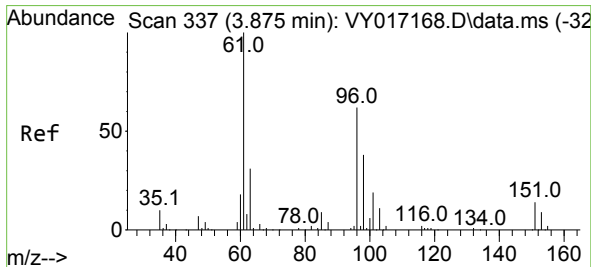
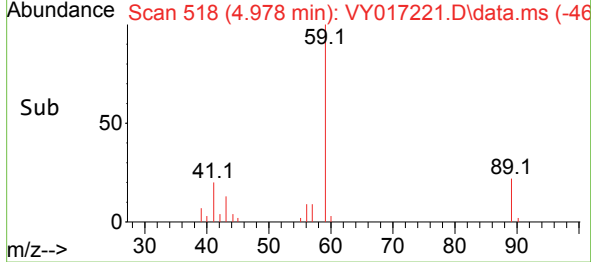
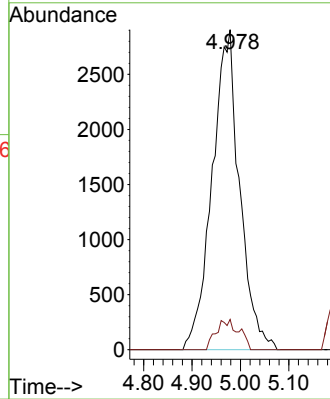
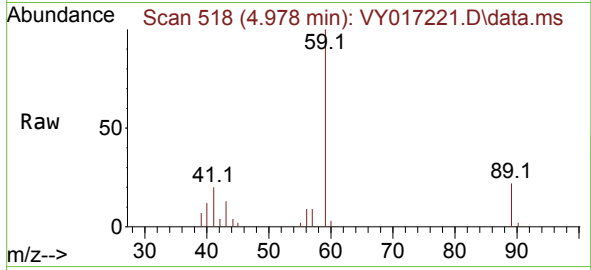




#11
Tert butyl alcohol
Concen: 102.156 ug/l
RT: 4.978 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

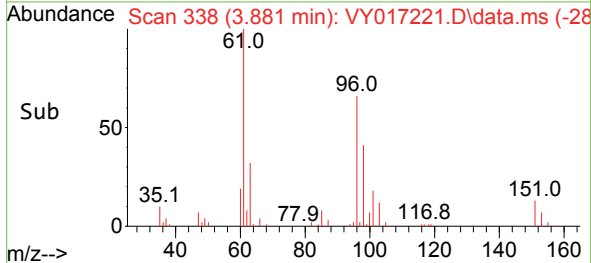
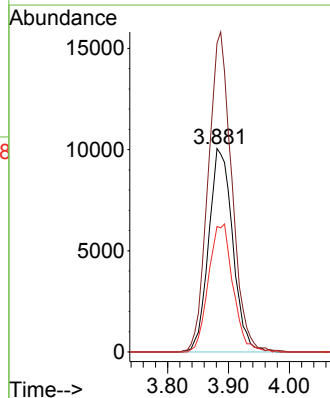
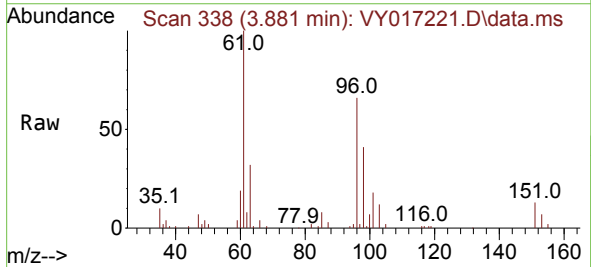
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

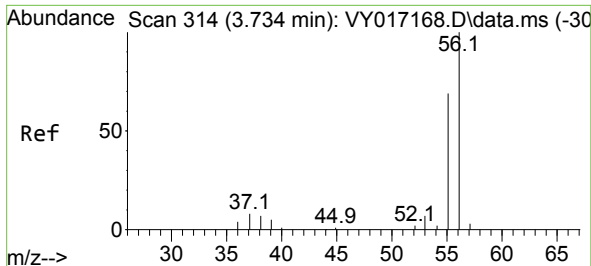
Tgt Ion: 59 Resp: 11468
Ion Ratio Lower Upper
59 100
57 7.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 20.852 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 96 Resp: 27547
Ion Ratio Lower Upper
96 100
61 151.8 124.2 186.2
98 61.7 52.6 79.0





#13

Acrolein

Concen: 104.667 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.007 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

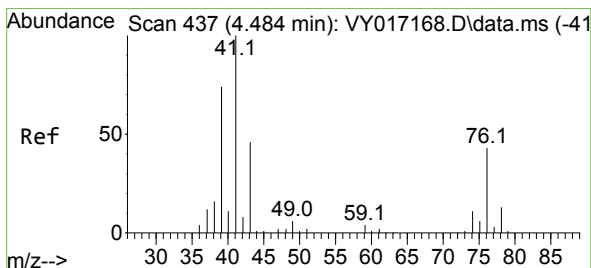
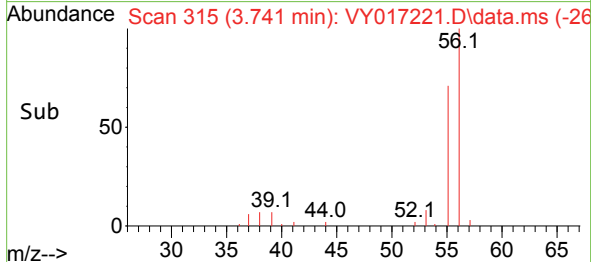
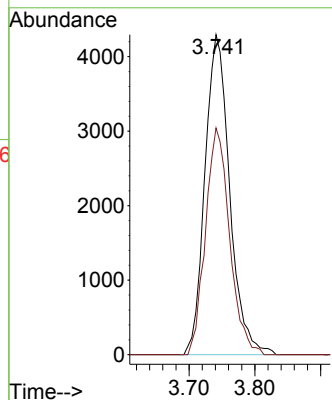
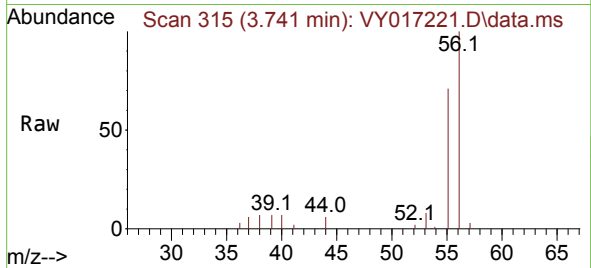
VY0205SBSD01

Tgt Ion: 56 Resp: 11246

Ion Ratio Lower Upper

56 100

55 68.9 55.4 83.0



#14

Allyl chloride

Concen: 19.946 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.013 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

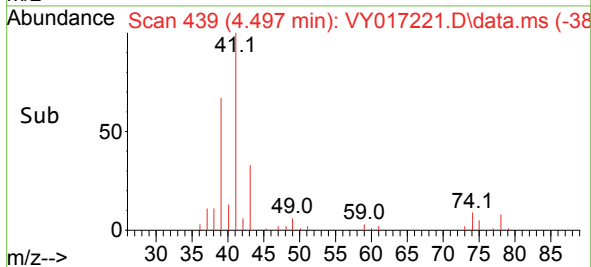
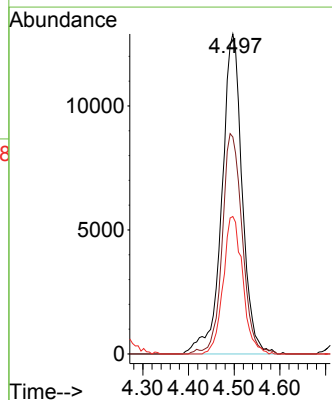
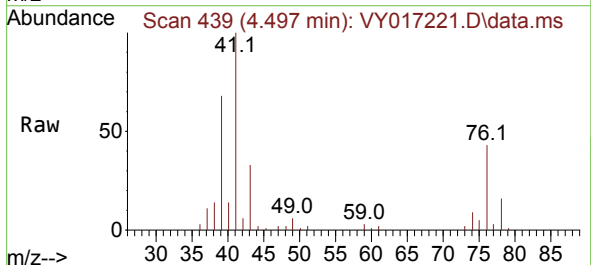
Tgt Ion: 41 Resp: 39835

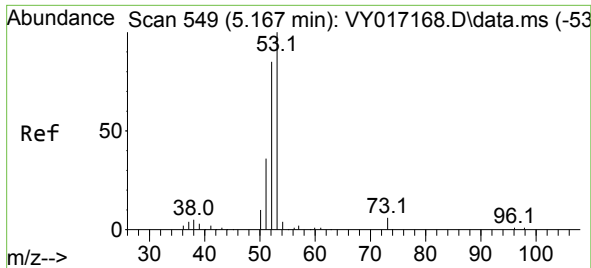
Ion Ratio Lower Upper

41 100

39 68.0 54.7 82.1

76 41.4 31.8 47.6

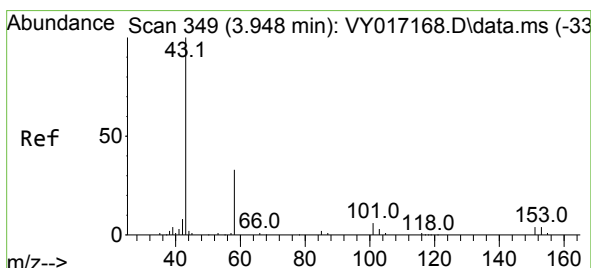
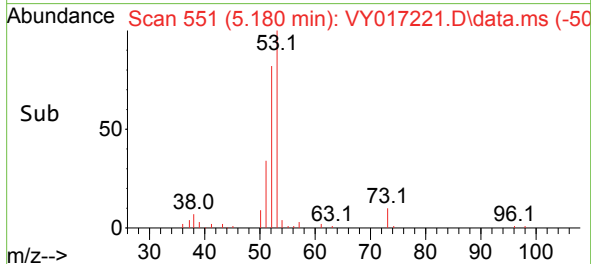
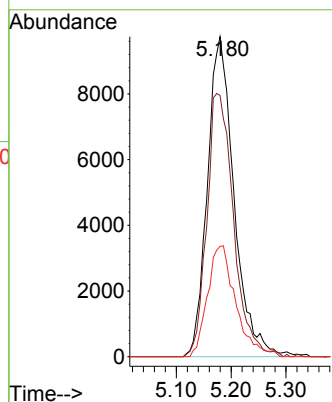
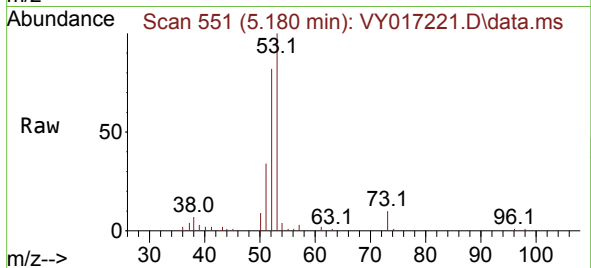




#15
Acrylonitrile
Concen: 99.475 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

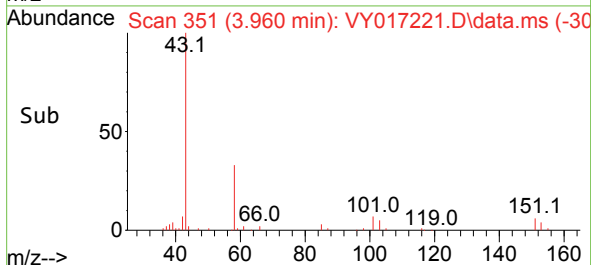
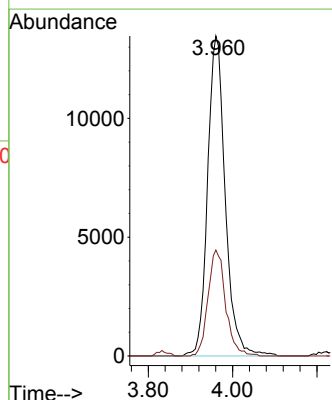
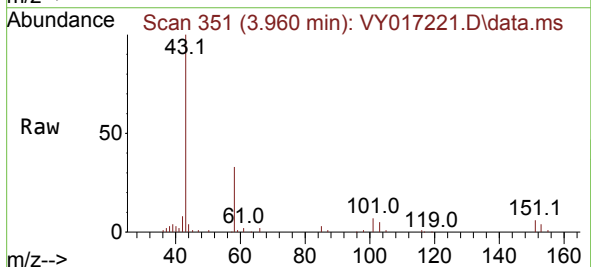
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

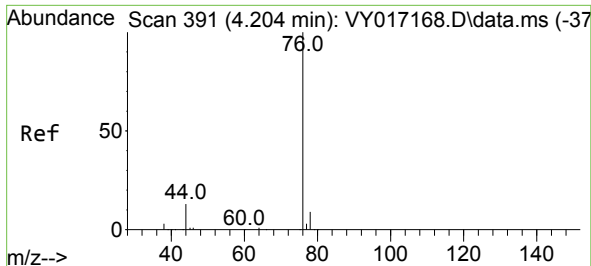
Tgt Ion: 53	Resp:	32766
Ion	Ratio	Lower Upper
53	100	
52	82.7	65.1 97.7
51	36.9	29.0 43.4



#16
Acetone
Concen: 109.569 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 43	Resp:	39209
Ion	Ratio	Lower Upper
43	100	
58	33.1	26.6 39.8

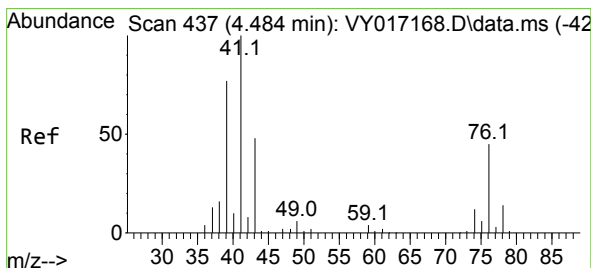
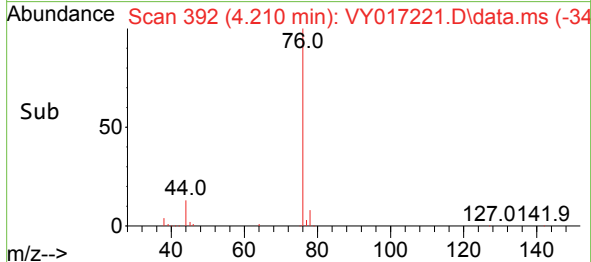
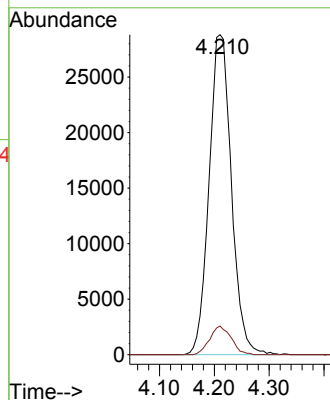
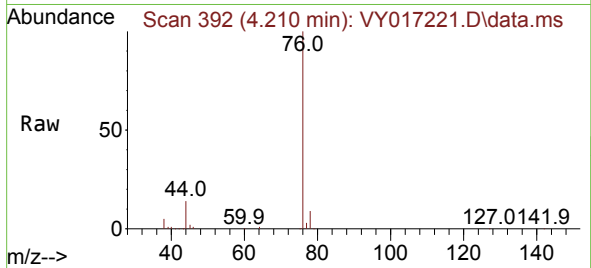




#17
Carbon Disulfide
Concen: 19.323 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

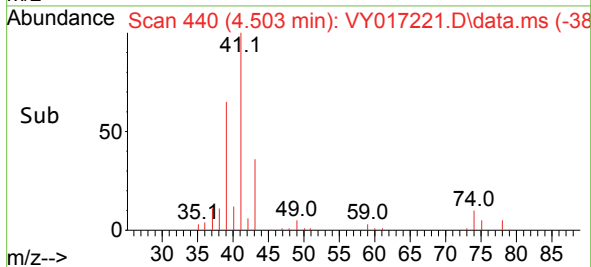
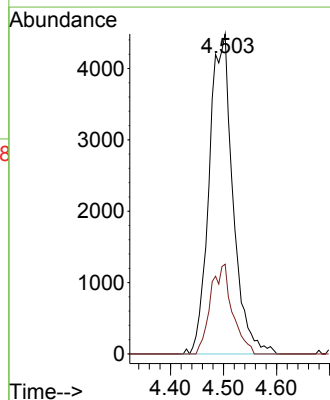
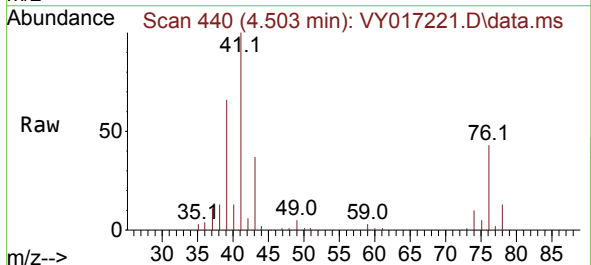
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

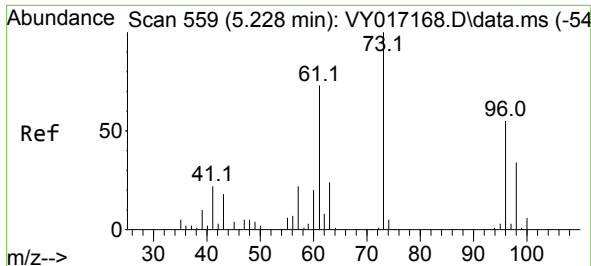
Tgt Ion: 76 Resp: 81488
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 17.411 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.019 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 43 Resp: 13899
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.741 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.013 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

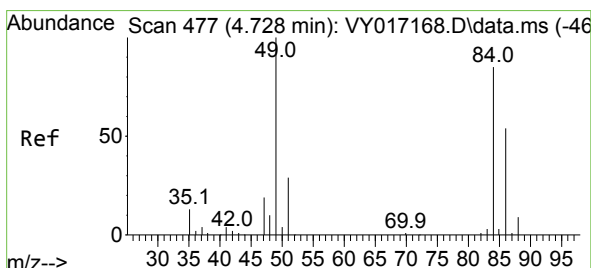
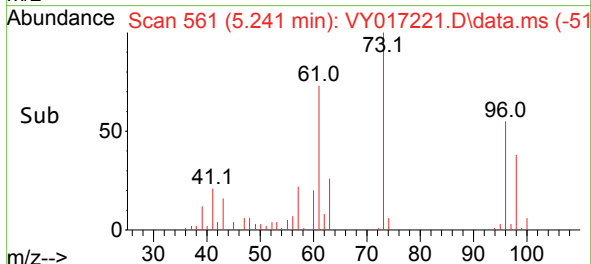
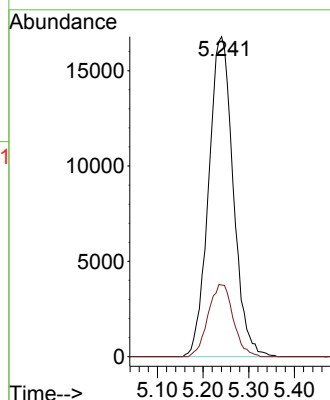
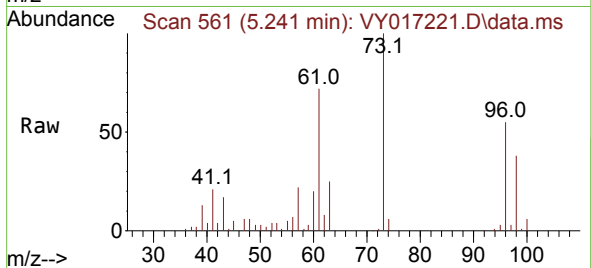
VY0205SBS01

Tgt Ion: 73 Resp: 62810

Ion Ratio Lower Upper

73 100

57 22.4 17.7 26.5



#20

Methylene Chloride

Concen: 22.599 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.001 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Tgt Ion: 84 Resp: 35935

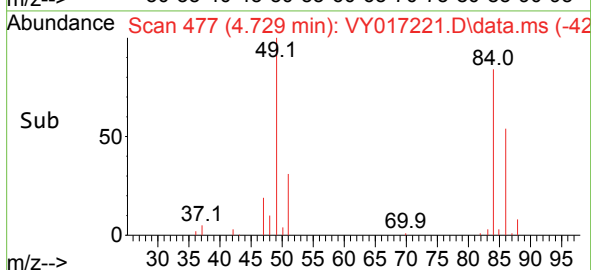
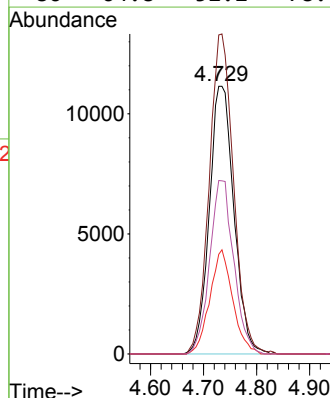
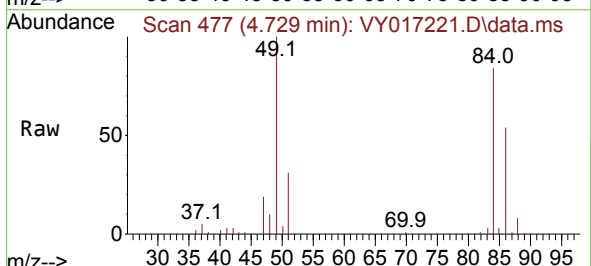
Ion Ratio Lower Upper

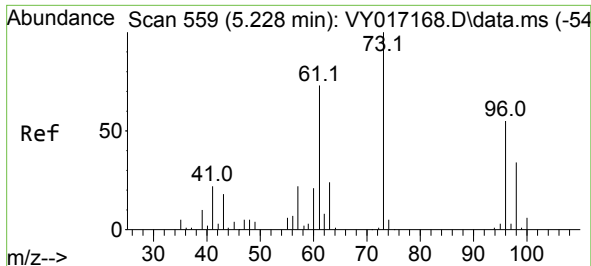
84 100

49 119.2 95.2 142.8

51 37.2 29.9 44.9

86 64.8 52.2 78.4

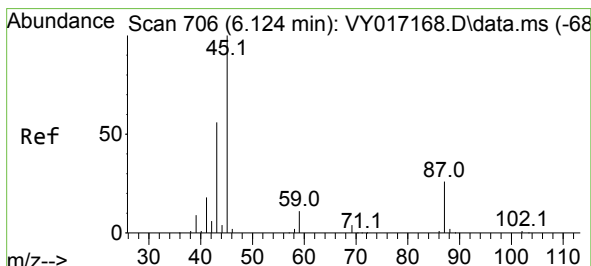
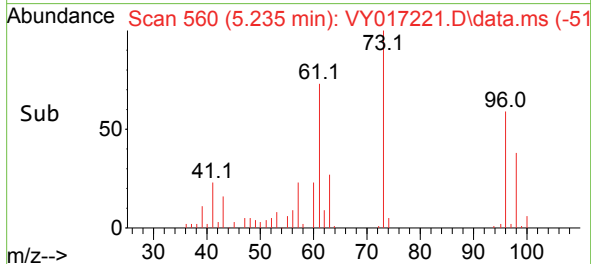
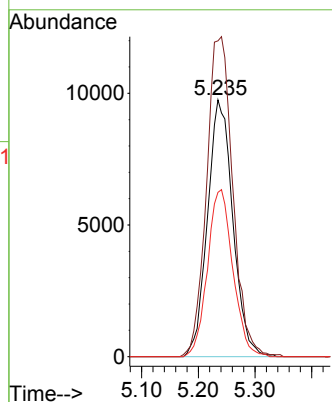
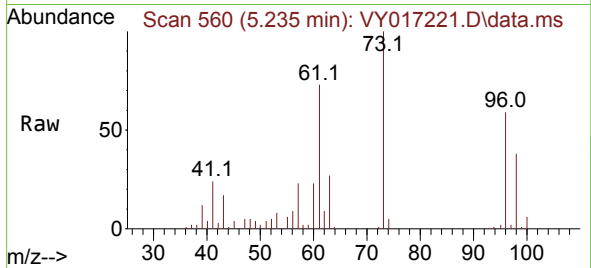




#21
trans-1,2-Dichloroethene
Concen: 20.157 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

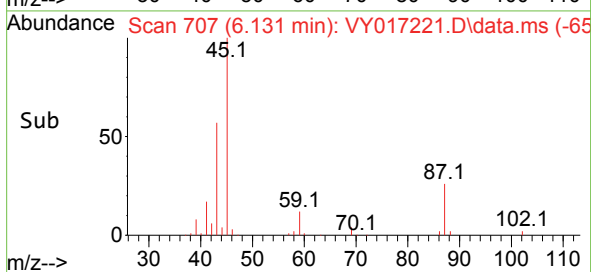
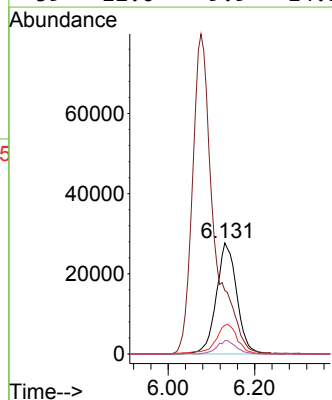
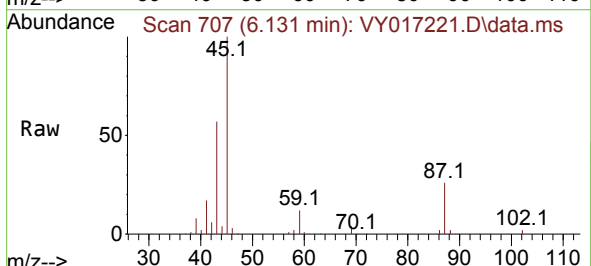
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

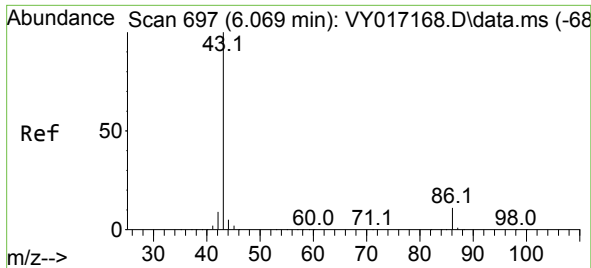
Tgt Ion: 96 Resp: 30293
Ion Ratio Lower Upper
96 100
61 123.1 104.6 156.8
98 64.0 50.9 76.3



#22
Diisopropyl ether
Concen: 20.691 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 45 Resp: 90746
Ion Ratio Lower Upper
45 100
43 56.5 46.8 70.2
87 25.7 22.2 33.2
59 12.0 9.9 14.9

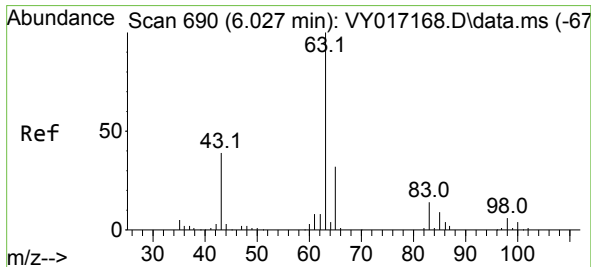
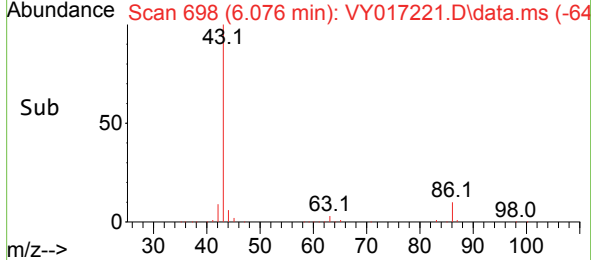
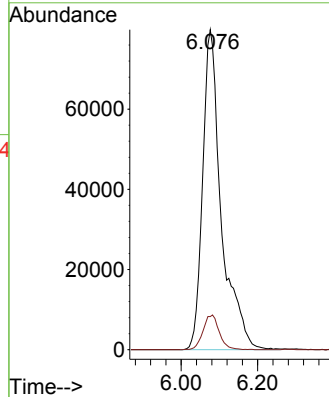
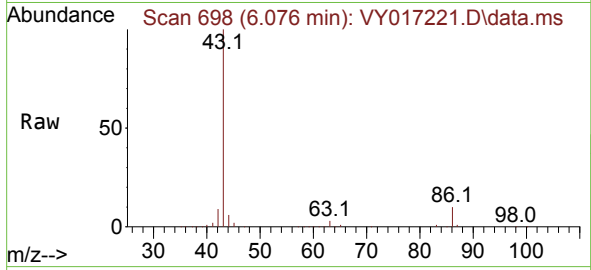




#23
 Vinyl Acetate
 Concen: 101.927 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY017221.D
 Acq: 05 Feb 2024 11:38

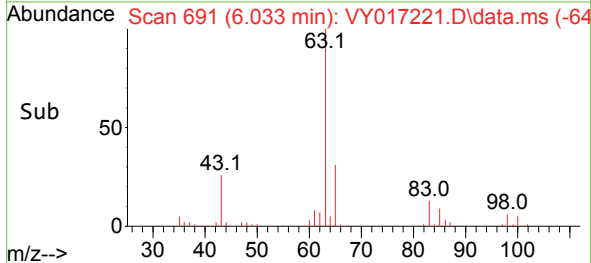
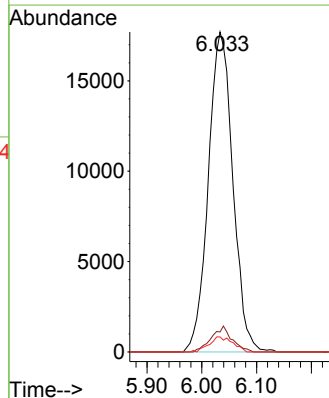
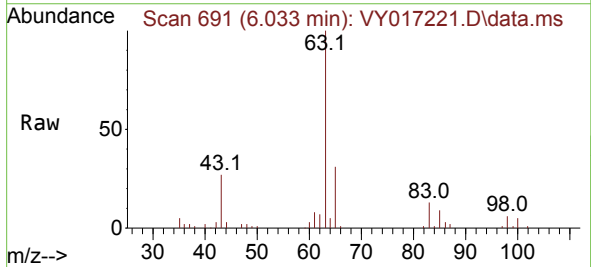
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBSD01

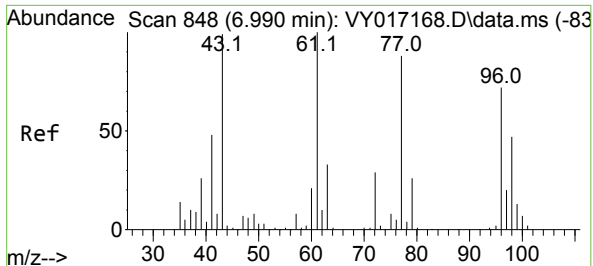
Tgt Ion: 43 Resp: 270867
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.466 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017221.D
 Acq: 05 Feb 2024 11:38

Tgt Ion: 63 Resp: 54988
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 105.313 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

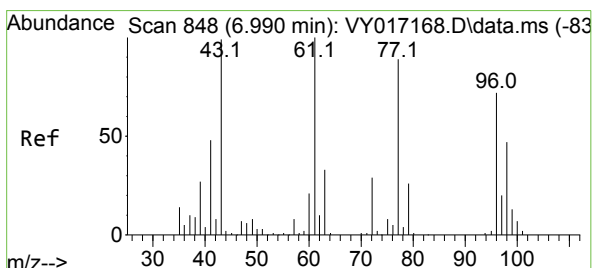
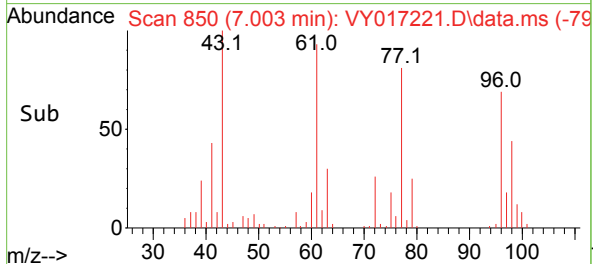
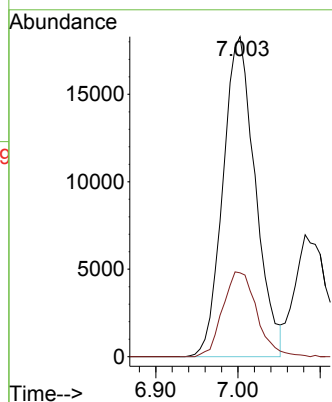
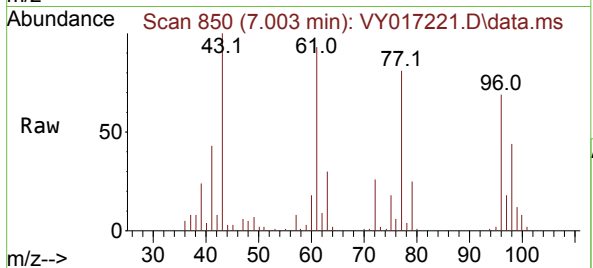
VY0205SBSD01

Tgt Ion: 43 Resp: 50099

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.525 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017221.D

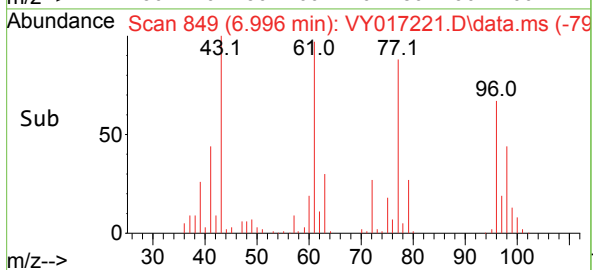
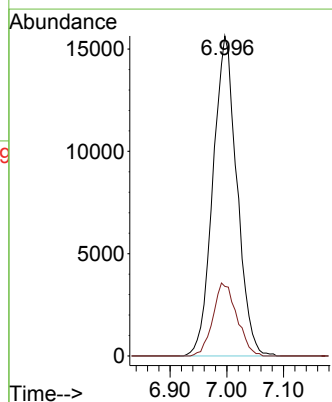
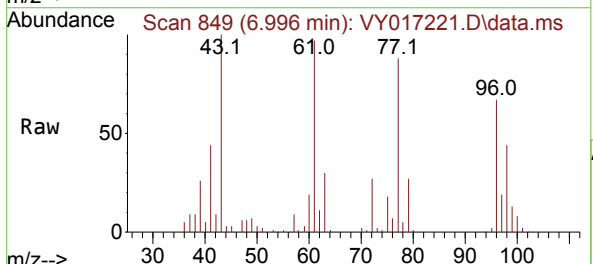
Acq: 05 Feb 2024 11:38

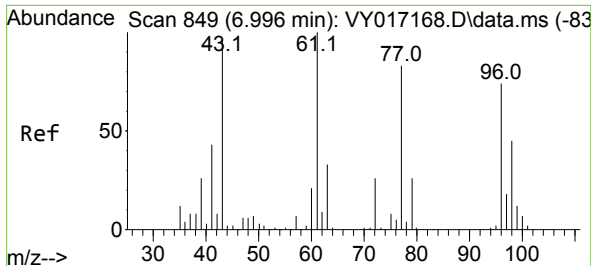
Tgt Ion: 77 Resp: 45868

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.084 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

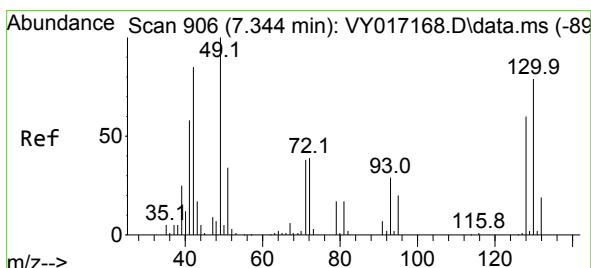
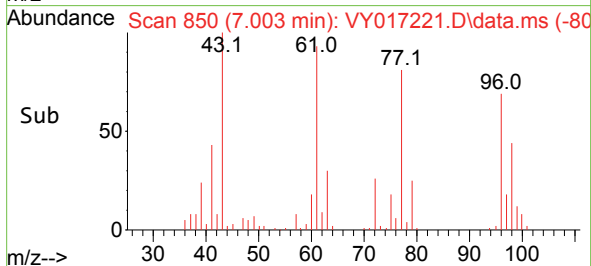
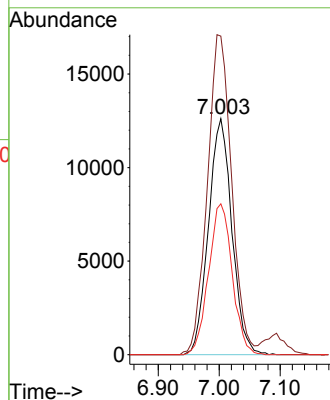
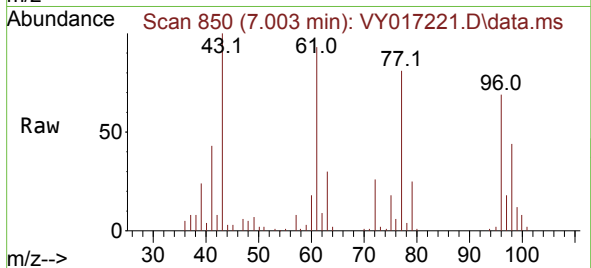
Tgt Ion: 96 Resp: 33758

Ion Ratio Lower Upper

96 100

61 140.1 0.0 278.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 18.409 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

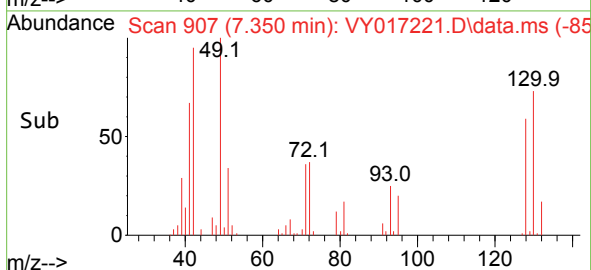
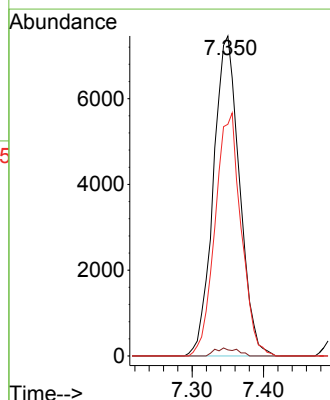
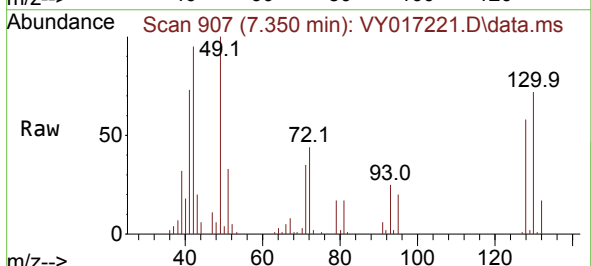
Tgt Ion: 49 Resp: 18938

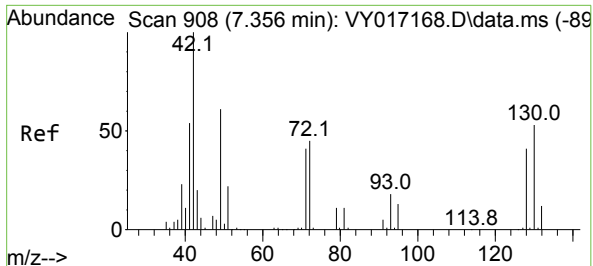
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 75.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 99.744 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

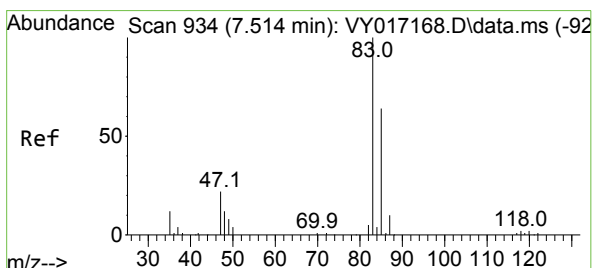
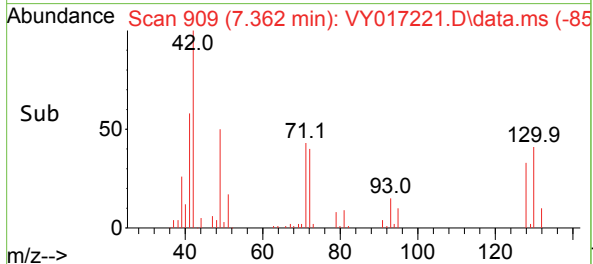
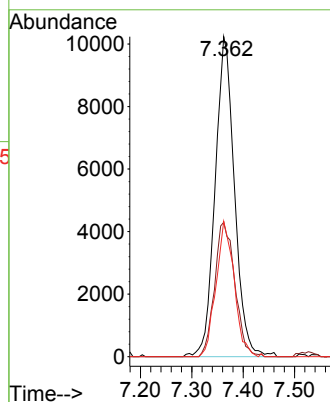
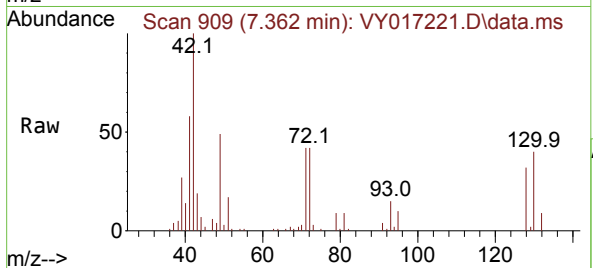
Tgt Ion: 42 Resp: 26804

Ion Ratio Lower Upper

42 100

72 43.8 36.6 54.8

71 39.6 33.8 50.6



#30

Chloroform

Concen: 20.362 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017221.D

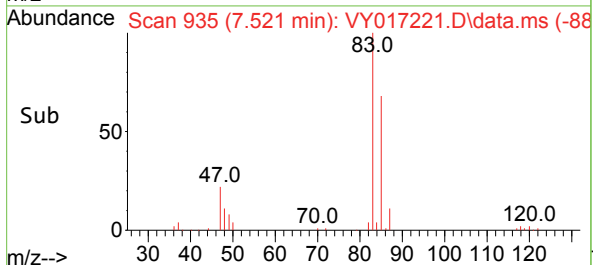
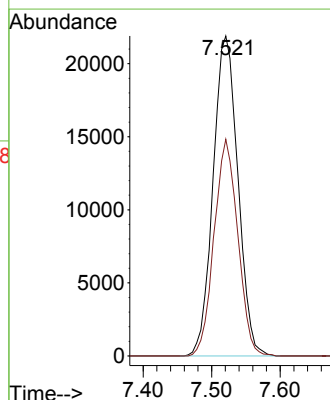
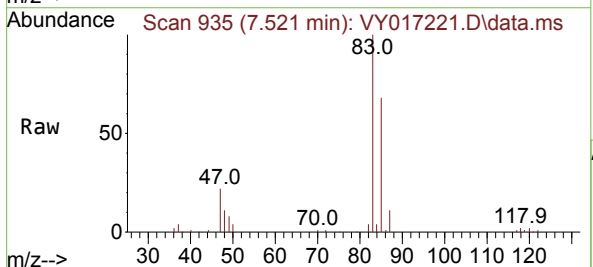
Acq: 05 Feb 2024 11:38

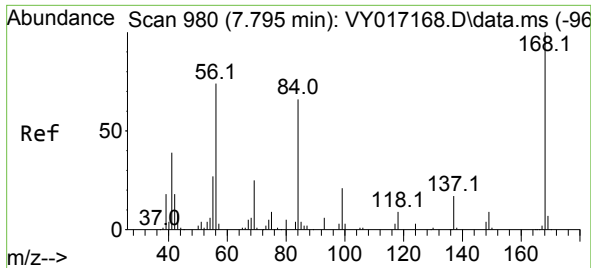
Tgt Ion: 83 Resp: 55034

Ion Ratio Lower Upper

83 100

85 67.7 51.2 76.8

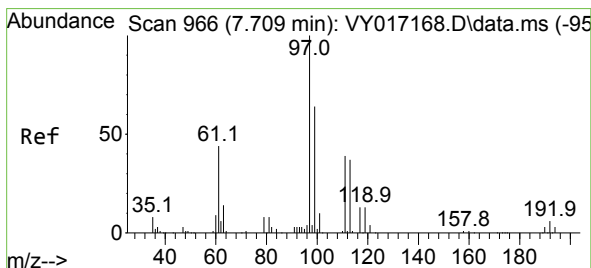
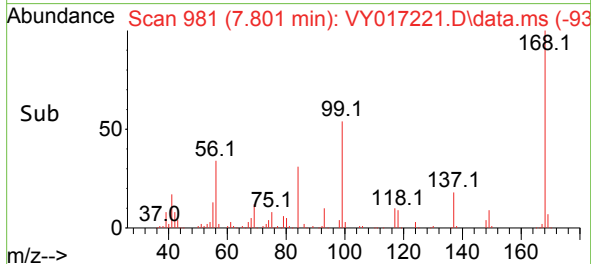
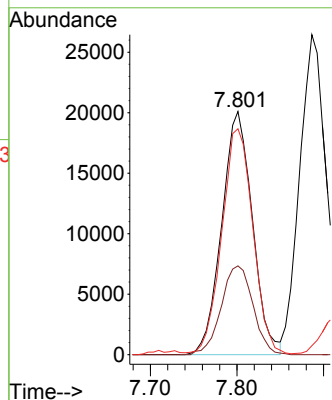
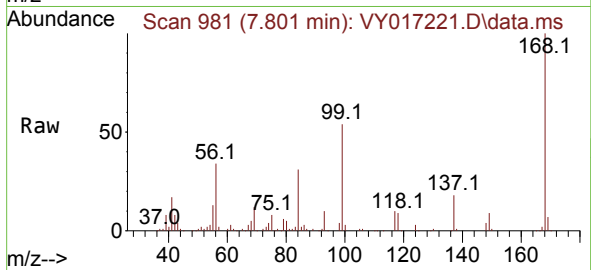




#31
Cyclohexane
Concen: 20.163 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

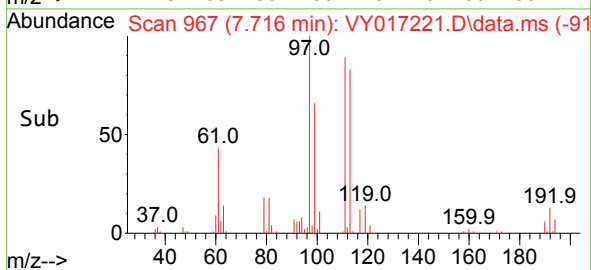
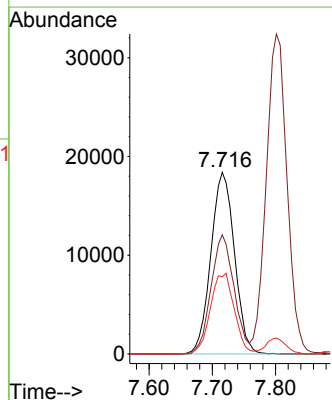
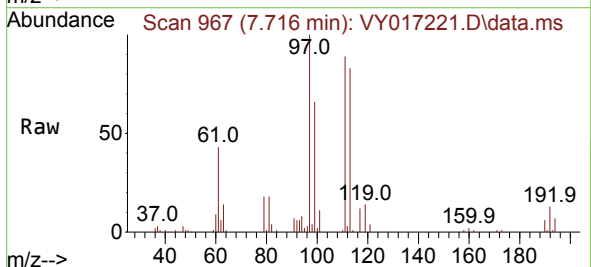
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

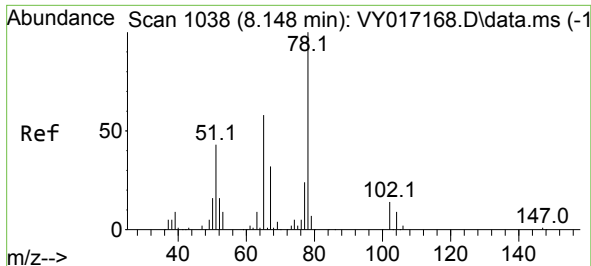
Tgt Ion: 56 Resp: 49480
Ion Ratio Lower Upper
56 100
69 36.5 27.0 40.6
84 92.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.502 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 97 Resp: 47664
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 44.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.957 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

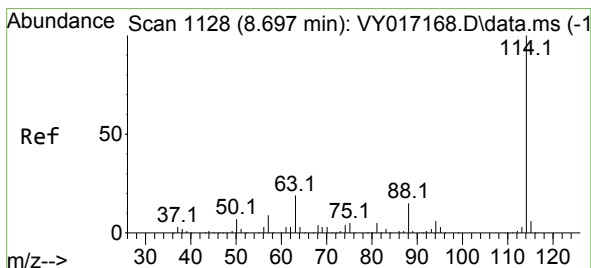
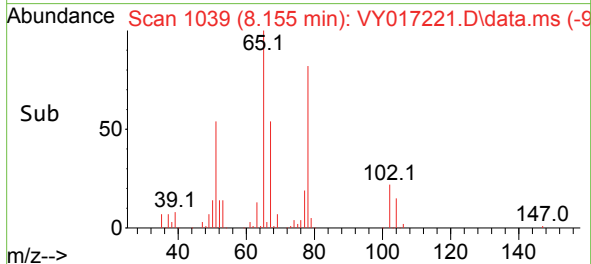
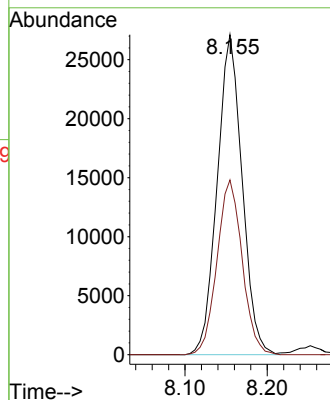
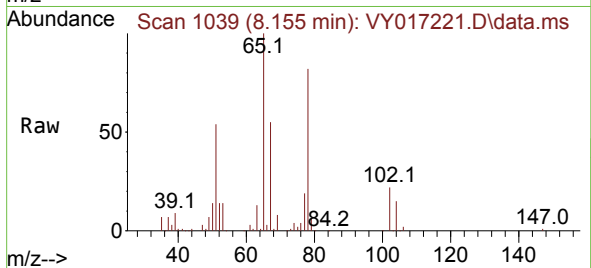
VY0205SBS01

Tgt Ion: 65 Resp: 57171

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

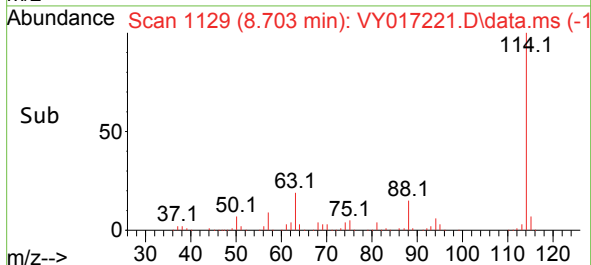
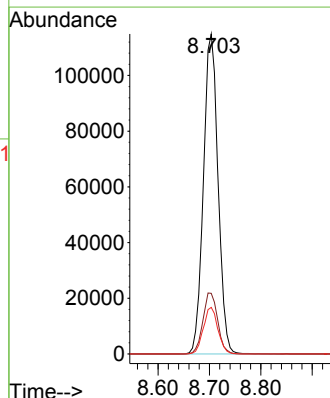
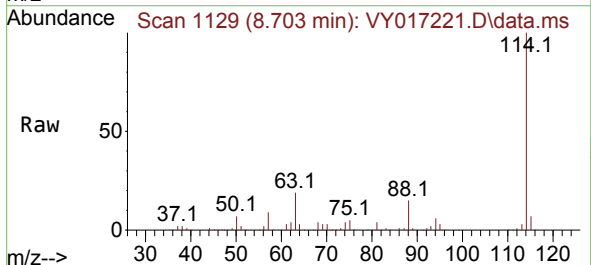
Tgt Ion:114 Resp: 226439

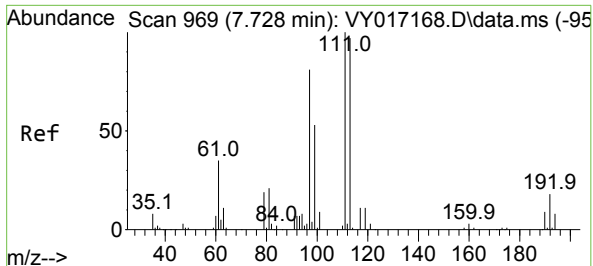
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.5 0.0 29.0

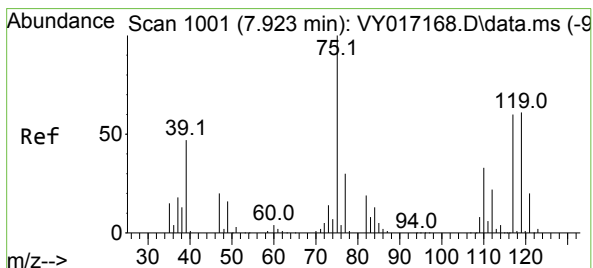
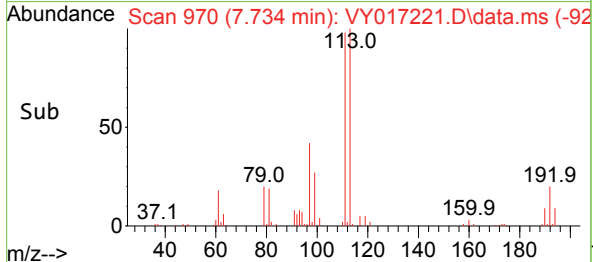
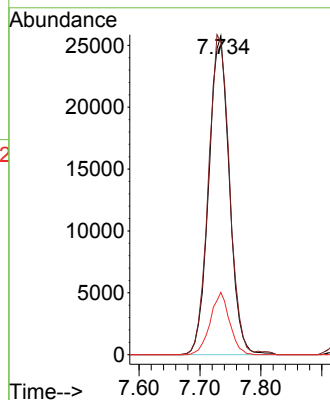
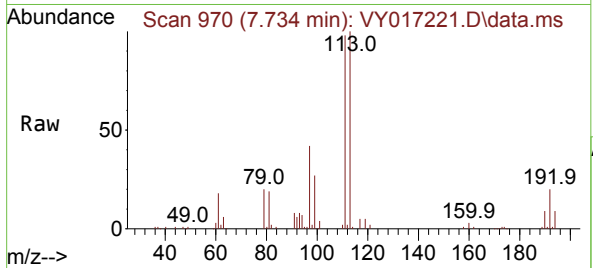




#35
Dibromofluoromethane
Concen: 49.458 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

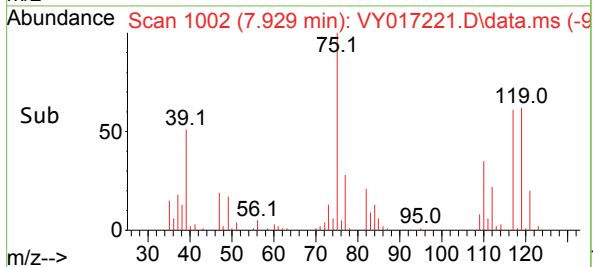
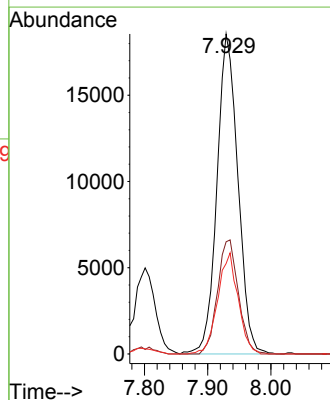
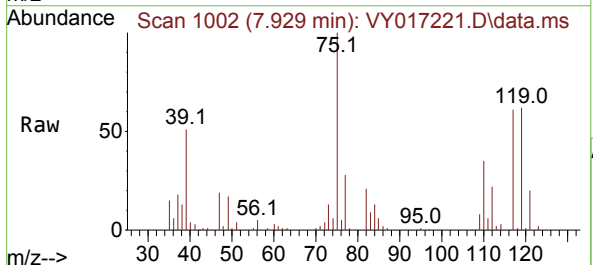
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

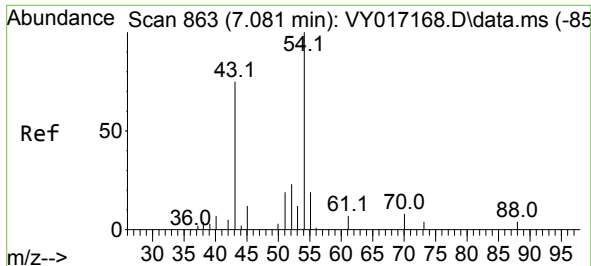
Tgt Ion:113 Resp: 60469
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.200 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 75 Resp: 42600
Ion Ratio Lower Upper
75 100
110 35.4 17.4 52.3
77 30.8 24.7 37.1

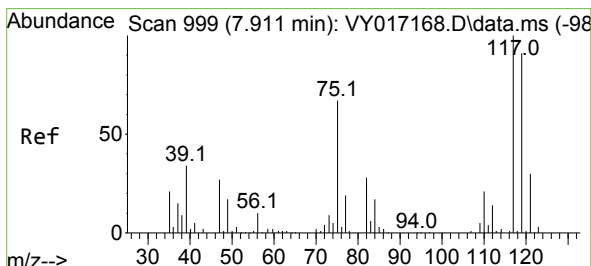
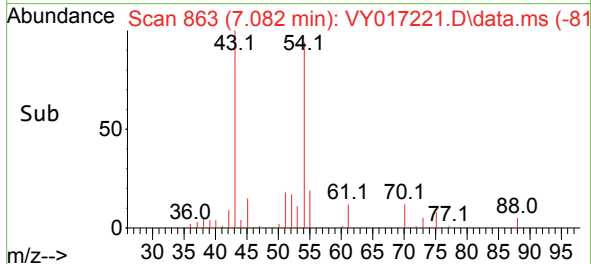
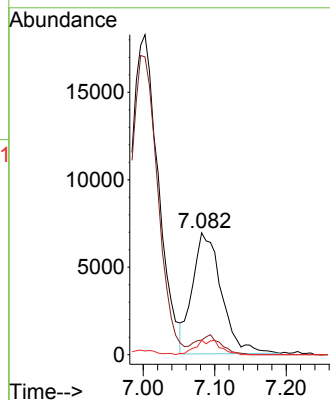
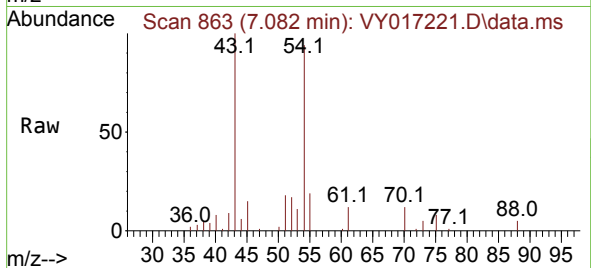




#37
Ethyl Acetate
Concen: 19.932 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

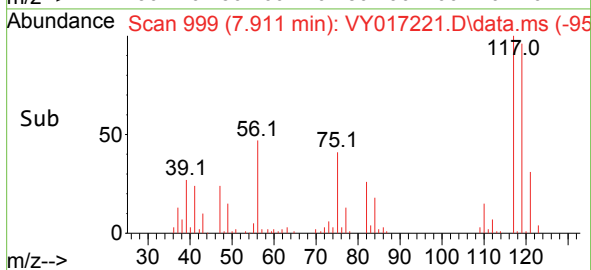
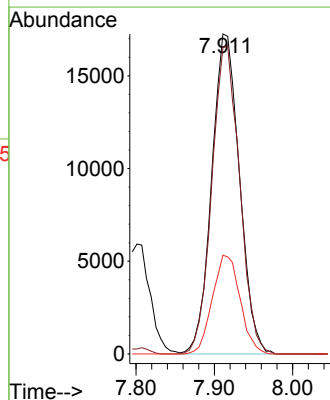
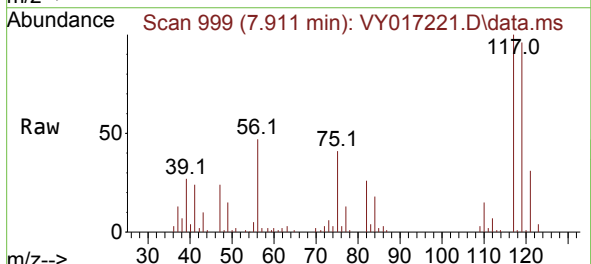
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

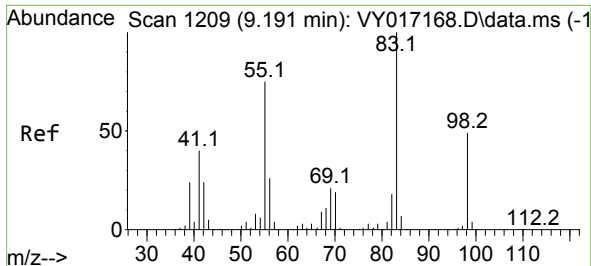
Tgt Ion: 43 Resp: 19496
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 10.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 21.067 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 117 Resp: 42539
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0
121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 20.199 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBSD01

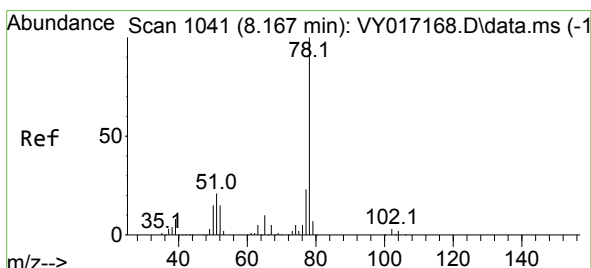
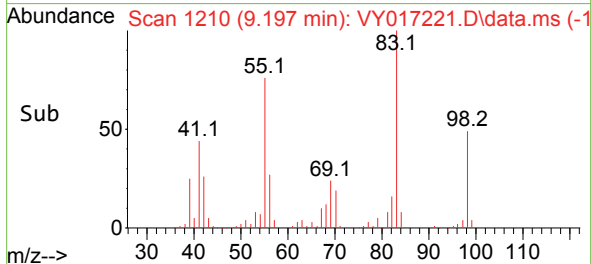
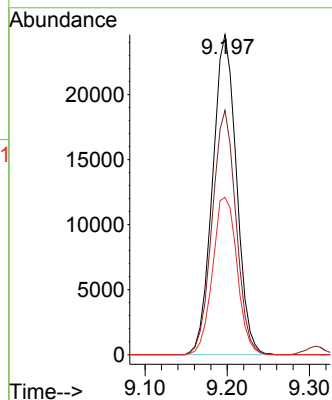
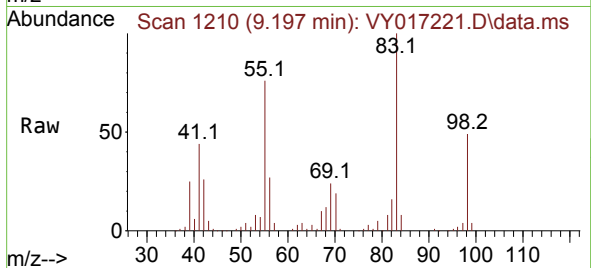
Tgt Ion: 83 Resp: 49766

Ion Ratio Lower Upper

83 100

55 76.4 59.7 89.5

98 49.2 38.0 57.0



#40

Benzene

Concen: 20.676 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017221.D

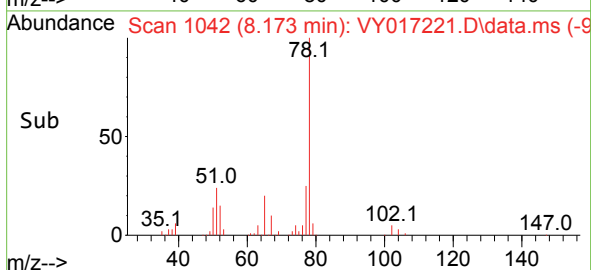
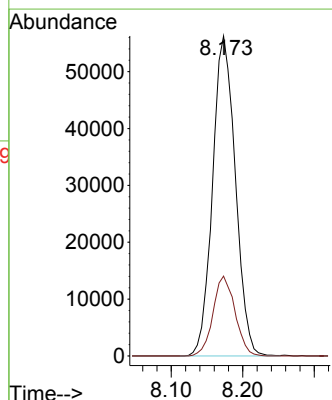
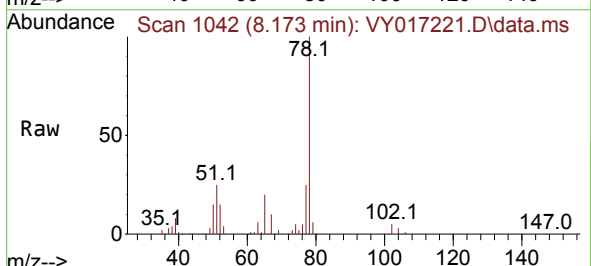
Acq: 05 Feb 2024 11:38

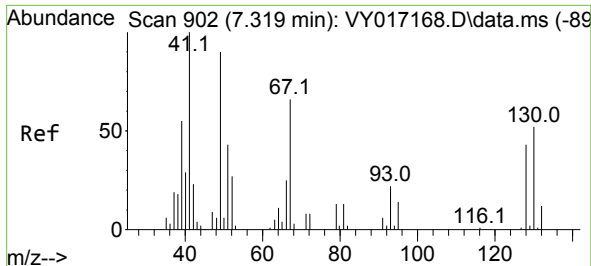
Tgt Ion: 78 Resp: 124523

Ion Ratio Lower Upper

78 100

77 25.0 18.8 28.2



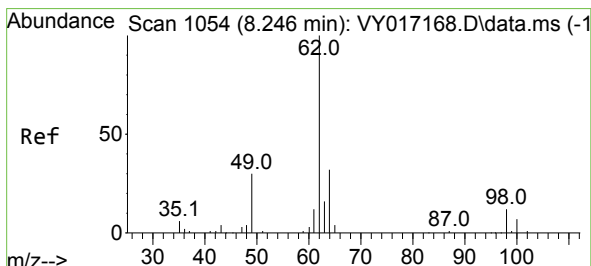
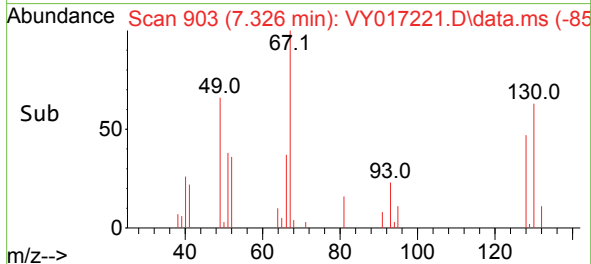
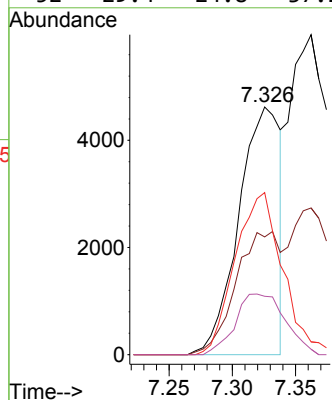
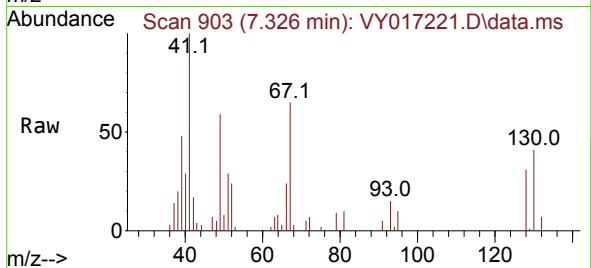


#41
Methacrylonitrile
Concen: 22.818 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

Tgt Ion: 41 Resp: 10575

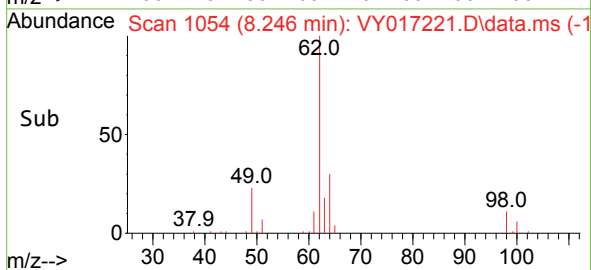
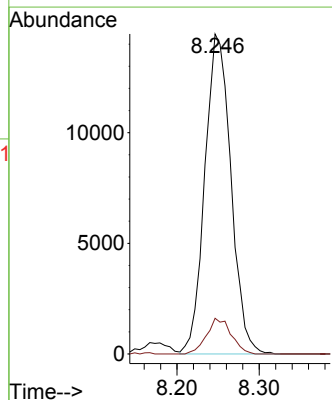
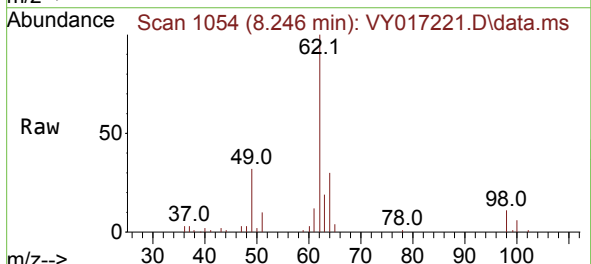
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.9	62.9
67	74.9	59.8	89.6
52	29.4	24.8	37.2

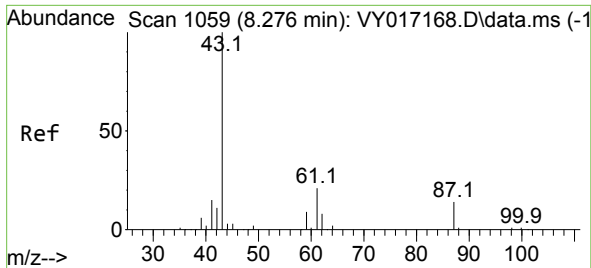


#42
1,2-Dichloroethane
Concen: 20.004 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 62 Resp: 31898

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2

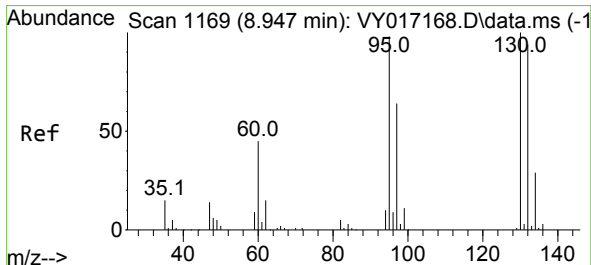
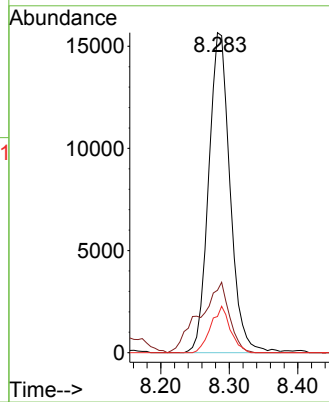
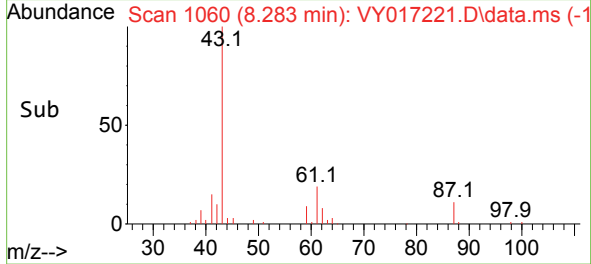
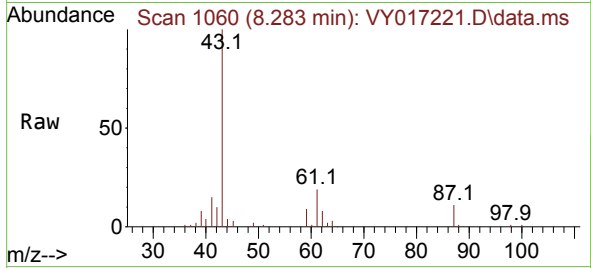




#43
Isopropyl Acetate
Concen: 19.619 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

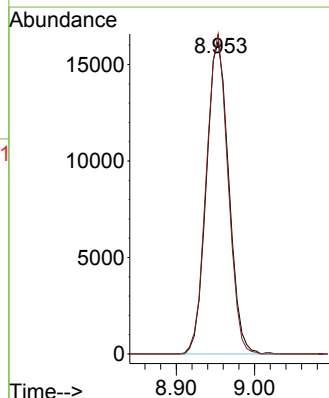
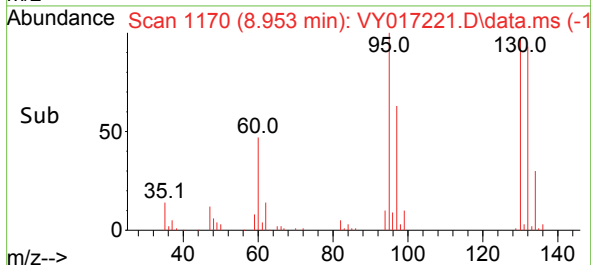
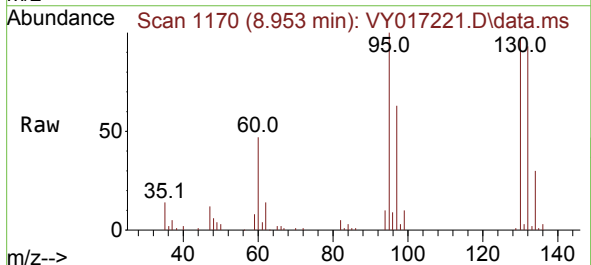
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

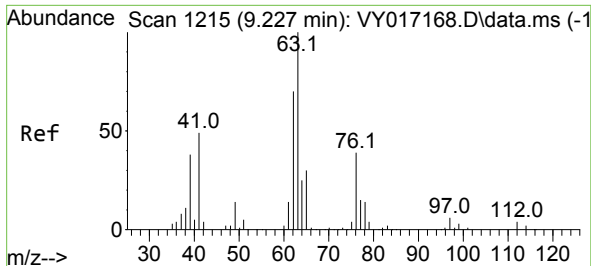
Tgt Ion: 43 Resp: 33971
Ion Ratio Lower Upper
43 100
61 30.4 24.8 37.2
87 13.2 10.7 16.1



#44
Trichloroethene
Concen: 21.013 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 130 Resp: 32124
Ion Ratio Lower Upper
130 100
95 102.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.472 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

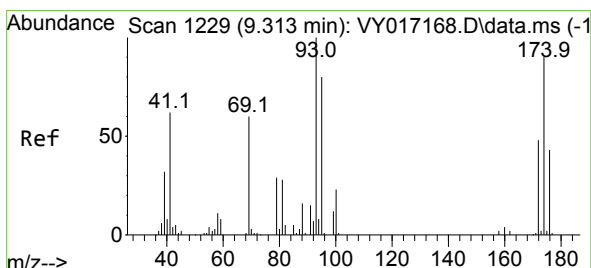
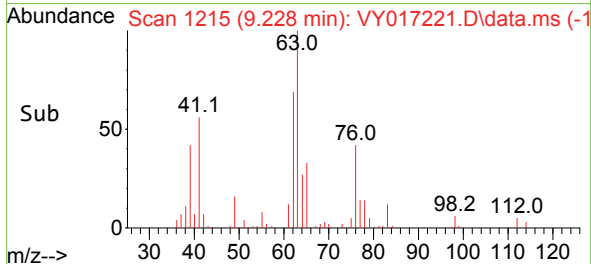
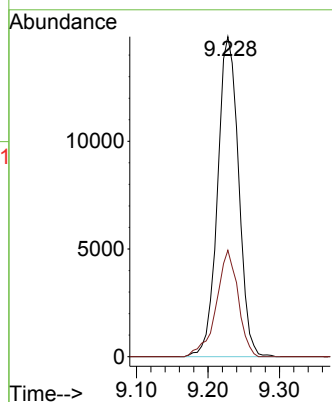
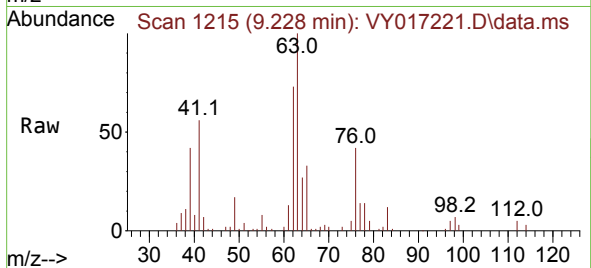
VY0205SBS01

Tgt Ion: 63 Resp: 30285

Ion Ratio Lower Upper

63 100

65 33.3 24.6 36.8



#46

Dibromomethane

Concen: 20.704 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

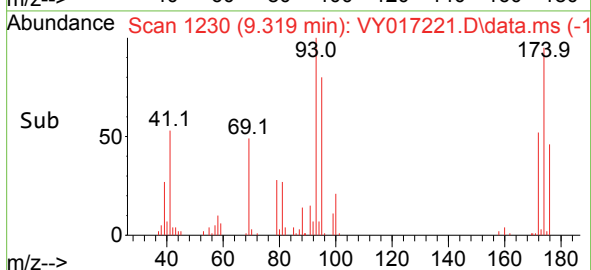
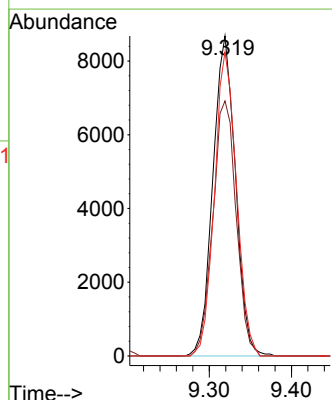
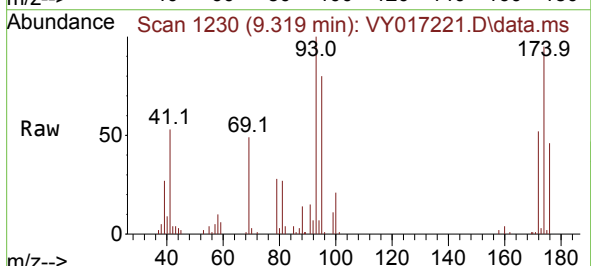
Tgt Ion: 93 Resp: 16544

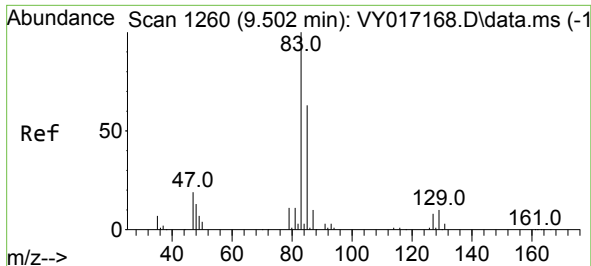
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 92.6 73.8 110.6

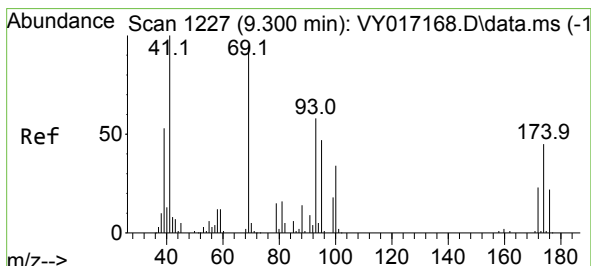
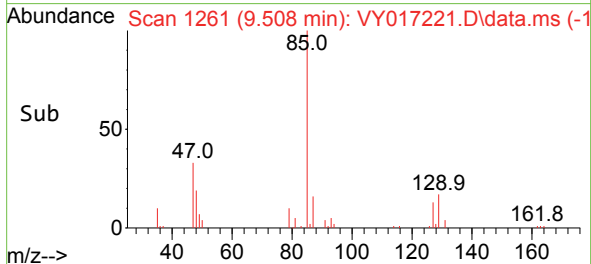
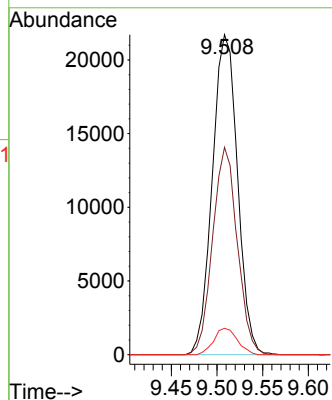
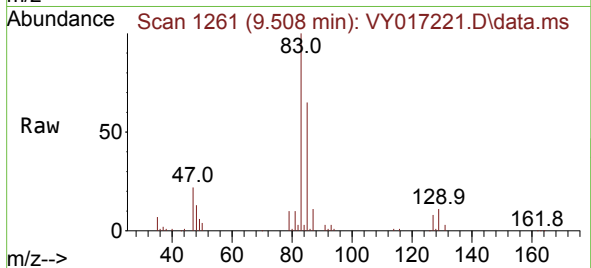




#47
Bromodichloromethane
Concen: 20.818 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

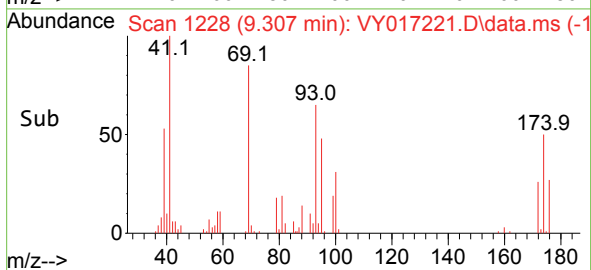
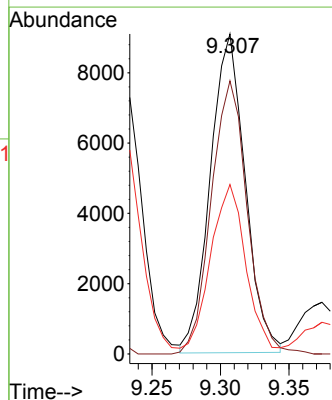
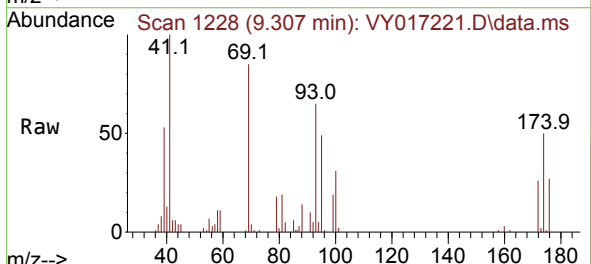
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

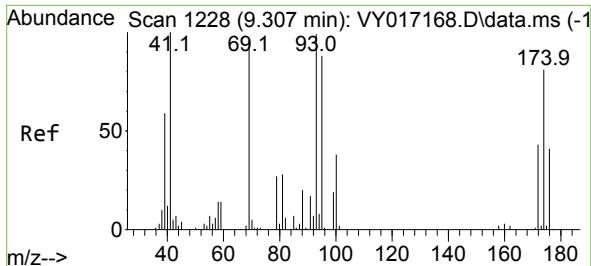
Tgt Ion: 83 Resp: 41633
Ion Ratio Lower Upper
83 100
85 64.8 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 19.759 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 41 Resp: 16048
Ion Ratio Lower Upper
41 100
69 88.5 72.1 108.1
39 50.9 42.8 64.2





#49

1,4-Dioxane

Concen: 393.441 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

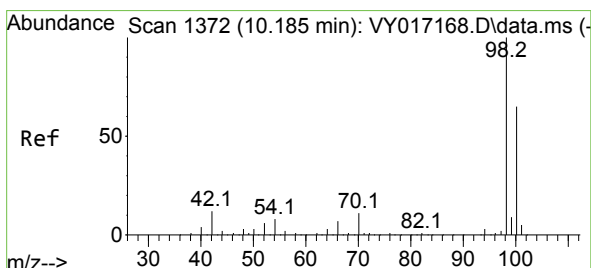
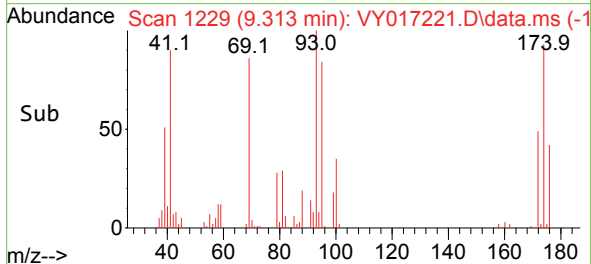
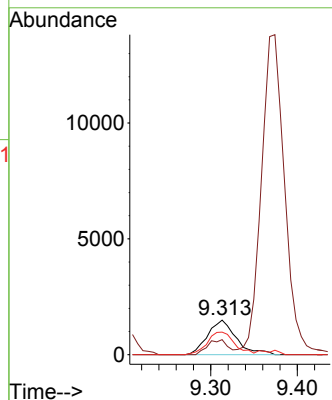
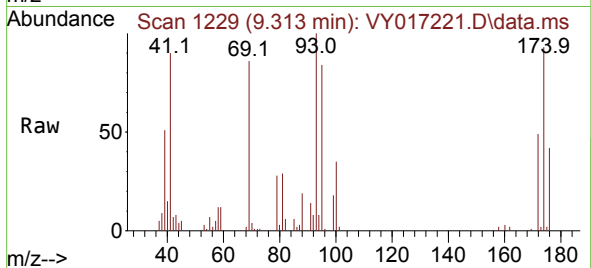
Tgt Ion: 88 Resp: 3422

Ion Ratio Lower Upper

88 100

43 30.4 28.2 42.4

58 62.2 52.2 78.2



#50

Toluene-d8

Concen: 50.903 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017221.D

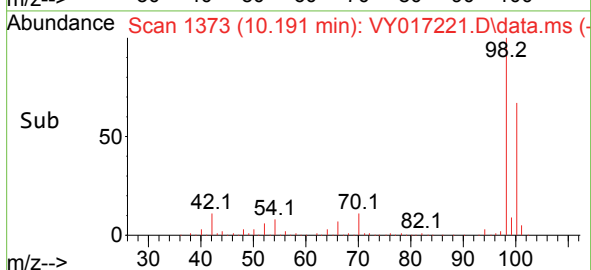
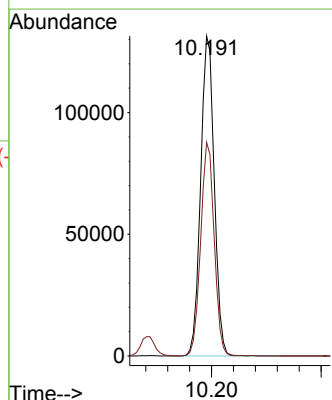
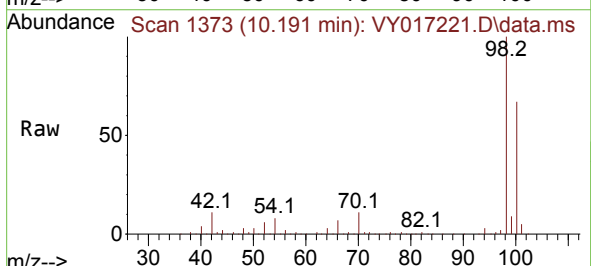
Acq: 05 Feb 2024 11:38

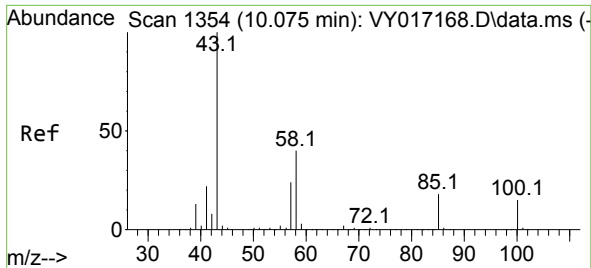
Tgt Ion: 98 Resp: 226594

Ion Ratio Lower Upper

98 100

100 66.3 52.3 78.5

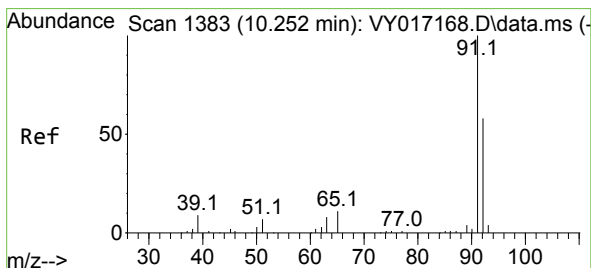
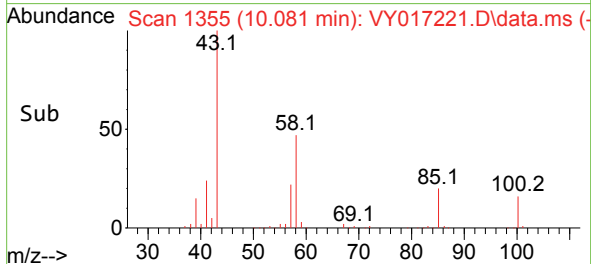
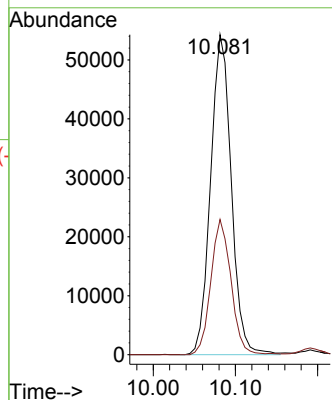
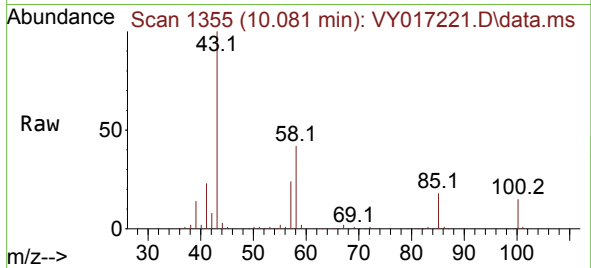




#51
4-Methyl-2-Pentanone
Concen: 102.300 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

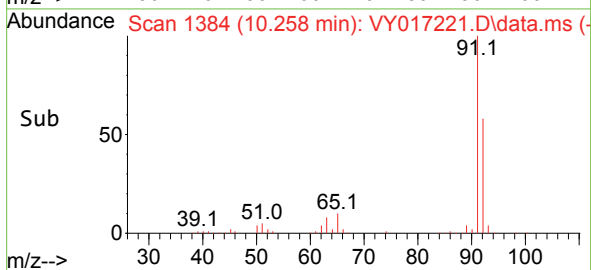
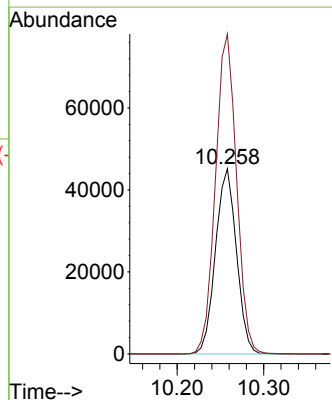
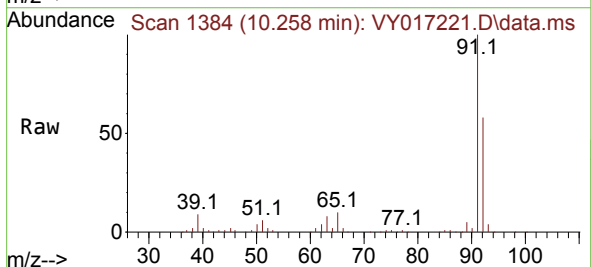
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

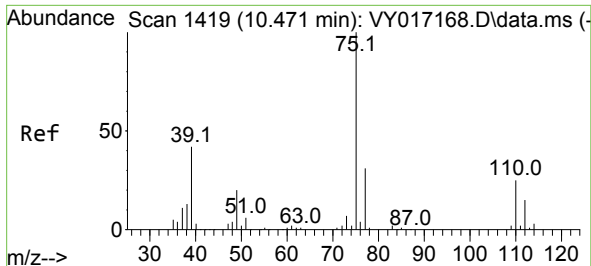
Tgt Ion: 43 Resp: 94953
Ion Ratio Lower Upper
43 100
58 41.1 32.2 48.2



#52
Toluene
Concen: 20.912 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 92 Resp: 76022
Ion Ratio Lower Upper
92 100
91 173.4 137.6 206.4

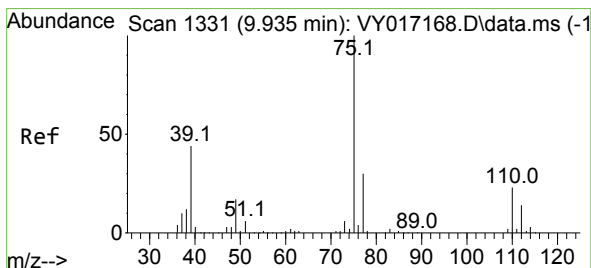
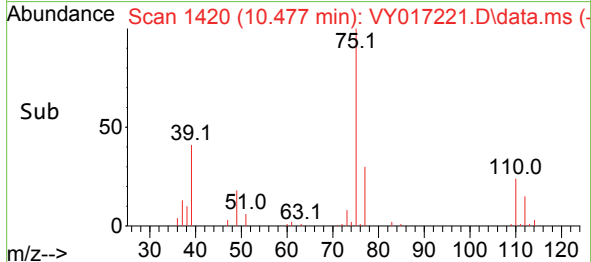
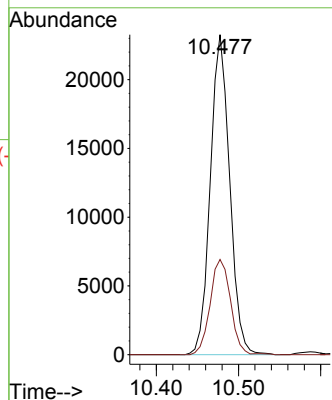
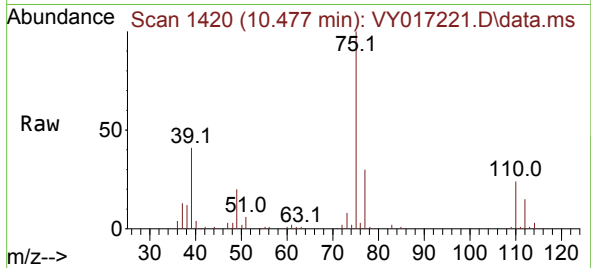




#53
 t-1,3-Dichloropropene
 Concen: 20.232 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017221.D
 Acq: 05 Feb 2024 11:38

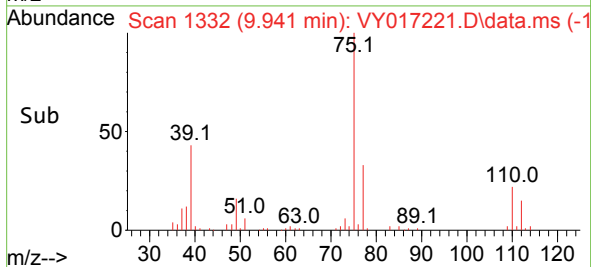
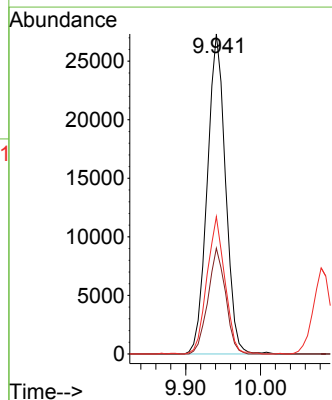
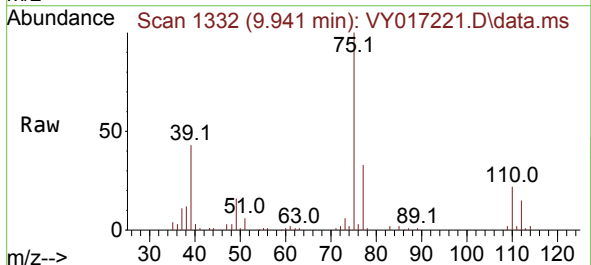
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

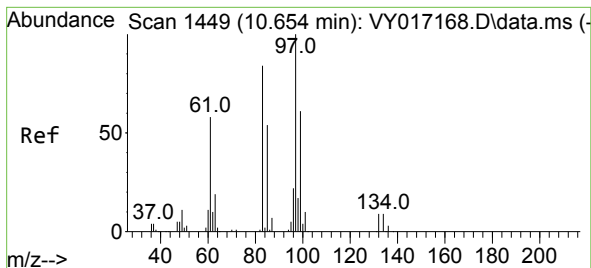
Tgt Ion: 75 Resp: 38005
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.605 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017221.D
 Acq: 05 Feb 2024 11:38

Tgt Ion: 75 Resp: 46361
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.6 36.8
 39 42.9 33.6 50.4

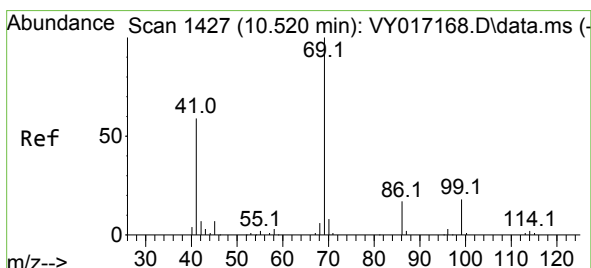
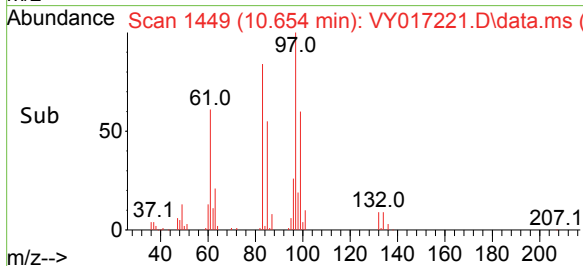
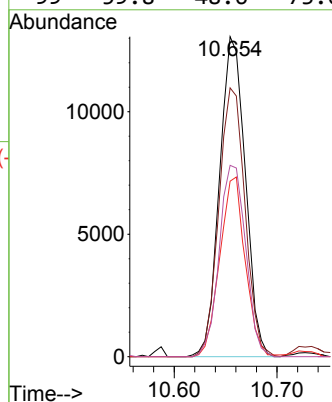
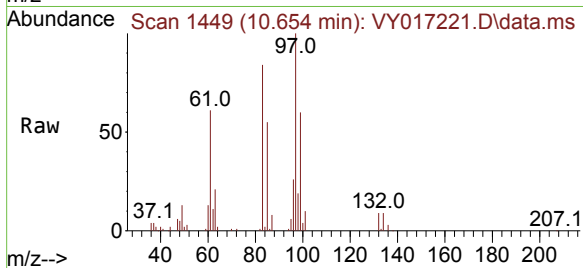




#55
1,1,2-Trichloroethane
Concen: 20.895 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

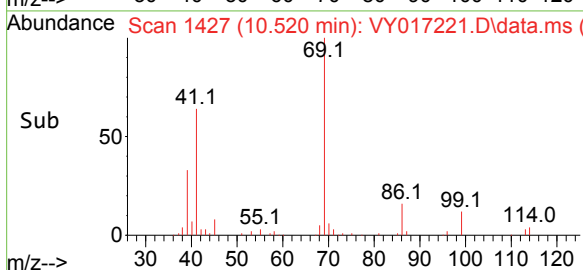
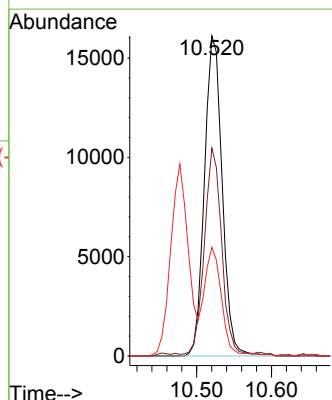
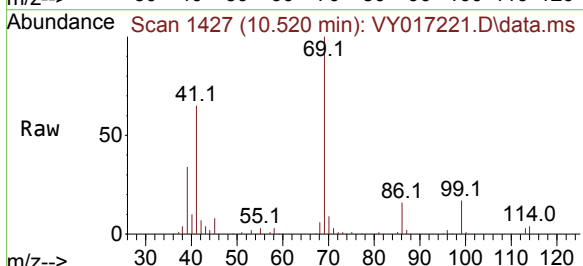
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

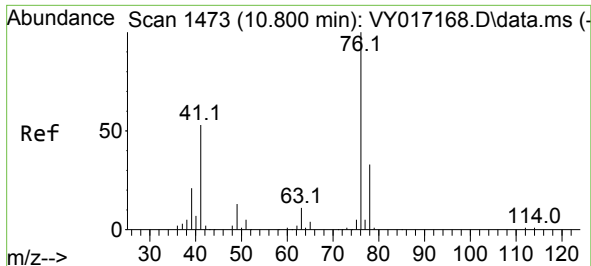
Tgt Ion: 97	Resp: 22717
Ion Ratio	Lower Upper
97 100	
83 84.0	69.4 104.2
85 54.9	43.9 65.9
99 59.8	48.6 73.0



#56
Ethyl methacrylate
Concen: 20.129 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 69	Resp: 26651
Ion Ratio	Lower Upper
69 100	
41 61.9	49.2 73.8
39 32.7	26.8 40.2

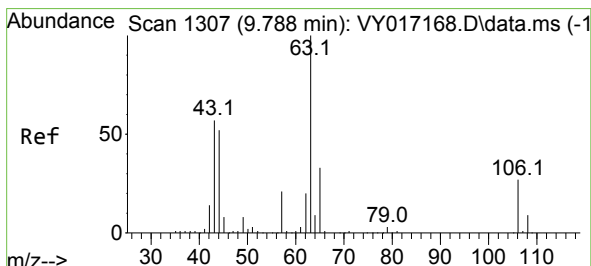
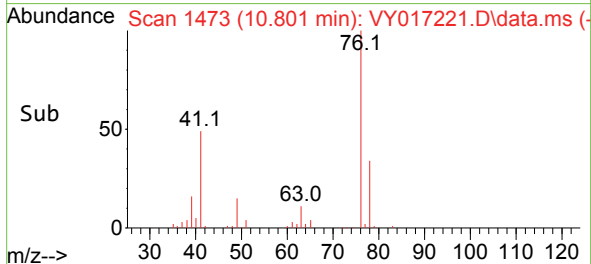
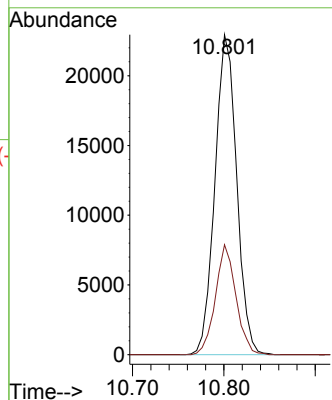
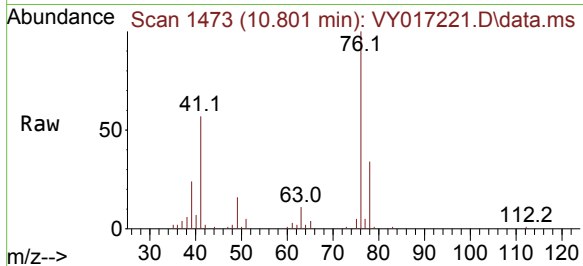




#57
1,3-Dichloropropane
Concen: 20.276 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

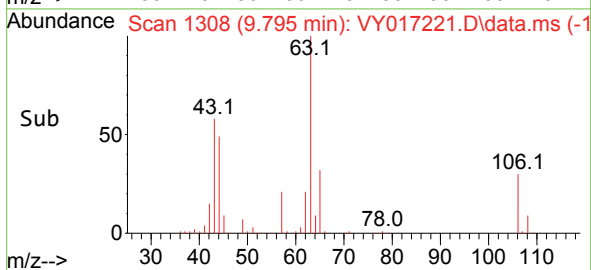
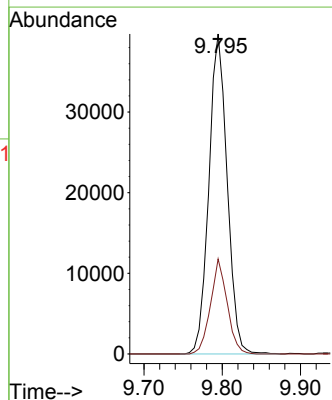
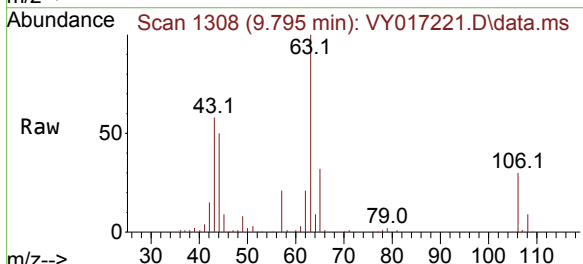
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

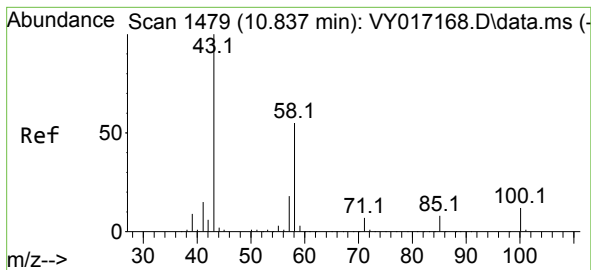
Tgt Ion: 76 Resp: 37915
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 95.024 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 63 Resp: 64361
Ion Ratio Lower Upper
63 100
106 27.0 22.4 33.6





#59

2-Hexanone

Concen: 108.584 ug/l

RT: 10.843 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

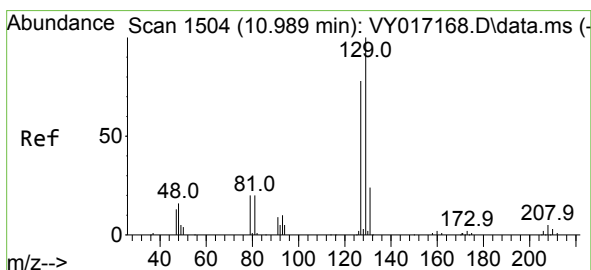
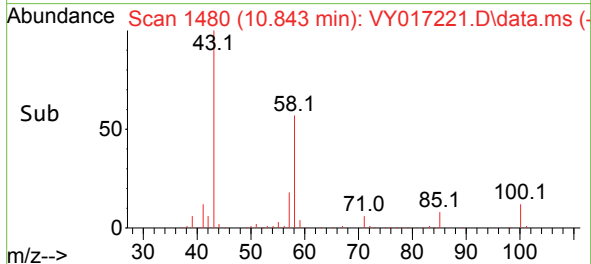
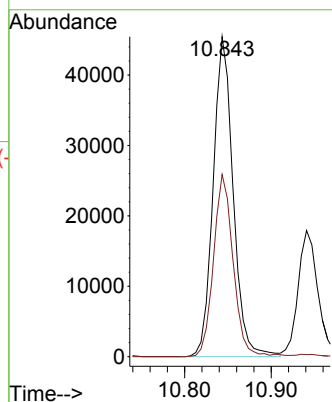
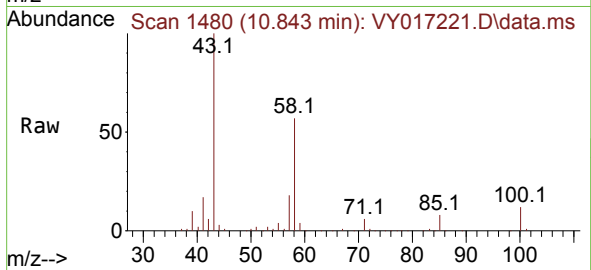
VY0205SBS01

Tgt Ion: 43 Resp: 72879

Ion Ratio Lower Upper

43 100

58 56.0 28.1 84.3



#60

Dibromochloromethane

Concen: 20.565 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY017221.D

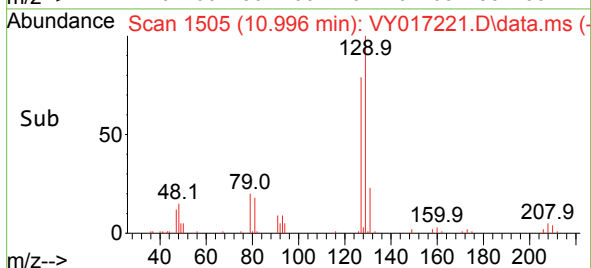
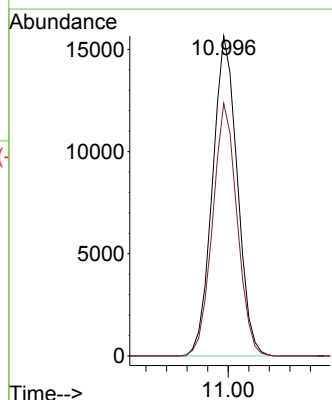
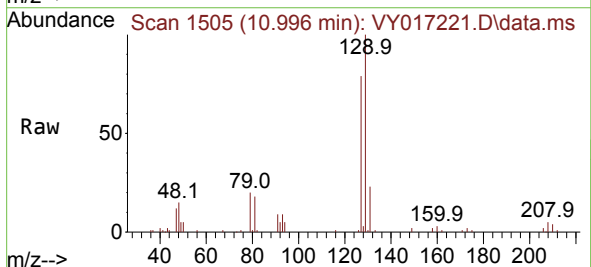
Acq: 05 Feb 2024 11:38

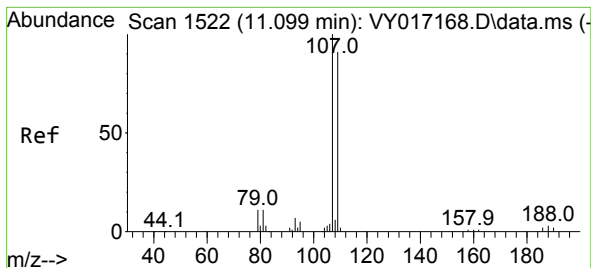
Tgt Ion:129 Resp: 26230

Ion Ratio Lower Upper

129 100

127 78.0 39.2 117.6

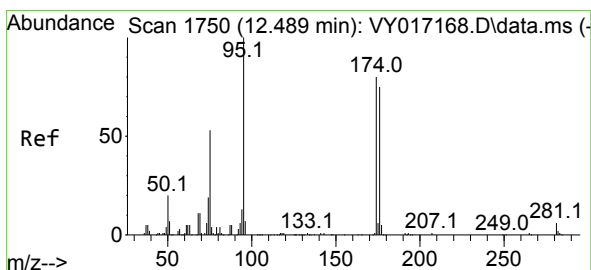
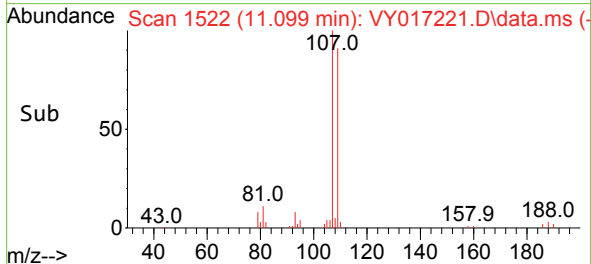
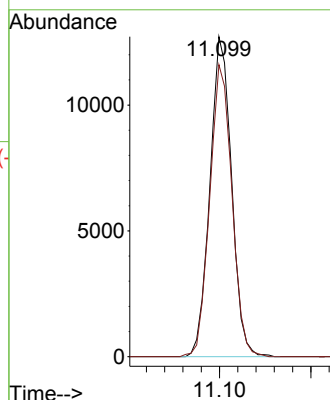
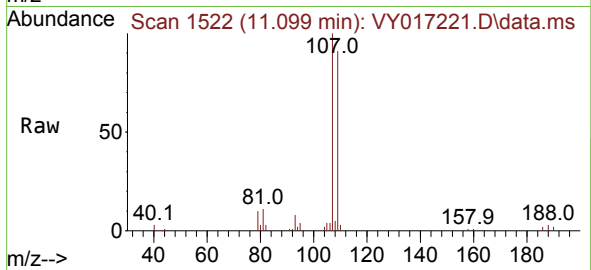




#61
1,2-Dibromoethane
Concen: 20.637 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

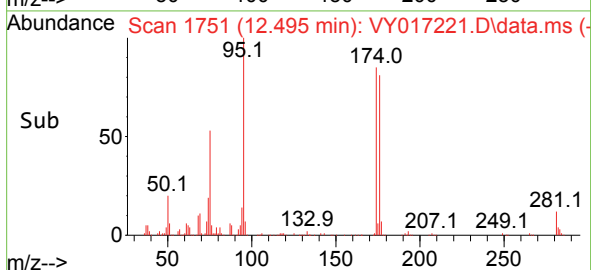
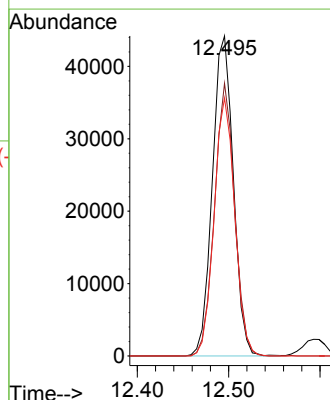
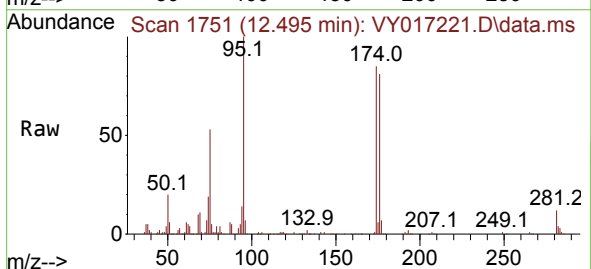
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

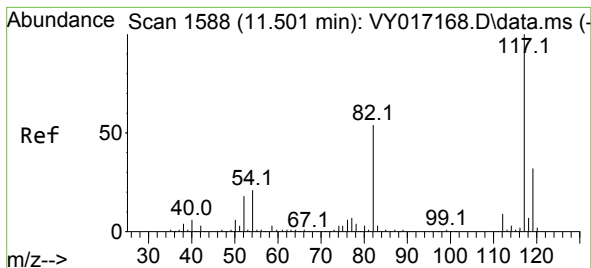
Tgt Ion:107 Resp: 20867
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.232 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 95 Resp: 70333
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.0
176 79.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

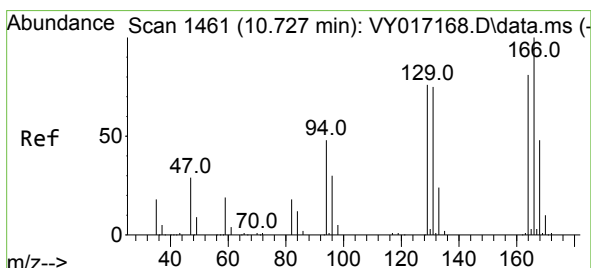
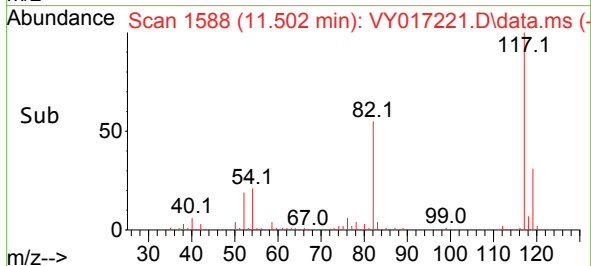
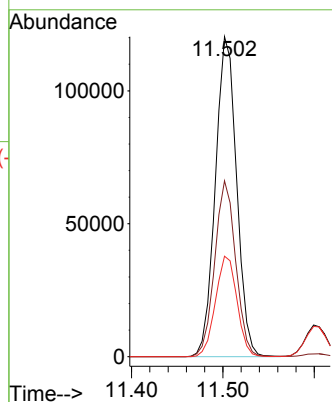
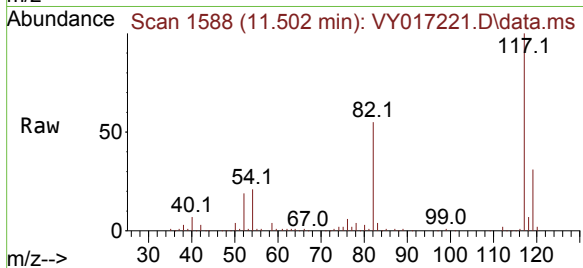
Tgt Ion:117 Resp: 194673

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 31.4 26.5 39.7



#64

Tetrachloroethene

Concen: 21.313 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Tgt Ion:164 Resp: 26946

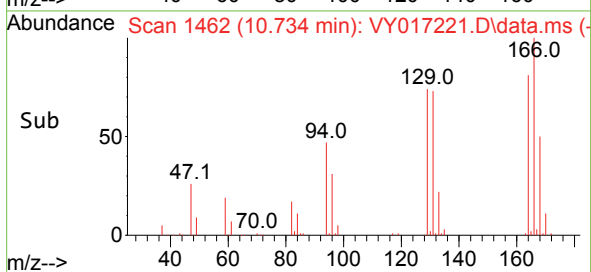
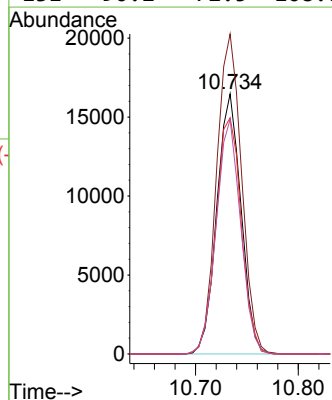
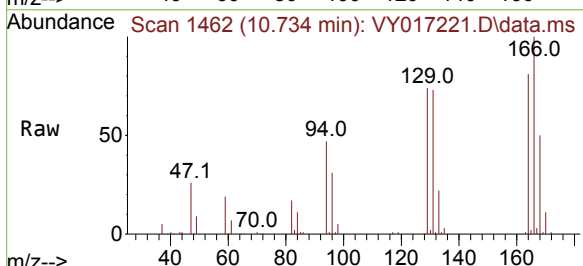
Ion Ratio Lower Upper

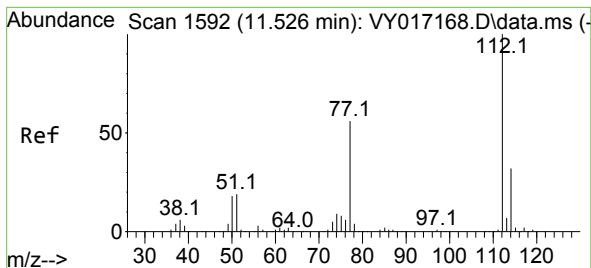
164 100

166 123.0 98.8 148.2

129 90.8 78.9 118.3

131 90.2 72.5 108.7





#65

Chlorobenzene

Concen: 20.762 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

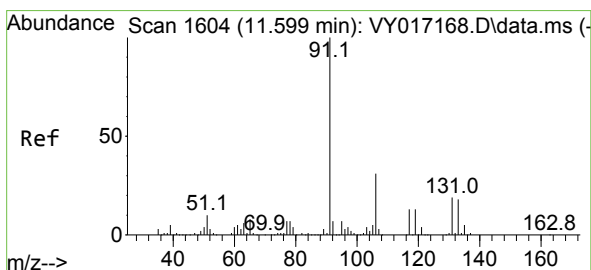
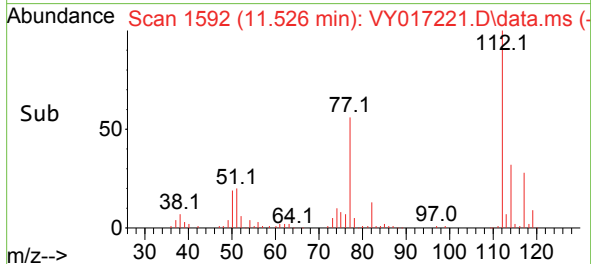
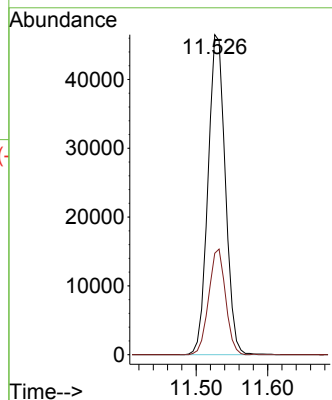
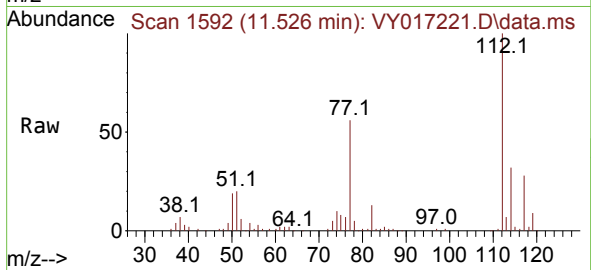
VY0205SBSD01

Tgt Ion:112 Resp: 77971

Ion Ratio Lower Upper

112 100

114 31.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.563 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

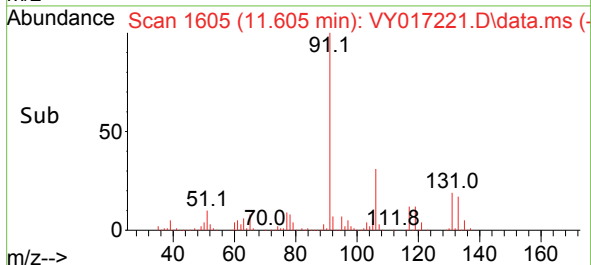
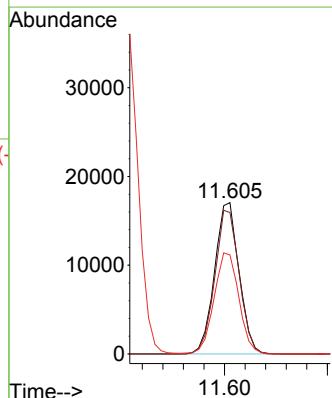
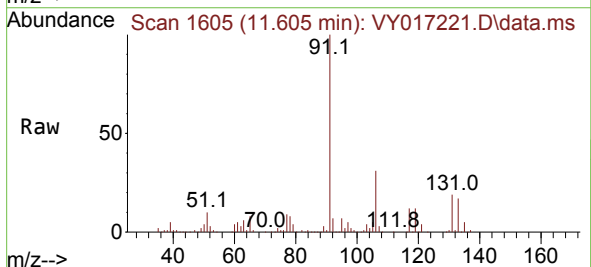
Tgt Ion:131 Resp: 28064

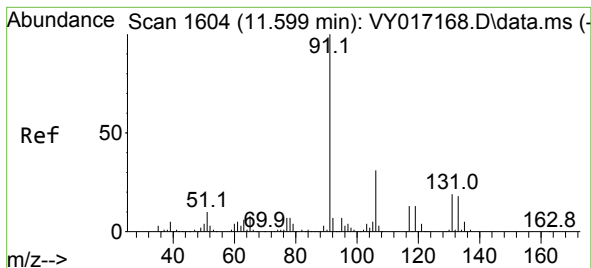
Ion Ratio Lower Upper

131 100

133 94.9 47.0 141.0

119 67.9 33.3 99.9





#67

Ethyl Benzene

Concen: 20.850 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

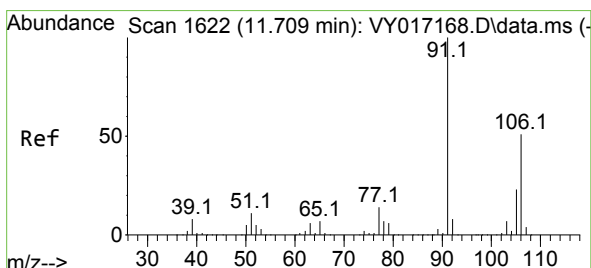
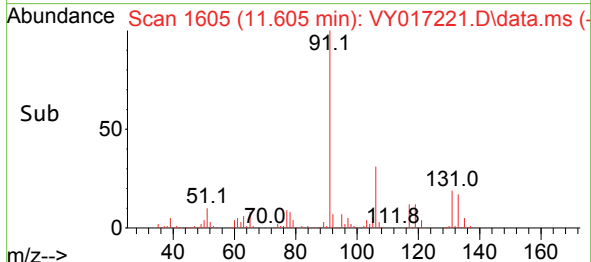
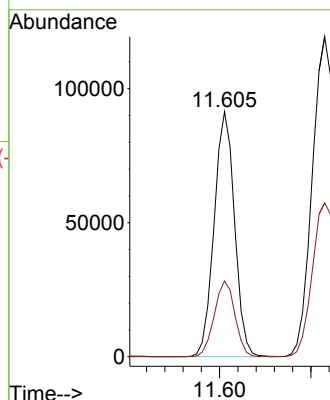
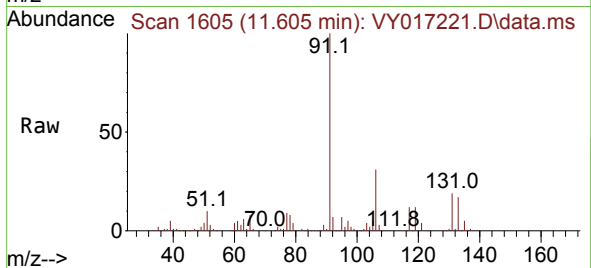
VY0205SBSD01

Tgt Ion: 91 Resp: 141514

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 41.408 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017221.D

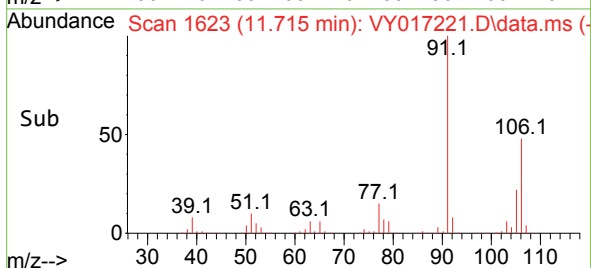
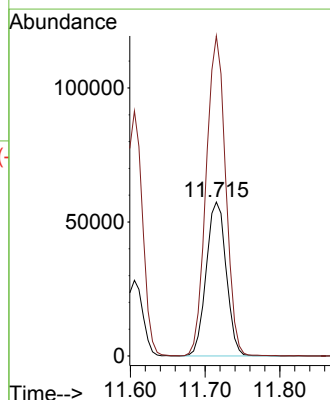
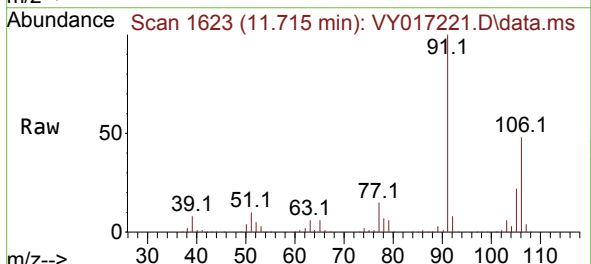
Acq: 05 Feb 2024 11:38

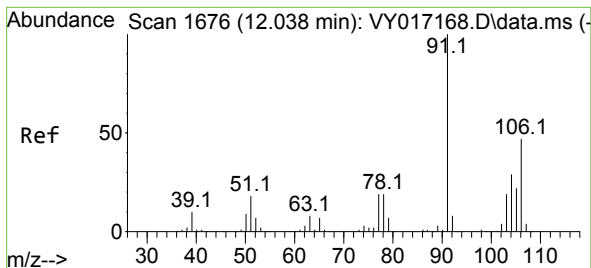
Tgt Ion:106 Resp: 106654

Ion Ratio Lower Upper

106 100

91 202.3 160.7 241.1





#69

o-Xylene

Concen: 20.774 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

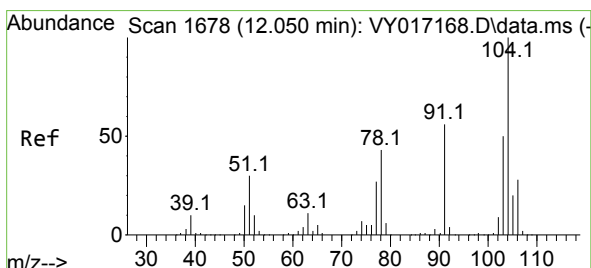
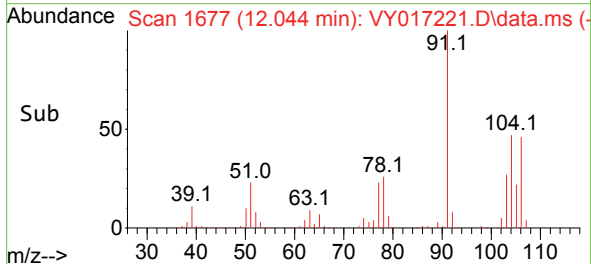
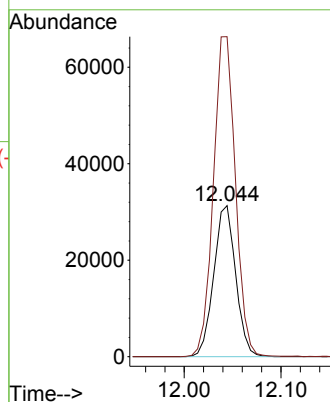
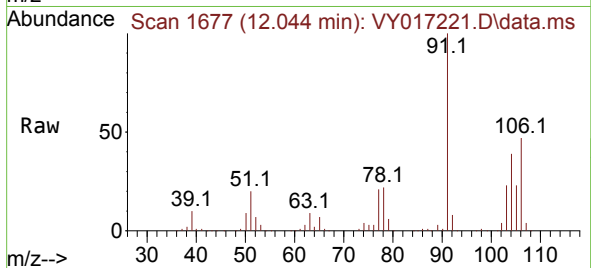
VY0205SBSD01

Tgt Ion:106 Resp: 49275

Ion Ratio Lower Upper

106 100

91 213.4 106.5 319.5



#70

Styrene

Concen: 20.963 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

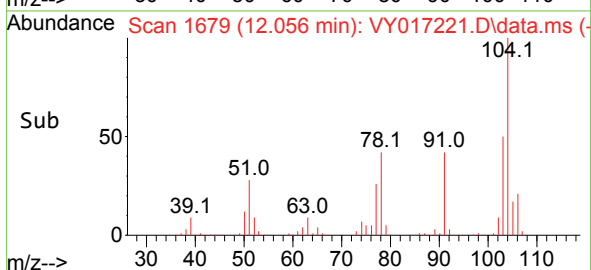
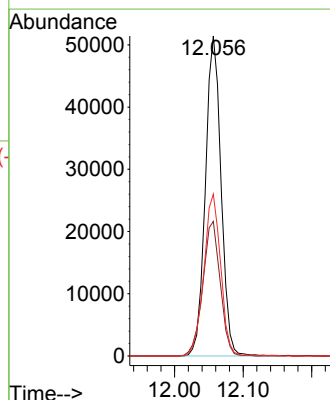
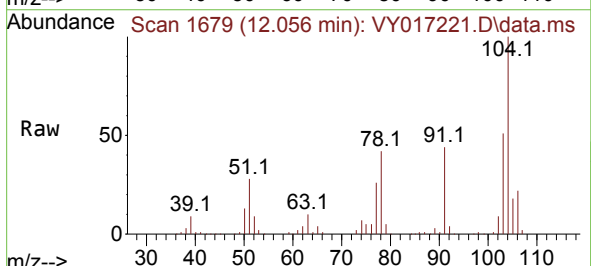
Tgt Ion:104 Resp: 81924

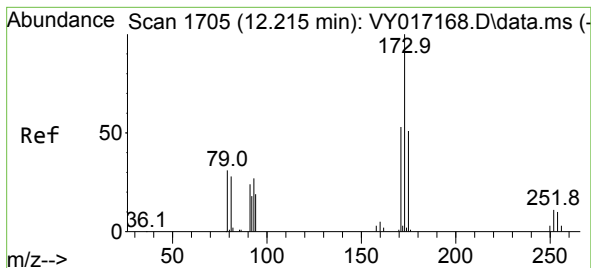
Ion Ratio Lower Upper

104 100

78 46.7 39.2 58.8

103 54.3 43.8 65.6





#71

Bromoform

Concen: 20.474 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBSD01

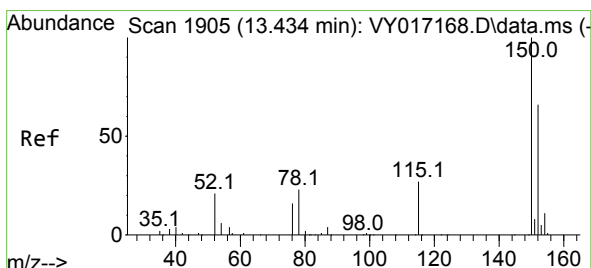
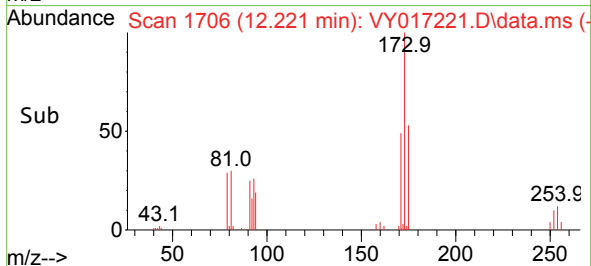
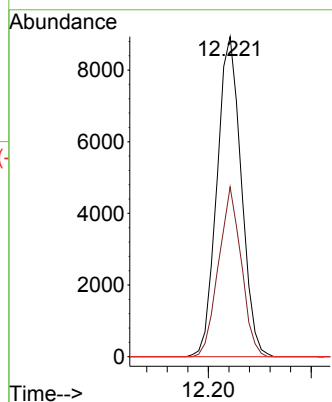
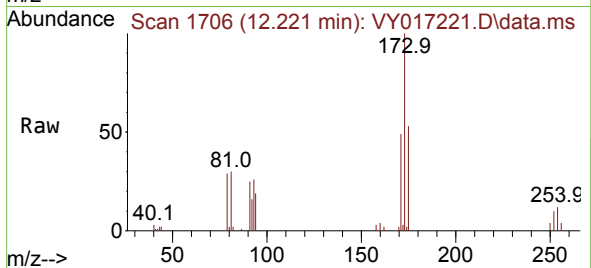
Tgt Ion:173 Resp: 14633

Ion Ratio Lower Upper

173 100

175 49.6 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: VY017221.D

Acq: 05 Feb 2024 11:38

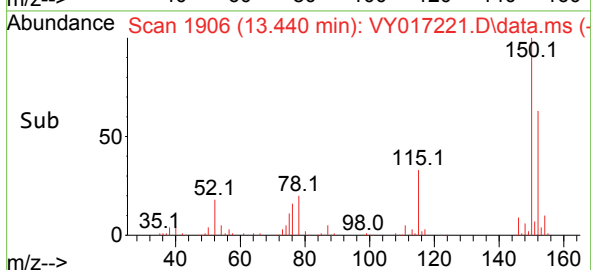
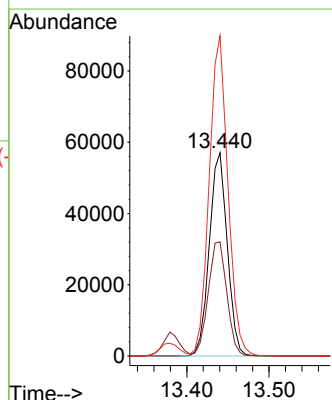
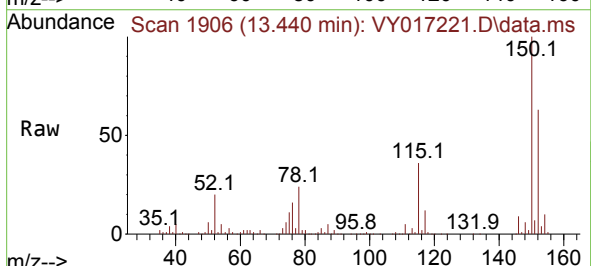
Tgt Ion:152 Resp: 86500

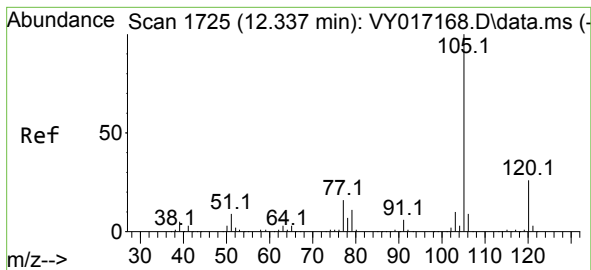
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 163.9 0.0 344.6





#73

Isopropylbenzene

Concen: 20.998 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

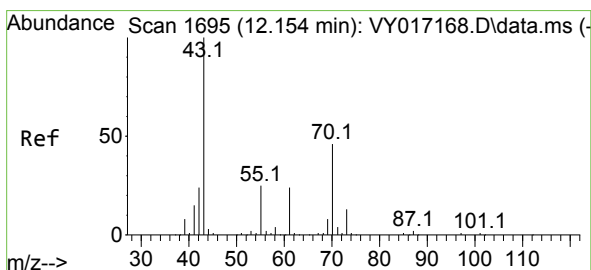
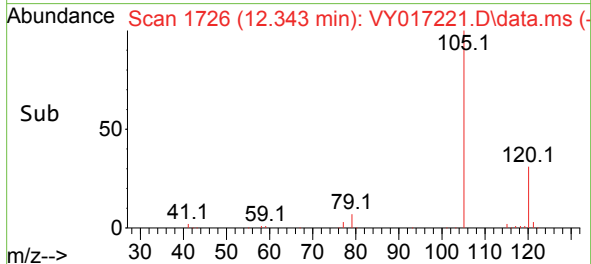
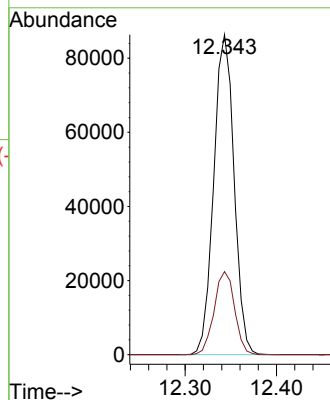
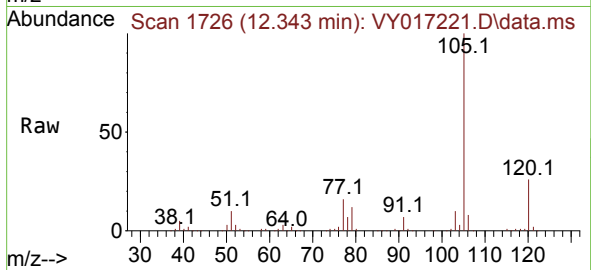
VY0205SBS01

Tgt Ion:105 Resp: 133435

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 19.541 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Tgt Ion: 43 Resp: 27901

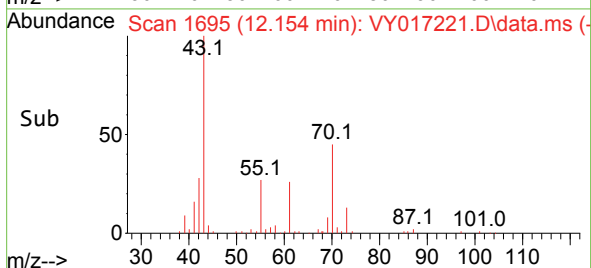
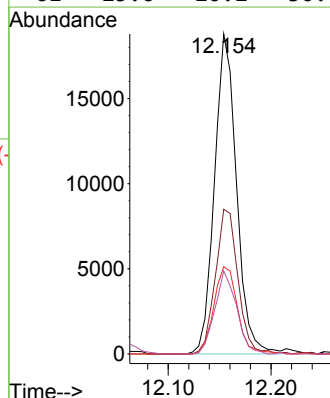
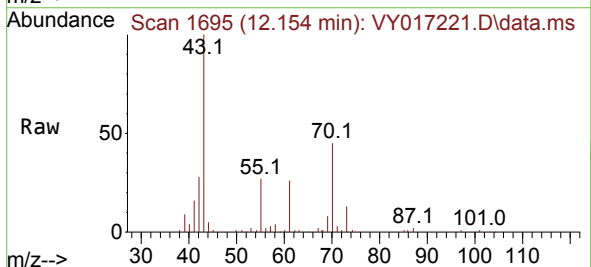
Ion Ratio Lower Upper

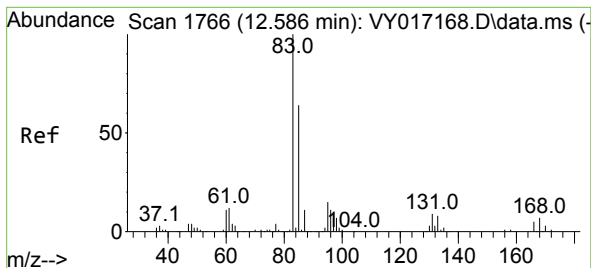
43 100

70 46.5 36.6 55.0

55 29.3 22.2 33.4

61 25.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.833 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBSD01

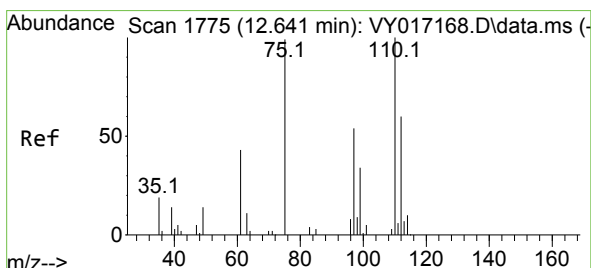
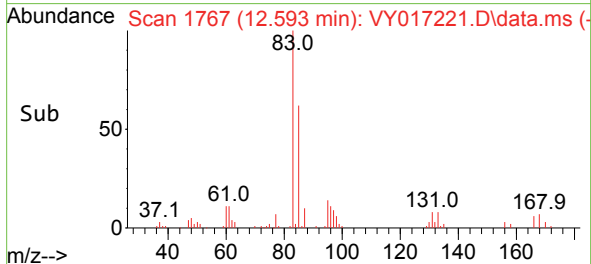
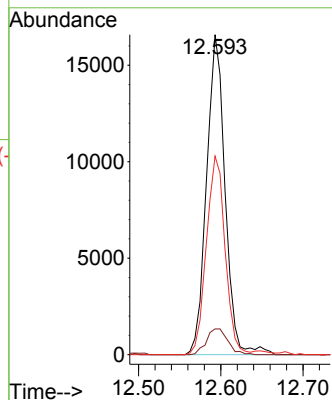
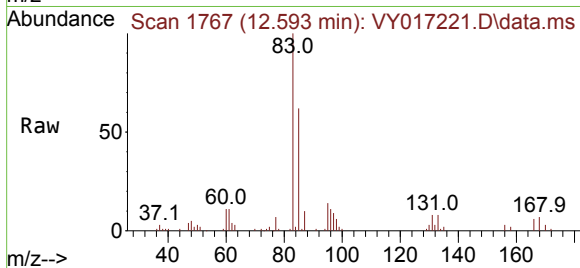
Tgt Ion: 83 Resp: 26038

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 62.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 38.306 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017221.D

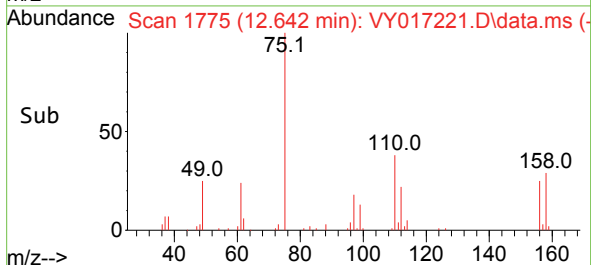
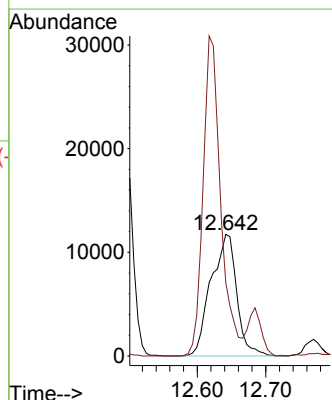
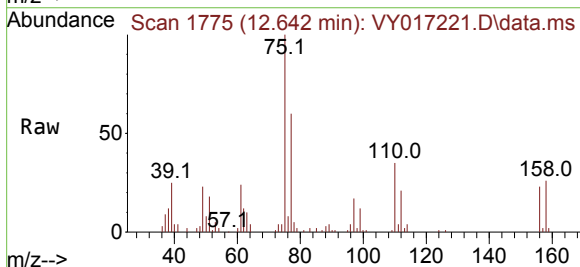
Acq: 05 Feb 2024 11:38

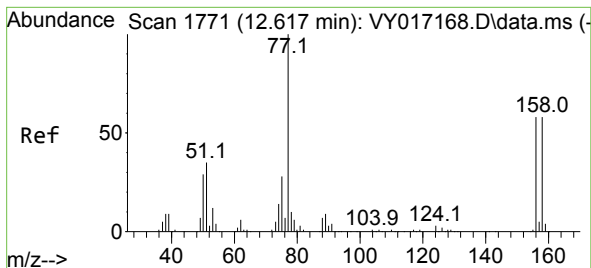
Tgt Ion: 75 Resp: 30583

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.437 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBSD01

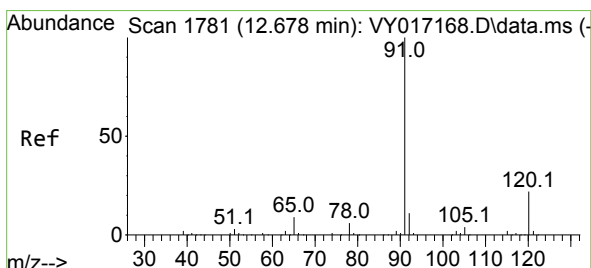
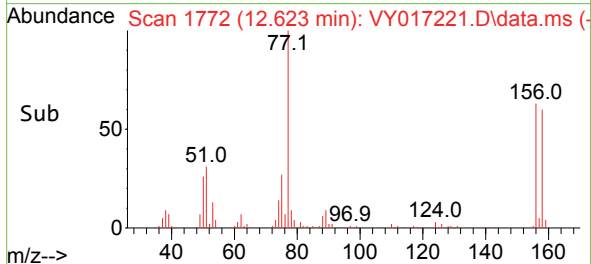
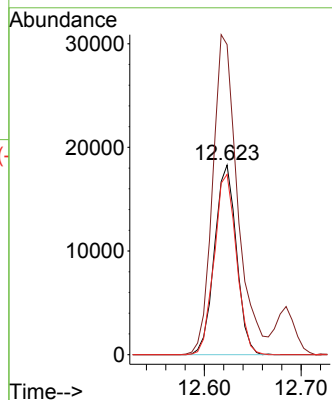
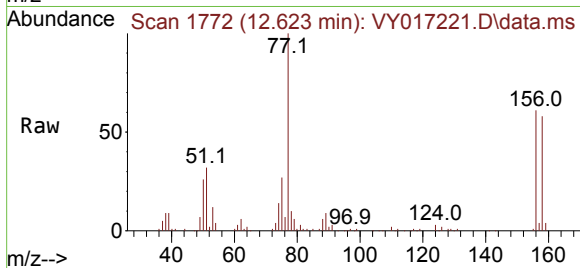
Tgt Ion:156 Resp: 28807

Ion Ratio Lower Upper

156 100

77 192.3 97.3 291.8

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 21.082 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017221.D

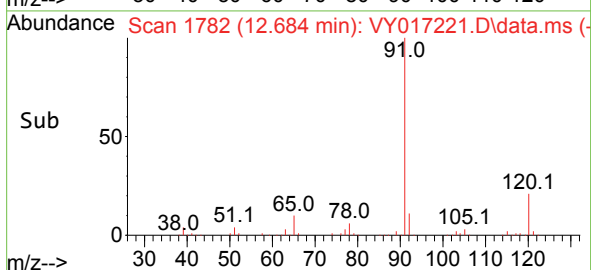
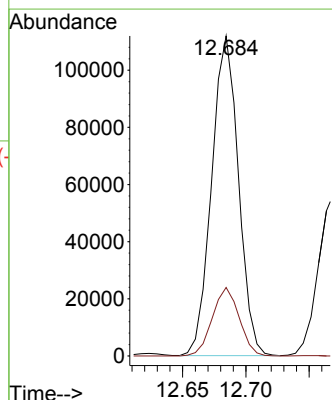
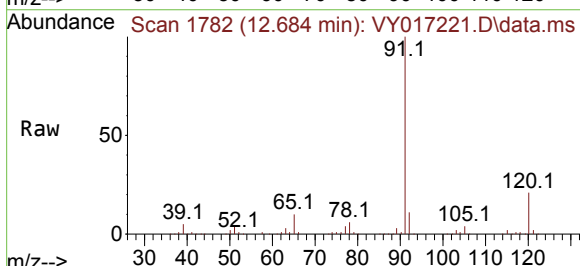
Acq: 05 Feb 2024 11:38

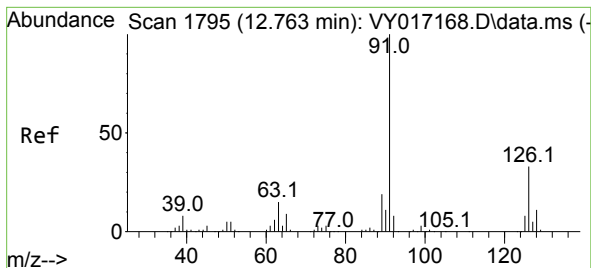
Tgt Ion: 91 Resp: 164535

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.733 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

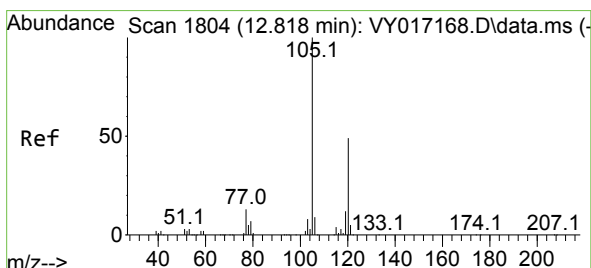
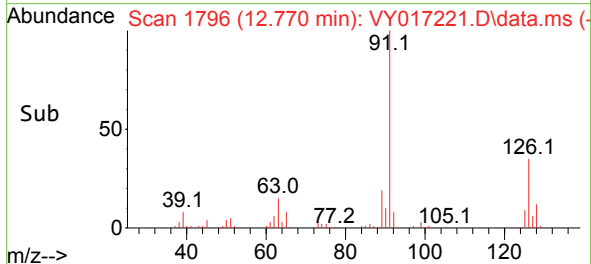
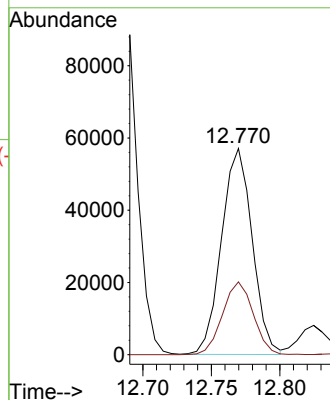
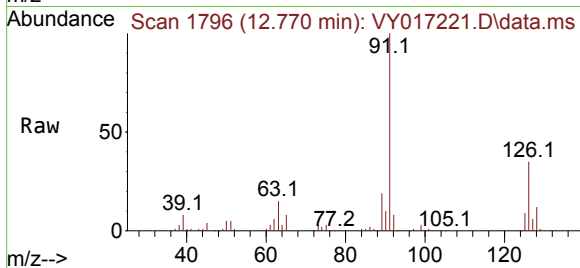
VY0205SBS01

Tgt Ion: 91 Resp: 88958

Ion Ratio Lower Upper

91 100

126 35.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.062 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017221.D

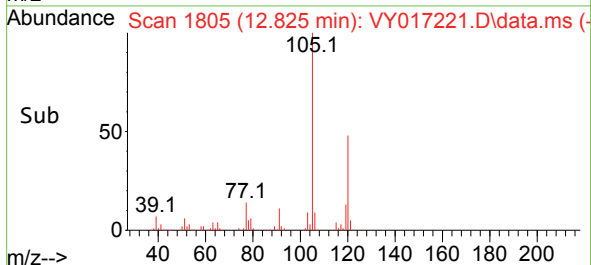
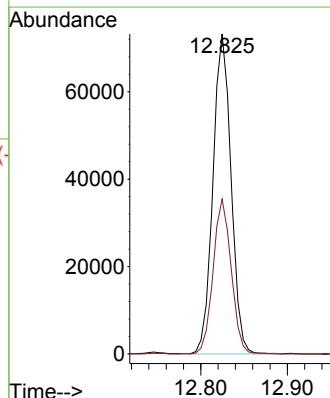
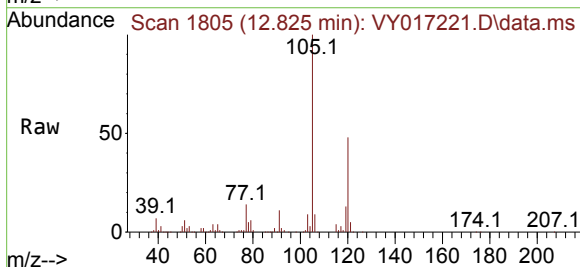
Acq: 05 Feb 2024 11:38

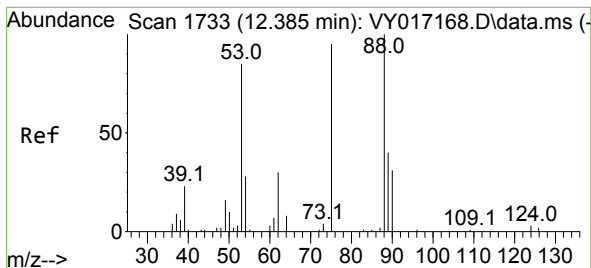
Tgt Ion:105 Resp: 106444

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8

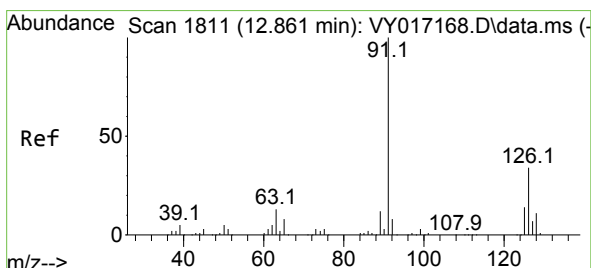
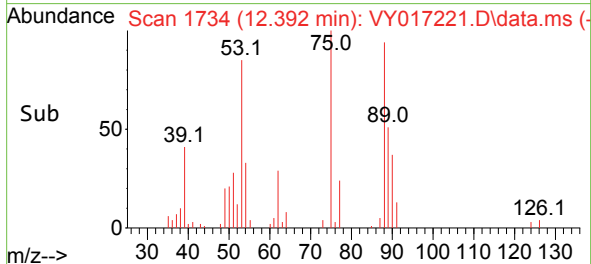
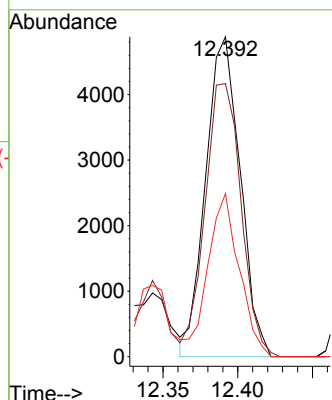
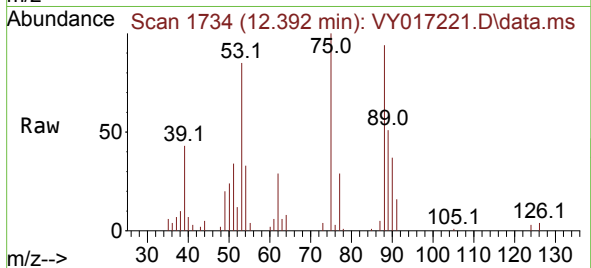




#81
trans-1,4-Dichloro-2-butene
Concen: 20.381 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

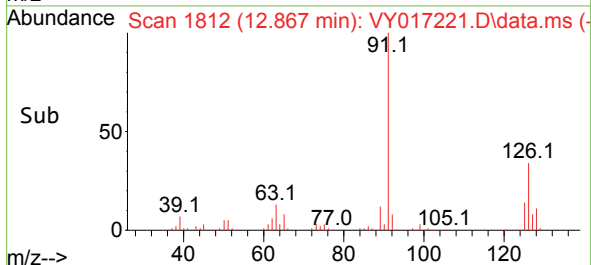
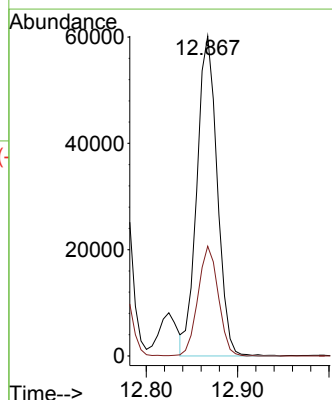
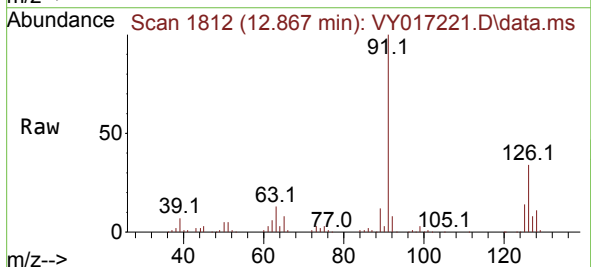
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

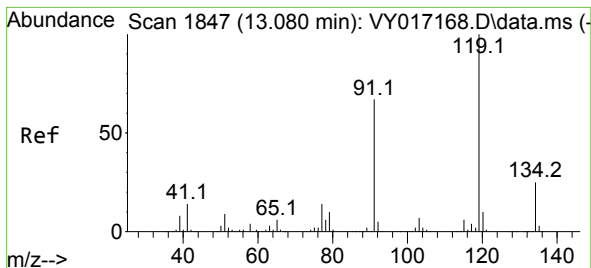
Tgt Ion: 75 Resp: 7831
Ion Ratio Lower Upper
75 100
53 89.2 74.0 111.0
89 46.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.040 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion: 91 Resp: 92913
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.031 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBSD01

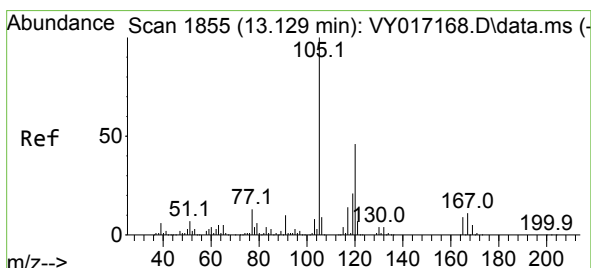
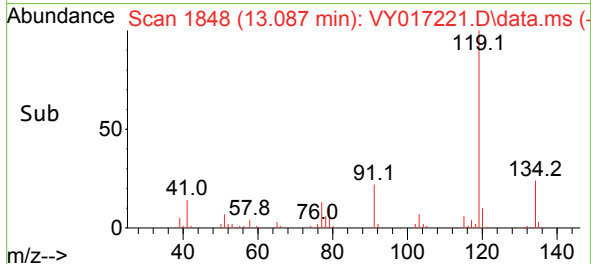
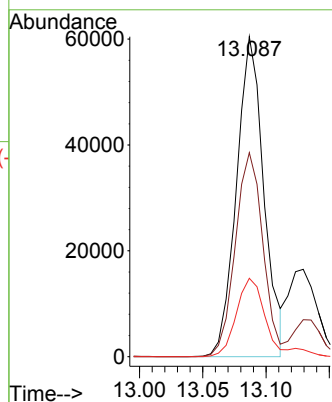
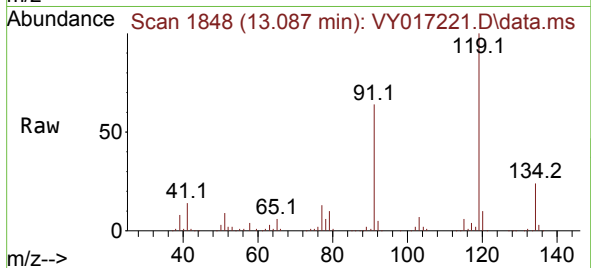
Tgt Ion:119 Resp: 91108

Ion Ratio Lower Upper

119 100

91 64.2 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.898 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017221.D

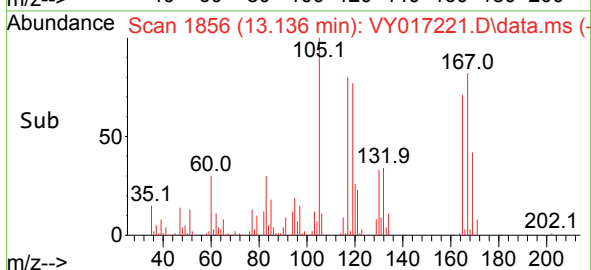
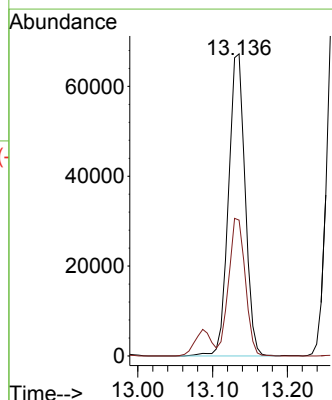
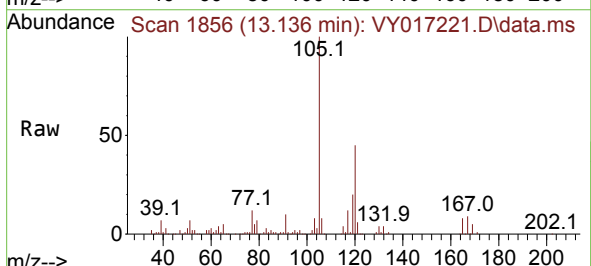
Acq: 05 Feb 2024 11:38

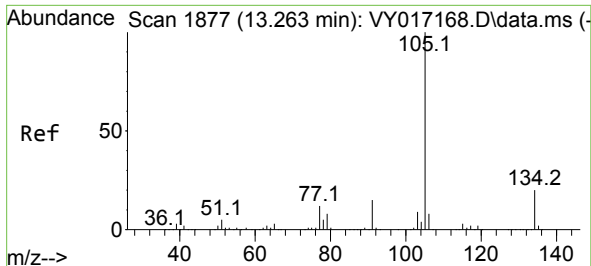
Tgt Ion:105 Resp: 104247

Ion Ratio Lower Upper

105 100

120 45.6 22.1 66.3

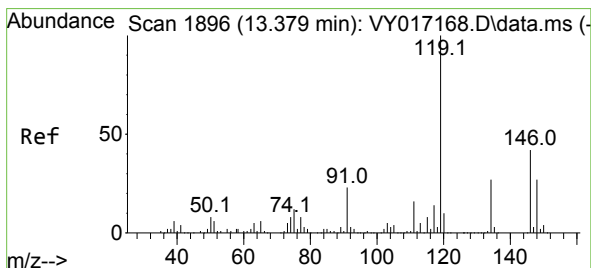
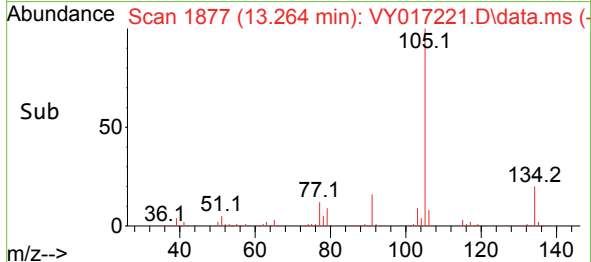
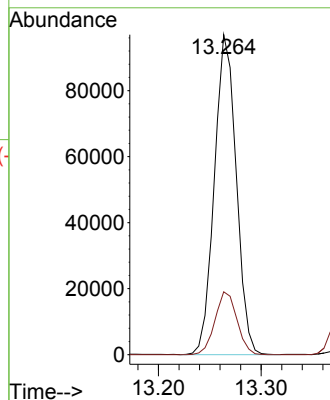
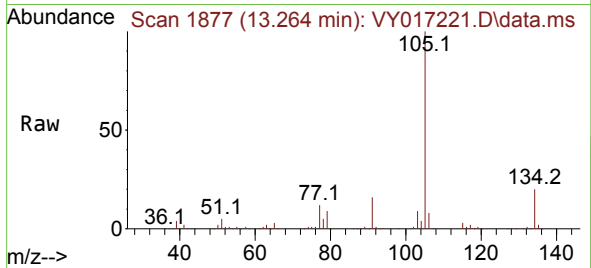




#85
sec-Butylbenzene
Concen: 21.140 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

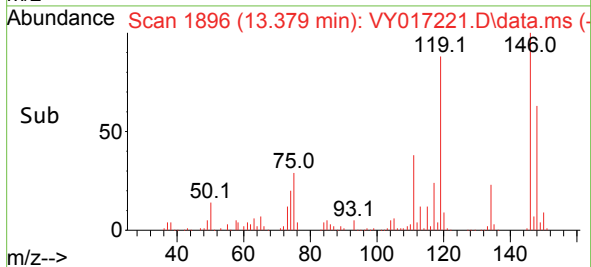
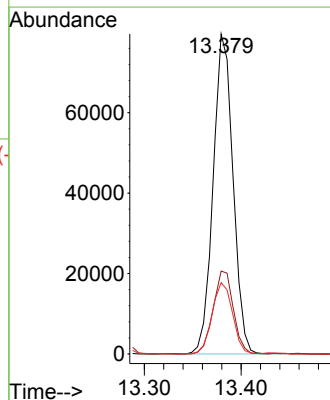
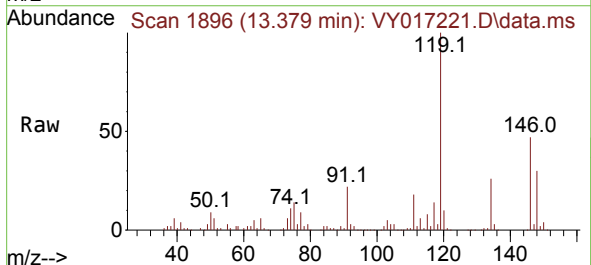
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

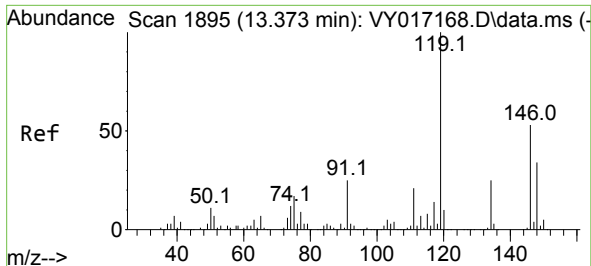
Tgt Ion:105 Resp: 143133
Ion Ratio Lower Upper
105 100
134 19.8 9.7 28.9



#86
p-Isopropyltoluene
Concen: 20.981 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY017221.D
Acq: 05 Feb 2024 11:38

Tgt Ion:119 Resp: 113520
Ion Ratio Lower Upper
119 100
134 26.4 13.1 39.1
91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.435 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

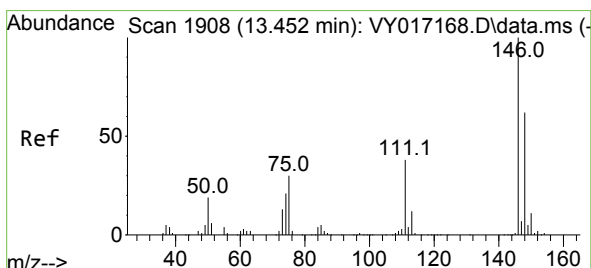
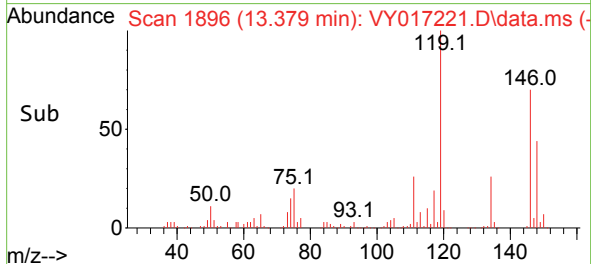
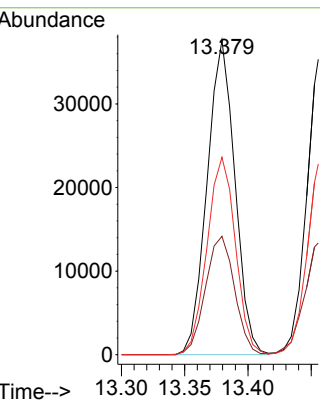
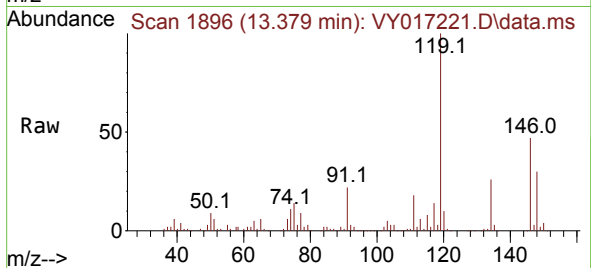
Tgt Ion:146 Resp: 57462

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.886 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

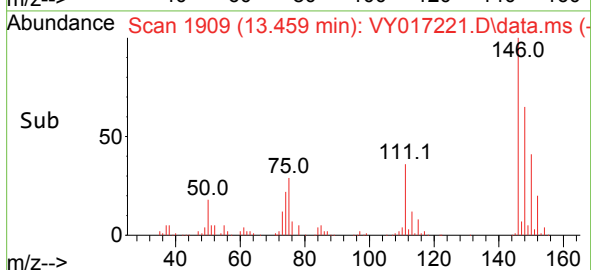
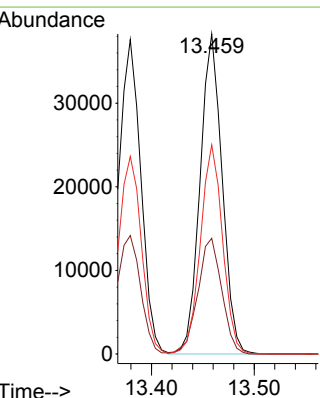
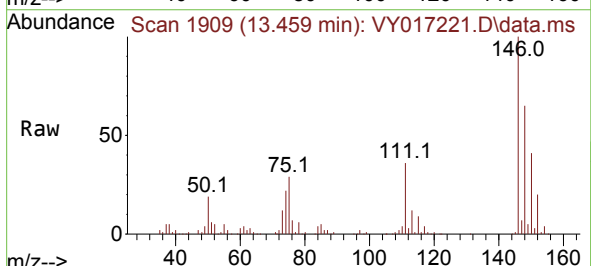
Tgt Ion:146 Resp: 57058

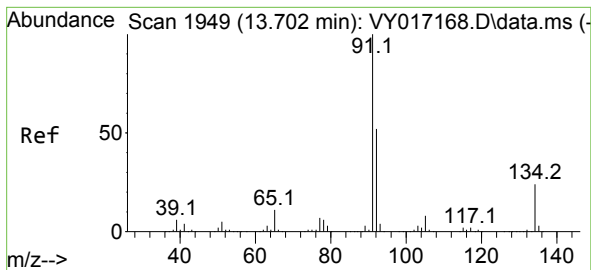
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

148 65.7 31.6 94.7





#89

n-Butylbenzene

Concen: 20.727 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

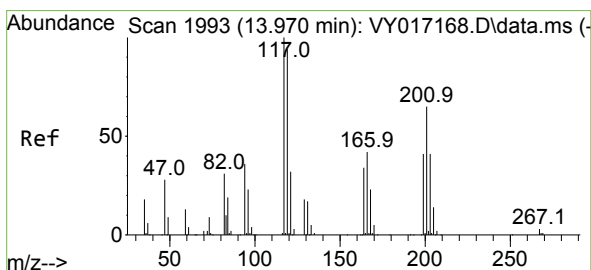
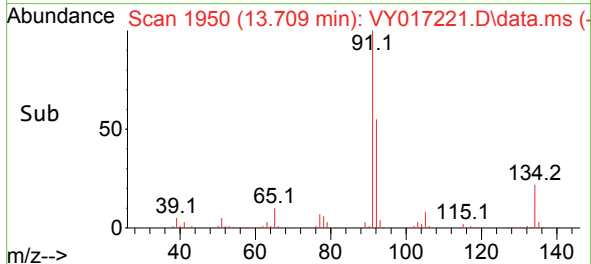
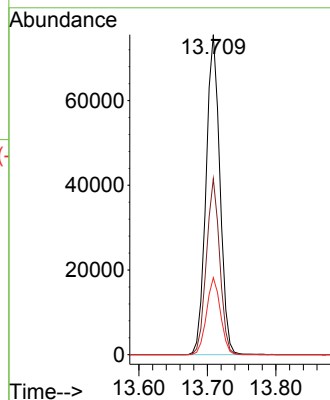
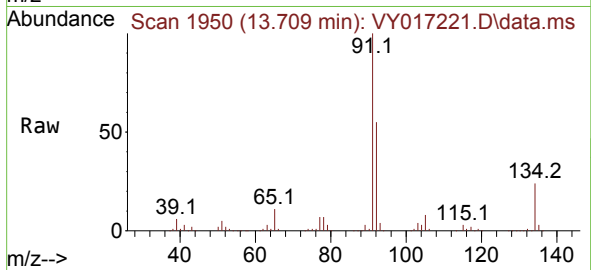
Tgt Ion: 91 Resp: 106627

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 20.812 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017221.D

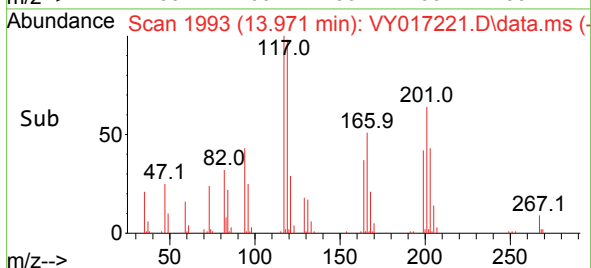
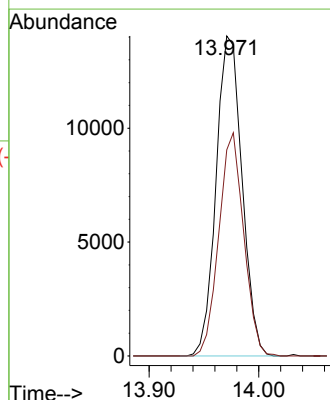
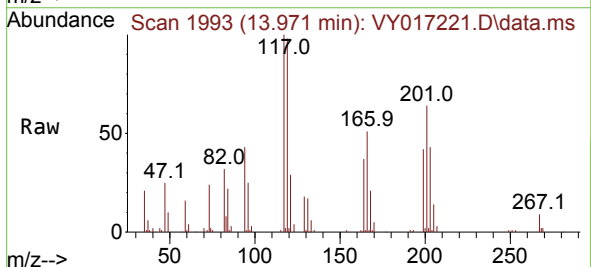
Acq: 05 Feb 2024 11:38

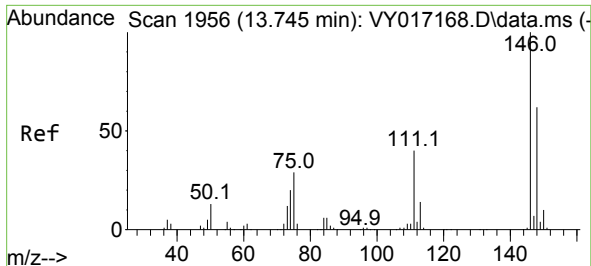
Tgt Ion: 117 Resp: 23117

Ion Ratio Lower Upper

117 100

201 66.9 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.053 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBSD01

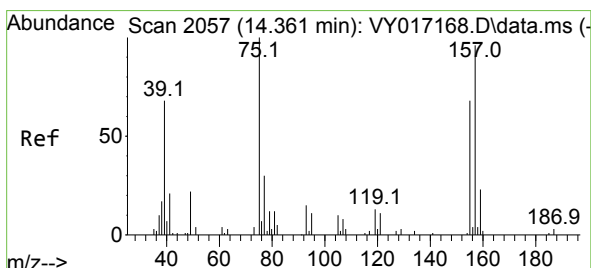
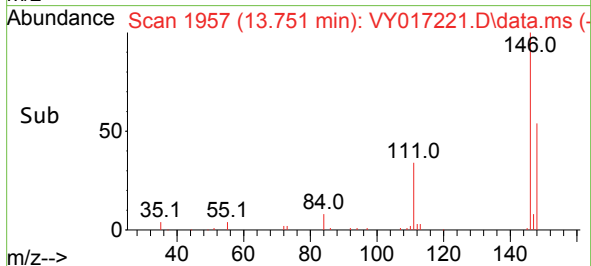
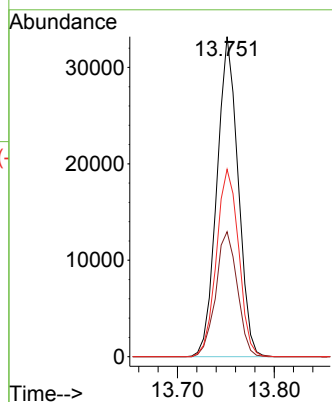
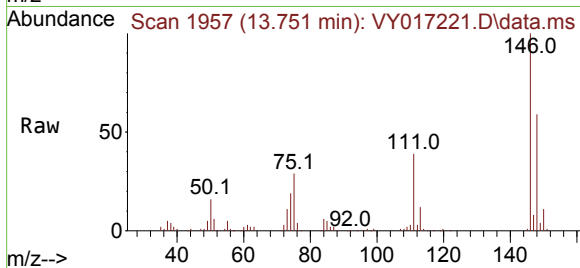
Tgt Ion:146 Resp: 50397

Ion Ratio Lower Upper

146 100

111 39.7 20.5 61.6

148 61.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.049 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

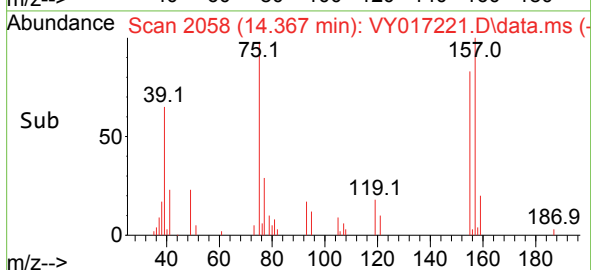
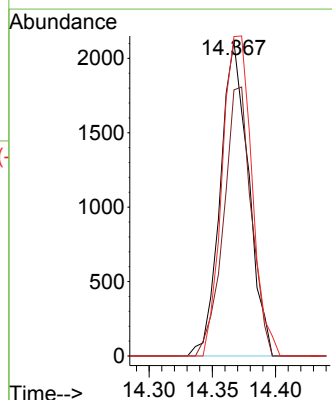
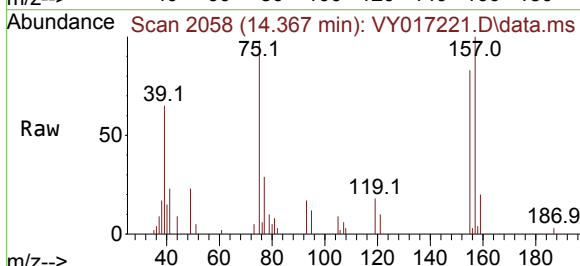
Tgt Ion: 75 Resp: 3264

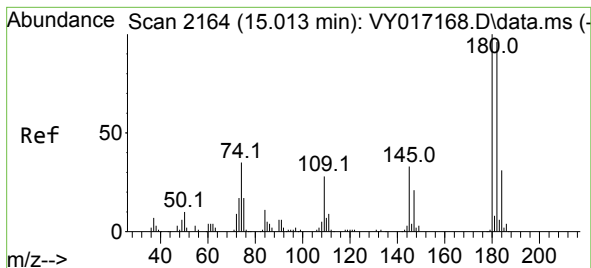
Ion Ratio Lower Upper

75 100

155 84.3 42.1 126.3

157 107.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.974 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

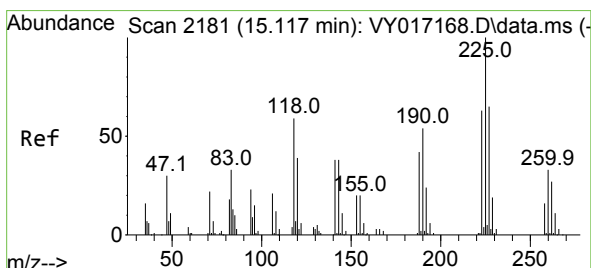
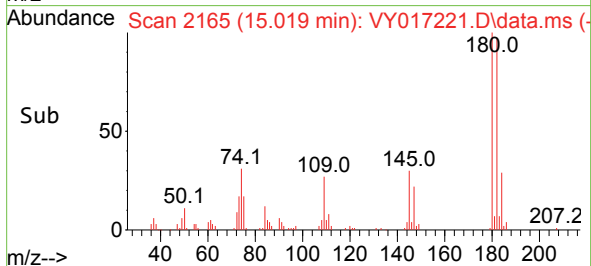
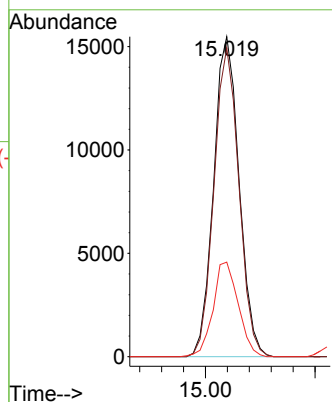
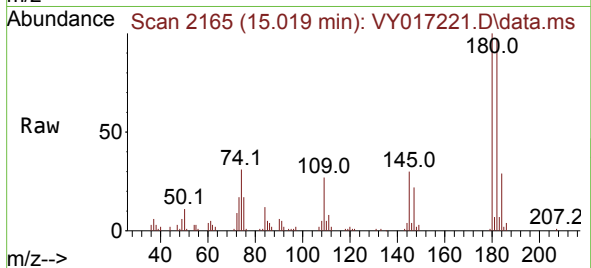
Tgt Ion:180 Resp: 24939

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 29.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.598 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

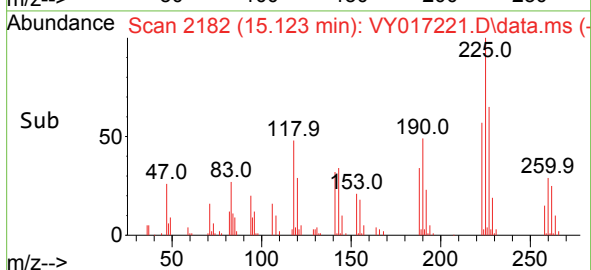
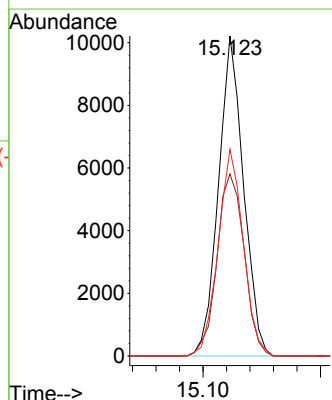
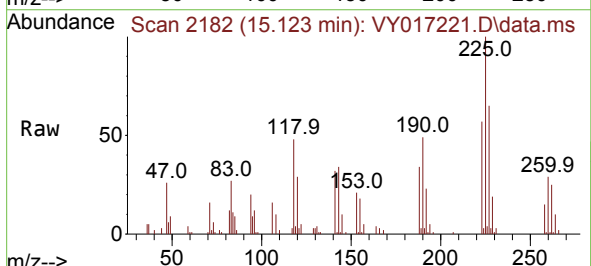
Tgt Ion:225 Resp: 15125

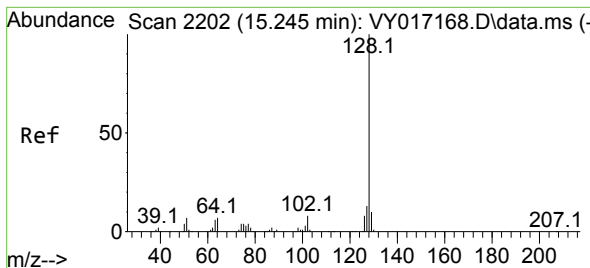
Ion Ratio Lower Upper

225 100

223 61.7 31.4 94.3

227 64.8 32.3 96.8





#95

Naphthalene

Concen: 20.648 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBSD01

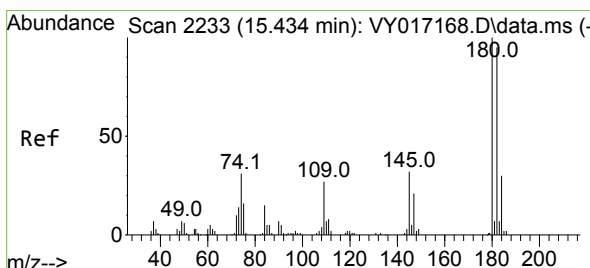
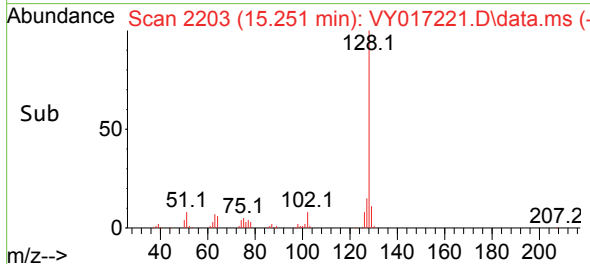
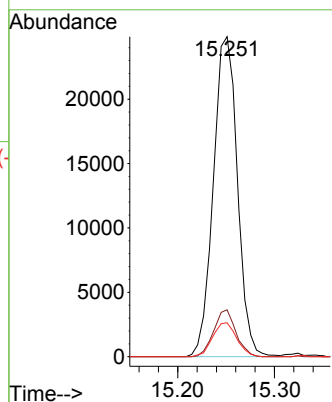
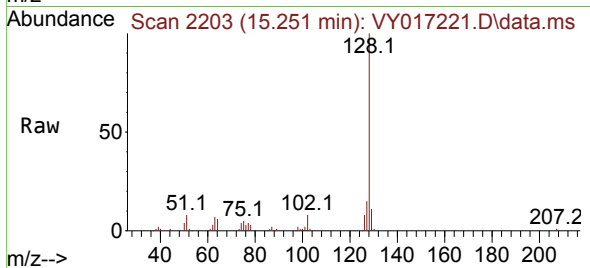
Tgt Ion:128 Resp: 42972

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.631 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017221.D

Acq: 05 Feb 2024 11:38

Tgt Ion:180 Resp: 20863

Ion Ratio Lower Upper

180 100

182 94.2 46.3 138.8

145 31.9 16.1 48.2

