

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017062.D
 Acq On : 19 Jan 2024 17:41
 Operator : SY/MD
 Sample : P1184-11MSD
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MSD

Quant Time: Jan 19 22:26:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	127179	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	219490	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	185062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	51066	40.626	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.260%
35) Dibromofluoromethane	7.746	113	65202	46.617	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.203	98	217034	45.062	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.501	95	71402	43.940	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	50488	53.150	ug/l	95
3) Chloromethane	2.131	50	84827	56.779	ug/l	100
4) Vinyl Chloride	2.271	62	100276	56.903	ug/l	99
5) Bromomethane	2.680	94	72303	57.271	ug/l	95
6) Chloroethane	2.820	64	65619	55.046	ug/l	100
7) Trichlorofluoromethane	3.155	101	103730	47.773	ug/l	98
8) Diethyl Ether	3.558	74	28880	41.619	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.936	101	63429	44.927	ug/l	99
10) Methyl Iodide	4.125	142	67188	55.939	ug/l	99
11) Tert butyl alcohol	4.984	59	11810	110.644	ug/l #	95
12) 1,1-Dichloroethene	3.911	96	61863	51.070	ug/l	99
13) Acrolein	3.759	56	21174	151.366	ug/l	96
14) Allyl chloride	4.521	41	94182	49.182	ug/l	96
15) Acrylonitrile	5.204	53	54527	167.995	ug/l	98
16) Acetone	3.978	43	49403	149.792	ug/l	98
17) Carbon Disulfide	4.235	76	189377	65.430	ug/l	98
18) Methyl Acetate	4.515	43	55808	41.441	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	123341	39.138	ug/l	98
20) Methylene Chloride	4.759	84	78280	47.854	ug/l	98
21) trans-1,2-Dichloroethene	5.265	96	73748	53.157	ug/l	96
22) Diisopropyl ether	6.155	45	203052	45.864	ug/l	97
23) Vinyl Acetate	6.100	43	360142	177.410	ug/l	99
24) 1,1-Dichloroethane	6.063	63	127289	47.844	ug/l	97
25) 2-Butanone	7.021	43	68895	157.004	ug/l	100
26) 2,2-Dichloropropane	7.015	77	105653	45.802	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	80165	49.293	ug/l	100
28) Bromochloromethane	7.368	49	54703	54.769	ug/l	100
29) Tetrahydrofuran	7.380	42	42056	165.308	ug/l	98
30) Chloroform	7.539	83	129489	47.230	ug/l	98
31) Cyclohexane	7.819	56	110416	51.180	ug/l	98
32) 1,1,1-Trichloroethane	7.734	97	112521	48.403	ug/l	100
36) 1,1-Dichloropropene	7.947	75	101169	49.632	ug/l	100
37) Ethyl Acetate	7.106	43	30350	32.764	ug/l	98
38) Carbon Tetrachloride	7.929	117	97808	47.228	ug/l	99
39) Methylcyclohexane	9.209	83	119340	52.079	ug/l	98
40) Benzene	8.191	78	299080	48.912	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	17949	36.791	ug/l	99
42) 1,2-Dichloroethane	8.264	62	66820	41.163	ug/l	100
43) Isopropyl Acetate	8.295	43	58321	32.878	ug/l	97
44) Trichloroethene	8.965	130	76297	49.036	ug/l	96
45) 1,2-Dichloropropane	9.240	63	70205	44.567	ug/l	99
46) Dibromomethane	9.331	93	32154	40.022	ug/l	99
47) Bromodichloromethane	9.520	83	92655	42.948	ug/l	97
48) Methyl methacrylate	9.319	41	34332	35.863	ug/l	98
49) 1,4-Dioxane	9.319	88	5140	617.893	ug/l	94
51) 4-Methyl-2-Pentanone	10.087	43	151314	160.395	ug/l	99
52) Toluene	10.264	92	182681	49.504	ug/l	98
53) t-1,3-Dichloropropene	10.483	75	78522	40.634	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	102341	44.099	ug/l	95
55) 1,1,2-Trichloroethane	10.666	97	44333	37.772	ug/l	97
56) Ethyl methacrylate	10.526	69	36126	36.339	ug/l	98
57) 1,3-Dichloropropane	10.807	76	76688	39.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	125738	204.416	ug/l	100
59) 2-Hexanone	10.849	43	103191	148.553	ug/l	100
60) Dibromochloromethane	11.002	129	53544	39.559	ug/l	99
61) 1,2-Dibromoethane	11.105	107	39036	38.280	ug/l	100
64) Tetrachloroethene	10.739	164	59093	49.253	ug/l	100
65) Chlorobenzene	11.532	112	181775	47.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	65647	44.795	ug/l	99
67) Ethyl Benzene	11.611	91	344168	49.587	ug/l	100
68) m/p-Xylenes	11.721	106	259114	101.707	ug/l	99
69) o-Xylene	12.044	106	117980	49.398	ug/l	100
70) Styrene	12.062	104	168798	48.560	ug/l	99
71) Bromoform	12.227	173	26329	36.494	ug/l #	97
73) Isopropylbenzene	12.349	105	323177	52.668	ug/l	100
74) N-amyl acetate	12.160	43	44464	36.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	45090	36.065	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	55497	68.059	ug/l #	100
77) Bromobenzene	12.623	156	63674	47.131	ug/l	96
78) n-propylbenzene	12.684	91	387622	51.962	ug/l	100
79) 2-Chlorotoluene	12.770	91	209156	50.562	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	257940	53.151	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	12697	35.358	ug/l	98
82) 4-Chlorotoluene	12.873	91	211949	50.152	ug/l	100
83) tert-Butylbenzene	13.093	119	225959	52.863	ug/l	100
84) 1,2,4-Trimethylbenzene	13.135	105	250273	52.367	ug/l	98
85) sec-Butylbenzene	13.270	105	327317	51.680	ug/l	99
86) p-Isopropyltoluene	13.385	119	271508	51.943	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	126678	47.810	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	119805	46.230	ug/l	99
89) n-Butylbenzene	13.715	91	253518	50.444	ug/l	100
90) Hexachloroethane	13.977	117	54866	48.848	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	103714	45.295	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4926	31.420	ug/l	95
93) 1,2,4-Trichlorobenzene	15.025	180	48939	43.041	ug/l	98
94) Hexachlorobutadiene	15.129	225	31404	44.088	ug/l	98
95) Naphthalene	15.257	128	75714	37.705	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	38803	40.191	ug/l	98

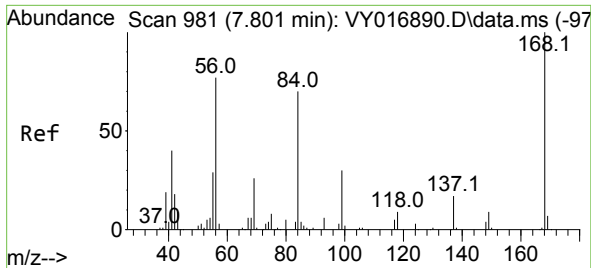
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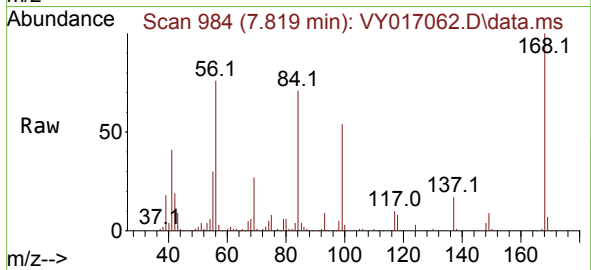
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

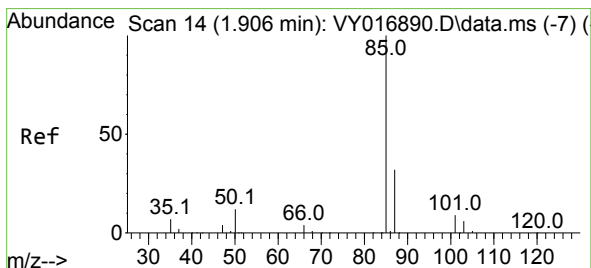
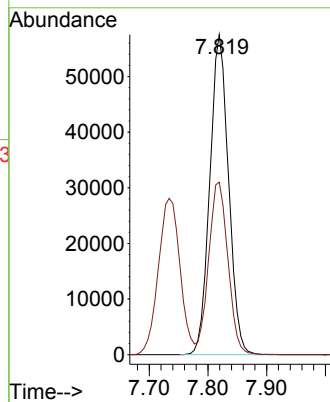
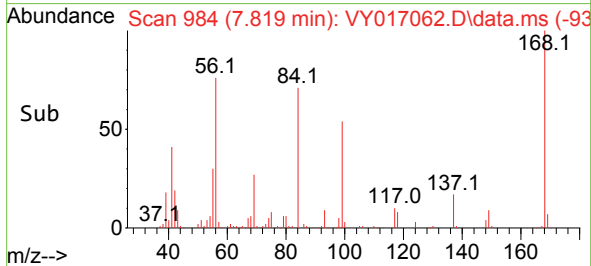


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 9
Delta R.T. 0.018 min
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Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

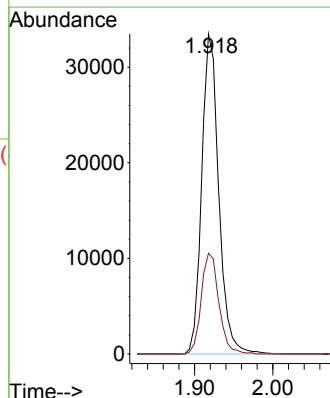
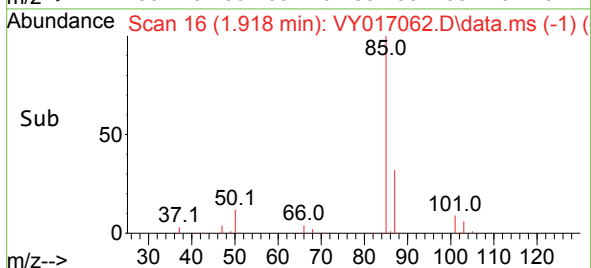
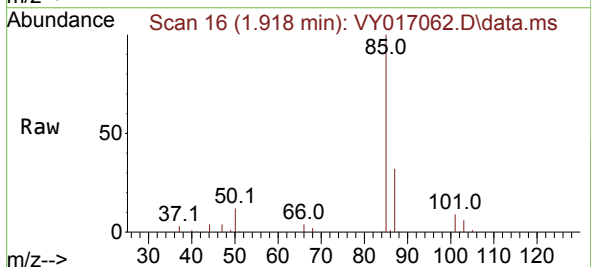


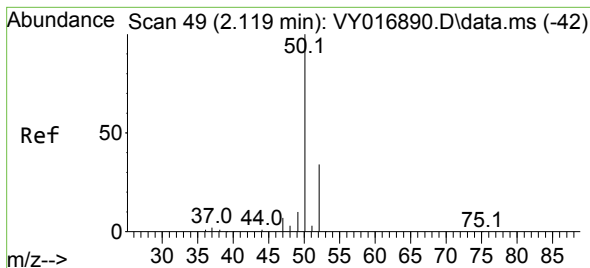
Tgt Ion:168 Resp: 127179
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 53.150 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 85 Resp: 50488
Ion Ratio Lower Upper
85 100
87 31.5 17.1 51.3





#3

Chloromethane

Concen: 56.779 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

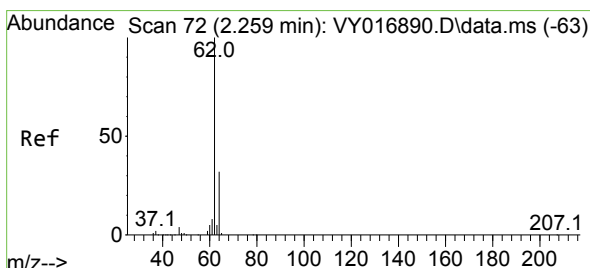
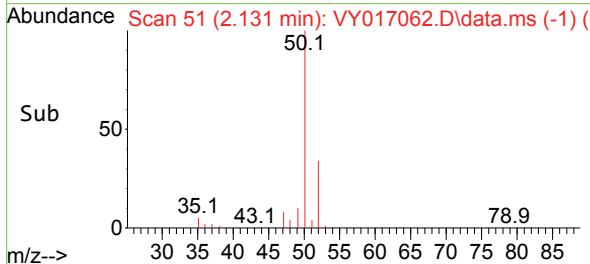
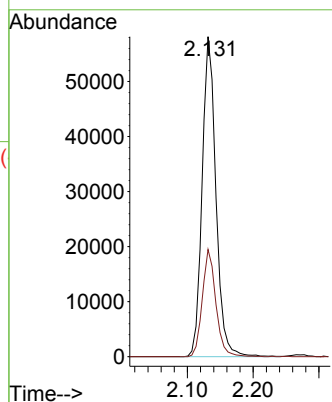
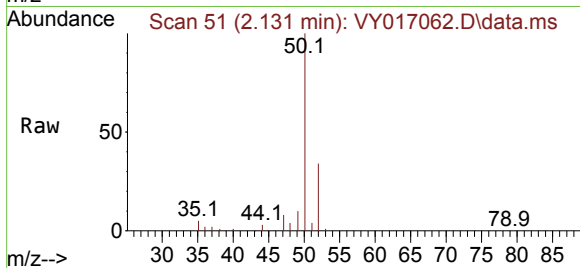
SB-5-19.5-20.0MSD

Tgt Ion: 50 Resp: 84827

Ion Ratio Lower Upper

50 100

52 33.5 26.7 40.1



#4

Vinyl Chloride

Concen: 56.903 ug/l

RT: 2.271 min Scan# 74

Delta R.T. 0.012 min

Lab File: VY017062.D

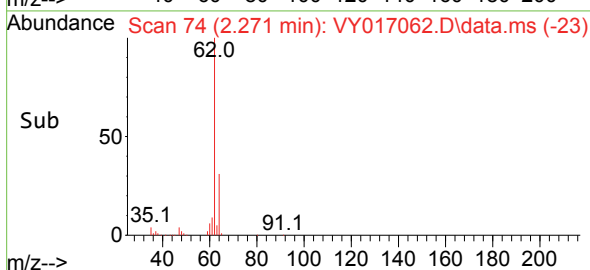
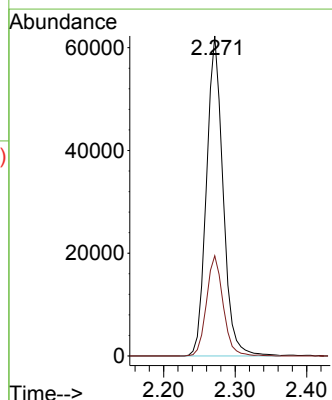
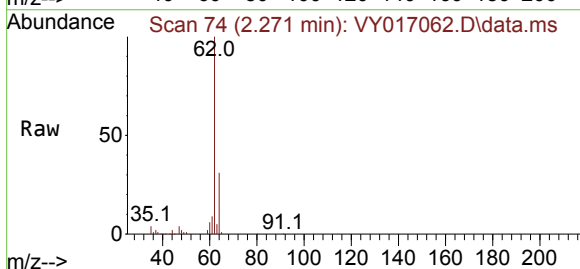
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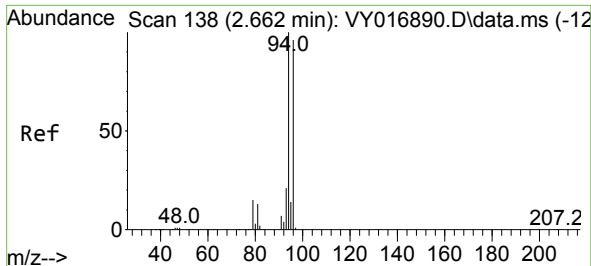
Tgt Ion: 62 Resp: 100276

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 57.271 ug/l

RT: 2.680 min Scan# 14

Delta R.T. 0.018 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

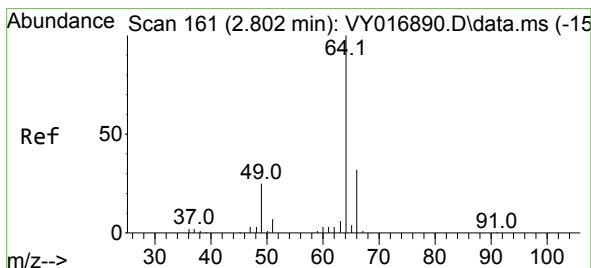
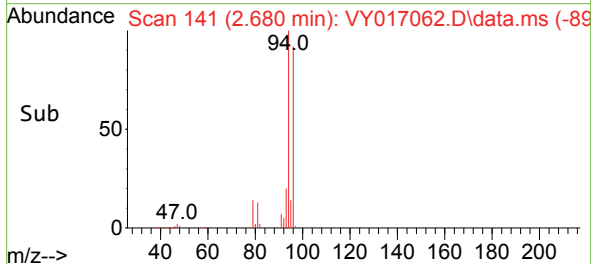
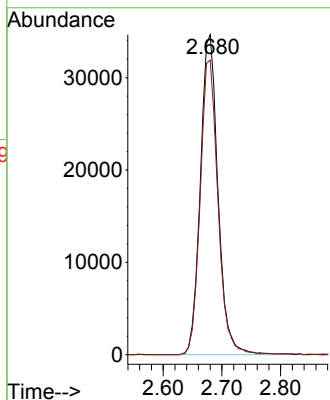
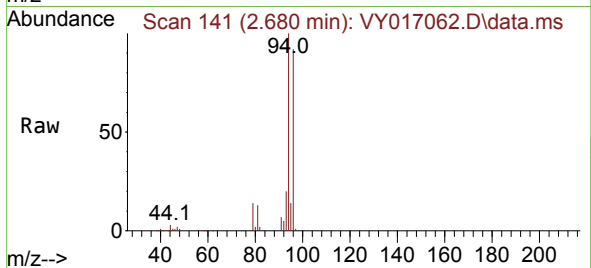
SB-5-19.5-20.0MSD

Tgt Ion: 94 Resp: 72303

Ion Ratio Lower Upper

94 100

96 92.0 77.3 115.9



#6

Chloroethane

Concen: 55.046 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY017062.D

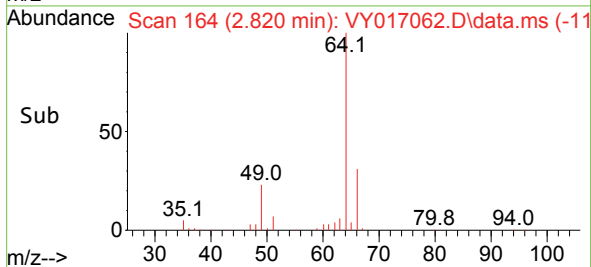
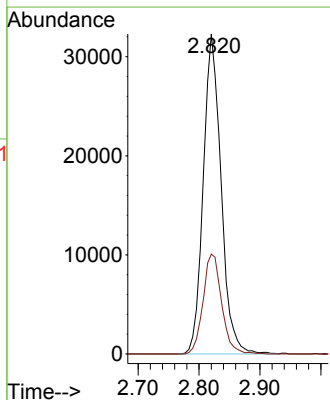
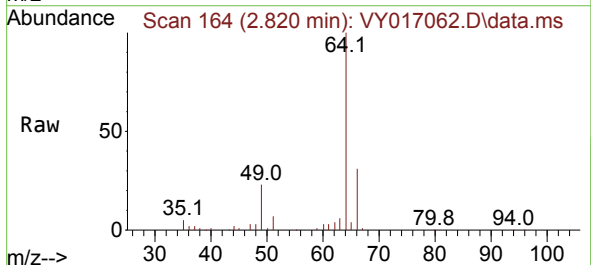
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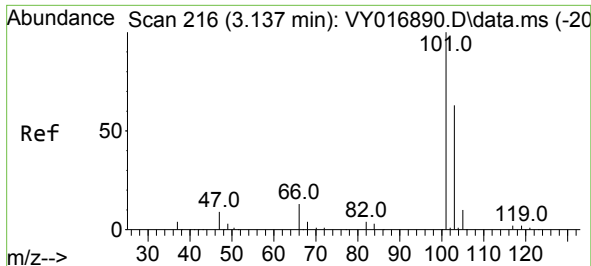
Tgt Ion: 64 Resp: 65619

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7

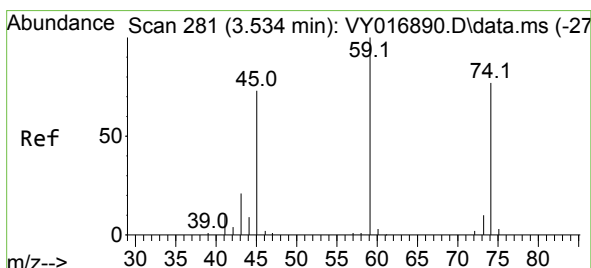
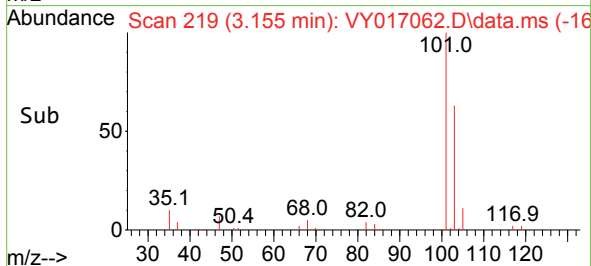
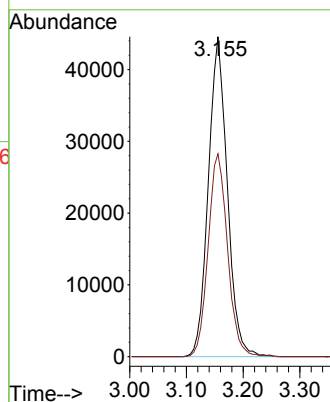
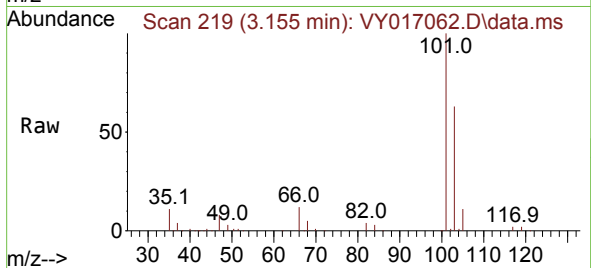




#7
 Trichlorofluoromethane
 Concen: 47.773 ug/l
 RT: 3.155 min Scan# 216
 Delta R.T. 0.018 min
 Lab File: VY017062.D
 Acq: 19 Jan 2024 17:41

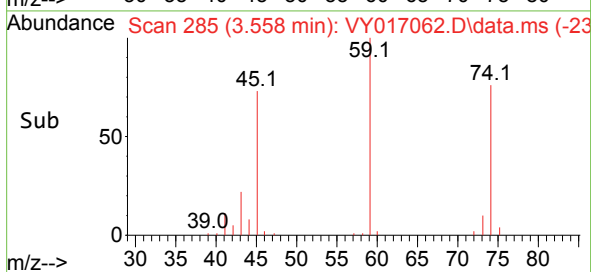
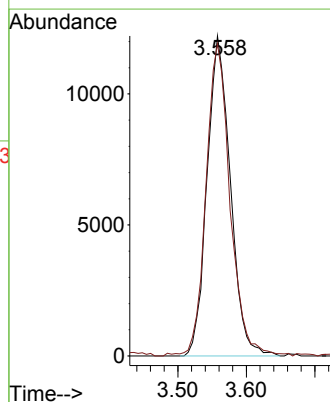
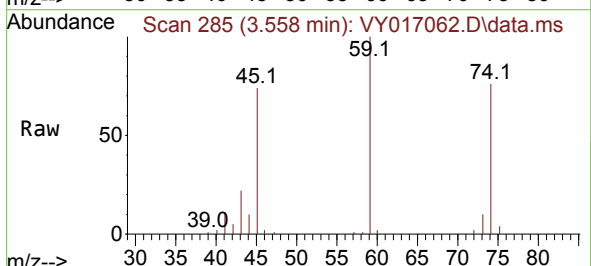
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MSD

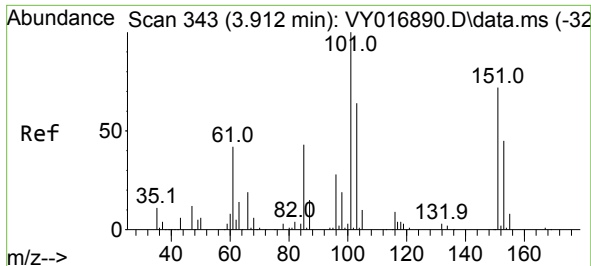
Tgt Ion:101 Resp: 103730
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 41.619 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY017062.D
 Acq: 19 Jan 2024 17:41

Tgt Ion: 74 Resp: 28880
 Ion Ratio Lower Upper
 74 100
 45 100.9 47.9 143.7

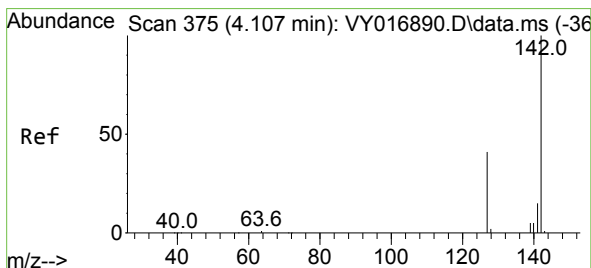
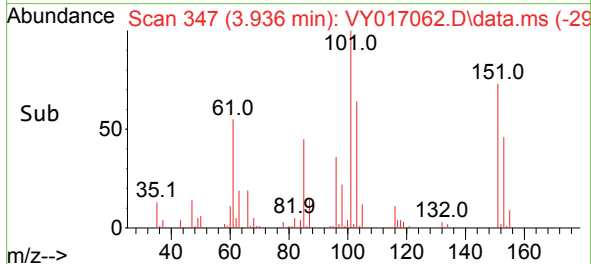
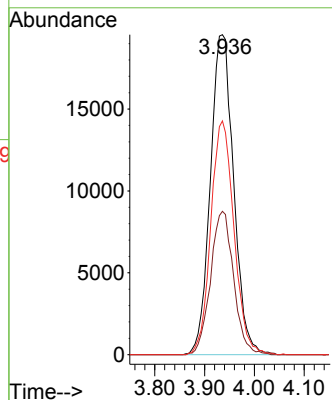
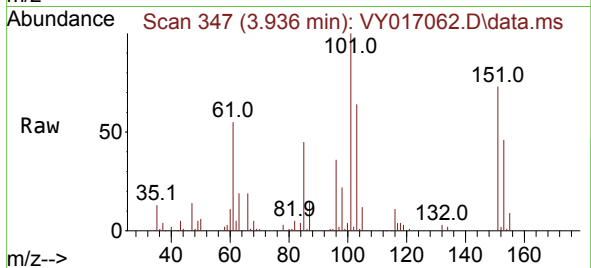




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.927 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.025 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

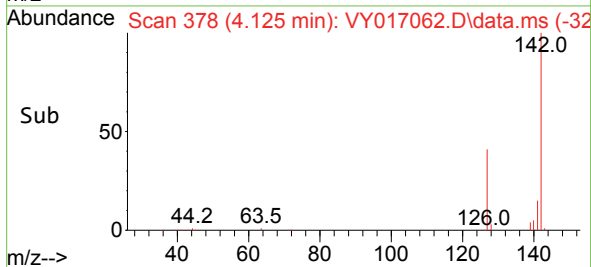
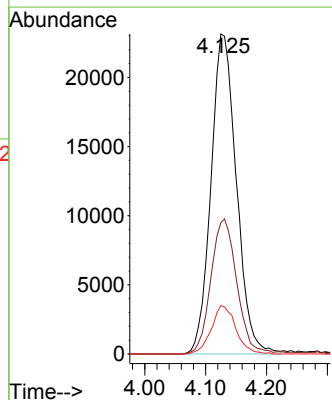
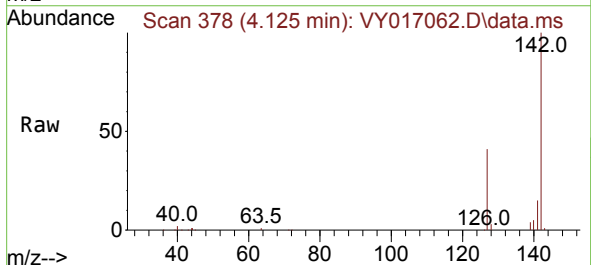
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

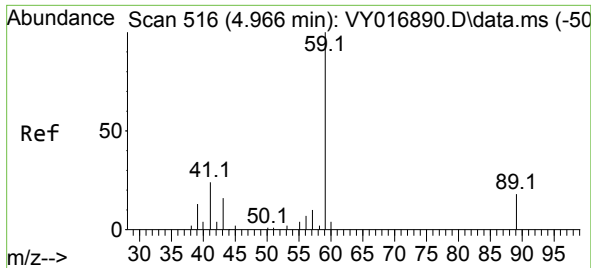
Tgt Ion:101 Resp: 63429
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 72.7 58.6 88.0



#10
Methyl Iodide
Concen: 55.939 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion:142 Resp: 67188
Ion Ratio Lower Upper
142 100
127 43.1 35.1 52.7
141 14.6 11.8 17.6

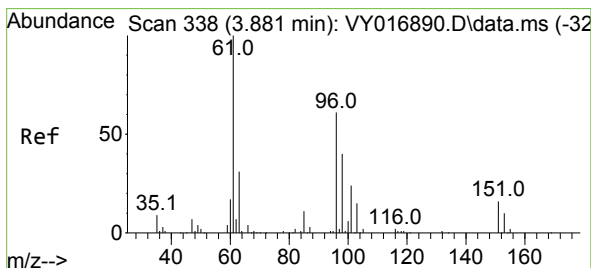
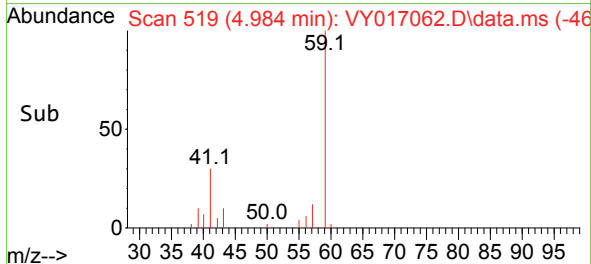
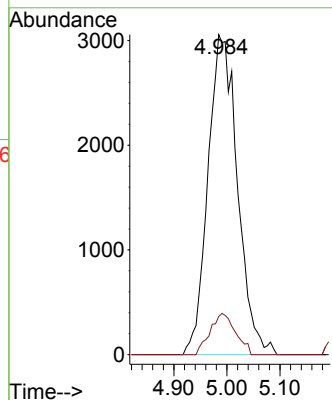
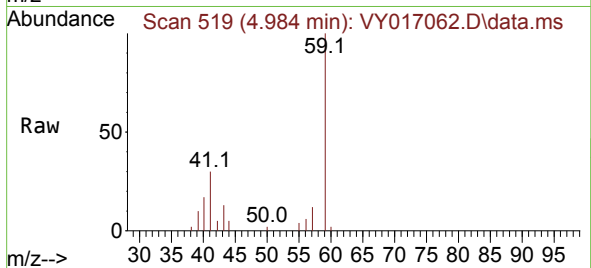




#11
Tert butyl alcohol
Concen: 110.644 ug/l
RT: 4.984 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

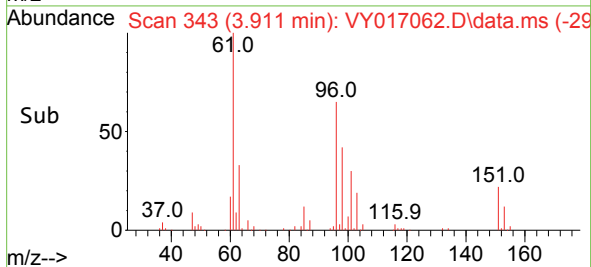
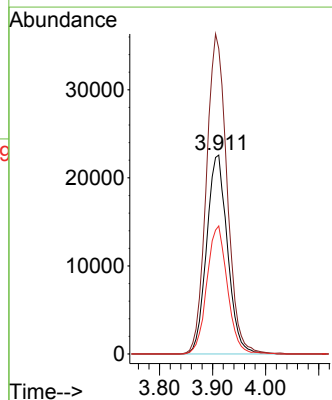
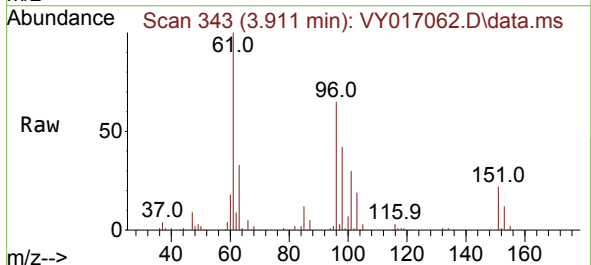
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

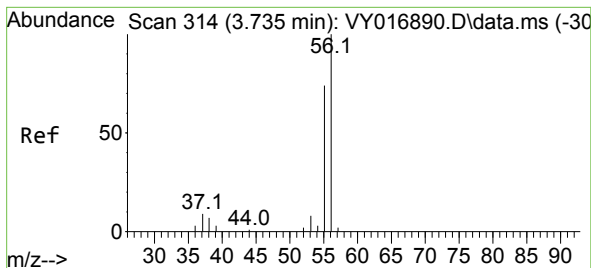
Tgt Ion: 59 Resp: 11810
Ion Ratio Lower Upper
59 100
57 11.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 51.070 ug/l
RT: 3.911 min Scan# 343
Delta R.T. 0.024 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 96 Resp: 61863
Ion Ratio Lower Upper
96 100
61 153.6 124.2 186.2
98 64.4 52.6 79.0





#13

Acrolein

Concen: 151.366 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

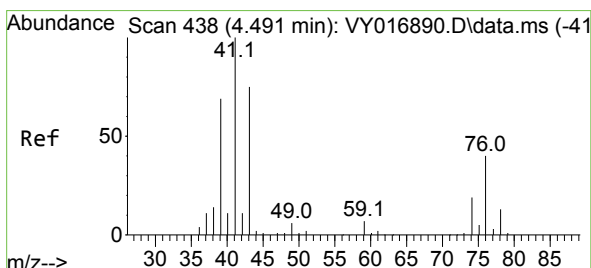
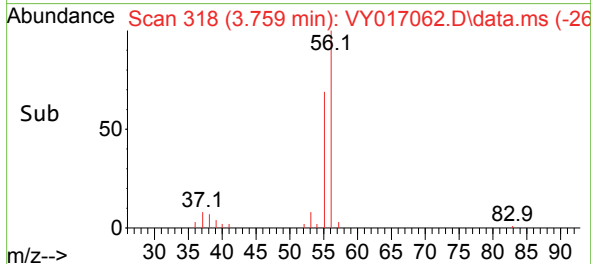
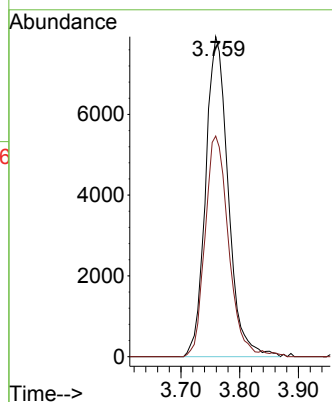
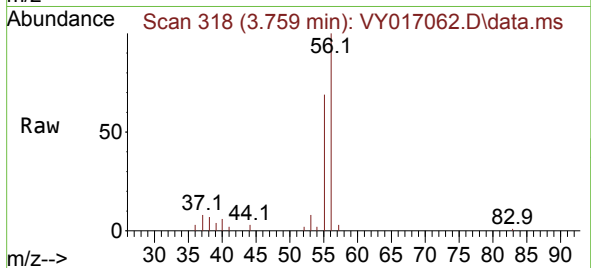
SB-5-19.5-20.0MSD

Tgt Ion: 56 Resp: 21174

Ion Ratio Lower Upper

56 100

55 72.1 55.4 83.0



#14

Allyl chloride

Concen: 49.182 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

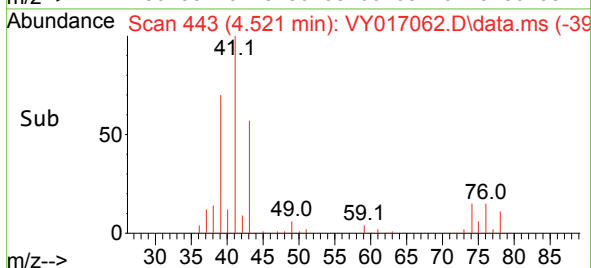
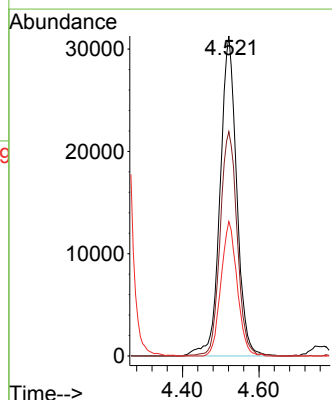
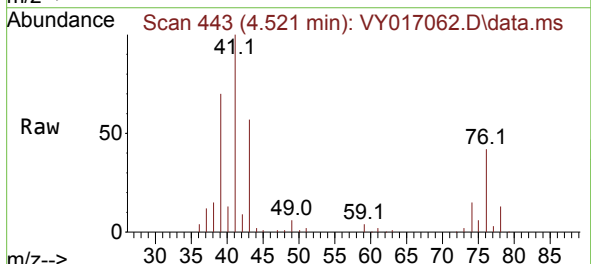
Tgt Ion: 41 Resp: 94182

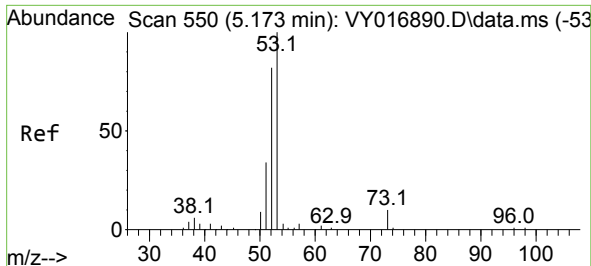
Ion Ratio Lower Upper

41 100

39 72.0 54.7 82.1

76 41.0 31.8 47.6

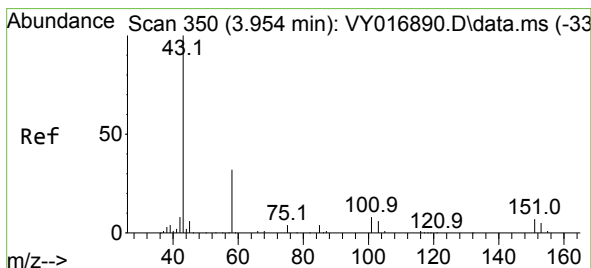
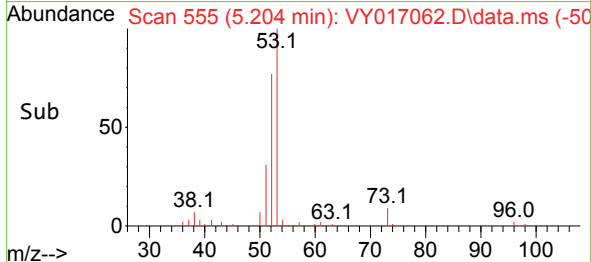
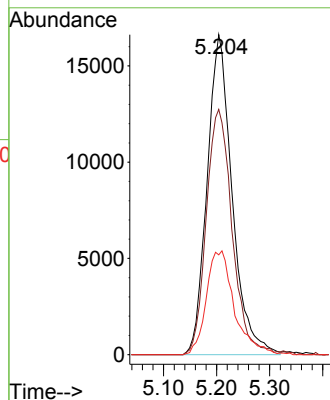
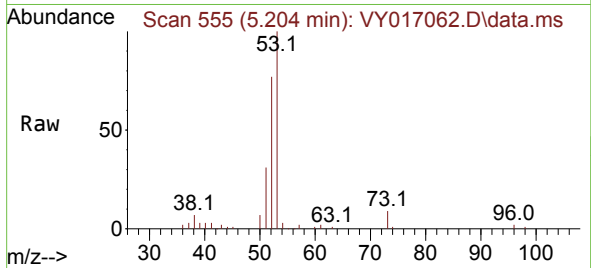




#15
Acrylonitrile
Concen: 167.995 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

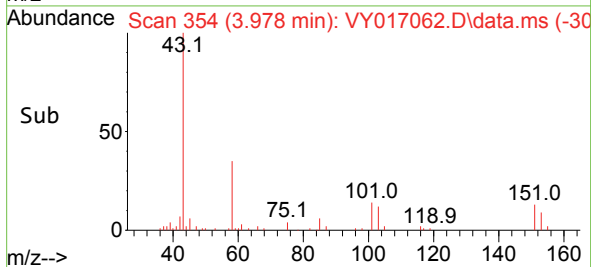
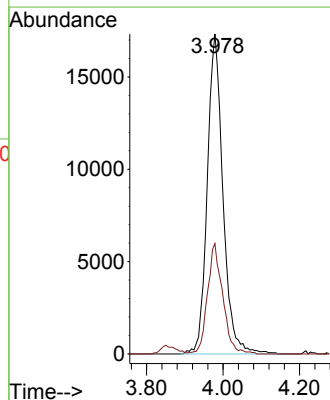
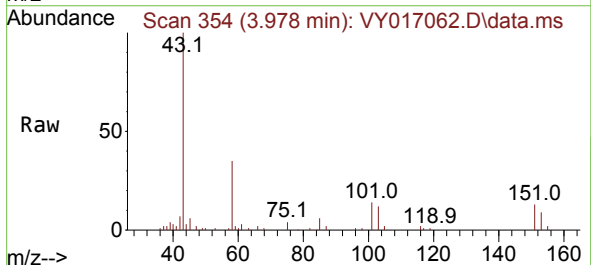
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

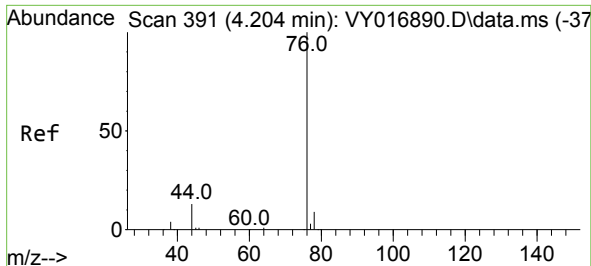
Tgt Ion:	53	Resp:	54527
Ion	Ratio	Lower	Upper
53	100		
52	79.3	65.1	97.7
51	36.3	29.0	43.4



#16
Acetone
Concen: 149.792 ug/l
RT: 3.978 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion:	43	Resp:	49403
Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.6	39.8

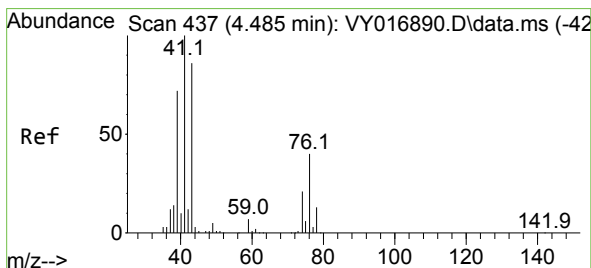
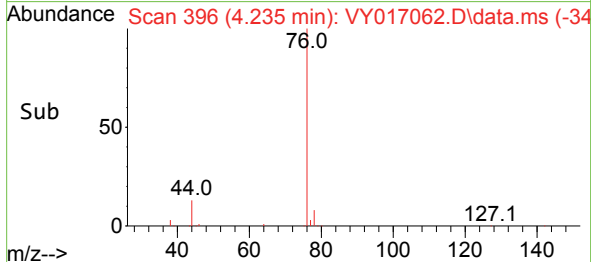
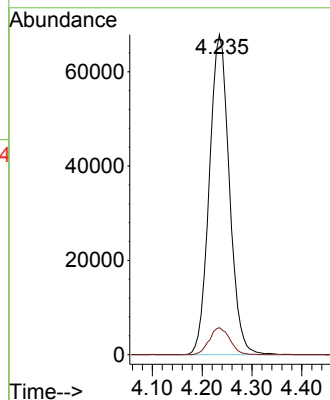
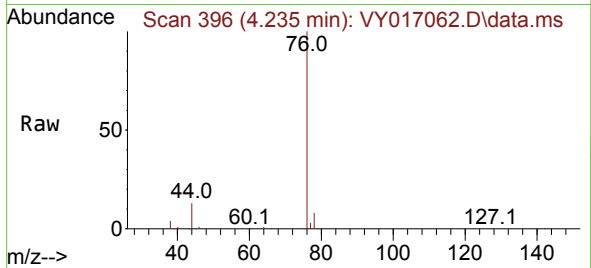




#17
Carbon Disulfide
Concen: 65.430 ug/l
RT: 4.235 min Scan# 391
Delta R.T. 0.025 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

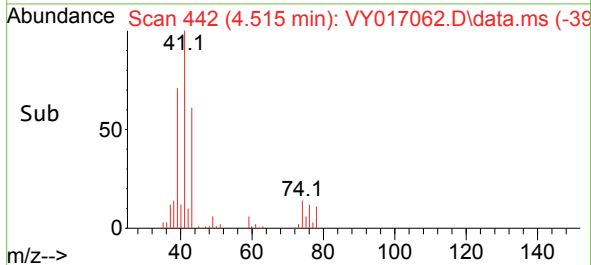
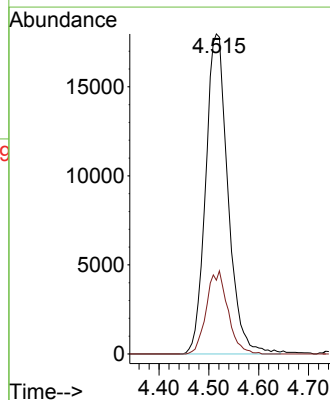
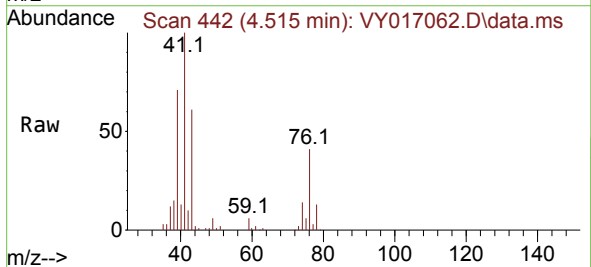
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

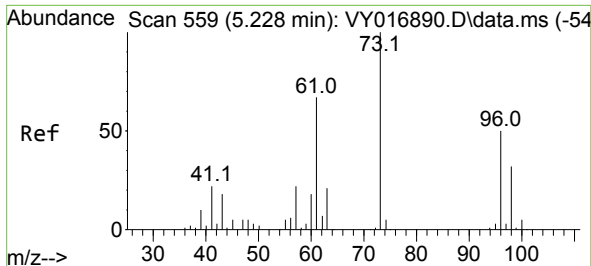
Tgt Ion: 76 Resp: 189377
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 41.441 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 43 Resp: 55808
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 39.138 ug/l

RT: 5.265 min Scan# 5

Delta R.T. 0.031 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

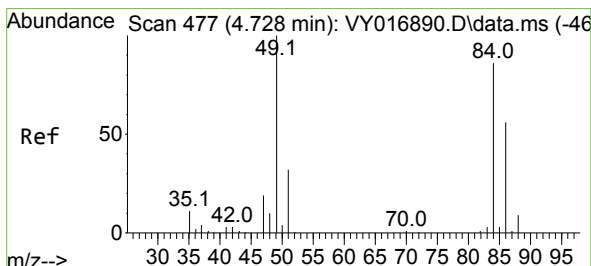
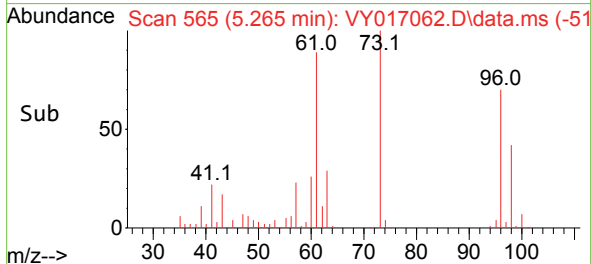
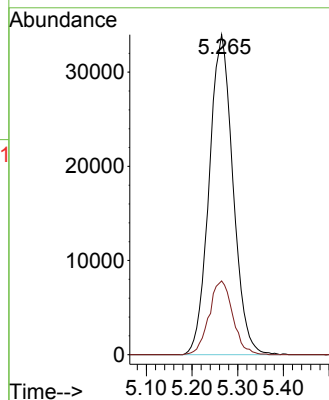
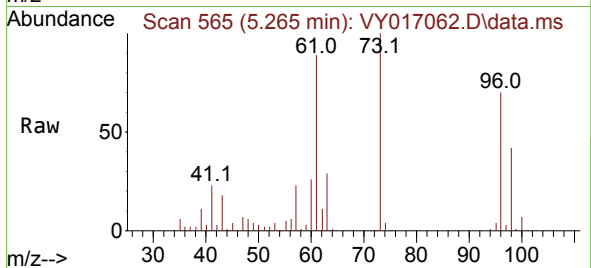
SB-5-19.5-20.0MSD

Tgt Ion: 73 Resp: 123341

Ion Ratio Lower Upper

73 100

57 23.0 17.7 26.5



#20

Methylene Chloride

Concen: 47.854 ug/l

RT: 4.759 min Scan# 482

Delta R.T. 0.025 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Tgt Ion: 84 Resp: 78280

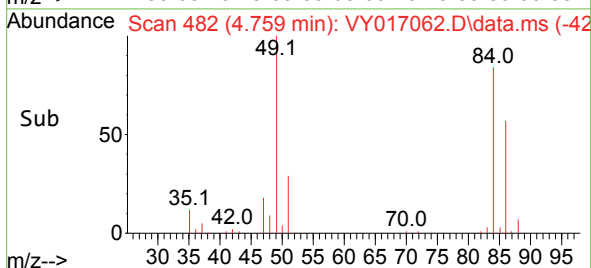
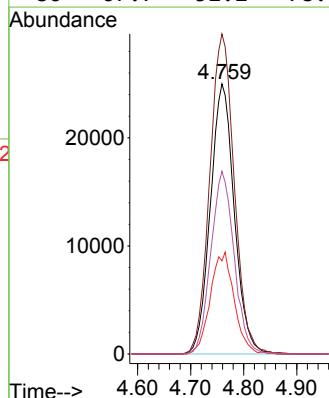
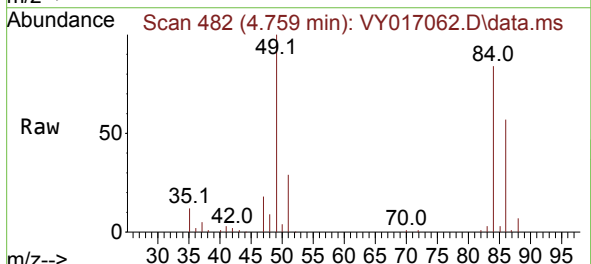
Ion Ratio Lower Upper

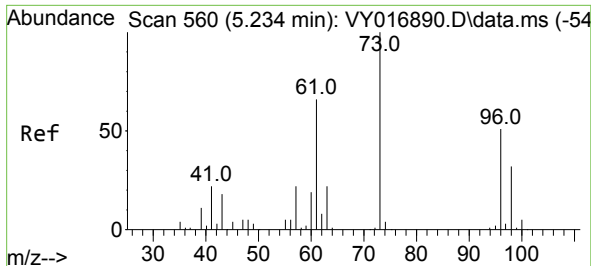
84 100

49 118.5 95.2 142.8

51 34.5 29.9 44.9

86 67.7 52.2 78.4

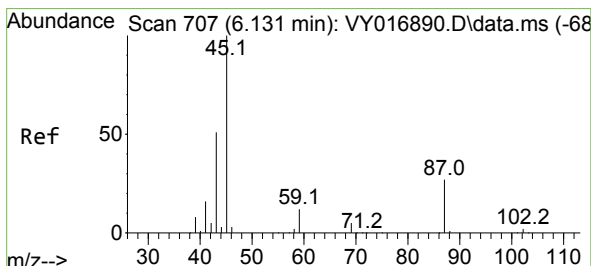
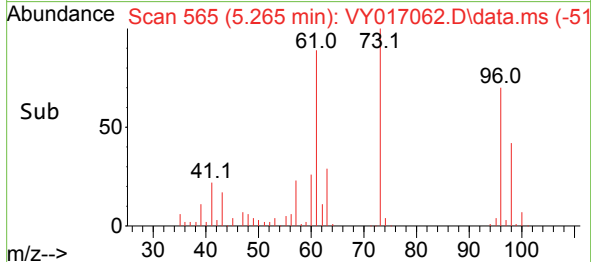
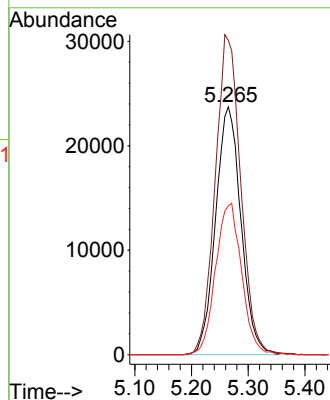
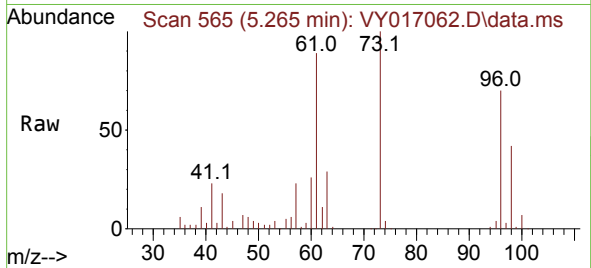




#21
trans-1,2-Dichloroethene
Concen: 53.157 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

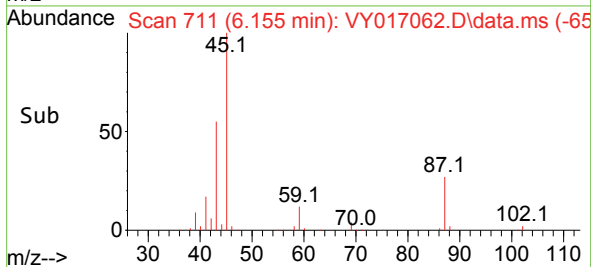
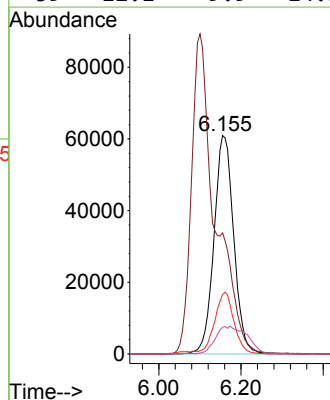
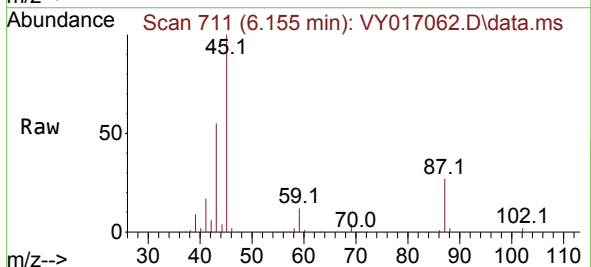
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

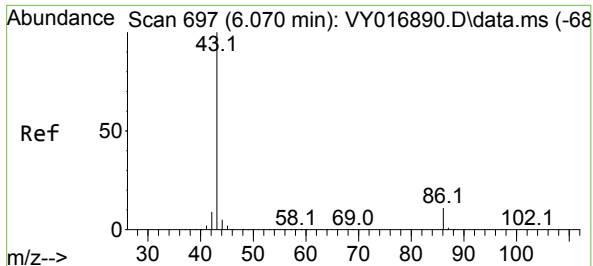
Tgt Ion: 96 Resp: 73748
Ion Ratio Lower Upper
96 100
61 126.8 104.6 156.8
98 60.1 50.9 76.3



#22
Diisopropyl ether
Concen: 45.864 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.024 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 45 Resp: 203052
Ion Ratio Lower Upper
45 100
43 55.1 46.8 70.2
87 27.3 22.2 33.2
59 12.1 9.9 14.9

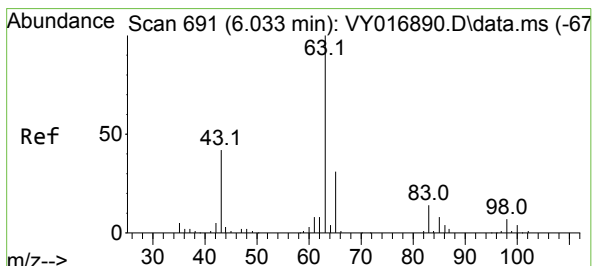
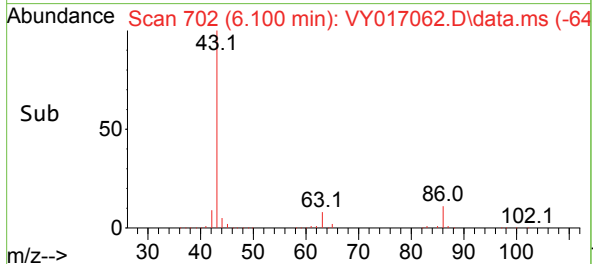
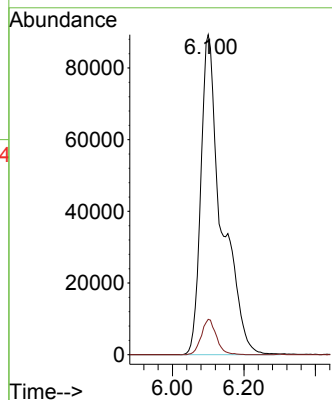
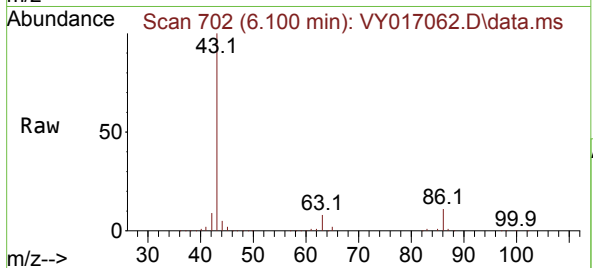




#23
 Vinyl Acetate
 Concen: 177.410 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY017062.D
 Acq: 19 Jan 2024 17:41

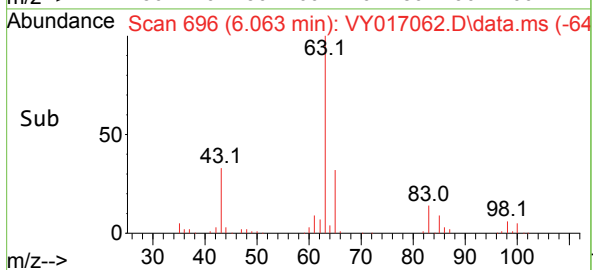
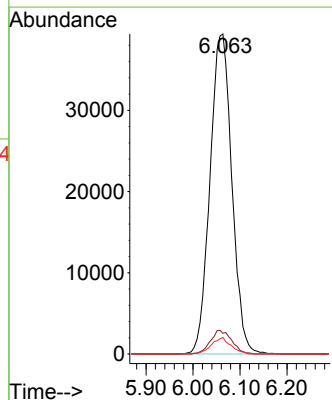
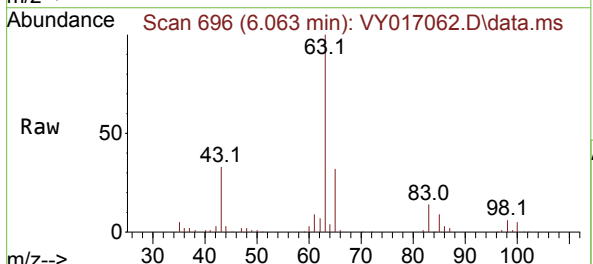
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MSD

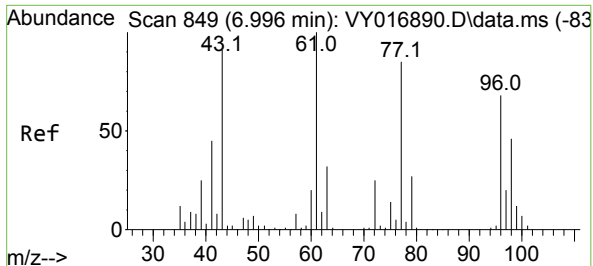
Tgt Ion: 43 Resp: 360142
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 47.844 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.030 min
 Lab File: VY017062.D
 Acq: 19 Jan 2024 17:41

Tgt Ion: 63 Resp: 127289
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 5.2 2.1 6.2





#25

2-Butanone

Concen: 157.004 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

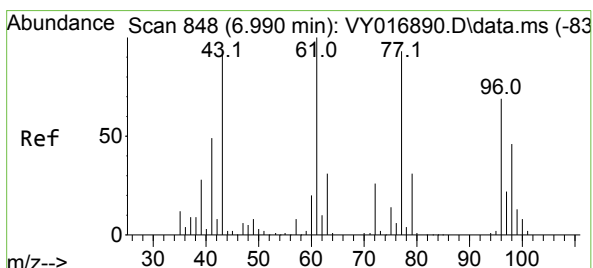
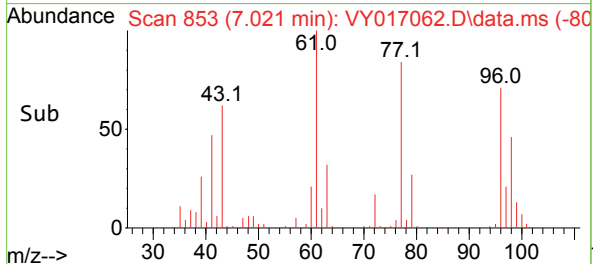
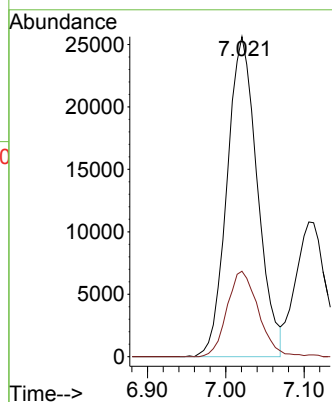
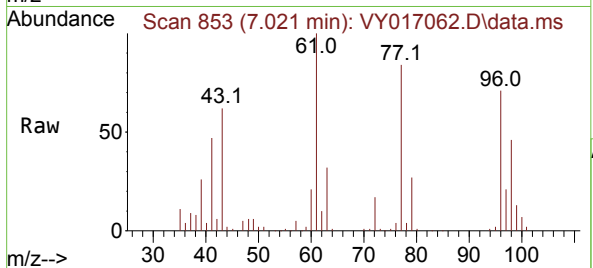
SB-5-19.5-20.0MSD

Tgt Ion: 43 Resp: 68895

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 45.802 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY017062.D

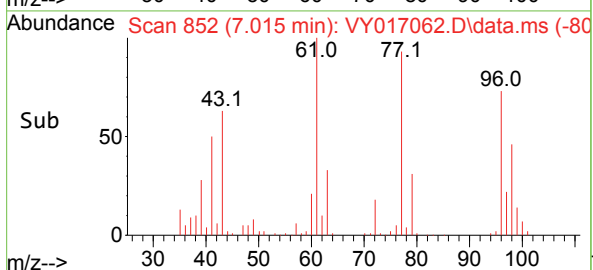
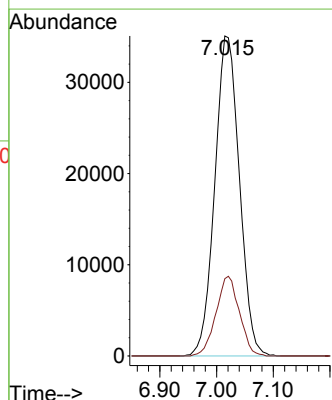
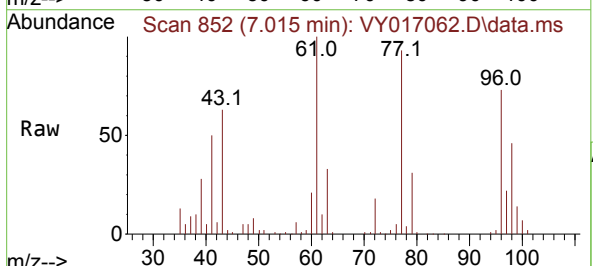
Acq: 19 Jan 2024 17:41

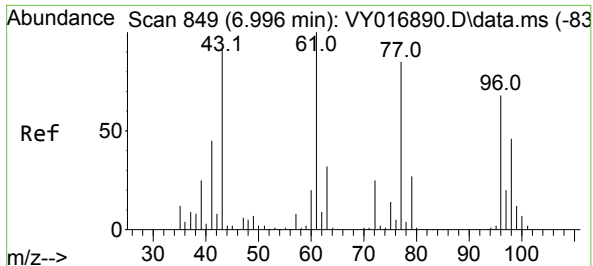
Tgt Ion: 77 Resp: 105653

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.293 ug/l

RT: 7.021 min Scan# 80

Delta R.T. 0.019 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

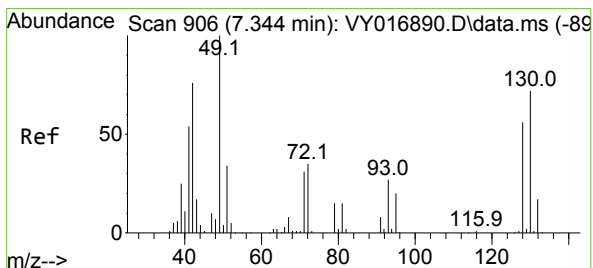
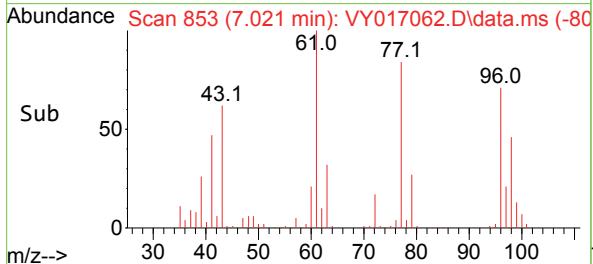
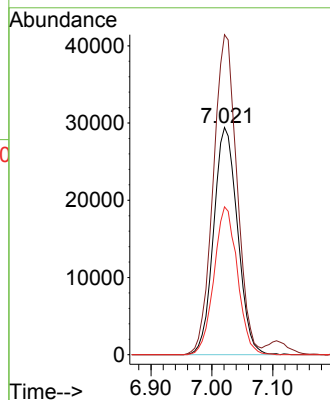
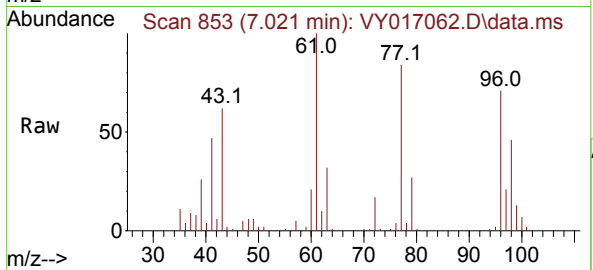
Tgt Ion: 96 Resp: 80165

Ion Ratio Lower Upper

96 100

61 139.8 0.0 278.8

98 63.7 0.0 127.0



#28

Bromochloromethane

Concen: 54.769 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

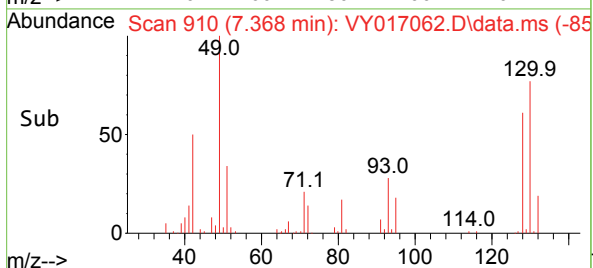
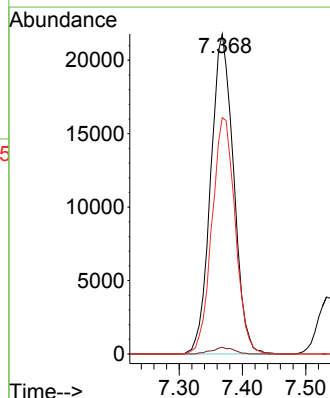
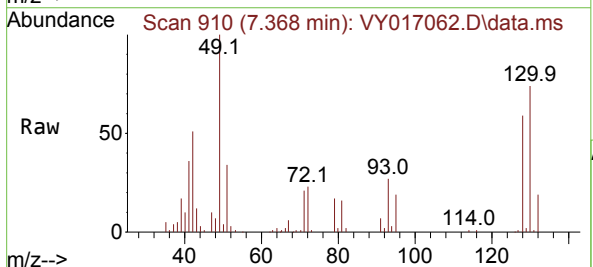
Tgt Ion: 49 Resp: 54703

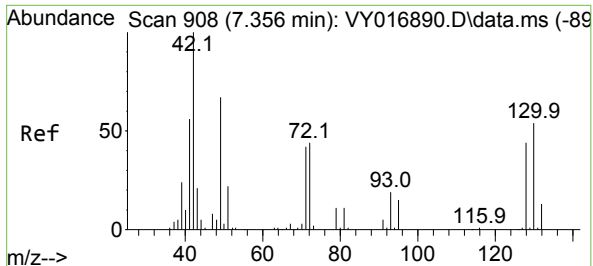
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 74.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 165.308 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

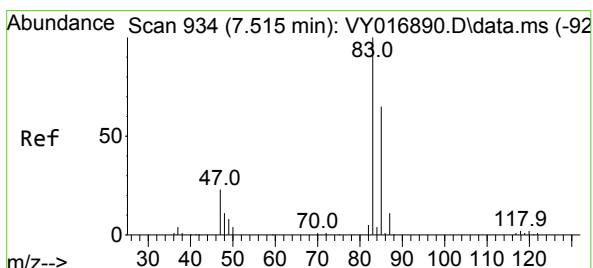
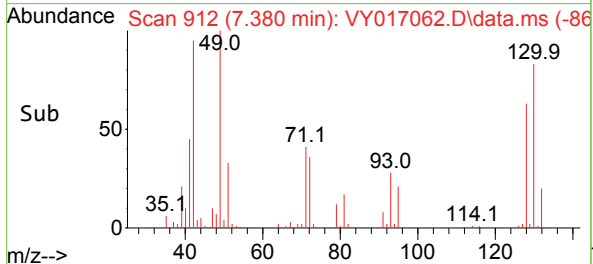
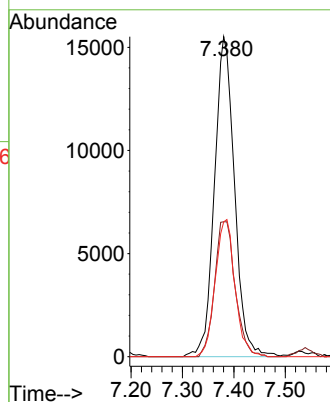
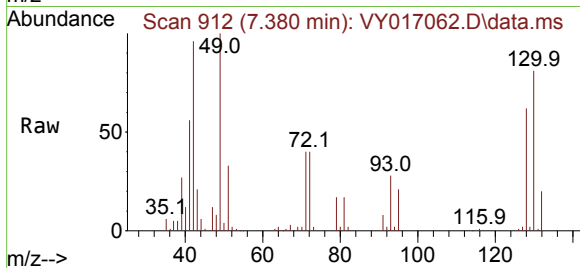
Tgt Ion: 42 Resp: 42056

Ion Ratio Lower Upper

42 100

72 43.4 36.6 54.8

71 42.3 33.8 50.6



#30

Chloroform

Concen: 47.230 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY017062.D

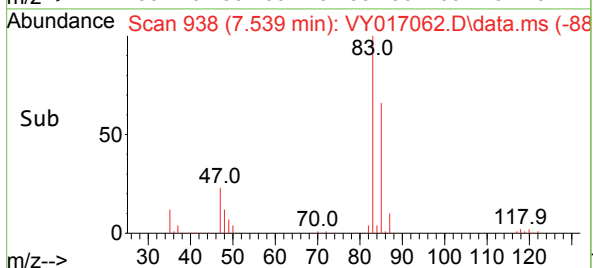
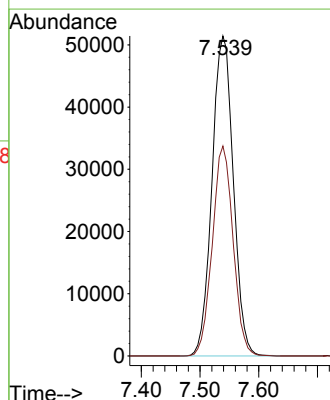
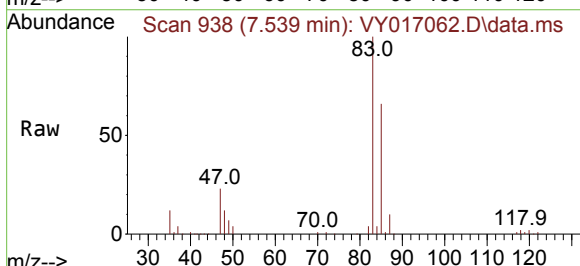
Acq: 19 Jan 2024 17:41

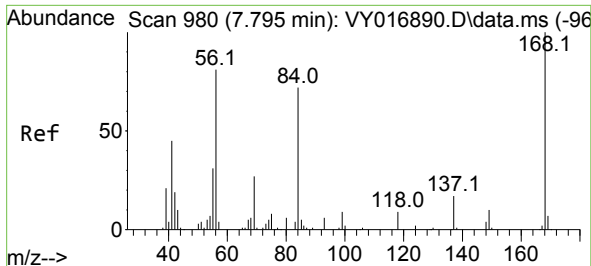
Tgt Ion: 83 Resp: 129489

Ion Ratio Lower Upper

83 100

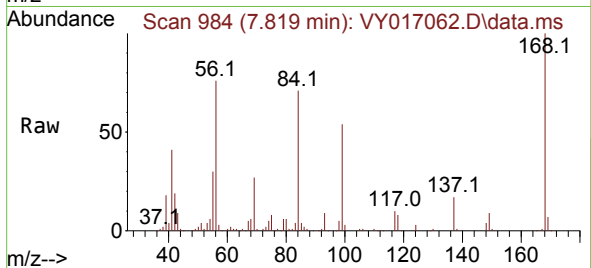
85 65.6 51.2 76.8



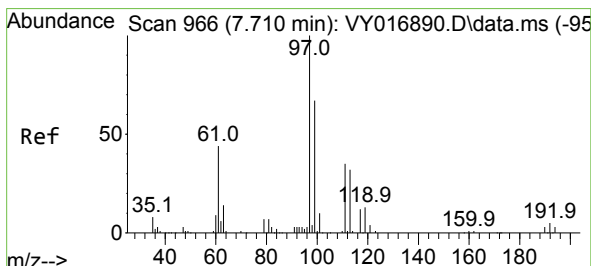
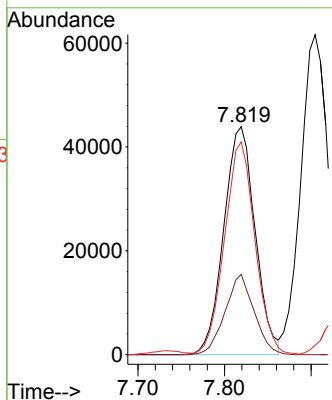
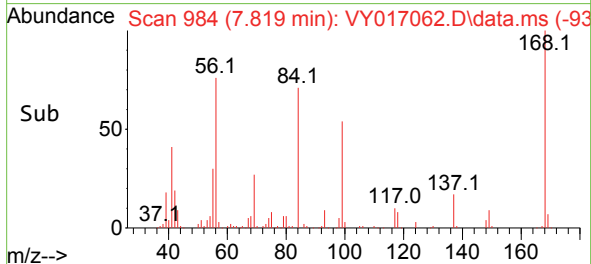


#31
Cyclohexane
Concen: 51.180 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

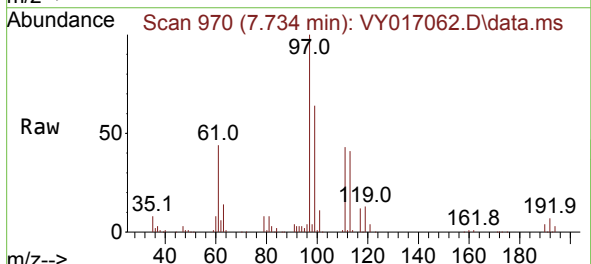
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD



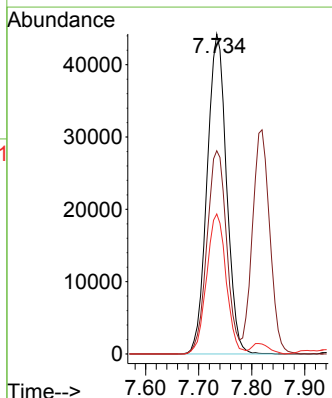
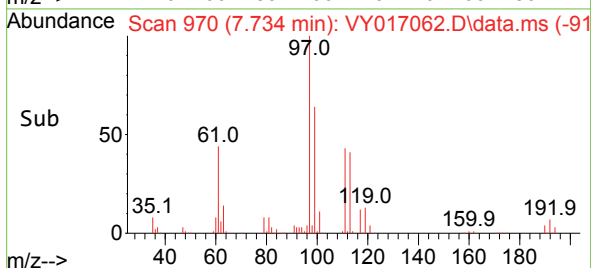
Tgt Ion: 56 Resp: 110416
Ion Ratio Lower Upper
56 100
69 35.3 27.0 40.6
84 91.9 71.8 107.6

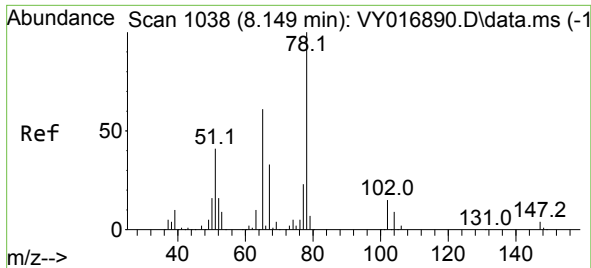


#32
1,1,1-Trichloroethane
Concen: 48.403 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41



Tgt Ion: 97 Resp: 112521
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 44.1 35.0 52.6

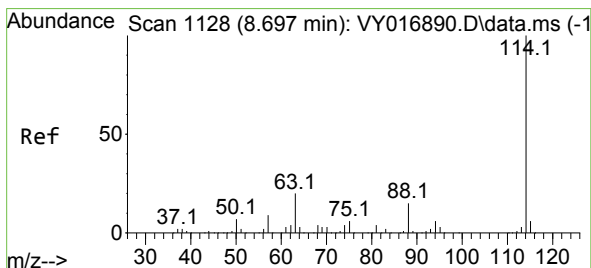
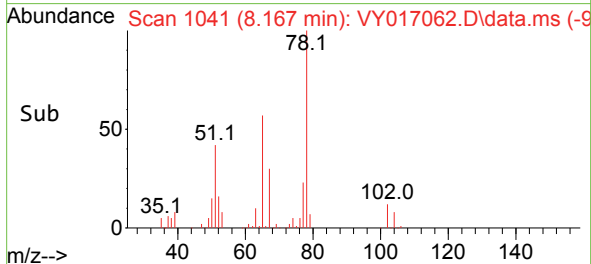
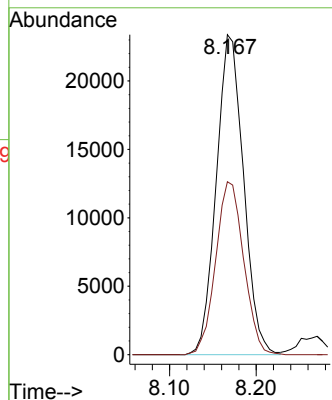
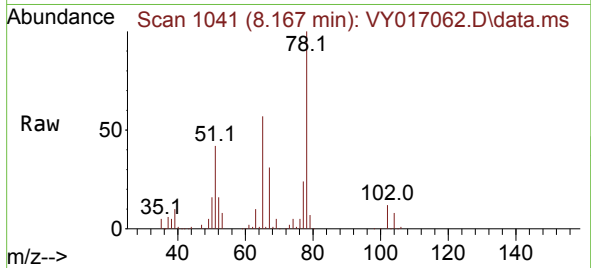




#33
 1,2-Dichloroethane-d4
 Concen: 40.626 ug/l
 RT: 8.167 min Scan# 11066
 Delta R.T. 0.012 min
 Lab File: VY017062.D
 Acq: 19 Jan 2024 17:41

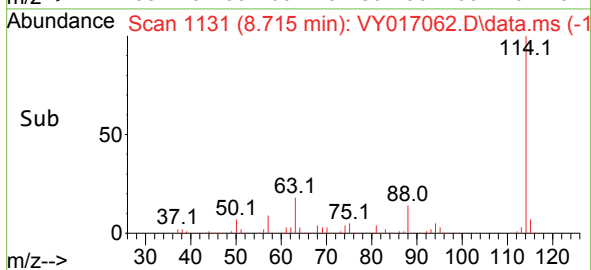
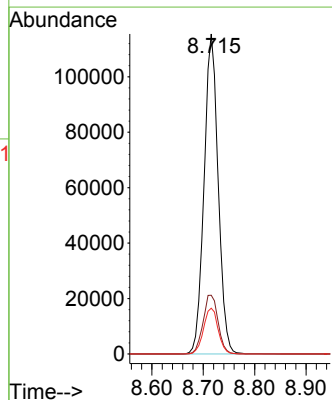
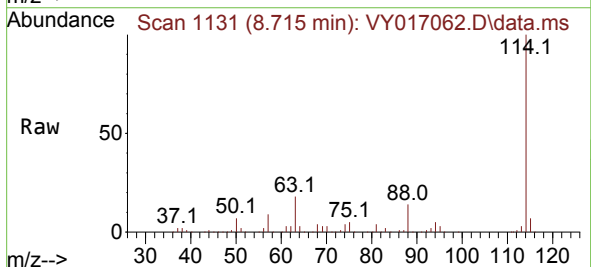
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MSD

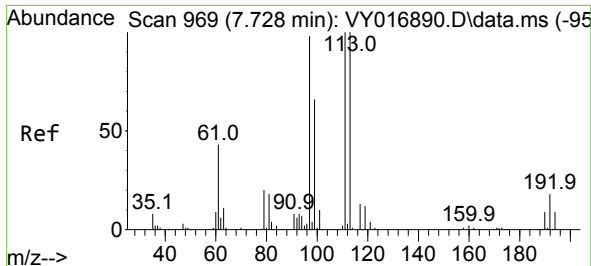
Tgt Ion: 65 Resp: 51066
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.715 min Scan# 1131
 Delta R.T. 0.012 min
 Lab File: VY017062.D
 Acq: 19 Jan 2024 17:41

Tgt Ion: 114 Resp: 219490
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.4
 88 14.3 0.0 29.0

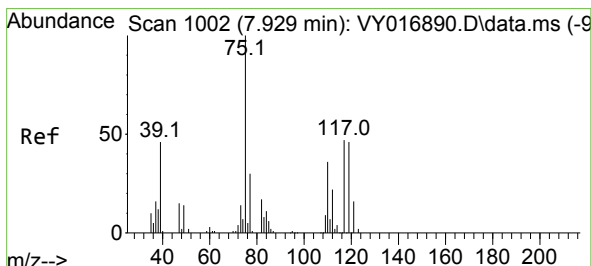
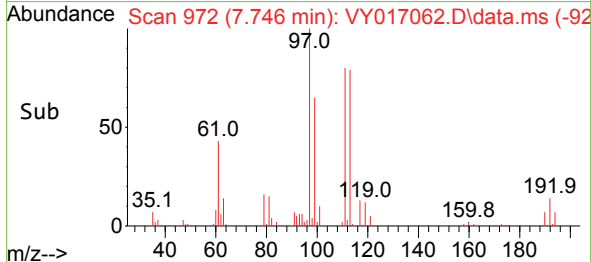
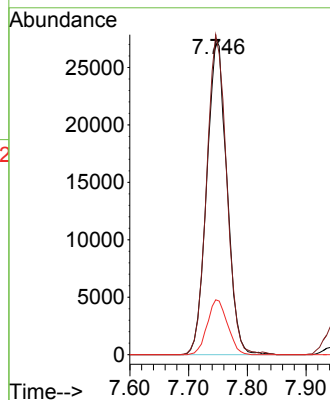
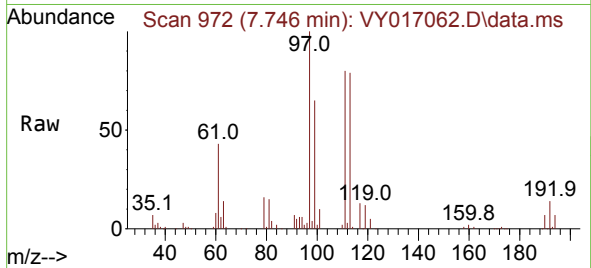




#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

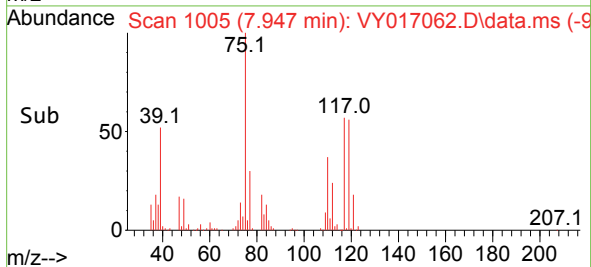
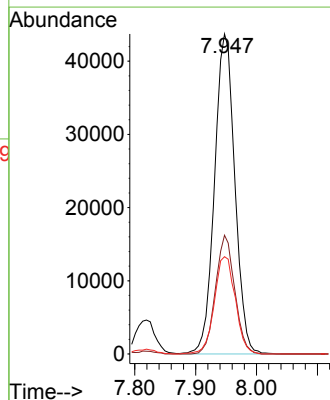
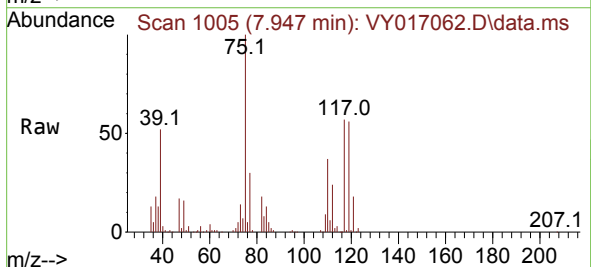
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

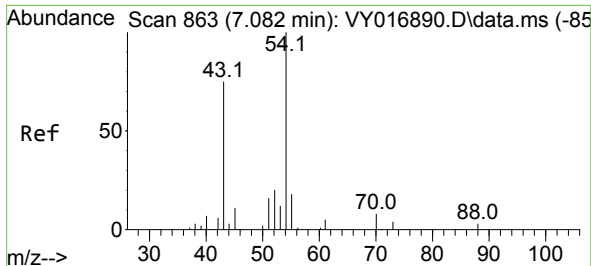
Tgt Ion:113 Resp: 65202
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 49.632 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 75 Resp: 101169
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 32.764 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

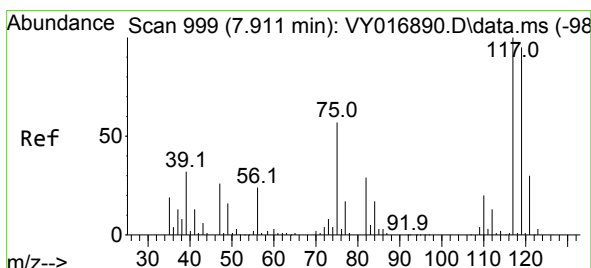
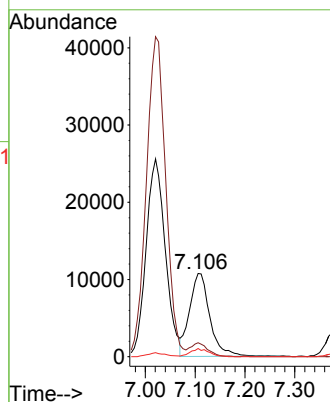
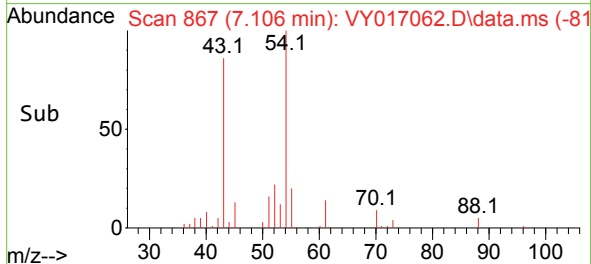
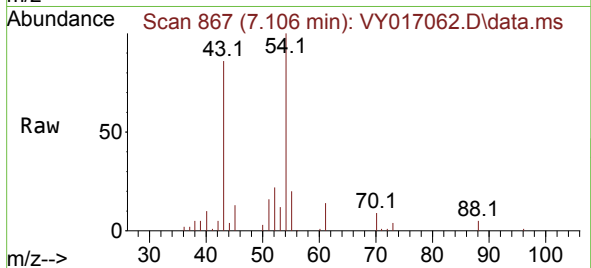
Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

Tgt Ion: 43	Resp:	30350
Ion	Ratio	Lower Upper
43	100	
61	14.3	11.0 16.6
70	8.8	8.1 12.1



#38

Carbon Tetrachloride

Concen: 47.228 ug/l

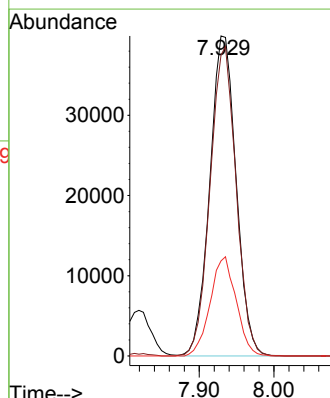
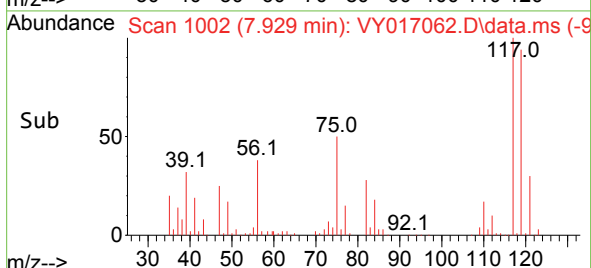
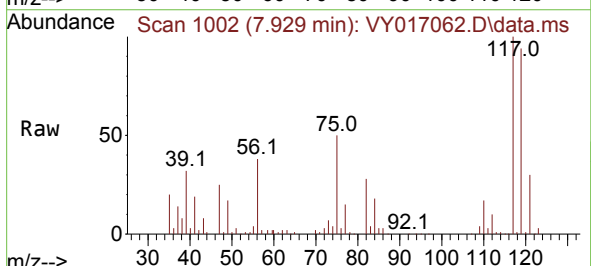
RT: 7.929 min Scan# 1002

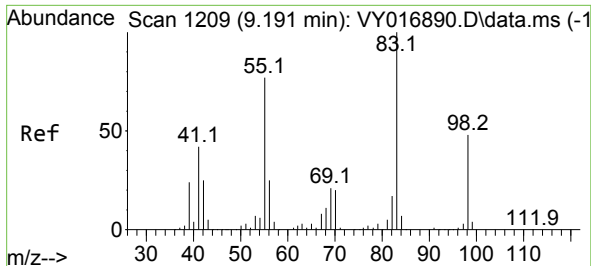
Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Tgt Ion: 117	Resp:	97808
Ion	Ratio	Lower Upper
117	100	
119	93.8	76.0 114.0
121	29.7	24.2 36.2





#39

Methylcyclohexane

Concen: 52.079 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

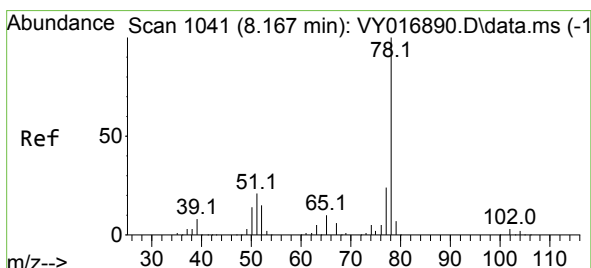
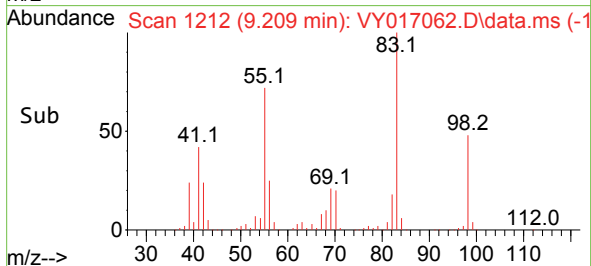
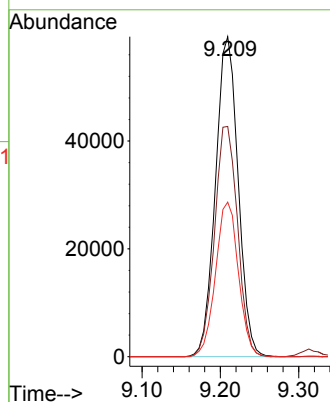
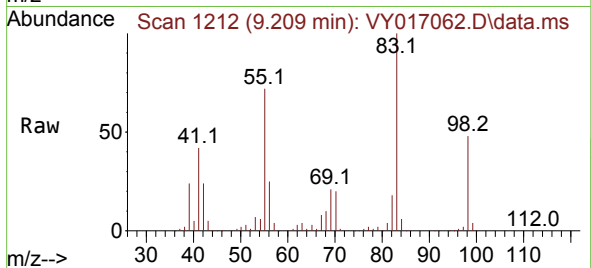
Tgt Ion: 83 Resp: 119340

Ion Ratio Lower Upper

83 100

55 72.0 59.7 89.5

98 48.3 38.0 57.0



#40

Benzene

Concen: 48.912 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY017062.D

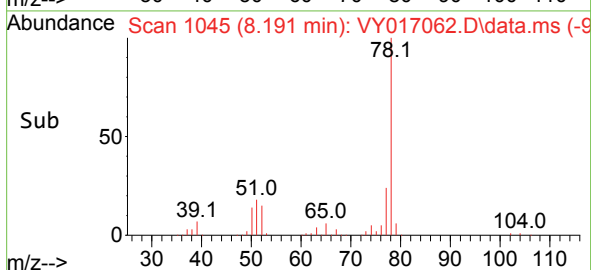
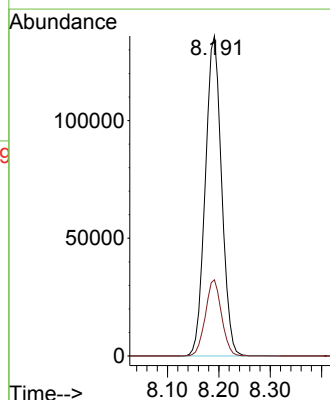
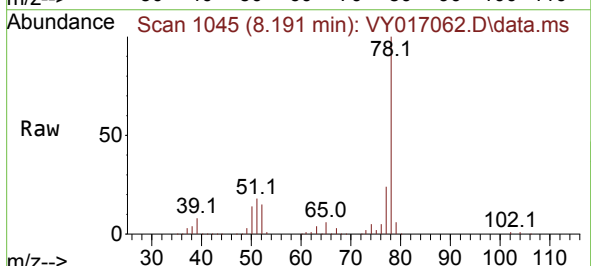
Acq: 19 Jan 2024 17:41

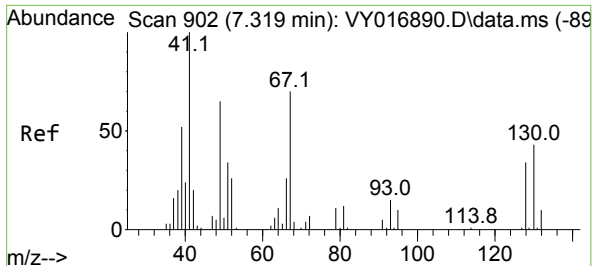
Tgt Ion: 78 Resp: 299080

Ion Ratio Lower Upper

78 100

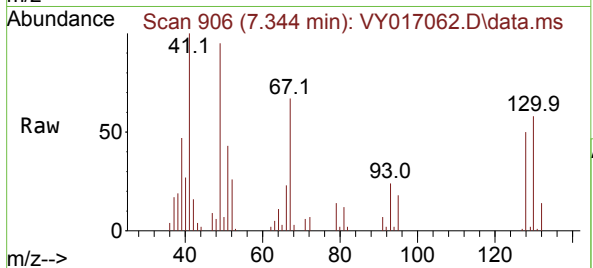
77 23.8 18.8 28.2





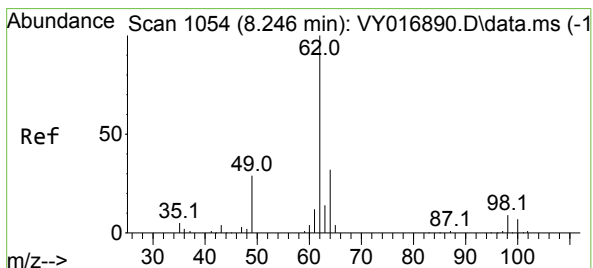
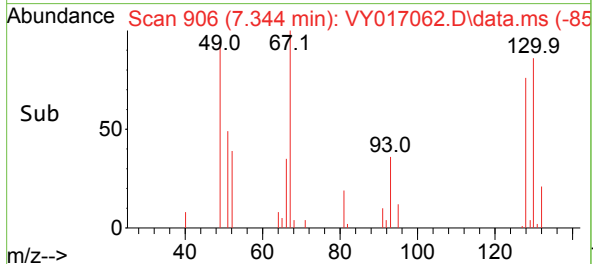
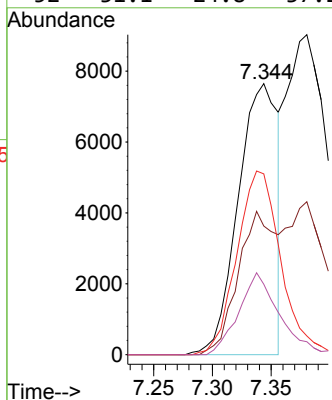
#41
Methacrylonitrile
Concen: 36.791 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD



Tgt Ion: 41 Resp: 17949

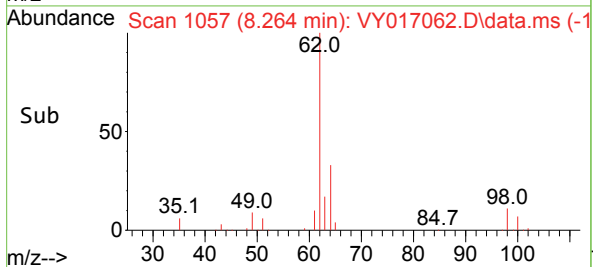
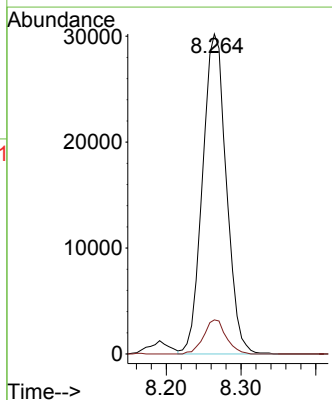
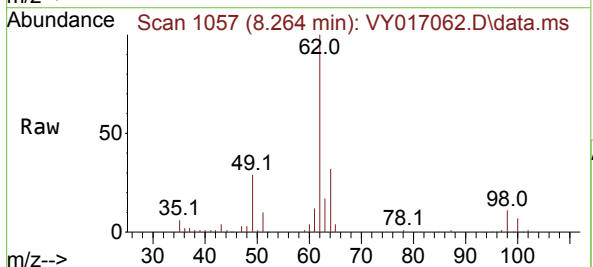
Ion	Ratio	Lower	Upper
41	100		
39	50.7	41.9	62.9
67	75.5	59.8	89.6
52	31.1	24.8	37.2

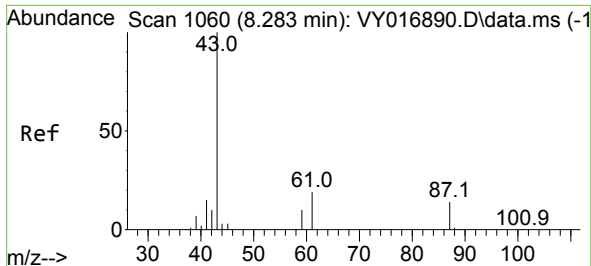


#42
1,2-Dichloroethane
Concen: 41.163 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 62 Resp: 66820

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

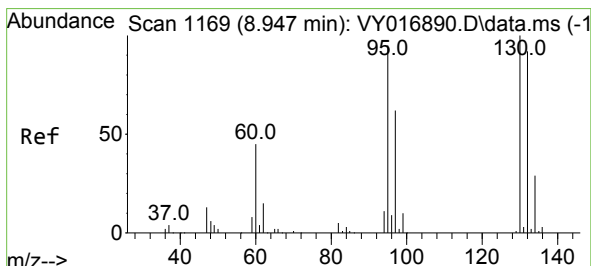
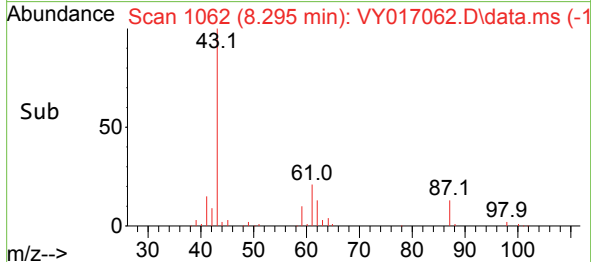
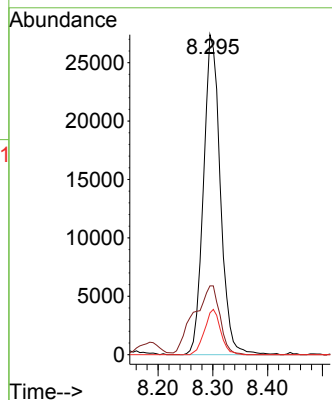
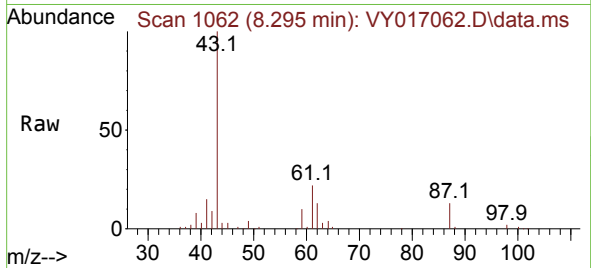




#43
Isopropyl Acetate
Concen: 32.878 ug/l
RT: 8.295 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

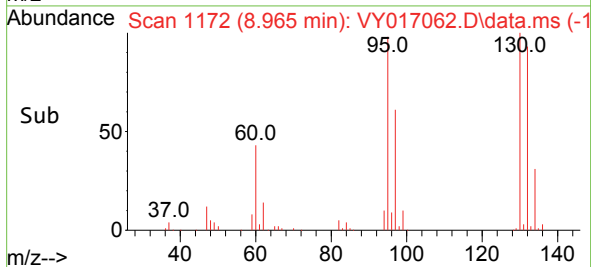
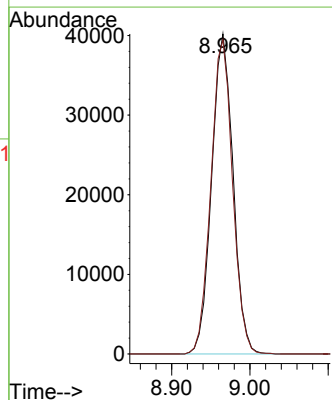
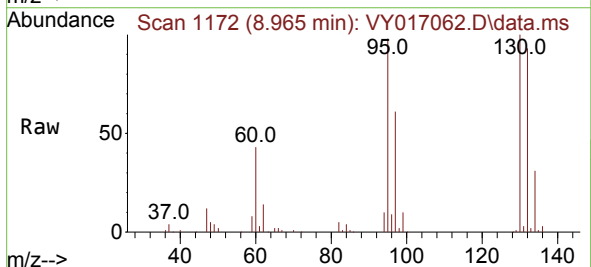
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

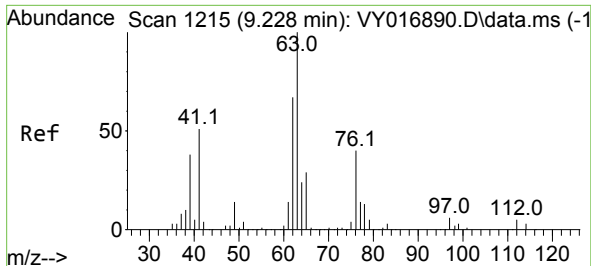
Tgt Ion: 43 Resp: 58321
Ion Ratio Lower Upper
43 100
61 33.2 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 49.036 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion:130 Resp: 76297
Ion Ratio Lower Upper
130 100
95 98.2 0.0 203.8

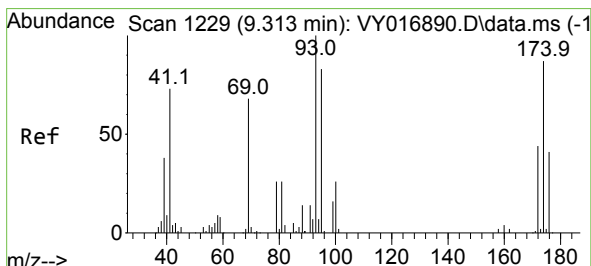
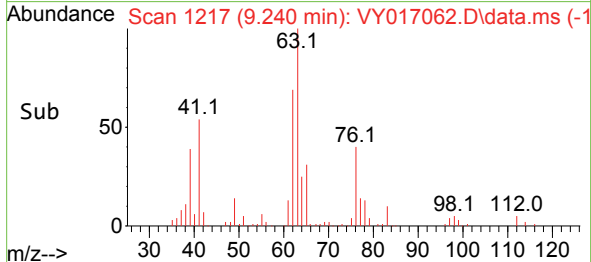
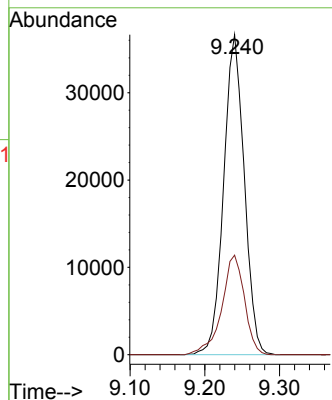
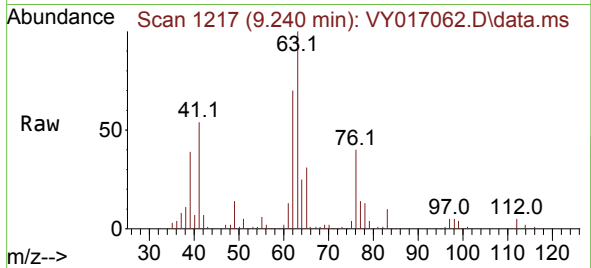




#45
1,2-Dichloropropane
Concen: 44.567 ug/l
RT: 9.240 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

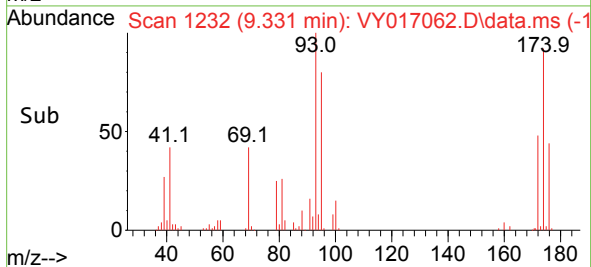
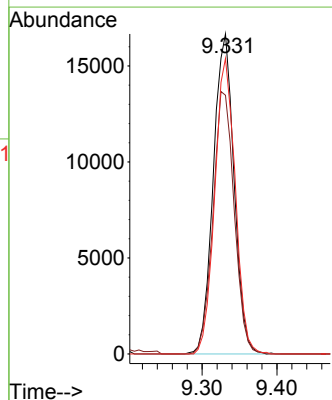
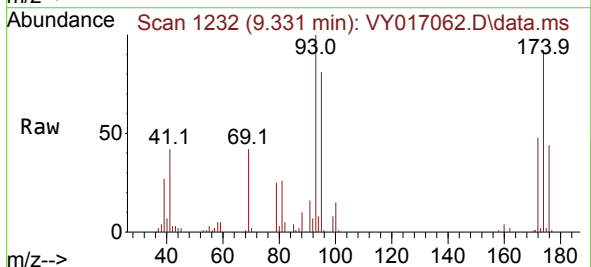
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

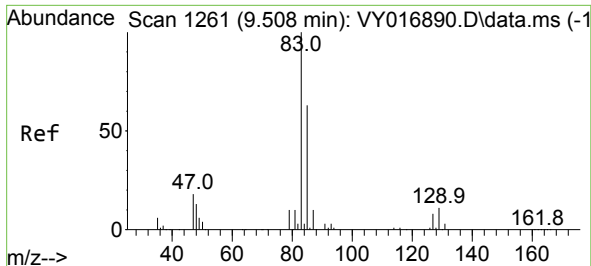
Tgt Ion: 63 Resp: 70205
Ion Ratio Lower Upper
63 100
65 31.1 24.6 36.8



#46
Dibromomethane
Concen: 40.022 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 93 Resp: 32154
Ion Ratio Lower Upper
93 100
95 83.8 66.6 99.8
174 91.1 73.8 110.6

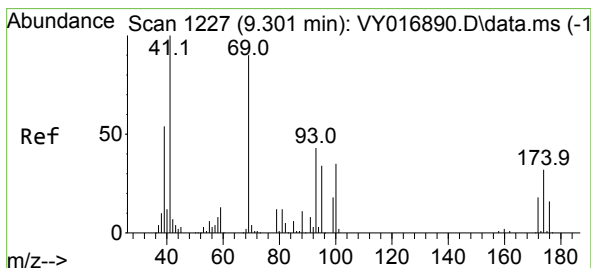
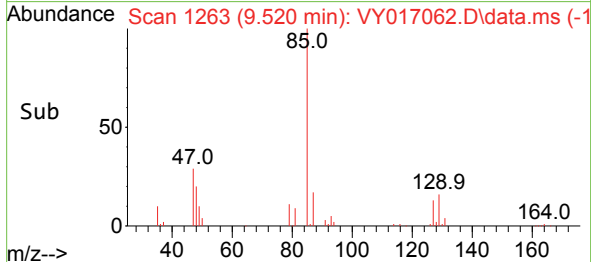
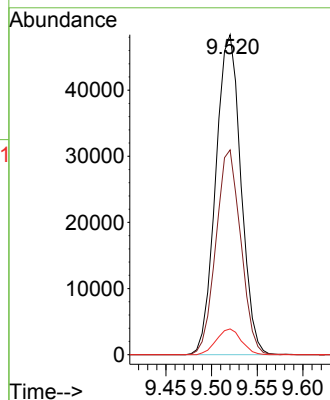
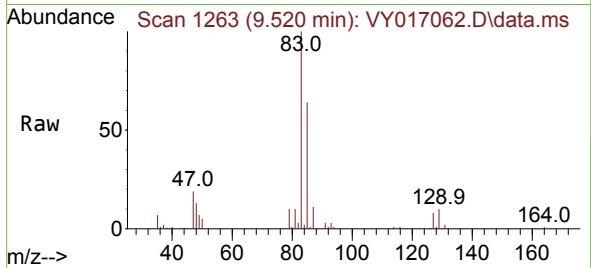




#47
Bromodichloromethane
Concen: 42.948 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

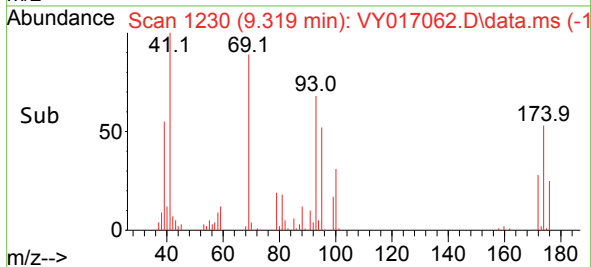
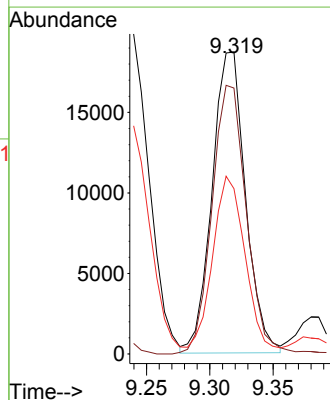
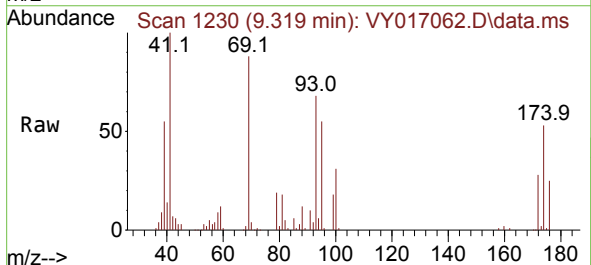
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

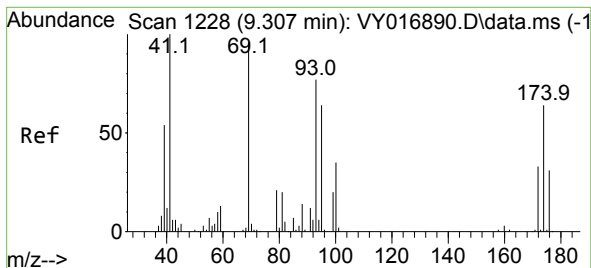
Tgt Ion: 83 Resp: 92655
Ion Ratio Lower Upper
83 100
85 64.0 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 35.863 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 41 Resp: 34332
Ion Ratio Lower Upper
41 100
69 92.2 72.1 108.1
39 54.0 42.8 64.2





#49

1,4-Dioxane

Concen: 617.893 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

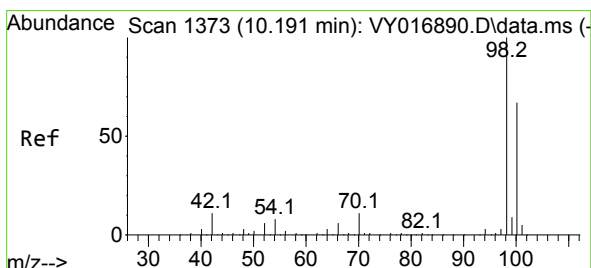
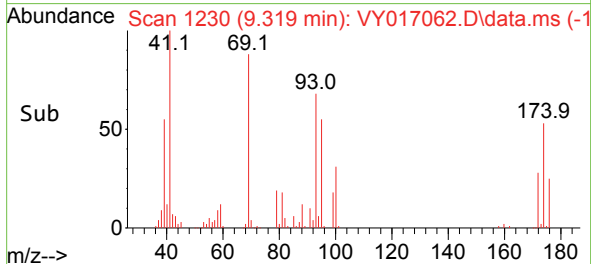
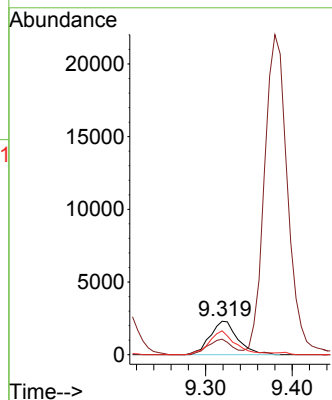
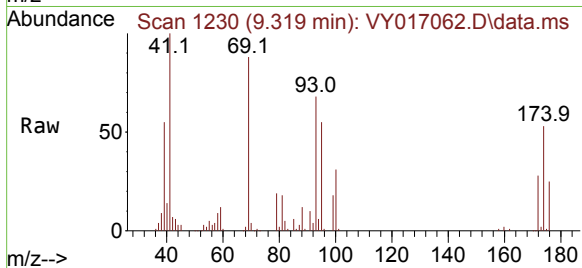
Tgt Ion: 88 Resp: 5140

Ion Ratio Lower Upper

88 100

43 40.8 28.2 42.4

58 67.9 52.2 78.2



#50

Toluene-d8

Concen: 45.062 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017062.D

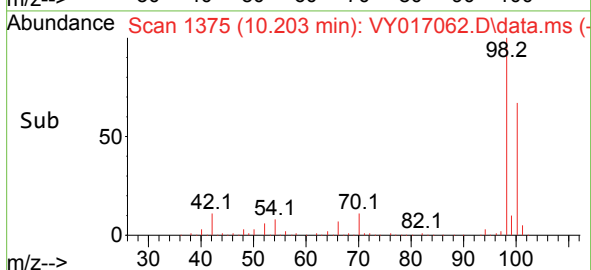
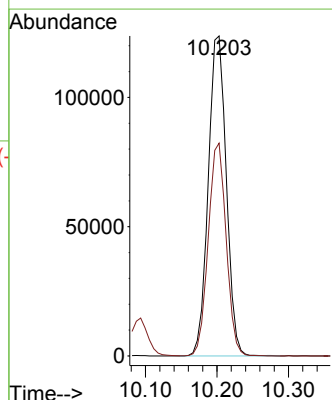
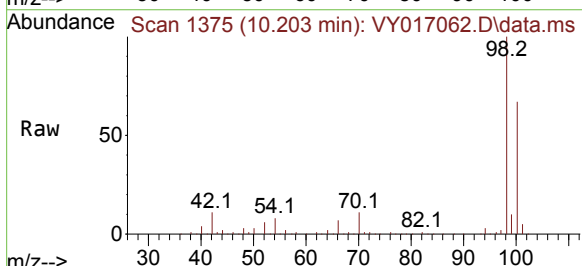
Acq: 19 Jan 2024 17:41

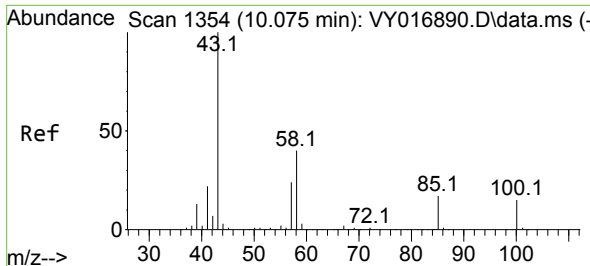
Tgt Ion: 98 Resp: 217034

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5

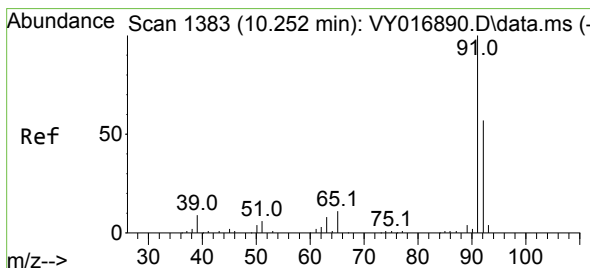
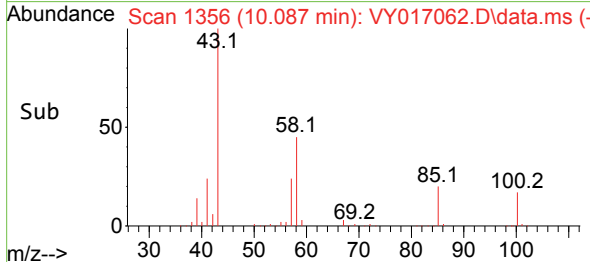
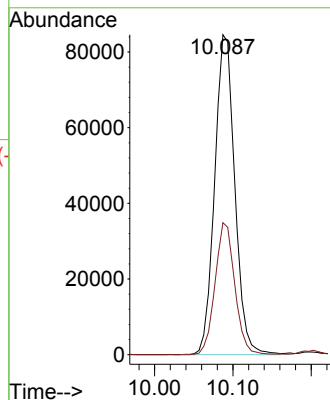
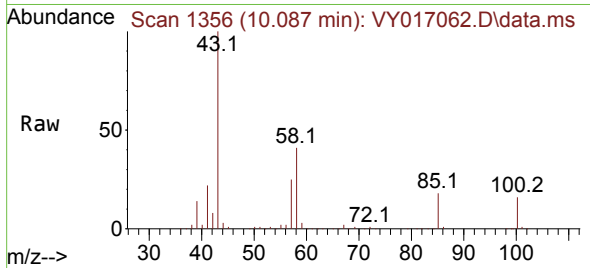




#51
4-Methyl-2-Pentanone
Concen: 160.395 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

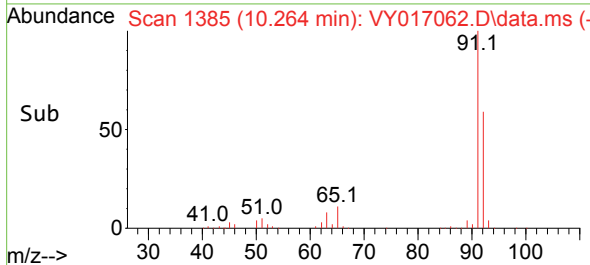
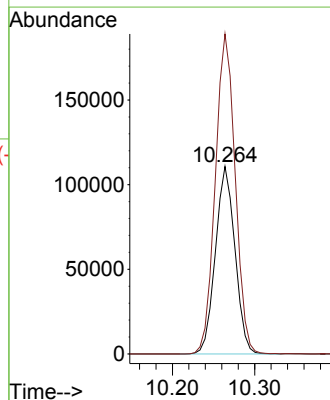
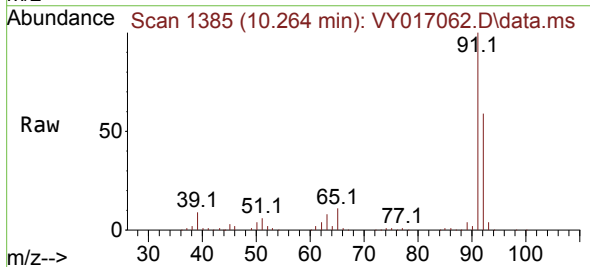
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

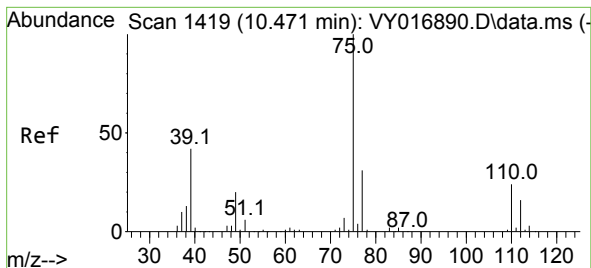
Tgt Ion: 43 Resp: 151314
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.2



#52
Toluene
Concen: 49.504 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 92 Resp: 182681
Ion Ratio Lower Upper
92 100
91 174.2 137.6 206.4

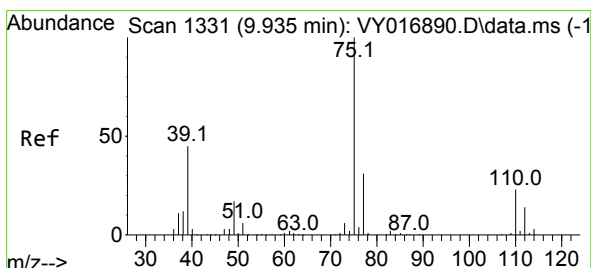
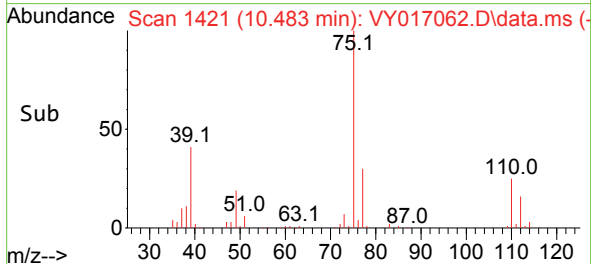
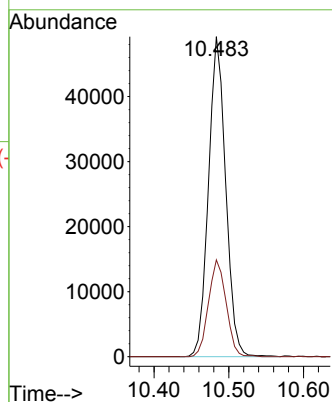
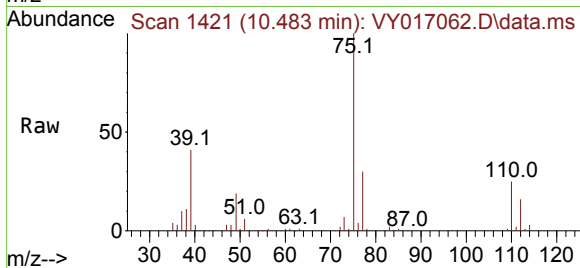




#53
 t-1,3-Dichloropropene
 Concen: 40.634 ug/l
 RT: 10.483 min Scan# 1419
 Delta R.T. 0.012 min
 Lab File: VY017062.D
 Acq: 19 Jan 2024 17:41

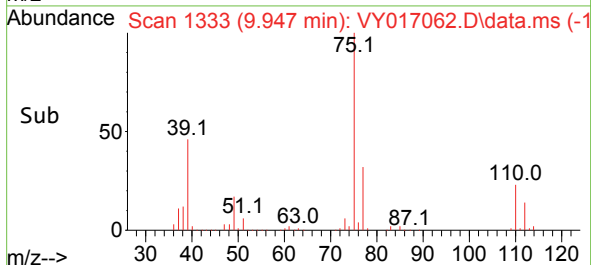
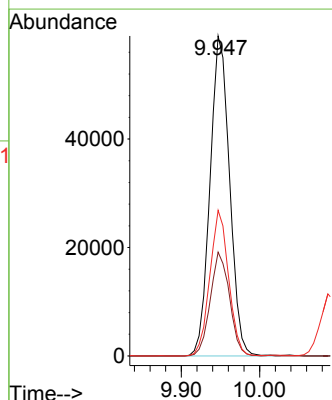
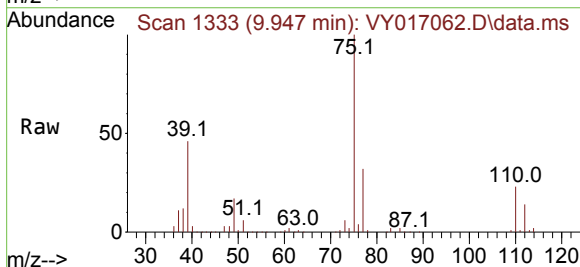
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MSD

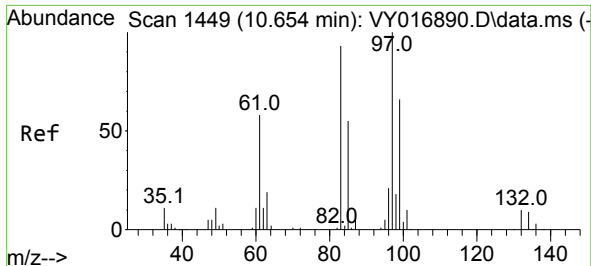
Tgt Ion: 75 Resp: 78522
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 44.099 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017062.D
 Acq: 19 Jan 2024 17:41

Tgt Ion: 75 Resp: 102341
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8
 39 45.5 33.6 50.4

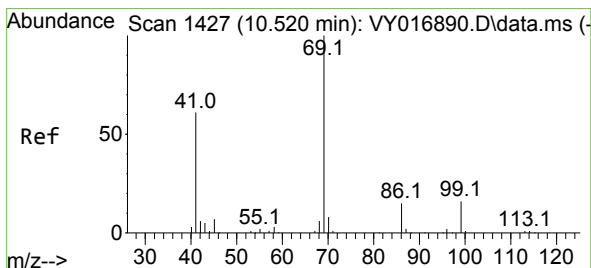
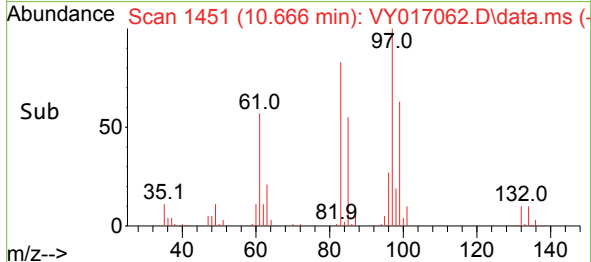
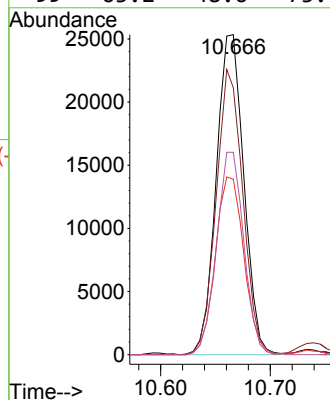
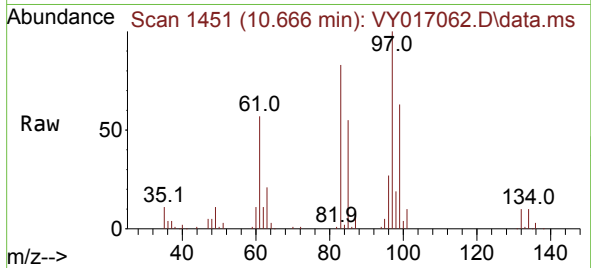




#55
1,1,2-Trichloroethane
Concen: 37.772 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

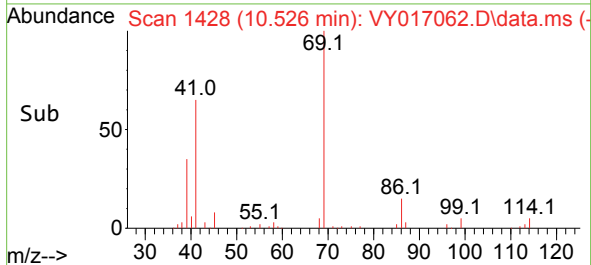
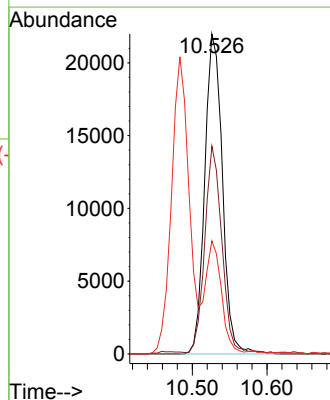
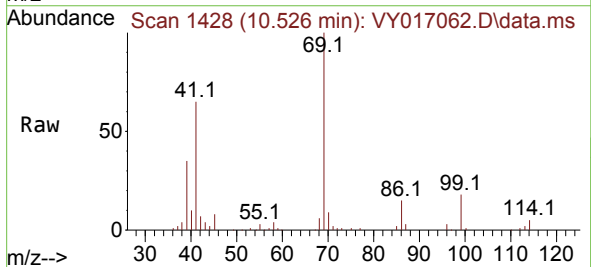
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

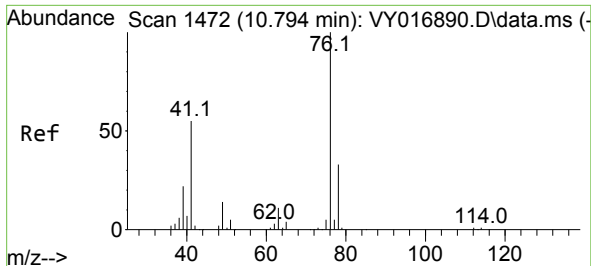
Tgt Ion: 97	Resp: 44333
Ion Ratio	Lower Upper
97 100	
83 83.4	69.4 104.2
85 54.8	43.9 65.9
99 63.2	48.6 73.0



#56
Ethyl methacrylate
Concen: 36.339 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 69	Resp: 36126
Ion Ratio	Lower Upper
69 100	
41 62.2	49.2 73.8
39 31.6	26.8 40.2

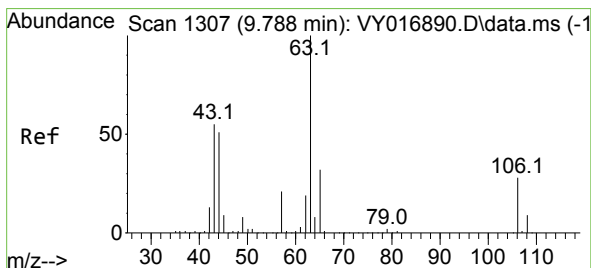
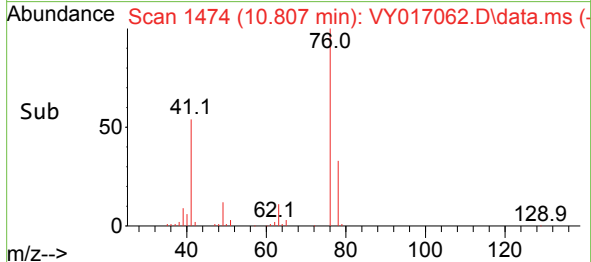
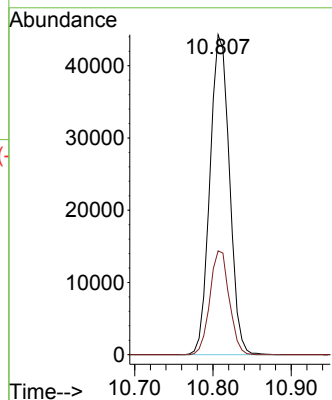
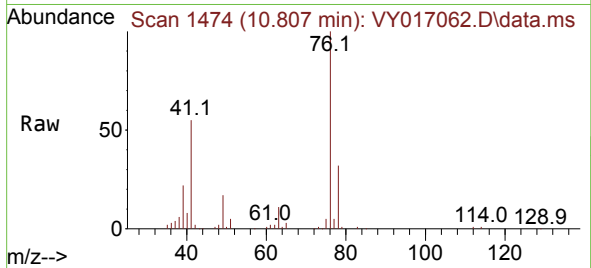




#57
1,3-Dichloropropane
Concen: 39.134 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

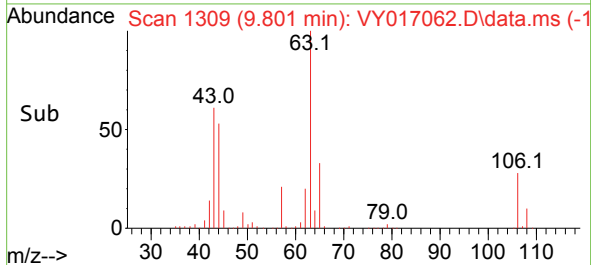
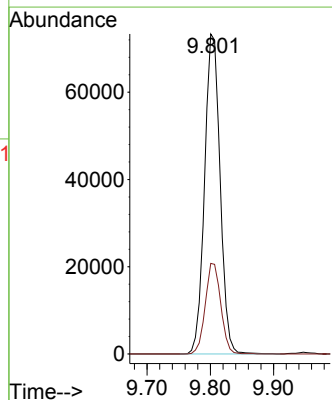
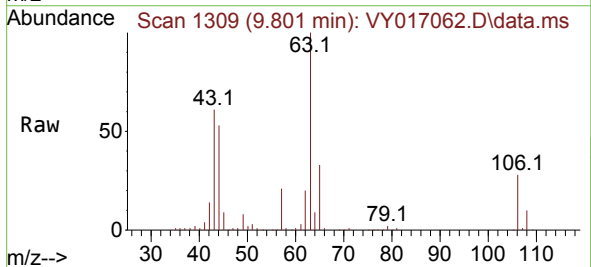
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

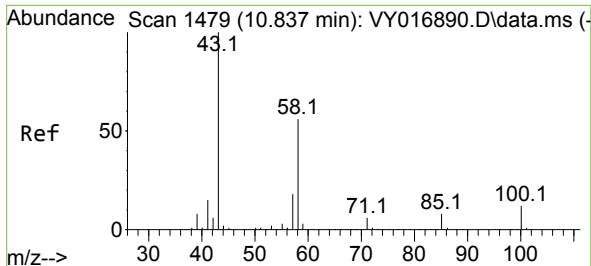
Tgt Ion: 76 Resp: 76688
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 204.416 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 63 Resp: 125738
Ion Ratio Lower Upper
63 100
106 28.2 22.4 33.6

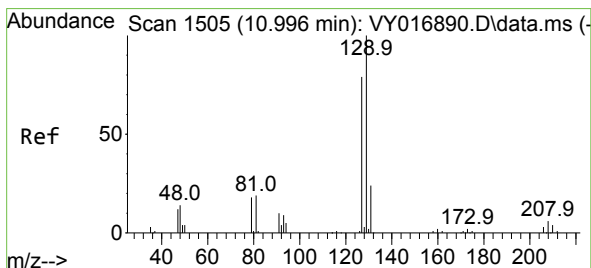
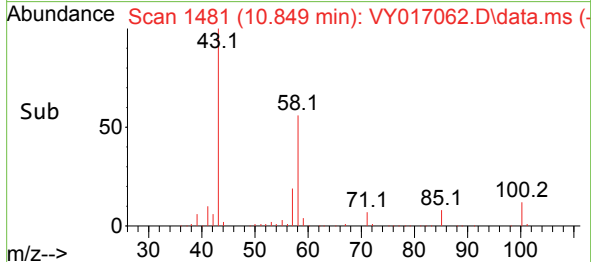
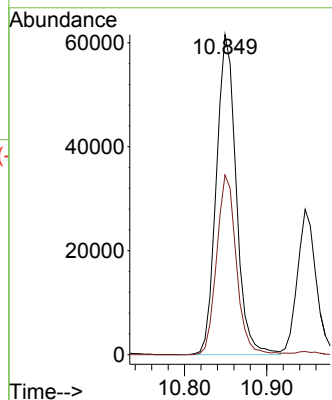
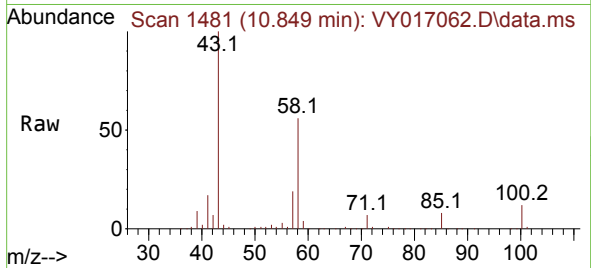




#59
2-Hexanone
Concen: 148.553 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

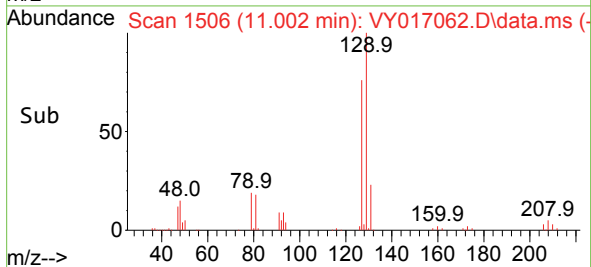
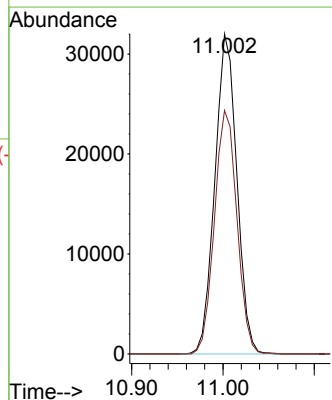
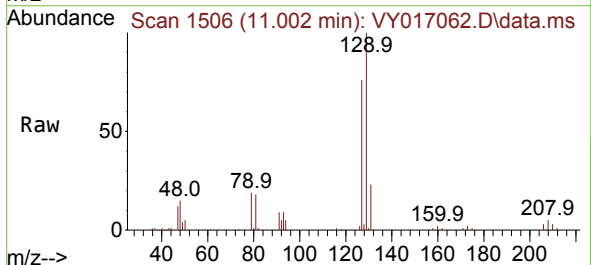
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

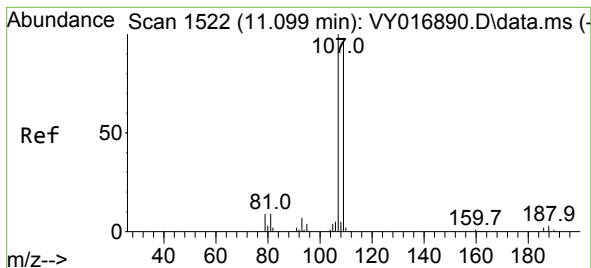
Tgt Ion: 43 Resp: 103191
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 39.559 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 129 Resp: 53544
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 38.280 ug/l

RT: 11.105 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

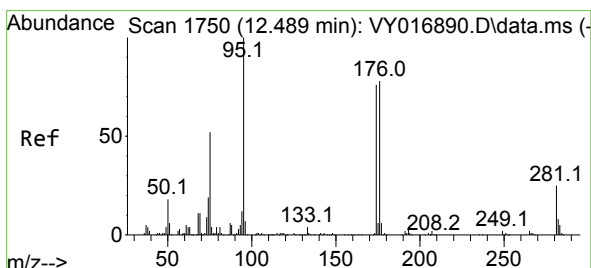
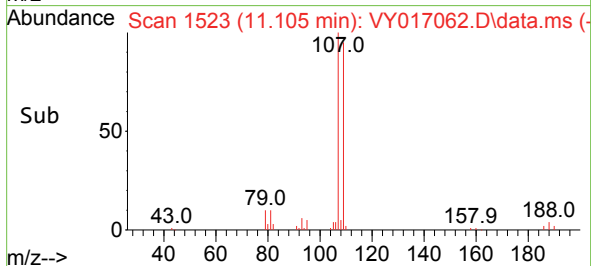
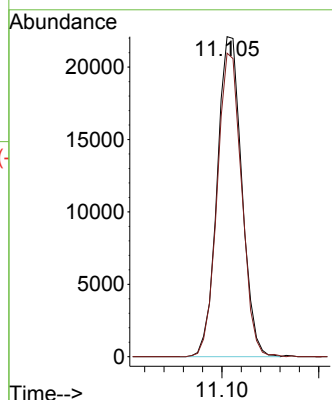
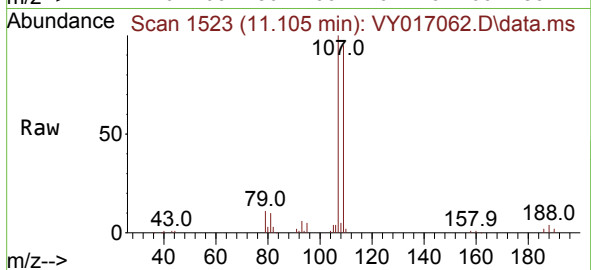
SB-5-19.5-20.0MSD

Tgt Ion:107 Resp: 39036

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 43.940 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

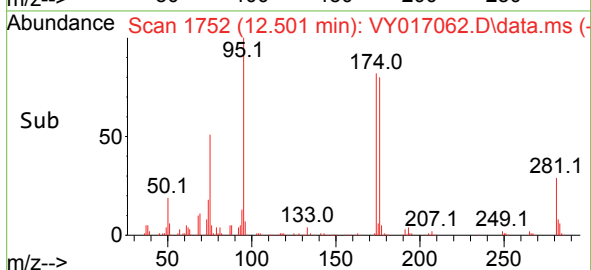
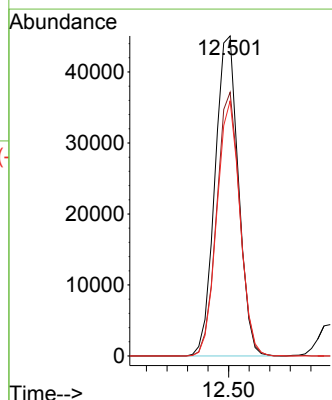
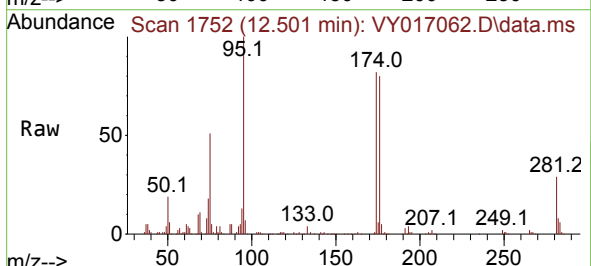
Tgt Ion: 95 Resp: 71402

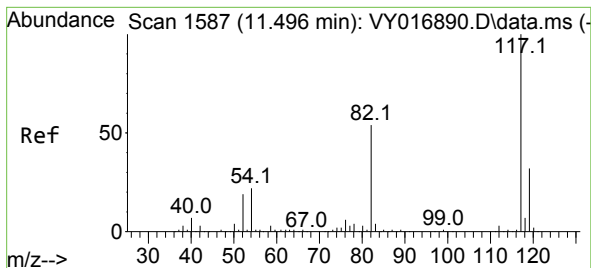
Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.0

176 78.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

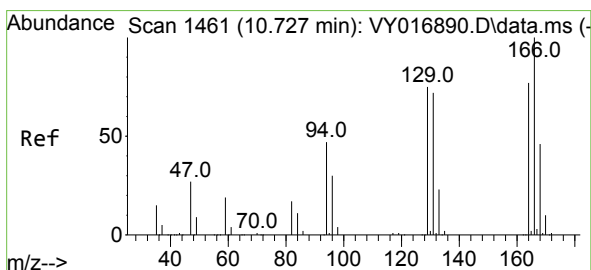
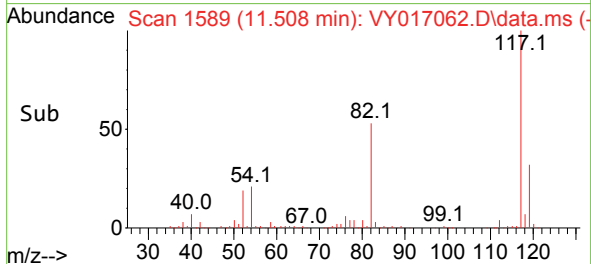
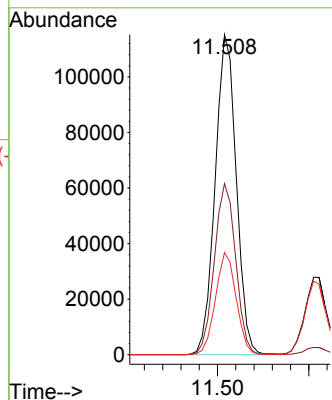
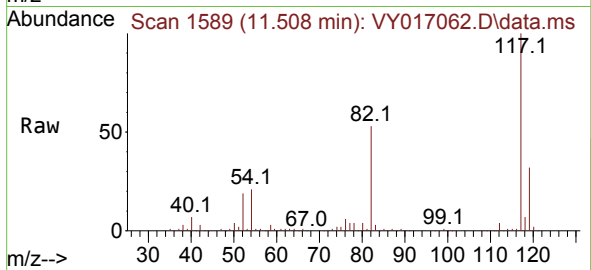
Tgt Ion:117 Resp: 185062

Ion Ratio Lower Upper

117 100

82 53.4 43.8 65.8

119 31.9 26.5 39.7



#64

Tetrachloroethene

Concen: 49.253 ug/l

RT: 10.739 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Tgt Ion:164 Resp: 59093

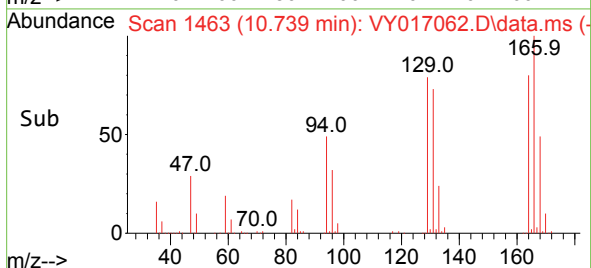
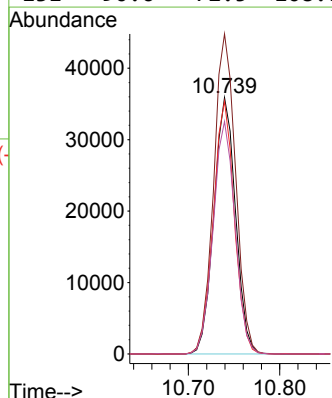
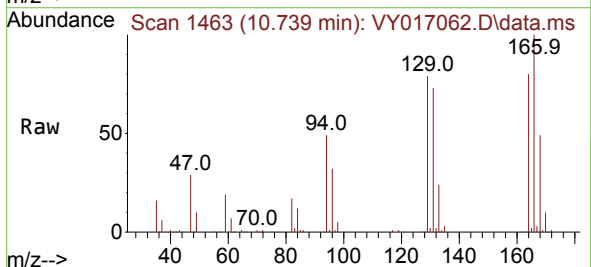
Ion Ratio Lower Upper

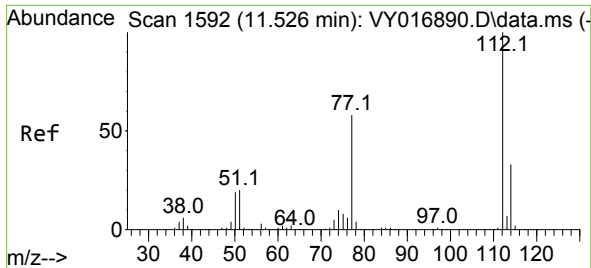
164 100

166 124.8 98.8 148.2

129 98.6 78.9 118.3

131 90.6 72.5 108.7

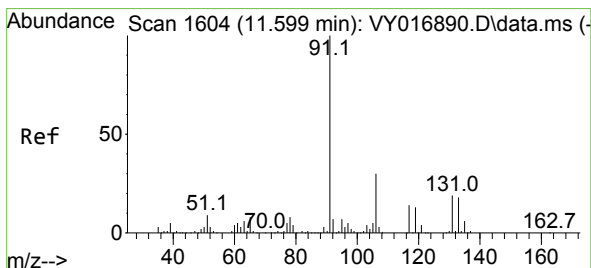
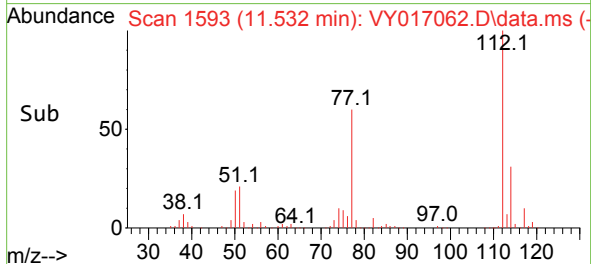
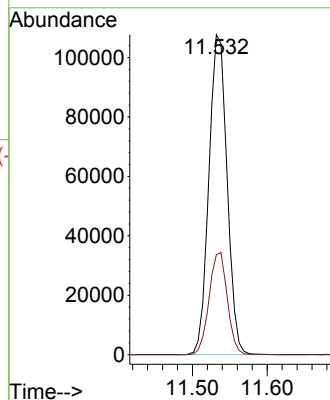
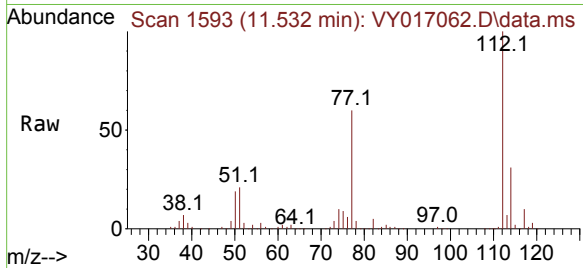




#65
Chlorobenzene
Concen: 47.151 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

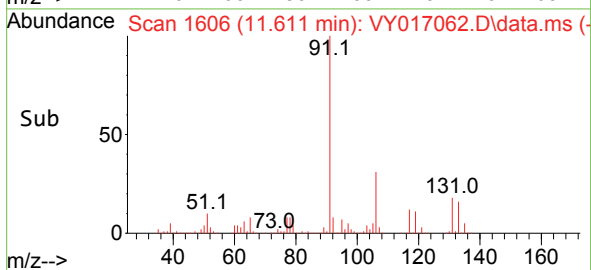
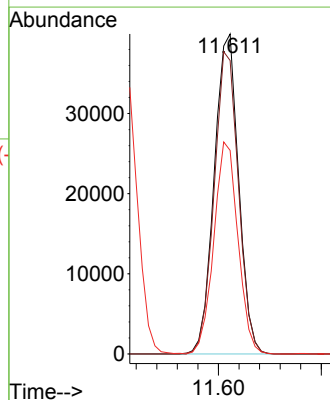
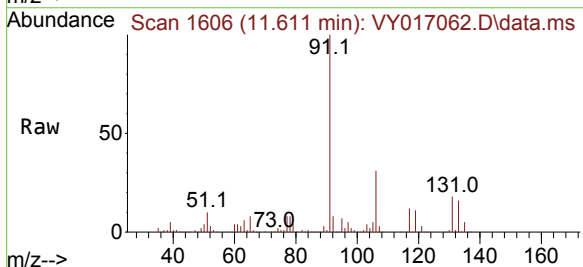
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

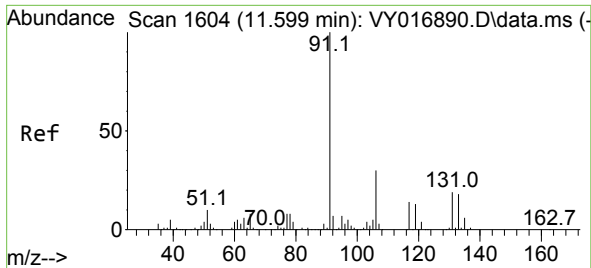
Tgt Ion:112 Resp: 181775
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 44.795 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion:131 Resp: 65647
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.0
119 65.6 33.3 99.9

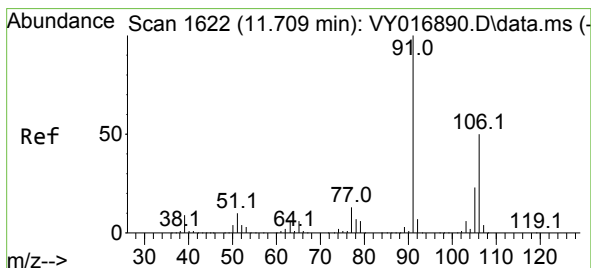
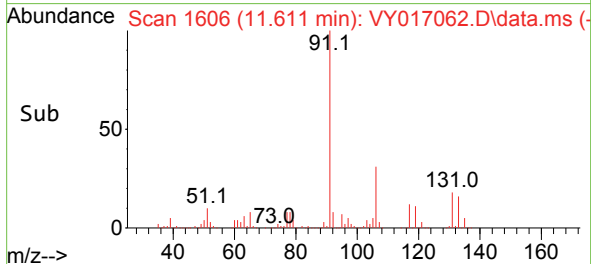
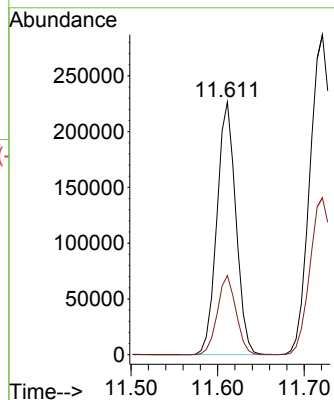
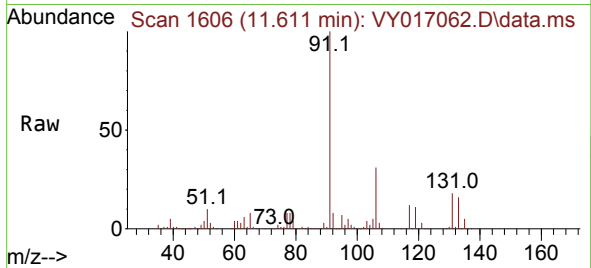




#67
Ethyl Benzene
Concen: 49.587 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

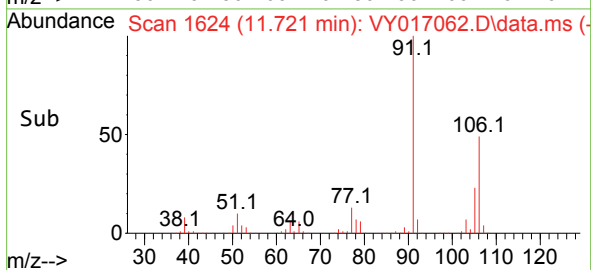
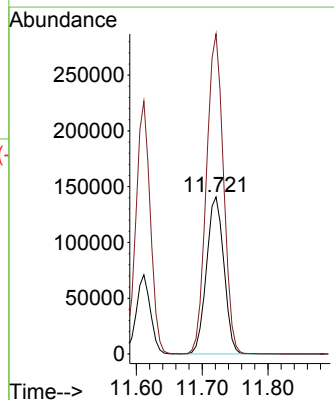
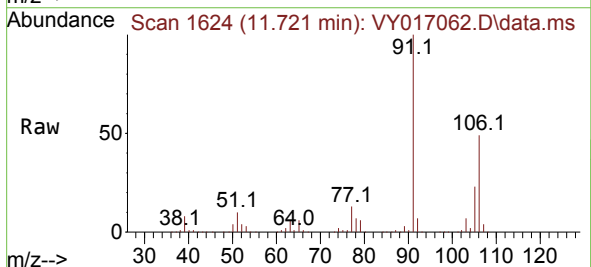
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

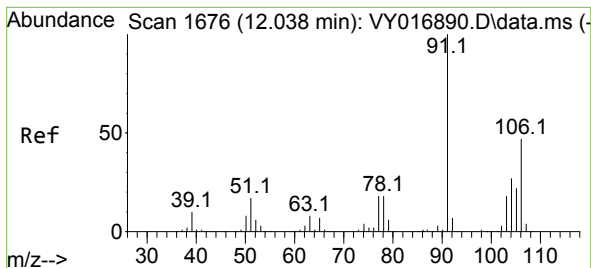
Tgt Ion: 91 Resp: 344168
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 101.707 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 106 Resp: 259114
Ion Ratio Lower Upper
106 100
91 199.9 160.7 241.1





#69

o-Xylene

Concen: 49.398 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

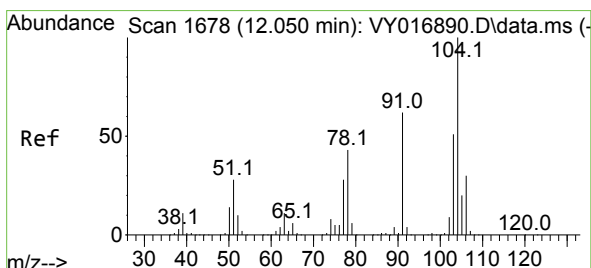
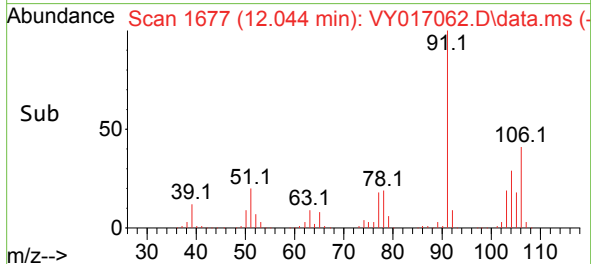
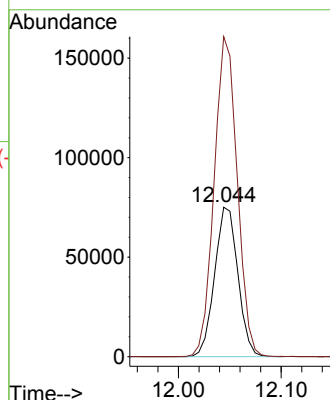
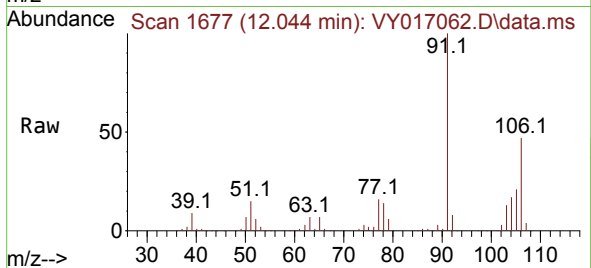
SB-5-19.5-20.0MSD

Tgt Ion:106 Resp: 117980

Ion Ratio Lower Upper

106 100

91 212.9 106.5 319.5



#70

Styrene

Concen: 48.560 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

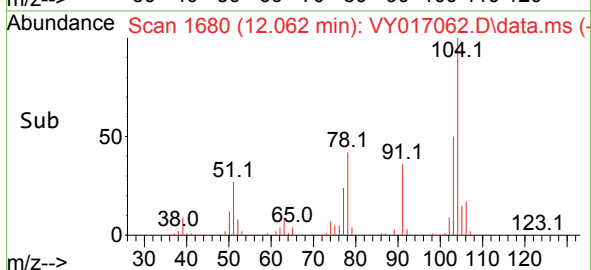
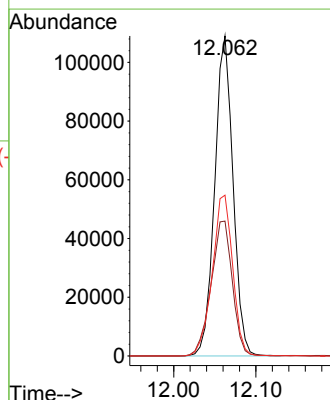
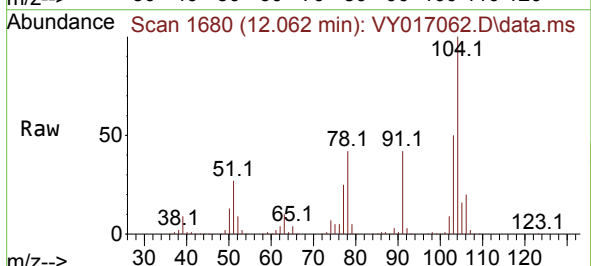
Tgt Ion:104 Resp: 168798

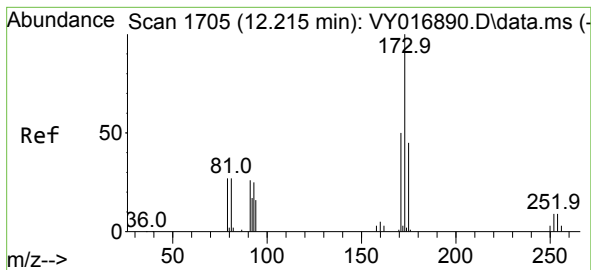
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 56.0 43.8 65.6





#71

Bromoform

Concen: 36.494 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

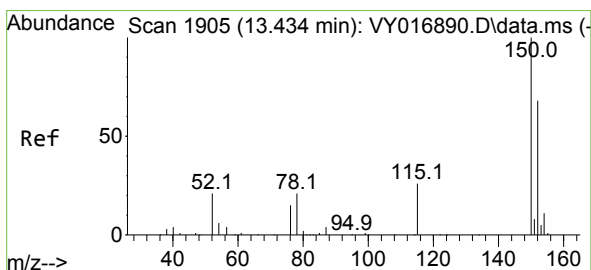
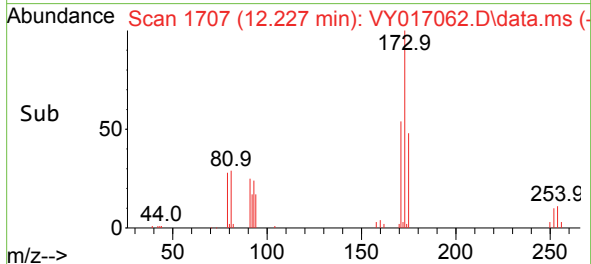
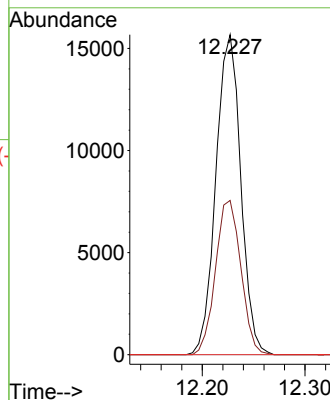
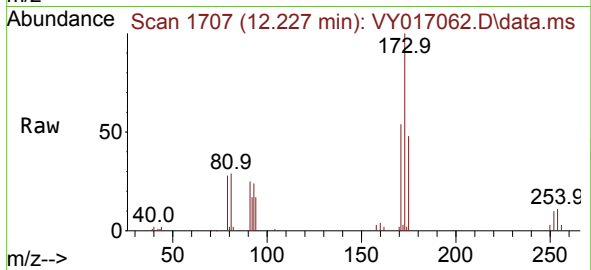
Tgt Ion:173 Resp: 26329

Ion Ratio Lower Upper

173 100

175 49.1 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: VY017062.D

Acq: 19 Jan 2024 17:41

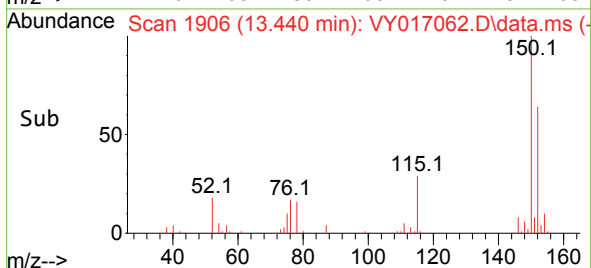
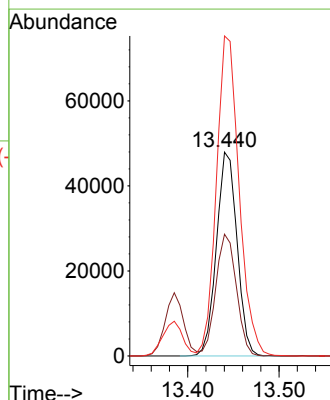
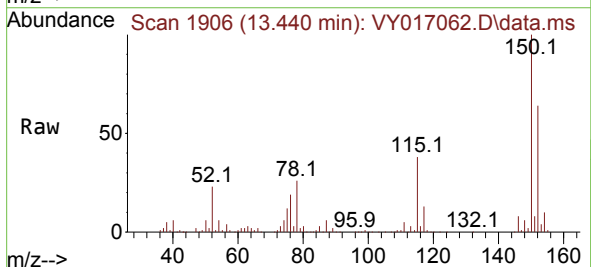
Tgt Ion:152 Resp: 75142

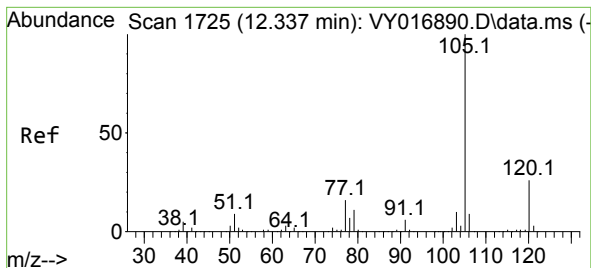
Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 172.9 0.0 344.6





#73

Isopropylbenzene

Concen: 52.668 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

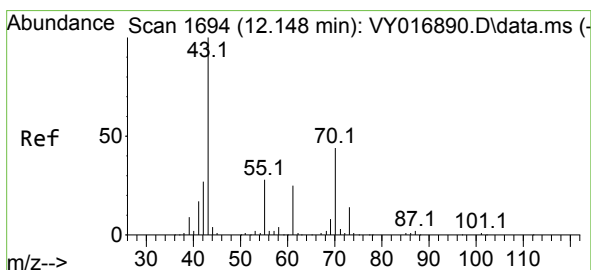
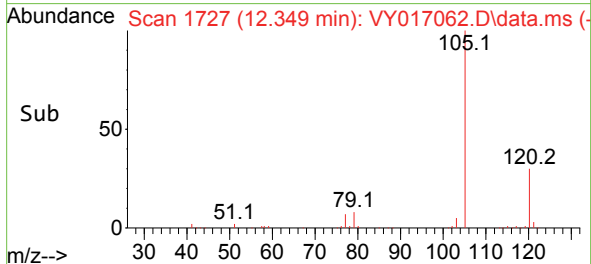
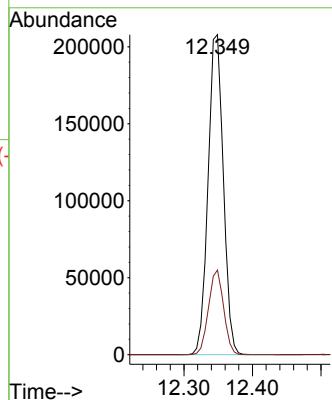
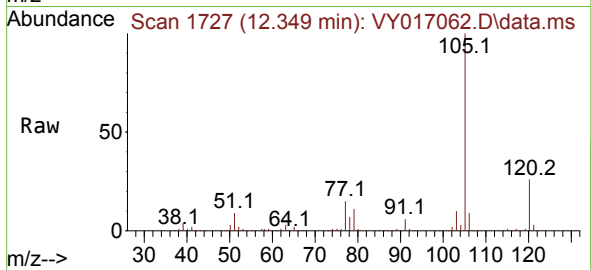
SB-5-19.5-20.0MSD

Tgt Ion:105 Resp: 323177

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 36.066 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Tgt Ion: 43 Resp: 44464

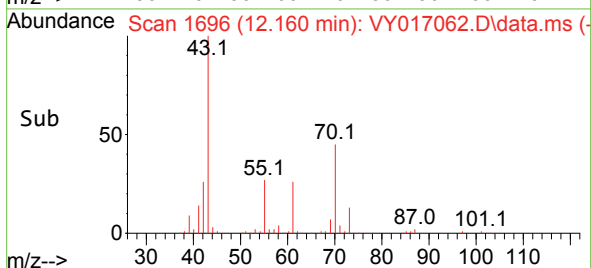
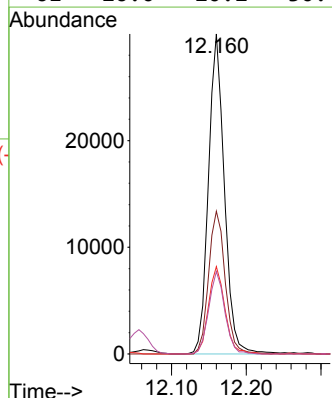
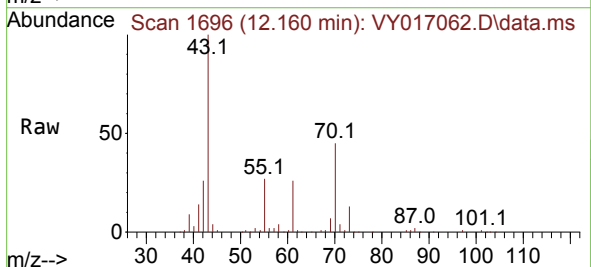
Ion Ratio Lower Upper

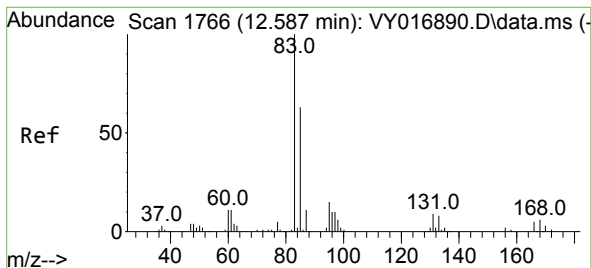
43 100

70 46.4 36.6 55.0

55 28.1 22.2 33.4

61 26.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 36.065 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

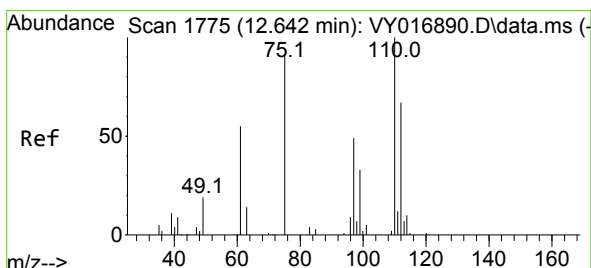
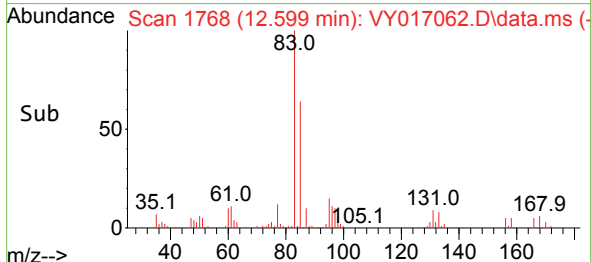
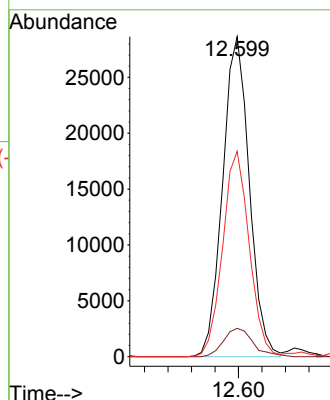
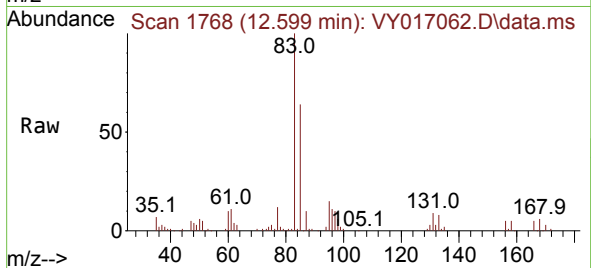
Tgt Ion: 83 Resp: 45090

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 64.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 68.059 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017062.D

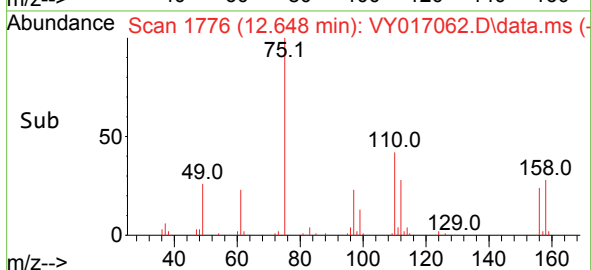
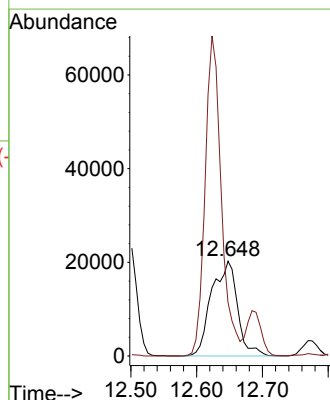
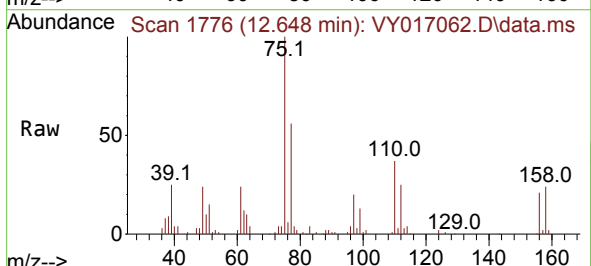
Acq: 19 Jan 2024 17:41

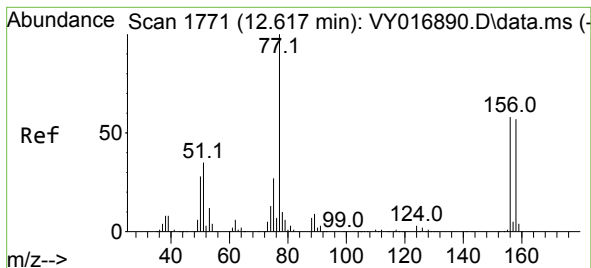
Tgt Ion: 75 Resp: 55497

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.131 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

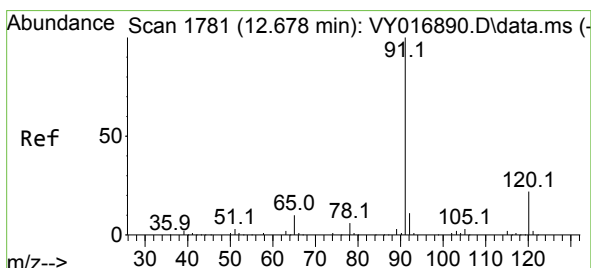
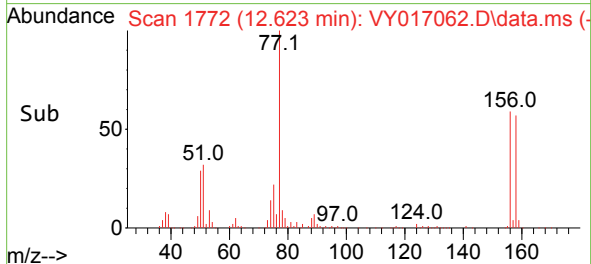
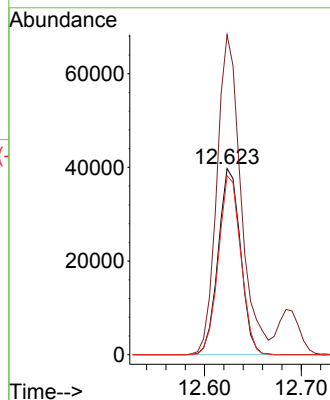
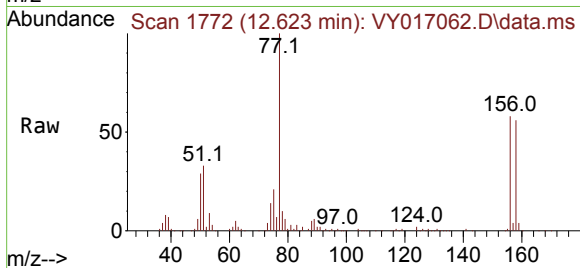
Tgt Ion:156 Resp: 63674

Ion Ratio Lower Upper

156 100

77 184.8 97.3 291.8

158 96.4 48.4 145.0



#78

n-propylbenzene

Concen: 51.962 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017062.D

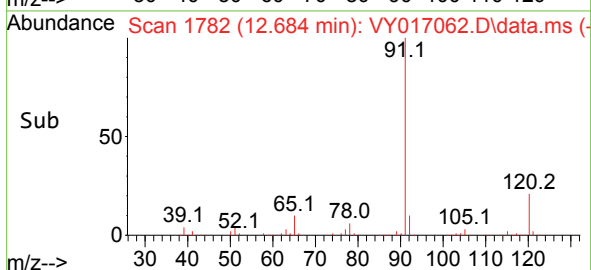
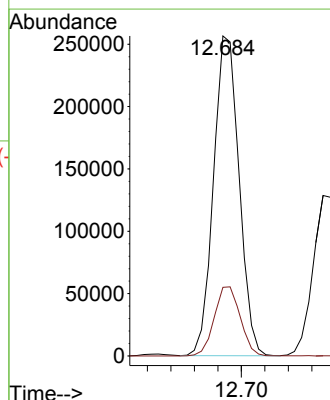
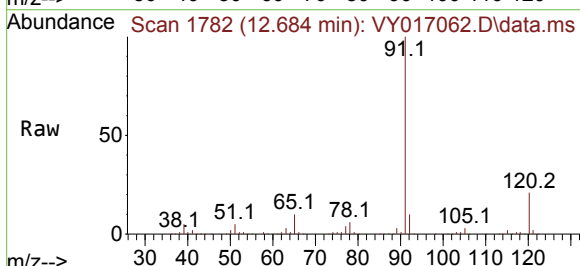
Acq: 19 Jan 2024 17:41

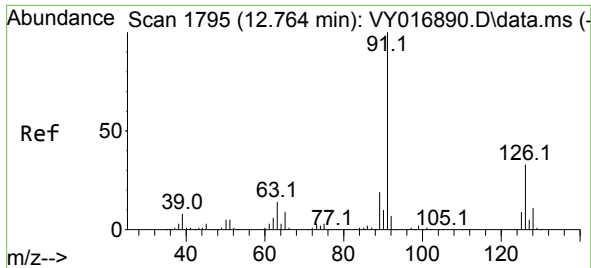
Tgt Ion: 91 Resp: 387622

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

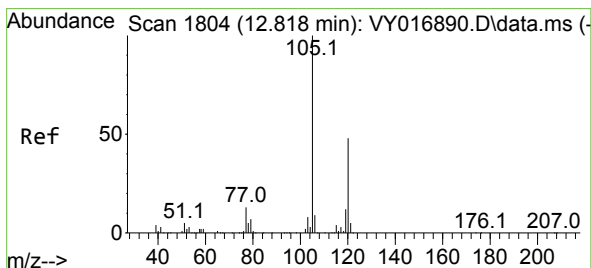
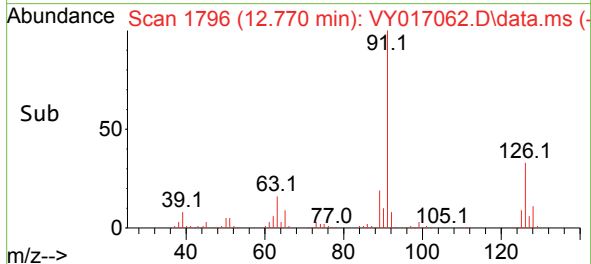
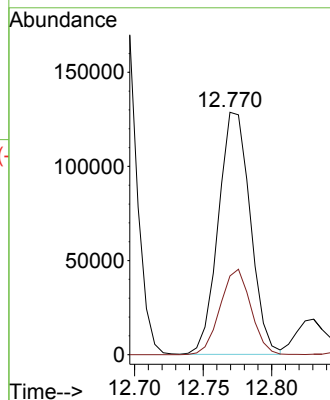
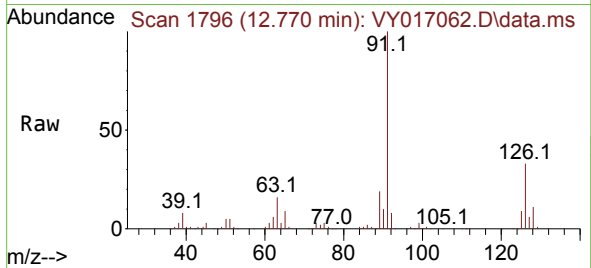




#79
2-Chlorotoluene
Concen: 50.562 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.007 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

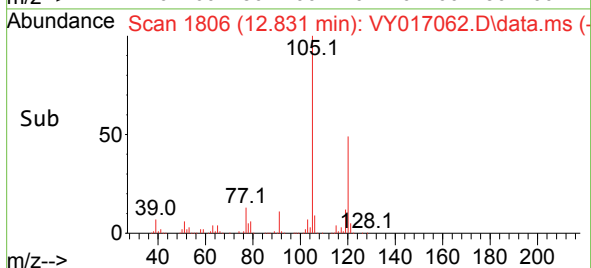
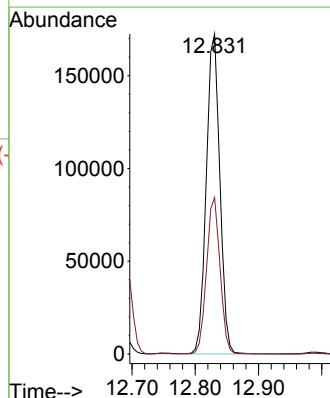
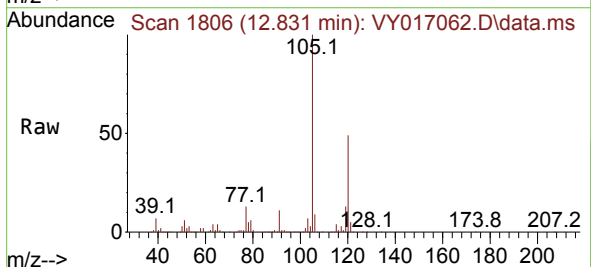
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

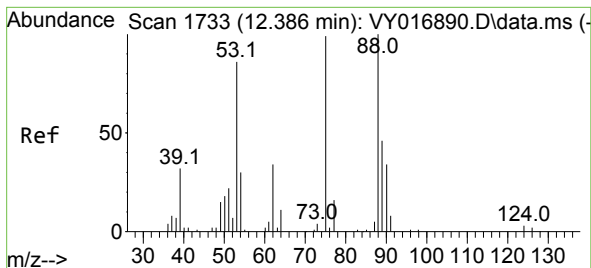
Tgt Ion: 91 Resp: 209156
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 53.151 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 105 Resp: 257940
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 35.358 ug/l

RT: 12.398 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

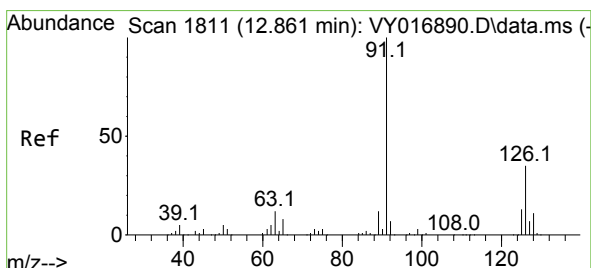
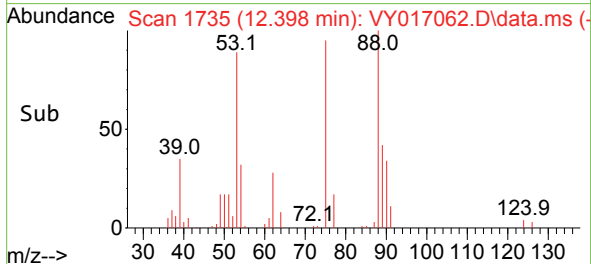
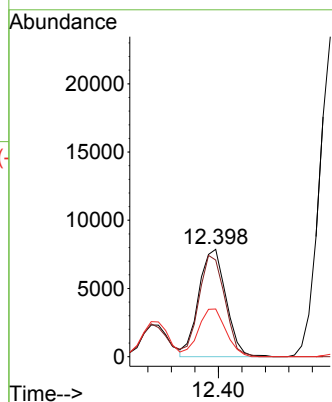
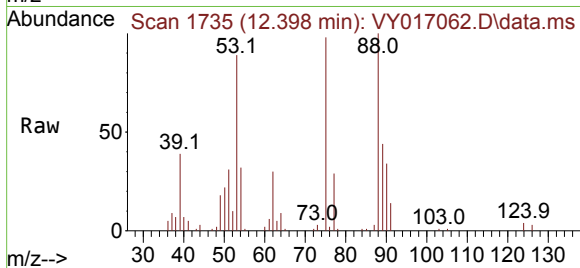
Tgt Ion: 75 Resp: 12697

Ion Ratio Lower Upper

75 100

53 90.1 74.0 111.0

89 45.0 36.5 54.7



#82

4-Chlorotoluene

Concen: 50.152 ug/l

RT: 12.873 min Scan# 1813

Delta R.T. 0.012 min

Lab File: VY017062.D

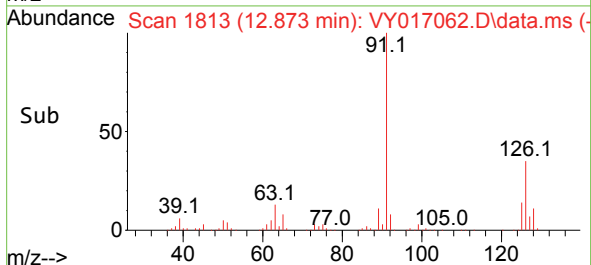
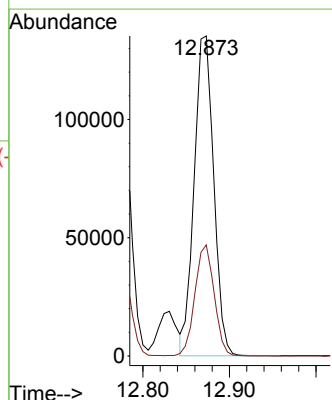
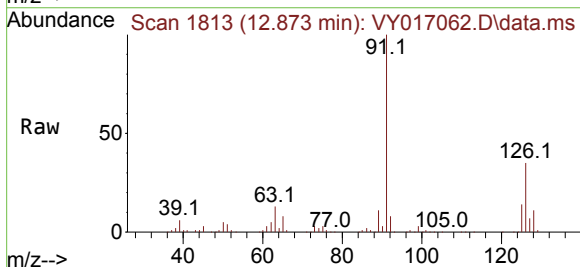
Acq: 19 Jan 2024 17:41

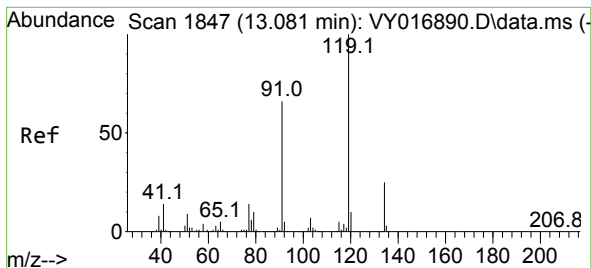
Tgt Ion: 91 Resp: 211949

Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.2

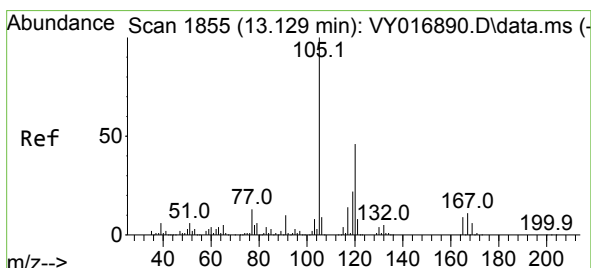
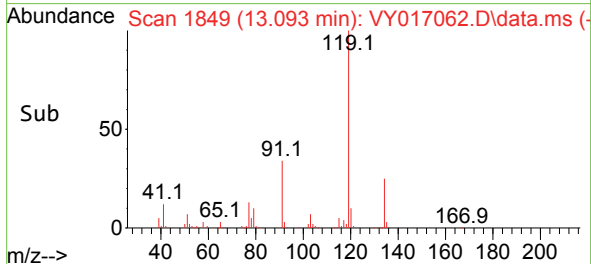
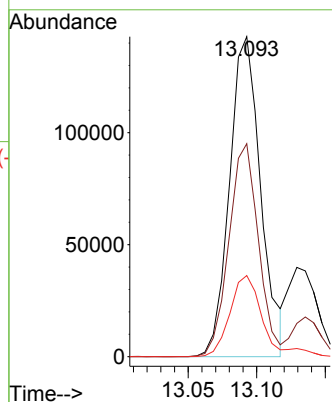
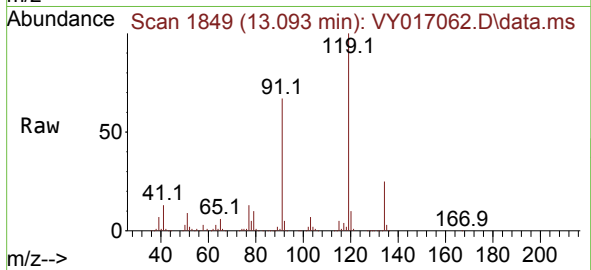




#83
tert-Butylbenzene
Concen: 52.863 ug/l
RT: 13.093 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

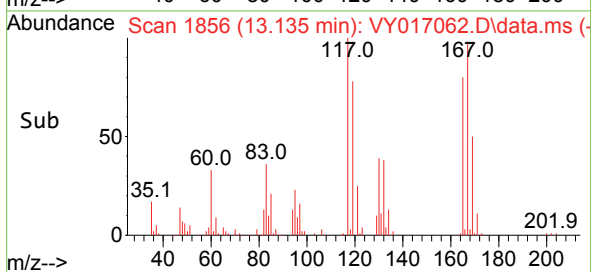
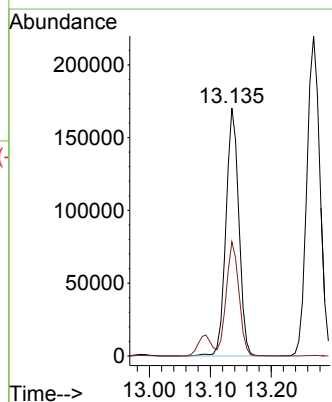
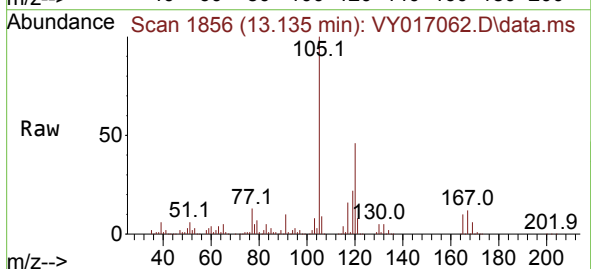
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

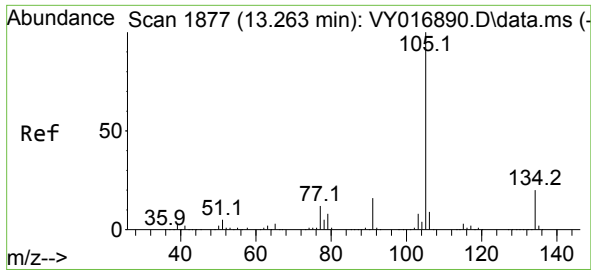
Tgt Ion:119 Resp: 225959
Ion Ratio Lower Upper
119 100
91 63.1 31.5 94.5
134 26.9 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 52.367 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion:105 Resp: 250273
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.3

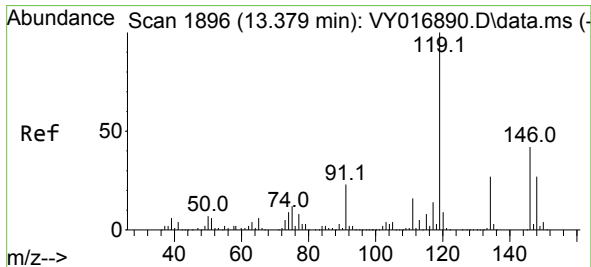
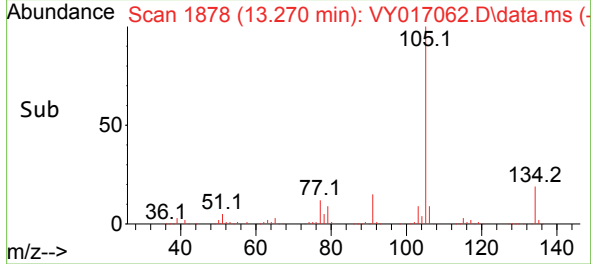
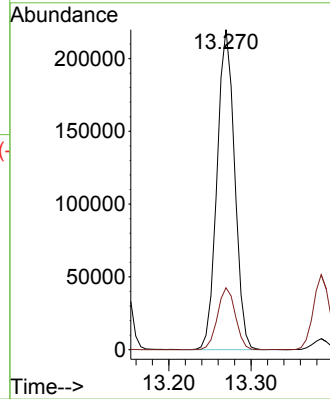
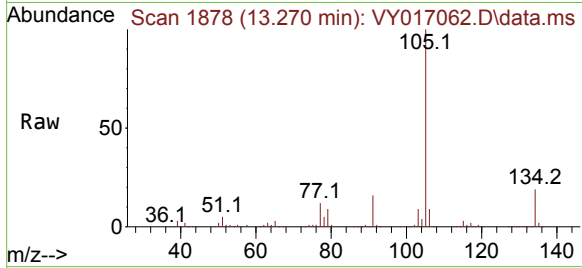




#85
sec-Butylbenzene
Concen: 51.680 ug/l
RT: 13.270 min Scan# 1878
Delta R.T. 0.007 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

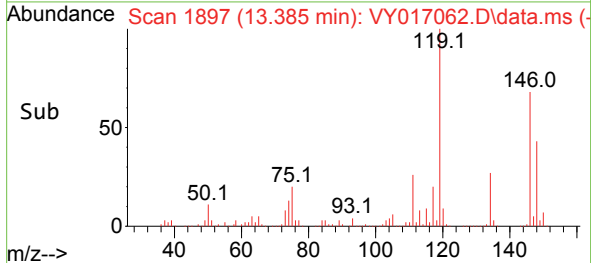
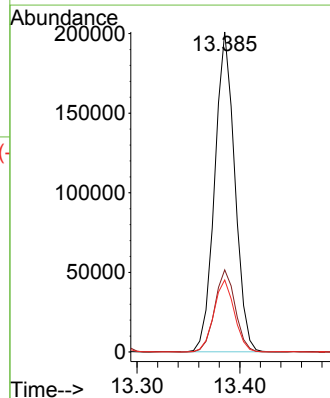
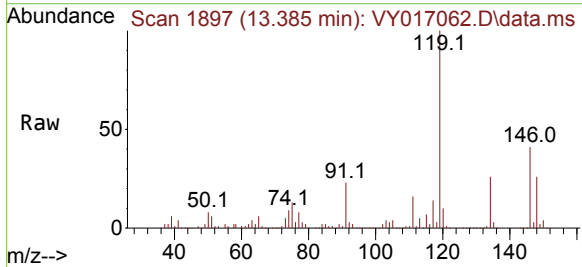
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

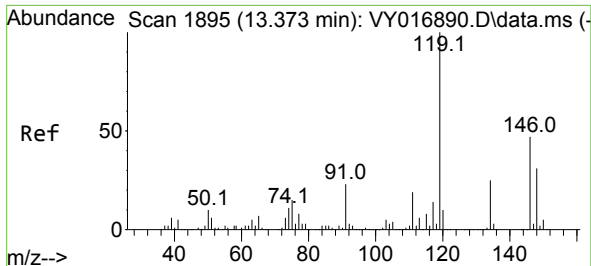
Tgt Ion:105 Resp: 327317
Ion Ratio Lower Upper
105 100
134 19.7 9.7 28.9



#86
p-Isopropyltoluene
Concen: 51.943 ug/l
RT: 13.385 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion:119 Resp: 271508
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.1
91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 47.810 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

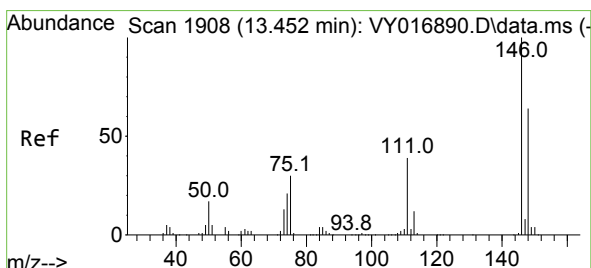
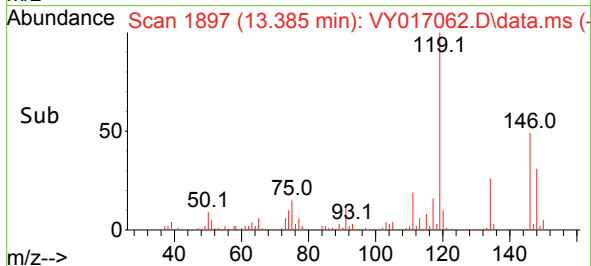
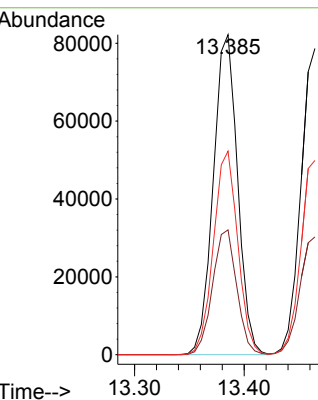
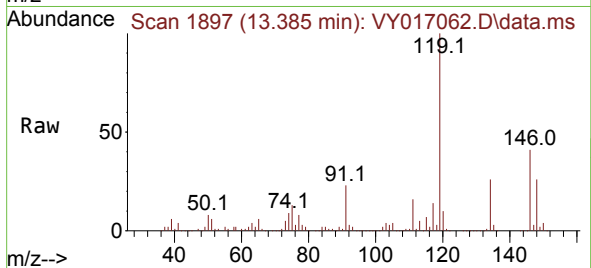
Tgt Ion:146 Resp: 126678

Ion Ratio Lower Upper

146 100

111 38.9 20.2 60.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 46.230 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

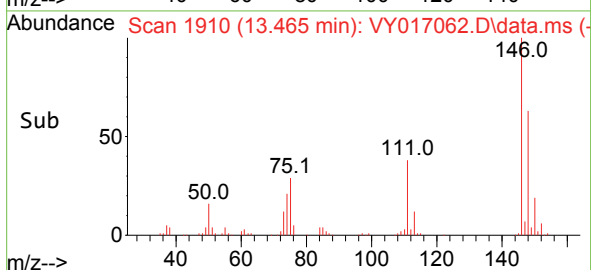
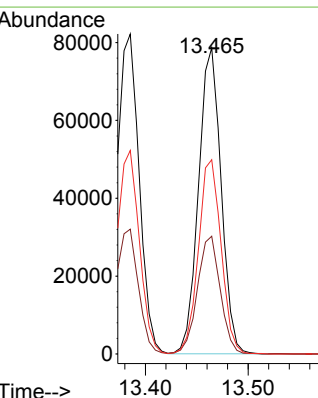
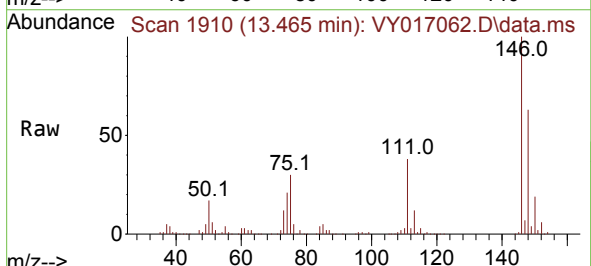
Tgt Ion:146 Resp: 119805

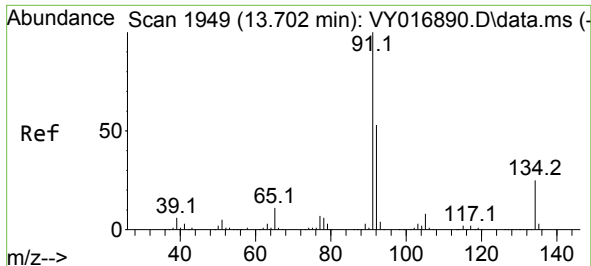
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

148 64.0 31.6 94.7

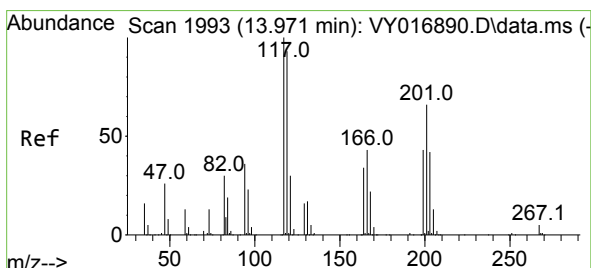
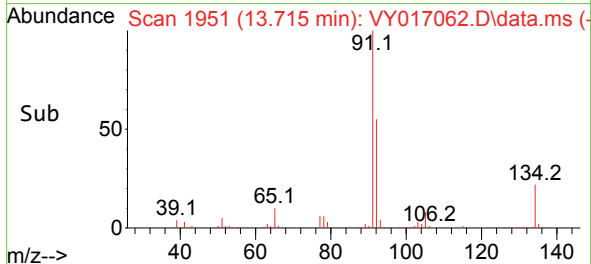
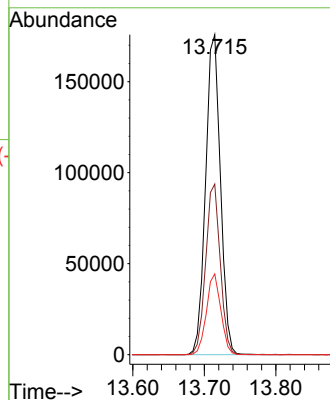
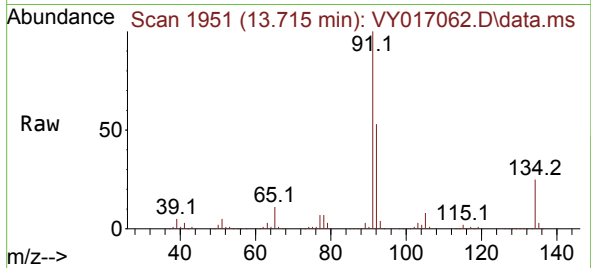




#89
n-Butylbenzene
Concen: 50.444 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.013 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

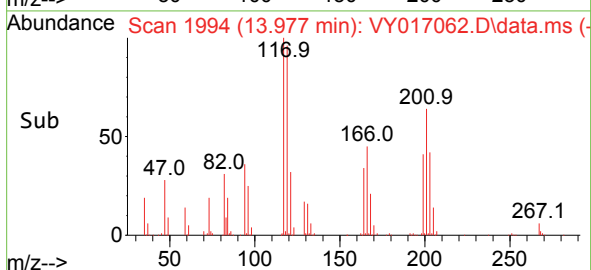
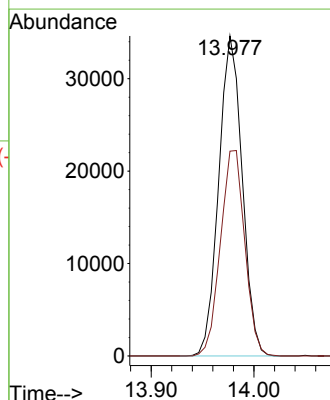
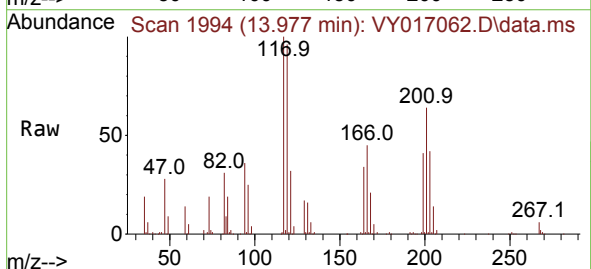
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

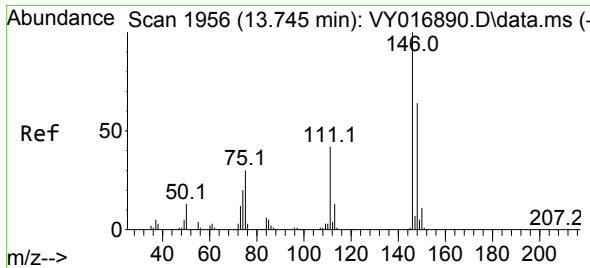
Tgt Ion: 91 Resp: 253518
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 48.848 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 117 Resp: 54866
Ion Ratio Lower Upper
117 100
201 66.6 33.4 100.1

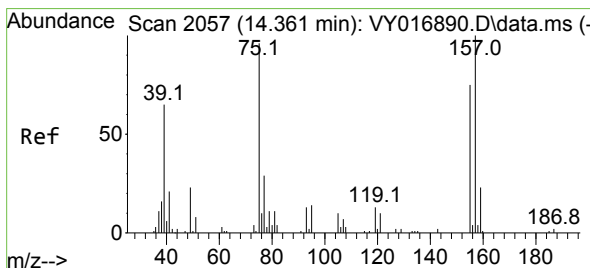
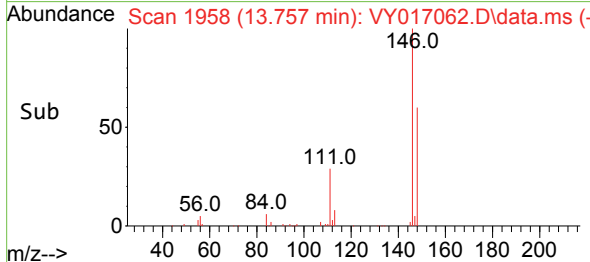
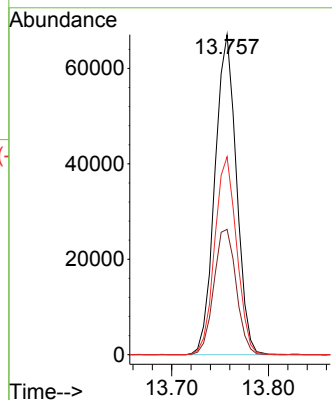
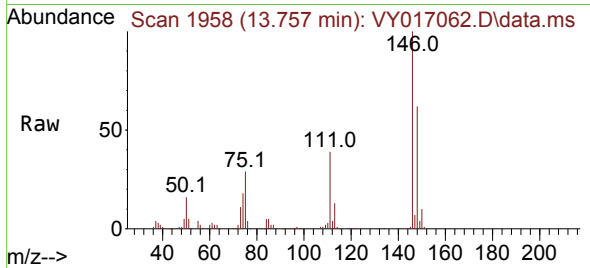




#91
1,2-Dichlorobenzene
Concen: 45.295 ug/l
RT: 13.757 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

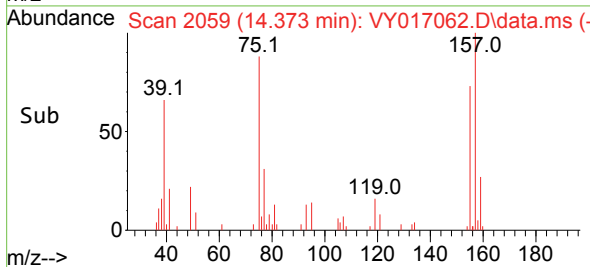
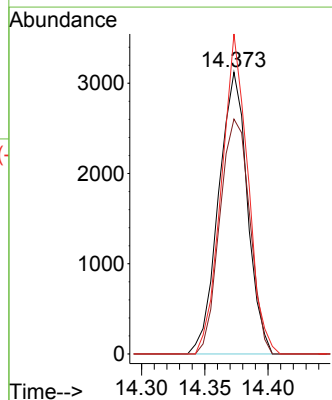
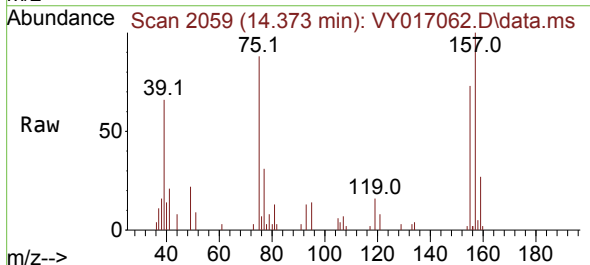
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

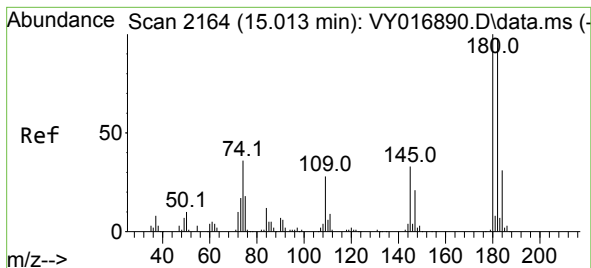
Tgt Ion:146 Resp: 103714
Ion Ratio Lower Upper
146 100
111 40.7 20.5 61.6
148 63.1 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 31.420 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY017062.D
Acq: 19 Jan 2024 17:41

Tgt Ion: 75 Resp: 4926
Ion Ratio Lower Upper
75 100
155 86.8 42.1 126.3
157 104.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 43.041 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

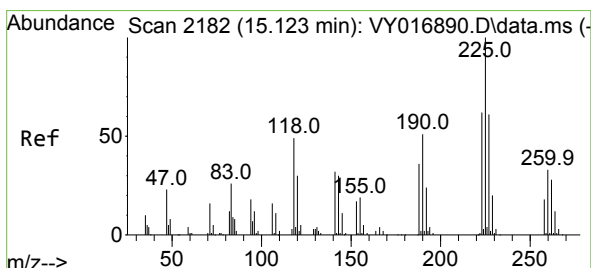
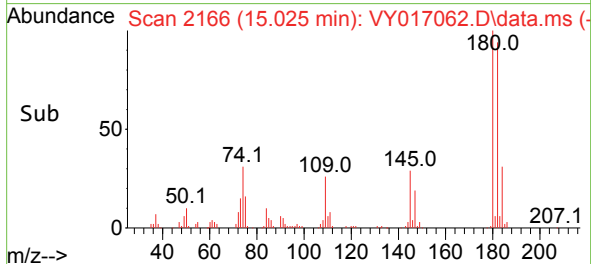
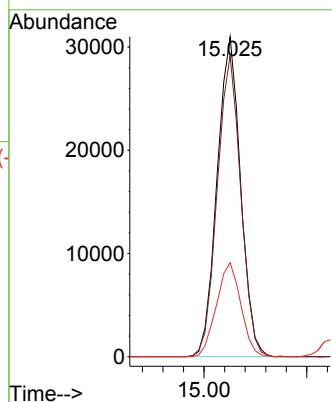
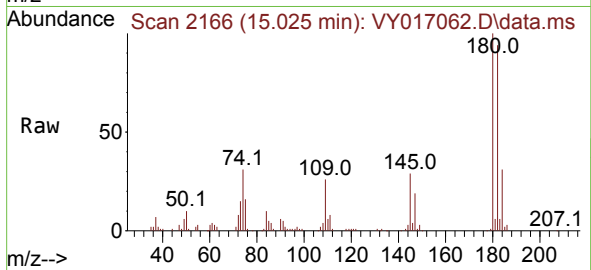
Tgt Ion:180 Resp: 48939

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 44.088 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

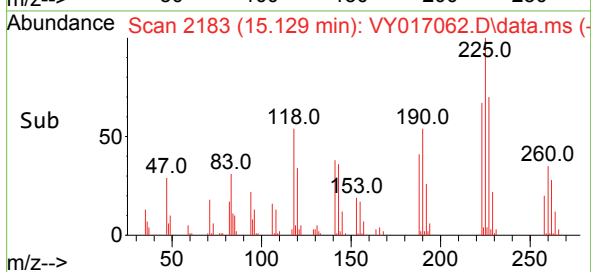
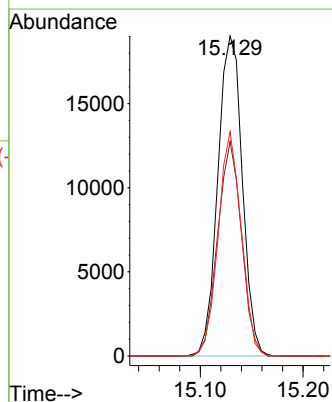
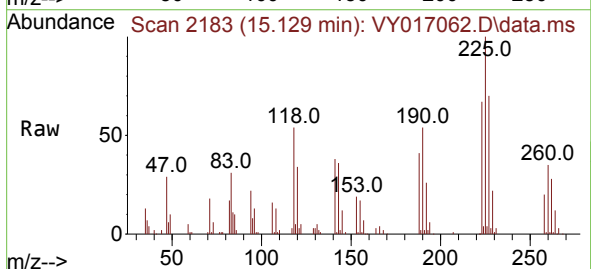
Tgt Ion:225 Resp: 31404

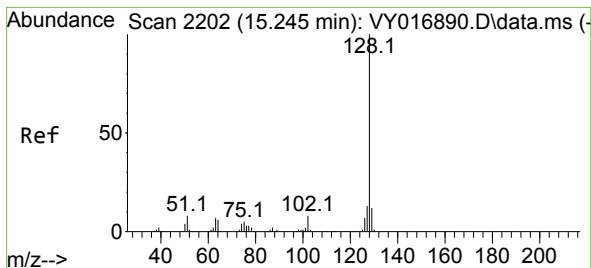
Ion Ratio Lower Upper

225 100

223 65.2 31.4 94.3

227 66.1 32.3 96.8





#95

Naphthalene

Concen: 37.705 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017062.D

Acq: 19 Jan 2024 17:41

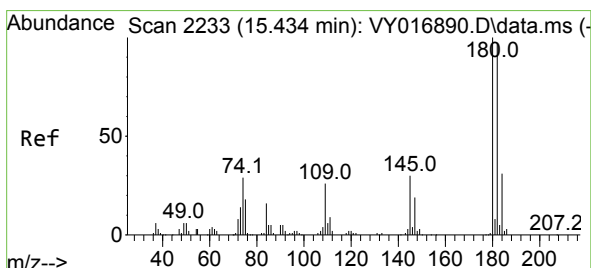
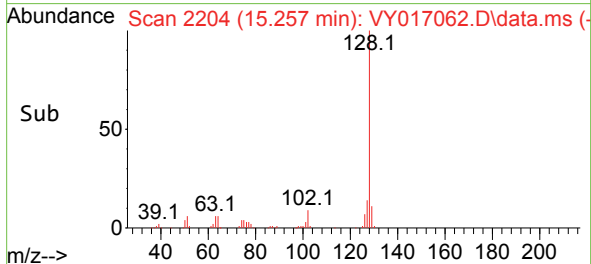
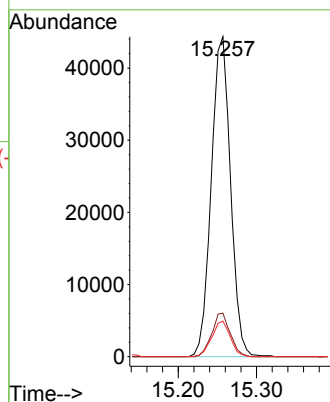
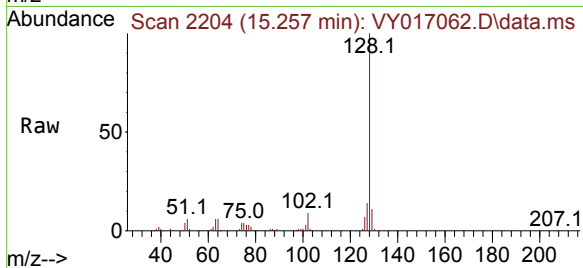
Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0MSD

Tgt Ion:128	Resp:	75714
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.4
129	10.7	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 40.191 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

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Tgt Ion:180	Resp:	38803
Ion Ratio	Lower	Upper
180	100	
182	94.3	46.3 138.8
145	32.4	16.1 48.2

