

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017348.D
 Acq On : 09 Feb 2024 18:42
 Operator : SY/MD
 Sample : P1414-03MSD
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(15-16)MSD

Quant Time: Feb 09 22:07:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	86136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	151194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	132965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45869	59.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.220%
35) Dibromofluoromethane	7.728	113	48229	59.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.160%
50) Toluene-d8	10.185	98	169090	56.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.780%
62) 4-Bromofluorobenzene	12.489	95	54360	55.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	40318	61.745	ug/l	95
3) Chloromethane	2.119	50	77407	65.989	ug/l	97
4) Vinyl Chloride	2.253	62	90943	63.620	ug/l	99
5) Bromomethane	2.656	94	64434	65.026	ug/l	98
6) Chloroethane	2.796	64	60473	65.519	ug/l	97
7) Trichlorofluoromethane	3.125	101	95949	65.275	ug/l	95
8) Diethyl Ether	3.533	74	32978	71.325	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	55591	62.388	ug/l	99
10) Methyl Iodide	4.100	142	63580	67.872	ug/l	99
11) Tert butyl alcohol	4.966	59	22241	350.003	ug/l #	87
12) 1,1-Dichloroethene	3.875	96	54908	65.764	ug/l	96
13) Acrolein	3.735	56	18587	293.561	ug/l	98
14) Allyl chloride	4.491	41	88020	69.734	ug/l	99
15) Acrylonitrile	5.173	53	75588	363.094	ug/l	100
16) Acetone	3.954	43	59728	264.093	ug/l	97
17) Carbon Disulfide	4.204	76	169042	63.425	ug/l	99
18) Methyl Acetate	4.485	43	49972	99.047	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	144880	72.050	ug/l	100
20) Methylene Chloride	4.728	84	71175	78.862	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	65787	69.262	ug/l	97
22) Diisopropyl ether	6.131	45	197709	71.326	ug/l	98
23) Vinyl Acetate	6.070	43	501916	298.841	ug/l	98
24) 1,1-Dichloroethane	6.027	63	115359	67.936	ug/l	98
25) 2-Butanone	6.996	43	98984	329.227	ug/l	97
26) 2,2-Dichloropropane	6.990	77	91080	64.486	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	74311	69.951	ug/l	98
28) Bromochloromethane	7.344	49	37565	57.777	ug/l	99
29) Tetrahydrofuran	7.362	42	62371	367.236	ug/l	99
30) Chloroform	7.521	83	118802	69.549	ug/l	97
31) Cyclohexane	7.795	56	91850	59.220	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	98892	67.305	ug/l	99
36) 1,1-Dichloropropene	7.929	75	89678	63.685	ug/l	99
37) Ethyl Acetate	7.082	43	42111	64.477	ug/l	99
38) Carbon Tetrachloride	7.911	117	87201	64.677	ug/l	98
39) Methylcyclohexane	9.191	83	94963	57.725	ug/l	98
40) Benzene	8.167	78	270197	67.192	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23122	74.722	ug/l	96
42) 1,2-Dichloroethane	8.246	62	72030	67.653	ug/l	99
43) Isopropyl Acetate	8.283	43	78058	67.516	ug/l	99
44) Trichloroethene	8.947	130	68181	66.794	ug/l	95
45) 1,2-Dichloropropane	9.221	63	67015	67.847	ug/l	98
46) Dibromomethane	9.313	93	36922	69.200	ug/l	99
47) Bromodichloromethane	9.502	83	91717	68.687	ug/l	97
48) Methyl methacrylate	9.301	41	37019	68.264	ug/l	96
49) 1,4-Dioxane	9.301	88	9079	1563.342	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	220645	356.022	ug/l	100
52) Toluene	10.252	92	165126	68.030	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	86841	69.238	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	103180	68.682	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	50379	69.399	ug/l	99
56) Ethyl methacrylate	10.520	69	62325	62.982	ug/l	99
57) 1,3-Dichloropropane	10.794	76	86861	69.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	142253	314.550	ug/l	100
59) 2-Hexanone	10.837	43	144712	322.913	ug/l	99
60) Dibromochloromethane	10.989	129	60060	70.525	ug/l	98
61) 1,2-Dibromoethane	11.093	107	46687	69.151	ug/l	100
64) Tetrachloroethene	10.727	164	55937	64.776	ug/l	96
65) Chlorobenzene	11.520	112	168327	65.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	63561	68.188	ug/l	99
67) Ethyl Benzene	11.599	91	306317	66.078	ug/l	99
68) m/p-Xylenes	11.709	106	235019	133.592	ug/l	98
69) o-Xylene	12.038	106	110392	68.141	ug/l	99
70) Styrene	12.050	104	186460	69.854	ug/l	98
71) Bromoform	12.215	173	34415	70.498	ug/l #	97
73) Isopropylbenzene	12.337	105	280604	64.515	ug/l	100
74) N-amyl acetate	12.148	43	59738	61.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	57191	66.854	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	68671	125.667	ug/l #	100
77) Bromobenzene	12.617	156	63215	65.524	ug/l	100
78) n-propylbenzene	12.678	91	337978	63.270	ug/l	100
79) 2-Chlorotoluene	12.764	91	190134	64.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	222446	64.307	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17207	65.429	ug/l	99
82) 4-Chlorotoluene	12.861	91	193374	63.977	ug/l	99
83) tert-Butylbenzene	13.081	119	192303	64.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	222196	65.077	ug/l	98
85) sec-Butylbenzene	13.257	105	285489	61.603	ug/l	99
86) p-Isopropyltoluene	13.373	119	229410	61.947	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	121014	62.877	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	119365	63.838	ug/l	100
89) n-Butylbenzene	13.702	91	207989	59.071	ug/l	100
90) Hexachloroethane	13.965	117	46332	60.942	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	106465	64.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7596	68.169	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	50058	61.510	ug/l	99
94) Hexachlorobutadiene	15.117	225	23844	49.746	ug/l	99
95) Naphthalene	15.239	128	103474	61.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43027	62.164	ug/l	98

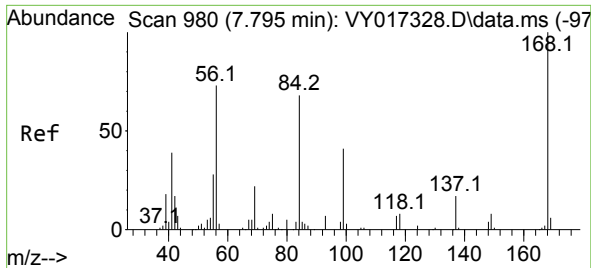
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017348.D

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Instrument :

MSVOA_Y

ClientSampleId :

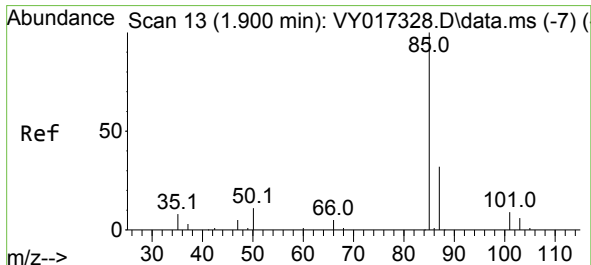
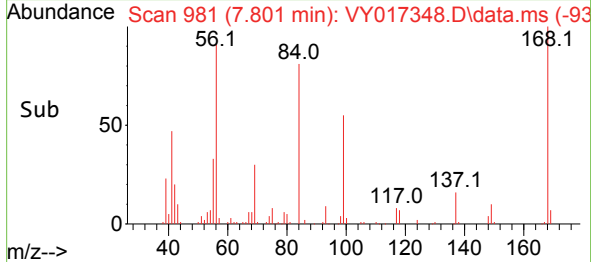
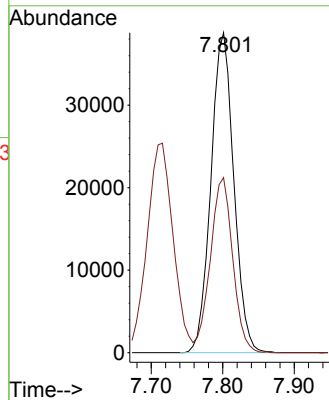
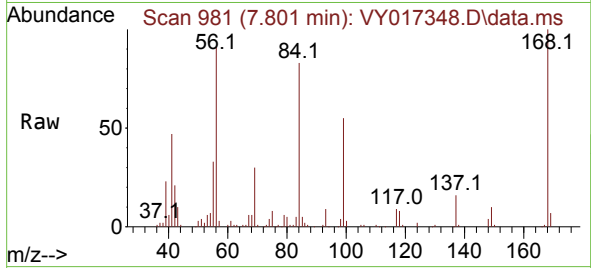
SB-6(15-16)MSD

Tgt Ion:168 Resp: 86136

Ion Ratio Lower Upper

168 100

99 54.7 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 61.745 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY017348.D

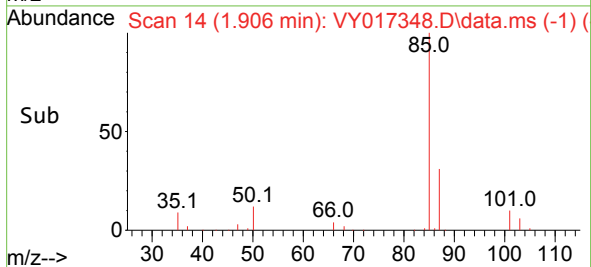
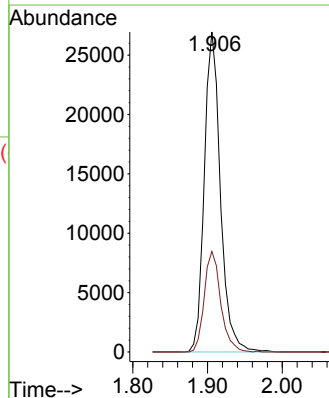
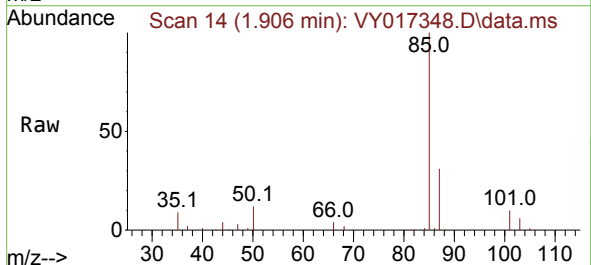
Acq: 09 Feb 2024 18:42

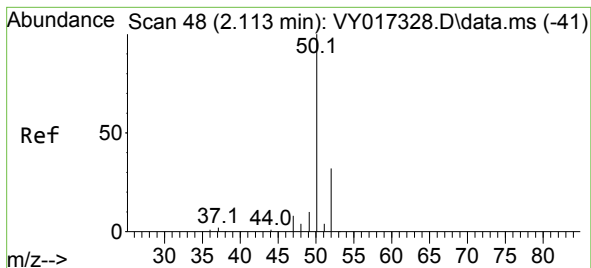
Tgt Ion: 85 Resp: 40318

Ion Ratio Lower Upper

85 100

87 31.4 17.1 51.3





#3

Chloromethane

Concen: 65.989 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

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ClientSampleId :

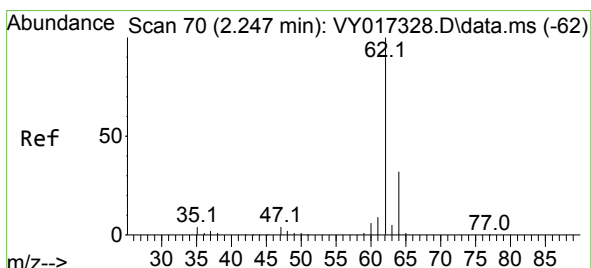
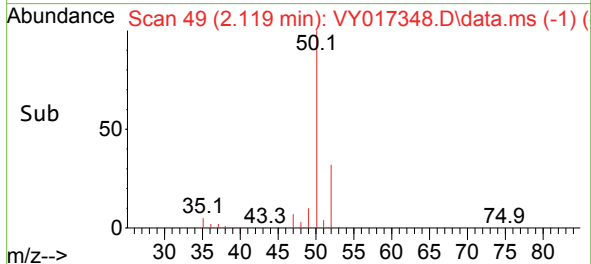
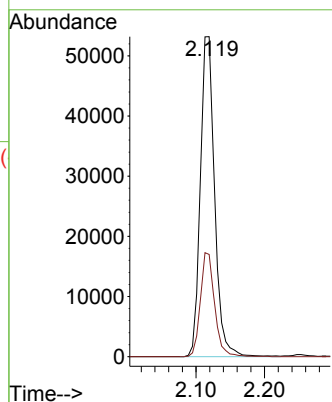
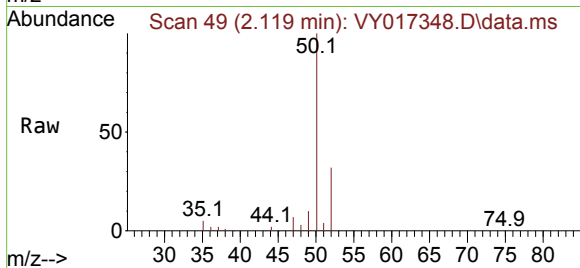
SB-6(15-16)MSD

Tgt Ion: 50 Resp: 77407

Ion Ratio Lower Upper

50 100

52 31.9 26.7 40.1



#4

Vinyl Chloride

Concen: 63.620 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017348.D

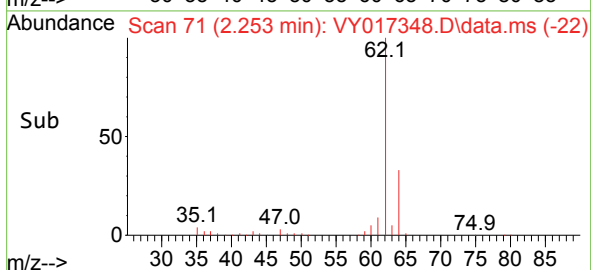
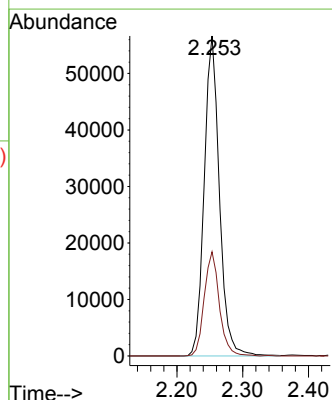
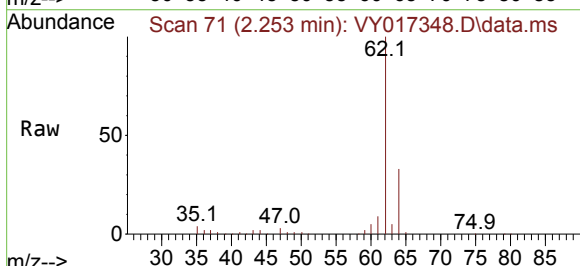
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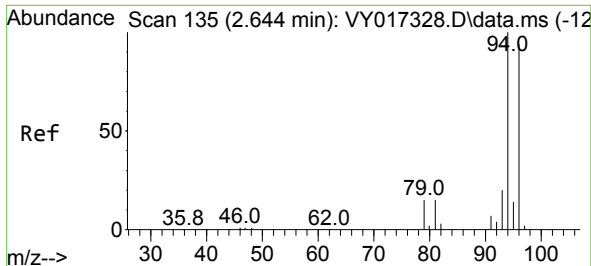
Tgt Ion: 62 Resp: 90943

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 65.026 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

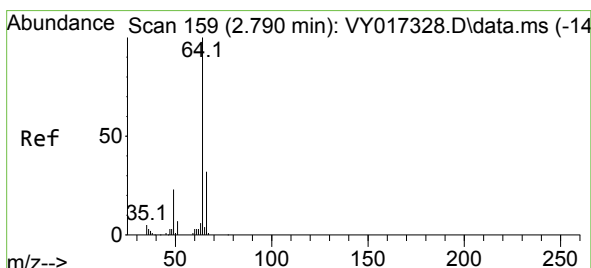
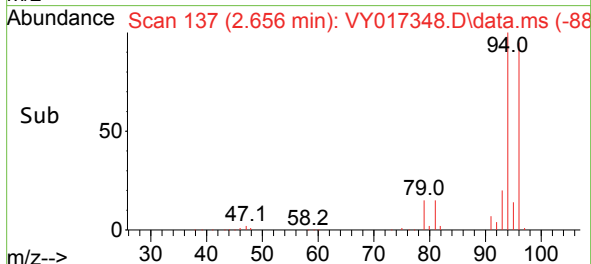
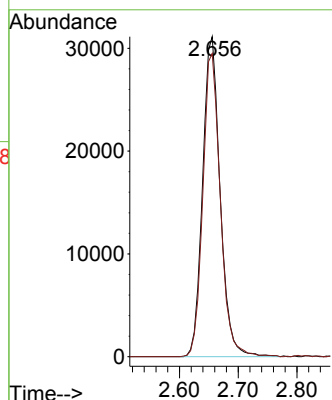
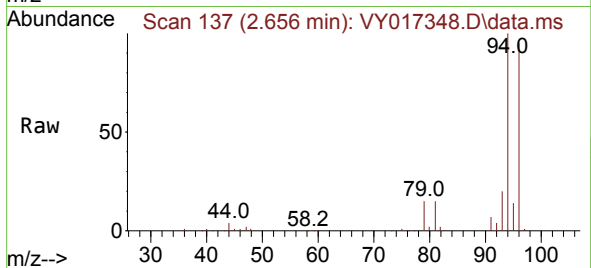
SB-6(15-16)MSD

Tgt Ion: 94 Resp: 64434

Ion Ratio Lower Upper

94 100

96 94.8 77.3 115.9



#6

Chloroethane

Concen: 65.519 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY017348.D

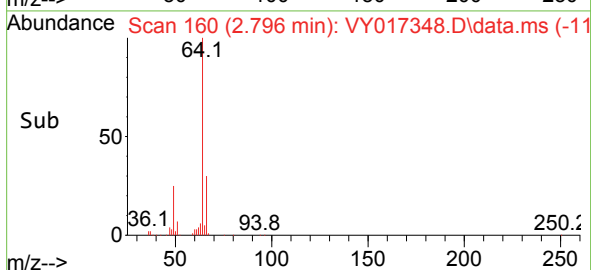
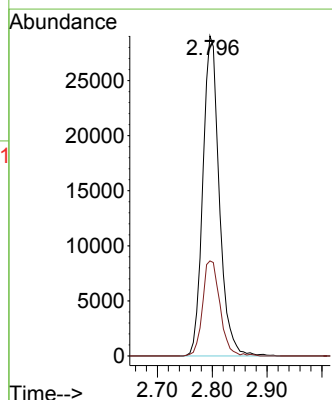
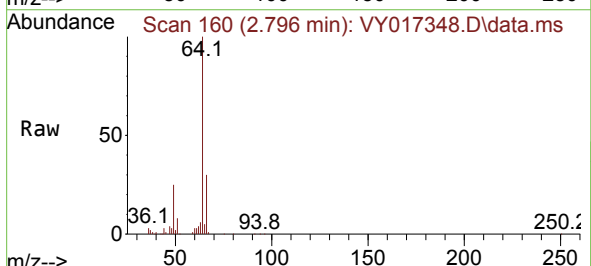
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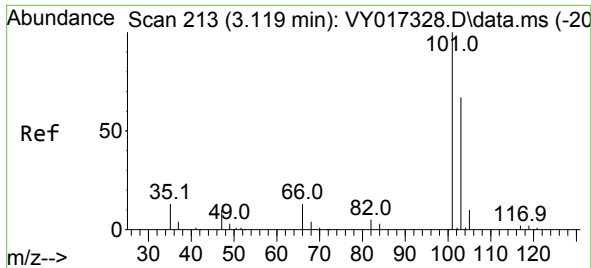
Tgt Ion: 64 Resp: 60473

Ion Ratio Lower Upper

64 100

66 29.7 25.1 37.7

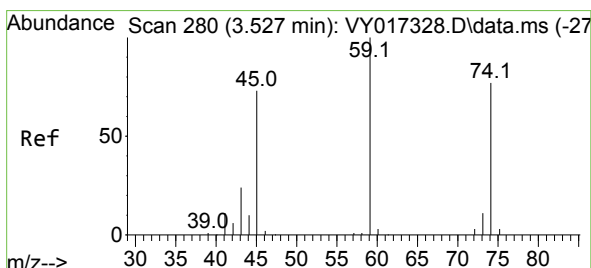
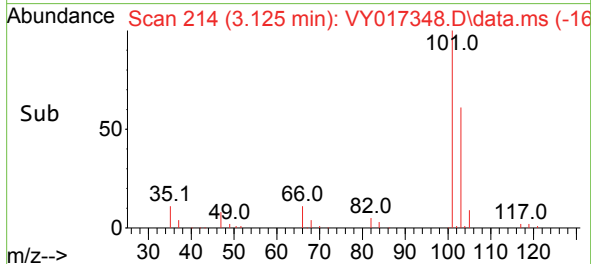
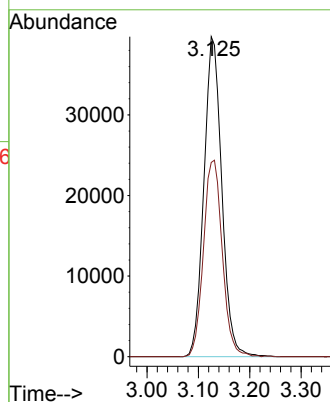
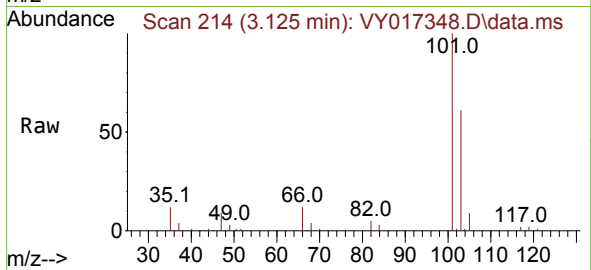




#7
Trichlorofluoromethane
Concen: 65.275 ug/l
RT: 3.125 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

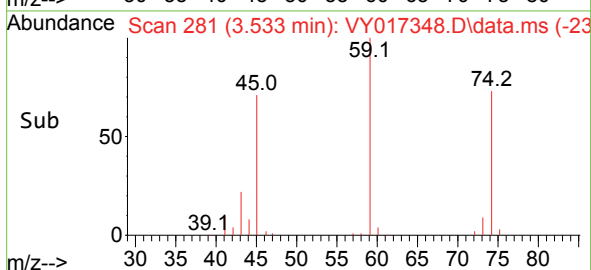
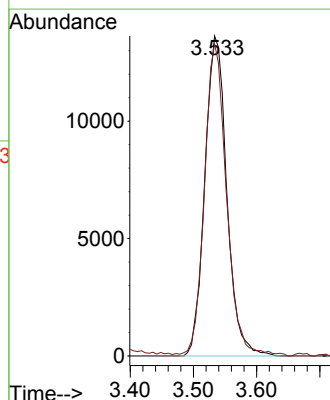
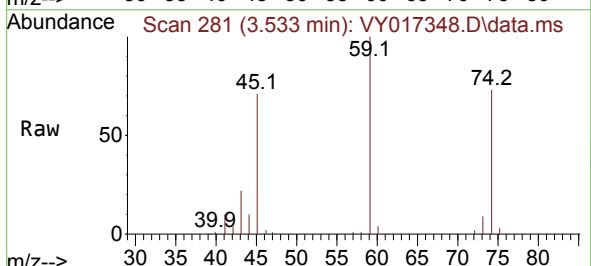
Instrument :
MSVOA_Y
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SB-6(15-16)MSD

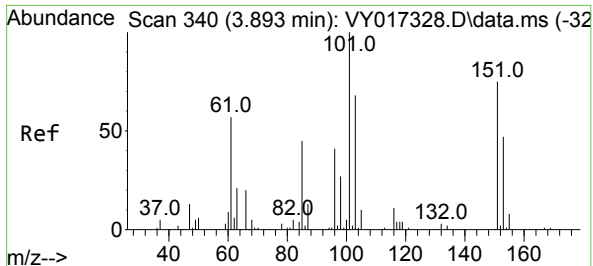
Tgt Ion:101 Resp: 95949
Ion Ratio Lower Upper
101 100
103 60.7 51.9 77.9



#8
Diethyl Ether
Concen: 71.325 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 74 Resp: 32978
Ion Ratio Lower Upper
74 100
45 97.9 47.9 143.7

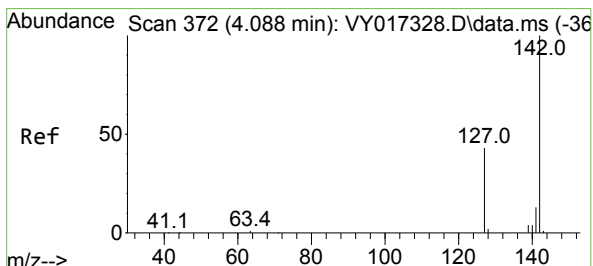
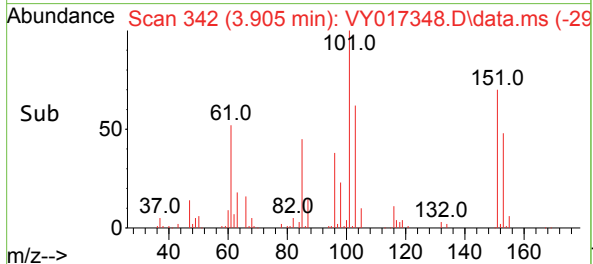
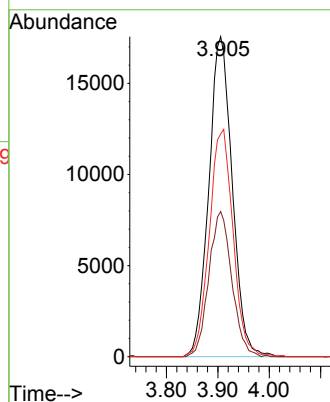
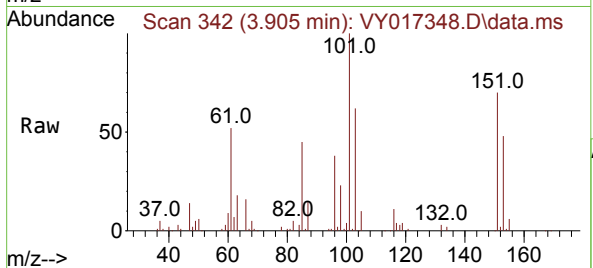




#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.388 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

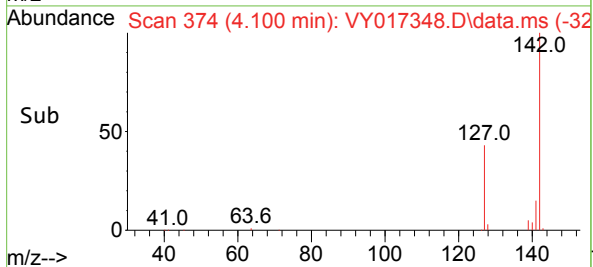
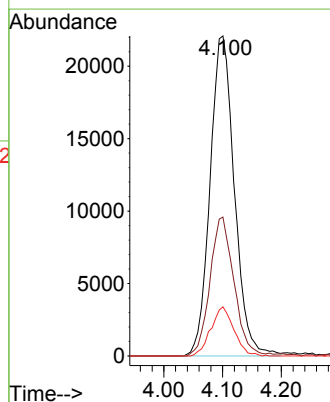
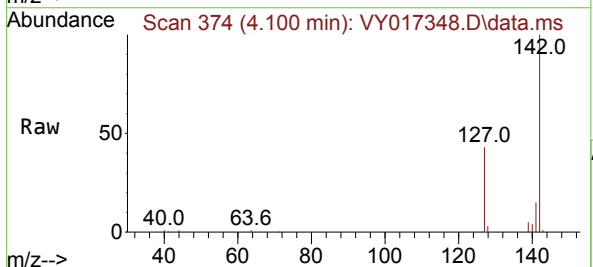
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

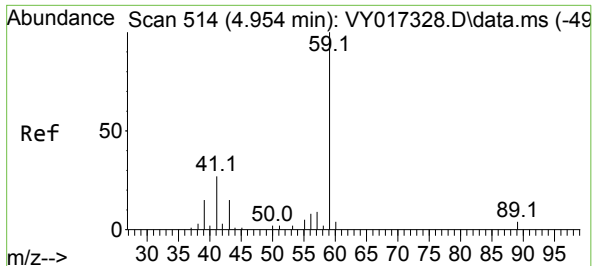
Tgt Ion:101 Resp: 55591
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 72.2 58.6 88.0



#10
Methyl Iodide
Concen: 67.872 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion:142 Resp: 63580
Ion Ratio Lower Upper
142 100
127 43.3 35.1 52.7
141 14.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 350.003 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

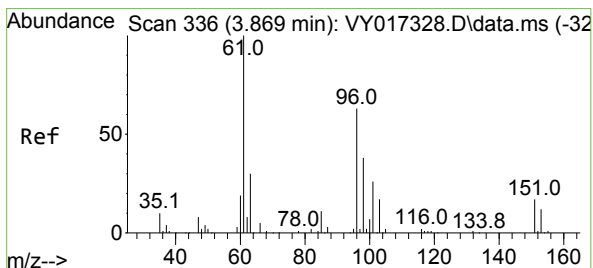
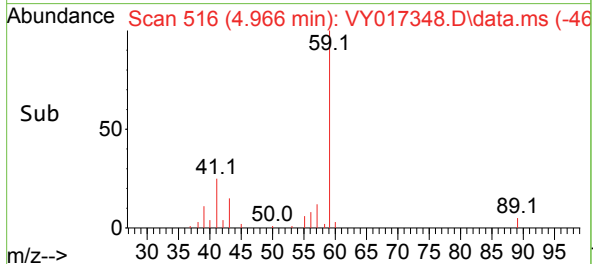
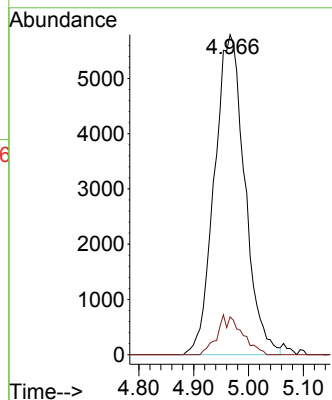
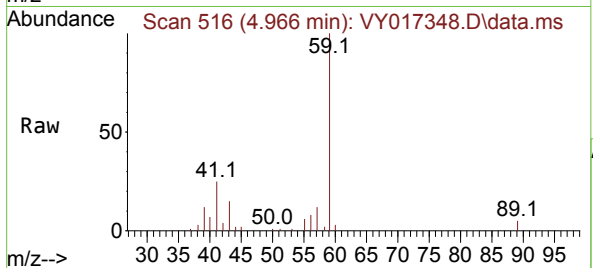
SB-6(15-16)MSD

Tgt Ion: 59 Resp: 22241

Ion Ratio Lower Upper

59 100

57 4.3 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 65.764 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

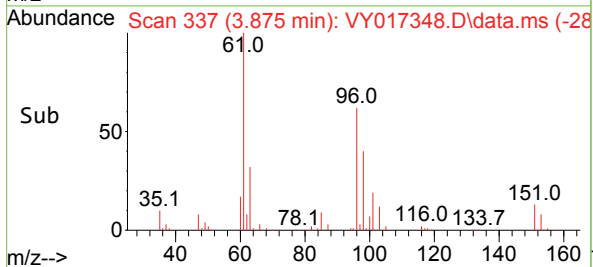
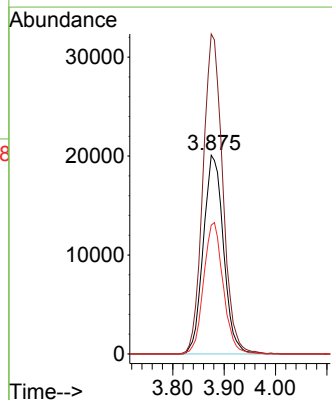
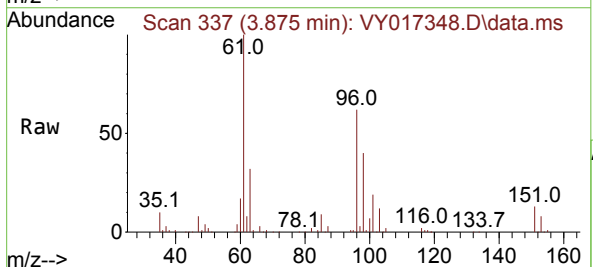
Tgt Ion: 96 Resp: 54908

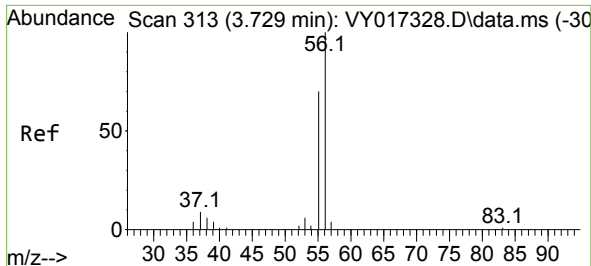
Ion Ratio Lower Upper

96 100

61 161.1 124.2 186.2

98 64.8 52.6 79.0





#13

Acrolein

Concen: 293.561 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

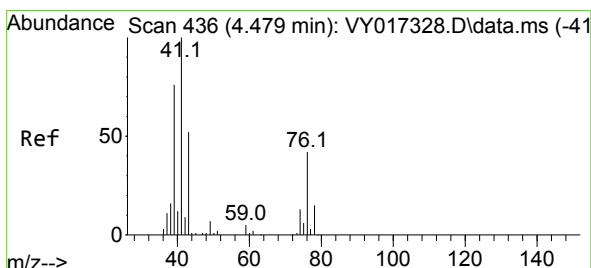
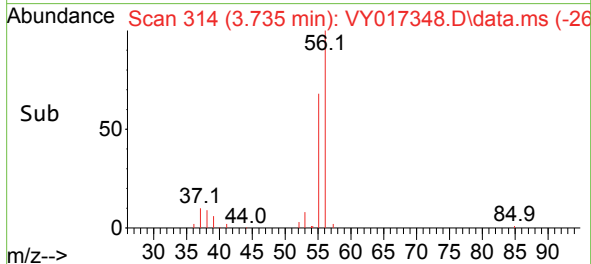
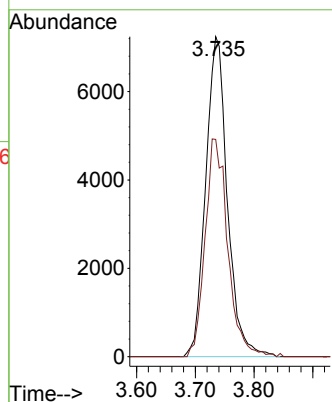
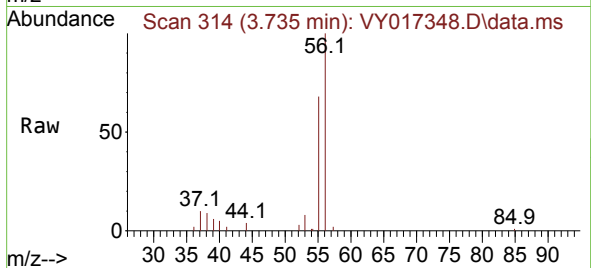
SB-6(15-16)MSD

Tgt Ion: 56 Resp: 18587

Ion Ratio Lower Upper

56 100

55 71.0 55.4 83.0



#14

Allyl chloride

Concen: 69.734 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

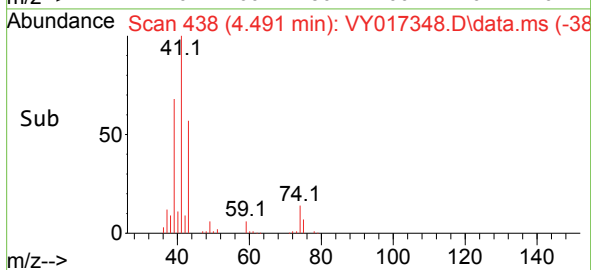
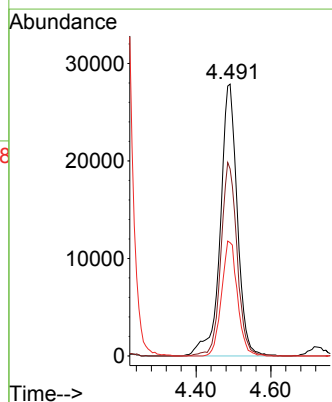
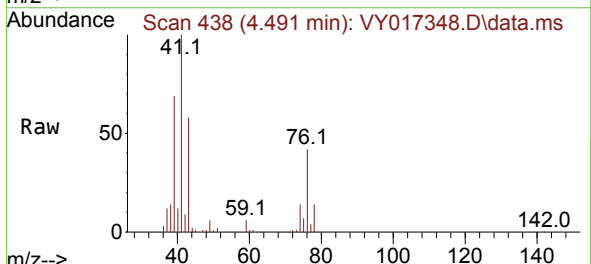
Tgt Ion: 41 Resp: 88020

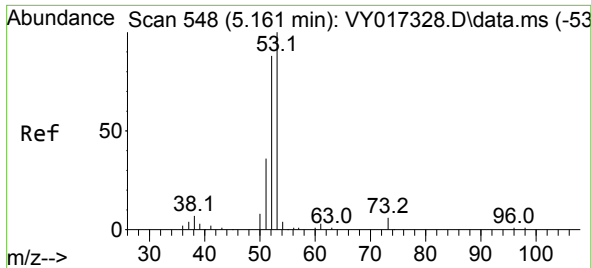
Ion Ratio Lower Upper

41 100

39 67.8 54.7 82.1

76 39.5 31.8 47.6

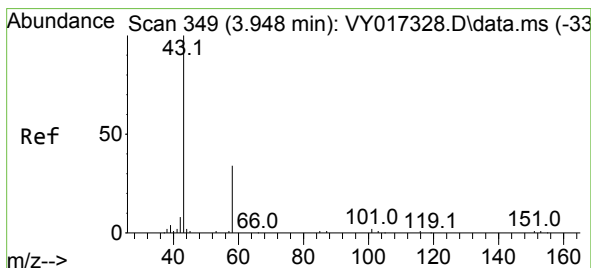
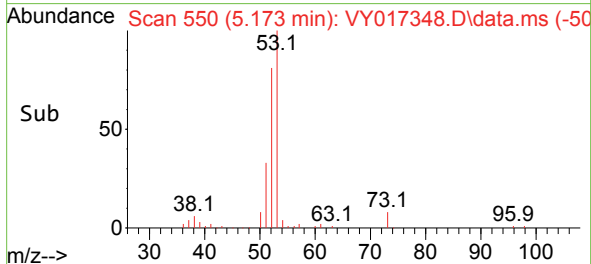
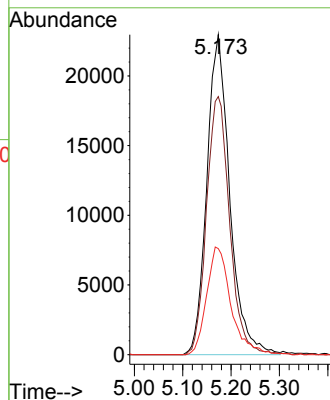
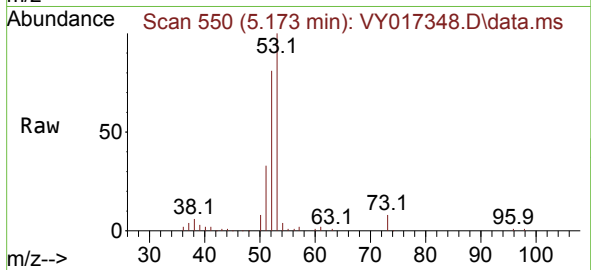




#15
Acrylonitrile
Concen: 363.094 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

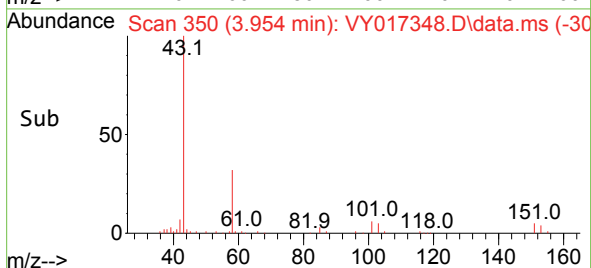
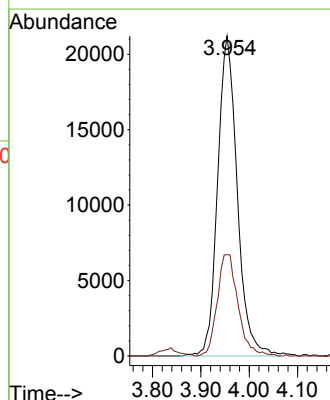
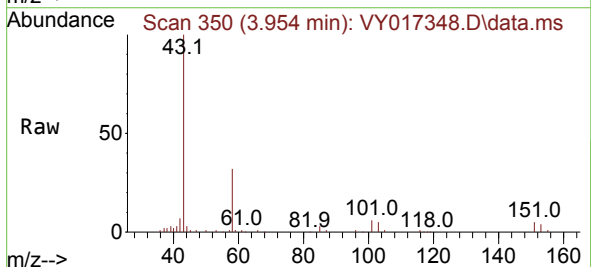
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

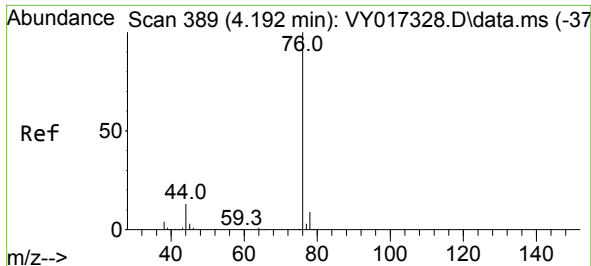
Tgt Ion: 53	Resp: 75588
Ion Ratio	Lower Upper
53	100
52	81.4 65.1 97.7
51	35.8 29.0 43.4



#16
Acetone
Concen: 264.093 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 43	Resp: 59728
Ion Ratio	Lower Upper
43	100
58	31.6 26.6 39.8

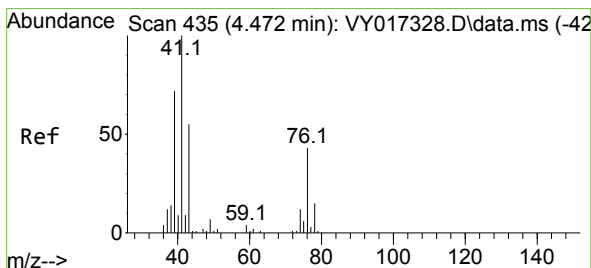
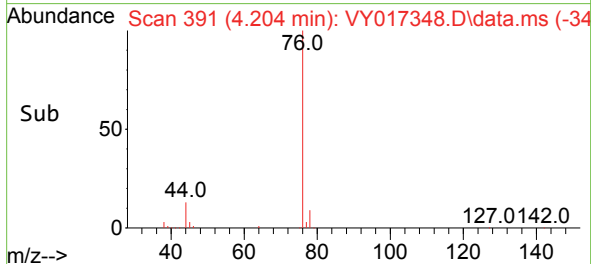
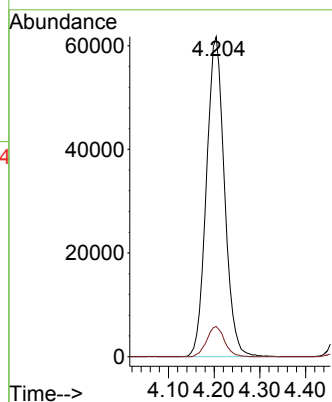
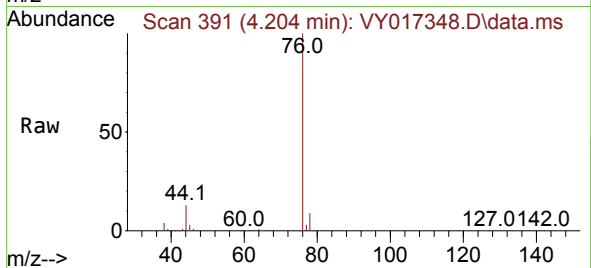




#17
Carbon Disulfide
Concen: 63.425 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

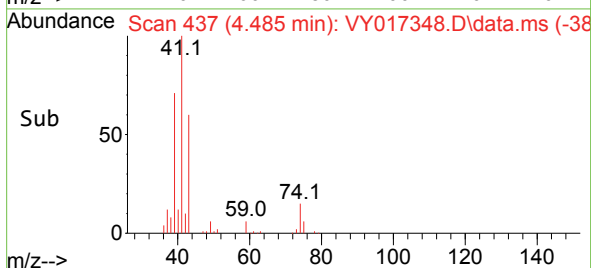
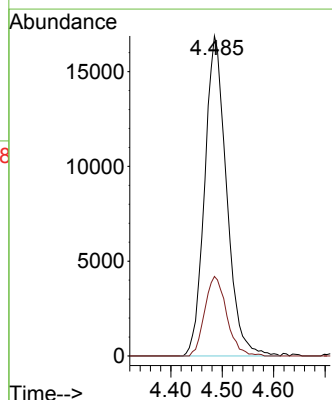
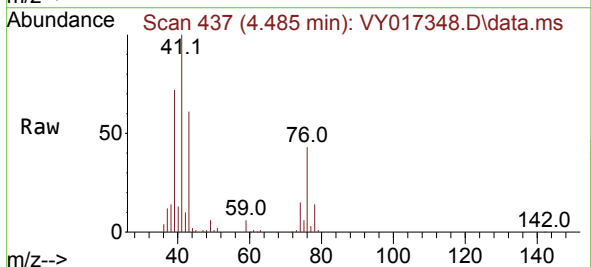
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

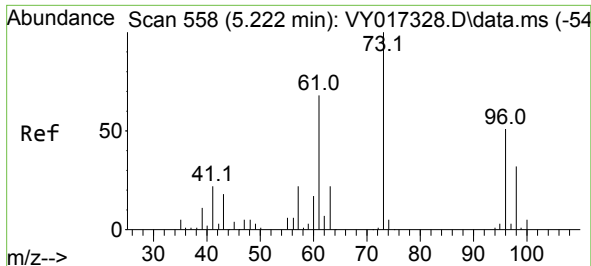
Tgt Ion: 76 Resp: 169042
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 99.047 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 43 Resp: 49972
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6

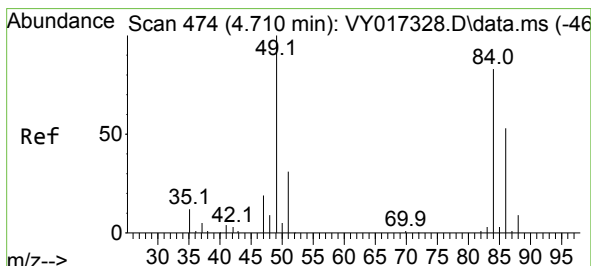
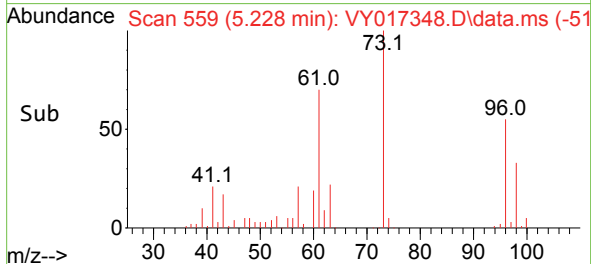
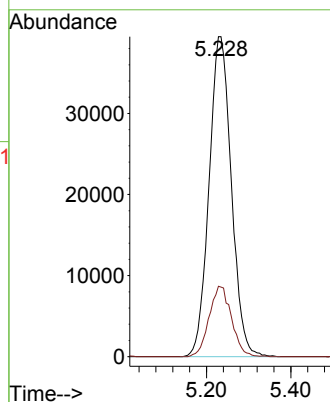
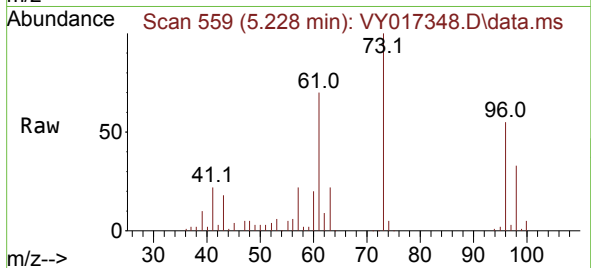




#19
Methyl tert-butyl Ether
Concen: 72.050 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

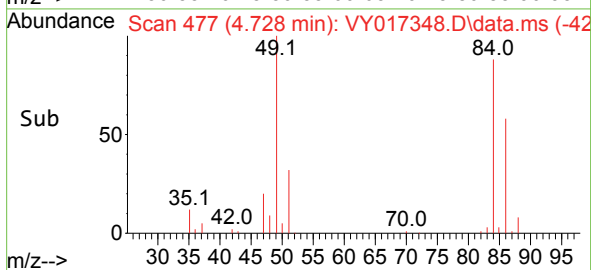
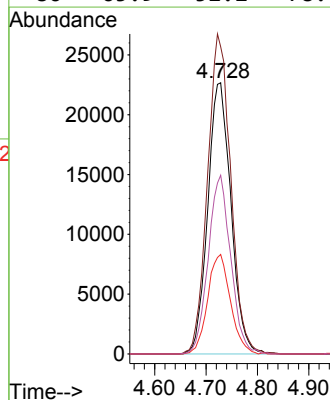
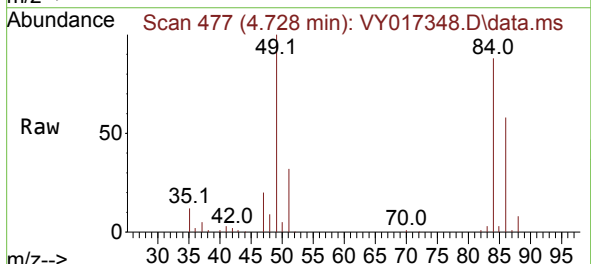
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

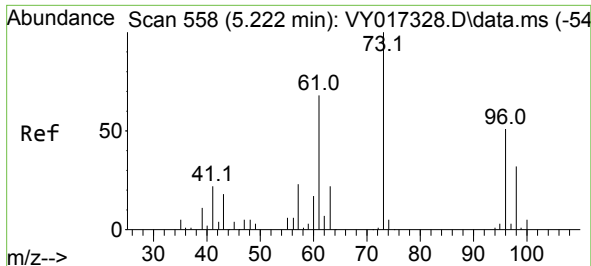
Tgt Ion: 73 Resp: 144880
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 78.862 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

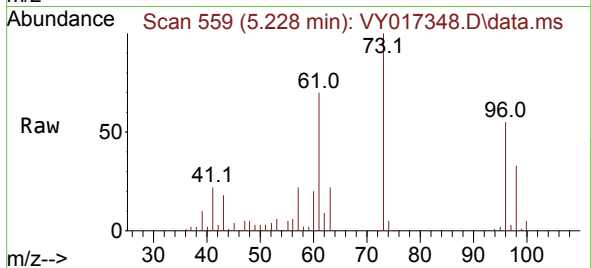
Tgt Ion: 84 Resp: 71175
Ion Ratio Lower Upper
84 100
49 113.3 95.2 142.8
51 36.7 29.9 44.9
86 65.9 52.2 78.4



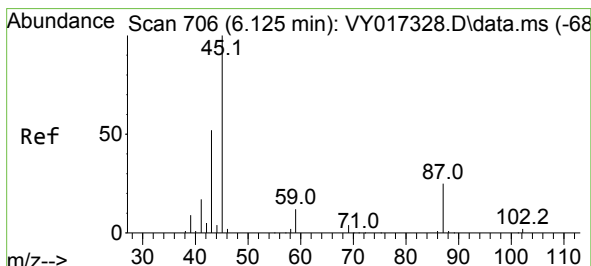
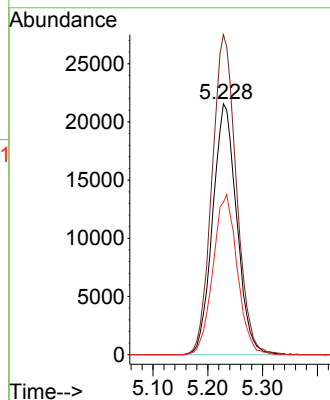
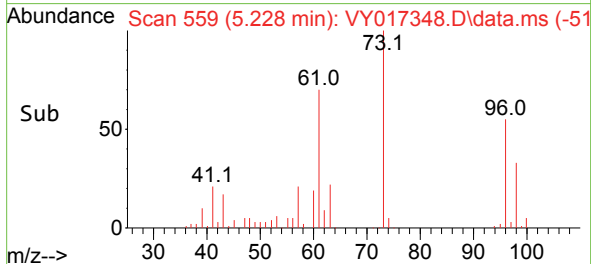


#21
trans-1,2-Dichloroethene
Concen: 69.262 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

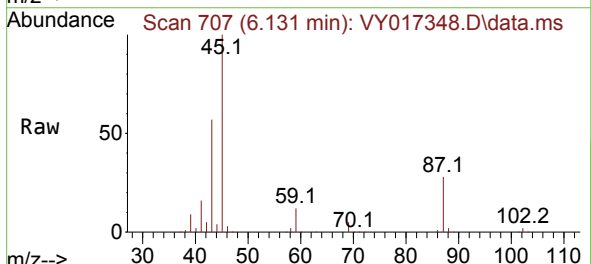
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD



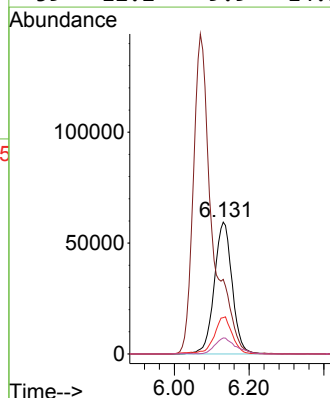
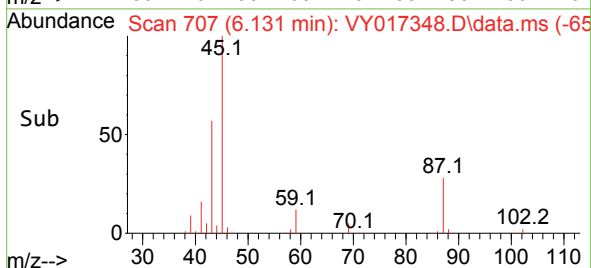
Tgt Ion: 96 Resp: 65787
Ion Ratio Lower Upper
96 100
61 127.5 104.6 156.8
98 60.7 50.9 76.3

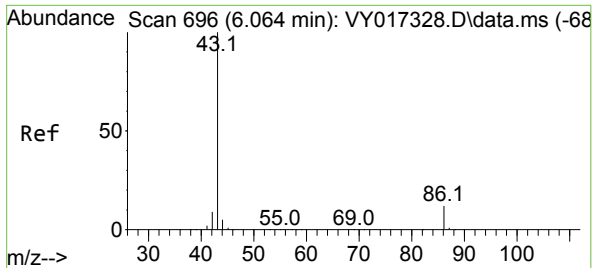


#22
Diisopropyl ether
Concen: 71.326 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42



Tgt Ion: 45 Resp: 197709
Ion Ratio Lower Upper
45 100
43 56.3 46.8 70.2
87 27.6 22.2 33.2
59 12.2 9.9 14.9

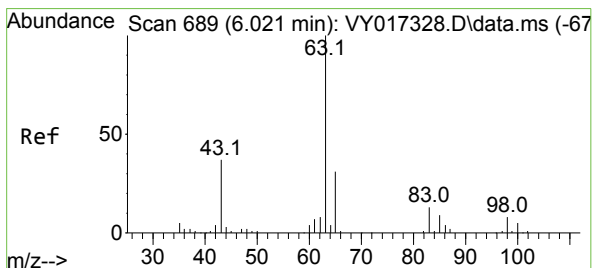
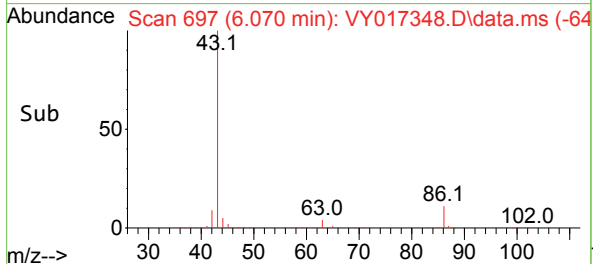
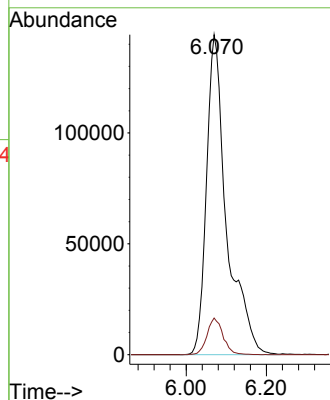
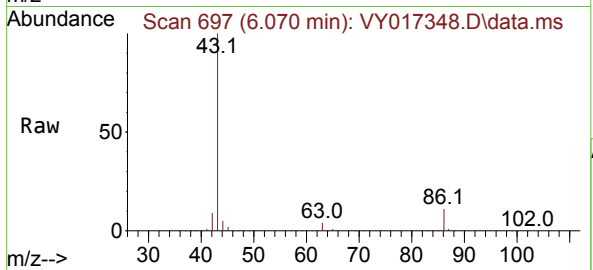




#23
Vinyl Acetate
Concen: 298.841 ug/l
RT: 6.070 min Scan# 696
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

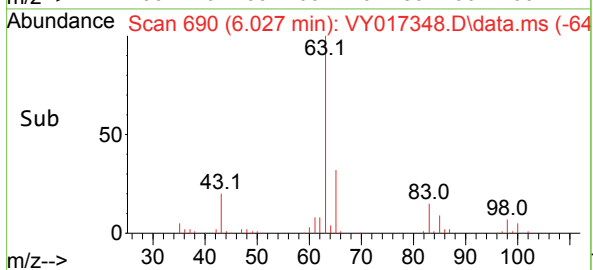
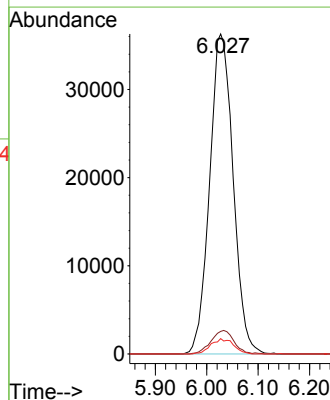
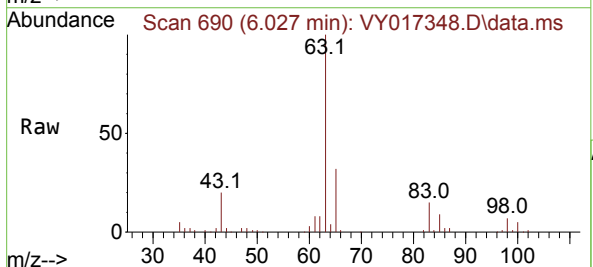
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

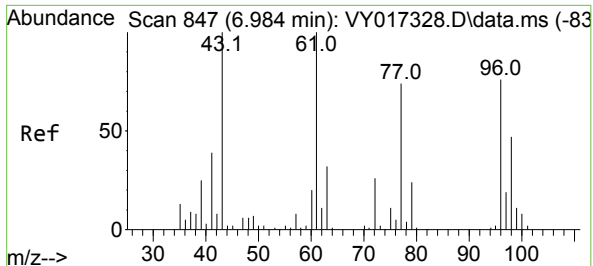
Tgt Ion: 43 Resp: 501916
Ion Ratio Lower Upper
43 100
86 11.4 8.6 13.0



#24
1,1-Dichloroethane
Concen: 67.936 ug/l
RT: 6.027 min Scan# 690
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 63 Resp: 115359
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.4
100 4.8 2.1 6.2





#25

2-Butanone

Concen: 329.227 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

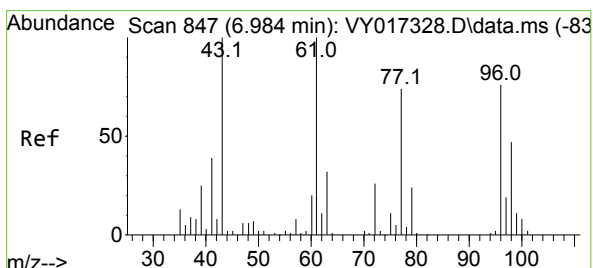
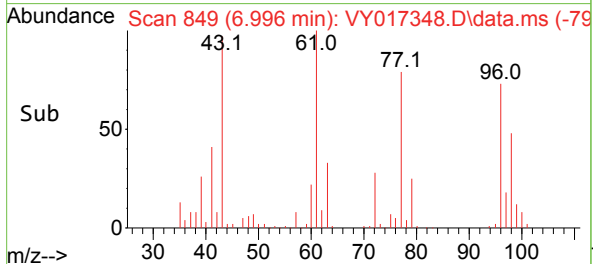
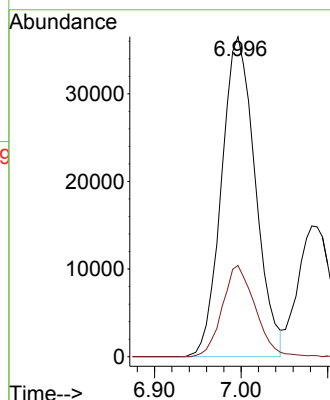
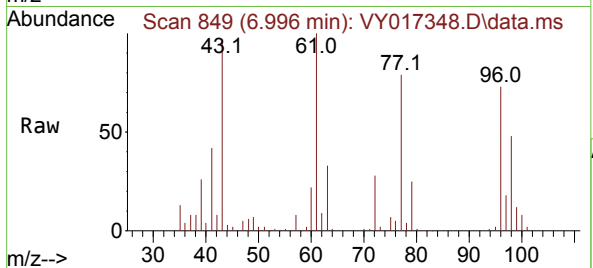
SB-6(15-16)MSD

Tgt Ion: 43 Resp: 98984

Ion Ratio Lower Upper

43 100

72 28.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 64.486 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017348.D

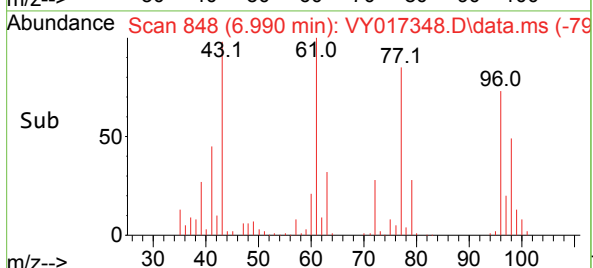
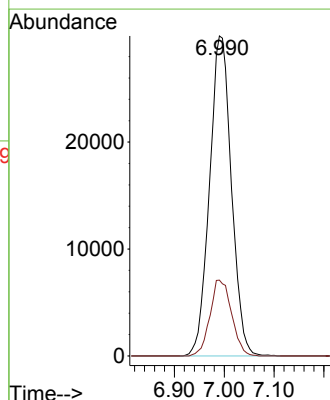
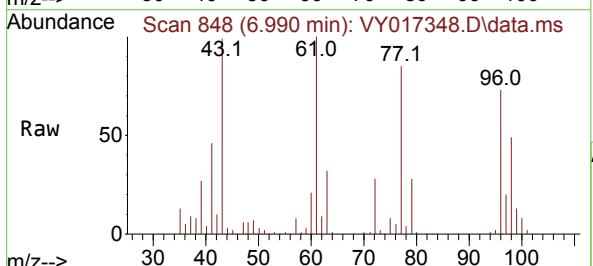
Acq: 09 Feb 2024 18:42

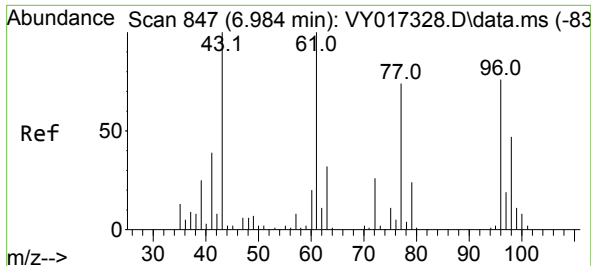
Tgt Ion: 77 Resp: 91080

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 69.951 ug/l

RT: 7.002 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

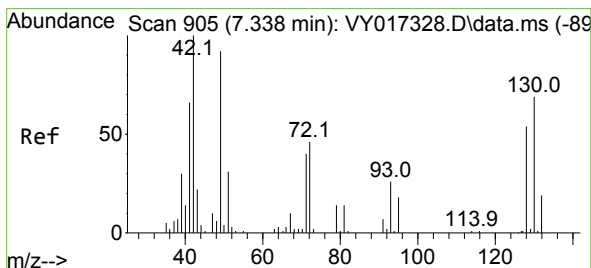
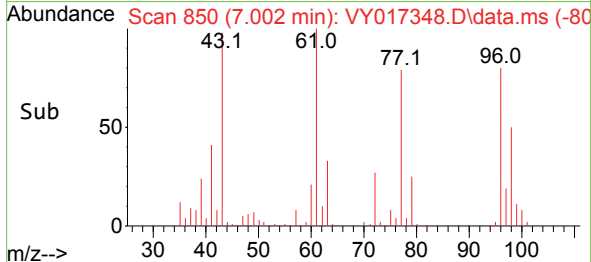
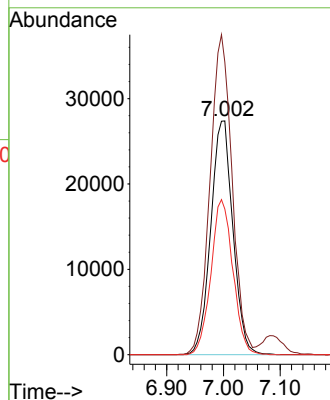
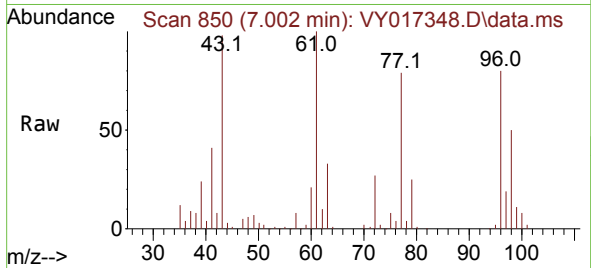
Tgt Ion: 96 Resp: 74311

Ion Ratio Lower Upper

96 100

61 136.7 0.0 278.8

98 65.7 0.0 127.0



#28

Bromochloromethane

Concen: 57.777 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

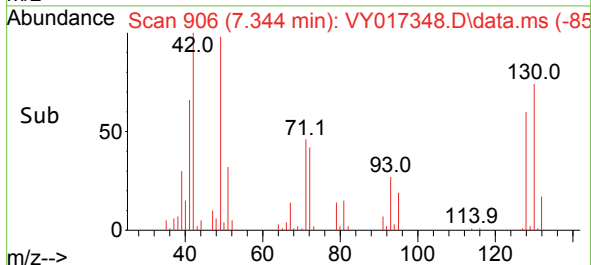
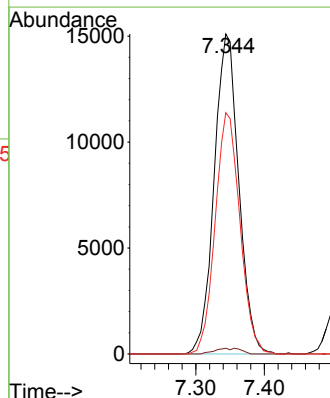
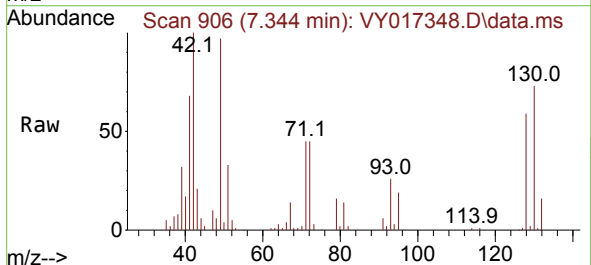
Tgt Ion: 49 Resp: 37565

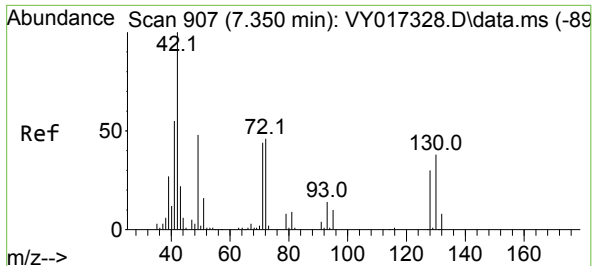
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 75.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 367.236 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

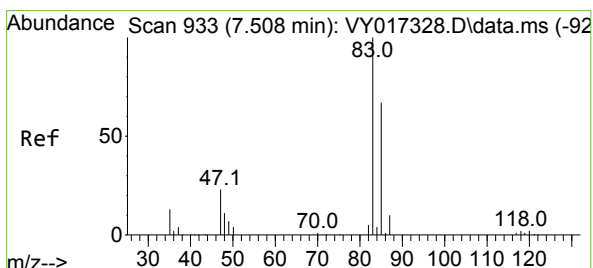
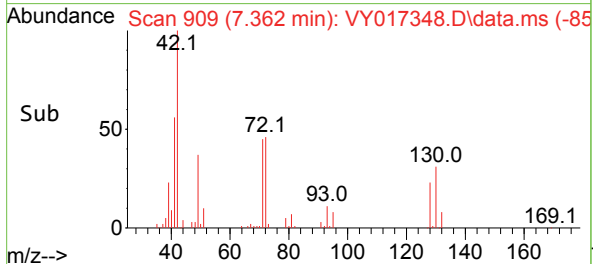
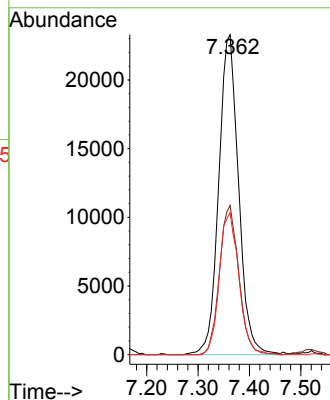
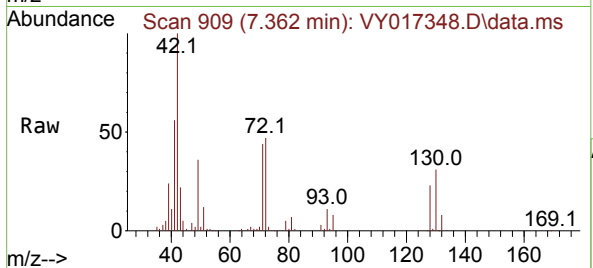
Tgt Ion: 42 Resp: 62371

Ion Ratio Lower Upper

42 100

72 45.5 36.6 54.8

71 43.9 33.8 50.6



#30

Chloroform

Concen: 69.549 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017348.D

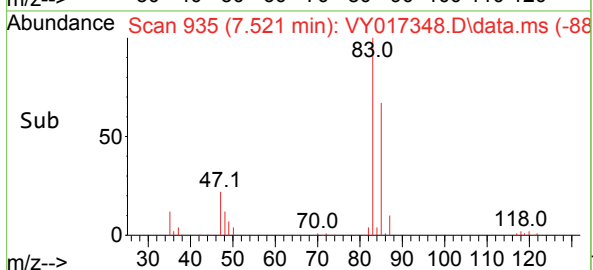
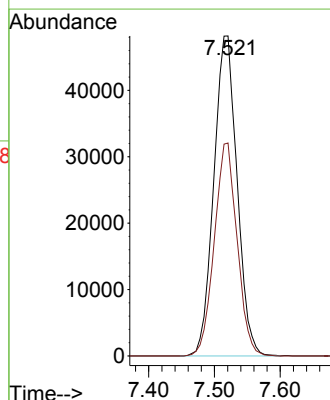
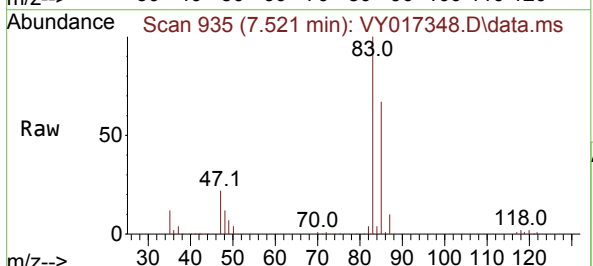
Acq: 09 Feb 2024 18:42

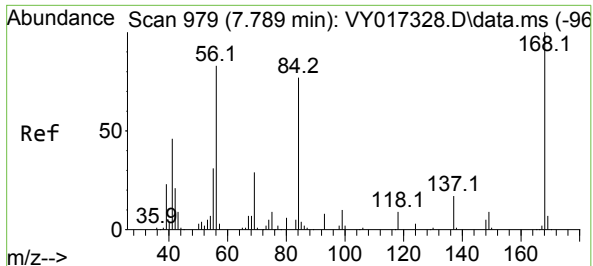
Tgt Ion: 83 Resp: 118802

Ion Ratio Lower Upper

83 100

85 66.5 51.2 76.8

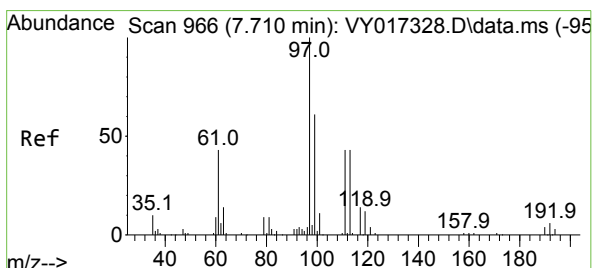
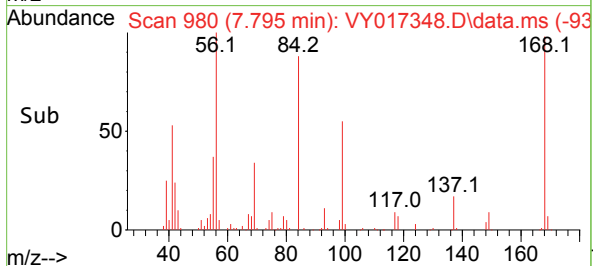
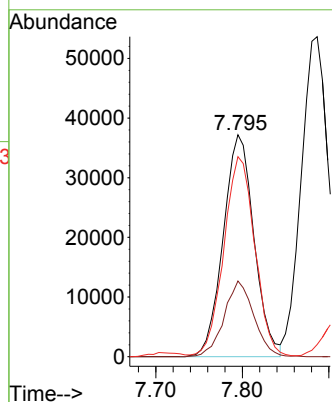
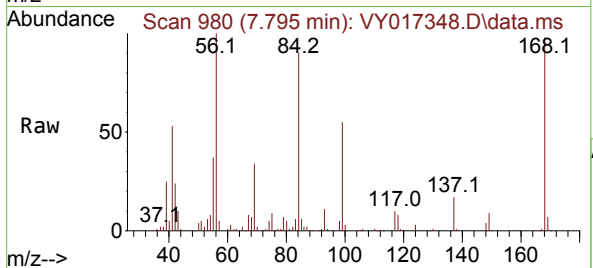




#31
Cyclohexane
Concen: 59.220 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

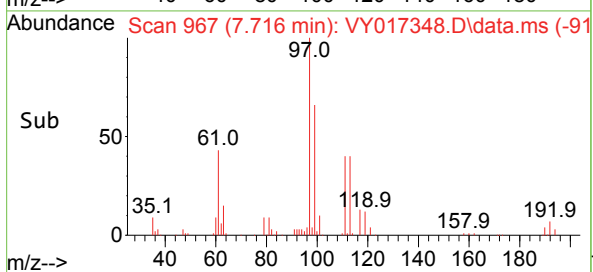
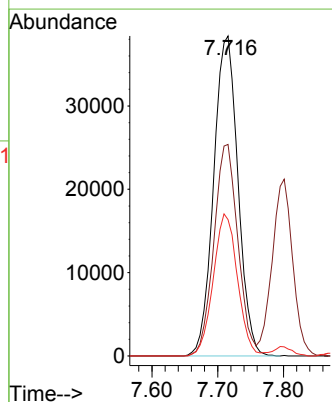
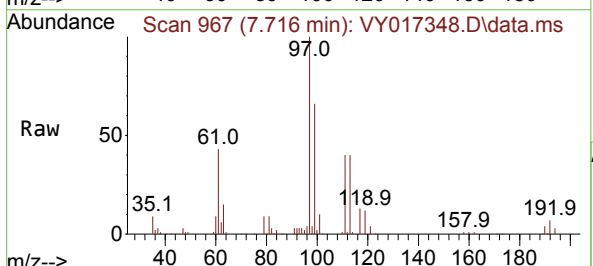
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

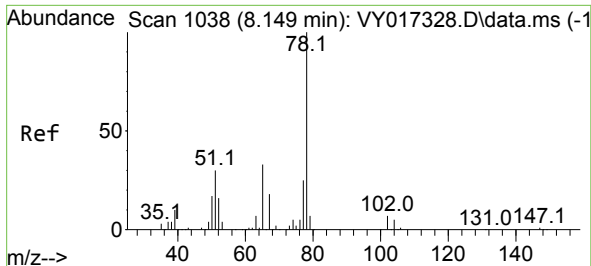
Tgt Ion: 56 Resp: 91850
Ion Ratio Lower Upper
56 100
69 34.1 27.0 40.6
84 88.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 67.305 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 97 Resp: 98892
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 44.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 59.610 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

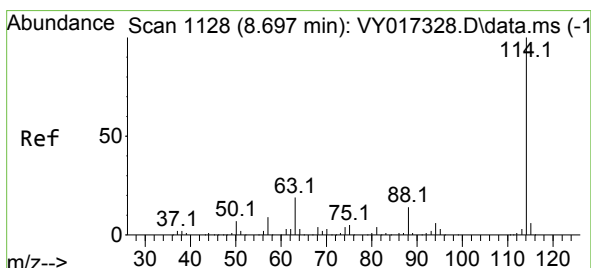
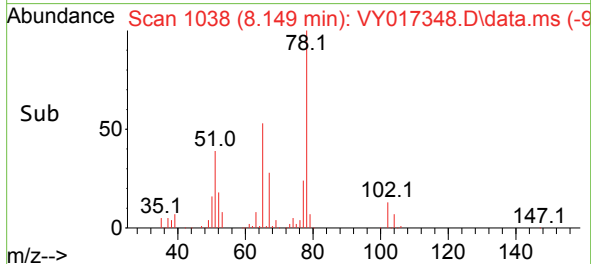
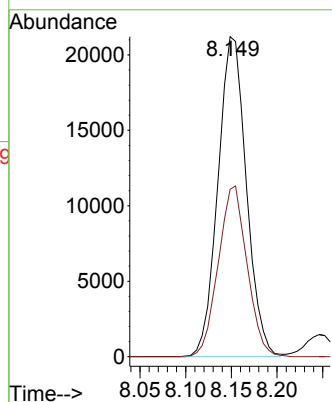
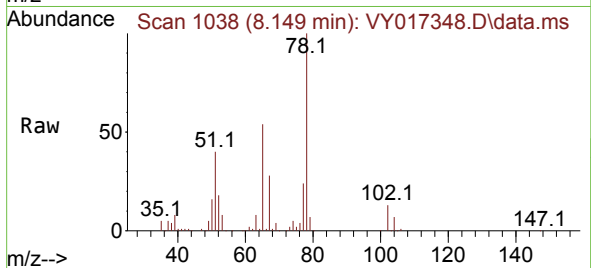
SB-6(15-16)MSD

Tgt Ion: 65 Resp: 45869

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

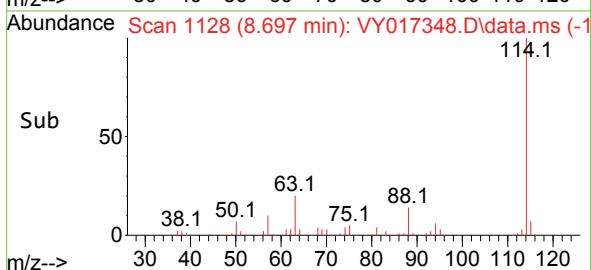
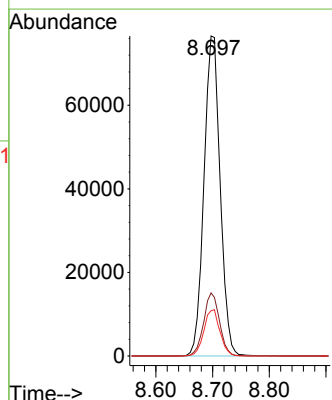
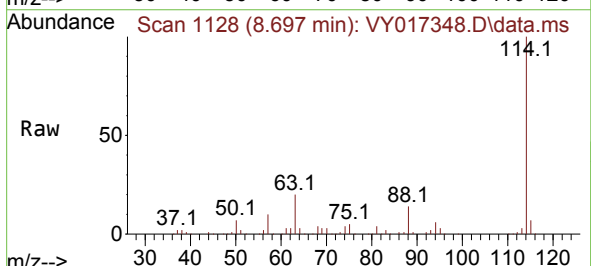
Tgt Ion: 114 Resp: 151194

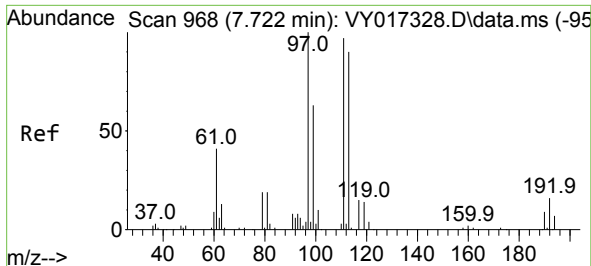
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.2 0.0 29.0

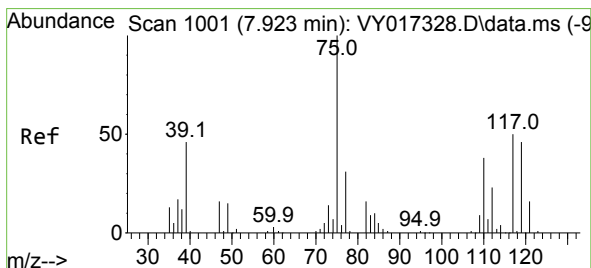
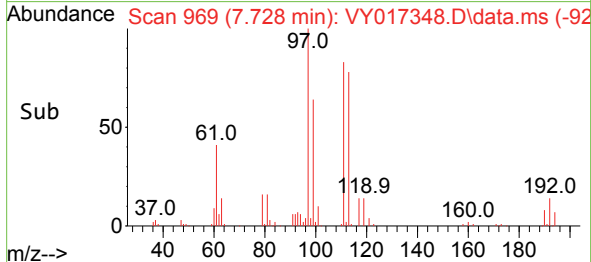
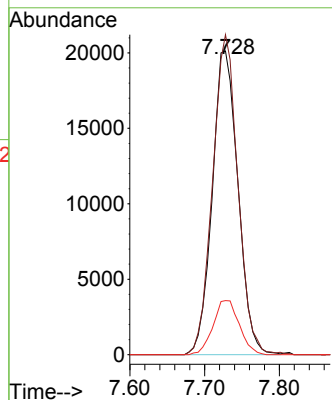
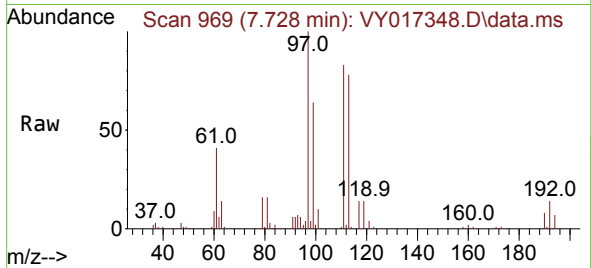




#35
Dibromofluoromethane
Concen: 59.079 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

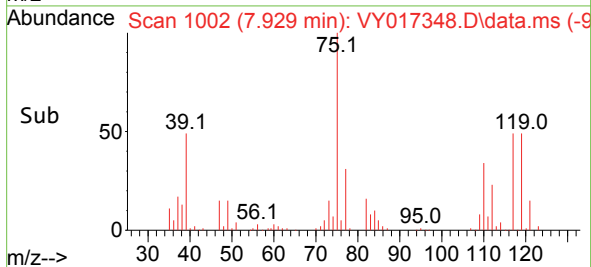
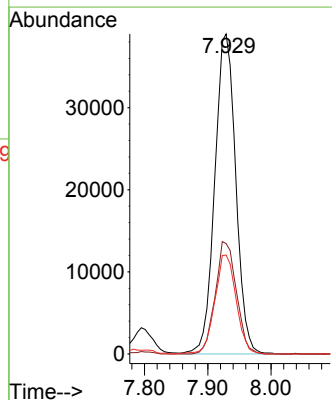
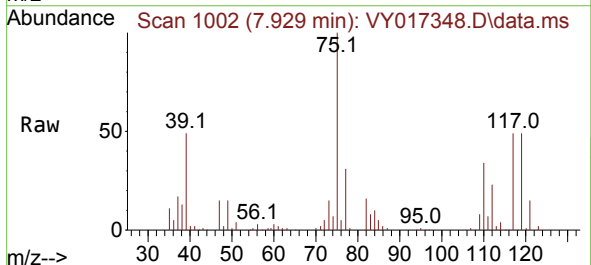
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

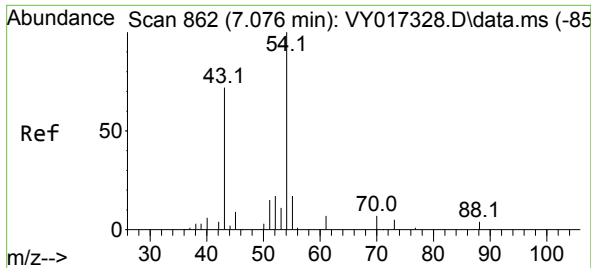
Tgt Ion:113 Resp: 48229
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 63.685 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 75 Resp: 89678
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 31.5 24.7 37.1

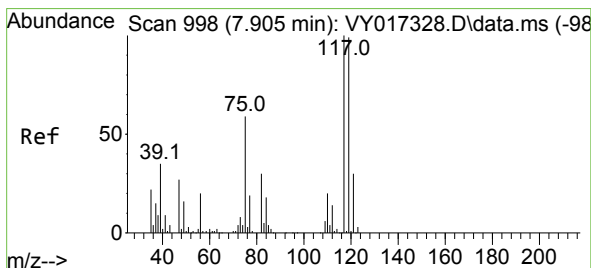
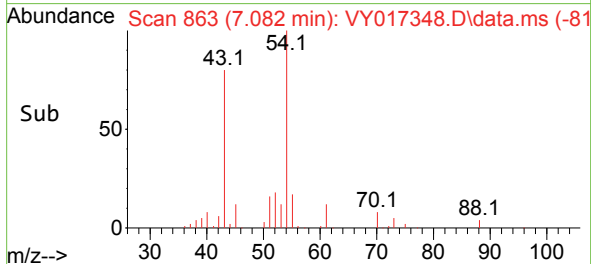
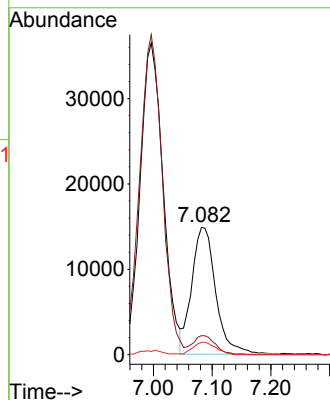
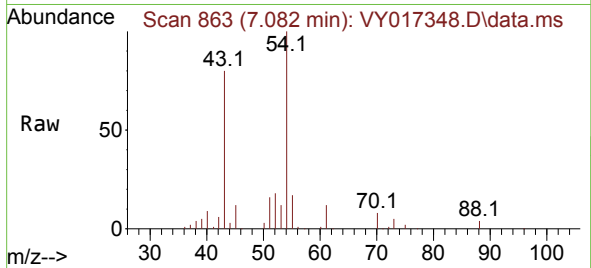




#37
Ethyl Acetate
Concen: 64.477 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

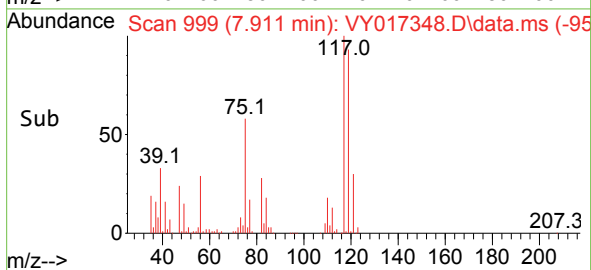
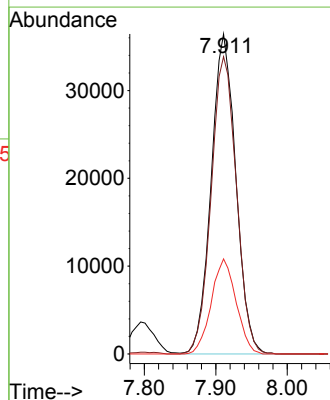
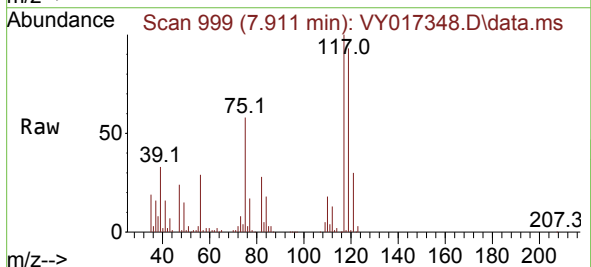
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

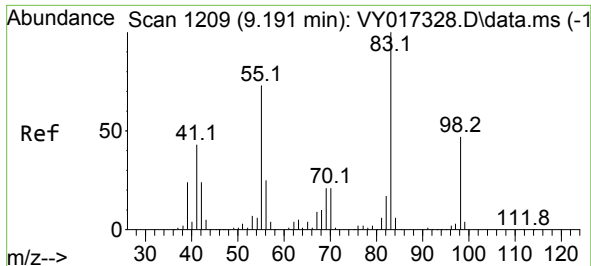
Tgt Ion: 43 Resp: 42111
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 64.677 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 117 Resp: 87201
Ion Ratio Lower Upper
117 100
119 92.9 76.0 114.0
121 29.7 24.2 36.2





#39

Methylcyclohexane

Concen: 57.725 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

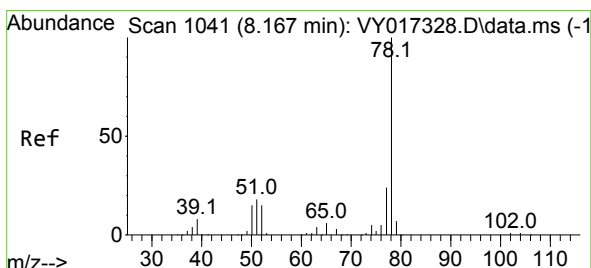
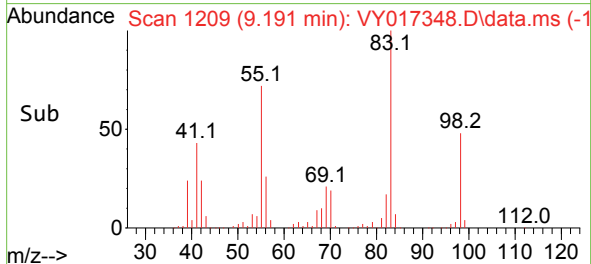
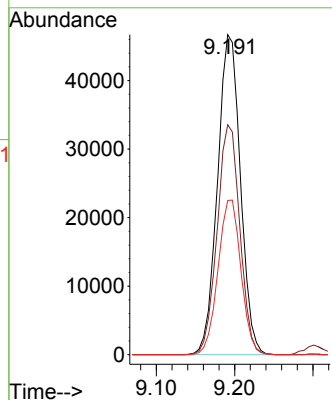
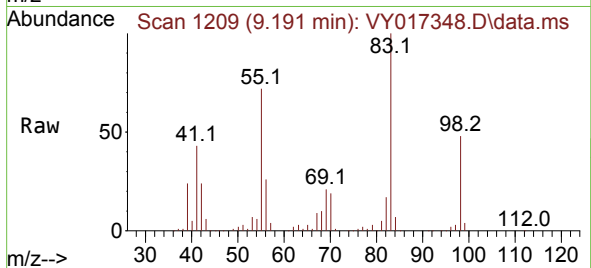
Tgt Ion: 83 Resp: 94963

Ion Ratio Lower Upper

83 100

55 71.9 59.7 89.5

98 48.2 38.0 57.0



#40

Benzene

Concen: 67.192 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017348.D

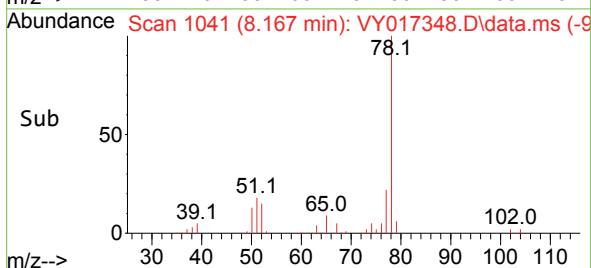
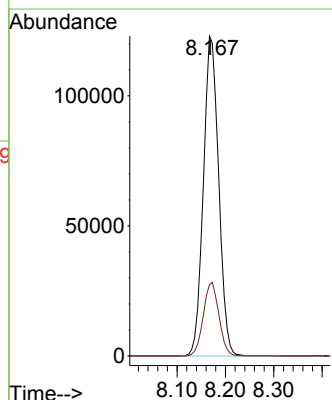
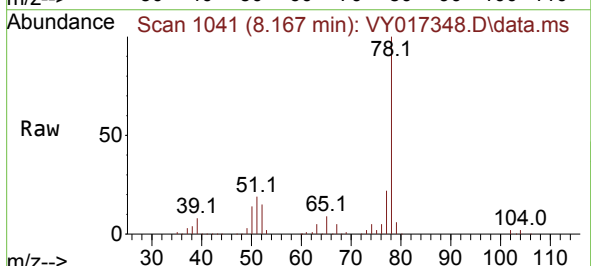
Acq: 09 Feb 2024 18:42

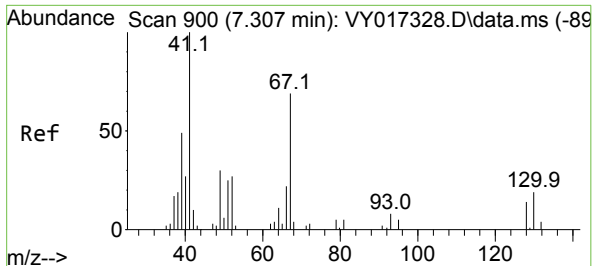
Tgt Ion: 78 Resp: 270197

Ion Ratio Lower Upper

78 100

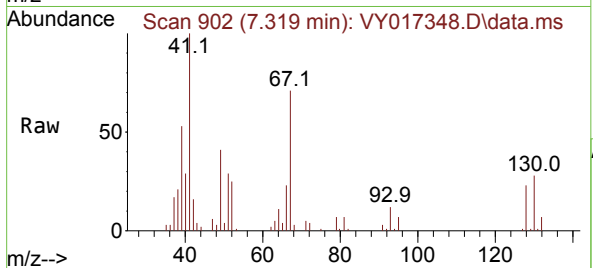
77 22.3 18.8 28.2



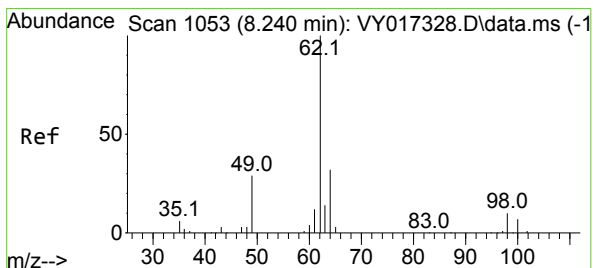
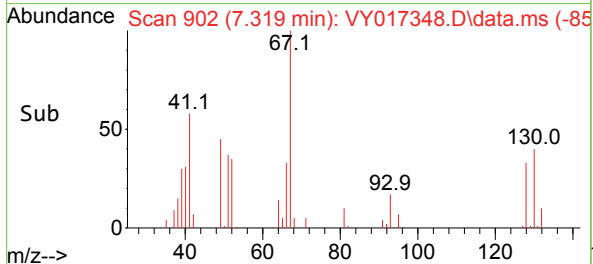
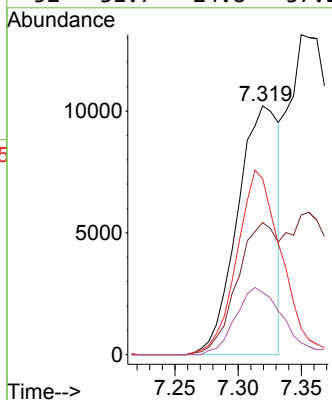


#41
Methacrylonitrile
Concen: 74.722 ug/l
RT: 7.319 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

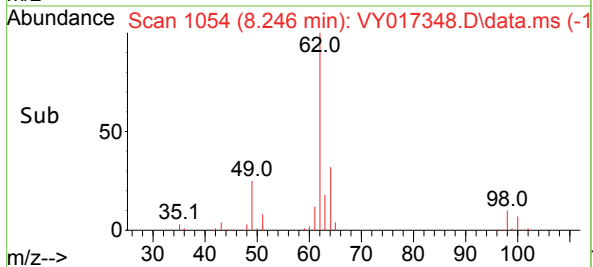
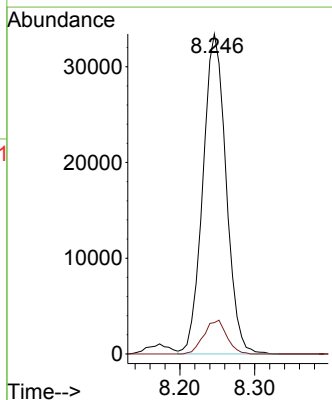
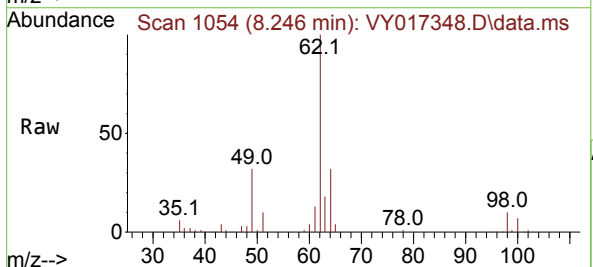


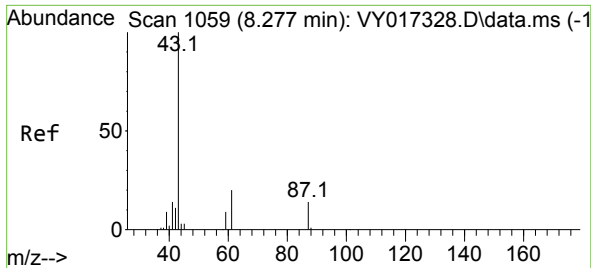
Tgt Ion:	41	Resp:	23122
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.9	62.9
67	80.8	59.8	89.6
52	31.7	24.8	37.2



#42
1,2-Dichloroethane
Concen: 67.653 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion:	62	Resp:	72030
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 67.516 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

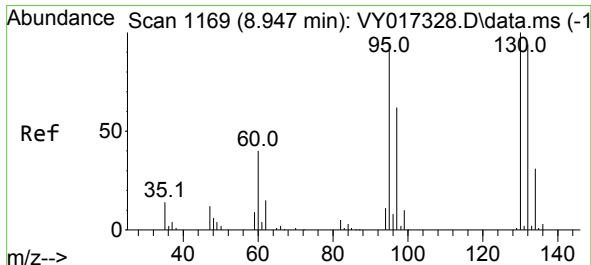
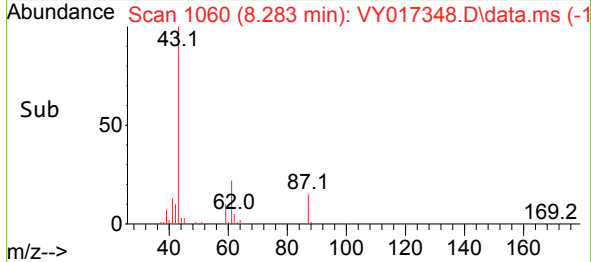
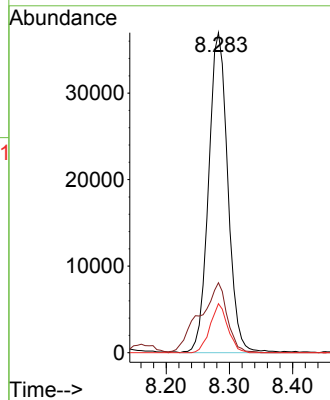
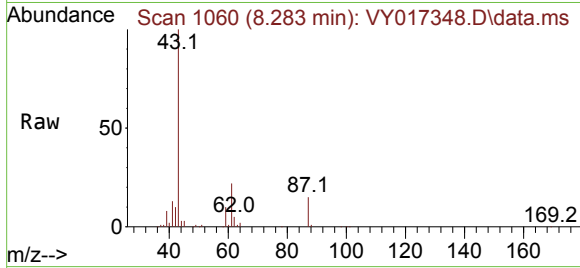
Tgt Ion: 43 Resp: 78058

Ion Ratio Lower Upper

43 100

61 31.2 24.8 37.2

87 14.0 10.7 16.1



#44

Trichloroethene

Concen: 66.794 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY017348.D

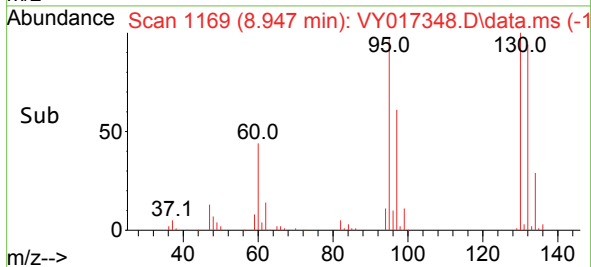
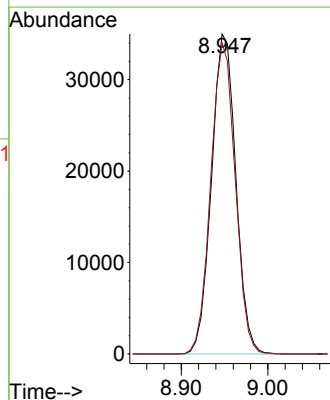
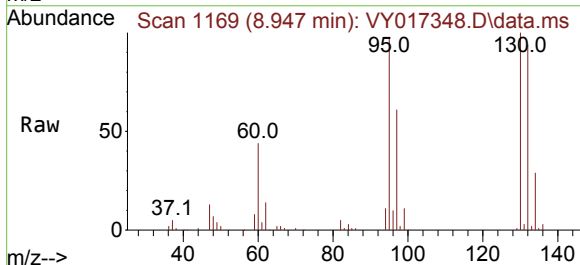
Acq: 09 Feb 2024 18:42

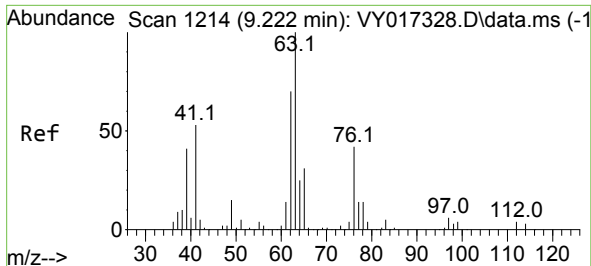
Tgt Ion: 130 Resp: 68181

Ion Ratio Lower Upper

130 100

95 97.1 0.0 203.8

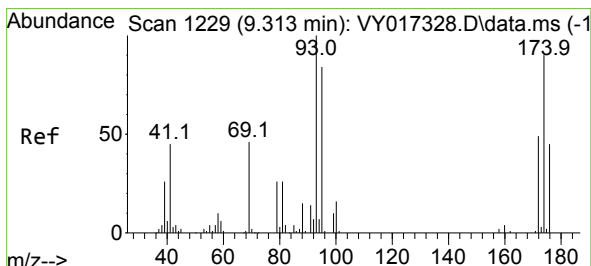
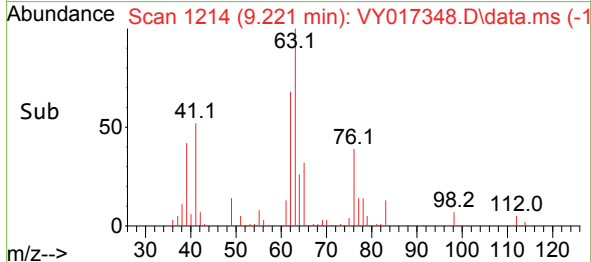
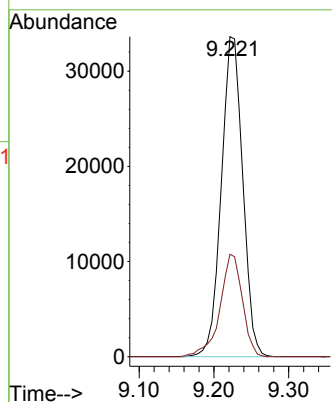
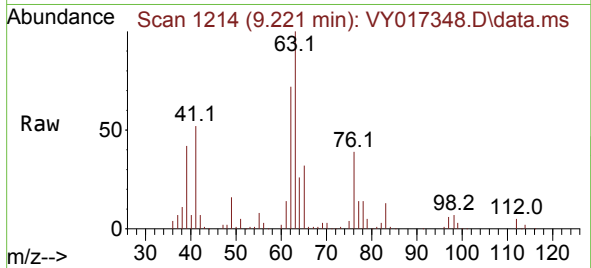




#45
1,2-Dichloropropane
Concen: 67.847 ug/l
RT: 9.221 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

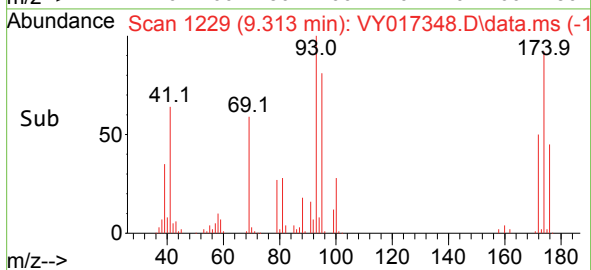
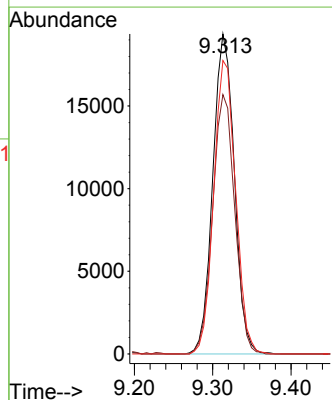
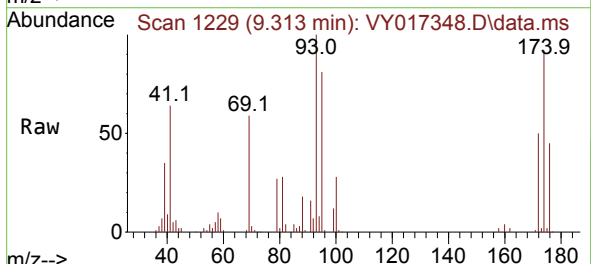
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

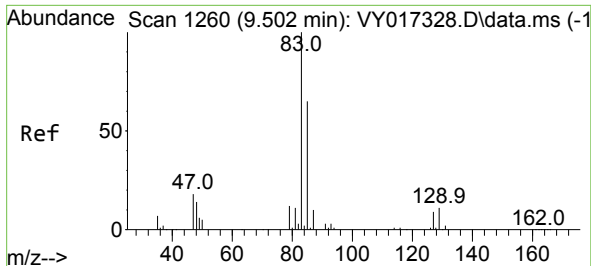
Tgt Ion: 63 Resp: 67015
Ion Ratio Lower Upper
63 100
65 32.0 24.6 36.8



#46
Dibromomethane
Concen: 69.200 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 93 Resp: 36922
Ion Ratio Lower Upper
93 100
95 83.4 66.6 99.8
174 93.3 73.8 110.6

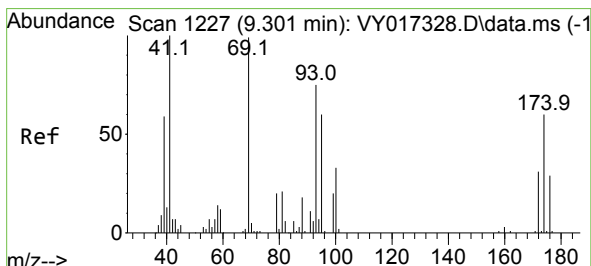
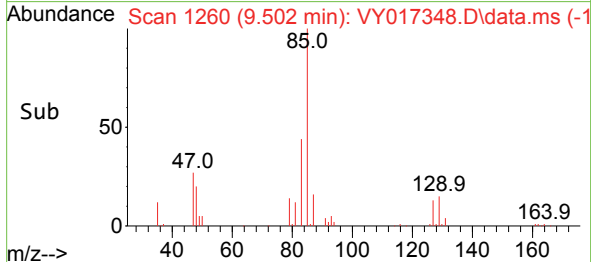
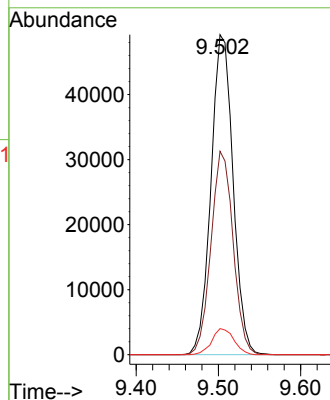
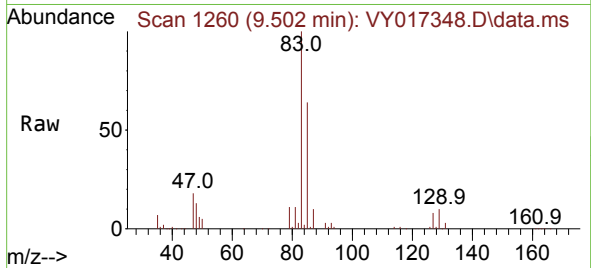




#47
Bromodichloromethane
Concen: 68.687 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

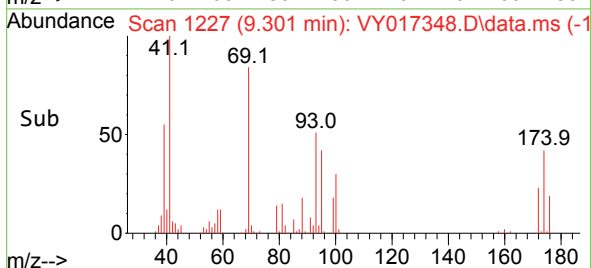
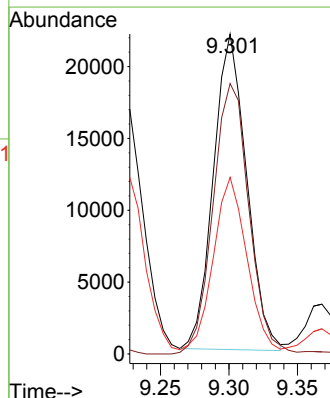
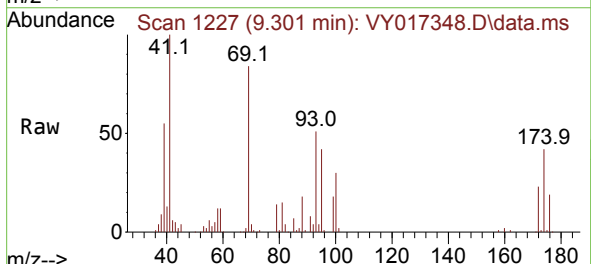
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

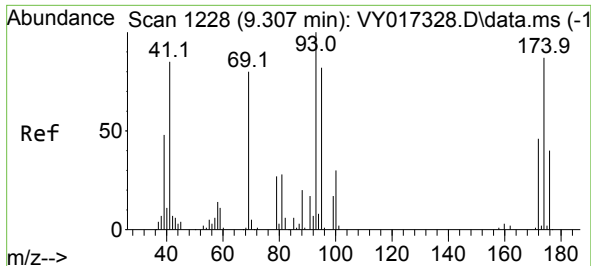
Tgt Ion: 83 Resp: 91717
Ion Ratio Lower Upper
83 100
85 63.6 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 68.264 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 41 Resp: 37019
Ion Ratio Lower Upper
41 100
69 92.7 72.1 108.1
39 57.3 42.8 64.2





#49

1,4-Dioxane

Concen: 1563.342 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

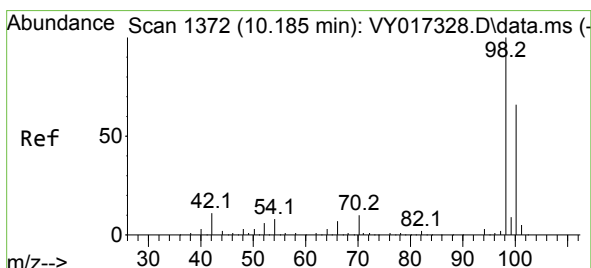
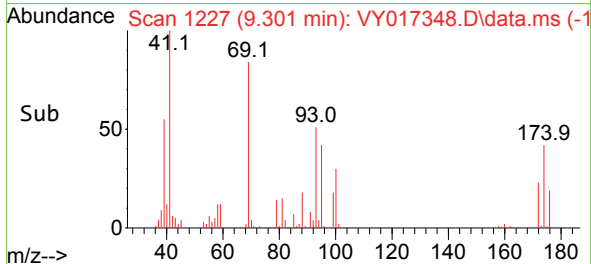
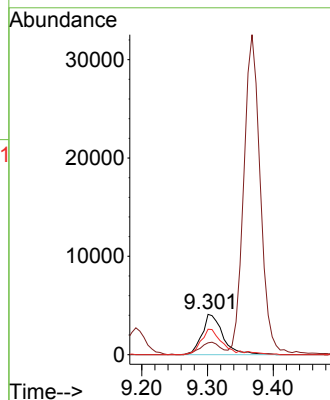
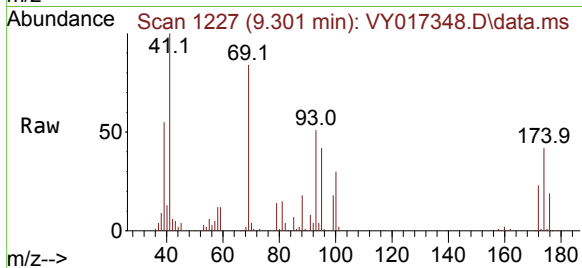
Tgt Ion: 88 Resp: 9079

Ion Ratio Lower Upper

88 100

43 30.9 28.2 42.4

58 67.9 52.2 78.2



#50

Toluene-d8

Concen: 56.889 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017348.D

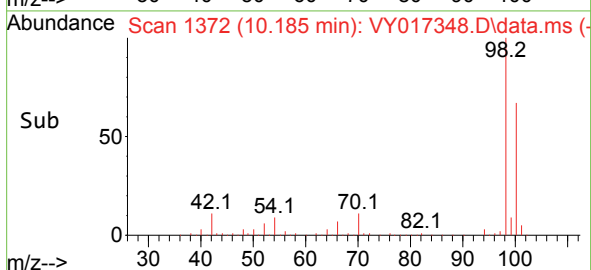
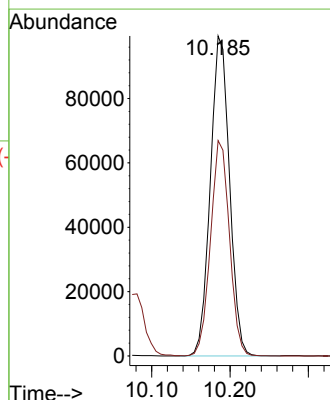
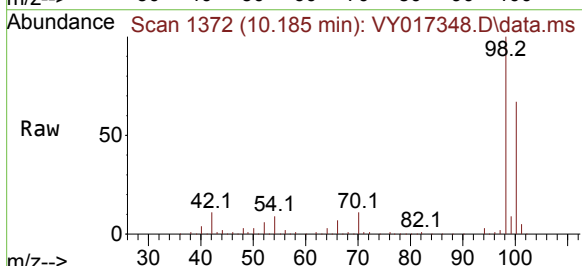
Acq: 09 Feb 2024 18:42

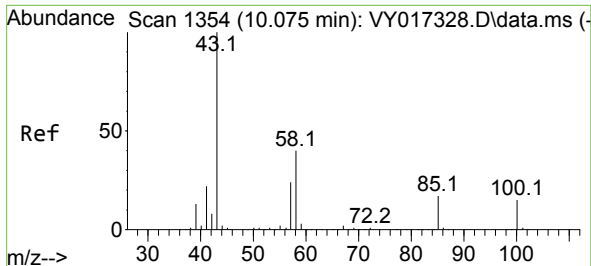
Tgt Ion: 98 Resp: 169090

Ion Ratio Lower Upper

98 100

100 66.5 52.3 78.5

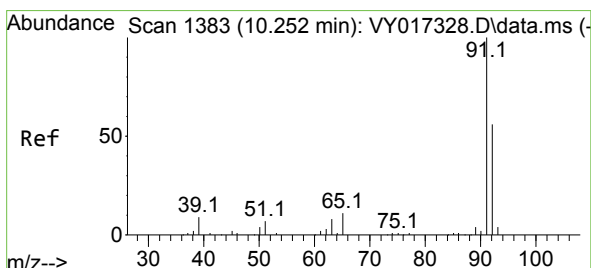
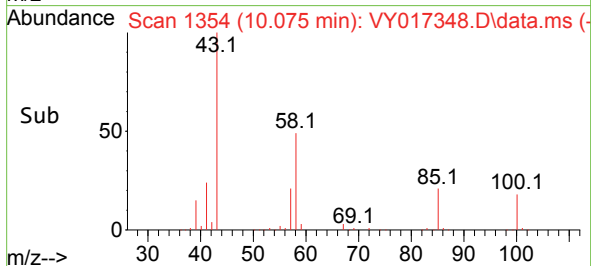
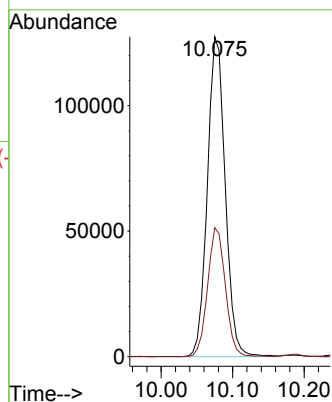
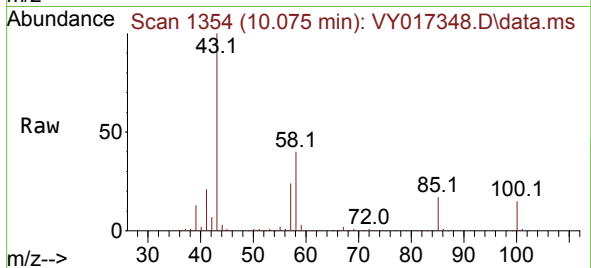




#51
4-Methyl-2-Pentanone
Concen: 356.022 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

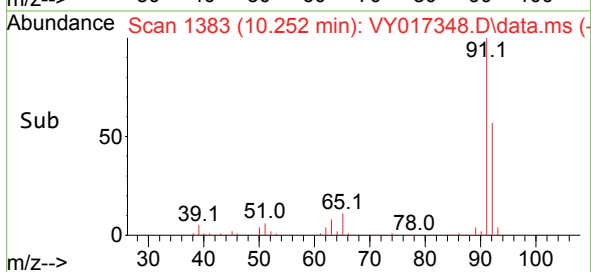
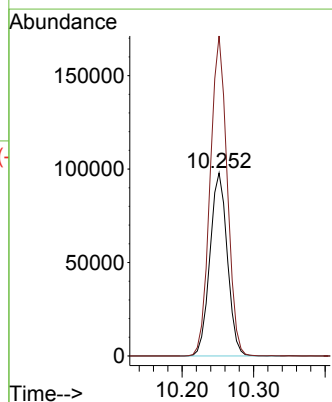
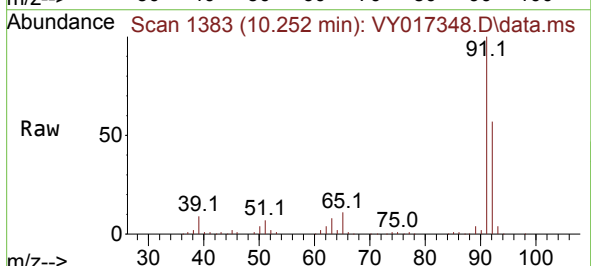
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

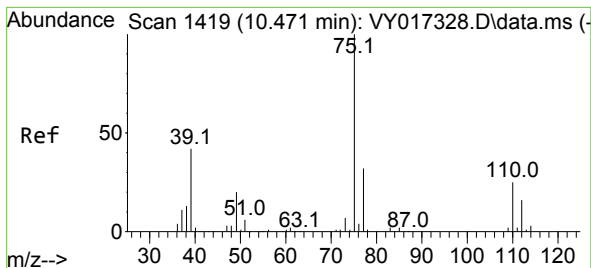
Tgt Ion: 43 Resp: 220645
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 68.030 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 92 Resp: 165126
Ion Ratio Lower Upper
92 100
91 171.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 69.238 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

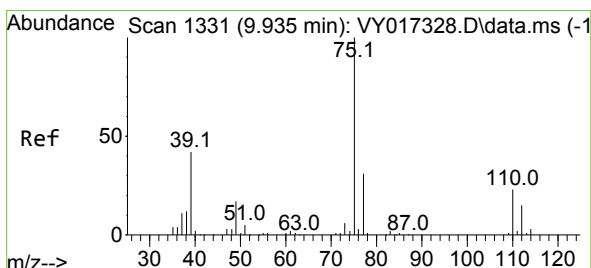
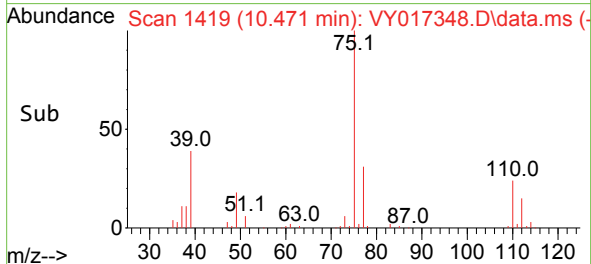
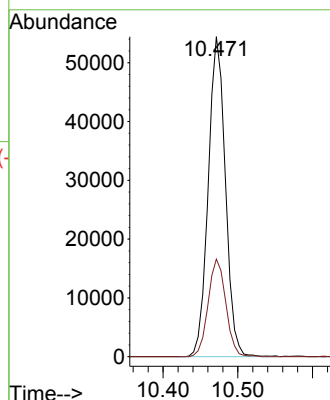
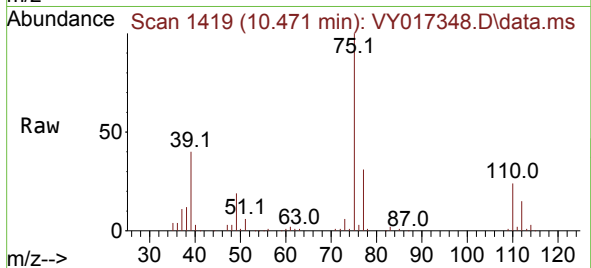
SB-6(15-16)MSD

Tgt Ion: 75 Resp: 86841

Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 68.682 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

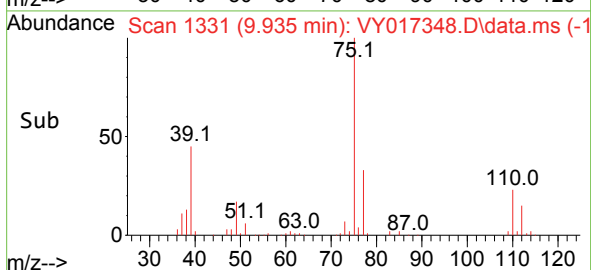
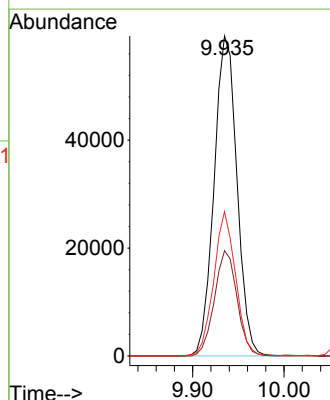
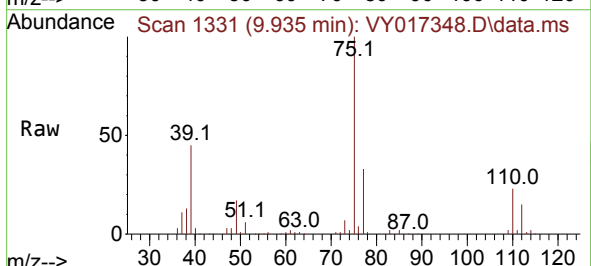
Tgt Ion: 75 Resp: 103180

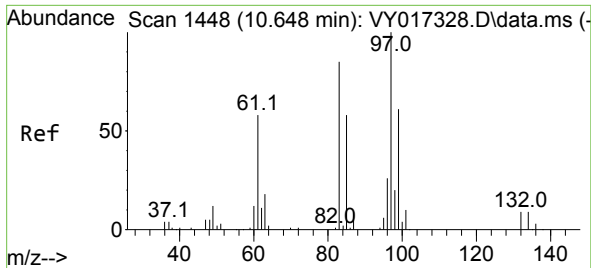
Ion Ratio Lower Upper

75 100

77 32.9 24.6 36.8

39 45.1 33.6 50.4

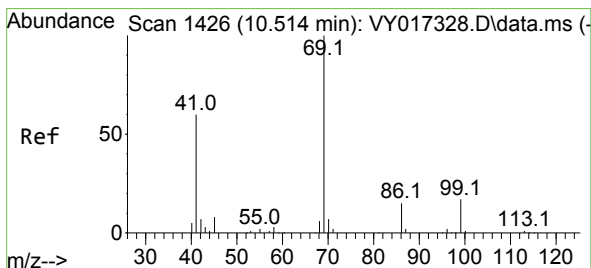
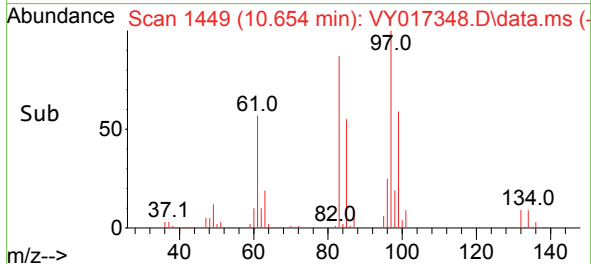
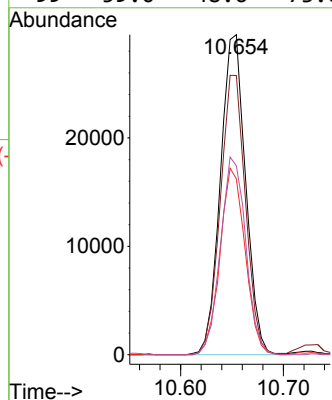
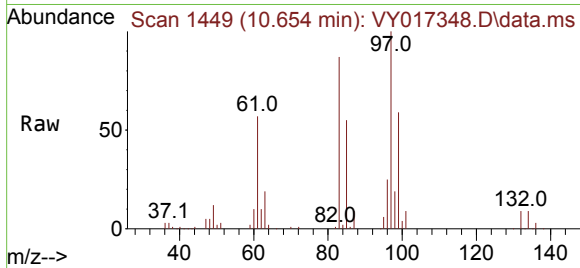




#55
1,1,2-Trichloroethane
Concen: 69.399 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

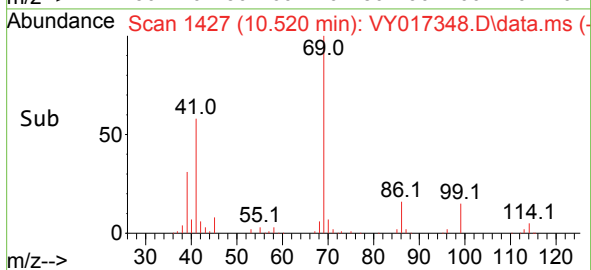
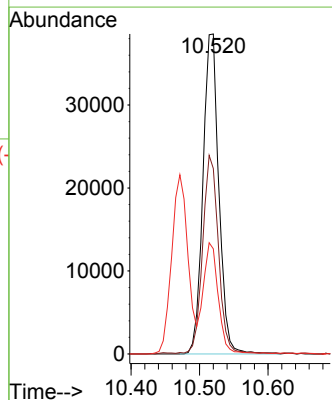
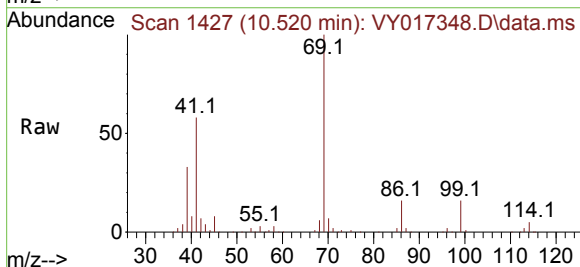
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

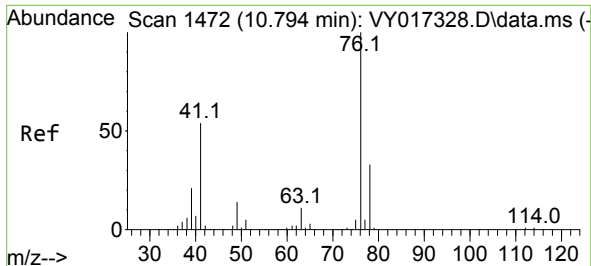
Tgt Ion: 97	Resp: 50379
Ion Ratio	Lower Upper
97 100	
83 87.2	69.4 104.2
85 54.9	43.9 65.9
99 59.0	48.6 73.0



#56
Ethyl methacrylate
Concen: 62.982 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 69	Resp: 62325
Ion Ratio	Lower Upper
69 100	
41 61.0	49.2 73.8
39 32.5	26.8 40.2





#57

1,3-Dichloropropane

Concen: 69.568 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

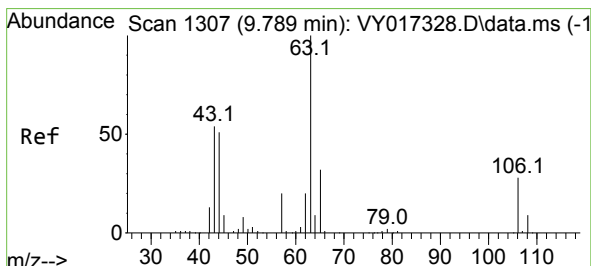
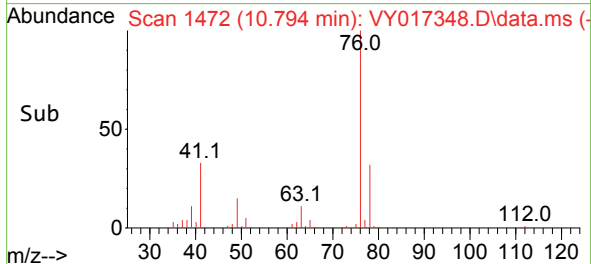
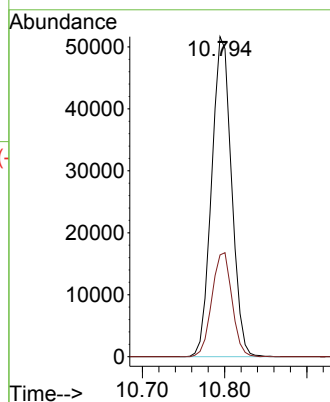
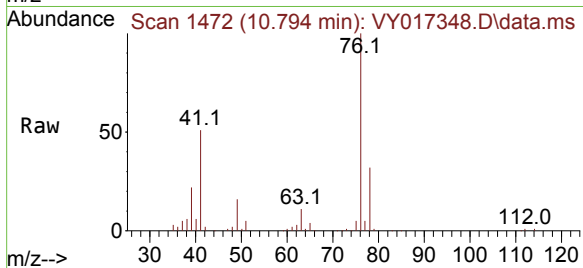
SB-6(15-16)MSD

Tgt Ion: 76 Resp: 86861

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 314.550 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017348.D

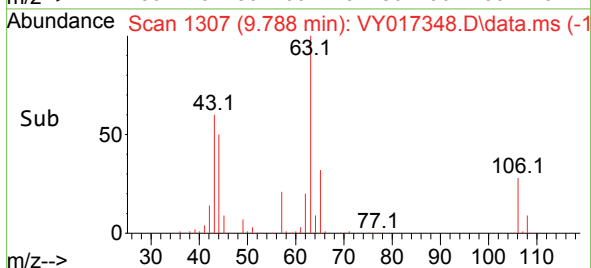
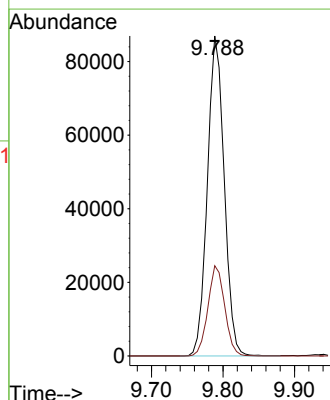
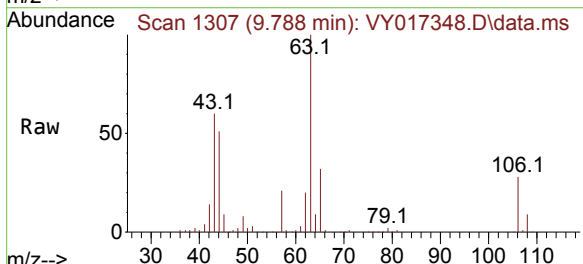
Acq: 09 Feb 2024 18:42

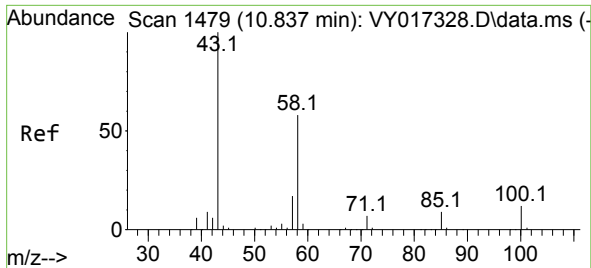
Tgt Ion: 63 Resp: 142253

Ion Ratio Lower Upper

63 100

106 28.1 22.4 33.6

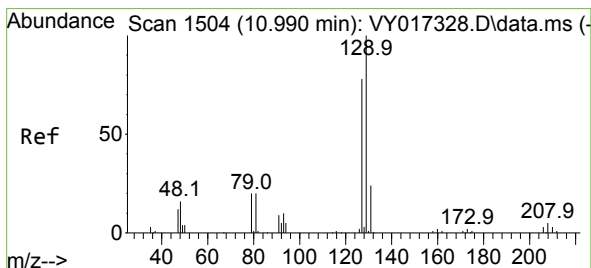
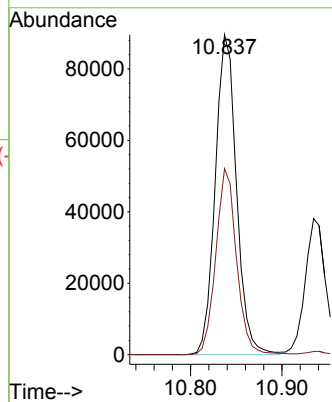
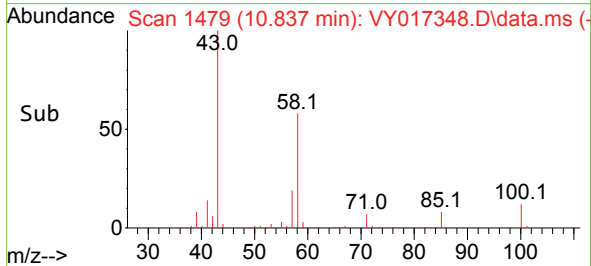
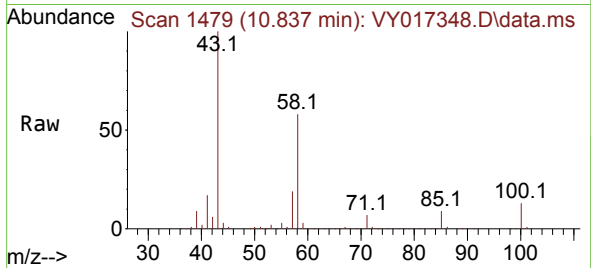




#59
2-Hexanone
Concen: 322.913 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

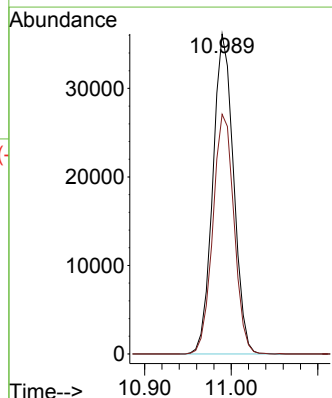
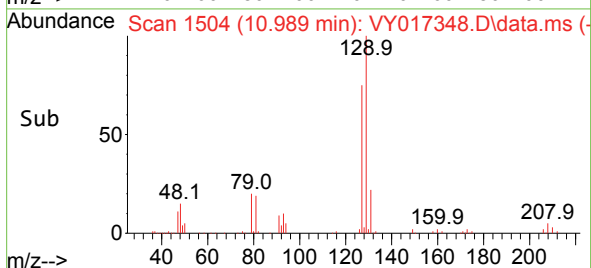
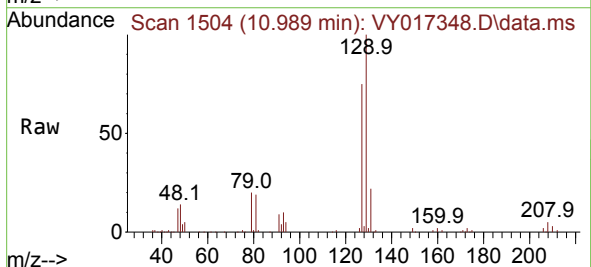
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

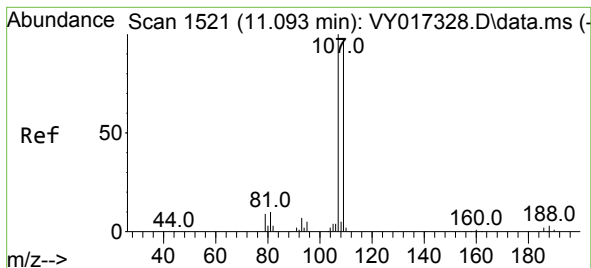
Tgt Ion: 43 Resp: 144712
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3



#60
Dibromochloromethane
Concen: 70.525 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 129 Resp: 60060
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6

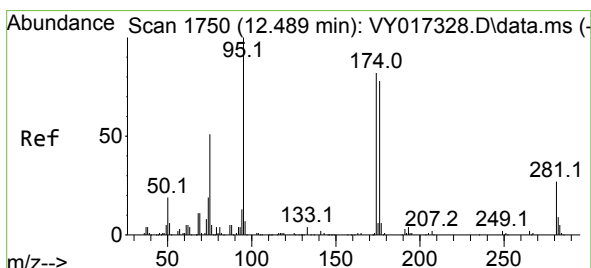
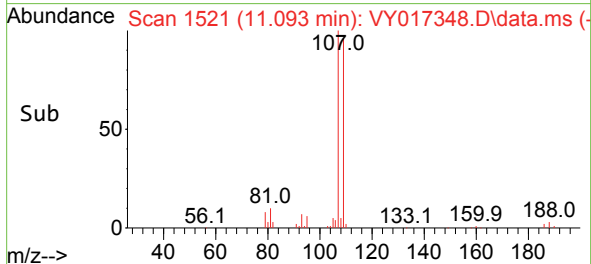
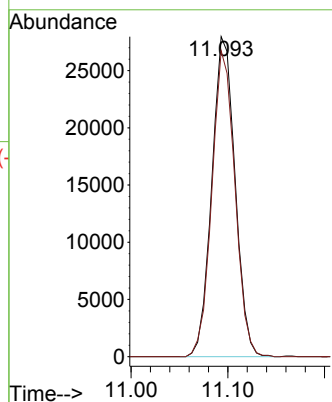
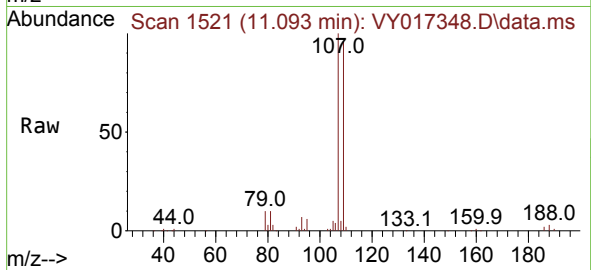




#61
1,2-Dibromoethane
Concen: 69.151 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

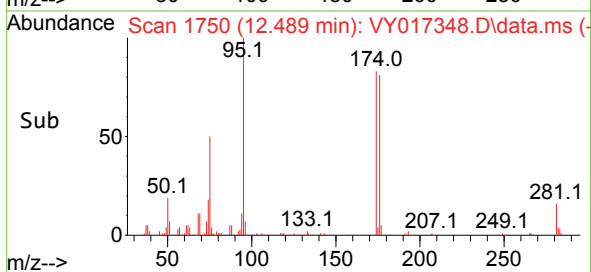
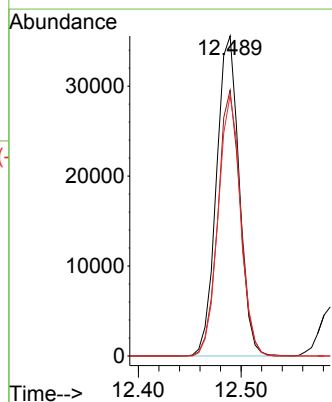
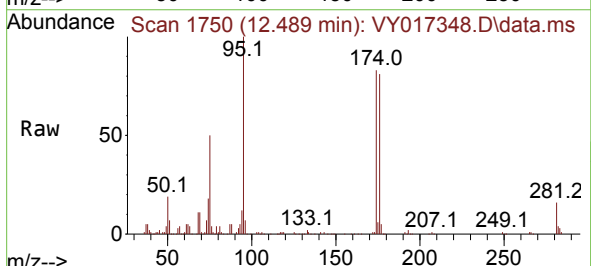
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

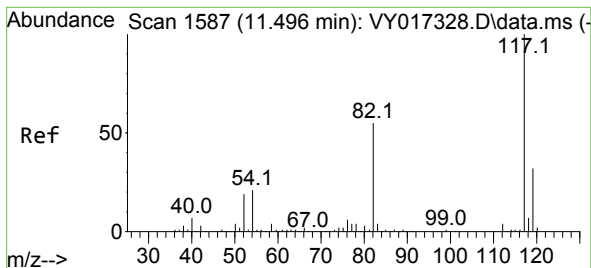
Tgt Ion:107 Resp: 46687
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.830 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 95 Resp: 54360
Ion Ratio Lower Upper
95 100
174 82.8 0.0 160.0
176 80.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

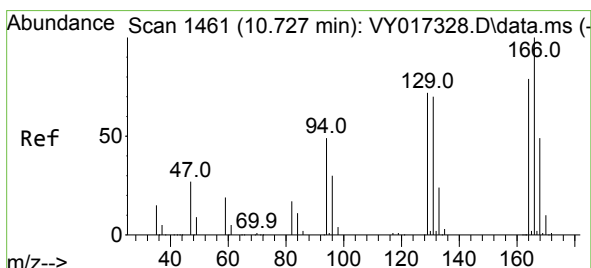
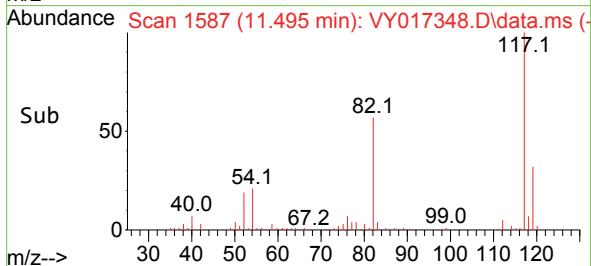
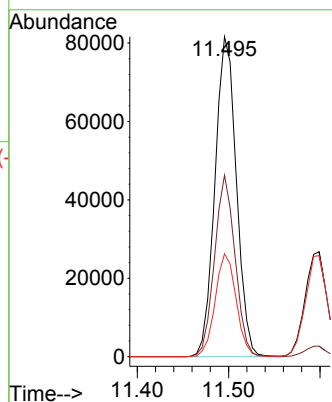
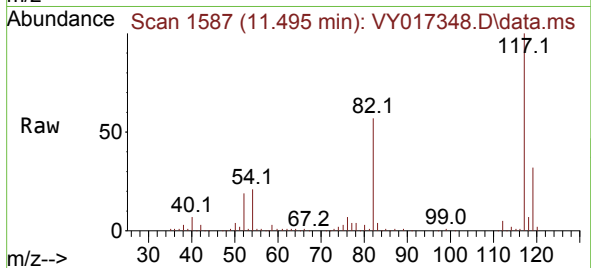
Tgt Ion:117 Resp: 132965

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 64.776 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Tgt Ion:164 Resp: 55937

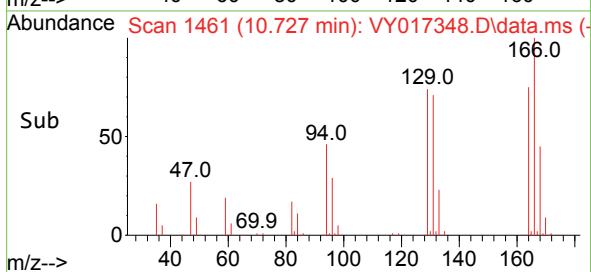
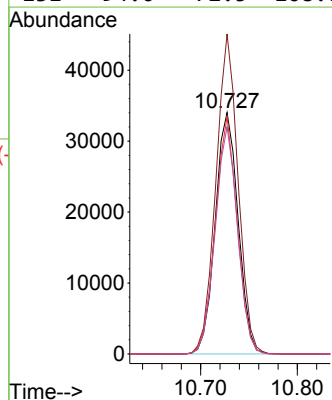
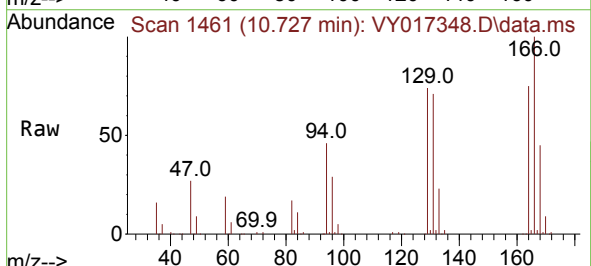
Ion Ratio Lower Upper

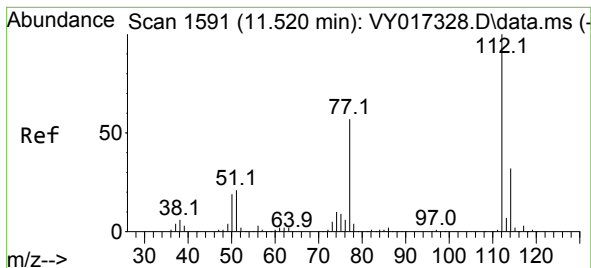
164 100

166 132.5 98.8 148.2

129 98.2 78.9 118.3

131 94.0 72.5 108.7





#65

Chlorobenzene

Concen: 65.625 ug/l

RT: 11.520 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

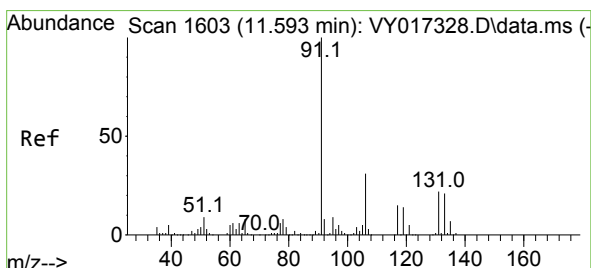
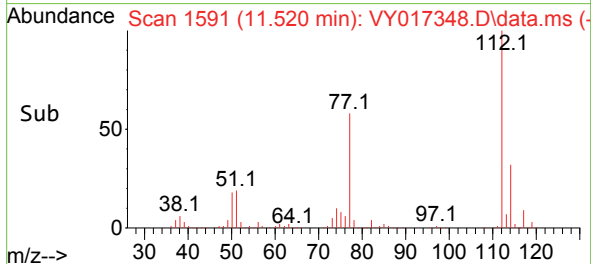
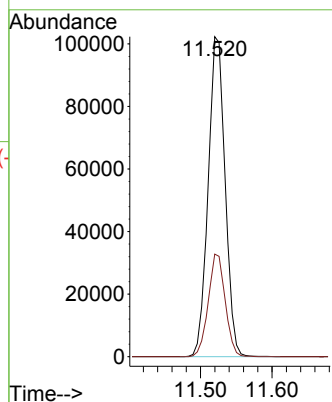
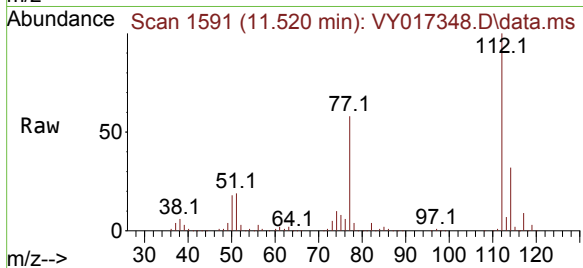
SB-6(15-16)MSD

Tgt Ion:112 Resp: 168327

Ion Ratio Lower Upper

112 100

114 32.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 68.188 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

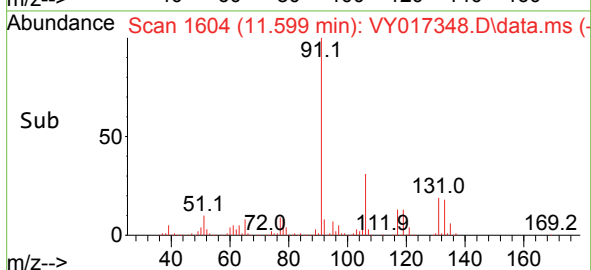
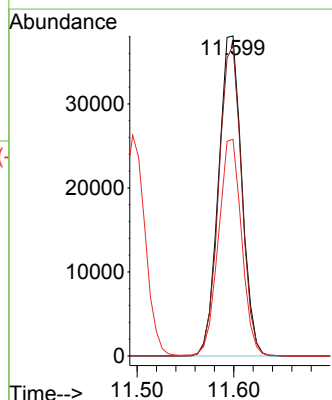
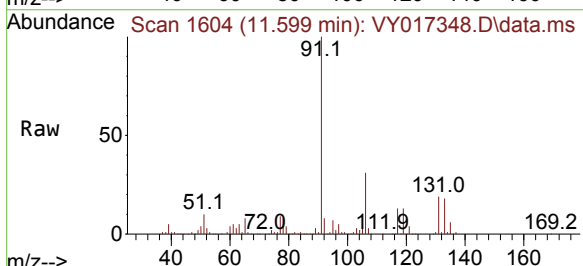
Tgt Ion:131 Resp: 63561

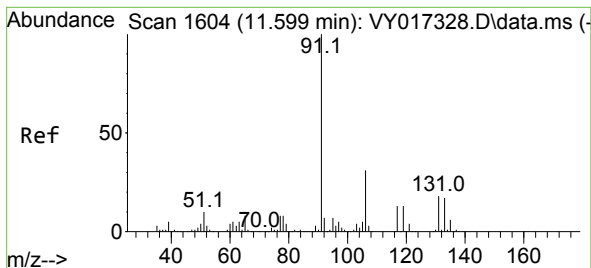
Ion Ratio Lower Upper

131 100

133 95.4 47.0 141.0

119 67.7 33.3 99.9





#67

Ethyl Benzene

Concen: 66.078 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

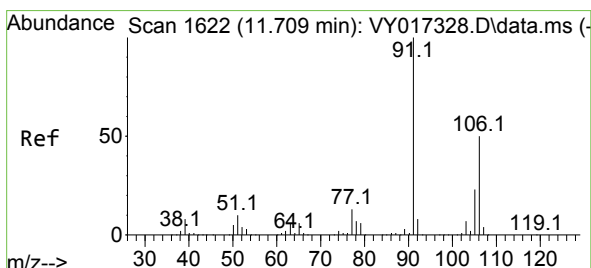
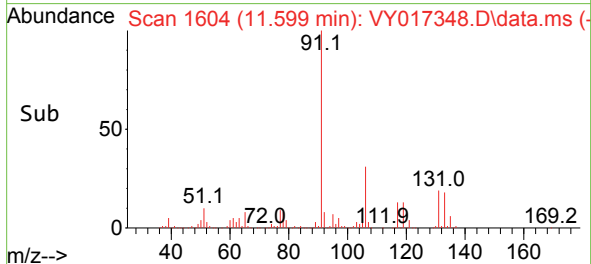
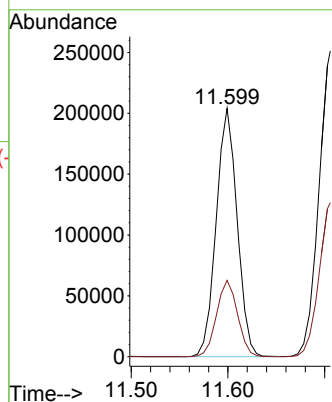
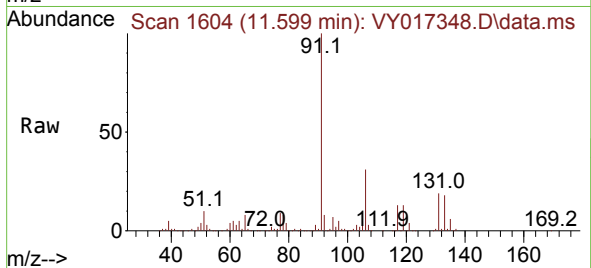
SB-6(15-16)MSD

Tgt Ion: 91 Resp: 306317

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 133.592 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017348.D

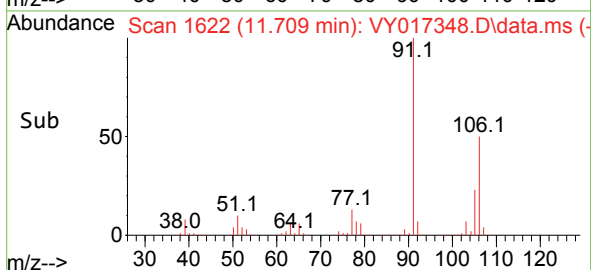
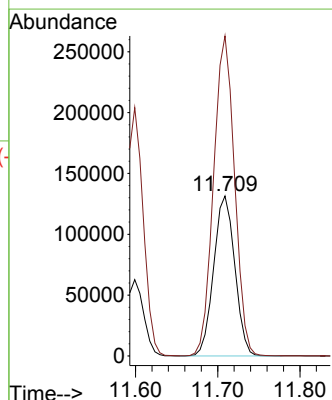
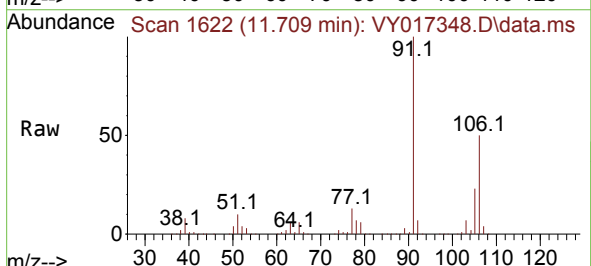
Acq: 09 Feb 2024 18:42

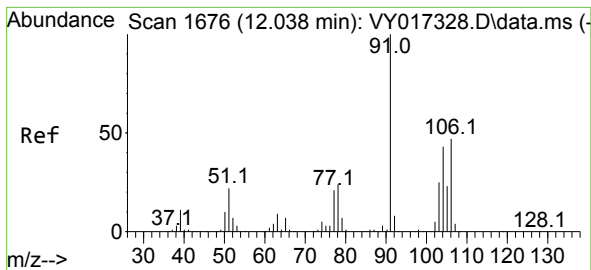
Tgt Ion:106 Resp: 235019

Ion Ratio Lower Upper

106 100

91 198.5 160.7 241.1

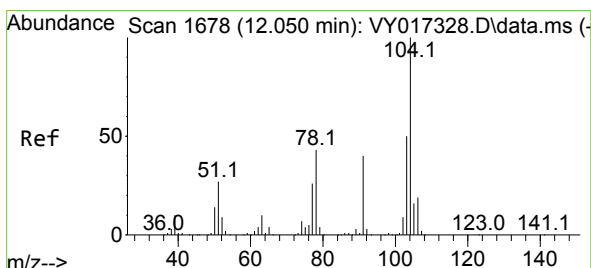
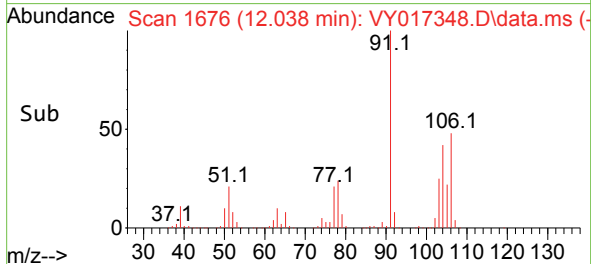
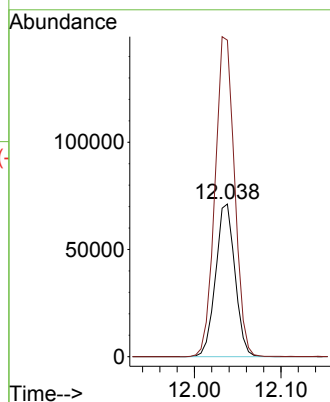
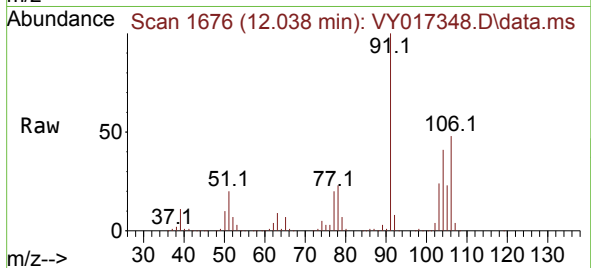




#69
o-Xylene
Concen: 68.141 ug/l
RT: 12.038 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

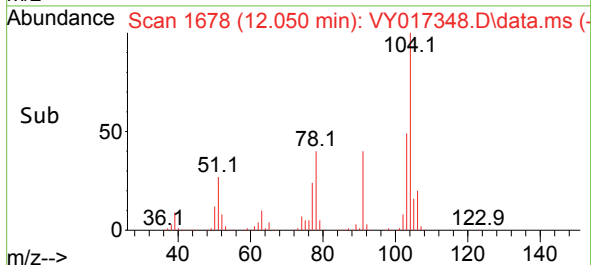
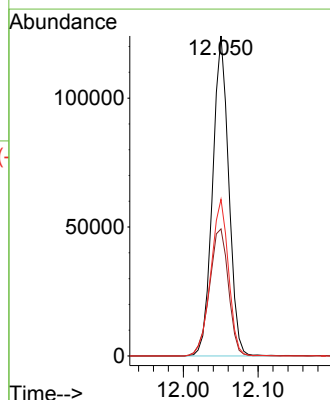
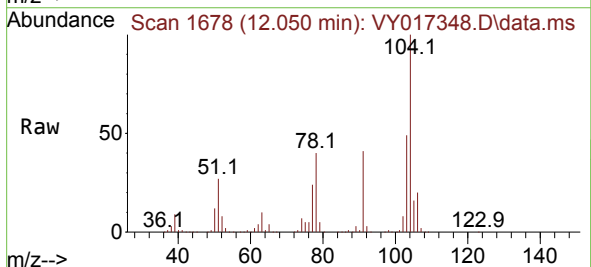
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

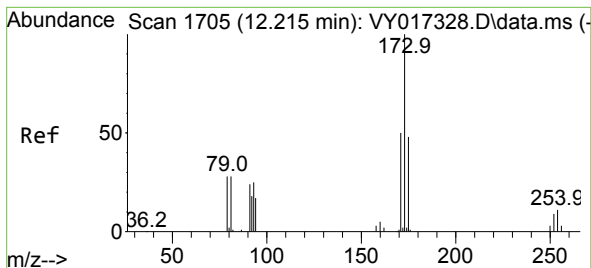
Tgt Ion:106 Resp: 110392
Ion Ratio Lower Upper
106 100
91 211.6 106.5 319.5



#70
Styrene
Concen: 69.854 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion:104 Resp: 186460
Ion Ratio Lower Upper
104 100
78 46.7 39.2 58.8
103 53.5 43.8 65.6





#71

Bromoform

Concen: 70.498 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

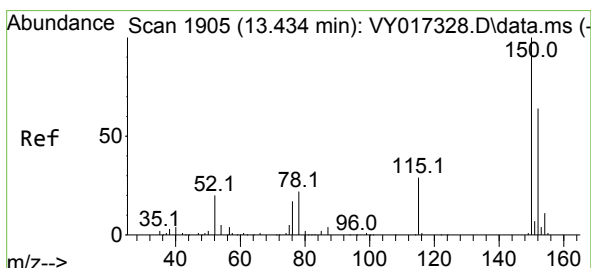
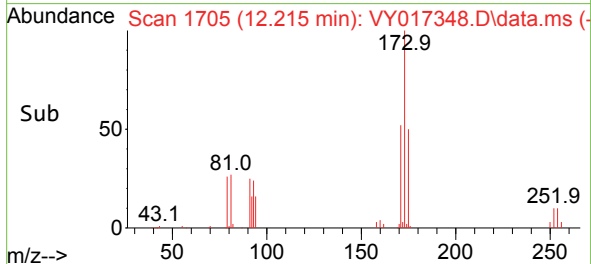
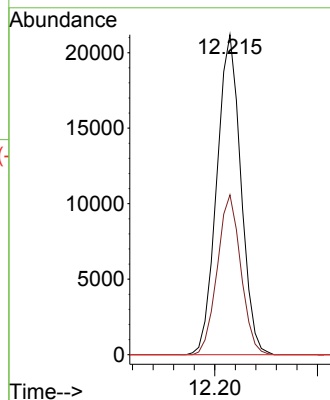
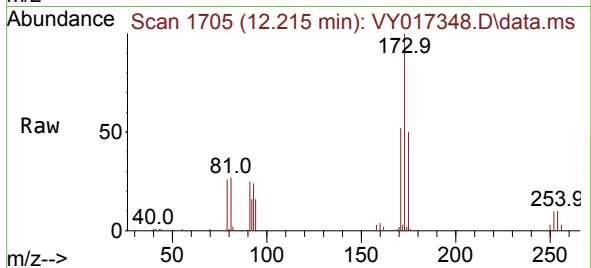
Tgt Ion:173 Resp: 34415

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

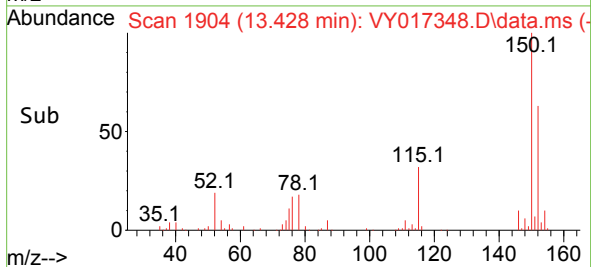
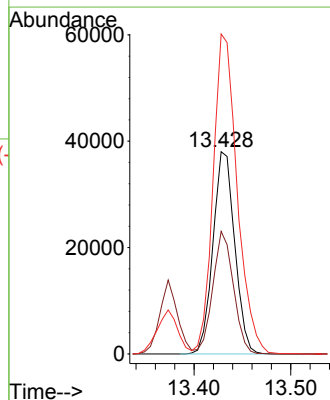
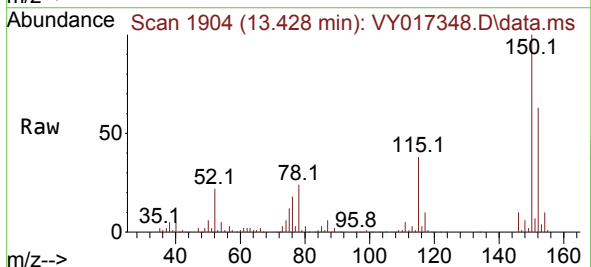
Tgt Ion:152 Resp: 59205

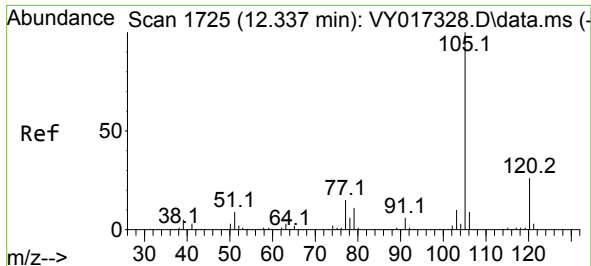
Ion Ratio Lower Upper

152 100

115 57.8 30.0 90.0

150 175.4 0.0 344.6

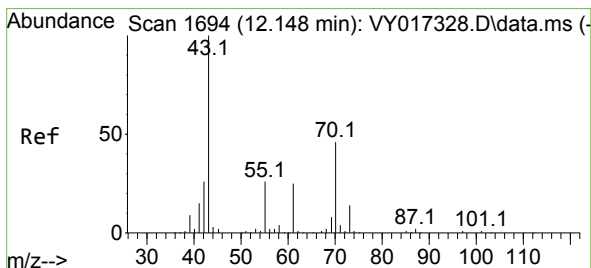
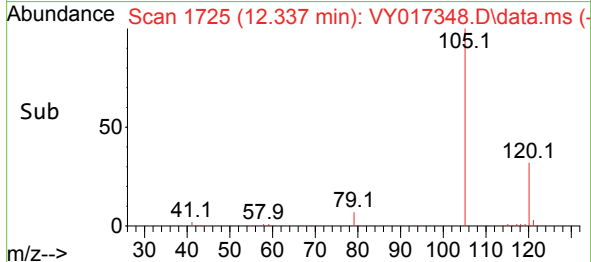
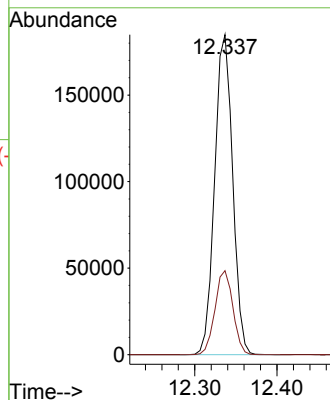
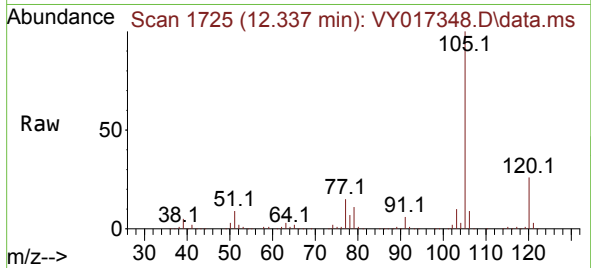




#73
Isopropylbenzene
Concen: 64.515 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

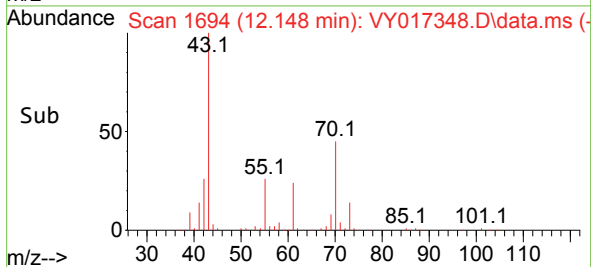
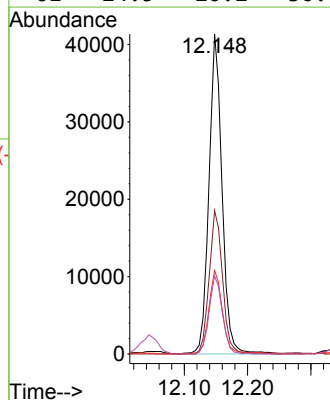
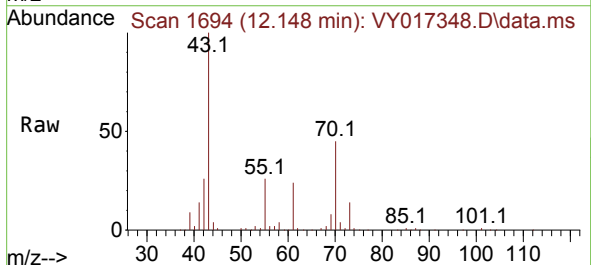
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

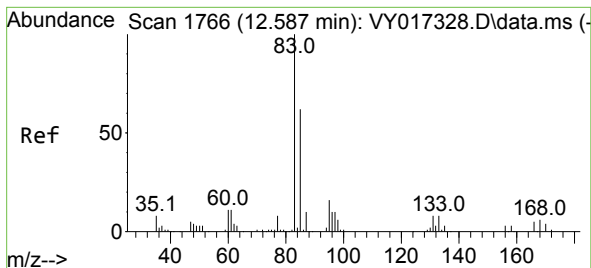
Tgt Ion:105 Resp: 280604
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 61.126 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 43 Resp: 59738
Ion Ratio Lower Upper
43 100
70 45.8 36.6 55.0
55 27.0 22.2 33.4
61 24.5 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 66.854 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

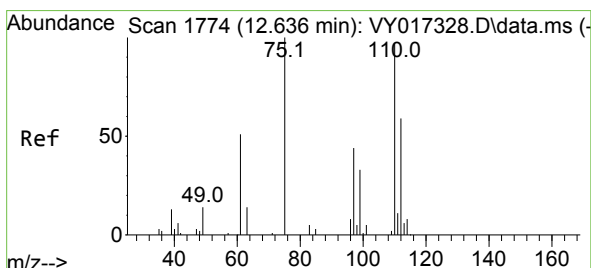
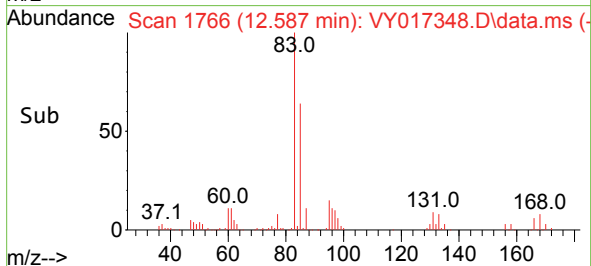
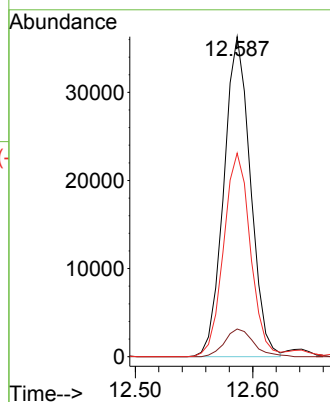
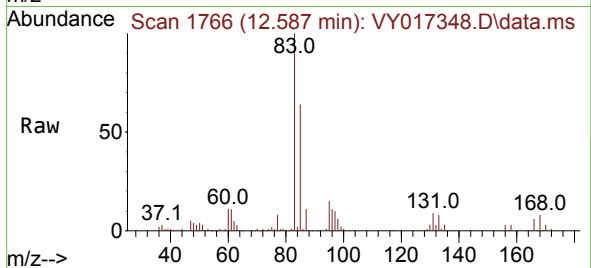
Tgt Ion: 83 Resp: 57191

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 64.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 125.667 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY017348.D

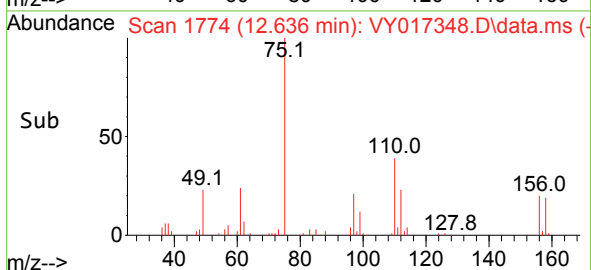
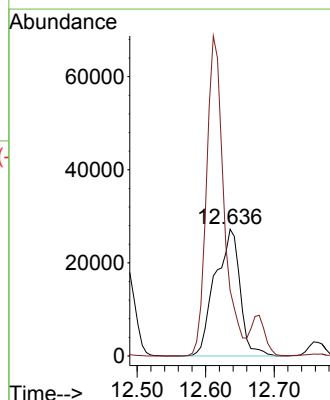
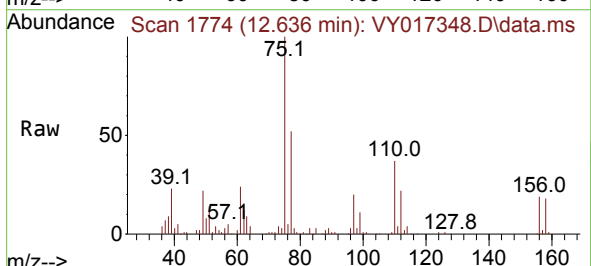
Acq: 09 Feb 2024 18:42

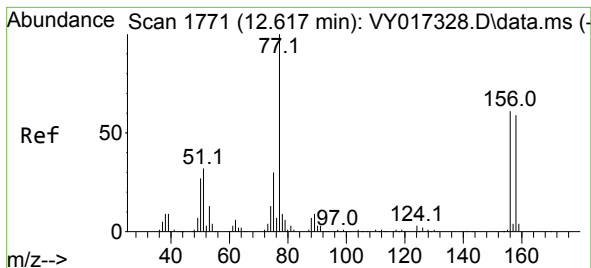
Tgt Ion: 75 Resp: 68671

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 65.524 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

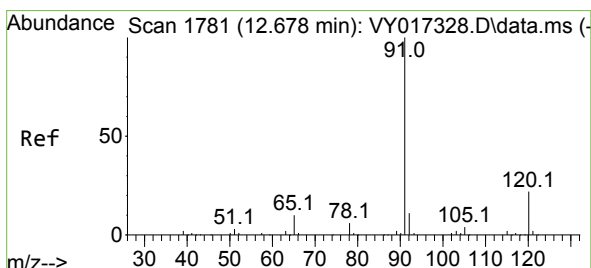
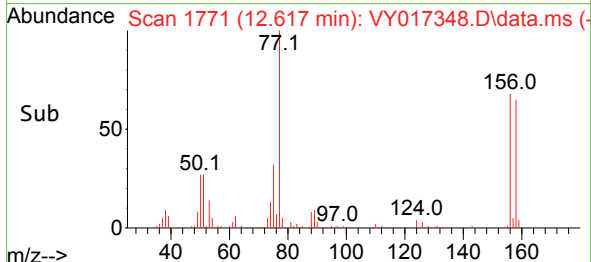
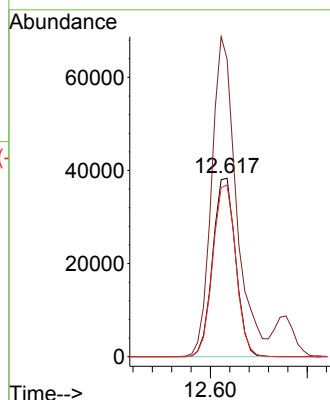
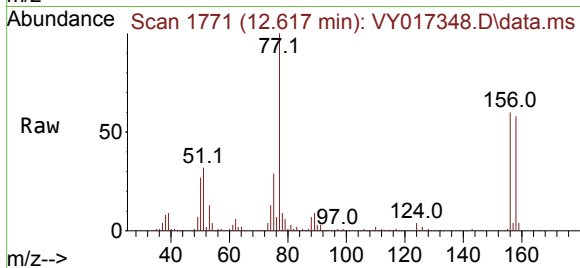
Tgt Ion:156 Resp: 63215

Ion Ratio Lower Upper

156 100

77 194.4 97.3 291.8

158 96.8 48.4 145.0



#78

n-propylbenzene

Concen: 63.270 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017348.D

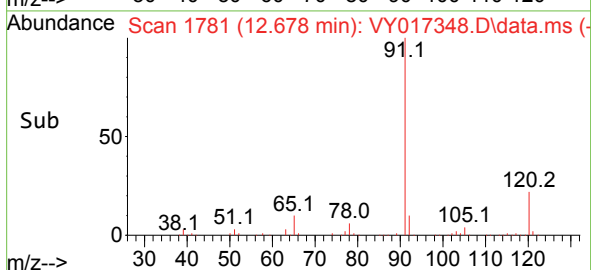
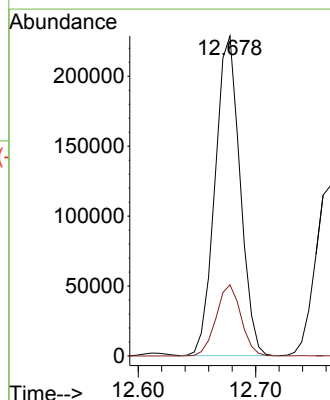
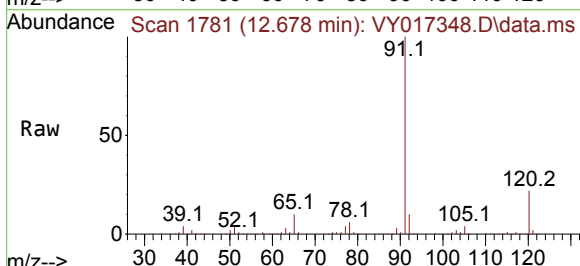
Acq: 09 Feb 2024 18:42

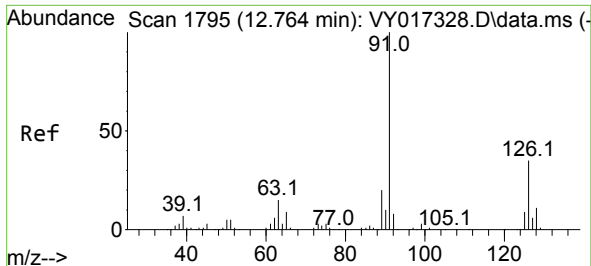
Tgt Ion: 91 Resp: 337978

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

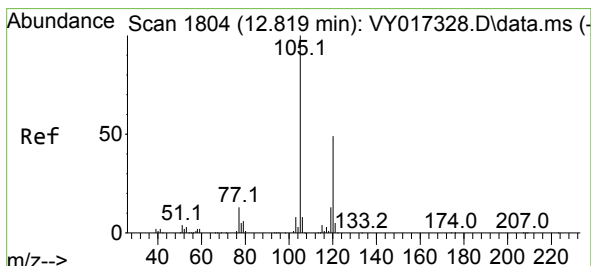
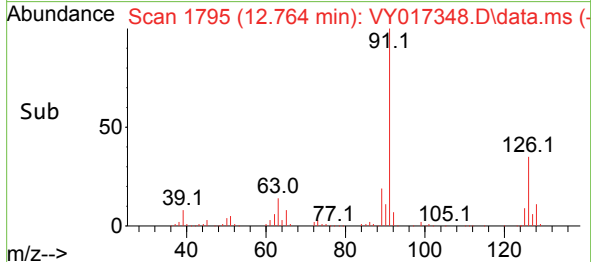
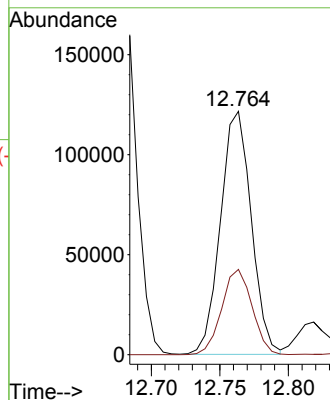
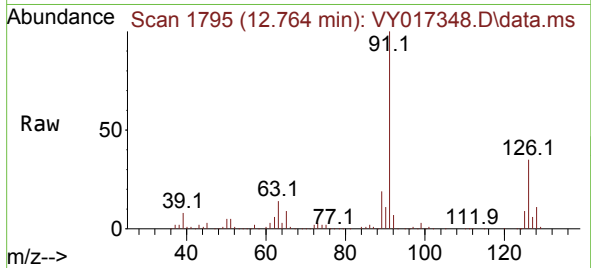




#79
2-Chlorotoluene
Concen: 64.742 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

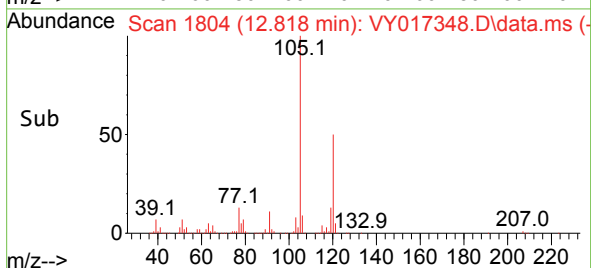
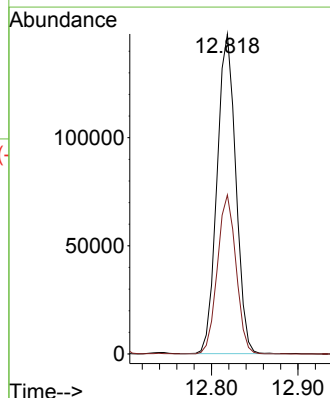
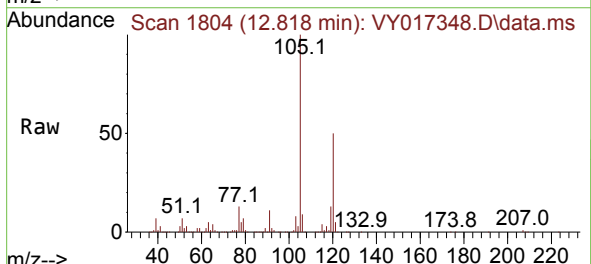
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

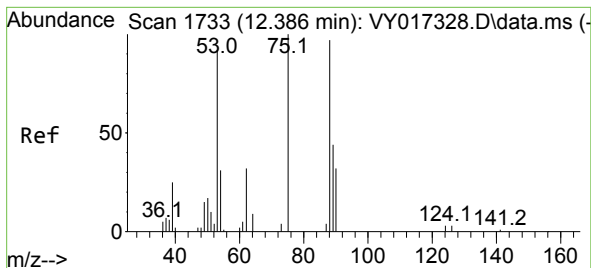
Tgt Ion: 91 Resp: 190134
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 64.307 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 105 Resp: 222446
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8

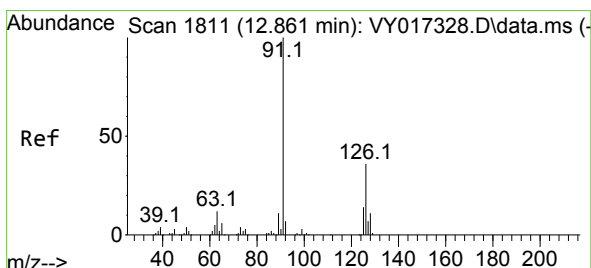
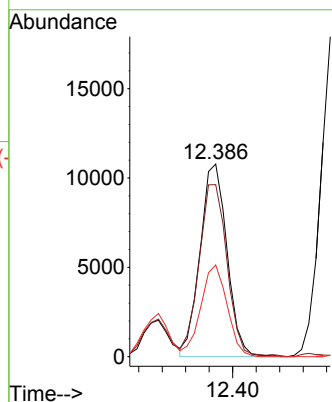
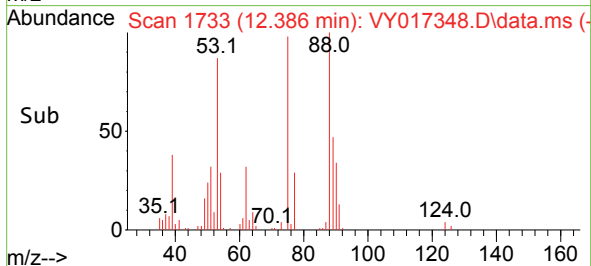
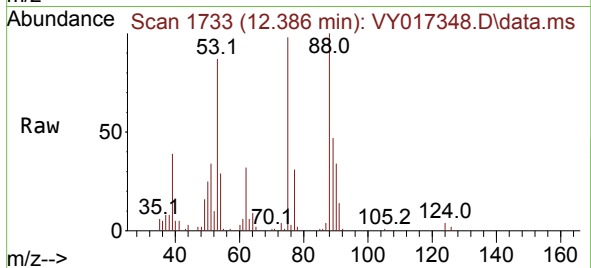




#81
trans-1,4-Dichloro-2-butene
Concen: 65.429 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

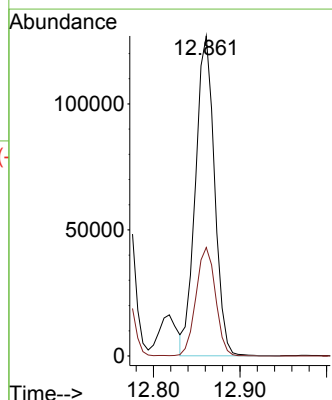
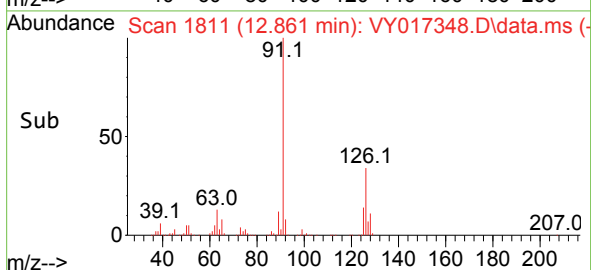
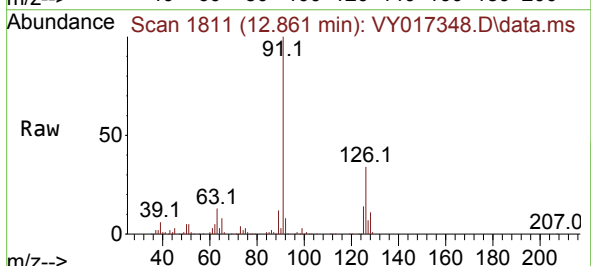
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

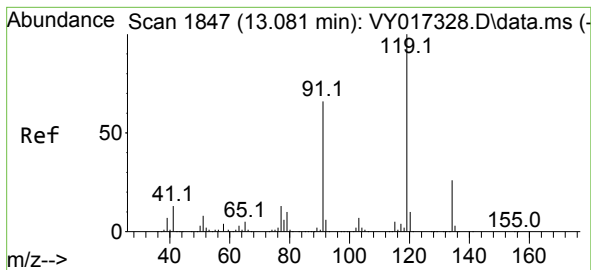
Tgt Ion: 75 Resp: 17207
Ion Ratio Lower Upper
75 100
53 92.7 74.0 111.0
89 46.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 63.977 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 91 Resp: 193374
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 64.855 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

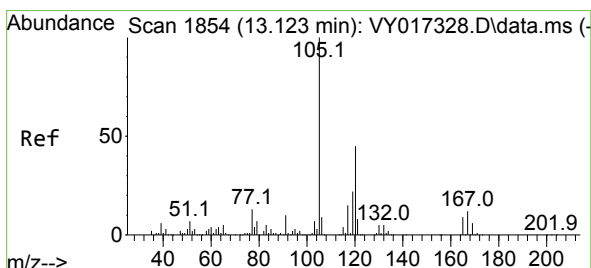
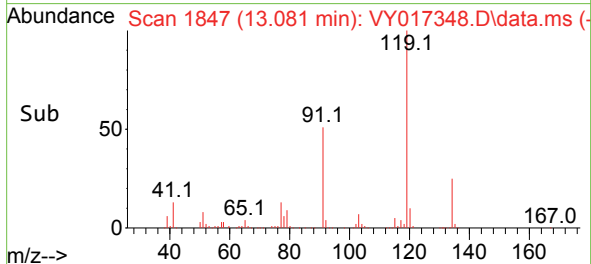
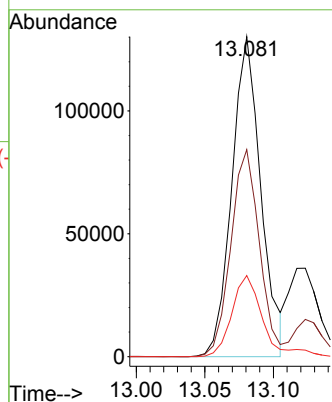
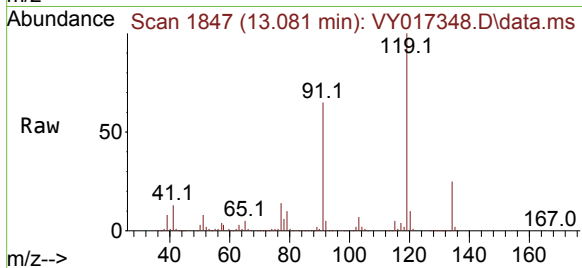
Tgt Ion:119 Resp: 192303

Ion Ratio Lower Upper

119 100

91 63.5 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 65.077 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017348.D

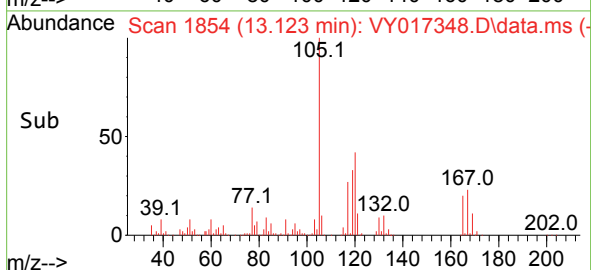
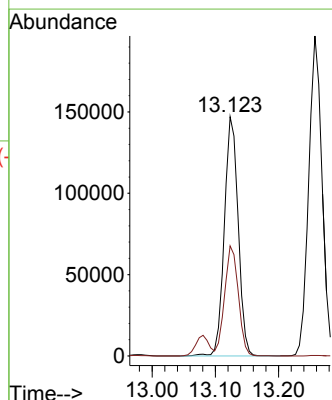
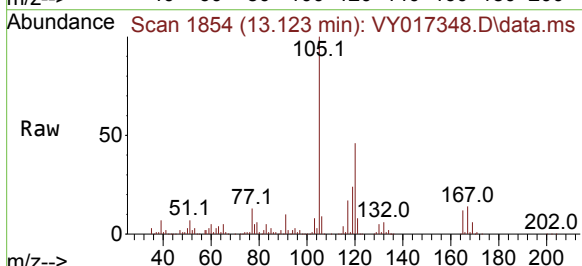
Acq: 09 Feb 2024 18:42

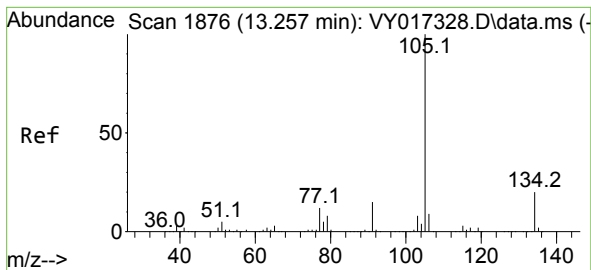
Tgt Ion:105 Resp: 222196

Ion Ratio Lower Upper

105 100

120 45.6 22.1 66.3

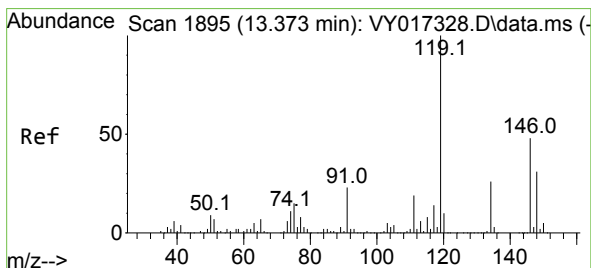
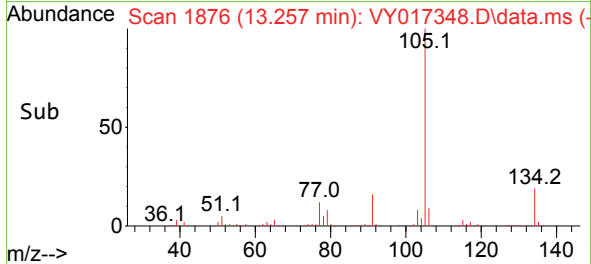
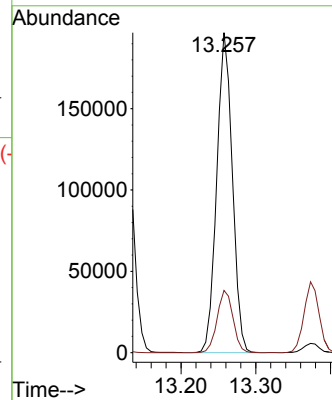
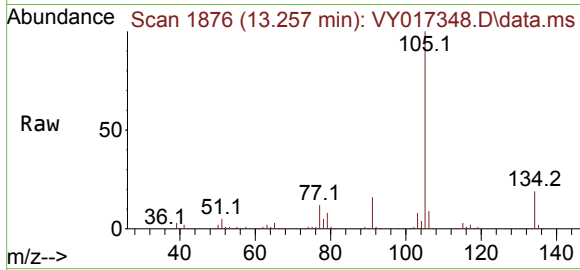




#85
 sec-Butylbenzene
 Concen: 61.603 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY017348.D
 Acq: 09 Feb 2024 18:42

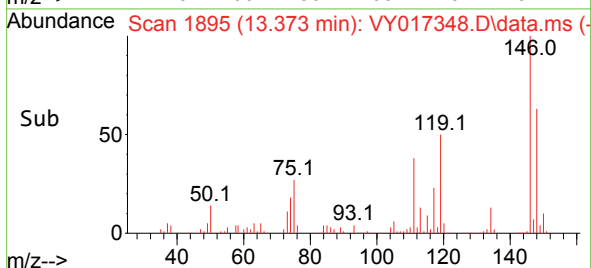
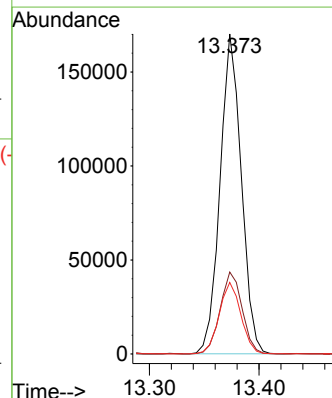
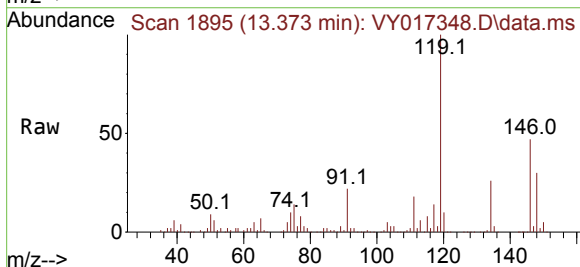
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(15-16)MSD

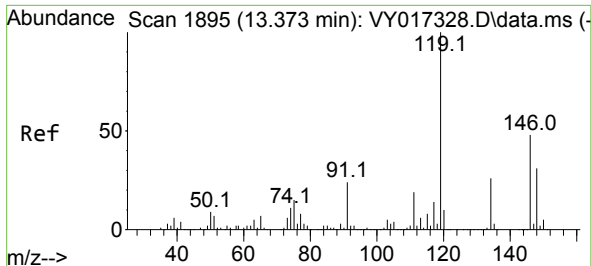
Tgt Ion:105 Resp: 285489
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 61.947 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017348.D
 Acq: 09 Feb 2024 18:42

Tgt Ion:119 Resp: 229410
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 22.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 62.877 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

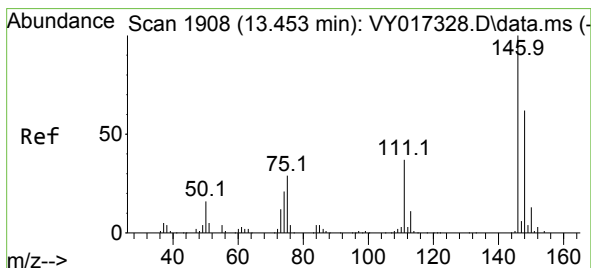
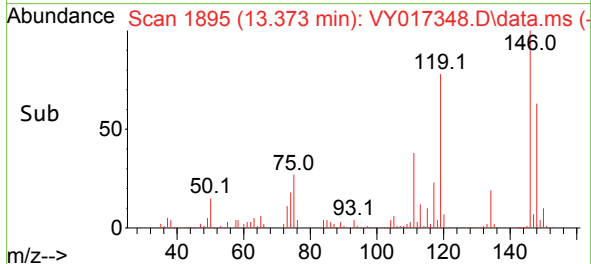
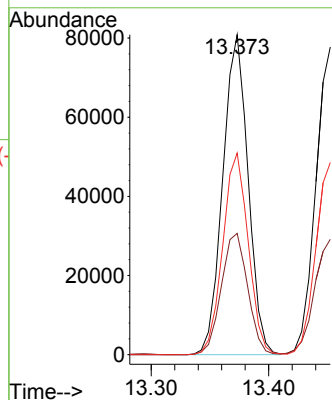
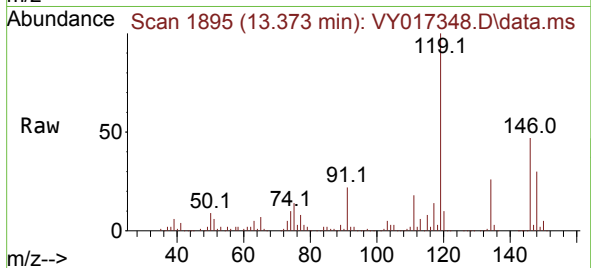
Tgt Ion:146 Resp: 121014

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 63.838 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

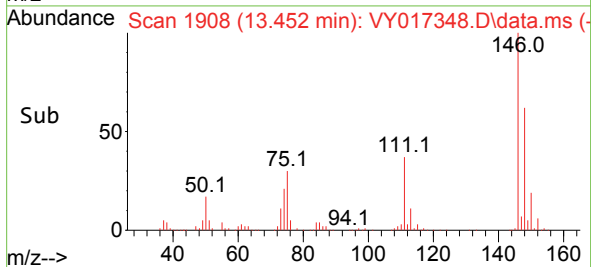
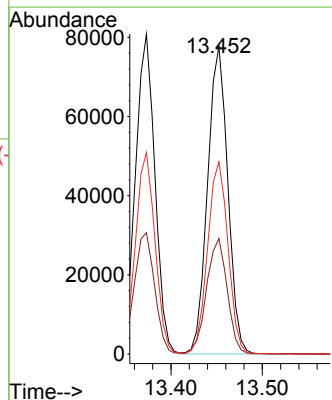
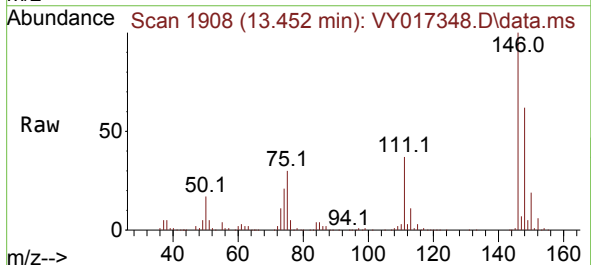
Tgt Ion:146 Resp: 119365

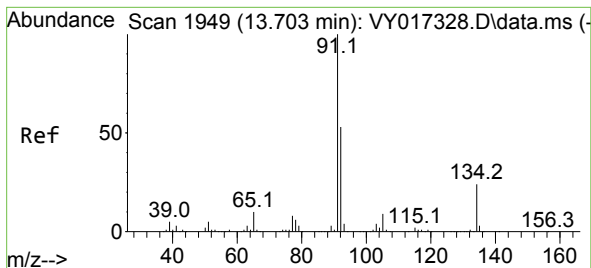
Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.9

148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 59.071 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

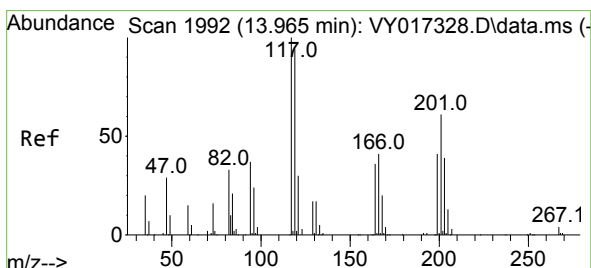
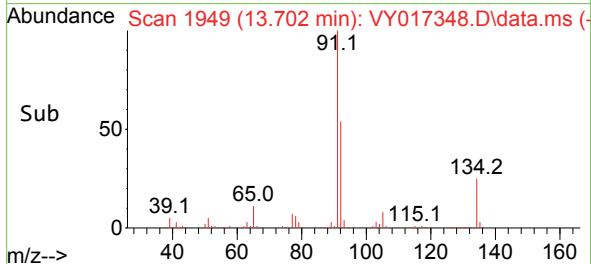
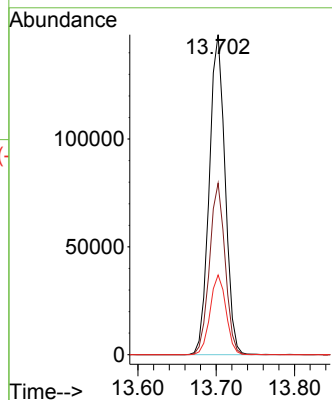
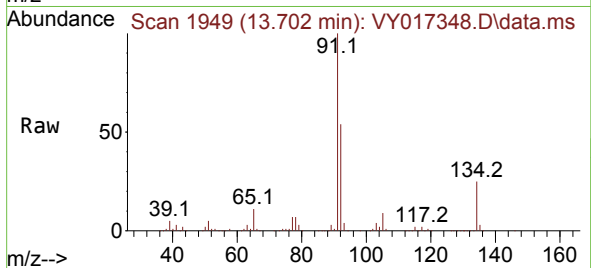
Tgt Ion: 91 Resp: 207989

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 25.0 12.3 36.8



#90

Hexachloroethane

Concen: 60.942 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017348.D

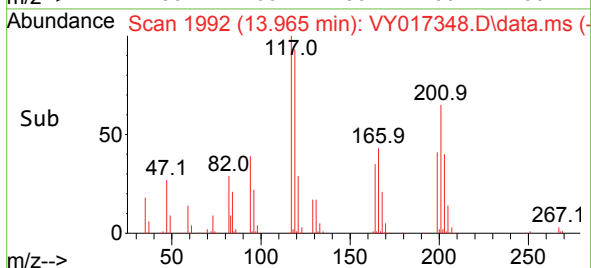
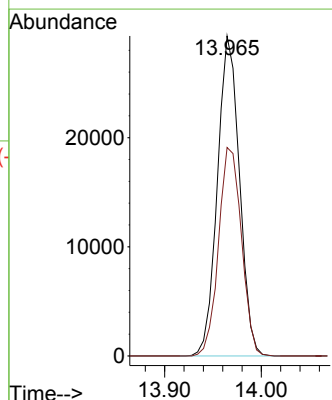
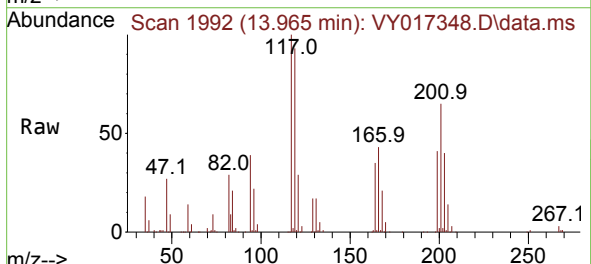
Acq: 09 Feb 2024 18:42

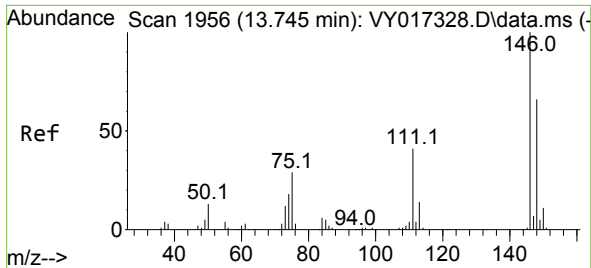
Tgt Ion: 117 Resp: 46332

Ion Ratio Lower Upper

117 100

201 67.7 33.4 100.1

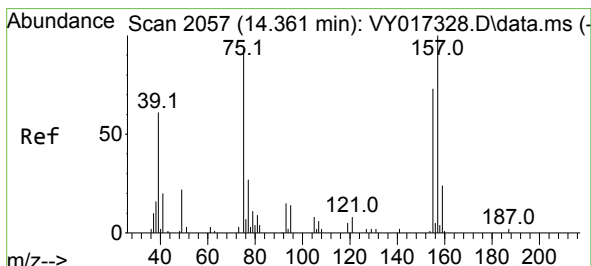
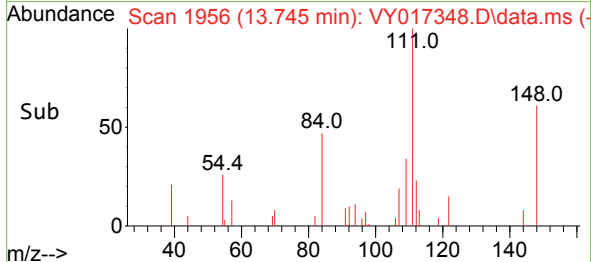
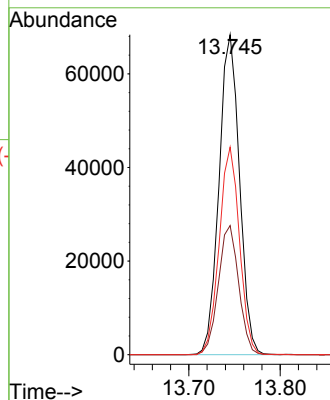
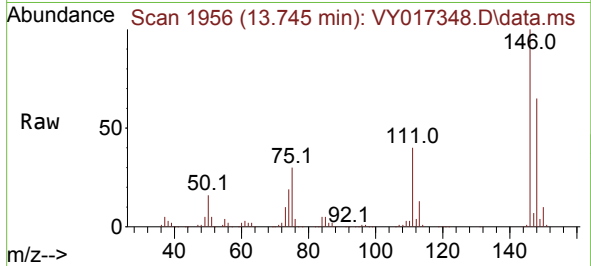




#91
1,2-Dichlorobenzene
Concen: 64.980 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

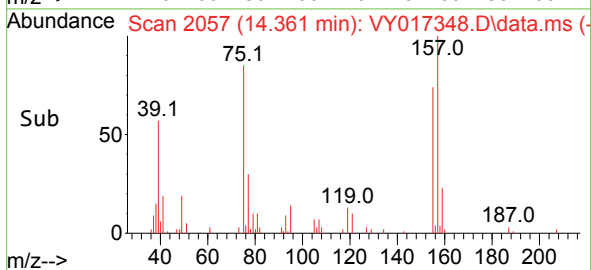
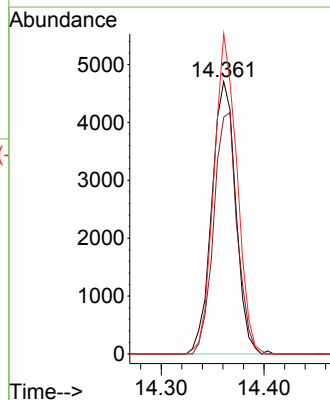
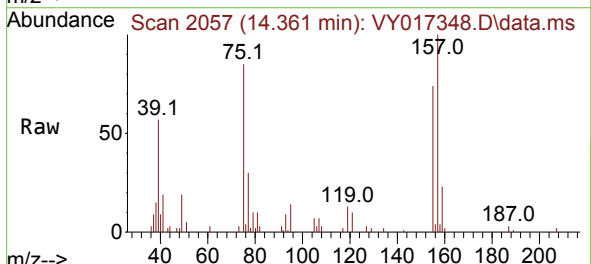
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)MSD

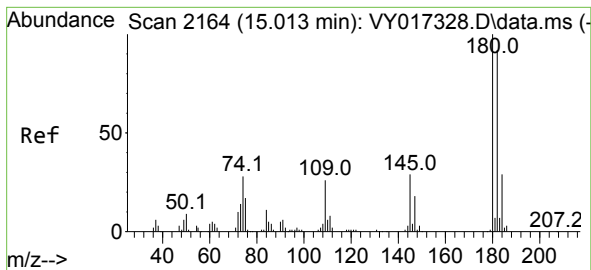
Tgt Ion:146 Resp: 106465
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 64.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 68.169 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017348.D
Acq: 09 Feb 2024 18:42

Tgt Ion: 75 Resp: 7596
Ion Ratio Lower Upper
75 100
155 86.9 42.1 126.3
157 113.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 61.510 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

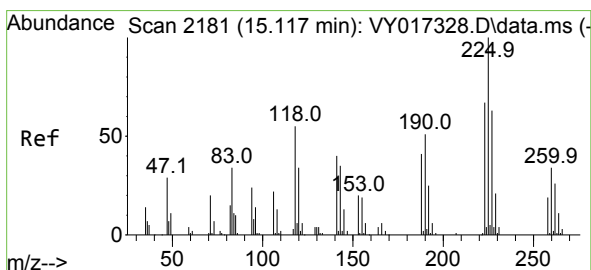
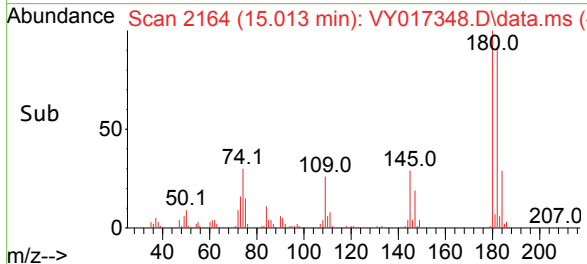
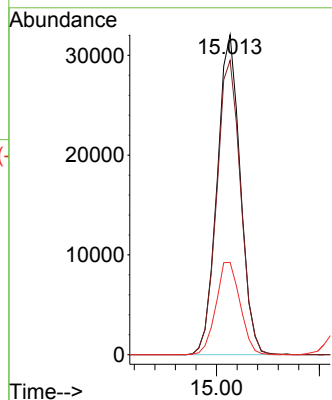
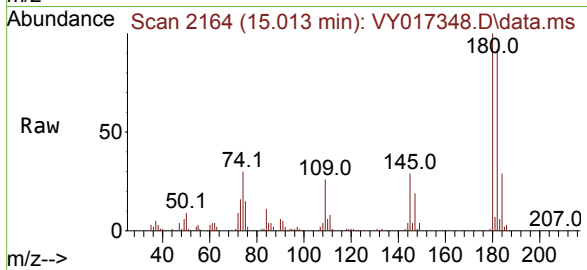
Tgt Ion:180 Resp: 50058

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.746 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

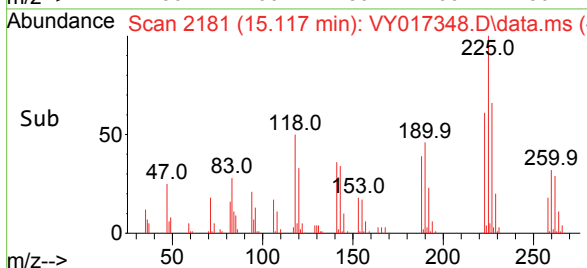
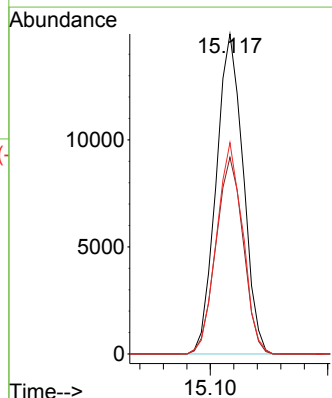
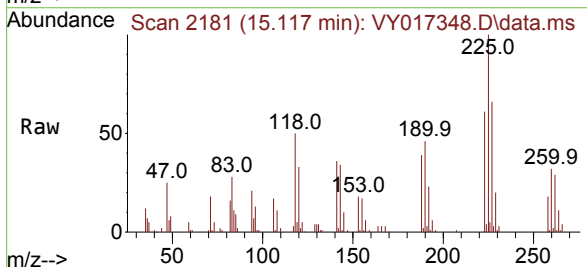
Tgt Ion:225 Resp: 23844

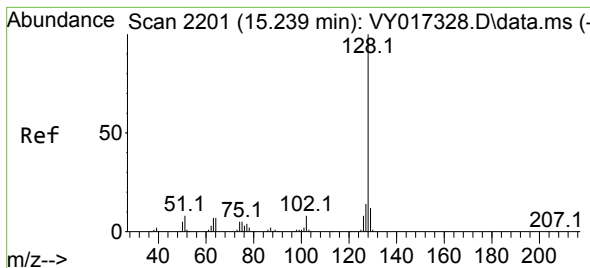
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.3

227 64.6 32.3 96.8





#95

Naphthalene

Concen: 61.353 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)MSD

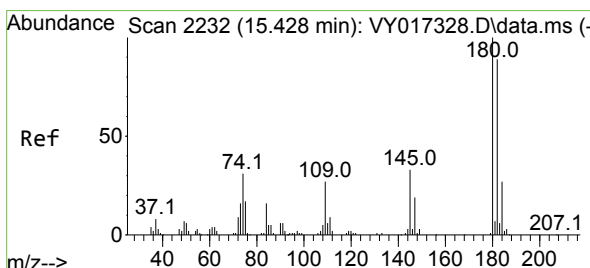
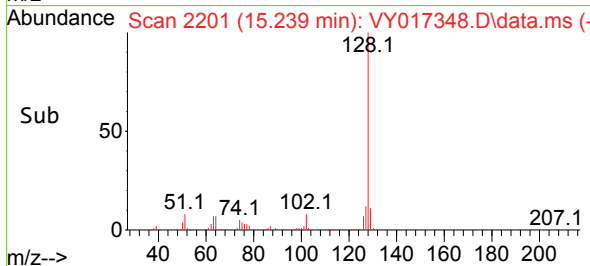
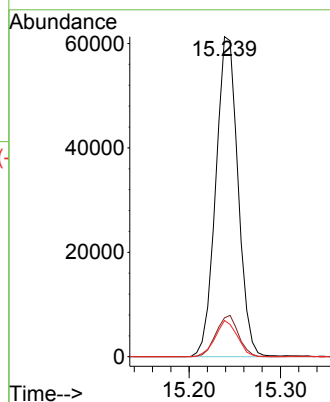
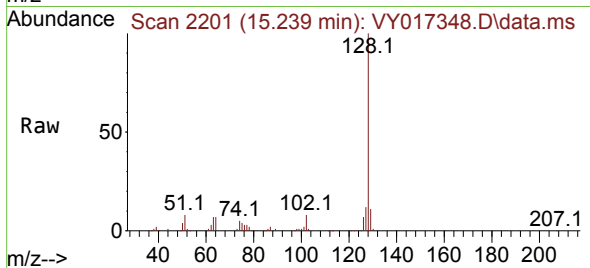
Tgt Ion:128 Resp: 103474

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 62.164 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017348.D

Acq: 09 Feb 2024 18:42

Tgt Ion:180 Resp: 43027

Ion Ratio Lower Upper

180 100

182 94.4 46.3 138.8

145 31.7 16.1 48.2

