

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017922.D
 Acq On : 12 Apr 2024 13:30
 Operator : SY/MD
 Sample : VY0412SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 13 00:34:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109578	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73672	63.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.58%
35) Dibromofluoromethane	7.716	113	77489	61.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.44%
50) Toluene-d8	10.185	98	280938	59.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	118.84%
62) 4-Bromofluorobenzene	12.489	95	84771	58.93	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	117.86%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	19275	21.43	ug/l 98
3) Chloromethane	2.107	50	30945	17.62	ug/l 98
4) Vinyl Chloride	2.247	62	49305	21.49	ug/l 99
5) Bromomethane	2.637	94	47856	25.79	ug/l 96
6) Chloroethane	2.784	64	45894	30.65	ug/l 99
7) Trichlorofluoromethane	3.113	101	75845	33.89	ug/l 95
8) Diethyl Ether	3.521	74	12699	19.32	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.887	101	27260	20.31	ug/l 98
10) Methyl Iodide	4.082	142	25028	17.15	ug/l 97
11) Tert butyl alcohol	4.936	59	11175	118.01	ug/l 99
12) 1,1-Dichloroethene	3.863	96	21469	17.10	ug/l 89
13) Acrolein	3.728	56	7043	86.36	ug/l 97
14) Allyl chloride	4.466	41	25920	16.82	ug/l 88
15) Acrylonitrile	5.149	53	28095	101.25	ug/l 97
16) Acetone	3.936	43	22433	93.23	ug/l 91
17) Carbon Disulfide	4.186	76	36833	10.36	ug/l 98
18) Methyl Acetate	4.472	43	11043	20.72	ug/l 95
19) Methyl tert-butyl Ether	5.216	73	60717	21.12	ug/l 96
20) Methylene Chloride	4.710	84	30984	19.39	ug/l 97
21) trans-1,2-Dichloroethene	5.210	96	23450	17.45	ug/l 96
22) Diisopropyl ether	6.112	45	73621	20.67	ug/l 93
23) Vinyl Acetate	6.051	43	209495	96.36	ug/l 99
24) 1,1-Dichloroethane	6.009	63	48746	20.62	ug/l 99
25) 2-Butanone	6.984	43	33004	96.28	ug/l 92
26) 2,2-Dichloropropane	6.978	77	41715	20.43	ug/l 99
27) cis-1,2-Dichloroethene	6.978	96	32162	20.25	ug/l 99
28) Bromochloromethane	7.325	49	18282	19.02	ug/l 91
29) Tetrahydrofuran	7.344	42	19326	93.96	ug/l 99
30) Chloroform	7.502	83	54514	22.23	ug/l 100
31) Cyclohexane	7.783	56	30571	14.91	ug/l # 88
32) 1,1,1-Trichloroethane	7.697	97	44260	21.21	ug/l 97
36) 1,1-Dichloropropene	7.917	75	31852	17.25	ug/l 97
37) Ethyl Acetate	7.069	43	15627	19.61	ug/l 98
38) Carbon Tetrachloride	7.905	117	38277	19.97	ug/l 94
39) Methylcyclohexane	9.185	83	33328	14.45	ug/l 94
40) Benzene	8.155	78	107326	18.86	ug/l 98

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	7816	19.32	ug/l	95
42) 1,2-Dichloroethane	8.234	62	30376	21.68	ug/l	98
43) Isopropyl Acetate	8.270	43	27920	19.30	ug/l	99
44) Trichloroethene	8.941	130	27314	18.45	ug/l	99
45) 1,2-Dichloropropane	9.215	63	26463	20.01	ug/l	94
46) Dibromomethane	9.307	93	15601	20.76	ug/l	97
47) Bromodichloromethane	9.496	83	41546	21.88	ug/l	97
48) Methyl methacrylate	9.295	41	11401	20.51	ug/l #	88
49) 1,4-Dioxane	9.301	88	3191	378.32	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	77403	116.53	ug/l	97
52) Toluene	10.246	92	66303	19.21	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	33919	20.12	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	41148	20.00	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	21704	21.68	ug/l	93
56) Ethyl methacrylate	10.514	69	24745	22.32	ug/l	96
57) 1,3-Dichloropropane	10.794	76	34690	20.49	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	61587	107.20	ug/l	99
59) 2-Hexanone	10.837	43	50522	109.57	ug/l	96
60) Dibromochloromethane	10.989	129	27868	22.07	ug/l	99
61) 1,2-Dibromoethane	11.093	107	18985	20.80	ug/l	100
64) Tetrachloroethene	10.721	164	31610	18.70	ug/l	97
65) Chlorobenzene	11.520	112	78307	19.70	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	28044	20.77	ug/l	98
67) Ethyl Benzene	11.599	91	128287	18.77	ug/l	98
68) m/p-Xylenes	11.709	106	98100	37.85	ug/l	98
69) o-Xylene	12.032	106	45946	22.86	ug/l	98
70) Styrene	12.050	104	79632	23.23	ug/l	99
71) Bromoform	12.215	173	15614	20.87	ug/l #	100
73) Isopropylbenzene	12.337	105	124899	16.26	ug/l	99
74) N-amyl acetate	12.148	43	23372	18.00	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	27218	20.49	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	38291	38.35	ug/l #	100
77) Bromobenzene	12.617	156	37096	20.28	ug/l	99
78) n-propylbenzene	12.678	91	185613	19.81	ug/l	98
79) 2-Chlorotoluene	12.763	91	108104	21.06	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	130305	21.74	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	7140	18.42	ug/l	94
82) 4-Chlorotoluene	12.861	91	112767	21.22	ug/l	99
83) tert-Butylbenzene	13.080	119	122174	22.42	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	162015	27.14	ug/l	99
85) sec-Butylbenzene	13.257	105	174577	21.35	ug/l	100
86) p-Isopropyltoluene	13.373	119	147582	21.59	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	78732	21.69	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	73575	21.18	ug/l	98
89) n-Butylbenzene	13.702	91	172053	27.36	ug/l	98
90) Hexachloroethane	13.964	117	46699	34.36	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	105070	34.93	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5825	32.45	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	57054	34.63	ug/l	99
94) Hexachlorobutadiene	15.117	225	35788	35.83	ug/l	98
95) Naphthalene	15.245	128	83301	33.38	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	34012	24.44	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

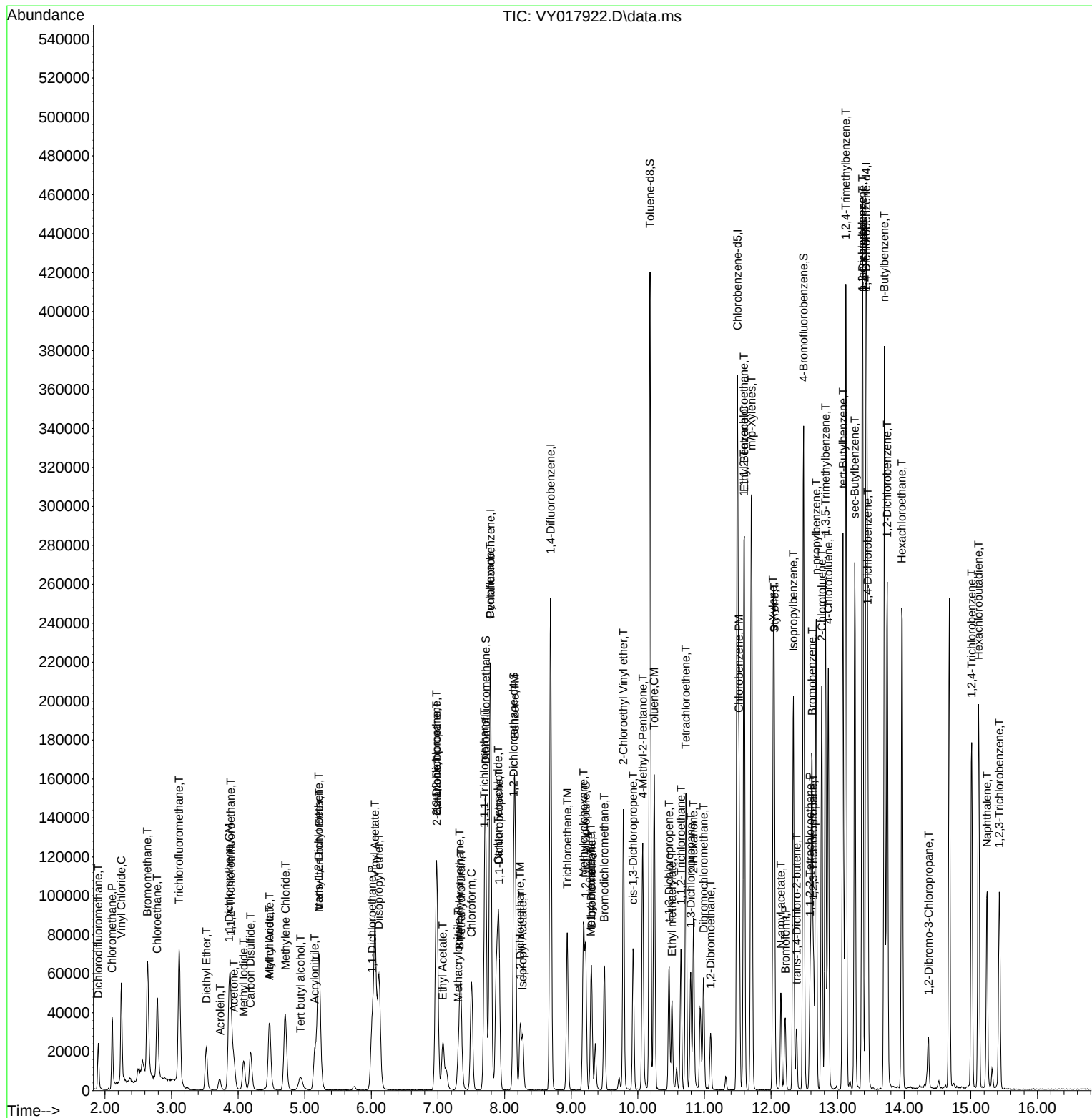
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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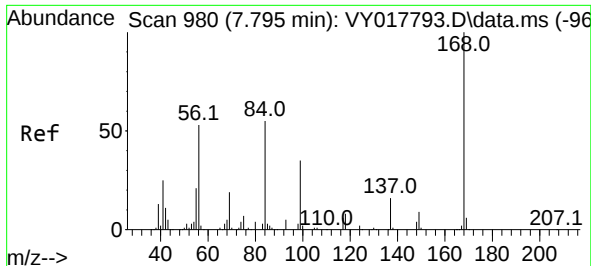
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY017922.D
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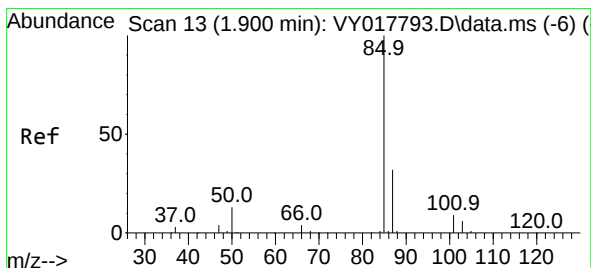
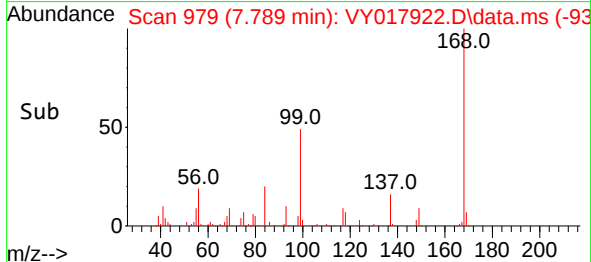
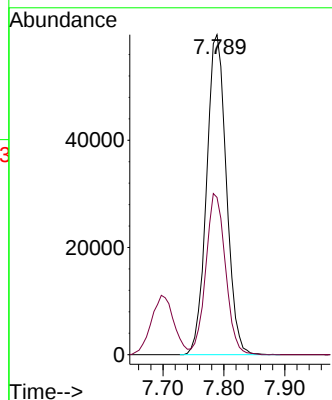
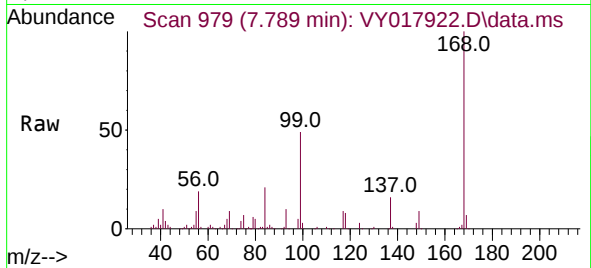




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

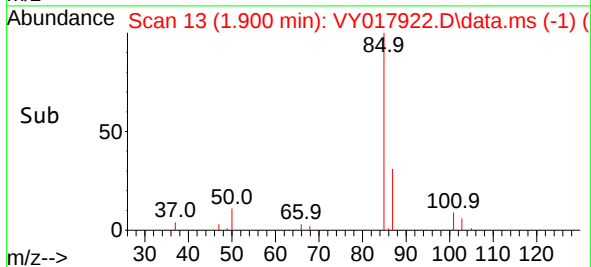
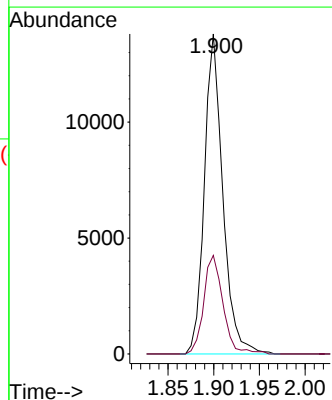
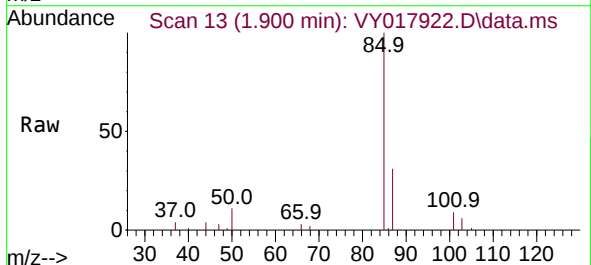
Instrument :
MSVOA_Y
ClientSampleId :

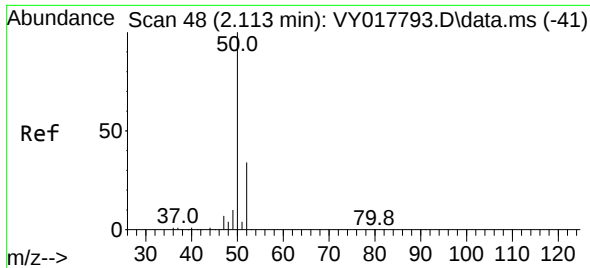
Tgt Ion:168 Resp: 134522
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.43 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 85 Resp: 19275
Ion Ratio Lower Upper
85 100
87 30.8 16.0 48.0

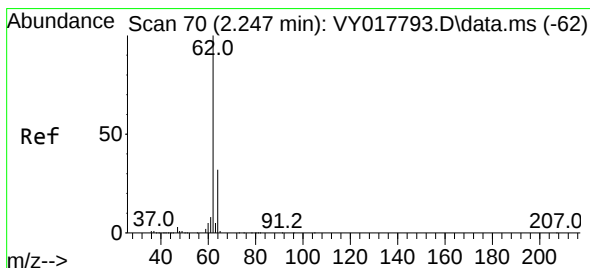
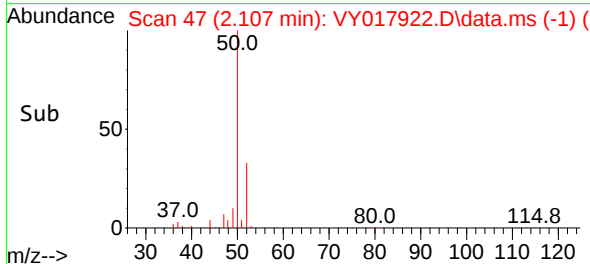
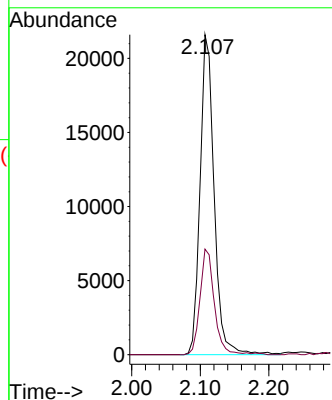
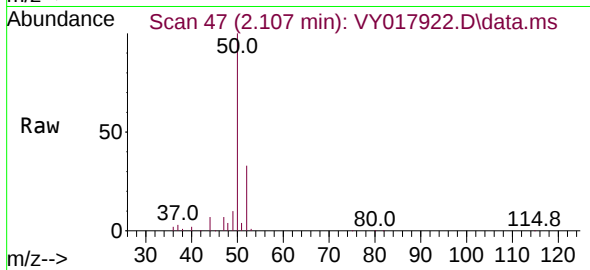




#3
Chloromethane
Concen: 17.62 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

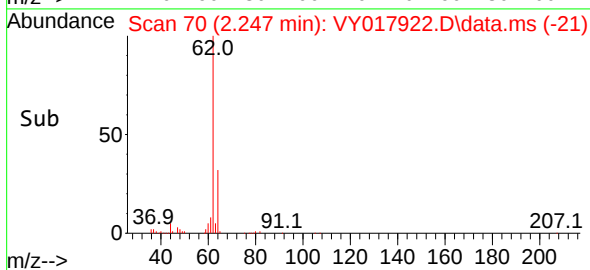
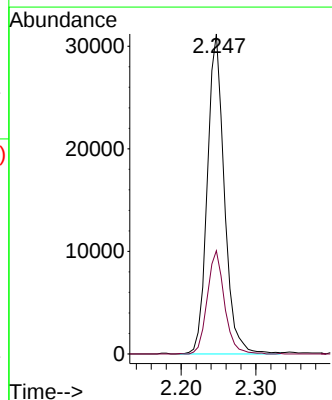
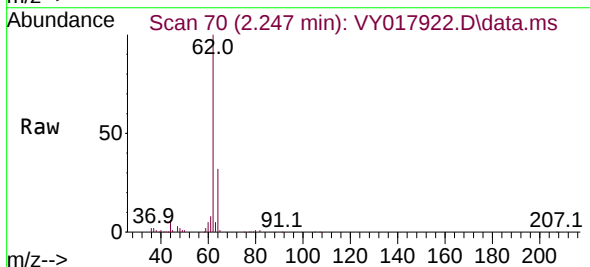
Instrument :
MSVOA_Y
ClientSampleId :

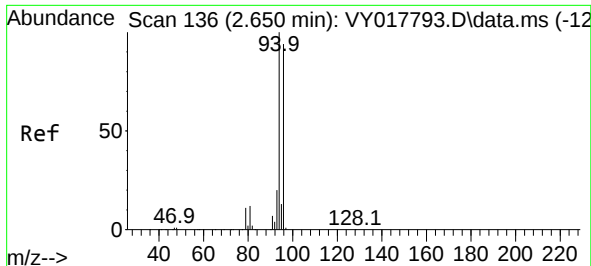
Tgt Ion: 50 Resp: 30945
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 21.49 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 62 Resp: 49305
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

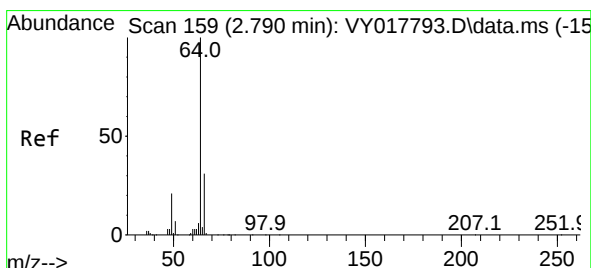
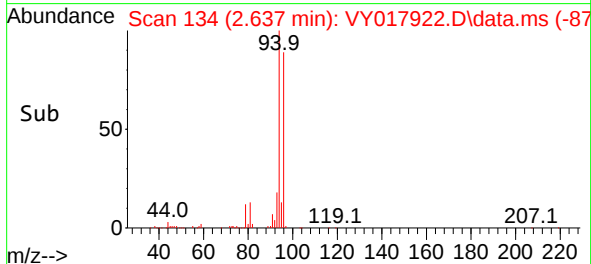
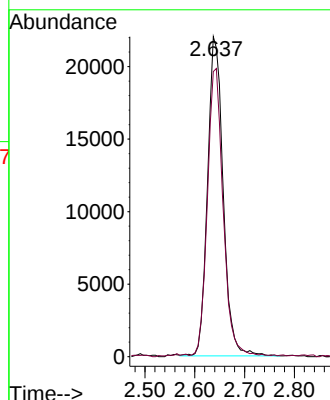
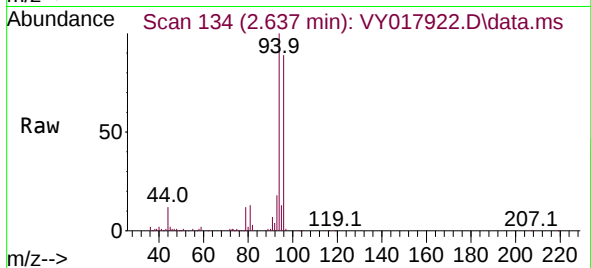




#5
Bromomethane
Concen: 25.79 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

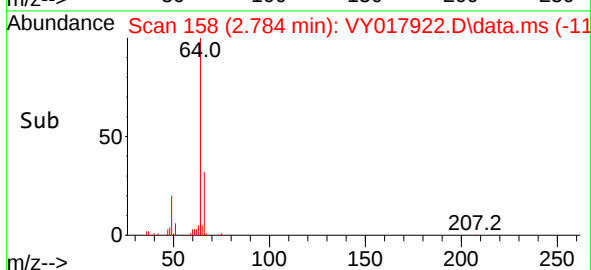
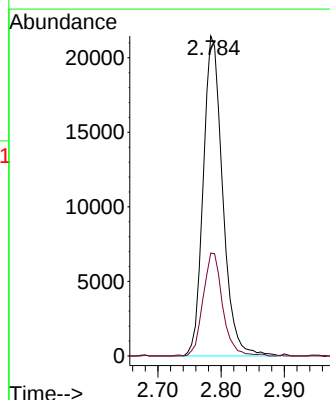
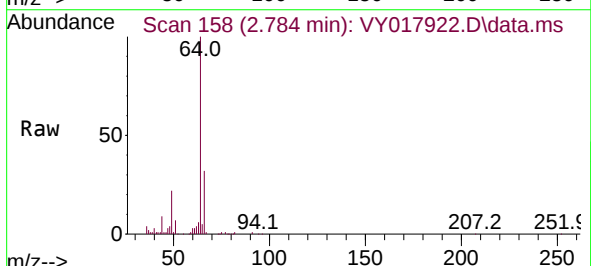
Instrument :
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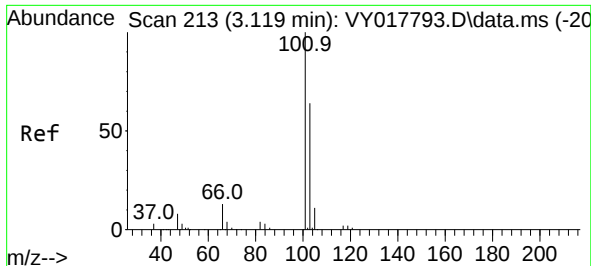
Tgt Ion: 94 Resp: 47856
Ion Ratio Lower Upper
94 100
96 88.9 74.1 111.1



#6
Chloroethane
Concen: 30.65 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 64 Resp: 45894
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

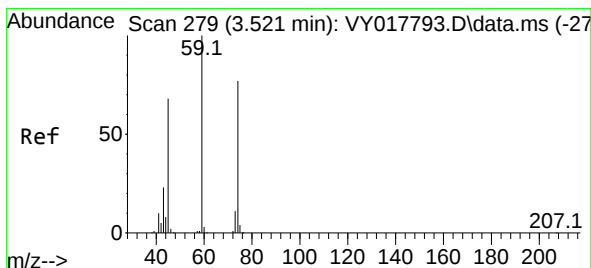
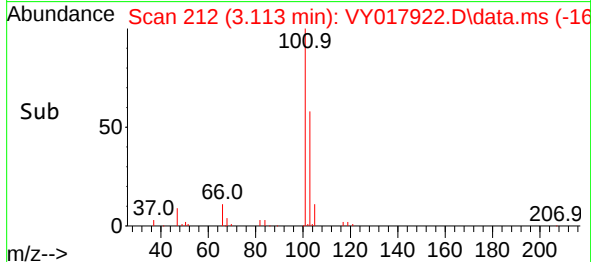
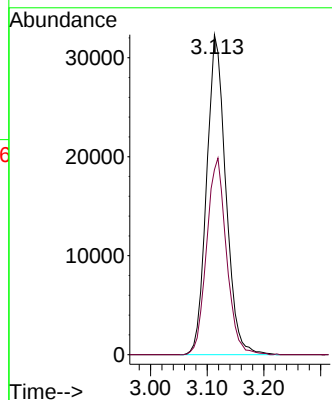
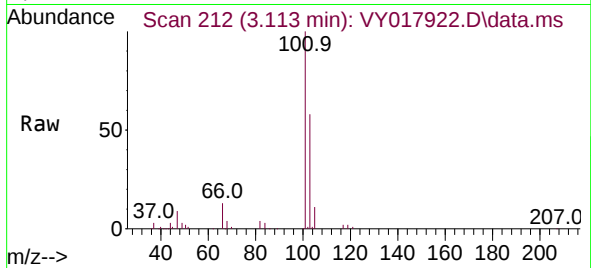




#7
Trichlorofluoromethane
Concen: 33.89 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

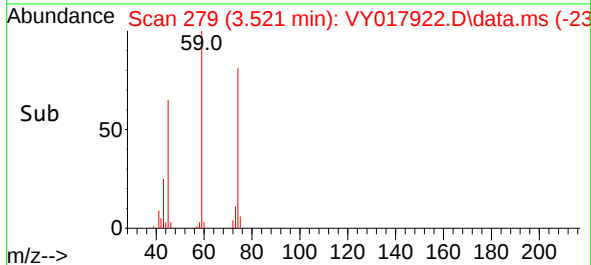
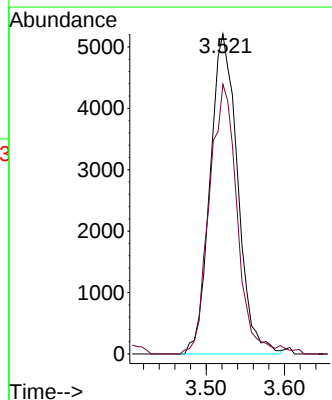
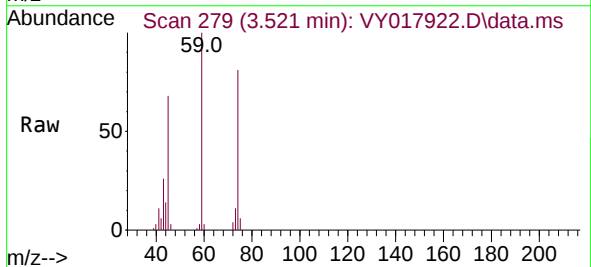
Instrument :
MSVOA_Y
ClientSampleId :

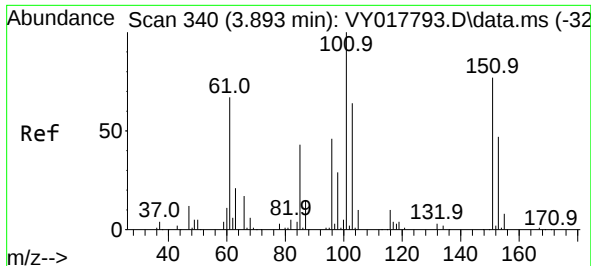
Tgt Ion:101 Resp: 75845
Ion Ratio Lower Upper
101 100
103 57.8 49.3 73.9



#8
Diethyl Ether
Concen: 19.32 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 74 Resp: 12699
Ion Ratio Lower Upper
74 100
45 85.8 41.3 124.1

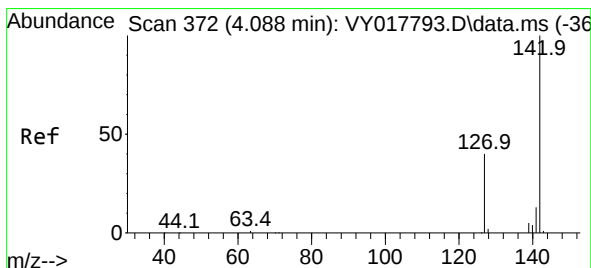
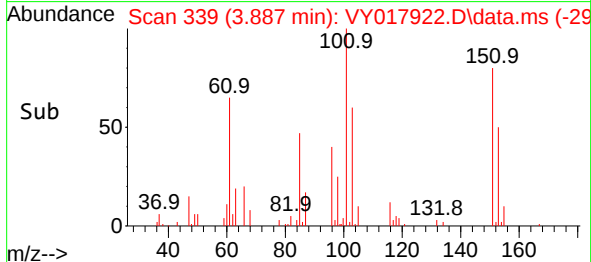
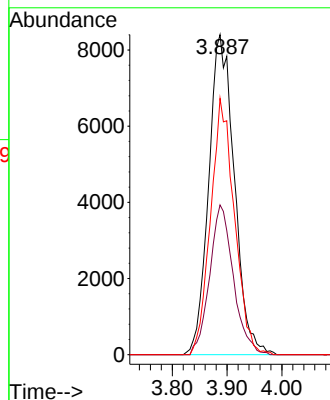
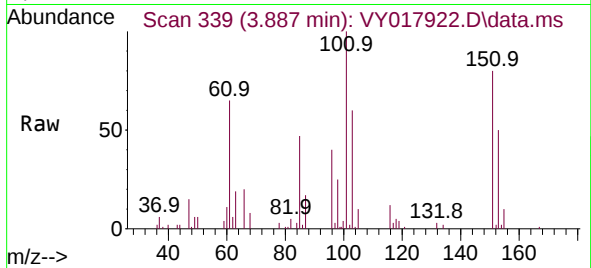




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.31 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

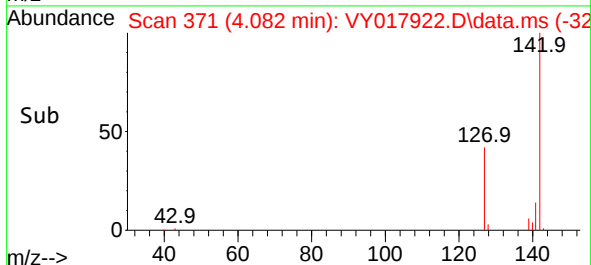
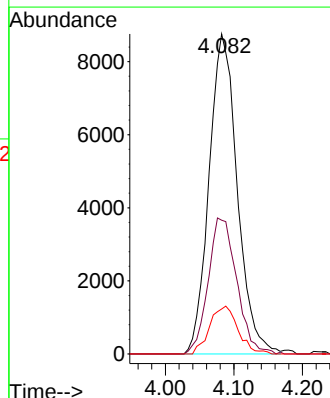
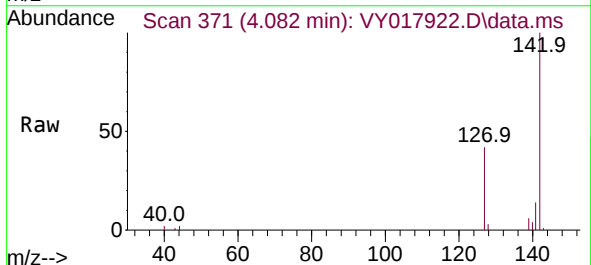
Instrument :
MSVOA_Y
ClientSampleId :

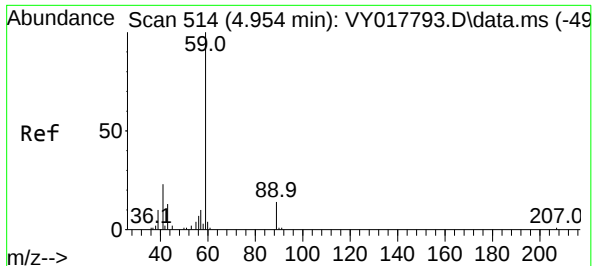
Tgt Ion:101 Resp: 27260
Ion Ratio Lower Upper
101 100
85 43.3 34.5 51.7
151 74.5 61.7 92.5



#10
Methyl Iodide
Concen: 17.15 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

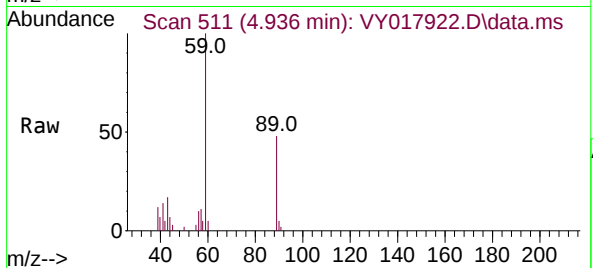
Tgt Ion:142 Resp: 25028
Ion Ratio Lower Upper
142 100
127 43.0 32.8 49.2
141 15.0 11.4 17.2



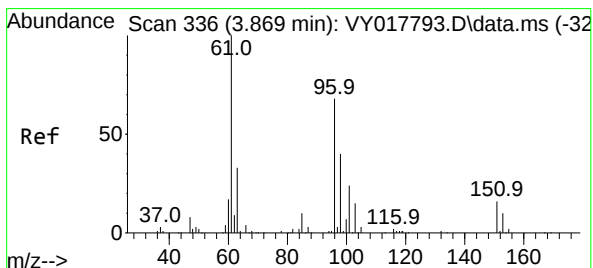
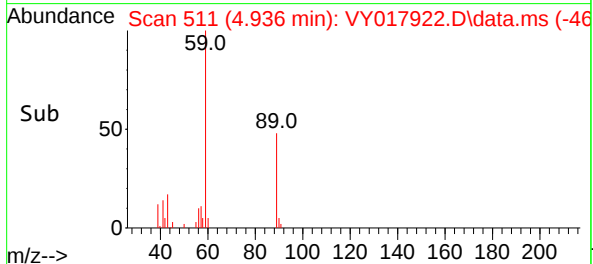
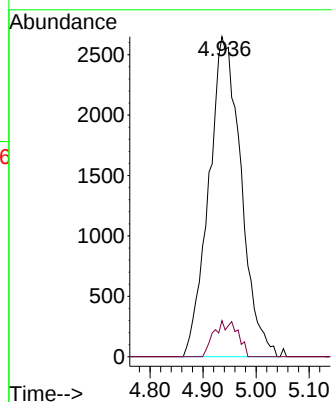


#11
Tert butyl alcohol
Concen: 118.01 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Instrument :
MSVOA_Y
ClientSampleId :

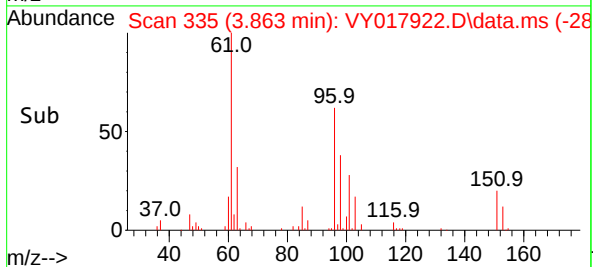
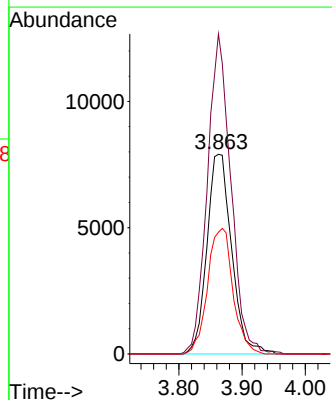
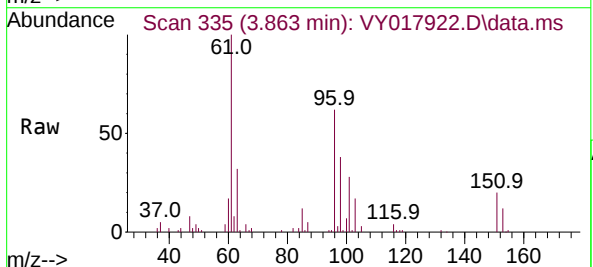


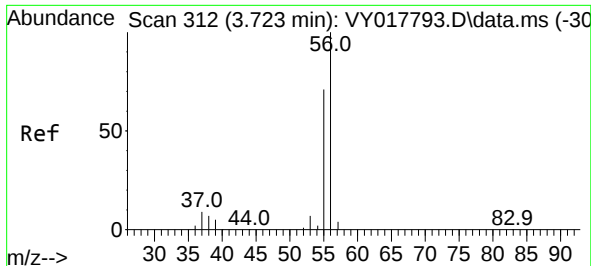
Tgt Ion: 59 Resp: 11175
Ion Ratio Lower Upper
59 100
57 4.3 3.0 4.6



#12
1,1-Dichloroethene
Concen: 17.10 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 96 Resp: 21469
Ion Ratio Lower Upper
96 100
61 160.3 114.6 171.8
98 61.0 50.8 76.2





#13

Acrolein

Concen: 86.36 ug/l

RT: 3.728 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

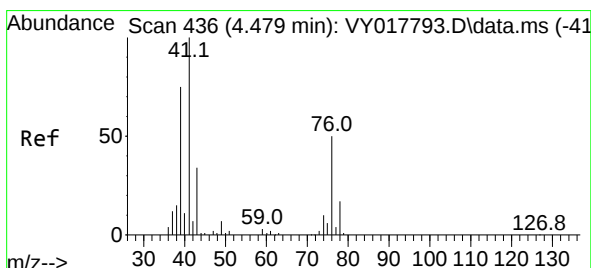
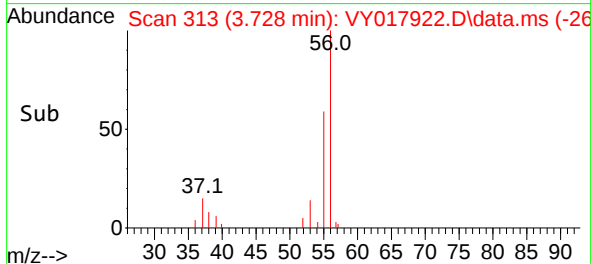
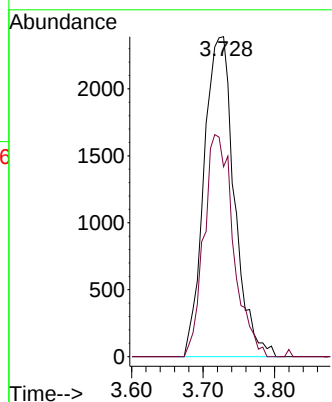
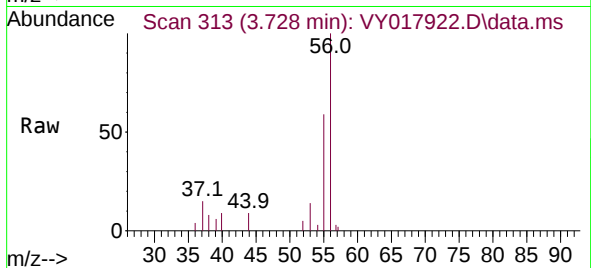
ClientSampleId :

Tgt Ion: 56 Resp: 7043

Ion Ratio Lower Upper

56 100

55 67.2 55.7 83.5



#14

Allyl chloride

Concen: 16.82 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

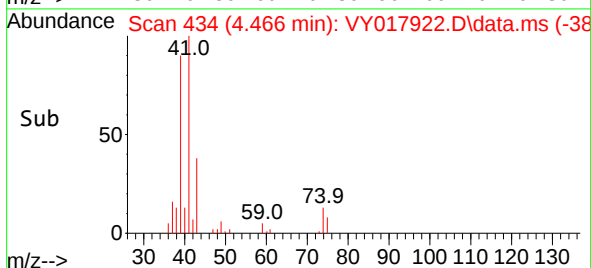
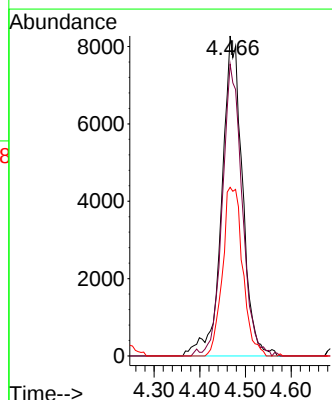
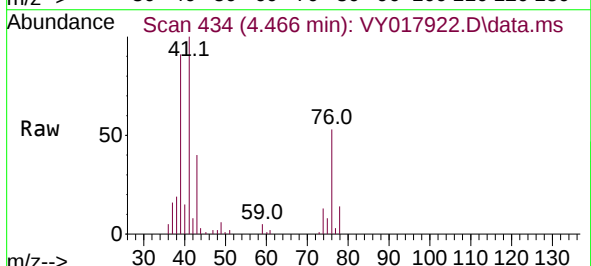
Tgt Ion: 41 Resp: 25920

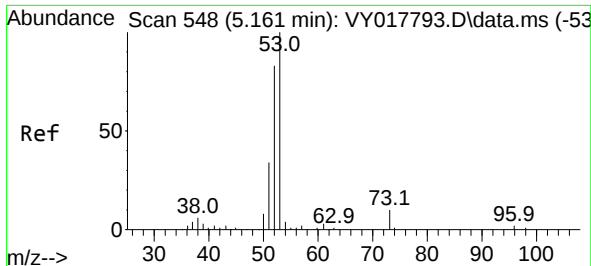
Ion Ratio Lower Upper

41 100

39 87.3 58.3 87.5

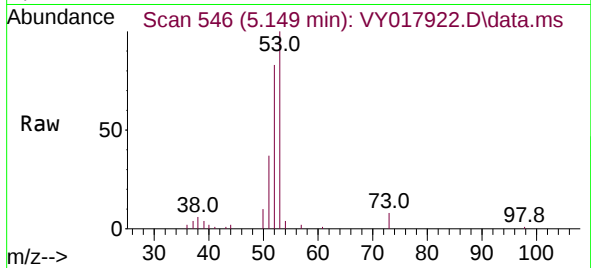
76 51.5 39.0 58.6



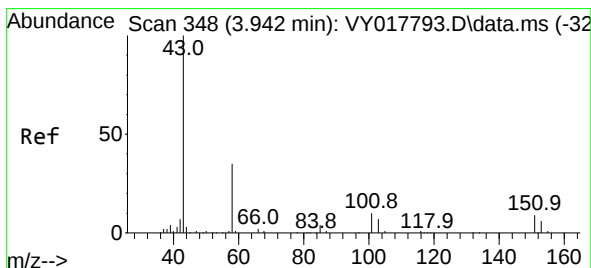
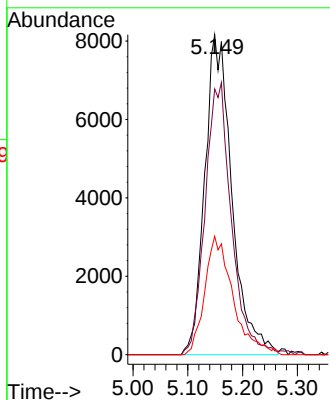
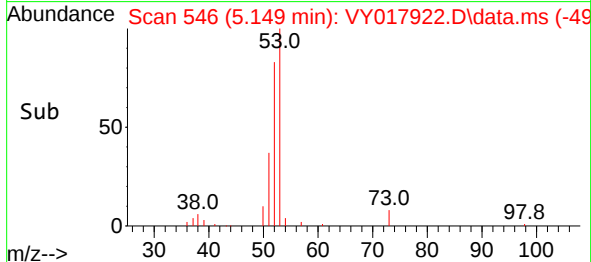


#15
Acrylonitrile
Concen: 101.25 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Instrument :
MSVOA_Y
ClientSampleId :

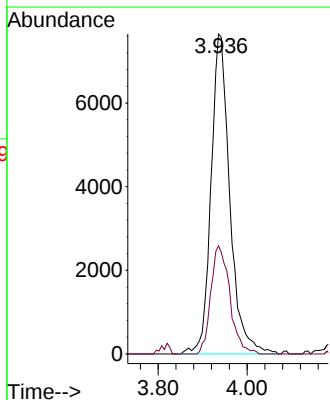
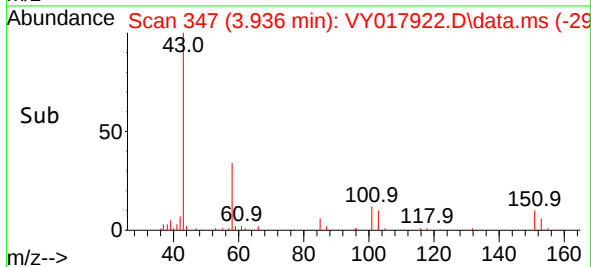
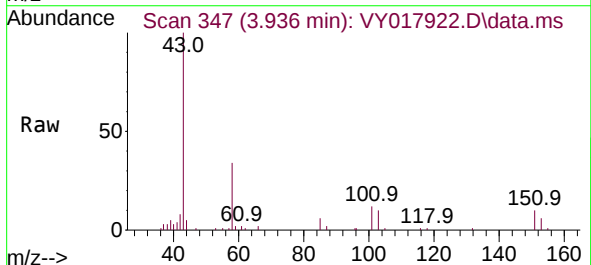


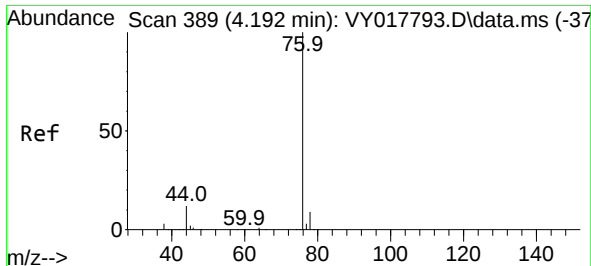
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.3	64.7	97.1
51	38.4	28.4	42.6



#16
Acetone
Concen: 93.23 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.8	31.7	47.5





#17

Carbon Disulfide

Concen: 10.36 ug/l

RT: 4.186 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

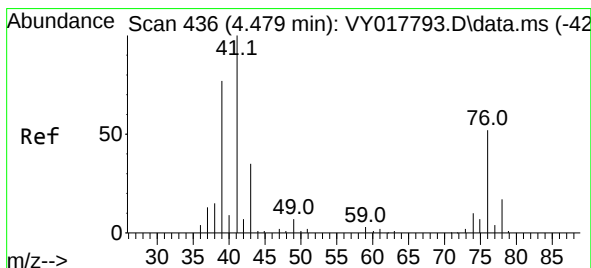
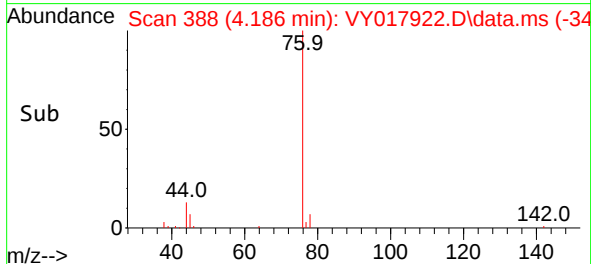
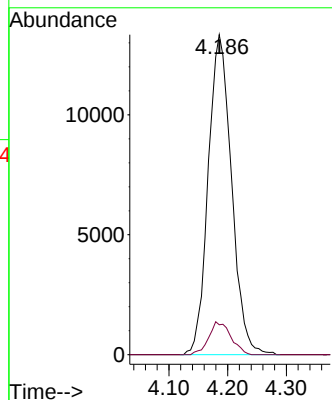
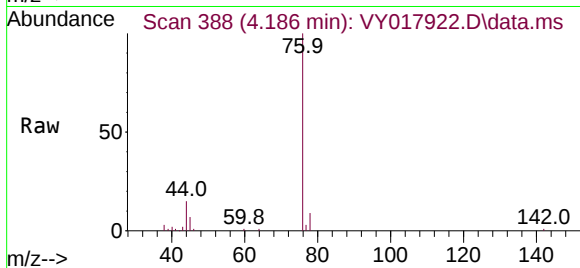
ClientSampleId :

Tgt Ion: 76 Resp: 36833

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2



#18

Methyl Acetate

Concen: 20.72 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017922.D

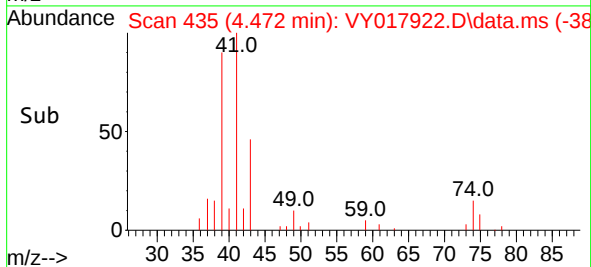
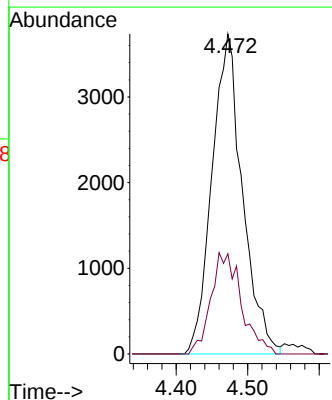
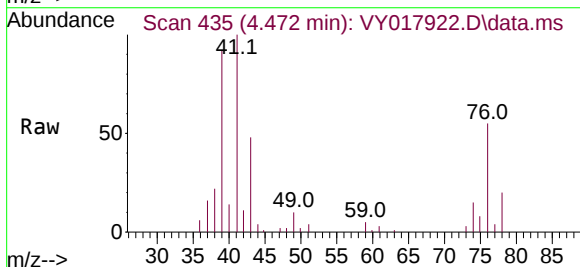
Acq: 12 Apr 2024 13:30

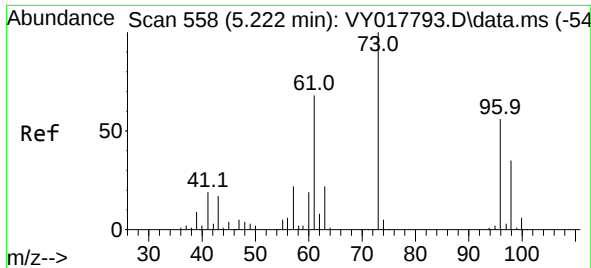
Tgt Ion: 43 Resp: 11043

Ion Ratio Lower Upper

43 100

74 31.7 23.3 34.9

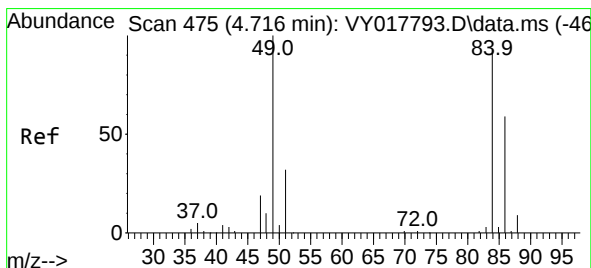
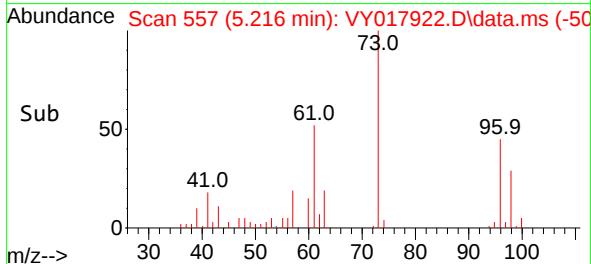
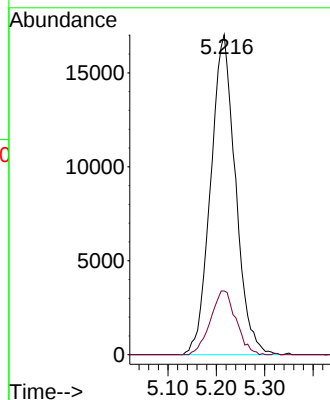
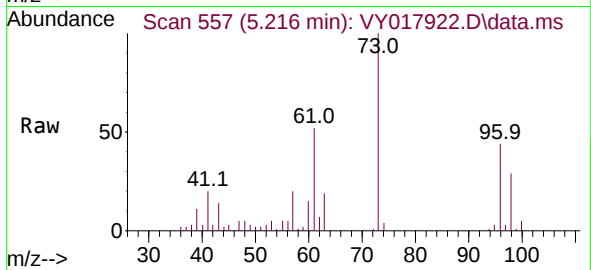




#19
Methyl tert-butyl Ether
Concen: 21.12 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

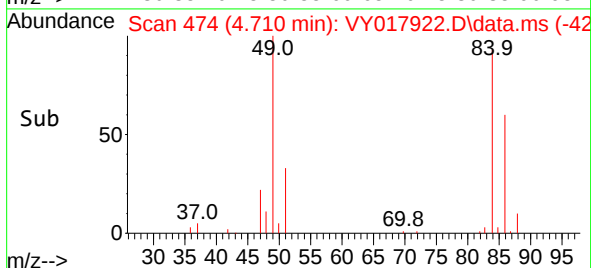
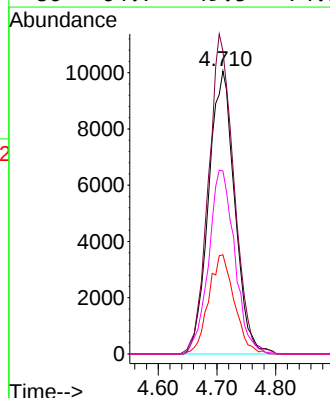
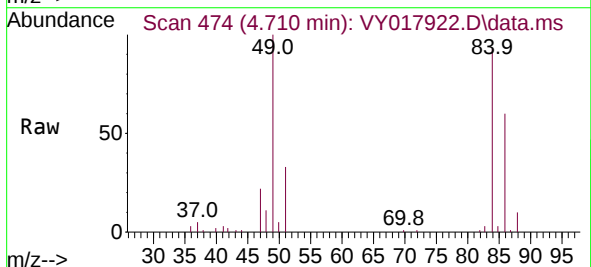
Instrument :
MSVOA_Y
ClientSampleId :

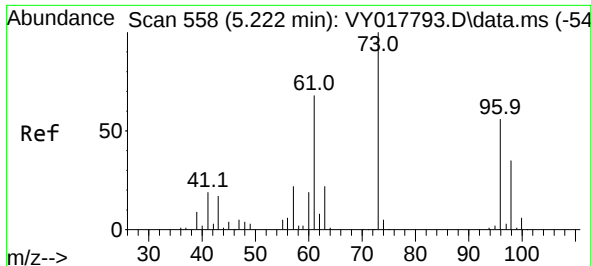
Tgt Ion: 73 Resp: 60717
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 19.39 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 84 Resp: 30984
Ion Ratio Lower Upper
84 100
49 107.1 84.4 126.6
51 35.1 26.0 39.0
86 64.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 17.45 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

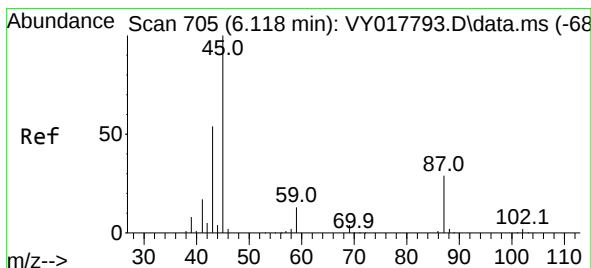
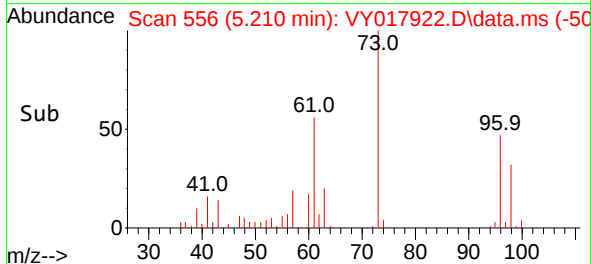
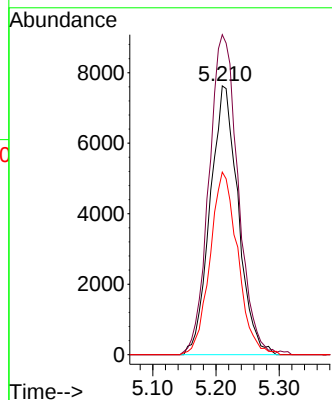
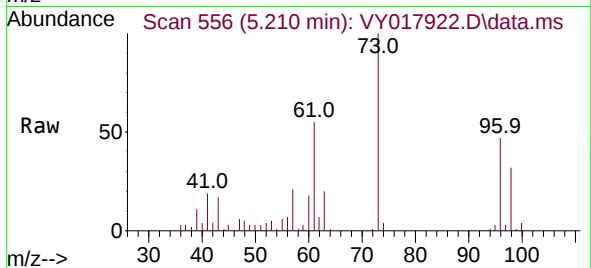
Tgt Ion: 96 Resp: 23450

Ion Ratio Lower Upper

96 100

61 119.1 97.5 146.3

98 67.9 50.5 75.7



#22

Diisopropyl ether

Concen: 20.67 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Tgt Ion: 45 Resp: 73621

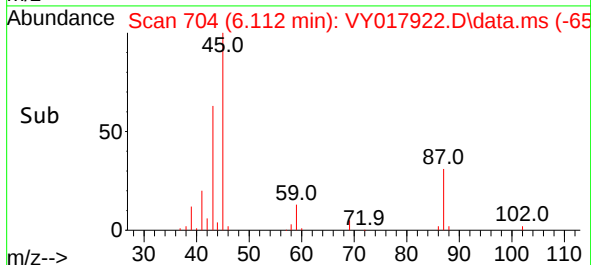
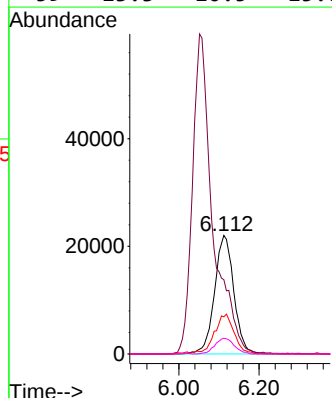
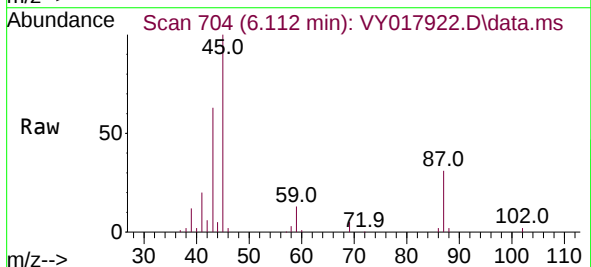
Ion Ratio Lower Upper

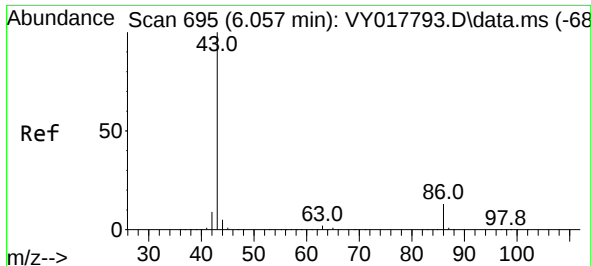
45 100

43 62.2 42.2 63.2

87 31.3 25.0 37.6

59 13.3 10.5 15.7





#23

Vinyl Acetate

Concen: 96.36 ug/l

RT: 6.051 min Scan# 694

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

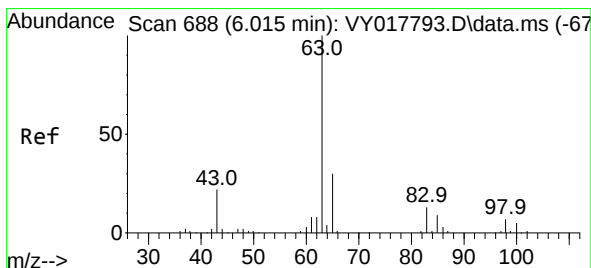
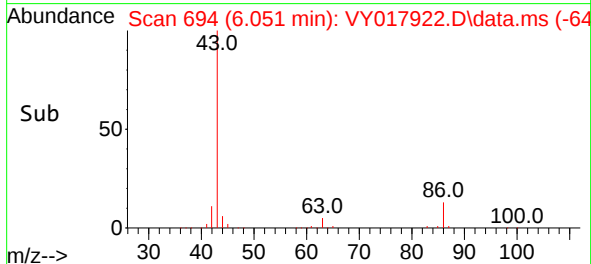
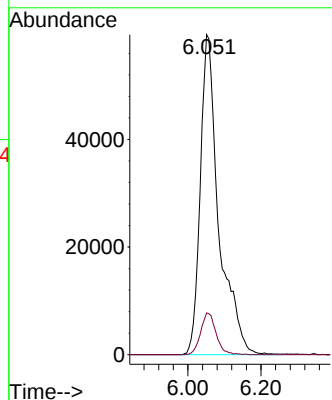
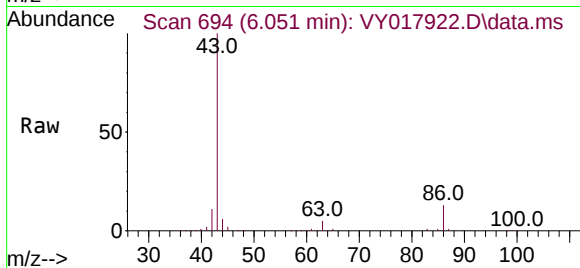
ClientSampleId :

Tgt Ion: 43 Resp: 209495

Ion Ratio Lower Upper

43 100

86 13.0 10.6 16.0



#24

1,1-Dichloroethane

Concen: 20.62 ug/l

RT: 6.009 min Scan# 687

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

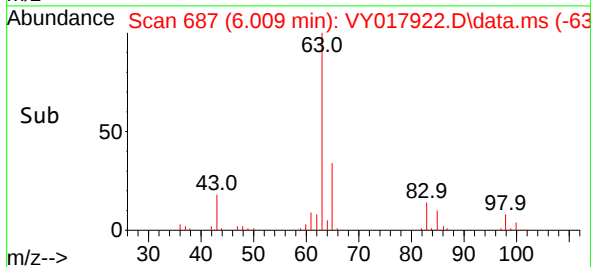
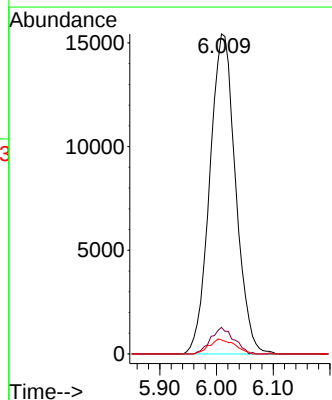
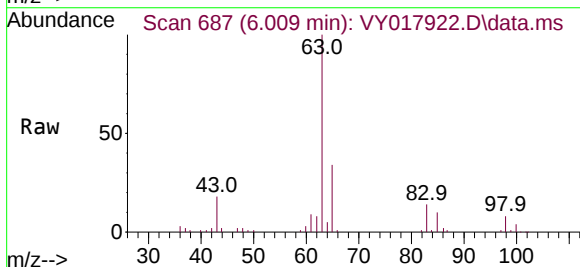
Tgt Ion: 63 Resp: 48746

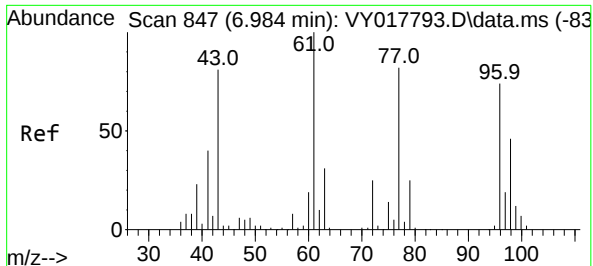
Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.2

100 4.4 2.6 8.0





#25

2-Butanone

Concen: 96.28 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

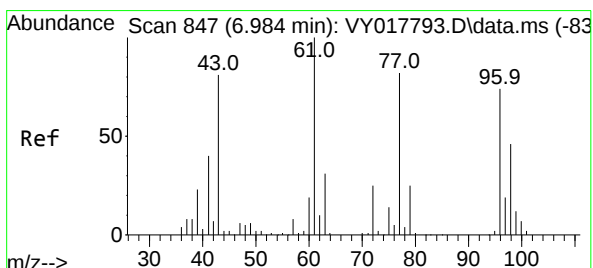
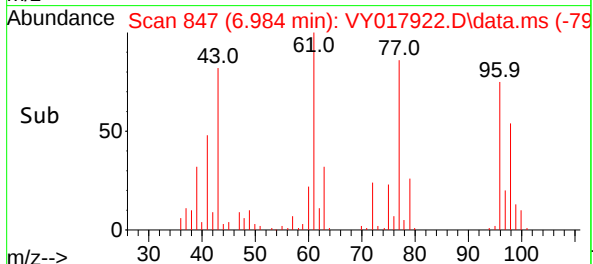
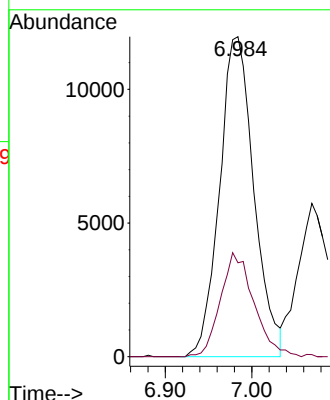
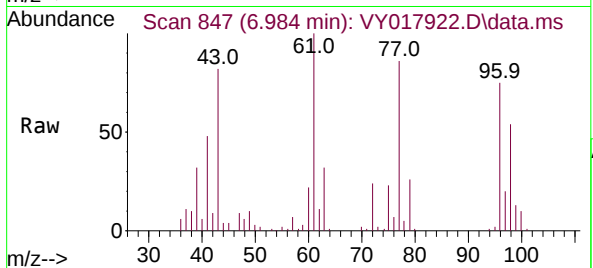
ClientSampleId :

Tgt Ion: 43 Resp: 33004

Ion Ratio Lower Upper

43 100

72 29.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.43 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017922.D

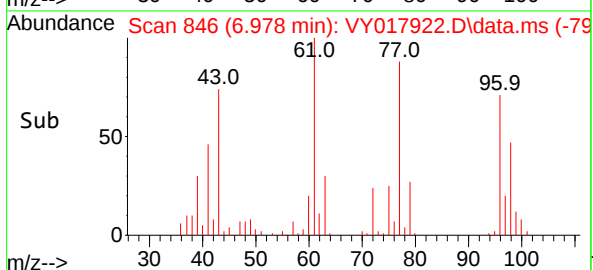
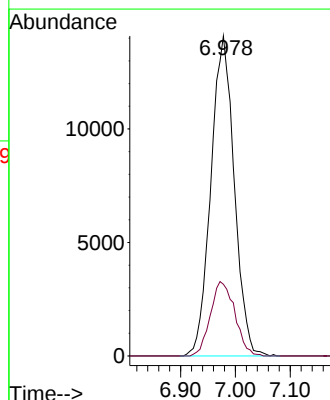
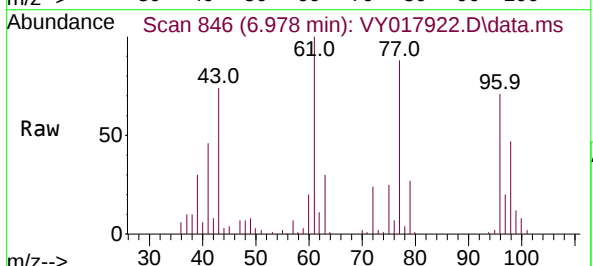
Acq: 12 Apr 2024 13:30

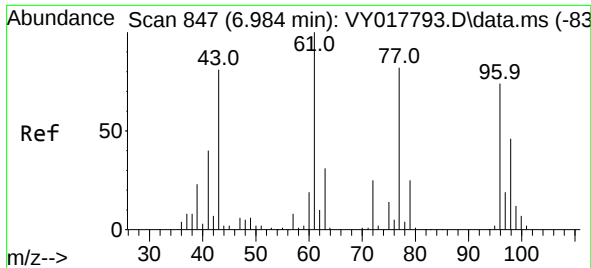
Tgt Ion: 77 Resp: 41715

Ion Ratio Lower Upper

77 100

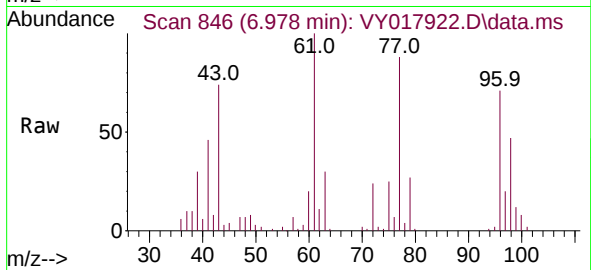
97 24.4 12.0 36.1





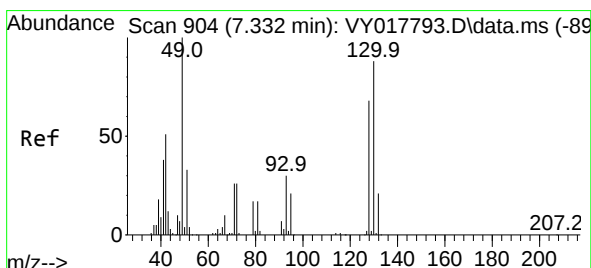
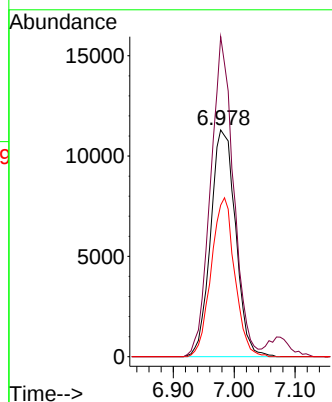
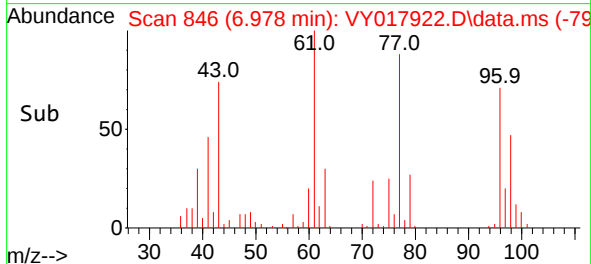
#27
 cis-1,2-Dichloroethene
 Concen: 20.25 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY017922.D
 Acq: 12 Apr 2024 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :

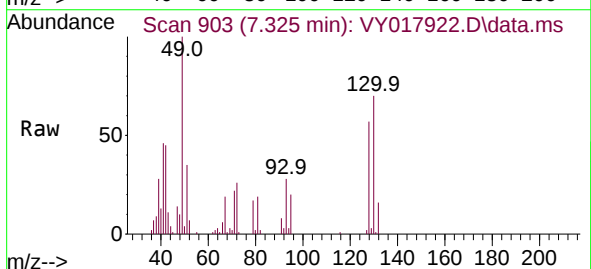


Tgt Ion: 96 Resp: 32162

Ion	Ratio	Lower	Upper
96	100		
61	129.7	0.0	256.2
98	66.0	0.0	130.0

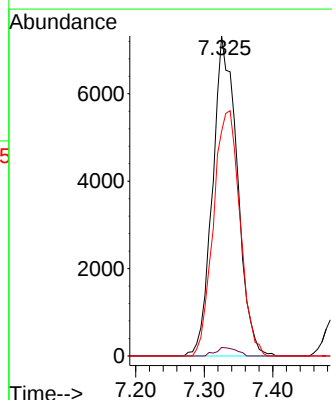
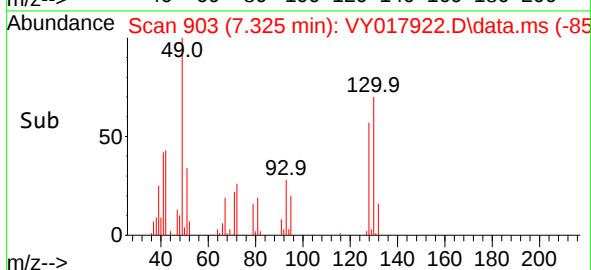


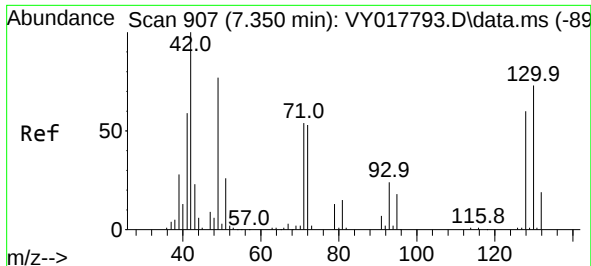
#28
 Bromochloromethane
 Concen: 19.02 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY017922.D
 Acq: 12 Apr 2024 13:30



Tgt Ion: 49 Resp: 18282

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	82.1	72.7	109.1





#29

Tetrahydrofuran

Concen: 93.96 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

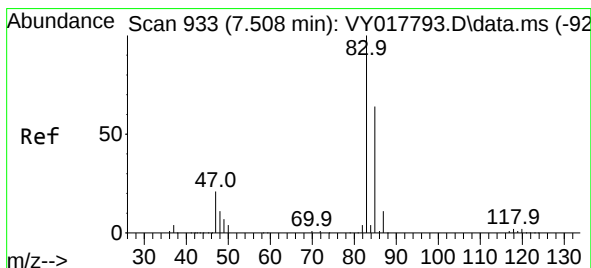
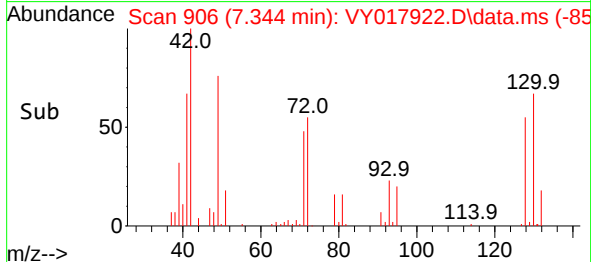
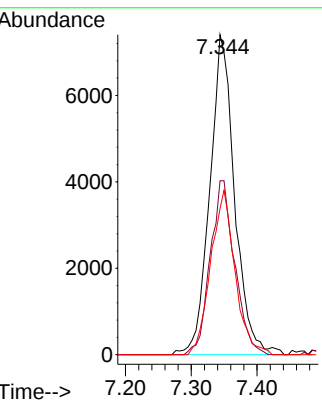
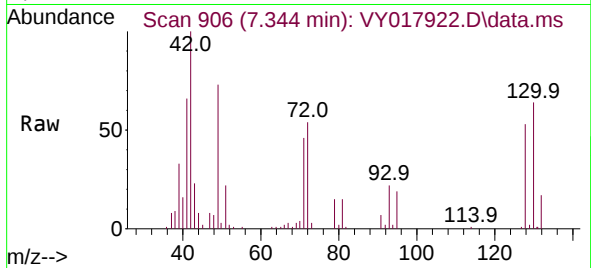
Tgt Ion: 42 Resp: 19326

Ion Ratio Lower Upper

42 100

72 54.1 43.0 64.4

71 50.6 40.8 61.2



#30

Chloroform

Concen: 22.23 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017922.D

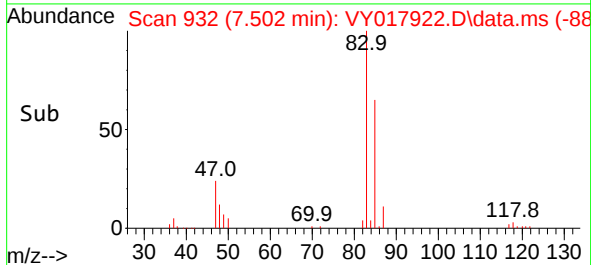
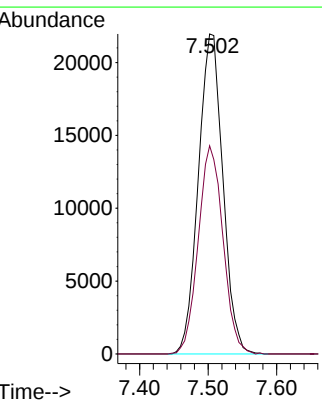
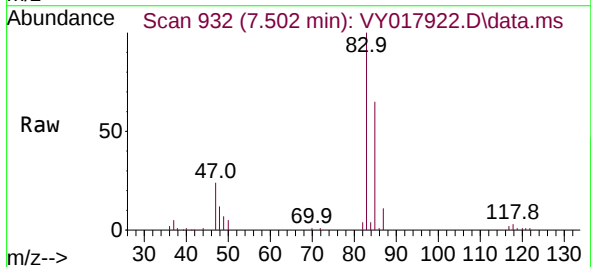
Acq: 12 Apr 2024 13:30

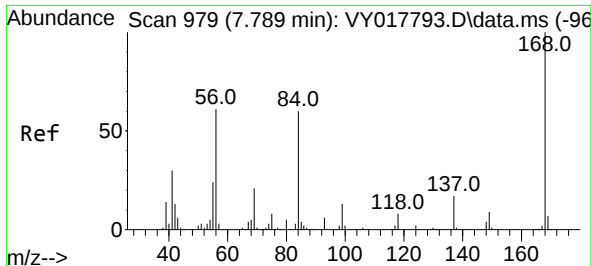
Tgt Ion: 83 Resp: 54514

Ion Ratio Lower Upper

83 100

85 65.1 52.2 78.4

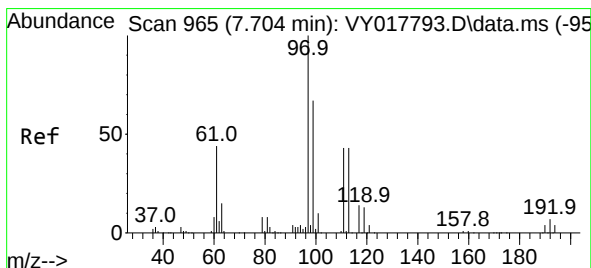
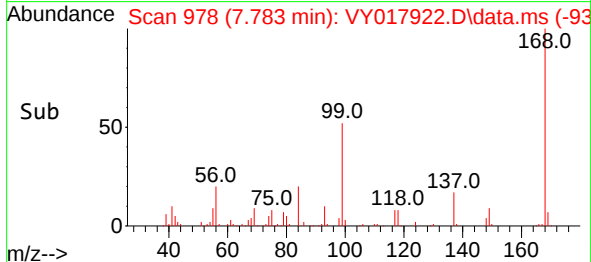
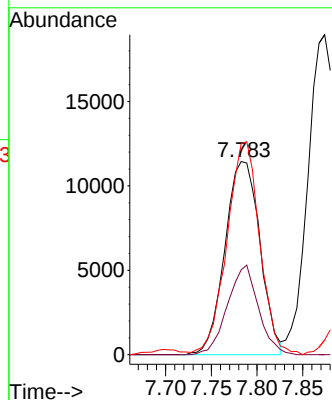
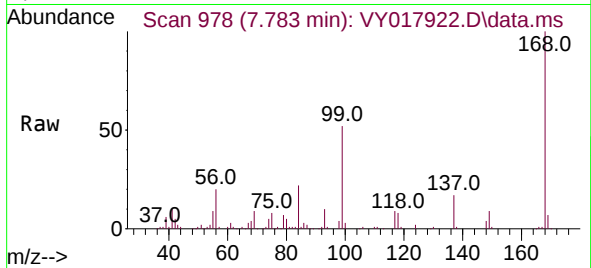




#31
Cyclohexane
Concen: 14.91 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

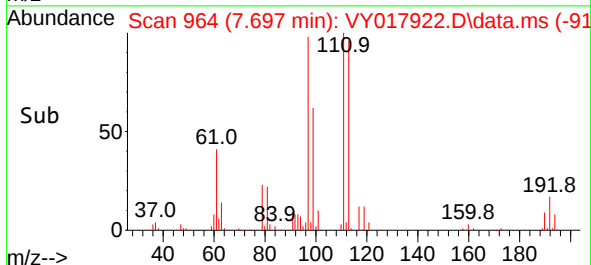
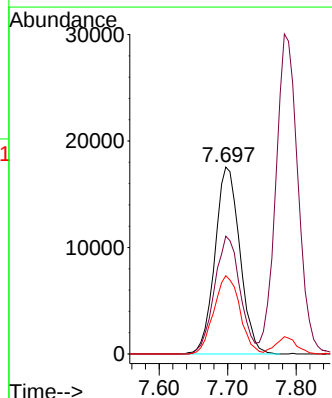
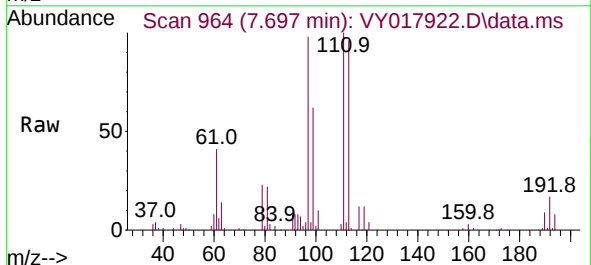
Instrument :
MSVOA_Y
ClientSampleId :

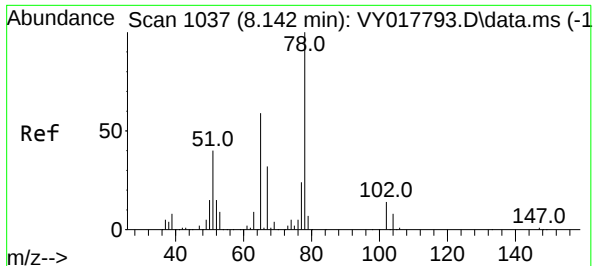
Tgt Ion: 56 Resp: 30571
Ion Ratio Lower Upper
56 100
69 43.9 28.7 43.1#
84 107.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.21 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 97 Resp: 44260
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 43.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 63.29 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

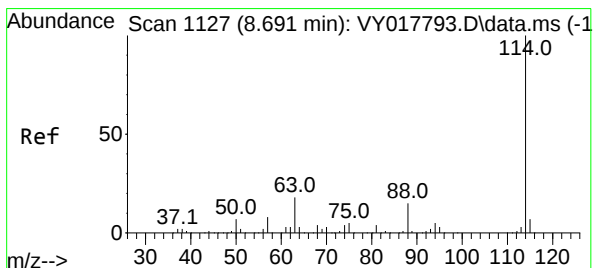
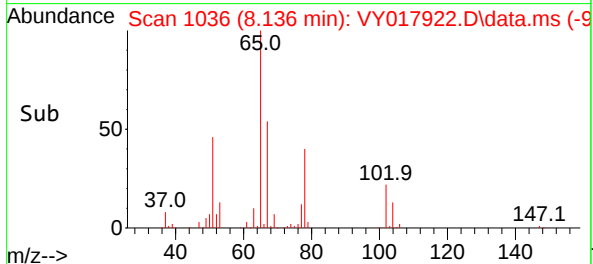
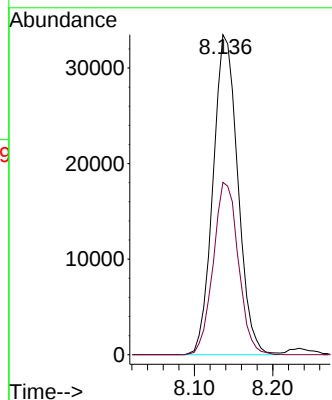
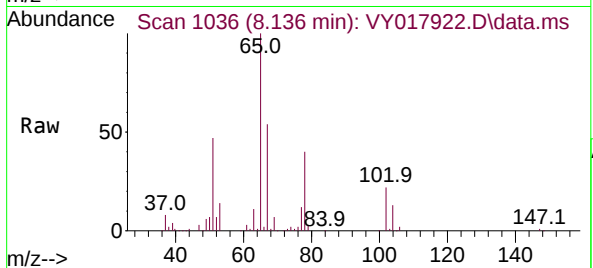
ClientSampleId :

Tgt Ion: 65 Resp: 73672

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

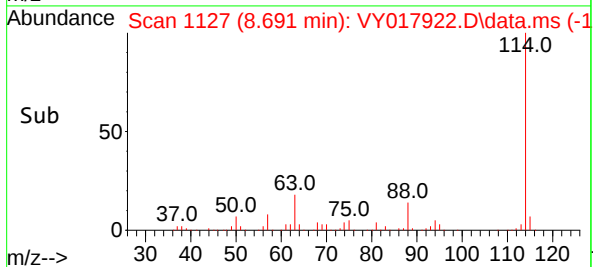
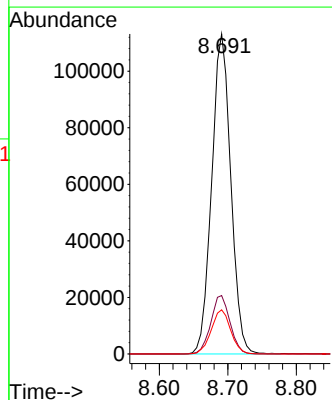
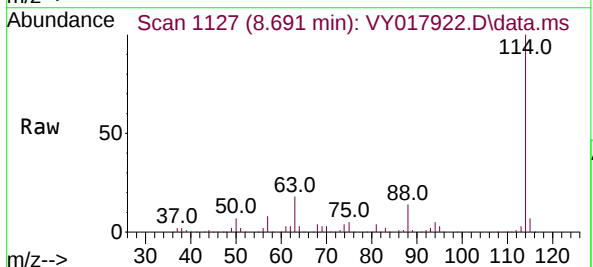
Tgt Ion: 114 Resp: 219036

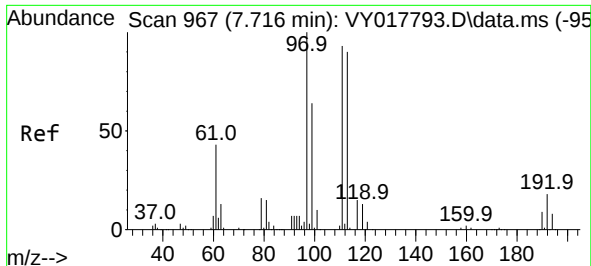
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

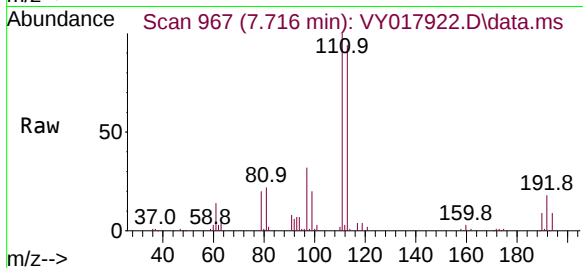
88 13.8 0.0 27.2



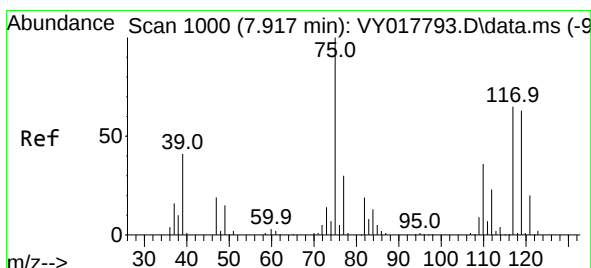
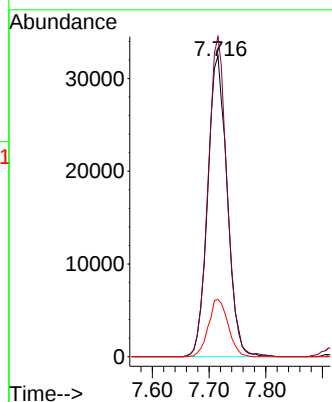
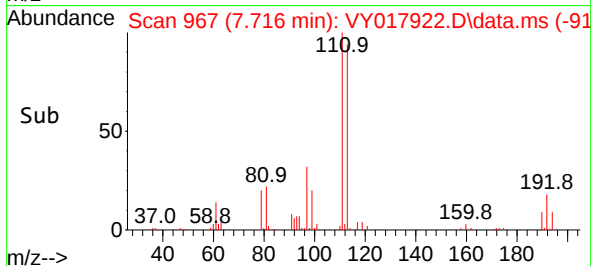


#35
Dibromofluoromethane
Concen: 61.22 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

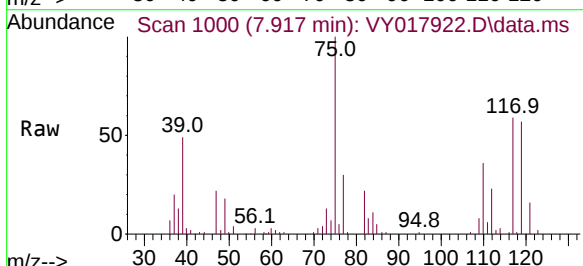
Instrument :
MSVOA_Y
ClientSampleId :



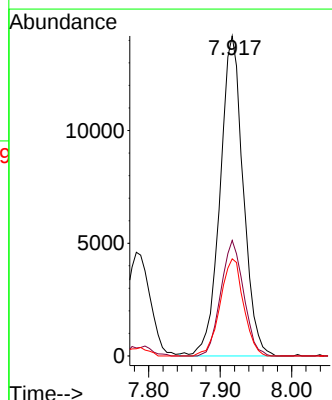
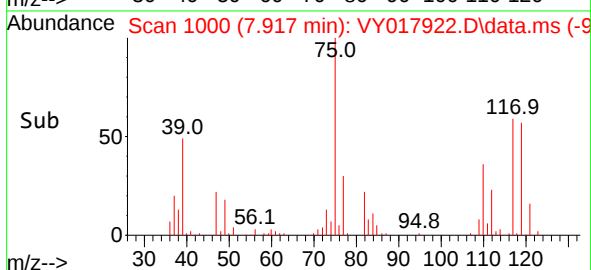
Tgt Ion:113 Resp: 77489
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.3 15.9 23.9

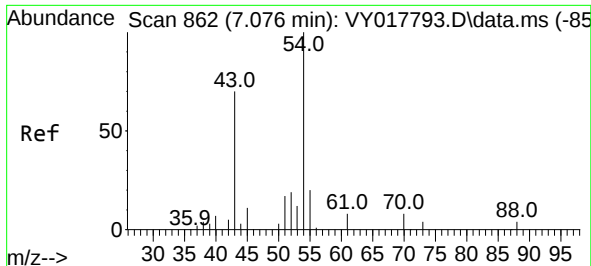


#36
1,1-Dichloropropene
Concen: 17.25 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30



Tgt Ion: 75 Resp: 31852
Ion Ratio Lower Upper
75 100
110 35.5 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 19.61 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

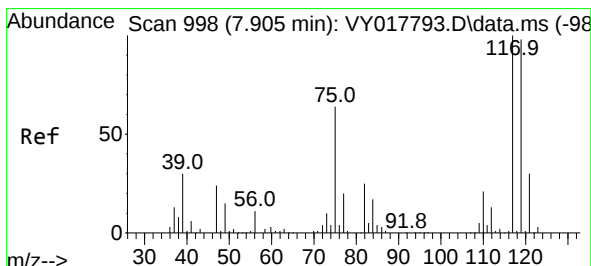
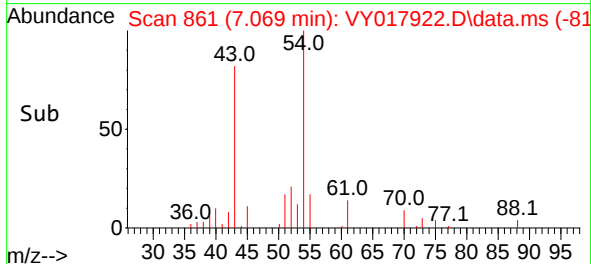
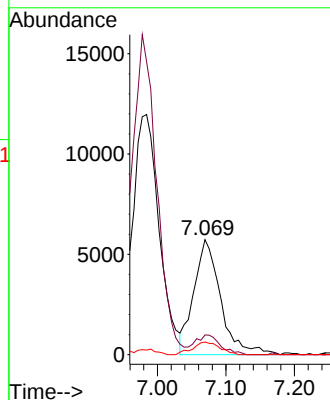
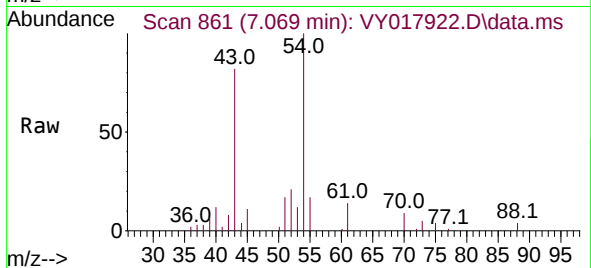
Tgt Ion: 43 Resp: 15627

Ion Ratio Lower Upper

43 100

61 16.6 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.97 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

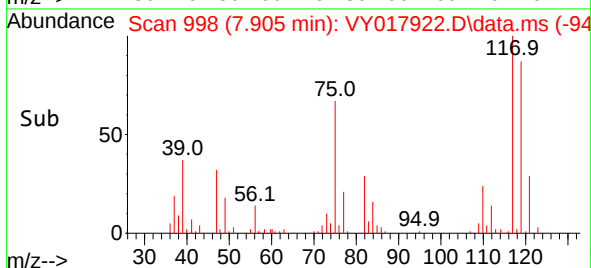
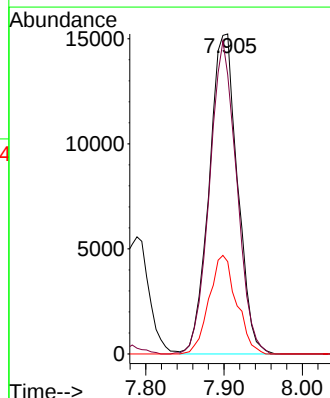
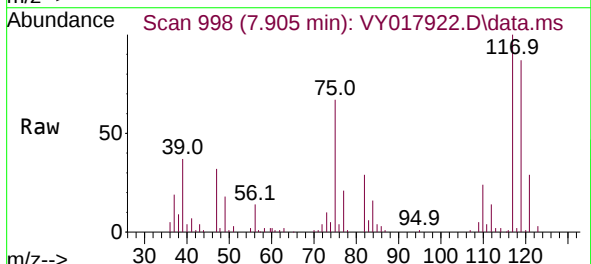
Tgt Ion: 117 Resp: 38277

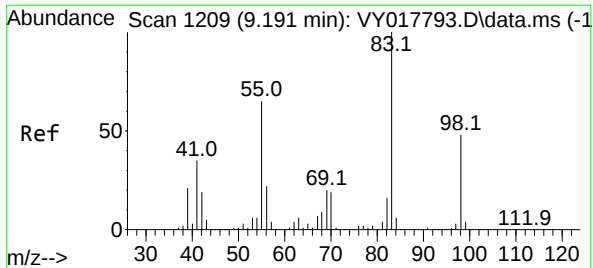
Ion Ratio Lower Upper

117 100

119 87.3 75.8 113.6

121 28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 14.45 ug/l

RT: 9.185 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

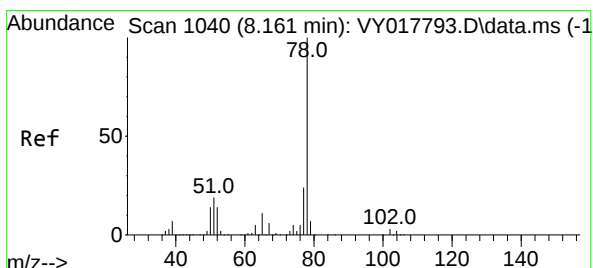
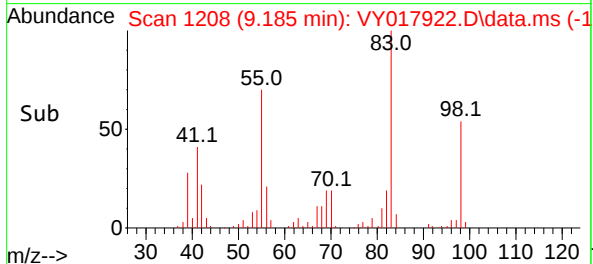
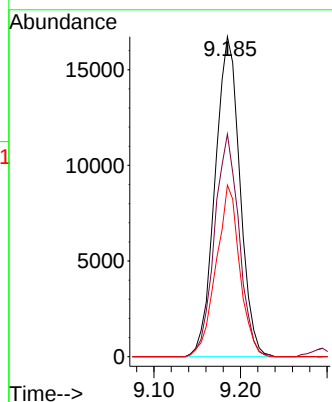
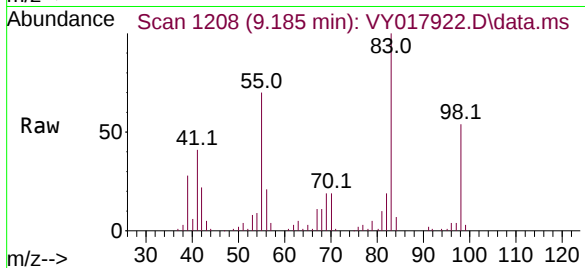
Tgt Ion: 83 Resp: 33328

Ion Ratio Lower Upper

83 100

55 69.5 51.5 77.3

98 53.6 40.5 60.7



#40

Benzene

Concen: 18.86 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY017922.D

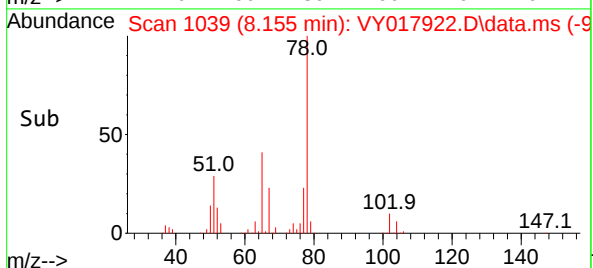
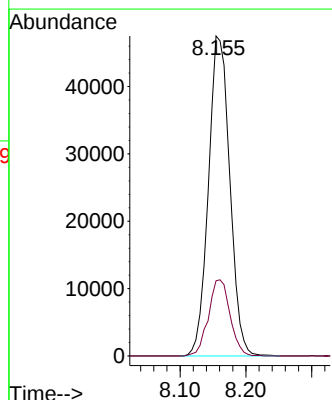
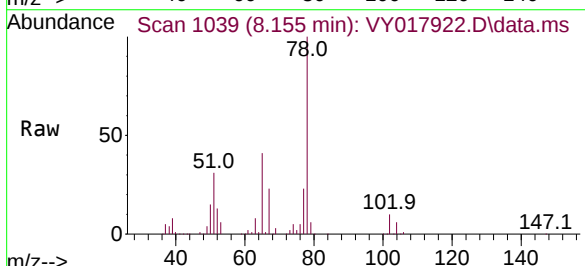
Acq: 12 Apr 2024 13:30

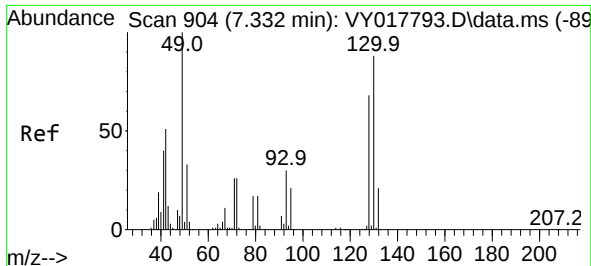
Tgt Ion: 78 Resp: 107326

Ion Ratio Lower Upper

78 100

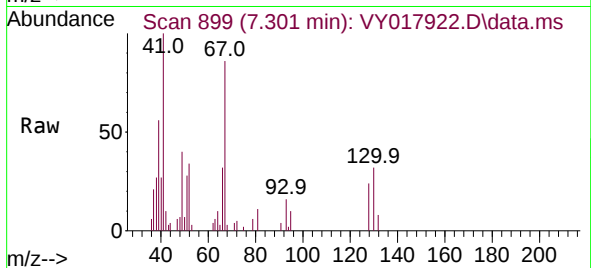
77 23.5 19.5 29.3



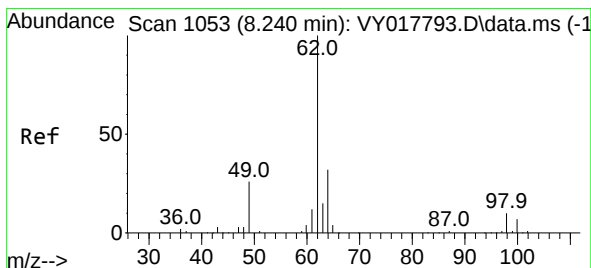
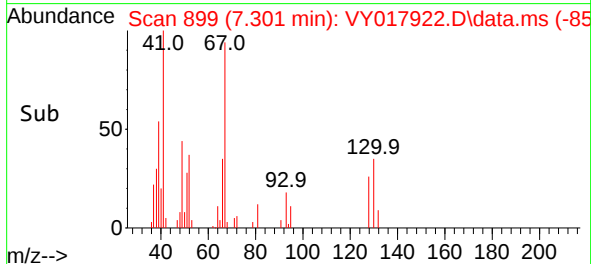
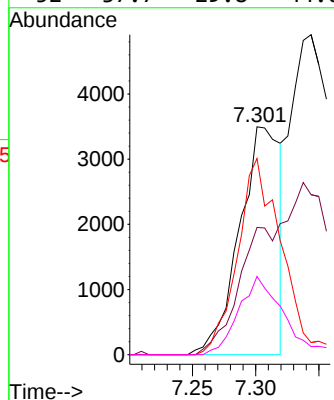


#41
Methacrylonitrile
Concen: 19.32 ug/l
RT: 7.301 min Scan# 89
Delta R.T. -0.031 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Instrument :
MSVOA_Y
ClientSampleId :

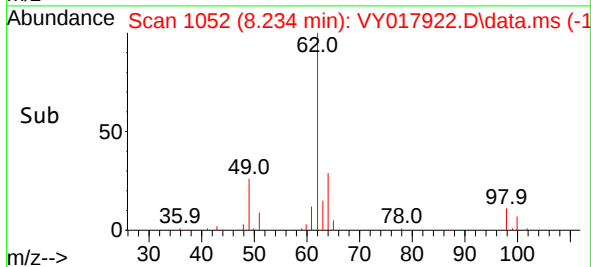
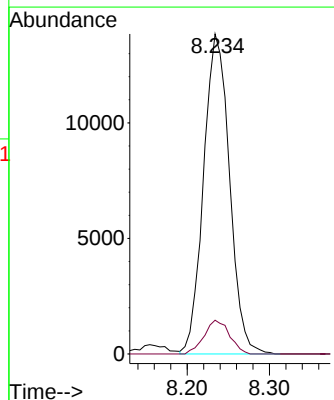
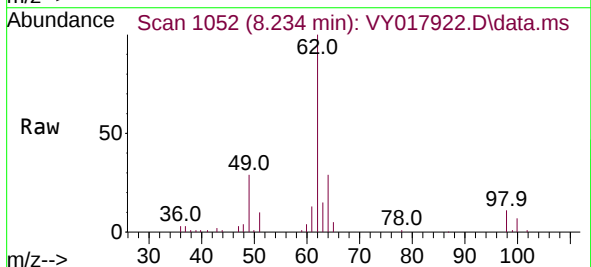


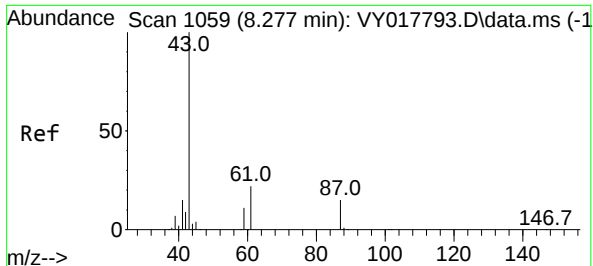
Tgt Ion:	41	Resp:	7816
Ion	Ratio	Lower	Upper
41	100		
39	48.6	48.0	72.0
67	92.9	75.1	112.7
52	37.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.68 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion:	62	Resp:	30376
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.30 ug/l

RT: 8.270 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VY017922.D

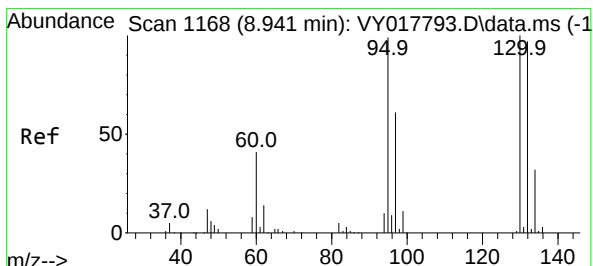
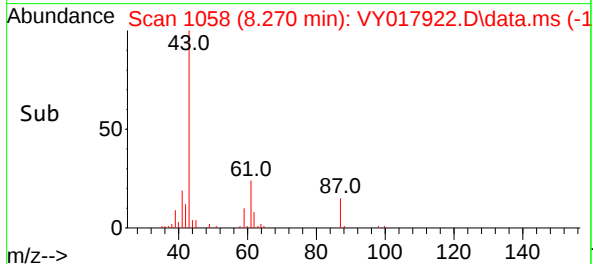
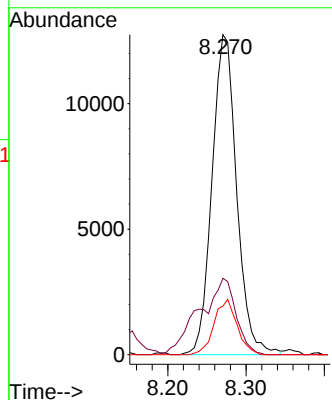
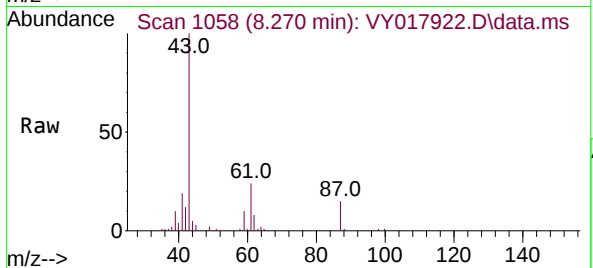
Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 27920
Ion Ratio	Lower Upper
43	100
61	35.3 27.9 41.9
87	16.0 13.1 19.7



#44

Trichloroethene

Concen: 18.45 ug/l

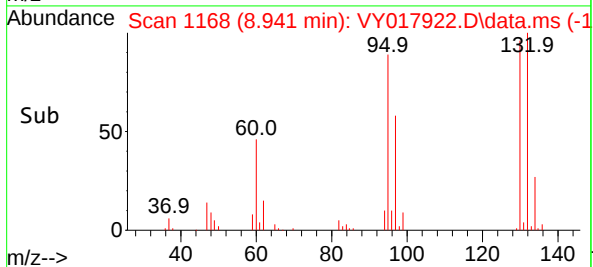
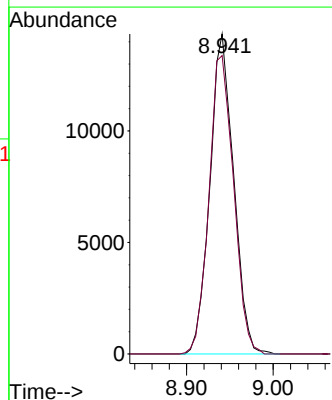
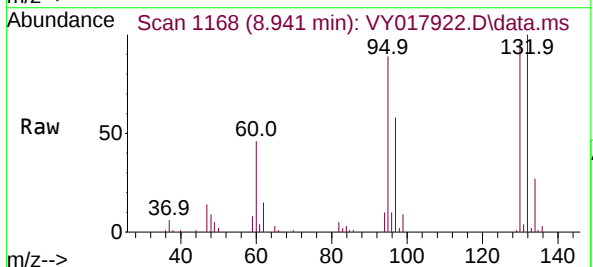
RT: 8.941 min Scan# 1168

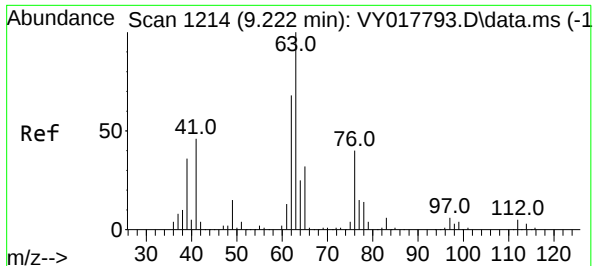
Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Tgt Ion: 130	Resp: 27314
Ion Ratio	Lower Upper
130	100
95	93.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.01 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

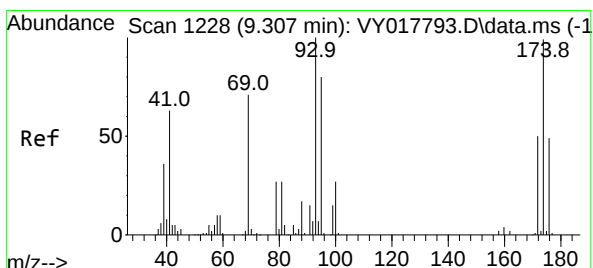
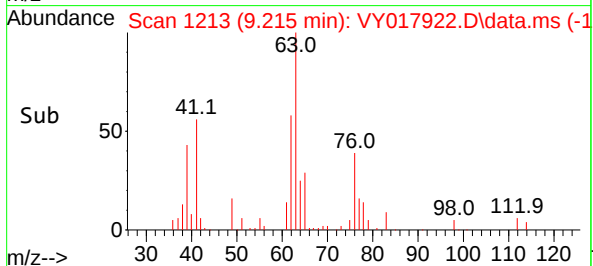
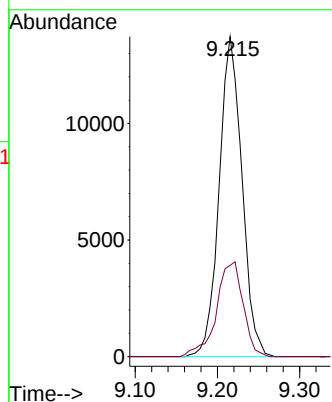
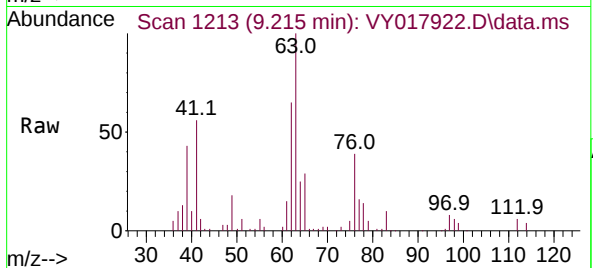
ClientSampleId :

Tgt Ion: 63 Resp: 26463

Ion Ratio Lower Upper

63 100

65 28.6 25.4 38.2



#46

Dibromomethane

Concen: 20.76 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

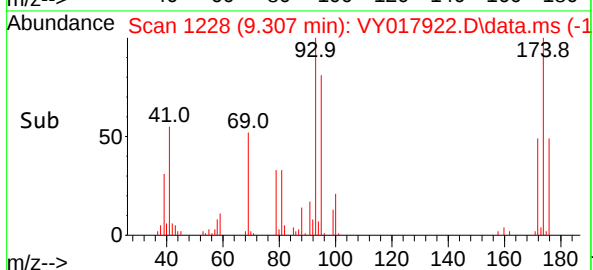
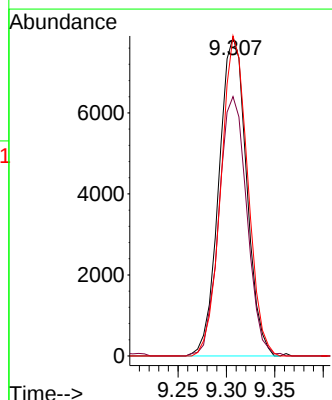
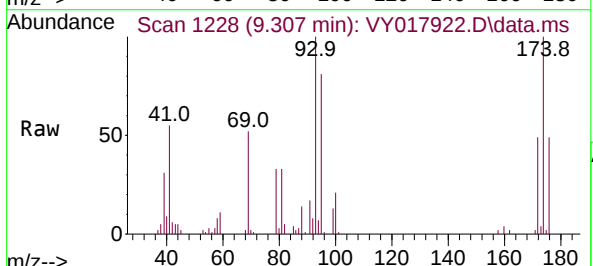
Tgt Ion: 93 Resp: 15601

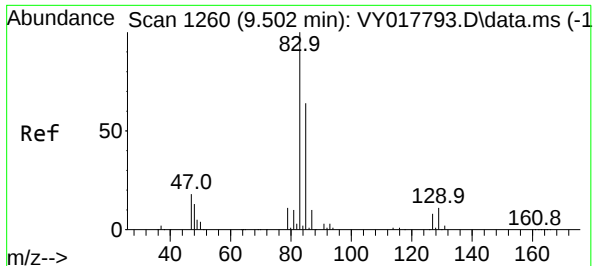
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 96.9 80.9 121.3

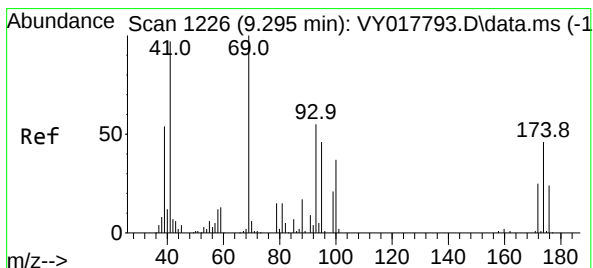
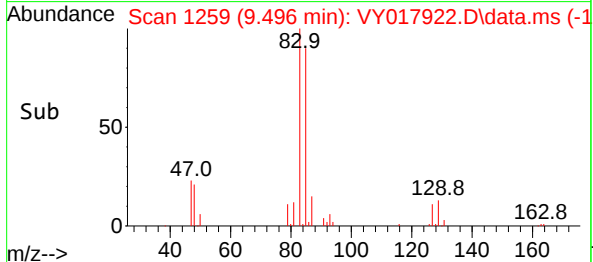
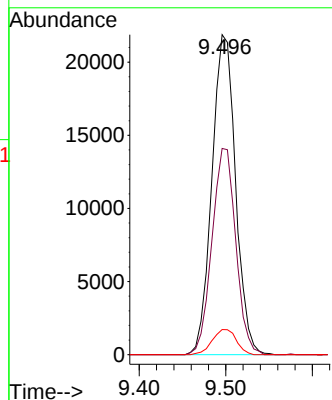
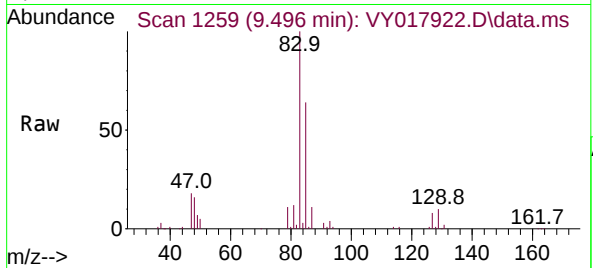




#47
Bromodichloromethane
Concen: 21.88 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

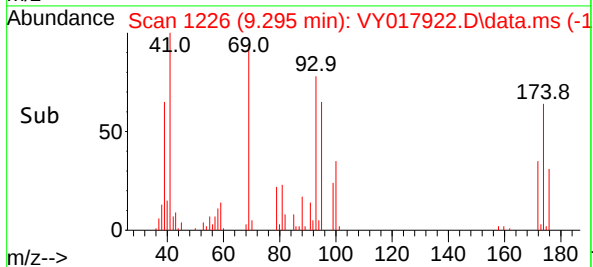
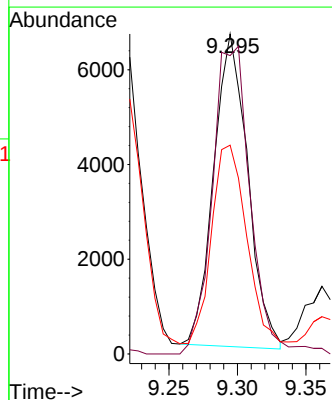
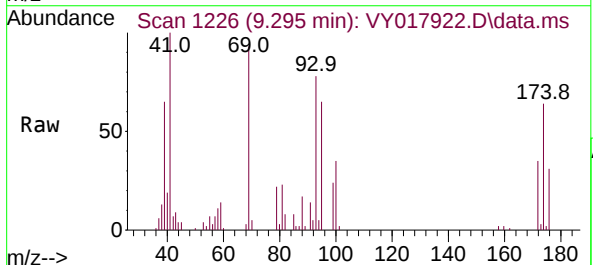
Instrument :
MSVOA_Y
ClientSampleId :

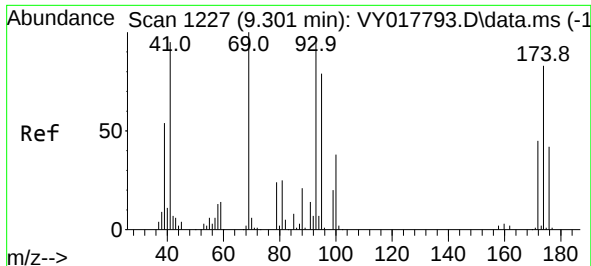
Tgt Ion: 83 Resp: 41546
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 20.51 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 41 Resp: 11401
Ion Ratio Lower Upper
41 100
69 110.0 84.1 126.1
39 73.7 43.6 65.4#





#49

1,4-Dioxane

Concen: 378.32 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

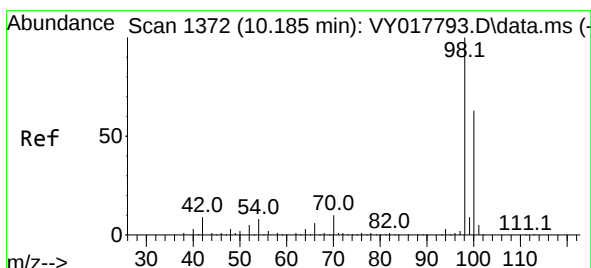
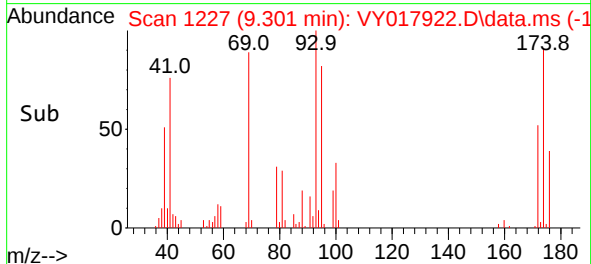
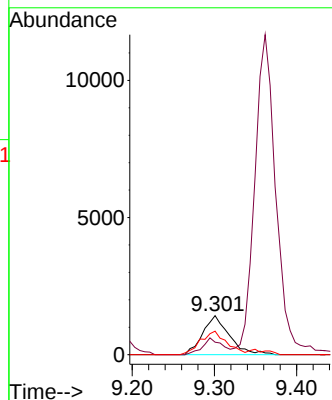
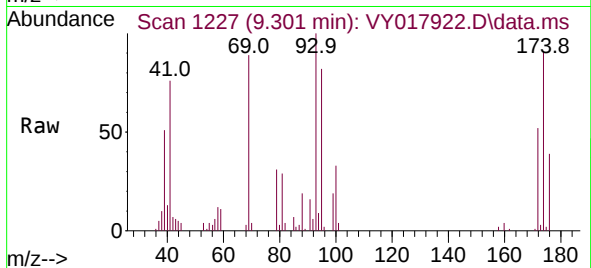
Tgt Ion: 88 Resp: 3191

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0#

58 59.6 49.3 73.9



#50

Toluene-d8

Concen: 59.42 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY017922.D

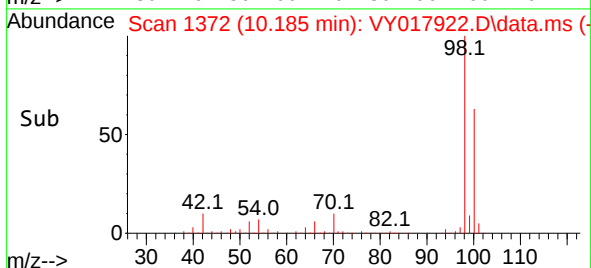
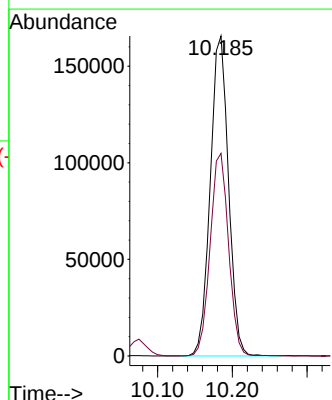
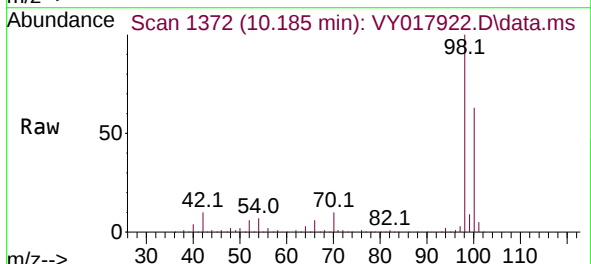
Acq: 12 Apr 2024 13:30

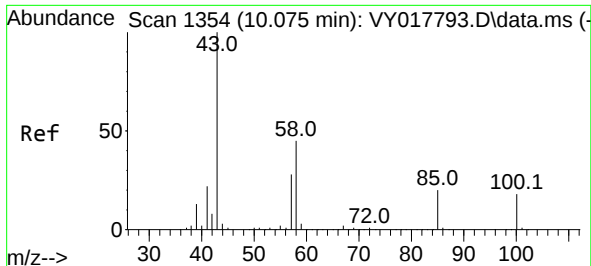
Tgt Ion: 98 Resp: 280938

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 116.53 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

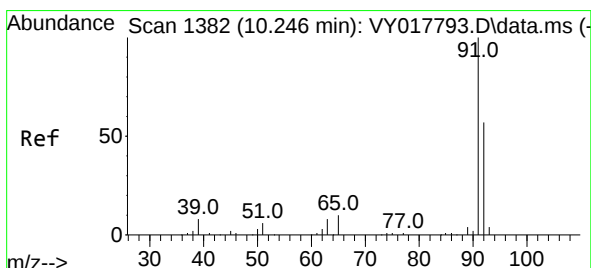
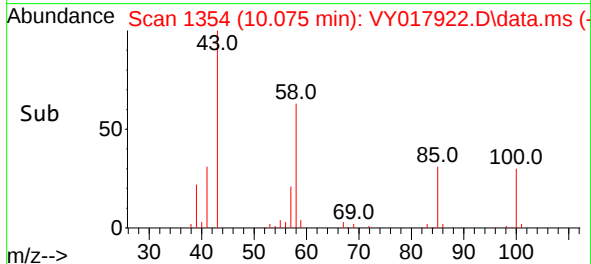
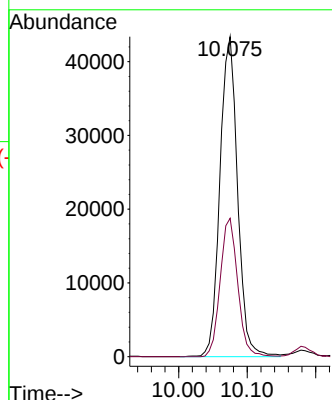
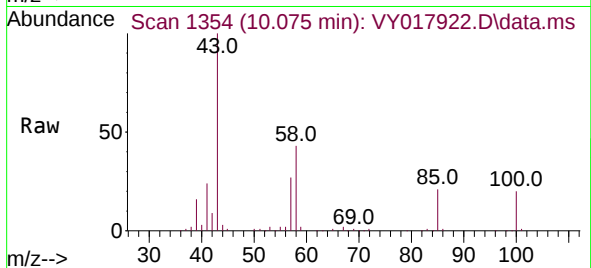
ClientSampleId :

Tgt Ion: 43 Resp: 77403

Ion Ratio Lower Upper

43 100

58 42.9 35.7 53.5



#52

Toluene

Concen: 19.21 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY017922.D

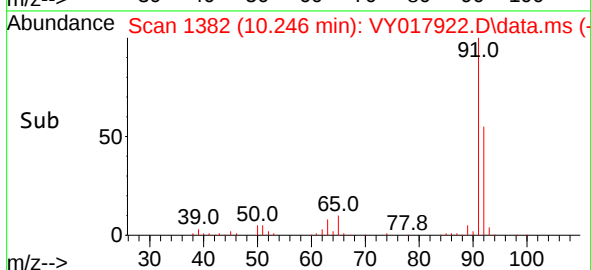
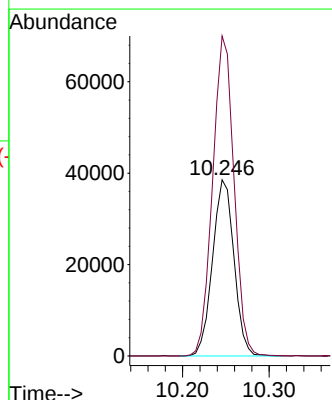
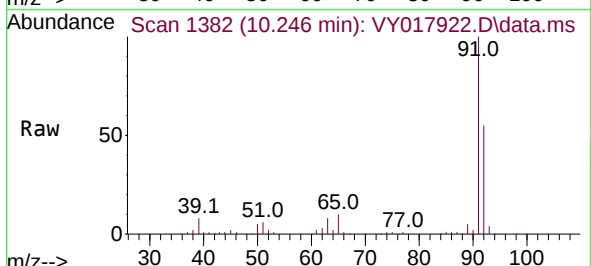
Acq: 12 Apr 2024 13:30

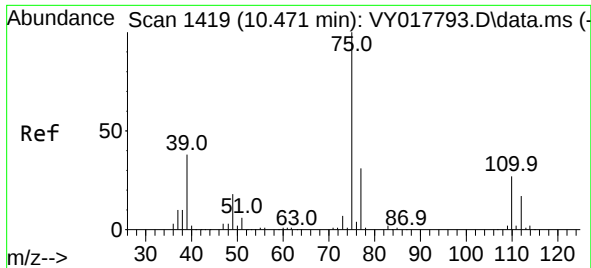
Tgt Ion: 92 Resp: 66303

Ion Ratio Lower Upper

92 100

91 181.0 139.0 208.6

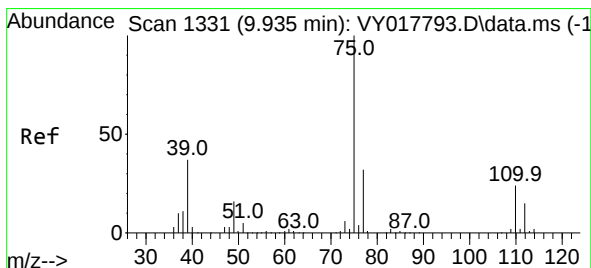
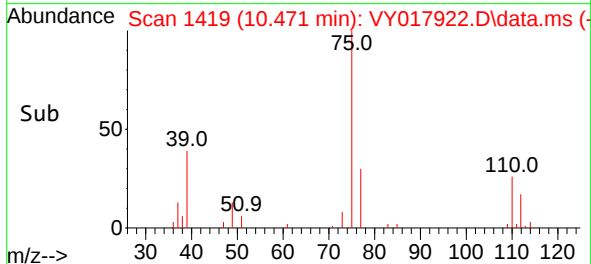
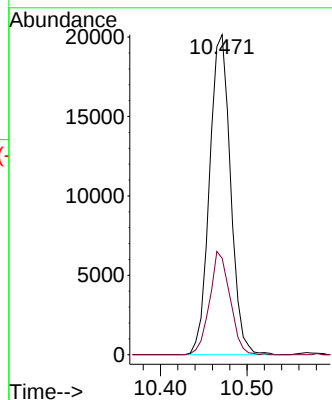
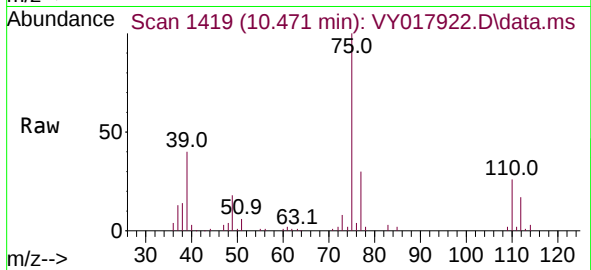




#53
t-1,3-Dichloropropene
Concen: 20.12 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

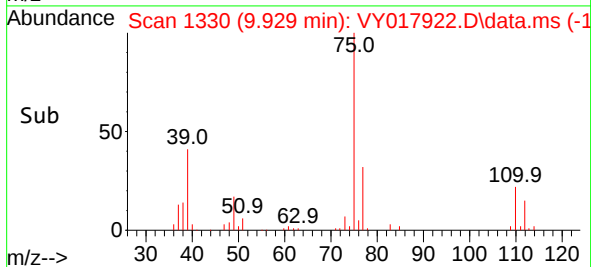
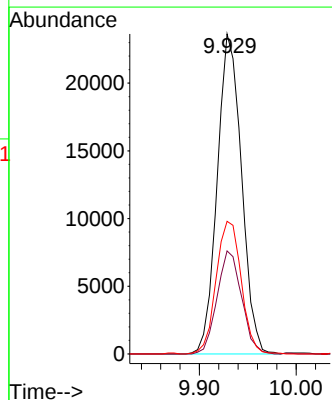
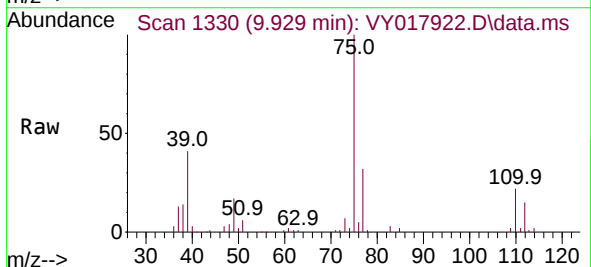
Instrument :
MSVOA_Y
ClientSampleId :

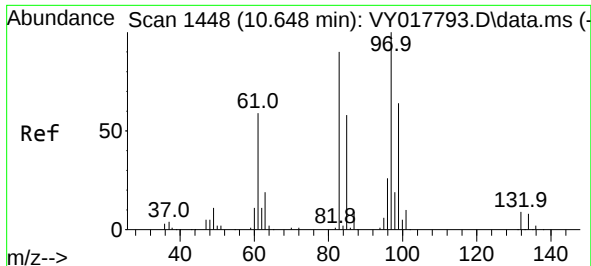
Tgt Ion: 75 Resp: 33919
Ion Ratio Lower Upper
75 100
77 30.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.00 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 75 Resp: 41148
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 41.4 29.8 44.6

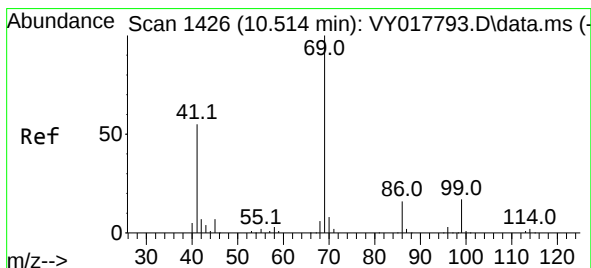
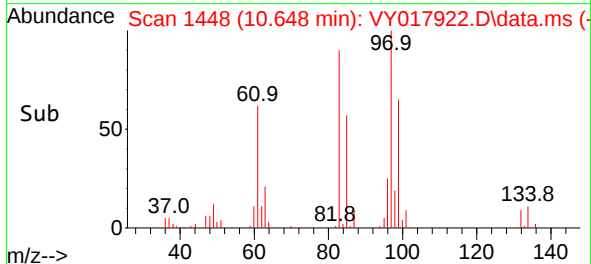
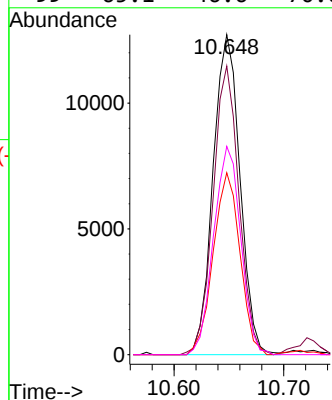
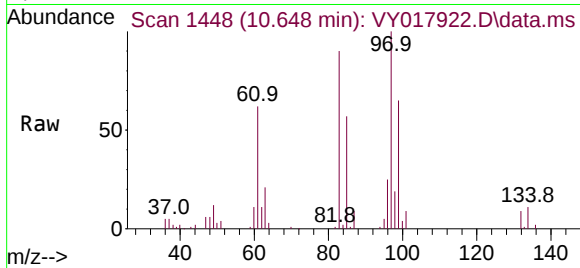




#55
1,1,2-Trichloroethane
Concen: 21.68 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

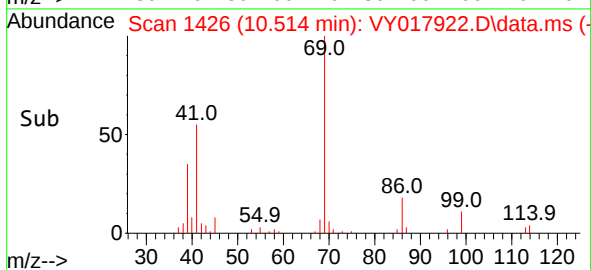
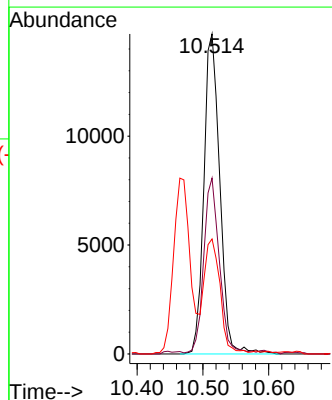
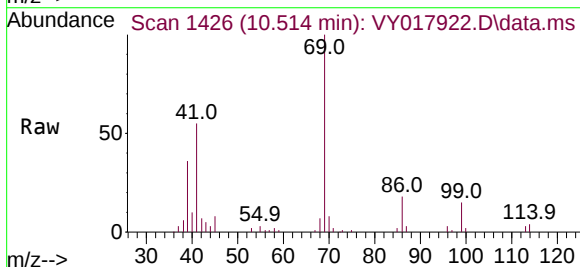
Instrument :
MSVOA_Y
ClientSampleId :

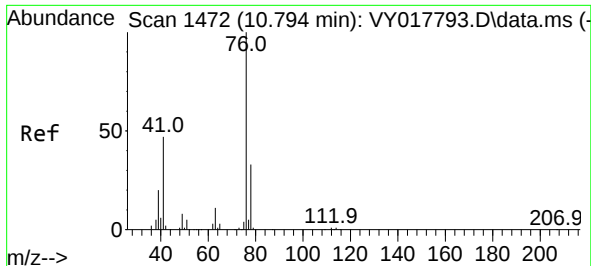
Tgt Ion:	97	Resp:	21704
Ion	Ratio	Lower	Upper
97	100		
83	90.2	67.5	101.3
85	56.8	42.9	64.3
99	65.1	46.6	70.0



#56
Ethyl methacrylate
Concen: 22.32 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion:	69	Resp:	24745
Ion	Ratio	Lower	Upper
69	100		
41	53.0	42.3	63.5
39	34.0	22.9	34.3





#57

1,3-Dichloropropane

Concen: 20.49 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

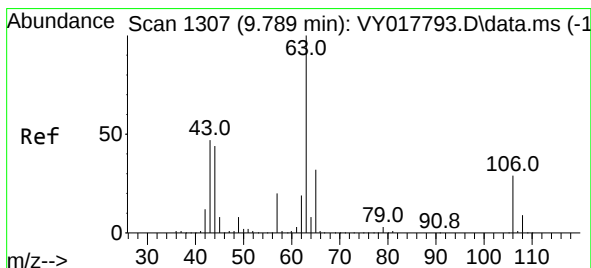
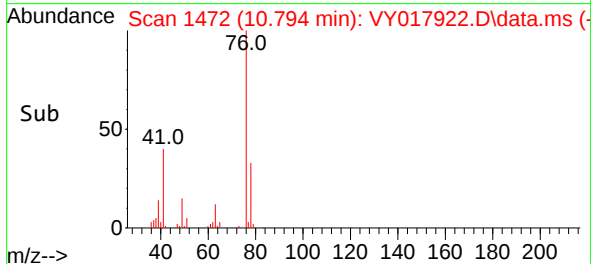
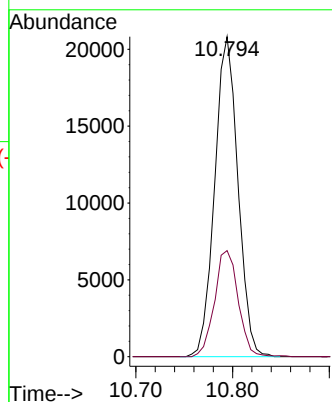
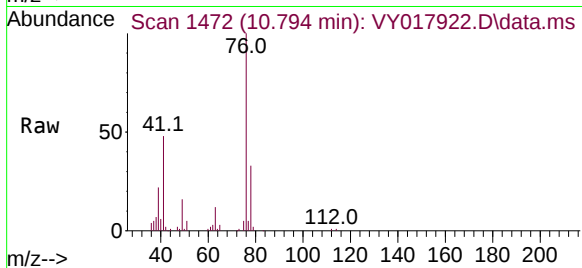
ClientSampleId :

Tgt Ion: 76 Resp: 34690

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.20 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.007 min

Lab File: VY017922.D

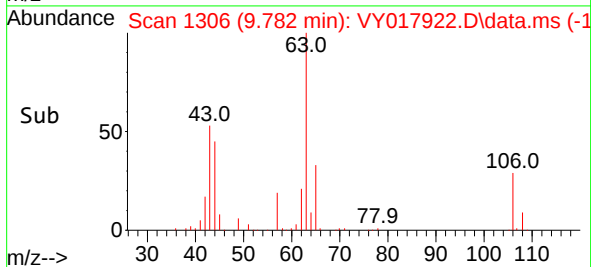
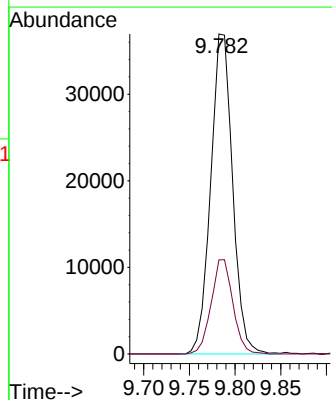
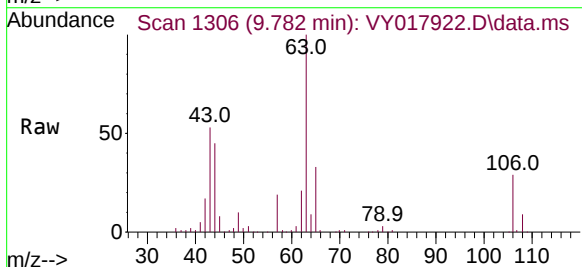
Acq: 12 Apr 2024 13:30

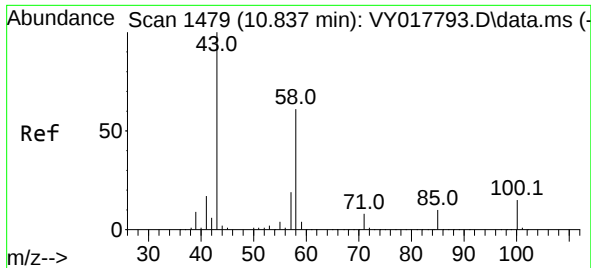
Tgt Ion: 63 Resp: 61587

Ion Ratio Lower Upper

63 100

106 29.3 23.7 35.5

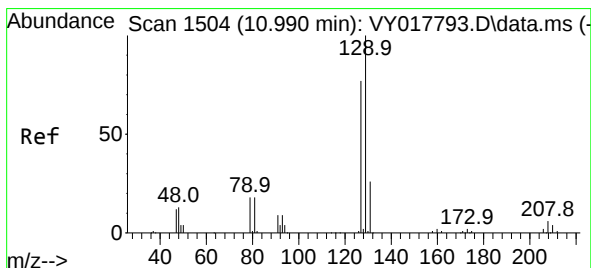
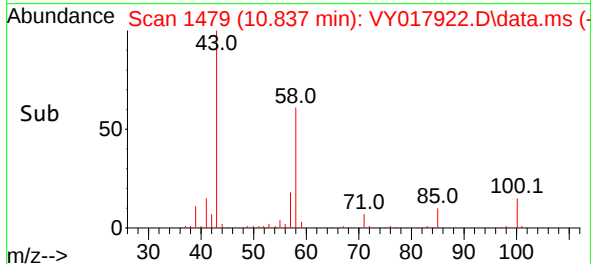
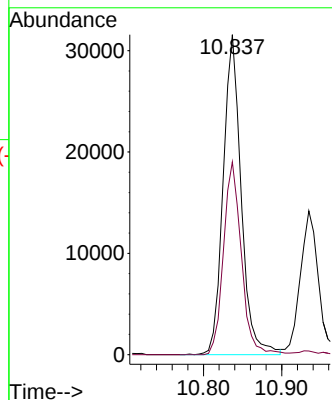
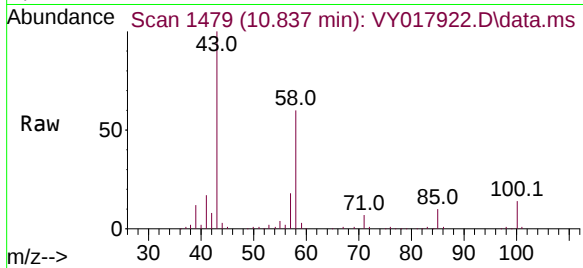




#59
2-Hexanone
Concen: 109.57 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

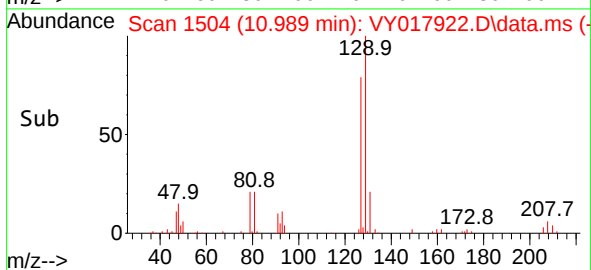
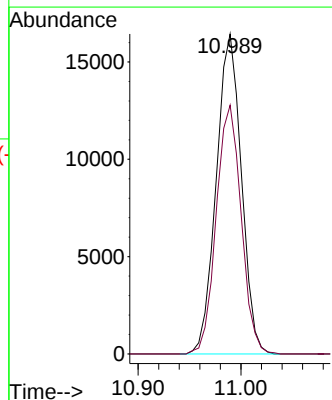
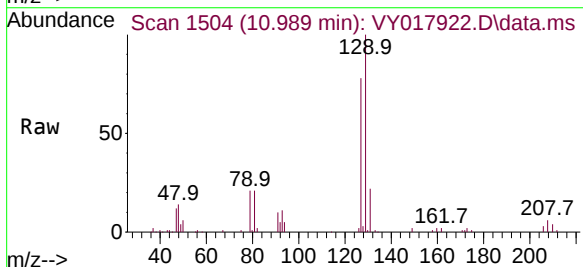
Instrument :
MSVOA_Y
ClientSampleId :

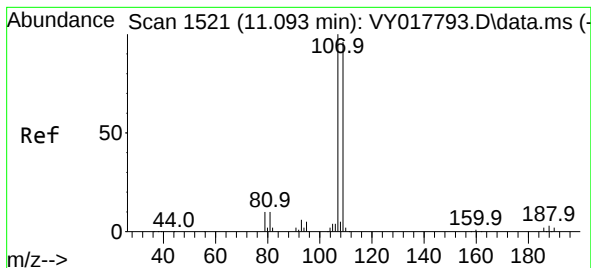
Tgt Ion: 43 Resp: 50522
Ion Ratio Lower Upper
43 100
58 59.8 31.4 94.0



#60
Dibromochloromethane
Concen: 22.07 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion:129 Resp: 27868
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.80 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

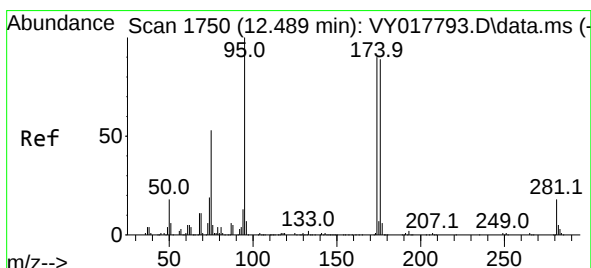
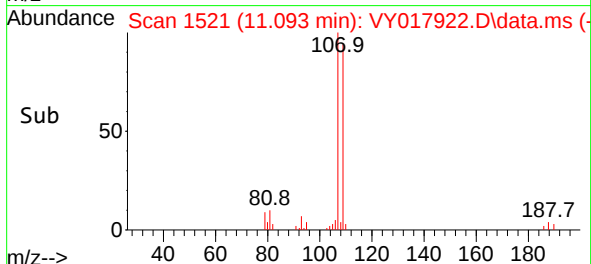
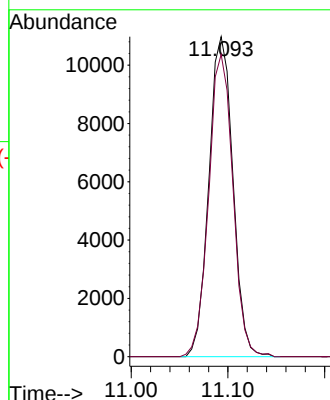
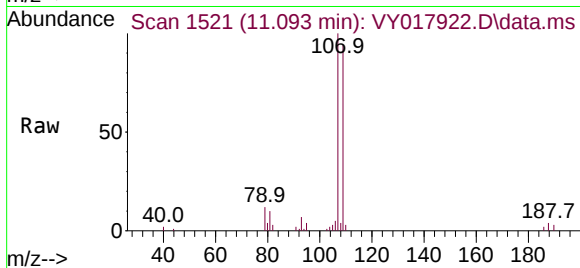
ClientSampleId :

Tgt Ion:107 Resp: 18985

Ion Ratio Lower Upper

107 100

109 95.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 58.93 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

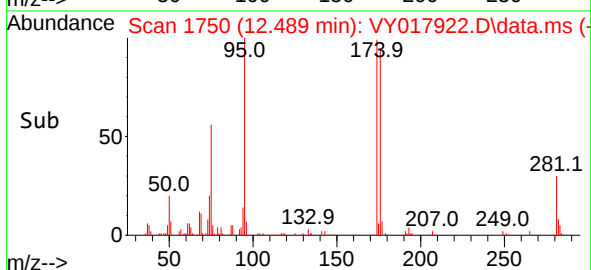
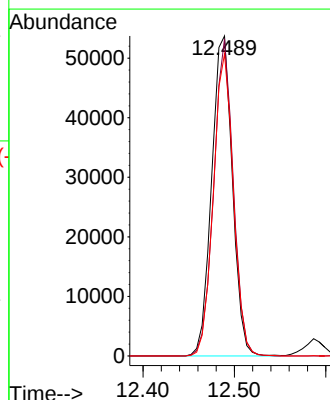
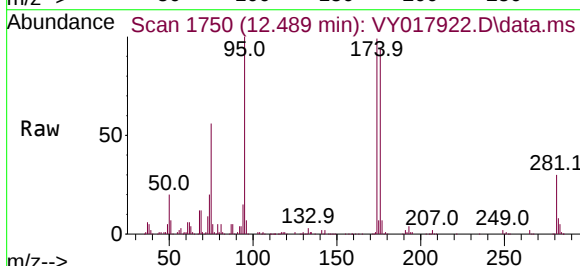
Tgt Ion: 95 Resp: 84771

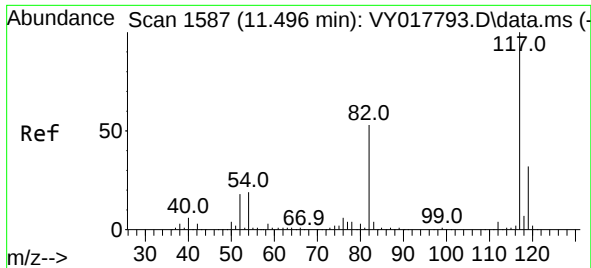
Ion Ratio Lower Upper

95 100

174 93.4 0.0 175.6

176 91.1 0.0 171.4

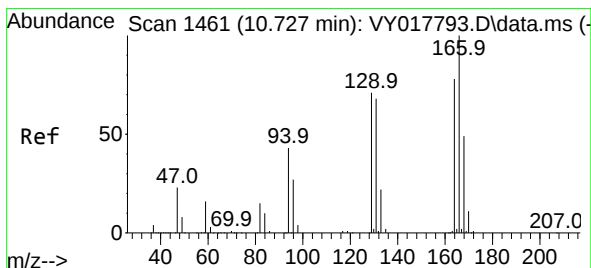
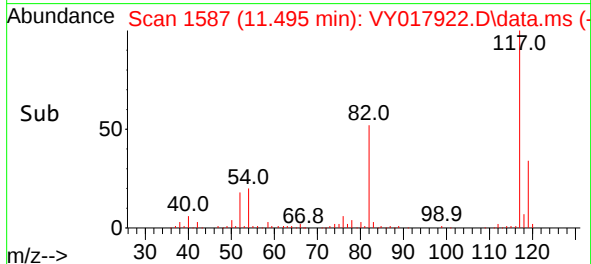
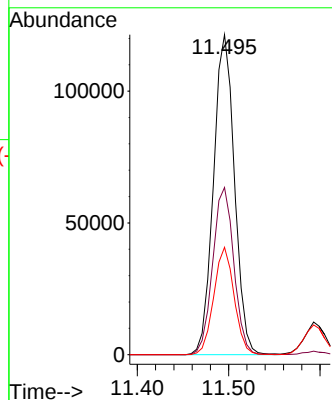
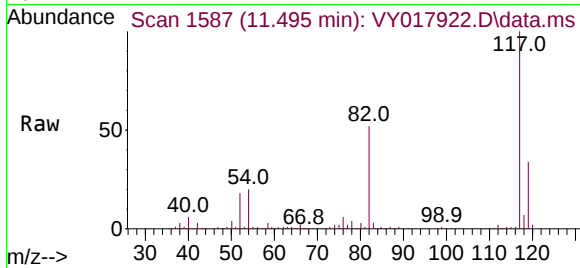




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

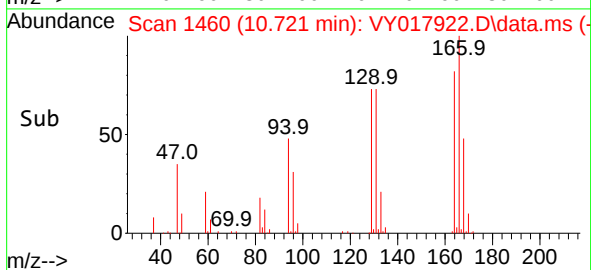
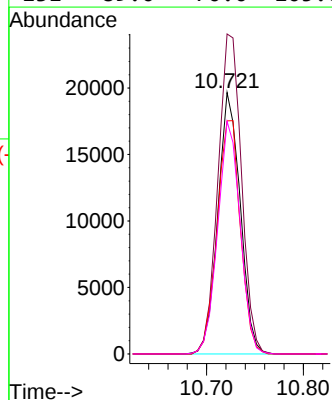
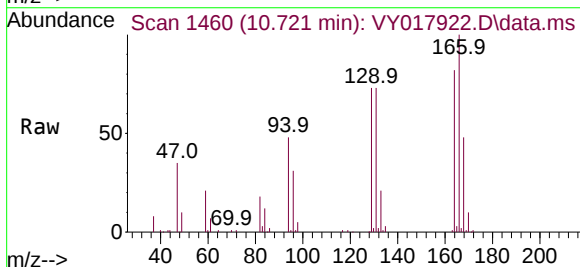
Instrument :
MSVOA_Y
ClientSampleId :

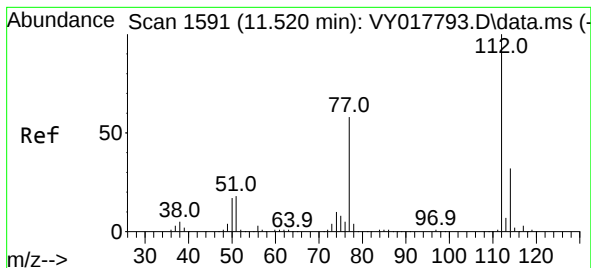
Tgt Ion:117 Resp: 193810
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 33.5 25.9 38.9



#64
Tetrachloroethene
Concen: 18.70 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion:164 Resp: 31610
Ion Ratio Lower Upper
164 100
166 122.4 102.6 154.0
129 89.2 72.0 108.0
131 89.0 70.0 105.0

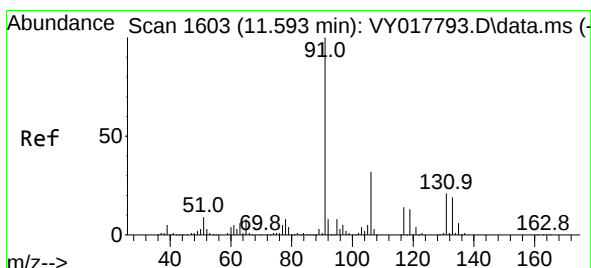
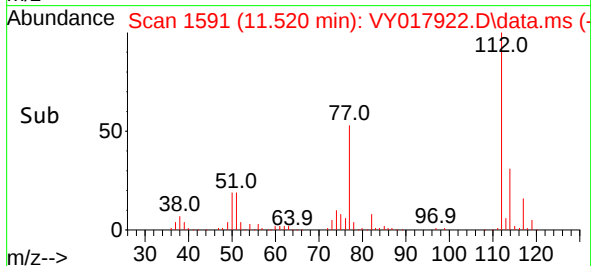
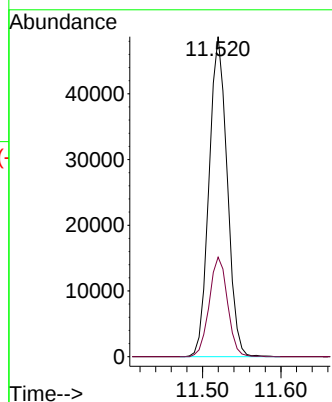
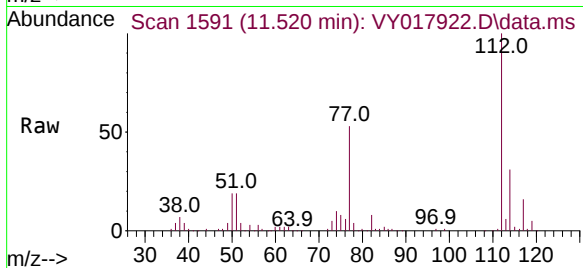




#65
Chlorobenzene
Concen: 19.70 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

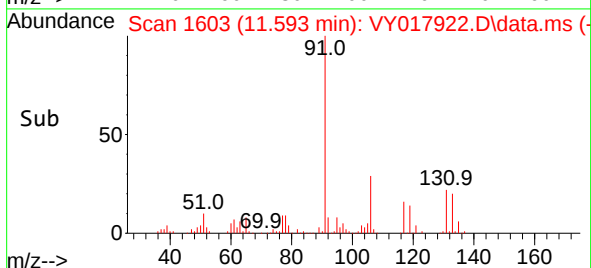
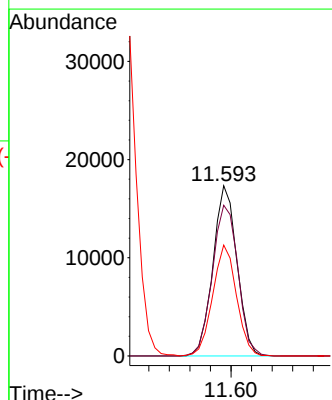
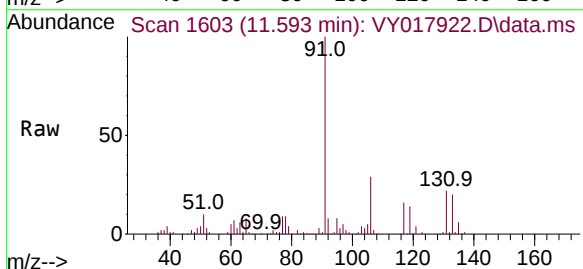
Instrument :
MSVOA_Y
ClientSampleId :

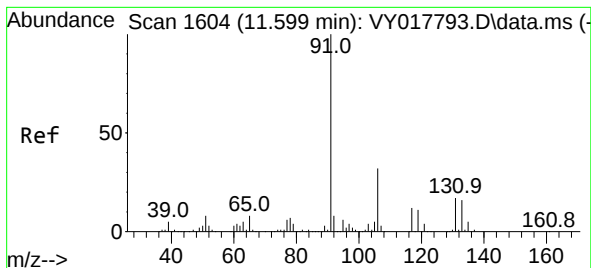
Tgt Ion:112 Resp: 78307
Ion Ratio Lower Upper
112 100
114 31.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.77 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion:131 Resp: 28044
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 64.7 34.1 102.2





#67

Ethyl Benzene

Concen: 18.77 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

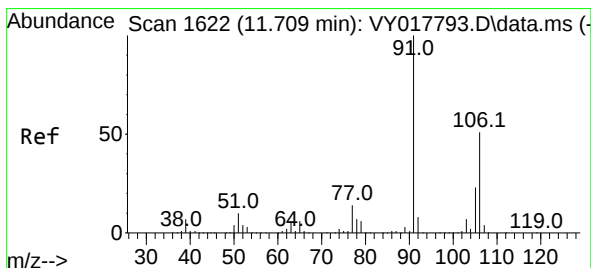
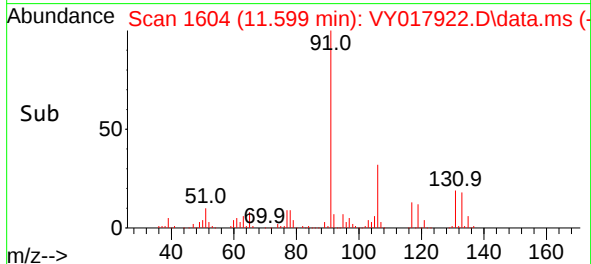
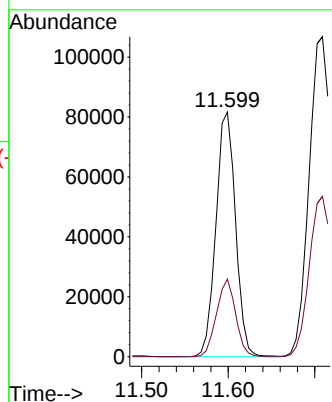
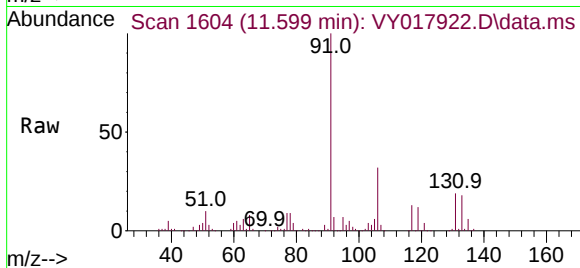
ClientSampleId :

Tgt Ion: 91 Resp: 128287

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 37.85 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017922.D

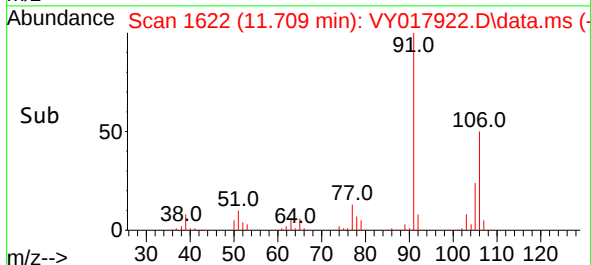
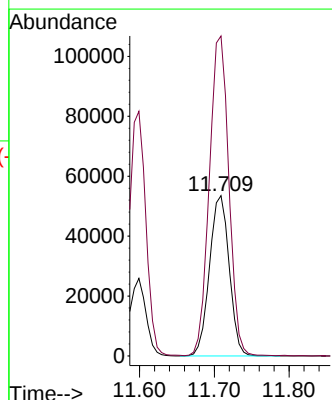
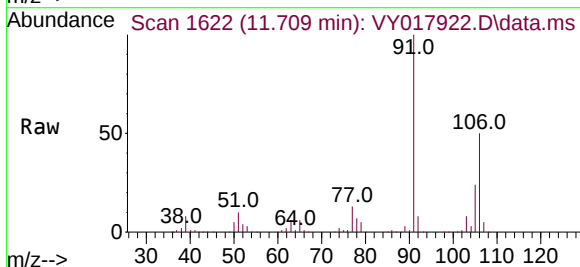
Acq: 12 Apr 2024 13:30

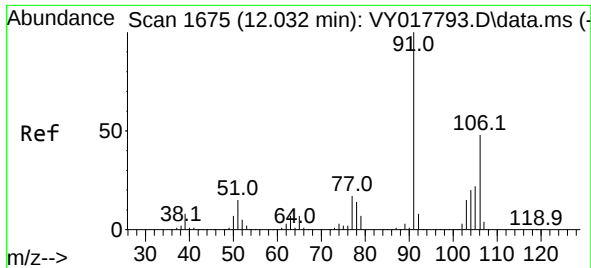
Tgt Ion:106 Resp: 98100

Ion Ratio Lower Upper

106 100

91 197.5 156.0 234.0

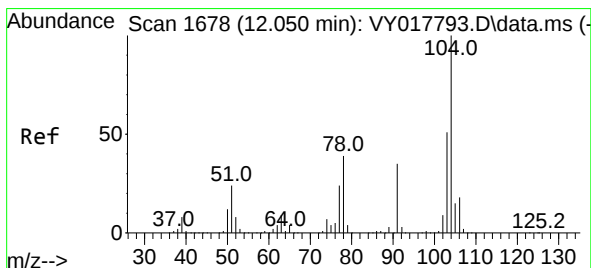
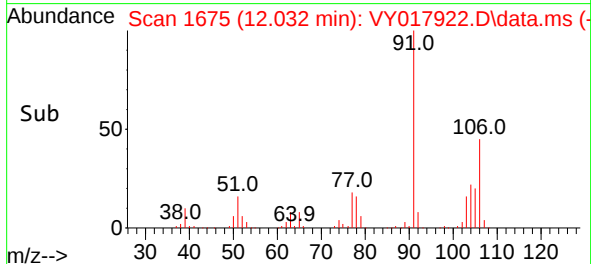
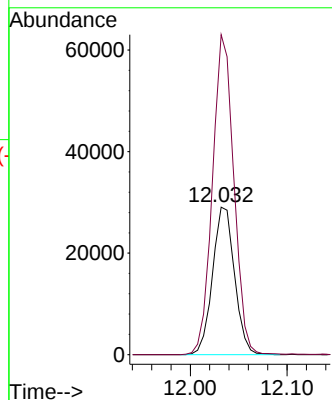
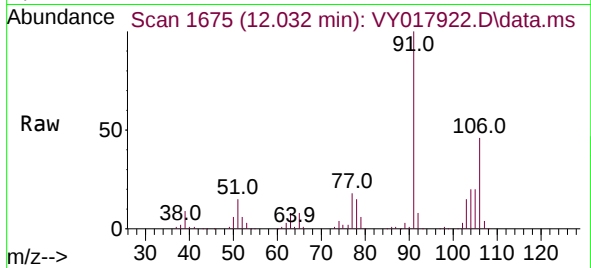




#69
o-Xylene
Concen: 22.86 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

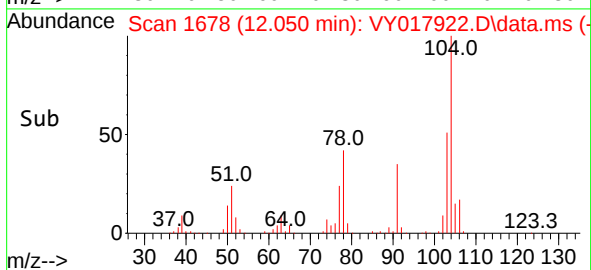
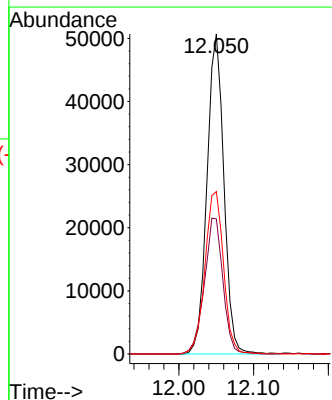
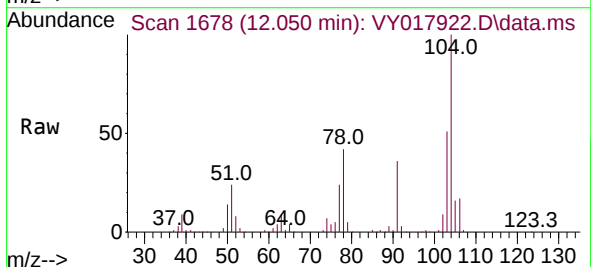
Instrument :
MSVOA_Y
ClientSampleId :

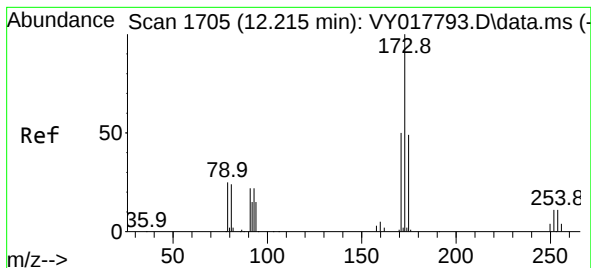
Tgt Ion:106 Resp: 45946
Ion Ratio Lower Upper
106 100
91 210.9 103.6 310.8



#70
Styrene
Concen: 23.23 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion:104 Resp: 79632
Ion Ratio Lower Upper
104 100
78 46.7 37.0 55.4
103 55.9 44.2 66.2





#71

Bromoform

Concen: 20.87 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017922.D

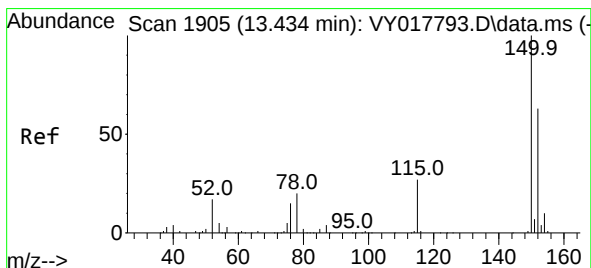
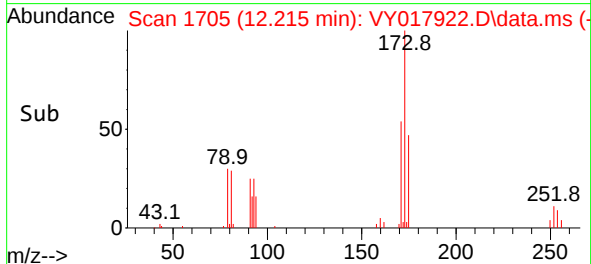
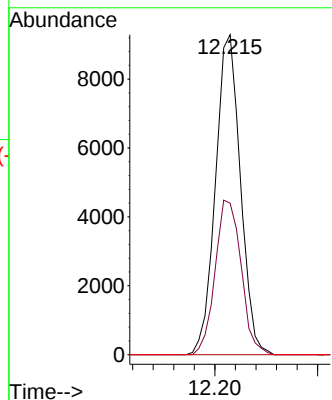
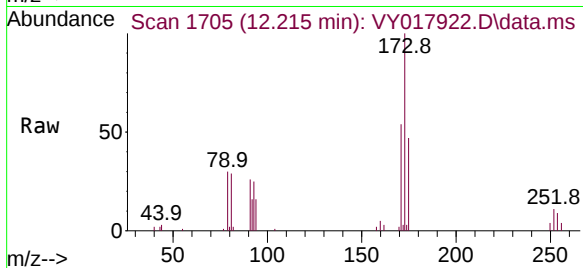
Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	15614
Ion Ratio	Lower	Upper
173	100	
175	50.3	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

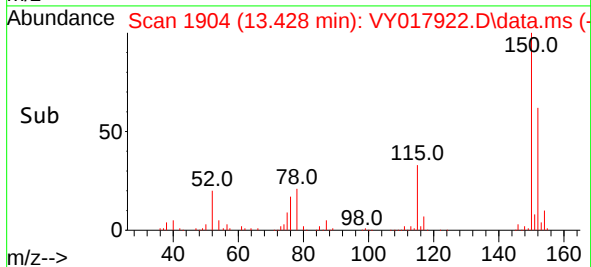
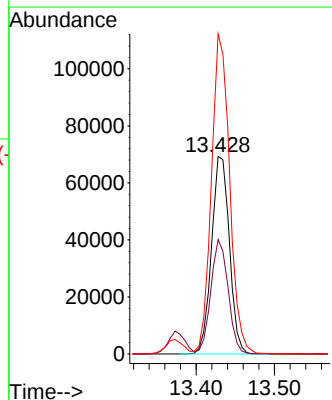
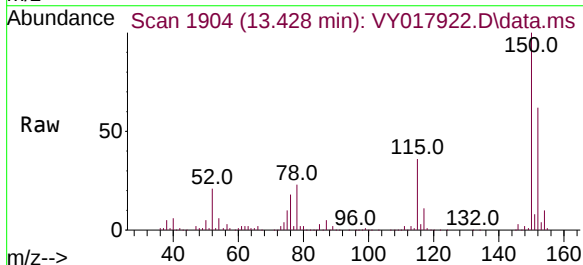
RT: 13.428 min Scan# 1904

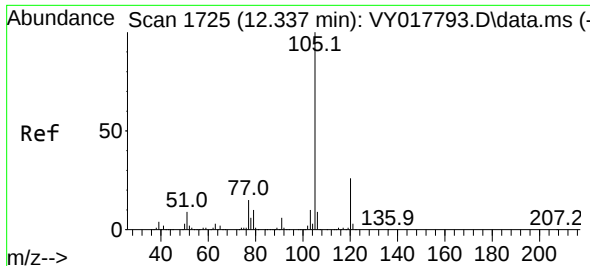
Delta R.T. -0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Tgt Ion:152	Resp:	109578
Ion Ratio	Lower	Upper
152	100	
115	56.2	28.2 84.7
150	165.2	0.0 345.6

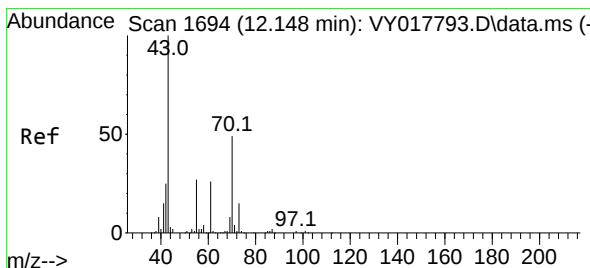
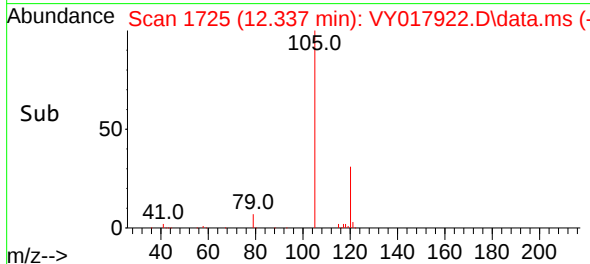
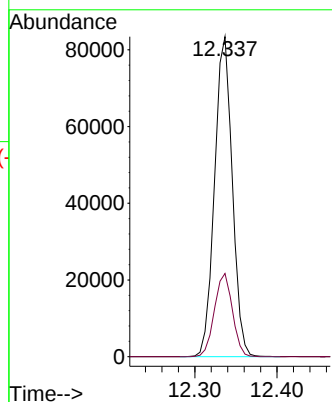
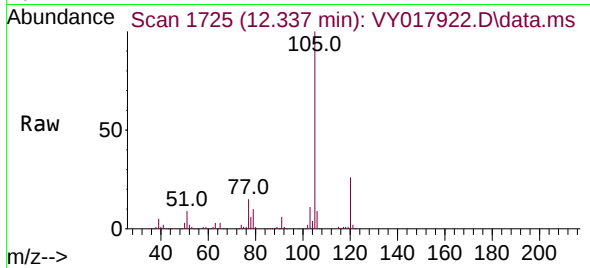




#73
Isopropylbenzene
Concen: 16.26 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

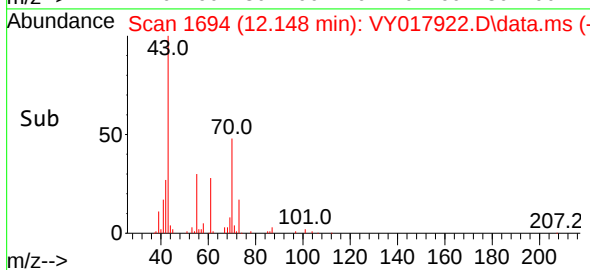
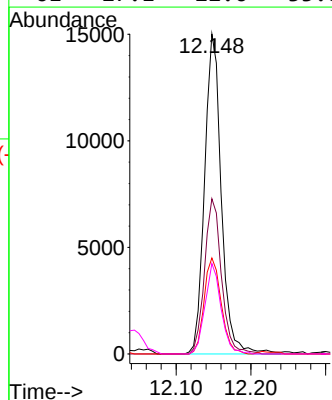
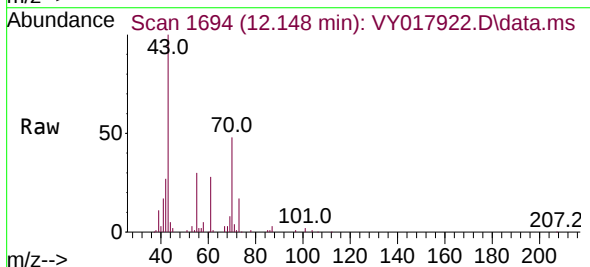
Instrument :
MSVOA_Y
ClientSampleId :

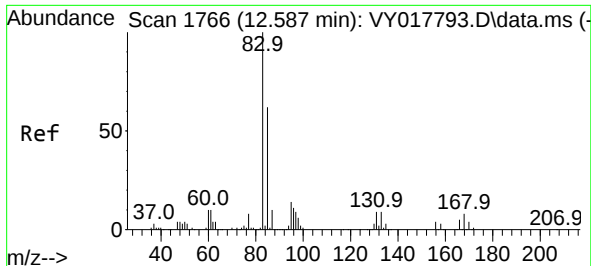
Tgt Ion:105 Resp: 124899
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-ethyl acetate
Concen: 18.00 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 43 Resp: 23372
Ion Ratio Lower Upper
43 100
70 49.1 41.4 62.2
55 30.5 23.3 34.9
61 27.1 22.6 33.8

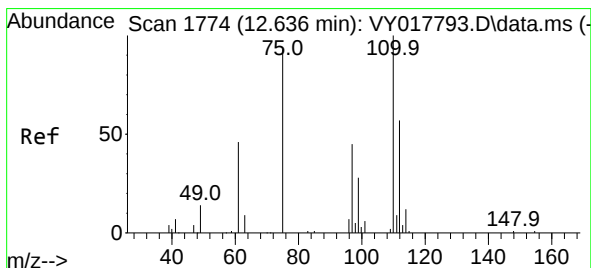
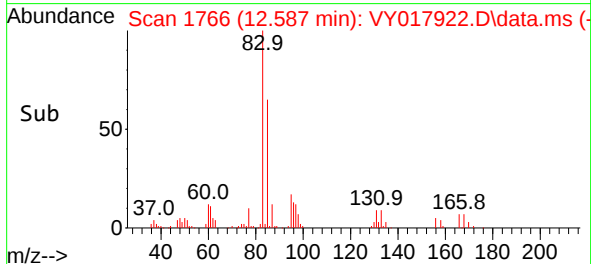
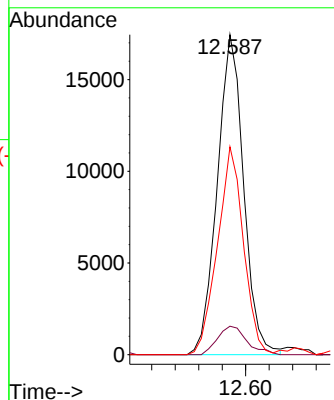
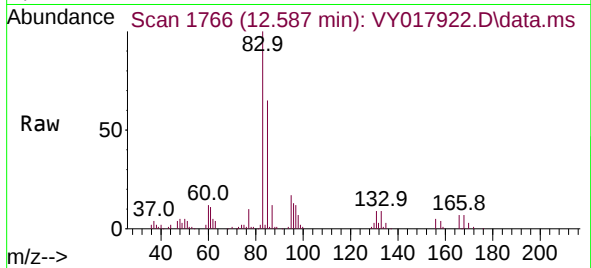




#75
1,1,2,2-Tetrachloroethane
Concen: 20.49 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

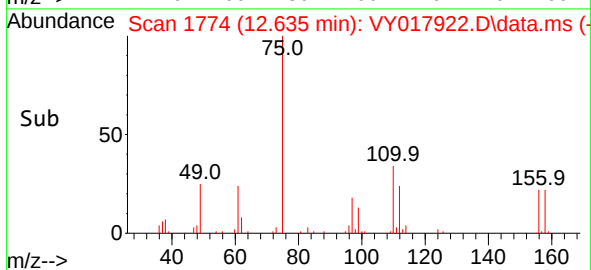
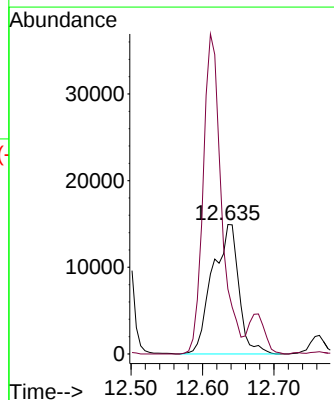
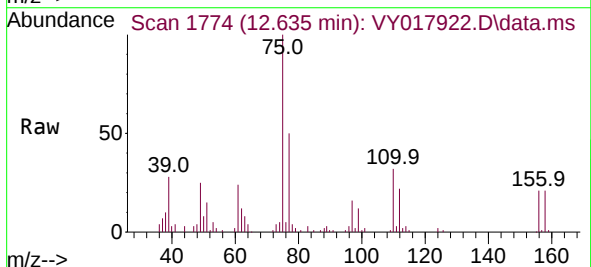
Instrument :
MSVOA_Y
ClientSampleId :

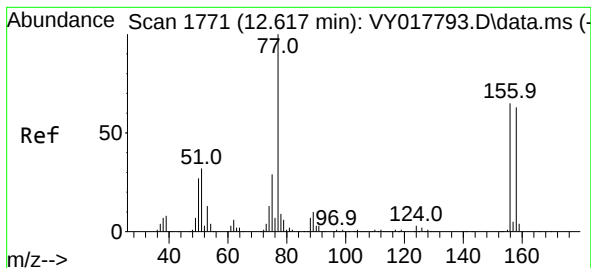
Tgt Ion: 83 Resp: 27218
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 38.35 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 75 Resp: 38291
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.28 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

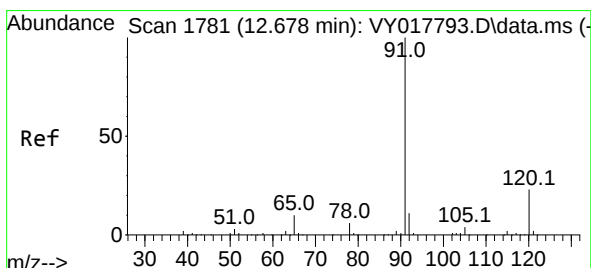
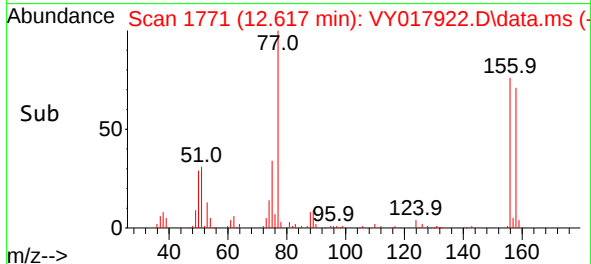
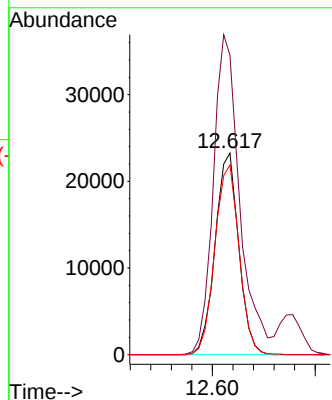
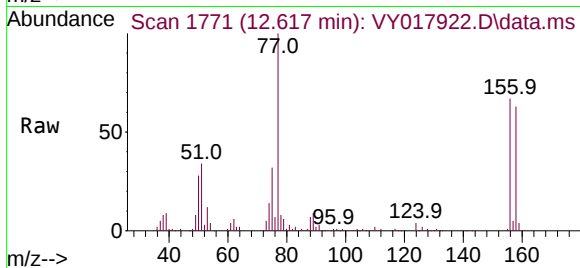
Tgt Ion:156 Resp: 37096

Ion Ratio Lower Upper

156 100

77 176.6 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 19.81 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY017922.D

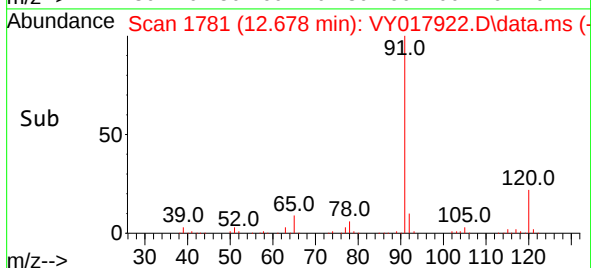
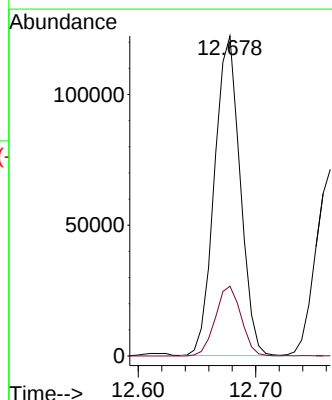
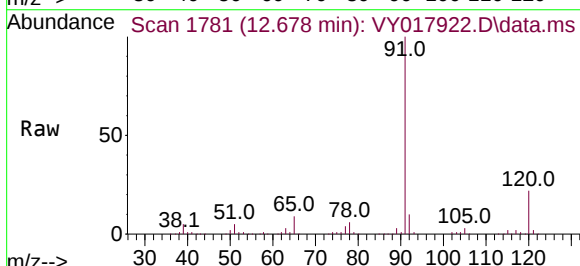
Acq: 12 Apr 2024 13:30

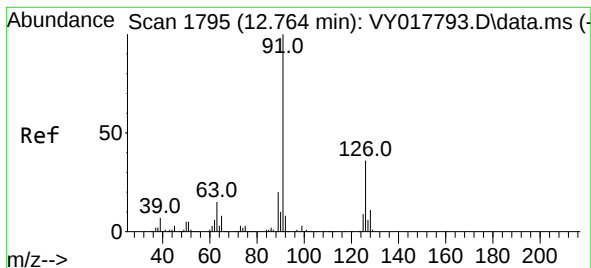
Tgt Ion: 91 Resp: 185613

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.06 ug/l

RT: 12.763 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

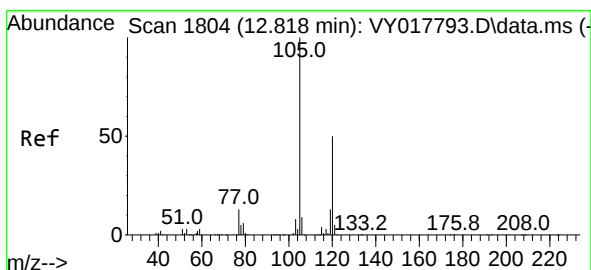
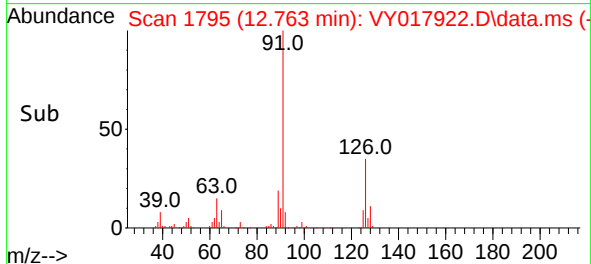
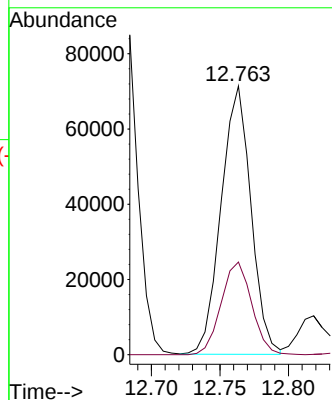
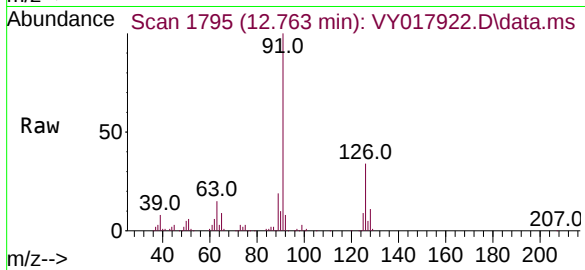
ClientSampleId :

Tgt Ion: 91 Resp: 108104

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.74 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY017922.D

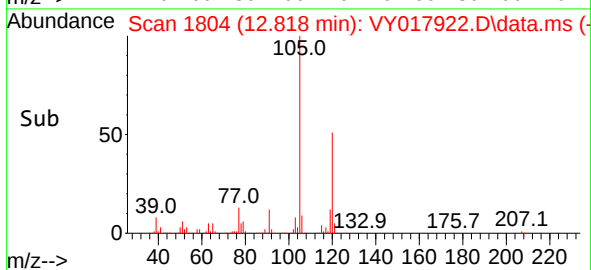
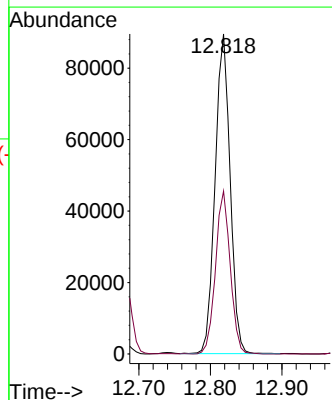
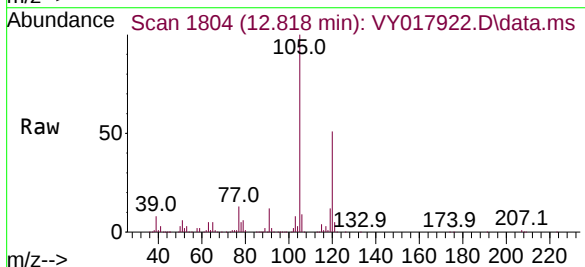
Acq: 12 Apr 2024 13:30

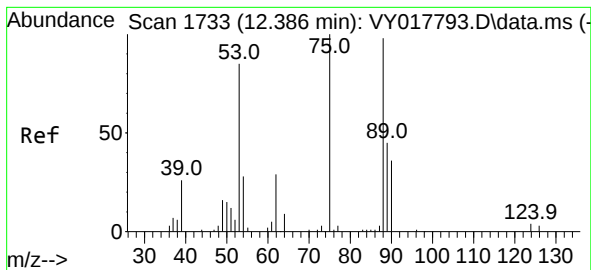
Tgt Ion:105 Resp: 130305

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2

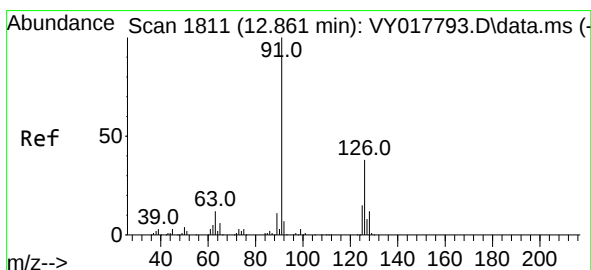
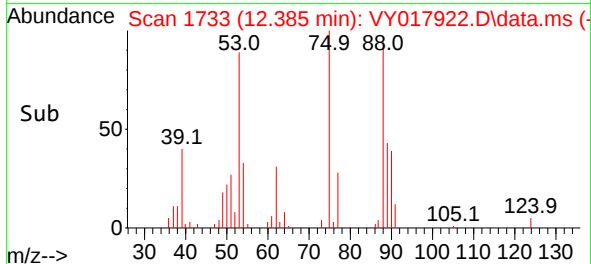
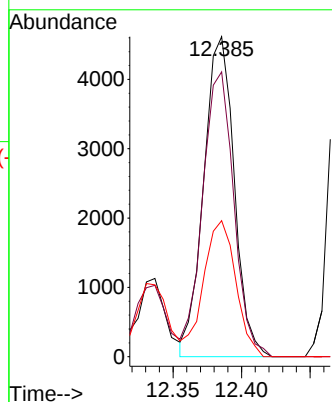
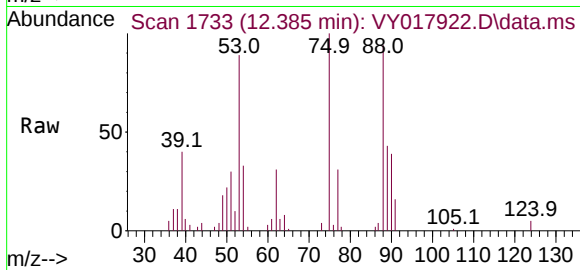




#81
trans-1,4-Dichloro-2-butene
Concen: 18.42 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.001 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

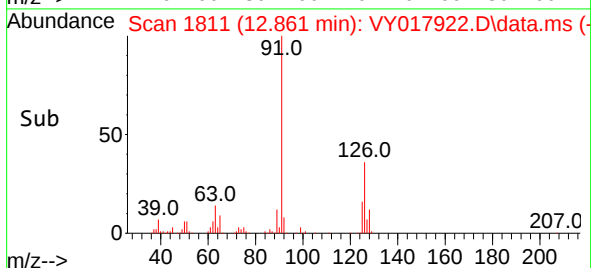
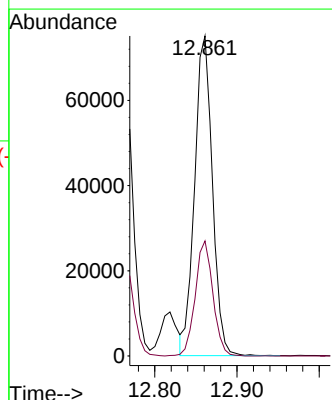
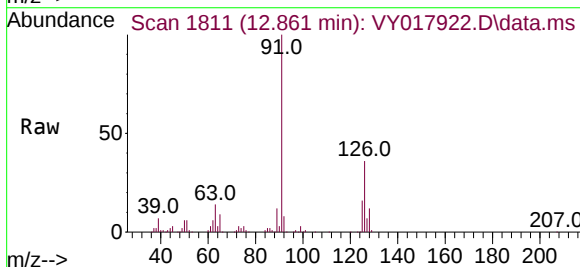
Instrument :
MSVOA_Y
ClientSampleId :

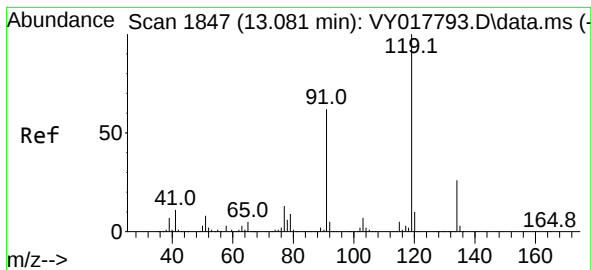
Tgt Ion: 75 Resp: 7140
Ion Ratio Lower Upper
75 100
53 91.2 66.8 100.2
89 45.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.22 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY017922.D
Acq: 12 Apr 2024 13:30

Tgt Ion: 91 Resp: 112767
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.42 ug/l

RT: 13.080 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

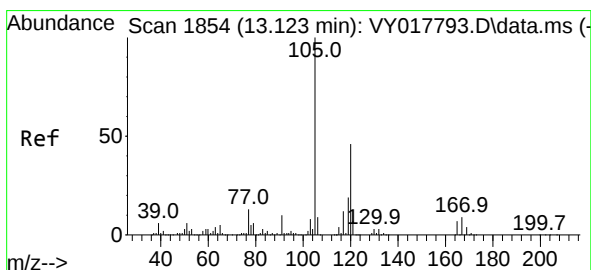
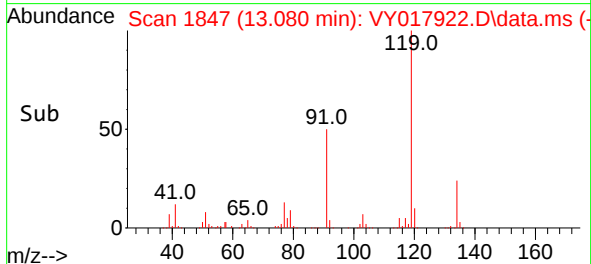
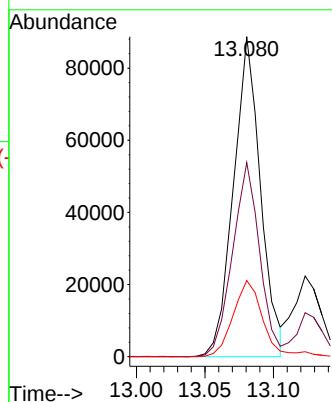
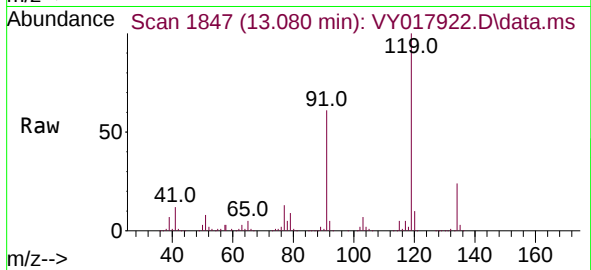
Tgt Ion:119 Resp: 122174

Ion Ratio Lower Upper

119 100

91 60.8 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 27.14 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY017922.D

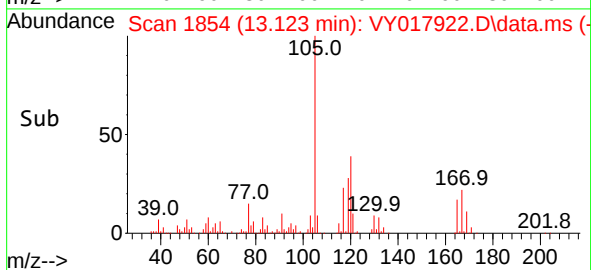
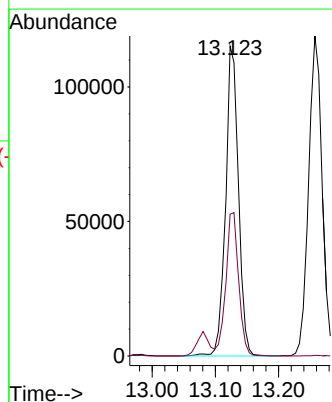
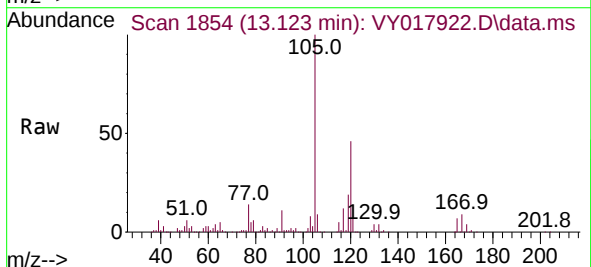
Acq: 12 Apr 2024 13:30

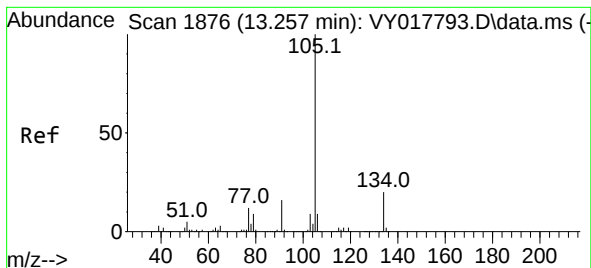
Tgt Ion:105 Resp: 162015

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.35 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

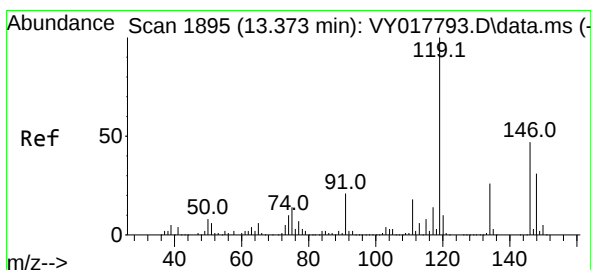
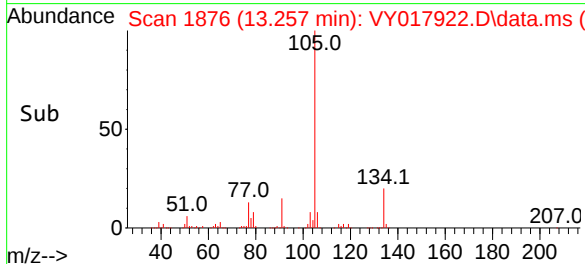
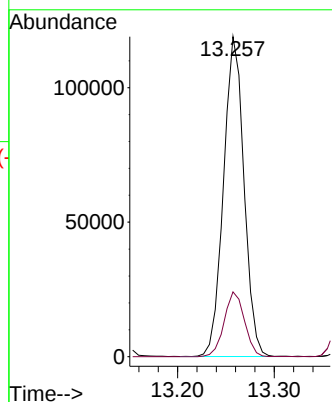
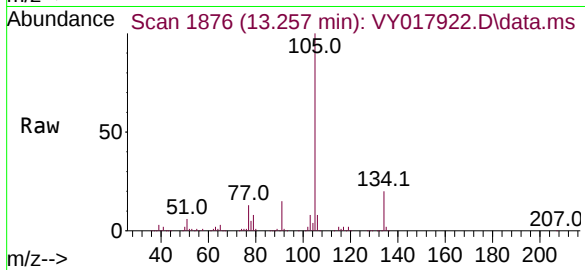
ClientSampleId :

Tgt Ion:105 Resp: 174577

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.59 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

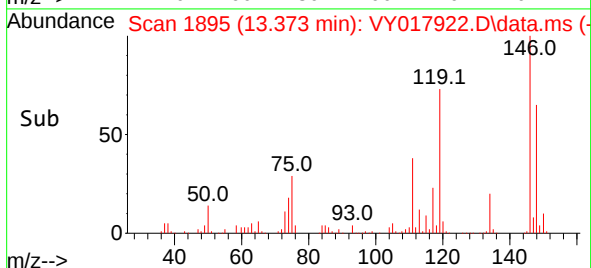
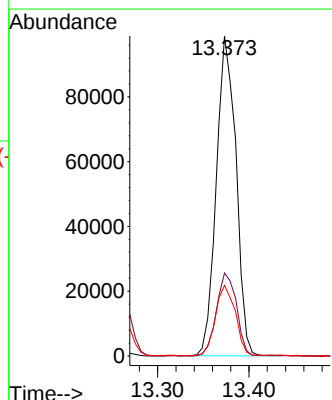
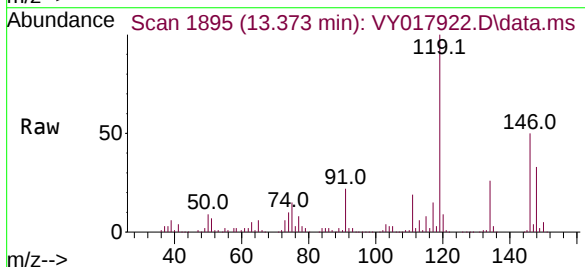
Tgt Ion:119 Resp: 147582

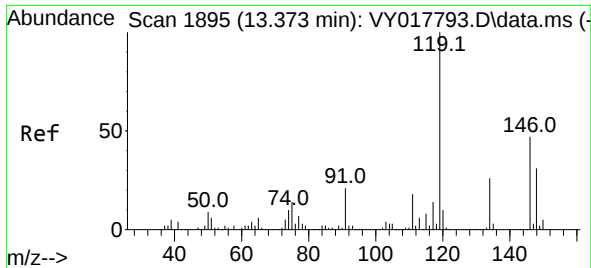
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.69 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

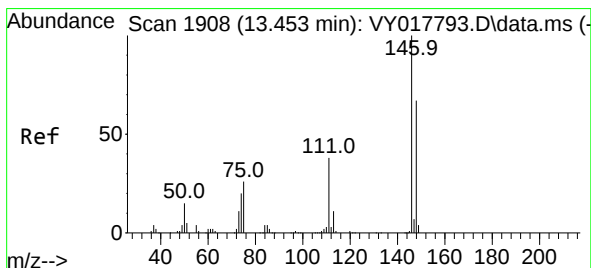
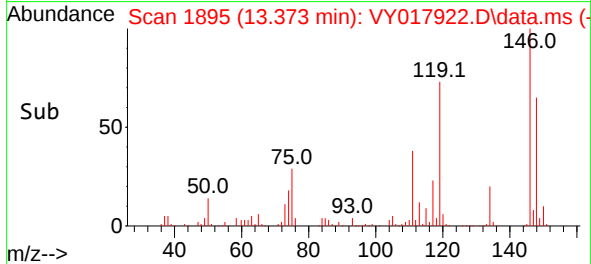
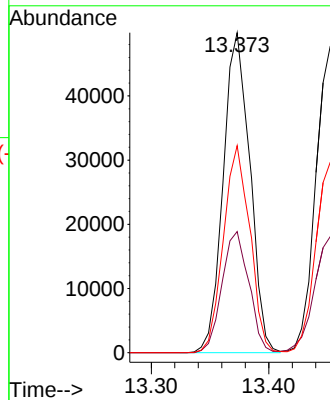
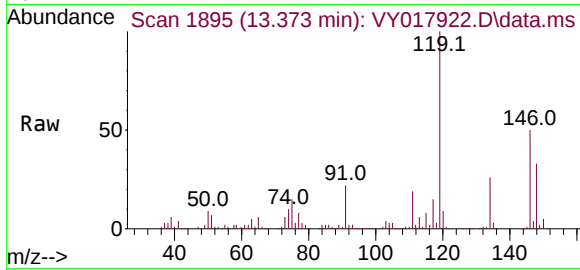
Tgt Ion:146 Resp: 78732

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.18 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

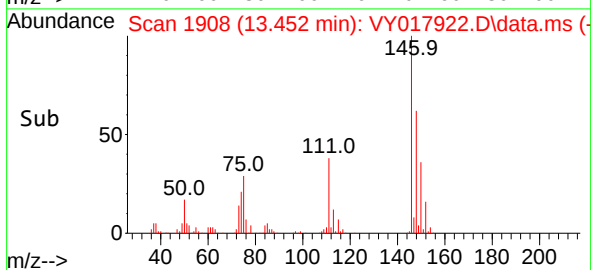
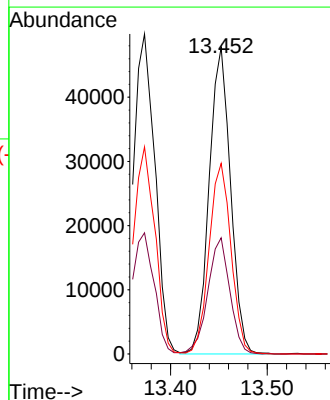
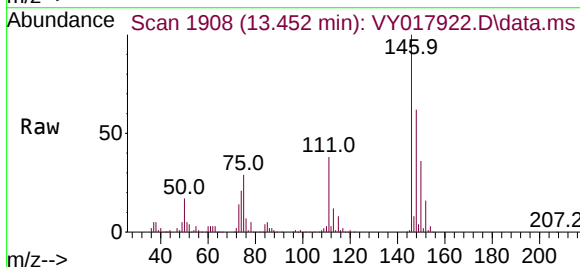
Tgt Ion:146 Resp: 73575

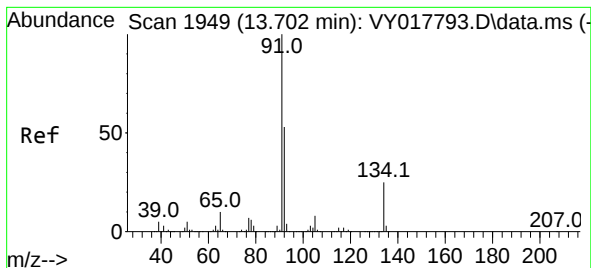
Ion Ratio Lower Upper

146 100

111 39.0 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 27.36 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

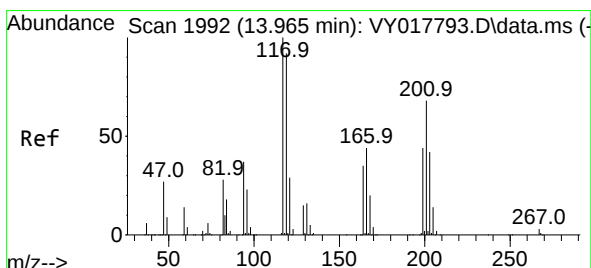
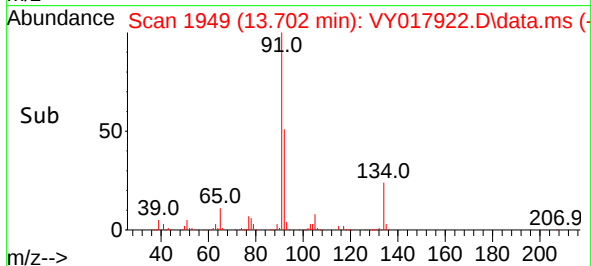
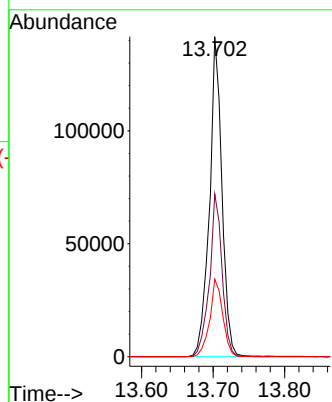
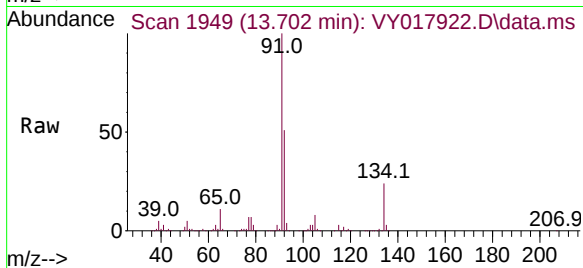
Tgt Ion: 91 Resp: 172053

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.7

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 34.36 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY017922.D

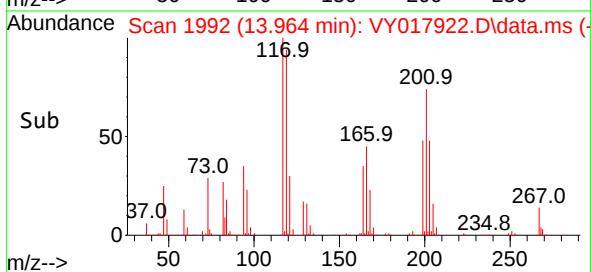
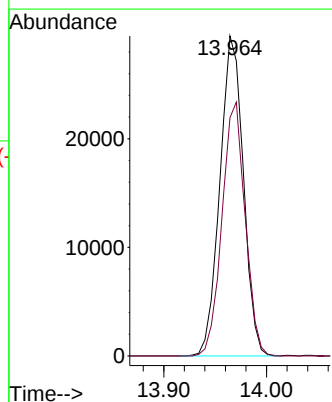
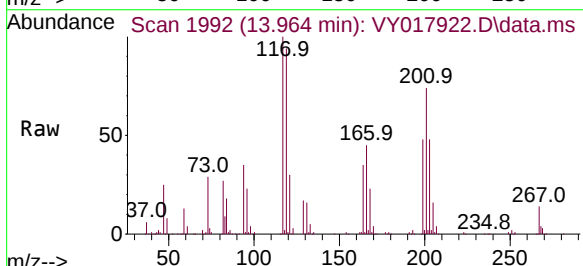
Acq: 12 Apr 2024 13:30

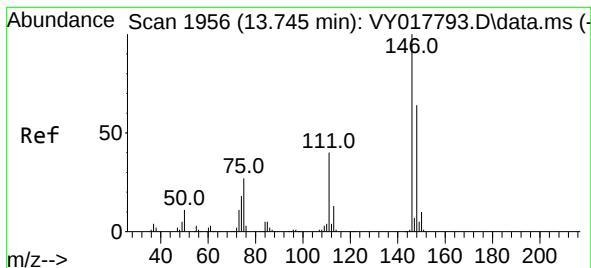
Tgt Ion: 117 Resp: 46699

Ion Ratio Lower Upper

117 100

201 78.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 34.93 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

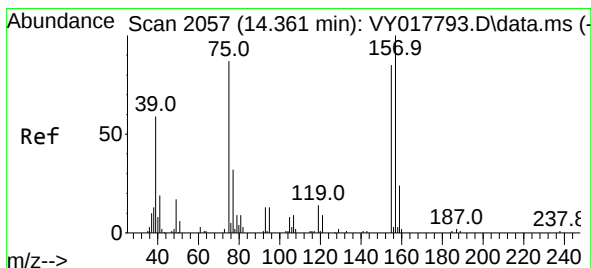
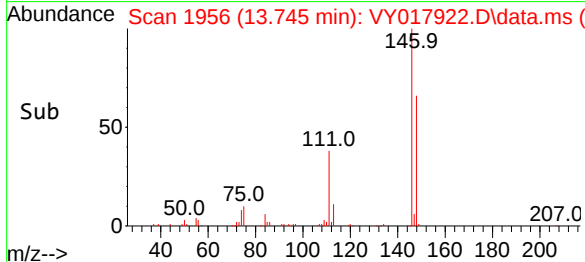
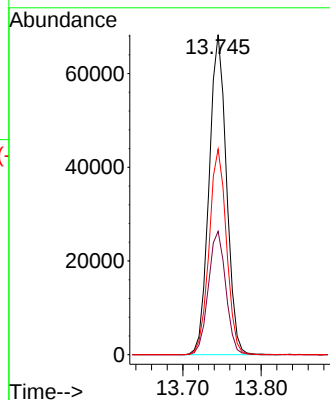
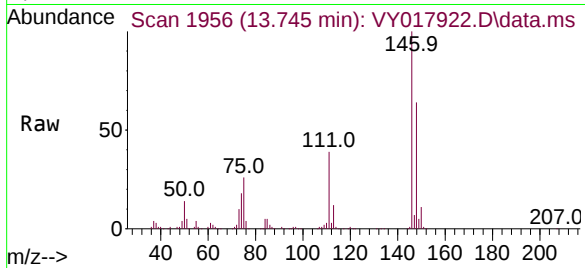
Tgt Ion:146 Resp: 105070

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 32.45 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

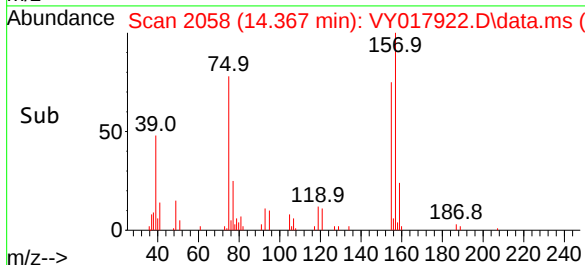
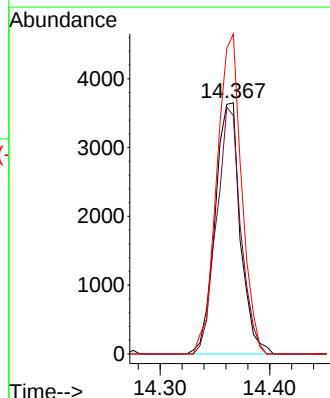
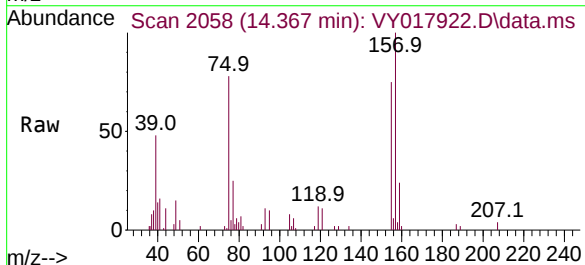
Tgt Ion: 75 Resp: 5825

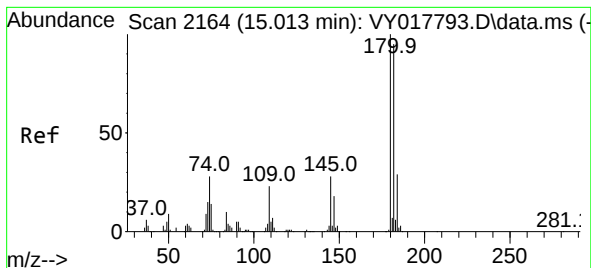
Ion Ratio Lower Upper

75 100

155 94.3 48.6 145.8

157 125.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 34.63 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

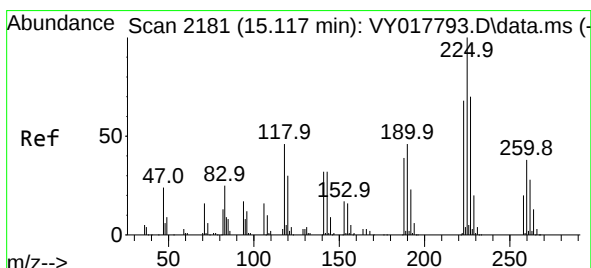
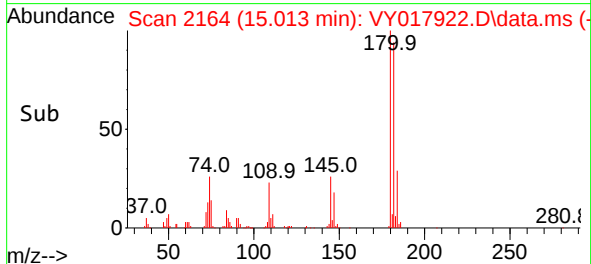
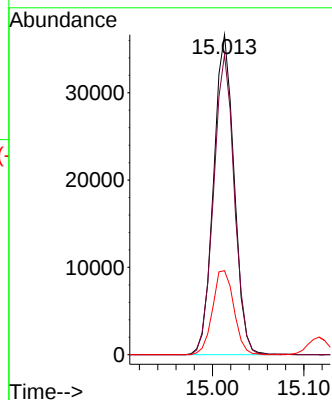
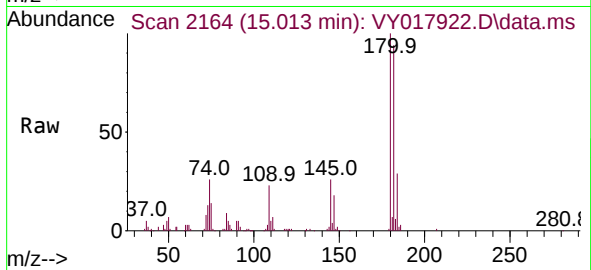
Tgt Ion:180 Resp: 57054

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 27.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 35.83 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

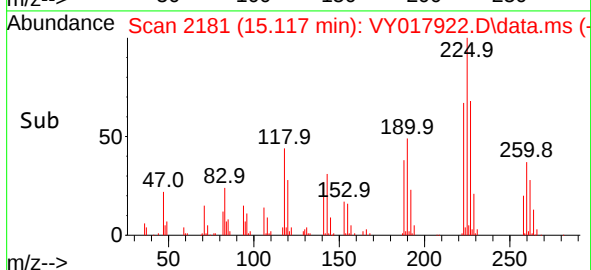
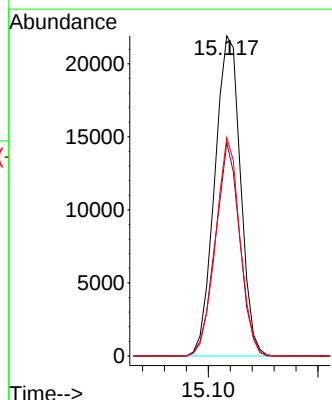
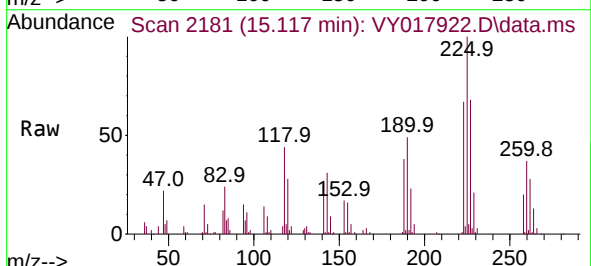
Tgt Ion:225 Resp: 35788

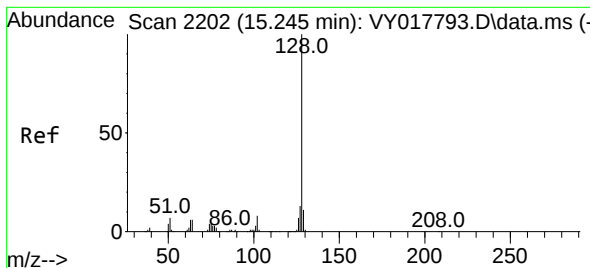
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 33.38 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

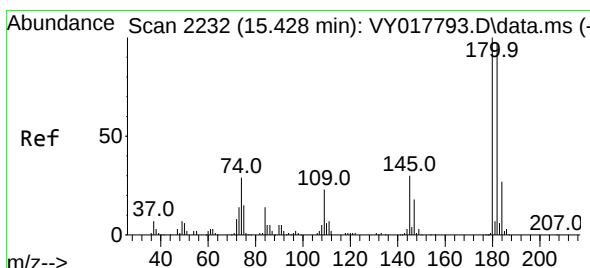
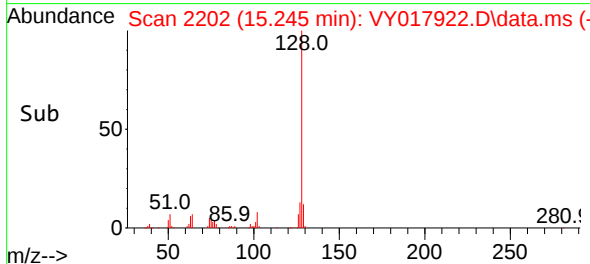
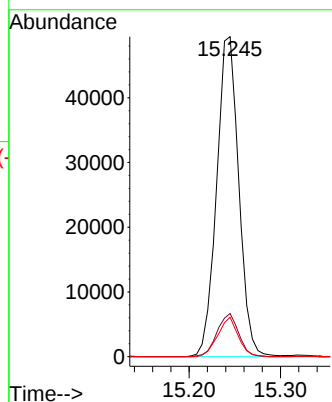
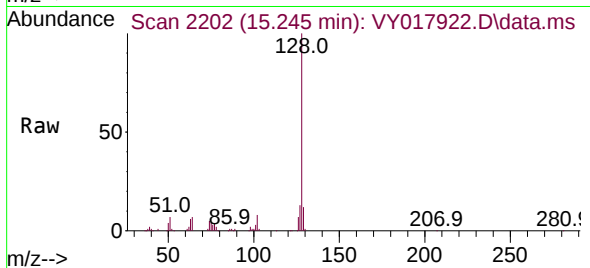
Tgt Ion:128 Resp: 83301

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 24.44 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY017922.D

Acq: 12 Apr 2024 13:30

Tgt Ion:180 Resp: 34012

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 30.2 15.4 46.1

