

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017988.D
 Acq On : 18 Apr 2024 20:00
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 19 02:05:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	403033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	655830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	588911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	282693	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	174500	50.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.06%
35) Dibromofluoromethane	7.728	113	201096	49.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.40%
50) Toluene-d8	10.191	98	770842	50.21	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.42%
62) 4-Bromofluorobenzene	12.489	95	240751	50.63	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.26%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	152552	47.71	ug/l 99
3) Chloromethane	2.113	50	219296	41.39	ug/l 98
4) Vinyl Chloride	2.253	62	246093	41.21	ug/l 100
5) Bromomethane	2.656	94	177357	44.62	ug/l 99
6) Chloroethane	2.796	64	160825	42.66	ug/l 97
7) Trichlorofluoromethane	3.131	101	304615	45.26	ug/l 95
8) Diethyl Ether	3.534	74	116172	54.63	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.905	101	194999	46.53	ug/l 97
10) Methyl Iodide	4.101	142	295834	53.06	ug/l 98
11) Tert butyl alcohol	4.966	59	65617	263.84	ug/l # 82
12) 1,1-Dichloroethene	3.881	96	203544	50.03	ug/l 99
13) Acrolein	3.735	56	95683	352.26	ug/l 100
14) Allyl chloride	4.485	41	274901	52.21	ug/l 93
15) Acrylonitrile	5.167	53	243406	281.90	ug/l 99
16) Acetone	3.954	43	156117	226.54	ug/l 95
17) Carbon Disulfide	4.204	76	633208	48.92	ug/l 98
18) Methyl Acetate	4.485	43	94187	51.95	ug/l 98
19) Methyl tert-butyl Ether	5.228	73	489035	55.15	ug/l 99
20) Methylene Chloride	4.722	84	243562	52.17	ug/l 97
21) trans-1,2-Dichloroethene	5.228	96	230229	51.66	ug/l 96
22) Diisopropyl ether	6.125	45	630611	54.63	ug/l 98
23) Vinyl Acetate	6.064	43	1908566	278.85	ug/l 98
24) 1,1-Dichloroethane	6.027	63	396732	52.64	ug/l 99
25) 2-Butanone	6.996	43	272752	269.27	ug/l 94
26) 2,2-Dichloropropane	6.990	77	288626	47.74	ug/l 97
27) cis-1,2-Dichloroethene	6.990	96	273768	53.78	ug/l 99
28) Bromochloromethane	7.344	49	158578	53.49	ug/l 99
29) Tetrahydrofuran	7.356	42	186586	290.27	ug/l 96
30) Chloroform	7.515	83	401220	52.09	ug/l 99
31) Cyclohexane	7.795	56	296320	44.45	ug/l 100
32) 1,1,1-Trichloroethane	7.710	97	324489	50.58	ug/l 98
36) 1,1-Dichloropropene	7.923	75	279221	47.45	ug/l 99
37) Ethyl Acetate	7.082	43	132816	54.86	ug/l 98
38) Carbon Tetrachloride	7.911	117	286977	48.27	ug/l 99
39) Methylcyclohexane	9.191	83	342852	44.71	ug/l 96
40) Benzene	8.167	78	939248	50.96	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	71667	46.92	ug/l	92
42) 1,2-Dichloroethane	8.246	62	212961	50.43	ug/l	98
43) Isopropyl Acetate	8.283	43	242903	53.83	ug/l	98
44) Trichloroethene	8.947	130	238402	50.90	ug/l	99
45) 1,2-Dichloropropane	9.228	63	217837	51.34	ug/l	97
46) Dibromomethane	9.313	93	122681	52.28	ug/l	97
47) Bromodichloromethane	9.502	83	303789	51.60	ug/l	99
48) Methyl methacrylate	9.301	41	109542	52.97	ug/l	96
49) 1,4-Dioxane	9.307	88	28709	1071.58	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	670948	280.46	ug/l	99
52) Toluene	10.252	92	582275	51.48	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	280440	52.17	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	341748	51.75	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	170348	53.40	ug/l	97
56) Ethyl methacrylate	10.514	69	234050	56.28	ug/l	97
57) 1,3-Dichloropropane	10.801	76	286790	53.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	533783	246.91	ug/l	99
59) 2-Hexanone	10.837	43	457952	280.43	ug/l	100
60) Dibromochloromethane	10.996	129	218292	53.24	ug/l	100
61) 1,2-Dibromoethane	11.099	107	158743	53.39	ug/l	100
64) Tetrachloroethene	10.727	164	210119	49.81	ug/l	98
65) Chlorobenzene	11.526	112	652374	50.54	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	218816	51.41	ug/l	99
67) Ethyl Benzene	11.599	91	1087225	50.03	ug/l	99
68) m/p-Xylenes	11.709	106	833396	99.84	ug/l	100
69) o-Xylene	12.038	106	395217	50.70	ug/l	100
70) Styrene	12.050	104	694213	52.69	ug/l	99
71) Bromoform	12.215	173	131683	53.55	ug/l #	97
73) Isopropylbenzene	12.337	105	993230	48.22	ug/l	99
74) N-amyl acetate	12.148	43	223488	53.75	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	193849	50.46	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	236271	89.07	ug/l #	100
77) Bromobenzene	12.617	156	252147	50.58	ug/l	98
78) n-propylbenzene	12.678	91	1194002	47.77	ug/l	99
79) 2-Chlorotoluene	12.764	91	674952	48.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	792508	48.52	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	64501	50.13	ug/l	98
82) 4-Chlorotoluene	12.861	91	688088	47.49	ug/l	97
83) tert-Butylbenzene	13.081	119	711705	47.71	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	798611	49.10	ug/l	98
85) sec-Butylbenzene	13.257	105	1041779	46.49	ug/l	98
86) p-Isopropyltoluene	13.379	119	873112	47.42	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	478002	48.33	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	468998	48.30	ug/l	99
89) n-Butylbenzene	13.702	91	793608	45.82	ug/l	99
90) Hexachloroethane	13.971	117	178108	47.17	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	427560	50.11	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25927	52.47	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	250472	50.41	ug/l	99
94) Hexachlorobutadiene	15.117	225	140287	47.59	ug/l	99
95) Naphthalene	15.245	128	463664	56.62	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	217532	52.17	ug/l	99

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VSTDCCC050EC

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QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

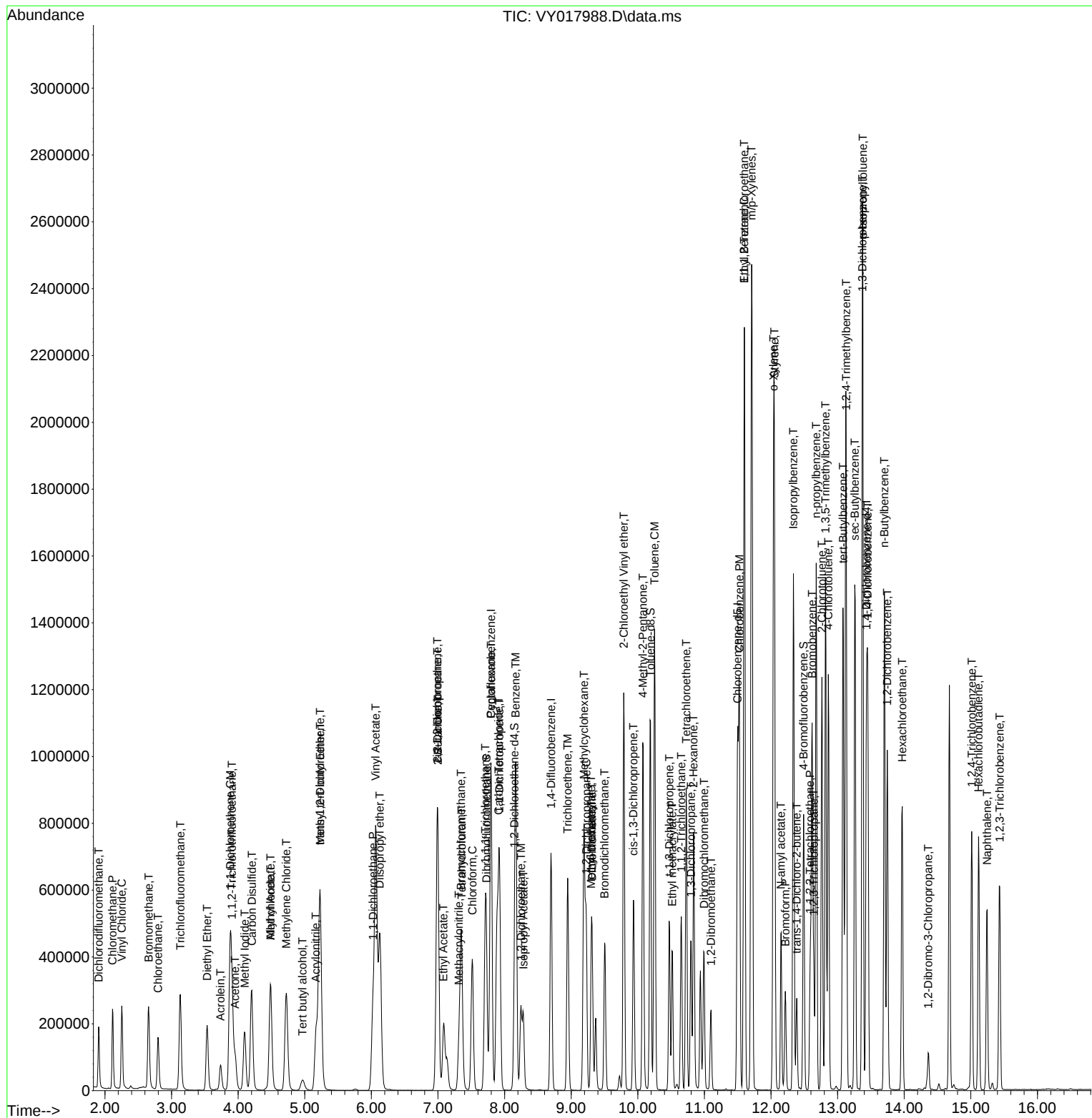
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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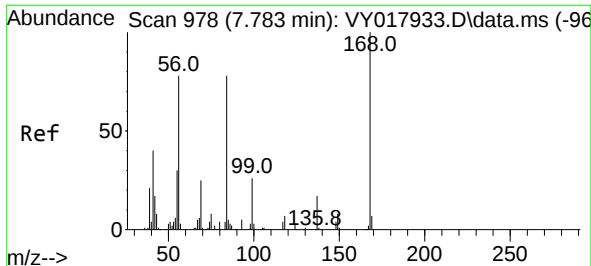
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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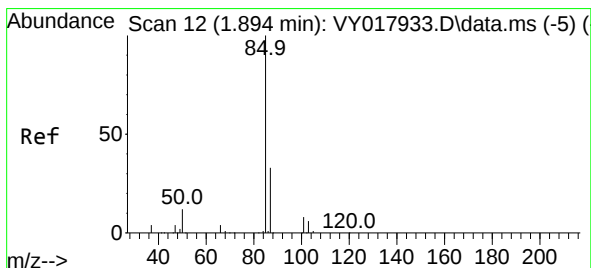
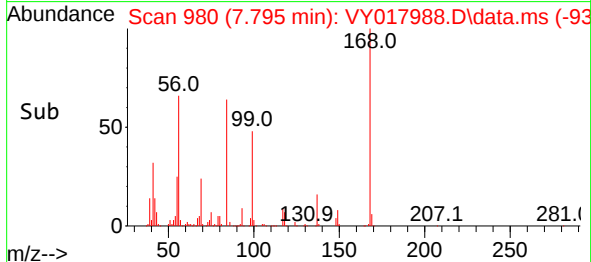
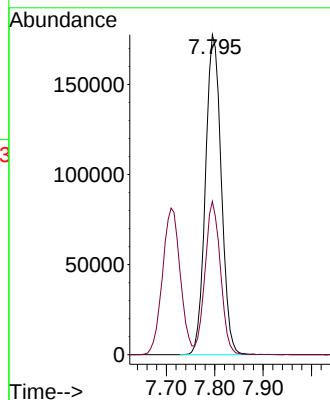
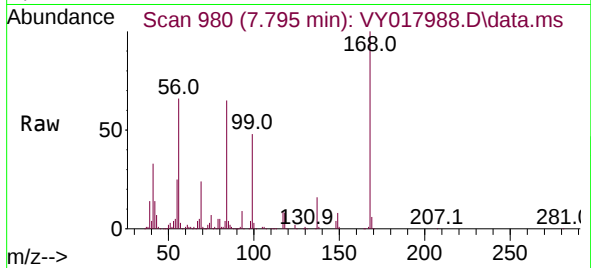




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017988.D
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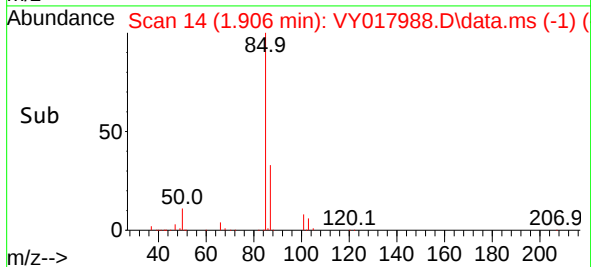
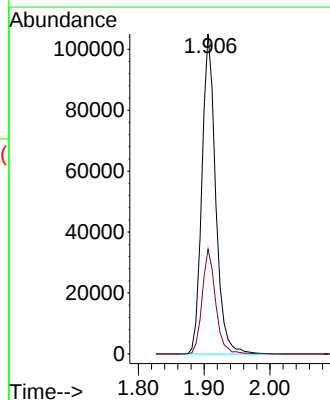
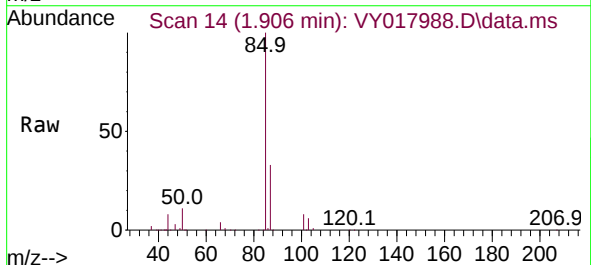
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

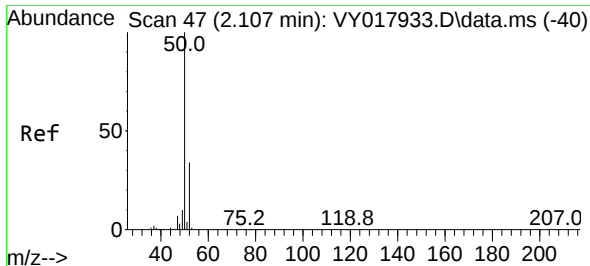
Tgt Ion:168 Resp: 403033
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.71 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 85 Resp: 152552
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

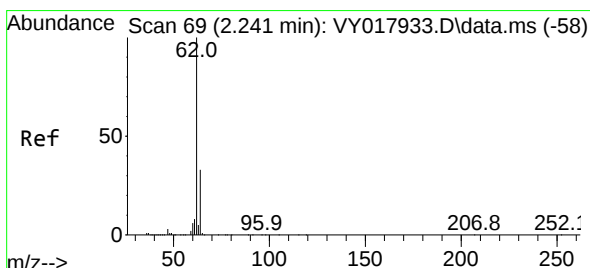
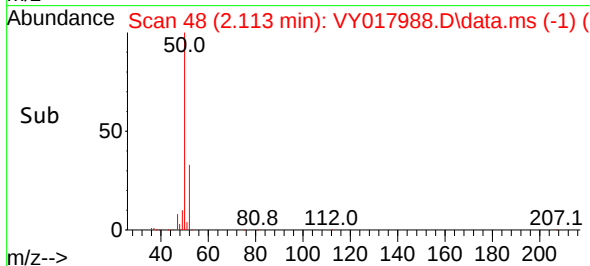
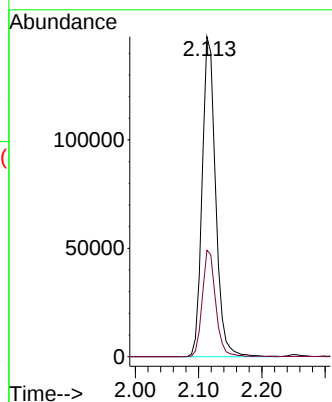
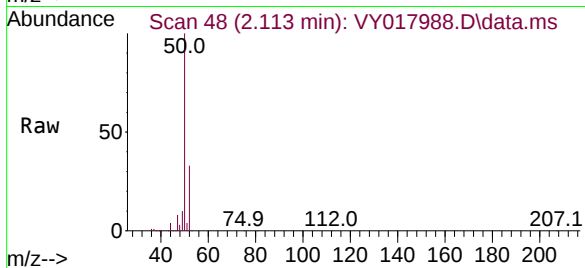




#3
Chloromethane
Concen: 41.39 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

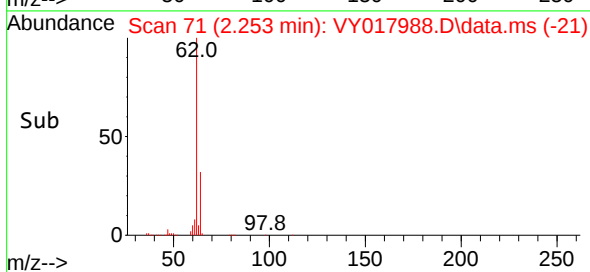
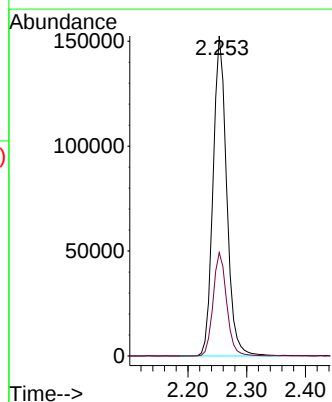
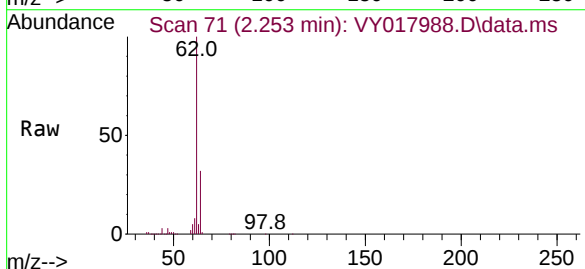
Instrument :
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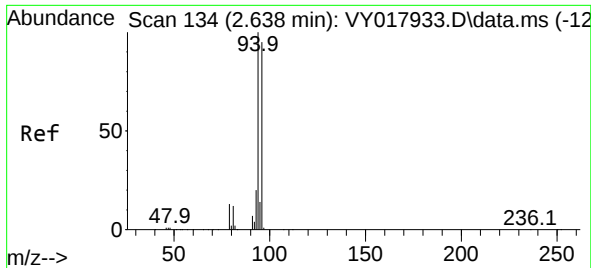
Tgt Ion: 50 Resp: 219296
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 41.21 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 62 Resp: 246093
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1

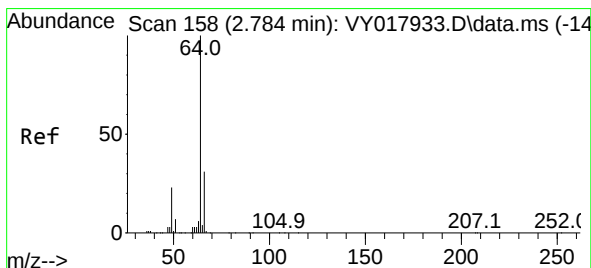
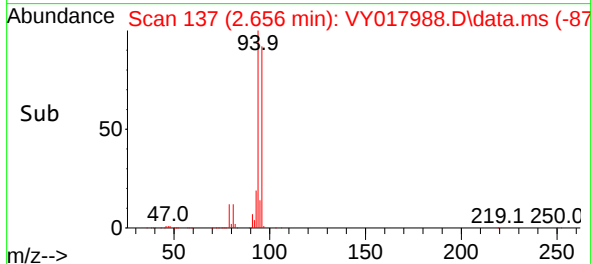
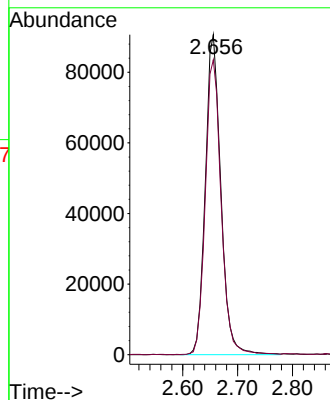
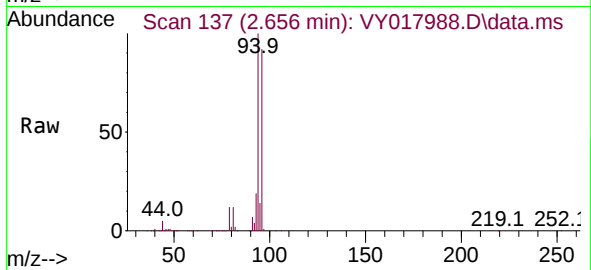




#5
Bromomethane
Concen: 44.62 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

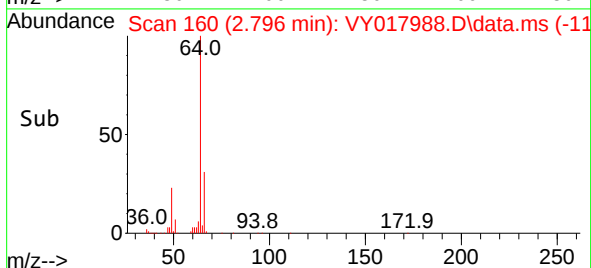
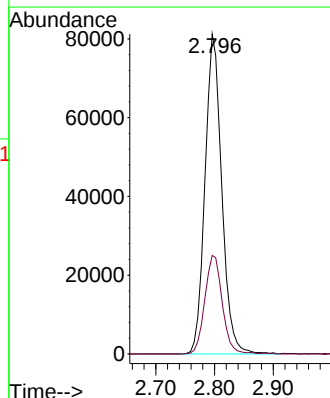
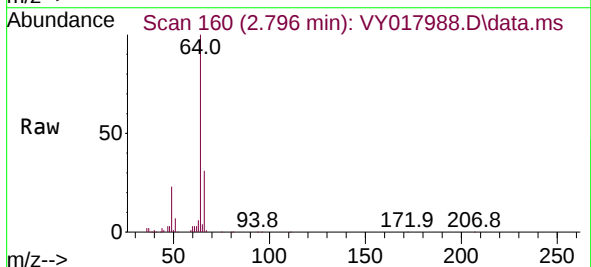
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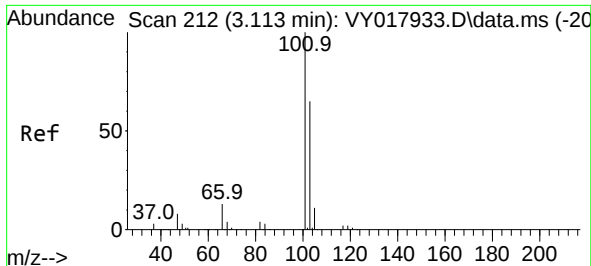
Tgt Ion: 94 Resp: 177357
Ion Ratio Lower Upper
94 100
96 92.1 74.1 111.1



#6
Chloroethane
Concen: 42.66 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 64 Resp: 160825
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1

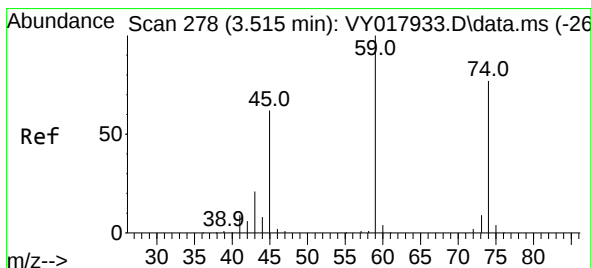
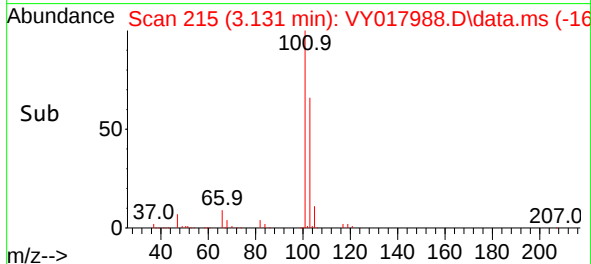
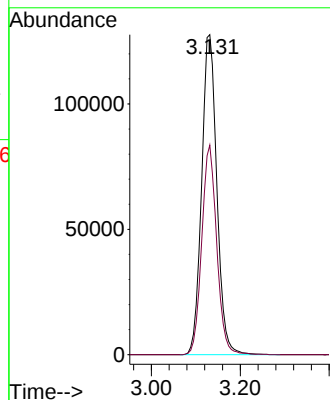
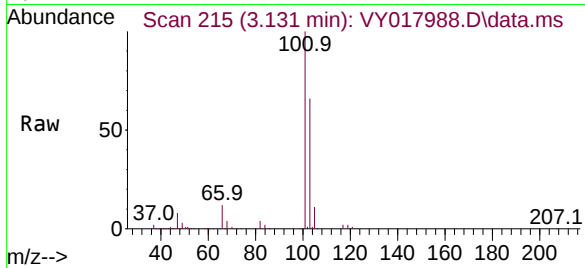




#7
 Trichlorofluoromethane
 Concen: 45.26 ug/l
 RT: 3.131 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017988.D
 Acq: 18 Apr 2024 20:00

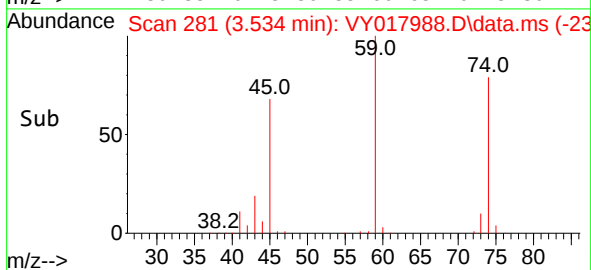
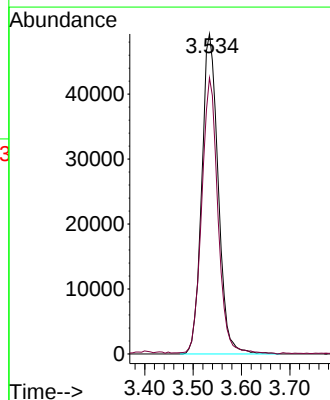
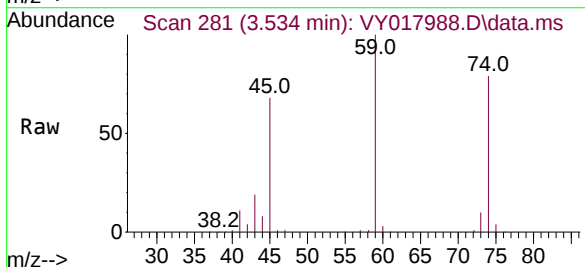
Instrument :
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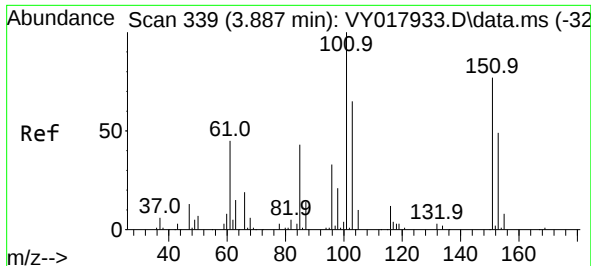
Tgt Ion:101 Resp: 304615
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 54.63 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY017988.D
 Acq: 18 Apr 2024 20:00

Tgt Ion: 74 Resp: 116172
 Ion Ratio Lower Upper
 74 100
 45 85.8 41.3 124.1

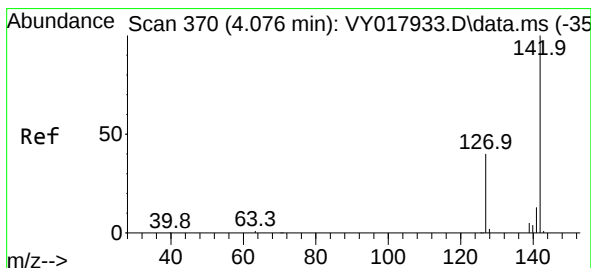
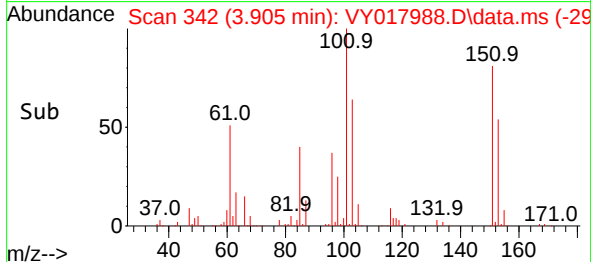
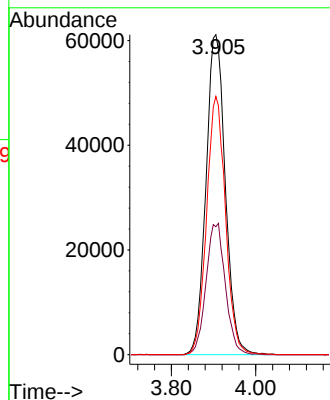
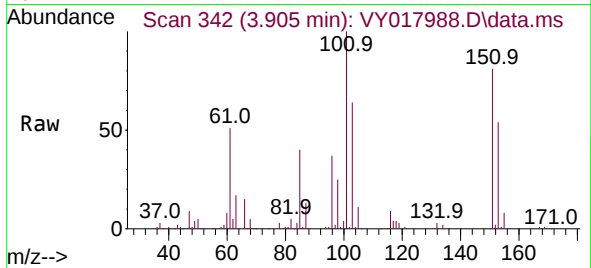




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.53 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

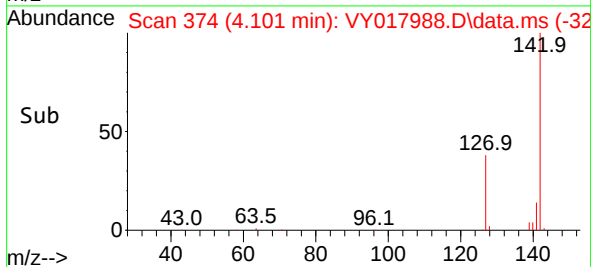
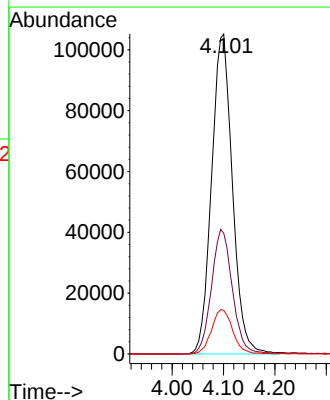
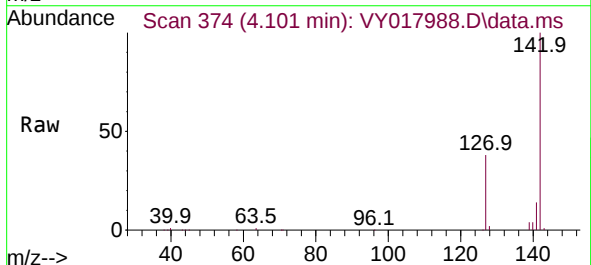
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

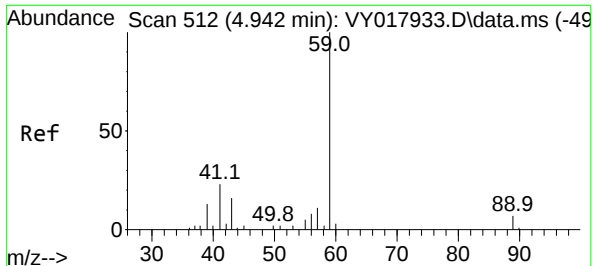
Tgt Ion:101 Resp: 194999
Ion Ratio Lower Upper
101 100
85 41.2 34.5 51.7
151 79.0 61.7 92.5



#10
Methyl Iodide
Concen: 53.06 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion:142 Resp: 295834
Ion Ratio Lower Upper
142 100
127 39.0 32.8 49.2
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 263.84 ug/l

RT: 4.966 min Scan# 512

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

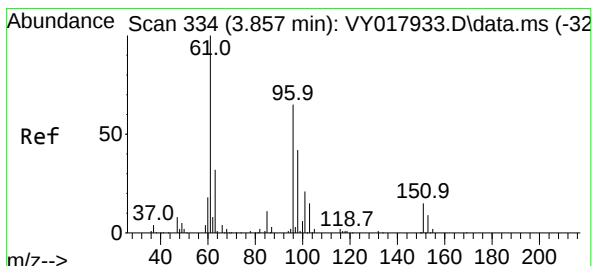
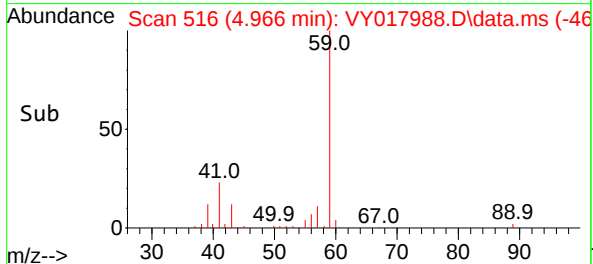
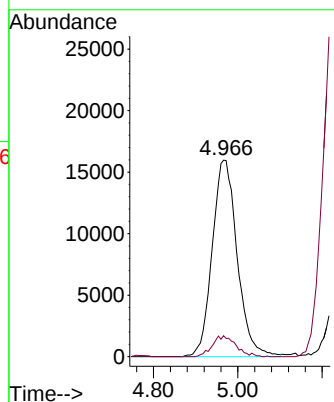
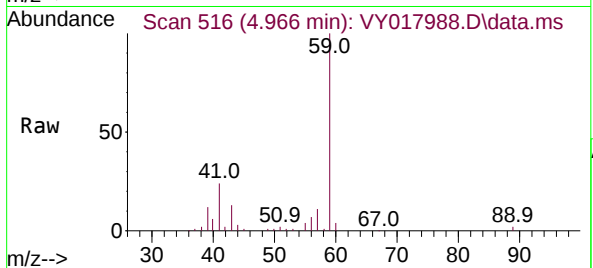
VSTDCCC050EC

Tgt Ion: 59 Resp: 65617

Ion Ratio Lower Upper

59 100

57 9.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 50.03 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

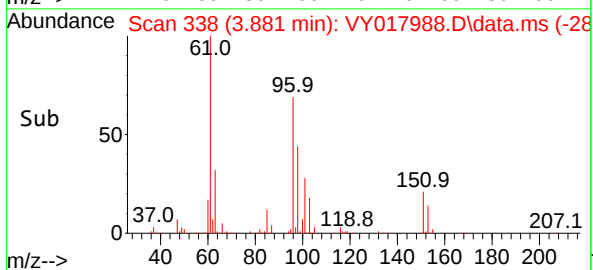
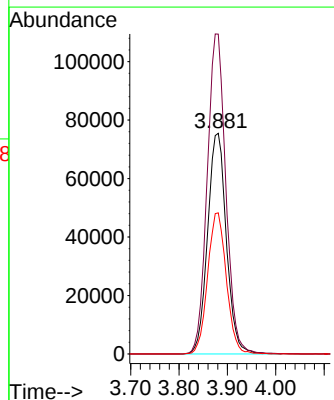
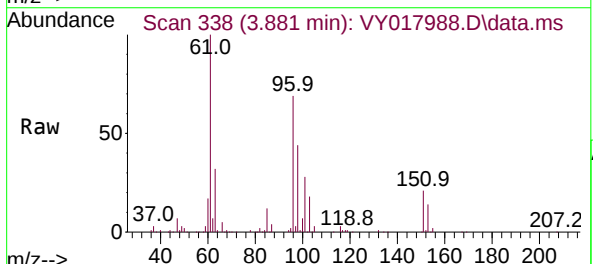
Tgt Ion: 96 Resp: 203544

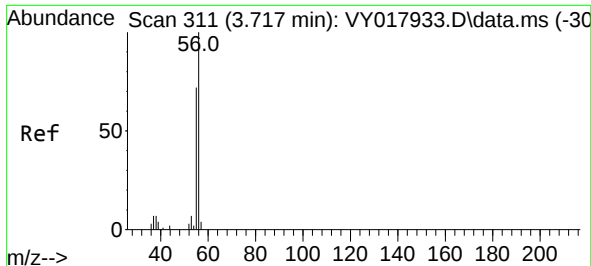
Ion Ratio Lower Upper

96 100

61 144.9 114.6 171.8

98 63.9 50.8 76.2





#13

Acrolein

Concen: 352.26 ug/l

RT: 3.735 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

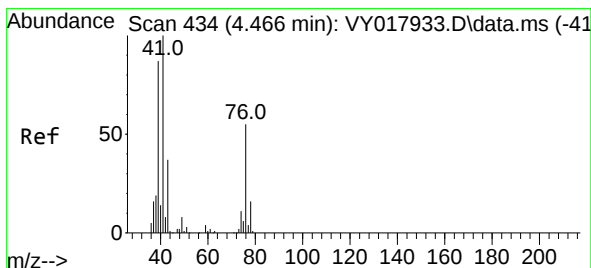
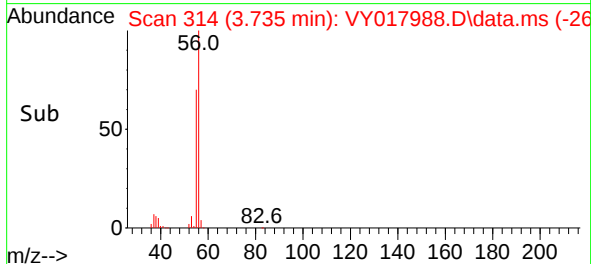
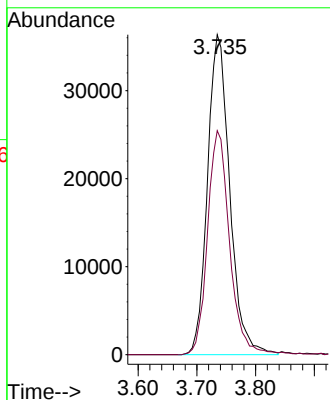
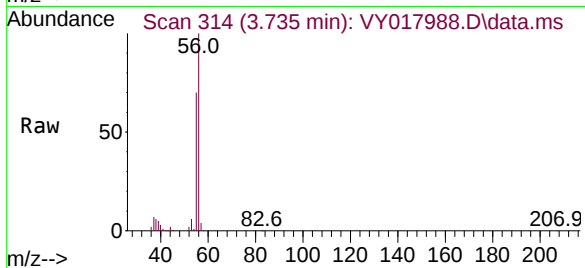
VSTDCCC050EC

Tgt Ion: 56 Resp: 95683

Ion Ratio Lower Upper

56 100

55 69.5 55.7 83.5



#14

Allyl chloride

Concen: 52.21 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

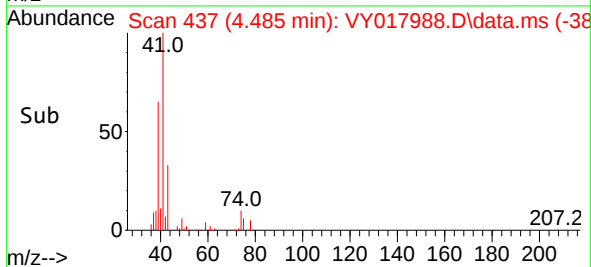
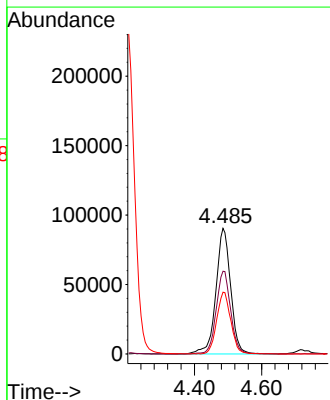
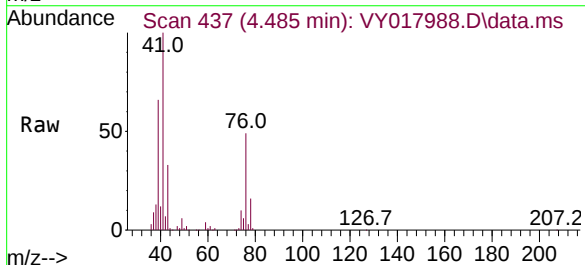
Tgt Ion: 41 Resp: 274901

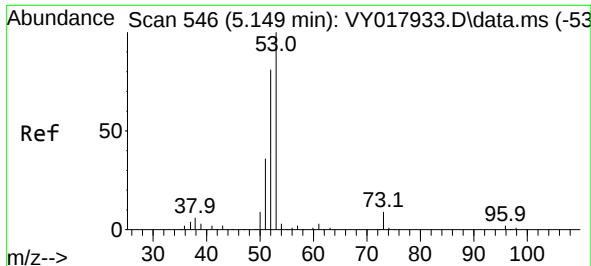
Ion Ratio Lower Upper

41 100

39 64.6 58.3 87.5

76 47.1 39.0 58.6

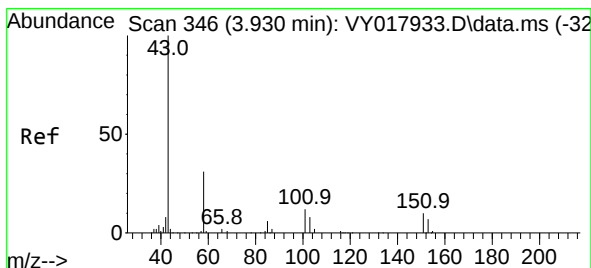
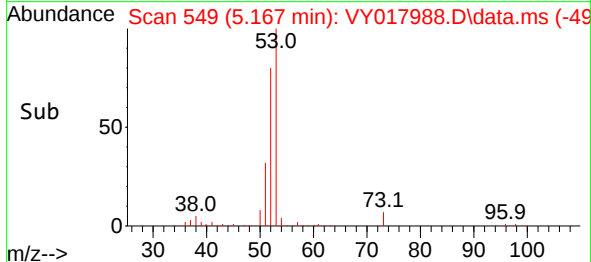
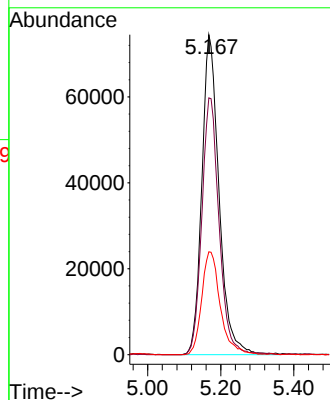
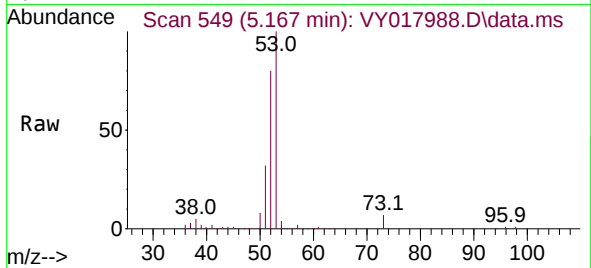




#15
Acrylonitrile
Concen: 281.90 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

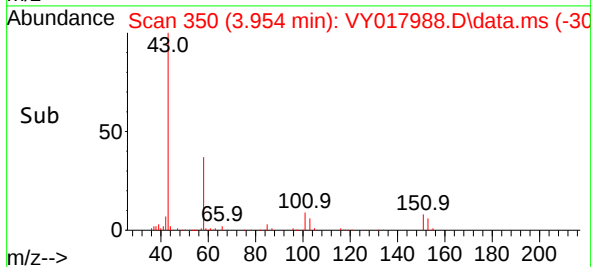
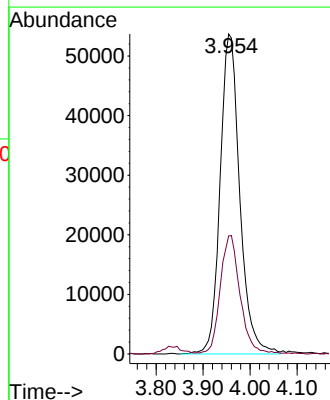
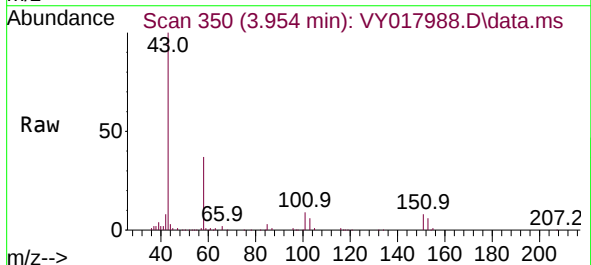
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

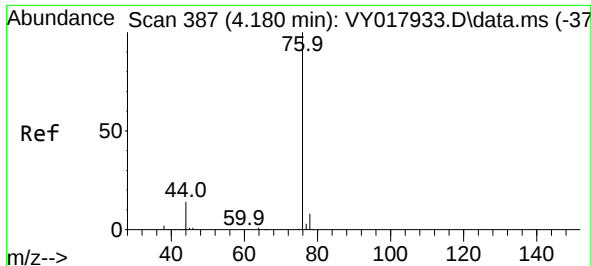
Tgt Ion: 53 Resp: 243406
Ion Ratio Lower Upper
53 100
52 80.5 64.7 97.1
51 34.8 28.4 42.6



#16
Acetone
Concen: 226.54 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 43 Resp: 156117
Ion Ratio Lower Upper
43 100
58 36.7 31.7 47.5





#17

Carbon Disulfide

Concen: 48.92 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

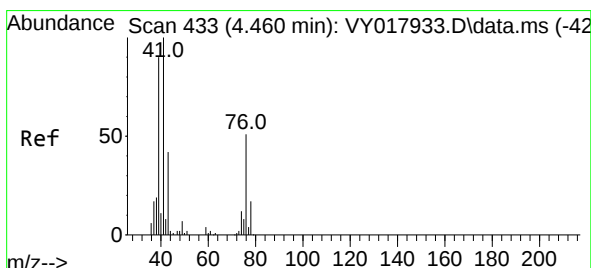
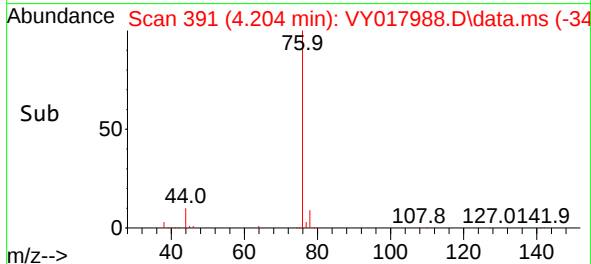
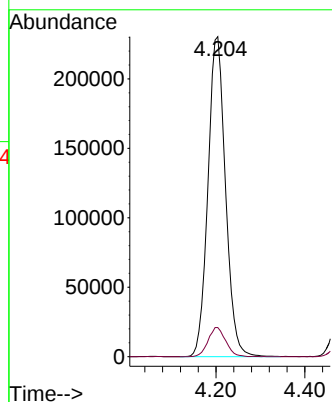
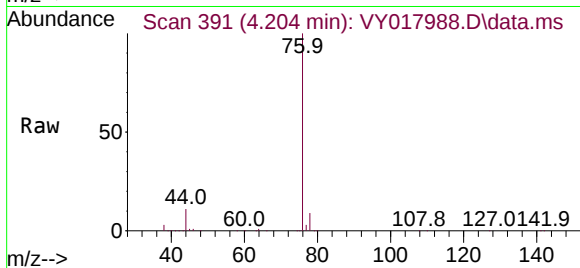
VSTDCCC050EC

Tgt Ion: 76 Resp: 633208

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 51.95 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017988.D

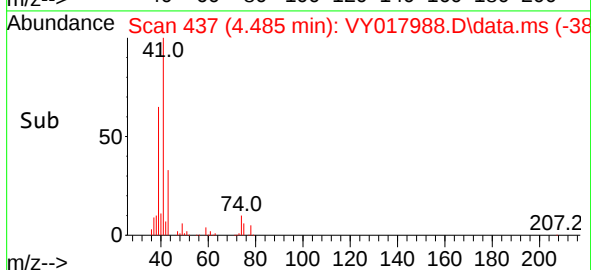
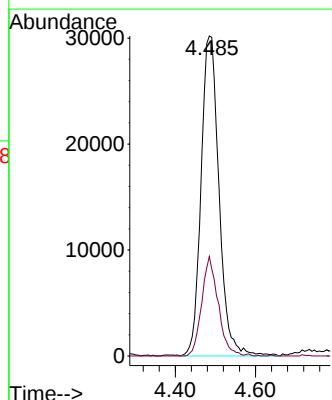
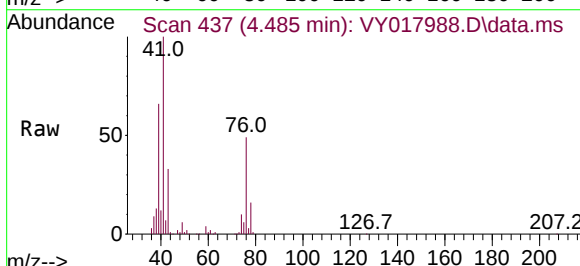
Acq: 18 Apr 2024 20:00

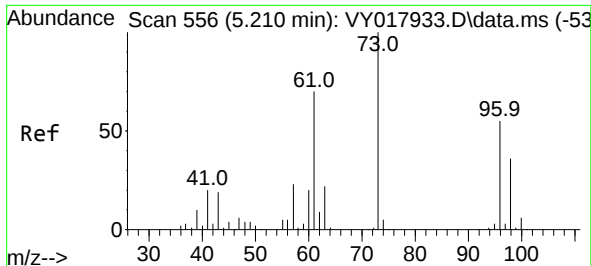
Tgt Ion: 43 Resp: 94187

Ion Ratio Lower Upper

43 100

74 28.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 55.15 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

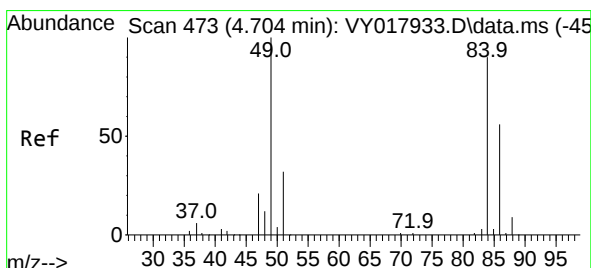
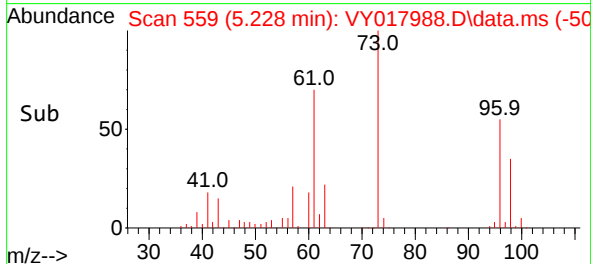
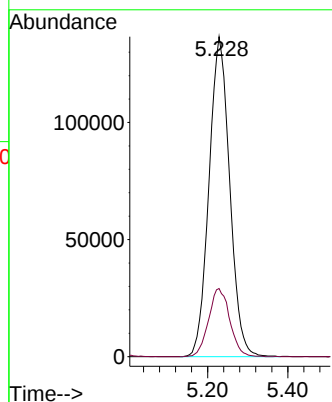
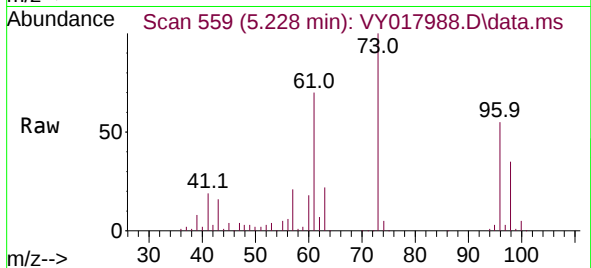
VSTDCCC050EC

Tgt Ion: 73 Resp: 489035

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 52.17 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Tgt Ion: 84 Resp: 243562

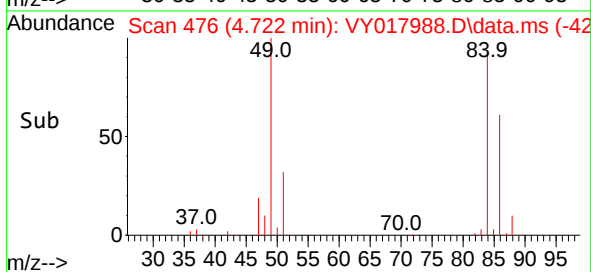
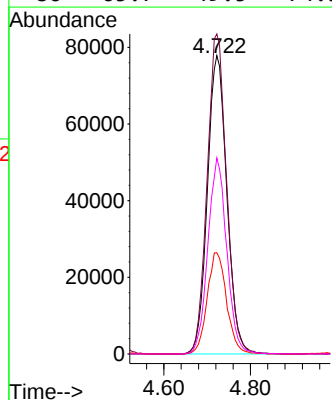
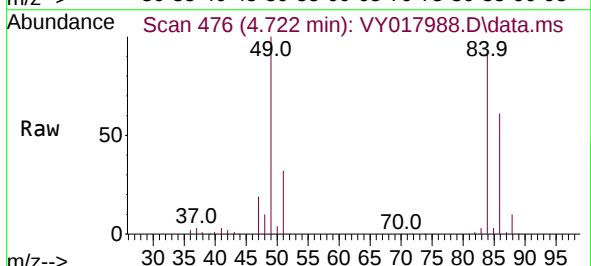
Ion Ratio Lower Upper

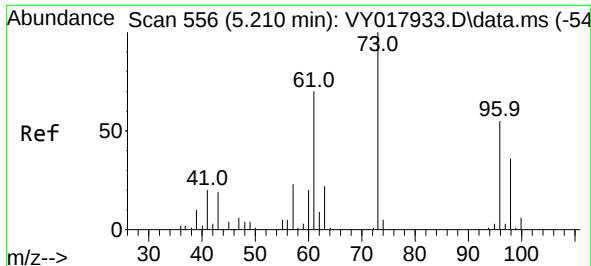
84 100

49 107.2 84.4 126.6

51 33.9 26.0 39.0

86 65.7 49.5 74.3

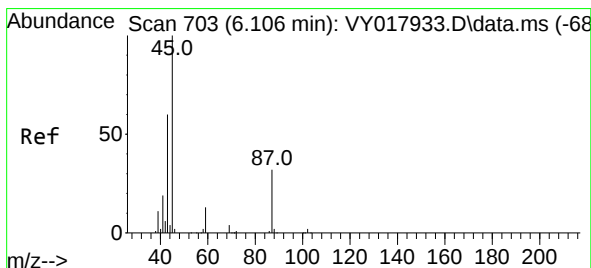
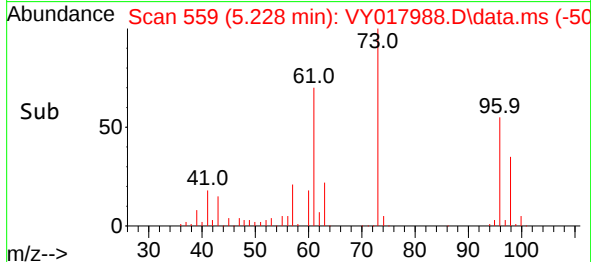
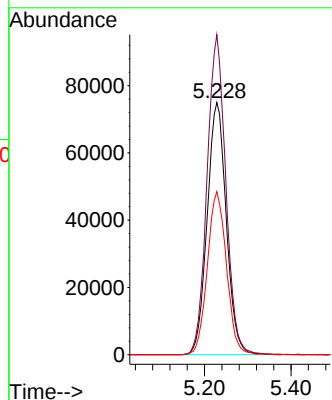
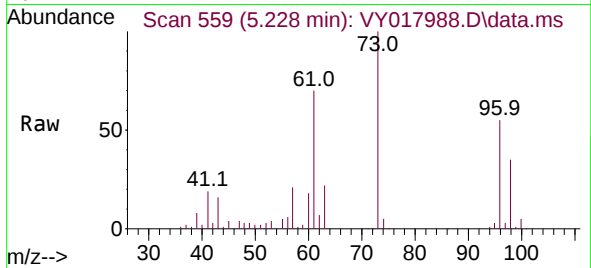




#21
trans-1,2-Dichloroethene
Concen: 51.66 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

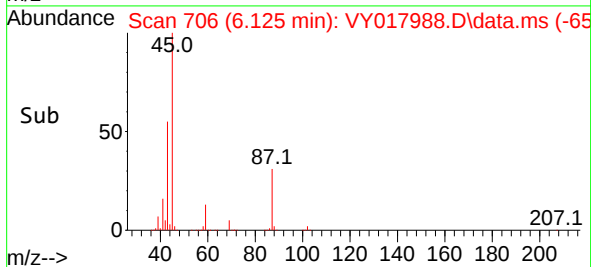
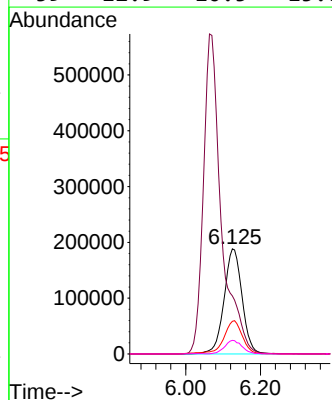
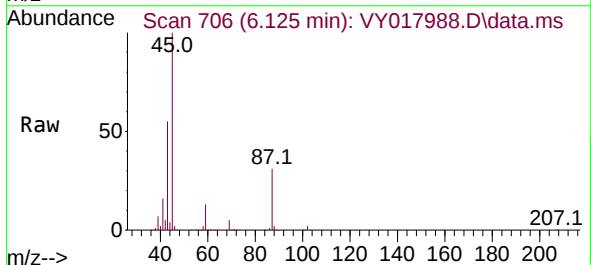
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

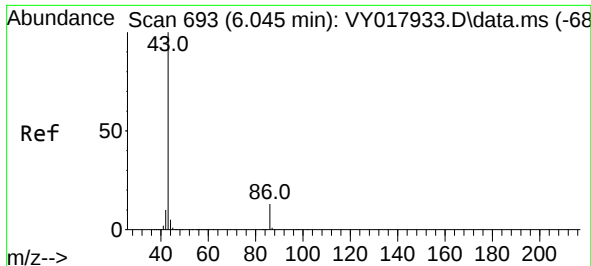
Tgt Ion: 96 Resp: 230229
Ion Ratio Lower Upper
96 100
61 126.9 97.5 146.3
98 64.6 50.5 75.7



#22
Diisopropyl ether
Concen: 54.63 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 45 Resp: 630611
Ion Ratio Lower Upper
45 100
43 55.2 42.2 63.2
87 31.0 25.0 37.6
59 12.9 10.5 15.7

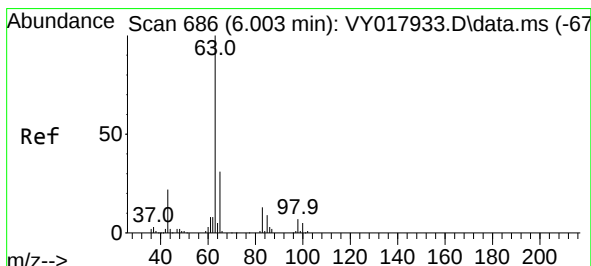
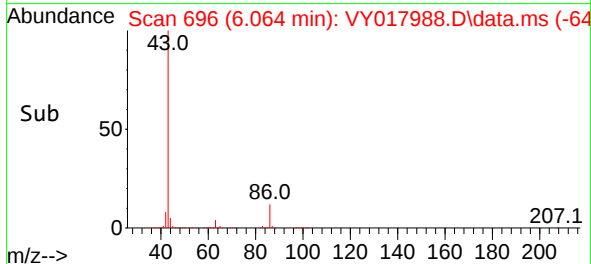
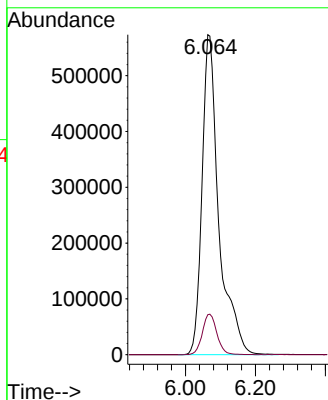
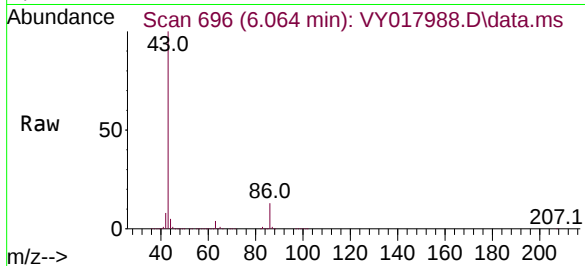




#23
 Vinyl Acetate
 Concen: 278.85 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017988.D
 Acq: 18 Apr 2024 20:00

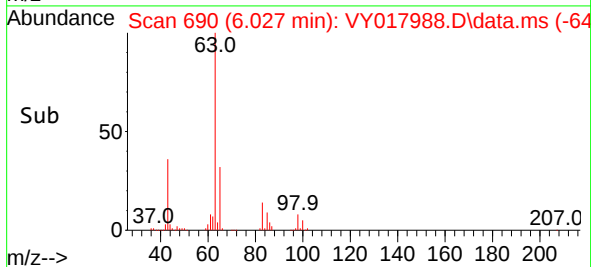
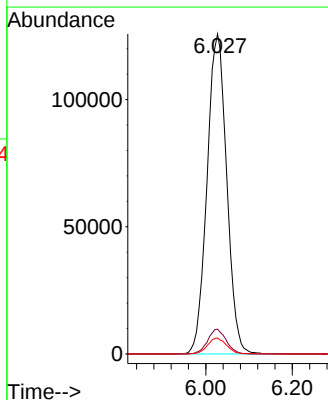
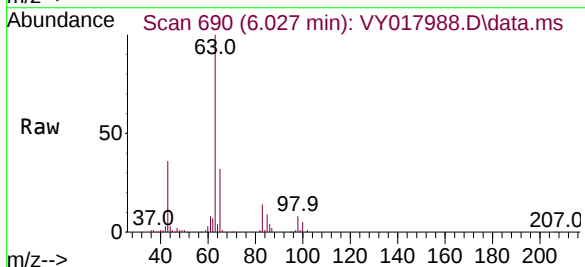
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

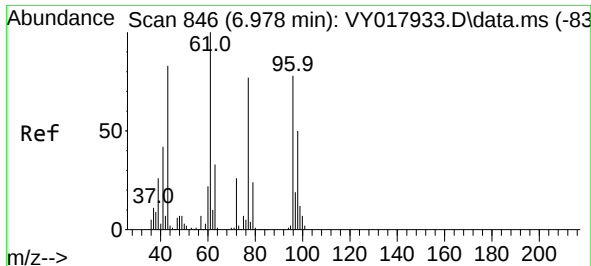
Tgt Ion: 43 Resp: 1908566
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.64 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY017988.D
 Acq: 18 Apr 2024 20:00

Tgt Ion: 63 Resp: 396732
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 269.27 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

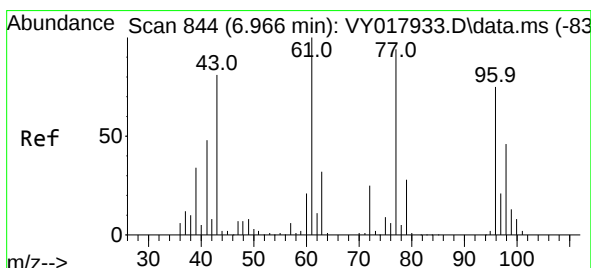
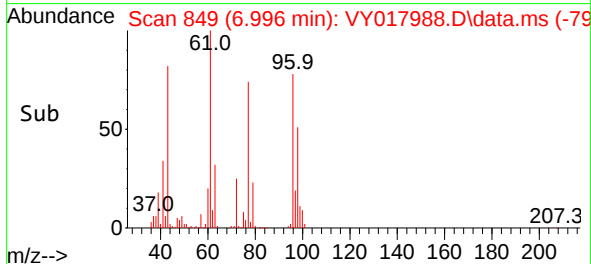
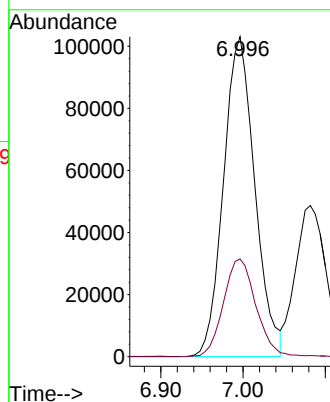
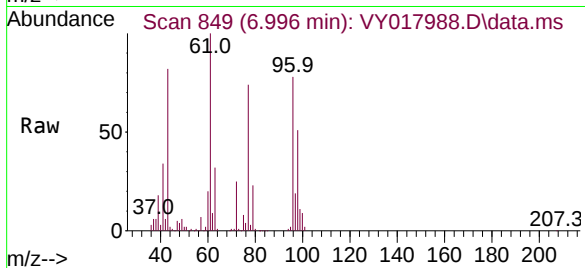
VSTDCCC050EC

Tgt Ion: 43 Resp: 272752

Ion Ratio Lower Upper

43 100

72 30.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.74 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017988.D

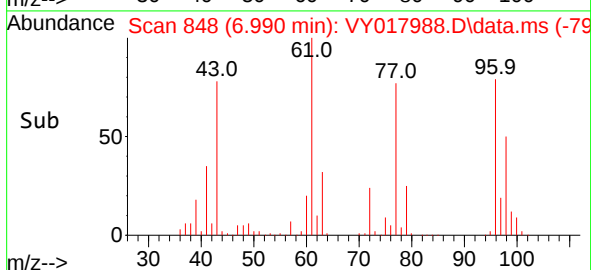
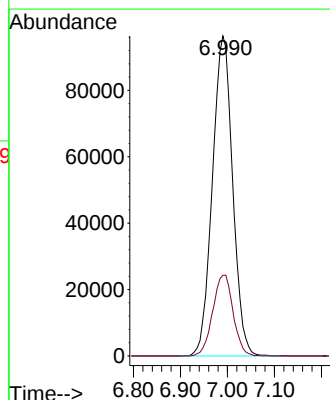
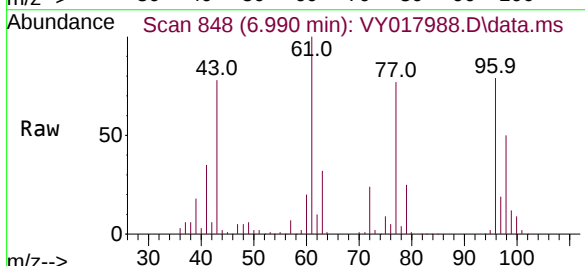
Acq: 18 Apr 2024 20:00

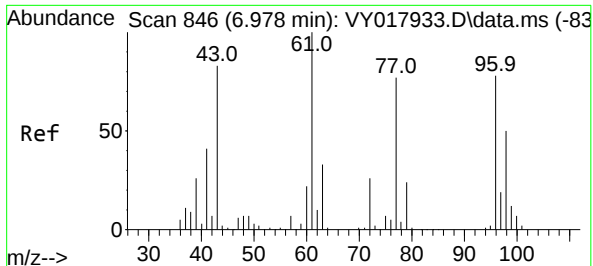
Tgt Ion: 77 Resp: 288626

Ion Ratio Lower Upper

77 100

97 25.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.78 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

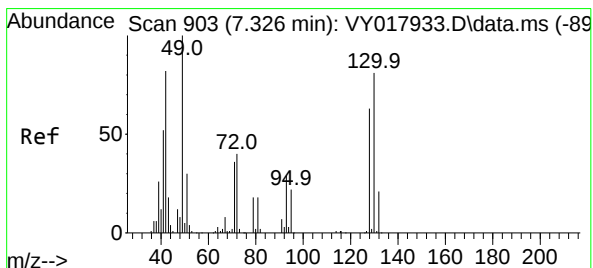
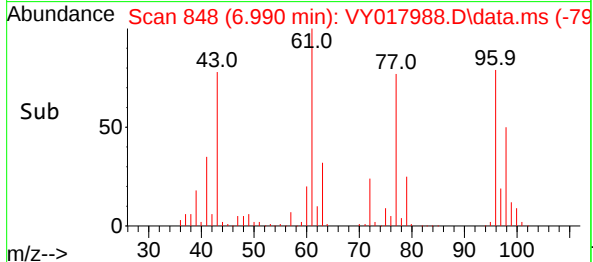
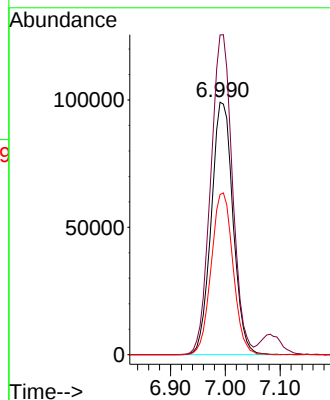
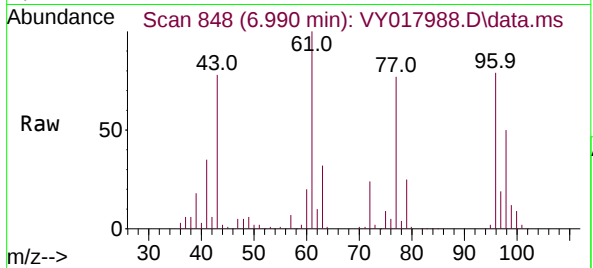
Tgt Ion: 96 Resp: 273768

Ion Ratio Lower Upper

96 100

61 126.7 0.0 256.2

98 64.2 0.0 130.0



#28

Bromochloromethane

Concen: 53.49 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

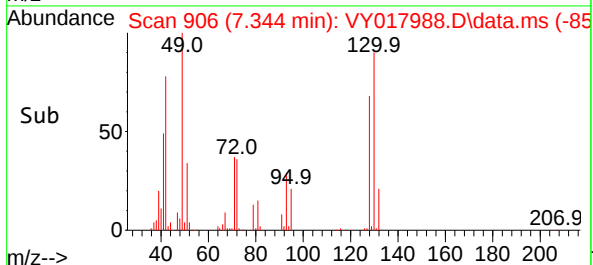
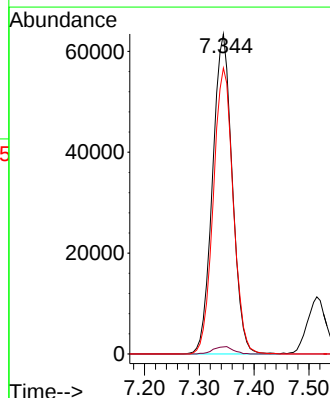
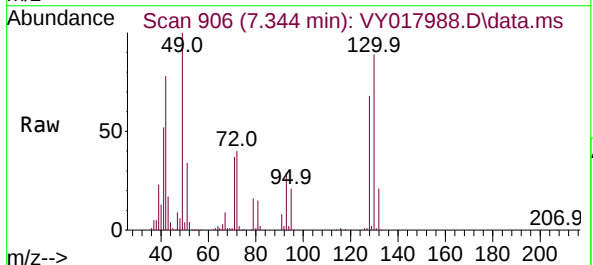
Tgt Ion: 49 Resp: 158578

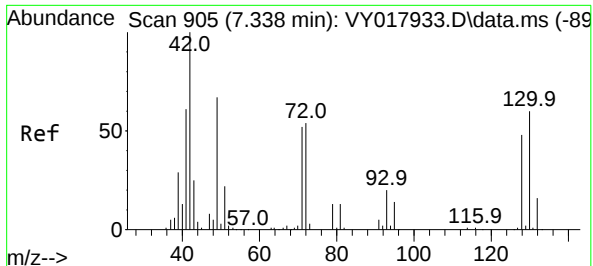
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 89.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 290.27 ug/l

RT: 7.356 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

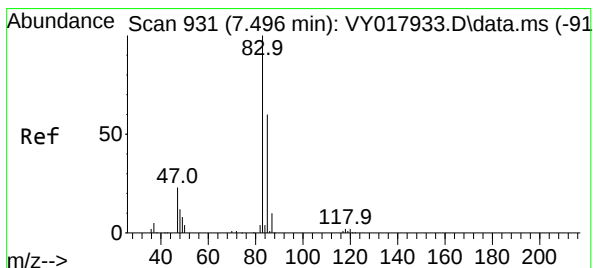
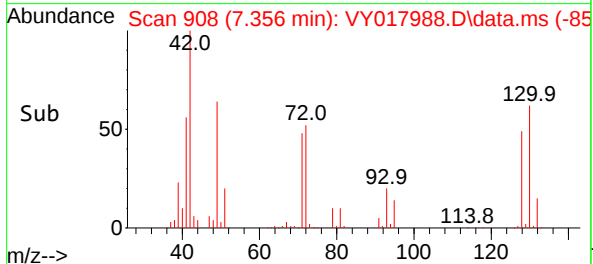
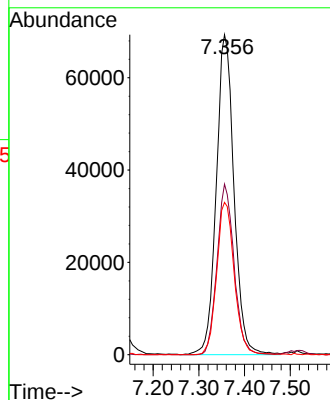
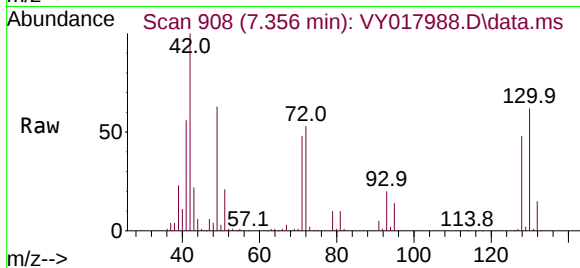
Tgt Ion: 42 Resp: 186586

Ion Ratio Lower Upper

42 100

72 51.3 43.0 64.4

71 47.4 40.8 61.2



#30

Chloroform

Concen: 52.09 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017988.D

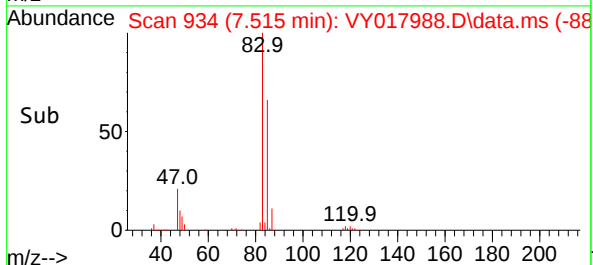
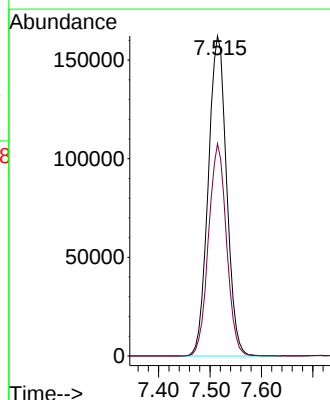
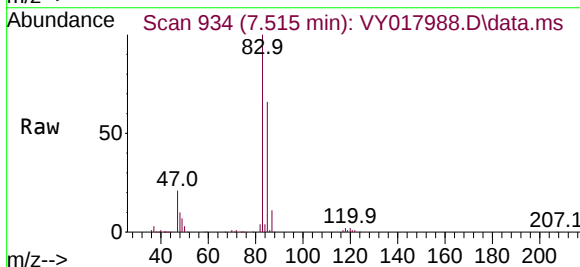
Acq: 18 Apr 2024 20:00

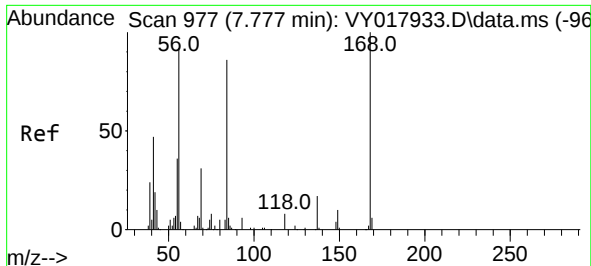
Tgt Ion: 83 Resp: 401220

Ion Ratio Lower Upper

83 100

85 66.4 52.2 78.4

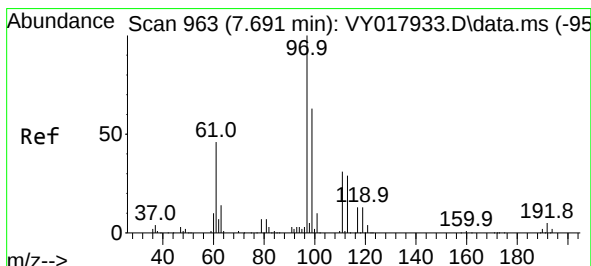
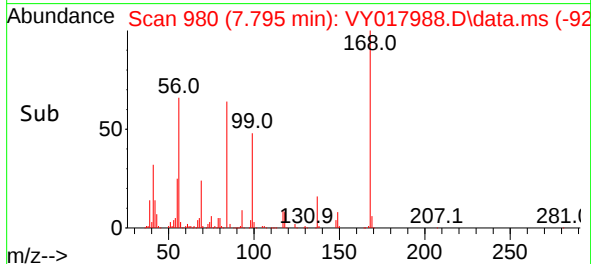
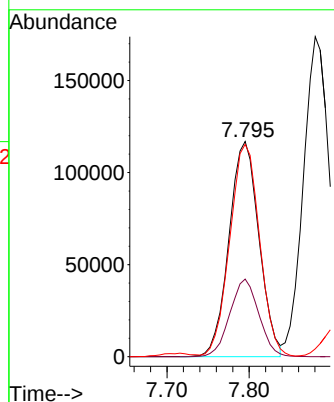
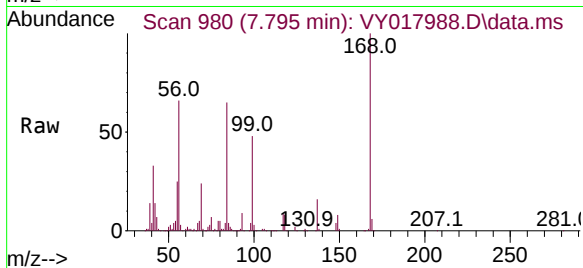




#31
Cyclohexane
Concen: 44.45 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

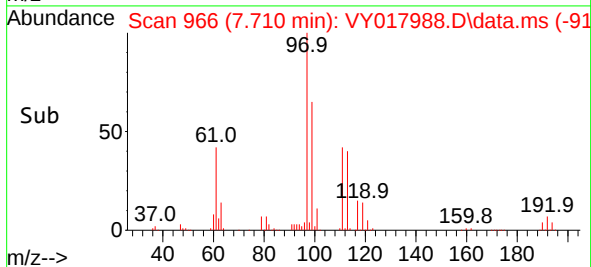
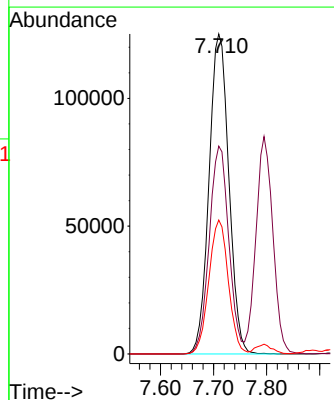
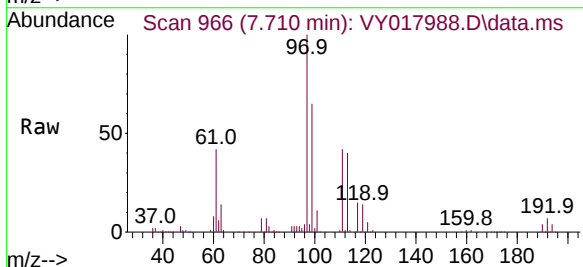
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

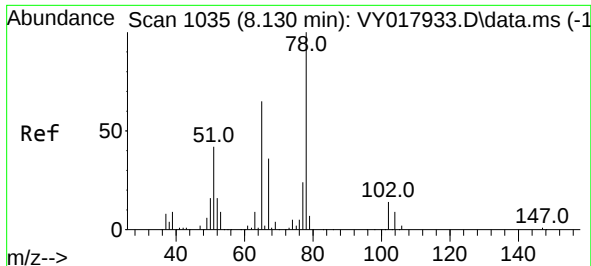
Tgt Ion: 56 Resp: 296320
Ion Ratio Lower Upper
56 100
69 36.1 28.7 43.1
84 97.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 50.58 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 97 Resp: 324489
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 41.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.03 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

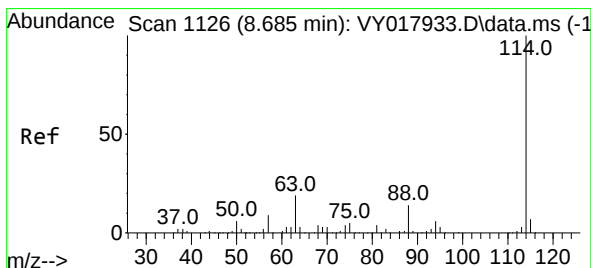
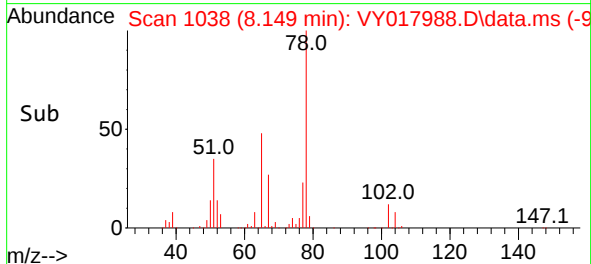
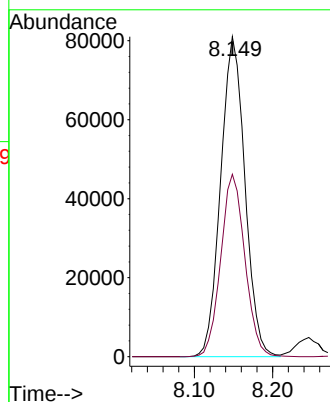
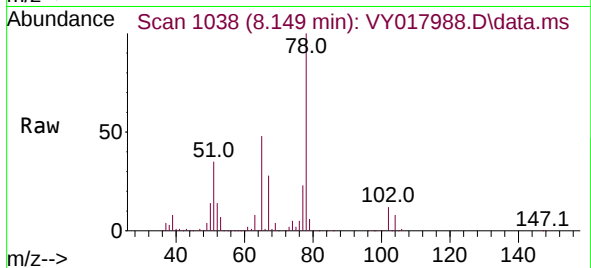
VSTDCCC050EC

Tgt Ion: 65 Resp: 174500

Ion Ratio Lower Upper

65 100

67 56.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

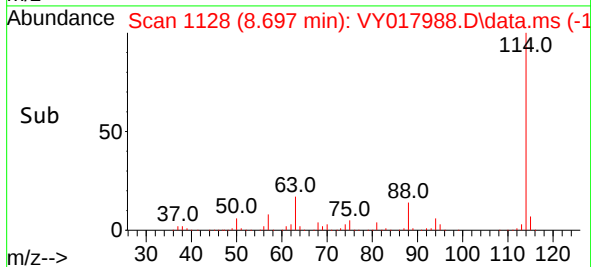
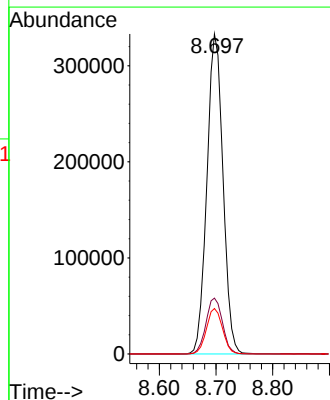
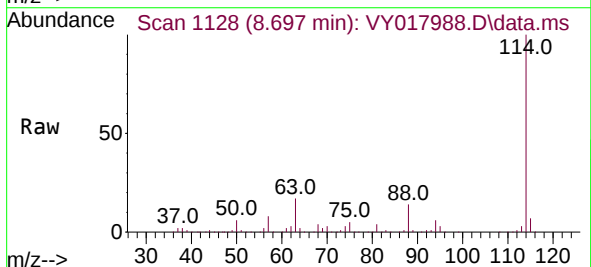
Tgt Ion: 114 Resp: 655830

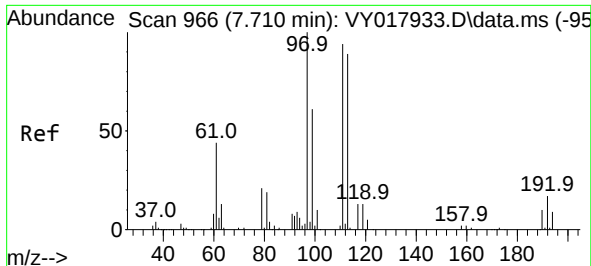
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.2 0.0 27.2

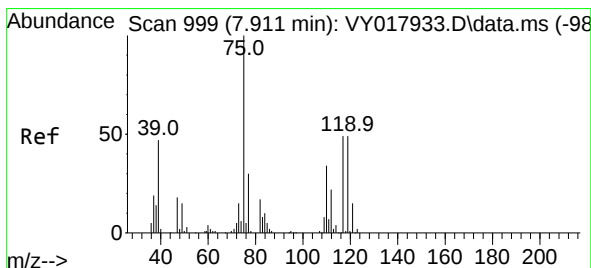
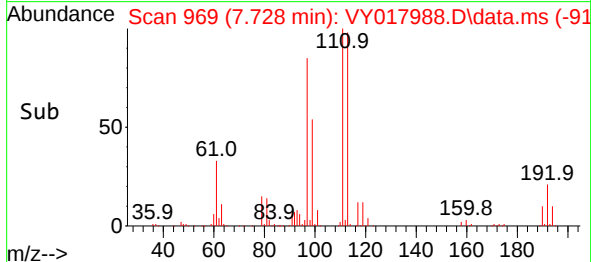
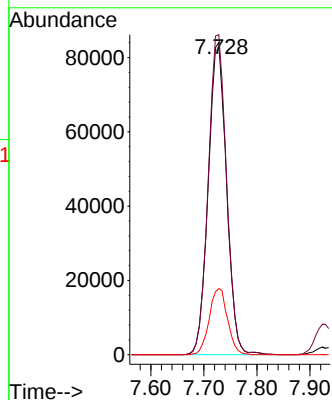
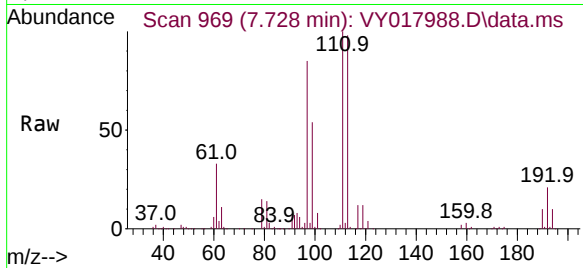




#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

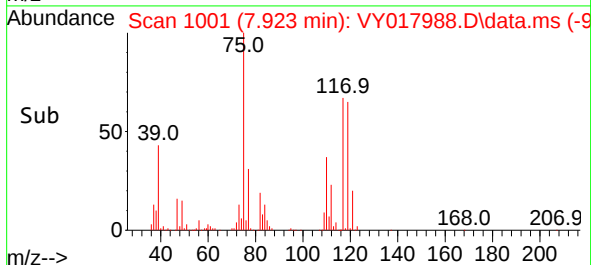
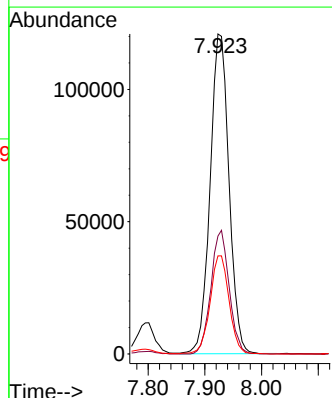
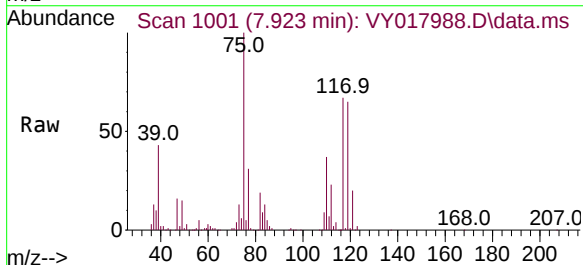
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

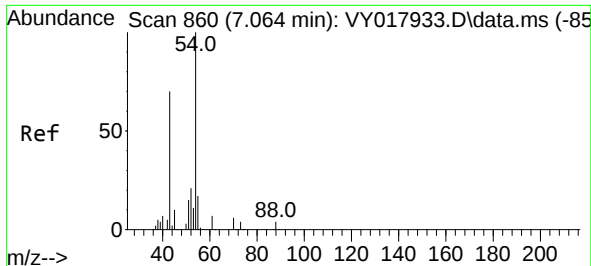
Tgt Ion:113 Resp: 201096
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.45 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 75 Resp: 279221
Ion Ratio Lower Upper
75 100
110 37.4 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 54.86 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

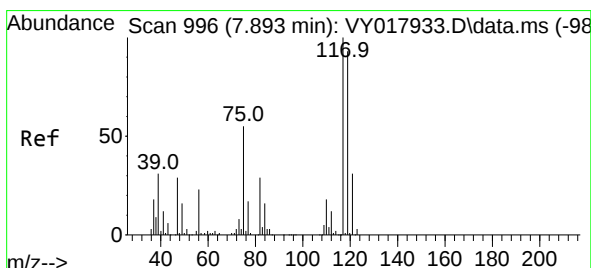
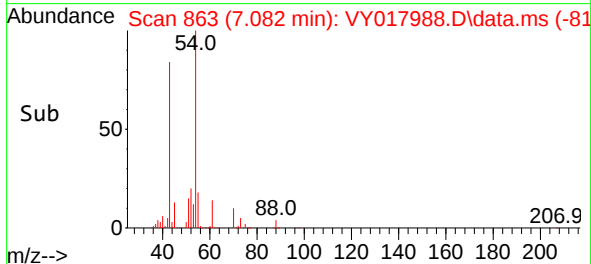
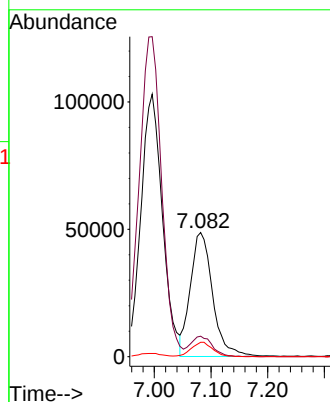
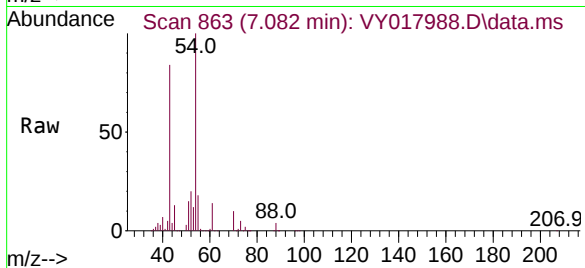
Tgt Ion: 43 Resp: 132816

Ion Ratio Lower Upper

43 100

61 16.3 12.6 19.0

70 11.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.27 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

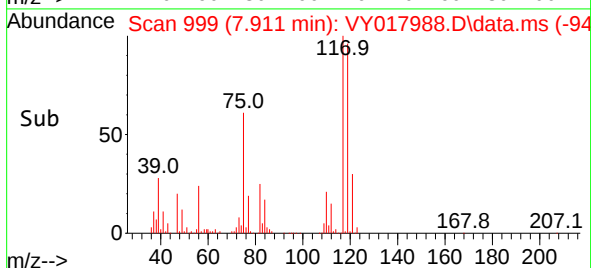
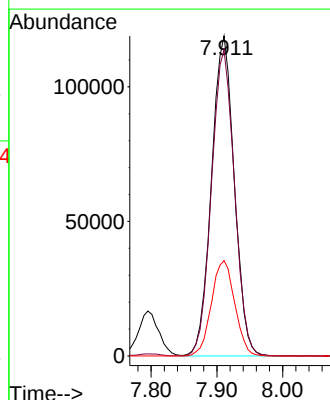
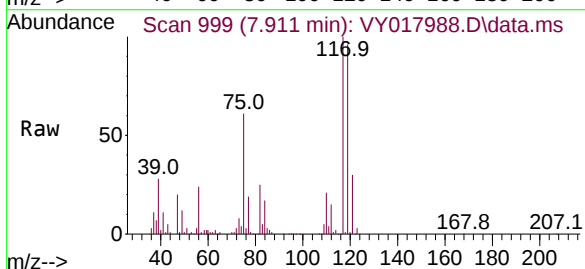
Tgt Ion: 117 Resp: 286977

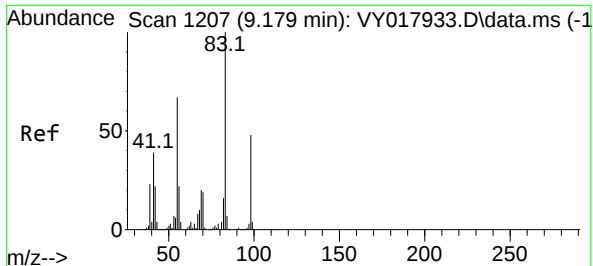
Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.6

121 29.8 24.0 36.0





#39

Methylcyclohexane

Concen: 44.71 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

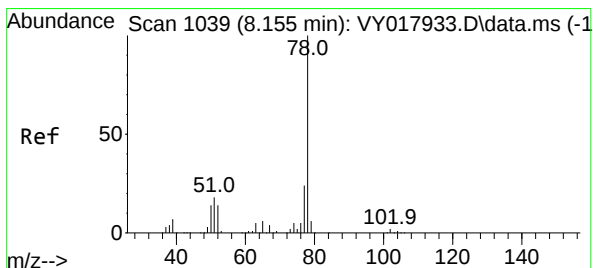
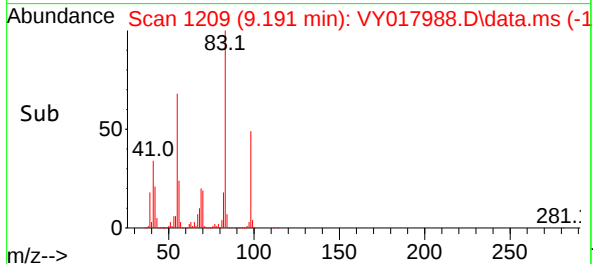
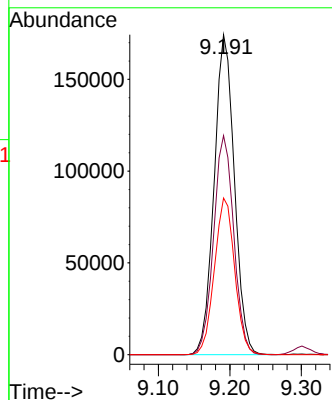
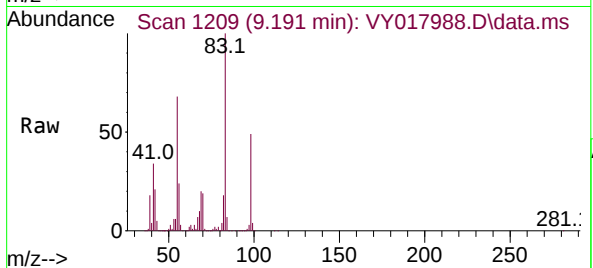
Tgt Ion: 83 Resp: 342852

Ion Ratio Lower Upper

83 100

55 68.4 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 50.96 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017988.D

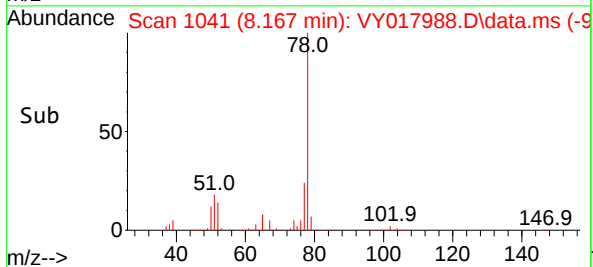
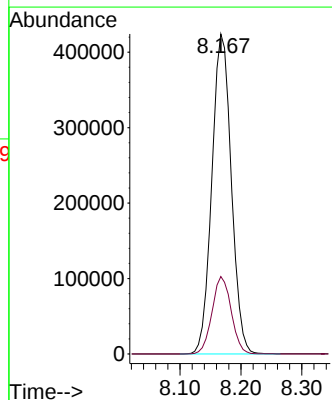
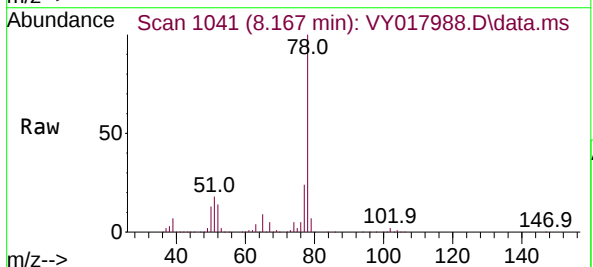
Acq: 18 Apr 2024 20:00

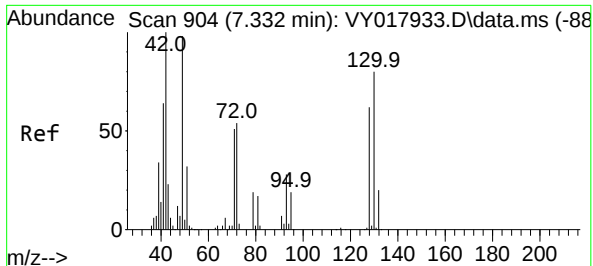
Tgt Ion: 78 Resp: 939248

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3



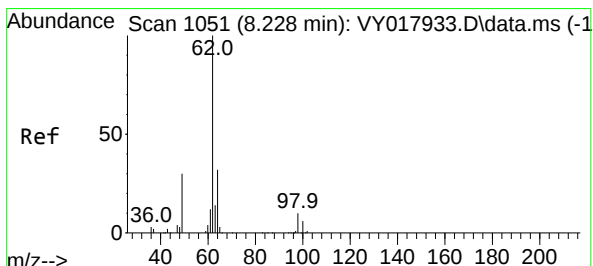
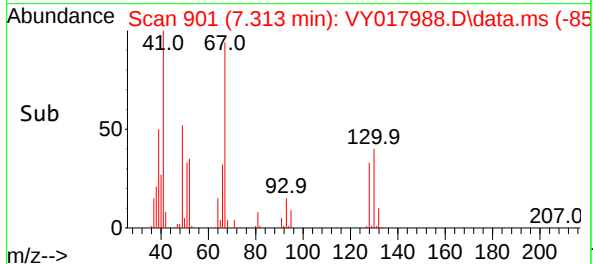
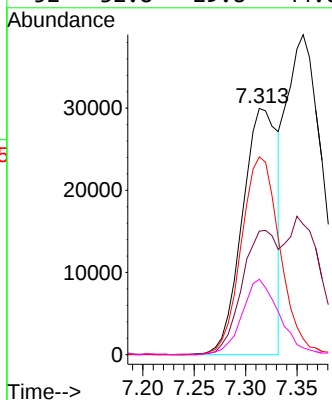
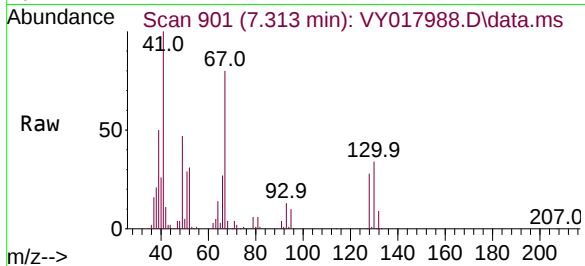


#41
Methacrylonitrile
Concen: 46.92 ug/l
RT: 7.313 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 71667

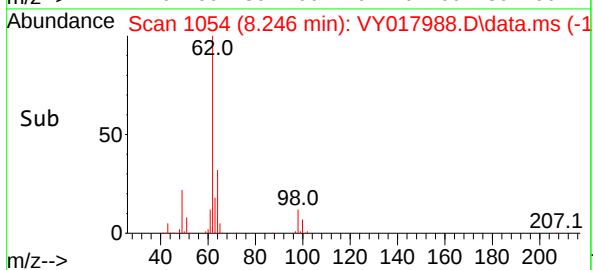
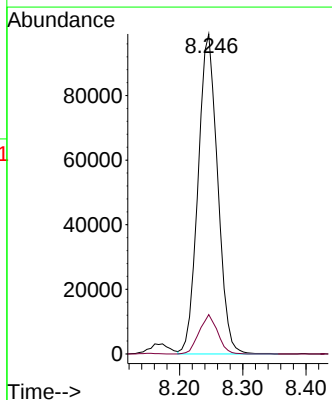
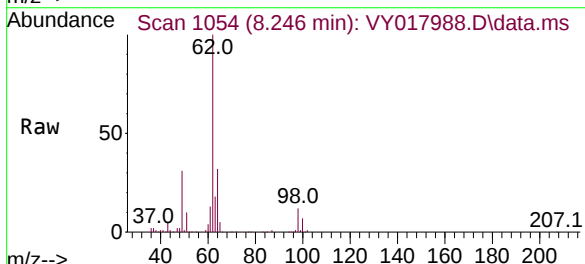
Ion	Ratio	Lower	Upper
41	100		
39	50.7	48.0	72.0
67	88.7	75.1	112.7
52	32.8	29.8	44.6

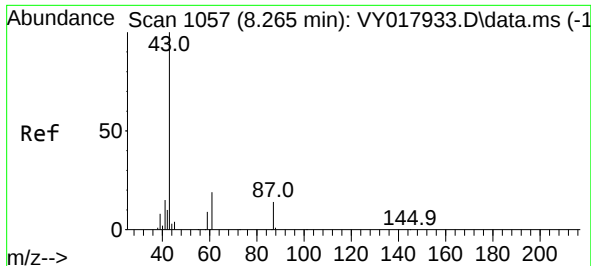


#42
1,2-Dichloroethane
Concen: 50.43 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 62 Resp: 212961

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 53.83 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

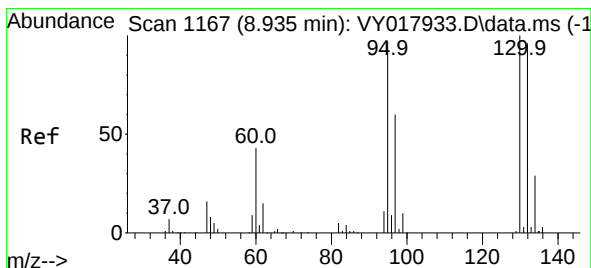
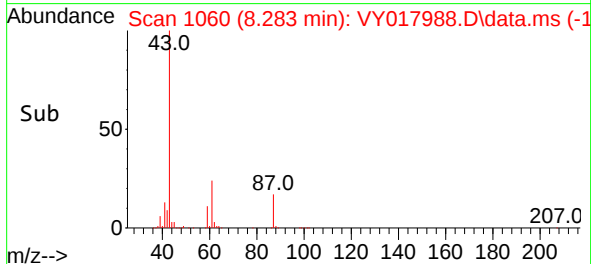
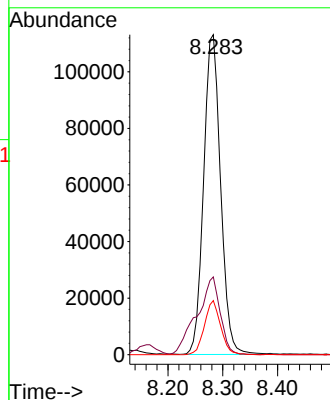
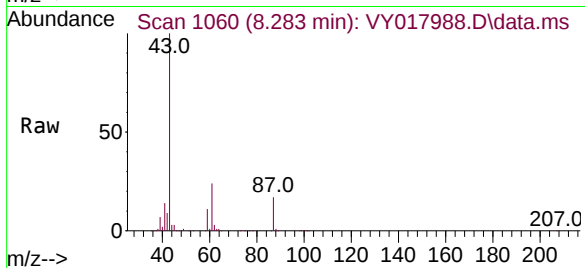
Tgt Ion: 43 Resp: 242903

Ion Ratio Lower Upper

43 100

61 33.4 27.9 41.9

87 16.2 13.1 19.7



#44

Trichloroethene

Concen: 50.90 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017988.D

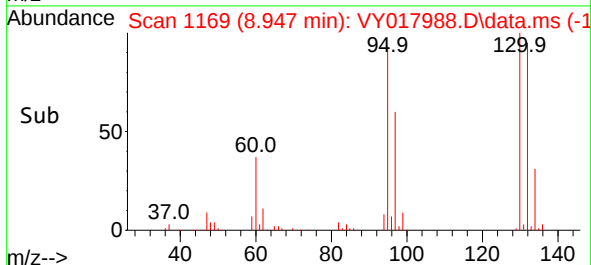
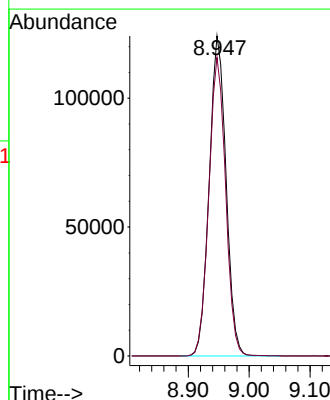
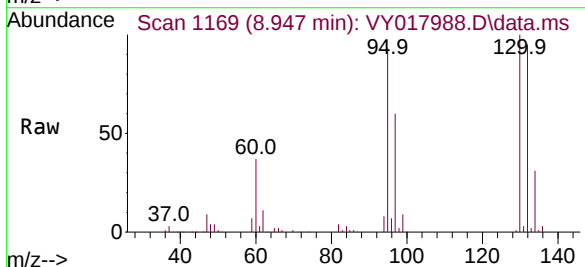
Acq: 18 Apr 2024 20:00

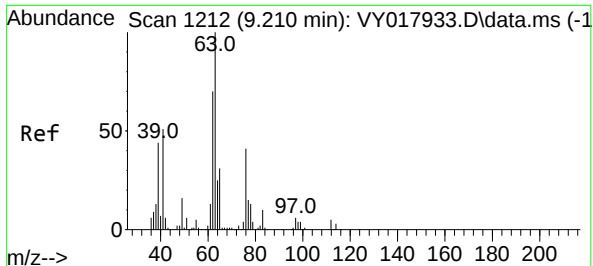
Tgt Ion:130 Resp: 238402

Ion Ratio Lower Upper

130 100

95 93.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.34 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

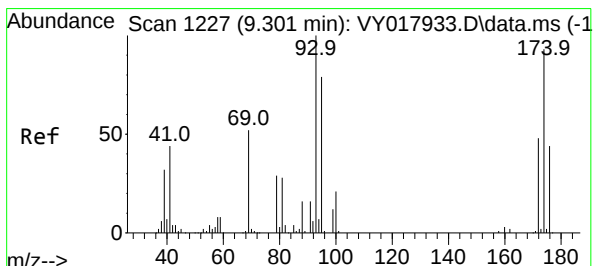
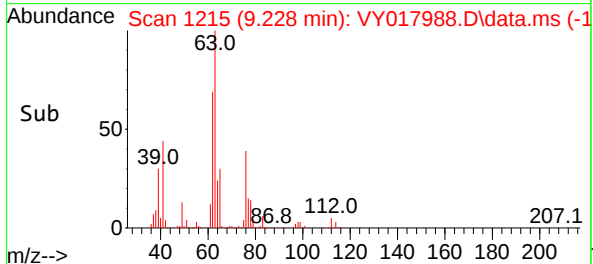
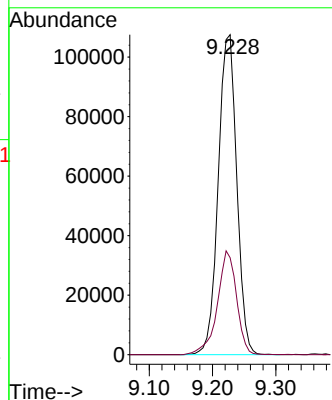
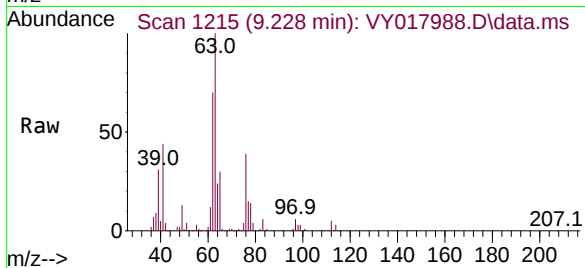
VSTDCCC050EC

Tgt Ion: 63 Resp: 217837

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 52.28 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

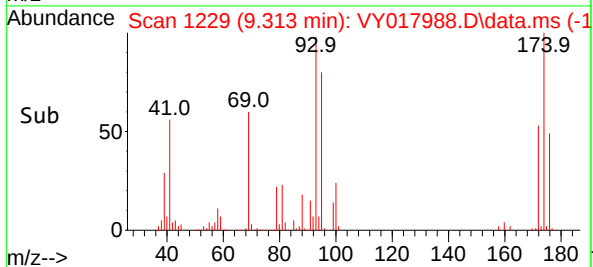
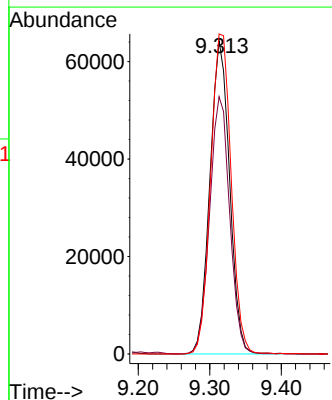
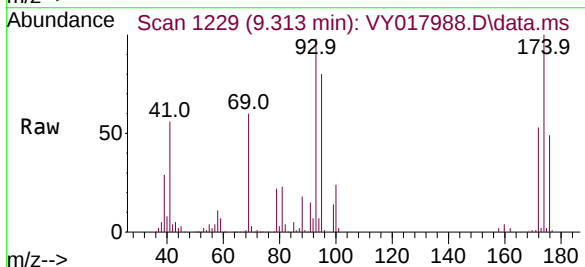
Tgt Ion: 93 Resp: 122681

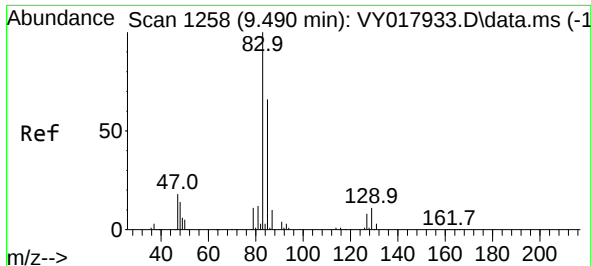
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 106.6 80.9 121.3

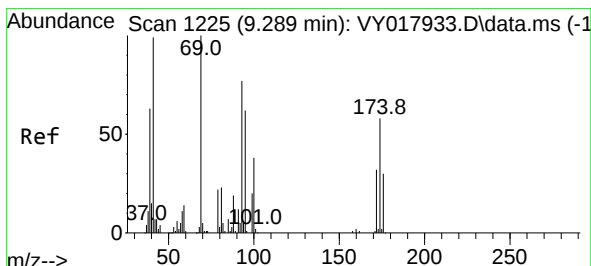
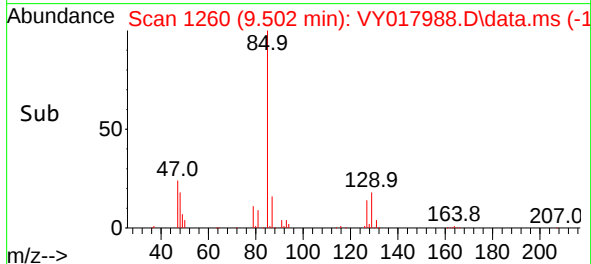
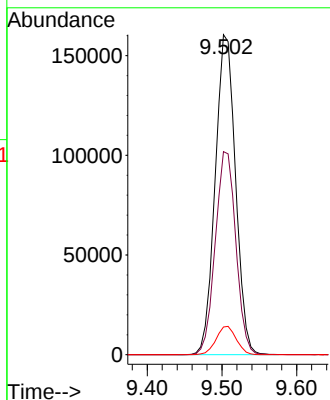
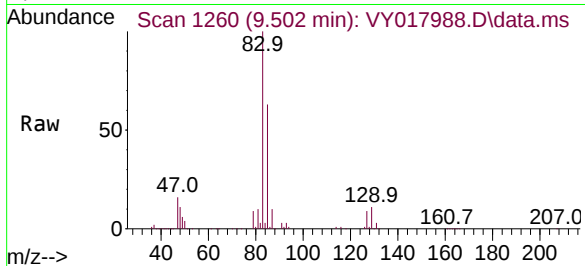




#47
Bromodichloromethane
Concen: 51.60 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

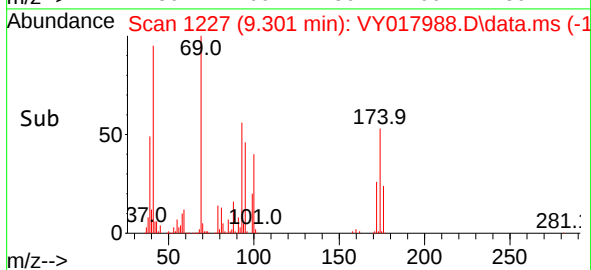
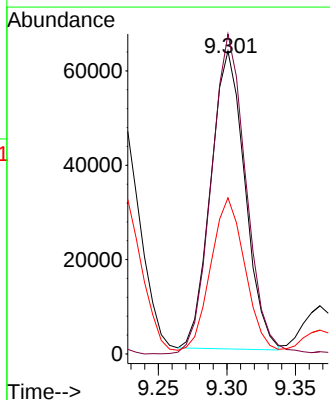
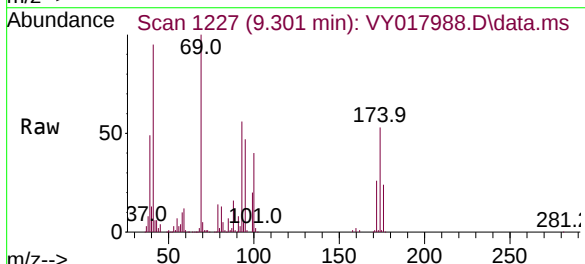
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

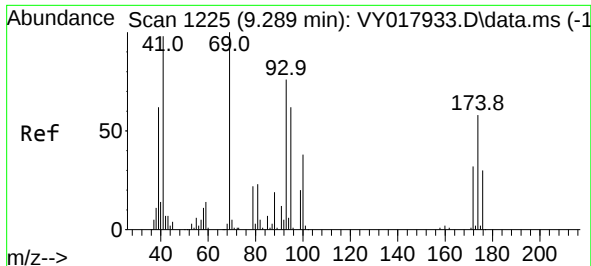
Tgt Ion: 83 Resp: 303789
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 52.97 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 41 Resp: 109542
Ion Ratio Lower Upper
41 100
69 109.3 84.1 126.1
39 50.9 43.6 65.4





#49

1,4-Dioxane

Concen: 1071.58 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

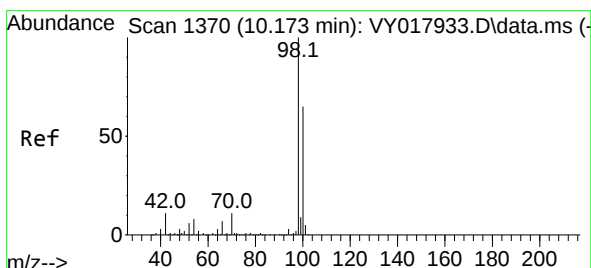
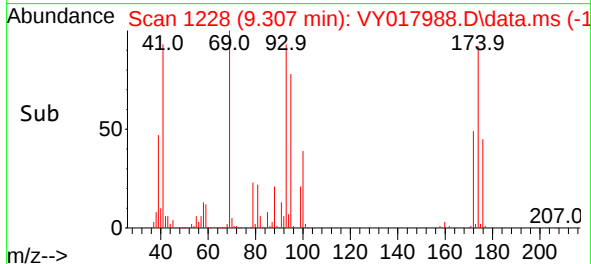
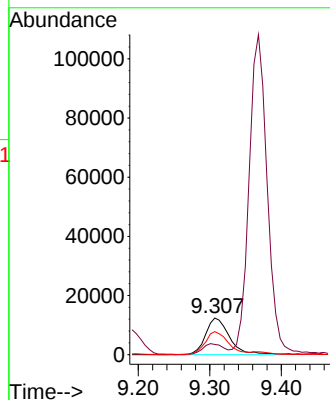
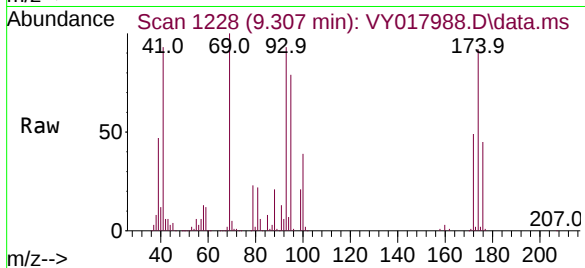
Tgt Ion: 88 Resp: 28709

Ion Ratio Lower Upper

88 100

43 25.6 0.0 0.0#

58 61.7 49.3 73.9



#50

Toluene-d8

Concen: 50.21 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.012 min

Lab File: VY017988.D

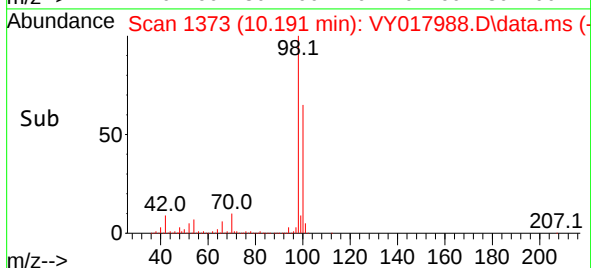
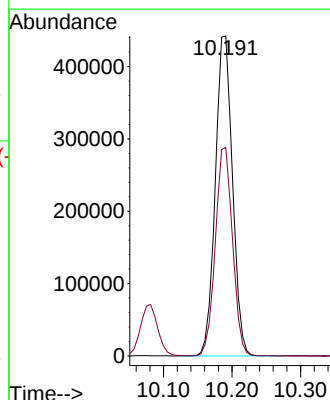
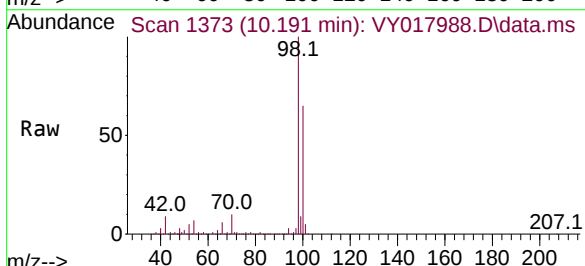
Acq: 18 Apr 2024 20:00

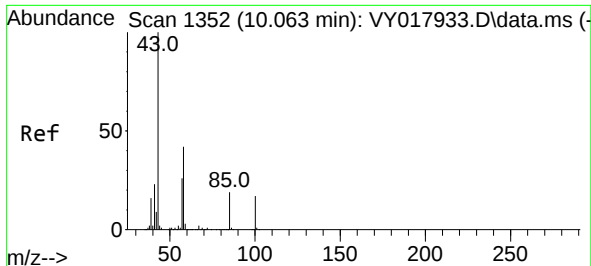
Tgt Ion: 98 Resp: 770842

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

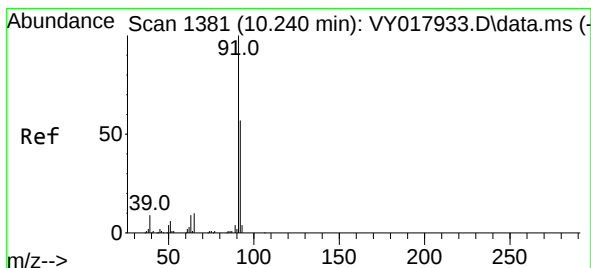
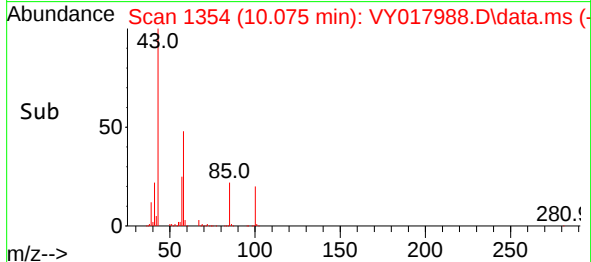
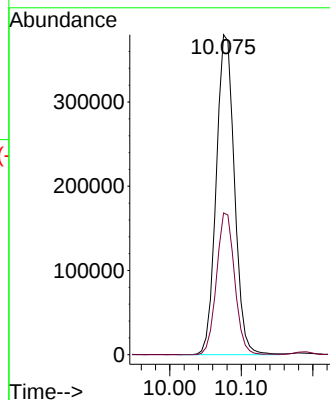
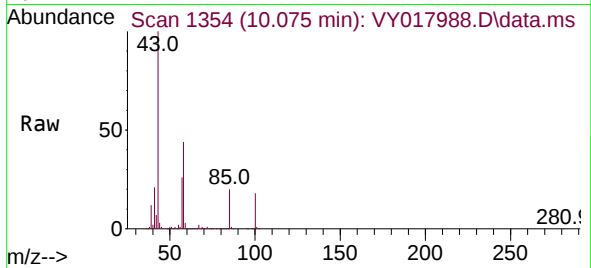




#51
4-Methyl-2-Pentanone
Concen: 280.46 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

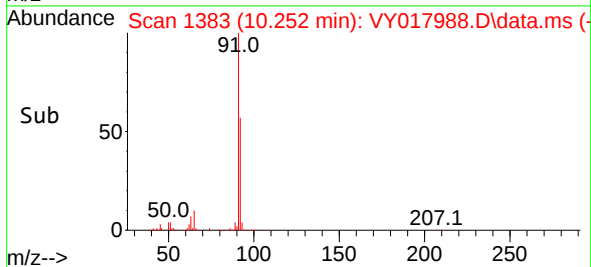
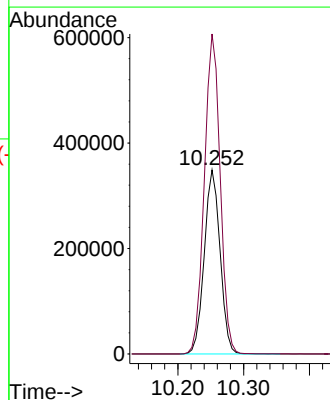
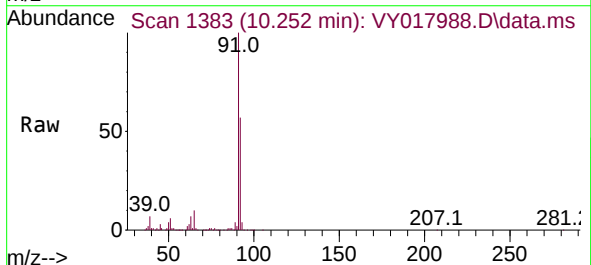
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

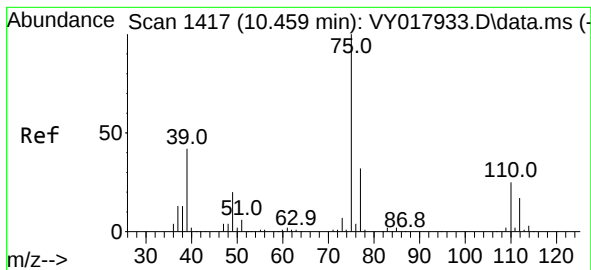
Tgt Ion: 43 Resp: 670948
Ion Ratio Lower Upper
43 100
58 44.2 35.7 53.5



#52
Toluene
Concen: 51.48 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 92 Resp: 582275
Ion Ratio Lower Upper
92 100
91 174.5 139.0 208.6

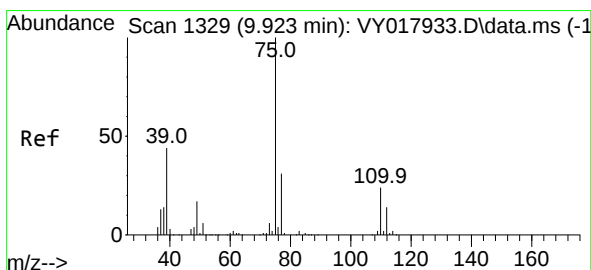
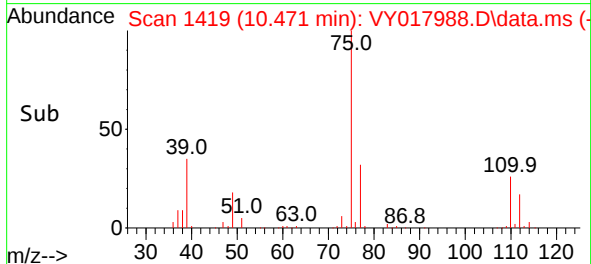
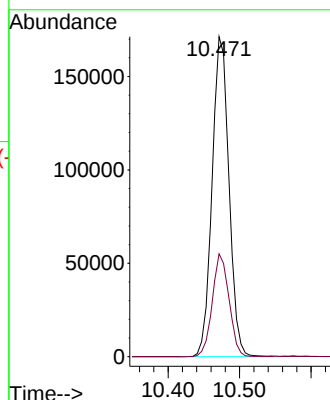
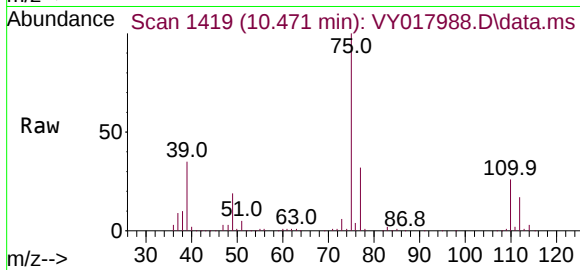




#53
 t-1,3-Dichloropropene
 Concen: 52.17 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY017988.D
 Acq: 18 Apr 2024 20:00

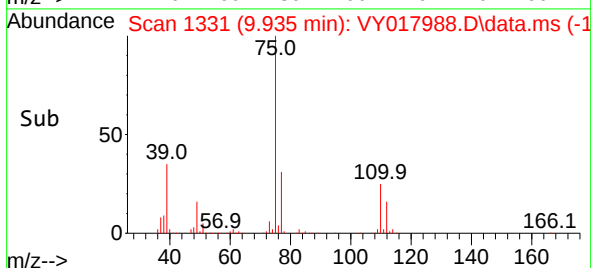
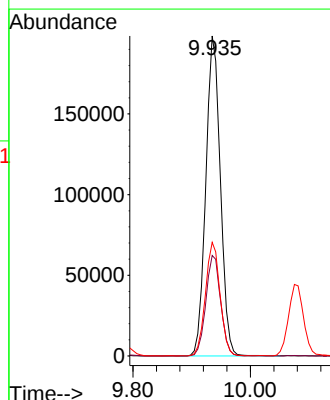
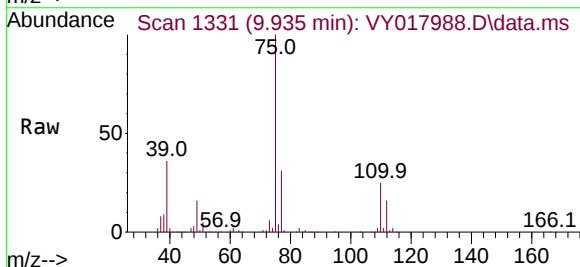
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

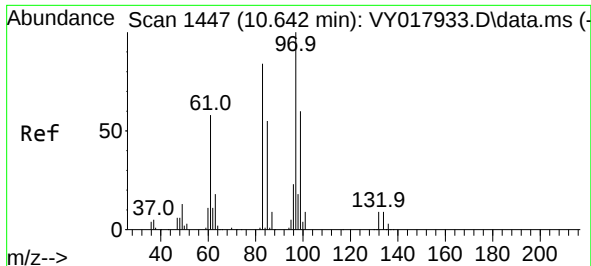
Tgt Ion: 75 Resp: 280440
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.75 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY017988.D
 Acq: 18 Apr 2024 20:00

Tgt Ion: 75 Resp: 341748
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 35.5 29.8 44.6

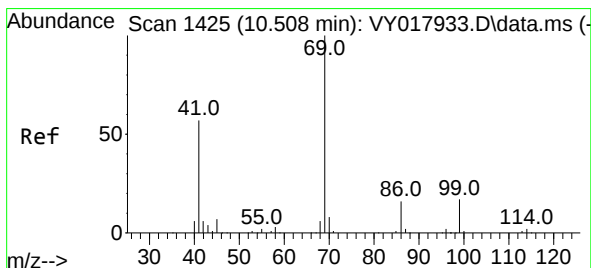
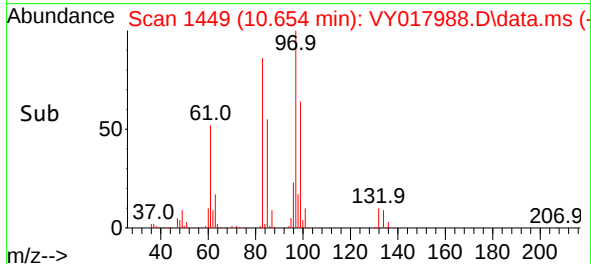
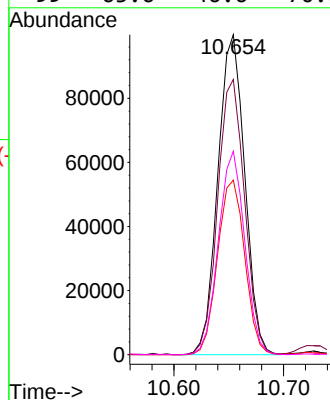
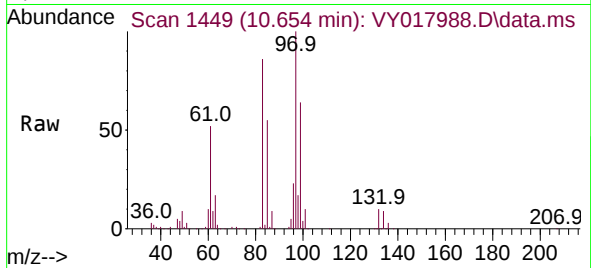




#55
1,1,2-Trichloroethane
Concen: 53.40 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

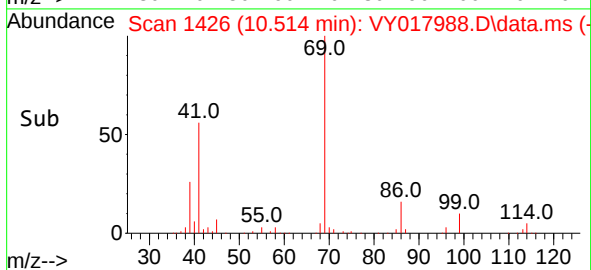
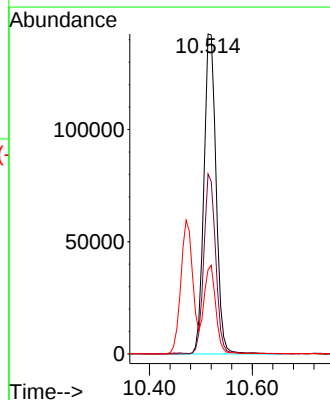
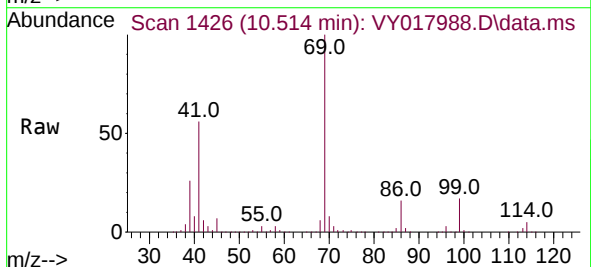
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

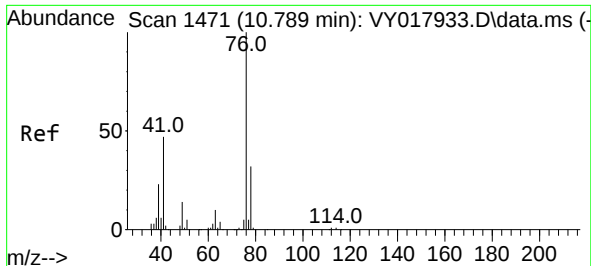
Tgt Ion:	97	Resp:	170348
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.5	101.3
85	54.5	42.9	64.3
99	63.6	46.6	70.0



#56
Ethyl methacrylate
Concen: 56.28 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion:	69	Resp:	234050
Ion	Ratio	Lower	Upper
69	100		
41	55.1	42.3	63.5
39	26.5	22.9	34.3





#57

1,3-Dichloropropane

Concen: 53.09 ug/l

RT: 10.801 min Scan# 1471

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

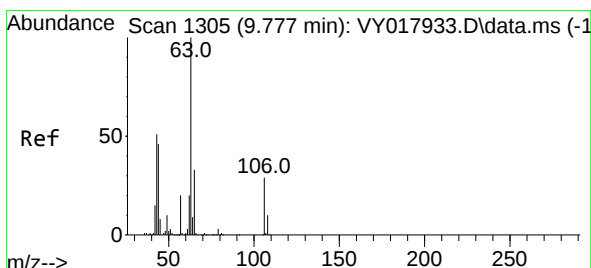
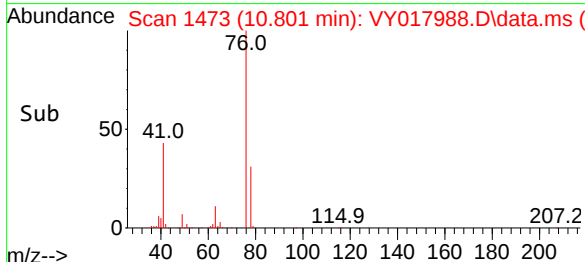
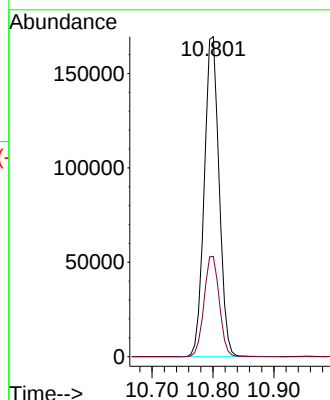
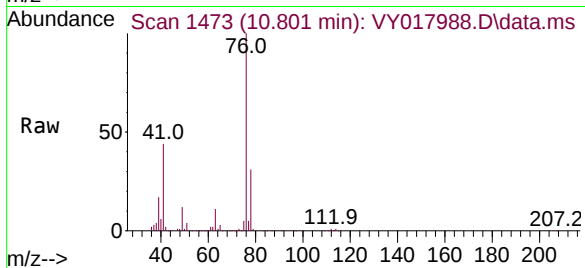
VSTDCCC050EC

Tgt Ion: 76 Resp: 286790

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 246.91 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY017988.D

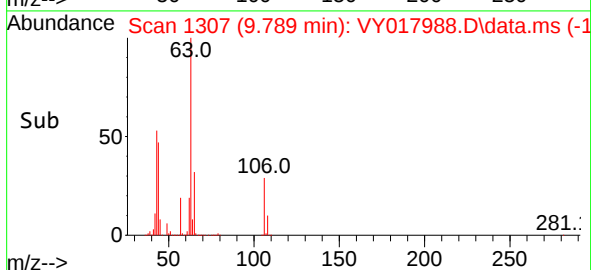
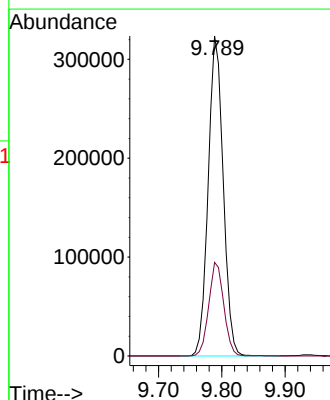
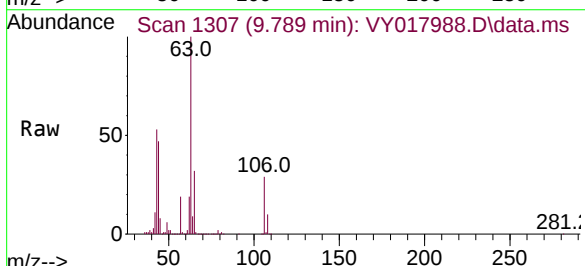
Acq: 18 Apr 2024 20:00

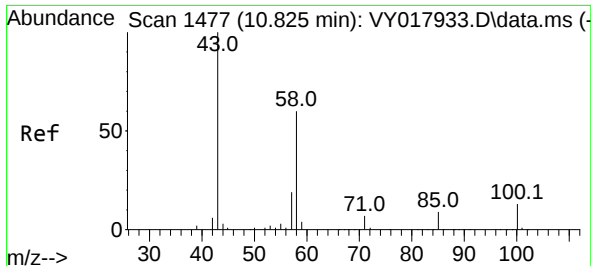
Tgt Ion: 63 Resp: 533783

Ion Ratio Lower Upper

63 100

106 29.3 23.7 35.5

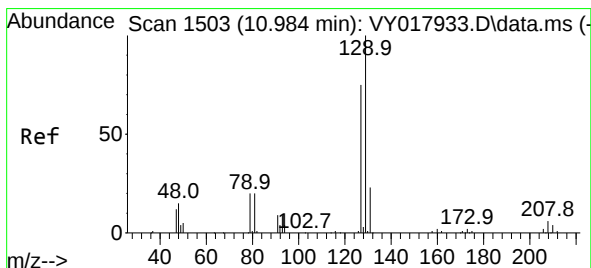
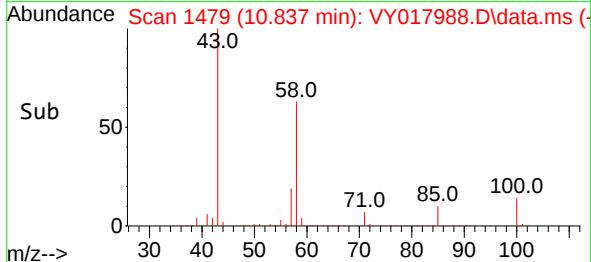
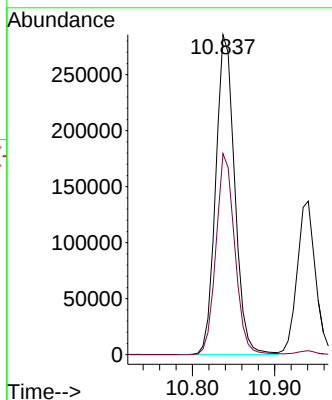
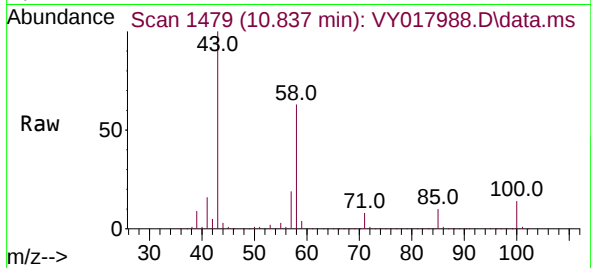




#59
2-Hexanone
Concen: 280.43 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

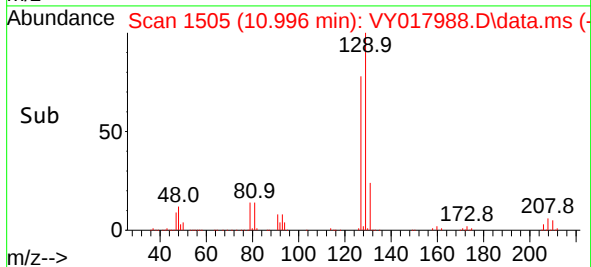
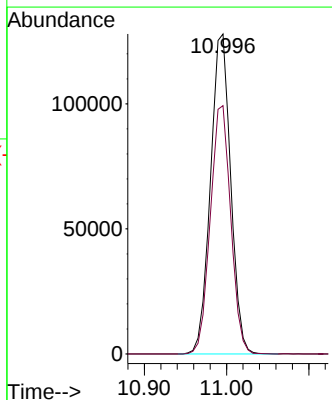
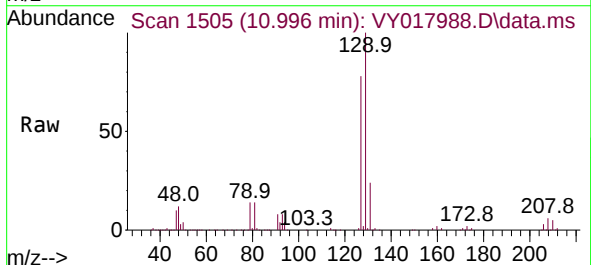
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

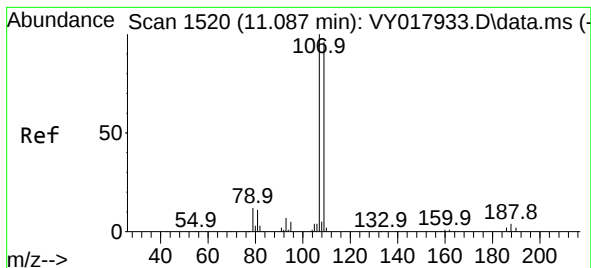
Tgt Ion: 43 Resp: 457952
Ion Ratio Lower Upper
43 100
58 62.3 31.4 94.0



#60
Dibromochloromethane
Concen: 53.24 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.012 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 129 Resp: 218292
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.39 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

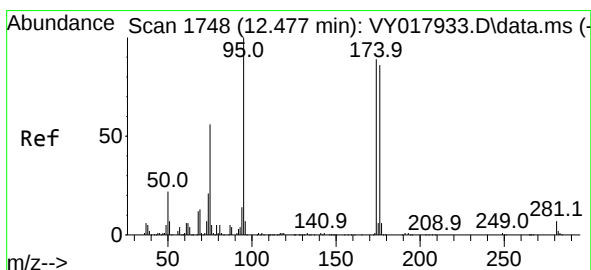
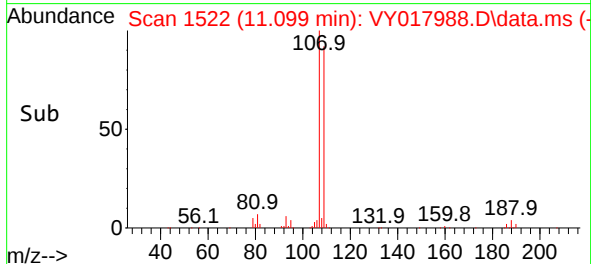
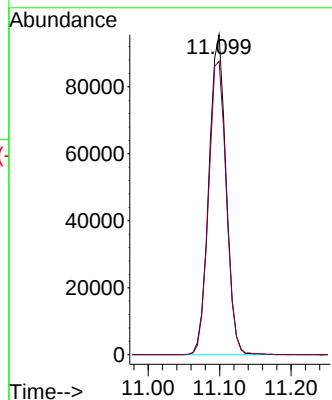
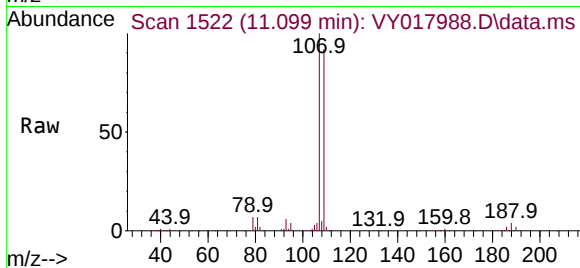
VSTDCCC050EC

Tgt Ion:107 Resp: 158743

Ion Ratio Lower Upper

107 100

109 95.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.63 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

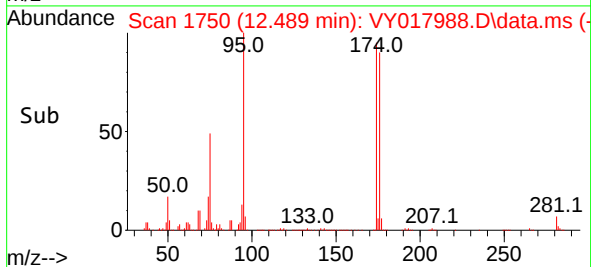
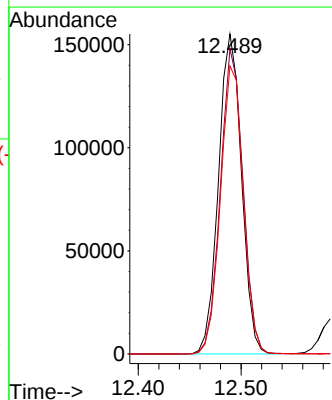
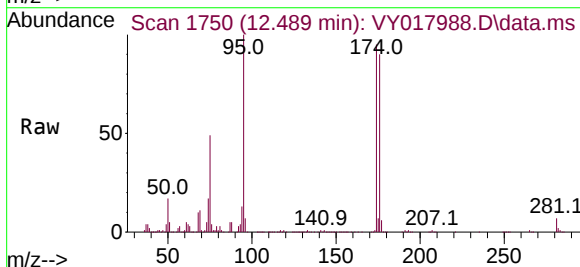
Tgt Ion: 95 Resp: 240751

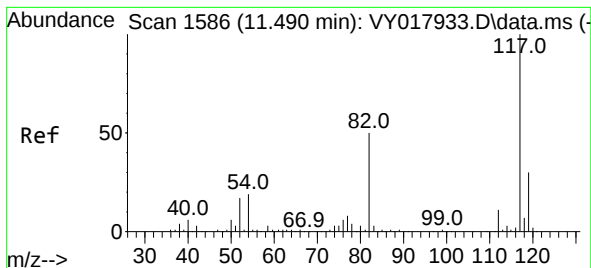
Ion Ratio Lower Upper

95 100

174 93.7 0.0 175.6

176 89.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

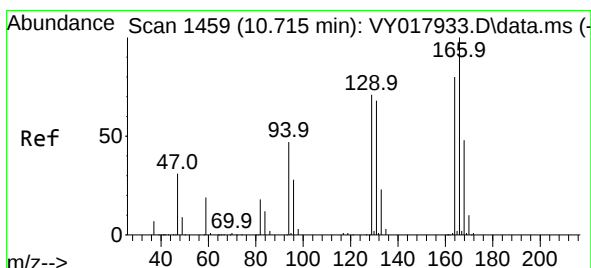
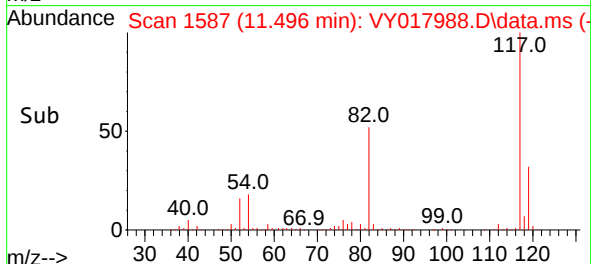
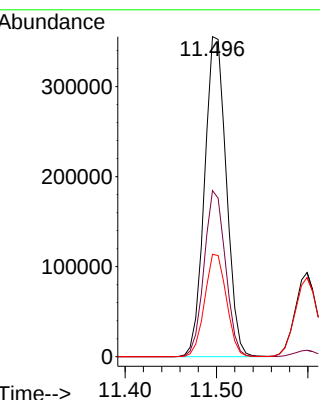
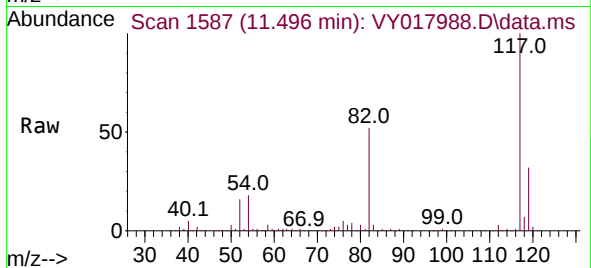
Tgt Ion:117 Resp: 588911

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 49.81 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Tgt Ion:164 Resp: 210119

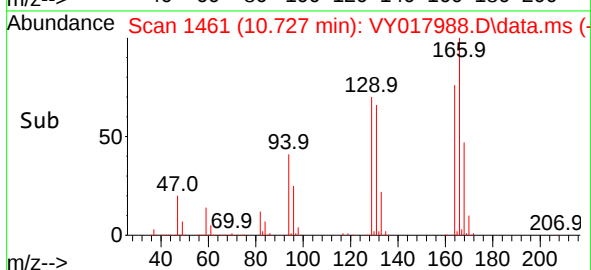
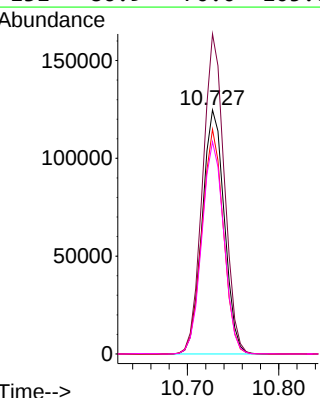
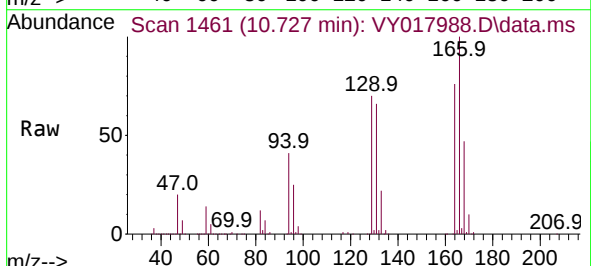
Ion Ratio Lower Upper

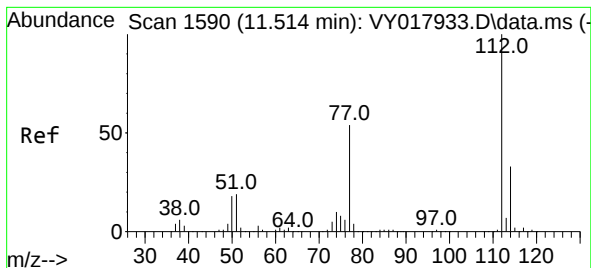
164 100

166 131.1 102.6 154.0

129 92.0 72.0 108.0

131 86.9 70.0 105.0





#65

Chlorobenzene

Concen: 50.54 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

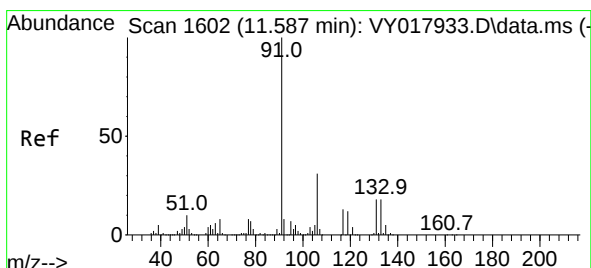
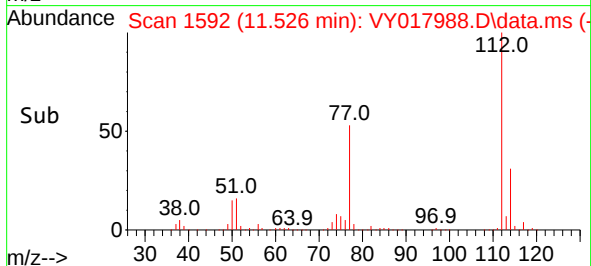
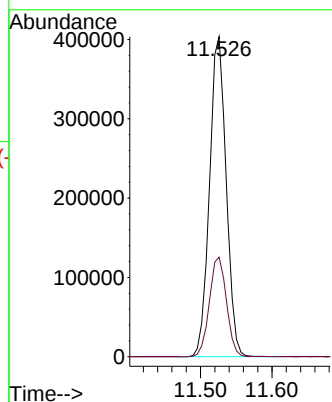
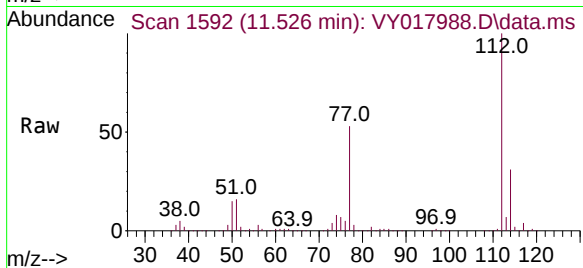
VSTDCCC050EC

Tgt Ion:112 Resp: 652374

Ion Ratio Lower Upper

112 100

114 31.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.41 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

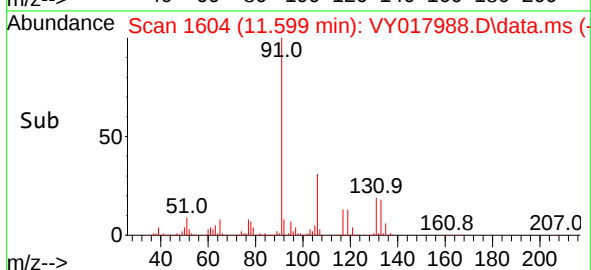
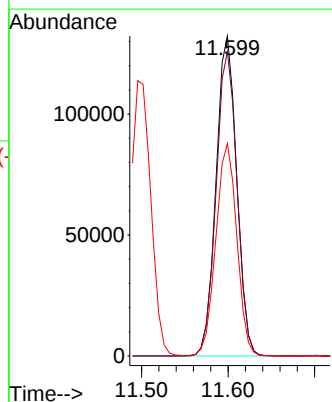
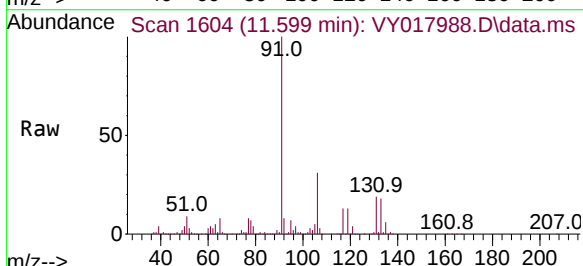
Tgt Ion:131 Resp: 218816

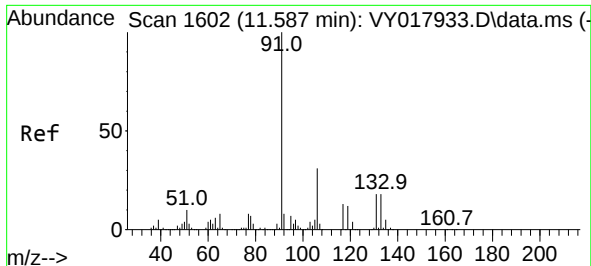
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 67.4 34.1 102.2

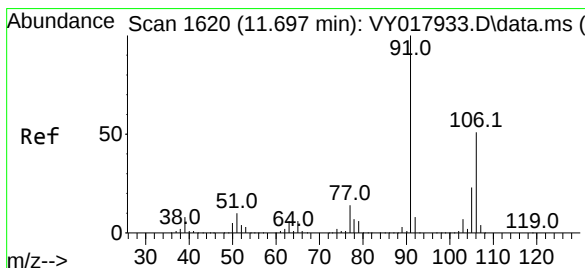
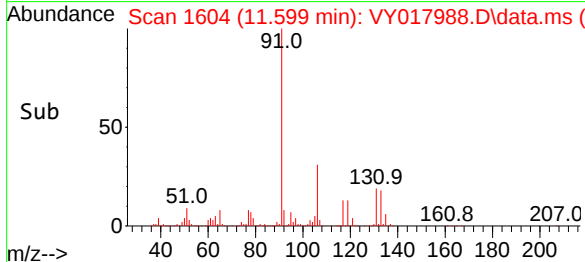
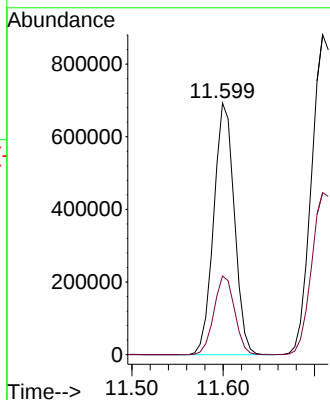
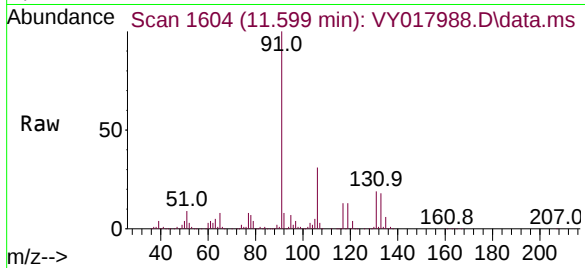




#67
Ethyl Benzene
Concen: 50.03 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

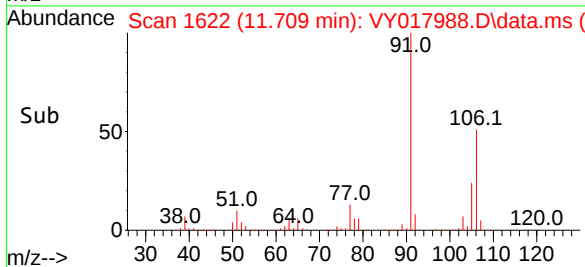
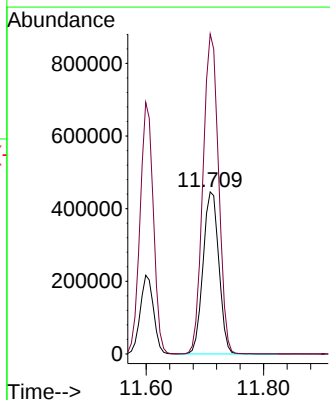
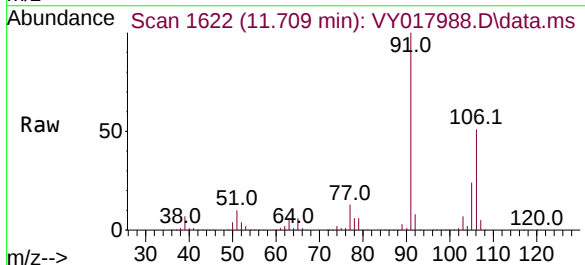
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

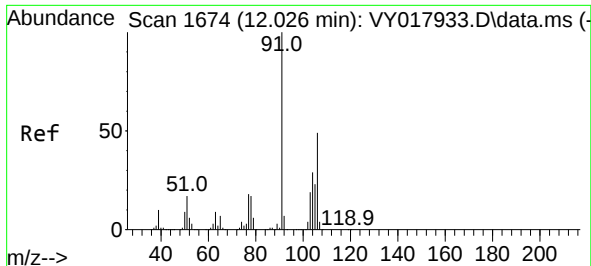
Tgt Ion: 91 Resp: 1087225
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 99.84 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion:106 Resp: 833396
Ion Ratio Lower Upper
106 100
91 195.2 156.0 234.0

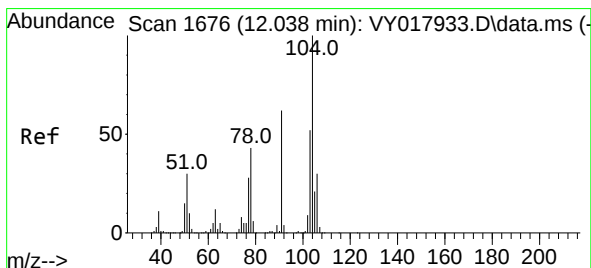
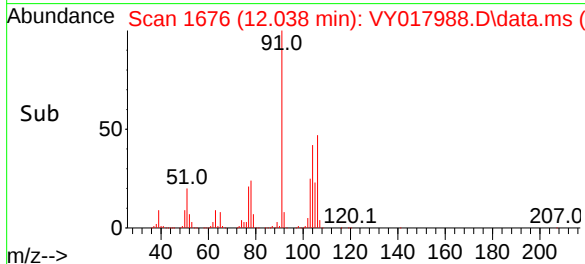
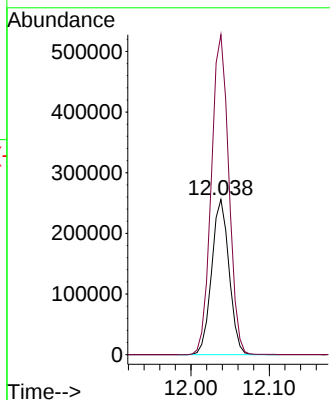
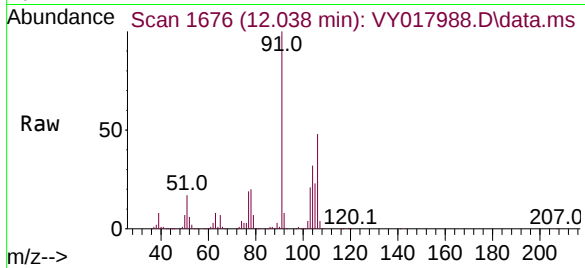




#69
o-Xylene
Concen: 50.70 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

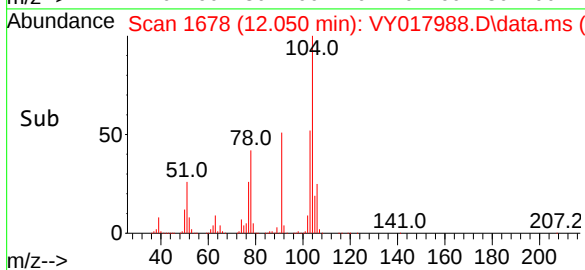
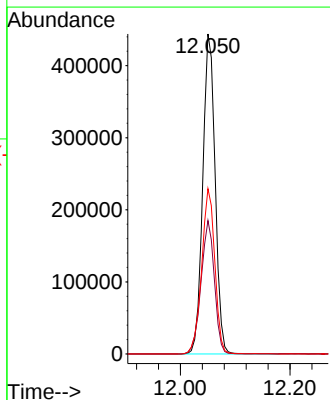
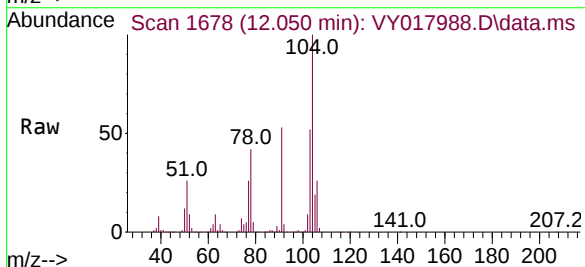
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

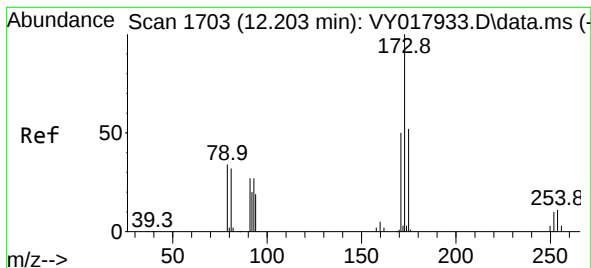
Tgt Ion:106 Resp: 395217
Ion Ratio Lower Upper
106 100
91 207.4 103.6 310.8



#70
Styrene
Concen: 52.69 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion:104 Resp: 694213
Ion Ratio Lower Upper
104 100
78 44.9 37.0 55.4
103 54.9 44.2 66.2





#71

Bromoform

Concen: 53.55 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

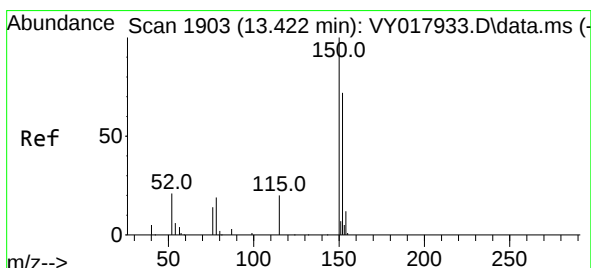
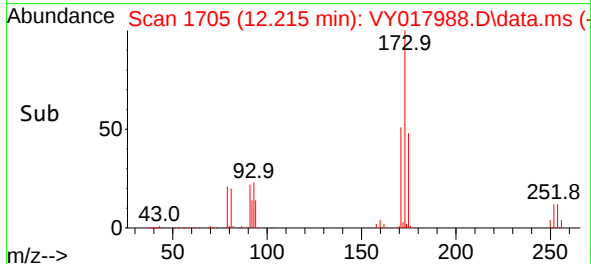
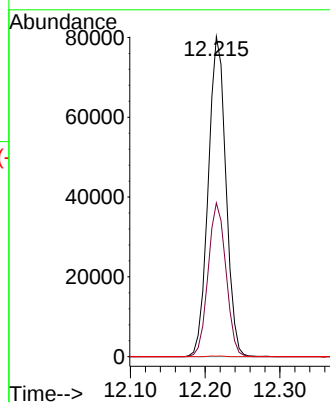
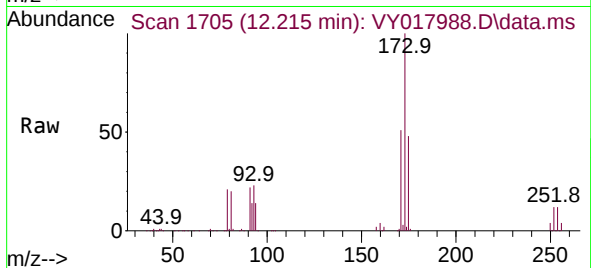
Tgt Ion:173 Resp: 131683

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

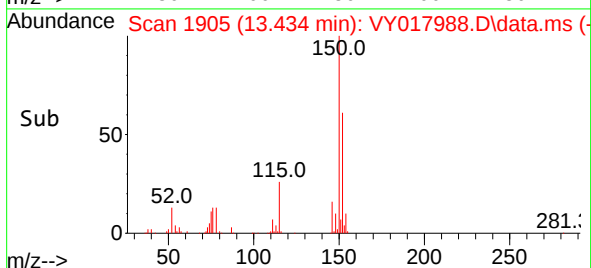
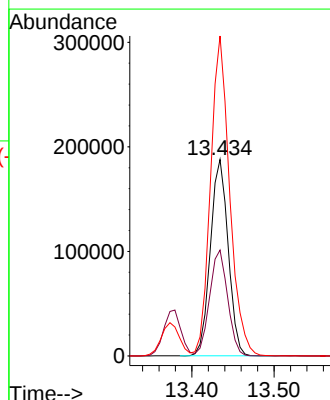
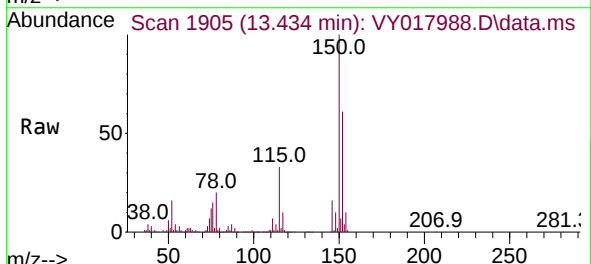
Tgt Ion:152 Resp: 282693

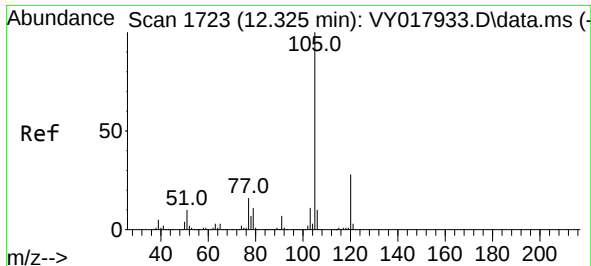
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 175.2 0.0 345.6

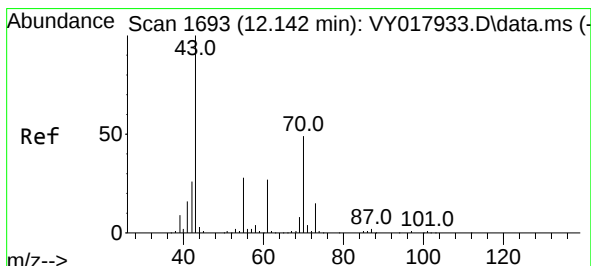
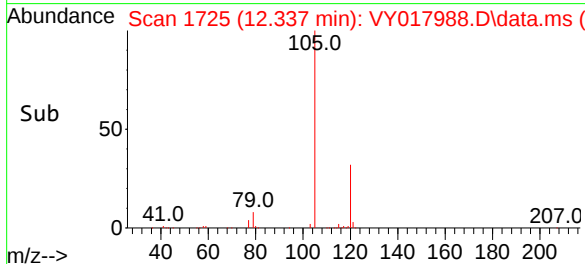
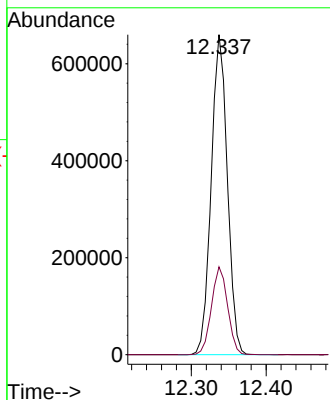
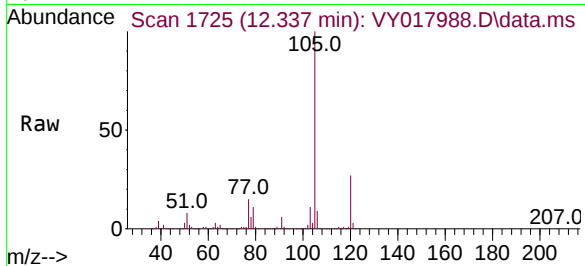




#73
Isopropylbenzene
Concen: 48.22 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

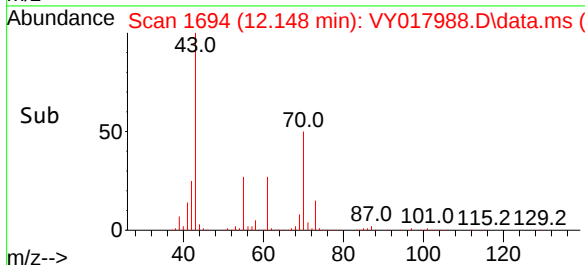
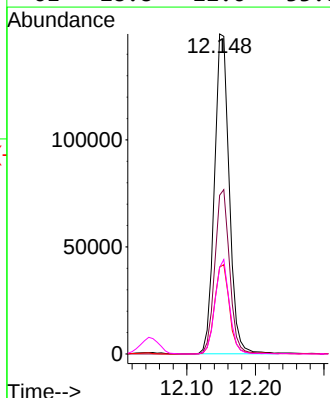
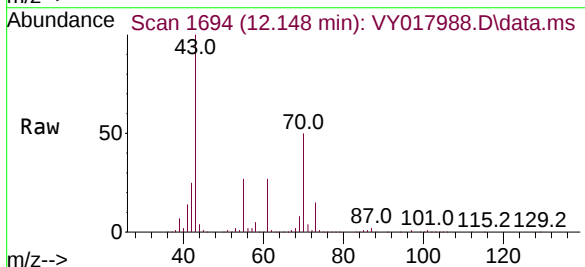
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

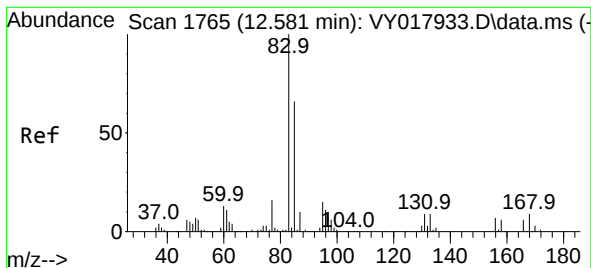
Tgt Ion:105 Resp: 993230
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#74
N-ethyl acetate
Concen: 53.75 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 43 Resp: 223488
Ion Ratio Lower Upper
43 100
70 51.6 41.4 62.2
55 28.1 23.3 34.9
61 28.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.46 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

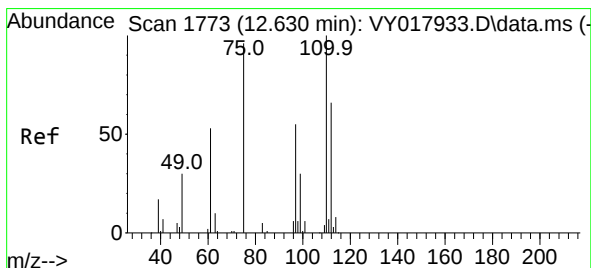
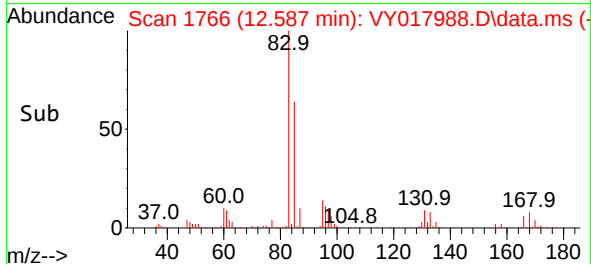
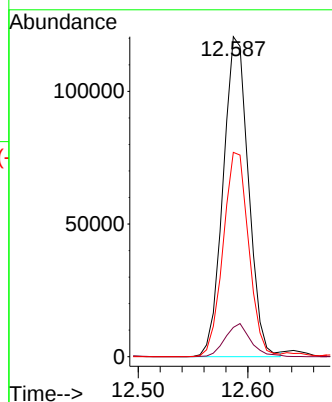
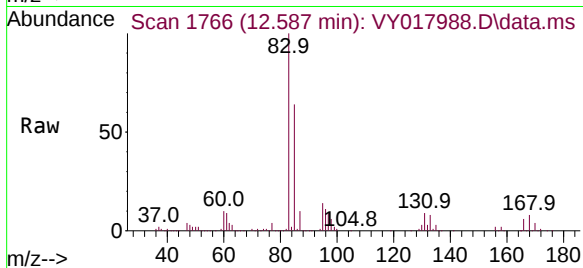
Tgt Ion: 83 Resp: 193849

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 89.07 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017988.D

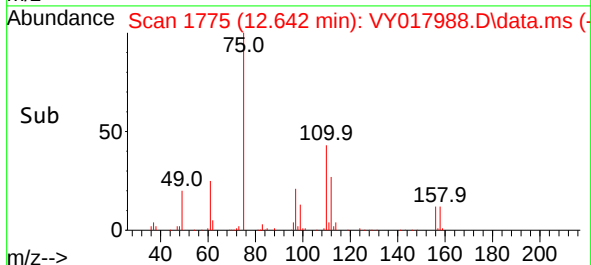
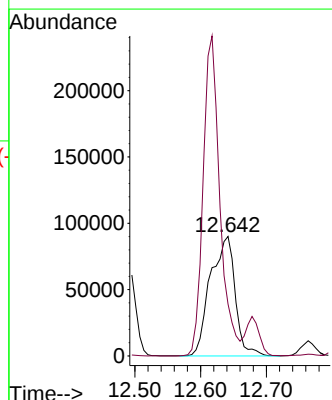
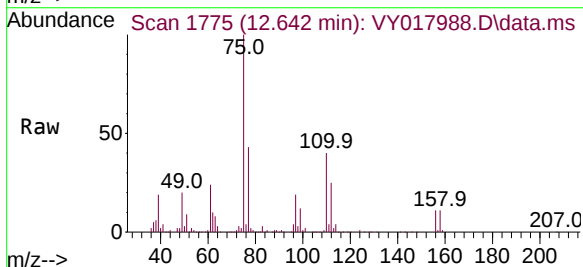
Acq: 18 Apr 2024 20:00

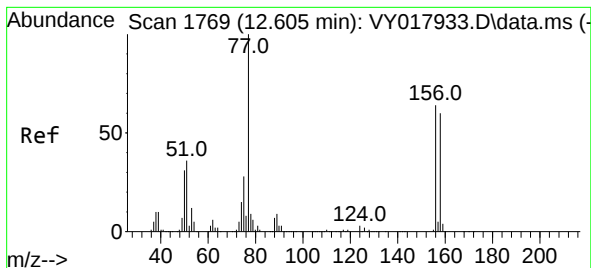
Tgt Ion: 75 Resp: 236271

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.58 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

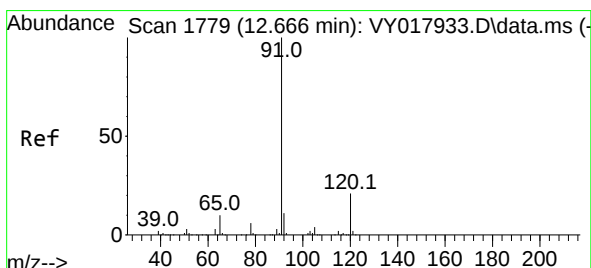
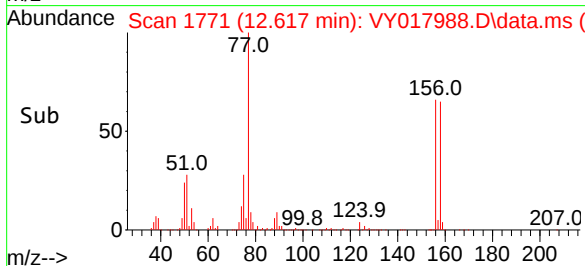
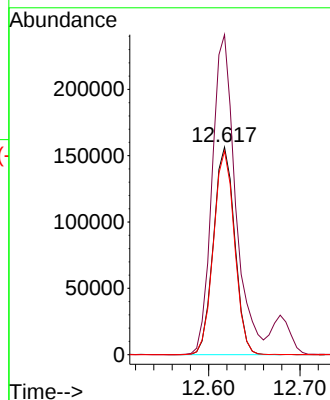
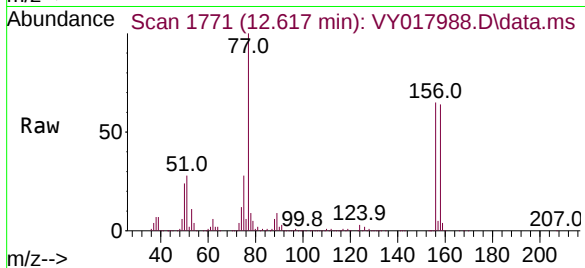
Tgt Ion:156 Resp: 252147

Ion Ratio Lower Upper

156 100

77 170.0 87.1 261.3

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 47.77 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017988.D

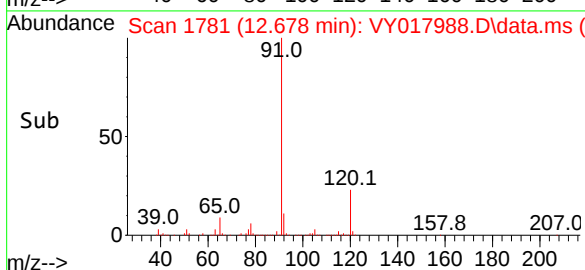
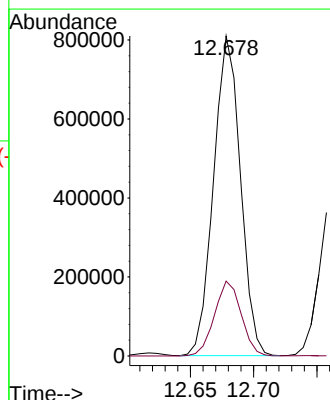
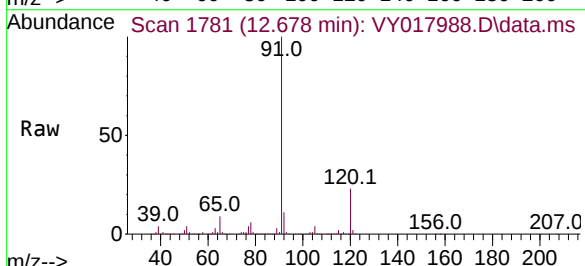
Acq: 18 Apr 2024 20:00

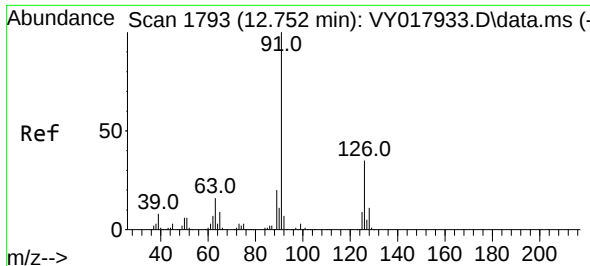
Tgt Ion: 91 Resp: 1194002

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

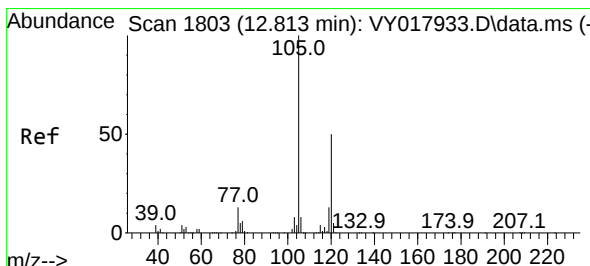
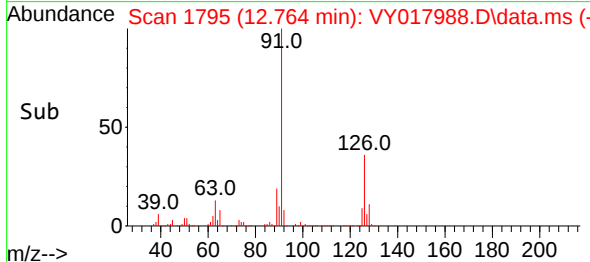
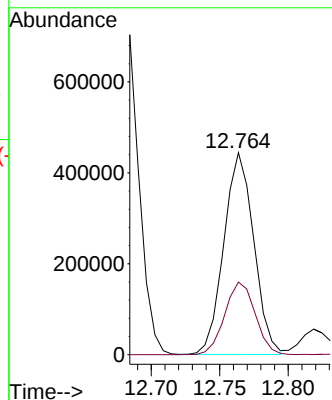
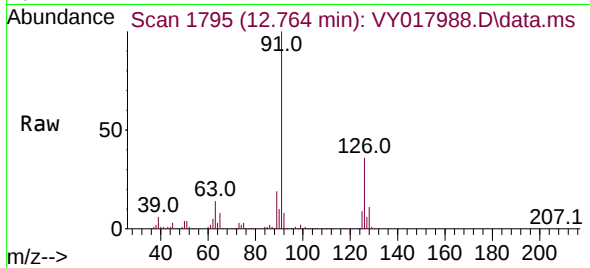




#79
2-Chlorotoluene
Concen: 48.25 ug/l
RT: 12.764 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

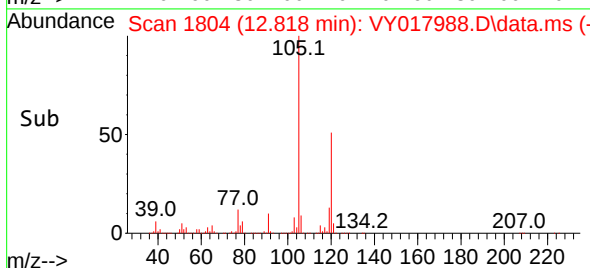
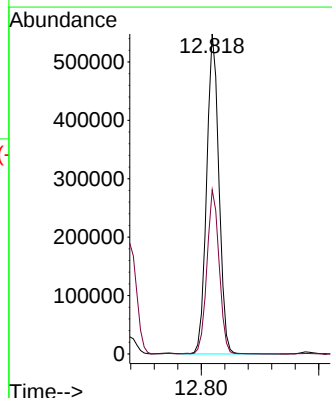
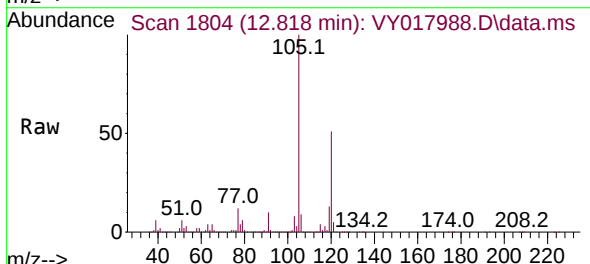
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

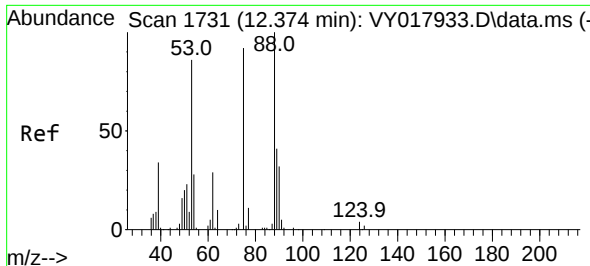
Tgt Ion: 91 Resp: 674952
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.52 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 105 Resp: 792508
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2

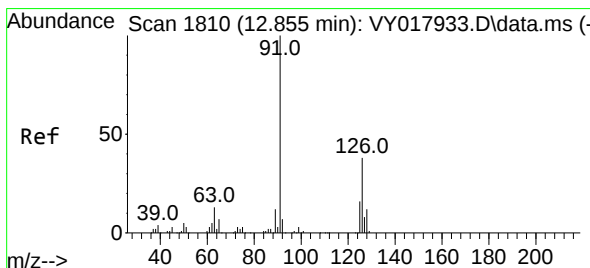
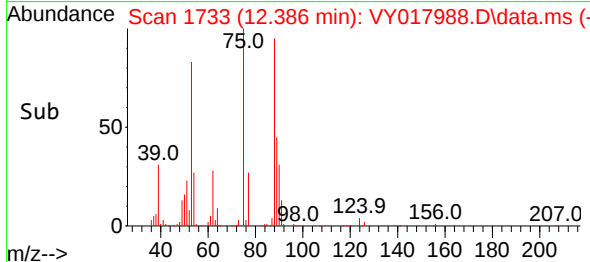
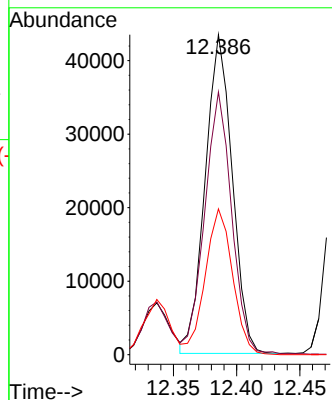
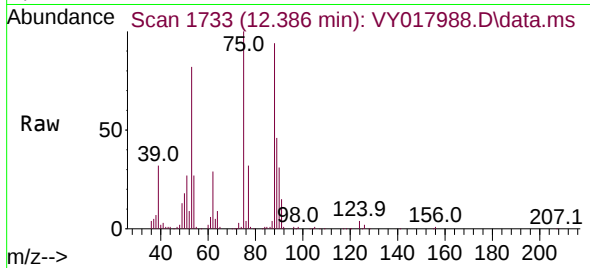




#81
trans-1,4-Dichloro-2-butene
Concen: 50.13 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

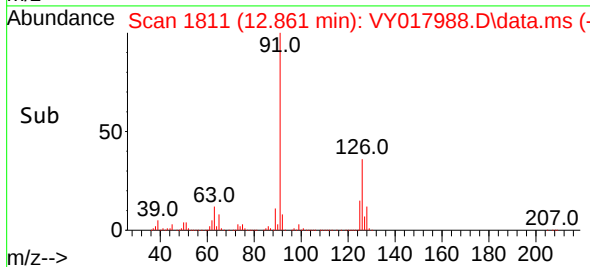
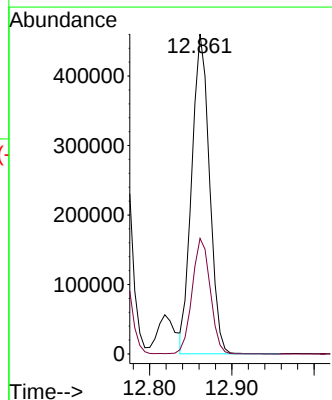
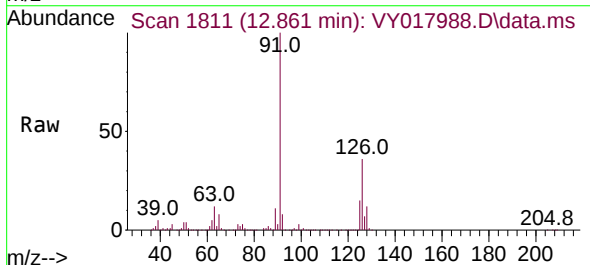
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

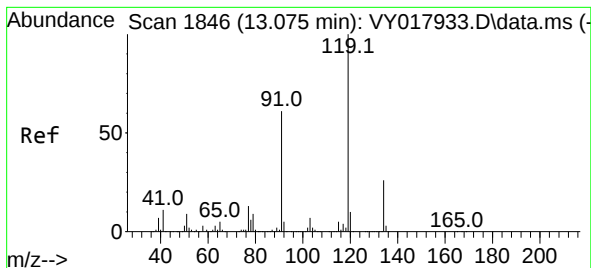
Tgt Ion: 75 Resp: 64501
Ion Ratio Lower Upper
75 100
53 82.5 66.8 100.2
89 46.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.49 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017988.D
Acq: 18 Apr 2024 20:00

Tgt Ion: 91 Resp: 688088
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 47.71 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

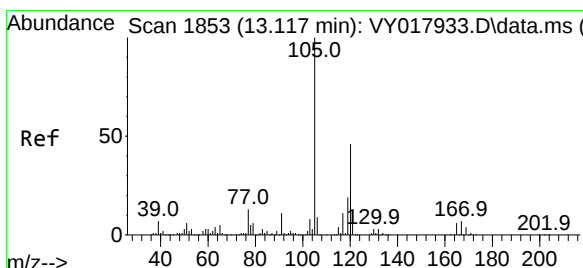
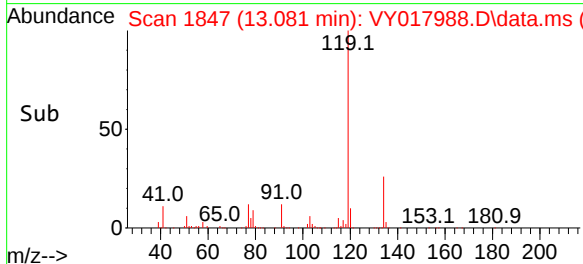
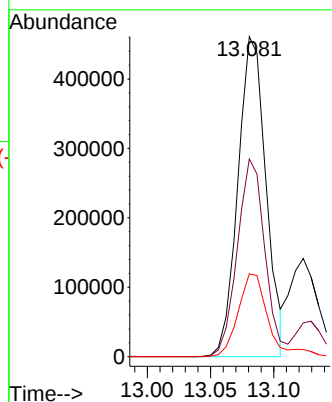
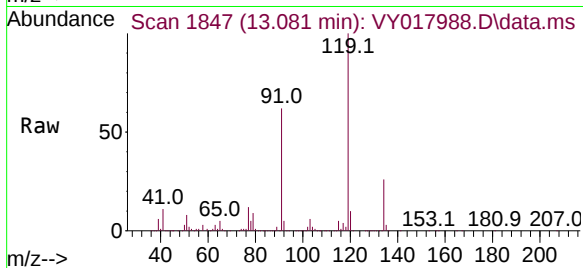
Tgt Ion:119 Resp: 711705

Ion Ratio Lower Upper

119 100

91 60.9 31.3 93.8

134 27.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.10 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.012 min

Lab File: VY017988.D

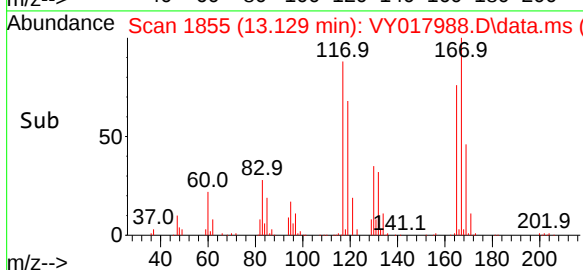
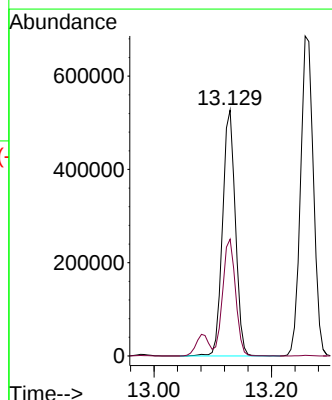
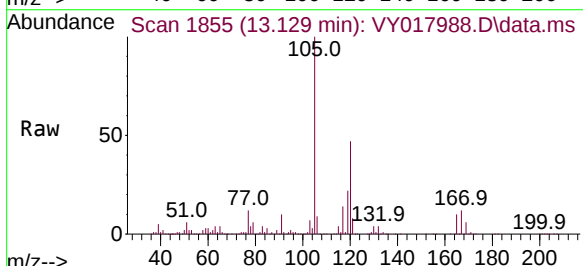
Acq: 18 Apr 2024 20:00

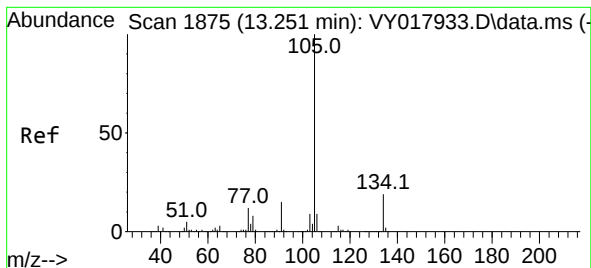
Tgt Ion:105 Resp: 798611

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 46.49 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

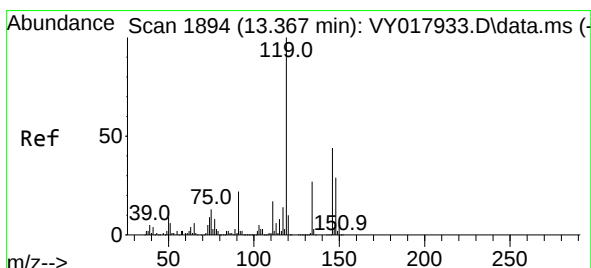
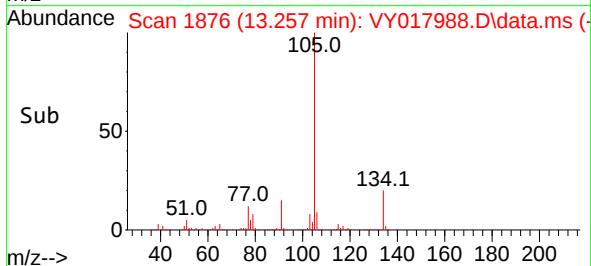
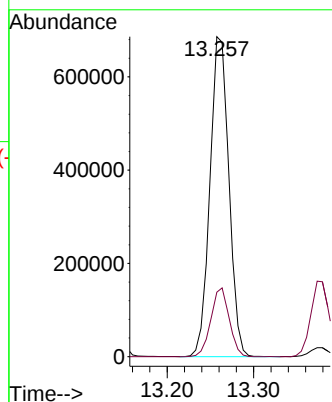
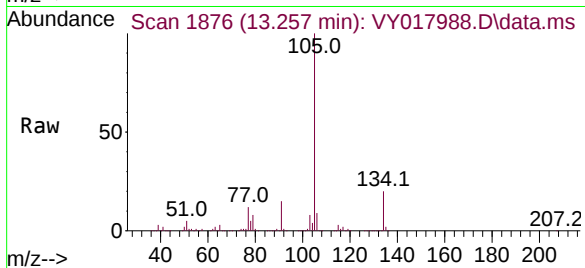
VSTDCCC050EC

Tgt Ion:105 Resp: 1041779

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 47.42 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

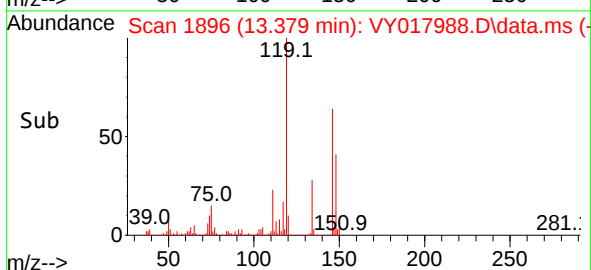
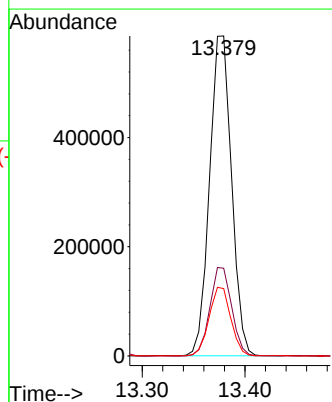
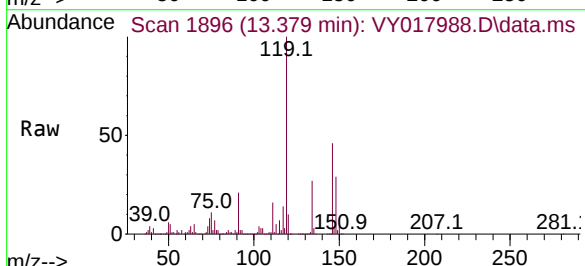
Tgt Ion:119 Resp: 873112

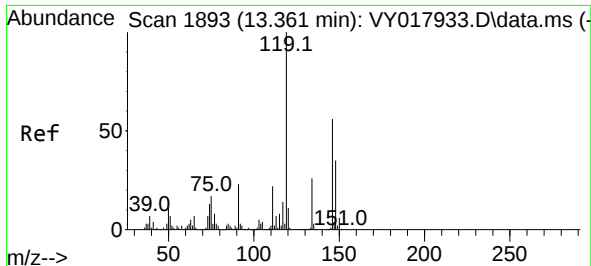
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.33 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

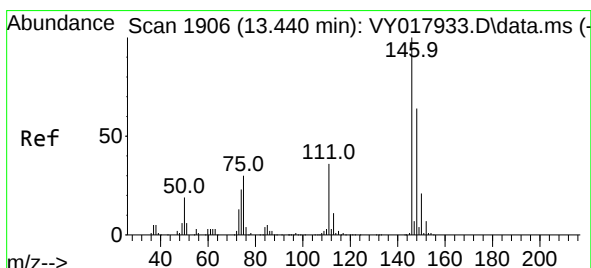
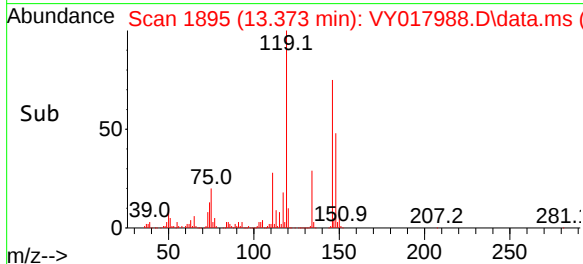
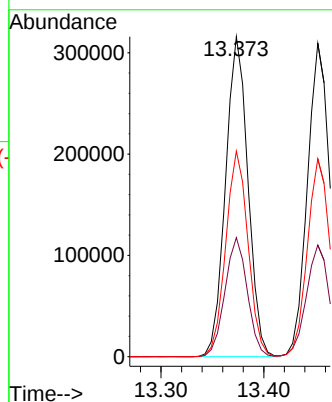
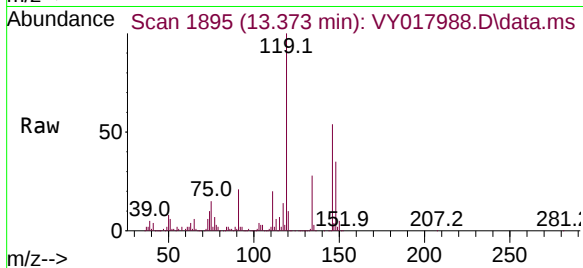
Tgt Ion:146 Resp: 478002

Ion Ratio Lower Upper

146 100

111 37.1 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.30 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

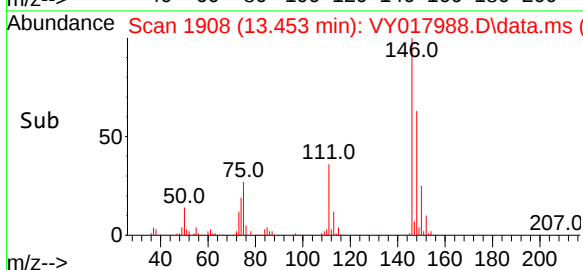
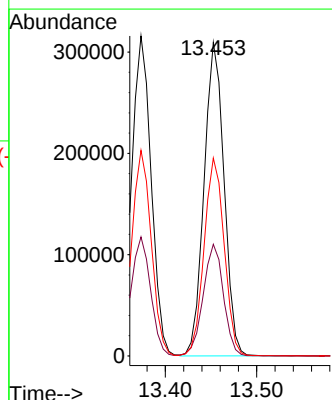
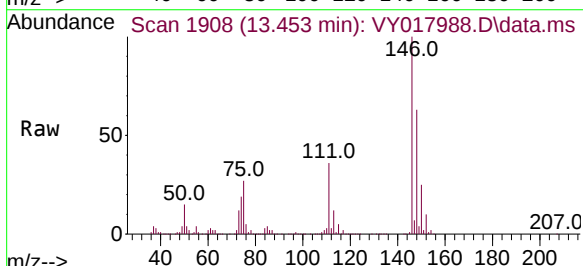
Tgt Ion:146 Resp: 468998

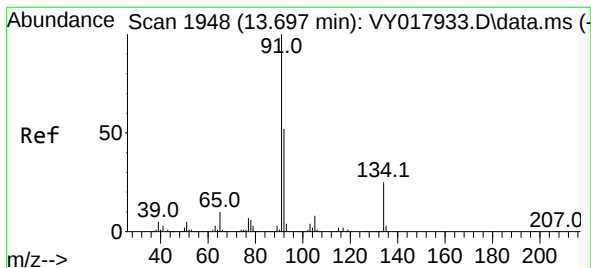
Ion Ratio Lower Upper

146 100

111 36.2 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 45.82 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

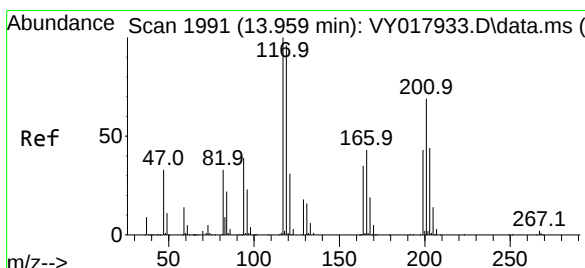
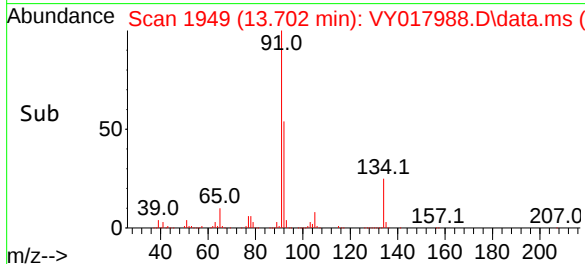
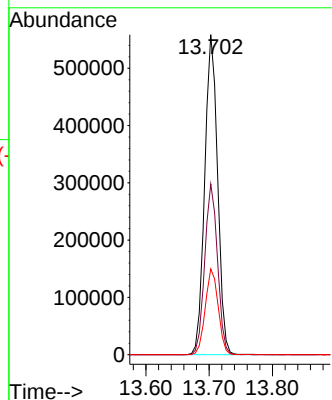
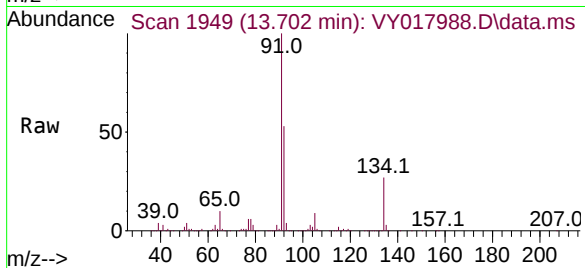
Tgt Ion: 91 Resp: 793608

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 47.17 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY017988.D

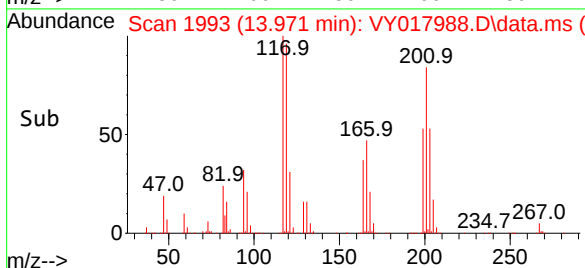
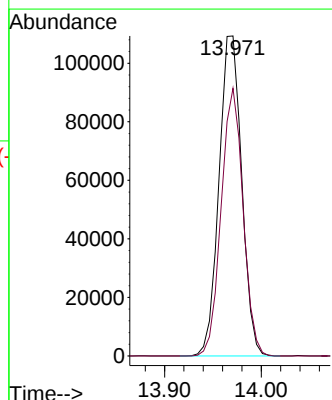
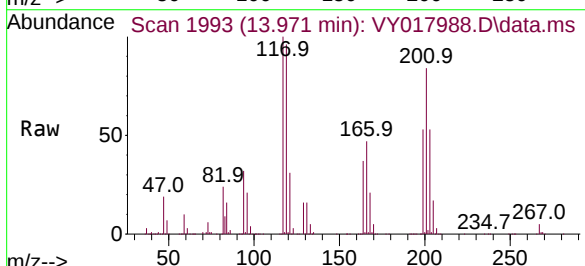
Acq: 18 Apr 2024 20:00

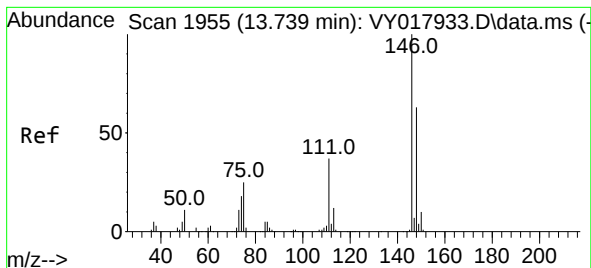
Tgt Ion: 117 Resp: 178108

Ion Ratio Lower Upper

117 100

201 80.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.11 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

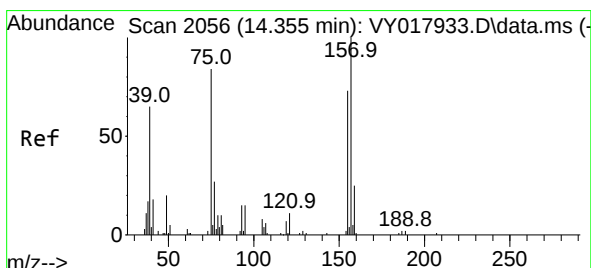
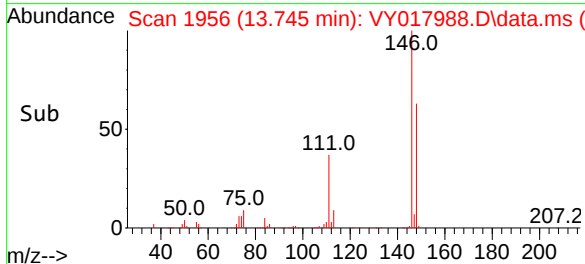
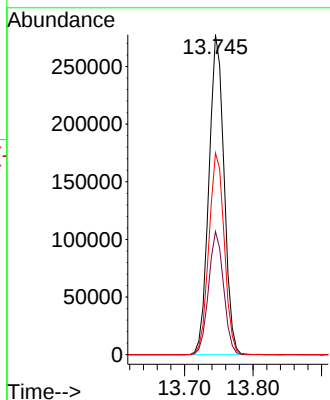
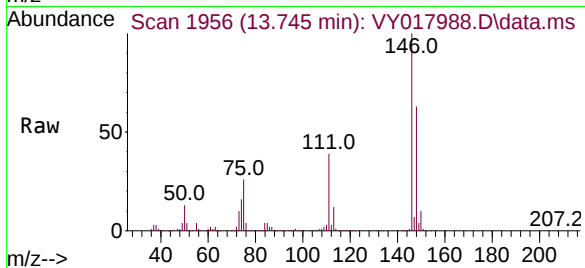
Tgt Ion:146 Resp: 427560

Ion Ratio Lower Upper

146 100

111 38.2 19.9 59.7

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.47 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

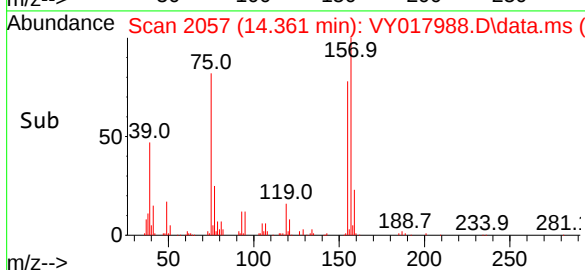
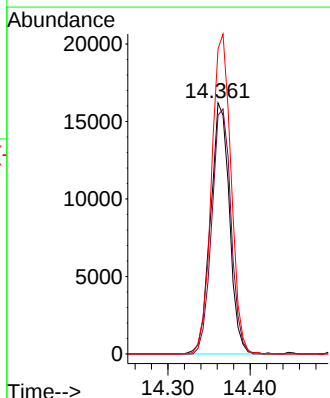
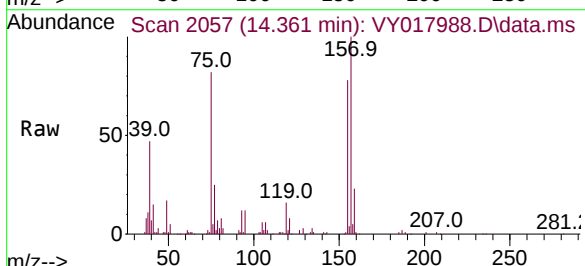
Tgt Ion: 75 Resp: 25927

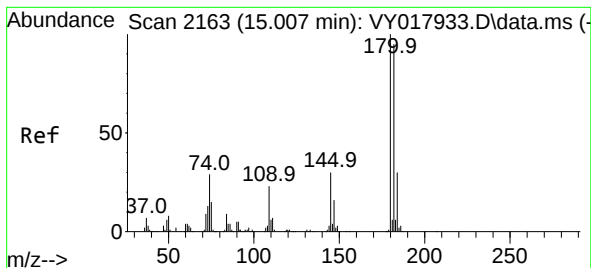
Ion Ratio Lower Upper

75 100

155 98.8 48.6 145.8

157 130.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.41 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

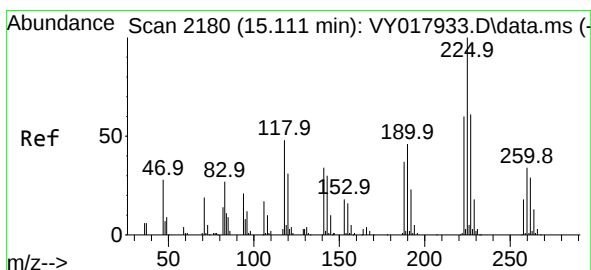
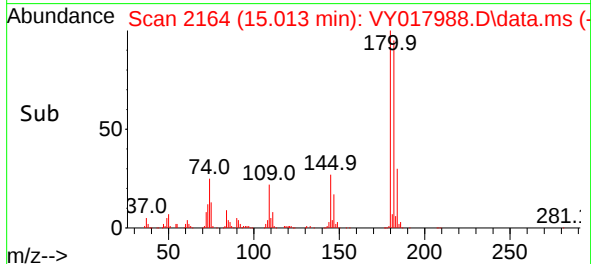
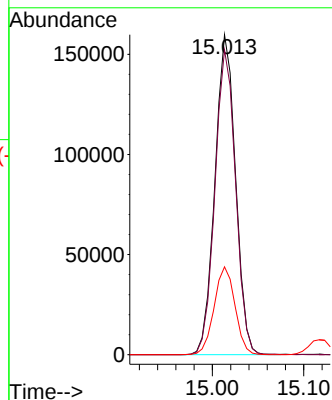
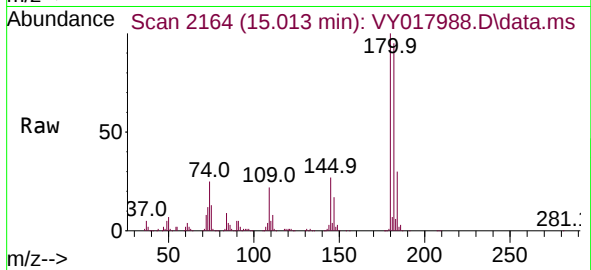
Tgt Ion:180 Resp: 250472

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 27.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.59 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

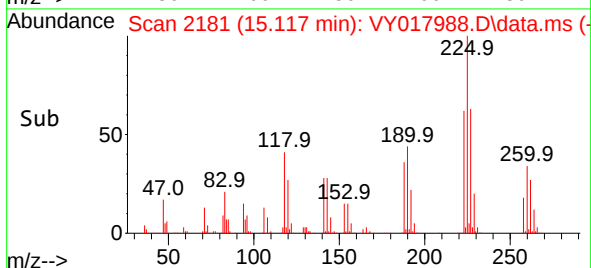
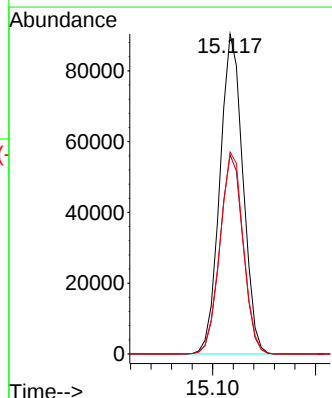
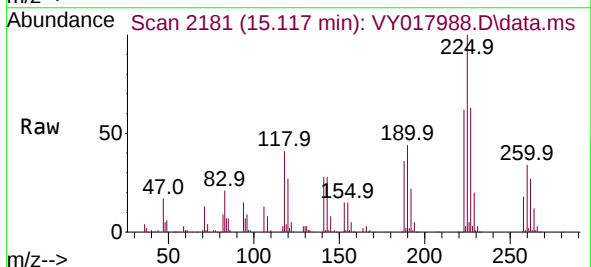
Tgt Ion:225 Resp: 140287

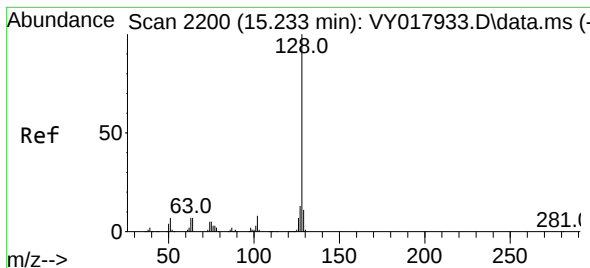
Ion Ratio Lower Upper

225 100

223 62.6 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 56.62 ug/l

RT: 15.245 min Scan# 2200

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

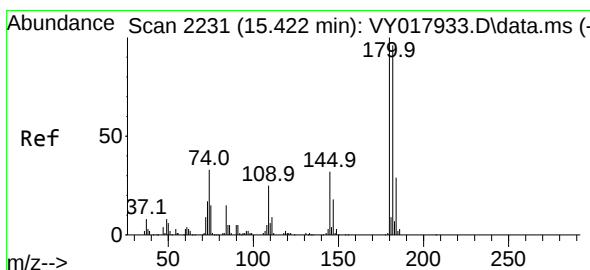
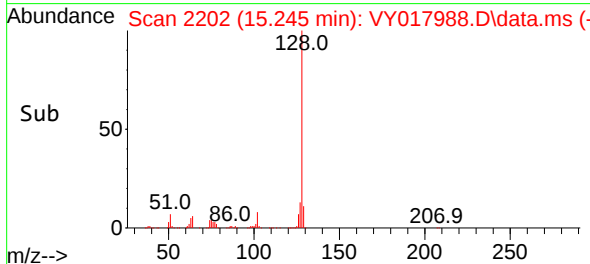
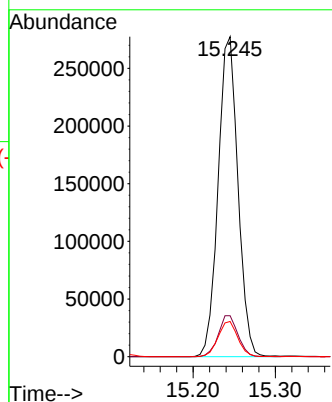
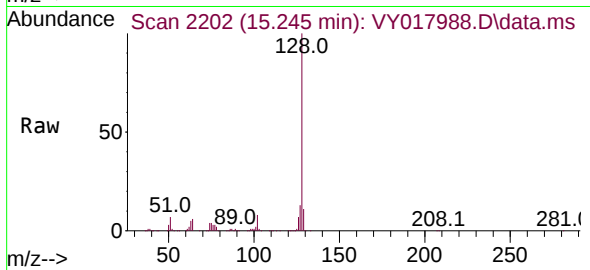
Tgt Ion:128 Resp: 463664

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.17 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.012 min

Lab File: VY017988.D

Acq: 18 Apr 2024 20:00

Tgt Ion:180 Resp: 217532

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

145 30.4 15.4 46.1

