

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009996.D
 Acq On : 12 Aug 2022 19:12
 Operator : KP/MD
 Sample : N4143-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26414

Quant Time: Aug 13 02:57:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

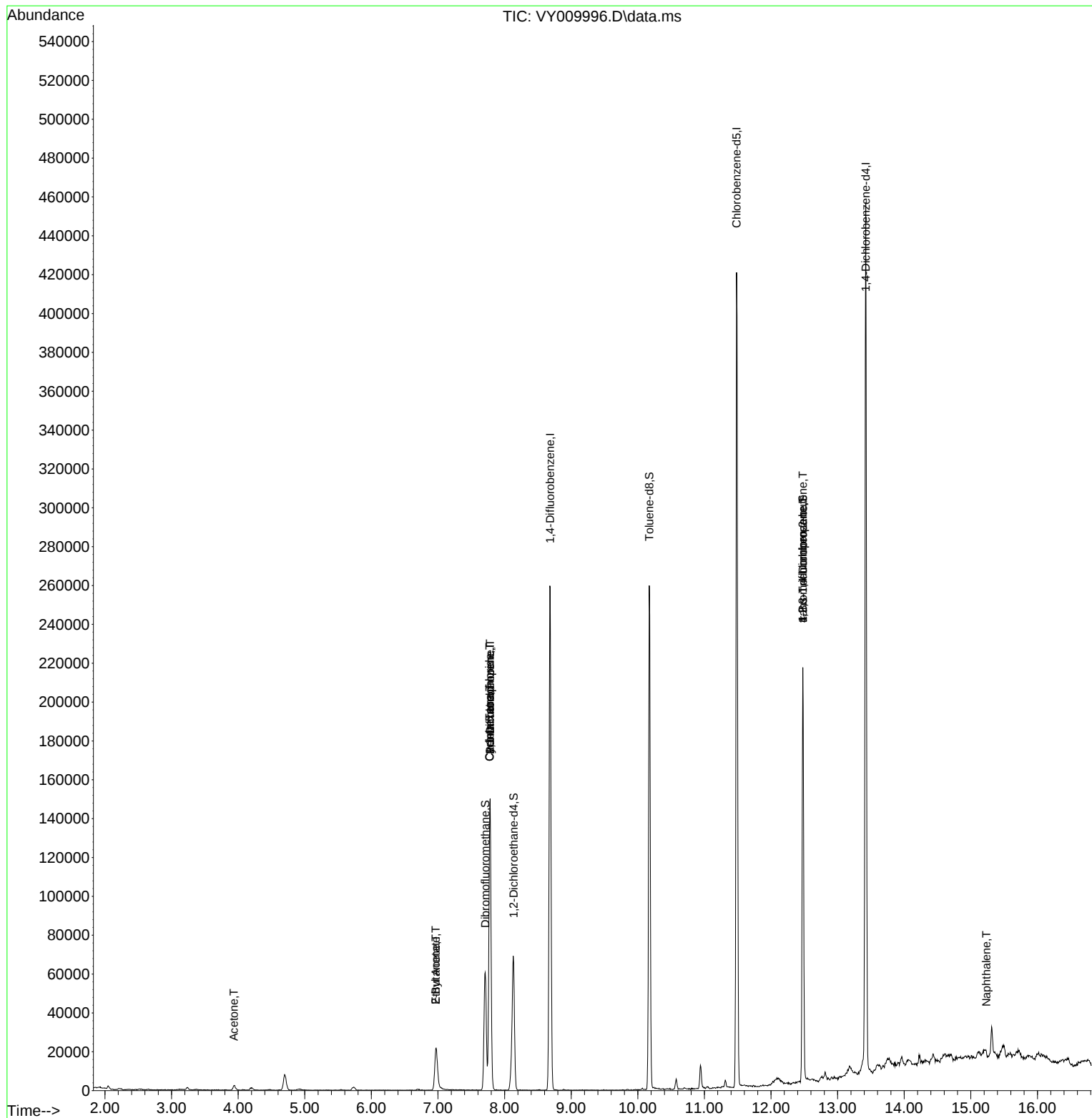
Internal Standards						
1) Pentafluorobenzene	7.783	168	114858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	231172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	235176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47011	40.348	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.700%		
35) Dibromofluoromethane	7.710	113	47299	33.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	66.860%		
50) Toluene-d8	10.173	98	173582	32.019	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	64.040%		
62) 4-Bromofluorobenzene	12.477	95	69445	34.962	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	69.920%		
Target Compounds						Qvalue
5) Bromomethane	2.656	94	128	Below Cal		84
11) Tert butyl alcohol	4.917	59	420	Below Cal	#	78
16) Acetone	3.936	43	4206	15.031	ug/l #	87
18) Methyl Acetate	4.460	43	316	Below Cal	#	80
20) Methylene Chloride	4.704	84	6616	Below Cal	#	73
25) 2-Butanone	6.966	43	1286	2.962	ug/l #	81
31) Cyclohexane	7.777	56	2090	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9254	4.392	ug/l #	49
37) Ethyl Acetate	6.966	43	1286	1.131	ug/l #	1
38) Carbon Tetrachloride	7.777	117	11141	5.299	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	31939	24.247	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31939	52.709	ug/l #	14
95) Naphthalene	15.233	128	943	3.267	ug/l #	76

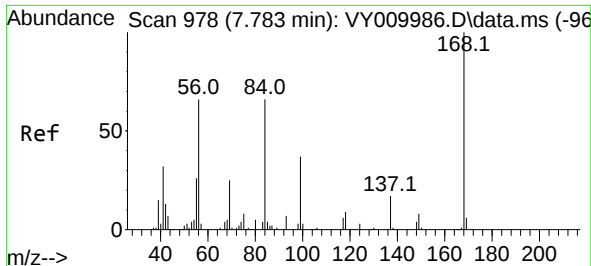
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
Data File : VY009996.D
Acq On : 12 Aug 2022 19:12
Operator : KP/MD
Sample : N4143-05
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

Quant Time: Aug 13 02:57:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration

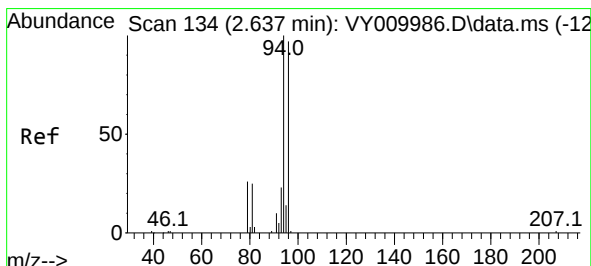
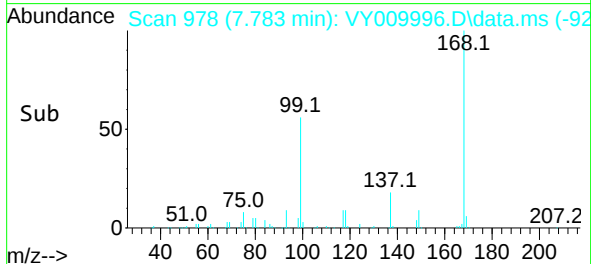
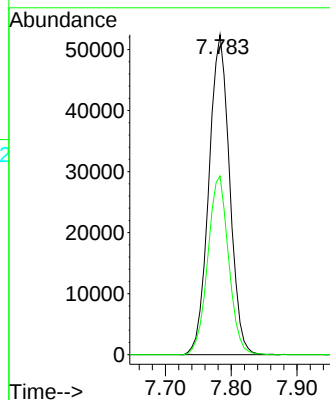
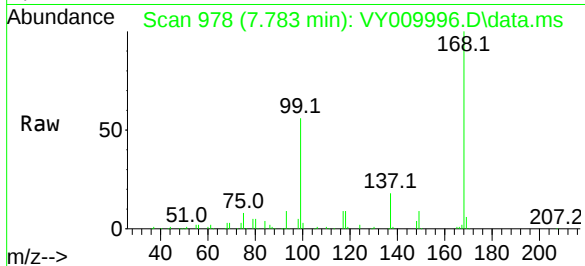




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

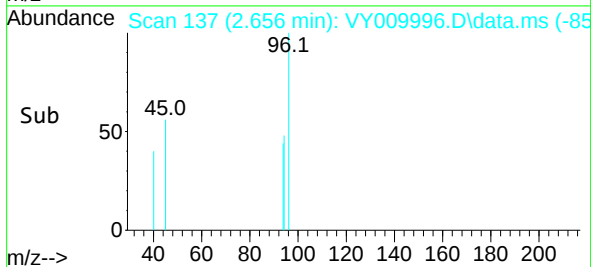
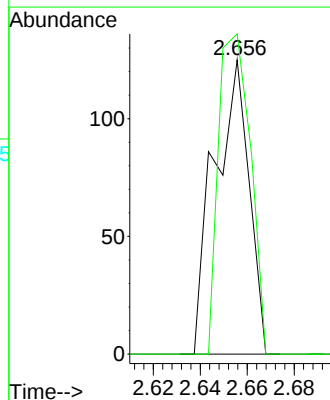
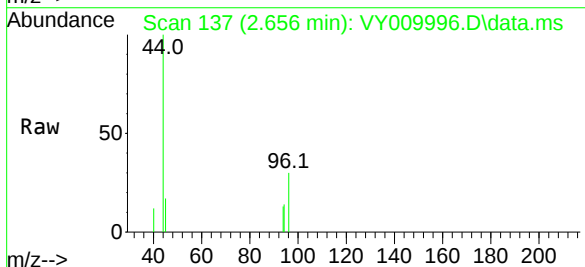
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

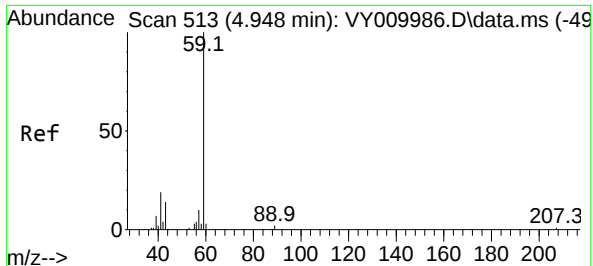
Tgt Ion:168 Resp: 114858
Ion Ratio Lower Upper
168 100
99 55.9 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
96 108.8 74.6 111.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.917 min Scan# 508

Delta R.T. -0.031 min

Lab File: VY009996.D

Acq: 12 Aug 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

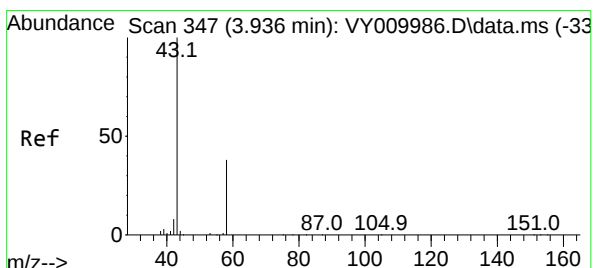
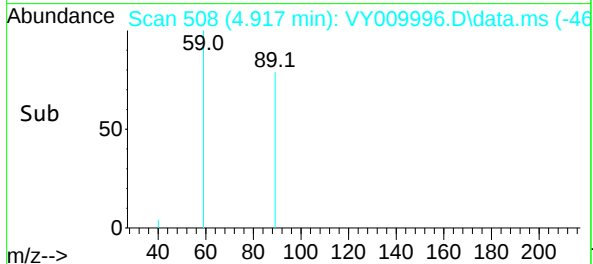
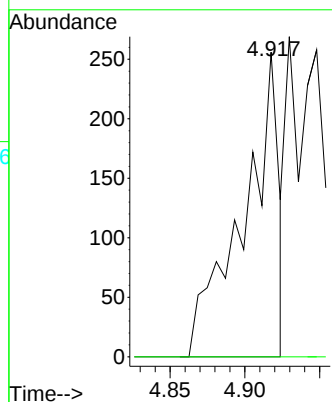
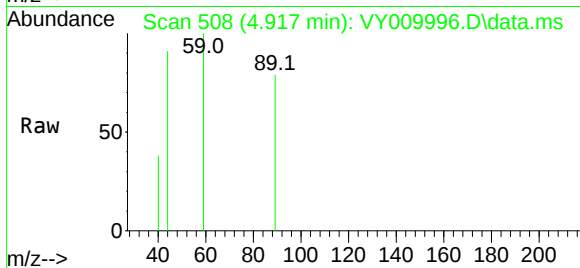
CHRT-26414

Tgt Ion: 59 Resp: 420

Ion Ratio Lower Upper

59 100

57 0.0 6.3 9.5#



#16

Acetone

Concen: 15.031 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY009996.D

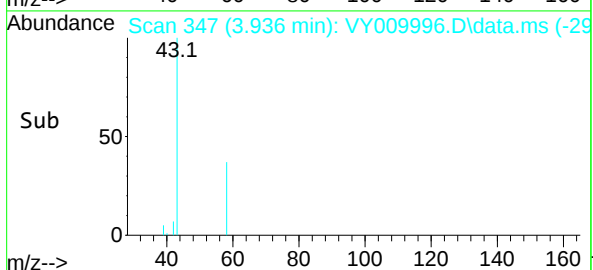
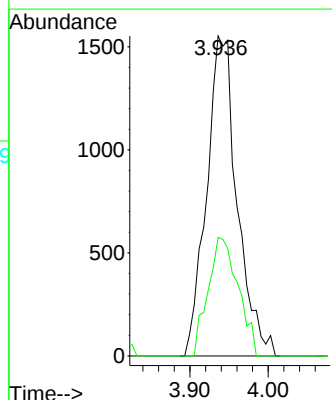
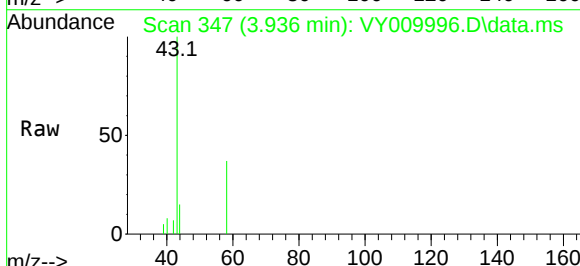
Acq: 12 Aug 2022 19:12

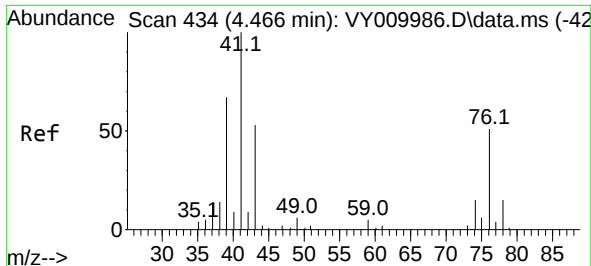
Tgt Ion: 43 Resp: 4206

Ion Ratio Lower Upper

43 100

58 37.0 24.0 36.0#

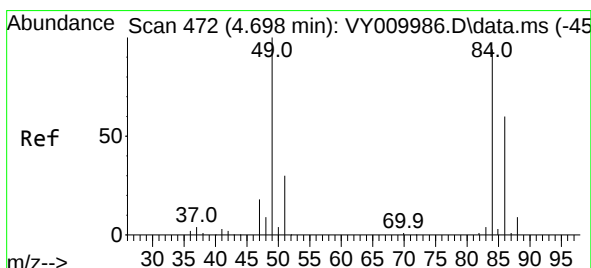
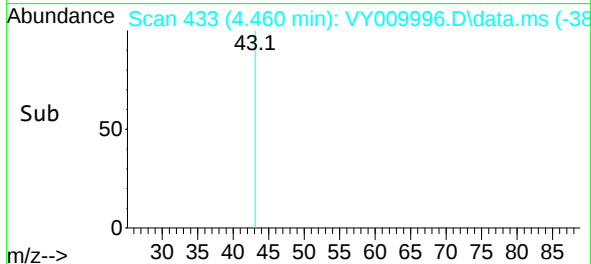
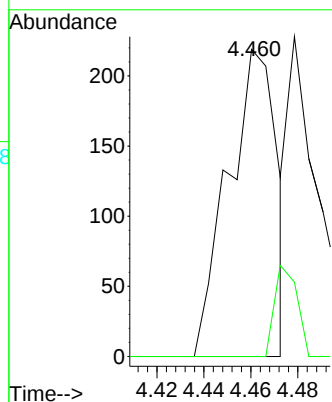
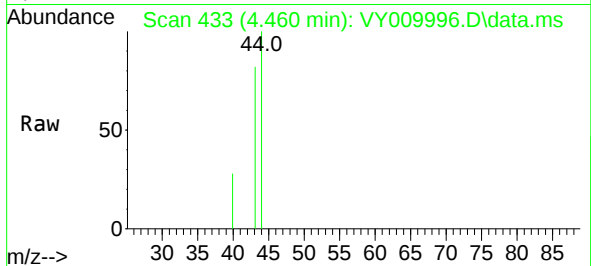




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

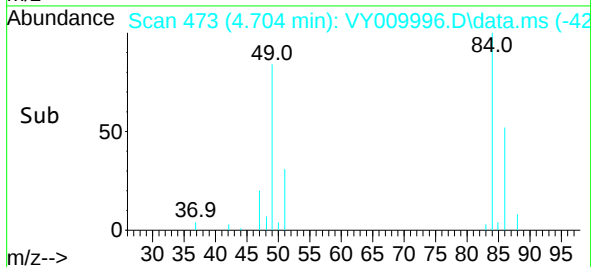
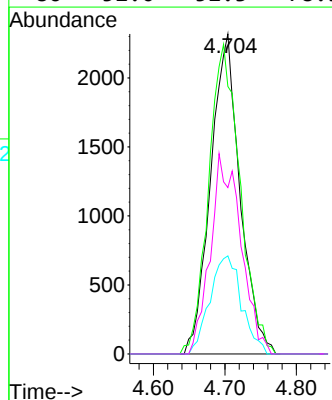
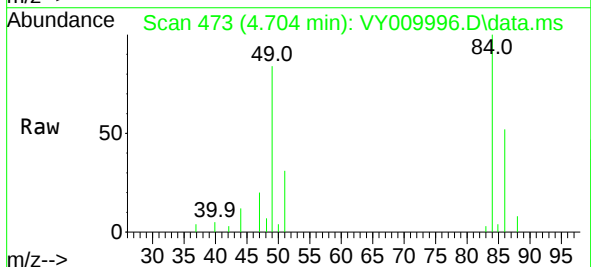
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

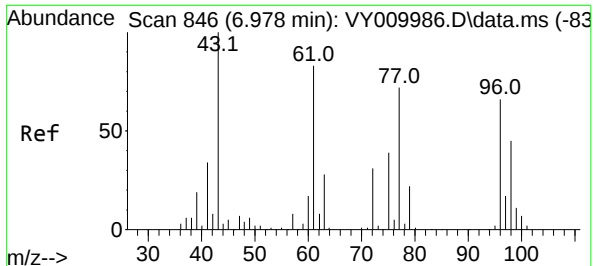
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
74 13.6 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

Tgt Ion: 84 Resp: 6616
Ion Ratio Lower Upper
84 100
49 83.6 98.2 147.4#
51 30.7 33.4 50.0#
86 52.0 52.3 78.5#





#25

2-Butanone

Concen: 2.962 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY009996.D

Acq: 12 Aug 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

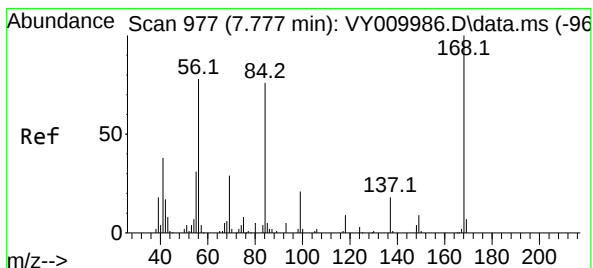
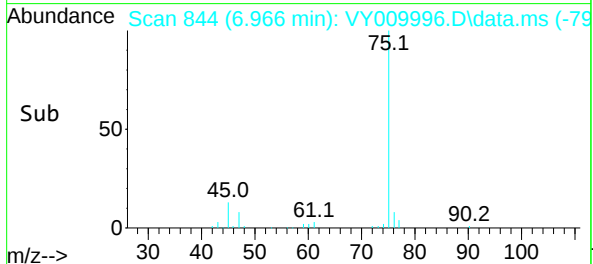
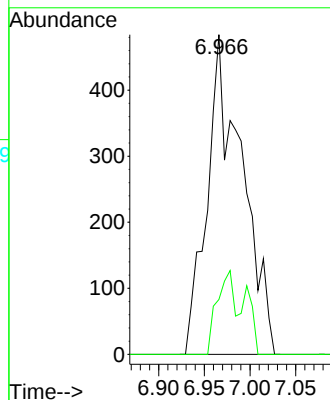
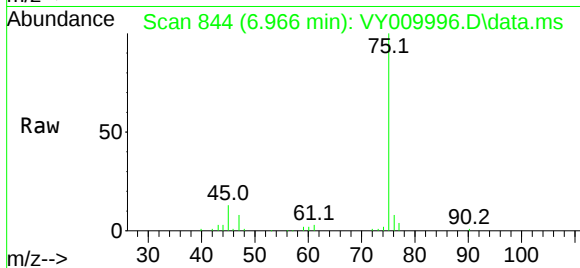
CHRT-26414

Tgt Ion: 43 Resp: 1286

Ion Ratio Lower Upper

43 100

72 17.1 21.5 32.3#



#31

Cyclohexane

Concen: 1.002 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.000 min

Lab File: VY009996.D

Acq: 12 Aug 2022 19:12

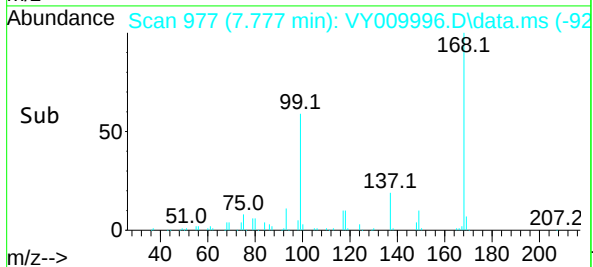
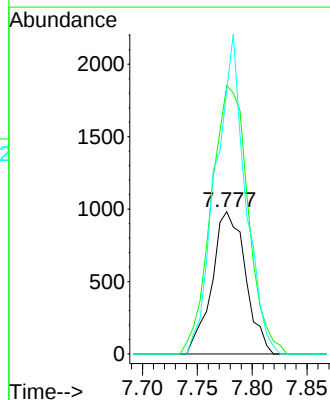
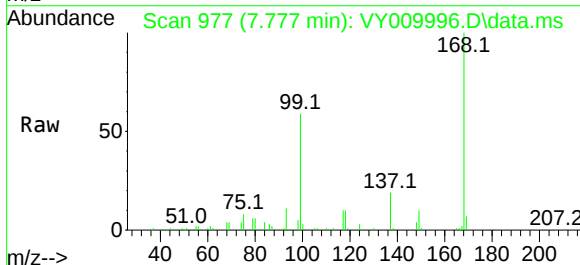
Tgt Ion: 56 Resp: 2090

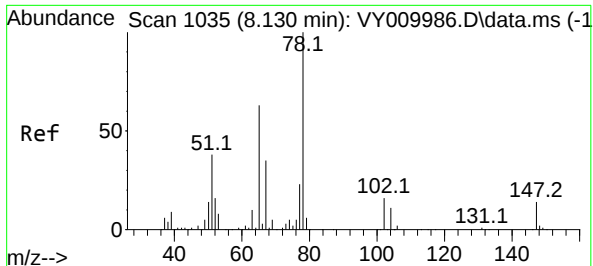
Ion Ratio Lower Upper

56 100

69 188.7 26.0 39.0#

84 185.8 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 40.348 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY009996.D

Acq: 12 Aug 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

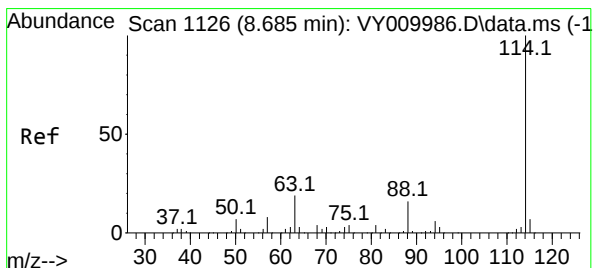
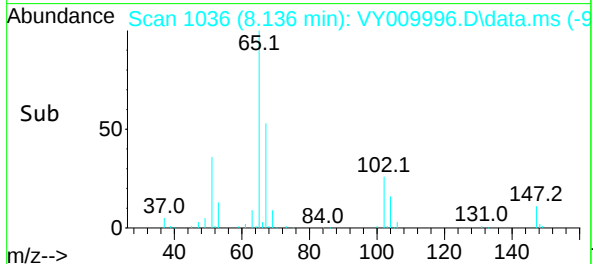
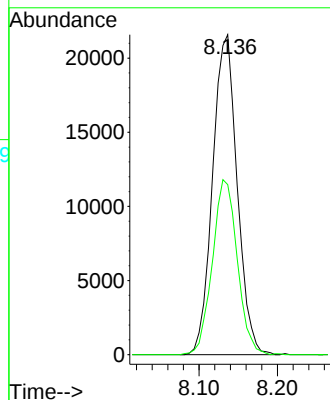
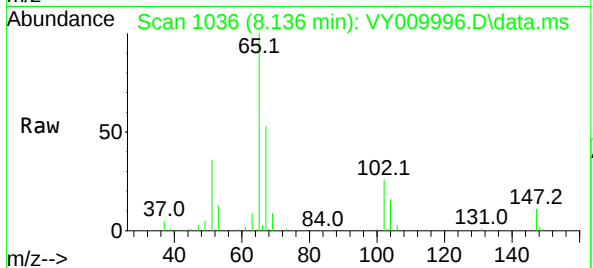
CHRT-26414

Tgt Ion: 65 Resp: 47011

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009996.D

Acq: 12 Aug 2022 19:12

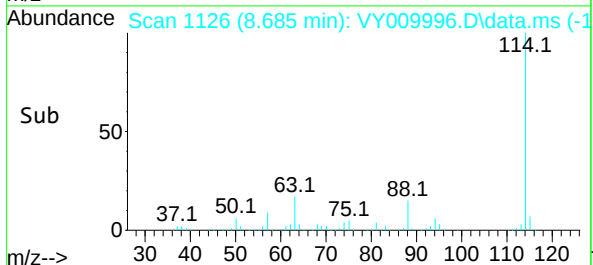
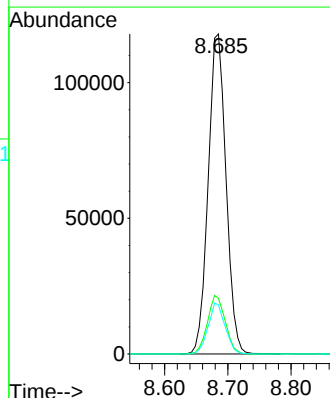
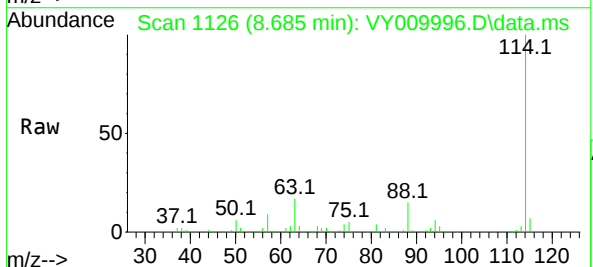
Tgt Ion:114 Resp: 231172

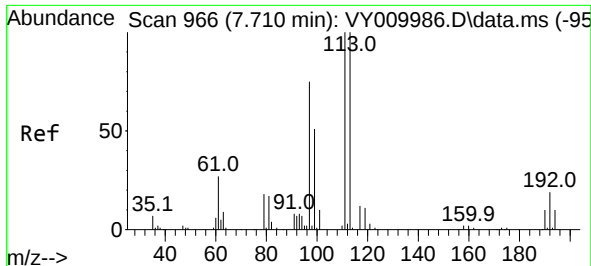
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.0

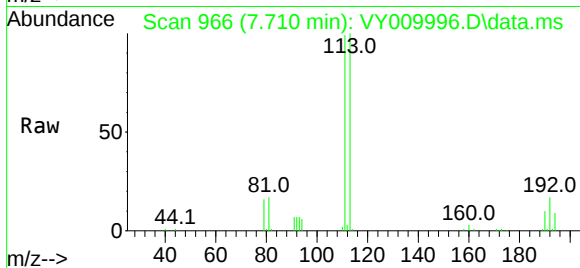
88 15.3 0.0 30.0



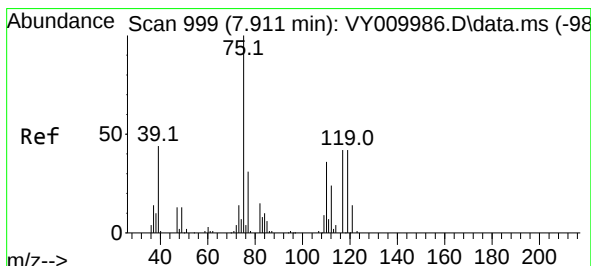
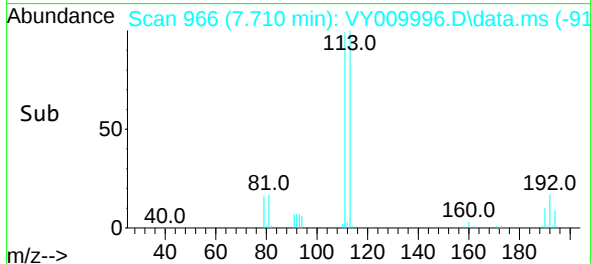
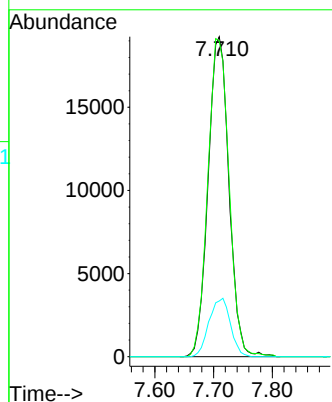


#35
 Dibromofluoromethane
 Concen: 33.430 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY009996.D
 Acq: 12 Aug 2022 19:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26414

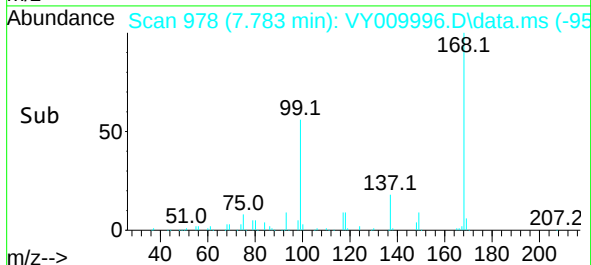
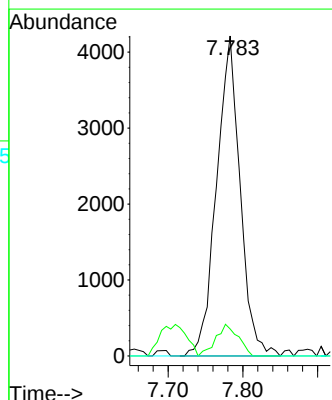
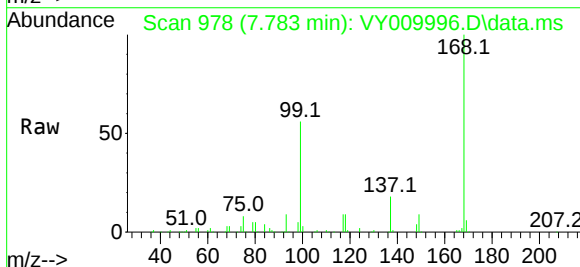


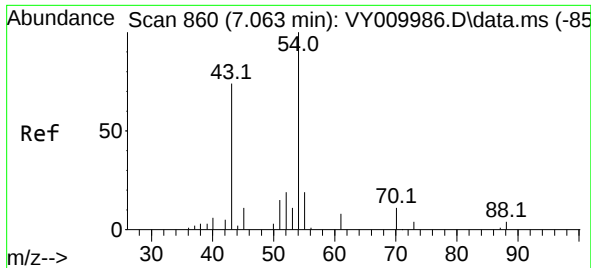
Tgt Ion:113	Resp:	47299
Ion	Ratio	Lower Upper
113	100	
111	101.4	80.6 120.8
192	18.7	16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 4.392 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.128 min
 Lab File: VY009996.D
 Acq: 12 Aug 2022 19:12

Tgt Ion: 75	Resp:	9254
Ion	Ratio	Lower Upper
75	100	
110	9.4	18.6 56.0#
77	0.0	25.0 37.4#





#37

Ethyl Acetate

Concen: 1.131 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.097 min

Lab File: VY009996.D

Acq: 12 Aug 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26414

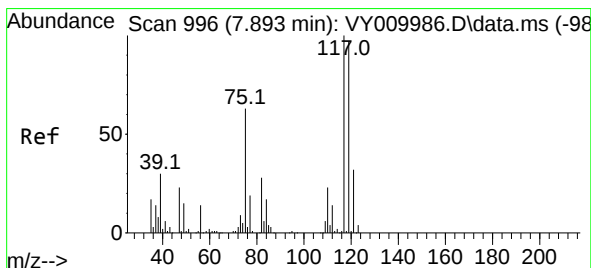
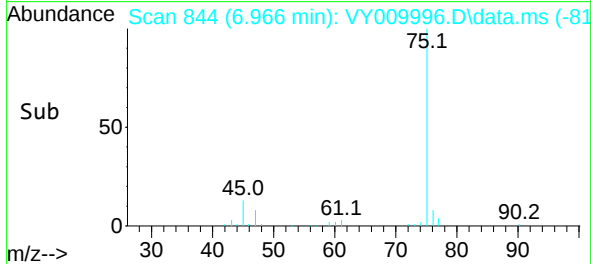
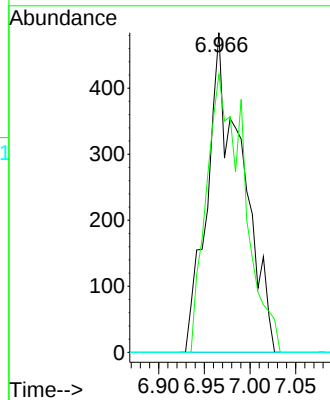
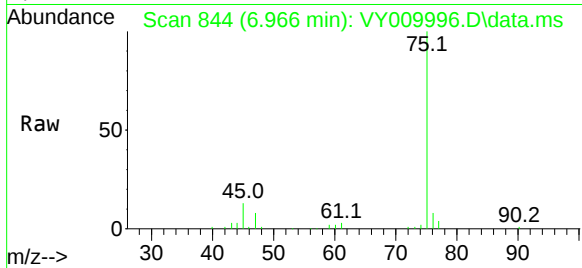
Tgt Ion: 43 Resp: 1286

Ion Ratio Lower Upper

43 100

61 94.2 11.2 16.8#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.299 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY009996.D

Acq: 12 Aug 2022 19:12

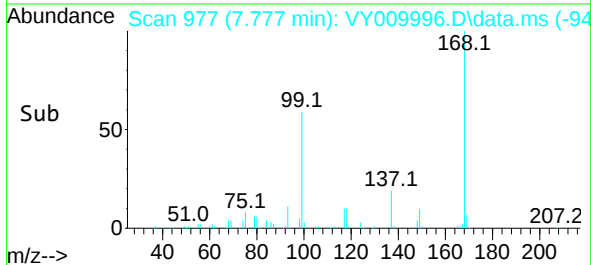
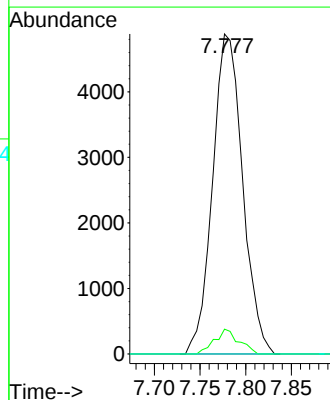
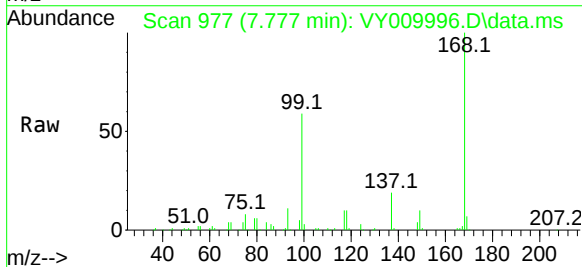
Tgt Ion: 117 Resp: 11141

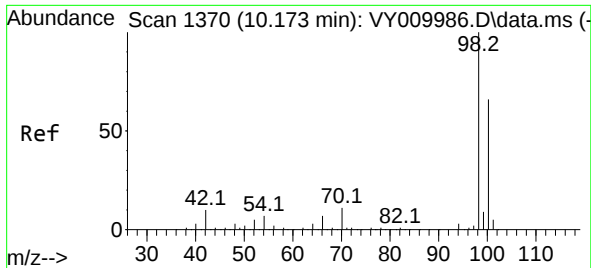
Ion Ratio Lower Upper

117 100

119 7.8 75.9 113.9#

121 0.0 24.9 37.3#

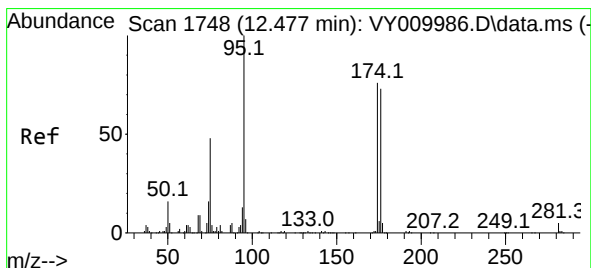
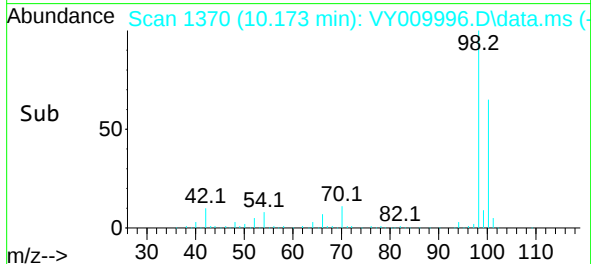
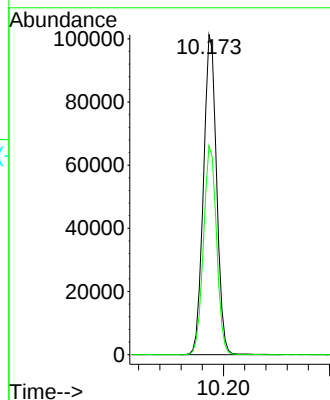
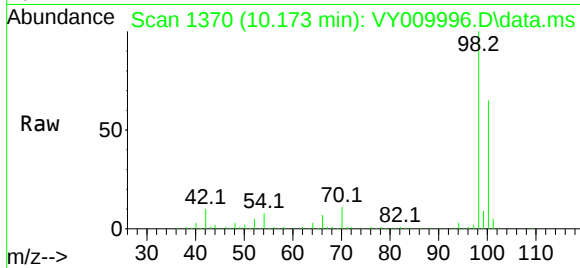




#50
Toluene-d8
Concen: 32.019 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

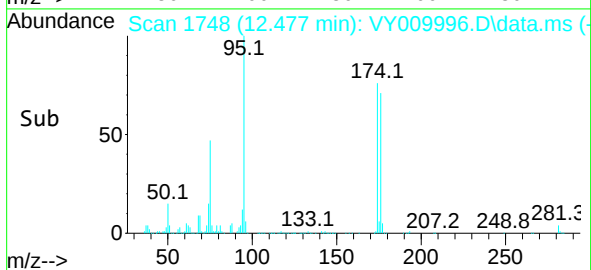
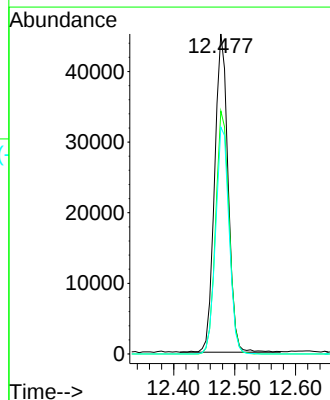
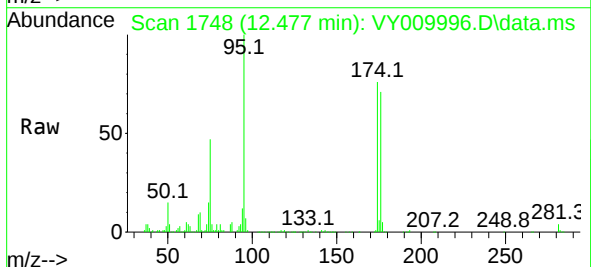
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

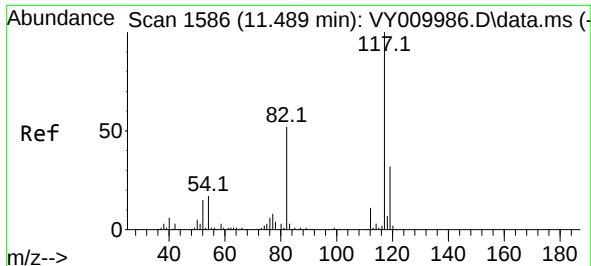
Tgt Ion: 98 Resp: 173582
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.962 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

Tgt Ion: 95 Resp: 69445
Ion Ratio Lower Upper
95 100
174 75.7 0.0 173.8
176 70.9 0.0 167.0

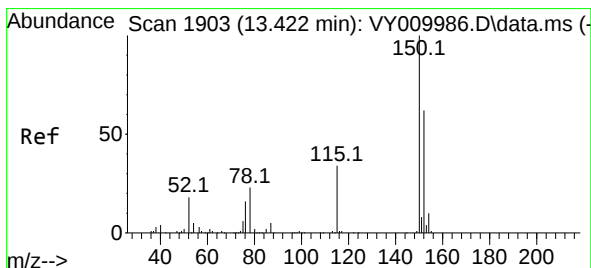
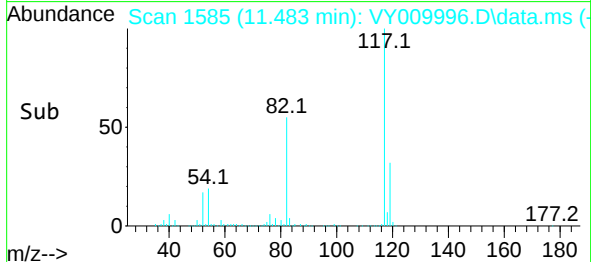
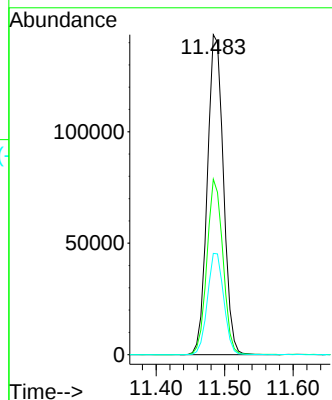
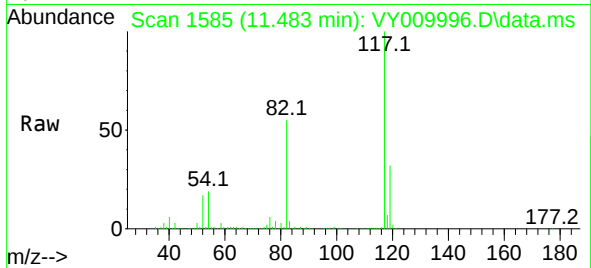




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

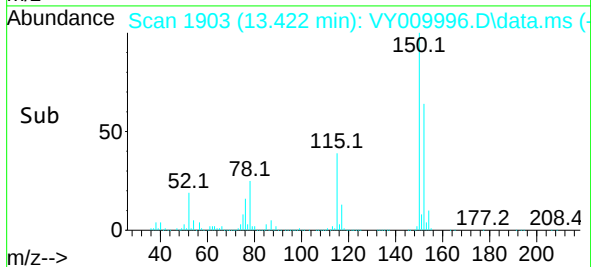
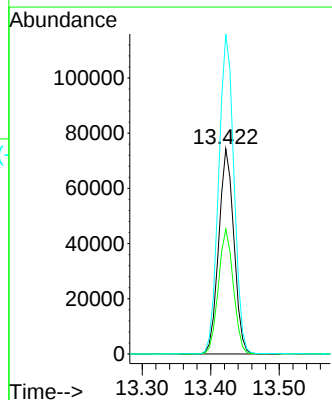
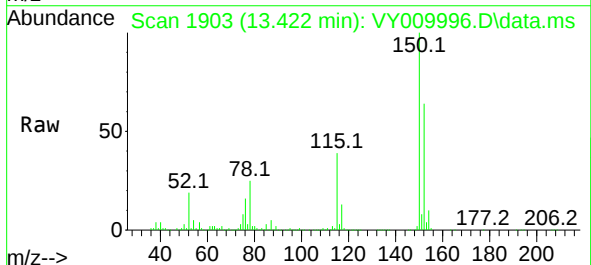
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

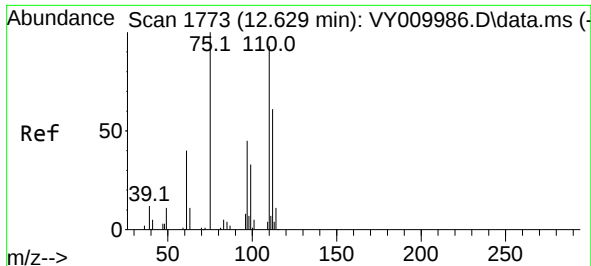
Tgt Ion:117 Resp: 235176
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.6
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

Tgt Ion:152 Resp: 113987
Ion Ratio Lower Upper
152 100
115 60.0 28.6 85.9
150 157.2 0.0 349.8

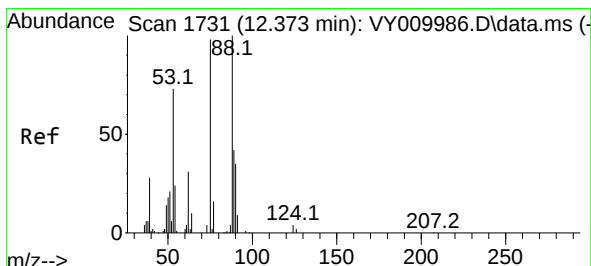
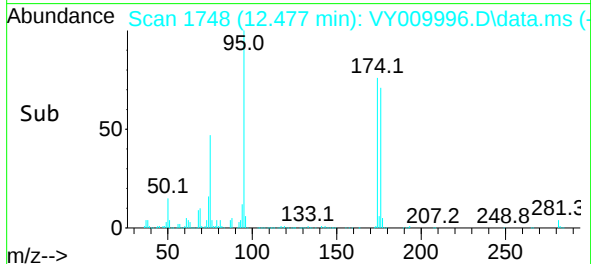
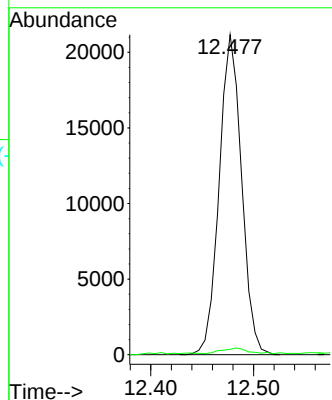
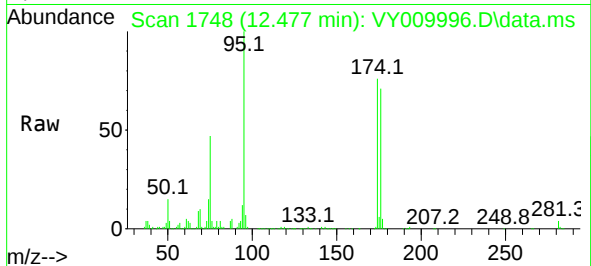




#76
1,2,3-Trichloropropane
Concen: 24.247 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

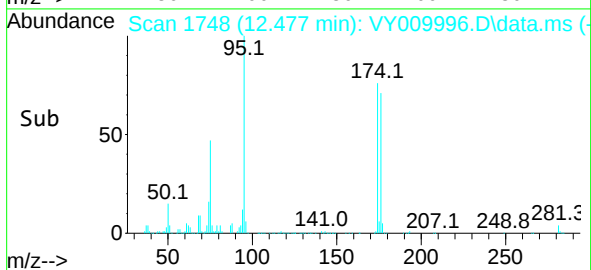
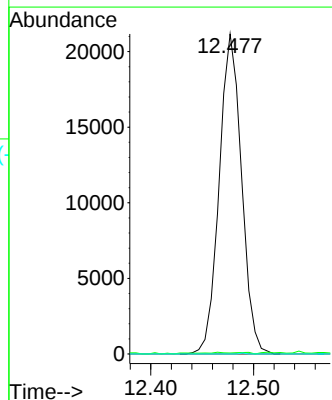
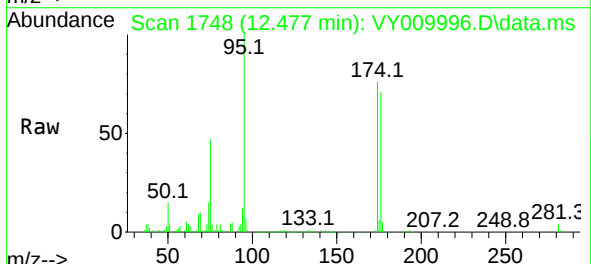
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

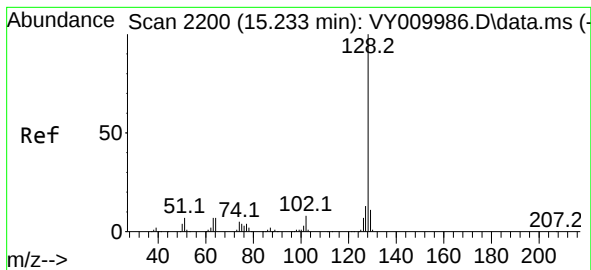
Tgt Ion: 75 Resp: 31939
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009996.D
Acq: 12 Aug 2022 19:12

Tgt Ion: 75 Resp: 31939
Ion Ratio Lower Upper
75 100
53 0.3 71.4 107.2#
89 0.1 38.1 57.1#





#95

Naphthalene

Concen: 3.267 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009996.D

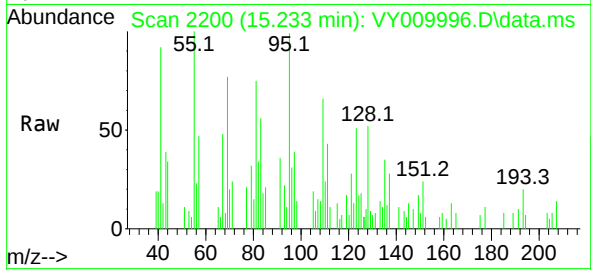
Acq: 12 Aug 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26414



Tgt Ion:128 Resp: 943

Ion Ratio Lower Upper

128 100

127 21.3 10.6 15.8#

129 0.0 8.8 13.2#

