

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008617.D
 Acq On : 04 May 2022 17:10
 Operator : KP/MD
 Sample : N2619-10
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05-13-15-FT

Quant Time: May 05 04:36:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

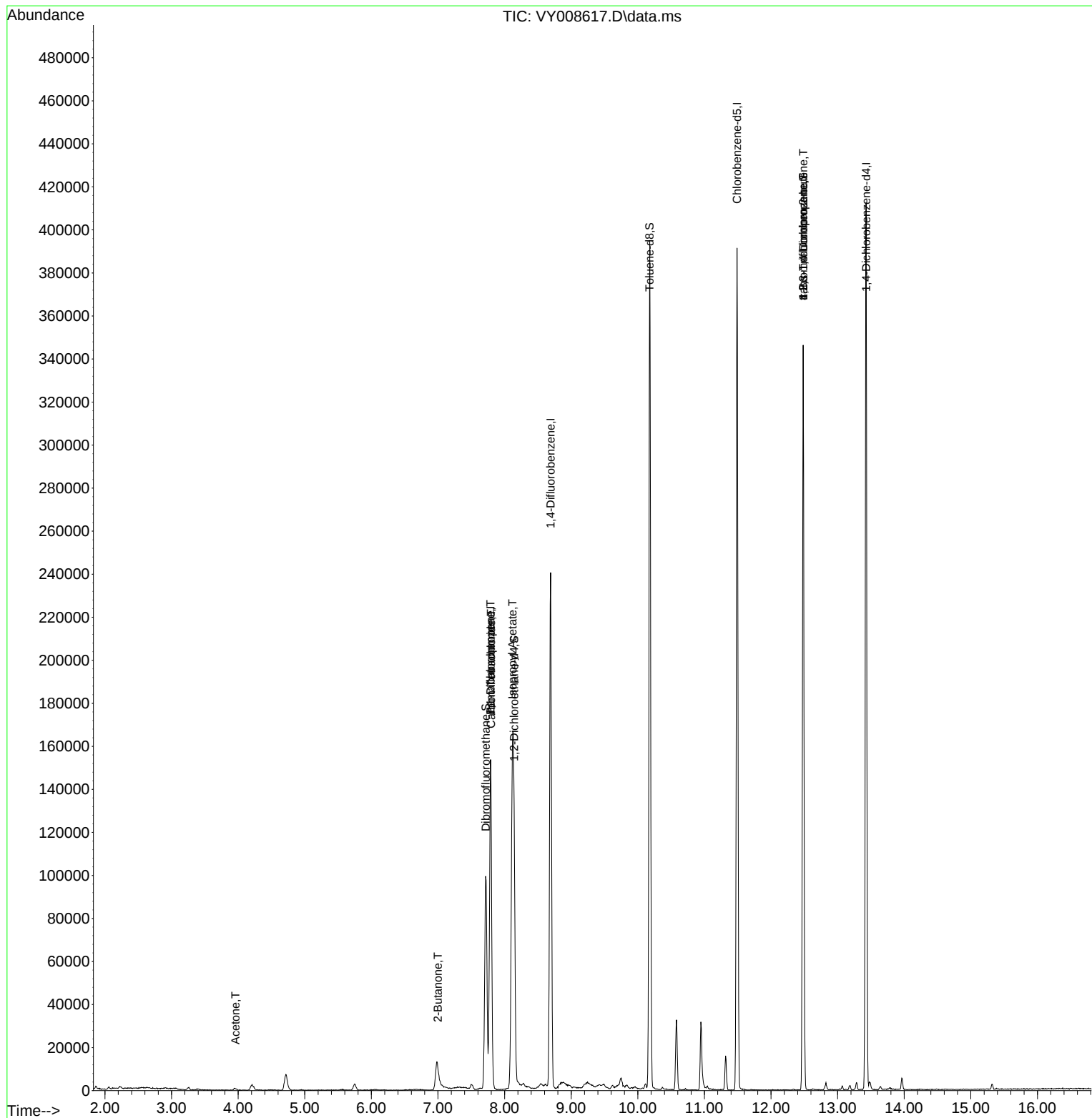
Internal Standards						
1) Pentafluorobenzene	7.789	168	129840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66409	52.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.240%	
35) Dibromofluoromethane	7.716	113	70786	47.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.560%	
50) Toluene-d8	10.179	98	266579	50.788	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.483	95	97824	50.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.700%	
Target Compounds						
						Qvalue
5) Bromomethane	2.662	94	117	Below Cal		98
11) Tert butyl alcohol	4.954	59	292	Below Cal	#	77
16) Acetone	3.960	43	1637	6.021	ug/l #	89
18) Methyl Acetate	4.472	43	455	Below Cal	#	56
20) Methylene Chloride	4.722	84	6207	Below Cal	#	67
25) 2-Butanone	6.996	43	876	2.007	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	8377	3.636	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11847	4.507	ug/l #	15
43) Isopropyl Acetate	8.118	43	2447	1.138	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47385	38.848	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47385	78.760	ug/l #	7

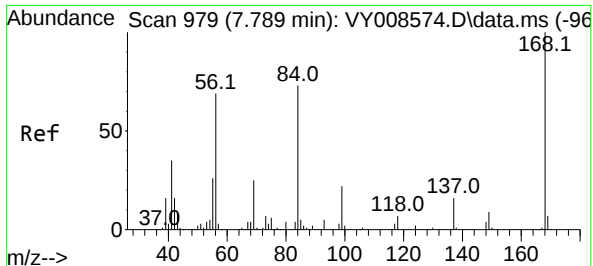
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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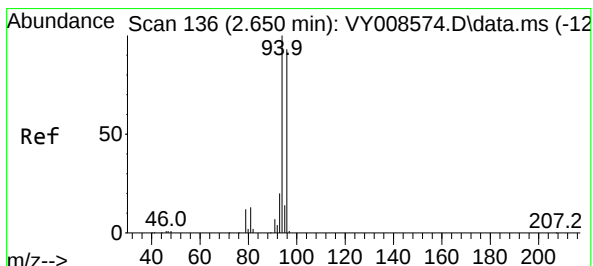
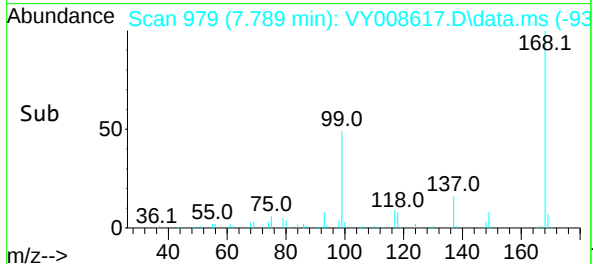
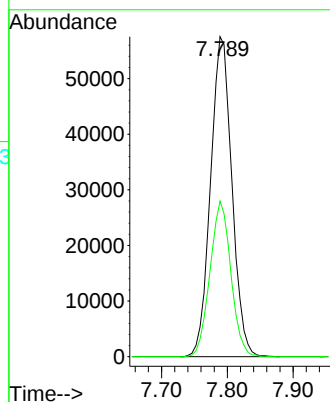
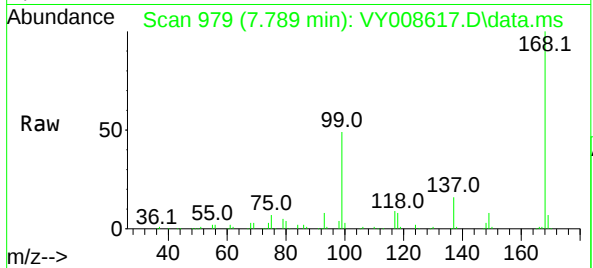




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008617.D
Acq: 04 May 2022 17:10

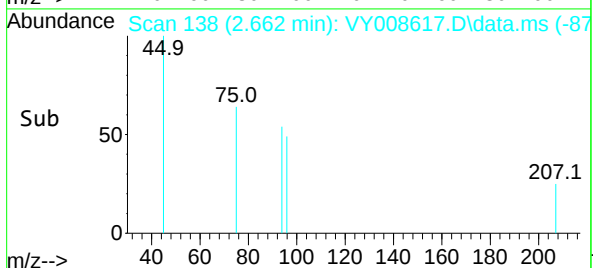
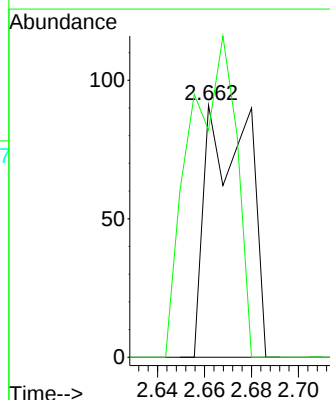
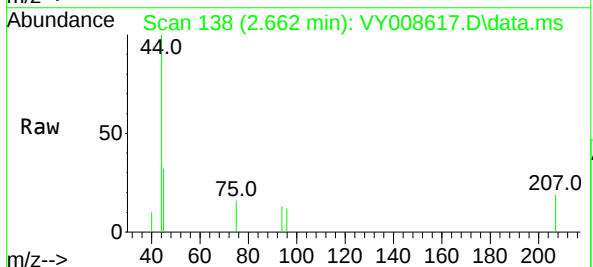
Instrument :
MSVOA_Y
ClientSampleId :
SB05-13-15-FT

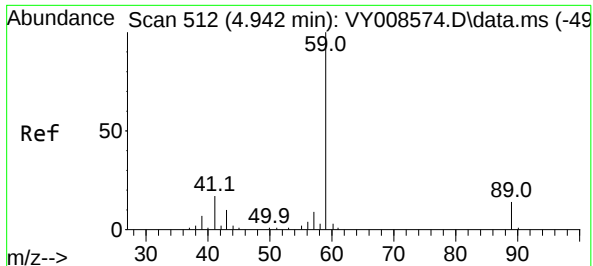
Tgt Ion:168 Resp: 129840
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008617.D
Acq: 04 May 2022 17:10

Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 90.1 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 512

Delta R.T. 0.012 min

Lab File: VY008617.D

Acq: 04 May 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

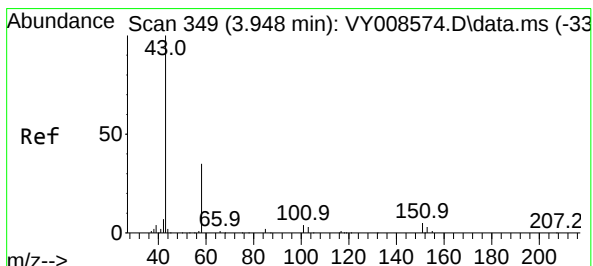
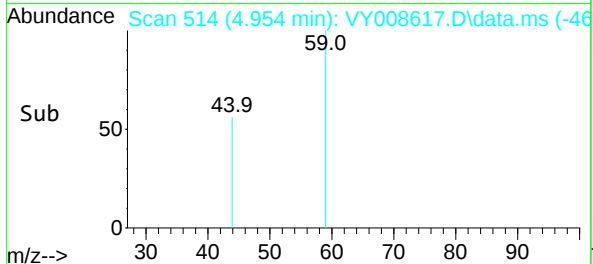
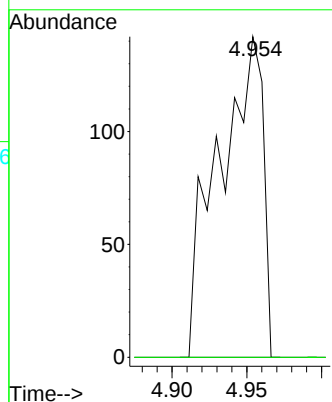
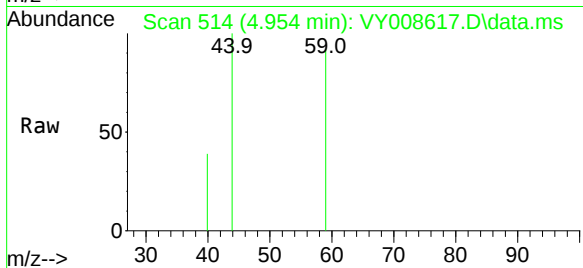
SB05-13-15-FT

Tgt Ion: 59 Resp: 292

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.021 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY008617.D

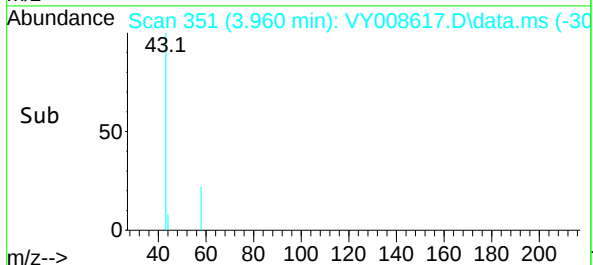
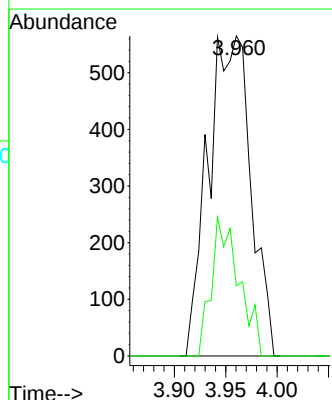
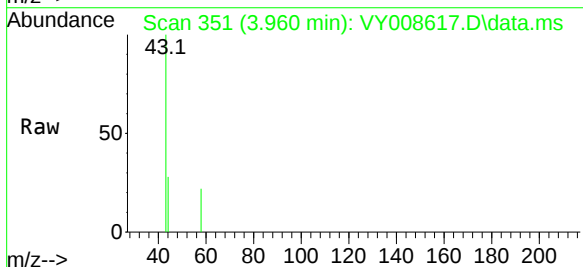
Acq: 04 May 2022 17:10

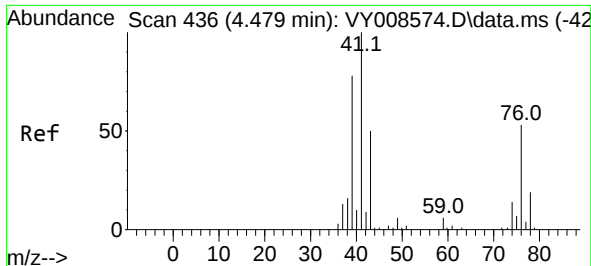
Tgt Ion: 43 Resp: 1637

Ion Ratio Lower Upper

43 100

58 21.9 22.0 33.0#

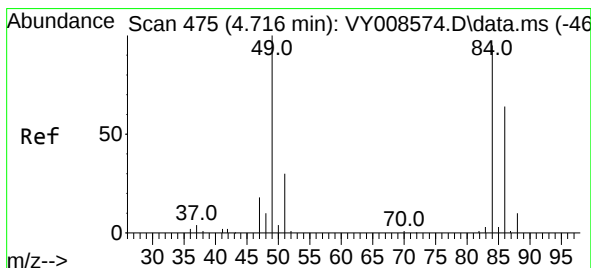
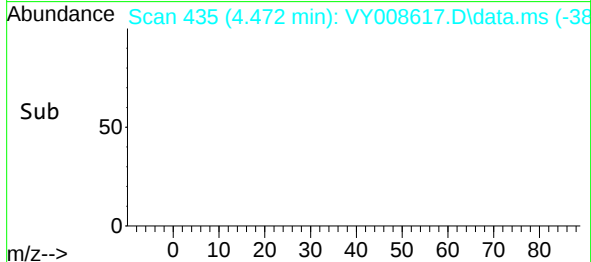
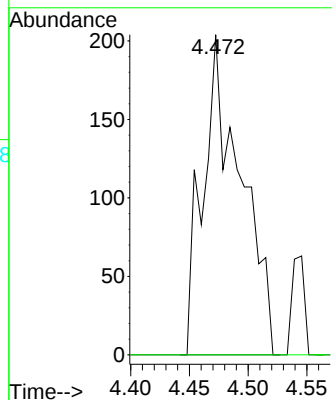
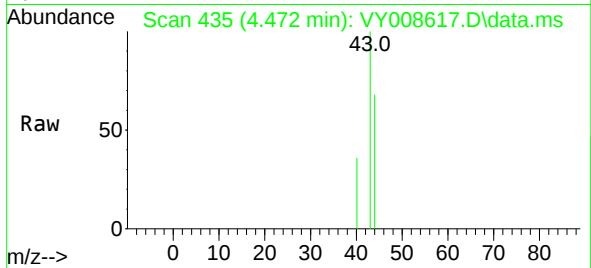




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008617.D
Acq: 04 May 2022 17:10

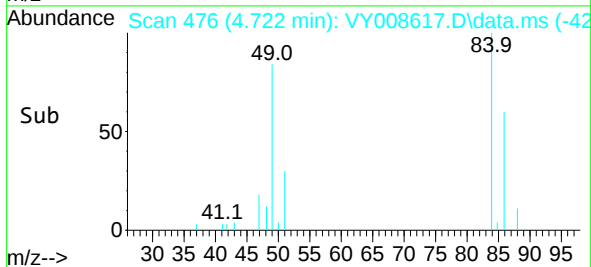
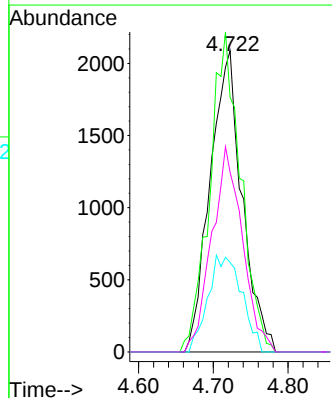
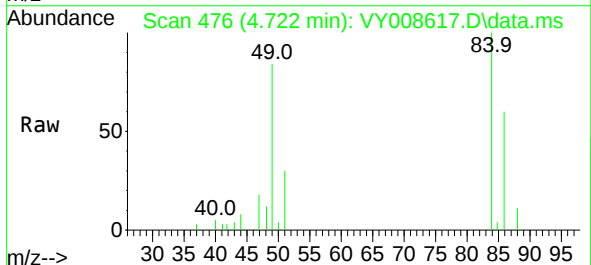
Instrument :
MSVOA_Y
ClientSampleId :
SB05-13-15-FT

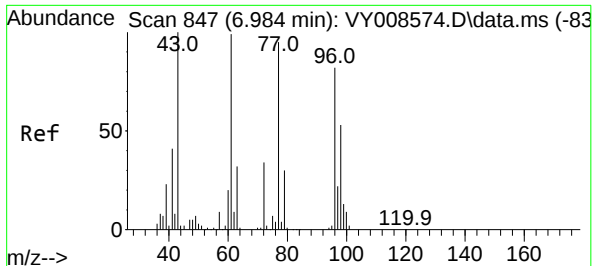
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY008617.D
Acq: 04 May 2022 17:10

Tgt Ion: 84 Resp: 6207
Ion Ratio Lower Upper
84 100
49 84.5 114.4 171.6#
51 29.7 35.3 52.9#
86 59.6 53.7 80.5





#25

2-Butanone

Concen: 2.007 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY008617.D

Acq: 04 May 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

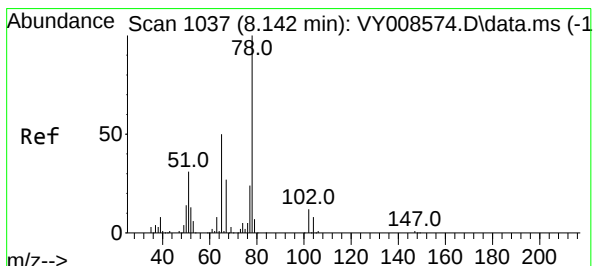
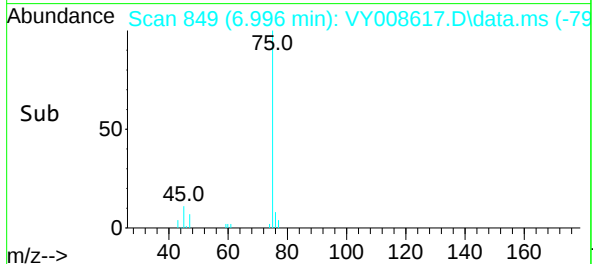
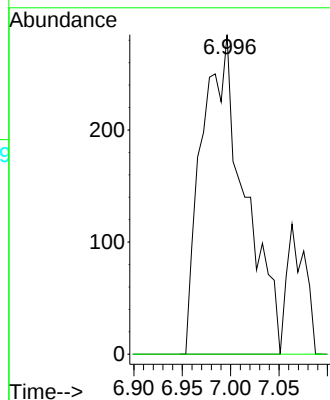
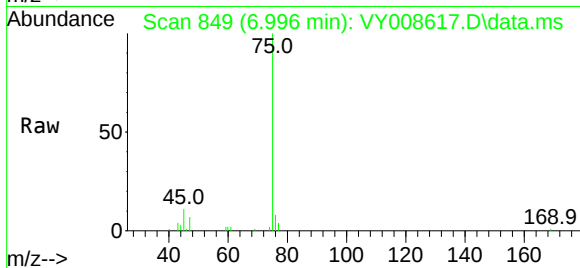
SB05-13-15-FT

Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 52.624 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008617.D

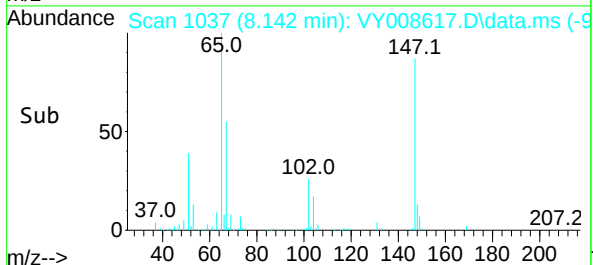
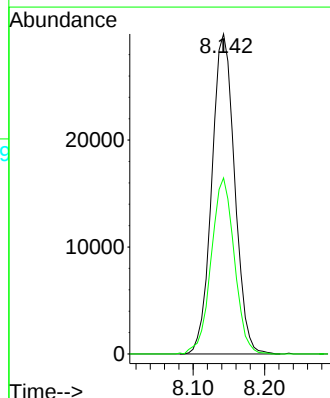
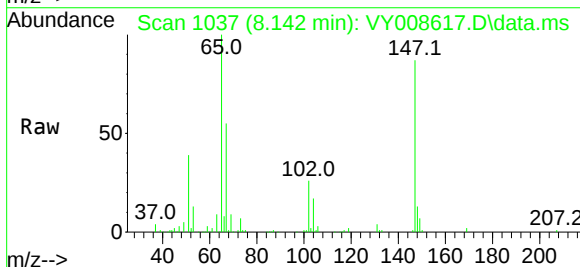
Acq: 04 May 2022 17:10

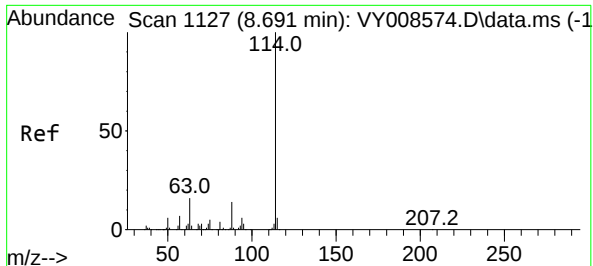
Tgt Ion: 65 Resp: 66409

Ion Ratio Lower Upper

65 100

67 55.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008617.D

Acq: 04 May 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB05-13-15-FT

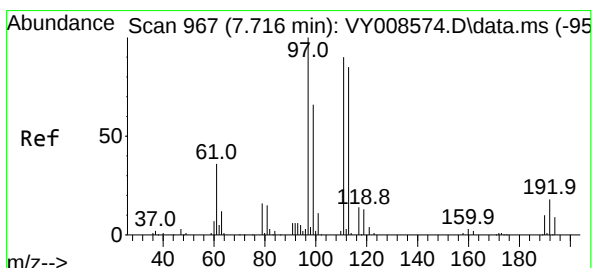
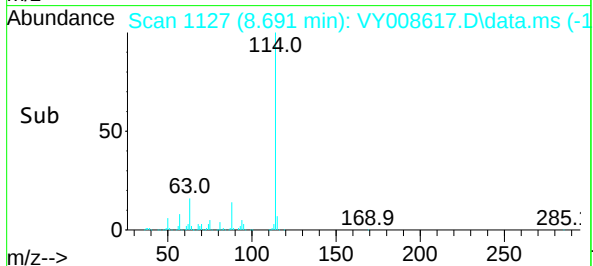
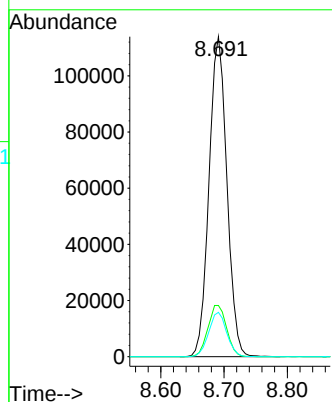
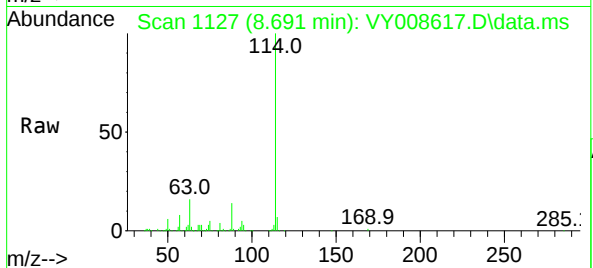
Tgt Ion:114 Resp: 223899

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.779 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008617.D

Acq: 04 May 2022 17:10

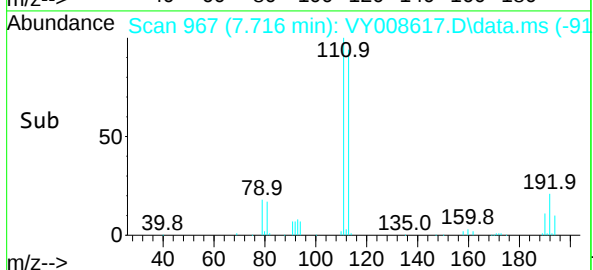
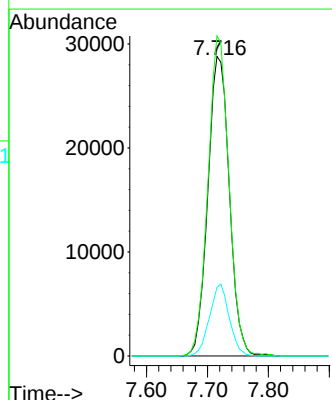
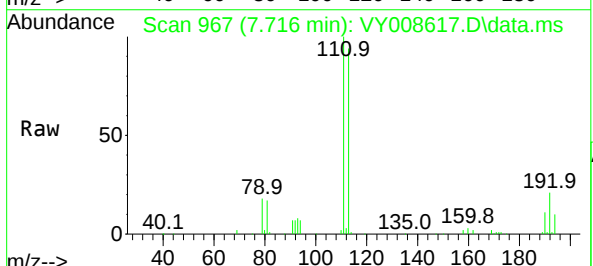
Tgt Ion:113 Resp: 70786

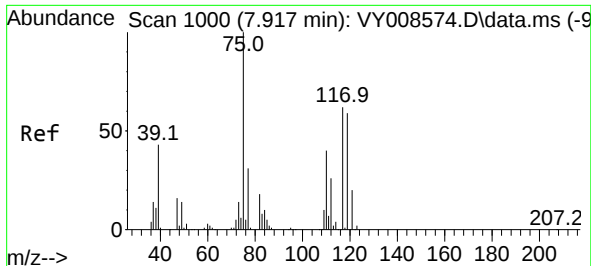
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 22.0 17.6 26.4

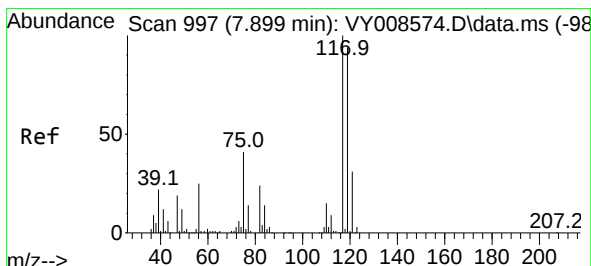
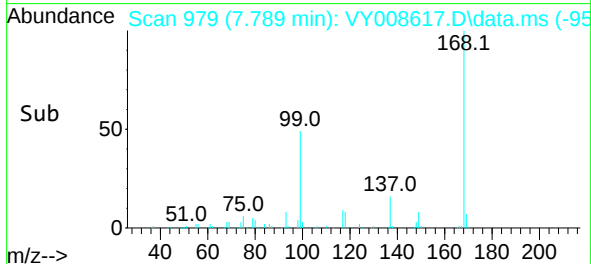
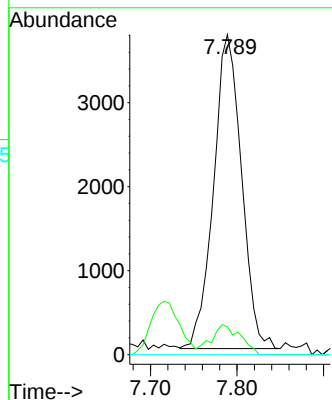
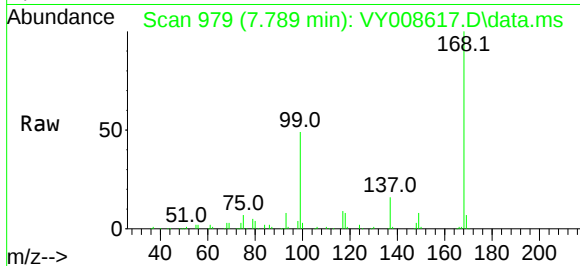




#36
 1,1-Dichloropropene
 Concen: 3.636 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY008617.D
 Acq: 04 May 2022 17:10

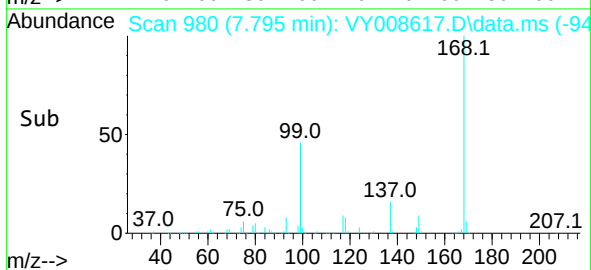
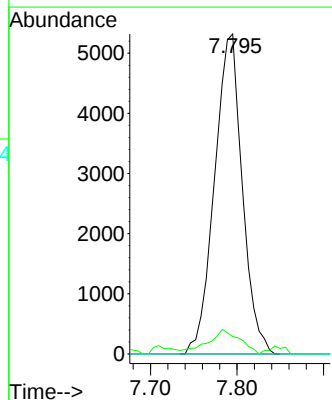
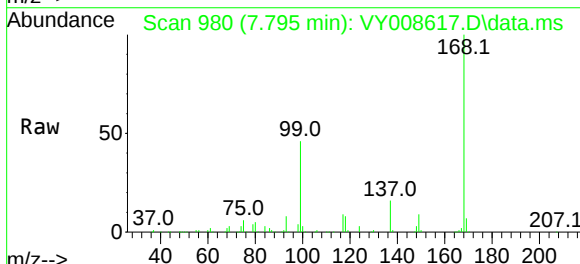
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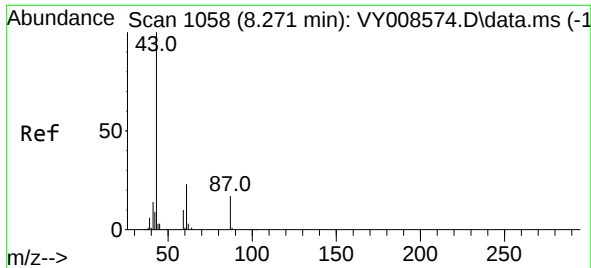
Tgt Ion: 75 Resp: 8377
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.507 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.104 min
 Lab File: VY008617.D
 Acq: 04 May 2022 17:10

Tgt Ion: 117 Resp: 11847
 Ion Ratio Lower Upper
 117 100
 119 4.3 77.9 116.9#
 121 0.0 24.8 37.2#

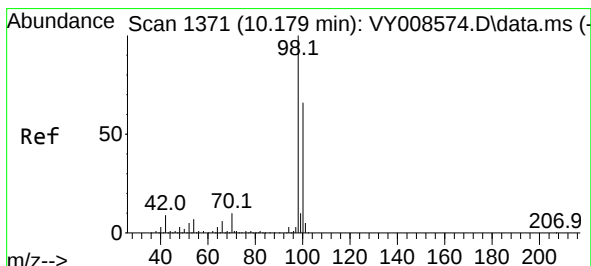
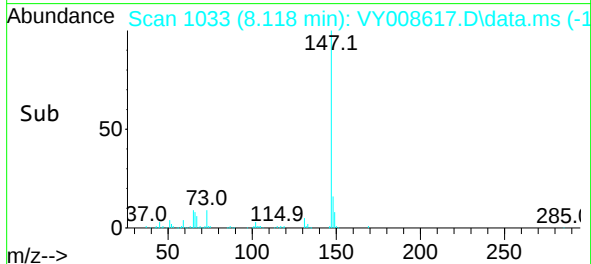
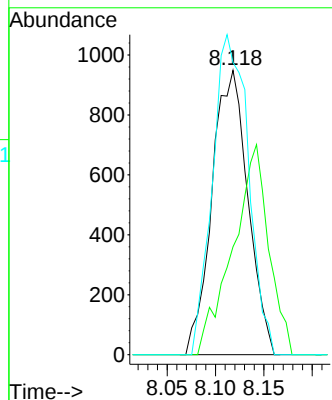
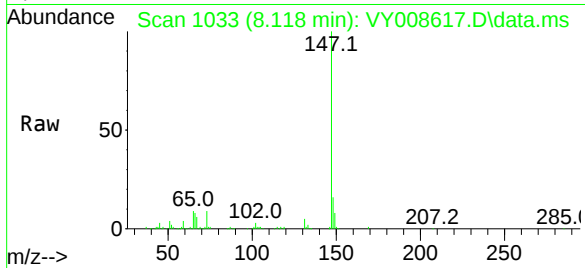




#43
Isopropyl Acetate
Concen: 1.138 ug/l
RT: 8.118 min Scan# 1058
Delta R.T. -0.152 min
Lab File: VY008617.D
Acq: 04 May 2022 17:10

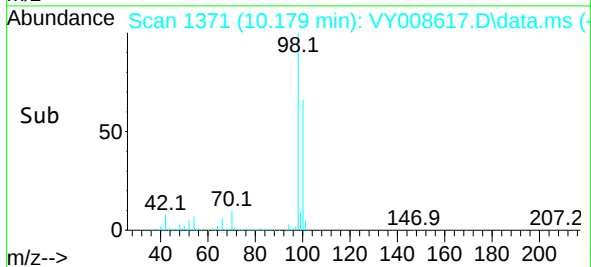
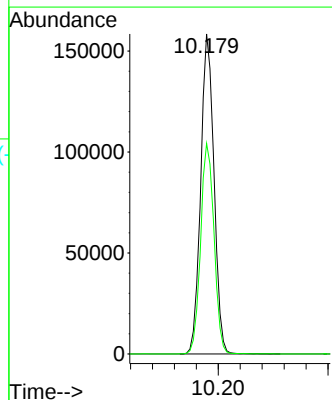
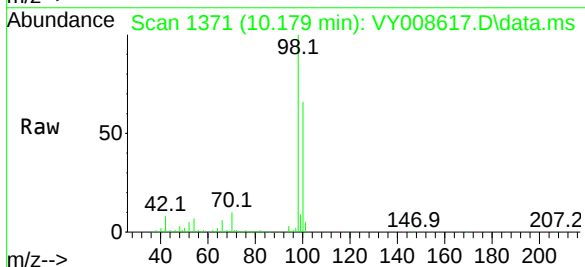
Instrument : MSVOA_Y
ClientSampleId : SB05-13-15-FT

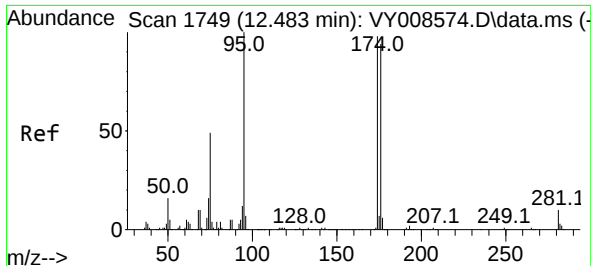
Tgt Ion: 43 Resp: 2447
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 112.4 8.9 13.3#



#50
Toluene-d8
Concen: 50.788 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008617.D
Acq: 04 May 2022 17:10

Tgt Ion: 98 Resp: 266579
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2

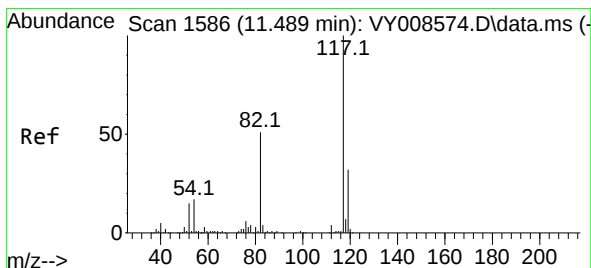
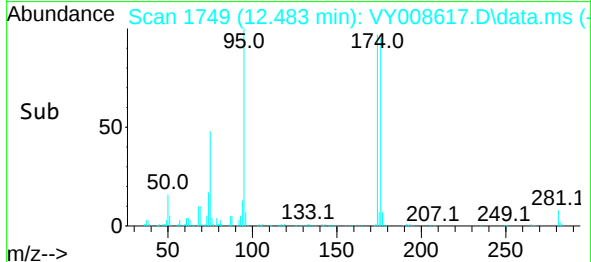
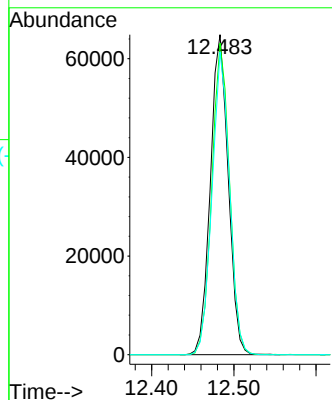
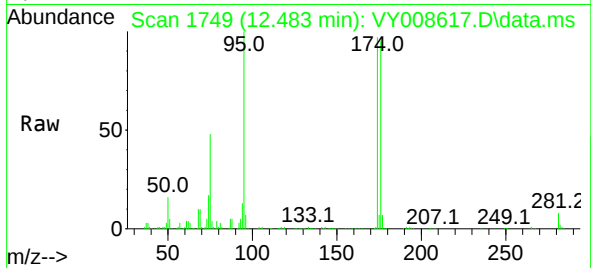




#62
4-Bromofluorobenzene
Concen: 50.849 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008617.D
Acq: 04 May 2022 17:10

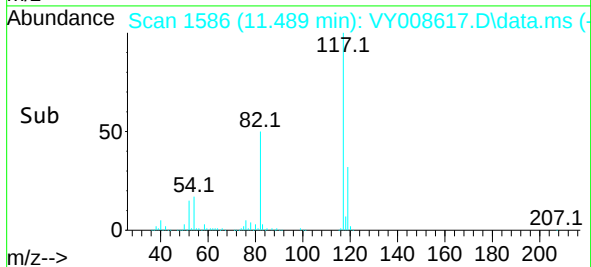
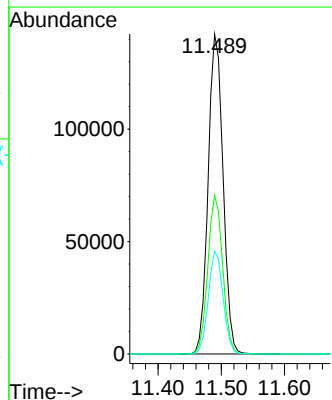
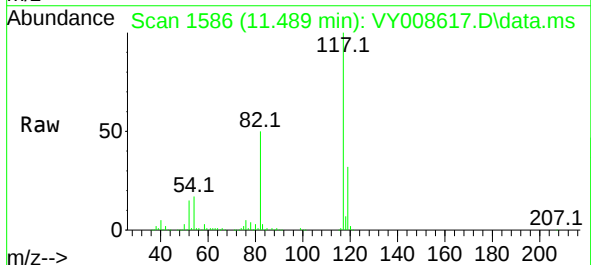
Instrument :
MSVOA_Y
ClientSampleId :
SB05-13-15-FT

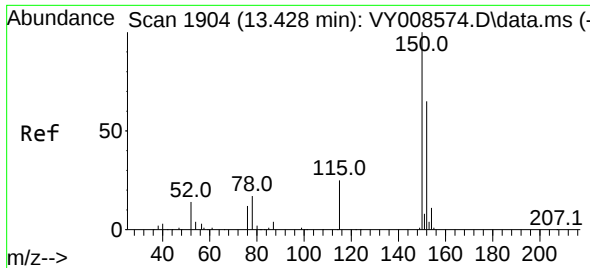
Tgt Ion: 95 Resp: 97824
Ion Ratio Lower Upper
95 100
174 96.3 0.0 177.0
176 92.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008617.D
Acq: 04 May 2022 17:10

Tgt Ion:117 Resp: 233337
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 32.1 25.4 38.0

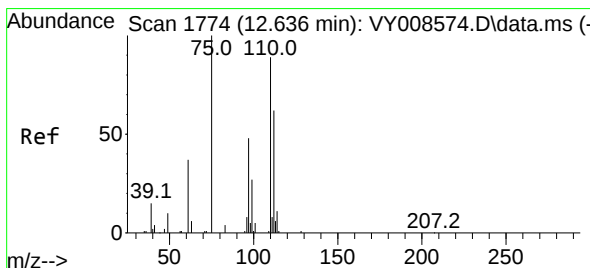
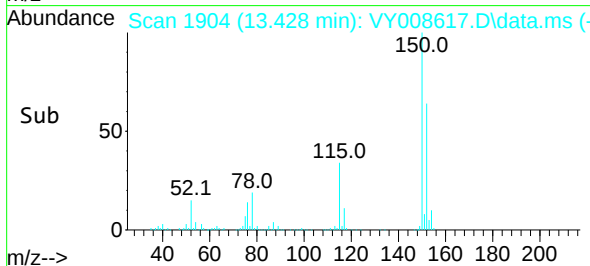
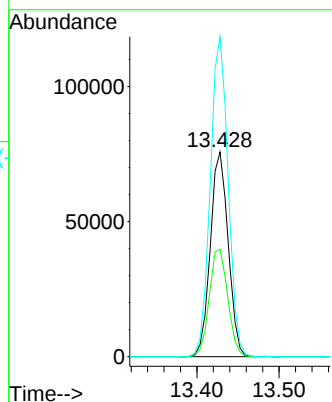
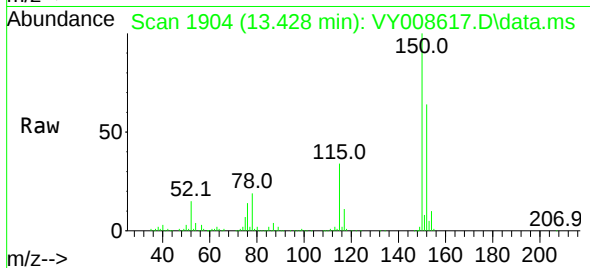




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008617.D
 Acq: 04 May 2022 17:10

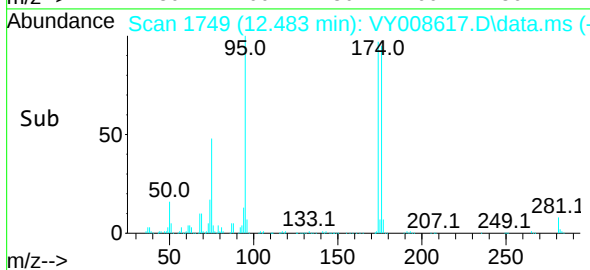
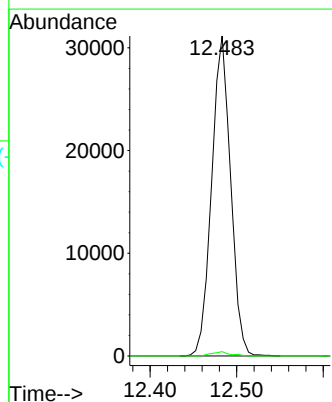
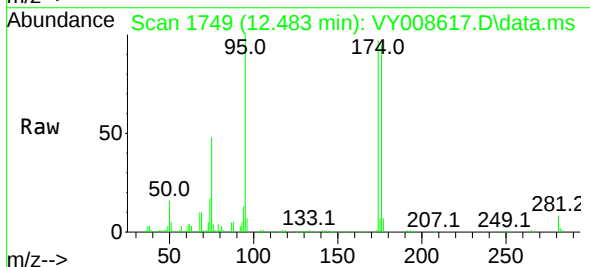
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05-13-15-FT

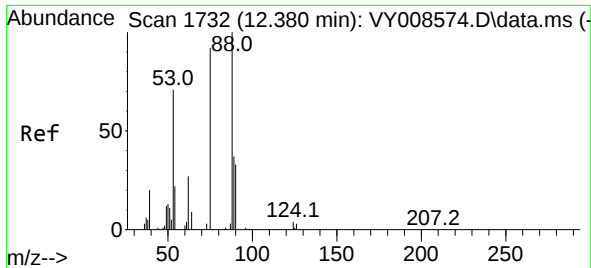
Tgt Ion:152 Resp: 114266
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 155.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.848 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008617.D
 Acq: 04 May 2022 17:10

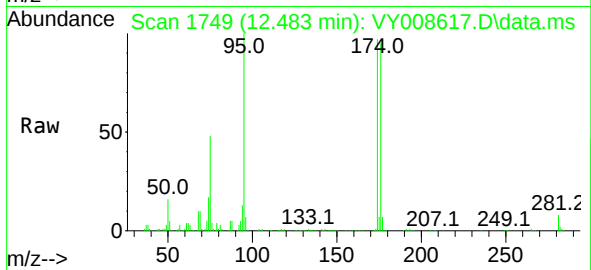
Tgt Ion: 75 Resp: 47385
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.760 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008617.D
 Acq: 04 May 2022 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05-13-15-FT



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

