

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008633.D
 Acq On : 05 May 2022 00:30
 Operator : KP/MD
 Sample : N2619-19
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS09-1-2-FT

Quant Time: May 05 04:42:15 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)

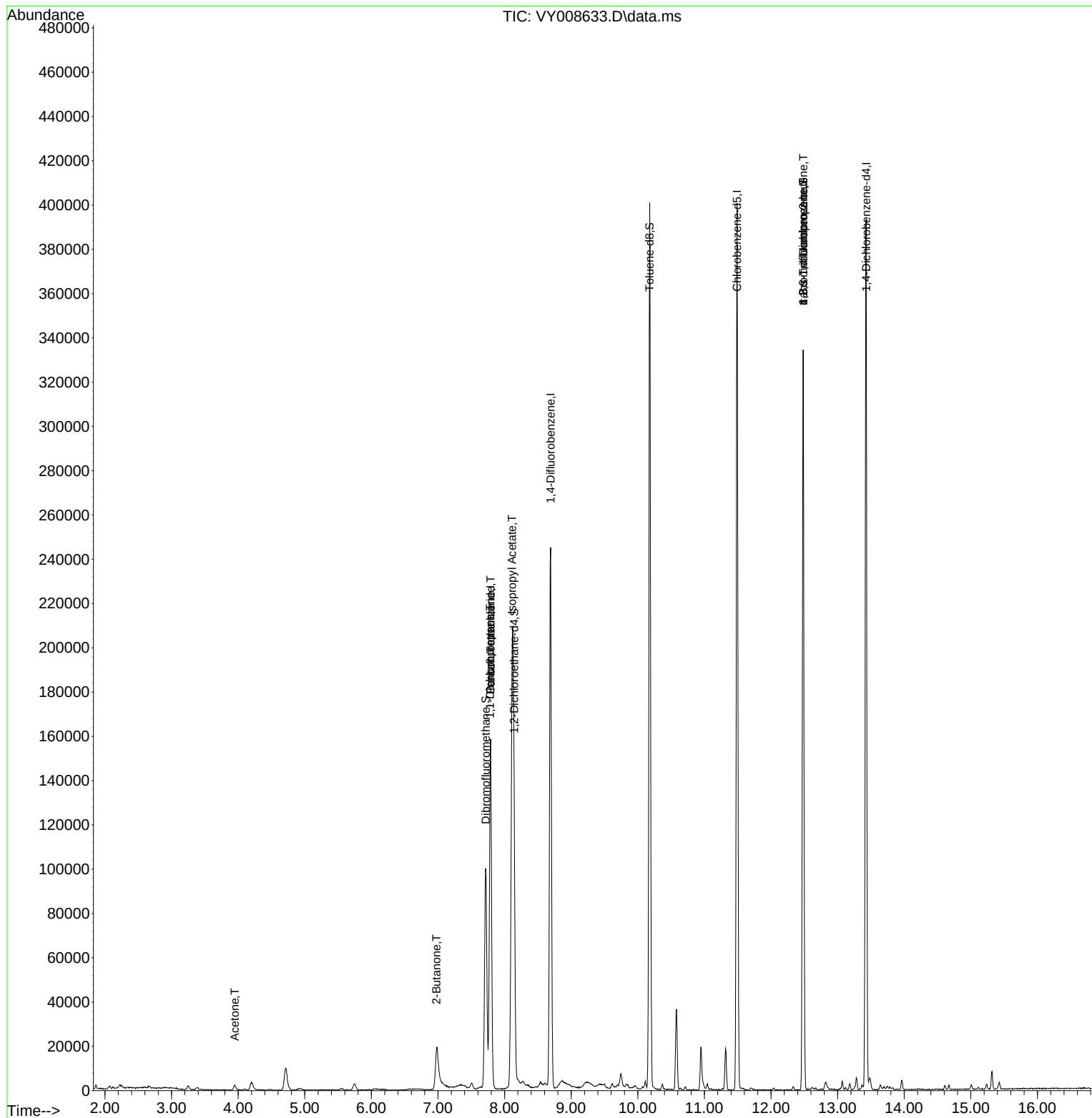
Internal Standards						
1) Pentafluorobenzene	7.789	168	131136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63835	50.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.160%	
35) Dibromofluoromethane	7.715	113	72227	48.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.040%	
50) Toluene-d8	10.178	98	270898	50.841	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.483	95	96401	49.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.720%	
Target Compounds						
5) Bromomethane	2.668	94	538	Below Cal	Qvalue 81	
11) Tert butyl alcohol	4.935	59	817	Below Cal	#	77
16) Acetone	3.948	43	3569	12.996	ug/l	# 87
18) Methyl Acetate	4.472	43	408	Below Cal	#	83
20) Methylene Chloride	4.716	84	8190	Below Cal	#	77
25) 2-Butanone	6.978	43	1076	2.441	ug/l	# 84
36) 1,1-Dichloropropene	7.782	75	8235	3.521	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	11835	4.436	ug/l	# 16
43) Isopropyl Acetate	8.112	43	3290	1.508	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	47275	40.055	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	47275	81.209	ug/l	# 7

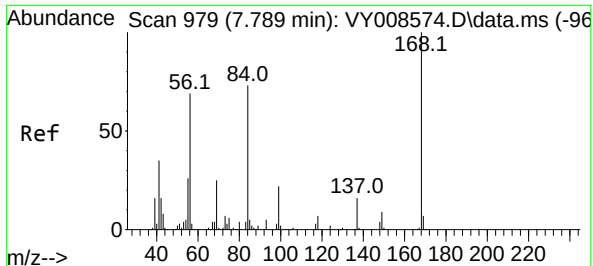
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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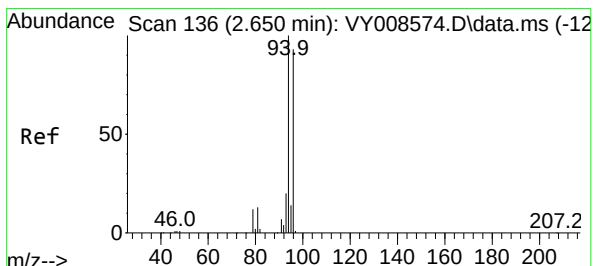
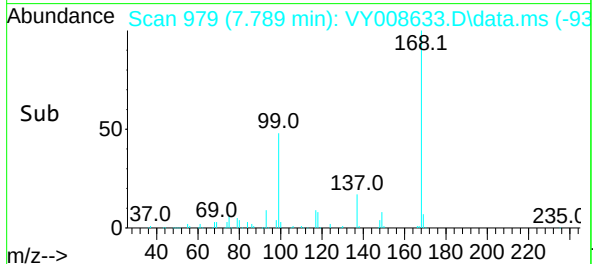
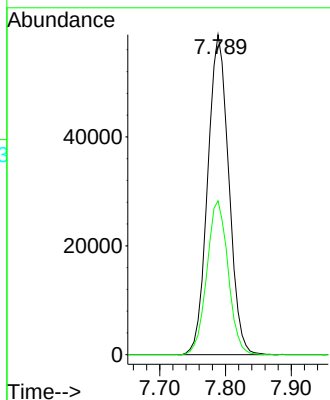
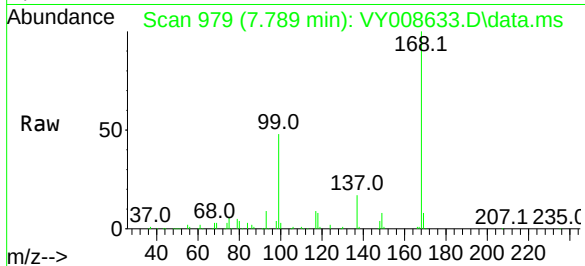




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

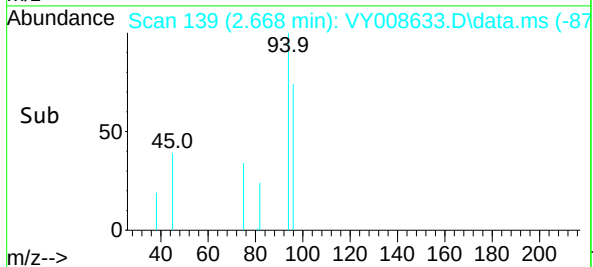
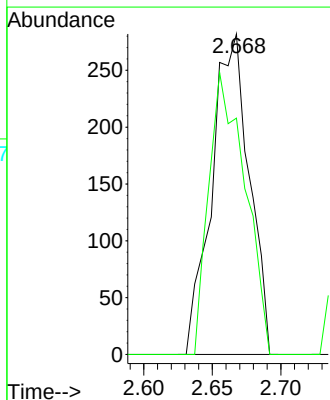
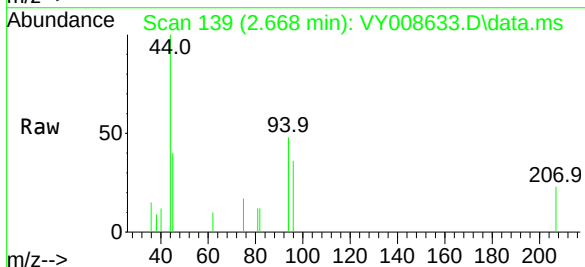
Instrument :
MSVOA_Y
ClientSampleId :
SS09-1-2-FT

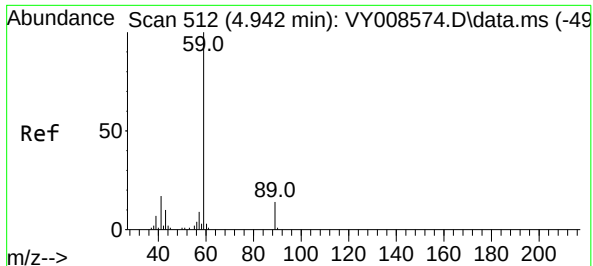
Tgt Ion:168 Resp: 131136
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 73.8 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.935 min Scan# 511

Delta R.T. -0.007 min

Lab File: VY008633.D

Acq: 05 May 2022 00:30

Instrument :

MSVOA_Y

ClientSampleId :

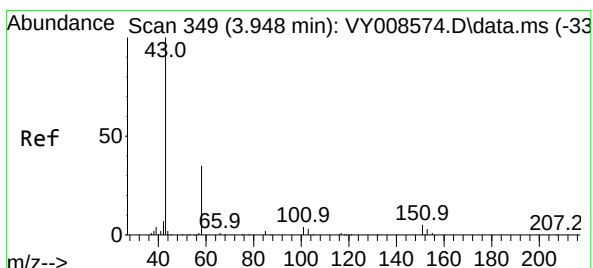
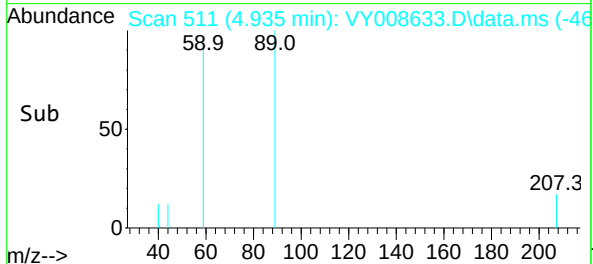
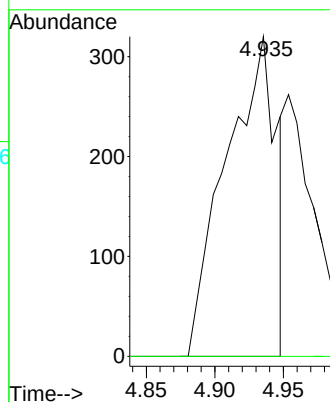
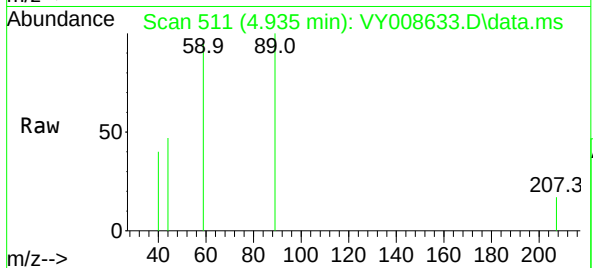
SS09-1-2-FT

Tgt Ion: 59 Resp: 817

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 12.996 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY008633.D

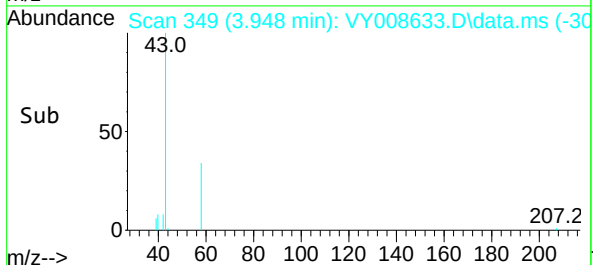
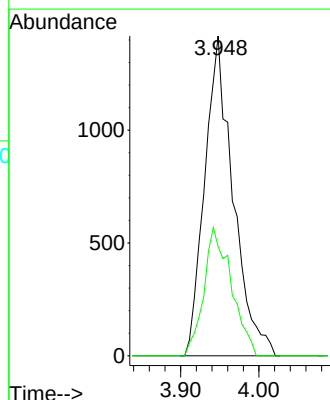
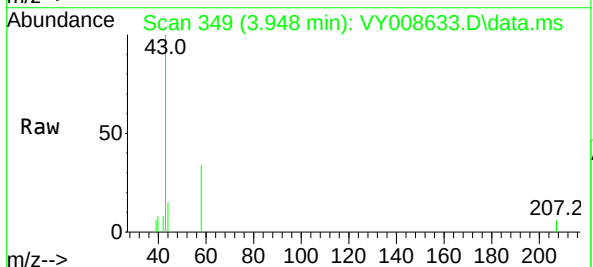
Acq: 05 May 2022 00:30

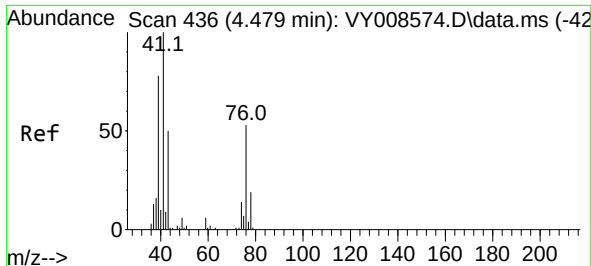
Tgt Ion: 43 Resp: 3569

Ion Ratio Lower Upper

43 100

58 34.2 22.0 33.0#

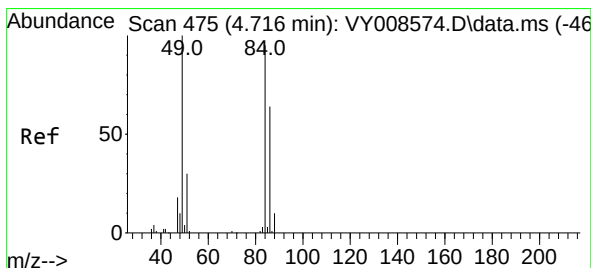
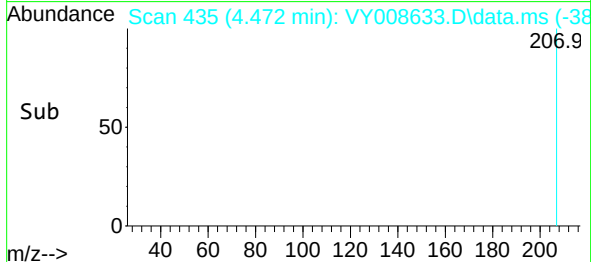
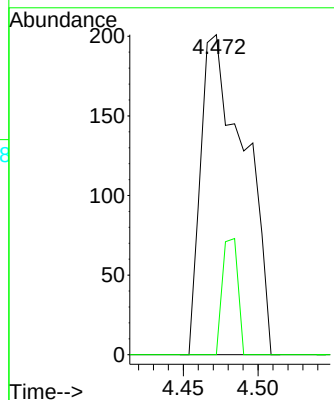
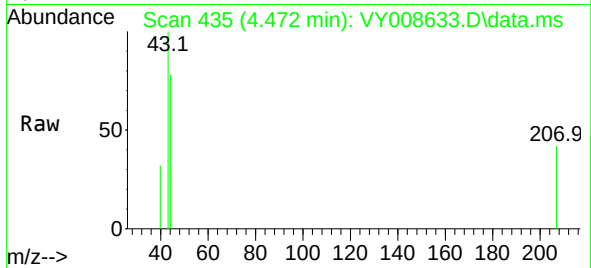




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

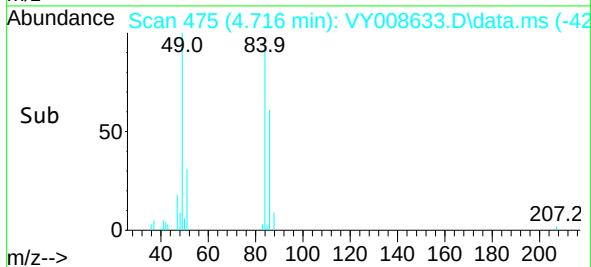
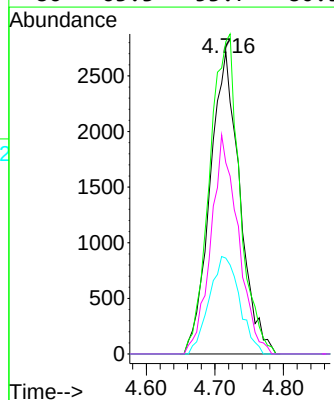
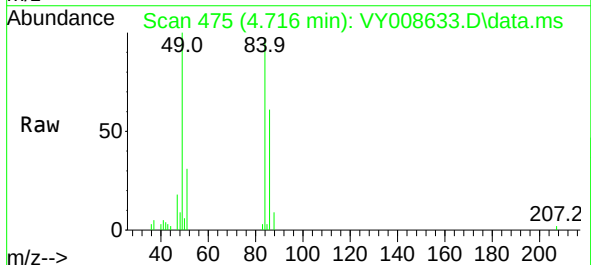
Instrument :
MSVOA_Y
ClientSampleId :
SS09-1-2-FT

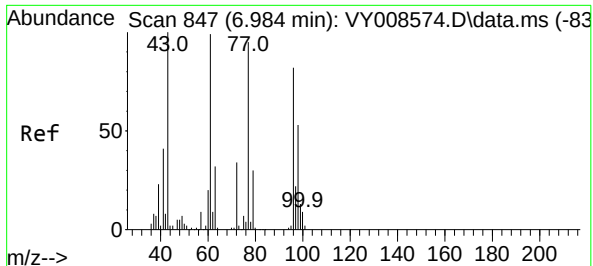
Tgt Ion: 43 Resp: 408
Ion Ratio Lower Upper
43 100
74 13.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

Tgt Ion: 84 Resp: 8190
Ion Ratio Lower Upper
84 100
49 103.3 114.4 171.6#
51 31.7 35.3 52.9#
86 63.3 53.7 80.5





#25

2-Butanone

Concen: 2.441 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008633.D

Acq: 05 May 2022 00:30

Instrument :

MSVOA_Y

ClientSampleId :

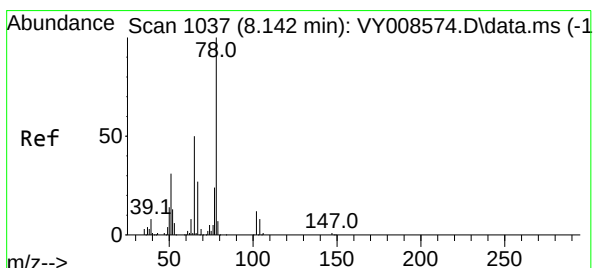
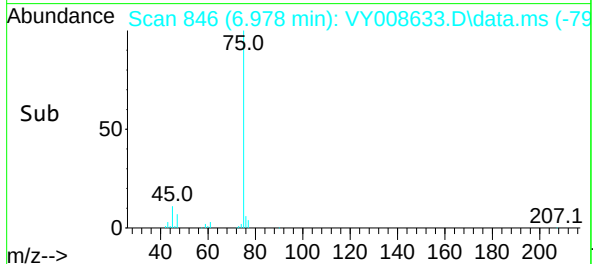
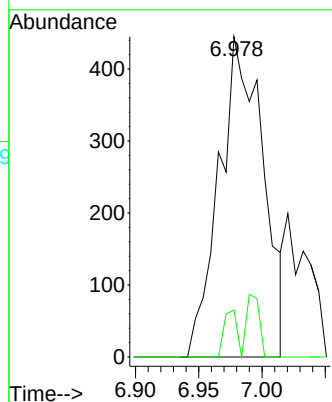
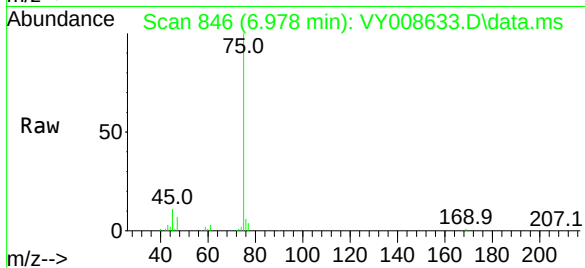
SS09-1-2-FT

Tgt Ion: 43 Resp: 1076

Ion Ratio Lower Upper

43 100

72 14.6 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 50.085 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008633.D

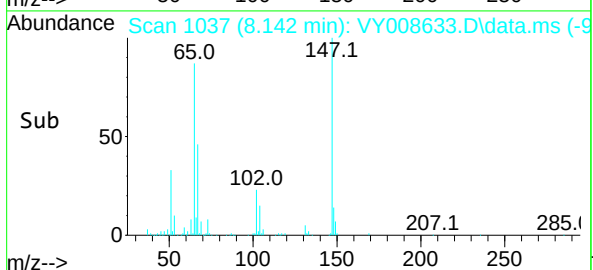
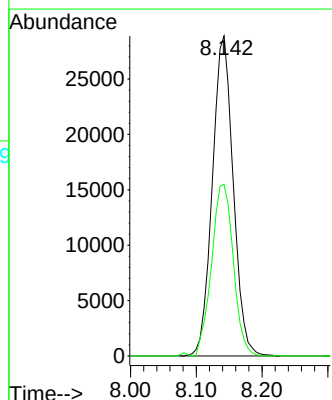
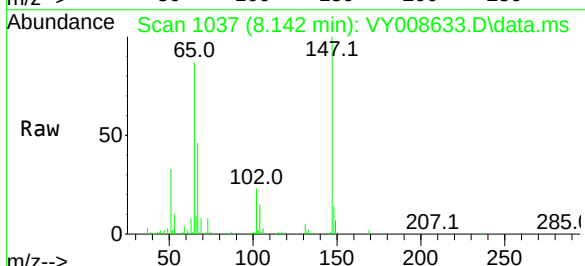
Acq: 05 May 2022 00:30

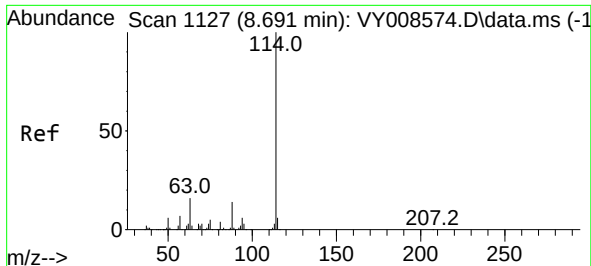
Tgt Ion: 65 Resp: 63835

Ion Ratio Lower Upper

65 100

67 55.9 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: VY008633.D

Acq: 05 May 2022 00:30

Instrument :

MSVOA_Y

ClientSampleId :

SS09-1-2-FT

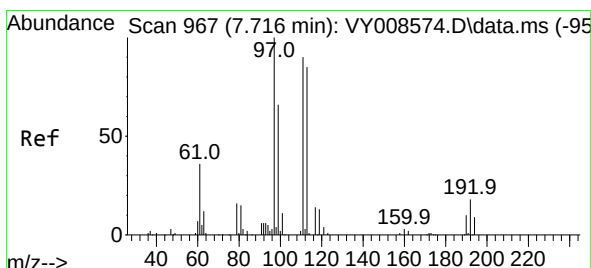
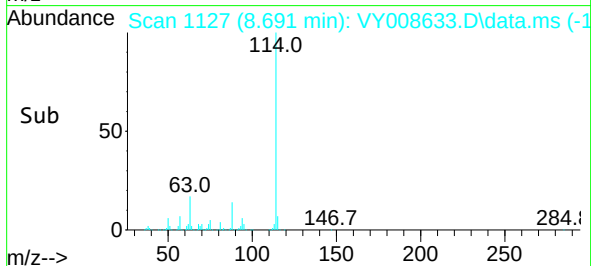
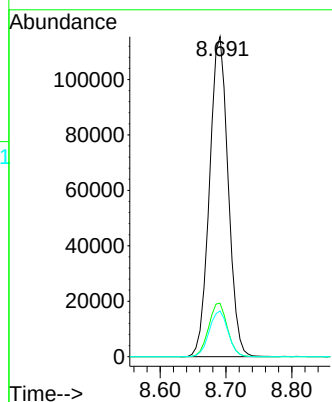
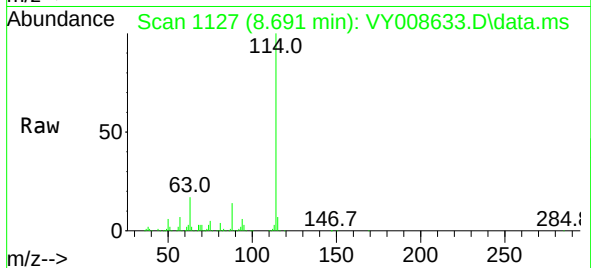
Tgt Ion:114 Resp: 227290

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.024 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008633.D

Acq: 05 May 2022 00:30

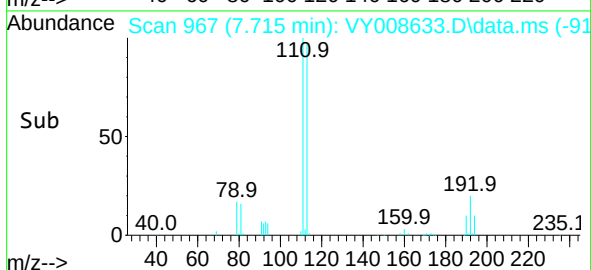
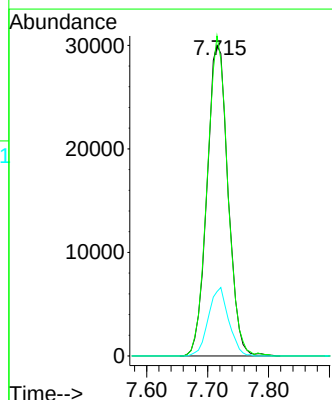
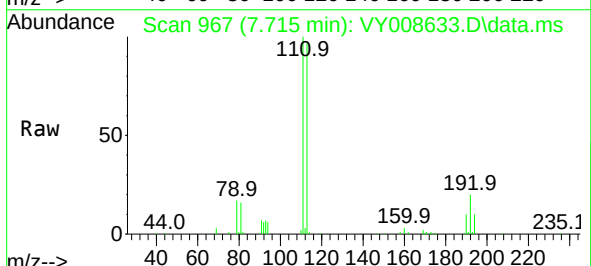
Tgt Ion:113 Resp: 72227

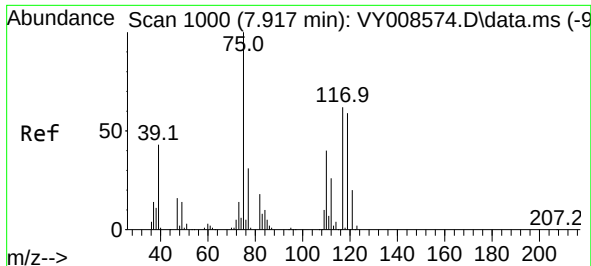
Ion Ratio Lower Upper

113 100

111 100.4 82.6 124.0

192 21.1 17.6 26.4

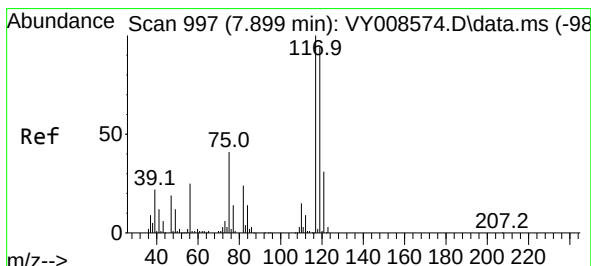
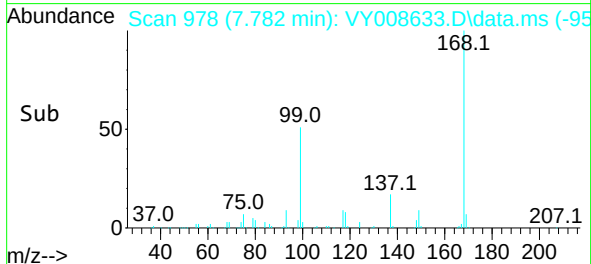
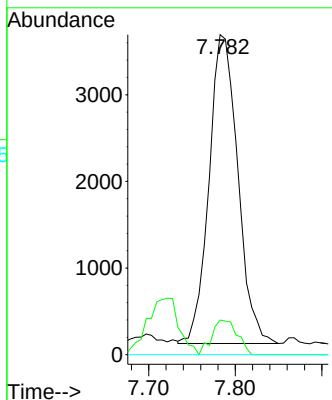
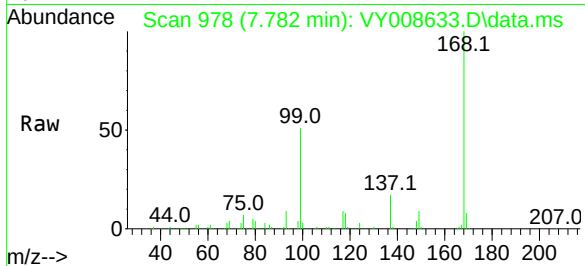




#36
1,1-Dichloropropene
Concen: 3.521 ug/l
RT: 7.782 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

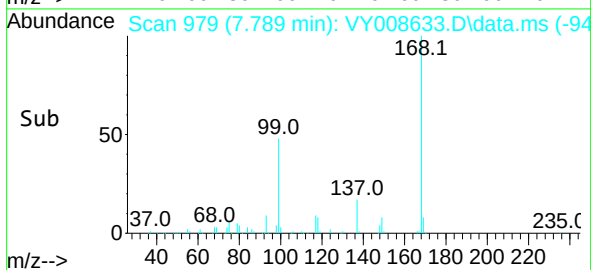
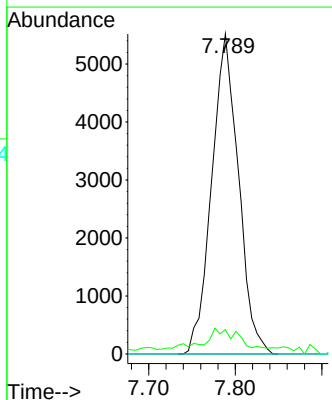
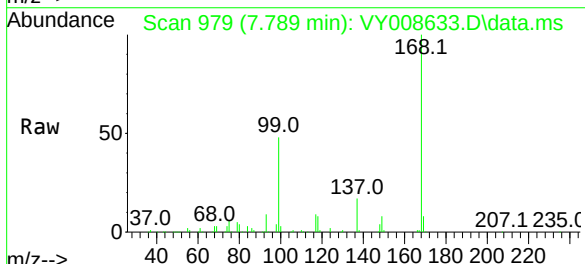
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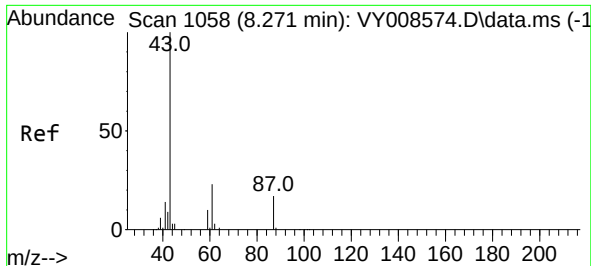
Tgt Ion: 75 Resp: 8235
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.436 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

Tgt Ion: 117 Resp: 11835
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

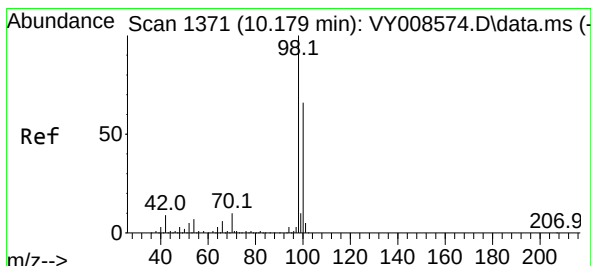
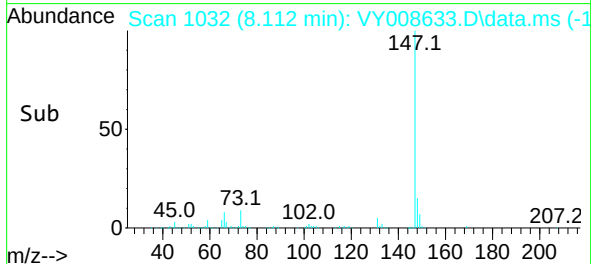
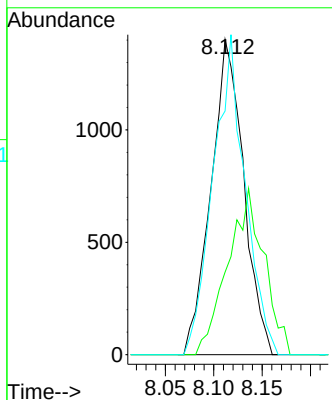
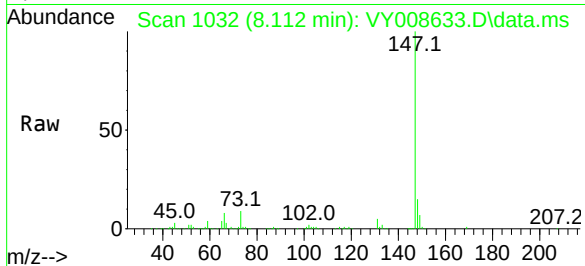




#43
Isopropyl Acetate
Concen: 1.508 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.159 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

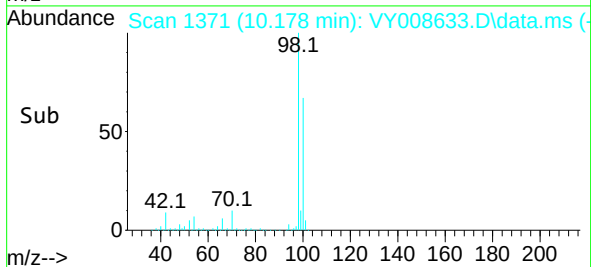
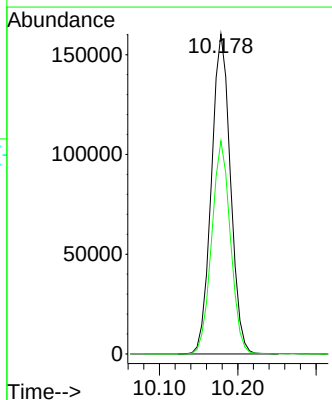
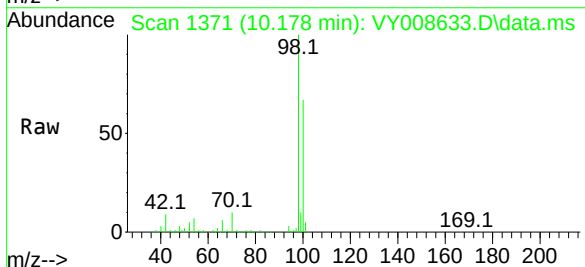
Instrument : MSVOA_Y
ClientSampleId : SS09-1-2-FT

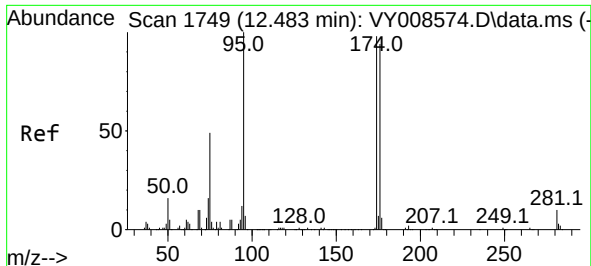
Tgt Ion: 43 Resp: 3290
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 99.0 8.9 13.3#



#50
Toluene-d8
Concen: 50.841 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

Tgt Ion: 98 Resp: 270898
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

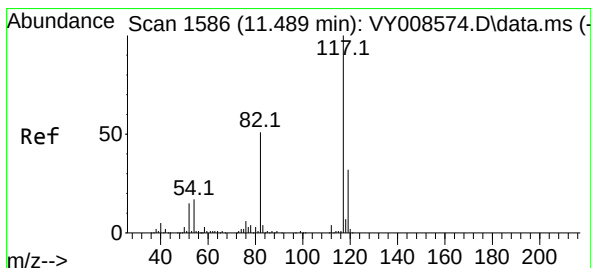
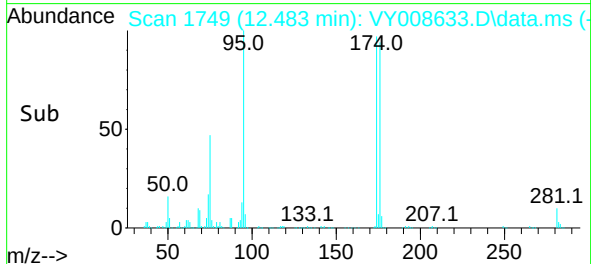
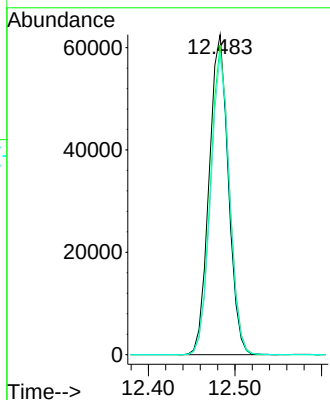
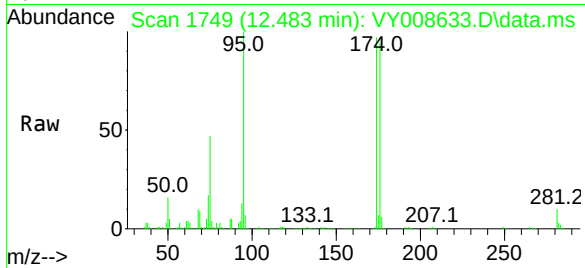




#62
4-Bromofluorobenzene
Concen: 49.362 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

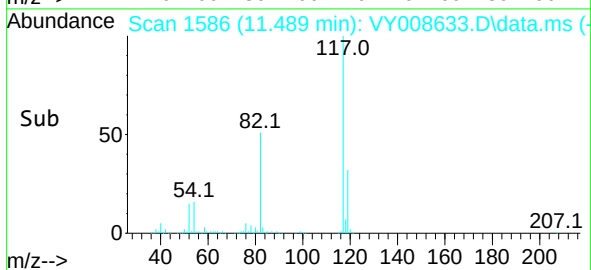
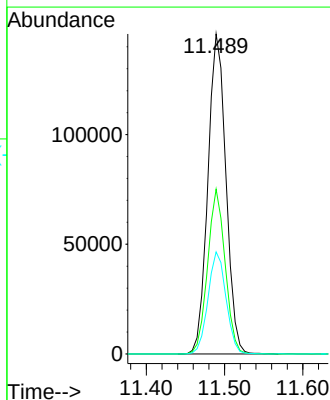
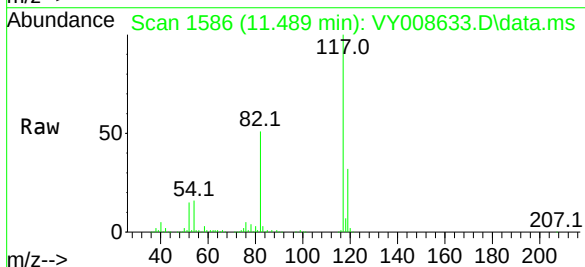
Instrument :
MSVOA_Y
ClientSampleId :
SS09-1-2-FT

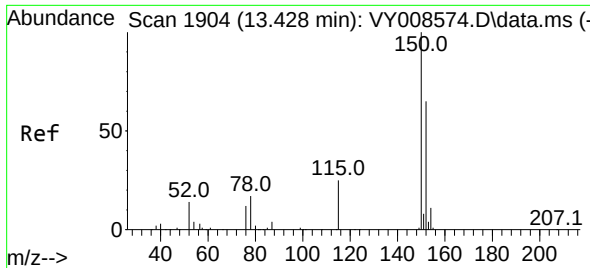
Tgt Ion: 95 Resp: 96401
Ion Ratio Lower Upper
95 100
174 95.3 0.0 177.0
176 92.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008633.D
Acq: 05 May 2022 00:30

Tgt Ion: 117 Resp: 233403
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.9 25.4 38.0

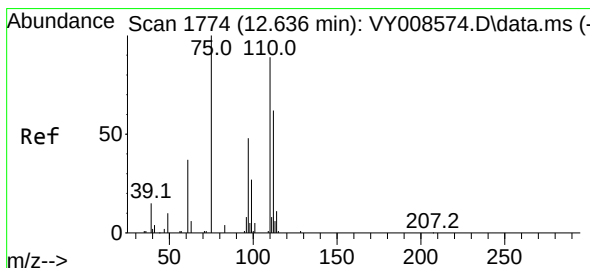
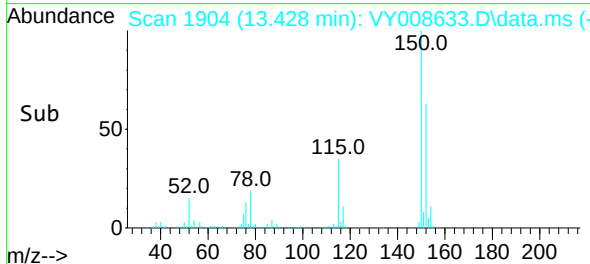
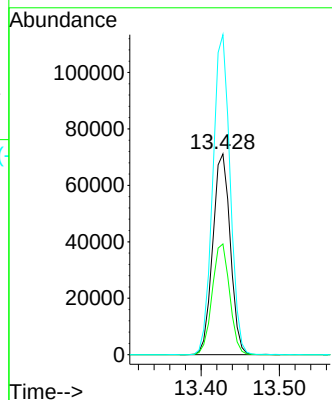
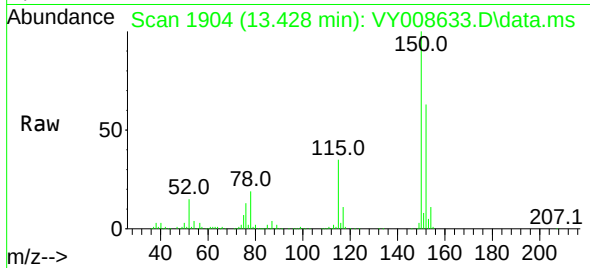




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008633.D
 Acq: 05 May 2022 00:30

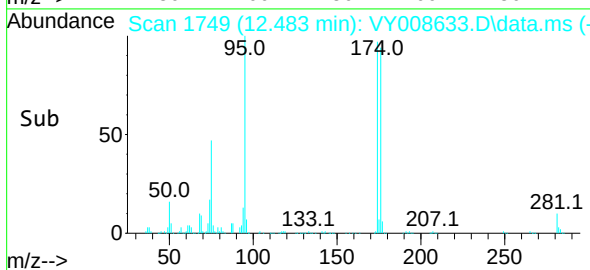
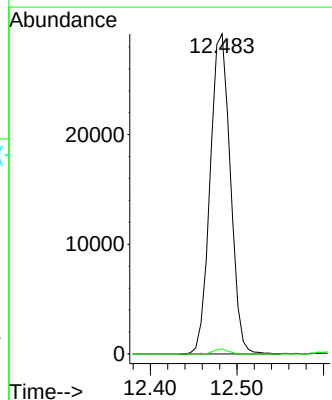
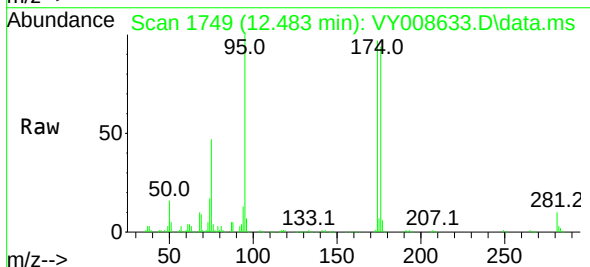
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS09-1-2-FT

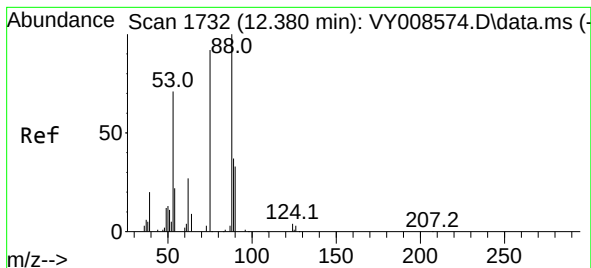
Tgt Ion:152 Resp: 110564
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.055 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY008633.D
 Acq: 05 May 2022 00:30

Tgt Ion: 75 Resp: 47275
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.209 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008633.D
 Acq: 05 May 2022 00:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS09-1-2-FT

Tgt Ion: 75 Resp: 47275
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

