

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008595.D
 Acq On : 03 May 2022 16:29
 Operator : KP/MD
 Sample : N2618-01
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Quant Time: May 04 02:42:28 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

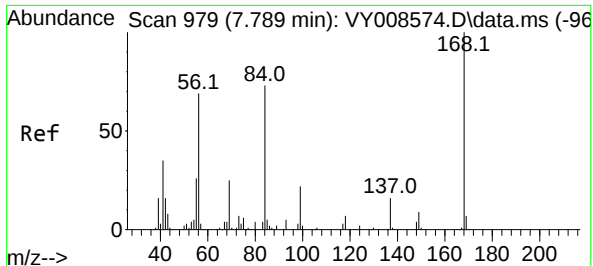
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	132452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59263	46.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.716	113	66666	46.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.179	98	253943	50.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.483	95	89837	48.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	195	Below Cal		81
11) Tert butyl alcohol	4.966	59	148	Below Cal	#	77
16) Acetone	3.948	43	416	1.500	ug/l	97
18) Methyl Acetate	4.484	43	184	Below Cal		99
20) Methylene Chloride	4.716	84	6872	Below Cal	#	84
36) 1,1-Dichloropropene	7.789	75	8379	3.784	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	11628	4.603	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	46902	42.495	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	46902	86.154	ug/l	# 8

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

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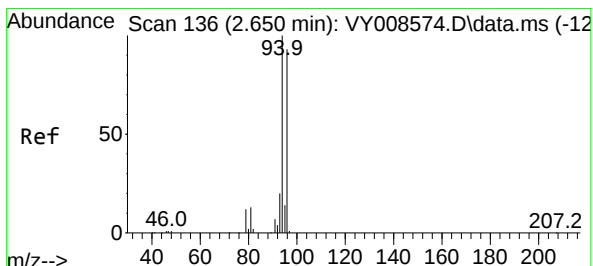
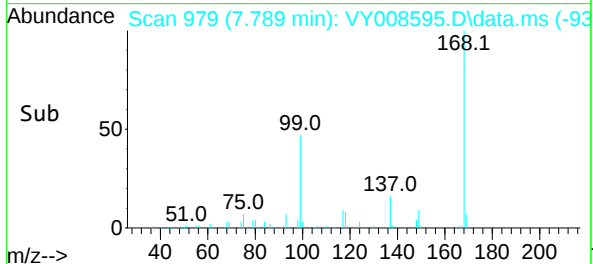
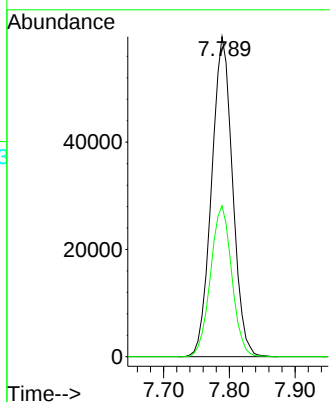
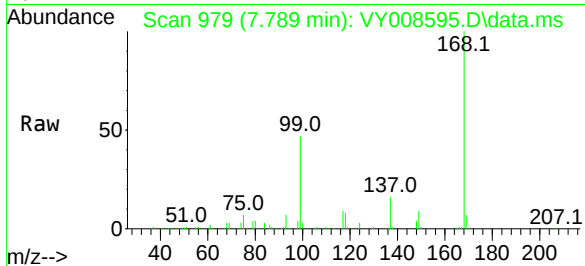




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

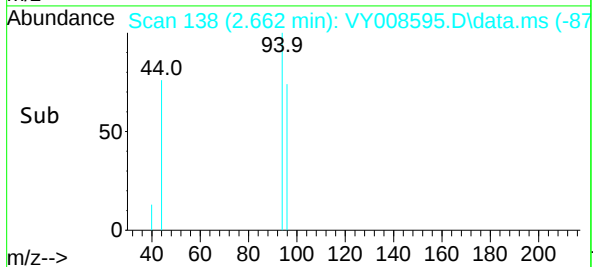
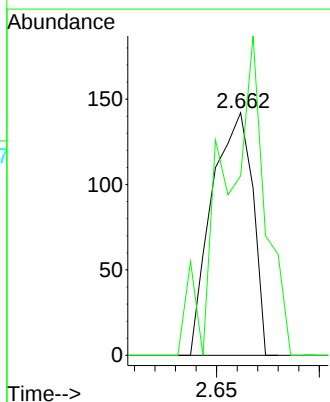
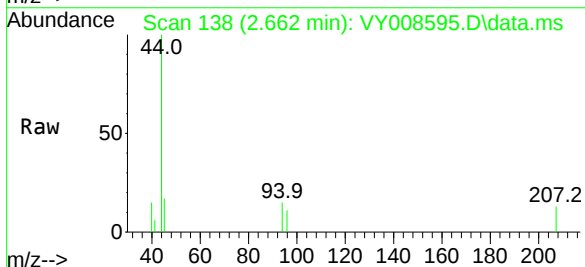
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

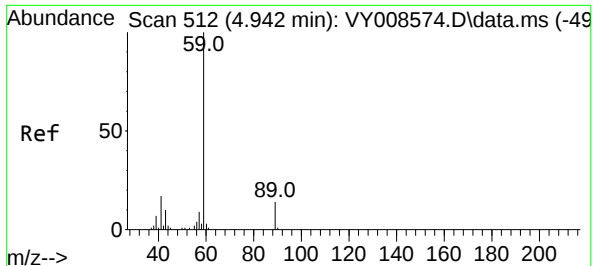
Tgt Ion:168 Resp: 132452
Ion Ratio Lower Upper
168 100
99 47.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

Tgt Ion: 94 Resp: 195
Ion Ratio Lower Upper
94 100
96 73.9 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.966 min Scan# 512

Delta R.T. 0.024 min

Lab File: VY008595.D

Acq: 03 May 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

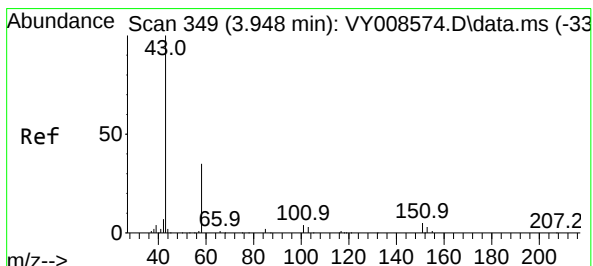
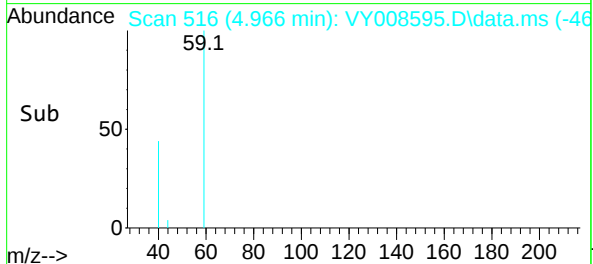
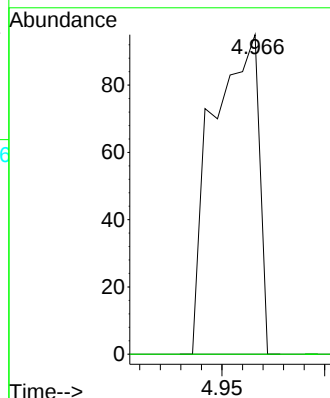
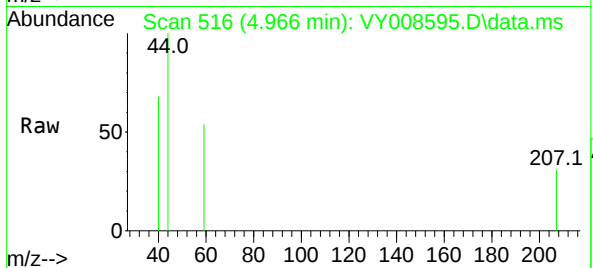
SB-01

Tgt Ion: 59 Resp: 148

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.500 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY008595.D

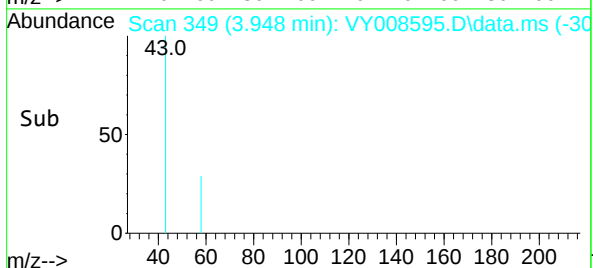
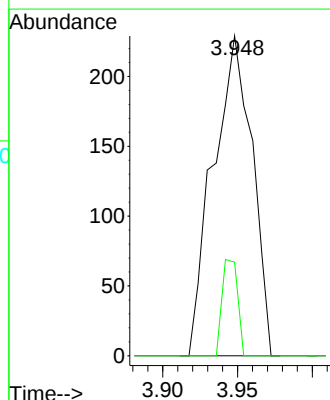
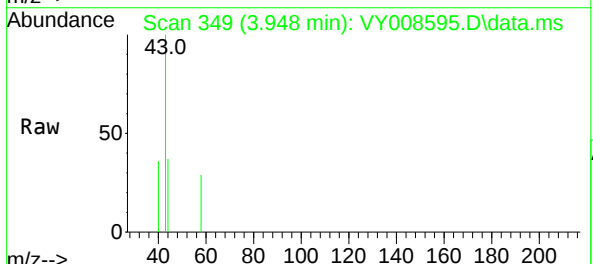
Acq: 03 May 2022 16:29

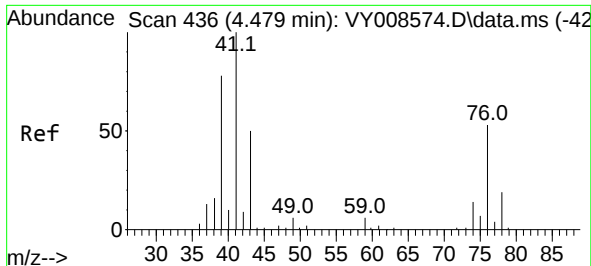
Tgt Ion: 43 Resp: 416

Ion Ratio Lower Upper

43 100

58 29.3 22.0 33.0

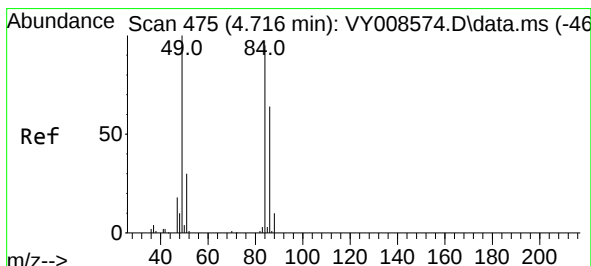
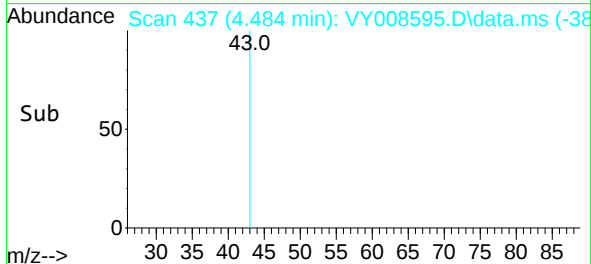
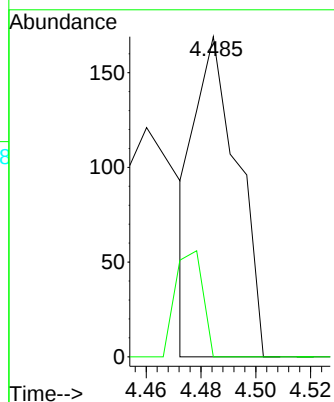
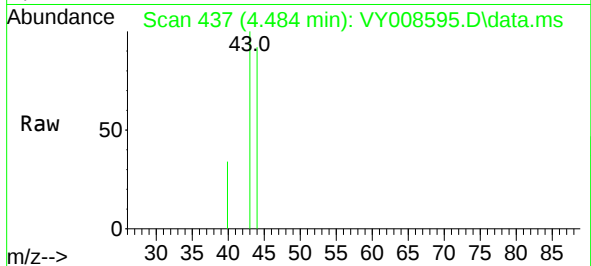




#18
Methyl Acetate
Concen: Below Cal
RT: 4.484 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

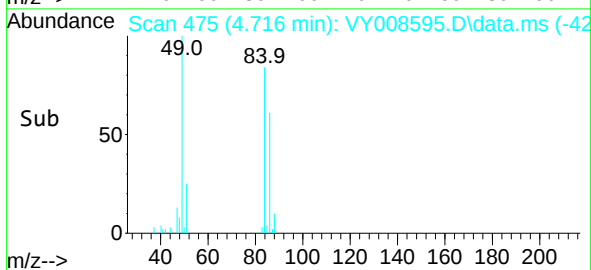
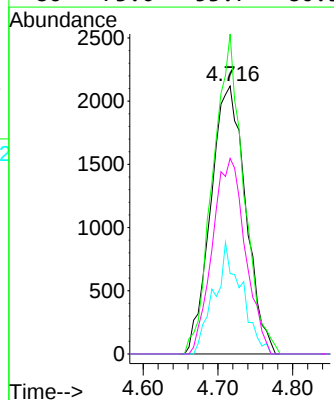
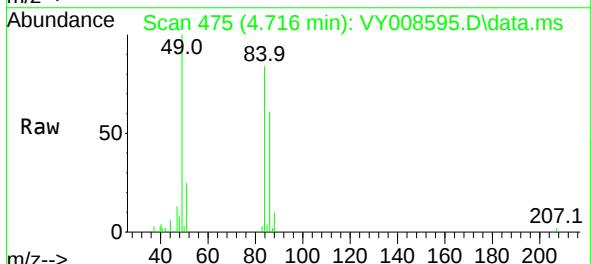
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

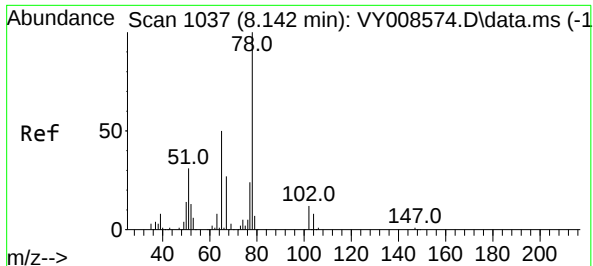
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
74 21.2 16.6 24.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

Tgt Ion: 84 Resp: 6872
Ion Ratio Lower Upper
84 100
49 119.5 114.4 171.6
51 30.0 35.3 52.9#
86 73.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 46.035 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008595.D

Acq: 03 May 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

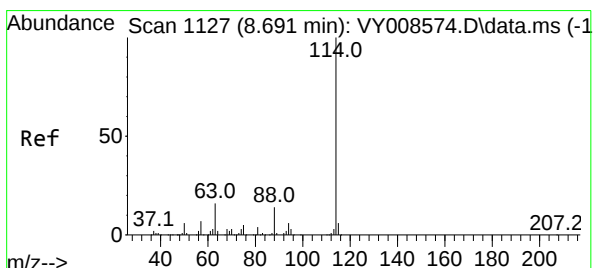
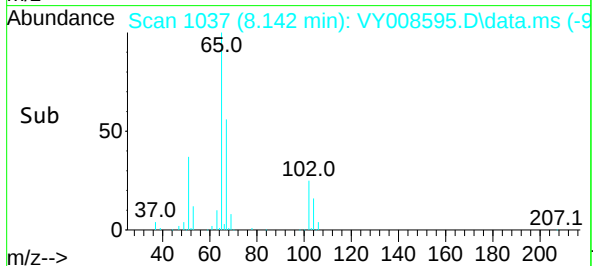
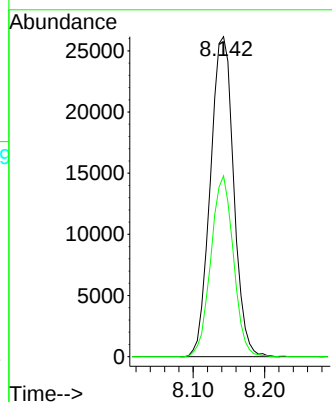
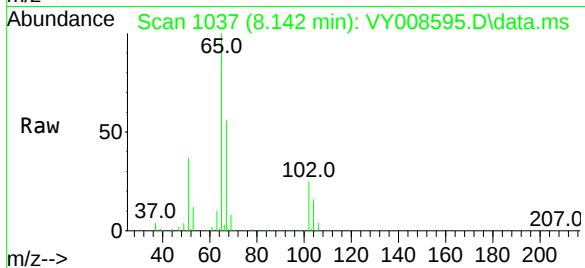
SB-01

Tgt Ion: 65 Resp: 59263

Ion Ratio Lower Upper

65 100

67 54.5 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: VY008595.D

Acq: 03 May 2022 16:29

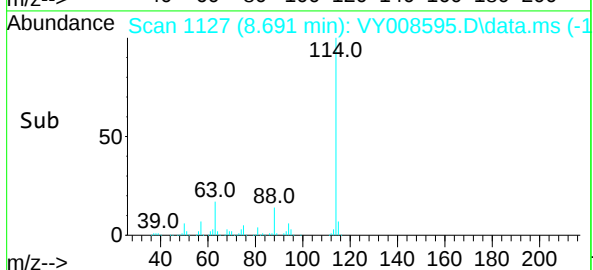
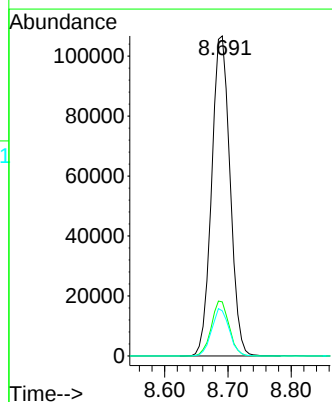
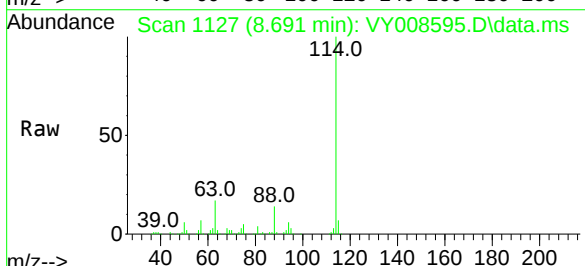
Tgt Ion: 114 Resp: 215187

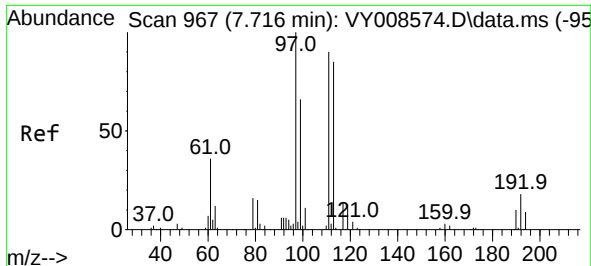
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.1 0.0 31.8

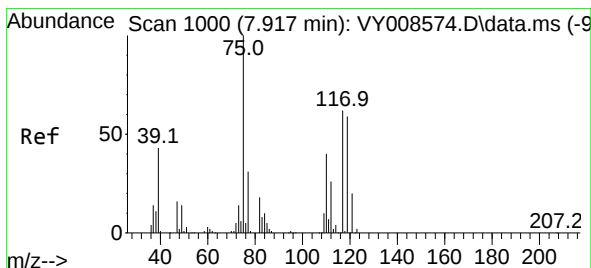
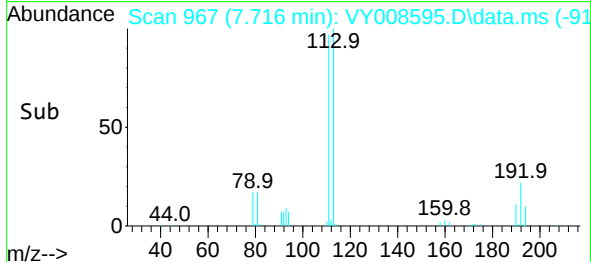
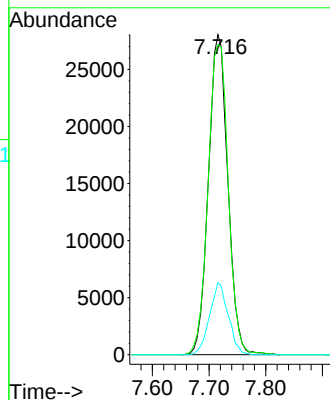
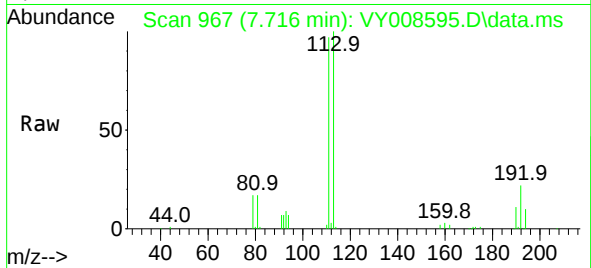




#35
Dibromofluoromethane
Concen: 46.820 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

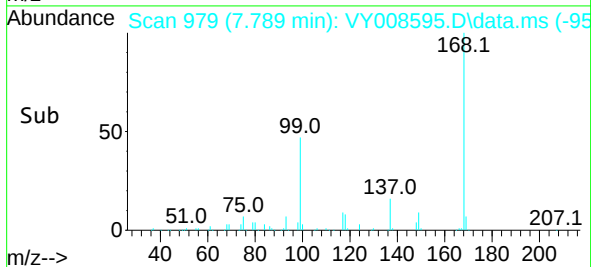
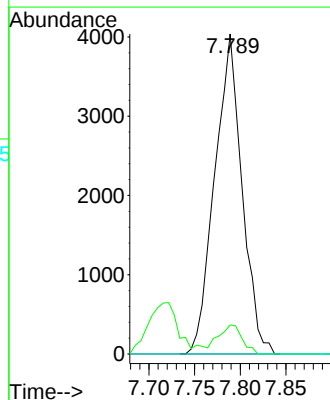
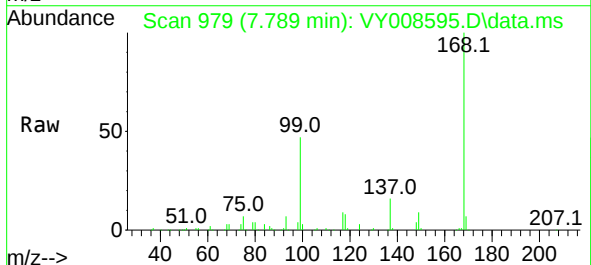
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

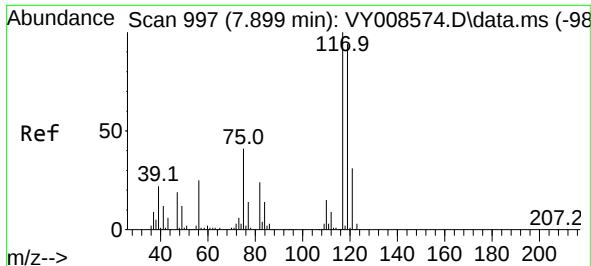
Tgt Ion:113 Resp: 66666
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.784 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

Tgt Ion: 75 Resp: 8379
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#

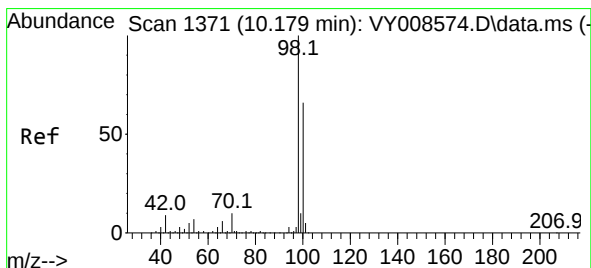
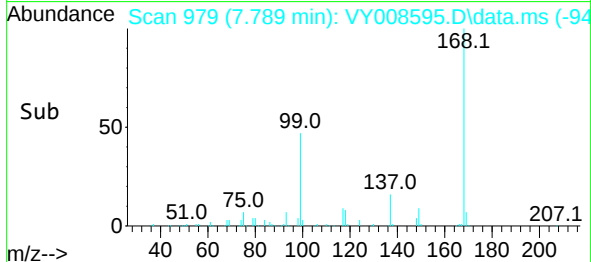
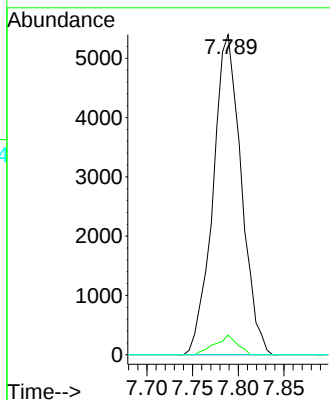
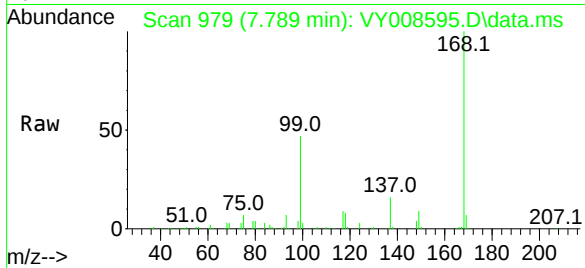




#38
Carbon Tetrachloride
Concen: 4.603 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

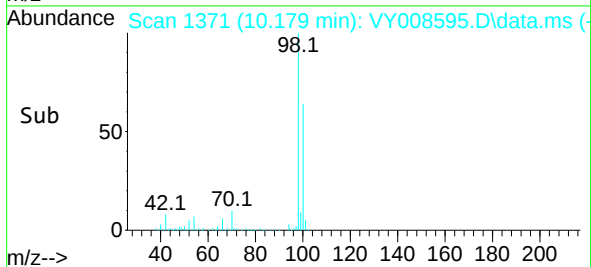
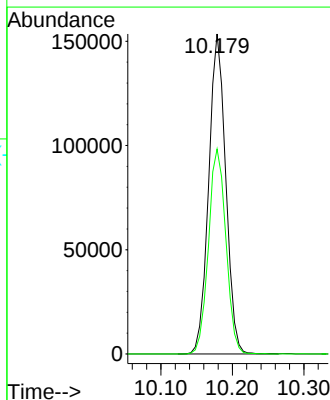
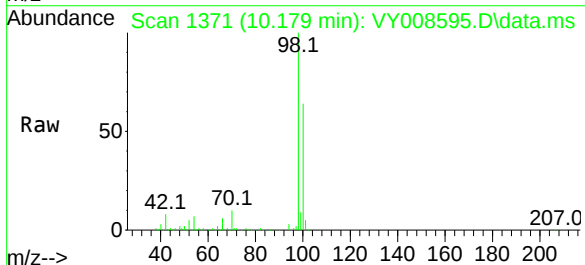
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ClientSampleId :
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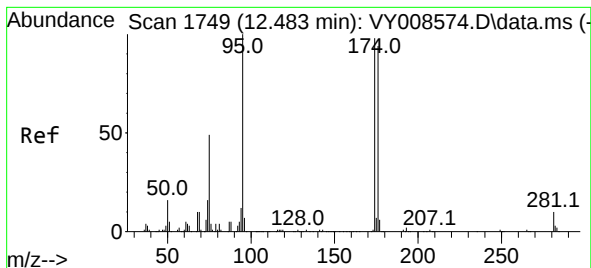
Tgt Ion:117 Resp: 11628
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.340 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

Tgt Ion: 98 Resp: 253943
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

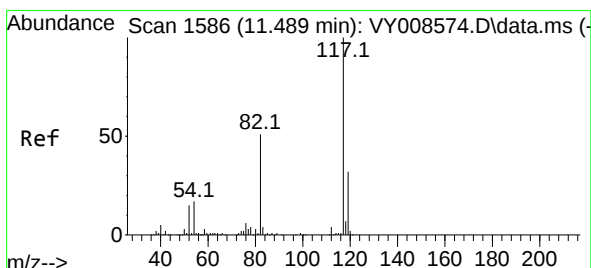
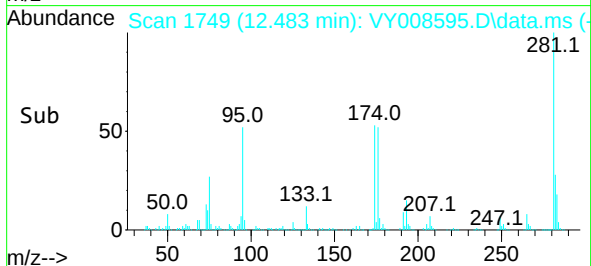
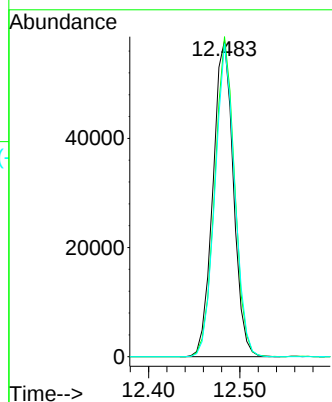
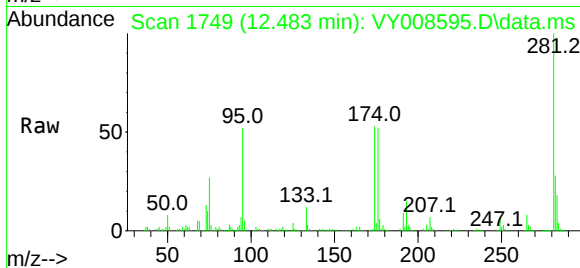




#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

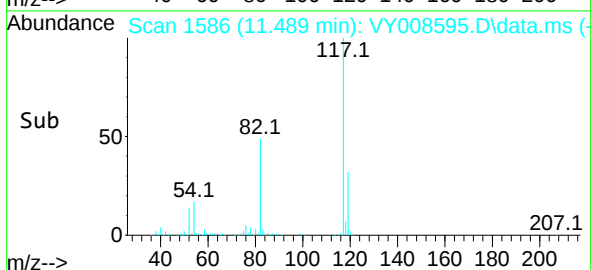
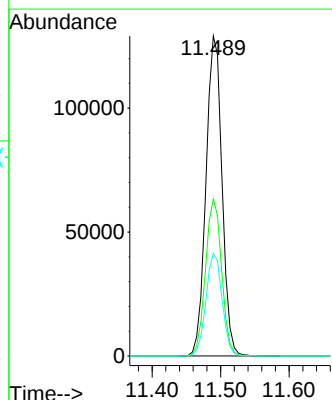
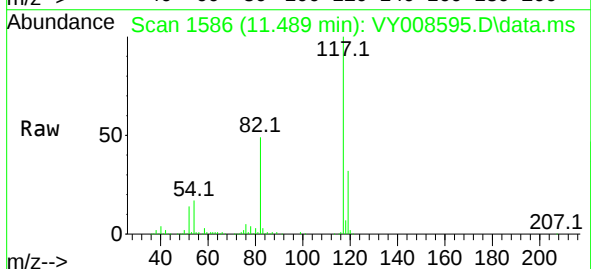
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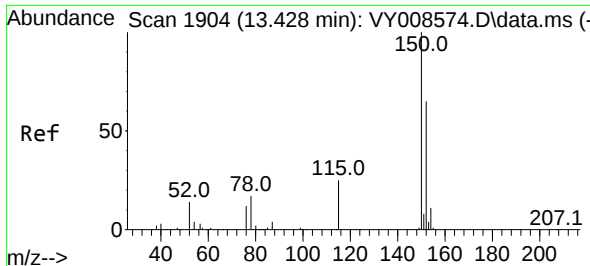
Tgt Ion: 95 Resp: 89837
Ion Ratio Lower Upper
95 100
174 98.0 0.0 177.0
176 95.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

Tgt Ion: 117 Resp: 210326
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 32.0 25.4 38.0

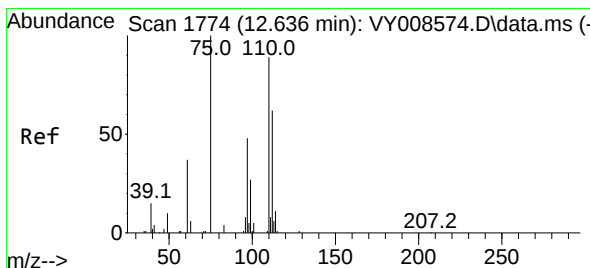
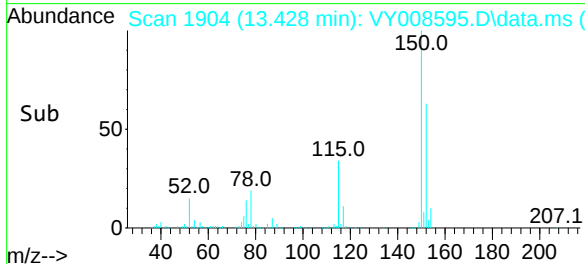
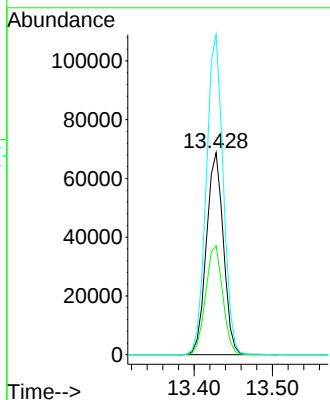
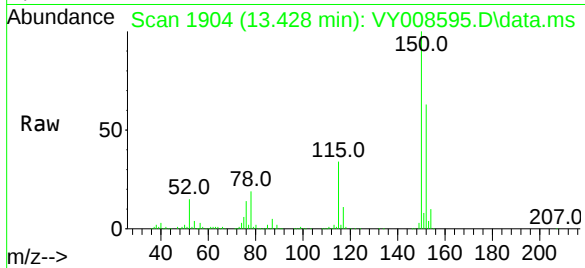




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008595.D
 Acq: 03 May 2022 16:29

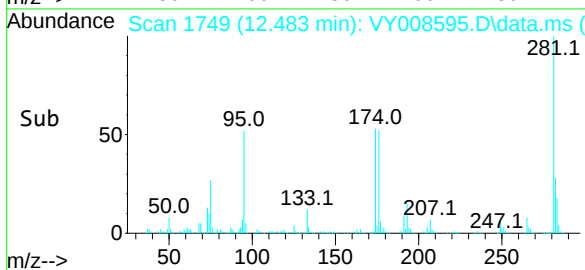
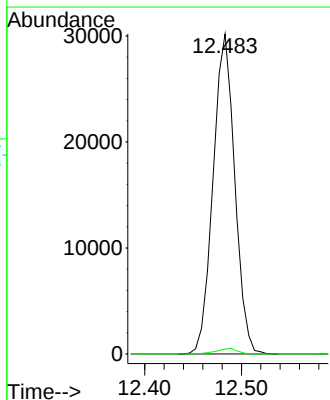
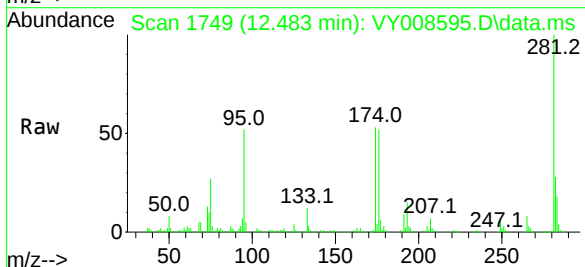
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

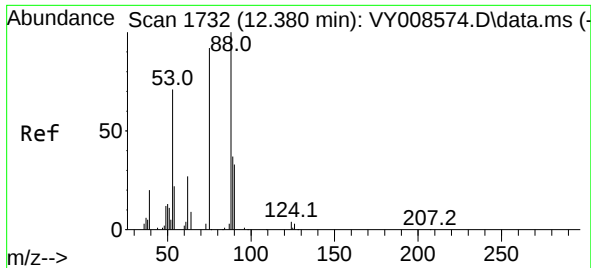
Tgt Ion:152 Resp: 103395
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.495 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY008595.D
 Acq: 03 May 2022 16:29

Tgt Ion: 75 Resp: 46902
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.154 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008595.D
 Acq: 03 May 2022 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Tgt Ion: 75 Resp: 46902
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 2.7 37.0 55.4#

