

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027287.D
 Acq On : 03 Mar 2022 22:34
 Operator : JC/MD
 Sample : N1728-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(MAR)

Quant Time: Mar 04 02:42:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 2022
 Response via : Initial Calibration

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

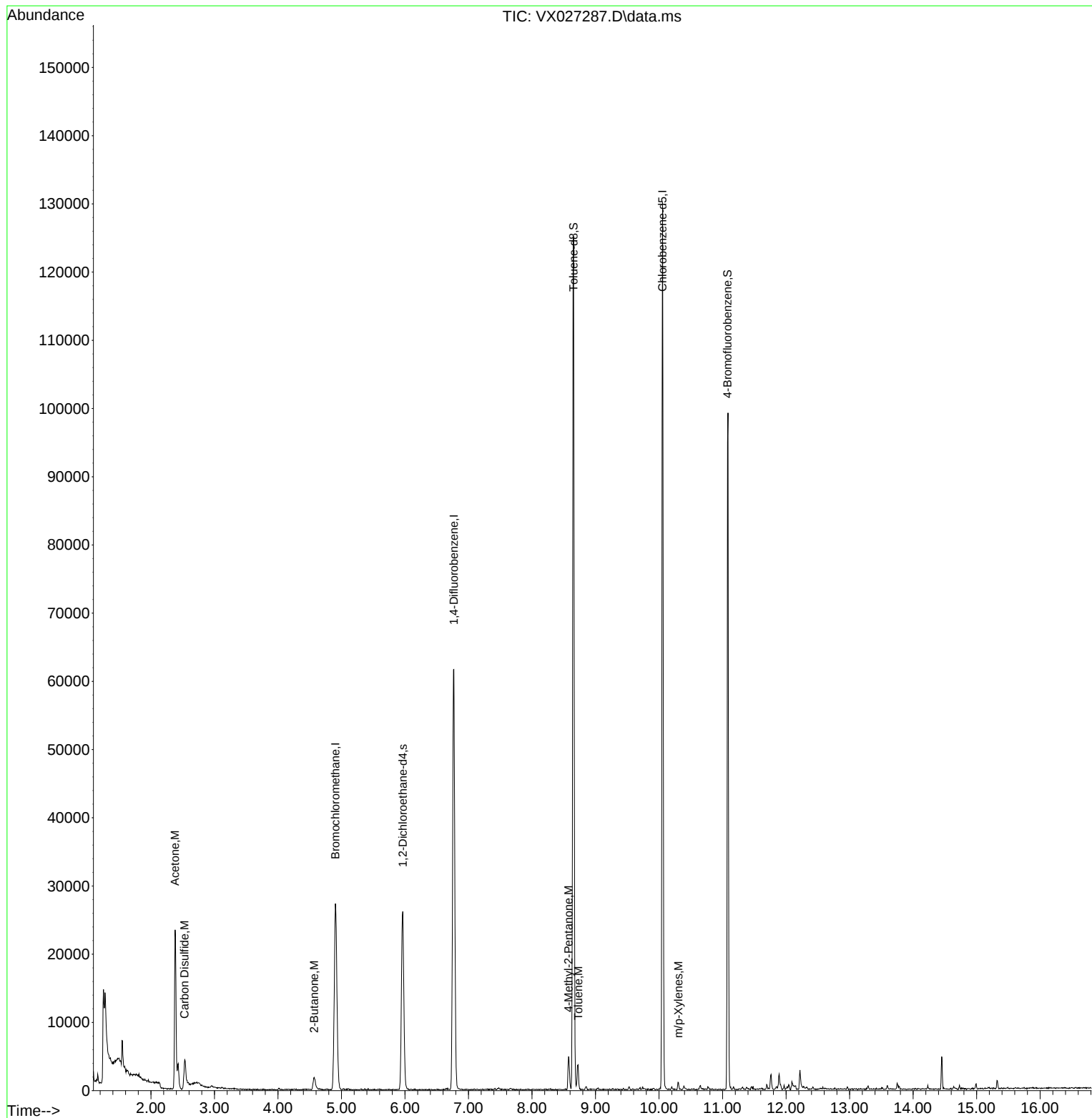
Internal Standards						
1) Bromochloromethane	4.903	128	12244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	66044	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	59631	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	25885	30.537	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.800%
60) 4-Bromofluorobenzene	11.079	95	27046	27.997	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.333%
63) Toluene-d8	8.653	98	77422	29.699	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.000%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	7861	66.560	ug/l	99
16) Carbon Disulfide	2.526	76	3111	1.671	ug/l	96
30) 2-Butanone	4.568	43	3620	6.352	ug/l #	93
58) 4-Methyl-2-Pentanone	8.574	43	3103	2.877	ug/l	97
62) Toluene	8.726	91	2752	0.847	ug/l	95
67) m/p-Xylenes	10.305	106	347	0.242	ug/l	78

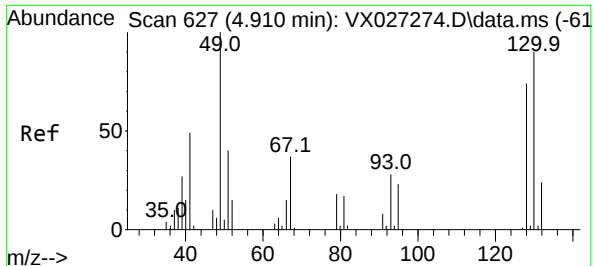
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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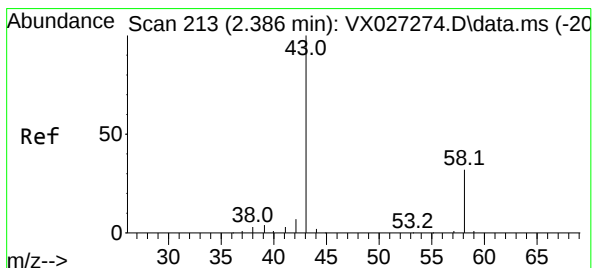
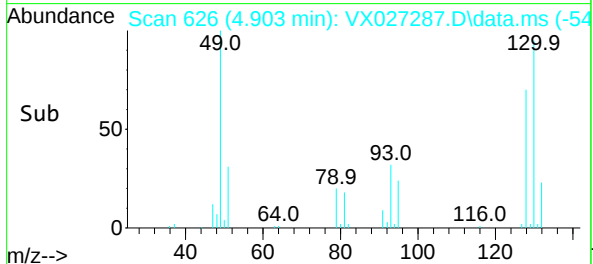
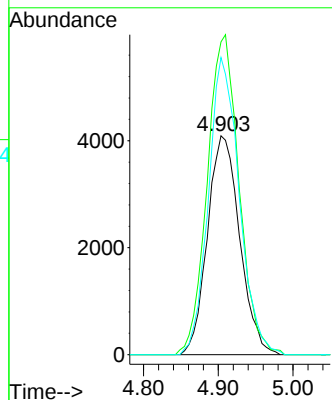
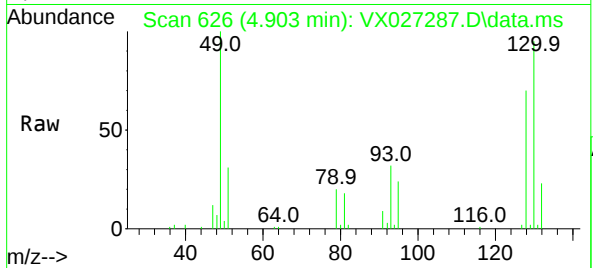




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX027287.D
Acq: 03 Mar 2022 22:34

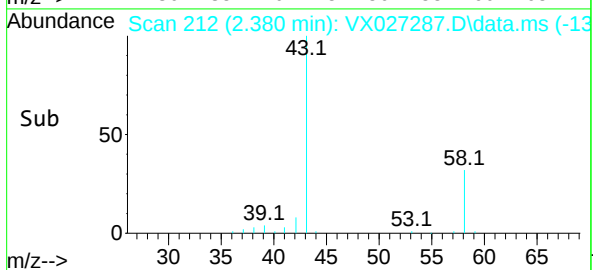
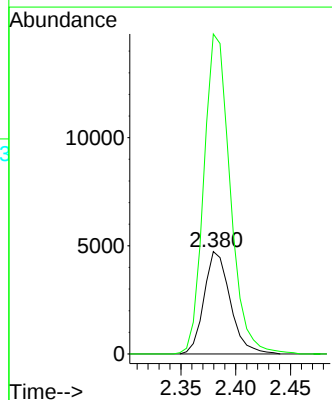
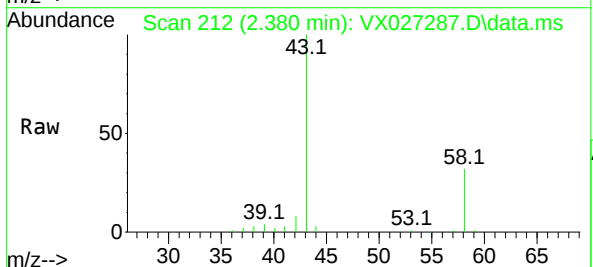
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MAR)

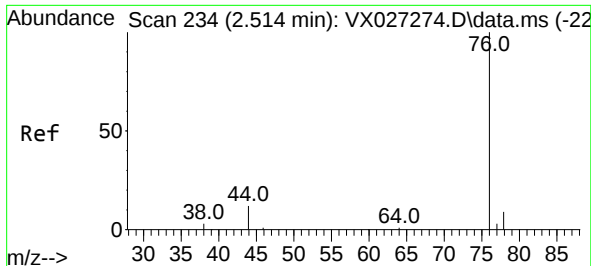
Tgt Ion:128 Resp: 12244
Ion Ratio Lower Upper
128 100
49 144.0 0.0 358.3
130 130.0 0.0 319.3



#15
Acetone
Concen: 66.560 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027287.D
Acq: 03 Mar 2022 22:34

Tgt Ion: 58 Resp: 7861
Ion Ratio Lower Upper
58 100
43 311.3 250.2 375.2

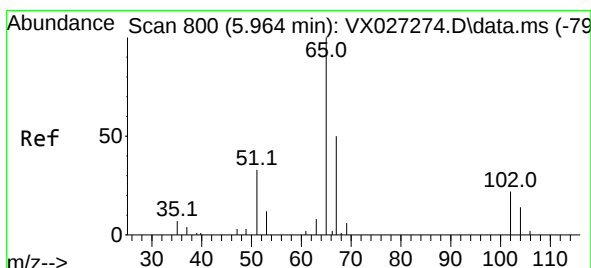
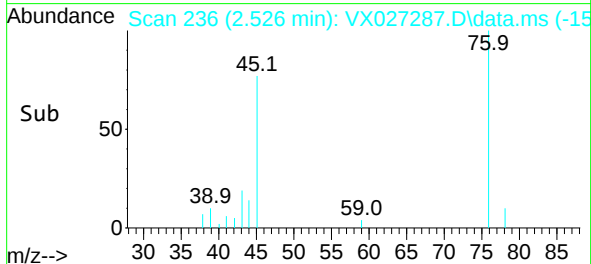
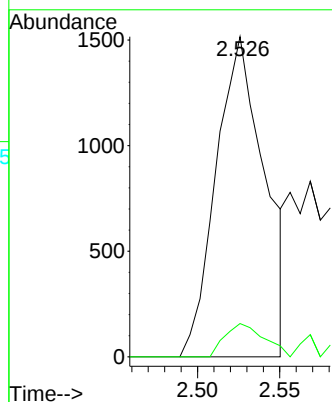
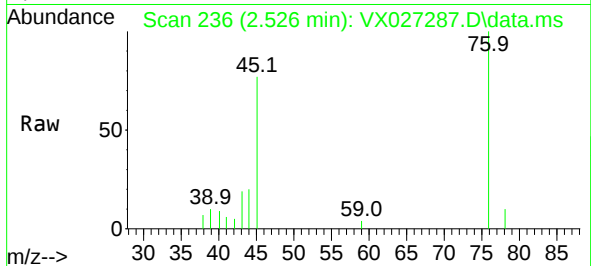




#16
Carbon Disulfide
Concen: 1.671 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027287.D
Acq: 03 Mar 2022 22:34

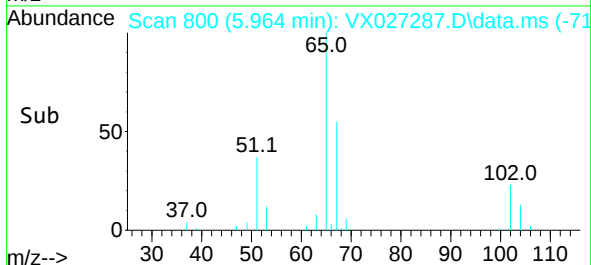
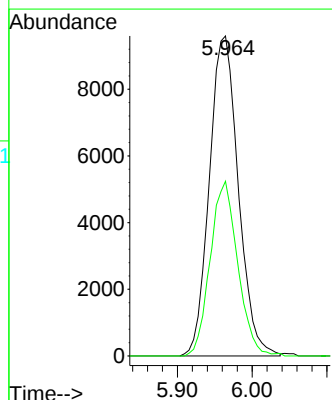
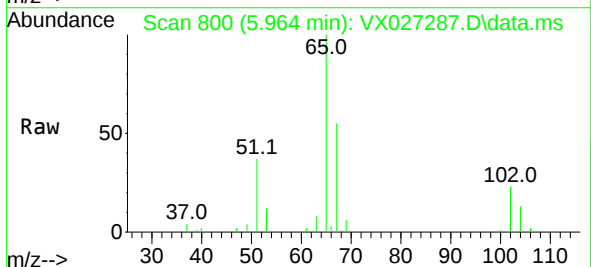
Instrument :
MSVOA_X
ClientSampleId :
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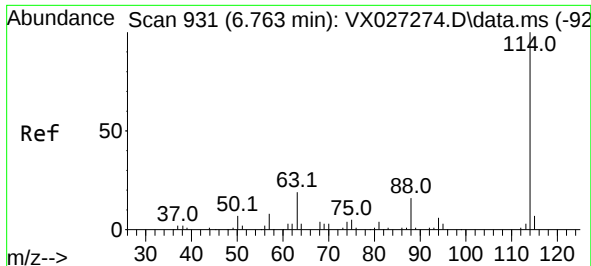
Tgt Ion: 76 Resp: 3111
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7



#27
1,2-Dichloroethane-d4
Concen: 30.537 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX027287.D
Acq: 03 Mar 2022 22:34

Tgt Ion: 65 Resp: 25885
Ion Ratio Lower Upper
65 100
67 51.7 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX027287.D

Acq: 03 Mar 2022 22:34

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(MAR)

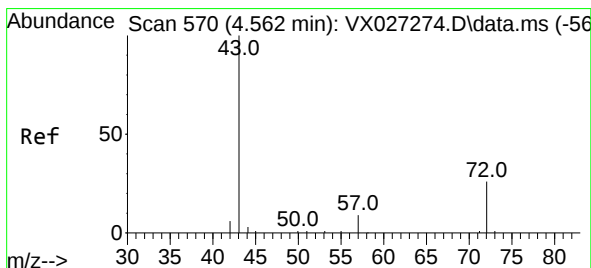
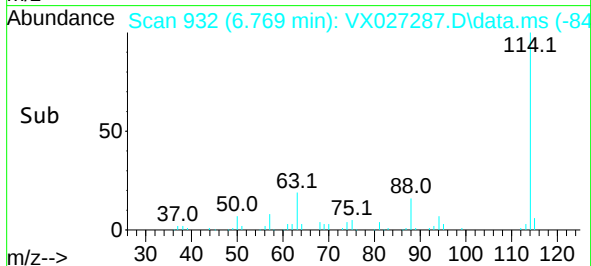
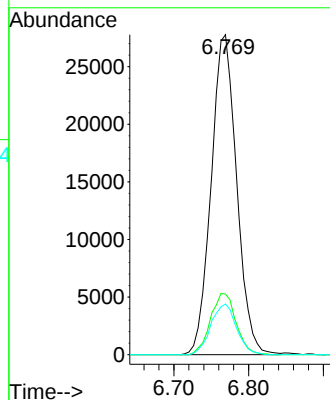
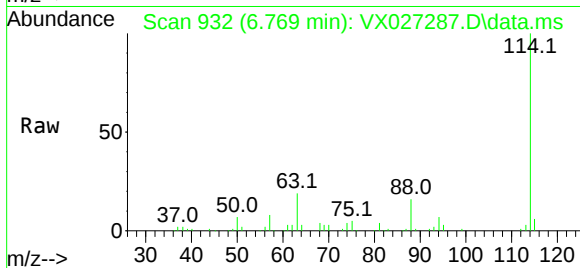
Tgt Ion:114 Resp: 66044

Ion Ratio Lower Upper

114 100

63 19.1 15.3 22.9

88 15.9 12.2 18.4



#30

2-Butanone

Concen: 6.352 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX027287.D

Acq: 03 Mar 2022 22:34

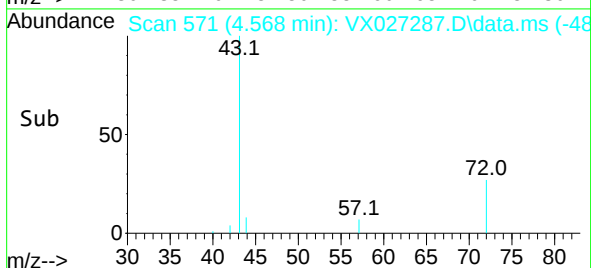
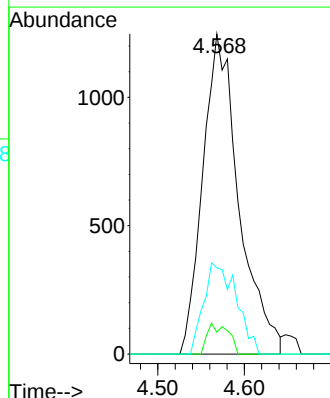
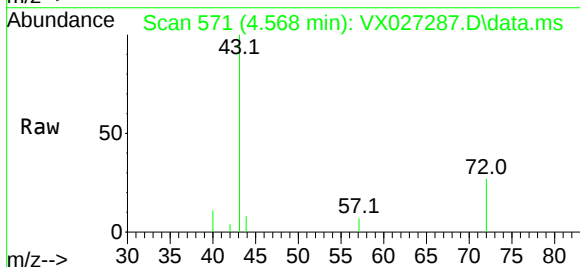
Tgt Ion: 43 Resp: 3620

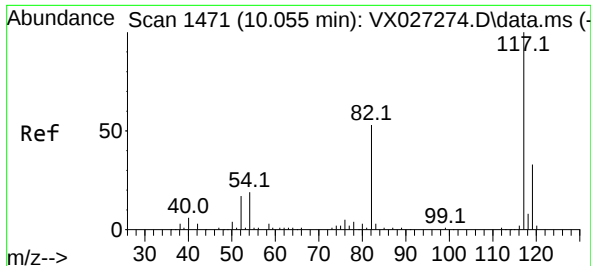
Ion Ratio Lower Upper

43 100

57 2.8 6.6 10.0#

72 25.6 22.1 33.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX027287.D

Acq: 03 Mar 2022 22:34

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(MAR)

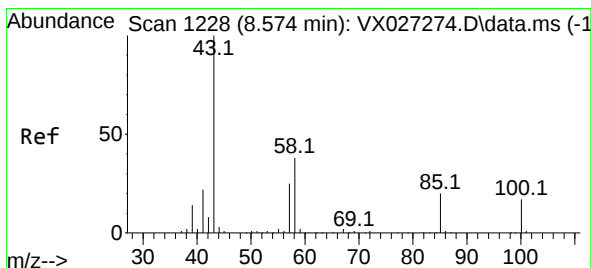
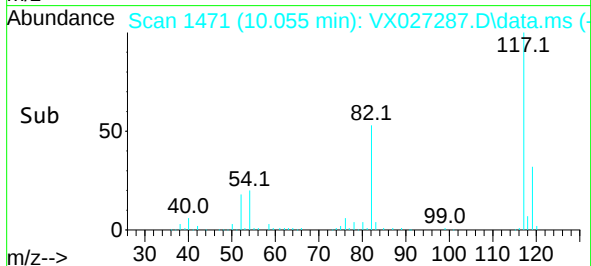
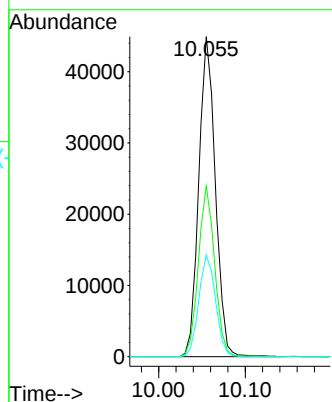
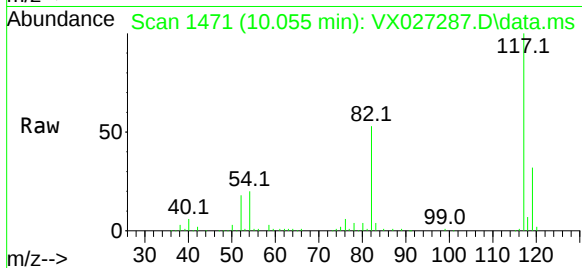
Tgt Ion:117 Resp: 59631

Ion Ratio Lower Upper

117 100

82 52.6 42.3 63.5

119 32.2 26.2 39.2



#58

4-Methyl-2-Pentanone

Concen: 2.877 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX027287.D

Acq: 03 Mar 2022 22:34

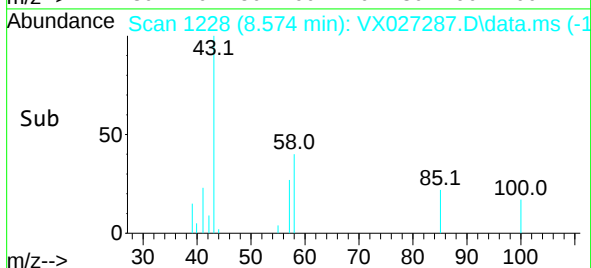
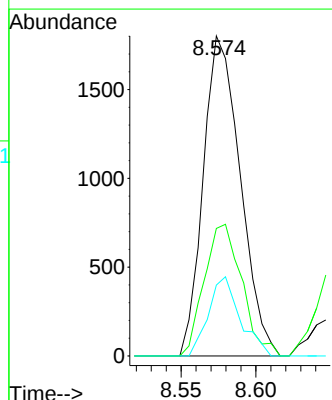
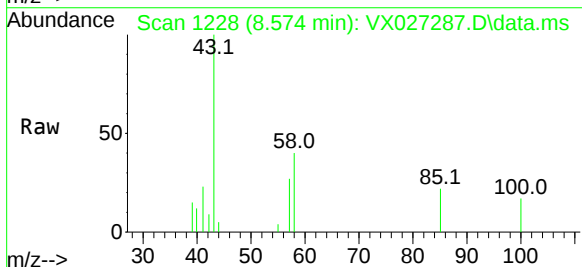
Tgt Ion: 43 Resp: 3103

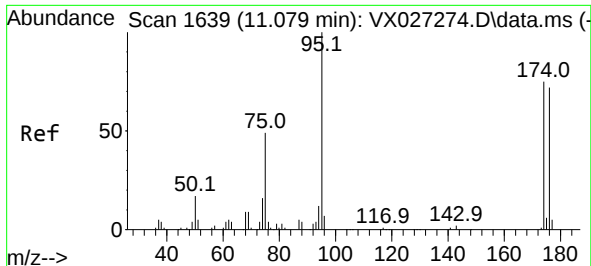
Ion Ratio Lower Upper

43 100

58 41.7 31.8 47.6

85 21.1 15.8 23.6

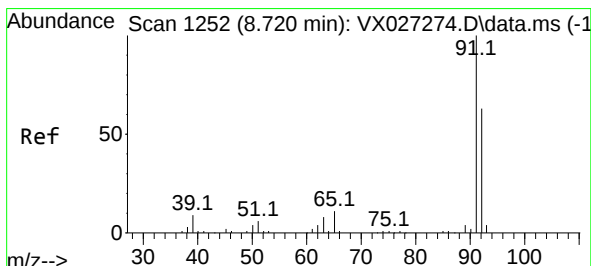
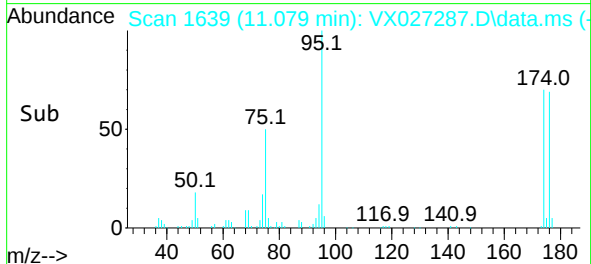
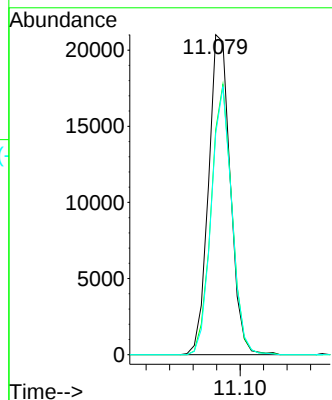
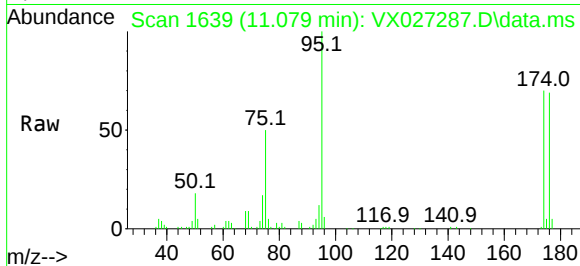




#60
4-Bromofluorobenzene
Concen: 27.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX027287.D
Acq: 03 Mar 2022 22:34

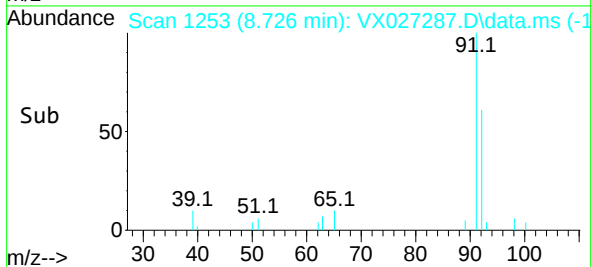
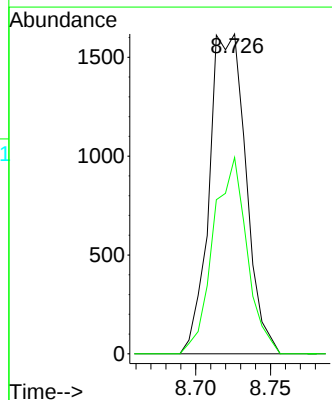
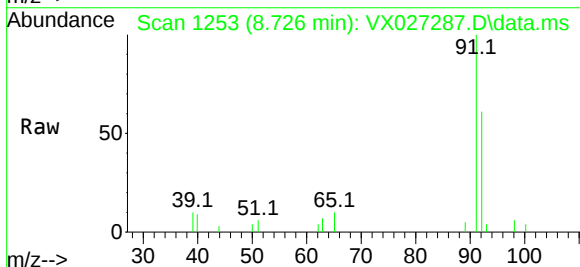
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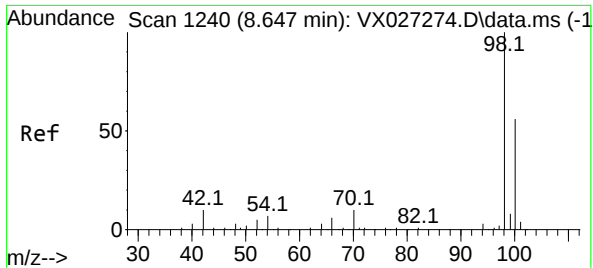
Tgt Ion: 95 Resp: 27046
Ion Ratio Lower Upper
95 100
174 80.5 65.4 98.2
176 79.1 63.4 95.0



#62
Toluene
Concen: 0.847 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027287.D
Acq: 03 Mar 2022 22:34

Tgt Ion: 91 Resp: 2752
Ion Ratio Lower Upper
91 100
92 56.7 48.1 72.1

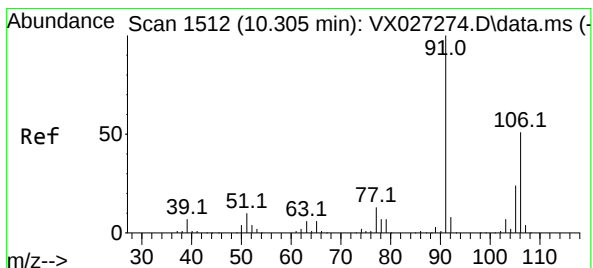
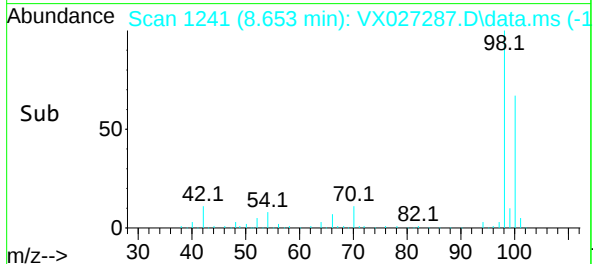
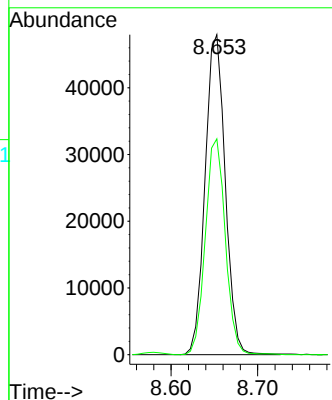
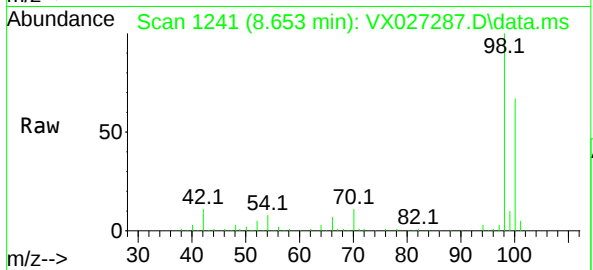




#63
Toluene-d8
Concen: 29.699 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027287.D
Acq: 03 Mar 2022 22:34

Instrument :
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002-35TH-AVE(MAR)

Tgt Ion: 98 Resp: 77422
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.2



#67
m/p-Xylenes
Concen: 0.242 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027287.D
Acq: 03 Mar 2022 22:34

Tgt Ion:106 Resp: 347
Ion Ratio Lower Upper
106 100
91 232.9 159.5 239.3

