

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061722\
 Data File : VX029550.D
 Acq On : 17 Jun 2022 18:54
 Operator : JC/MD
 Sample : N3334-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-7

Quant Time: Jun 18 00:47:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

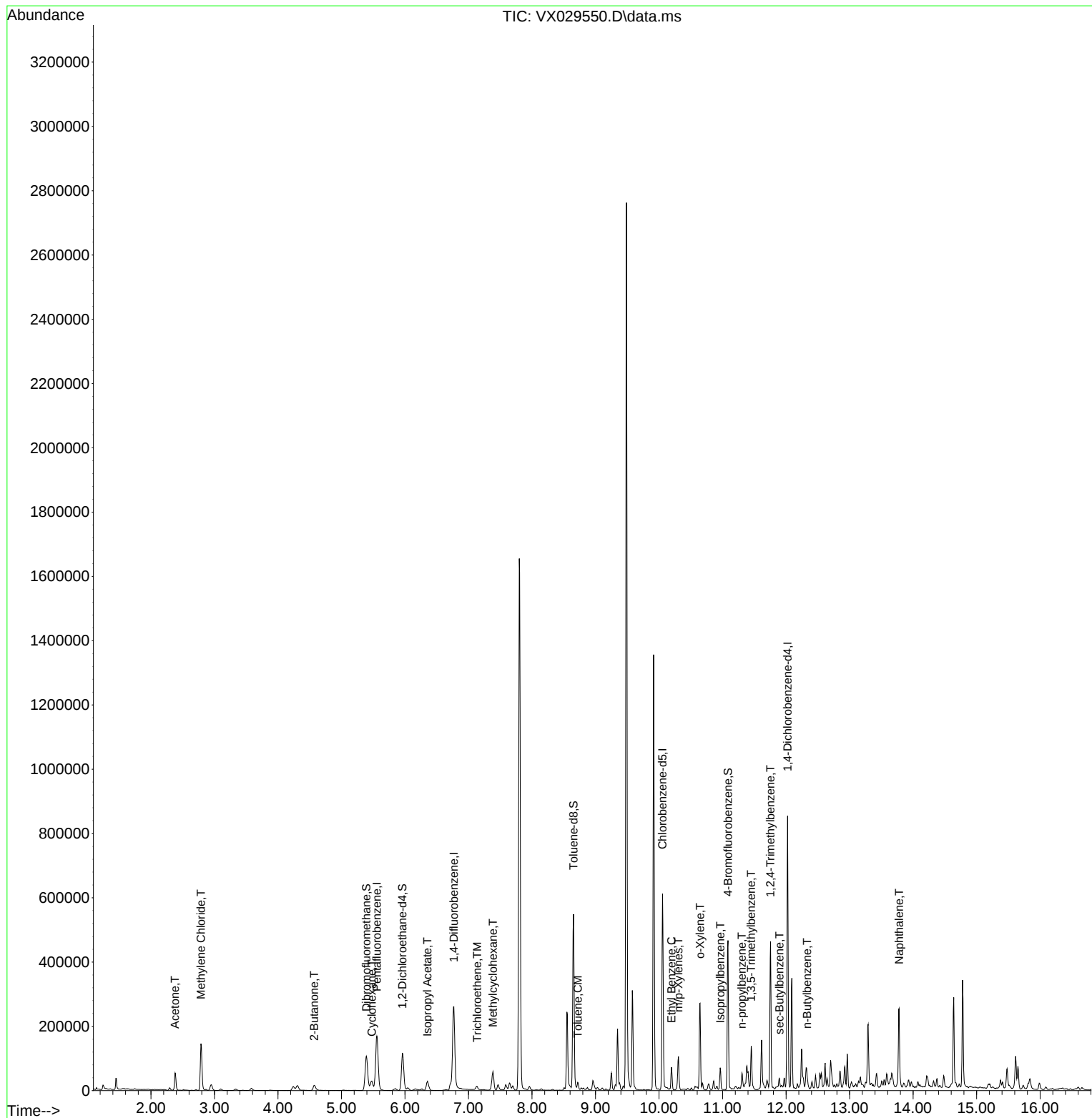
Internal Standards						
1) Pentafluorobenzene	5.556	168	160241	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	267670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111816	45.690	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.380%
35) Dibromofluoromethane	5.391	113	95198	41.835	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	83.660%
50) Toluene-d8	8.653	98	330196	41.028	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	82.060%
62) 4-Bromofluorobenzene	11.085	95	136464	43.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.660%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	56858	43.862	ug/l	94
20) Methylene Chloride	2.788	84	68444	23.643	ug/l	96
25) 2-Butanone	4.568	43	24376	11.887	ug/l	99
31) Cyclohexane	5.477	56	20745	4.776	ug/l	93
39) Methylcyclohexane	7.385	83	27244	5.884	ug/l	94
43) Isopropyl Acetate	6.355	43	27839	4.776	ug/l	94
44) Trichloroethene	7.135	130	4689	1.539	ug/l	88
52) Toluene	8.720	92	8102	1.128	ug/l	99
67) Ethyl Benzene	10.195	91	41715	3.079	ug/l	96
68) m/p-Xylenes	10.305	106	23510	4.485	ug/l	93
69) o-Xylene	10.646	106	52423	10.293	ug/l	95
73) Isopropylbenzene	10.963	105	35756	2.658	ug/l	98
78) n-propylbenzene	11.305	91	27982	1.833	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	58247	5.100	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	204469	18.138	ug/l	99
85) sec-Butylbenzene	11.896	105	14636	1.076	ug/l	86
89) n-Butylbenzene	12.329	91	9855	1.025	ug/l	# 37
95) Naphthalene	13.780	128	157770	12.672	ug/l	99

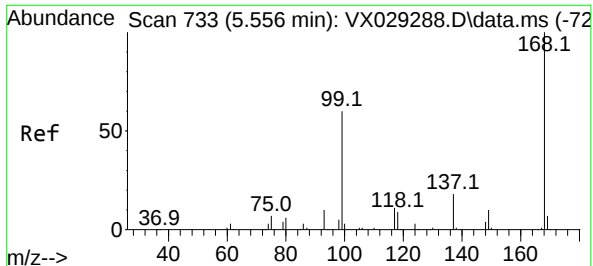
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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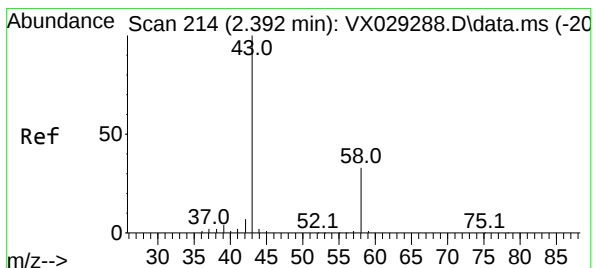
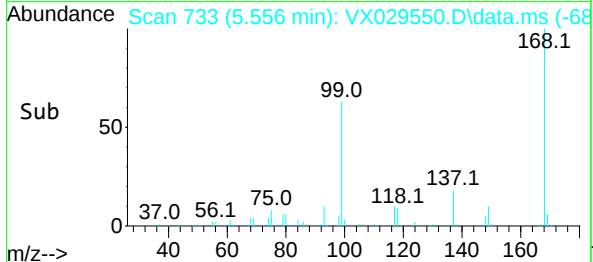
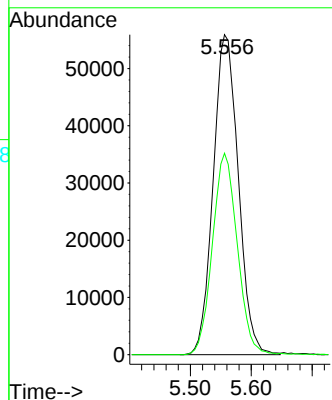
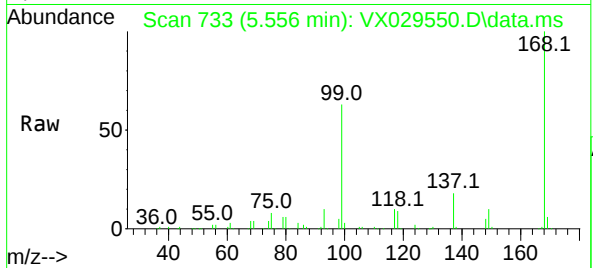




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

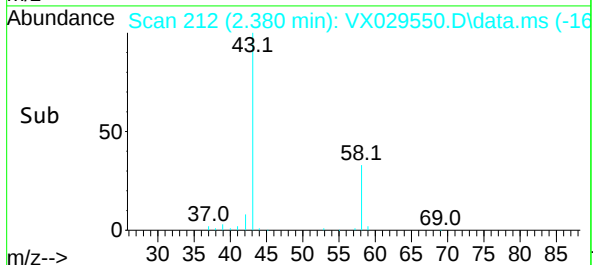
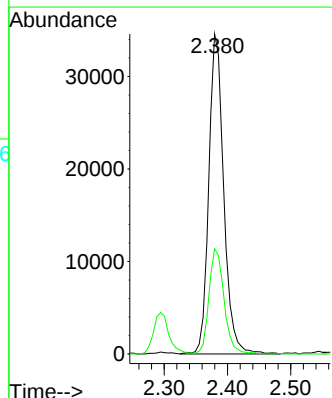
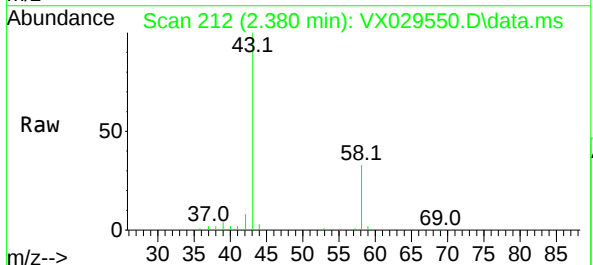
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

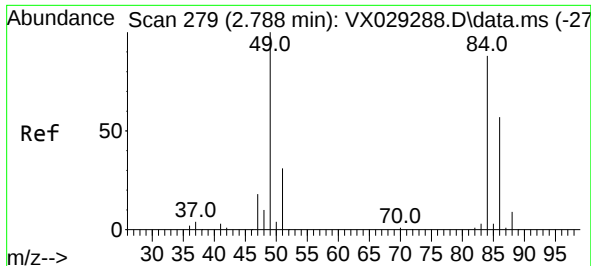
Tgt Ion:168 Resp: 160241
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5#



#16
Acetone
Concen: 43.862 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion: 43 Resp: 56858
Ion Ratio Lower Upper
43 100
58 32.7 28.8 43.2





#20

Methylene Chloride

Concen: 23.643 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029550.D

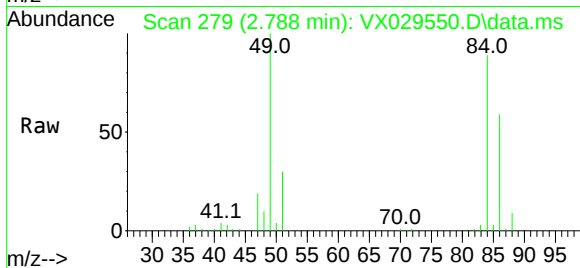
Acq: 17 Jun 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-7



Tgt Ion: 84 Resp: 68444

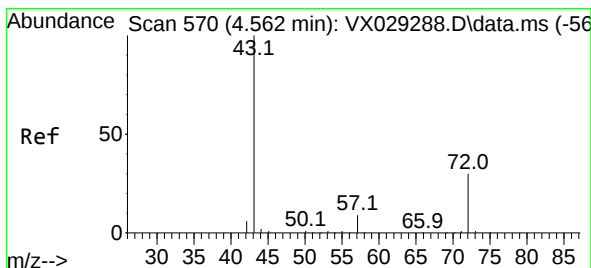
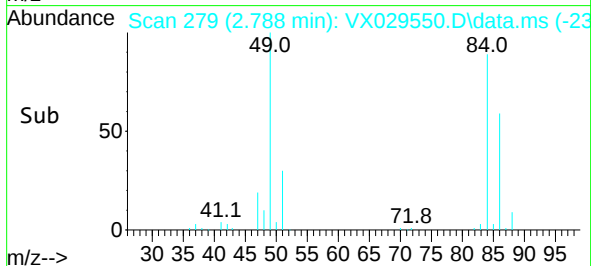
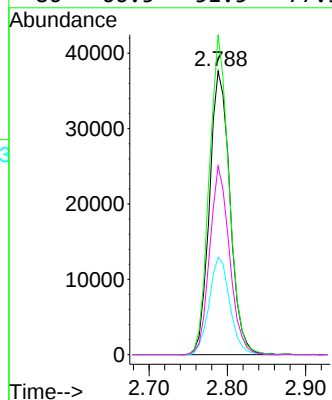
Ion Ratio Lower Upper

84 100

49 112.8 85.5 128.3

51 34.4 26.6 39.8

86 66.5 51.5 77.3



#25

2-Butanone

Concen: 11.887 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX029550.D

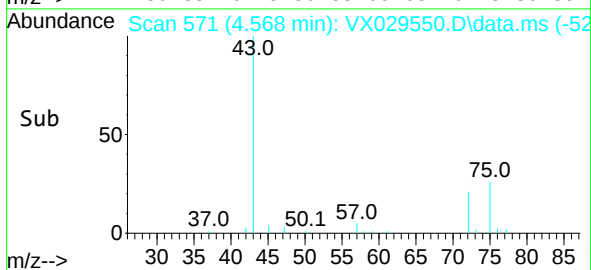
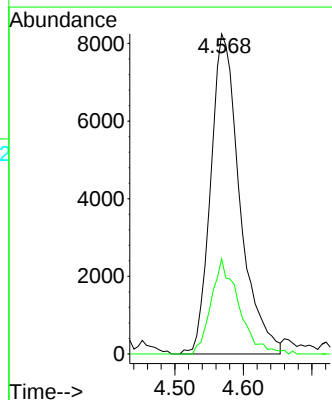
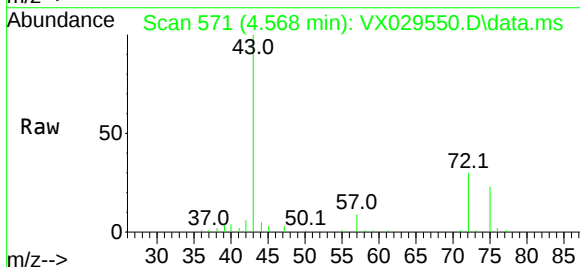
Acq: 17 Jun 2022 18:54

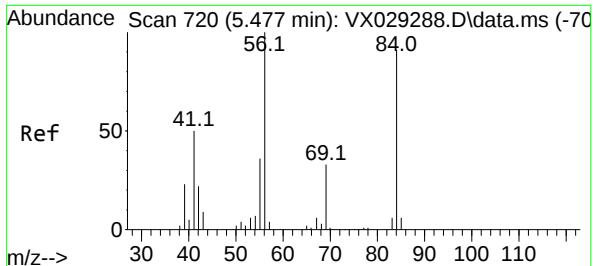
Tgt Ion: 43 Resp: 24376

Ion Ratio Lower Upper

43 100

72 29.8 24.4 36.6

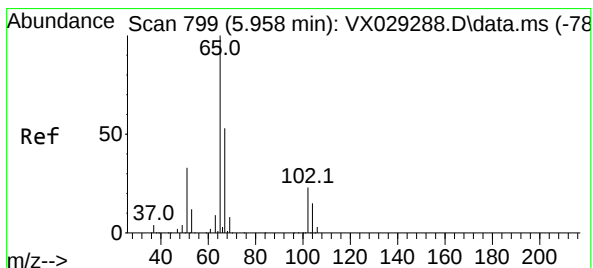
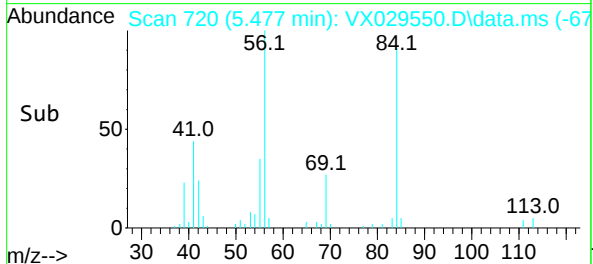
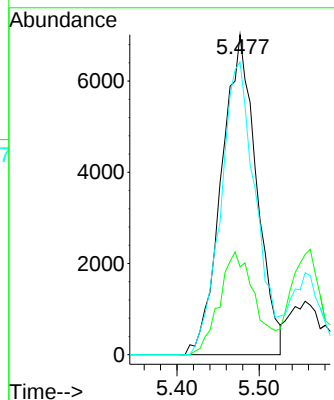
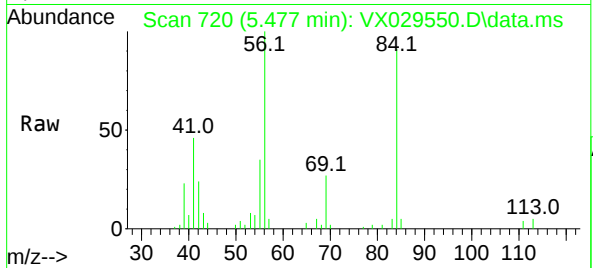




#31
Cyclohexane
Concen: 4.776 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

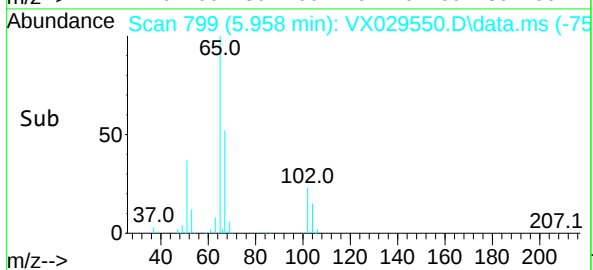
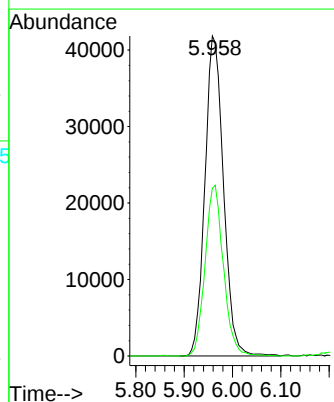
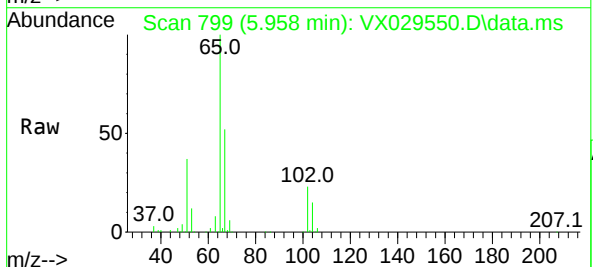
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

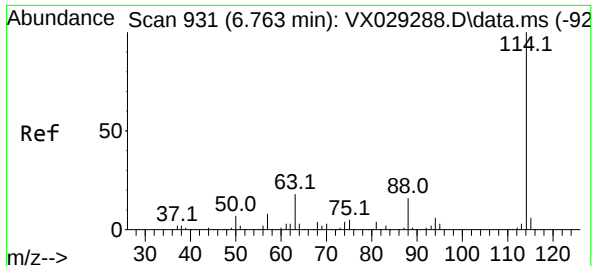
Tgt Ion: 56 Resp: 20745
Ion Ratio Lower Upper
56 100
69 27.5 26.7 40.1
84 91.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 45.690 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion: 65 Resp: 111816
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

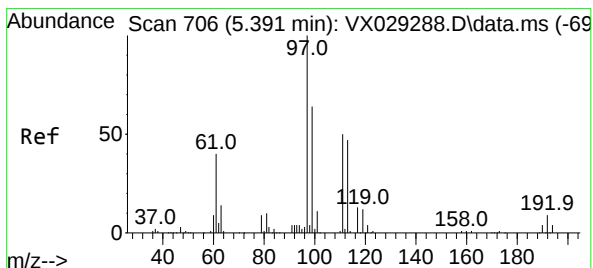
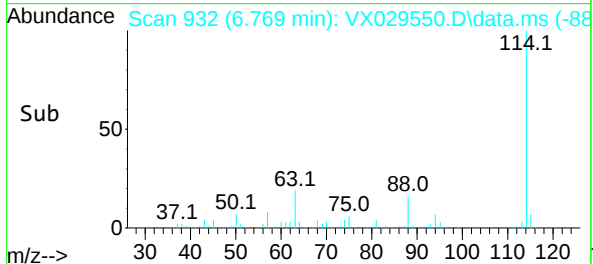
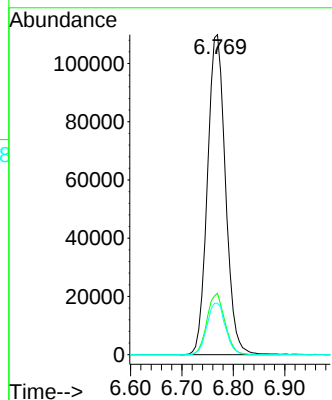
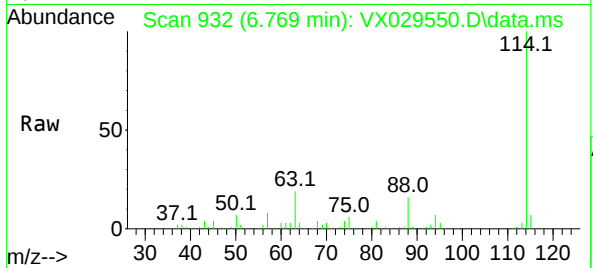




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

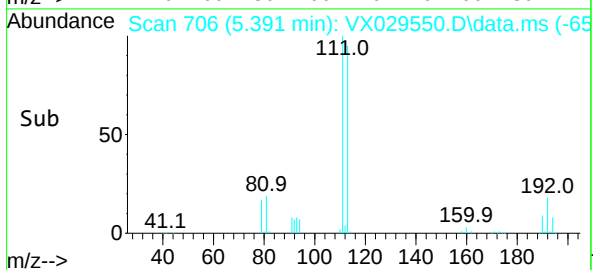
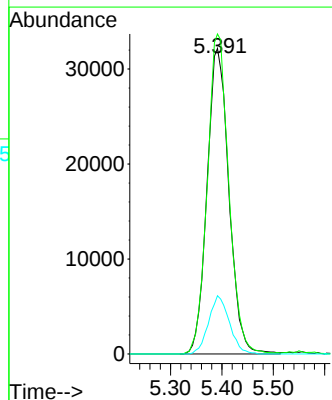
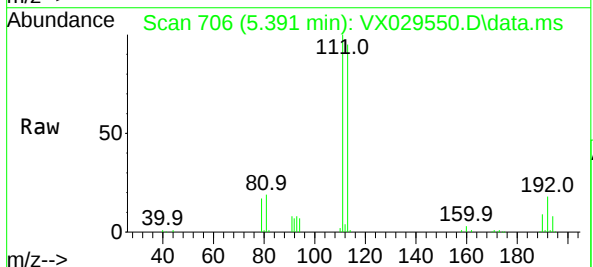
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

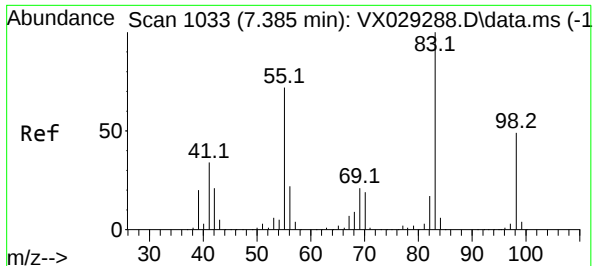
Tgt Ion:114 Resp: 267670
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 41.835 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion:113 Resp: 95198
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.1 16.9 25.3





#39

Methylcyclohexane

Concen: 5.884 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029550.D

Acq: 17 Jun 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-7

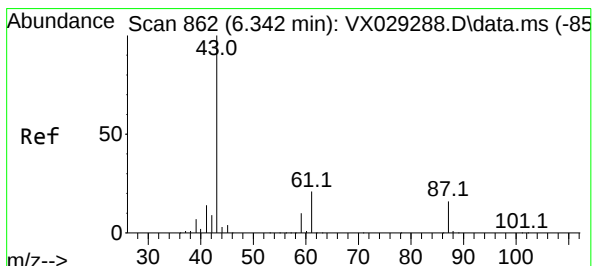
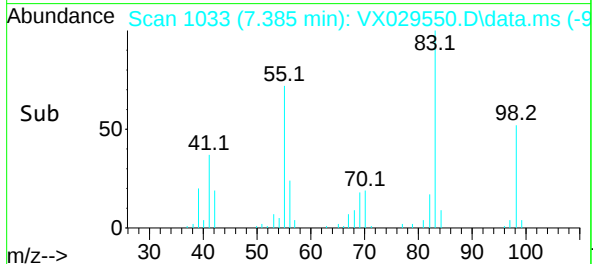
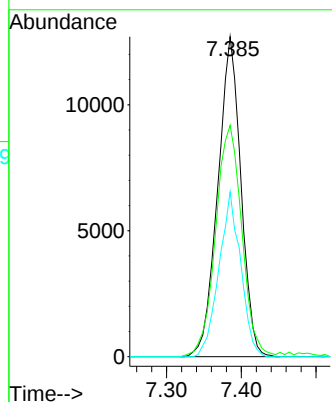
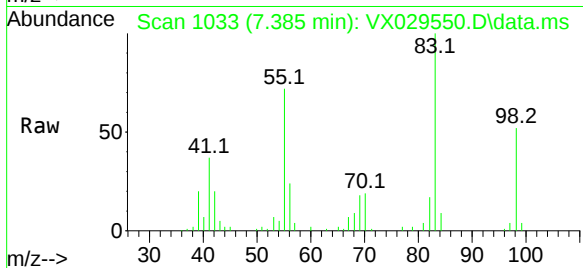
Tgt Ion: 83 Resp: 27244

Ion Ratio Lower Upper

83 100

55 72.3 54.6 81.8

98 51.5 37.4 56.2



#43

Isopropyl Acetate

Concen: 4.776 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX029550.D

Acq: 17 Jun 2022 18:54

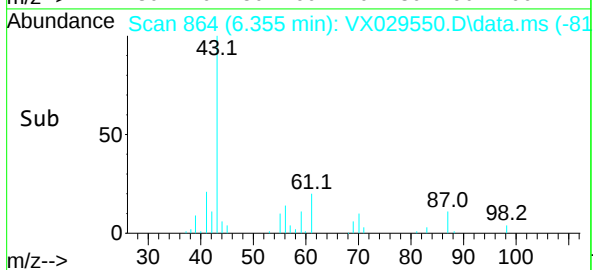
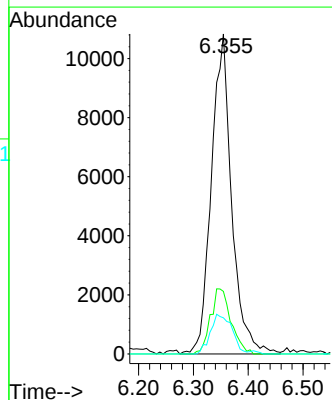
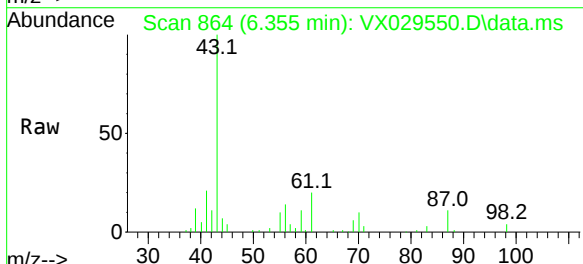
Tgt Ion: 43 Resp: 27839

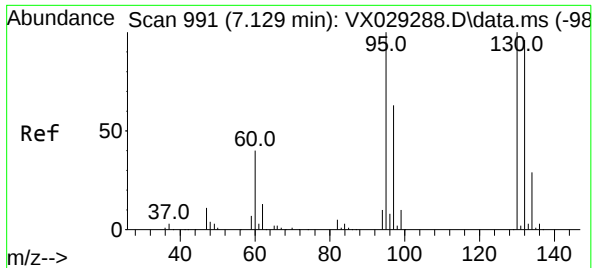
Ion Ratio Lower Upper

43 100

61 20.5 18.5 27.7

87 13.1 13.0 19.6

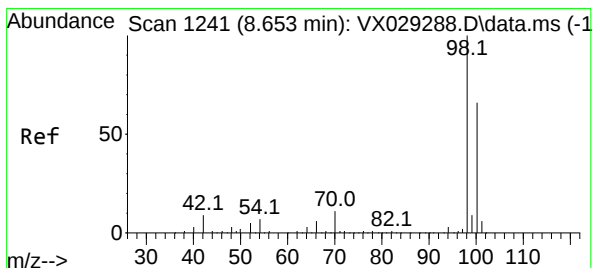
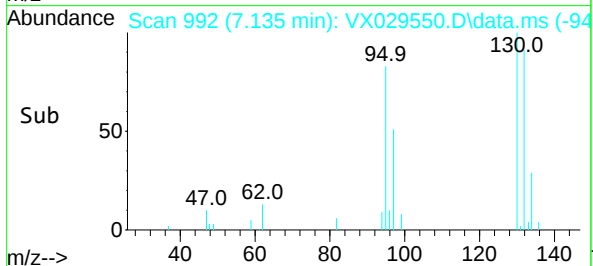
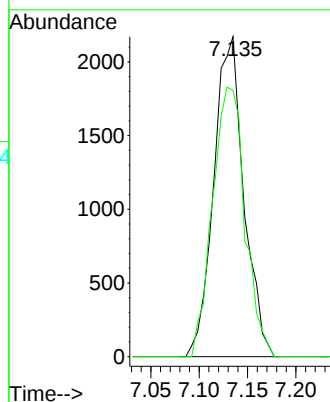
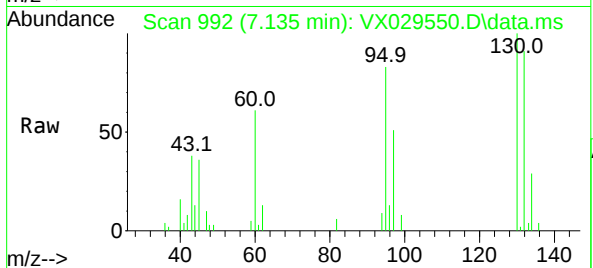




#44
Trichloroethene
Concen: 1.539 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

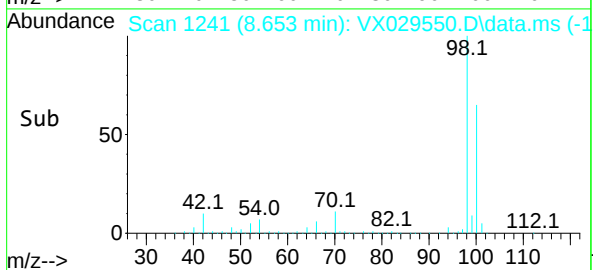
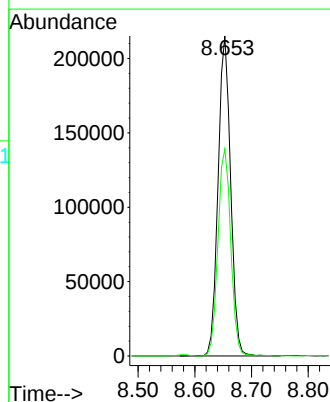
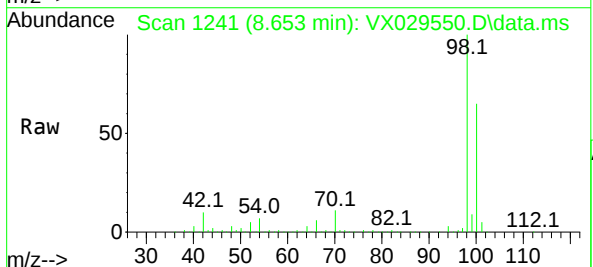
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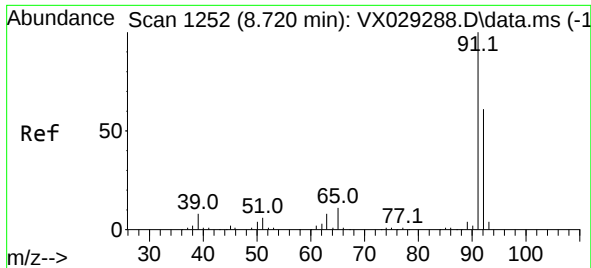
Tgt Ion:130 Resp: 4689
Ion Ratio Lower Upper
130 100
95 83.2 0.0 188.8



#50
Toluene-d8
Concen: 41.028 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion: 98 Resp: 330196
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

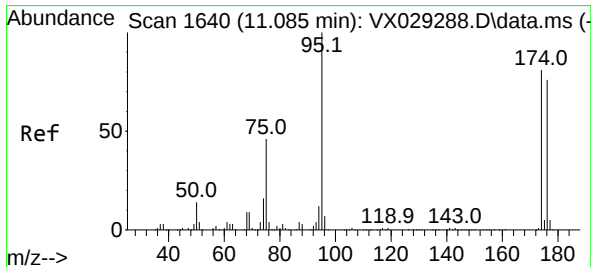
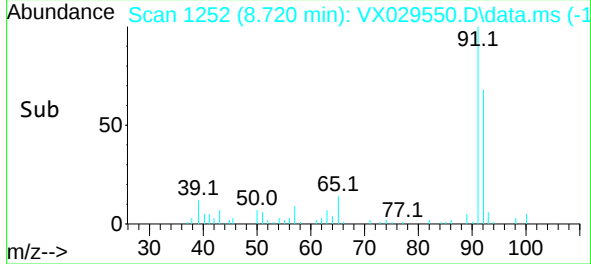
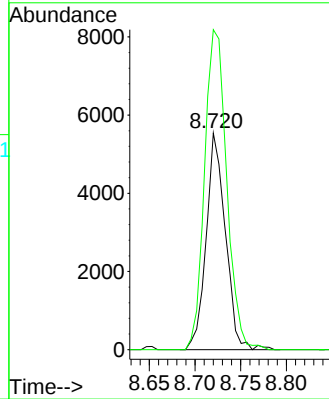
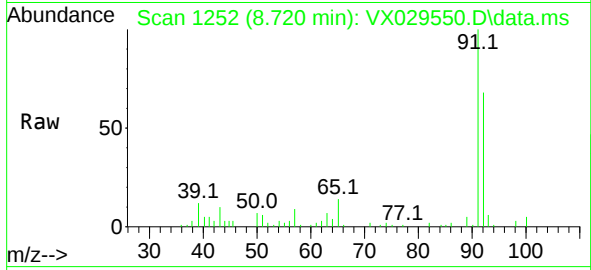




#52
Toluene
Concen: 1.128 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

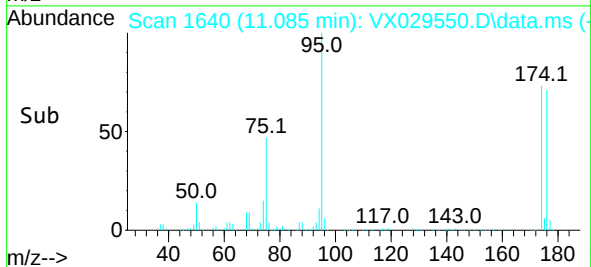
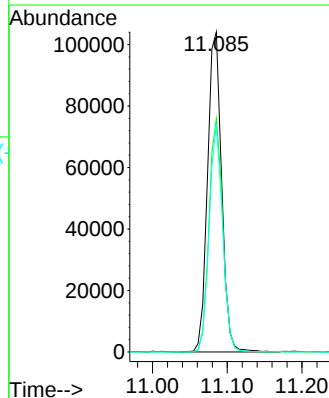
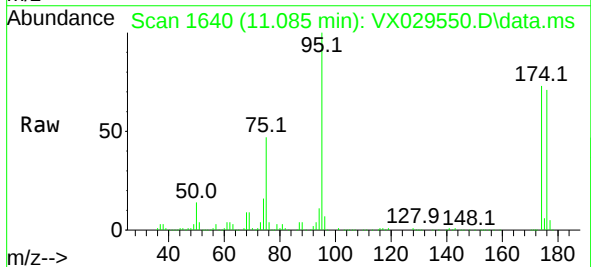
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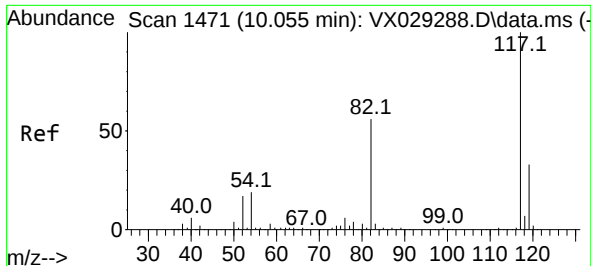
Tgt Ion: 92 Resp: 8102
Ion Ratio Lower Upper
92 100
91 170.0 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 43.329 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion: 95 Resp: 136464
Ion Ratio Lower Upper
95 100
174 71.0 0.0 163.0
176 67.3 0.0 155.0

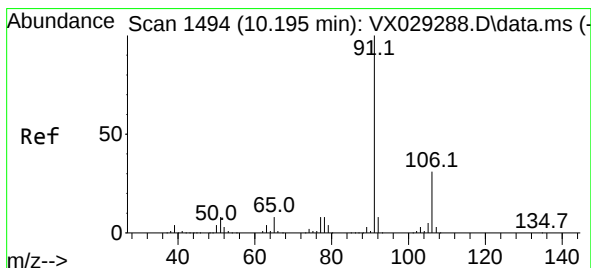
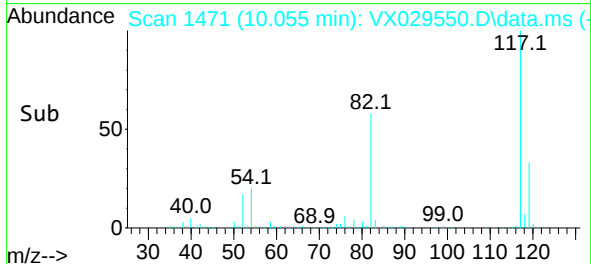
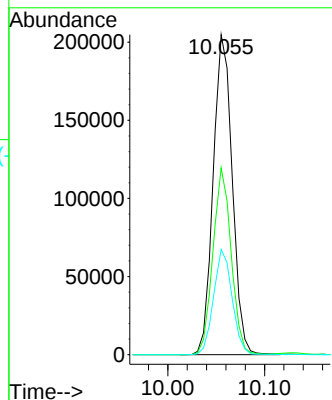
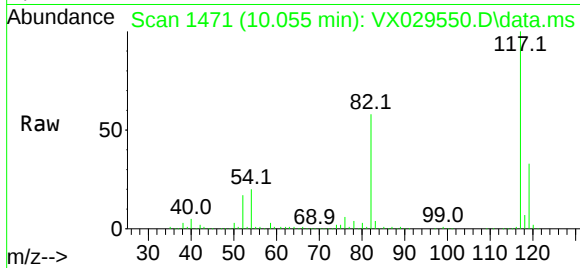




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

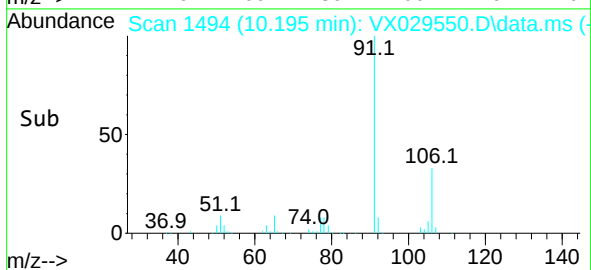
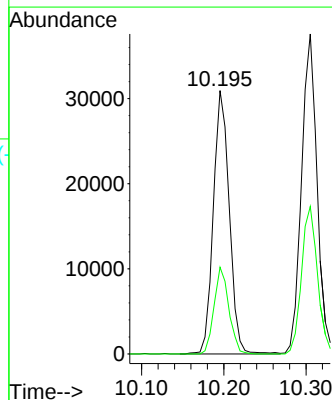
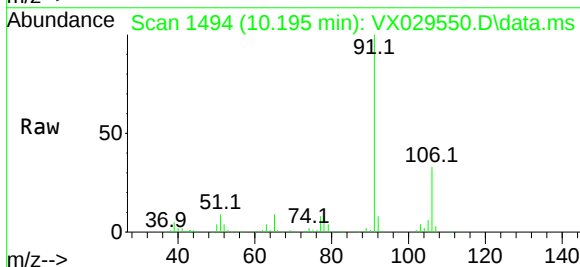
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

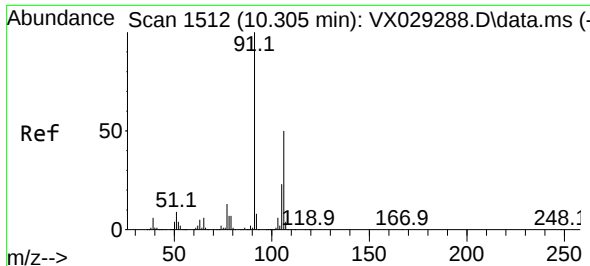
Tgt Ion:117 Resp: 279621
Ion Ratio Lower Upper
117 100
82 58.4 41.8 62.8
119 32.9 24.8 37.2



#67
Ethyl Benzene
Concen: 3.079 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion: 91 Resp: 41715
Ion Ratio Lower Upper
91 100
106 32.9 24.6 36.8

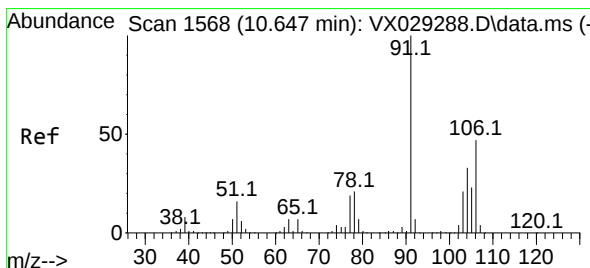
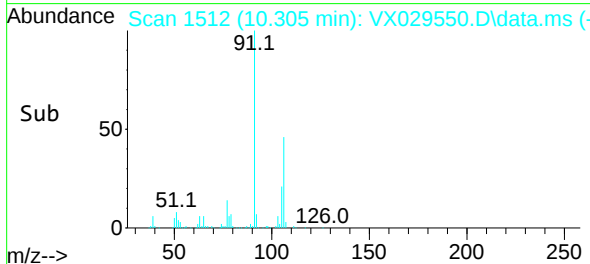
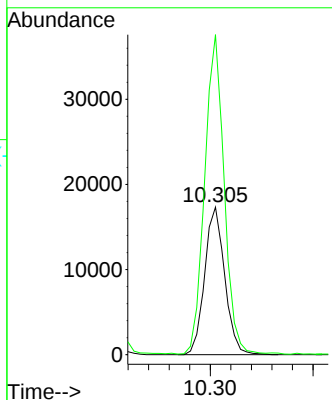
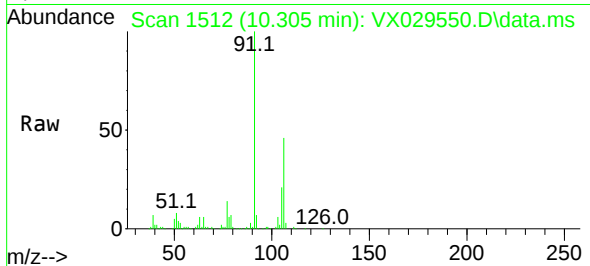




#68
m/p-Xylenes
Concen: 4.485 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

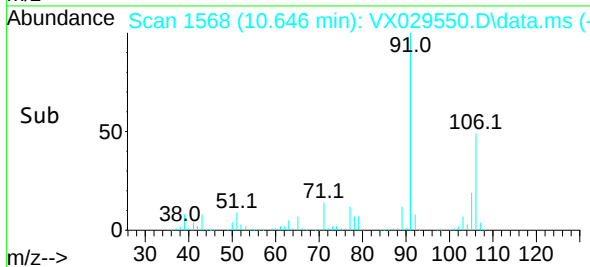
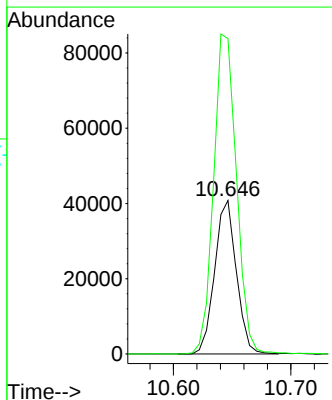
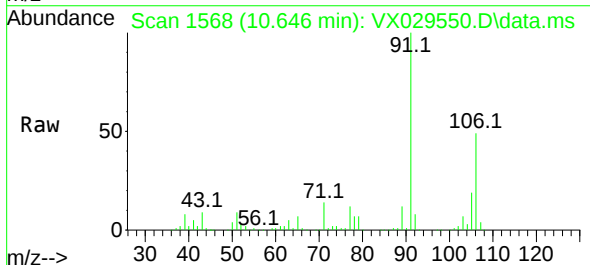
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

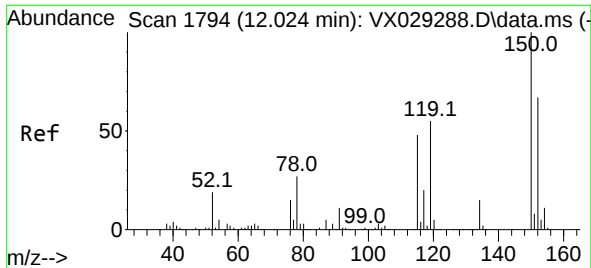
Tgt Ion:106 Resp: 23510
Ion Ratio Lower Upper
106 100
91 210.5 160.4 240.6



#69
o-Xylene
Concen: 10.293 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion:106 Resp: 52423
Ion Ratio Lower Upper
106 100
91 220.0 106.1 318.1

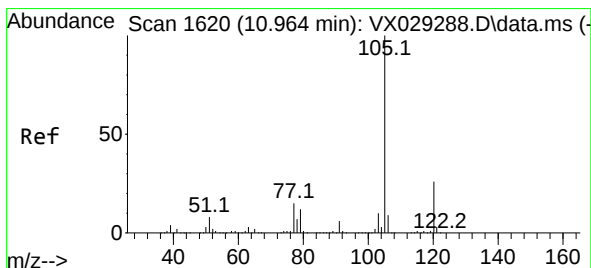
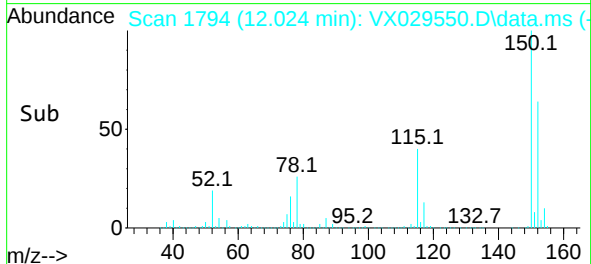
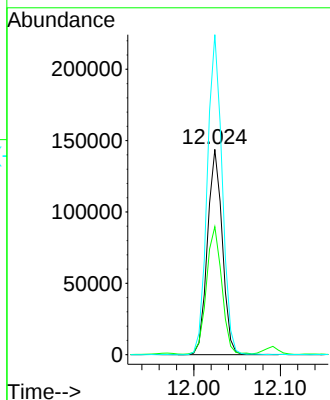
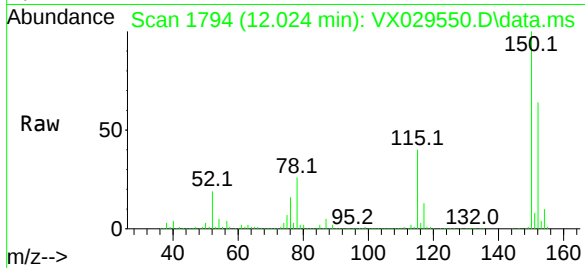




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

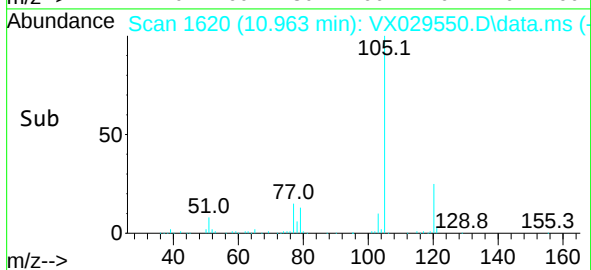
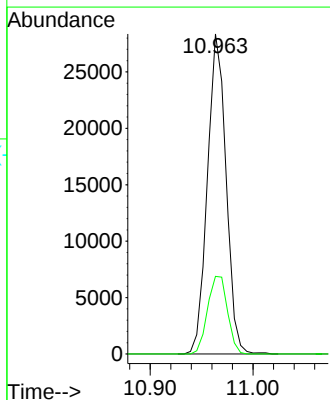
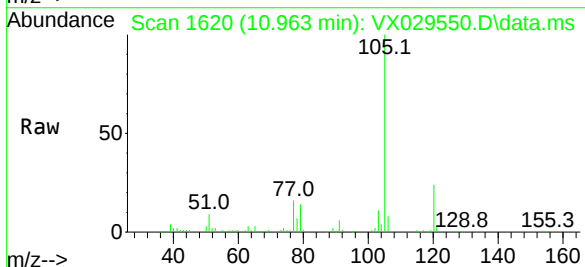
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

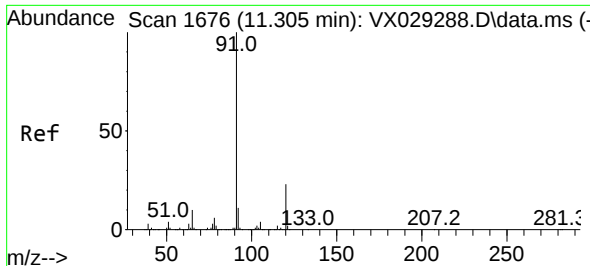
Tgt Ion:152 Resp: 170854
Ion Ratio Lower Upper
152 100
115 64.2 37.5 112.7
150 156.4 0.0 338.2



#73
Isopropylbenzene
Concen: 2.658 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion:105 Resp: 35756
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5

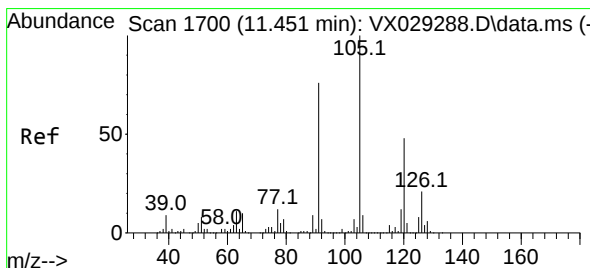
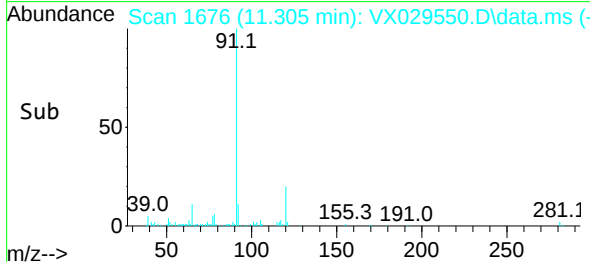
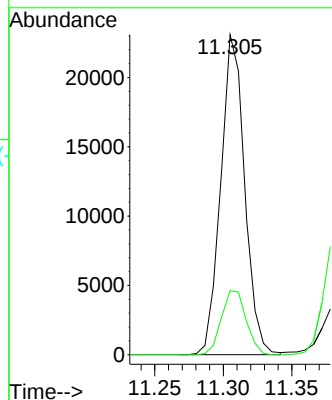
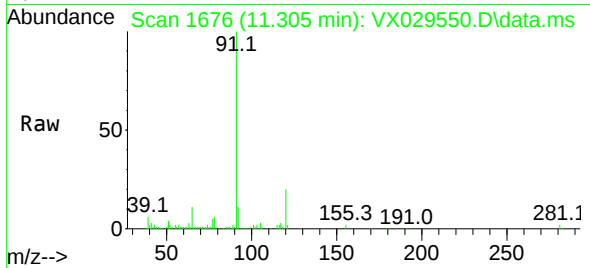




#78
n-propylbenzene
Concen: 1.833 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

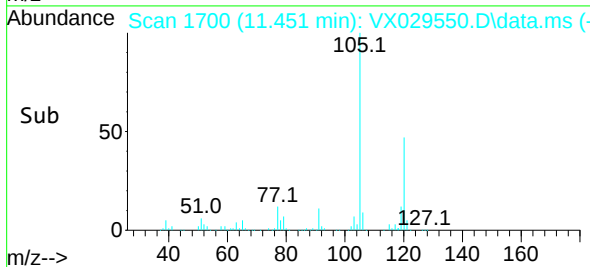
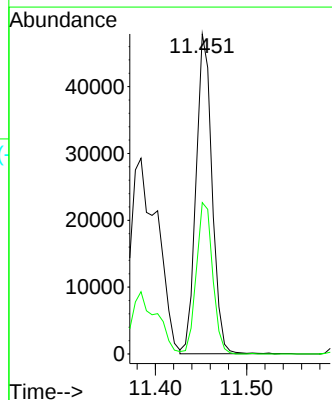
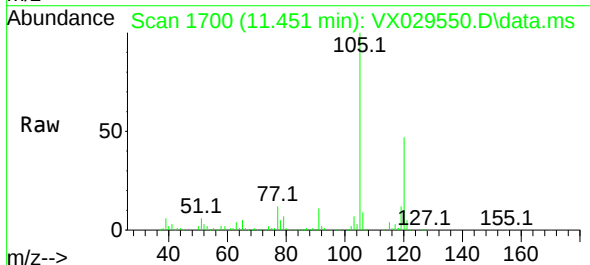
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

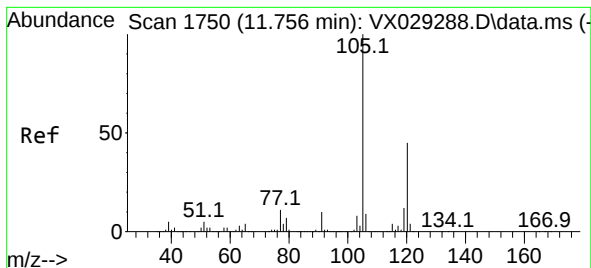
Tgt Ion: 91 Resp: 27982
Ion Ratio Lower Upper
91 100
120 20.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 5.100 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion: 105 Resp: 58247
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9





#84

1,2,4-Trimethylbenzene

Concen: 18.138 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029550.D

Acq: 17 Jun 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

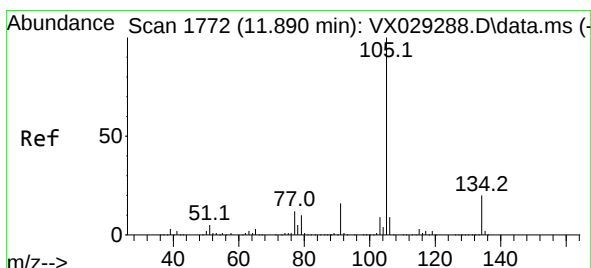
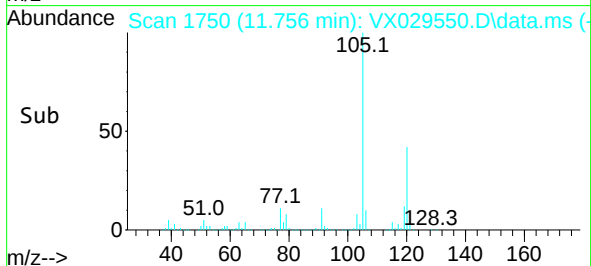
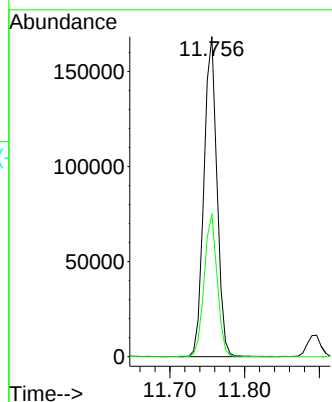
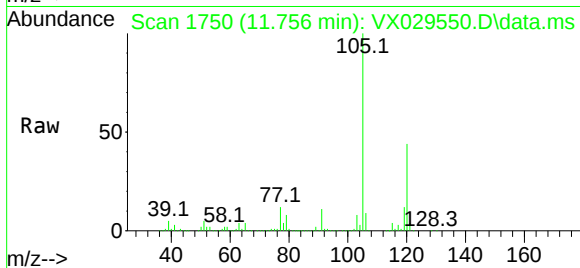
WC-14A-1A-7

Tgt Ion:105 Resp: 204469

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.8



#85

sec-Butylbenzene

Concen: 1.076 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX029550.D

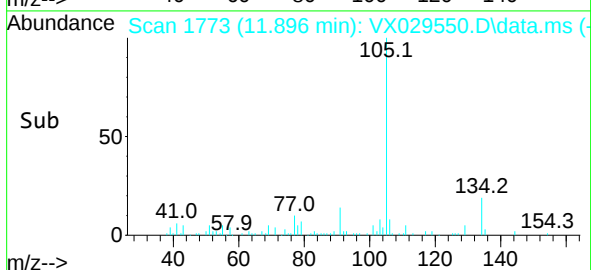
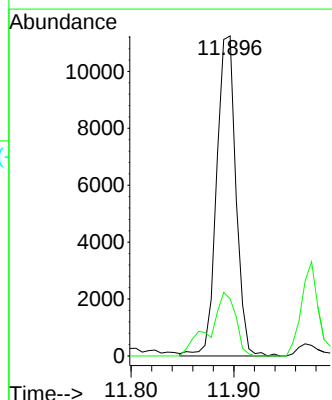
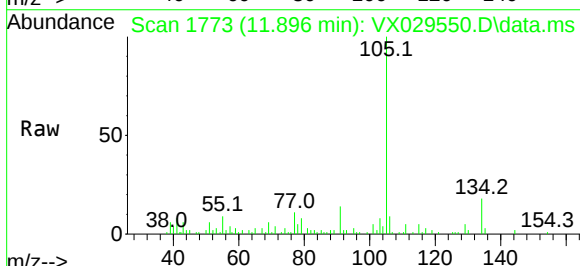
Acq: 17 Jun 2022 18:54

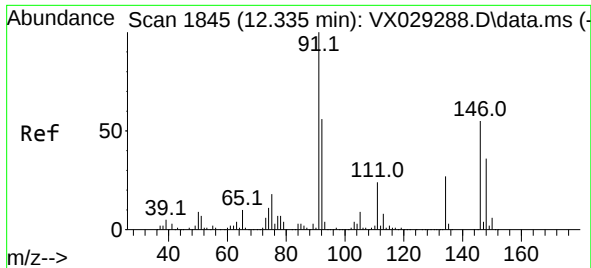
Tgt Ion:105 Resp: 14636

Ion Ratio Lower Upper

105 100

134 26.8 10.2 30.4

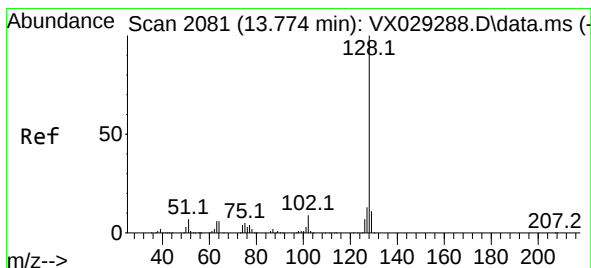
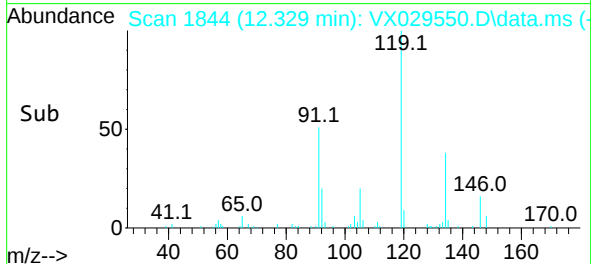
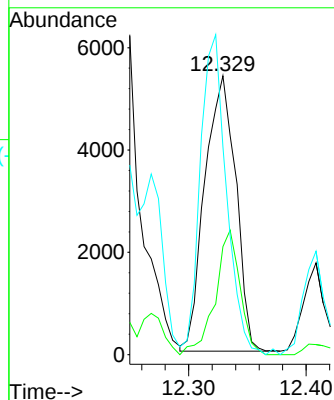
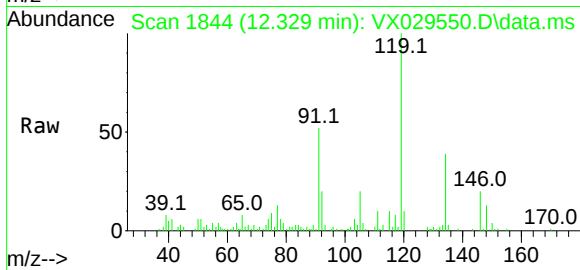




#89
n-Butylbenzene
Concen: 1.025 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

Tgt Ion: 91	Resp:	9855
Ion Ratio	Lower	Upper
91	100	
92	36.2	27.8 83.3
134	97.6	13.3 39.8#



#95
Naphthalene
Concen: 12.672 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029550.D
Acq: 17 Jun 2022 18:54

Tgt Ion: 128	Resp:	157770
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.2 15.4
129	11.7	8.7 13.1

