

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061722\
 Data File : VX029551.D
 Acq On : 17 Jun 2022 19:17
 Operator : JC/MD
 Sample : N3334-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-8

Quant Time: Jun 18 00:47:55 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)

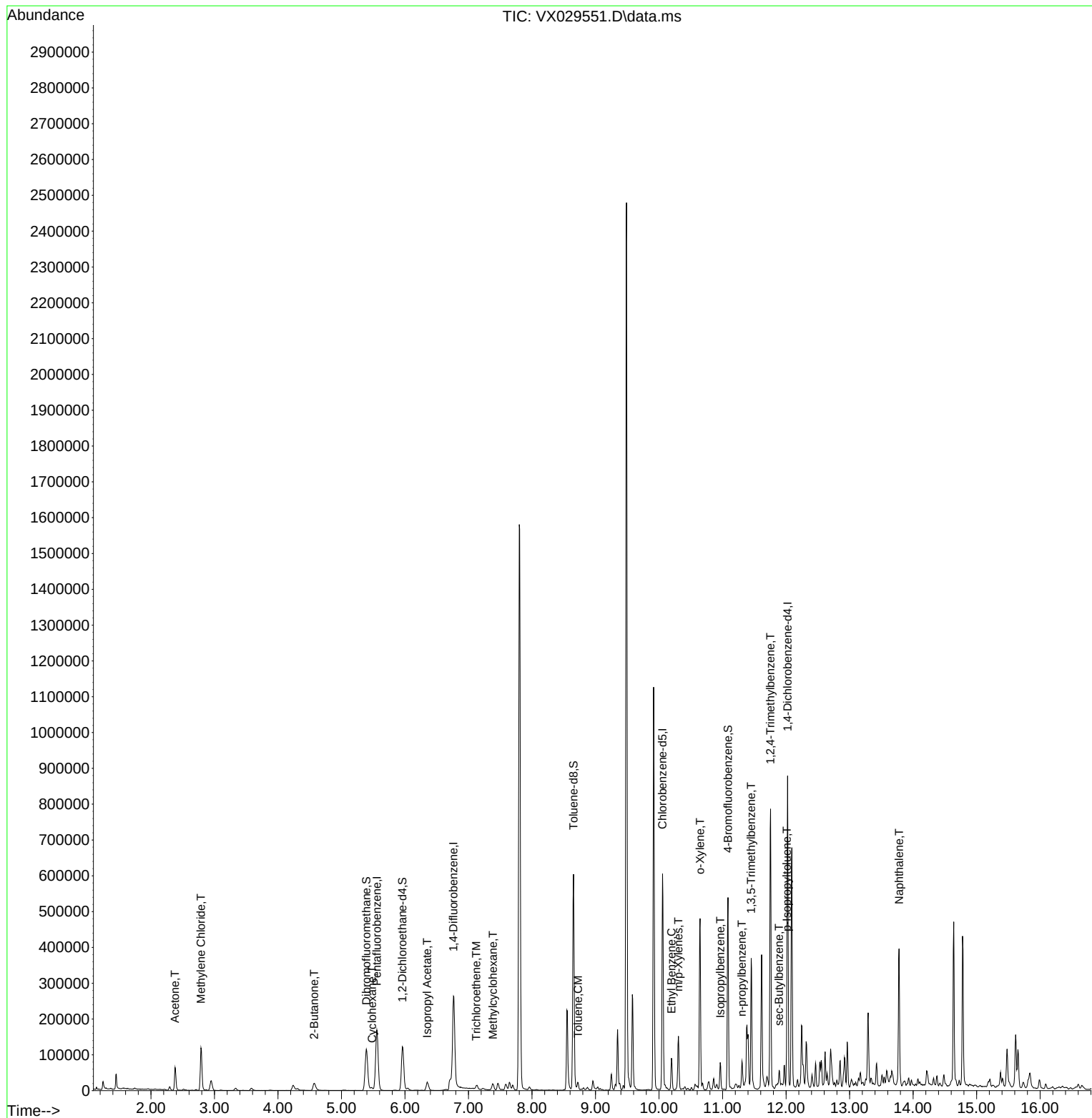
Internal Standards						
1) Pentafluorobenzene	5.556	168	160383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	267004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120246	49.226	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.460%		
35) Dibromofluoromethane	5.391	113	103568	45.626	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.260%		
50) Toluene-d8	8.653	98	363523	45.282	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.560%		
62) 4-Bromofluorobenzene	11.085	95	147971	47.100	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.200%		
Target Compounds					Qvalue	
16) Acetone	2.379	43	64481	49.698	ug/l	94
20) Methylene Chloride	2.788	84	56627	19.544	ug/l	96
25) 2-Butanone	4.568	43	29128	14.192	ug/l	93
31) Cyclohexane	5.483	56	5488	1.262	ug/l	86
39) Methylcyclohexane	7.385	83	7998	1.732	ug/l	92
43) Isopropyl Acetate	6.348	43	27294	4.694	ug/l	96
44) Trichloroethene	7.122	130	4502	1.481	ug/l	85
52) Toluene	8.726	92	7898	1.102	ug/l	91
67) Ethyl Benzene	10.195	91	52203	3.914	ug/l	99
68) m/p-Xylenes	10.305	106	35360	6.852	ug/l	98
69) o-Xylene	10.646	106	101398	20.222	ug/l	100
73) Isopropylbenzene	10.963	105	39748	2.926	ug/l	99
78) n-propylbenzene	11.305	91	43455	2.819	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	159614	13.835	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	356268	31.287	ug/l	98
85) sec-Butylbenzene	11.890	105	17946	1.306	ug/l	83
86) p-Isopropyltoluene	12.012	119	19446	1.687	ug/l	94
95) Naphthalene	13.780	128	240951	19.160	ug/l	99

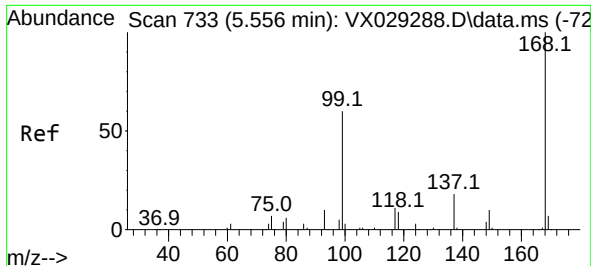
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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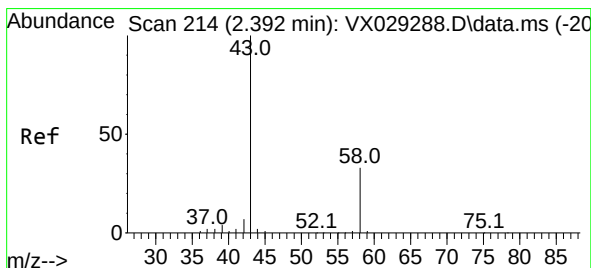
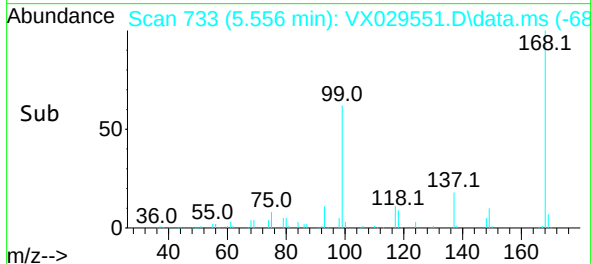
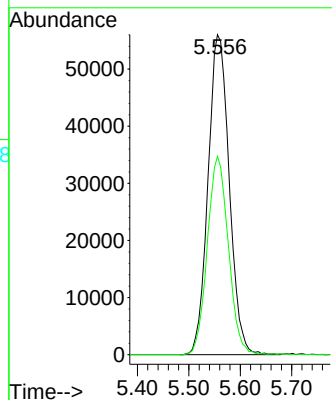
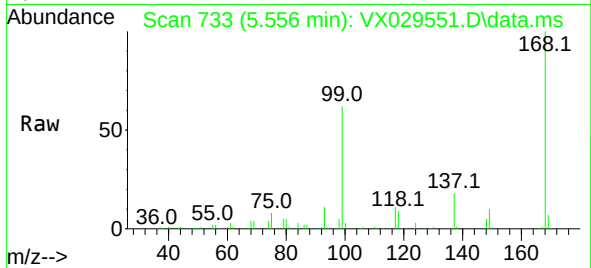




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

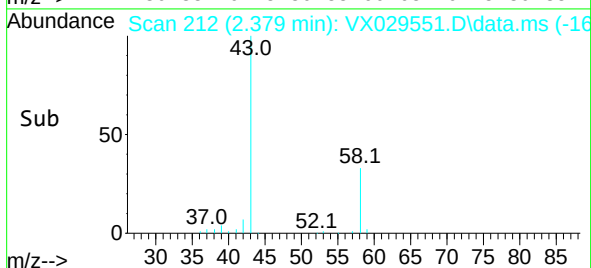
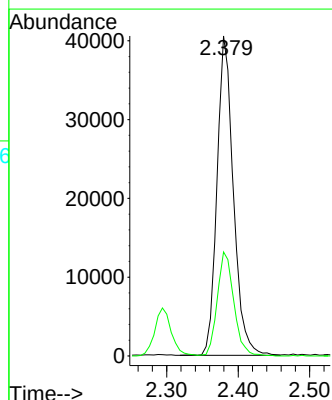
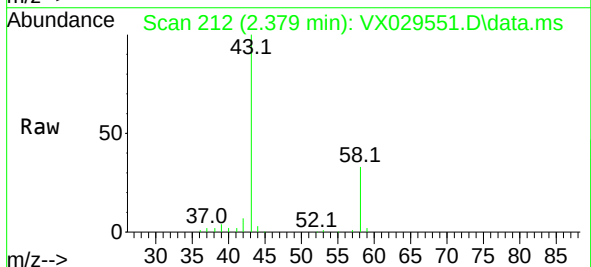
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

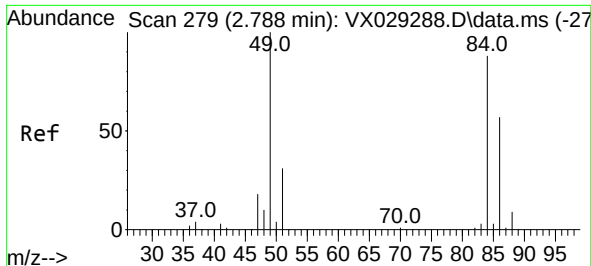
Tgt Ion:168 Resp: 160383
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#16
Acetone
Concen: 49.698 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

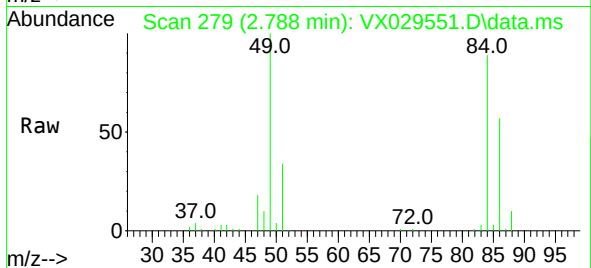
Tgt Ion: 43 Resp: 64481
Ion Ratio Lower Upper
43 100
58 32.6 28.8 43.2



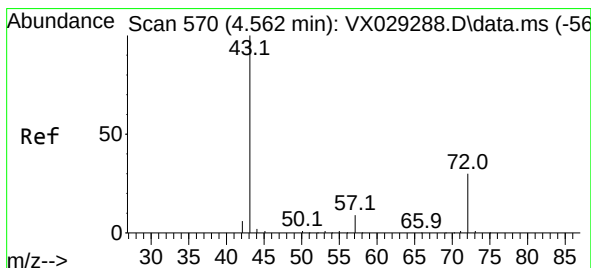
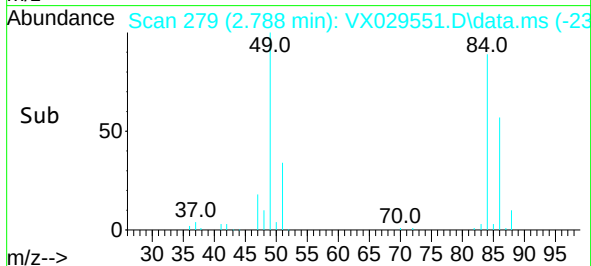
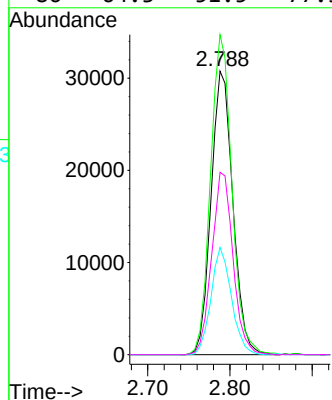


#20
Methylene Chloride
Concen: 19.544 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

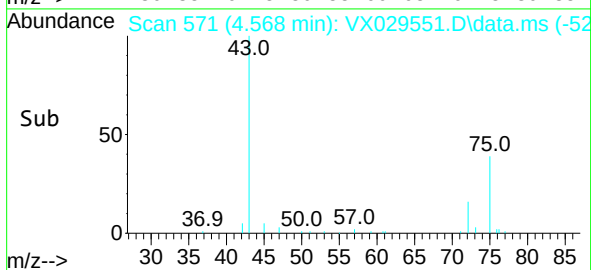
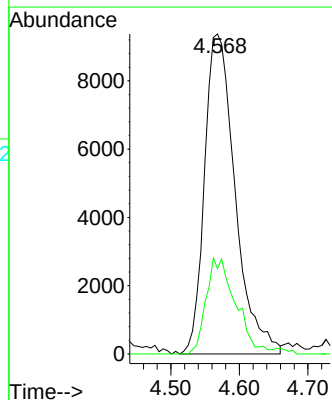
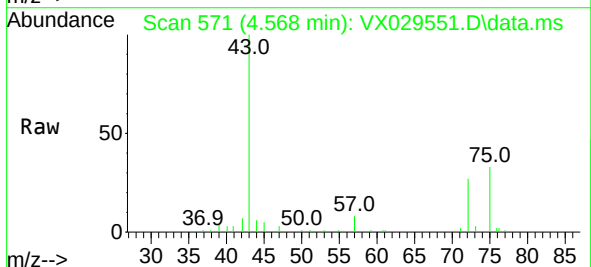


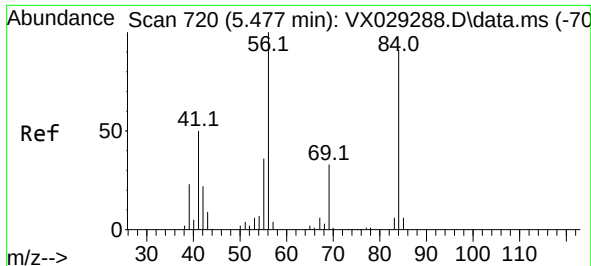
Tgt Ion: 84	Resp: 56627
Ion Ratio	Lower Upper
84 100	
49 112.9	85.5 128.3
51 37.8	26.6 39.8
86 64.3	51.5 77.3



#25
2-Butanone
Concen: 14.192 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion: 43	Resp: 29128
Ion Ratio	Lower Upper
43 100	
72 26.7	24.4 36.6

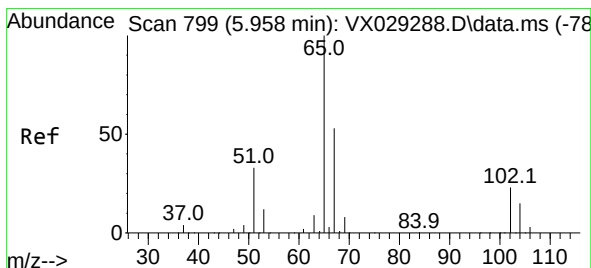
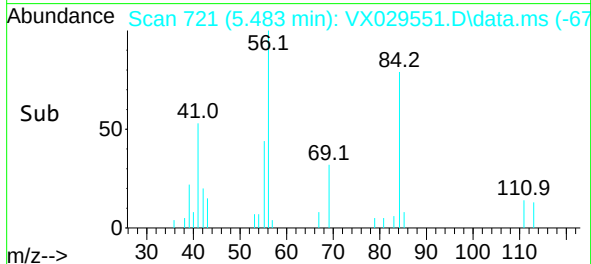
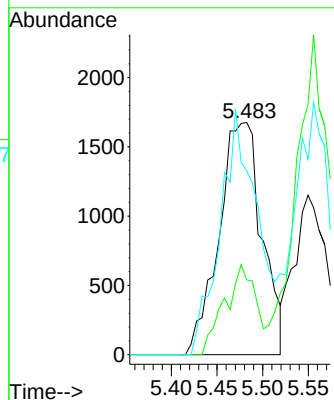
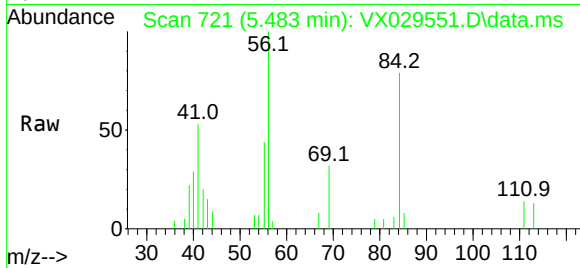




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.483 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

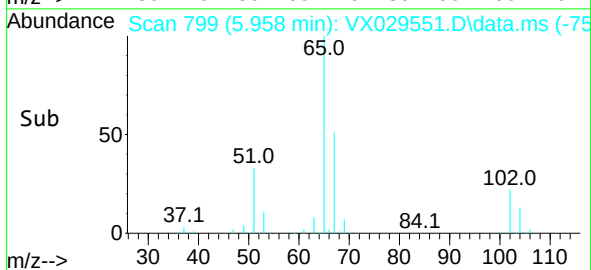
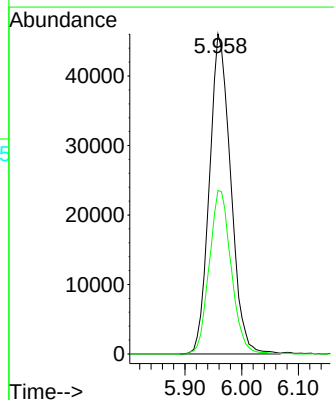
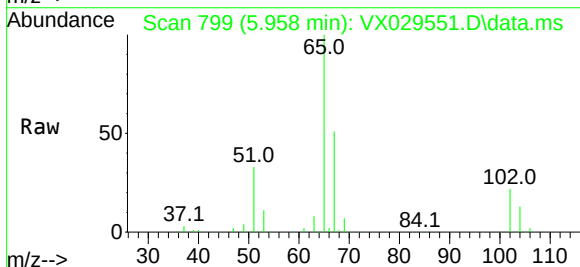
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

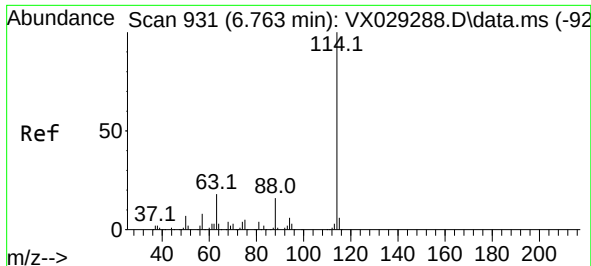
Tgt Ion: 56 Resp: 5488
Ion Ratio Lower Upper
56 100
69 32.2 26.7 40.1
84 79.2 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 49.226 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion: 65 Resp: 120246
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

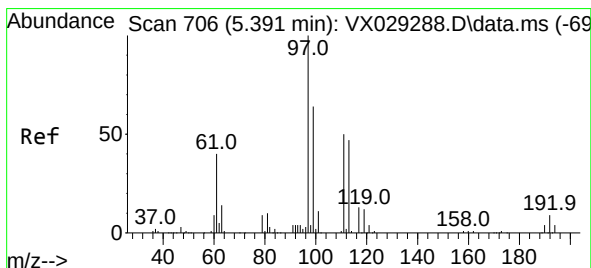
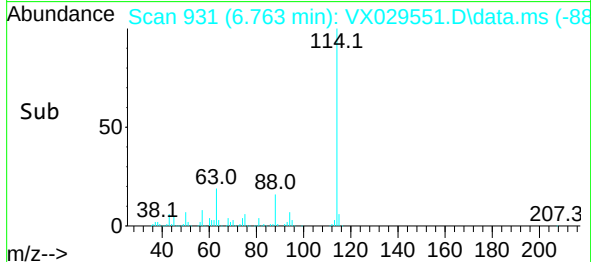
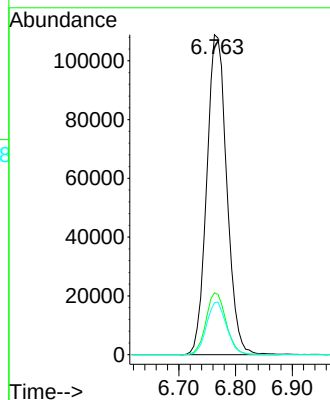
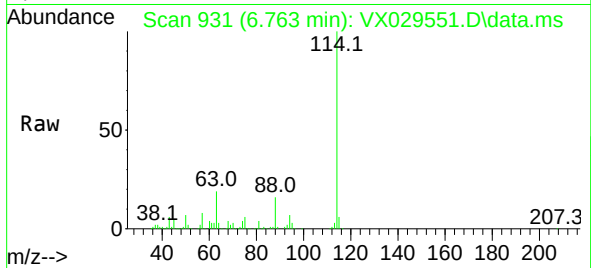




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

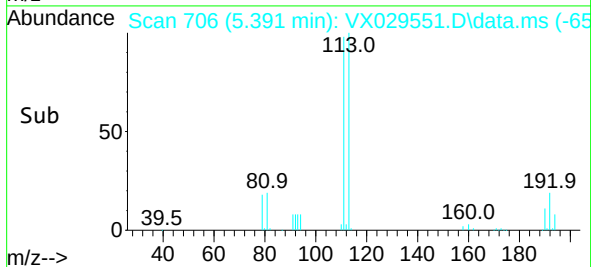
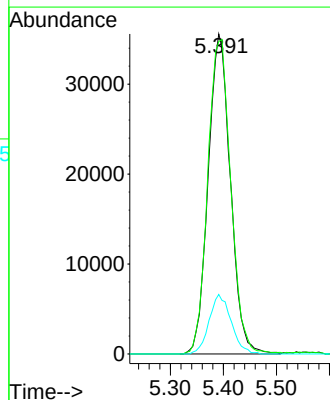
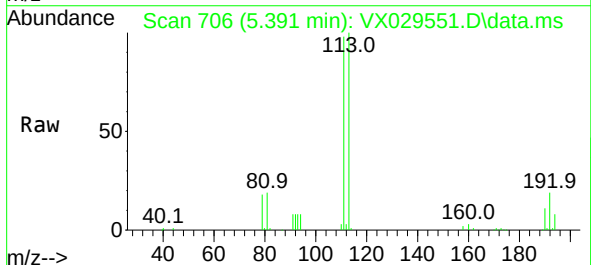
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

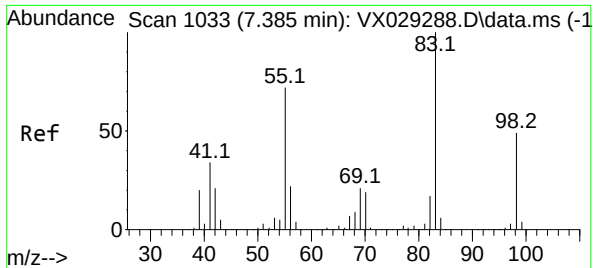
Tgt Ion:114 Resp: 267004
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.626 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion:113 Resp: 103568
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.4 16.9 25.3

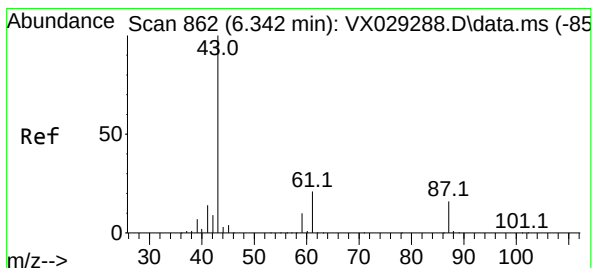
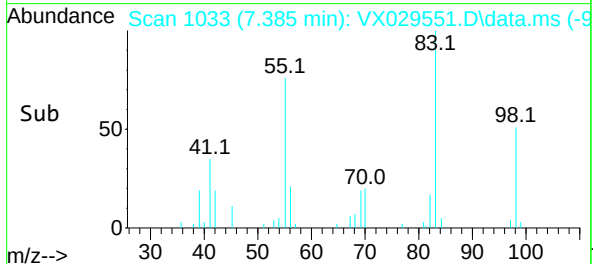
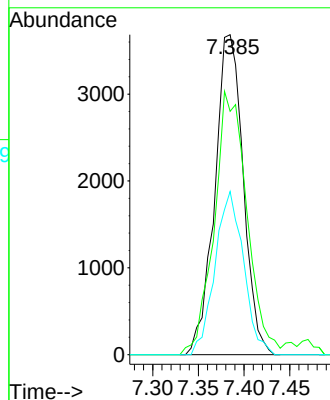
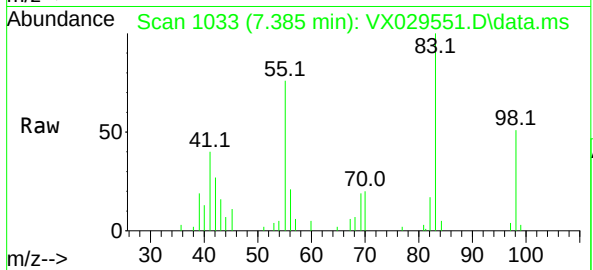




#39
Methylcyclohexane
Concen: 1.732 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

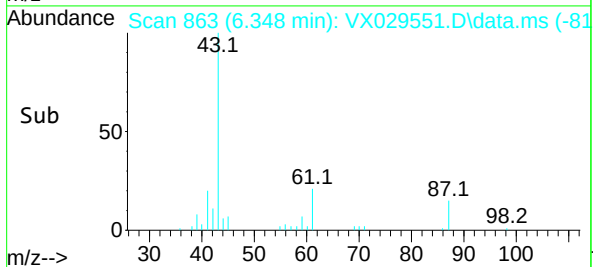
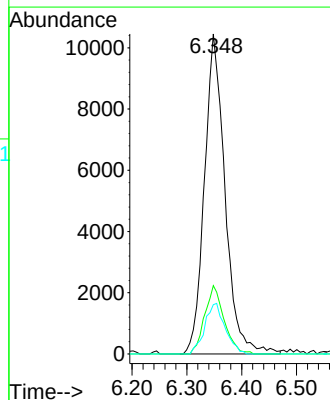
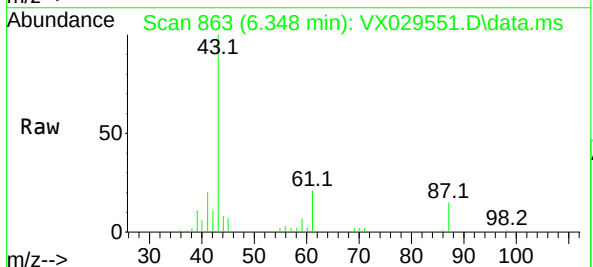
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ClientSampleId :
WC-14A-1A-8

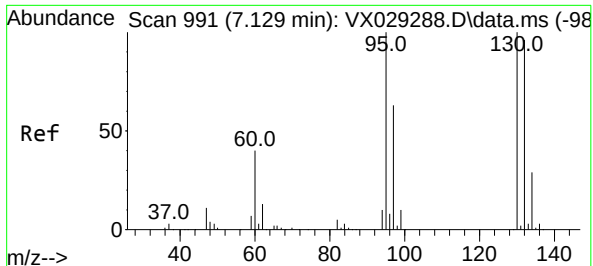
Tgt Ion: 83 Resp: 7998
Ion Ratio Lower Upper
83 100
55 76.1 54.6 81.8
98 51.0 37.4 56.2



#43
Isopropyl Acetate
Concen: 4.694 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion: 43 Resp: 27294
Ion Ratio Lower Upper
43 100
61 20.0 18.5 27.7
87 15.6 13.0 19.6

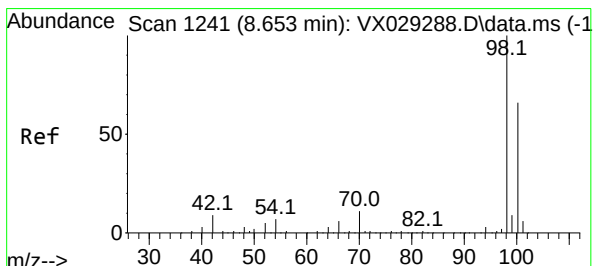
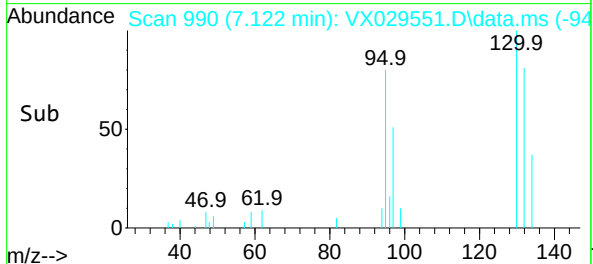
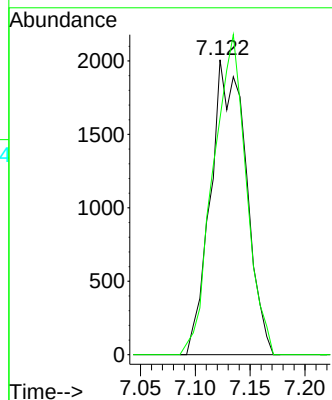
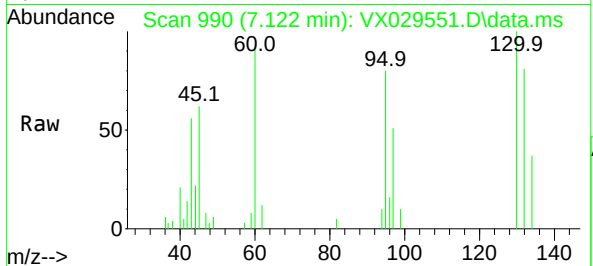




#44
 Trichloroethene
 Concen: 1.481 ug/l
 RT: 7.122 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VX029551.D
 Acq: 17 Jun 2022 19:17

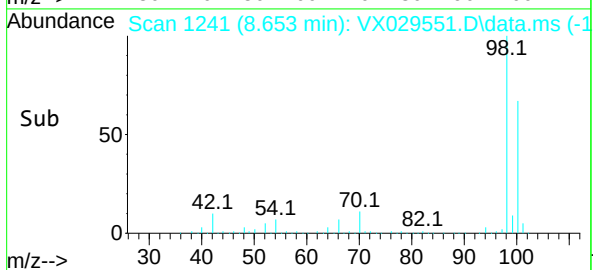
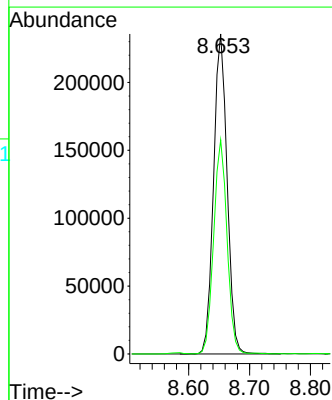
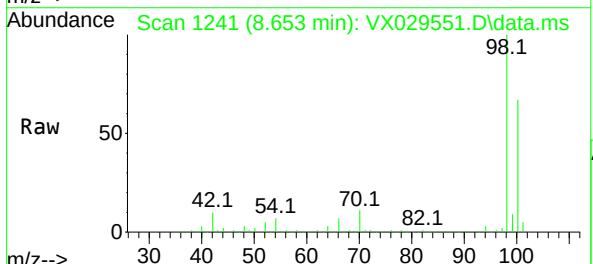
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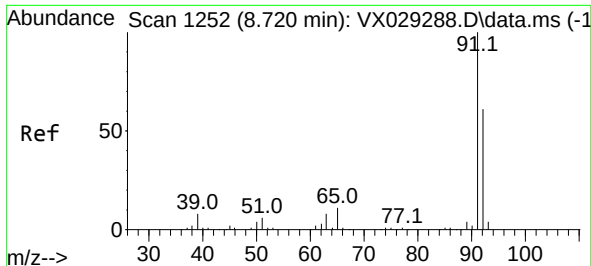
Tgt Ion:130 Resp: 4502
 Ion Ratio Lower Upper
 130 100
 95 80.2 0.0 188.8



#50
 Toluene-d8
 Concen: 45.282 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX029551.D
 Acq: 17 Jun 2022 19:17

Tgt Ion: 98 Resp: 363523
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.6 78.8

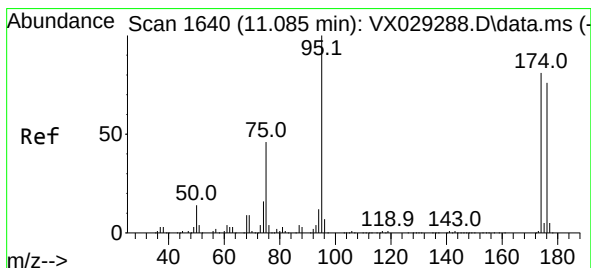
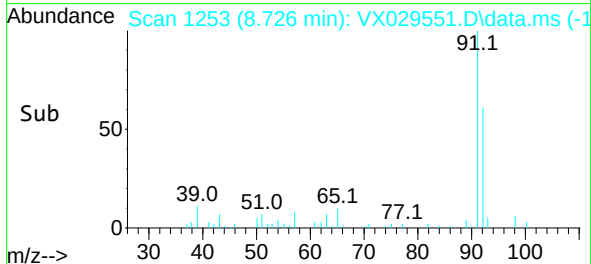
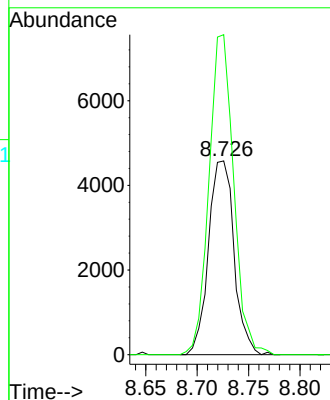
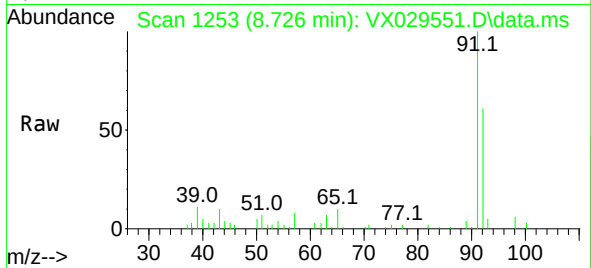




#52
Toluene
Concen: 1.102 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

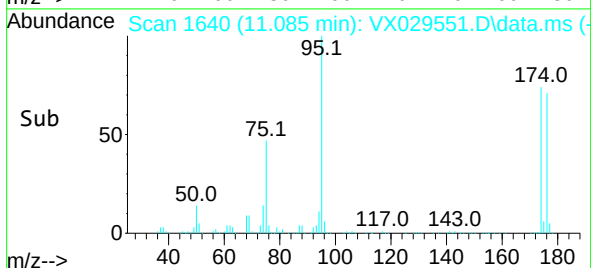
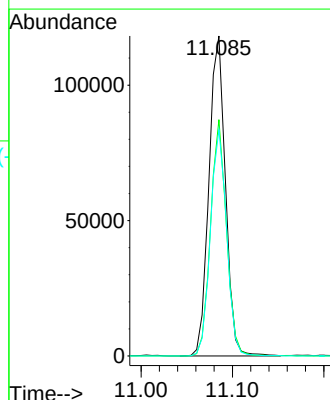
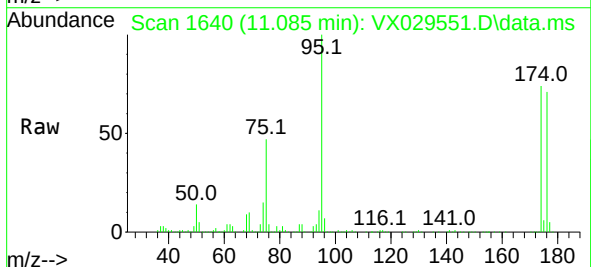
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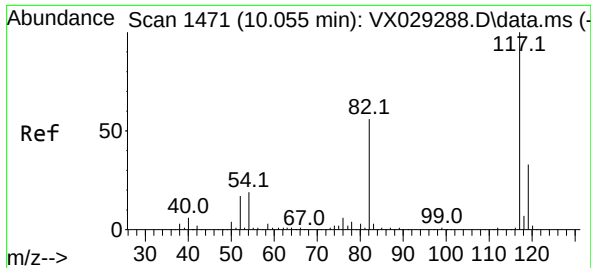
Tgt Ion: 92 Resp: 7898
Ion Ratio Lower Upper
92 100
91 159.8 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 47.100 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion: 95 Resp: 147971
Ion Ratio Lower Upper
95 100
174 70.9 0.0 163.0
176 69.3 0.0 155.0

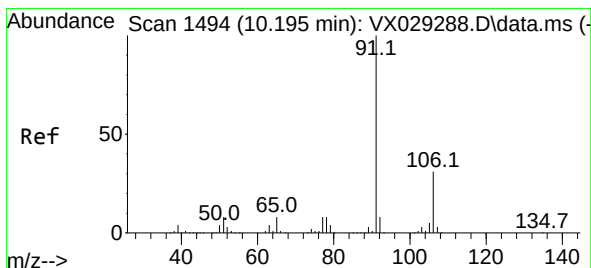
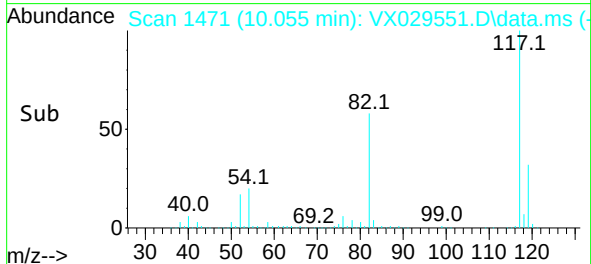
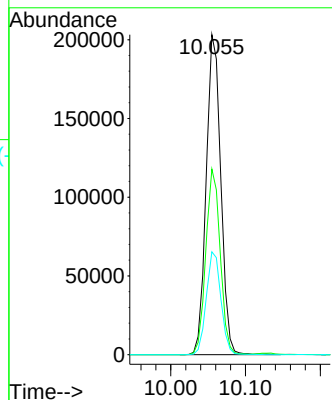
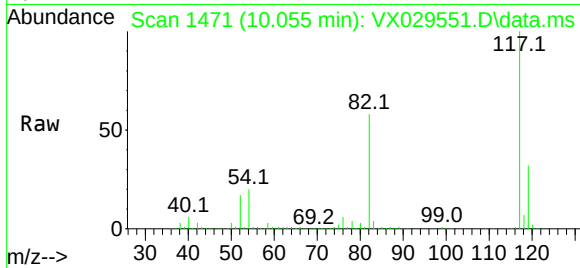




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

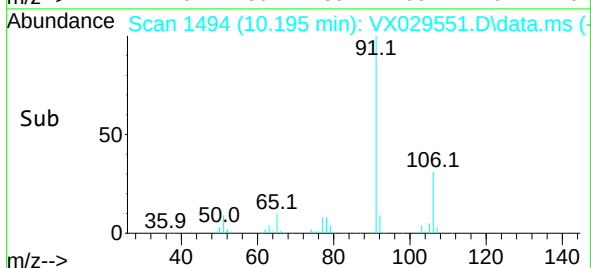
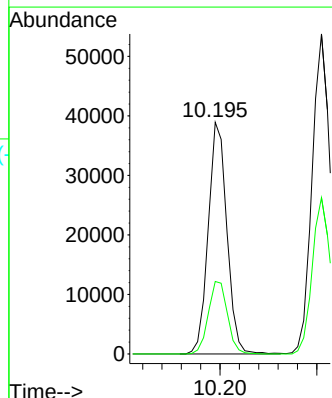
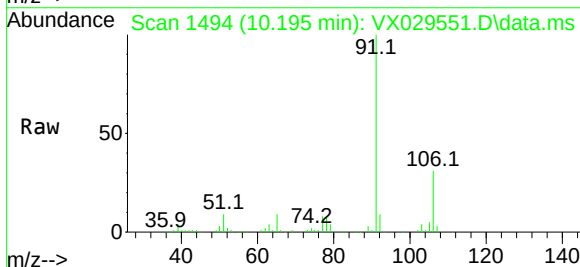
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

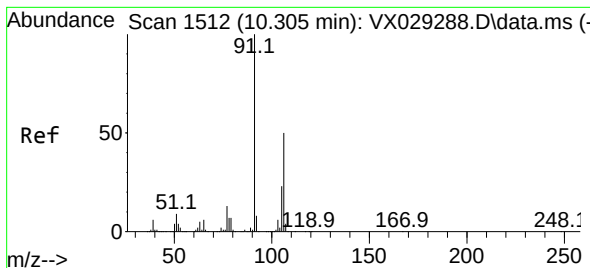
Tgt Ion:117 Resp: 275292
Ion Ratio Lower Upper
117 100
82 58.0 41.8 62.8
119 32.2 24.8 37.2



#67
Ethyl Benzene
Concen: 3.914 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion: 91 Resp: 52203
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8





#68

m/p-Xylenes

Concen: 6.852 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029551.D

Acq: 17 Jun 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

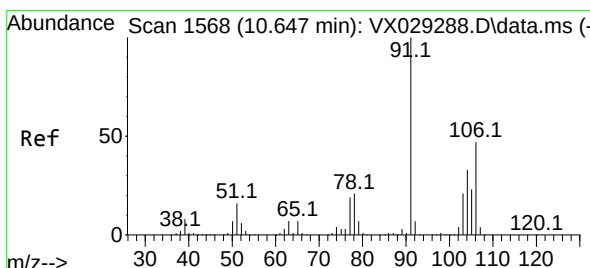
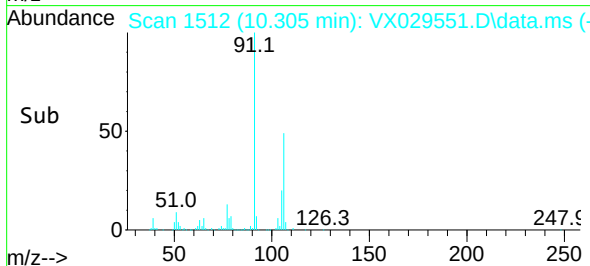
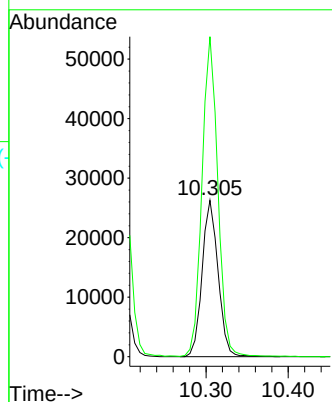
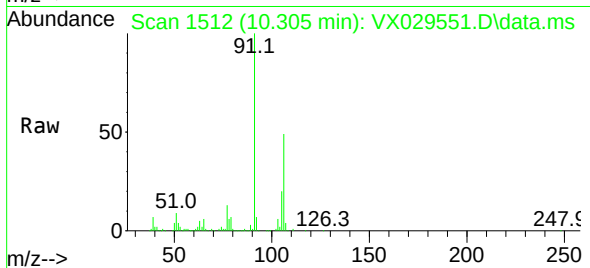
WC-14A-1A-8

Tgt Ion:106 Resp: 35360

Ion Ratio Lower Upper

106 100

91 203.5 160.4 240.6



#69

o-Xylene

Concen: 20.222 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX029551.D

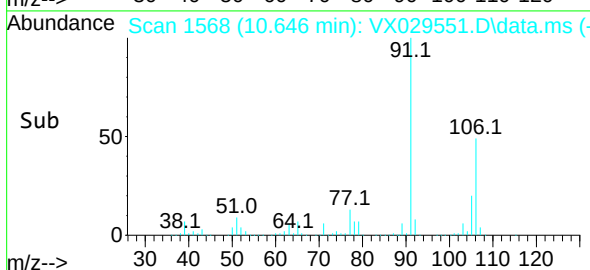
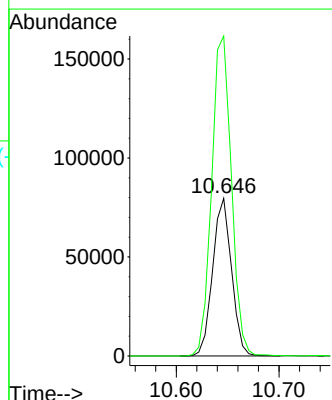
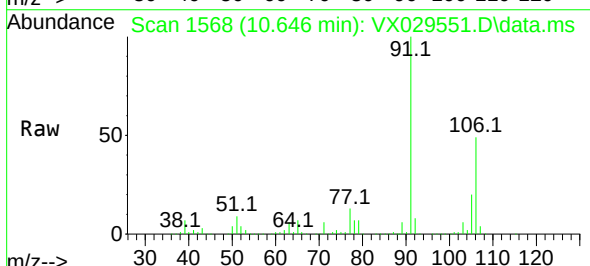
Acq: 17 Jun 2022 19:17

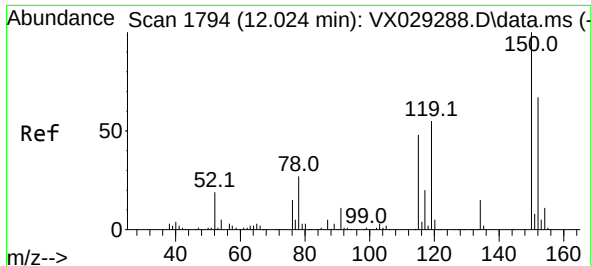
Tgt Ion:106 Resp: 101398

Ion Ratio Lower Upper

106 100

91 212.7 106.1 318.1

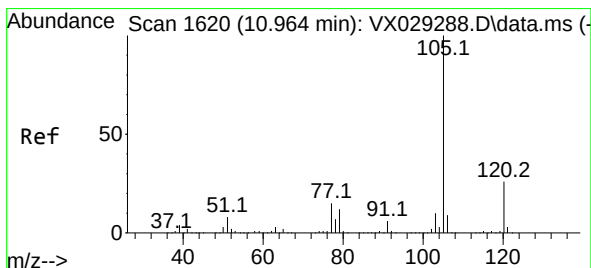
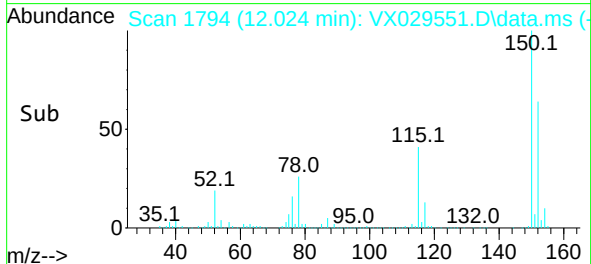
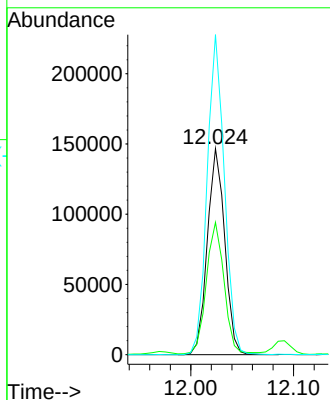
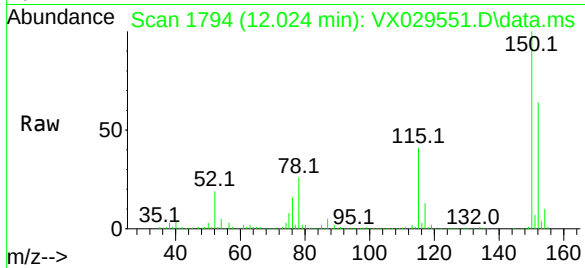




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

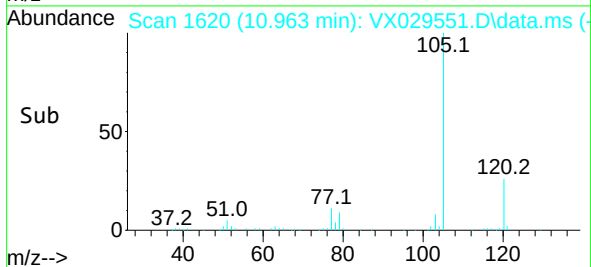
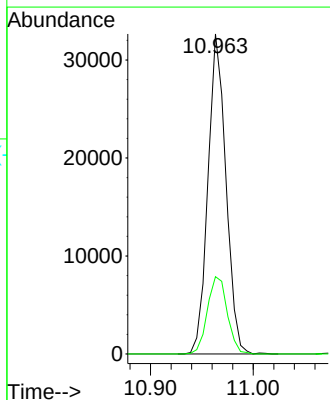
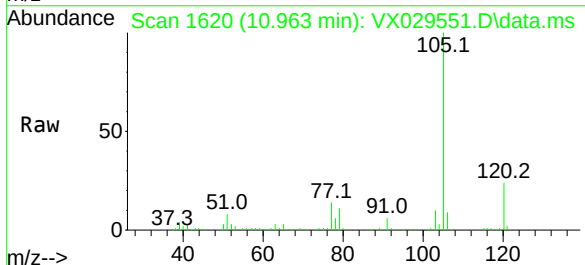
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

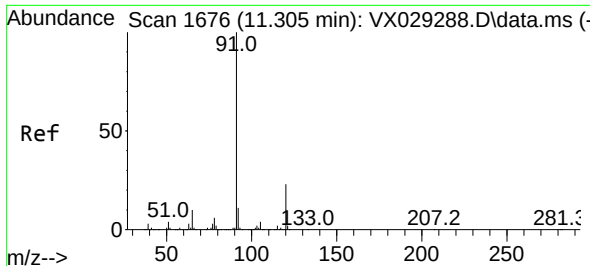
Tgt Ion:152 Resp: 172583
Ion Ratio Lower Upper
152 100
115 65.6 37.5 112.7
150 153.7 0.0 338.2



#73
Isopropylbenzene
Concen: 2.926 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion:105 Resp: 39748
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5

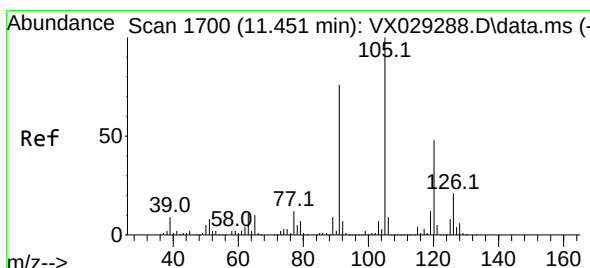
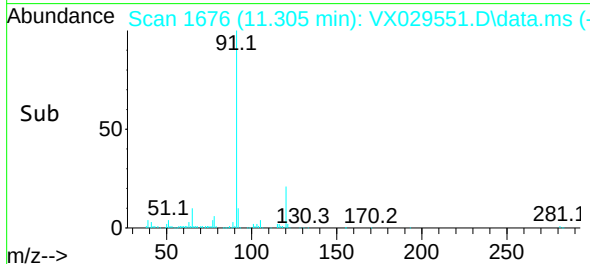
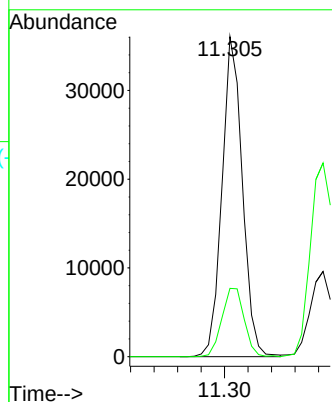
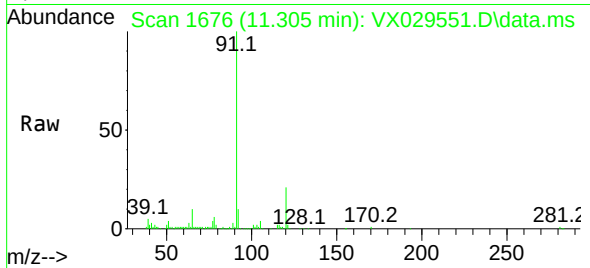




#78
n-propylbenzene
Concen: 2.819 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

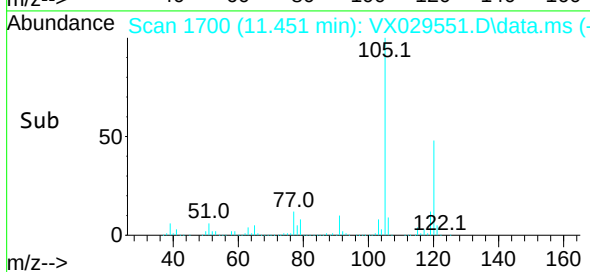
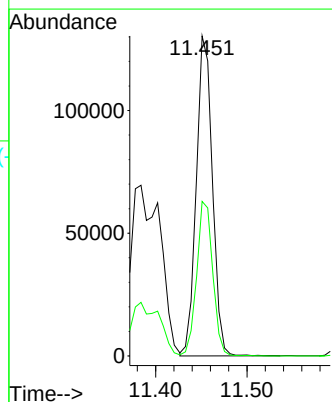
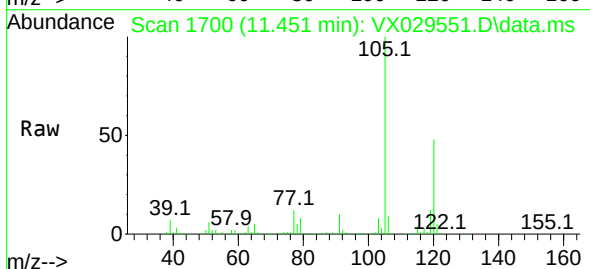
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

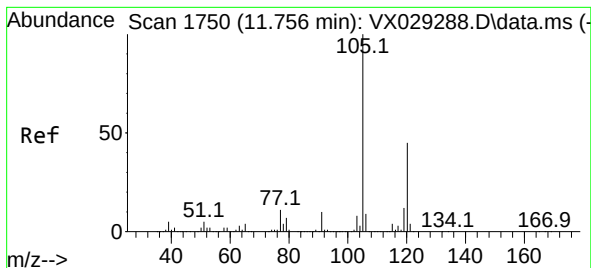
Tgt Ion: 91 Resp: 43455
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 13.835 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion: 105 Resp: 159614
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





#84

1,2,4-Trimethylbenzene

Concen: 31.287 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029551.D

Acq: 17 Jun 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

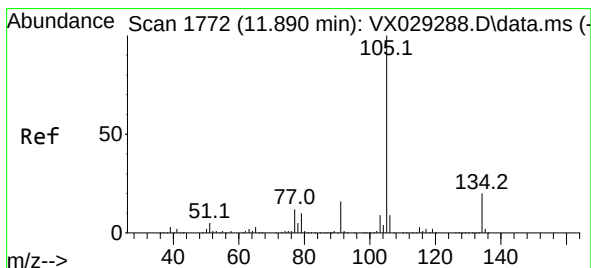
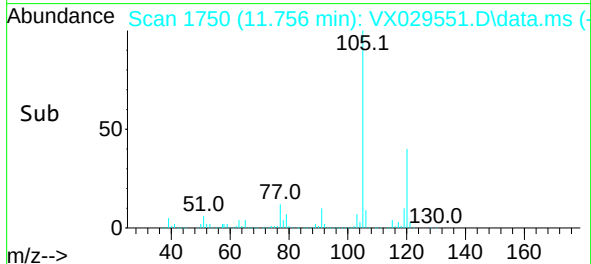
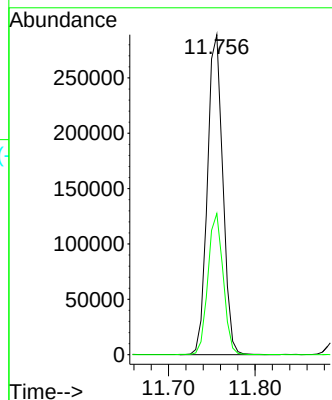
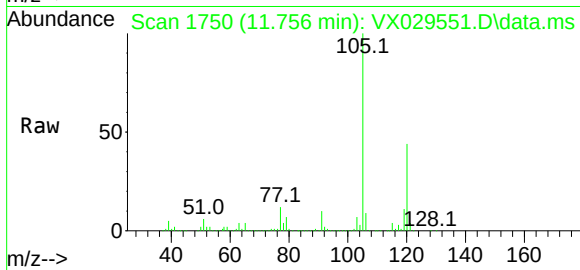
WC-14A-1A-8

Tgt Ion:105 Resp: 356268

Ion Ratio Lower Upper

105 100

120 43.8 22.6 67.8



#85

sec-Butylbenzene

Concen: 1.306 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX029551.D

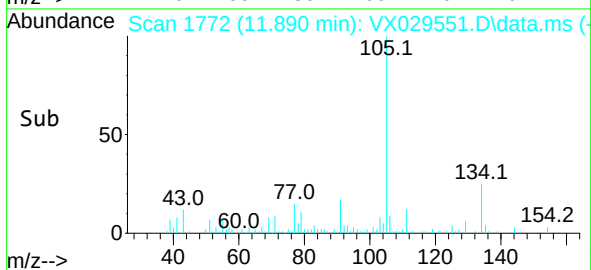
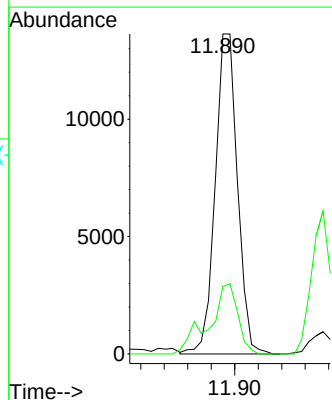
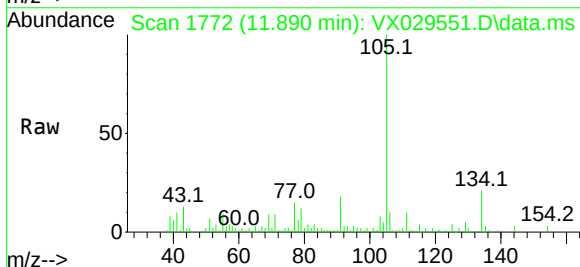
Acq: 17 Jun 2022 19:17

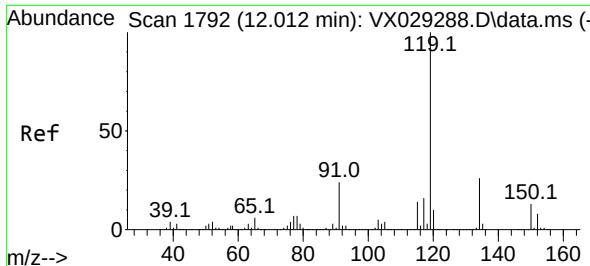
Tgt Ion:105 Resp: 17946

Ion Ratio Lower Upper

105 100

134 28.4 10.2 30.4

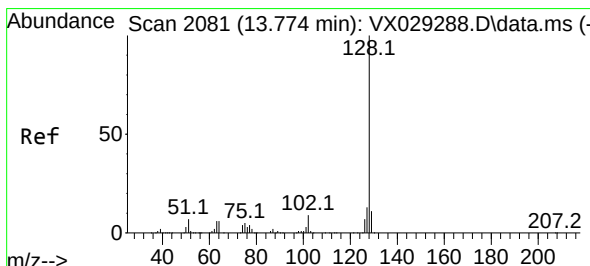
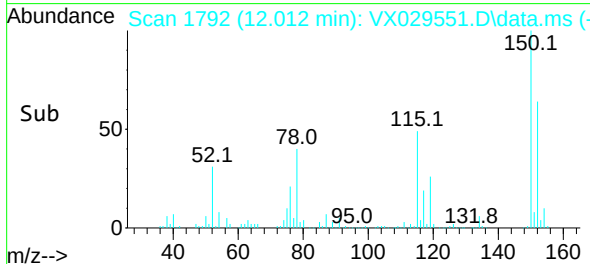
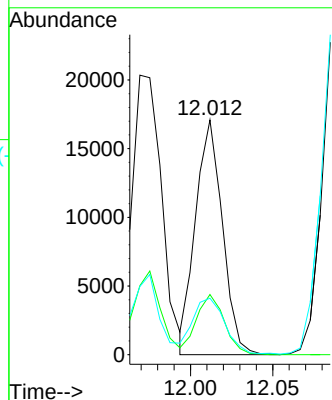
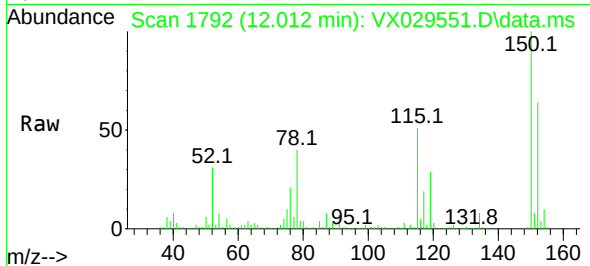




#86
p-Isopropyltoluene
Concen: 1.687 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

Tgt Ion:119	Resp:	19446
Ion Ratio	Lower	Upper
119	100	
134	26.7	13.0 39.0
91	28.1	11.3 33.9



#95
Naphthalene
Concen: 19.160 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029551.D
Acq: 17 Jun 2022 19:17

Tgt Ion:128	Resp:	240951
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	11.6	8.7 13.1

