

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061722\
 Data File : VX029552.D
 Acq On : 17 Jun 2022 19:41
 Operator : JC/MD
 Sample : N3334-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 18 00:48:06 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)

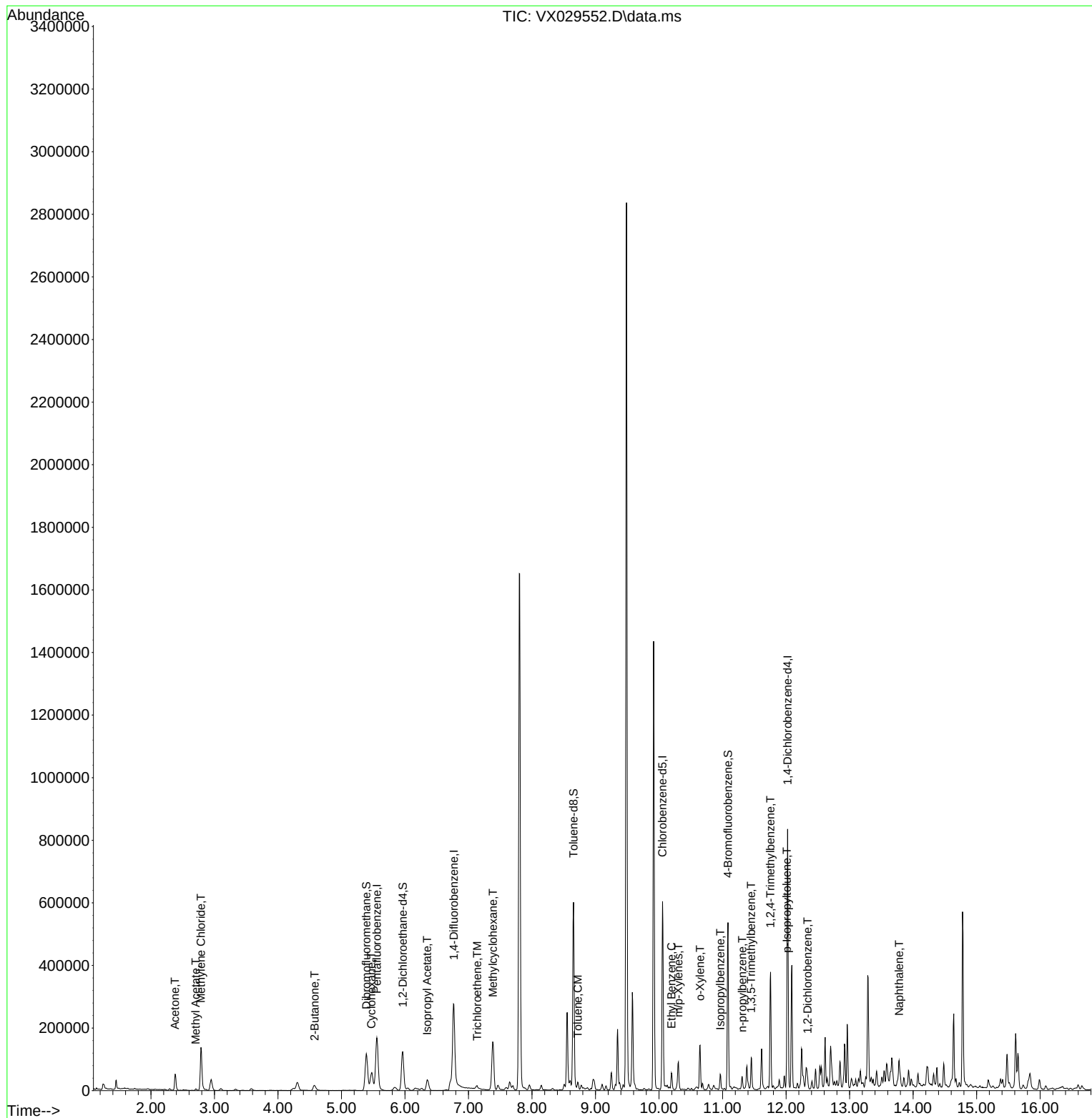
Internal Standards						
1) Pentafluorobenzene	5.556	168	158067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122625	50.999	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.000%
35) Dibromofluoromethane	5.391	113	104600	46.604	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.200%
50) Toluene-d8	8.653	98	362951	45.723	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.440%
62) 4-Bromofluorobenzene	11.085	95	149547	48.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.280%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	54050	42.269	ug/l	93
18) Methyl Acetate	2.703	43	5486	1.619	ug/l	97
20) Methylene Chloride	2.788	84	63613	22.276	ug/l	97
25) 2-Butanone	4.574	43	20505	10.137	ug/l	99
31) Cyclohexane	5.470	56	40857	9.535	ug/l	89
39) Methylcyclohexane	7.385	83	76349	16.718	ug/l	95
43) Isopropyl Acetate	6.348	43	27984	4.867	ug/l	95
44) Trichloroethene	7.135	130	4012	1.335	ug/l	98
52) Toluene	8.720	92	8147	1.150	ug/l	97
67) Ethyl Benzene	10.195	91	31920	2.378	ug/l	99
68) m/p-Xylenes	10.305	106	19766	3.806	ug/l	94
69) o-Xylene	10.646	106	22244	4.408	ug/l	92
73) Isopropylbenzene	10.963	105	25413	1.947	ug/l	98
78) n-propylbenzene	11.311	91	24808	1.675	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	46412	4.188	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	168517	15.405	ug/l	98
86) p-Isopropyltoluene	12.012	119	15152	1.369	ug/l	89
91) 1,2-Dichlorobenzene	12.341	146	7268	1.253	ug/l	96
95) Naphthalene	13.780	128	53457	4.425	ug/l #	95

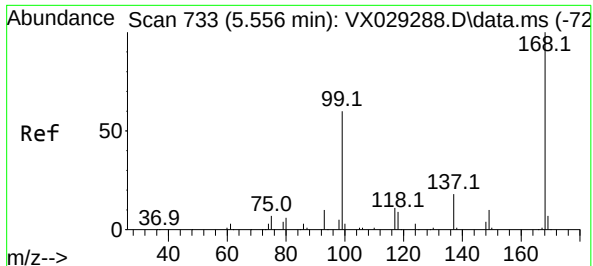
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

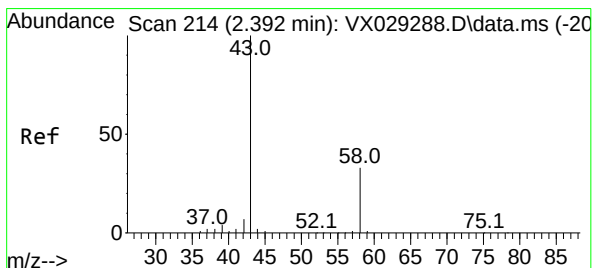
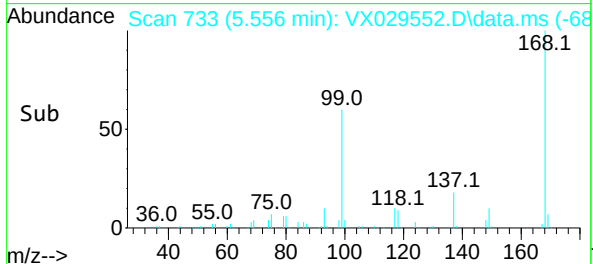
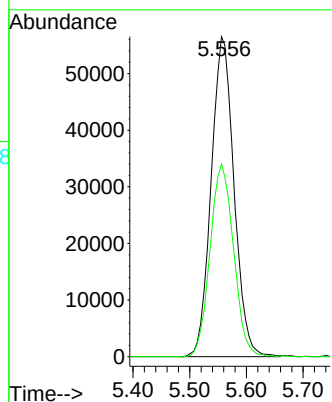
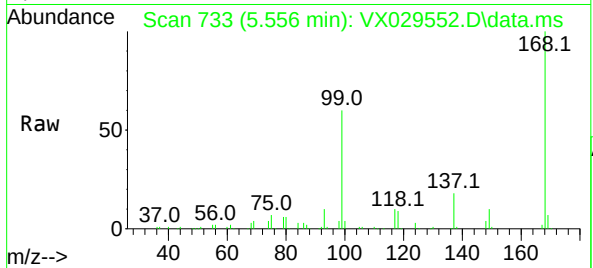




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

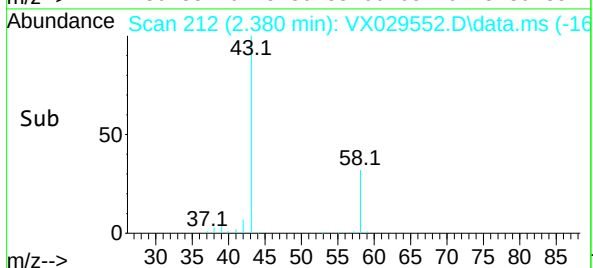
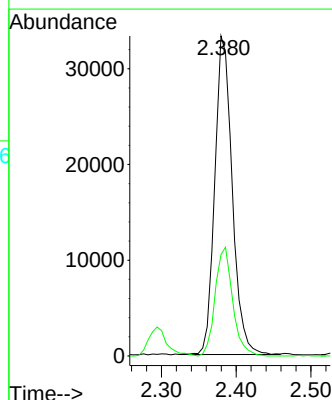
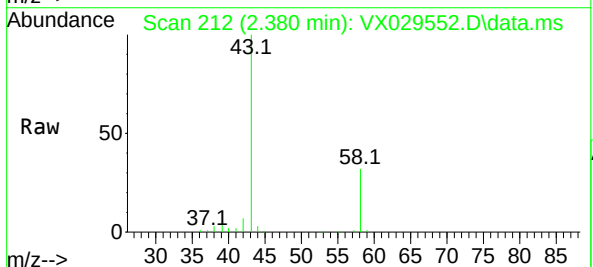
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7-GR

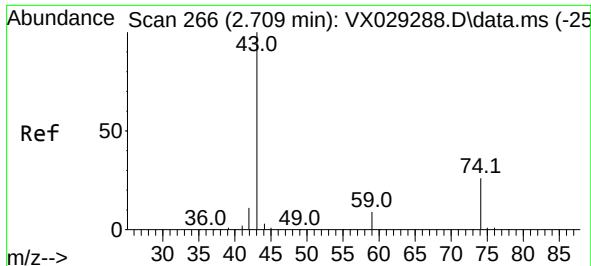
Tgt Ion:168 Resp: 158067
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#16
Acetone
Concen: 42.269 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

Tgt Ion: 43 Resp: 54050
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2





#18

Methyl Acetate

Concen: 1.619 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX029552.D

Acq: 17 Jun 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

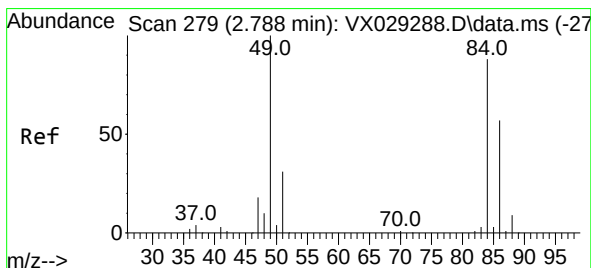
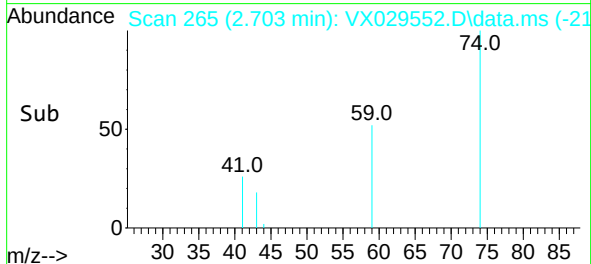
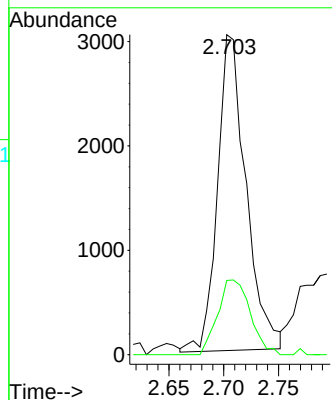
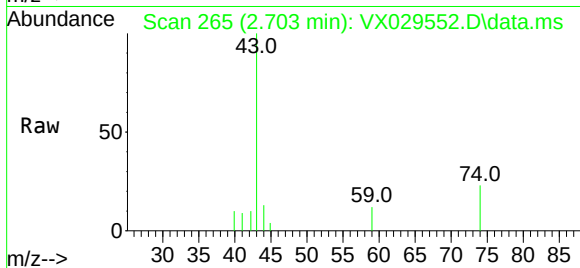
WC-14A-1A-7-GR

Tgt Ion: 43 Resp: 5486

Ion Ratio Lower Upper

43 100

74 26.9 22.8 34.2



#20

Methylene Chloride

Concen: 22.276 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX029552.D

Acq: 17 Jun 2022 19:41

Tgt Ion: 84 Resp: 63613

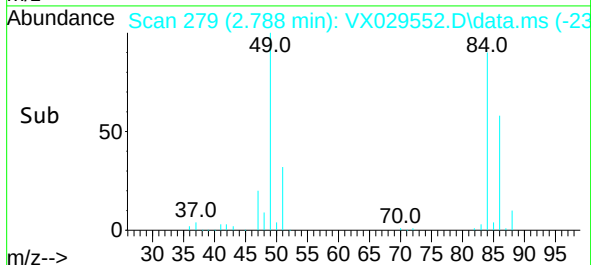
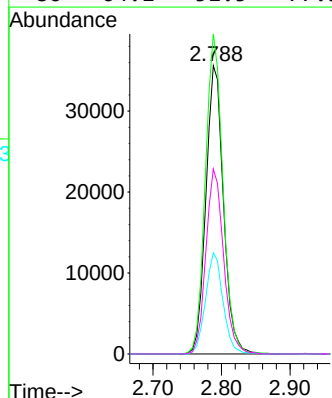
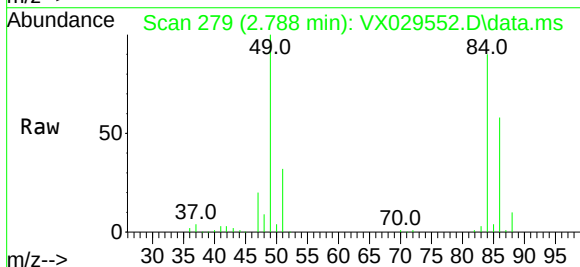
Ion Ratio Lower Upper

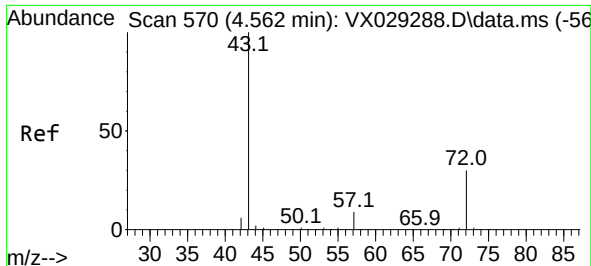
84 100

49 111.0 85.5 128.3

51 35.1 26.6 39.8

86 64.1 51.5 77.3

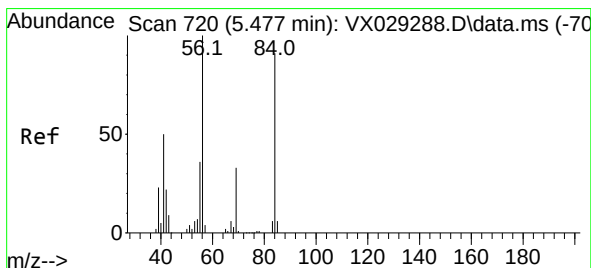
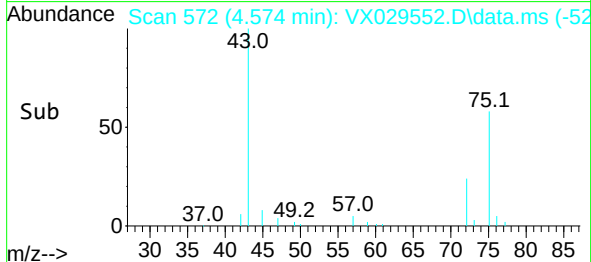
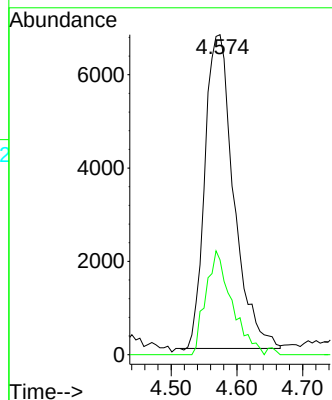
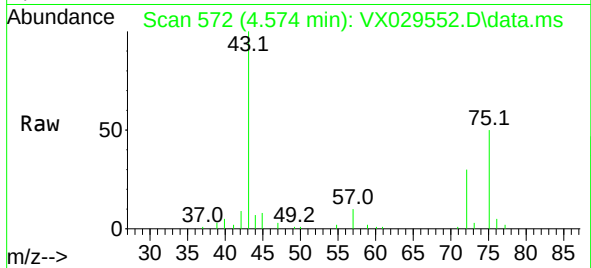




#25
2-Butanone
Concen: 10.137 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

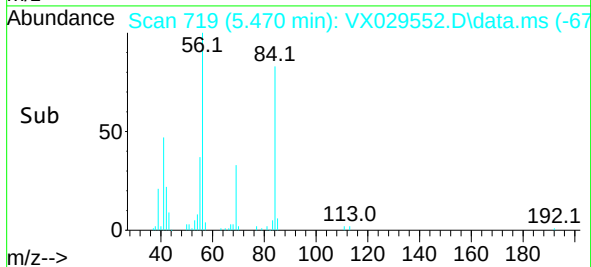
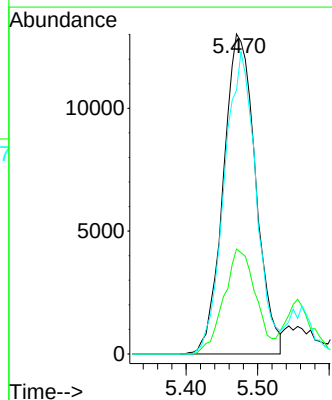
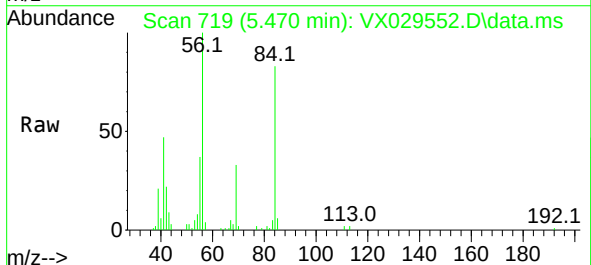
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7-GR

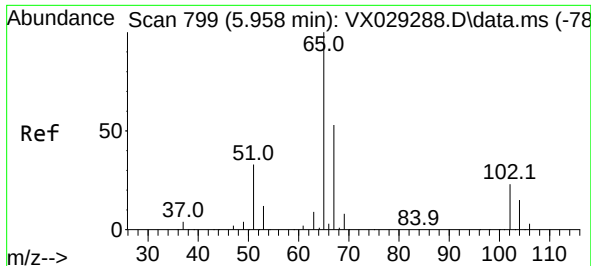
Tgt Ion: 43 Resp: 20505
Ion Ratio Lower Upper
43 100
72 30.2 24.4 36.6



#31
Cyclohexane
Concen: 9.535 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

Tgt Ion: 56 Resp: 40857
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 82.5 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 50.999 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX029552.D

Acq: 17 Jun 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

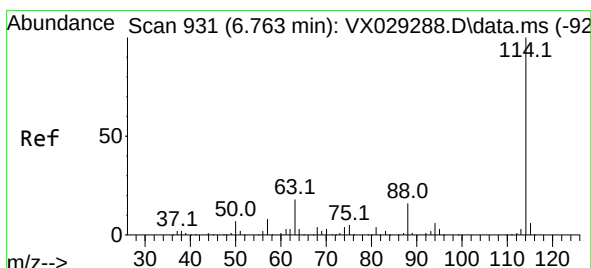
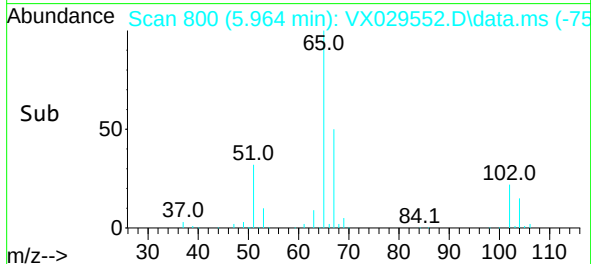
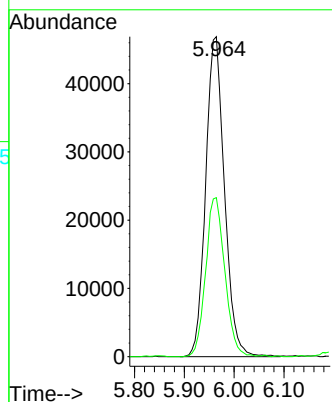
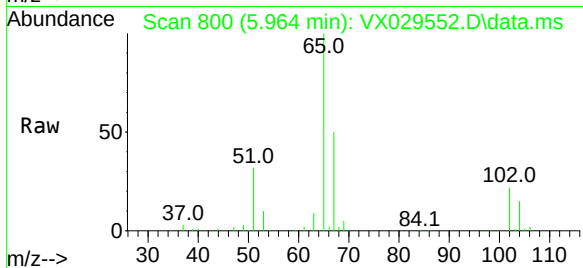
WC-14A-1A-7-GR

Tgt Ion: 65 Resp: 122625

Ion Ratio Lower Upper

65 100

67 50.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029552.D

Acq: 17 Jun 2022 19:41

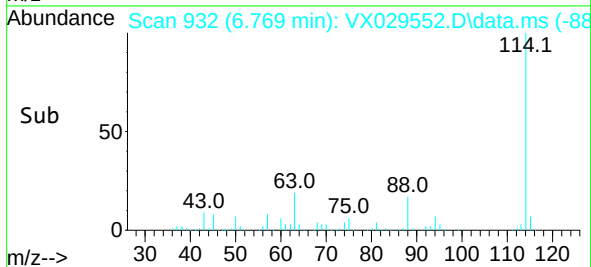
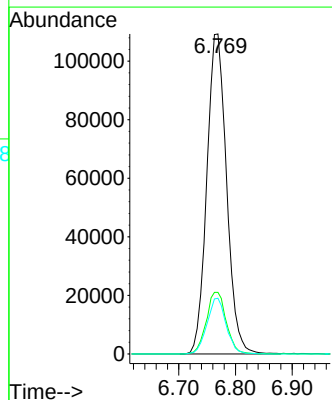
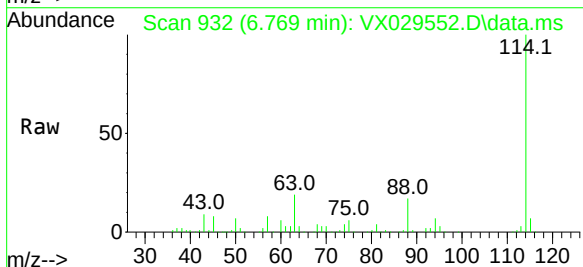
Tgt Ion: 114 Resp: 264010

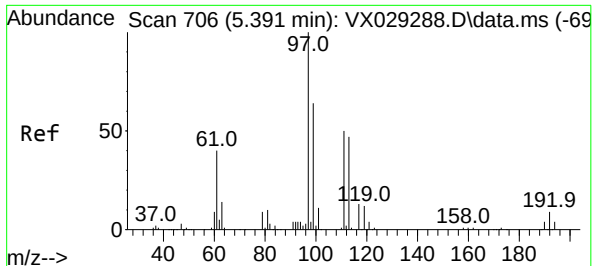
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 17.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.604 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029552.D

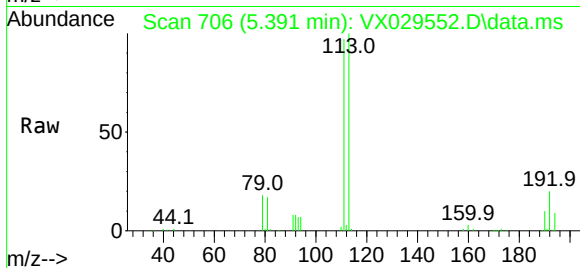
Acq: 17 Jun 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-7-GR



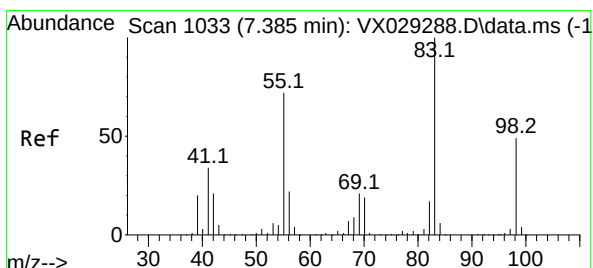
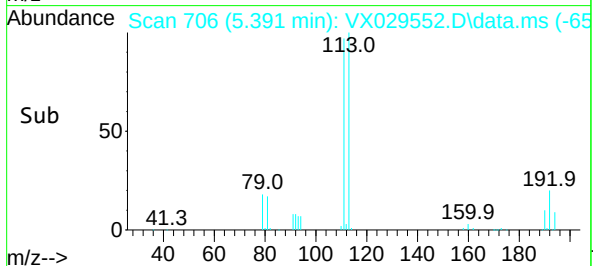
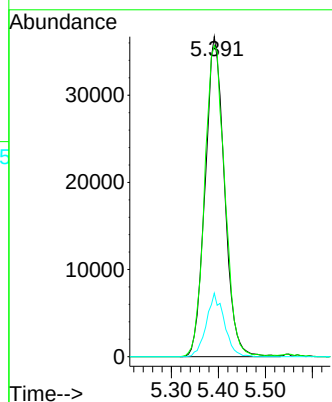
Tgt Ion:113 Resp: 104600

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 18.4 16.9 25.3



#39

Methylcyclohexane

Concen: 16.718 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029552.D

Acq: 17 Jun 2022 19:41

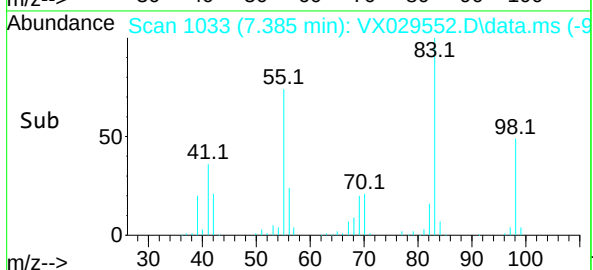
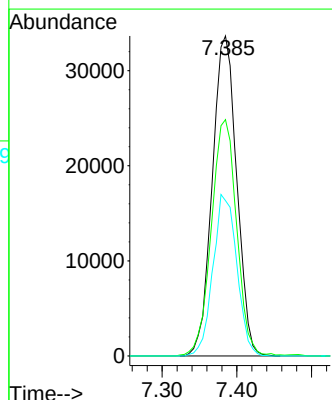
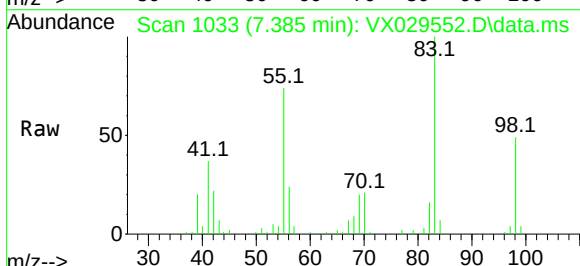
Tgt Ion: 83 Resp: 76349

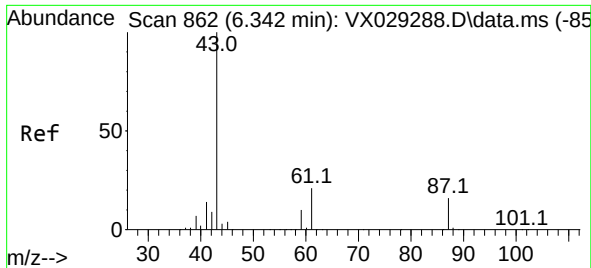
Ion Ratio Lower Upper

83 100

55 73.6 54.6 81.8

98 48.6 37.4 56.2

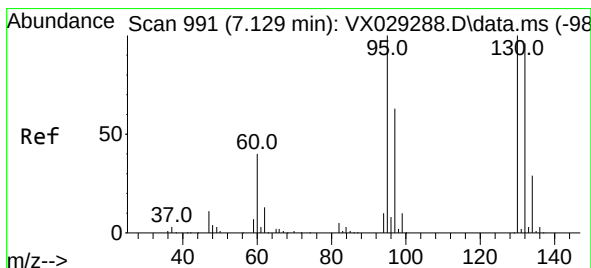
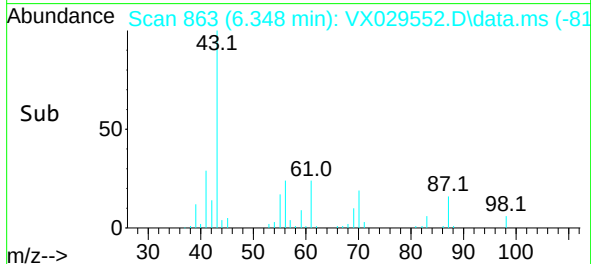
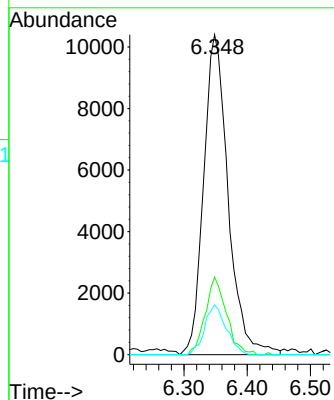
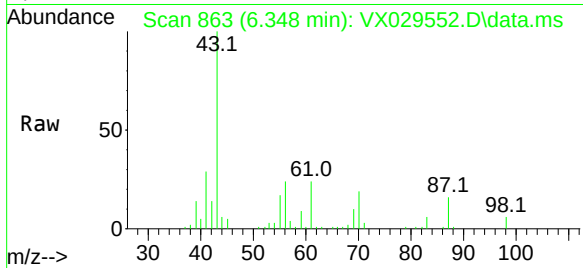




#43
Isopropyl Acetate
Concen: 4.867 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

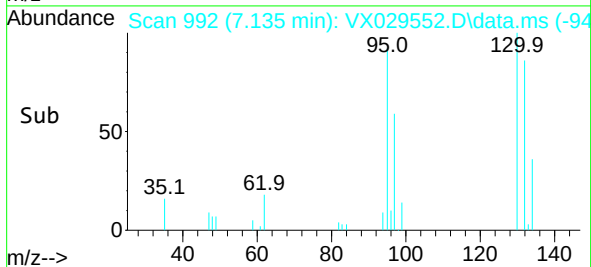
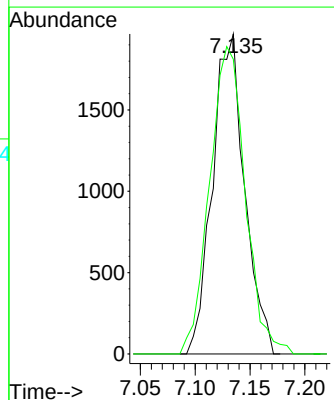
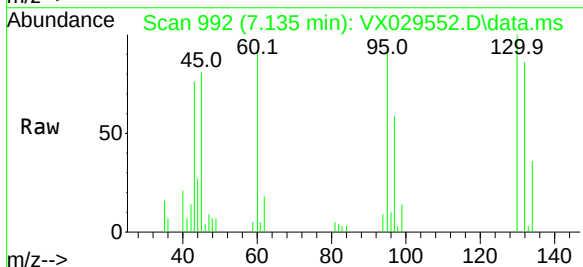
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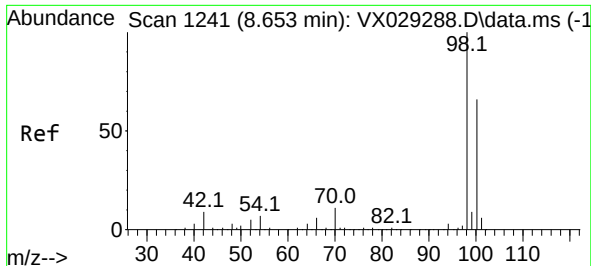
Tgt Ion: 43 Resp: 27984
Ion Ratio Lower Upper
43 100
61 21.0 18.5 27.7
87 13.7 13.0 19.6



#44
Trichloroethene
Concen: 1.335 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

Tgt Ion: 130 Resp: 4012
Ion Ratio Lower Upper
130 100
95 92.1 0.0 188.8

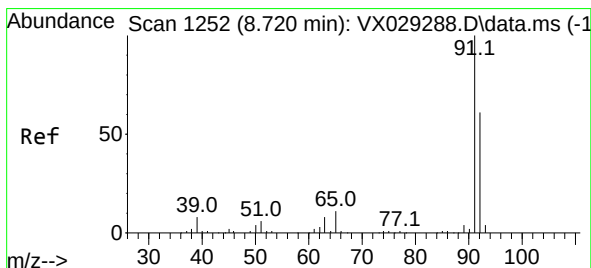
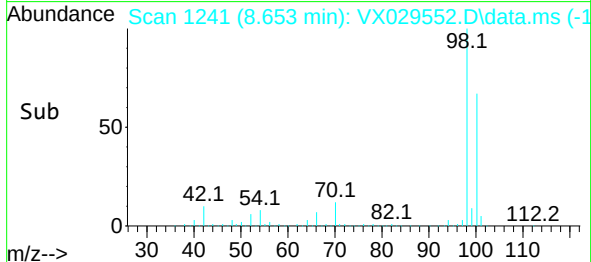
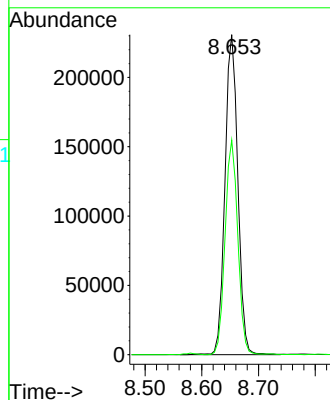
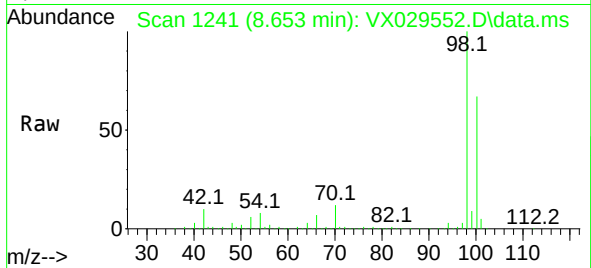




#50
Toluene-d8
Concen: 45.723 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

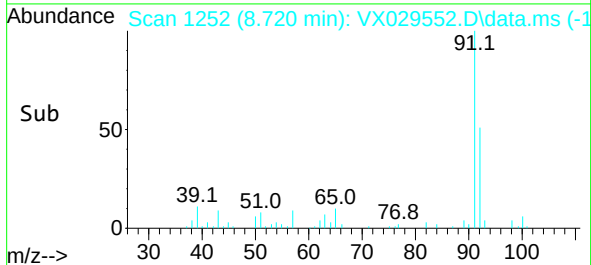
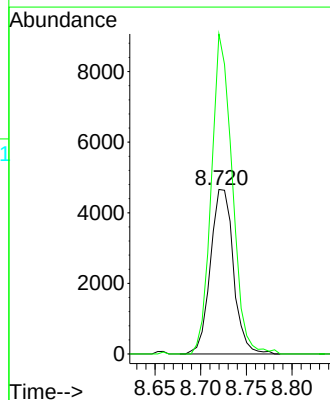
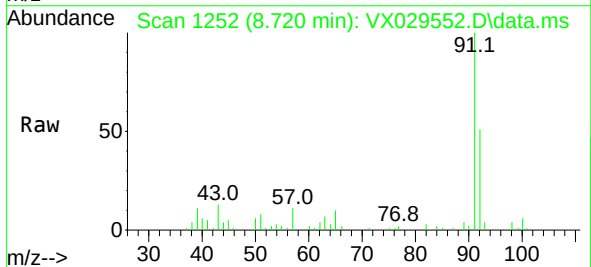
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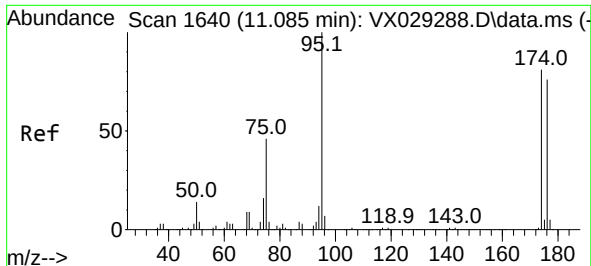
Tgt Ion: 98 Resp: 362951
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#52
Toluene
Concen: 1.150 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

Tgt Ion: 92 Resp: 8147
Ion Ratio Lower Upper
92 100
91 176.6 137.5 206.3

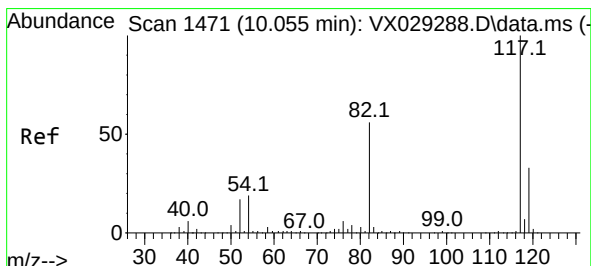
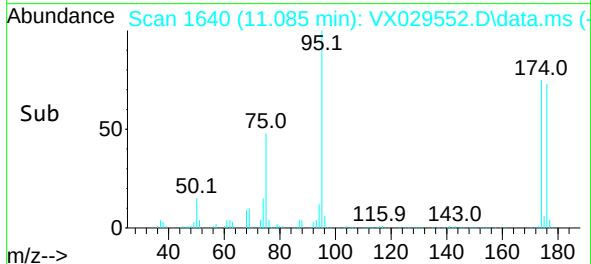
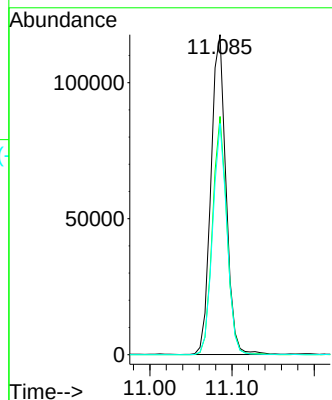
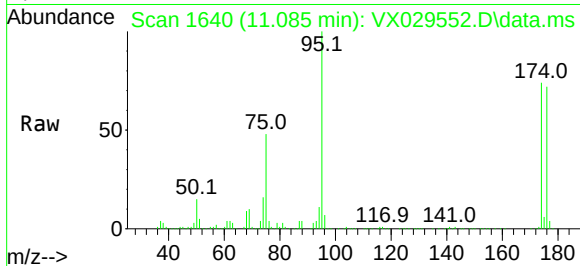




#62
4-Bromofluorobenzene
Concen: 48.141 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

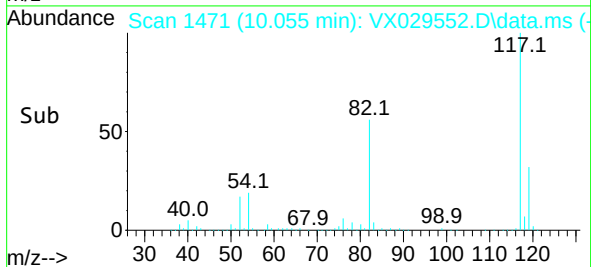
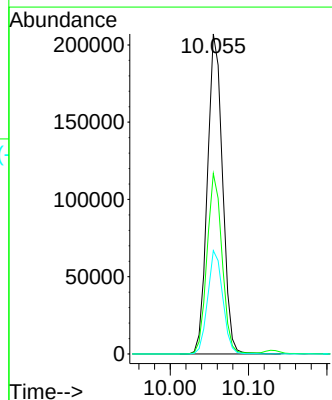
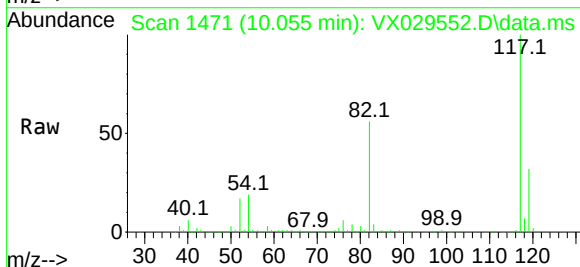
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7-GR

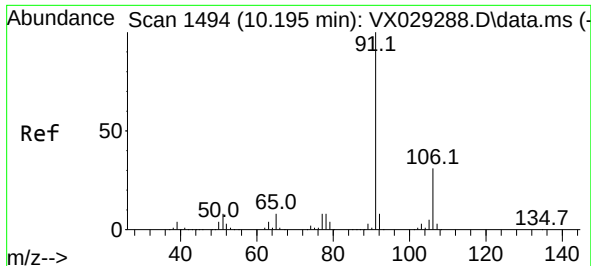
Tgt Ion: 95 Resp: 149547
Ion Ratio Lower Upper
95 100
174 70.9 0.0 163.0
176 68.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

Tgt Ion: 117 Resp: 277040
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.3 24.8 37.2





#67

Ethyl Benzene

Concen: 2.378 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX029552.D

Acq: 17 Jun 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

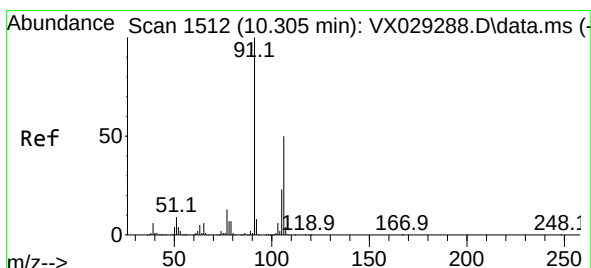
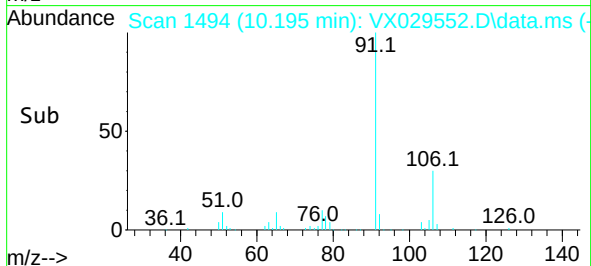
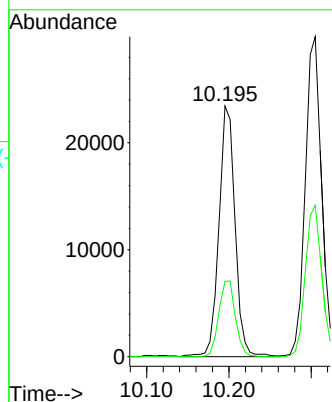
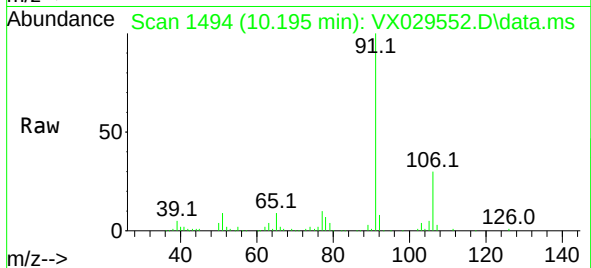
WC-14A-1A-7-GR

Tgt Ion: 91 Resp: 31920

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8



#68

m/p-Xylenes

Concen: 3.806 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029552.D

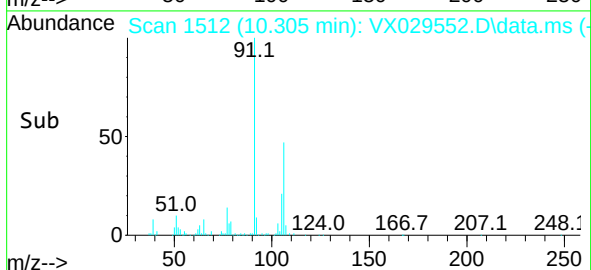
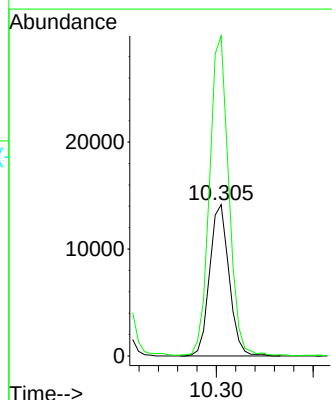
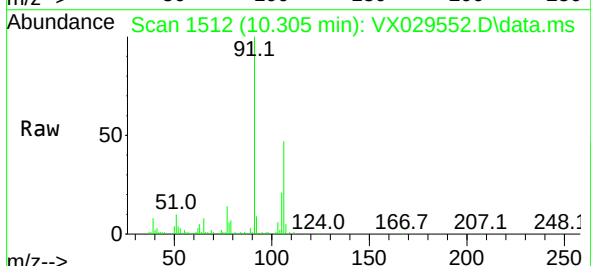
Acq: 17 Jun 2022 19:41

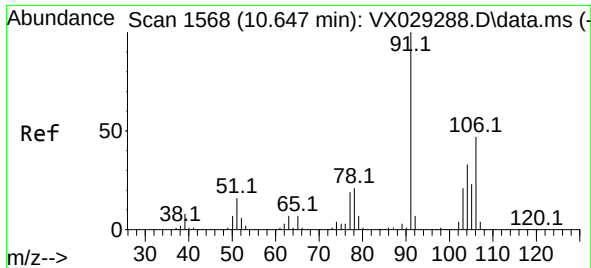
Tgt Ion: 106 Resp: 19766

Ion Ratio Lower Upper

106 100

91 210.3 160.4 240.6

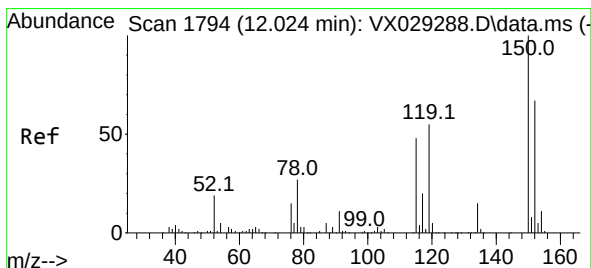
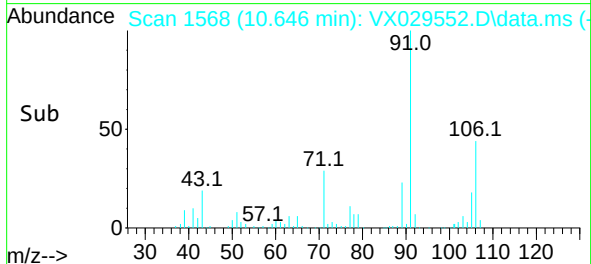
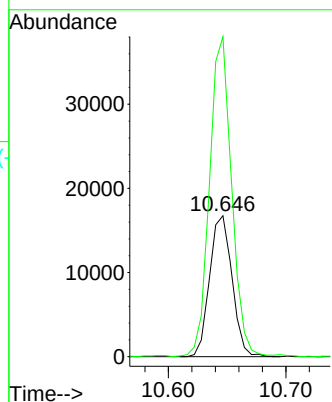
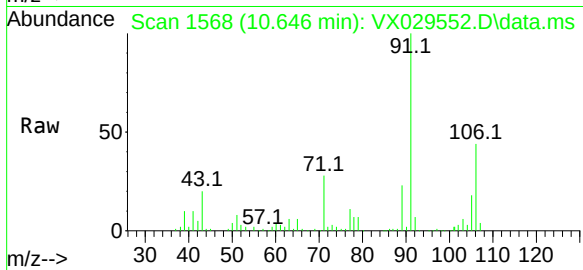




#69
o-Xylene
Concen: 4.408 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

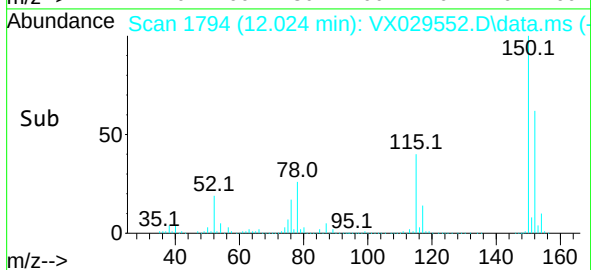
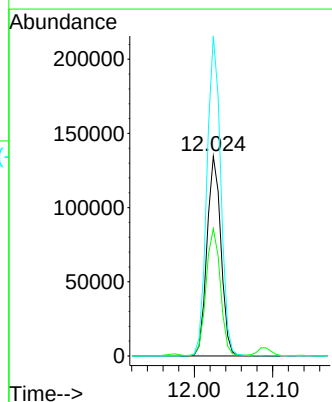
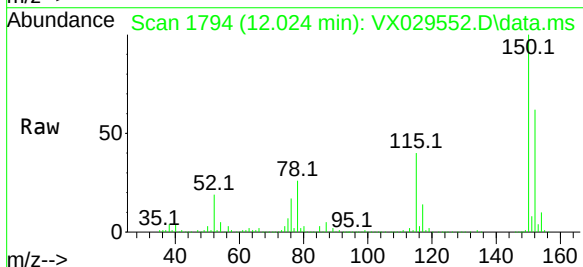
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7-GR

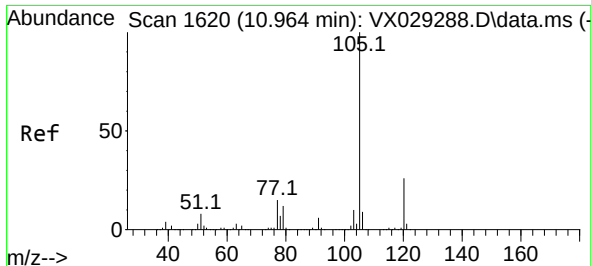
Tgt Ion:106 Resp: 22244
Ion Ratio Lower Upper
106 100
91 224.2 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

Tgt Ion:152 Resp: 165792
Ion Ratio Lower Upper
152 100
115 64.5 37.5 112.7
150 158.6 0.0 338.2

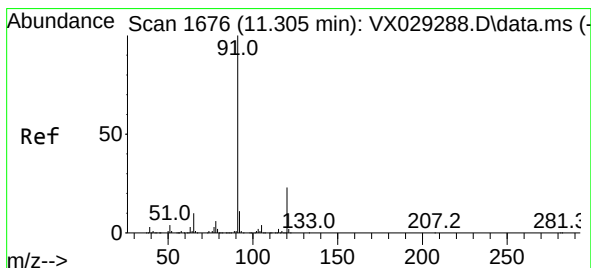
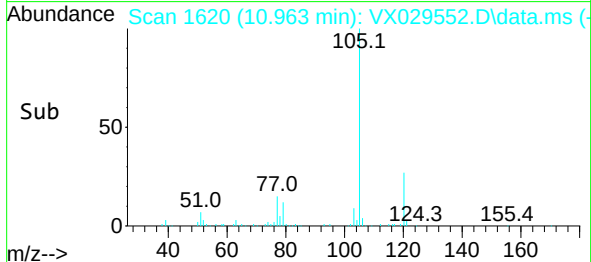
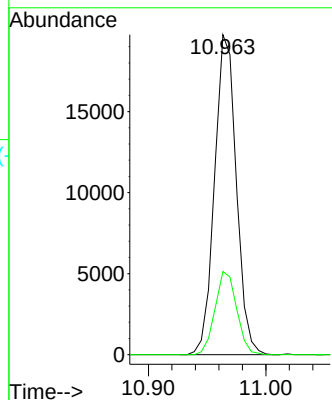
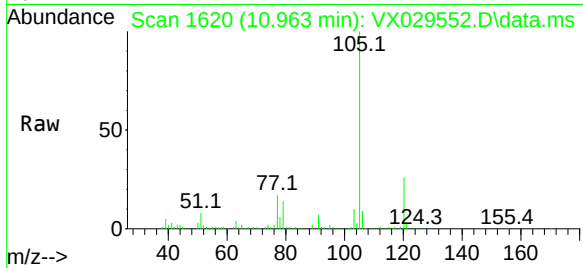




#73
Isopropylbenzene
Concen: 1.947 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

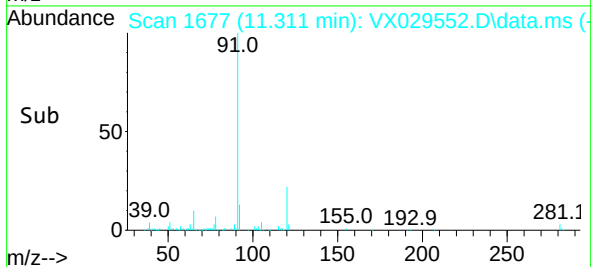
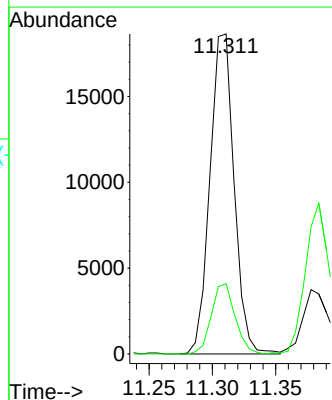
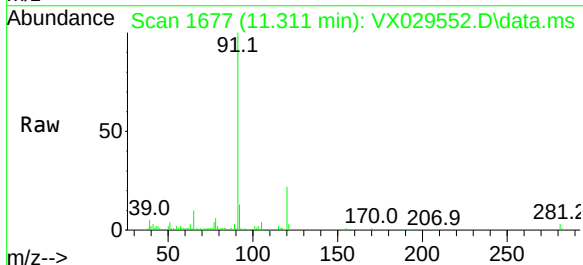
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7-GR

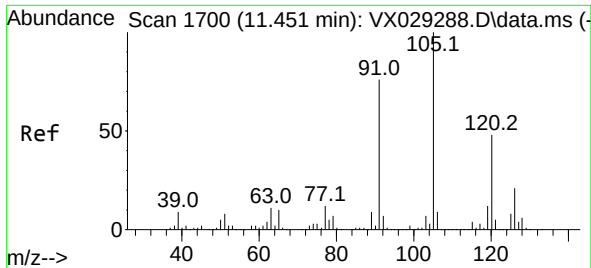
Tgt Ion:105 Resp: 25413
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5



#78
n-propylbenzene
Concen: 1.675 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

Tgt Ion: 91 Resp: 24808
Ion Ratio Lower Upper
91 100
120 21.5 11.6 34.8

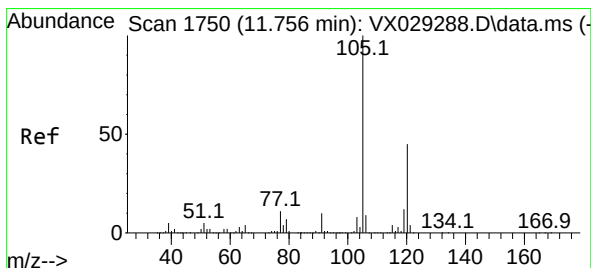
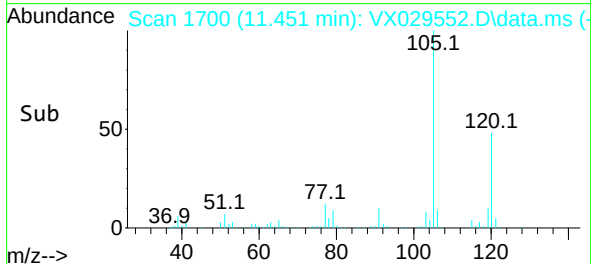
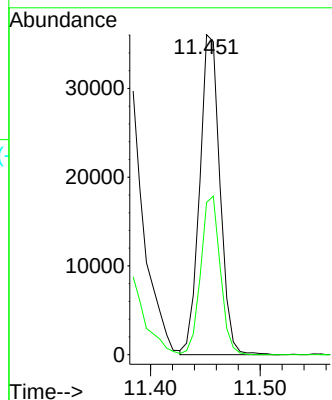
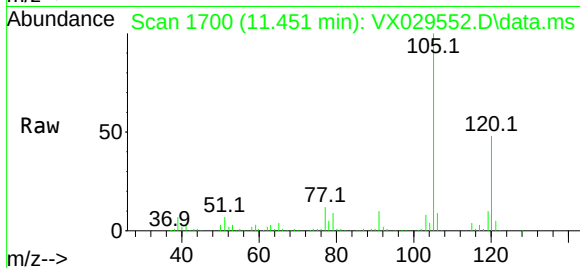




#80
1,3,5-Trimethylbenzene
Concen: 4.188 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

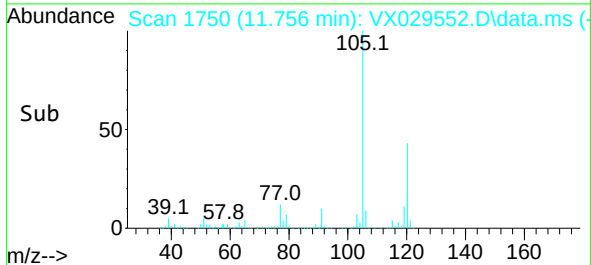
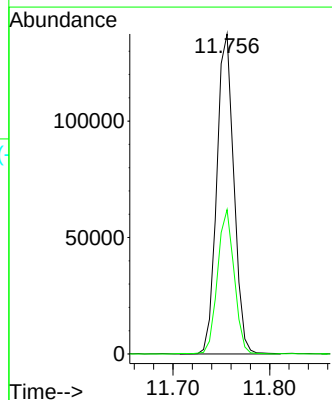
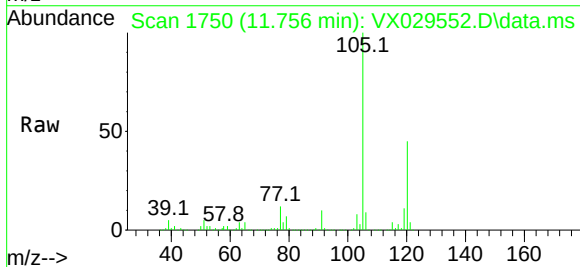
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7-GR

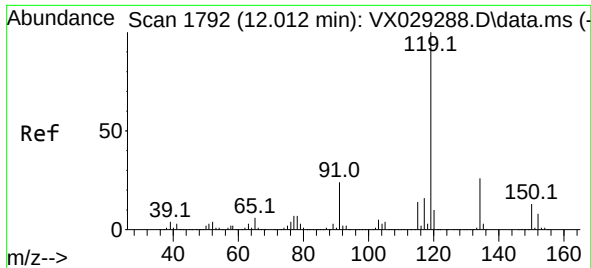
Tgt Ion:105 Resp: 46412
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 15.405 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

Tgt Ion:105 Resp: 168517
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8

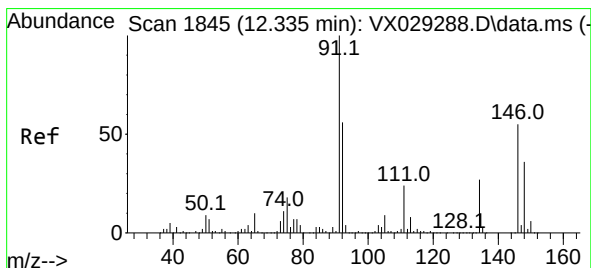
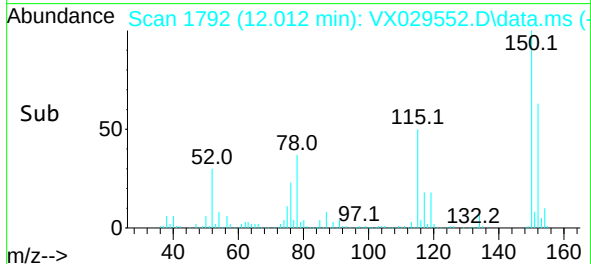
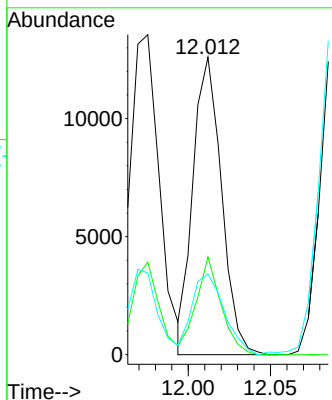
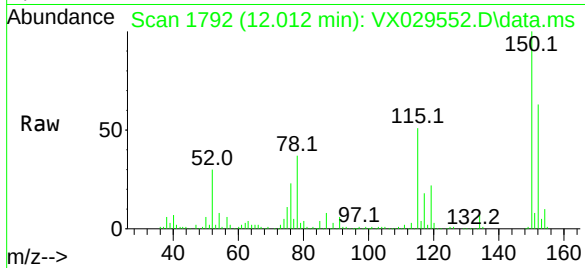




#86
p-Isopropyltoluene
Concen: 1.369 ug/l
RT: 12.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

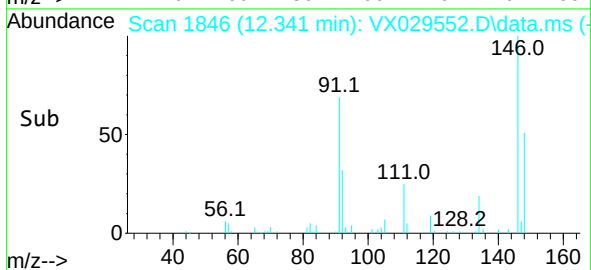
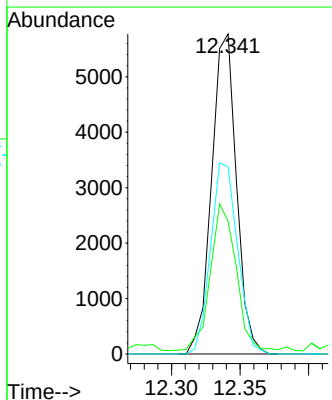
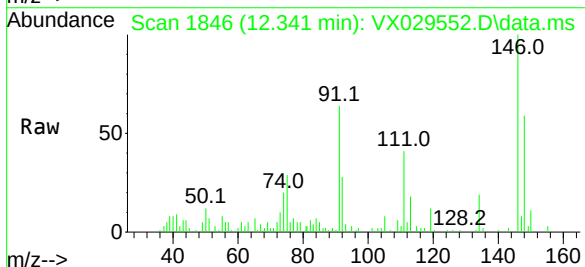
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7-GR

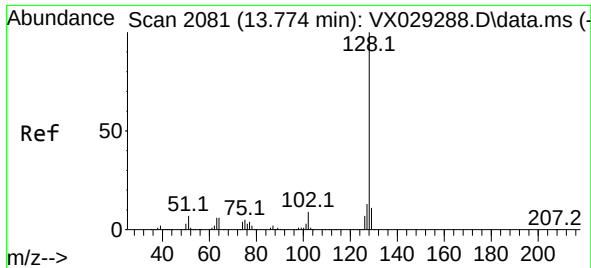
Tgt Ion:	119	Resp:	15152
Ion	Ratio	Lower	Upper
119	100		
134	28.9	13.0	39.0
91	31.0	11.3	33.9



#91
1,2-Dichlorobenzene
Concen: 1.253 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

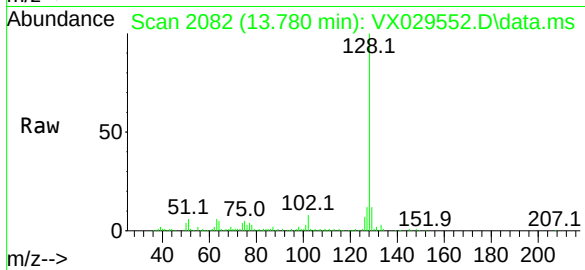
Tgt Ion:	146	Resp:	7268
Ion	Ratio	Lower	Upper
146	100		
111	47.8	21.0	63.0
148	65.0	32.6	97.7





#95
Naphthalene
Concen: 4.425 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX029552.D
Acq: 17 Jun 2022 19:41

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



Tgt Ion:128 Resp: 53457
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 14.2 8.7 13.1#

