

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031132.D
 Acq On : 06 Sep 2022 16:49
 Operator : JC/MD
 Sample : N4489-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0068

Quant Time: Sep 06 17:30:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

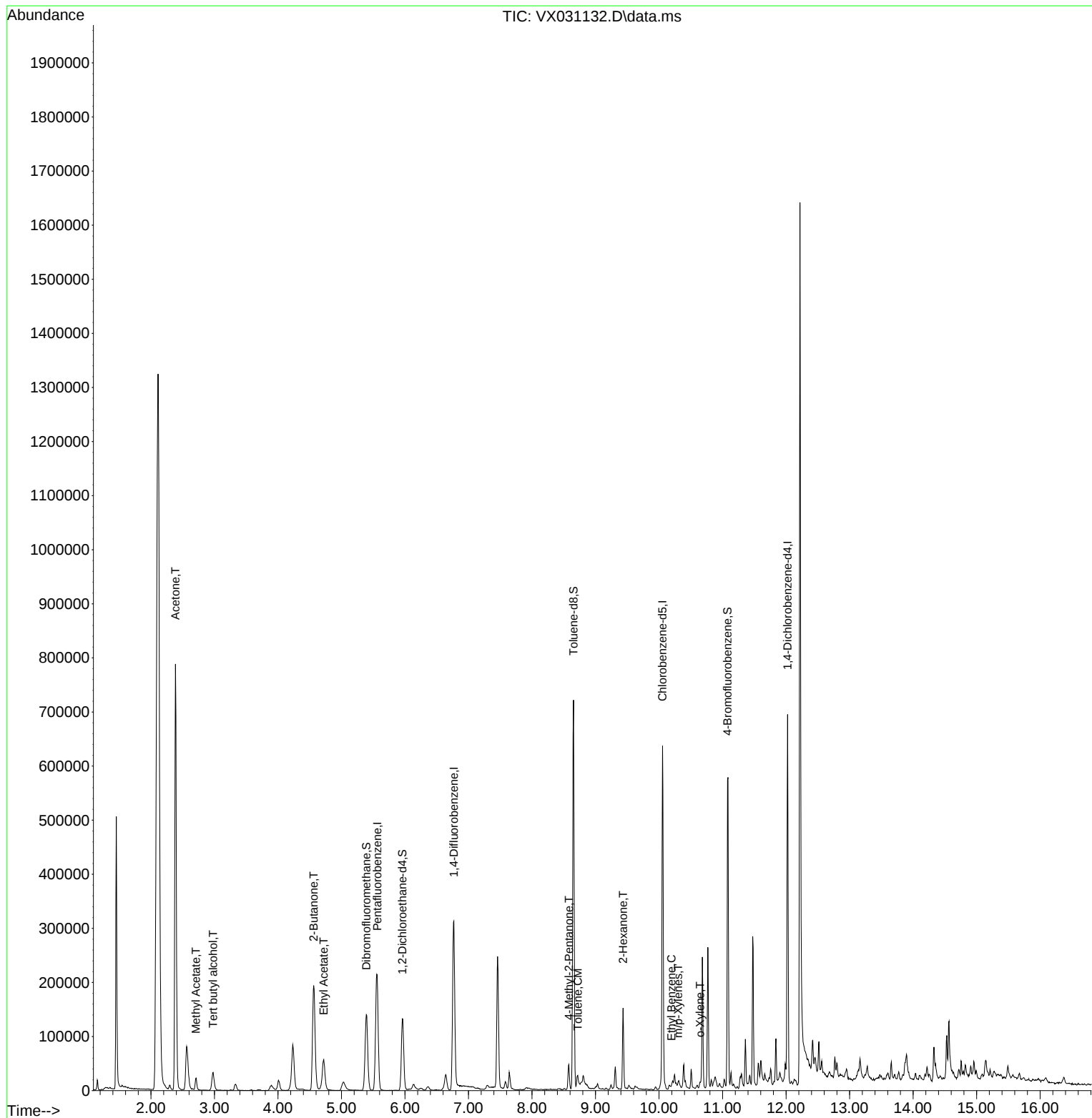
Internal Standards						
1) Pentafluorobenzene	5.562	168	226059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133346	45.844	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.680%		
35) Dibromofluoromethane	5.391	113	125924	49.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	8.653	98	451010	48.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.079	95	161336	48.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	41926	54.523	ug/l #	95
16) Acetone	2.385	43	818080	728.545	ug/l	99
18) Methyl Acetate	2.708	43	24083	7.464	ug/l #	84
25) 2-Butanone	4.562	43	320822	185.067	ug/l #	84
37) Ethyl Acetate	4.720	43	86601	28.076	ug/l #	93
51) 4-Methyl-2-Pentanone	8.579	43	23949	7.728	ug/l #	87
52) Toluene	8.720	92	2361	0.357	ug/l	99
59) 2-Hexanone	9.433	43	66884	28.539	ug/l	86
67) Ethyl Benzene	10.195	91	2670	0.209	ug/l	89
68) m/p-Xylenes	10.299	106	2271	0.454	ug/l	99
69) o-Xylene	10.646	106	1441	0.294	ug/l	73

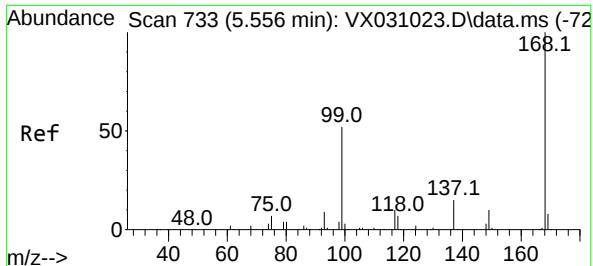
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 17:30:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

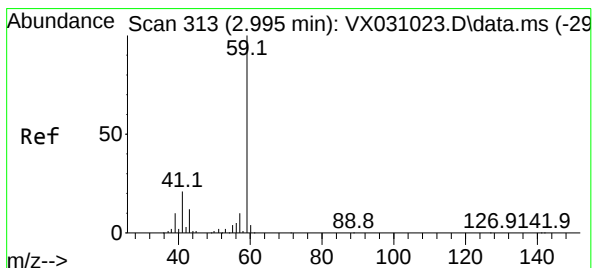
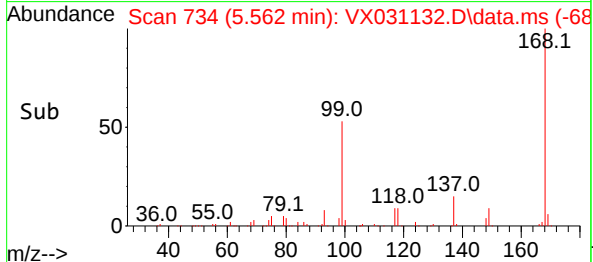
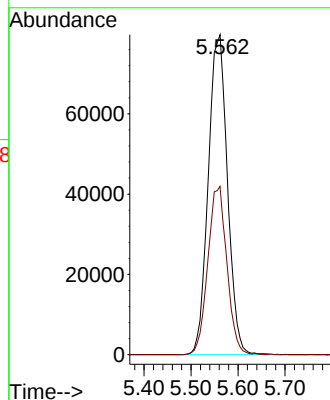
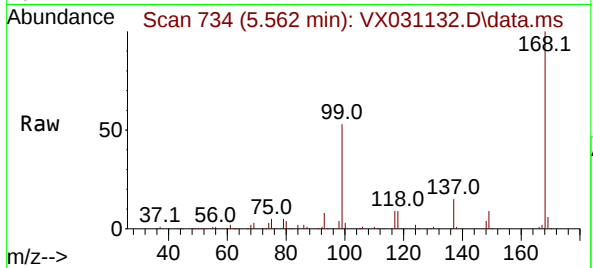




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

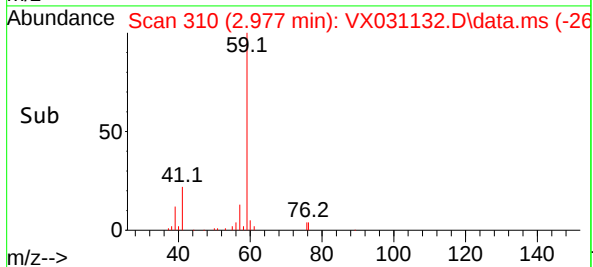
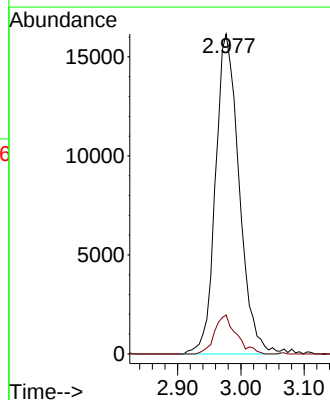
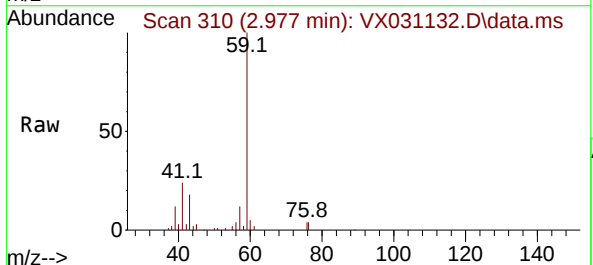
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068

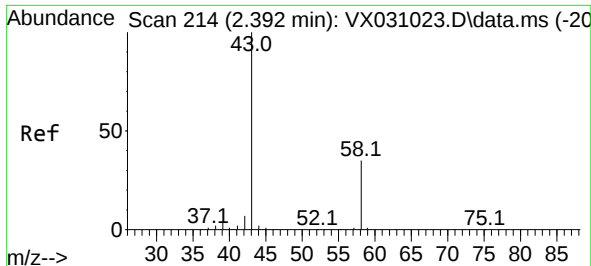
Tgt Ion:168 Resp: 226059
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 54.523 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

Tgt Ion: 59 Resp: 41926
Ion Ratio Lower Upper
59 100
57 11.2 7.4 11.2#

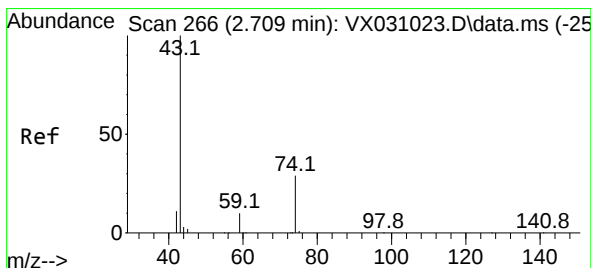
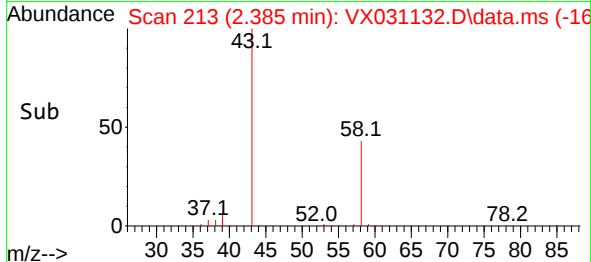
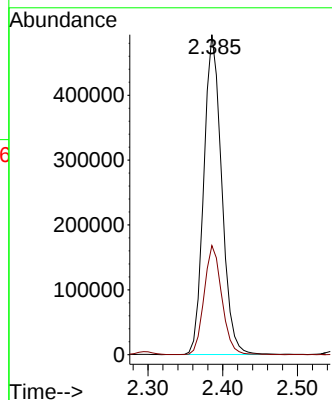
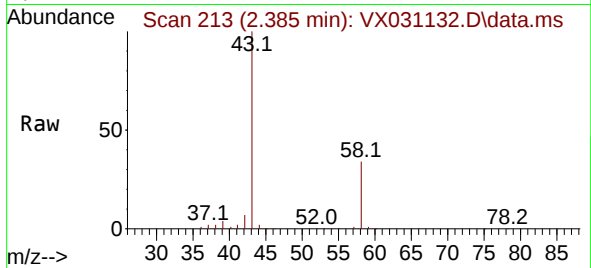




#16
Acetone
Concen: 728.545 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

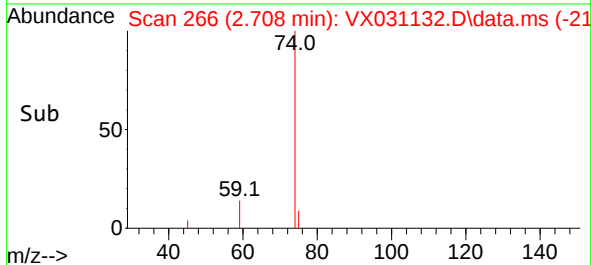
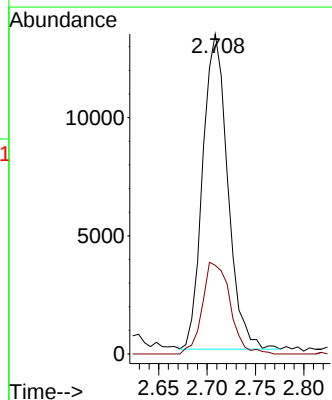
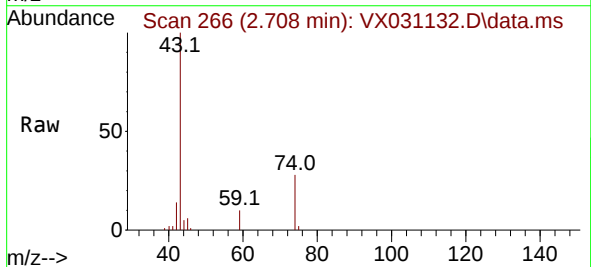
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068

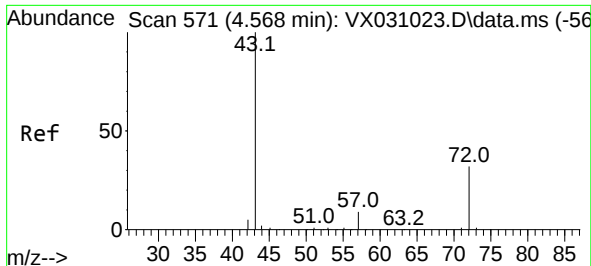
Tgt Ion: 43 Resp: 818080
Ion Ratio Lower Upper
43 100
58 34.1 27.7 41.5



#18
Methyl Acetate
Concen: 7.464 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.001 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

Tgt Ion: 43 Resp: 24083
Ion Ratio Lower Upper
43 100
74 32.1 19.4 29.2#





#25

2-Butanone

Concen: 185.067 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031132.D

Acq: 06 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

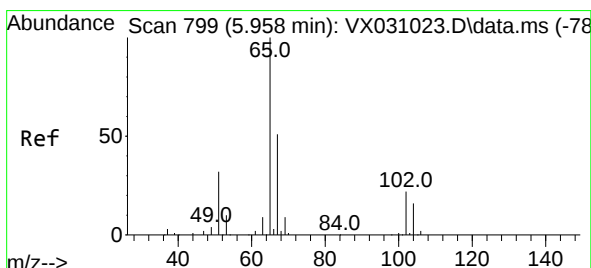
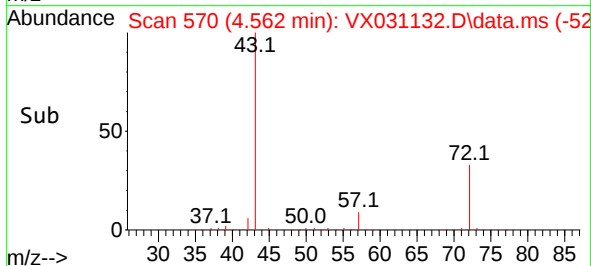
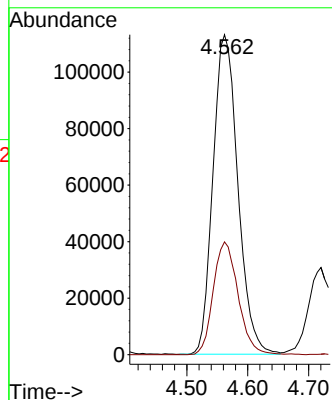
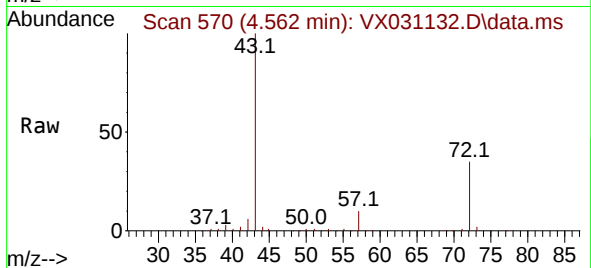
ORA-0068

Tgt Ion: 43 Resp: 320822

Ion Ratio Lower Upper

43 100

72 35.3 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 45.844 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031132.D

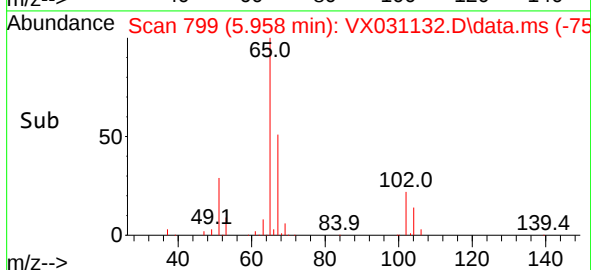
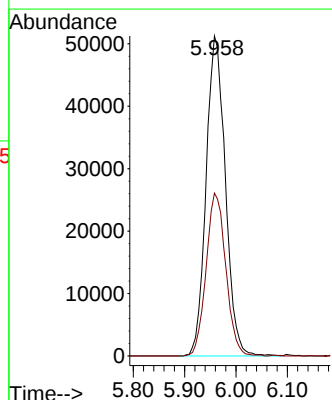
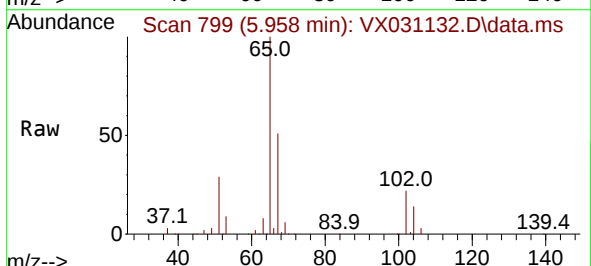
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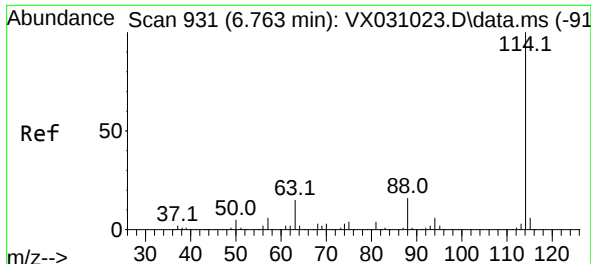
Tgt Ion: 65 Resp: 133346

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6

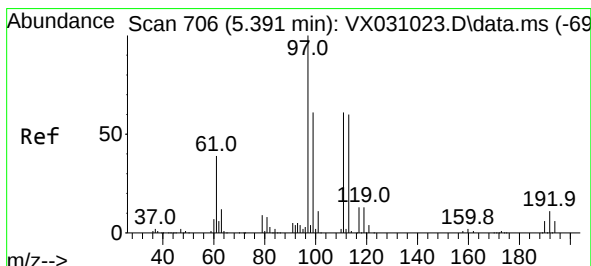
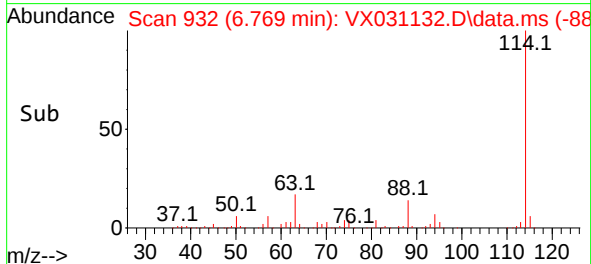
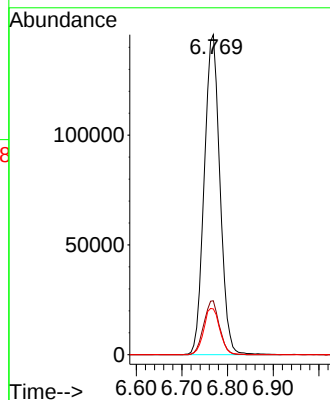
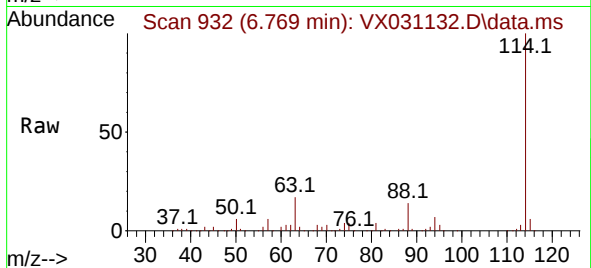




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

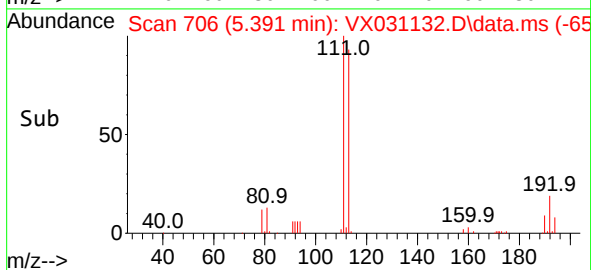
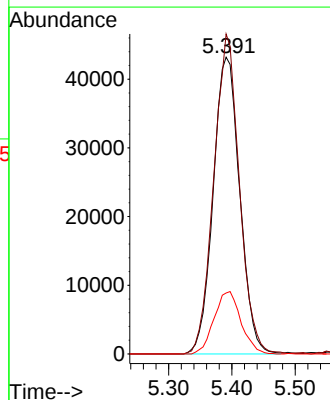
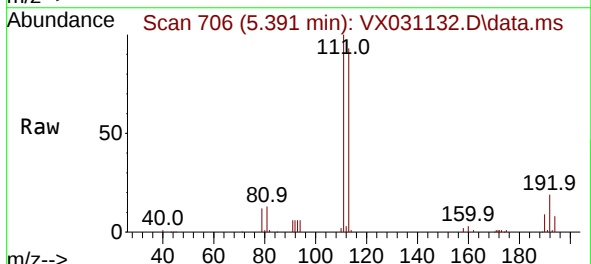
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068

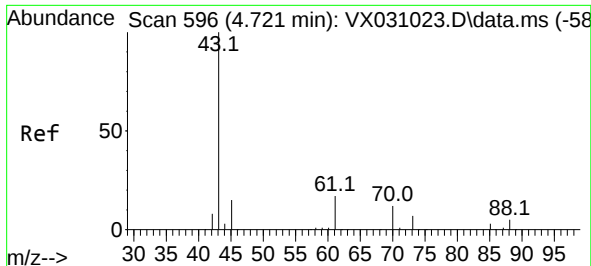
Tgt Ion:114 Resp: 347305
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.4
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.684 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

Tgt Ion:113 Resp: 125924
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 21.3 14.8 22.2





#37

Ethyl Acetate

Concen: 28.076 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.001 min

Lab File: VX031132.D

Acq: 06 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

ORA-0068

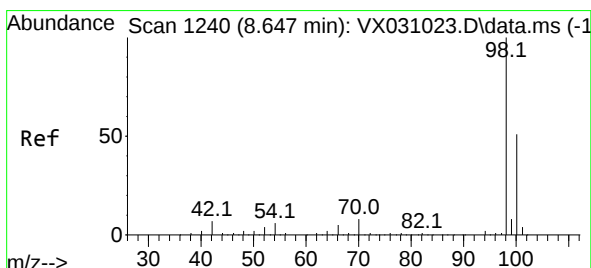
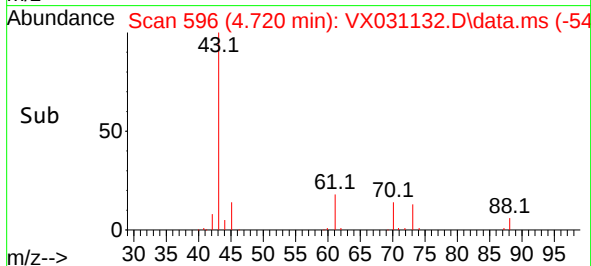
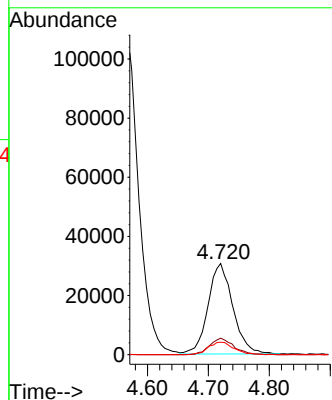
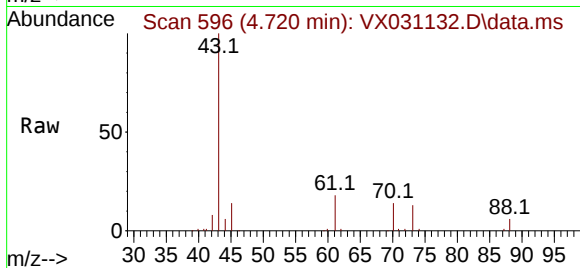
Tgt Ion: 43 Resp: 86601

Ion Ratio Lower Upper

43 100

61 17.6 11.7 17.5#

70 14.3 9.3 13.9#



#50

Toluene-d8

Concen: 48.350 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031132.D

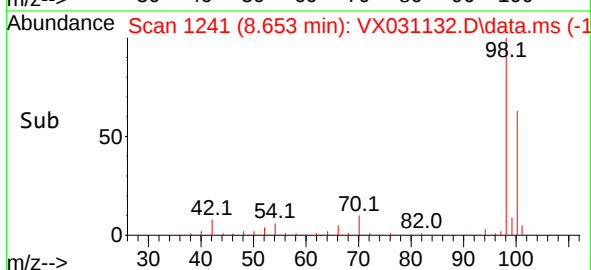
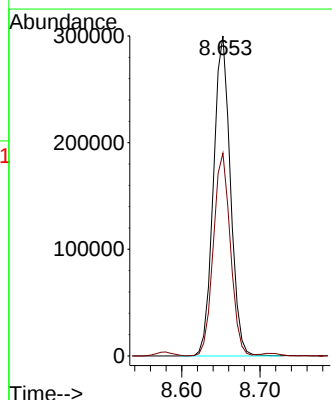
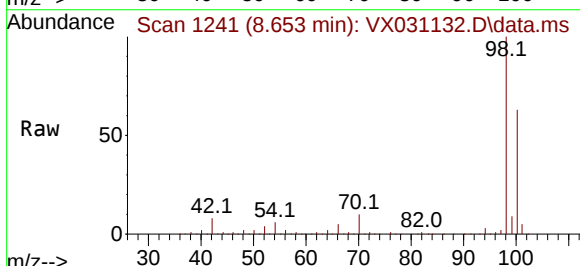
Acq: 06 Sep 2022 16:49

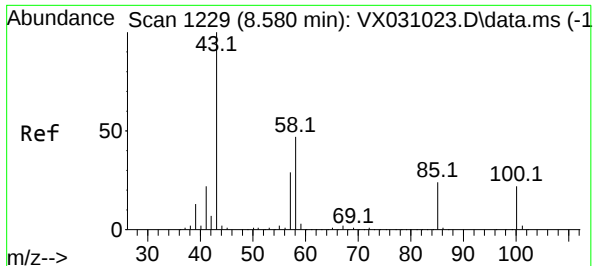
Tgt Ion: 98 Resp: 451010

Ion Ratio Lower Upper

98 100

100 63.5 52.3 78.5

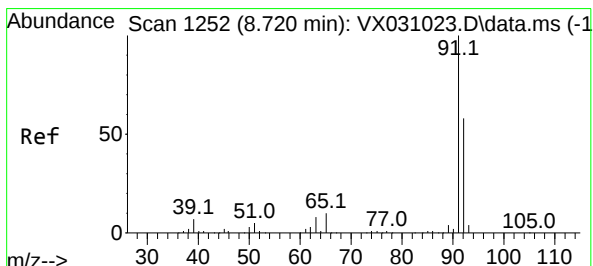
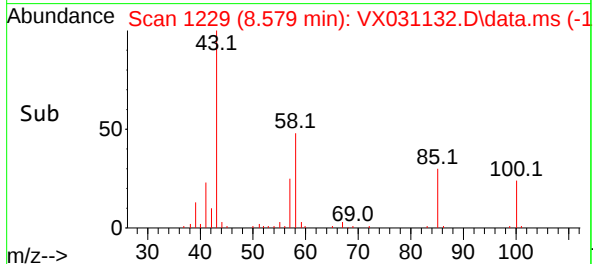
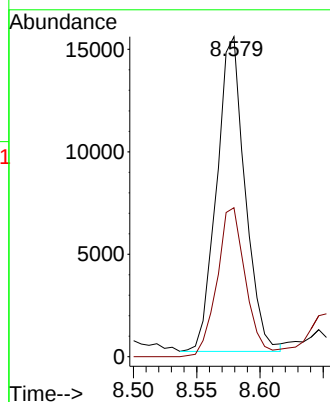
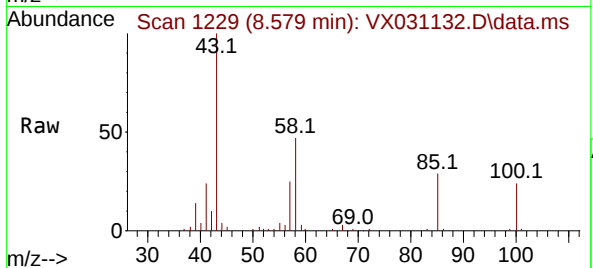




#51
4-Methyl-2-Pentanone
Concen: 7.728 ug/l
RT: 8.579 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

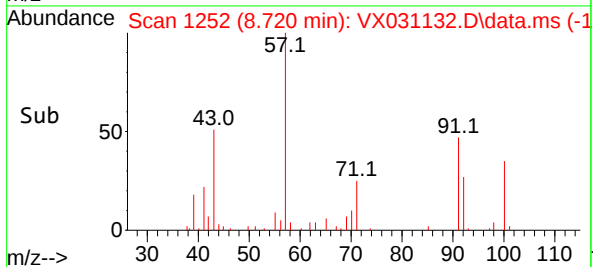
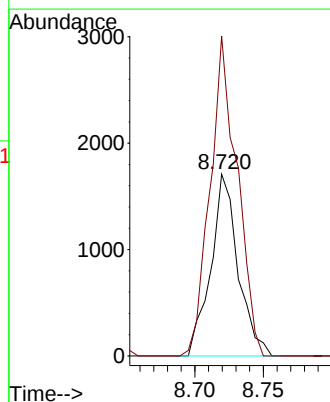
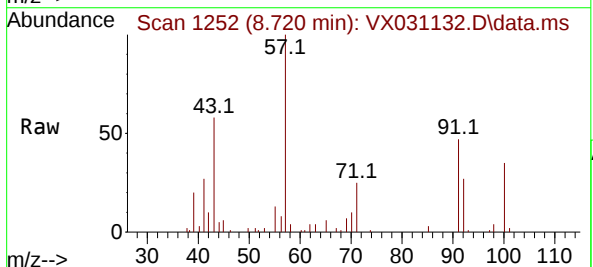
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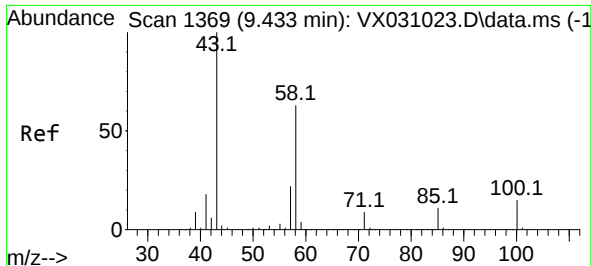
Tgt Ion: 43 Resp: 23949
Ion Ratio Lower Upper
43 100
58 47.5 31.4 47.2#



#52
Toluene
Concen: 0.357 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

Tgt Ion: 92 Resp: 2361
Ion Ratio Lower Upper
92 100
91 175.3 139.2 208.8

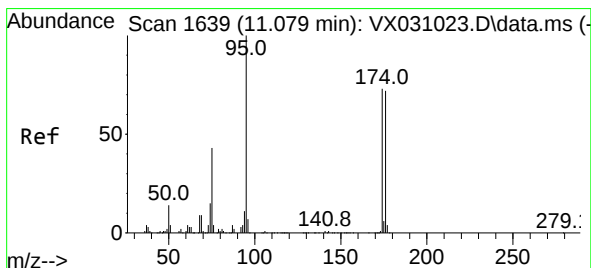
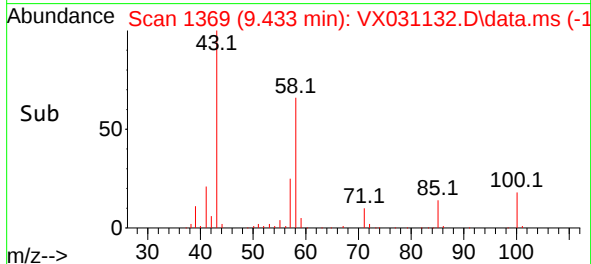
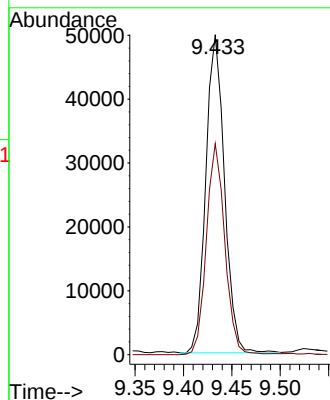
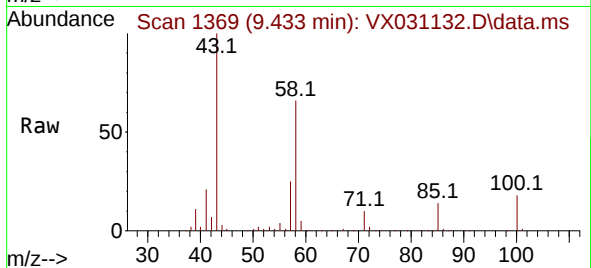




#59
2-Hexanone
Concen: 28.539 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

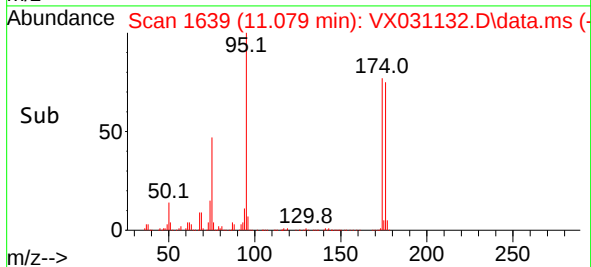
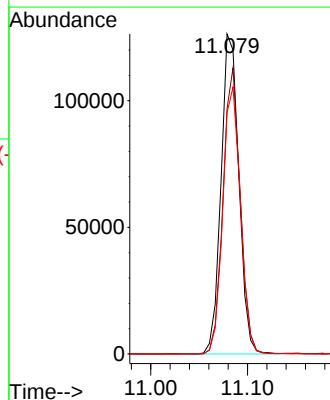
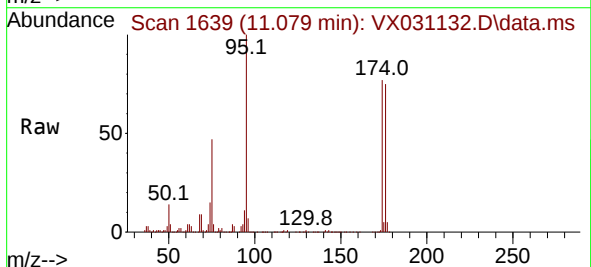
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068

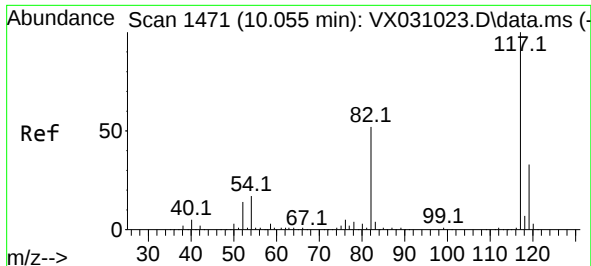
Tgt Ion: 43 Resp: 66884
Ion Ratio Lower Upper
43 100
58 65.4 27.6 82.8



#62
4-Bromofluorobenzene
Concen: 48.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

Tgt Ion: 95 Resp: 161336
Ion Ratio Lower Upper
95 100
174 86.2 0.0 149.0
176 83.2 0.0 146.0

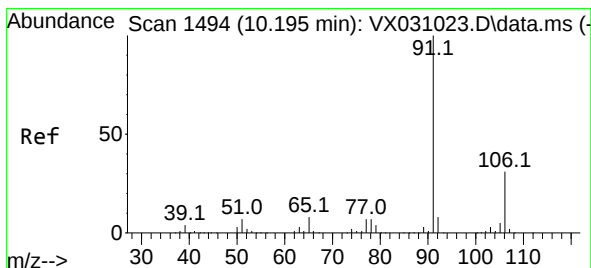
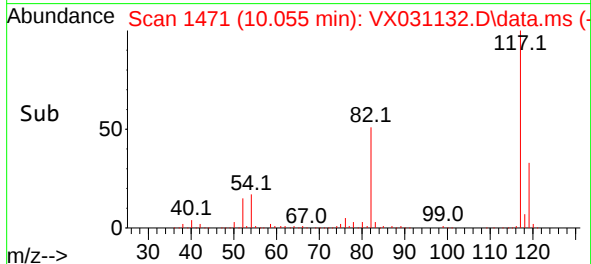
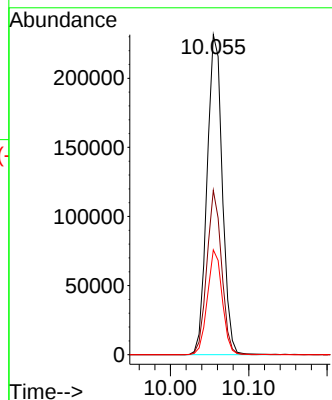
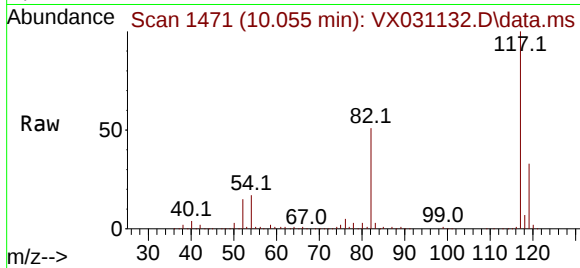




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

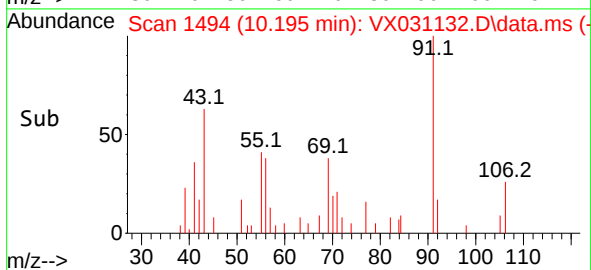
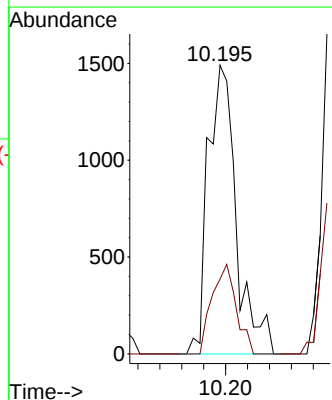
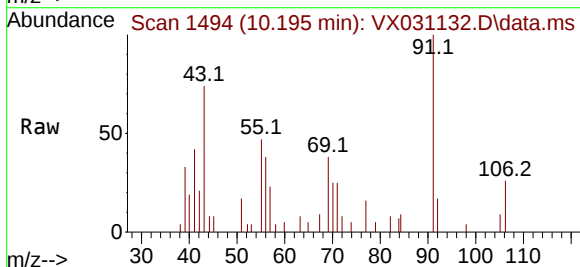
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068

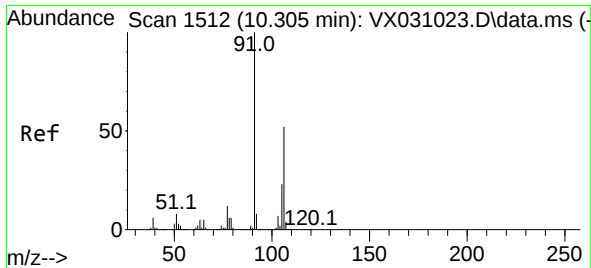
Tgt Ion:117 Resp: 311664
Ion Ratio Lower Upper
117 100
82 51.4 42.7 64.1
119 32.8 25.4 38.2



#67
Ethyl Benzene
Concen: 0.209 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

Tgt Ion: 91 Resp: 2670
Ion Ratio Lower Upper
91 100
106 25.9 25.5 38.3

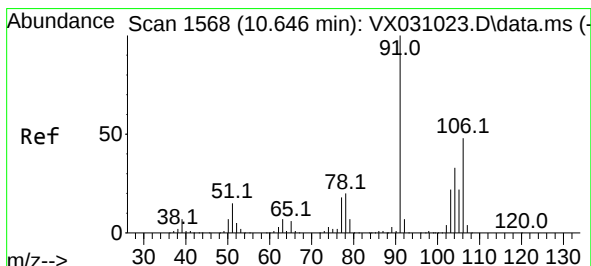
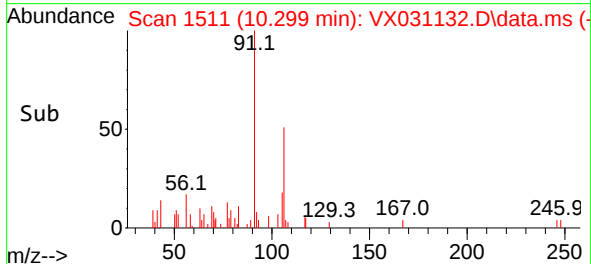
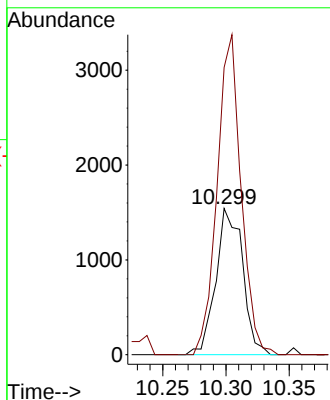
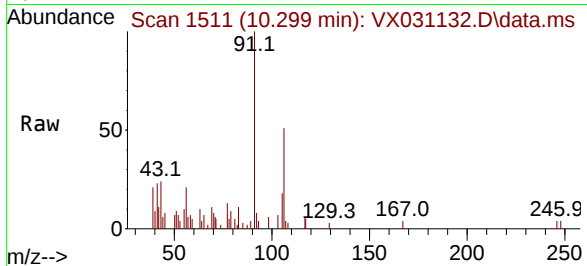




#68
m/p-Xylenes
Concen: 0.454 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

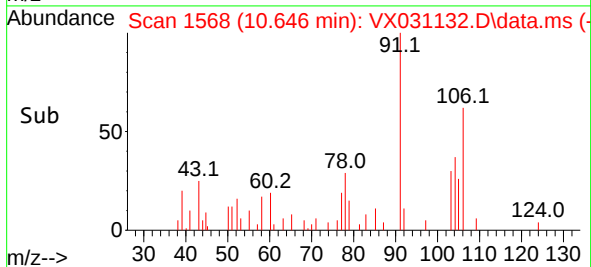
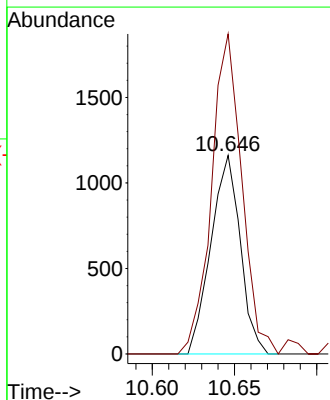
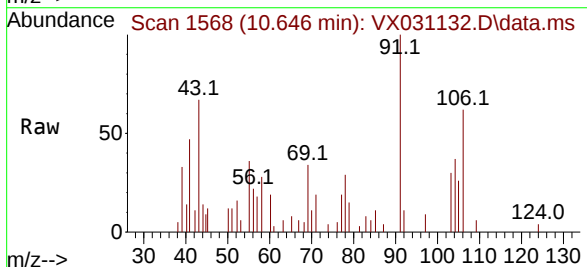
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068

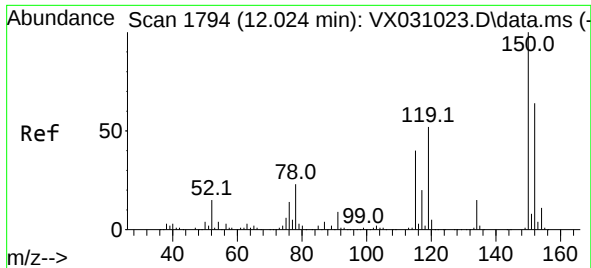
Tgt Ion:106 Resp: 2271
Ion Ratio Lower Upper
106 100
91 195.8 158.2 237.4



#69
o-Xylene
Concen: 0.294 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031132.D
Acq: 06 Sep 2022 16:49

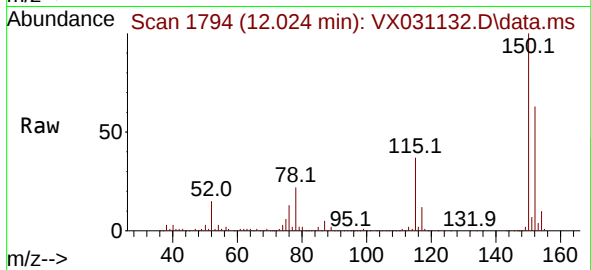
Tgt Ion:106 Resp: 1441
Ion Ratio Lower Upper
106 100
91 166.4 103.8 311.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031132.D
 Acq: 06 Sep 2022 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0068



Tgt Ion:152 Resp: 147696
 Ion Ratio Lower Upper
 152 100
 115 58.3 40.5 121.5
 150 158.2 0.0 347.0

