

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035572.D
 Acq On : 08 May 2023 19:54
 Operator : JC/MD
 Sample : 02648-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1635

Quant Time: May 09 03:51:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

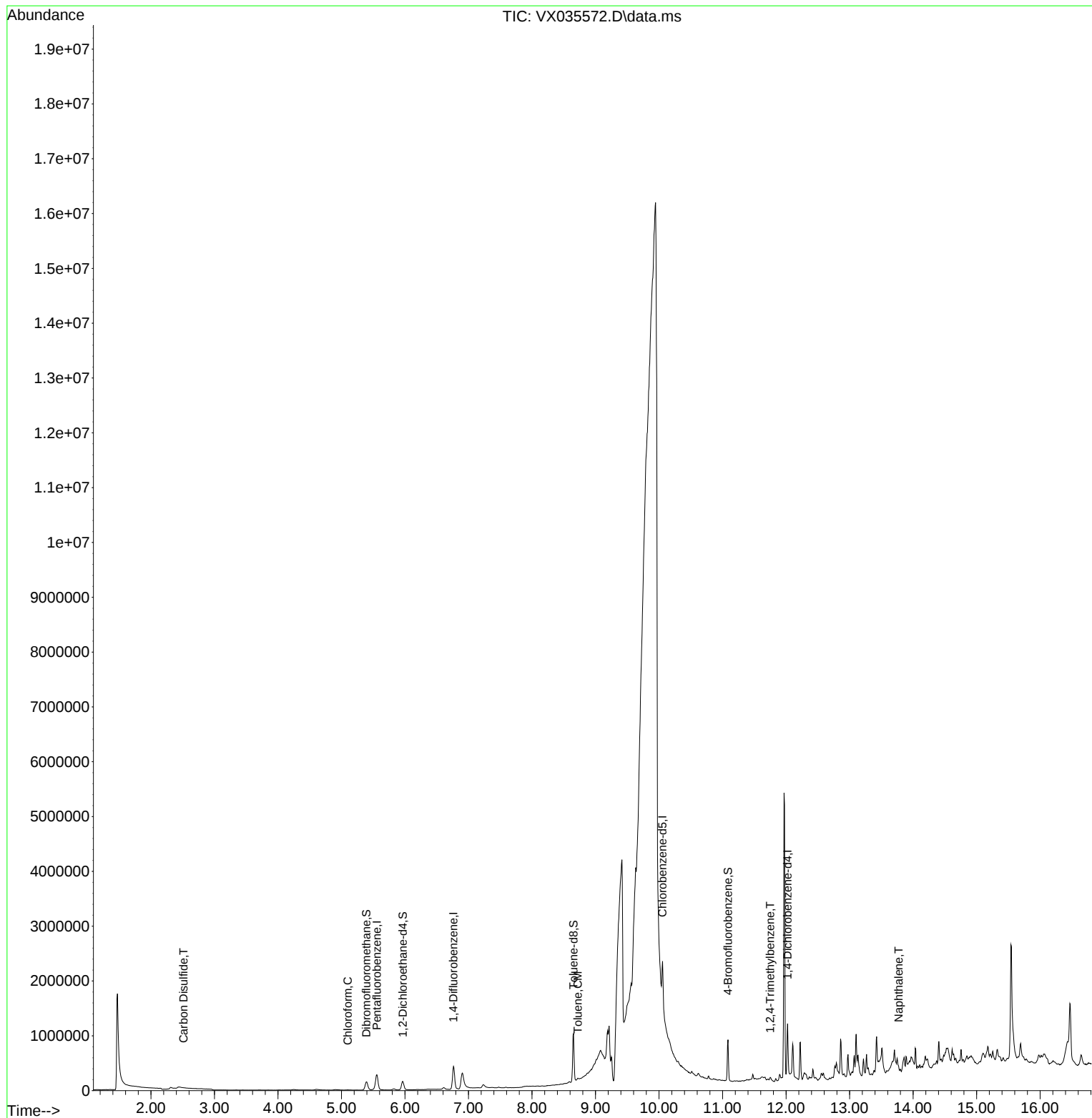
Internal Standards						
1) Pentafluorobenzene	5.556	168	269086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	438355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	159767	49.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.420%
35) Dibromofluoromethane	5.391	113	138799	51.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.180%
50) Toluene-d8	8.653	98	517332	50.972	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.940%
62) 4-Bromofluorobenzene	11.085	95	198726	52.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.100%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.513	76	3259	0.520	ug/l	96
30) Chloroform	5.098	83	4610	0.891	ug/l	98
52) Toluene	8.720	92	11713	1.533	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	21378	1.772	ug/l	97
95) Naphthalene	13.774	128	27958	2.147	ug/l #	91

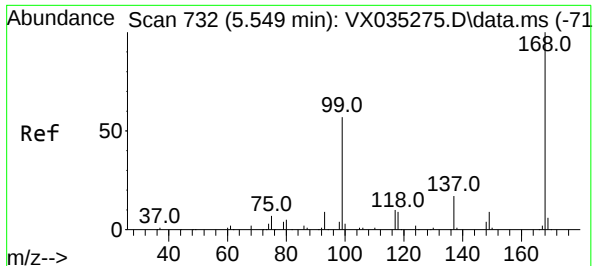
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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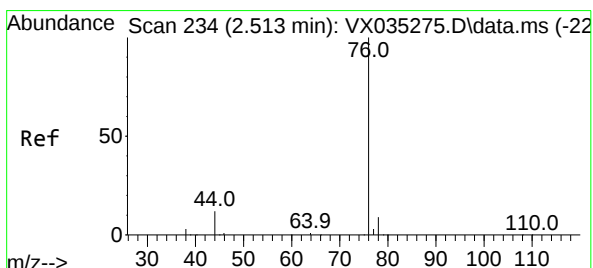
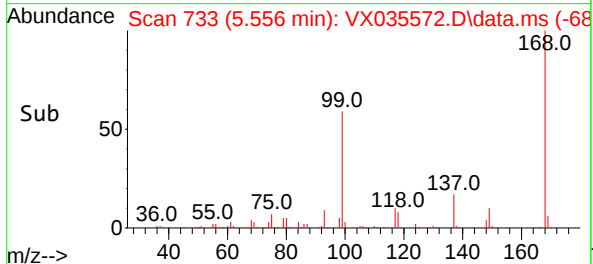
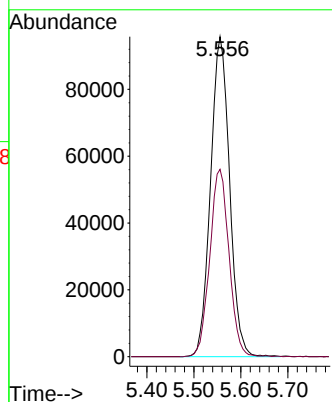
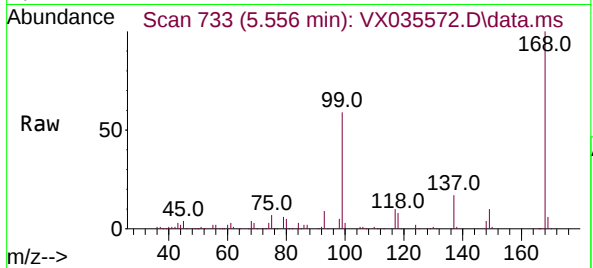




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

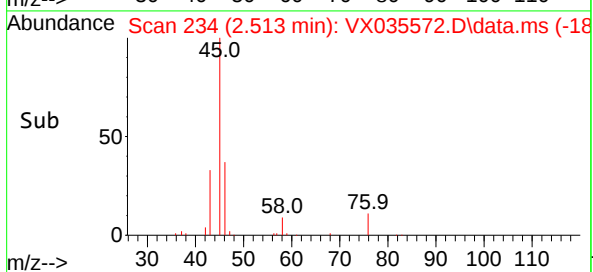
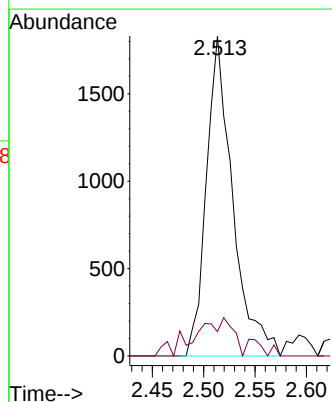
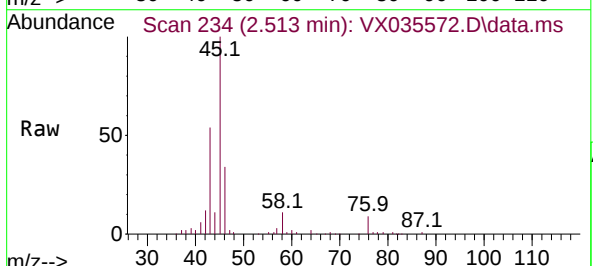
Instrument :
MSVOA_X
ClientSampleId :
ORA-1635

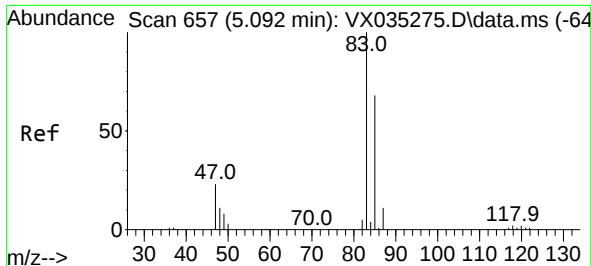
Tgt Ion:168 Resp: 269086
Ion Ratio Lower Upper
168 100
99 58.6 45.7 68.5



#17
Carbon Disulfide
Concen: 0.520 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

Tgt Ion: 76 Resp: 3259
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8





#30

Chloroform

Concen: 0.891 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX035572.D

Acq: 08 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

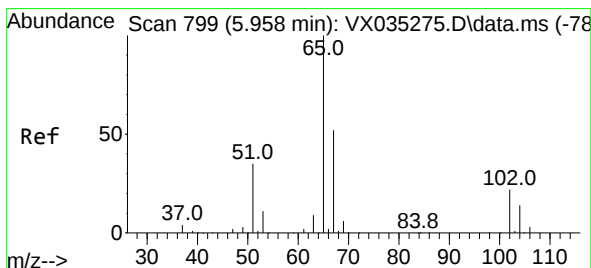
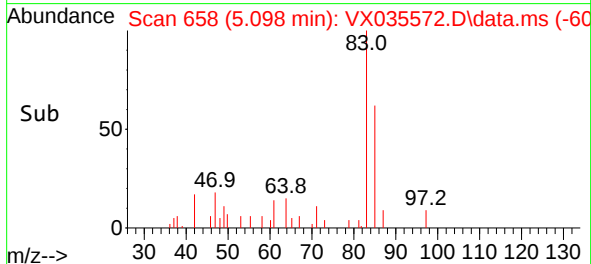
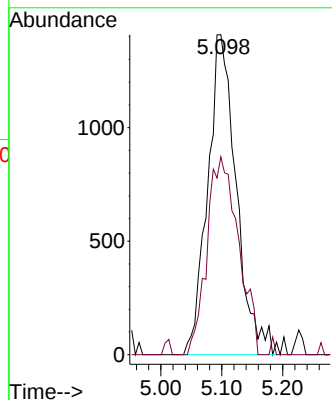
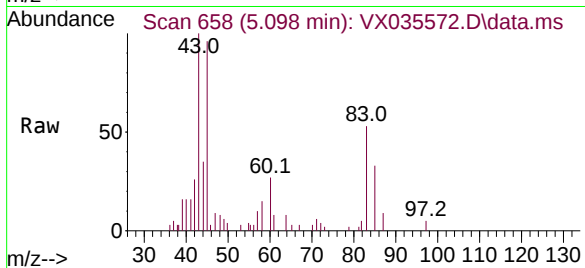
ORA-1635

Tgt Ion: 83 Resp: 4610

Ion Ratio Lower Upper

83 100

85 61.8 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 49.214 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX035572.D

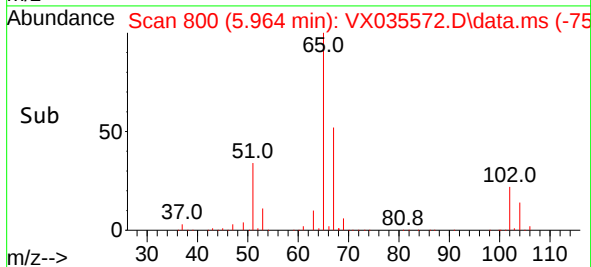
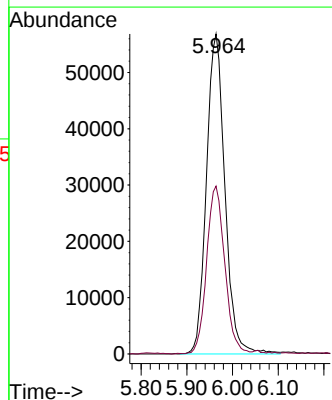
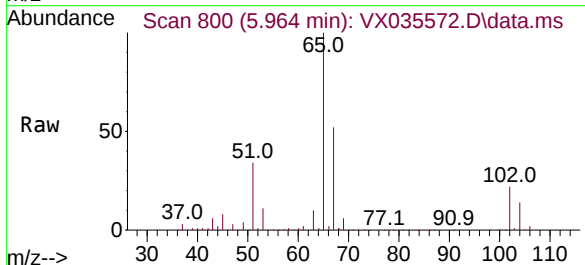
Acq: 08 May 2023 19:54

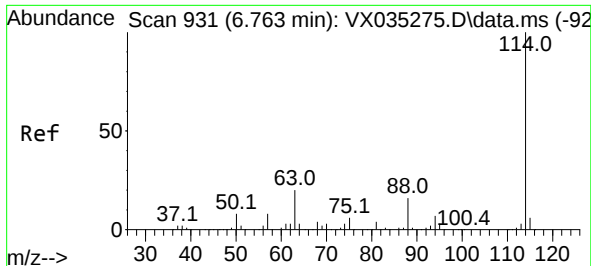
Tgt Ion: 65 Resp: 159767

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0

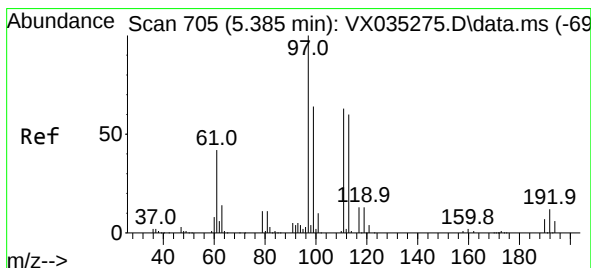
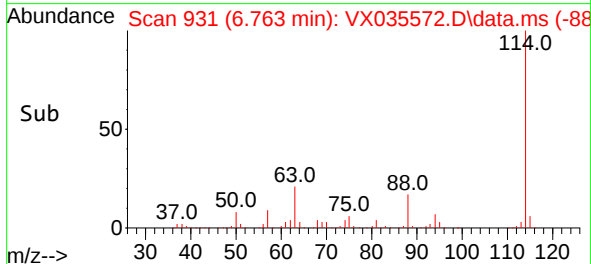
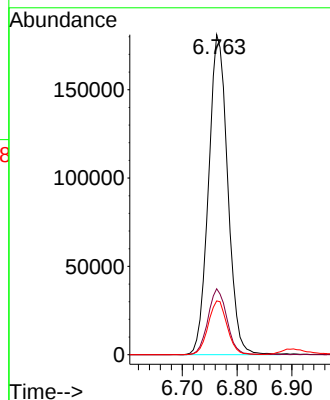
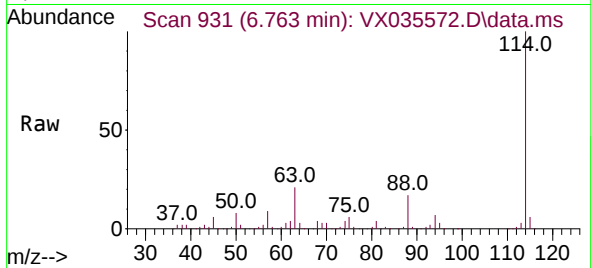




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

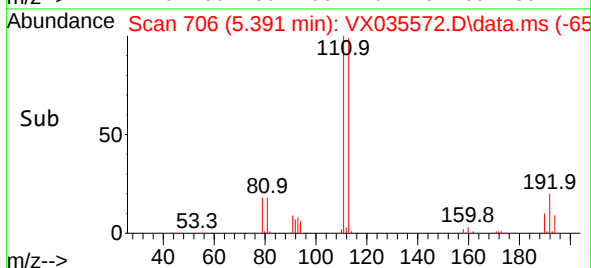
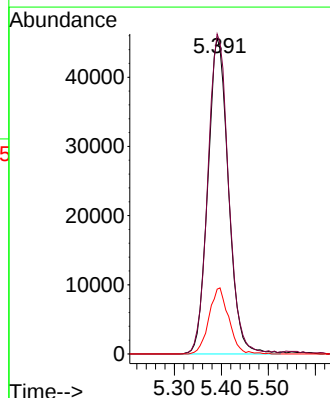
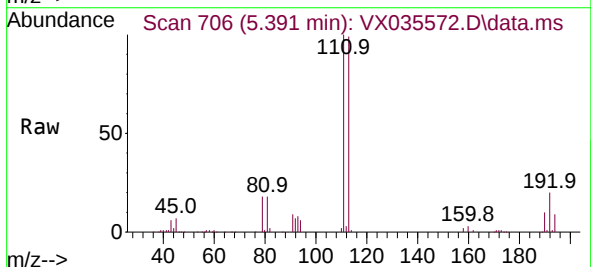
Instrument :
MSVOA_X
ClientSampleId :
ORA-1635

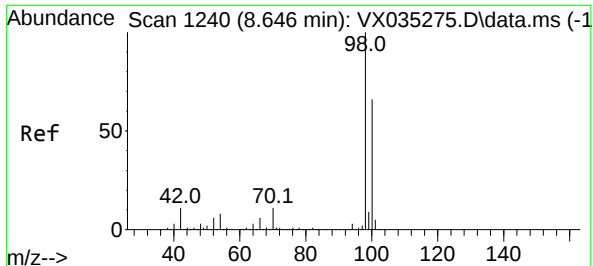
Tgt Ion:114 Resp: 438355
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.589 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

Tgt Ion:113 Resp: 138799
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 20.2 15.4 23.2

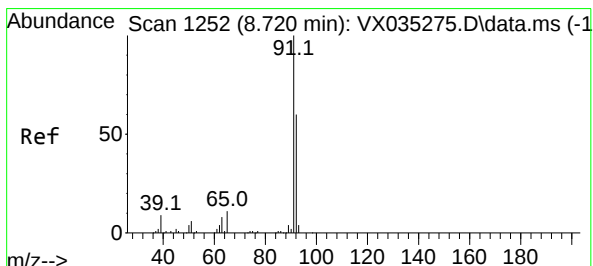
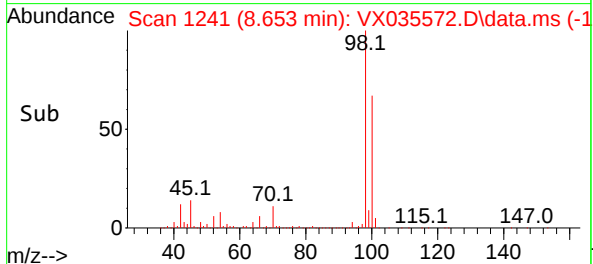
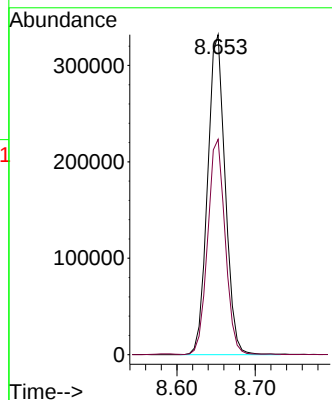
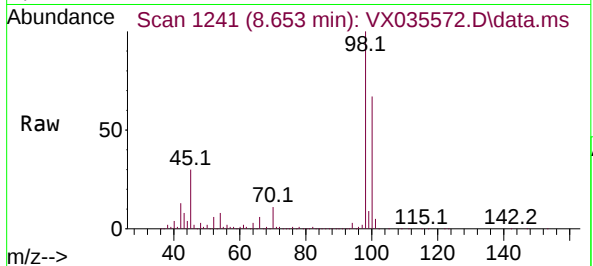




#50
Toluene-d8
Concen: 50.972 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

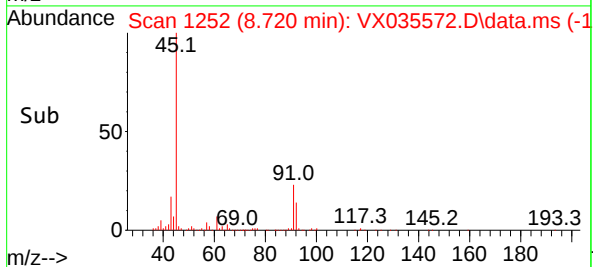
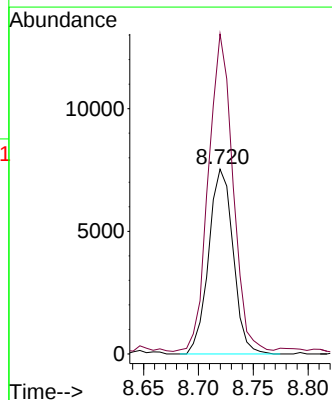
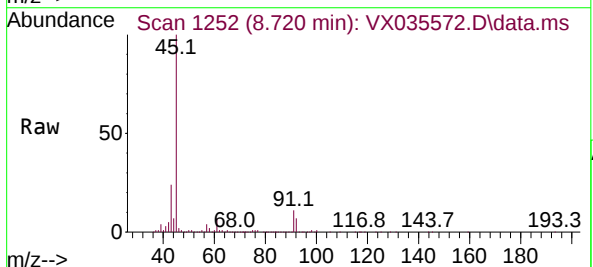
Instrument :
MSVOA_X
ClientSampleId :
ORA-1635

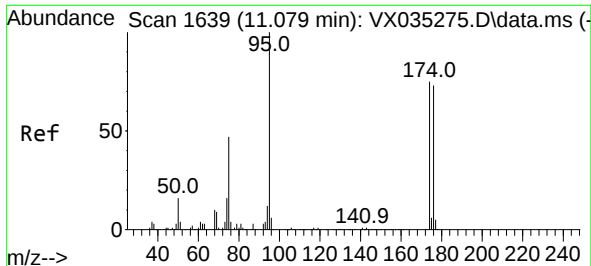
Tgt Ion: 98 Resp: 517332
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#52
Toluene
Concen: 1.533 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

Tgt Ion: 92 Resp: 11713
Ion Ratio Lower Upper
92 100
91 171.2 136.8 205.2

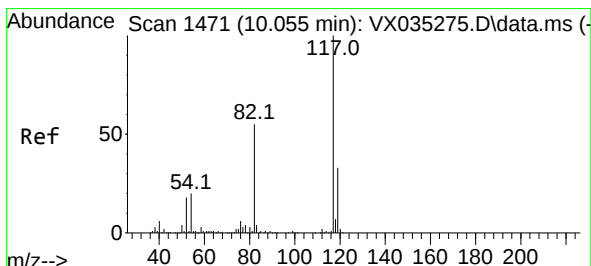
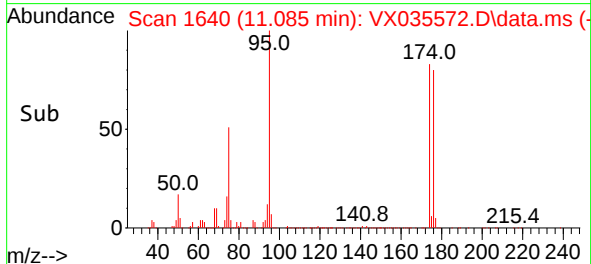
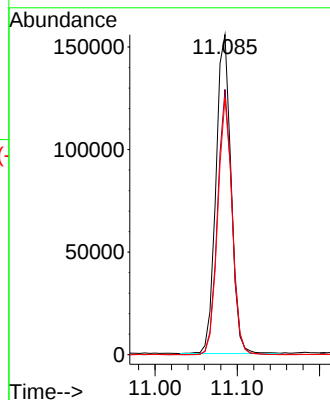
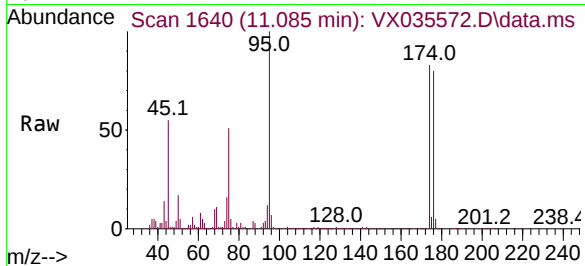




#62
4-Bromofluorobenzene
Concen: 52.049 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

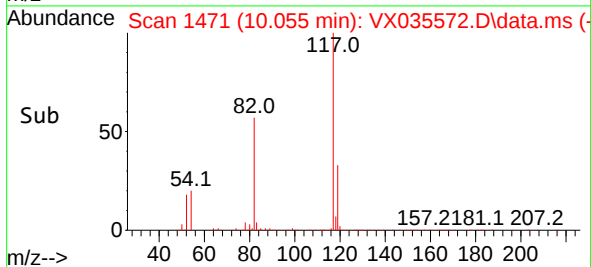
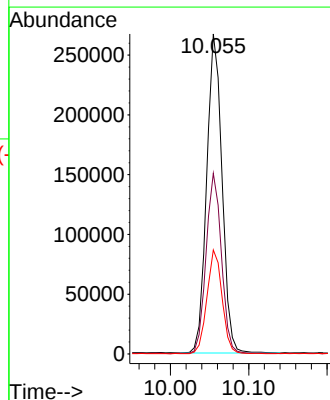
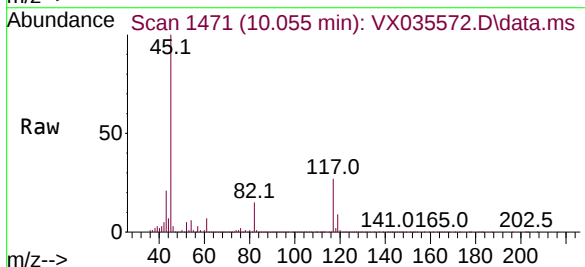
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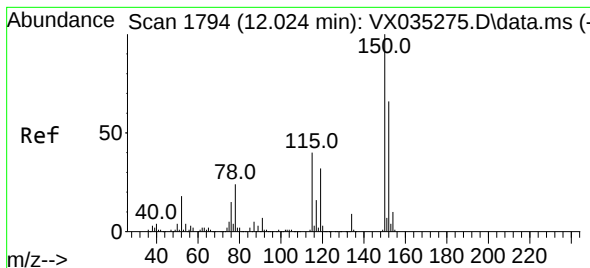
Tgt Ion: 95 Resp: 198726
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 76.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

Tgt Ion: 117 Resp: 362653
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.5 26.0 39.0

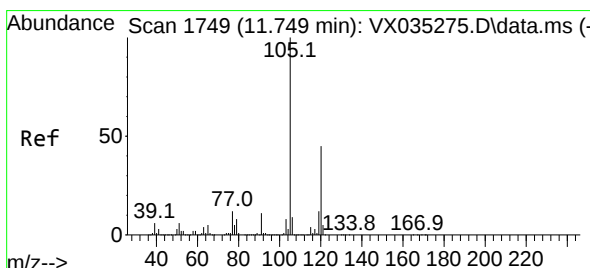
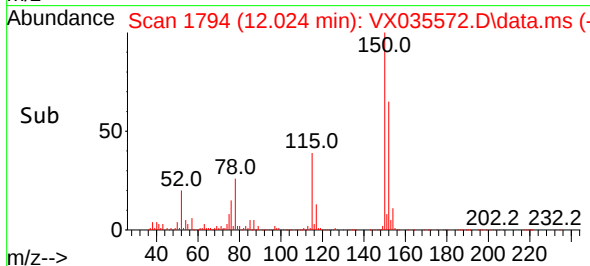
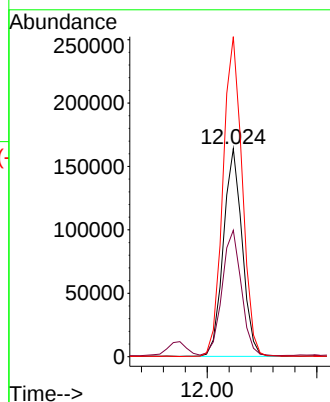
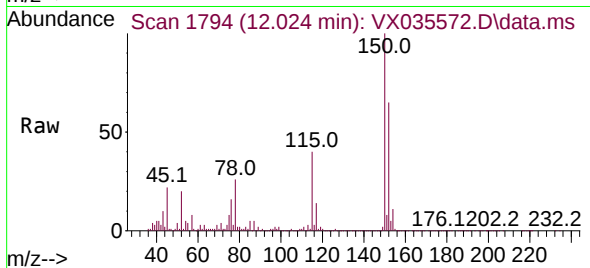




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX035572.D
 Acq: 08 May 2023 19:54

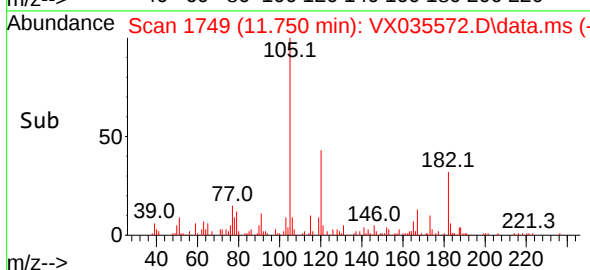
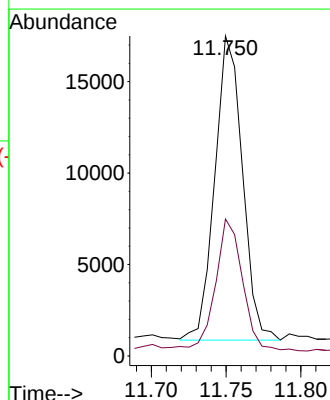
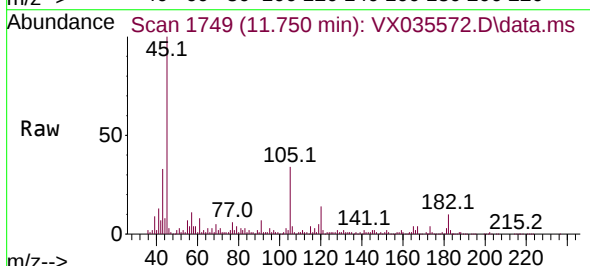
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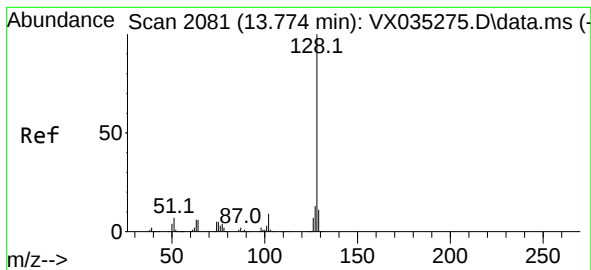
Tgt Ion:152 Resp: 194821
 Ion Ratio Lower Upper
 152 100
 115 61.8 45.0 135.0
 150 158.1 0.0 352.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.772 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: VX035572.D
 Acq: 08 May 2023 19:54

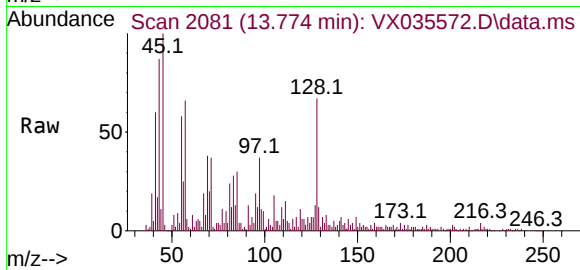
Tgt Ion:105 Resp: 21378
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.4 67.0





#95
Naphthalene
Concen: 2.147 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035572.D
Acq: 08 May 2023 19:54

Instrument :
MSVOA_X
ClientSampleId :
ORA-1635



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	17.0	8.6	13.0

