

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035574.D
 Acq On : 08 May 2023 20:42
 Operator : JC/MD
 Sample : 02648-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1637

Quant Time: May 09 03:52:42 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)

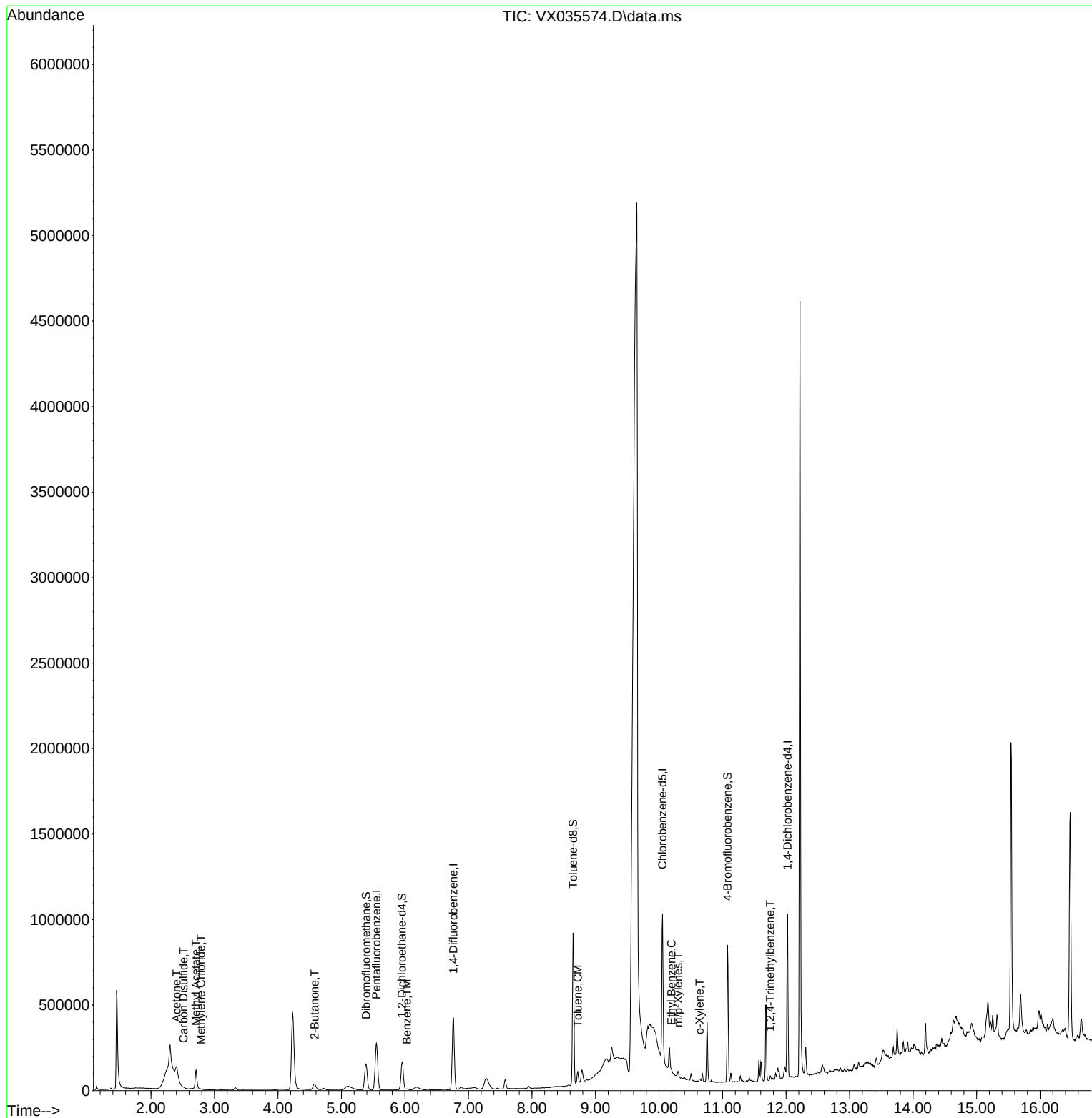
Internal Standards						
1) Pentafluorobenzene	5.550	168	267610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160875	49.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.385	113	138013	51.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.220%
50) Toluene-d8	8.647	98	530000	52.025	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.040%
62) 4-Bromofluorobenzene	11.079	95	209759	54.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.460%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	149854	106.869	ug/l	91
17) Carbon Disulfide	2.514	76	3122	0.501	ug/l #	86
18) Methyl Acetate	2.709	43	142092	26.205	ug/l	99
20) Methylene Chloride	2.788	84	1273	0.396	ug/l	84
25) 2-Butanone	4.574	43	69500	33.958	ug/l	98
40) Benzene	6.031	78	5683	0.470	ug/l	93
52) Toluene	8.720	92	25541	3.331	ug/l	98
67) Ethyl Benzene	10.195	91	4586	0.311	ug/l	93
68) m/p-Xylenes	10.299	106	7596	1.344	ug/l	96
69) o-Xylene	10.640	106	3310	0.597	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	9403	0.738	ug/l	87

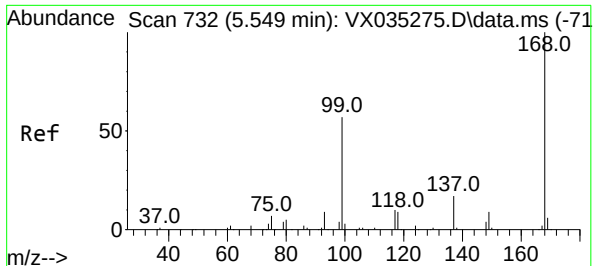
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
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Quant Time: May 09 03:52:42 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

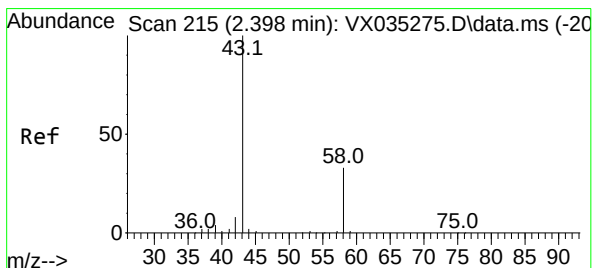
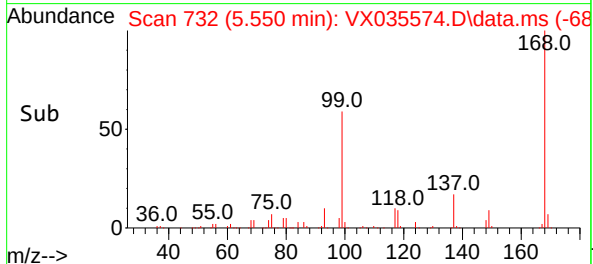
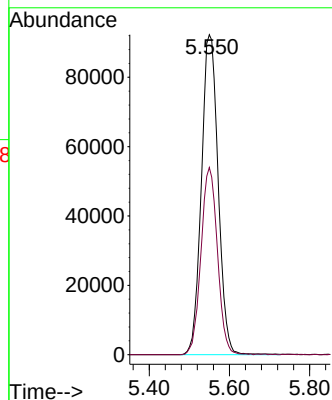
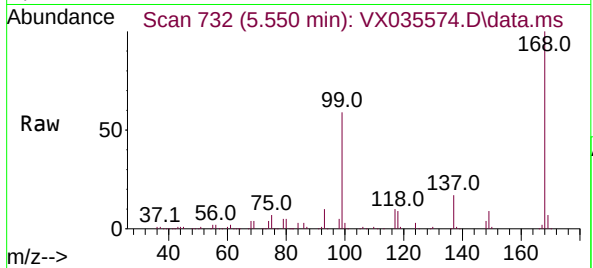




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

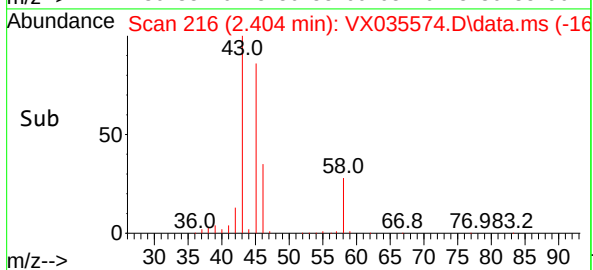
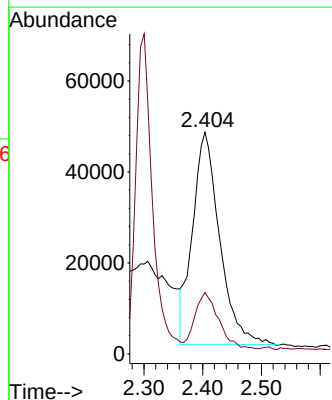
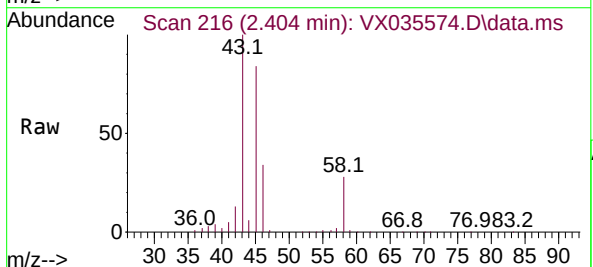
Instrument :
MSVOA_X
ClientSampleId :
ORA-1637

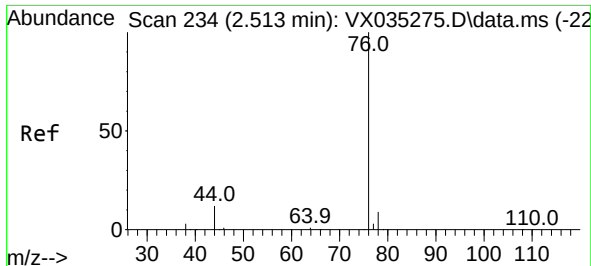
Tgt Ion:168 Resp: 267610
Ion Ratio Lower Upper
168 100
99 58.5 45.7 68.5



#16
Acetone
Concen: 106.869 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

Tgt Ion: 43 Resp: 149854
Ion Ratio Lower Upper
43 100
58 26.0 24.7 37.1

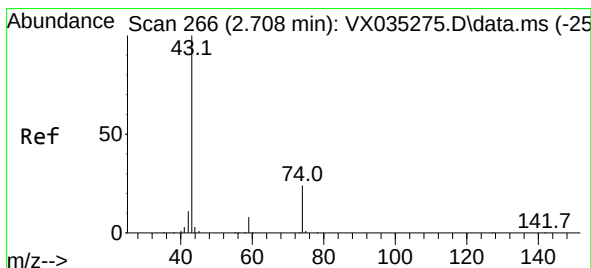
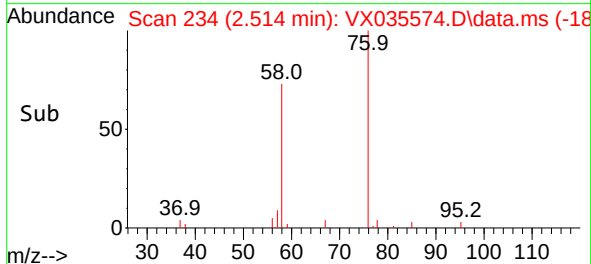
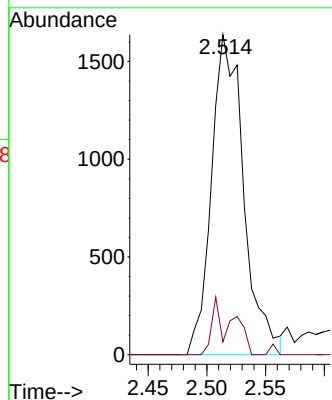
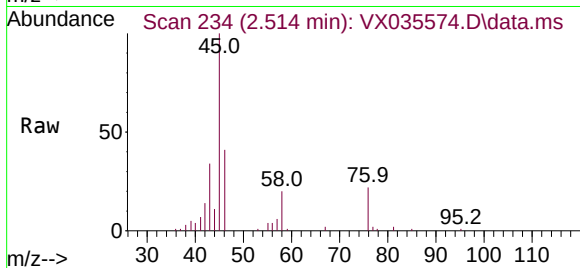




#17
Carbon Disulfide
Concen: 0.501 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

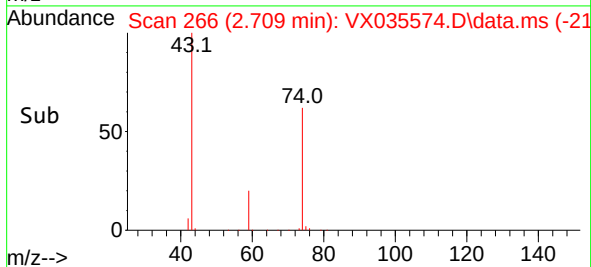
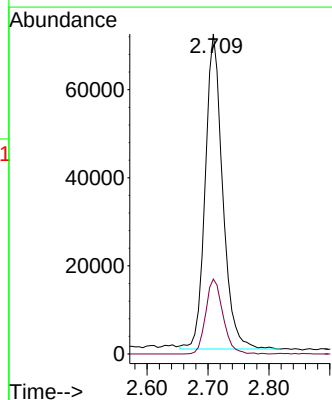
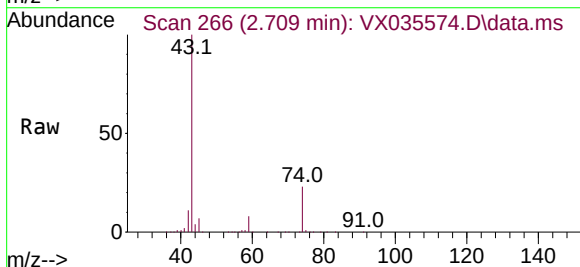
Instrument :
MSVOA_X
ClientSampleId :
ORA-1637

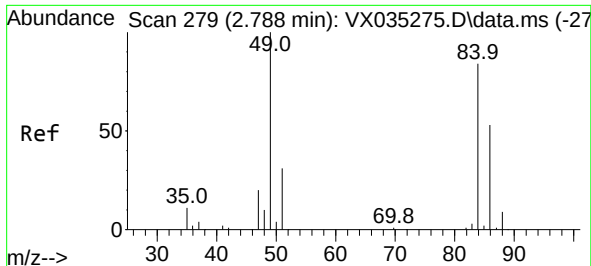
Tgt Ion: 76 Resp: 3122
Ion Ratio Lower Upper
76 100
78 4.0 7.2 10.8#



#18
Methyl Acetate
Concen: 26.205 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

Tgt Ion: 43 Resp: 142092
Ion Ratio Lower Upper
43 100
74 23.6 18.3 27.5



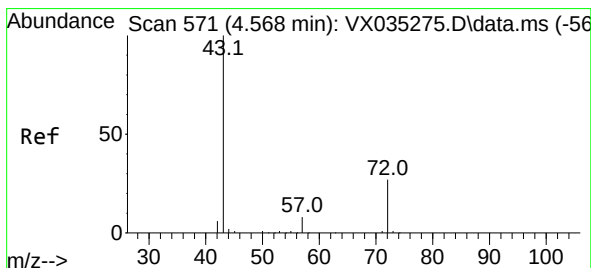
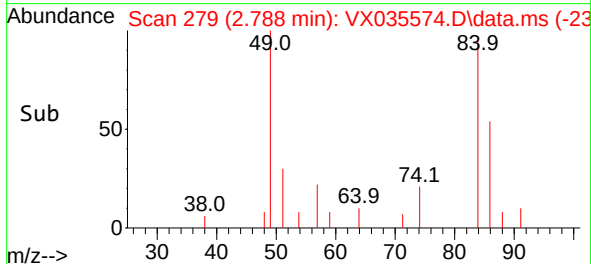
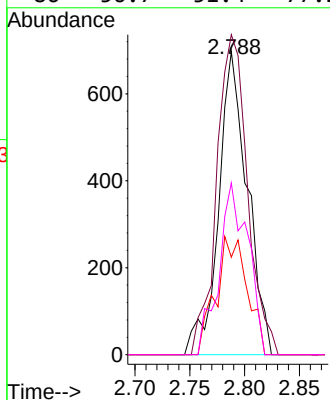
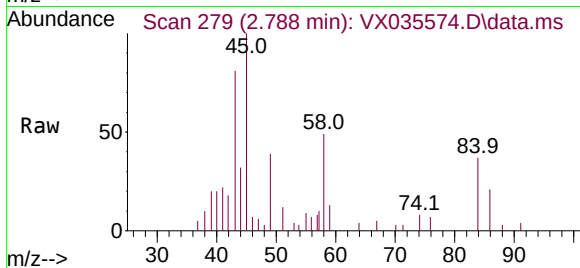


#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

Instrument :
MSVOA_X
ClientSampleId :
ORA-1637

Tgt Ion: 84 Resp: 1273

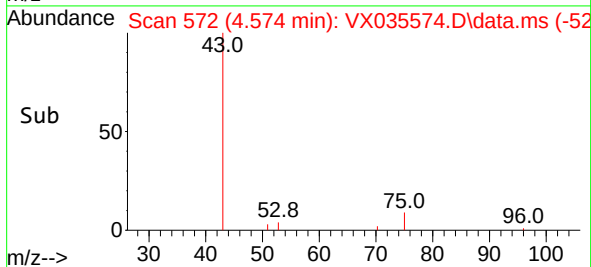
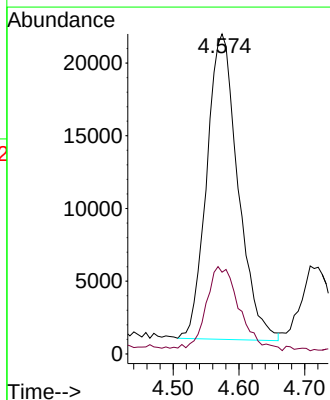
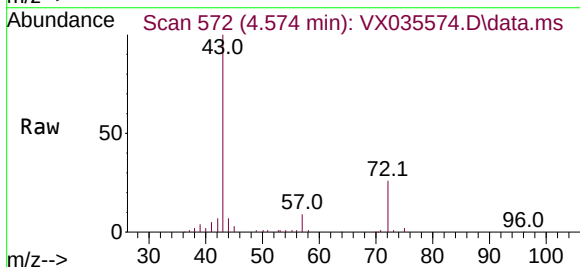
Ion	Ratio	Lower	Upper
84	100		
49	105.6	103.8	155.8
51	32.1	31.8	47.8
86	56.7	51.4	77.2

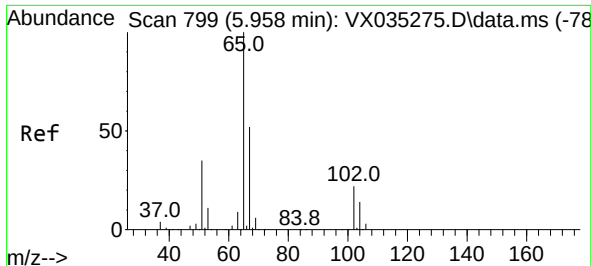


#25
2-Butanone
Concen: 33.958 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

Tgt Ion: 43 Resp: 69500

Ion	Ratio	Lower	Upper
43	100		
72	24.9	19.3	28.9





#33

1,2-Dichloroethane-d4

Concen: 49.829 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035574.D

Acq: 08 May 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

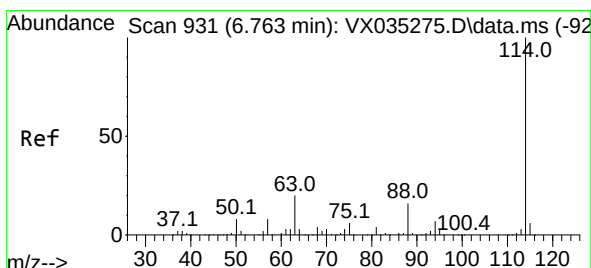
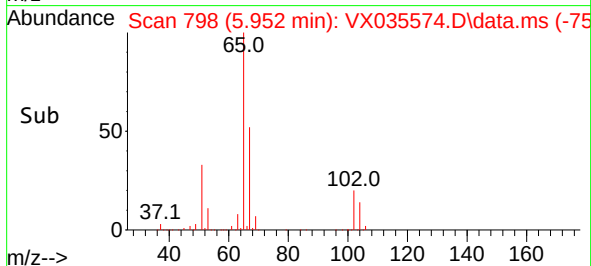
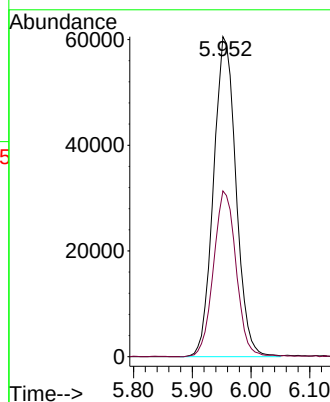
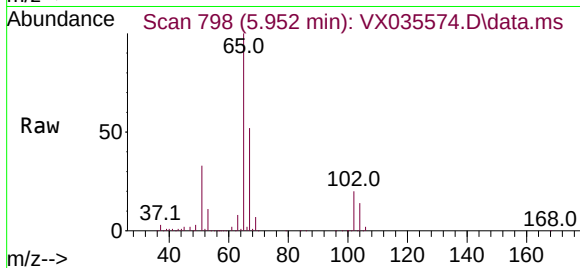
ORA-1637

Tgt Ion: 65 Resp: 160875

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035574.D

Acq: 08 May 2023 20:42

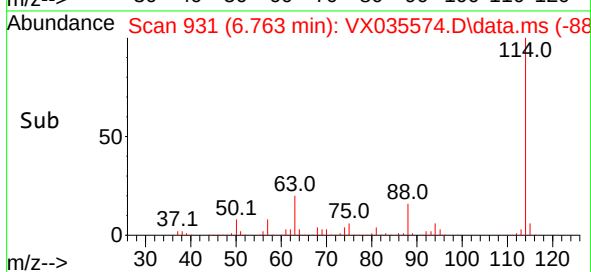
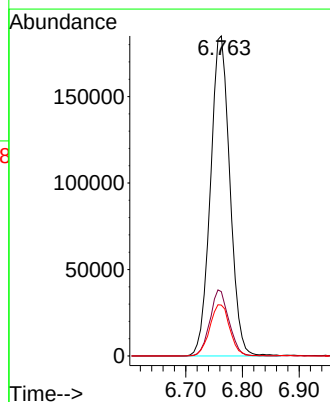
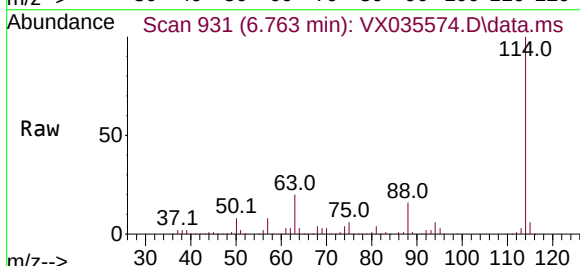
Tgt Ion: 114 Resp: 439996

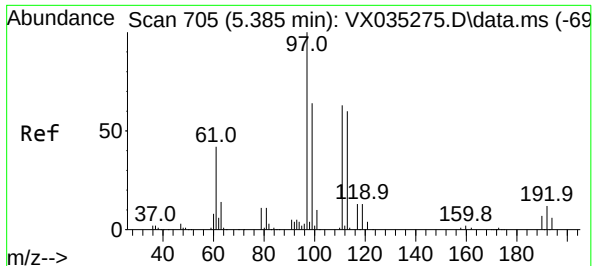
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.2

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.105 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035574.D

Acq: 08 May 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

ORA-1637

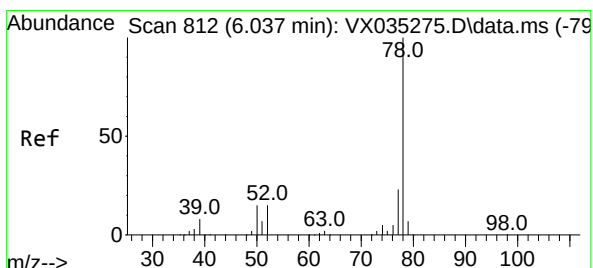
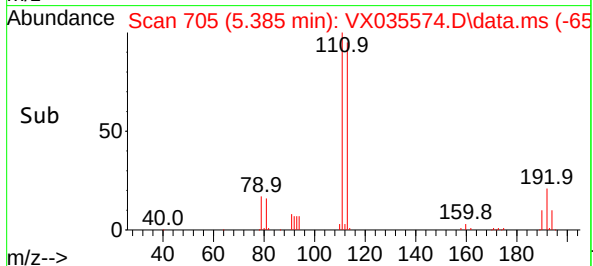
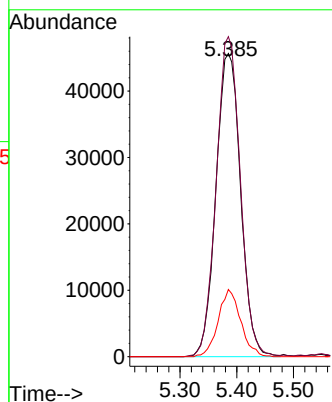
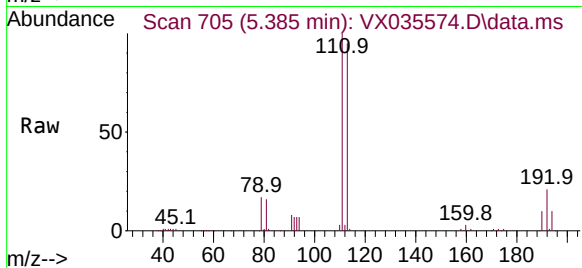
Tgt Ion:113 Resp: 138013

Ion Ratio Lower Upper

113 100

111 103.2 83.7 125.5

192 20.2 15.4 23.2



#40

Benzene

Concen: 0.470 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX035574.D

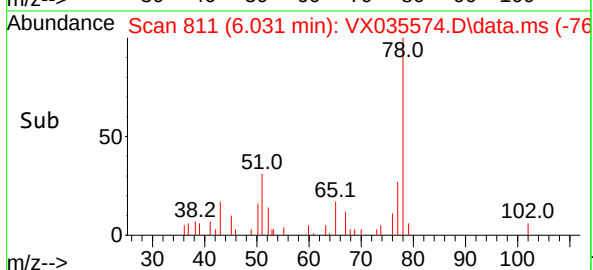
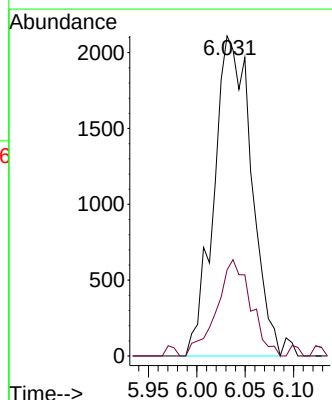
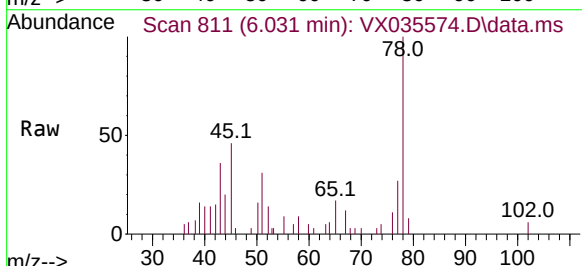
Acq: 08 May 2023 20:42

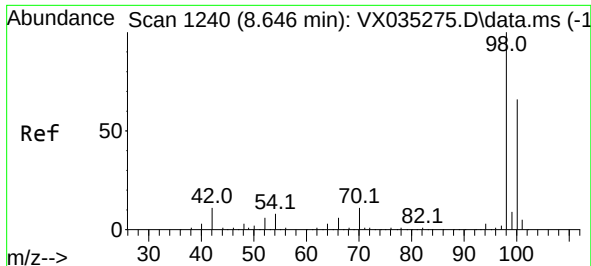
Tgt Ion: 78 Resp: 5683

Ion Ratio Lower Upper

78 100

77 26.9 19.0 28.4

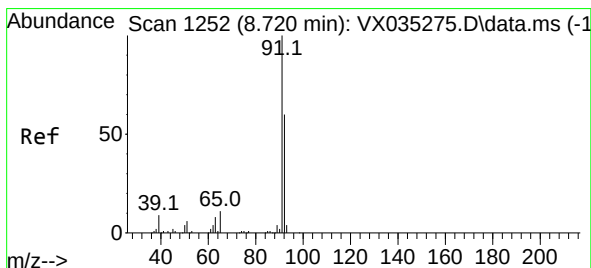
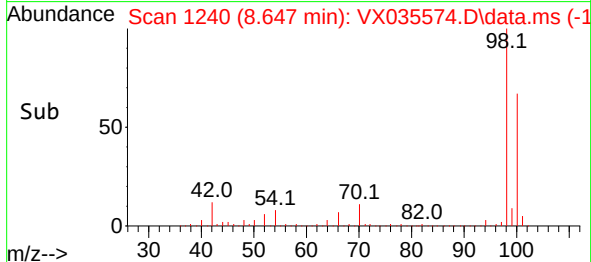
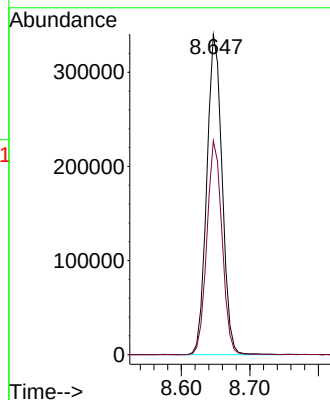
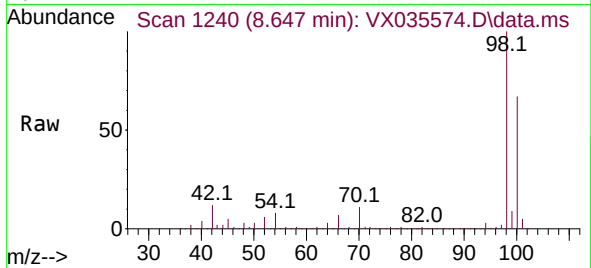




#50
Toluene-d8
Concen: 52.025 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

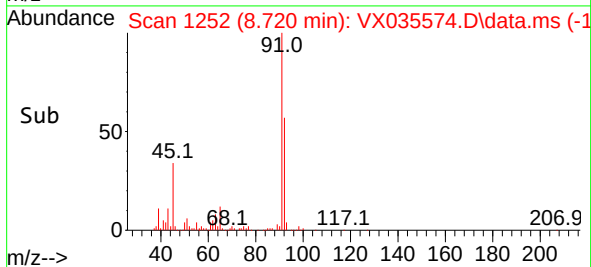
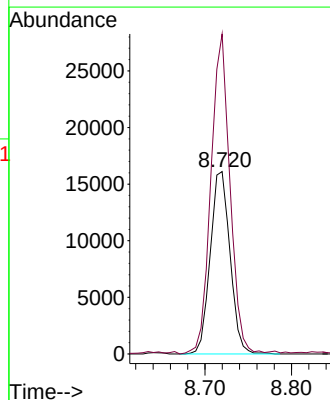
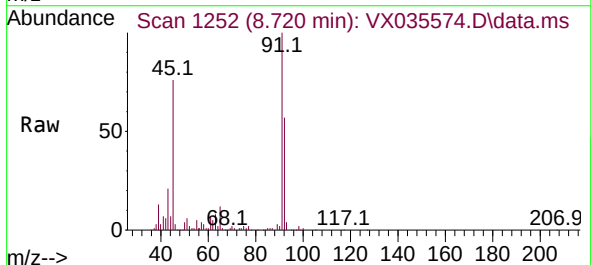
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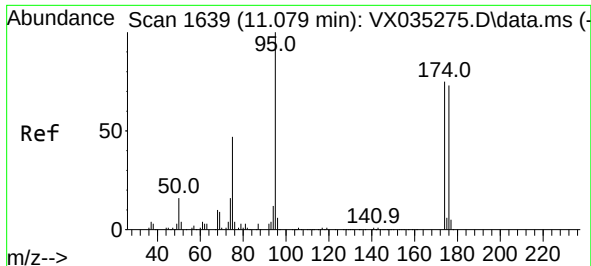
Tgt Ion: 98 Resp: 530000
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#52
Toluene
Concen: 3.331 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

Tgt Ion: 92 Resp: 25541
Ion Ratio Lower Upper
92 100
91 168.9 136.8 205.2

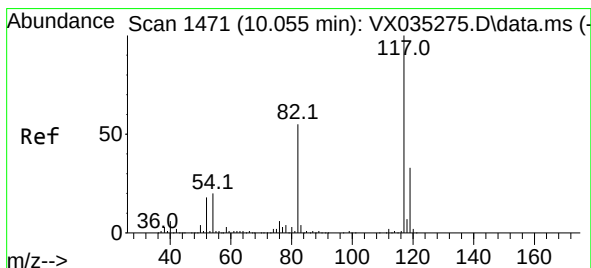
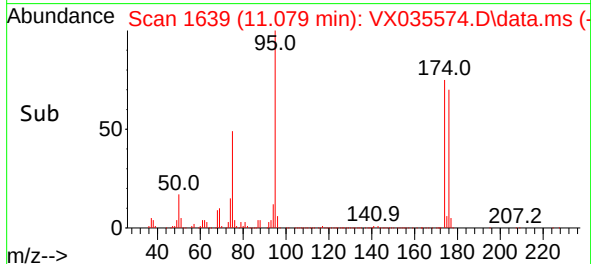
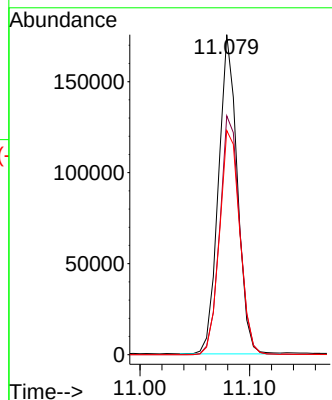
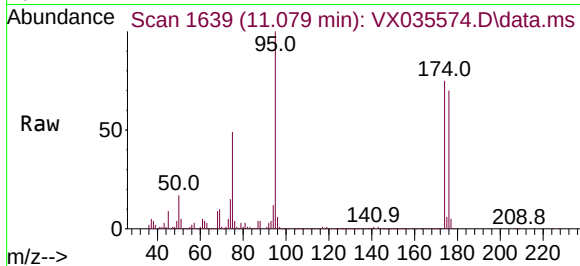




#62
4-Bromofluorobenzene
Concen: 54.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

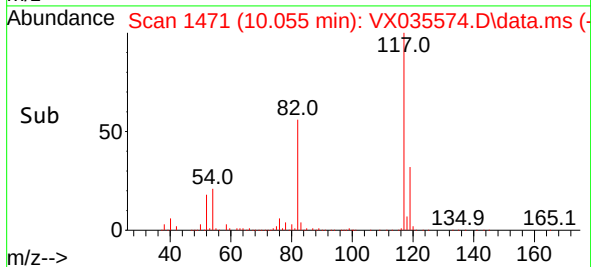
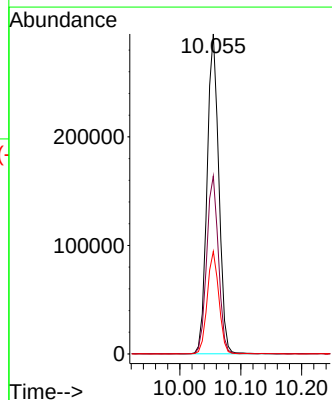
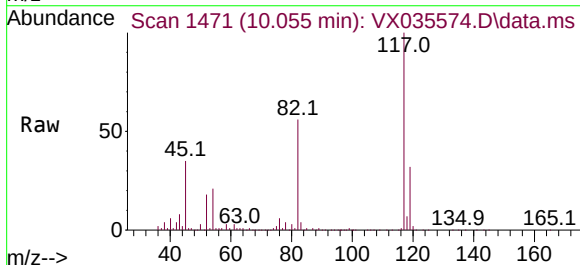
Instrument :
MSVOA_X
ClientSampleId :
ORA-1637

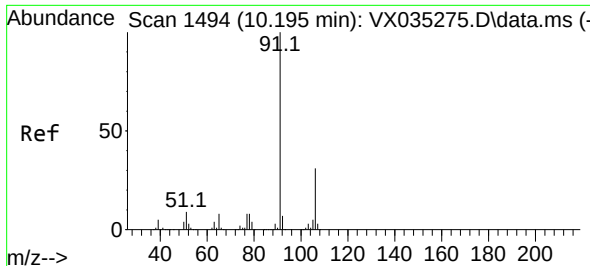
Tgt Ion: 95 Resp: 209759
Ion Ratio Lower Upper
95 100
174 78.7 0.0 147.4
176 75.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035574.D
Acq: 08 May 2023 20:42

Tgt Ion: 117 Resp: 393755
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.1 26.0 39.0





#67

Ethyl Benzene

Concen: 0.311 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035574.D

Acq: 08 May 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

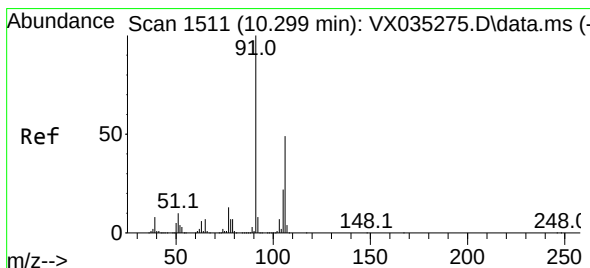
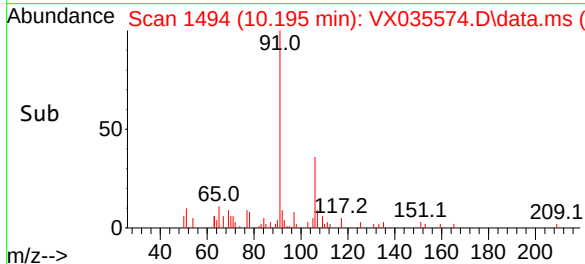
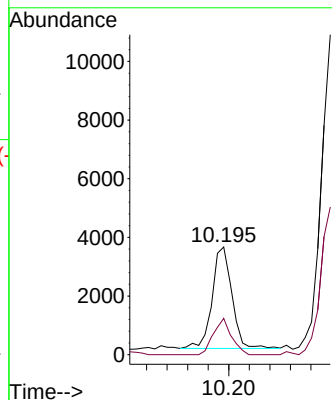
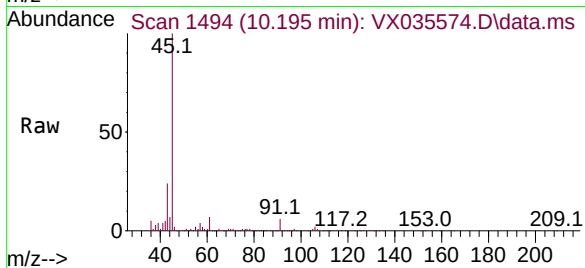
ORA-1637

Tgt Ion: 91 Resp: 4586

Ion Ratio Lower Upper

91 100

106 35.8 25.6 38.4



#68

m/p-Xylenes

Concen: 1.344 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035574.D

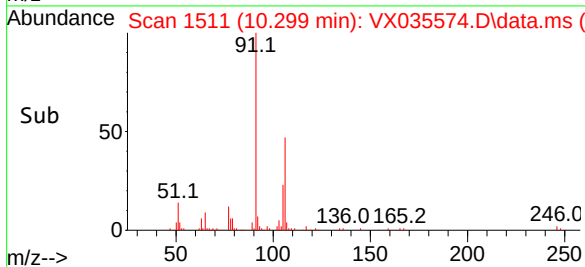
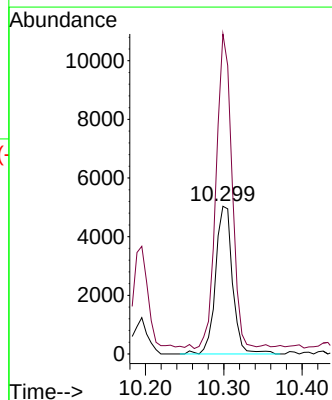
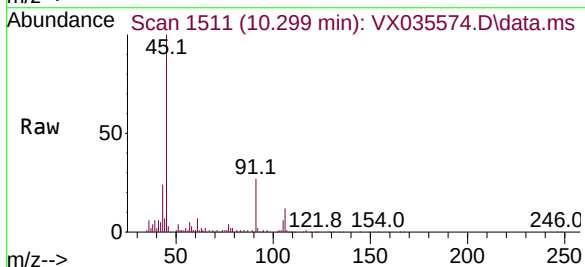
Acq: 08 May 2023 20:42

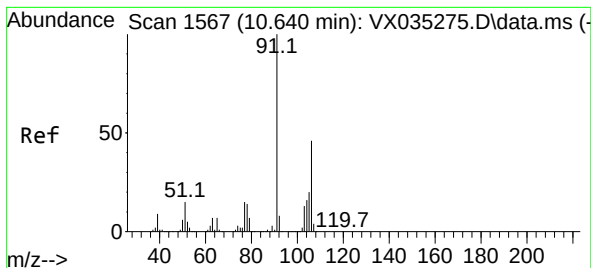
Tgt Ion: 106 Resp: 7596

Ion Ratio Lower Upper

106 100

91 198.5 164.0 246.0





#69

o-Xylene

Concen: 0.597 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035574.D

Acq: 08 May 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

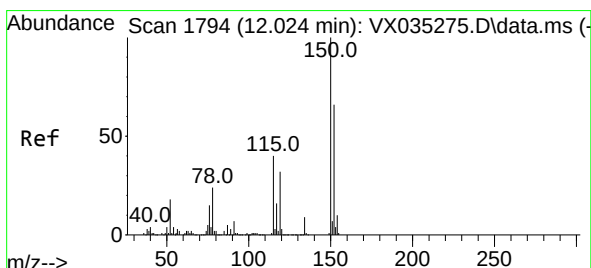
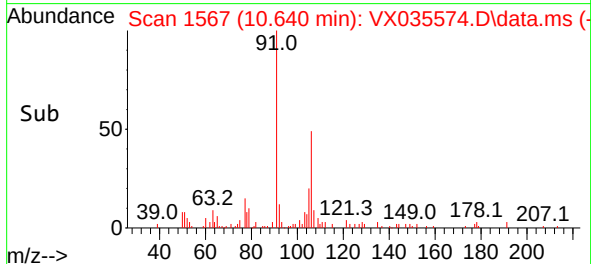
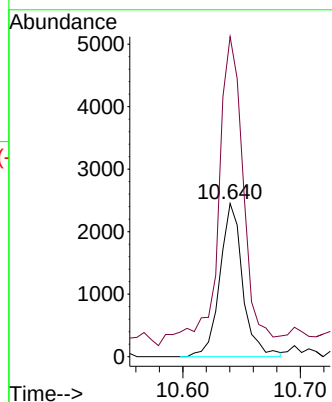
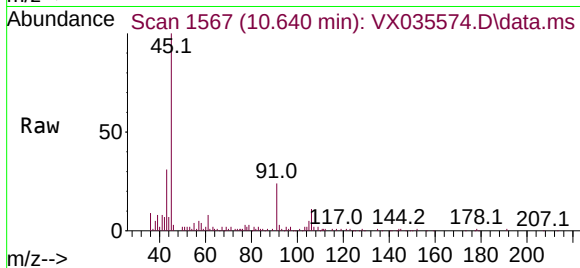
ORA-1637

Tgt Ion:106 Resp: 3310

Ion Ratio Lower Upper

106 100

91 223.8 108.5 325.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035574.D

Acq: 08 May 2023 20:42

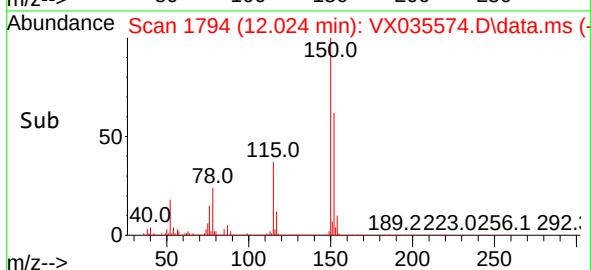
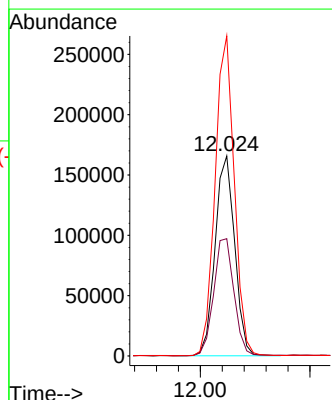
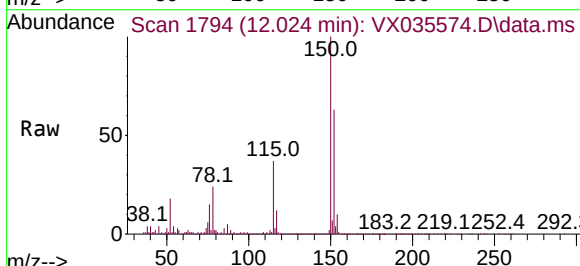
Tgt Ion:152 Resp: 205851

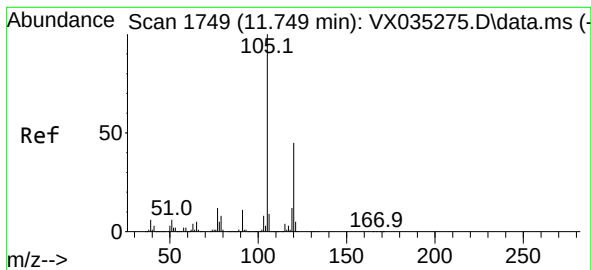
Ion Ratio Lower Upper

152 100

115 60.4 45.0 135.0

150 156.5 0.0 352.4





#84

1,2,4-Trimethylbenzene

Concen: 0.738 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035574.D

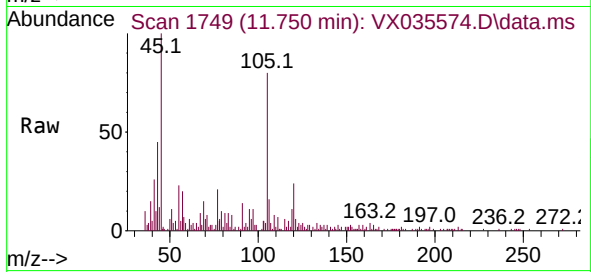
Acq: 08 May 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

ORA-1637



Tgt Ion:105 Resp: 9403

Ion Ratio Lower Upper

105 100

120 36.5 22.4 67.0

