

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057009.D
 Acq On : 18 Dec 2023 22:27
 Operator : MD/SY
 Sample : 05771-01 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOY98DL

Quant Time: Dec 19 05:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

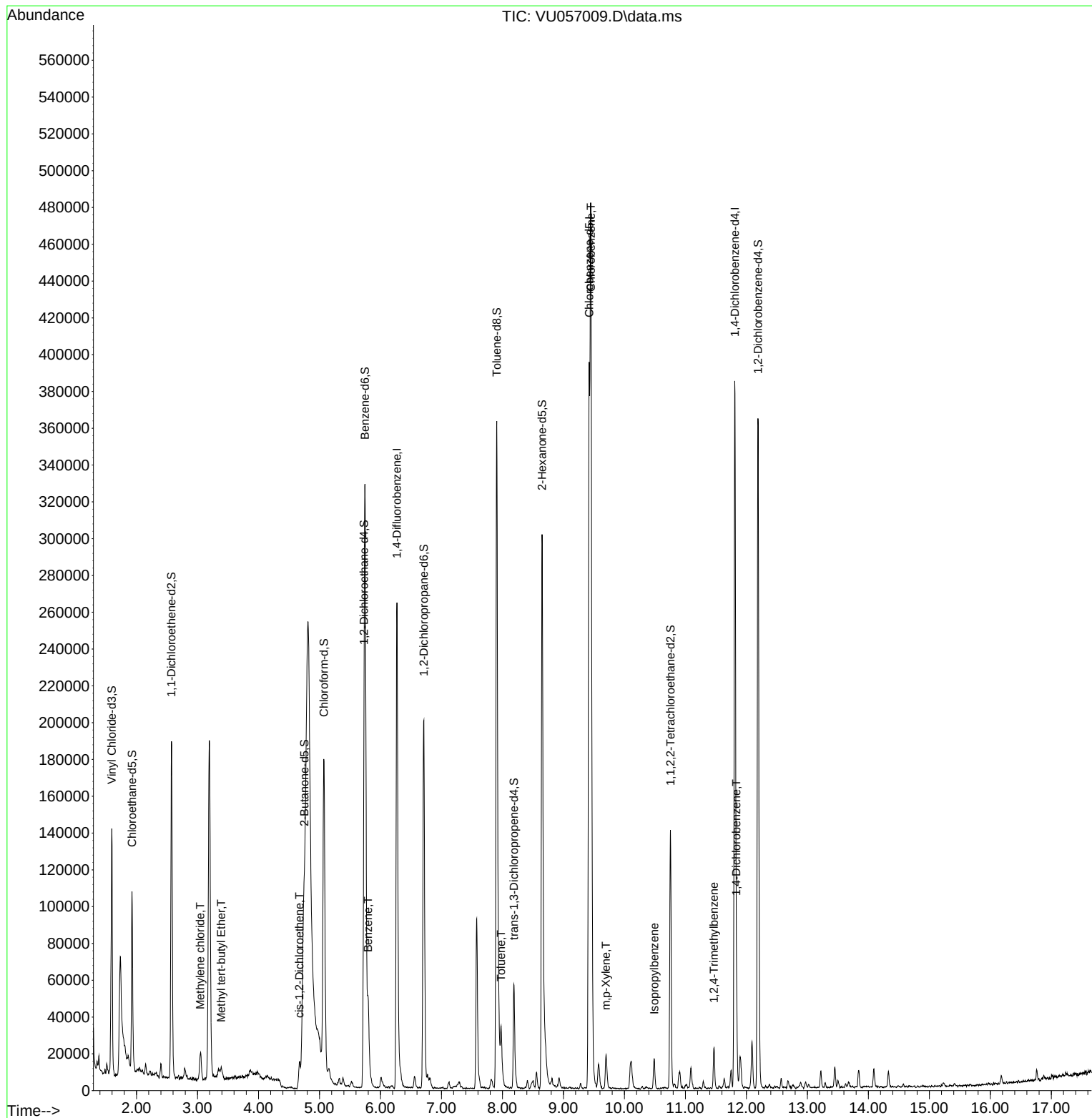
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.271	114	215745	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.422	117	237052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85528	4.625	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.927	69	73600	5.318	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.573	65	34959	4.418	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.400%	
20) 2-Butanone-d5	4.753	46	119190	32.636	ug/L	0.14
Spiked Amount	50.000	Range 40 - 130	Recovery	=	65.280%	
24) Chloroform-d	5.075	84	162232	4.633	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.730	65	75804	4.574	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.747	84	306791	4.172	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
36) 1,2-Dichloropropane-d6	6.711	67	97413	4.233	ug/L	0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.600%	
41) Toluene-d8	7.907	98	280109	4.262	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.187	79	33500	3.754	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.000%	
46) 2-Hexanone-d5	8.650	63	106889	31.755	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	63.500%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	71019	4.265	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	96569	4.894	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
						Qvalue
16) Methylene chloride	3.046	84	7270	0.381	ug/L	94
17) Methyl tert-butyl Ether	3.390	73	6261	0.161	ug/L	96
22) cis-1,2-Dichloroethene	4.669	96	7206	0.373	ug/L	95
33) Benzene	5.798	78	42204	0.507	ug/L	100
42) Toluene	7.978	91	23914	0.277	ug/L	100
51) Chlorobenzene	9.451	112	265620	4.835	ug/L	97
53) m,p-Xylene	9.698	106	5632	0.159	ug/L	97
60) Isopropylbenzene	10.489	105	11113	0.140	ug/L #	84
63) 1,2,4-Trimethylbenzene	11.470	105	12869	0.200	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	20359	0.551	ug/L	91

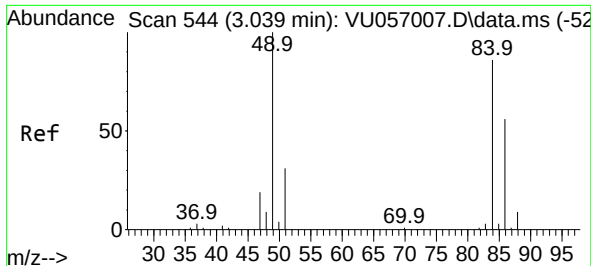
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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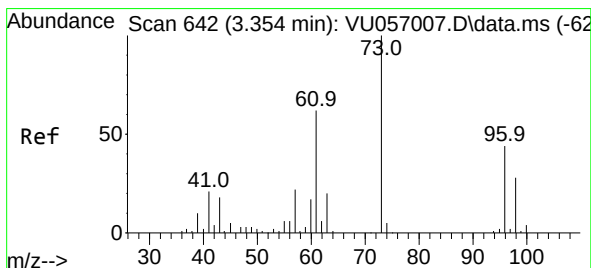
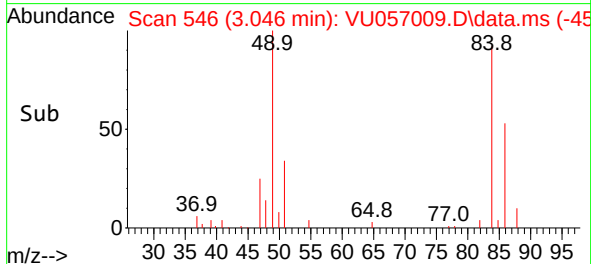
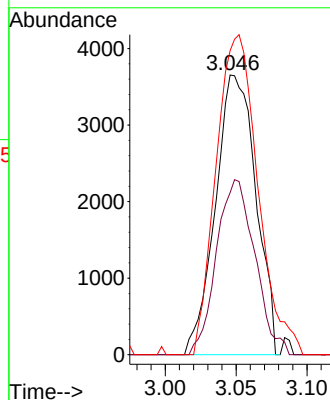
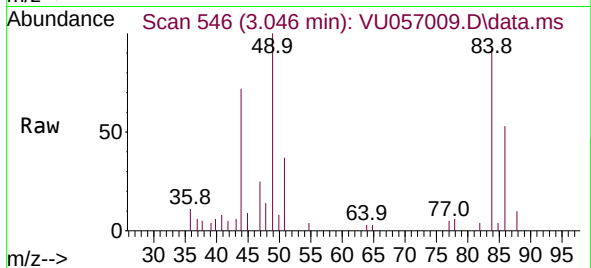




#16
Methylene chloride
Concen: 0.381 ug/L
RT: 3.046 min Scan# 544
Delta R.T. 0.006 min
Lab File: VU057009.D
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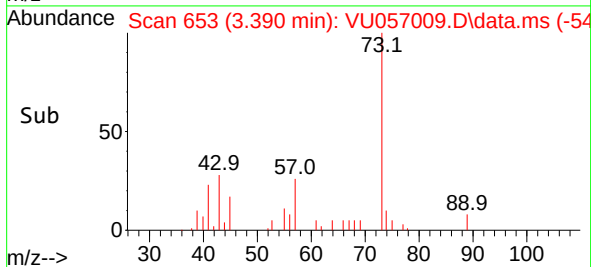
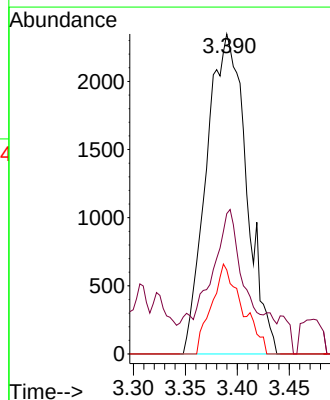
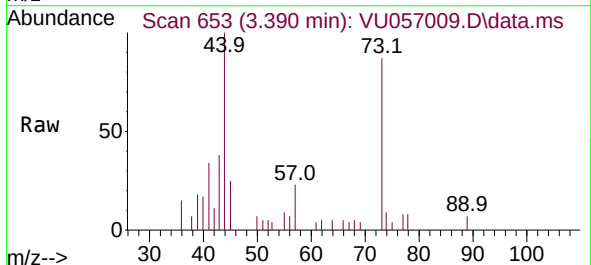
Instrument :
MSVOA_U
ClientSampleId :
E0Y98DL

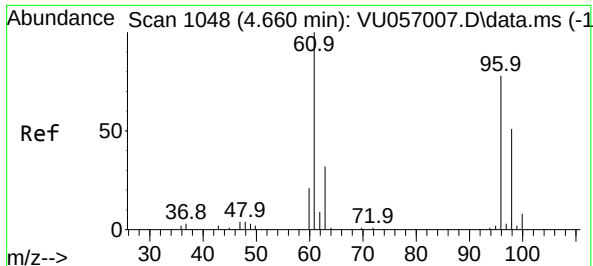
Tgt Ion: 84 Resp: 7270
Ion Ratio Lower Upper
84 100
86 57.9 43.6 81.0
49 108.6 80.6 149.6



#17
Methyl tert-butyl Ether
Concen: 0.161 ug/L
RT: 3.390 min Scan# 653
Delta R.T. 0.035 min
Lab File: VU057009.D
Acq: 18 Dec 2023 22:27

Tgt Ion: 73 Resp: 6261
Ion Ratio Lower Upper
73 100
43 21.3 14.4 21.6
57 21.6 17.8 26.8





#22

cis-1,2-Dichloroethene

Concen: 0.373 ug/L

RT: 4.669 min Scan# 110

Delta R.T. 0.010 min

Lab File: VU057009.D

Acq: 18 Dec 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :

E0Y98DL

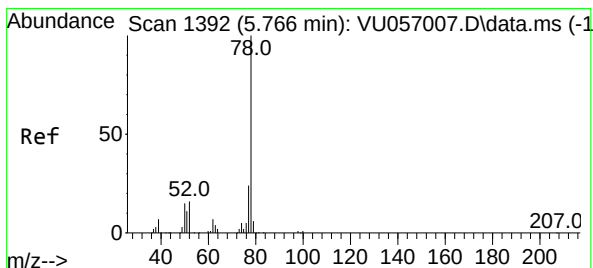
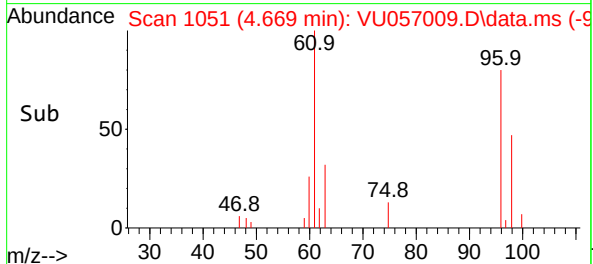
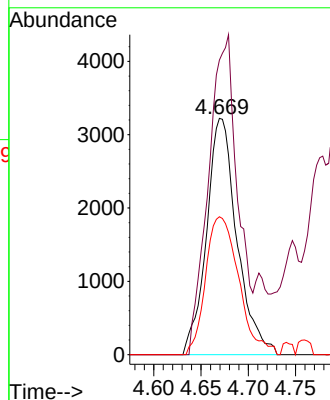
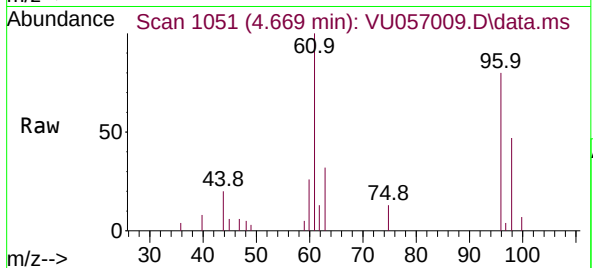
Tgt Ion: 96 Resp: 7206

Ion Ratio Lower Upper

96 100

61 124.7 91.3 169.6

98 58.3 44.2 82.0



#33

Benzene

Concen: 0.507 ug/L

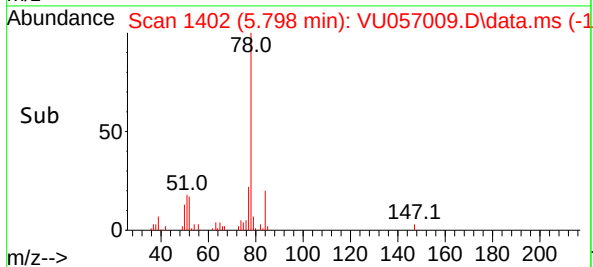
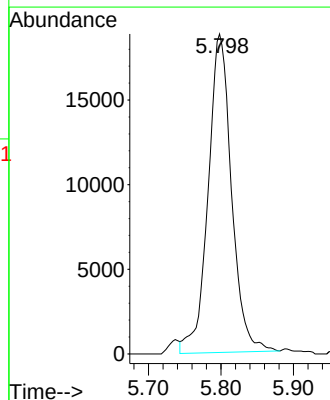
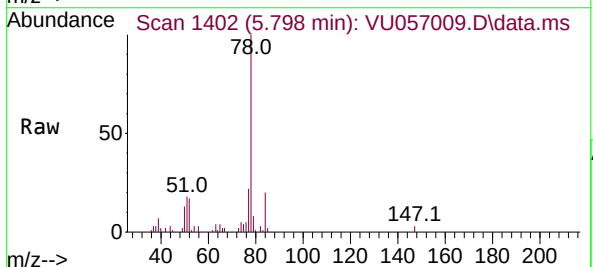
RT: 5.798 min Scan# 1402

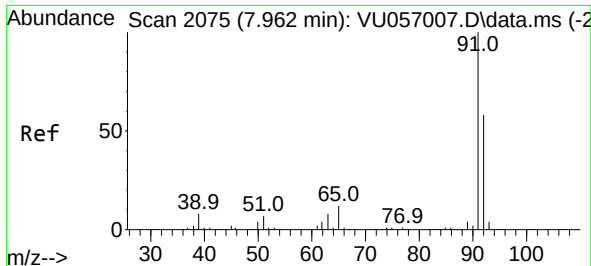
Delta R.T. 0.032 min

Lab File: VU057009.D

Acq: 18 Dec 2023 22:27

Tgt Ion: 78 Resp: 42204





#42

Toluene

Concen: 0.277 ug/L

RT: 7.978 min Scan# 2075

Delta R.T. 0.016 min

Lab File: VU057009.D

Acq: 18 Dec 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :

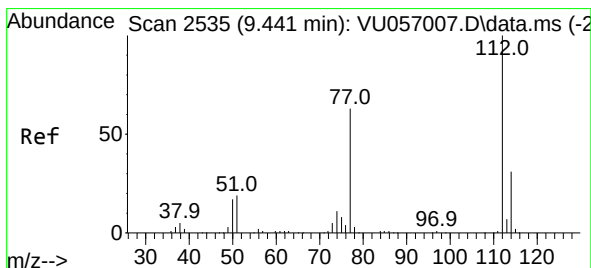
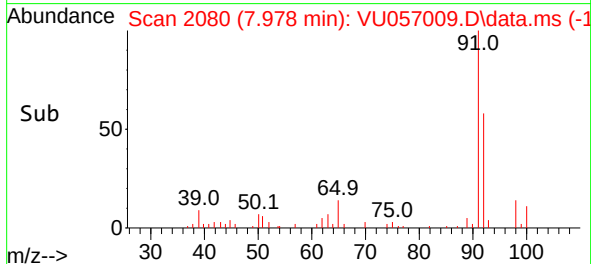
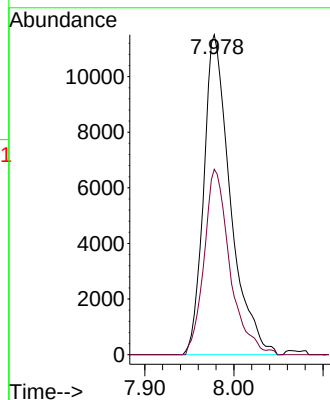
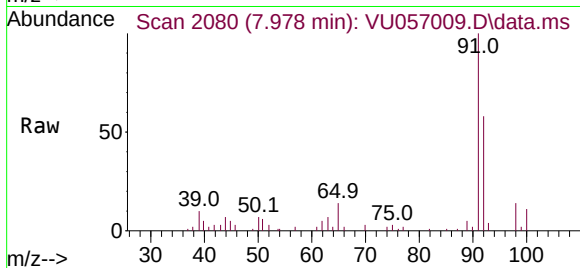
E0Y98DL

Tgt Ion: 91 Resp: 23914

Ion Ratio Lower Upper

91 100

92 58.0 40.4 75.0



#51

Chlorobenzene

Concen: 4.835 ug/L

RT: 9.451 min Scan# 2538

Delta R.T. 0.010 min

Lab File: VU057009.D

Acq: 18 Dec 2023 22:27

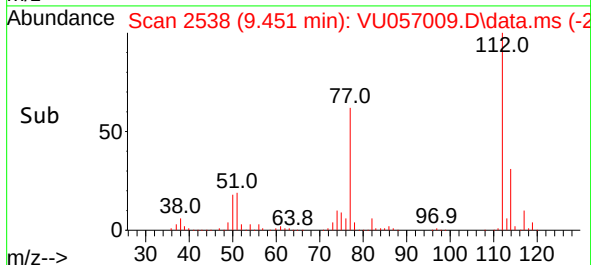
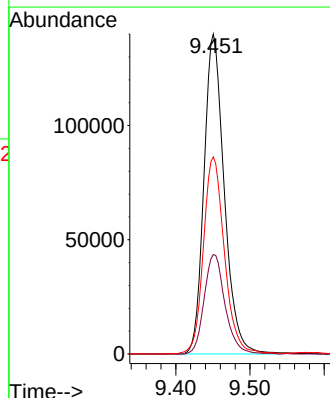
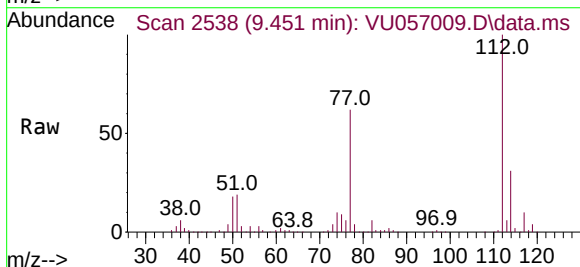
Tgt Ion: 112 Resp: 265620

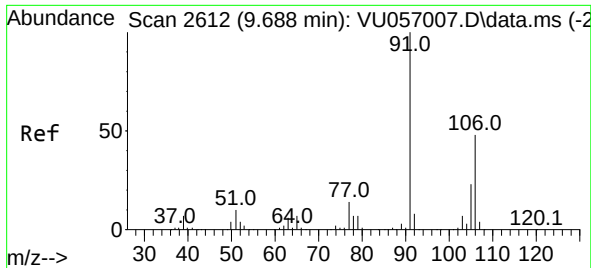
Ion Ratio Lower Upper

112 100

114 31.1 21.9 40.7

77 61.6 51.6 77.4

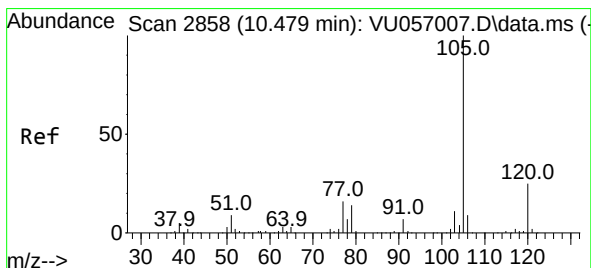
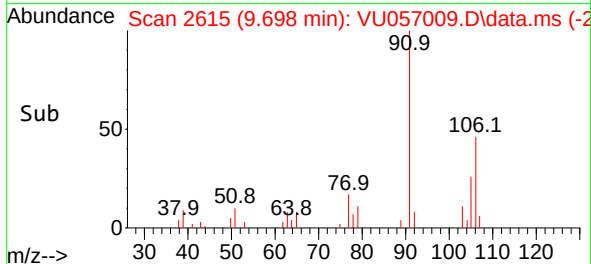
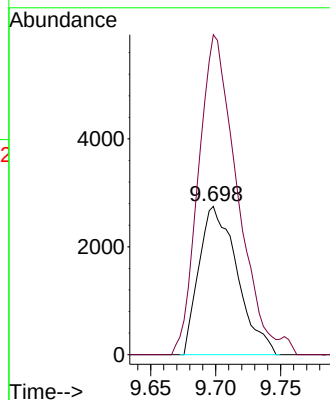
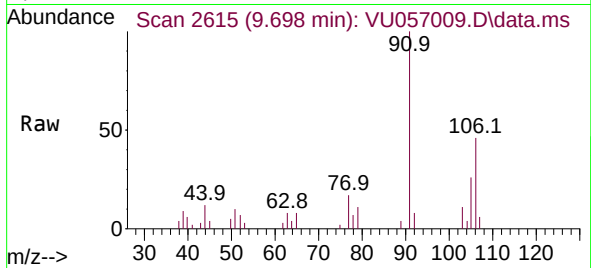




#53
m,p-Xylene
Concen: 0.159 ug/L
RT: 9.698 min Scan# 2615
Delta R.T. 0.010 min
Lab File: VU057009.D
Acq: 18 Dec 2023 22:27

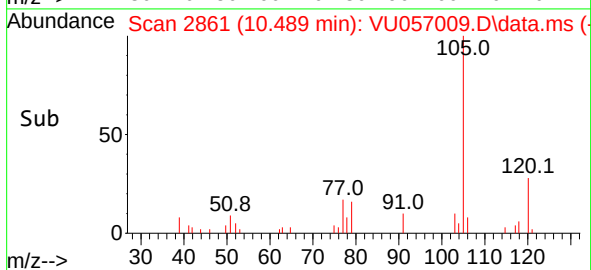
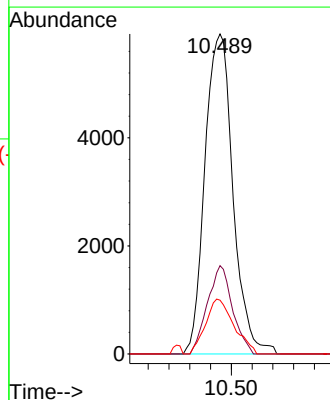
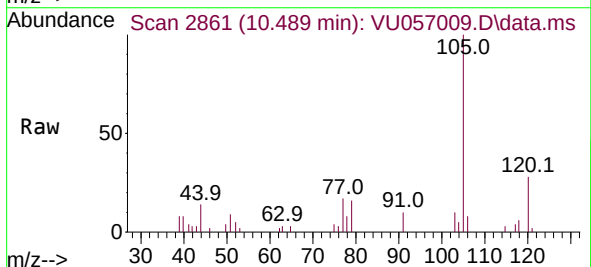
Instrument :
MSVOA_U
ClientSampleId :
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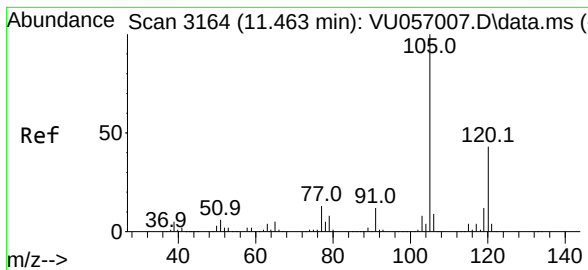
Tgt Ion:106 Resp: 5632
Ion Ratio Lower Upper
106 100
91 215.6 154.0 286.0



#60
Isopropylbenzene
Concen: 0.140 ug/L
RT: 10.489 min Scan# 2861
Delta R.T. 0.010 min
Lab File: VU057009.D
Acq: 18 Dec 2023 22:27

Tgt Ion:105 Resp: 11113
Ion Ratio Lower Upper
105 100
120 24.6 20.1 30.1
77 0.0 13.2 19.8#

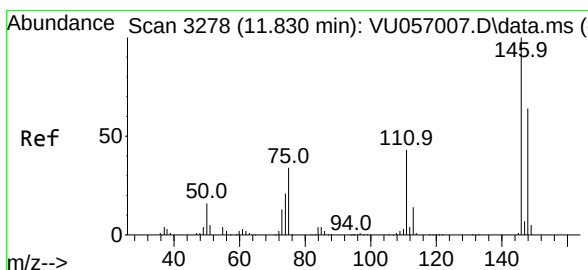
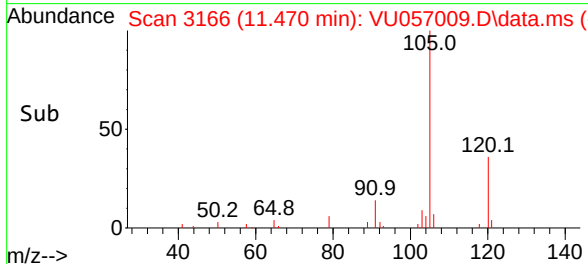
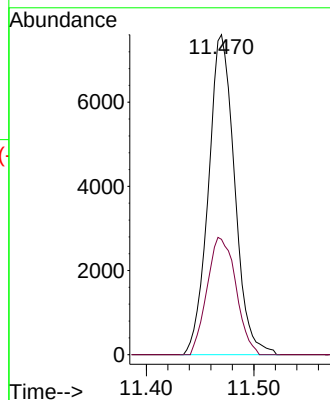
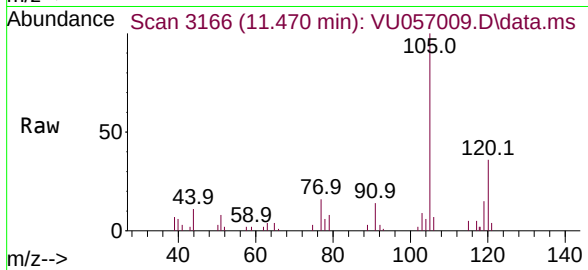




#63
1,2,4-Trimethylbenzene
Concen: 0.200 ug/L
RT: 11.470 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU057009.D
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Tgt Ion:105 Resp: 12869
Ion Ratio Lower Upper
105 100
120 40.2 34.2 51.4



#65
1,4-Dichlorobenzene
Concen: 0.551 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.006 min
Lab File: VU057009.D
Acq: 18 Dec 2023 22:27

Tgt Ion:146 Resp: 20359
Ion Ratio Lower Upper
146 100
111 37.9 31.2 58.0
148 58.2 45.6 84.8

