

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051591.D
 Acq On : 29 Oct 2022 01:29
 Operator : JC/MD
 Sample : N5276-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4X1

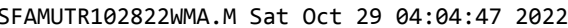
Quant Time: Oct 29 04:04:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

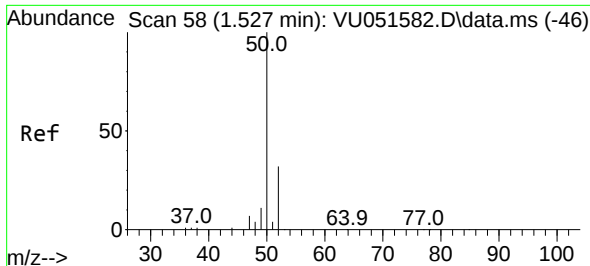
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	194561	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64131	4.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.912	69	63873	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.565	65	22386	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.616	46	211628	39.878	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.760%
24) Chloroform-d	5.060	84	131614	3.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.700	65	74348	4.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	5.726	84	245304	3.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.687	67	87752	3.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.896	98	168246	3.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	8.179	79	19916	2.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.600%
46) 2-Hexanone-d5	8.629	63	146233	35.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.560%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82310	4.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	58759	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	5797	0.216	ug/L #	73
8) Chloroethane	1.890	64	1504	0.096	ug/L #	52
15) Methyl Acetate	3.044	43	1618	0.230	ug/L #	50
30) Cyclohexane	5.378	56	3745	0.149	ug/L #	86
33) Benzene	5.774	78	9205	0.116	ug/L	100
35) Methylcyclohexane	6.761	83	5525	0.209	ug/L	96
37) 1,2-Dichloropropane	6.690	63	9161	0.448	ug/L #	88
42) Toluene	7.967	91	30255	0.371	ug/L	95
52) Ethylbenzene	9.568	91	9386	0.119	ug/L	92
53) m,p-Xylene	9.690	106	5620	0.184	ug/L	95
61) 1,2,3-Trichloropropane	11.812	75	7750	0.856	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.086	105	1444	0.105	ug/L	89
63) 1,2,4-Trimethylbenzene	11.471	105	5234	0.132	ug/L	97

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

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QLast Update : Sat Oct 29 00:39:42 2022
Response via : Initial Calibration

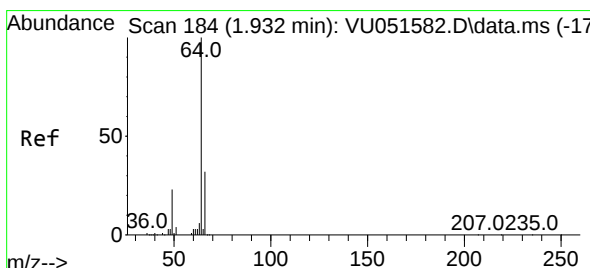
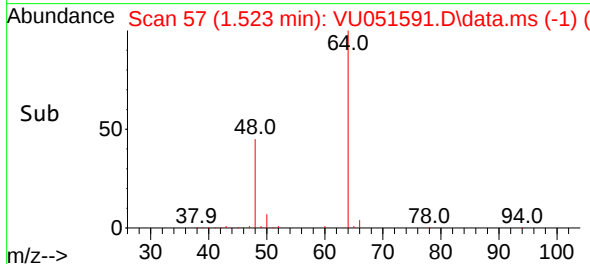
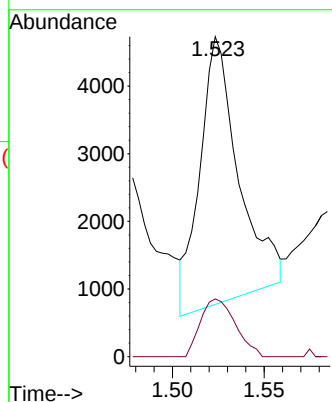
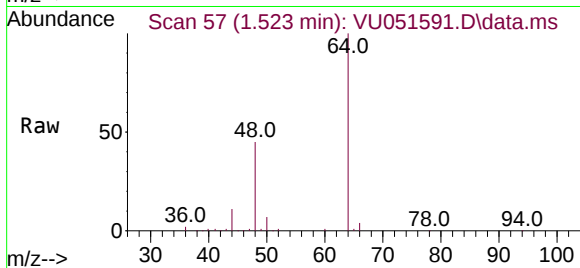




#3
Chloromethane
Concen: 0.216 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

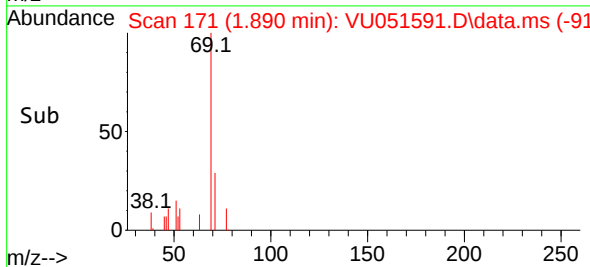
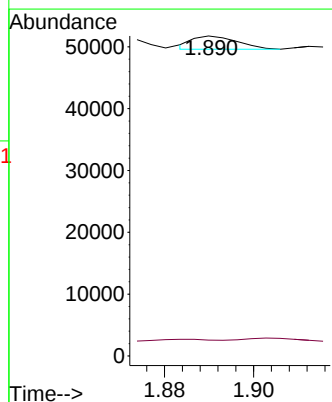
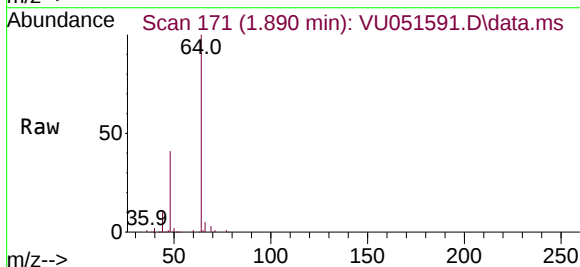
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MSVOA_U
ClientSampleId :
EW4X1

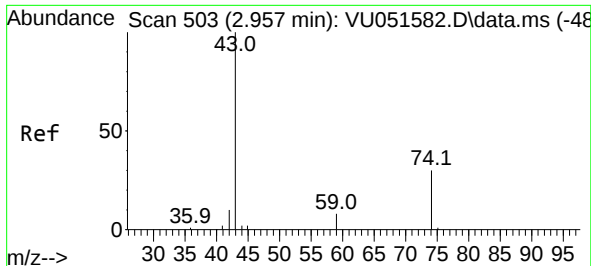
Tgt Ion: 50 Resp: 5797
Ion Ratio Lower Upper
50 100
52 18.0 23.2 43.2#



#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.890 min Scan# 171
Delta R.T. -0.042 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 64 Resp: 1504
Ion Ratio Lower Upper
64 100
66 5.0 22.3 41.5#

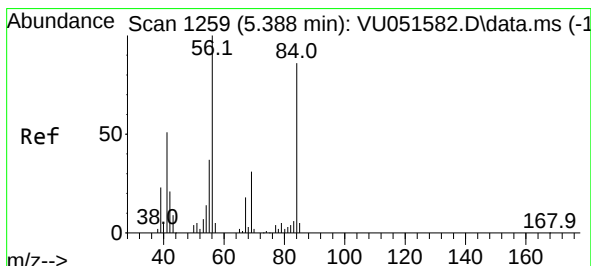
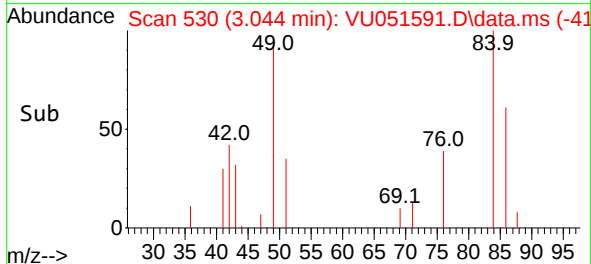
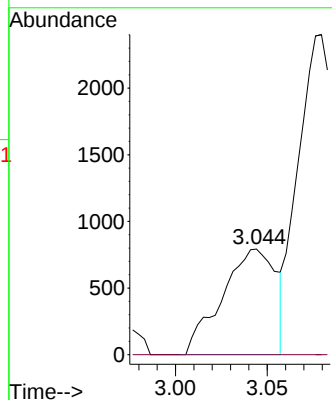
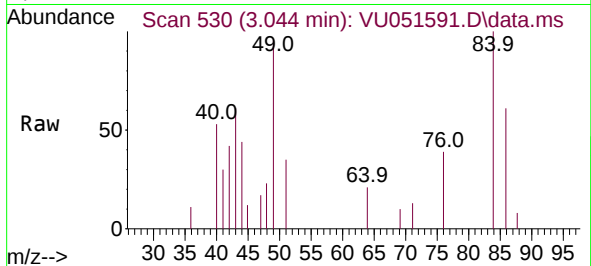




#15
Methyl Acetate
Concen: 0.230 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.087 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

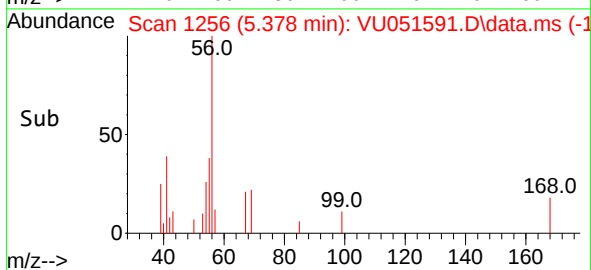
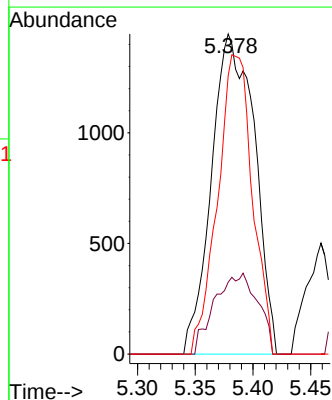
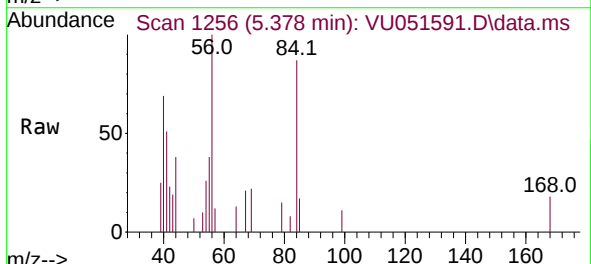
Instrument :
MSVOA_U
ClientSampleId :
EW4X1

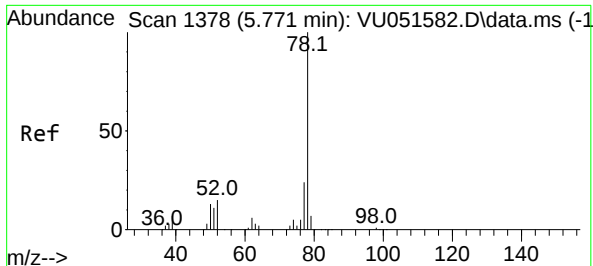
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#30
Cyclohexane
Concen: 0.149 ug/L
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 56 Resp: 3745
Ion Ratio Lower Upper
56 100
69 25.3 25.4 38.0#
84 75.8 71.4 107.0

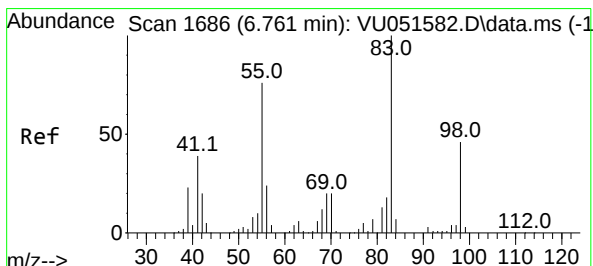
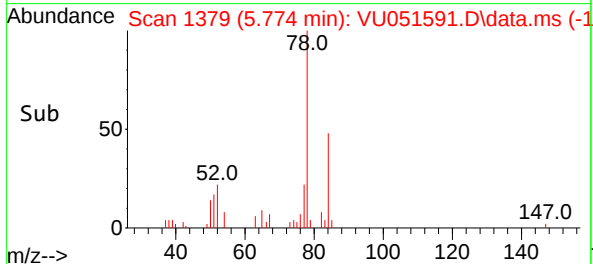
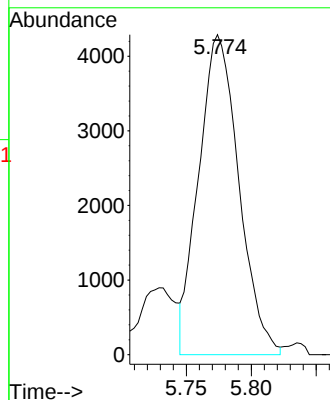
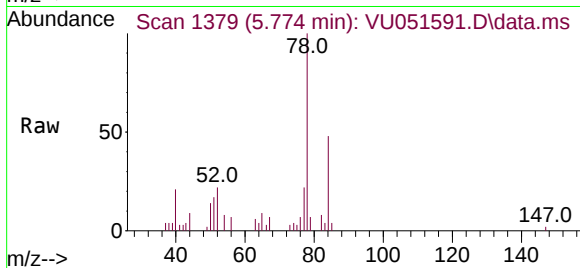




#33
Benzene
Concen: 0.116 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

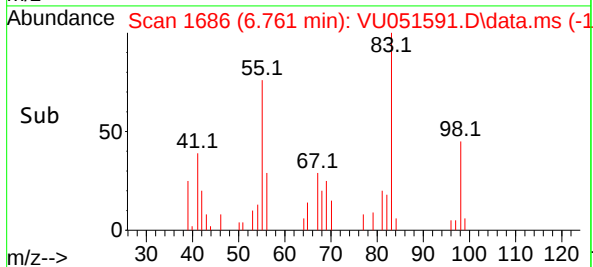
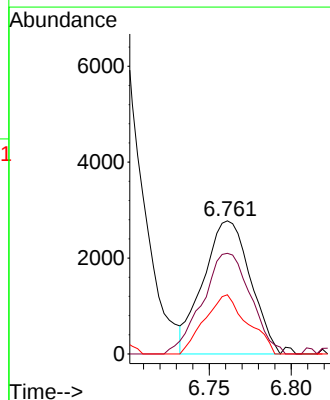
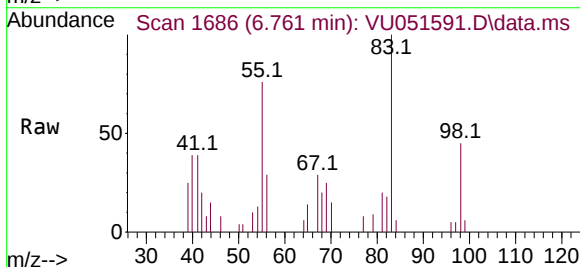
Instrument :
MSVOA_U
ClientSampleId :
EW4X1

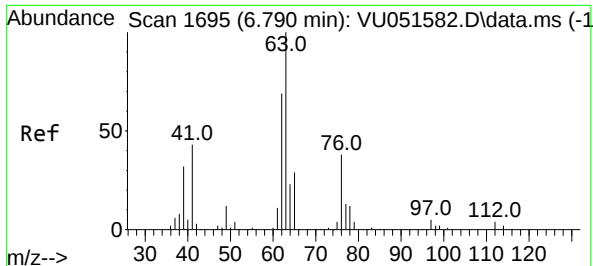
Tgt Ion: 78 Resp: 9205



#35
Methylcyclohexane
Concen: 0.209 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 83 Resp: 5525
Ion Ratio Lower Upper
83 100
55 77.5 60.6 90.8
98 40.4 35.8 53.6





#37

1,2-Dichloropropane

Concen: 0.448 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051591.D

Acq: 29 Oct 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

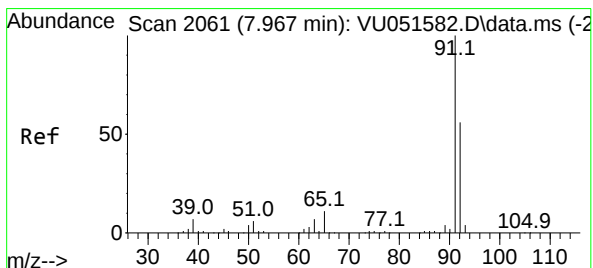
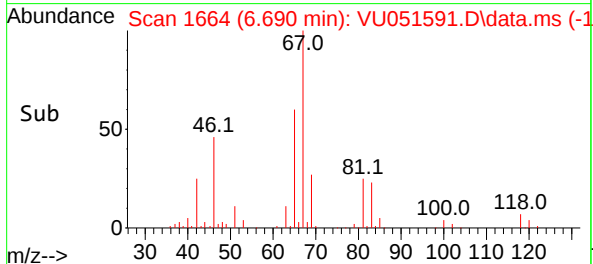
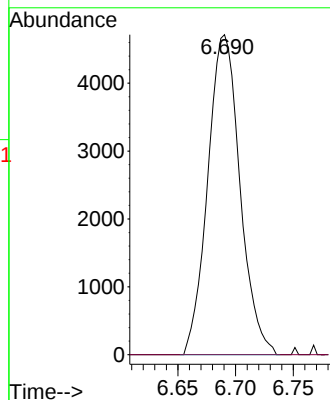
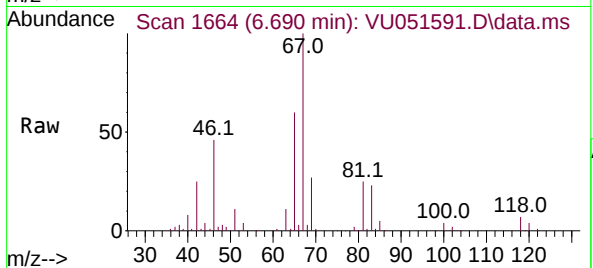
EW4X1

Tgt Ion: 63 Resp: 9161

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 0.371 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051591.D

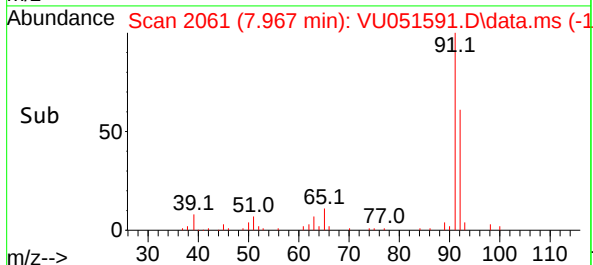
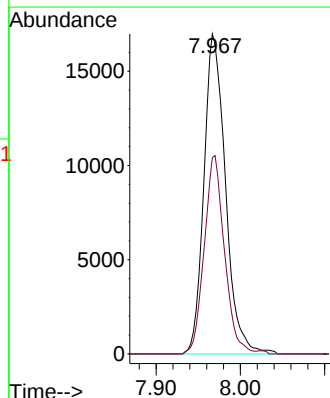
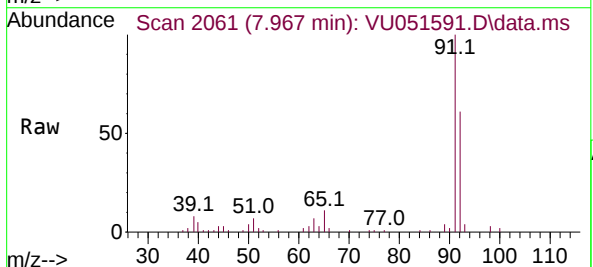
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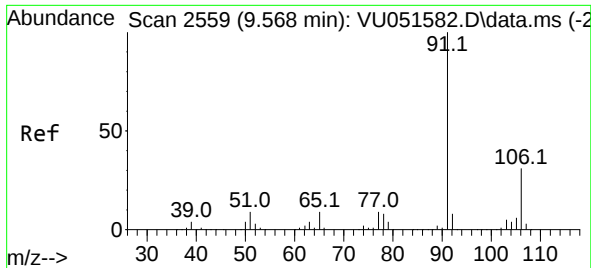
Tgt Ion: 91 Resp: 30255

Ion Ratio Lower Upper

91 100

92 61.4 40.5 75.3

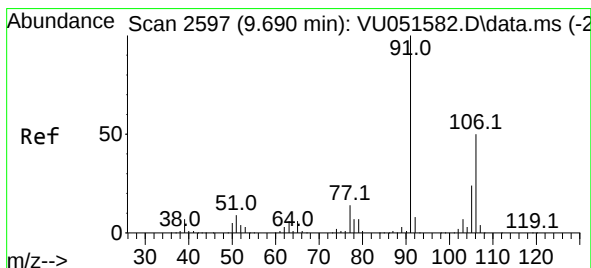
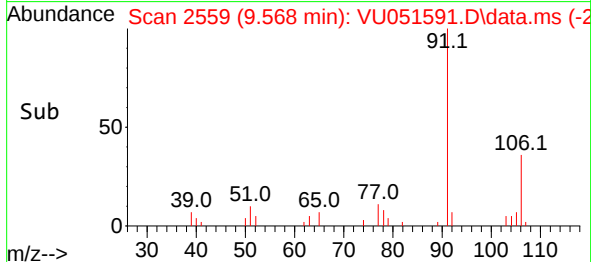
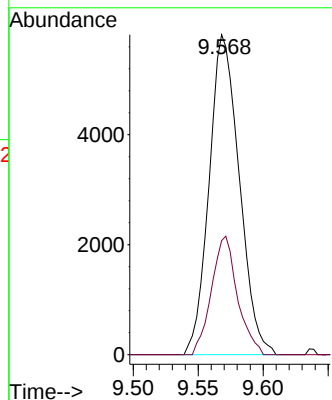
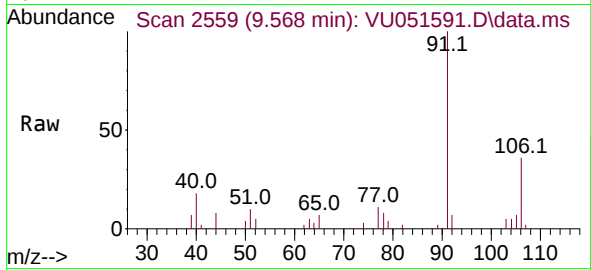




#52
Ethylbenzene
Concen: 0.119 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

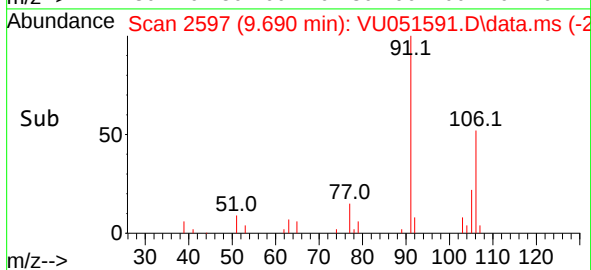
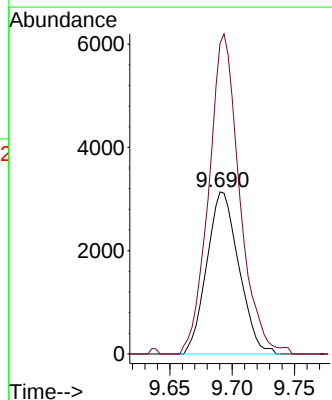
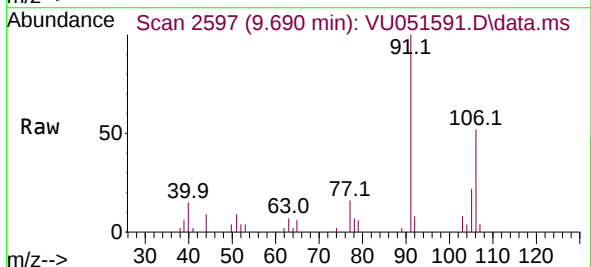
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MSVOA_U
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EW4X1

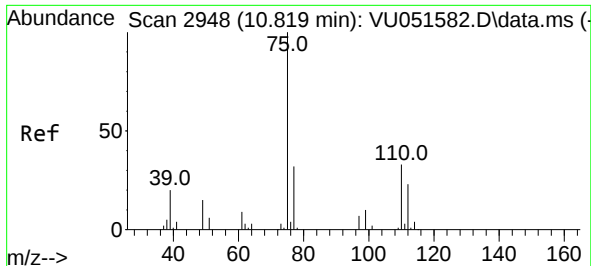
Tgt Ion: 91 Resp: 9386
Ion Ratio Lower Upper
91 100
106 35.6 21.8 40.6



#53
m,p-Xylene
Concen: 0.184 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 106 Resp: 5620
Ion Ratio Lower Upper
106 100
91 191.6 139.4 259.0





#61

1,2,3-Trichloropropane

Concen: 0.856 ug/L

RT: 11.812 min Scan# 3031

Delta R.T. 0.993 min

Lab File: VU051591.D

Acq: 29 Oct 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

EW4X1

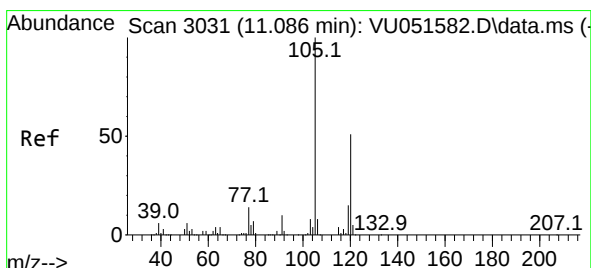
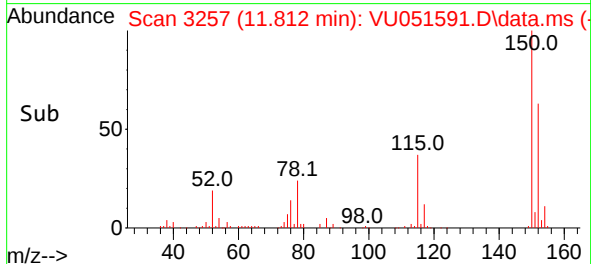
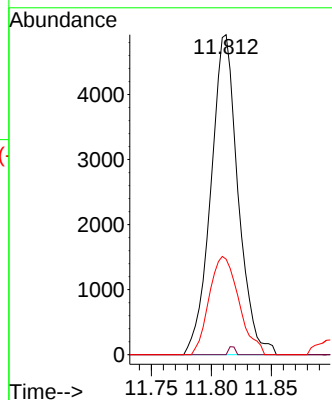
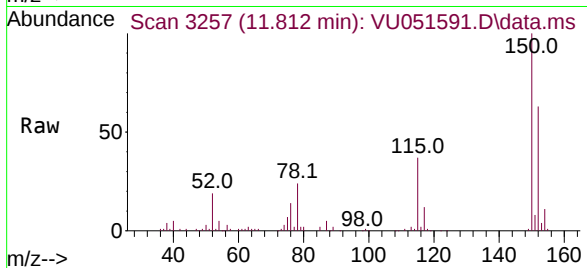
Tgt Ion: 75 Resp: 7750

Ion Ratio Lower Upper

75 100

110 0.6 28.7 43.1#

77 33.5 26.1 39.1



#62

1,3,5-Trimethylbenzene

Concen: 0.105 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051591.D

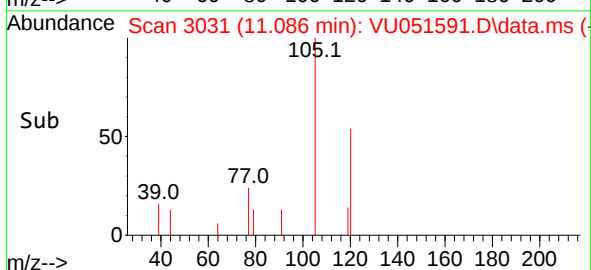
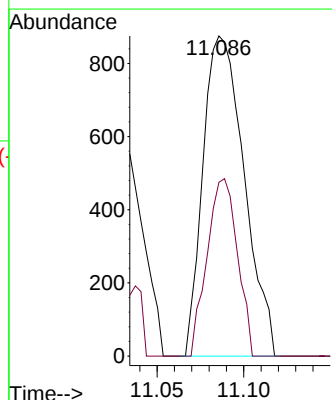
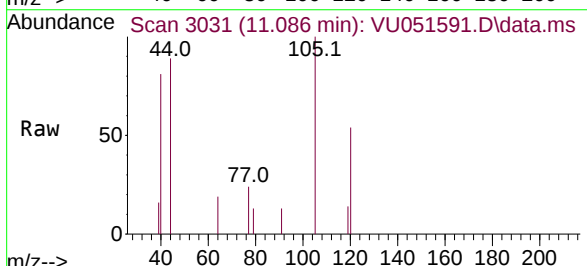
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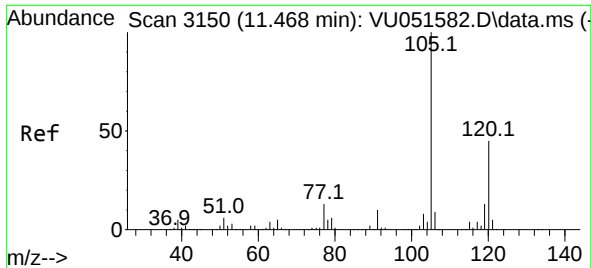
Tgt Ion: 105 Resp: 1444

Ion Ratio Lower Upper

105 100

120 40.8 38.6 57.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.132 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU051591.D
 Acq: 29 Oct 2022 01:29

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4X1

Tgt Ion:105 Resp: 5234
 Ion Ratio Lower Upper
 105 100
 120 46.6 35.8 53.6

