

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052591.D
 Acq On : 28 Dec 2022 16:15
 Operator : JC/MD
 Sample : N6171-17DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD3DL

Quant Time: Dec 29 00:27:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

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

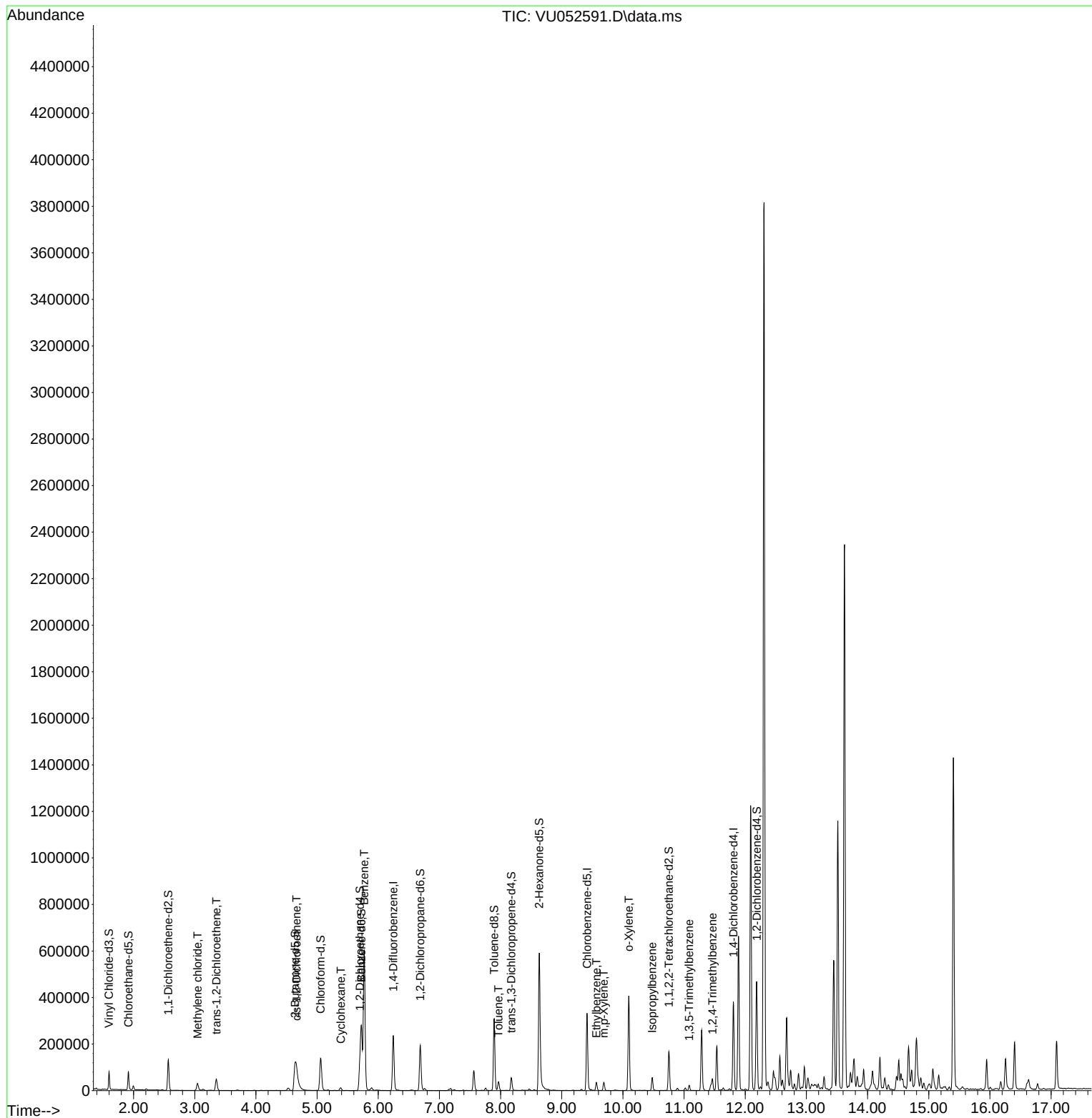
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	182616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	173124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	90544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53370	2.885	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.916	69	55798	3.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.568	65	27238	3.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.642	46	299251	52.160	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.320%
24) Chloroform-d	5.057	84	130840	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.700	65	77522	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.726	84	257120	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.687	67	94724	4.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.896	98	201210	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.176	79	31365	4.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.632	63	207763	54.277	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.560%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	84011	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	90375	4.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	13563	0.702	ug/L	94
18) trans-1,2-Dichloroethene	3.353	96	19320	1.371	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	7213	0.466	ug/L	96
30) Cyclohexane	5.388	56	5177	0.220	ug/L	94
33) Benzene	5.771	78	565495	9.068	ug/L	100
42) Toluene	7.967	91	27099	0.453	ug/L	100
52) Ethylbenzene	9.568	91	24519	0.396	ug/L	99
53) m,p-Xylene	9.687	106	9544	0.418	ug/L	95
54) o-Xylene	10.095	106	103687	4.741	ug/L	97
60) Isopropylbenzene	10.478	105	34247	0.584	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	12390	0.256	ug/L	94
63) 1,2,4-Trimethylbenzene	11.462	105	26413	0.542	ug/L	98

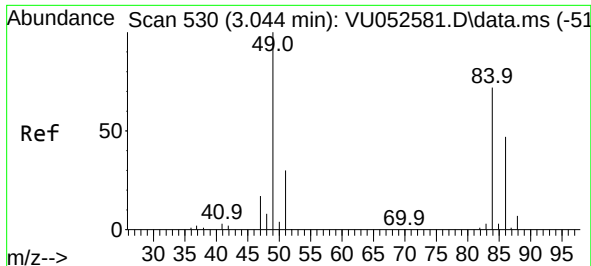
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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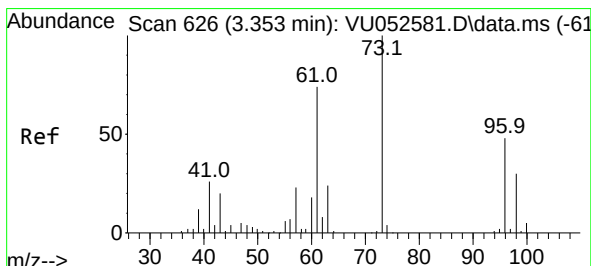
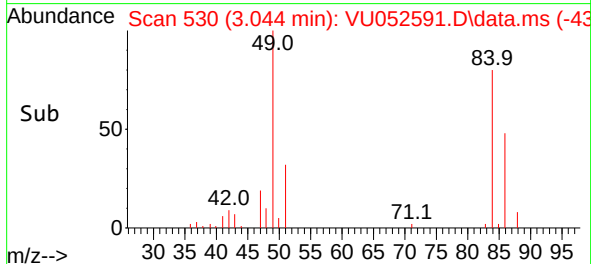
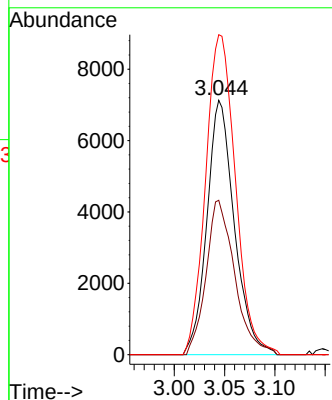
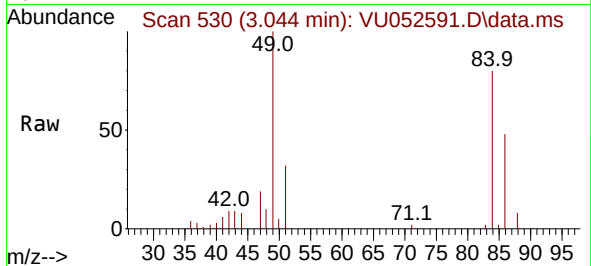




#16
Methylene chloride
Concen: 0.702 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052591.D
Acq: 28 Dec 2022 16:15

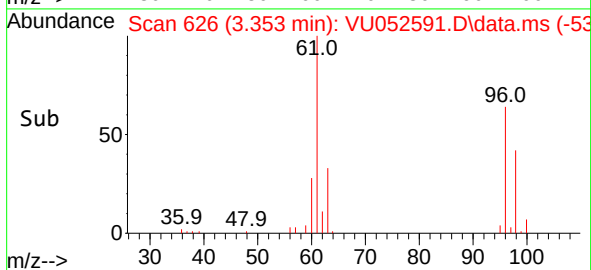
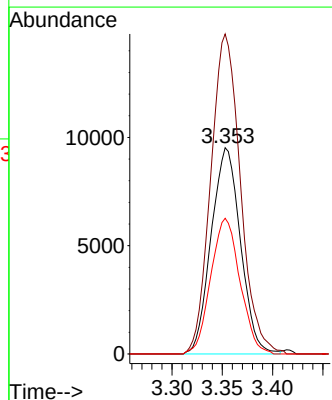
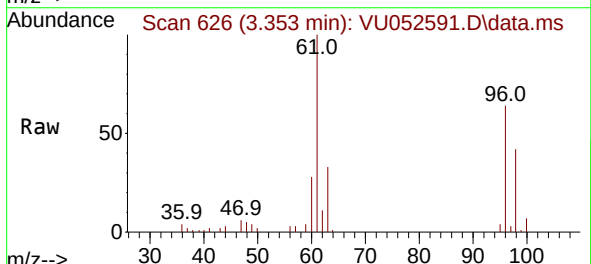
Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

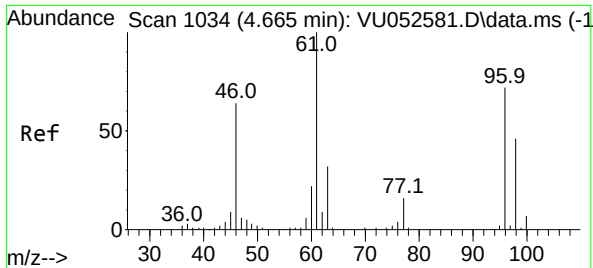
Tgt Ion: 84 Resp: 13563
Ion Ratio Lower Upper
84 100
86 60.7 44.7 83.1
49 125.8 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 1.371 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052591.D
Acq: 28 Dec 2022 16:15

Tgt Ion: 96 Resp: 19320
Ion Ratio Lower Upper
96 100
61 155.2 108.3 201.1
98 65.8 44.0 81.6

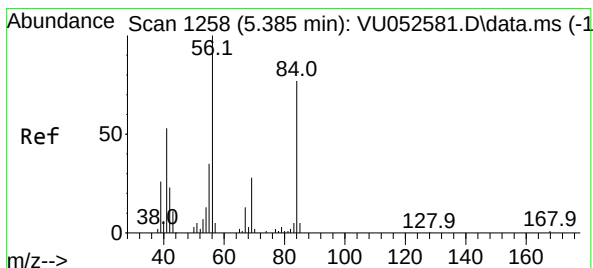
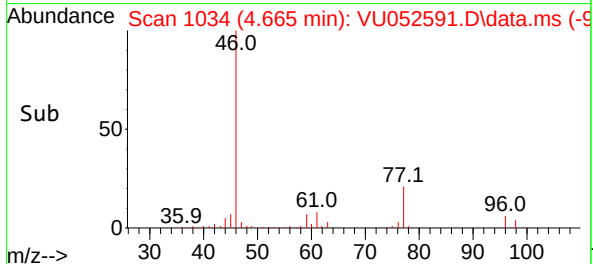
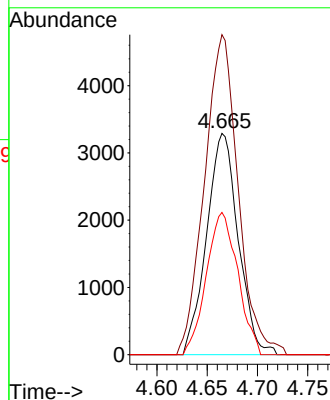
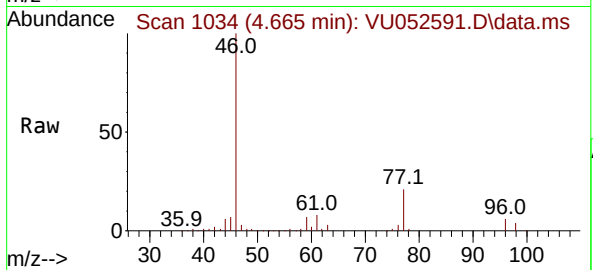




#22
 cis-1,2-Dichloroethene
 Concen: 0.466 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052591.D
 Acq: 28 Dec 2022 16:15

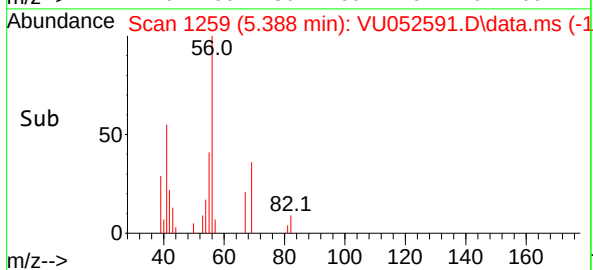
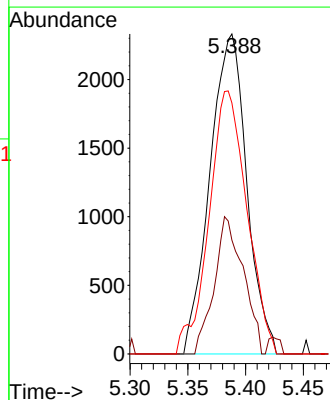
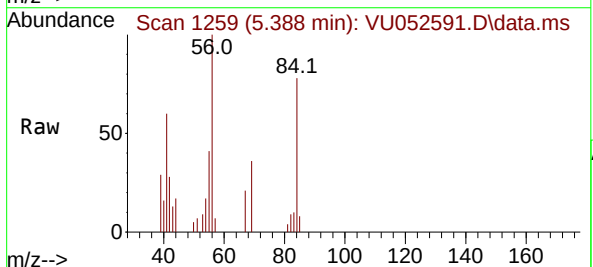
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD3DL

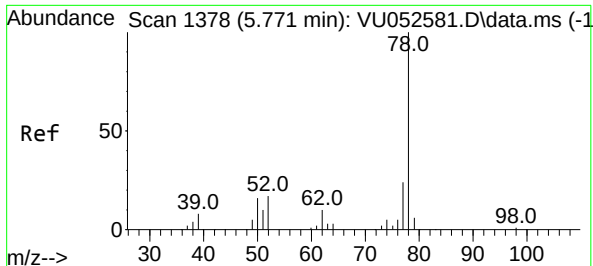
Tgt Ion: 96 Resp: 7213
 Ion Ratio Lower Upper
 96 100
 61 144.6 96.9 180.1
 98 64.3 44.7 83.1



#30
 Cyclohexane
 Concen: 0.220 ug/L
 RT: 5.388 min Scan# 1259
 Delta R.T. 0.003 min
 Lab File: VU052591.D
 Acq: 28 Dec 2022 16:15

Tgt Ion: 56 Resp: 5177
 Ion Ratio Lower Upper
 56 100
 69 33.8 23.0 34.6
 84 84.5 64.4 96.6





#33

Benzene

Concen: 9.068 ug/L

RT: 5.771 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052591.D

Acq: 28 Dec 2022 16:15

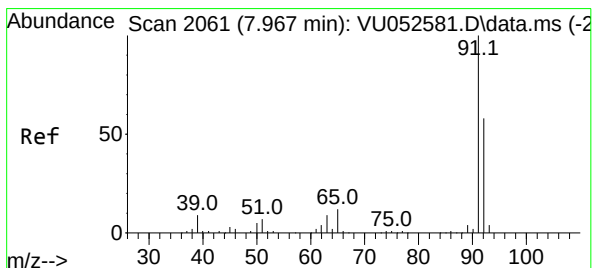
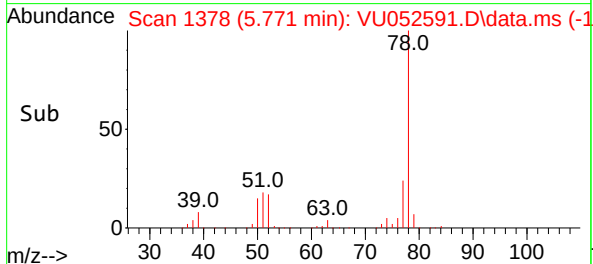
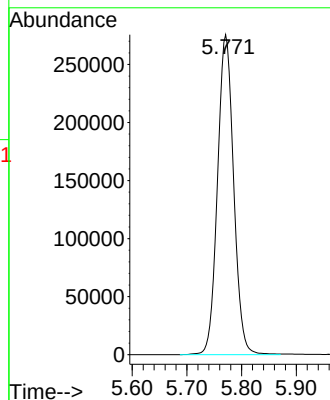
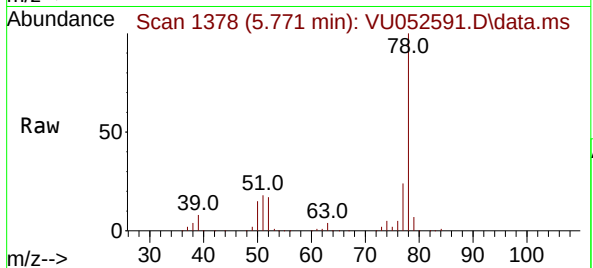
Instrument :

MSVOA_U

ClientSampleId :

GBQD3DL

Tgt Ion: 78 Resp: 565495



#42

Toluene

Concen: 0.453 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052591.D

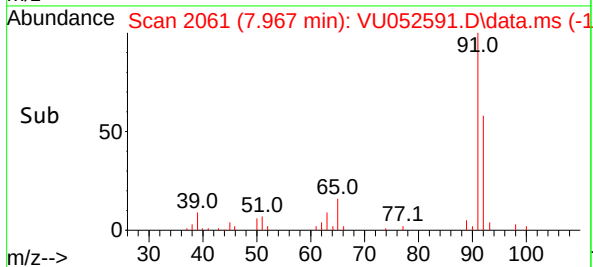
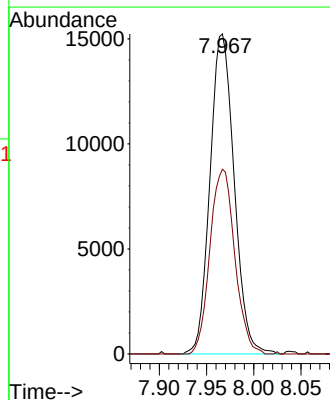
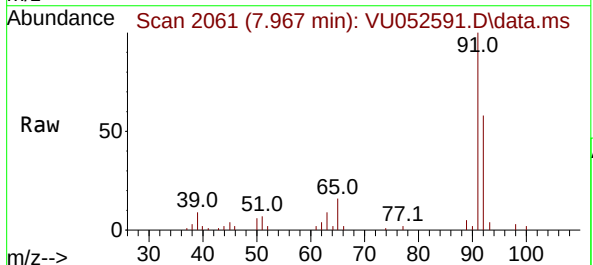
Acq: 28 Dec 2022 16:15

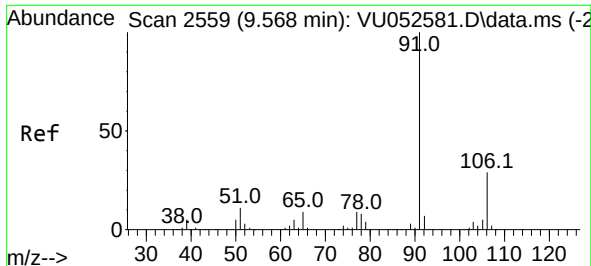
Tgt Ion: 91 Resp: 27099

Ion Ratio Lower Upper

91 100

92 57.8 40.6 75.4

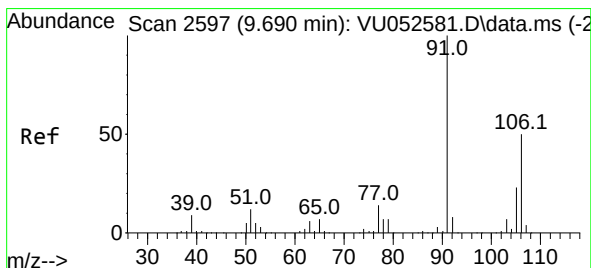
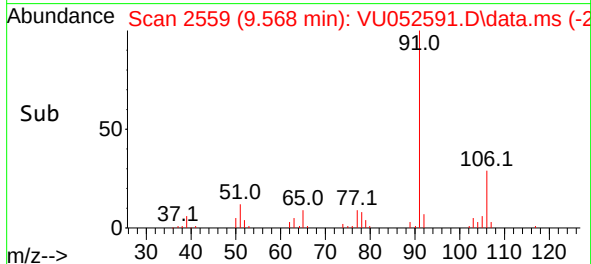
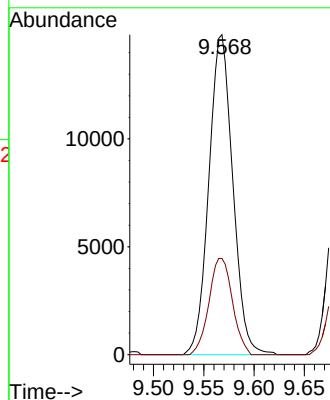
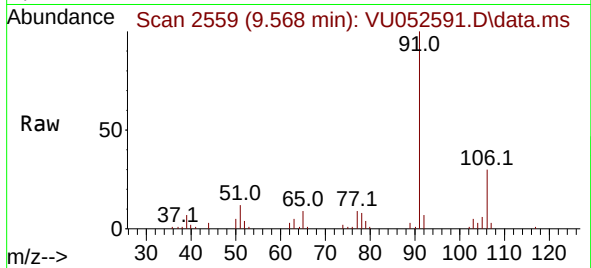




#52
Ethylbenzene
Concen: 0.396 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052591.D
Acq: 28 Dec 2022 16:15

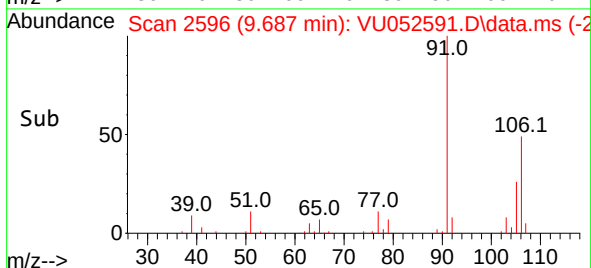
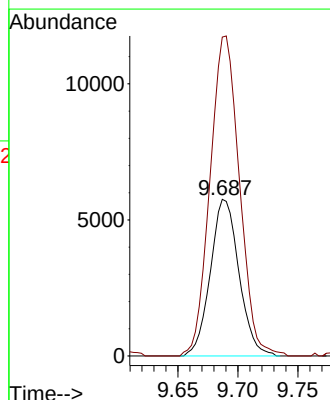
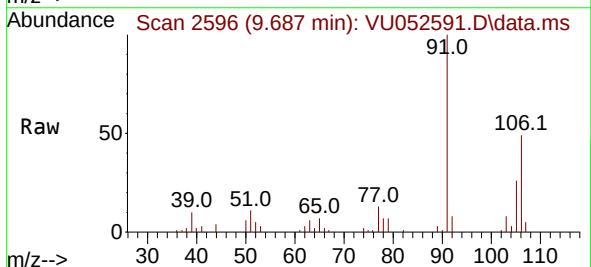
Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

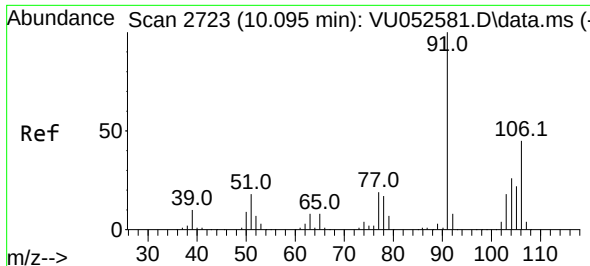
Tgt Ion: 91 Resp: 24519
Ion Ratio Lower Upper
91 100
106 30.1 20.9 38.7



#53
m,p-Xylene
Concen: 0.418 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.003 min
Lab File: VU052591.D
Acq: 28 Dec 2022 16:15

Tgt Ion: 106 Resp: 9544
Ion Ratio Lower Upper
106 100
91 203.6 148.2 275.2

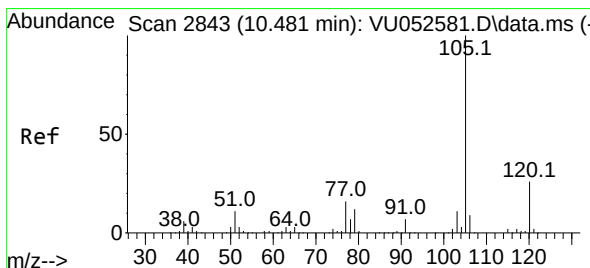
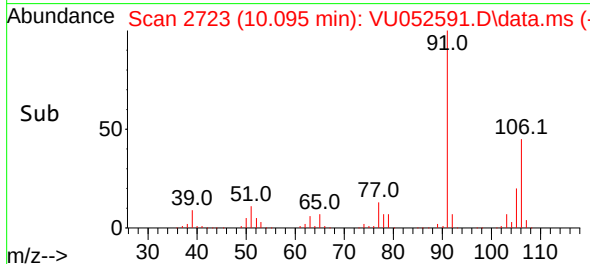
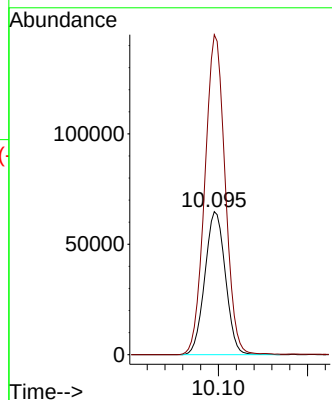
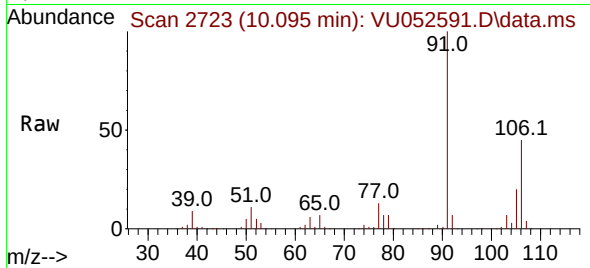




#54
o-Xylene
Concen: 4.741 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052591.D
Acq: 28 Dec 2022 16:15

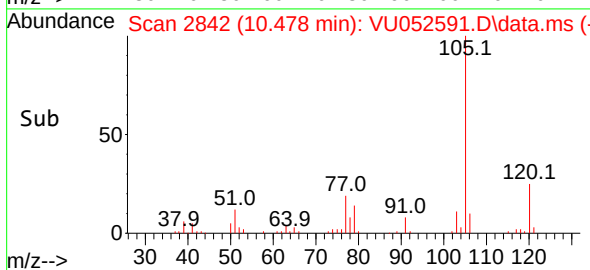
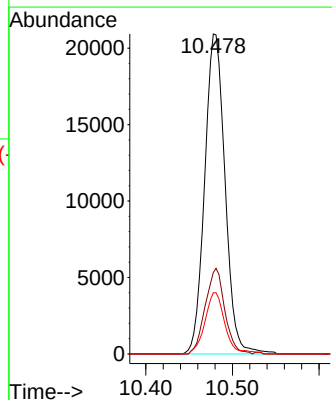
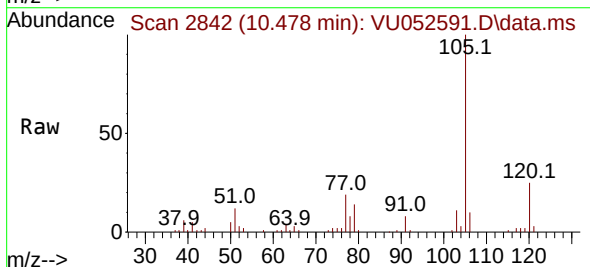
Instrument :
MSVOA_U
ClientSampleId :
GBQD3DL

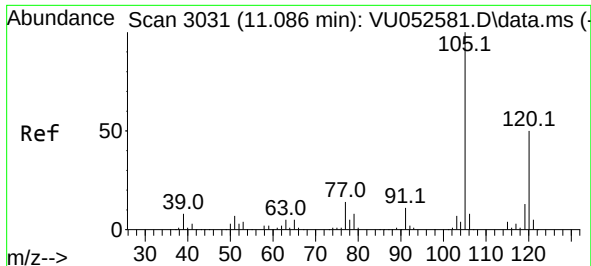
Tgt Ion:106 Resp: 103687
Ion Ratio Lower Upper
106 100
91 223.7 153.2 284.4



#60
Isopropylbenzene
Concen: 0.584 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU052591.D
Acq: 28 Dec 2022 16:15

Tgt Ion:105 Resp: 34247
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 18.8 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 0.256 ug/L

RT: 11.082 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU052591.D

Acq: 28 Dec 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

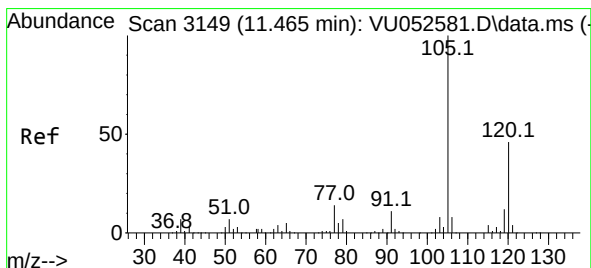
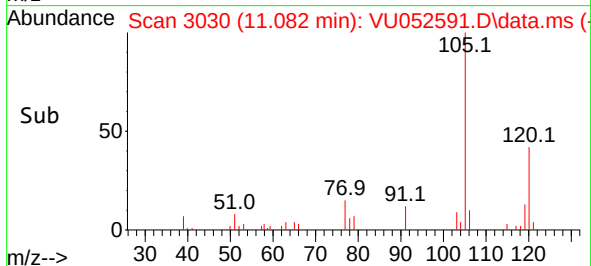
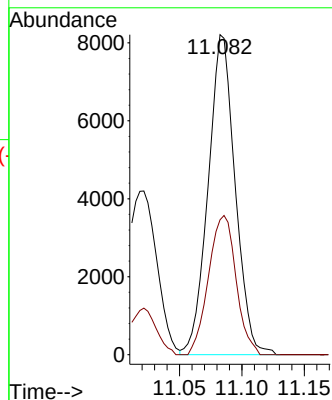
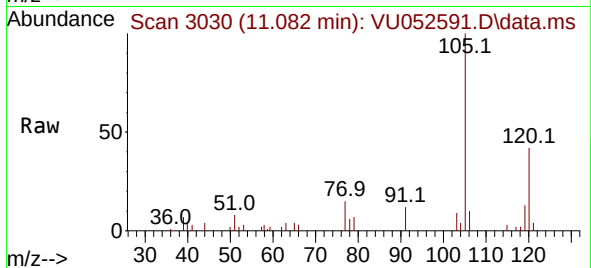
GBQD3DL

Tgt Ion:105 Resp: 12390

Ion Ratio Lower Upper

105 100

120 44.3 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.542 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.003 min

Lab File: VU052591.D

Acq: 28 Dec 2022 16:15

Tgt Ion:105 Resp: 26413

Ion Ratio Lower Upper

105 100

120 43.0 35.6 53.4

