

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051519.D
 Acq On : 26 Oct 2022 22:43
 Operator : JC/MD
 Sample : N5300-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE6

Quant Time: Oct 27 08:24:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

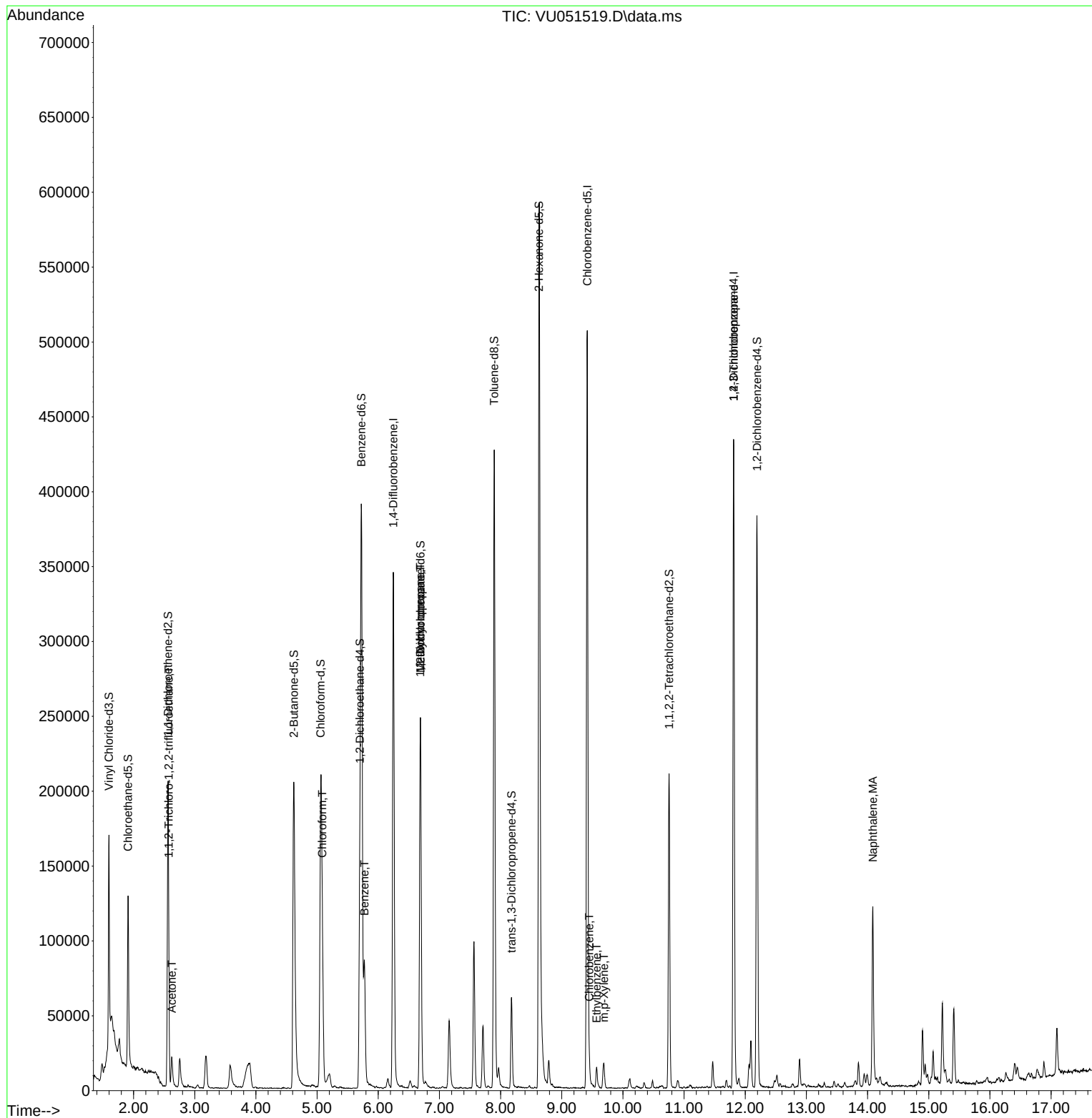
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	284209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	289205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	121130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100364	4.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.909	69	92062	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.565	65	38971	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.620	46	280762	55.625	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.240%
24) Chloroform-d	5.060	84	185901	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.700	65	99383	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.726	84	379624	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.690	67	126063	4.666	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.896	98	302362	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.179	79	34378	3.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.629	63	199822	66.789	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.580%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	106286	4.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	104646	4.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1047	0.047	ug/L #	23
13) Acetone	2.626	43	21445	5.665	ug/L	97
25) Chloroform	5.086	83	69234	1.473	ug/L	96
33) Benzene	5.774	78	81485	0.844	ug/L	100
35) Methylcyclohexane	6.690	83	28862	0.950	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	12178	0.460	ug/L #	89
51) Chlorobenzene	9.449	112	6079	0.099	ug/L #	87
52) Ethylbenzene	9.571	91	9895	0.107	ug/L	96
53) m,p-Xylene	9.693	106	3221	0.090	ug/L	84
61) 1,2,3-Trichloropropane	11.812	75	14297	0.935	ug/L #	71
71) Naphthalene	14.086	128	104051	3.011	ug/L	99

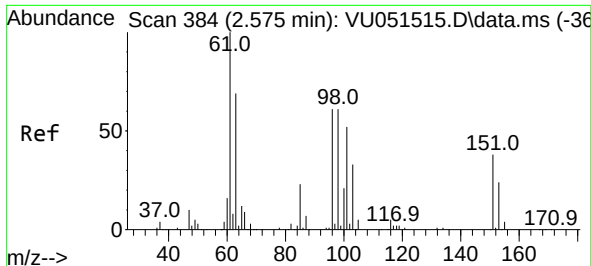
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.047 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU051519.D

Acq: 26 Oct 2022 22:43

Instrument :

MSVOA_U

ClientSampleId :

BHAE6

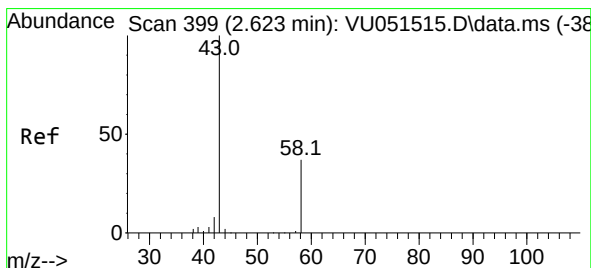
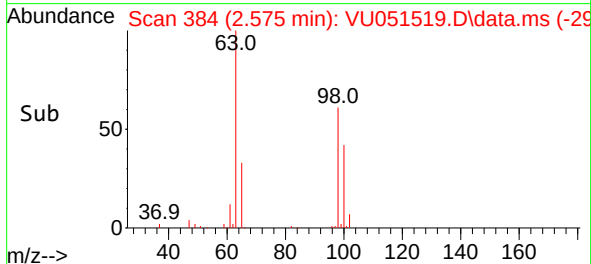
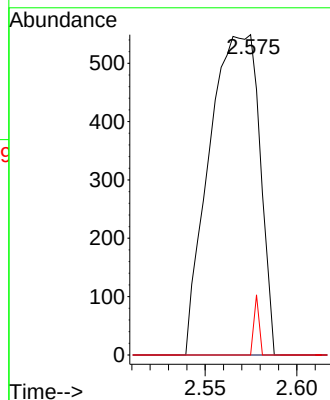
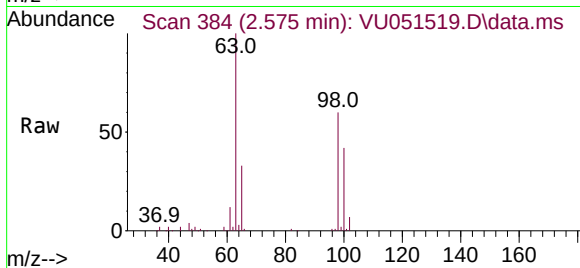
Tgt Ion:101 Resp: 1047

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 1.9 56.5 84.7#



#13

Acetone

Concen: 5.665 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051519.D

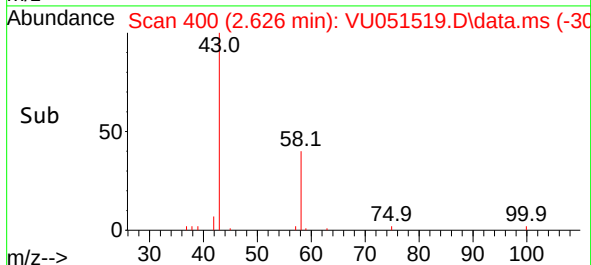
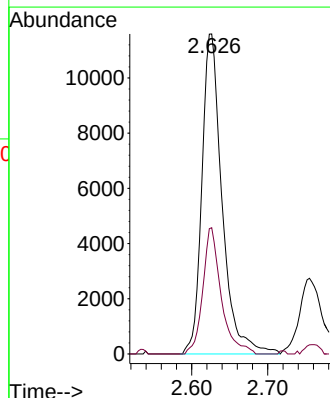
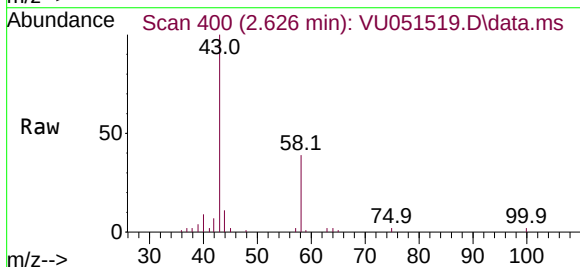
Acq: 26 Oct 2022 22:43

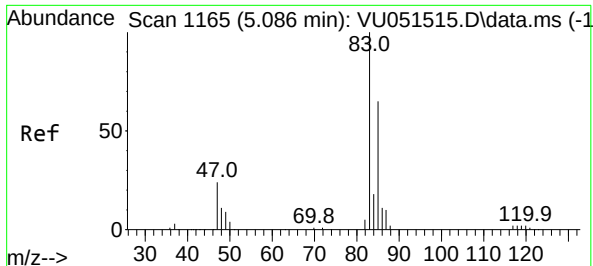
Tgt Ion: 43 Resp: 21445

Ion Ratio Lower Upper

43 100

58 35.9 0.0 68.8





#25

Chloroform

Concen: 1.473 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051519.D

Acq: 26 Oct 2022 22:43

Instrument :

MSVOA_U

ClientSampleId :

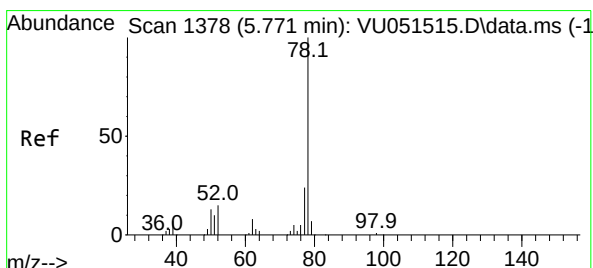
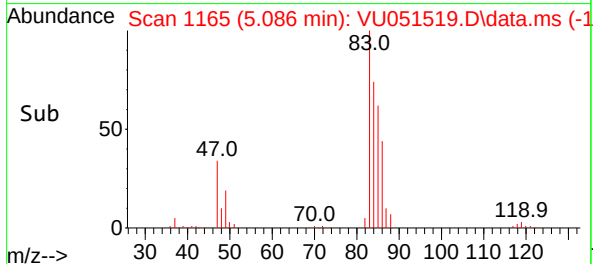
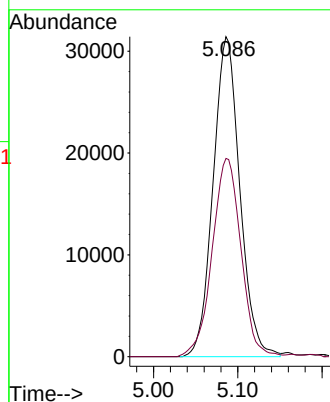
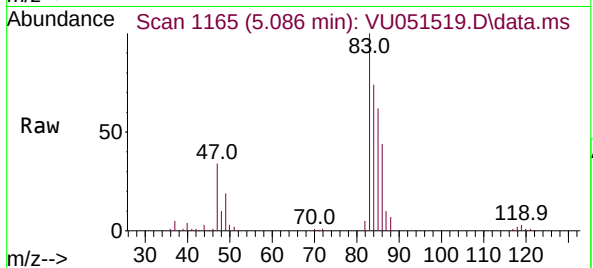
BHAE6

Tgt Ion: 83 Resp: 69234

Ion Ratio Lower Upper

83 100

85 62.0 45.6 84.6



#33

Benzene

Concen: 0.844 ug/L

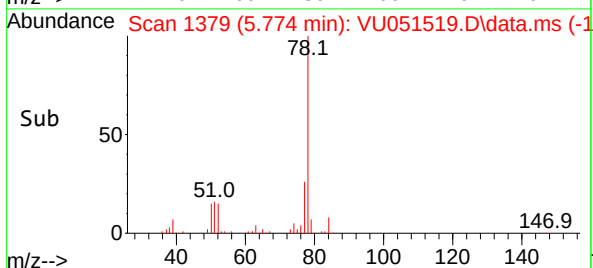
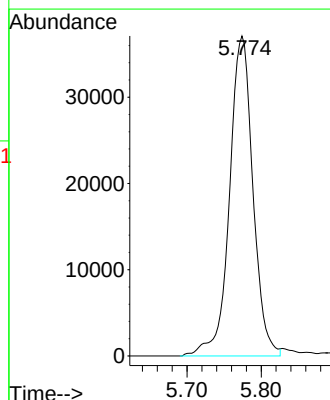
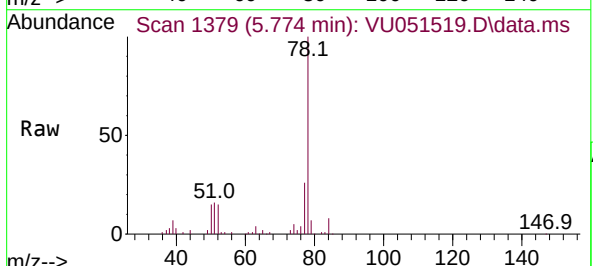
RT: 5.774 min Scan# 1379

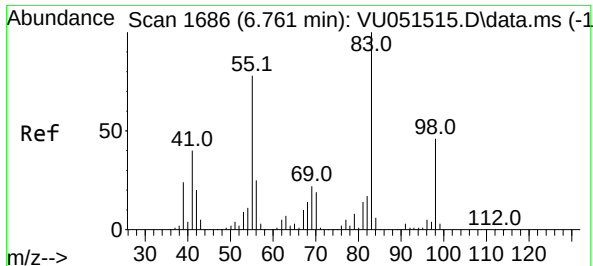
Delta R.T. 0.003 min

Lab File: VU051519.D

Acq: 26 Oct 2022 22:43

Tgt Ion: 78 Resp: 81485





#35

Methylcyclohexane

Concen: 0.950 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051519.D

Acq: 26 Oct 2022 22:43

Instrument :

MSVOA_U

ClientSampleId :

BHAE6

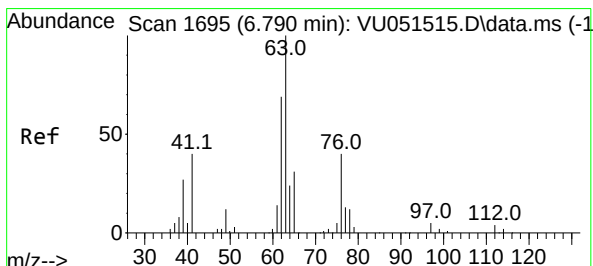
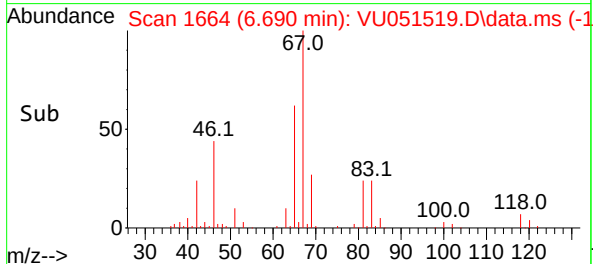
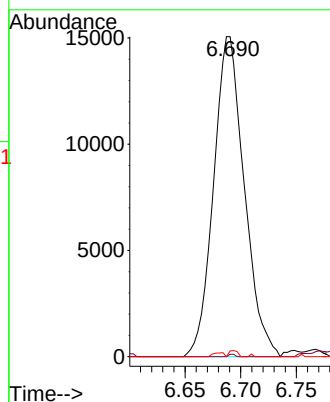
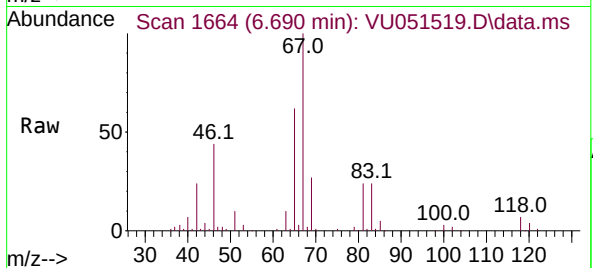
Tgt Ion: 83 Resp: 28862

Ion Ratio Lower Upper

83 100

55 0.1 65.8 98.6#

98 0.5 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.460 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051519.D

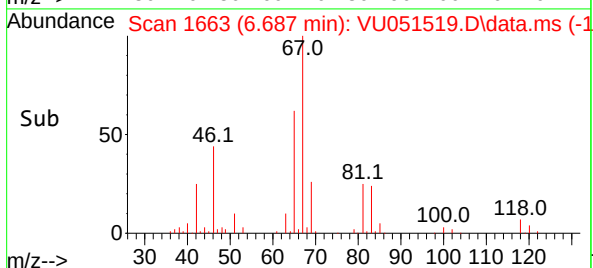
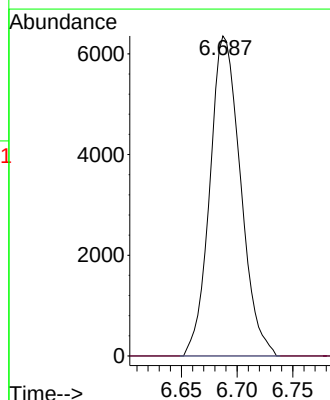
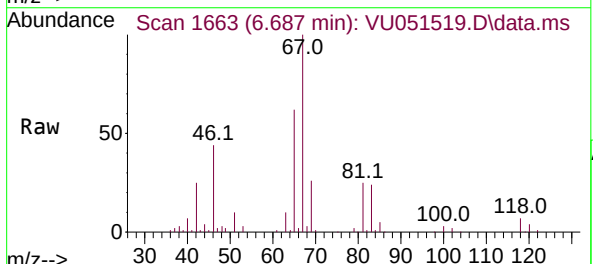
Acq: 26 Oct 2022 22:43

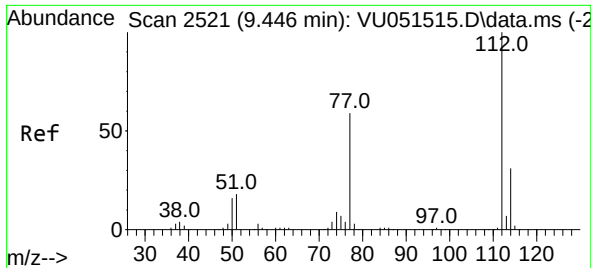
Tgt Ion: 63 Resp: 12178

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#

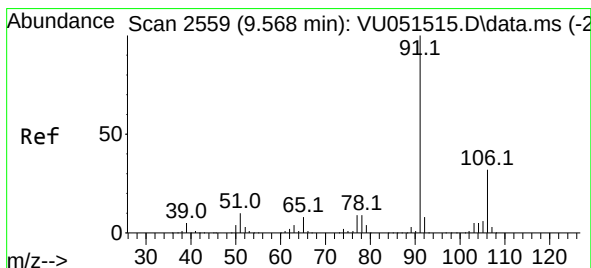
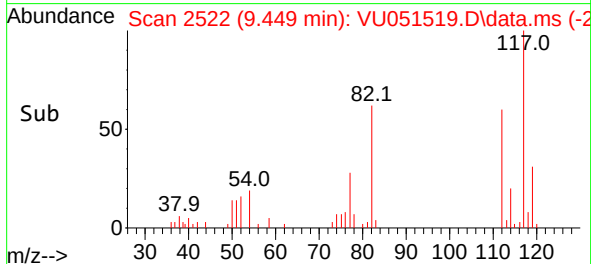
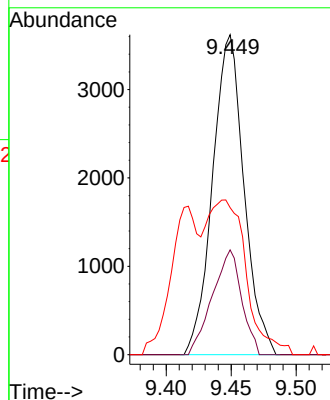
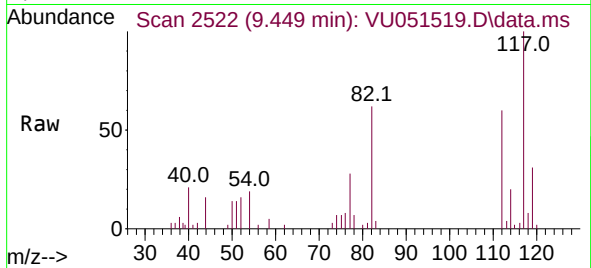




#51
Chlorobenzene
Concen: 0.099 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051519.D
Acq: 26 Oct 2022 22:43

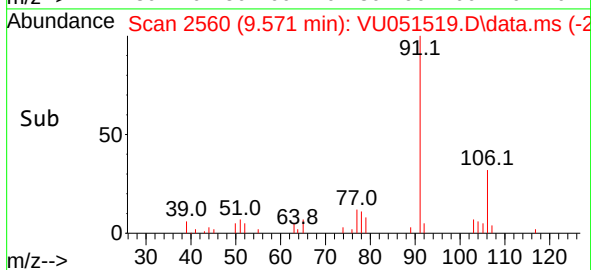
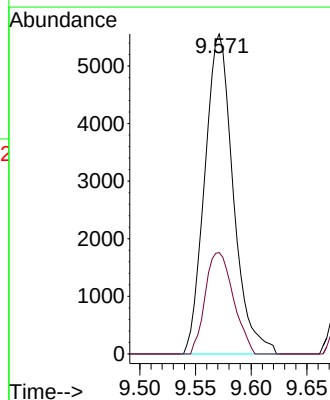
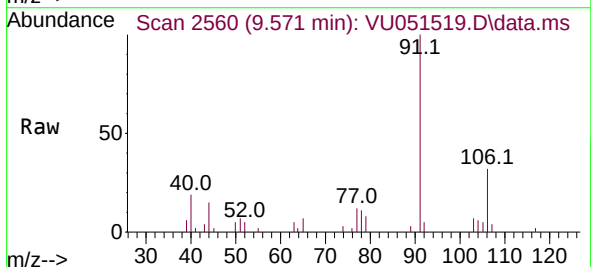
Instrument :
MSVOA_U
ClientSampleId :
BHA6

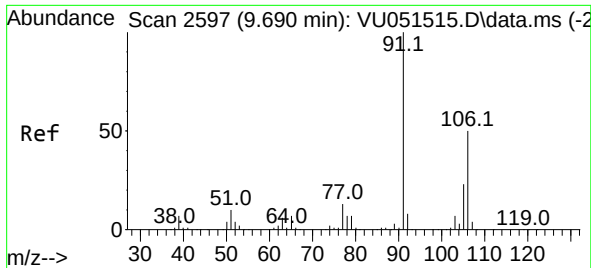
Tgt Ion:112 Resp: 6079
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 45.9 48.1 72.1#



#52
Ethylbenzene
Concen: 0.107 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051519.D
Acq: 26 Oct 2022 22:43

Tgt Ion: 91 Resp: 9895
Ion Ratio Lower Upper
91 100
106 31.7 20.9 38.7

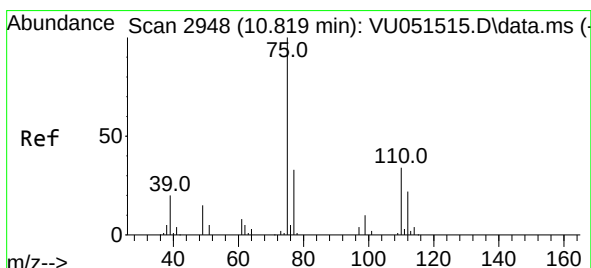
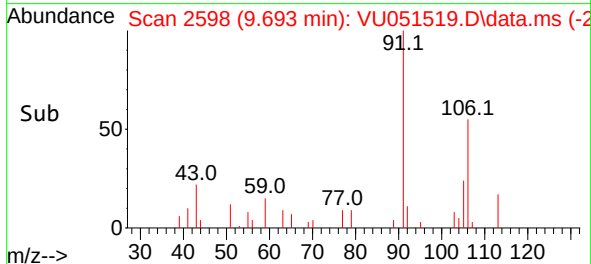
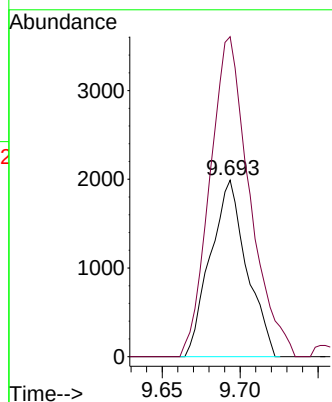
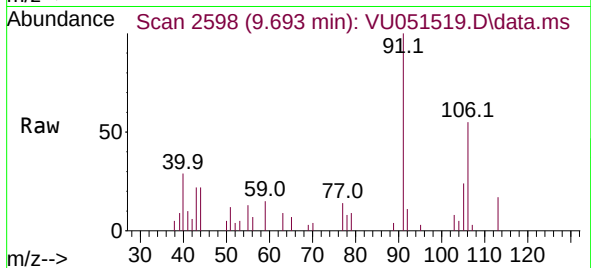




#53
m,p-Xylene
Concen: 0.090 ug/L
RT: 9.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051519.D
Acq: 26 Oct 2022 22:43

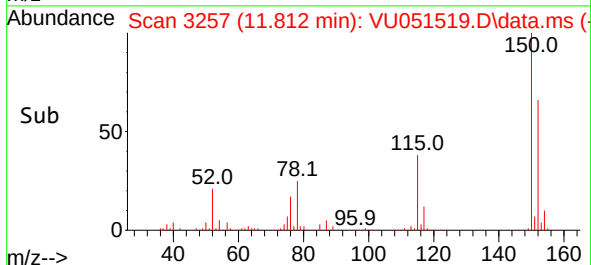
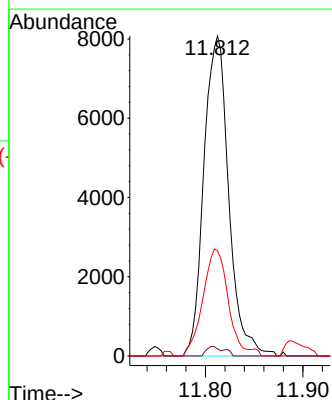
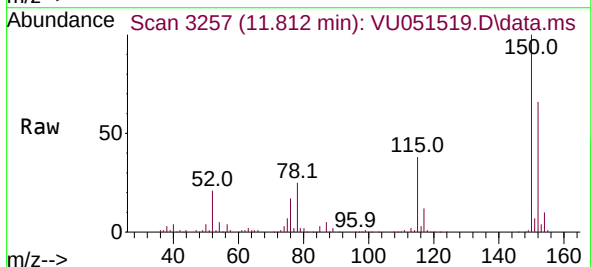
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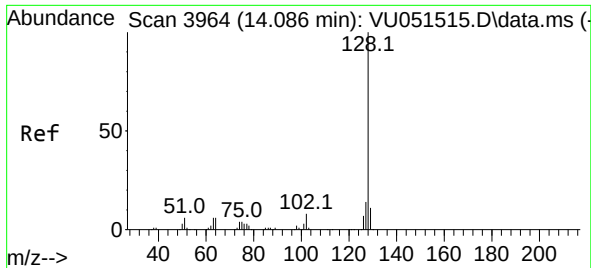
Tgt Ion:106 Resp: 3221
Ion Ratio Lower Upper
106 100
91 181.3 143.9 267.3



#61
1,2,3-Trichloropropane
Concen: 0.935 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.994 min
Lab File: VU051519.D
Acq: 26 Oct 2022 22:43

Tgt Ion: 75 Resp: 14297
Ion Ratio Lower Upper
75 100
110 2.1 27.0 40.6#
77 34.3 26.4 39.6





#71

Naphthalene

Concen: 3.011 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU051519.D

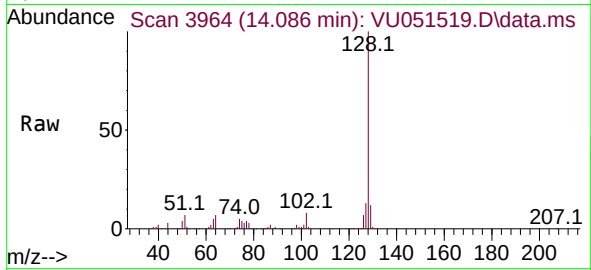
Acq: 26 Oct 2022 22:43

Instrument :

MSVOA_U

ClientSampleId :

BHAE6



Tgt Ion:128 Resp: 104051

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 13.3 11.1 16.7

