

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051523.D
 Acq On : 27 Oct 2022 00:25
 Operator : JC/MD
 Sample : N5300-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE7

Quant Time: Oct 27 08:25:35 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)

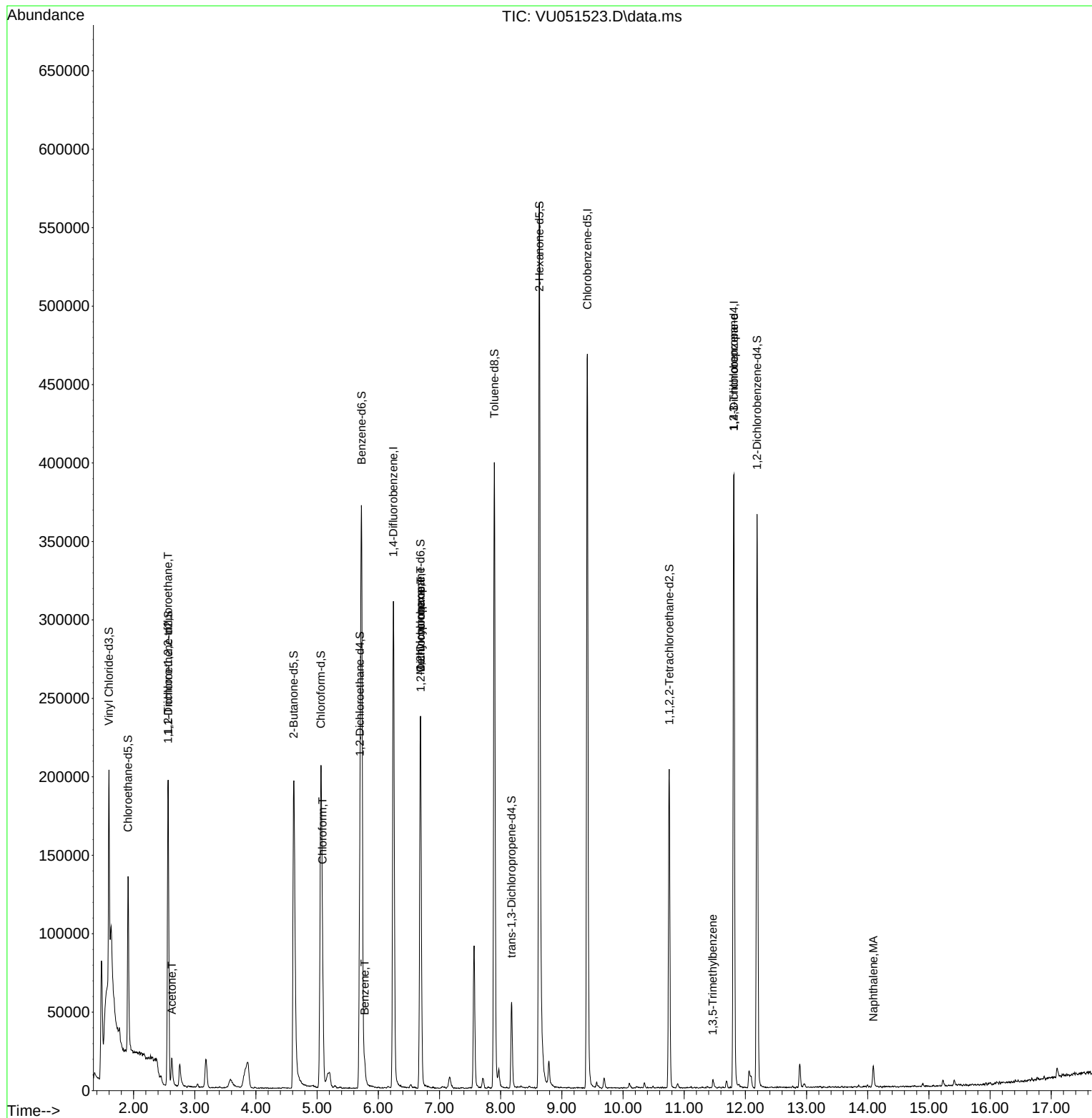
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	261076	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	271621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100118	4.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.909	69	88663	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.565	65	37120	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.616	46	270209	58.277	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.560%
24) Chloroform-d	5.060	84	181325	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.700	65	97722	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.726	84	355704	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.690	67	118132	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	280960	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.179	79	32124	3.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.632	63	190773	67.892	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.780%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	104563	5.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	99020	5.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1146	0.056	ug/L #	21
13) Acetone	2.626	43	18833	5.416	ug/L	98
25) Chloroform	5.086	83	61362	1.421	ug/L	99
33) Benzene	5.777	78	12861	0.142	ug/L	100
35) Methylcyclohexane	6.687	83	27845	0.976	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	11867	0.477	ug/L #	90
61) 1,2,3-Trichloropropane	11.809	75	13883	1.011	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.468	105	2977	0.163	ug/L	93
71) Naphthalene	14.092	128	13016	0.420	ug/L	96

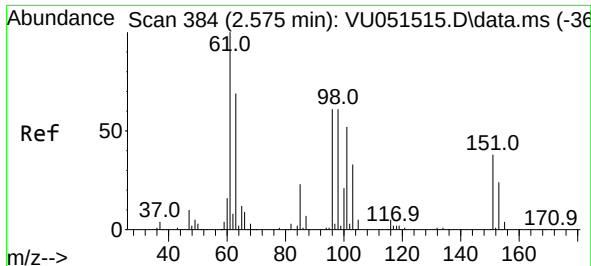
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.056 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU051523.D

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Instrument :

MSVOA_U

ClientSampleId :

BHAE7

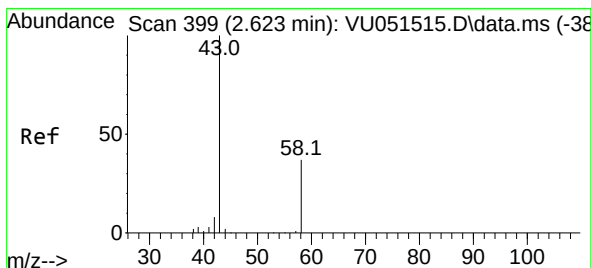
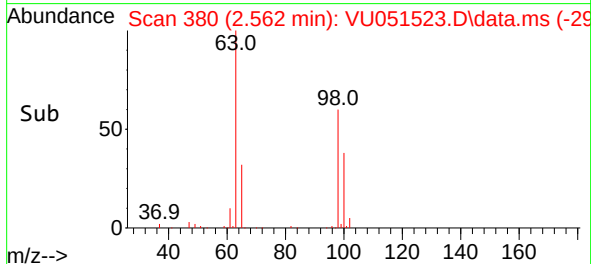
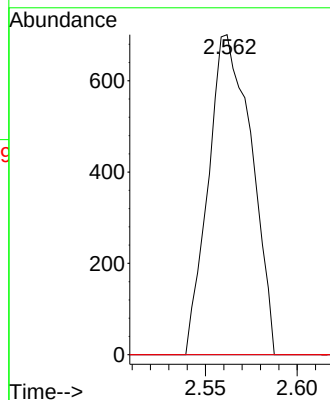
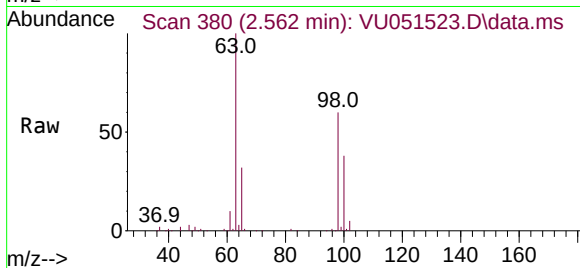
Tgt Ion:101 Resp: 1146

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.5 84.7#



#13

Acetone

Concen: 5.416 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051523.D

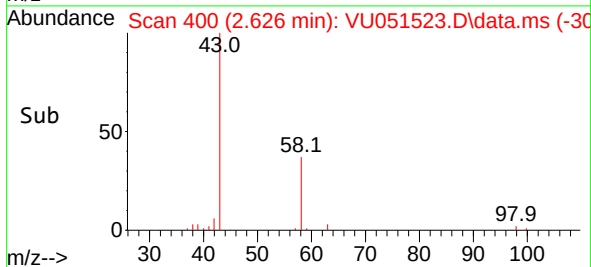
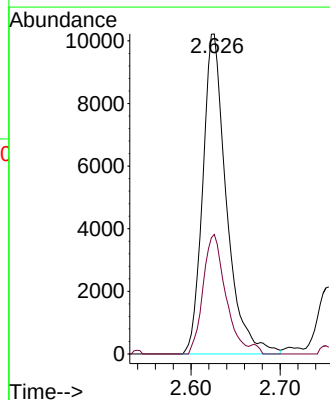
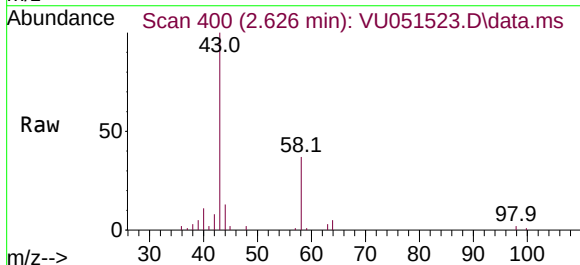
Acq: 27 Oct 2022 00:25

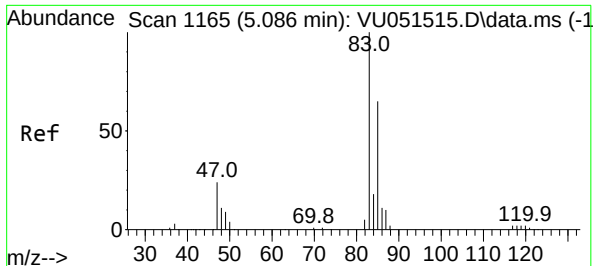
Tgt Ion: 43 Resp: 18833

Ion Ratio Lower Upper

43 100

58 35.4 0.0 68.8





#25

Chloroform

Concen: 1.421 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051523.D

Acq: 27 Oct 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

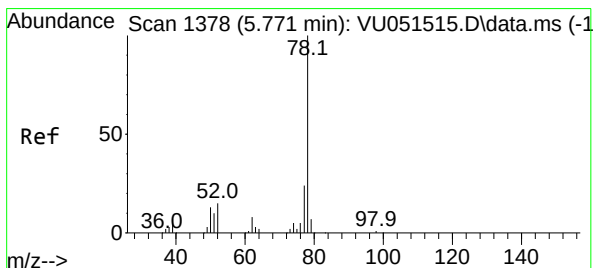
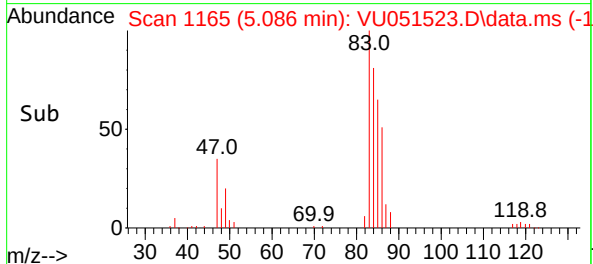
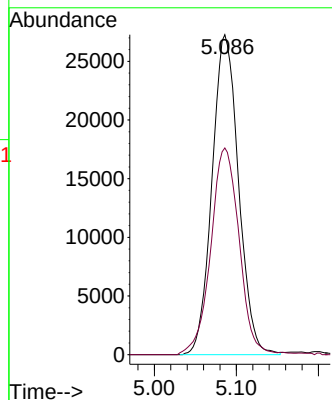
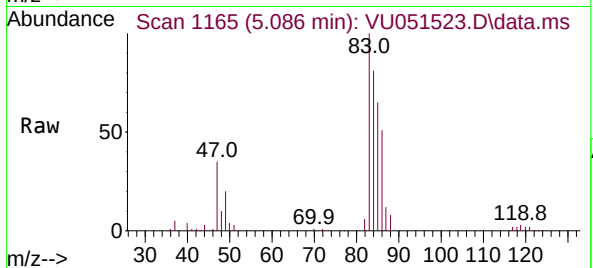
BHAE7

Tgt Ion: 83 Resp: 61362

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.6



#33

Benzene

Concen: 0.142 ug/L

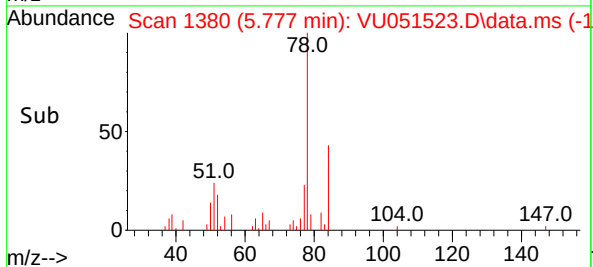
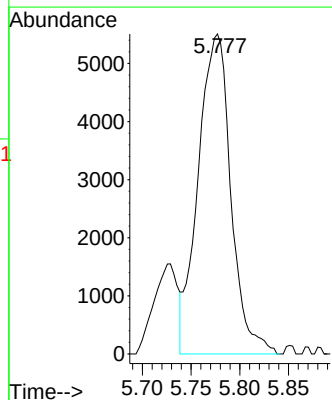
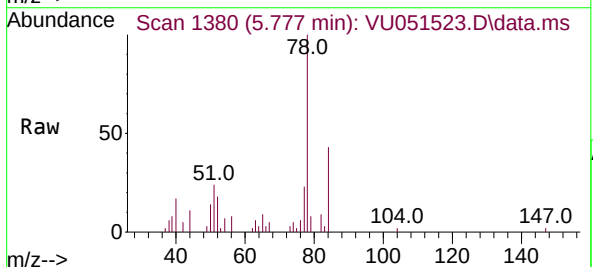
RT: 5.777 min Scan# 1380

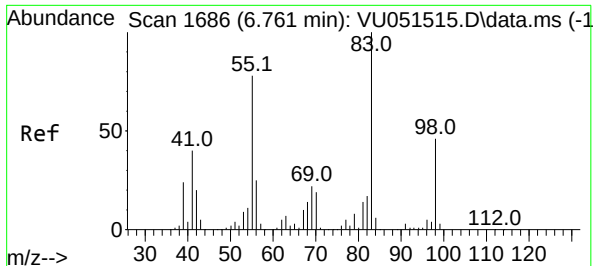
Delta R.T. 0.006 min

Lab File: VU051523.D

Acq: 27 Oct 2022 00:25

Tgt Ion: 78 Resp: 12861





#35

Methylcyclohexane

Concen: 0.976 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051523.D

Acq: 27 Oct 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

BHAE7

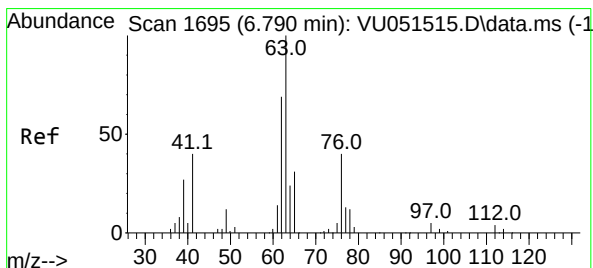
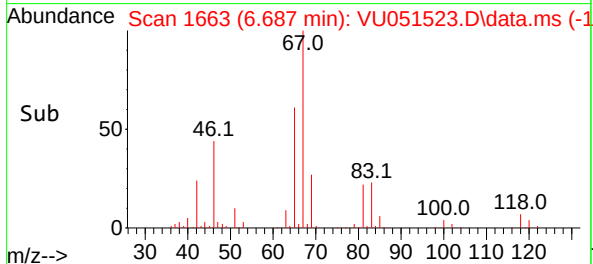
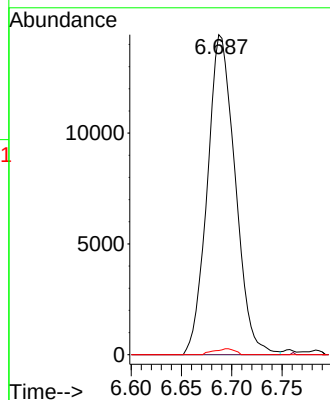
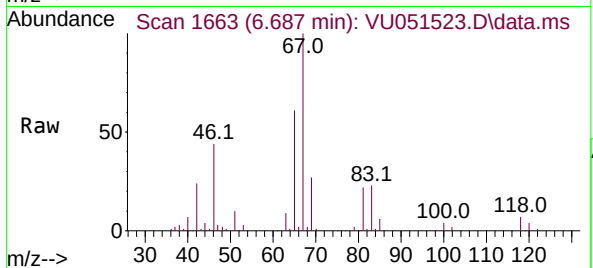
Tgt Ion: 83 Resp: 27845

Ion Ratio Lower Upper

83 100

55 0.1 65.8 98.6#

98 1.4 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.477 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.097 min

Lab File: VU051523.D

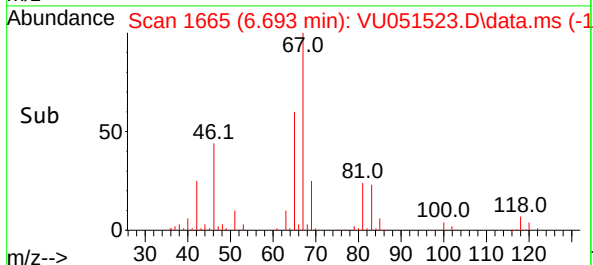
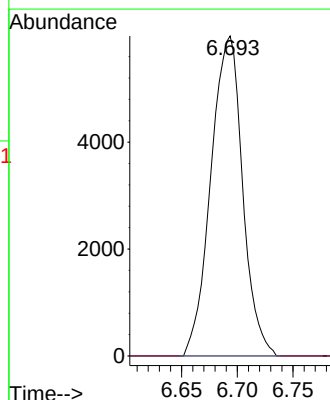
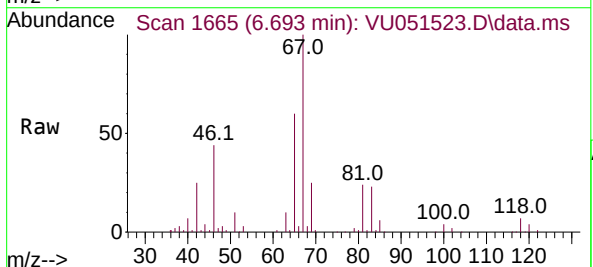
Acq: 27 Oct 2022 00:25

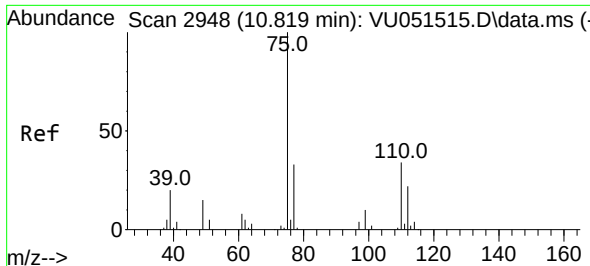
Tgt Ion: 63 Resp: 11867

Ion Ratio Lower Upper

63 100

112 0.7 3.2 4.8#

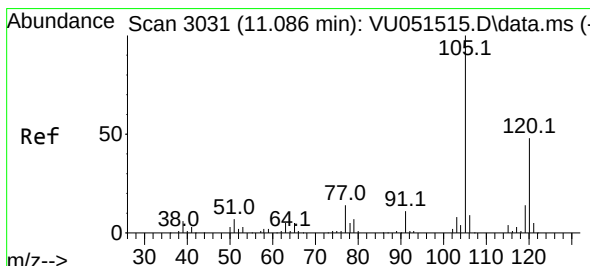
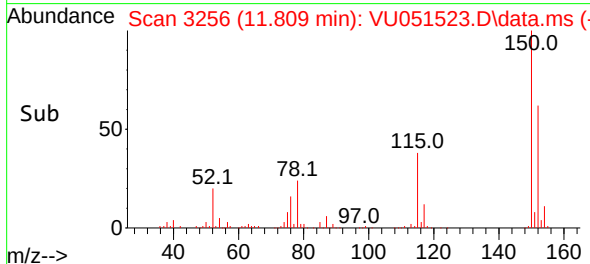
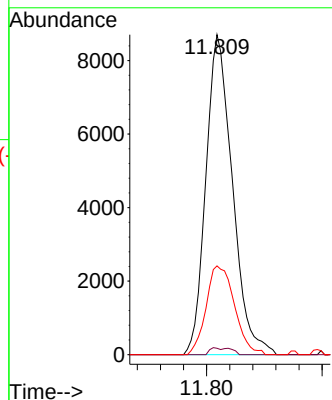
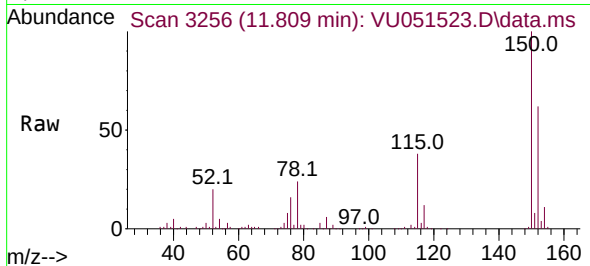




#61
1,2,3-Trichloropropane
Concen: 1.011 ug/L
RT: 11.809 min Scan# 3150
Delta R.T. 0.990 min
Lab File: VU051523.D
Acq: 27 Oct 2022 00:25

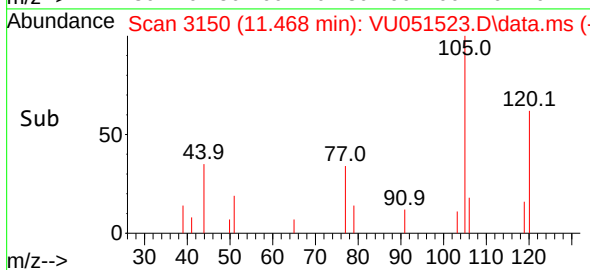
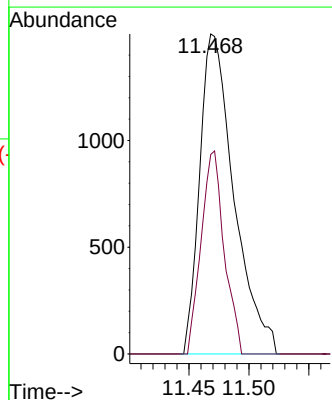
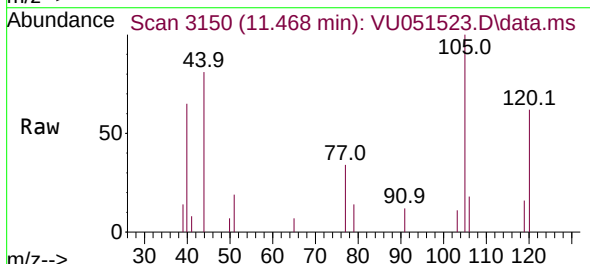
Instrument :
MSVOA_U
ClientSampleId :
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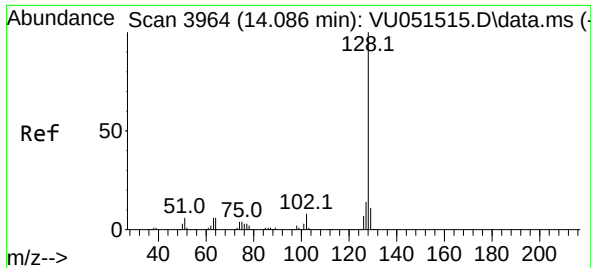
Tgt Ion: 75 Resp: 13883
Ion Ratio Lower Upper
75 100
110 0.9 27.0 40.6#
77 29.6 26.4 39.6



#62
1,3,5-Trimethylbenzene
Concen: 0.163 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.383 min
Lab File: VU051523.D
Acq: 27 Oct 2022 00:25

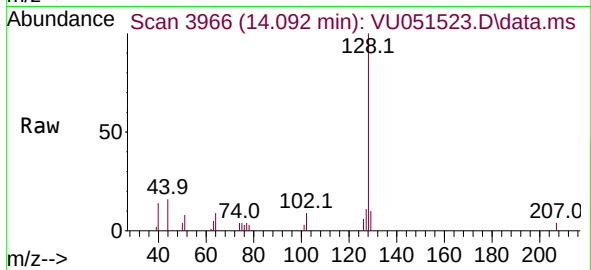
Tgt Ion: 105 Resp: 2977
Ion Ratio Lower Upper
105 100
120 42.6 37.7 56.5





#71
Naphthalene
Concen: 0.420 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051523.D
Acq: 27 Oct 2022 00:25

Instrument :
MSVOA_U
ClientSampleId :
BHA7



Tgt Ion:	128	Resp:	13016
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	11.2	11.1	16.7

