

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050115.D
 Acq On : 05 Aug 2022 23:40
 Operator : SY/MD
 Sample : N4022-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26452	3.739	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.900	69	23673	4.147	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.562	65	9062	3.277	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	65.600%	
20) 2-Butanone-d5	4.620	46	73618	42.669	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	85.340%	
24) Chloroform-d	5.063	84	57953	4.404	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.700	65	30735	4.549	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	91.000%	
32) Benzene-d6	5.726	84	113166	4.271	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.690	67	39710	4.552	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	91.000%	
41) Toluene-d8	7.899	98	90897	3.885	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.179	79	7475	2.391	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	47.800%#	
46) 2-Hexanone-d5	8.632	63	55227	49.813	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	99.620%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	34144	4.457	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	33641	4.810	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	96.200%	
Target Compounds						
5) Vinyl chloride	1.604	62	6015	0.659	ug/L #	20
8) Chloroethane	1.945	64	597	0.111	ug/L #	50
14) Carbon disulfide	2.787	76	8988	0.428	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	7134	0.977	ug/L	98
25) Chloroform	5.073	83	47	0.004	ug/L #	1
33) Benzene	5.777	78	4052	0.136	ug/L	100
34) Trichloroethene	6.542	95	4096	0.569	ug/L	96
35) Methylcyclohexane	6.690	83	9003	0.969	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	3835	0.484	ug/L #	89
52) Ethylbenzene	9.571	91	3185	0.109	ug/L	84
53) m,p-Xylene	9.693	106	4490	0.419	ug/L	97
54) o-Xylene	10.102	106	1303	0.122	ug/L	83
61) 1,2,3-Trichloropropane	11.812	75	4474	0.920	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.086	105	487	0.072	ug/L	95
63) 1,2,4-Trimethylbenzene	11.468	105	2559	0.139	ug/L	87

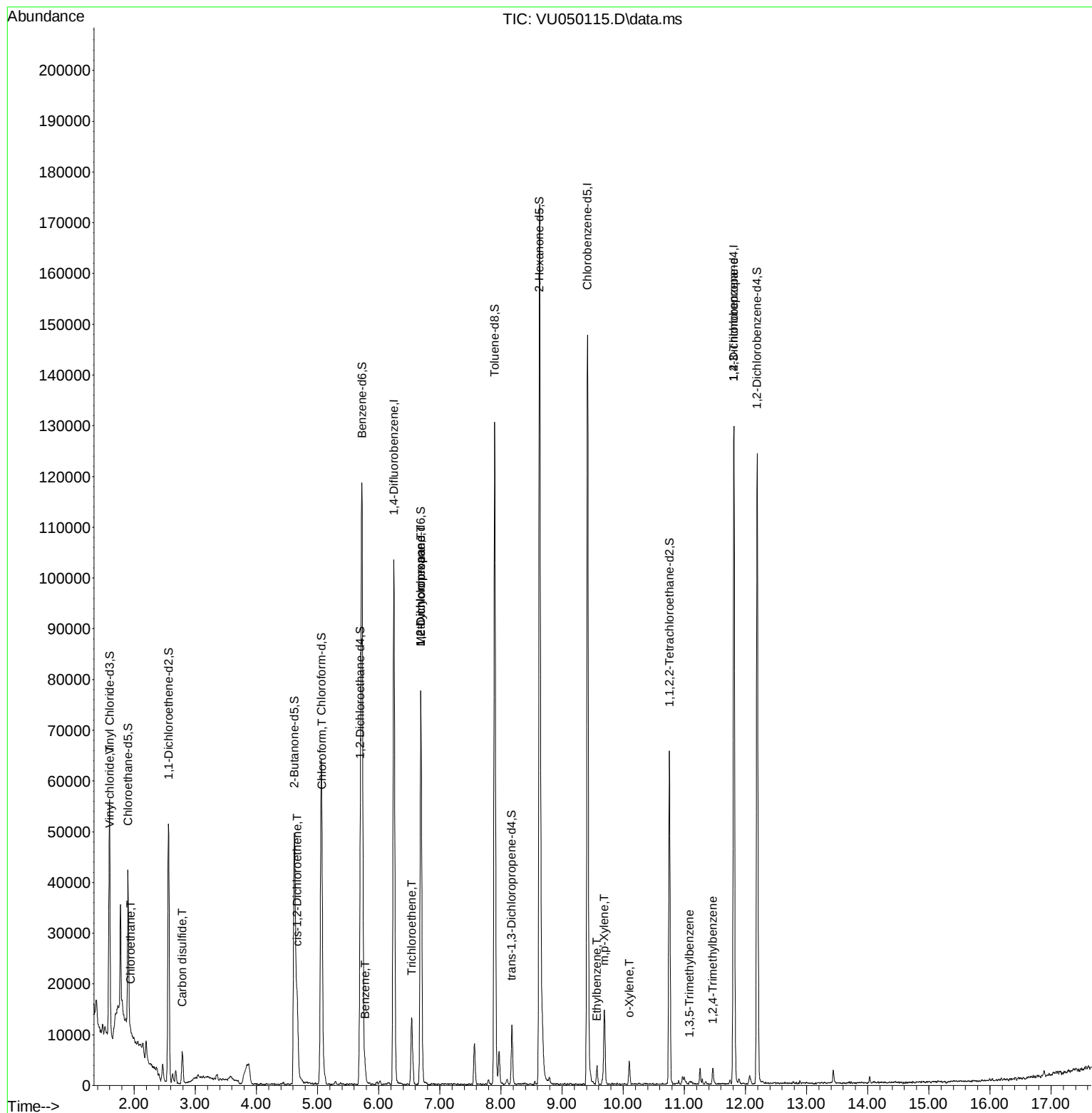
(#) = qualifier out of range (m) = manual integration (+) = signals summed

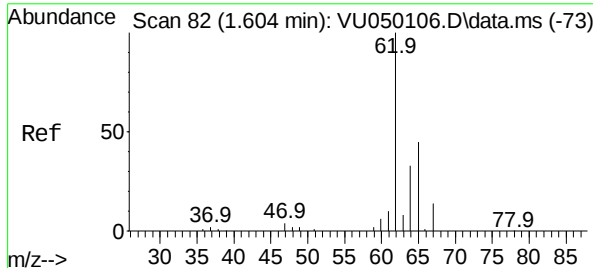
Instrument :
MSVOA_U
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





Vinyl chloride

Concen: 0.659 ug/L

RT: 1.604 min Scan# 188

Delta R.T. 0.000 min

Lab File: VU050115.D

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Instrument :

MSVOA_U

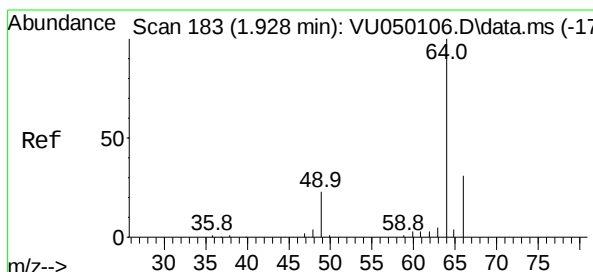
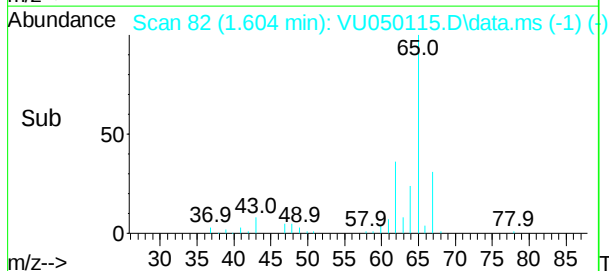
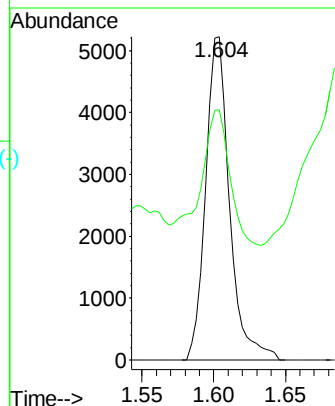
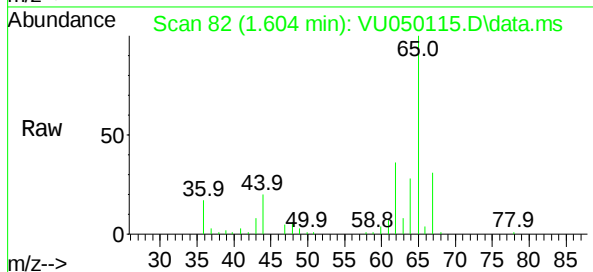
ClientSampleId :

Tgt Ion: 62 Resp: 6015

Ion Ratio Lower Upper

62 100

64 77.5 22.8 42.4#



Chloroethane

Concen: 0.111 ug/L

RT: 1.945 min Scan# 188

Delta R.T. 0.016 min

Lab File: VU050115.D

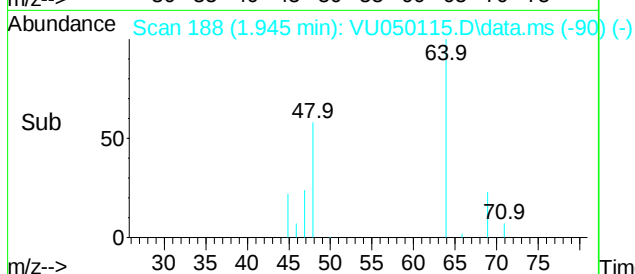
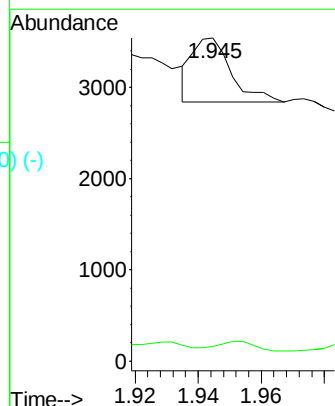
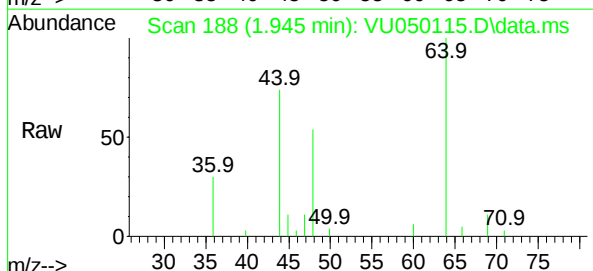
Acq: 05 Aug 2022 23:40

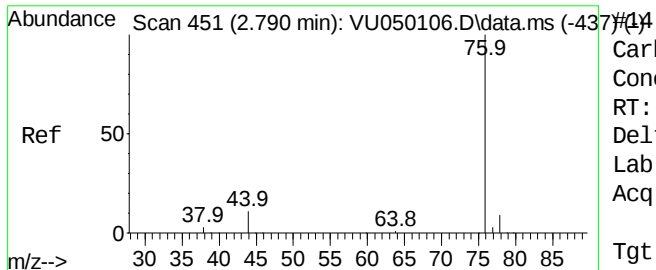
Tgt Ion: 64 Resp: 597

Ion Ratio Lower Upper

64 100

66 4.5 22.8 42.4#





Carbon disulfide

Concen: 0.428 ug/L

RT: 2.787 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

Instrument :

MSVOA_U

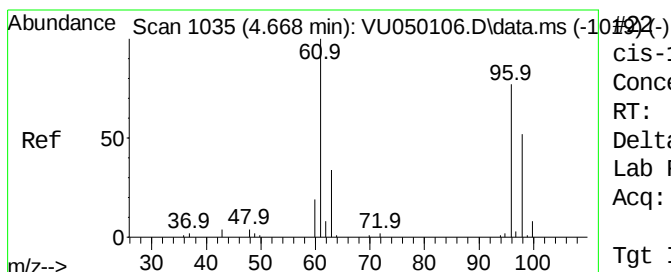
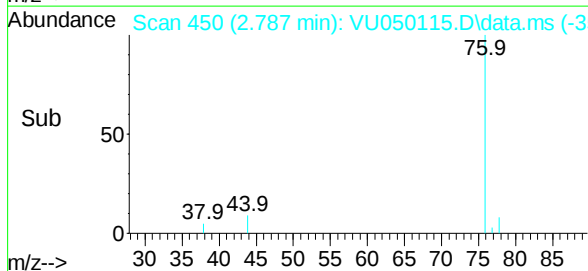
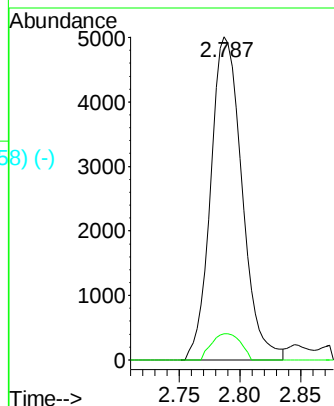
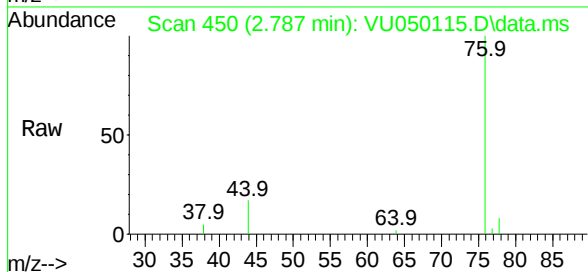
ClientSampleId :

Tgt Ion: 76 Resp: 8988

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.0



cis-1,2-Dichloroethene

Concen: 0.977 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

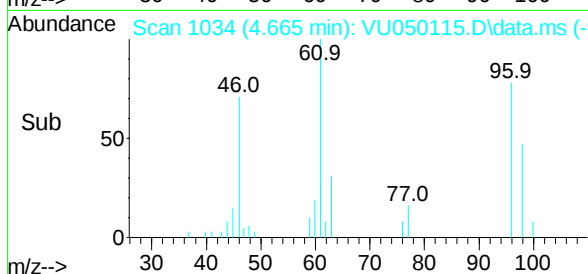
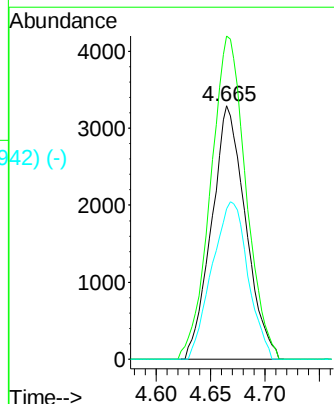
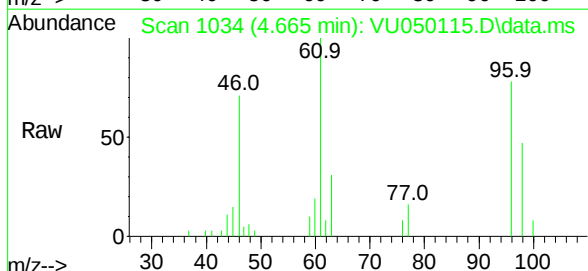
Tgt Ion: 96 Resp: 7134

Ion Ratio Lower Upper

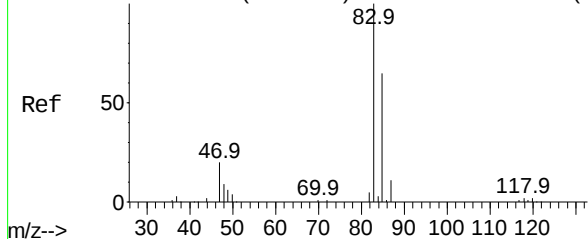
96 100

61 127.5 89.0 165.4

98 59.4 45.2 84.0



Abundance Scan 1166 (5.089 min): VU050106.D\data.ms (-11525-)



Chloroform

Concen: 0.004 ug/L

RT: 5.073 min Scan# 1166

Delta R.T. -0.016 min

Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

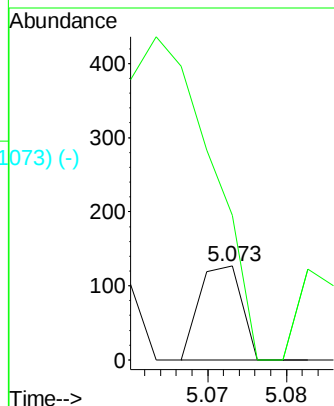
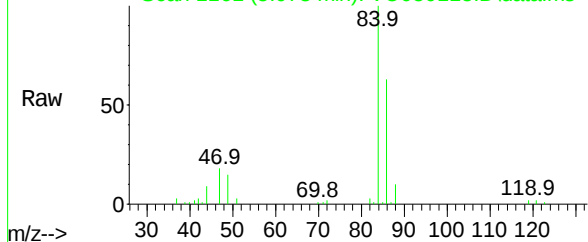
Tgt Ion: 83 Resp: 47

Ion Ratio Lower Upper

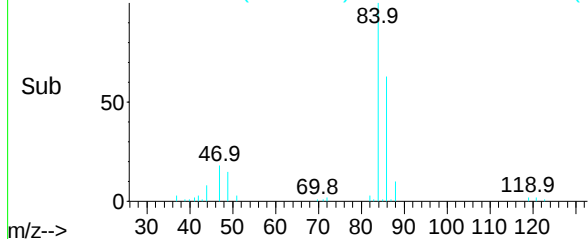
83 100

85 153.5 46.1 85.5#

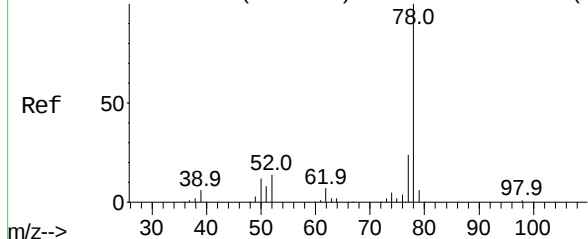
Abundance Scan 1161 (5.073 min): VU050115.D\data.ms



Abundance Scan 1161 (5.073 min): VU050115.D\data.ms (-1073) (-)



Abundance Scan 1379 (5.774 min): VU050106.D\data.ms (-13563-)



Benzene

Concen: 0.136 ug/L

RT: 5.777 min Scan# 1380

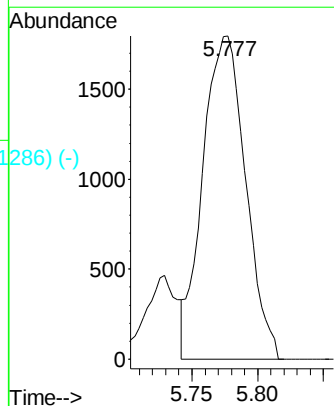
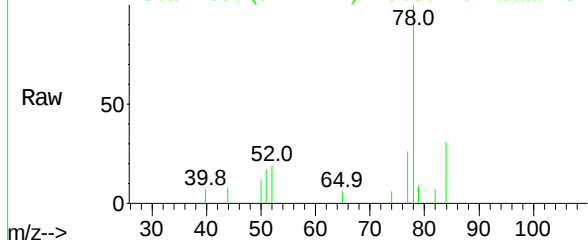
Delta R.T. 0.003 min

Lab File: VU050115.D

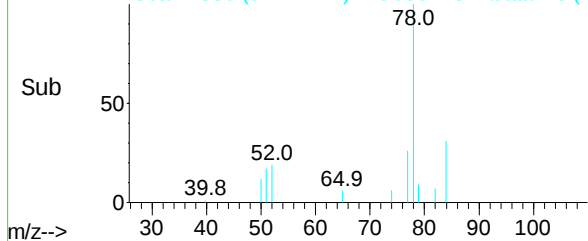
Acq: 05 Aug 2022 23:40

Tgt Ion: 78 Resp: 4052

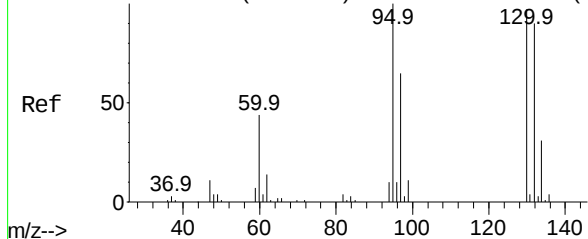
Abundance Scan 1380 (5.777 min): VU050115.D\data.ms



Abundance Scan 1380 (5.777 min): VU050115.D\data.ms (-1286) (-)



Abundance Scan 1618 (6.542 min): VU050106.D\data.ms (-16034-)



Trichloroethene

Concen: 0.569 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

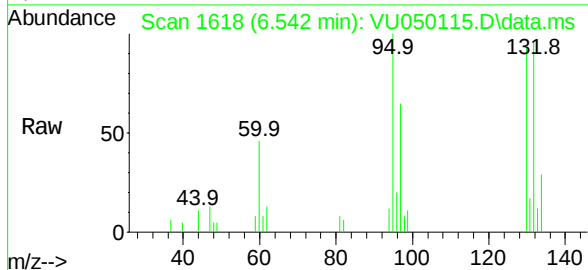
Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 4096

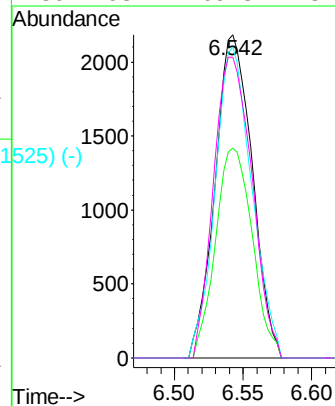
Ion Ratio Lower Upper

95 100

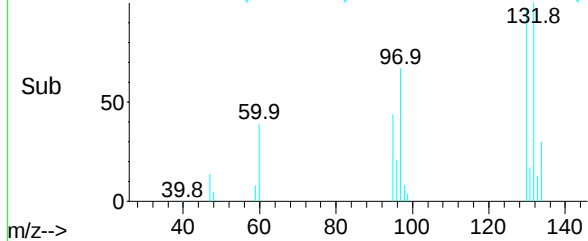
97 64.9 45.6 84.8

132 96.3 65.0 120.6

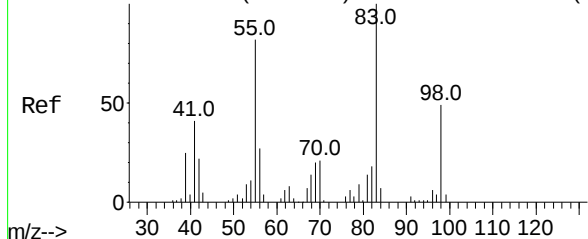
130 93.1 69.3 128.7



Abundance Scan 1618 (6.542 min): VU050115.D\data.ms (-1525-)



Abundance Scan 1687 (6.764 min): VU050106.D\data.ms (-16745-)



Methylcyclohexane

Concen: 0.969 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

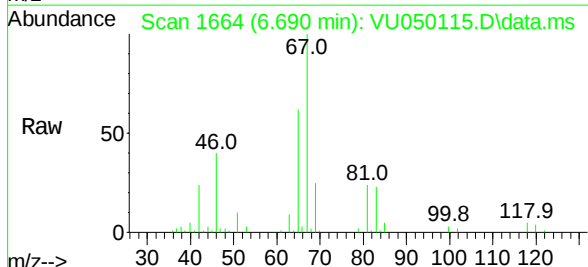
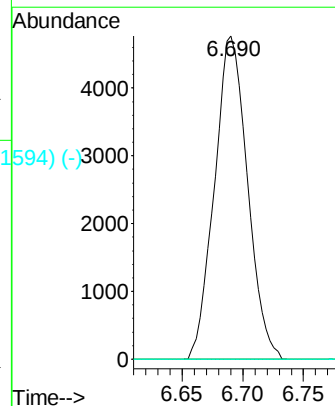
Tgt Ion: 83 Resp: 9003

Ion Ratio Lower Upper

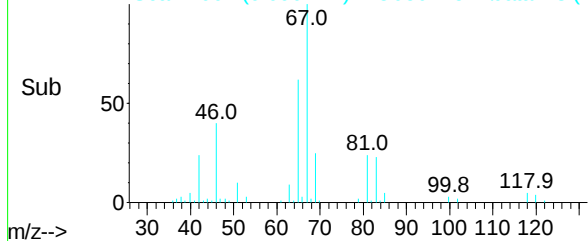
83 100

55 0.0 62.7 94.1#

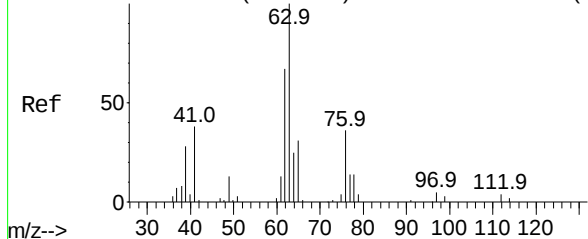
98 5.5 36.2 54.2#



Abundance Scan 1664 (6.690 min): VU050115.D\data.ms (-1594-)



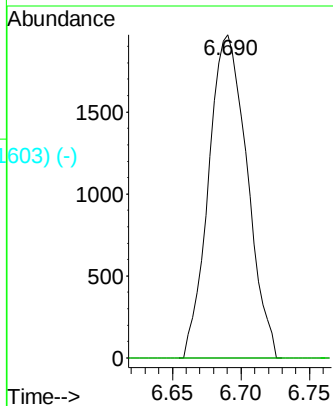
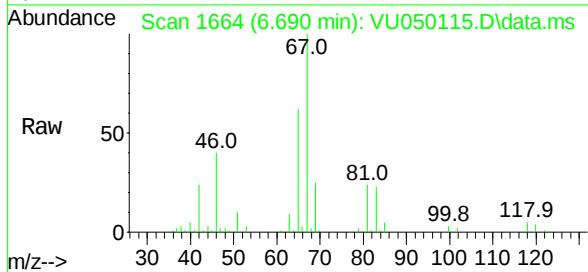
Abundance Scan 1696 (6.793 min): VU050106.D\data.ms (-16797-)



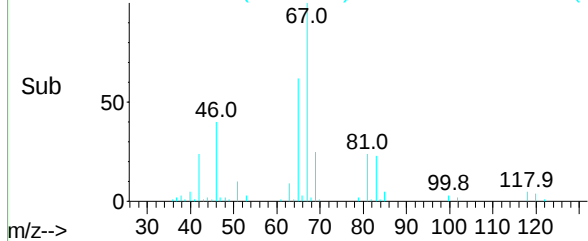
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.690 min Scan# 1696
Delta R.T. -0.103 min
Lab File: VU050115.D
Acq: 05 Aug 2022 23:40

Instrument :
MSVOA_U
ClientSampleId :

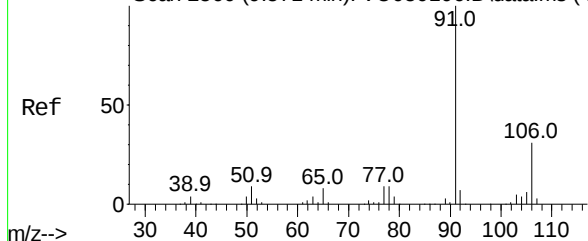
Tgt Ion: 63 Resp: 3835
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Scan 1664 (6.690 min): VU050115.D\data.ms (-1603-)

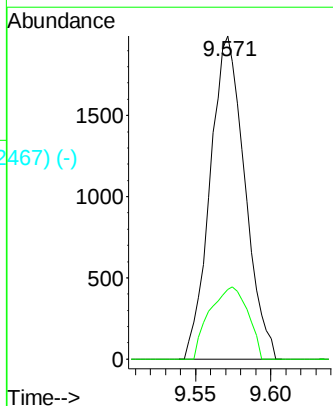
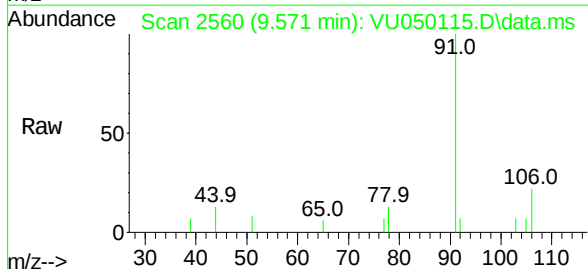


Abundance Scan 2560 (9.571 min): VU050106.D\data.ms (-25452-)

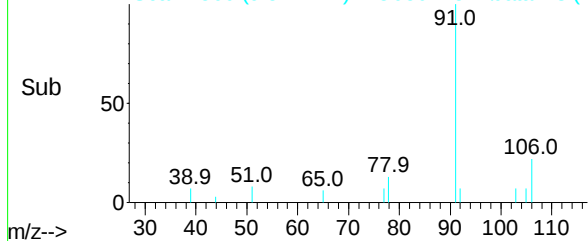


Ethylbenzene
Concen: 0.109 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050115.D
Acq: 05 Aug 2022 23:40

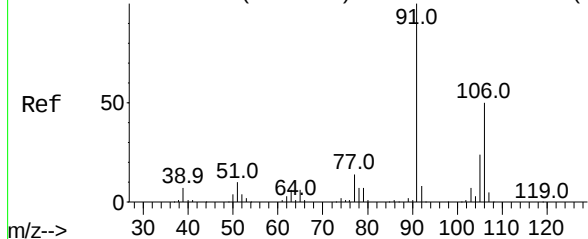
Tgt Ion: 91 Resp: 3185
Ion Ratio Lower Upper
91 100
106 21.5 21.3 39.5



Abundance Scan 2560 (9.571 min): VU050115.D\data.ms (-2467-)



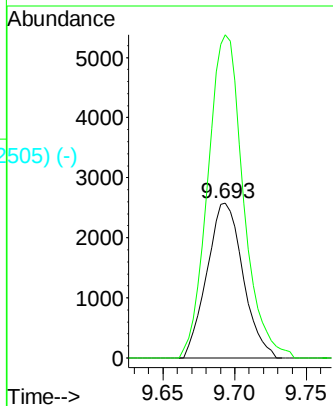
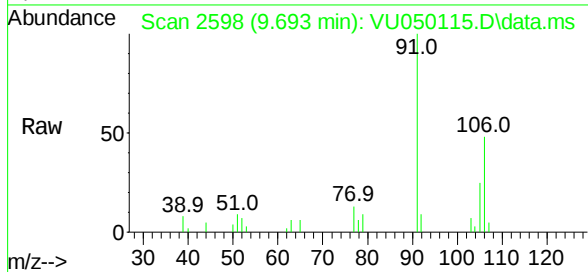
Abundance Scan 2598 (9.693 min): VU050106.D\data.ms (-2598) (-)



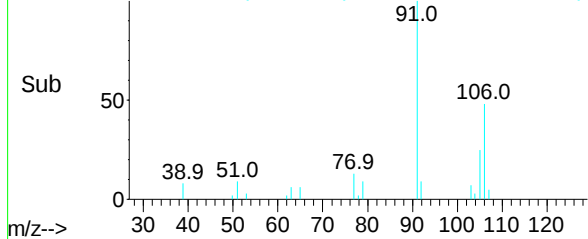
m,p-Xylene
Concen: 0.419 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050115.D
Acq: 05 Aug 2022 23:40

Instrument :
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ClientSampleId :

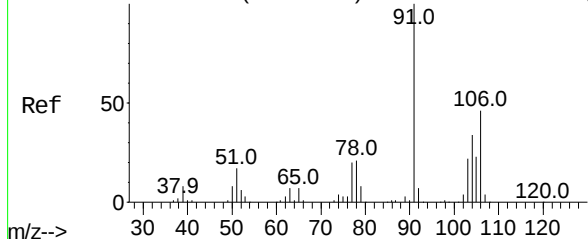
Tgt Ion:106 Resp: 4490
Ion Ratio Lower Upper
106 100
91 208.4 143.1 265.9



Abundance Scan 2598 (9.693 min): VU050115.D\data.ms (-2505) (-)

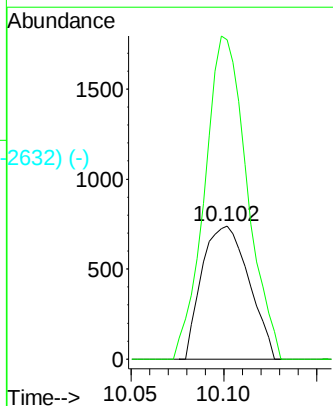
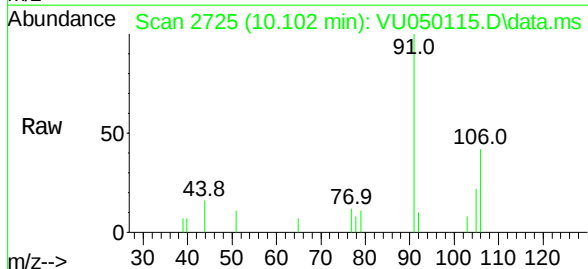


Abundance Scan 2725 (10.102 min): VU050106.D\data.ms (-2725) (-)

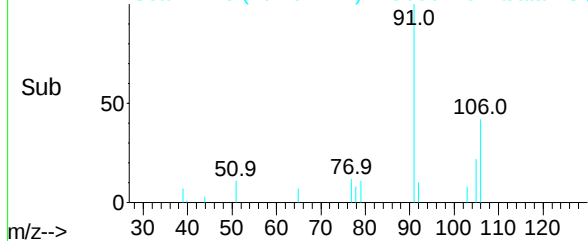


o-Xylene
Concen: 0.122 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050115.D
Acq: 05 Aug 2022 23:40

Tgt Ion:106 Resp: 1303
Ion Ratio Lower Upper
106 100
91 239.9 149.4 277.4



Abundance Scan 2725 (10.102 min): VU050115.D\data.ms (-2632) (-)



Abundance Scan 2949 (10.822 min): VU050106.D\data.ms (-362) (-)

1,2,3-Trichloropropane

Concen: 0.920 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

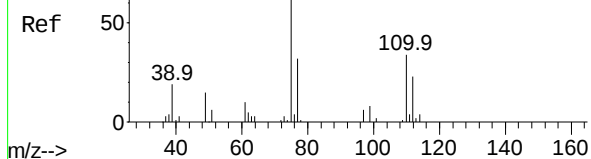
Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :



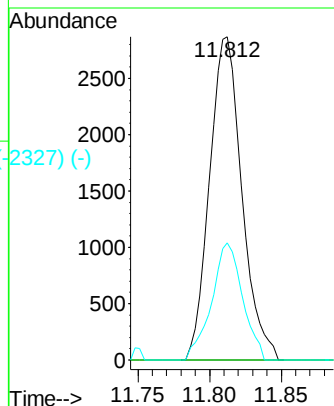
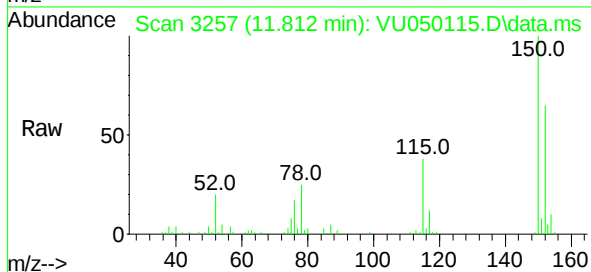
Tgt Ion: 75 Resp: 4474

Ion Ratio Lower Upper

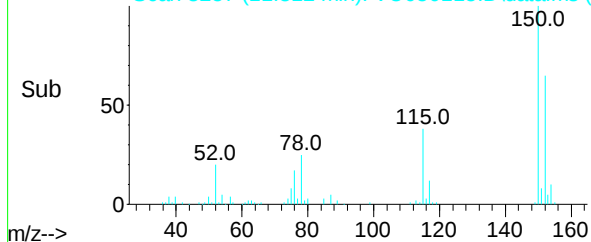
75 100

110 0.0 28.5 42.7#

77 34.7 25.8 38.6



Abundance Scan 3257 (11.812 min): VU050115.D\data.ms (-2327) (-)



Abundance Scan 3032 (11.089 min): VU050106.D\data.ms (-362) (-)

1,3,5-Trimethylbenzene

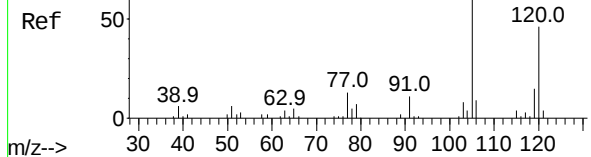
Concen: 0.072 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU050115.D

Acq: 05 Aug 2022 23:40

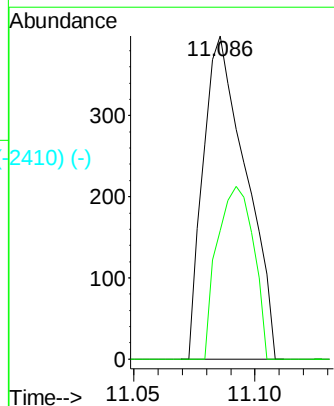
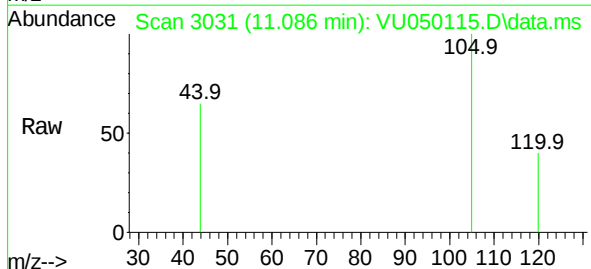


Tgt Ion: 105 Resp: 487

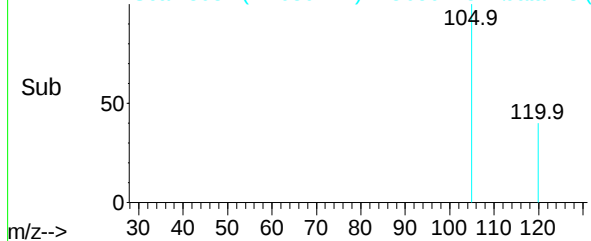
Ion Ratio Lower Upper

105 100

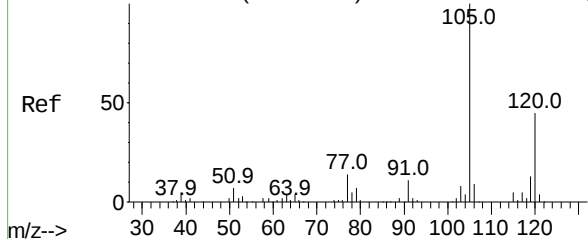
120 45.2 38.9 58.3



Abundance Scan 3031 (11.086 min): VU050115.D\data.ms (-2410) (-)



Abundance Scan 3150 (11.468 min): VU050106.D\data.ms (-3150) (-)



1,2,4-Trimethylbenzene

Concen: 0.139 ug/L

RT: 11.468 min Scan#

Delta R.T. 0.000 min

Lab File: VU050115.D

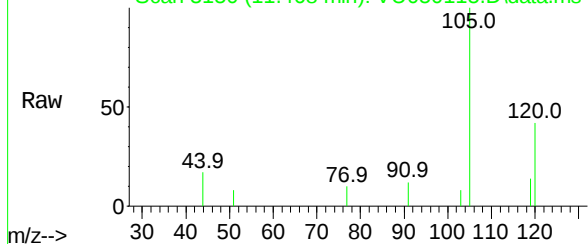
Acq: 05 Aug 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

Abundance Scan 3150 (11.468 min): VU050115.D\data.ms

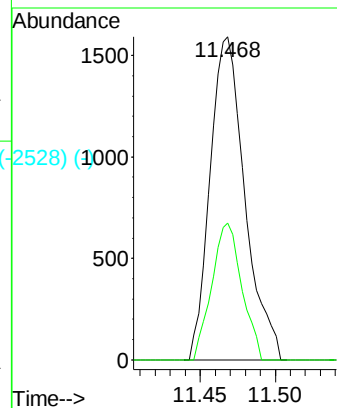


Tgt Ion:105 Resp: 2559

Ion Ratio Lower Upper

105 100

120 36.5 35.9 53.9



Abundance Scan 3150 (11.468 min): VU050115.D\data.ms (-2528) (-)

