

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045792.D
 Acq On : 15 Nov 2021 15:03
 Operator : SY/MD
 Sample : VU1115WBL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK032

Quant Time: Nov 16 03:10:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

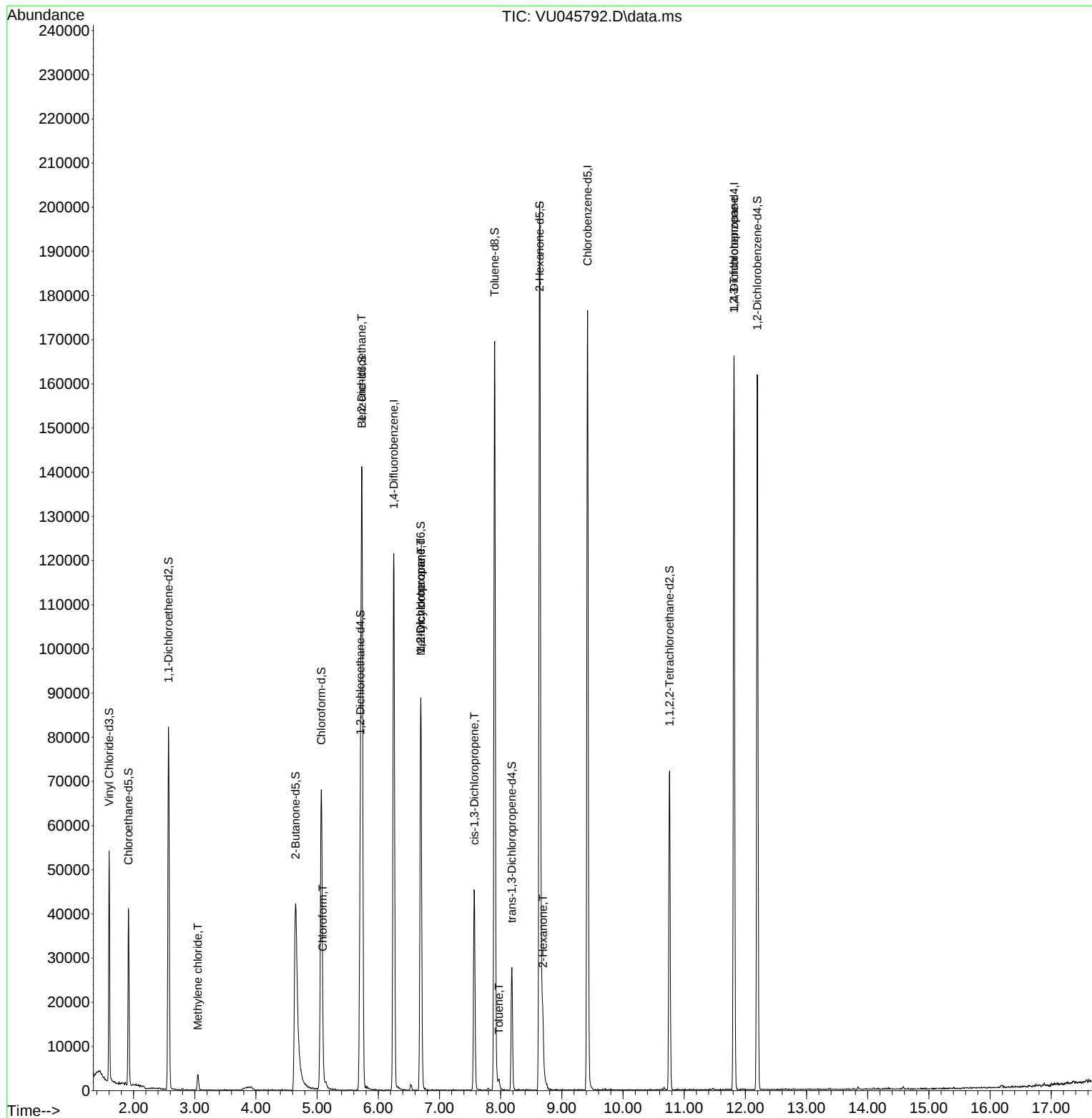
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97073	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36117	4.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.916	69	28907	5.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.572	65	15919	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.649	46	102521	49.742	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.480%
24) Chloroform-d	5.070	84	62283	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.707	65	37307	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.732	84	133660	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.694	67	42078	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.903	98	115270	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.182	79	16680	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.636	63	74663	48.047	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.100%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	35727	4.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41028	5.580	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.051	84	1667	0.188	ug/L	97
25) Chloroform	5.092	83	3259	0.249	ug/L	93
27) 1,2-Dichloroethane	5.729	62	770	0.092	ug/L #	73
35) Methylcyclohexane	6.697	83	9851	0.910	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4342	0.603	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1135	0.111	ug/L	88
42) Toluene	7.973	91	1819	0.064	ug/L	98
48) 2-Hexanone	8.690	43	8289	2.431	ug/L #	93
61) 1,2,3-Trichloropropane	11.812	75	5565	1.252	ug/L #	67

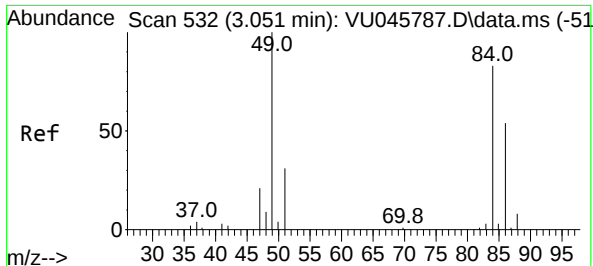
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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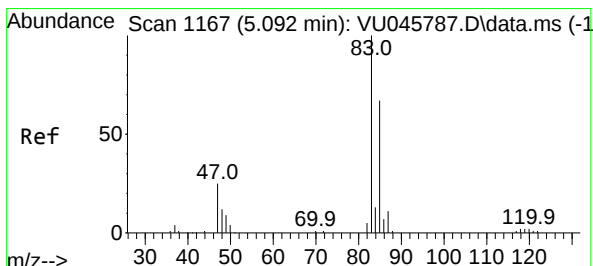
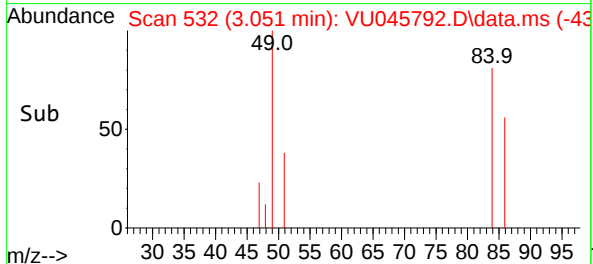
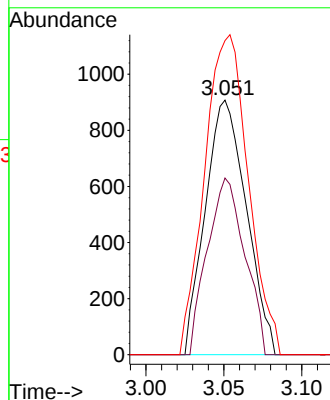
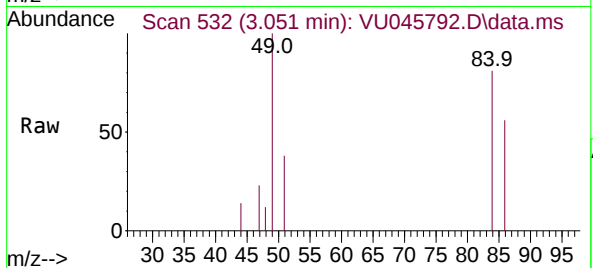




#16
Methylene chloride
Concen: 0.188 ug/L
RT: 3.051 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045792.D
Acq: 15 Nov 2021 15:03

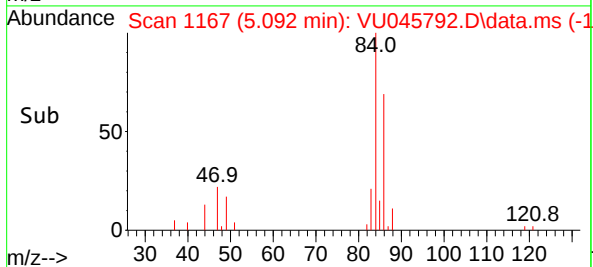
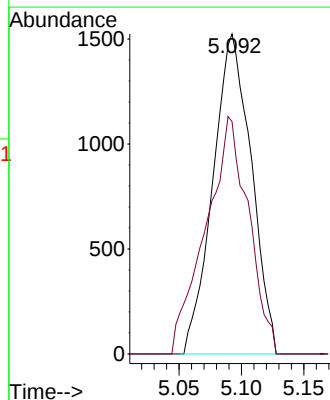
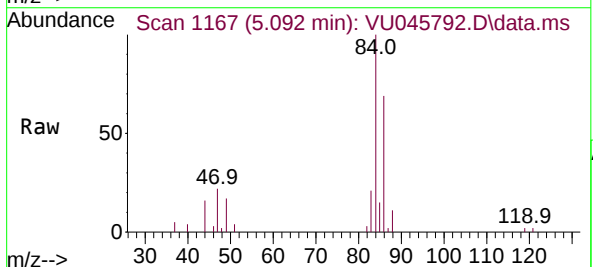
Instrument :
MSVOA_U
ClientSampleId :
VBLK032

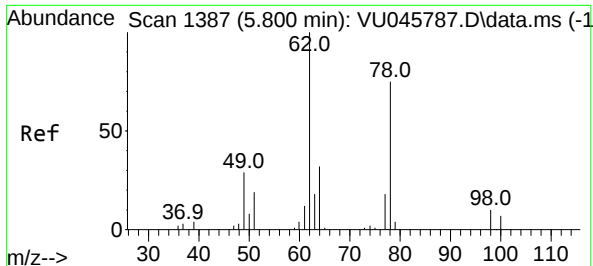
Tgt Ion: 84 Resp: 1667
Ion Ratio Lower Upper
84 100
86 69.4 45.8 85.0
49 123.3 84.5 156.9



#25
Chloroform
Concen: 0.249 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045792.D
Acq: 15 Nov 2021 15:03

Tgt Ion: 83 Resp: 3259
Ion Ratio Lower Upper
83 100
85 72.6 46.9 87.1





#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.729 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU045792.D

Acq: 15 Nov 2021 15:03

Instrument :

MSVOA_U

ClientSampleId :

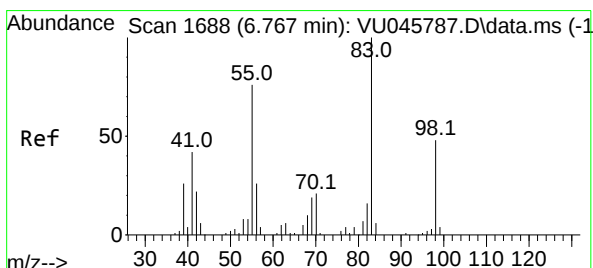
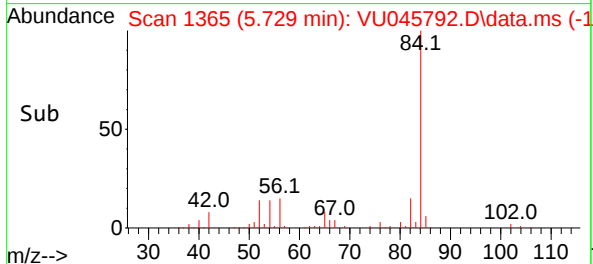
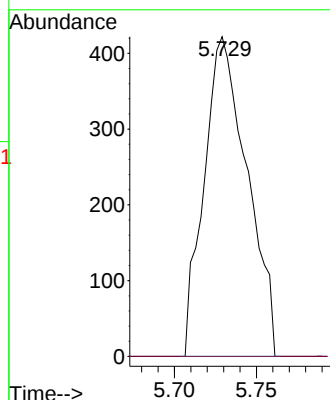
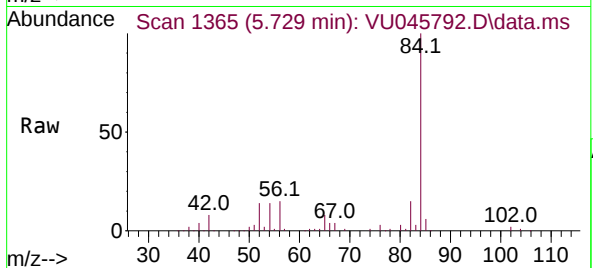
VBLK032

Tgt Ion: 62 Resp: 770

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#35

Methylcyclohexane

Concen: 0.910 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU045792.D

Acq: 15 Nov 2021 15:03

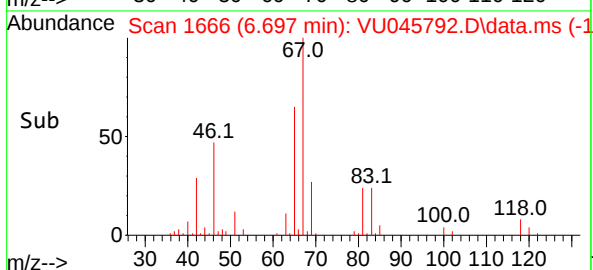
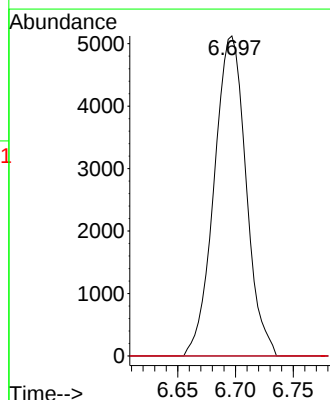
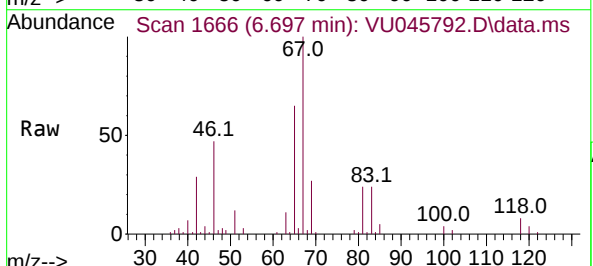
Tgt Ion: 83 Resp: 9851

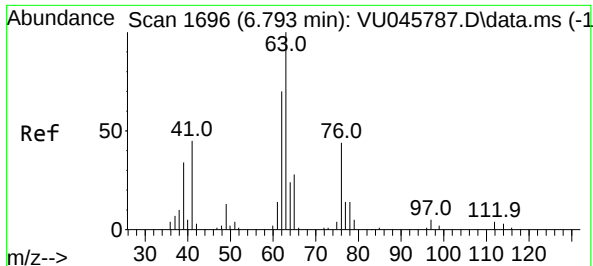
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 3.7 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045792.D

Acq: 15 Nov 2021 15:03

Instrument :

MSVOA_U

ClientSampleId :

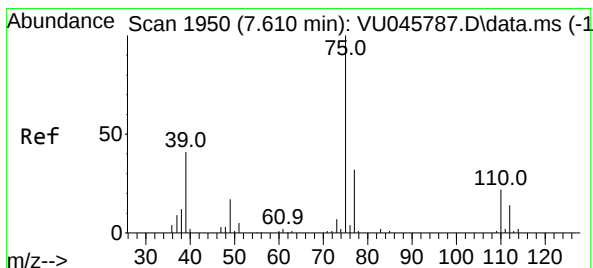
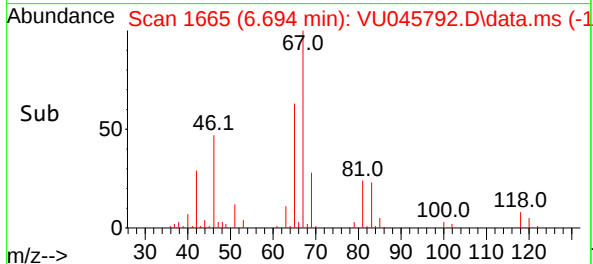
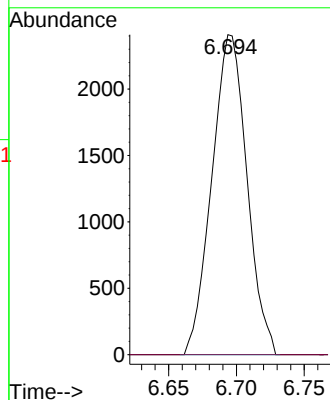
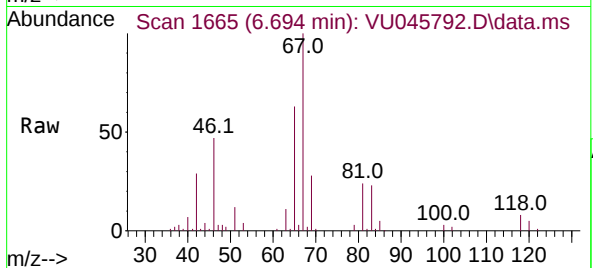
VBLK032

Tgt Ion: 63 Resp: 4342

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU045792.D

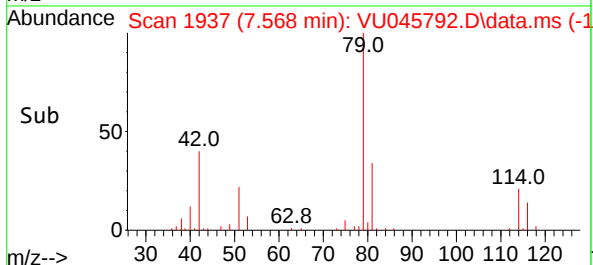
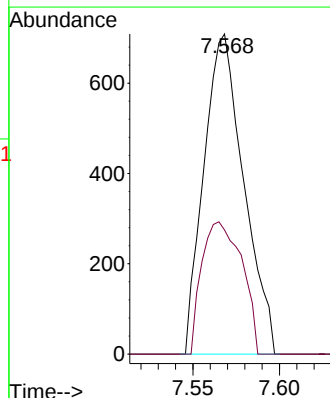
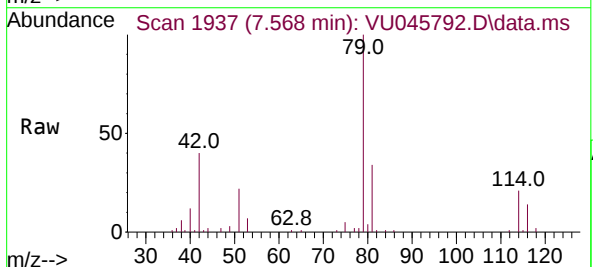
Acq: 15 Nov 2021 15:03

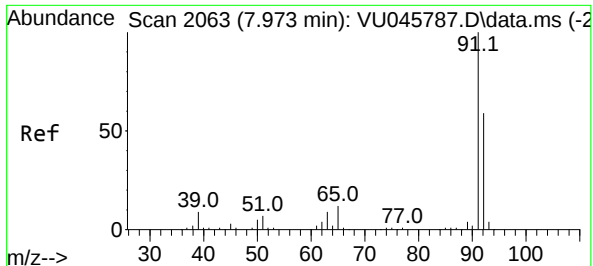
Tgt Ion: 75 Resp: 1135

Ion Ratio Lower Upper

75 100

77 38.8 22.5 41.9





#42

Toluene

Concen: 0.064 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045792.D

Acq: 15 Nov 2021 15:03

Instrument :

MSVOA_U

ClientSampleId :

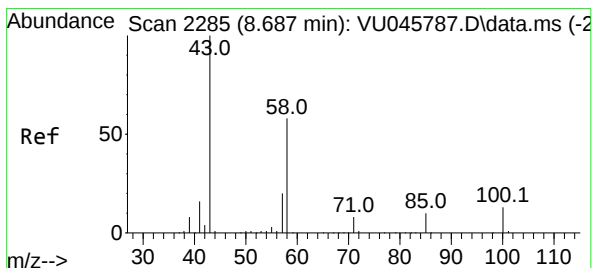
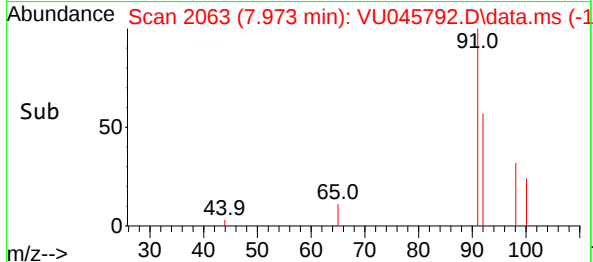
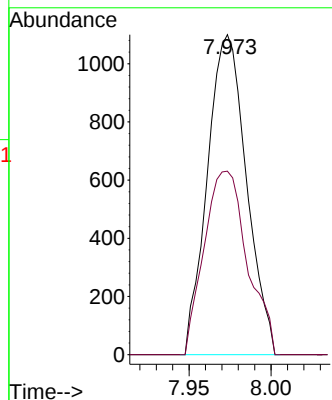
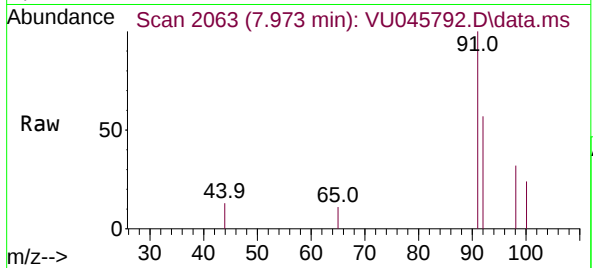
VBLK032

Tgt Ion: 91 Resp: 1819

Ion Ratio Lower Upper

91 100

92 57.4 41.3 76.7



#48

2-Hexanone

Concen: 2.431 ug/L

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU045792.D

Acq: 15 Nov 2021 15:03

Tgt Ion: 43 Resp: 8289

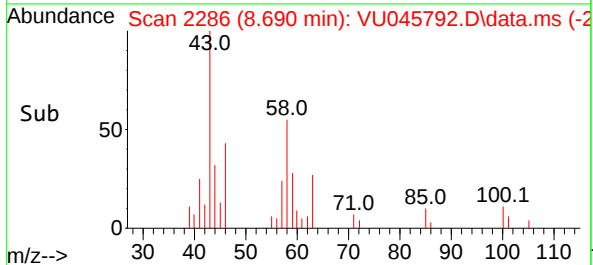
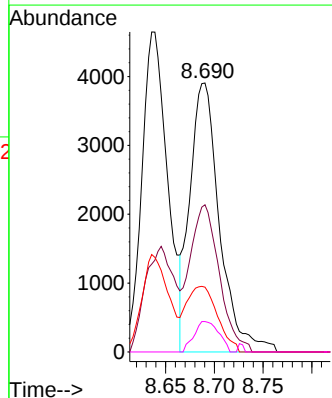
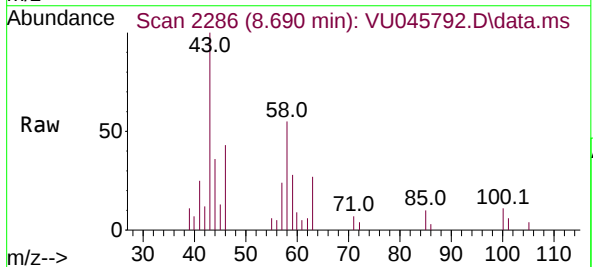
Ion Ratio Lower Upper

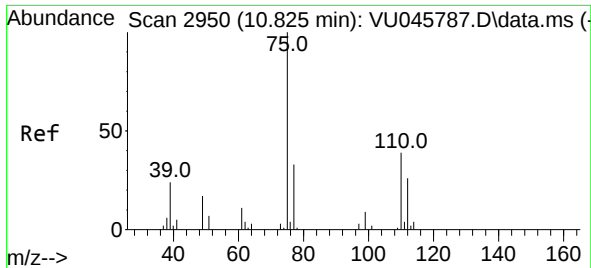
43 100

58 54.5 46.7 70.1

57 25.4 16.3 24.5#

100 9.4 10.5 15.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.252 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045792.D
 Acq: 15 Nov 2021 15:03

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 5565
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 31.8 25.5 38.3

