

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047372.D
 Acq On : 07 Mar 2022 17:06
 Operator : SY/MD
 Sample : N1810-05DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD91DL

Quant Time: Mar 08 03:02:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

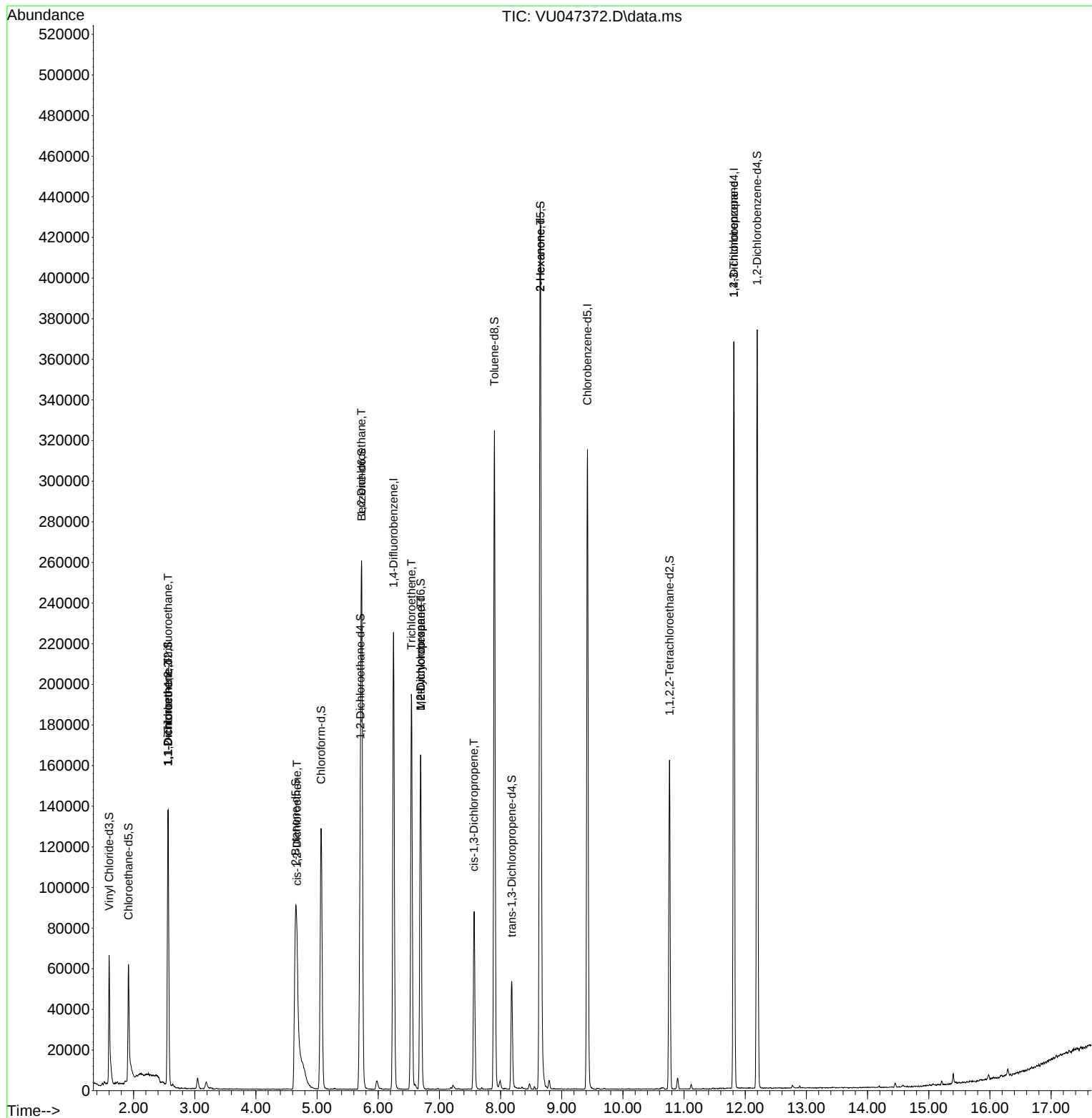
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	194674	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	102659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	54975	3.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.916	69	55136	4.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.562	65	24406	4.182	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.649	46	219673	48.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.860%
24) Chloroform-d	5.067	84	120687	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.706	65	69484	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.729	84	244462	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.693	67	80071	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	218609	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.182	79	31295	4.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.648	63	192313	46.098	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.200%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	77743	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	102400	5.090	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	742	0.079	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1407	0.147	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	14076	1.248	ug/L	91
27) 1,2-Dichloroethane	5.726	62	1271	0.100	ug/L #	73
34) Trichloroethene	6.542	95	65121	5.773	ug/L	92
35) Methylcyclohexane	6.693	83	18980	1.097	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	8396	0.789	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2080	0.123	ug/L #	59
48) 2-Hexanone	8.648	43	22947	3.832	ug/L #	65
61) 1,2,3-Trichloropropane	11.812	75	10697	1.255	ug/L #	68

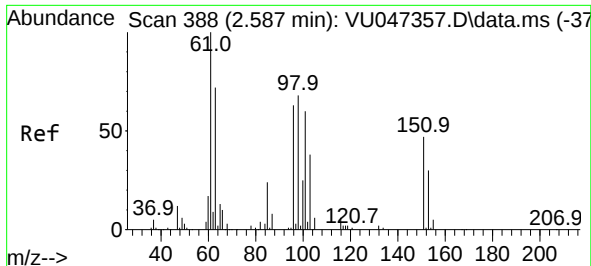
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.079 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.023 min

Lab File: VU047372.D

Acq: 07 Mar 2022 17:06

Instrument :

MSVOA_U

ClientSampleId :

GBD91DL

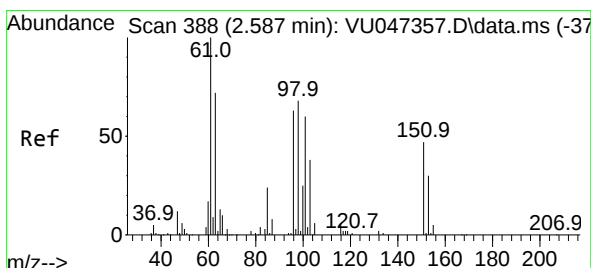
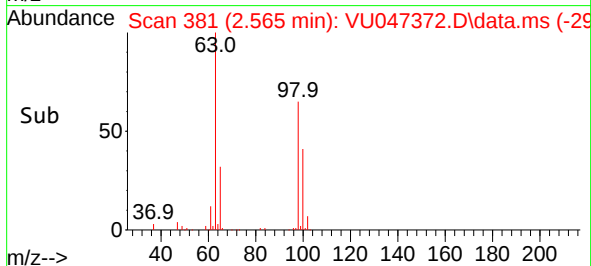
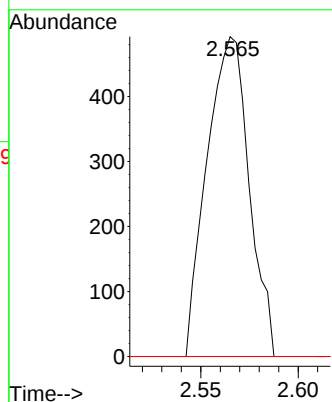
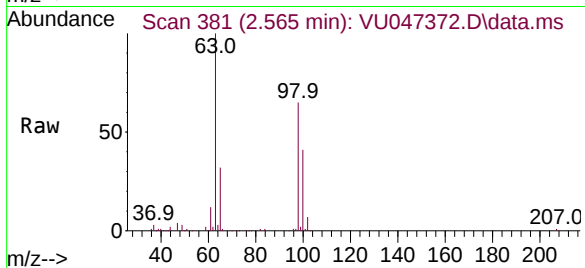
Tgt Ion:101 Resp: 742

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.147 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.023 min

Lab File: VU047372.D

Acq: 07 Mar 2022 17:06

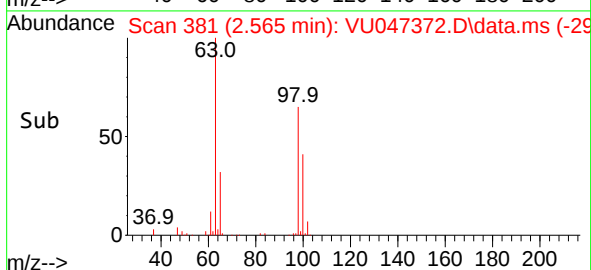
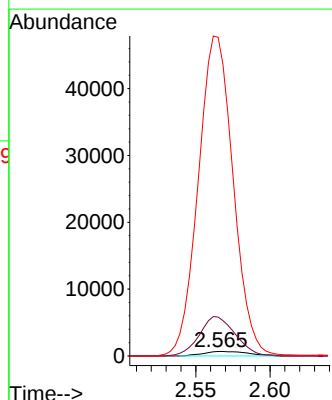
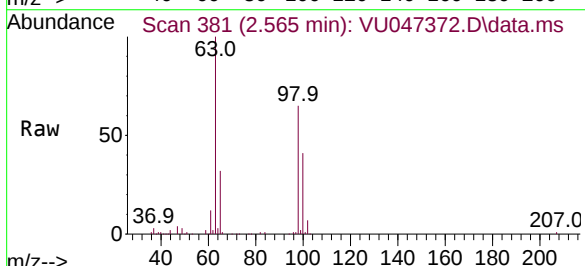
Tgt Ion: 96 Resp: 1407

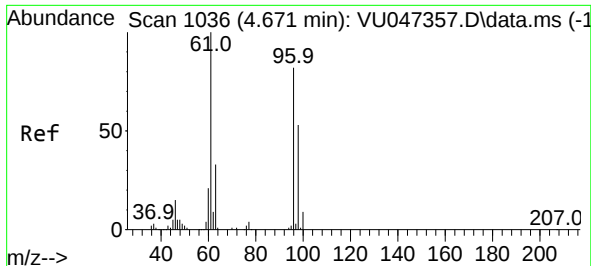
Ion Ratio Lower Upper

96 100

61 853.9 124.7 231.5#

63 7003.8 105.2 195.4#





#22

cis-1,2-Dichloroethene

Concen: 1.248 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047372.D

Acq: 07 Mar 2022 17:06

Instrument :

MSVOA_U

ClientSampleId :

GBD91DL

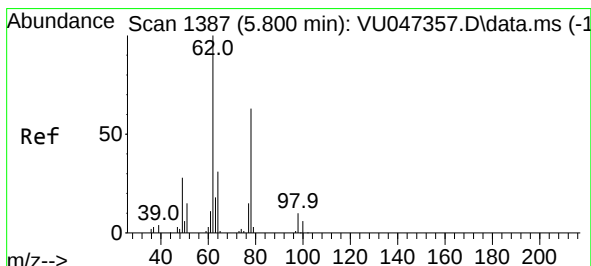
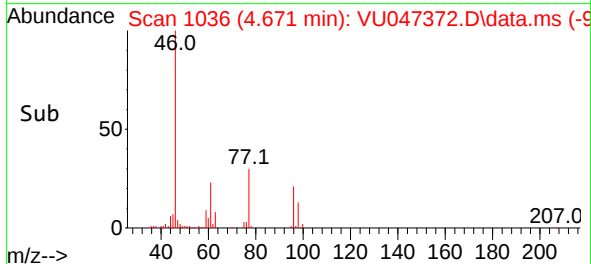
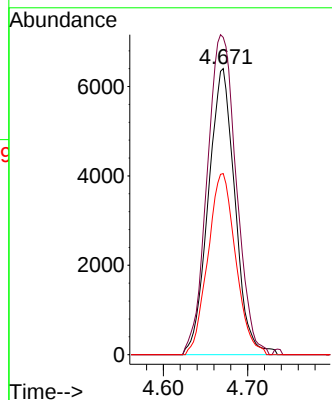
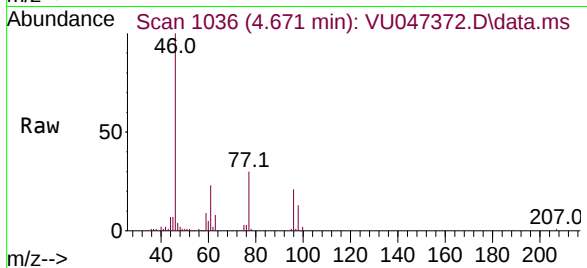
Tgt Ion: 96 Resp: 14076

Ion Ratio Lower Upper

96 100

61 110.9 88.5 164.3

98 63.3 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.074 min

Lab File: VU047372.D

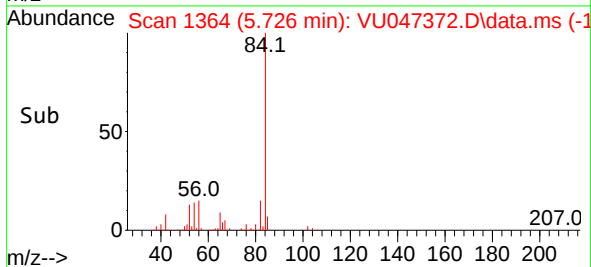
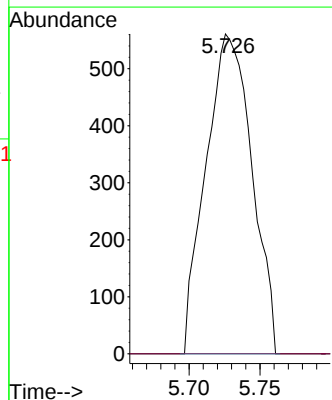
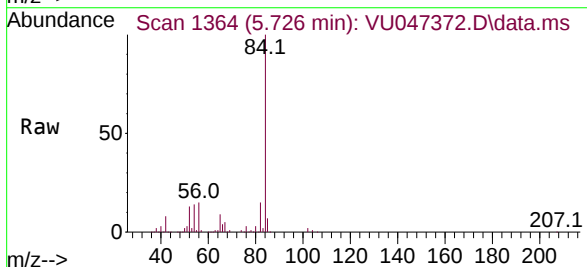
Acq: 07 Mar 2022 17:06

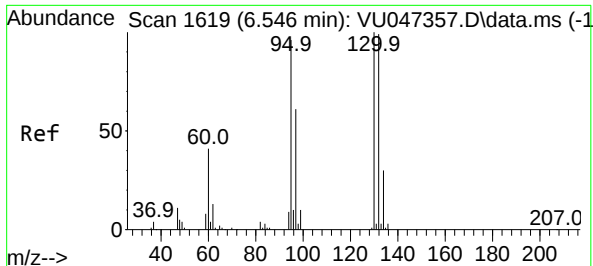
Tgt Ion: 62 Resp: 1271

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 5.773 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047372.D

Acq: 07 Mar 2022 17:06

Instrument :

MSVOA_U

ClientSampleId :

GBD91DL

Tgt Ion: 95 Resp: 65121

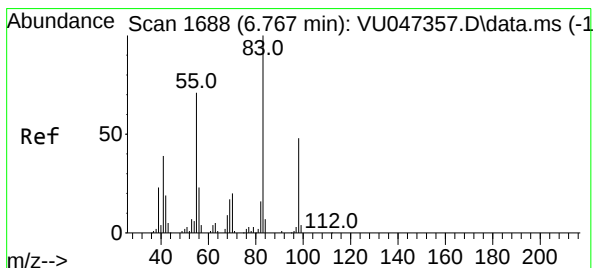
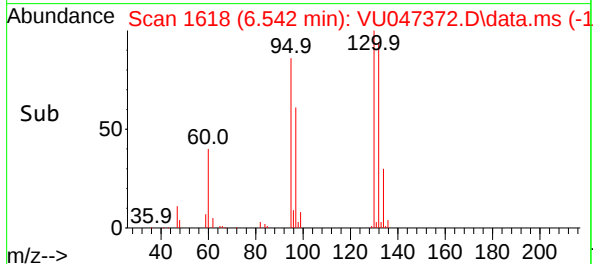
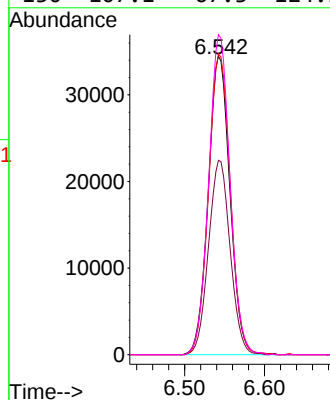
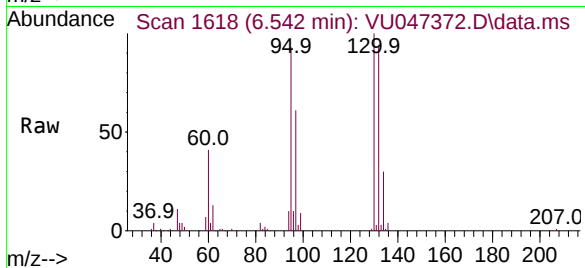
Ion Ratio Lower Upper

95 100

97 65.1 46.5 86.5

132 100.7 65.1 120.9

130 107.1 67.3 124.9



#35

Methylcyclohexane

Concen: 1.097 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047372.D

Acq: 07 Mar 2022 17:06

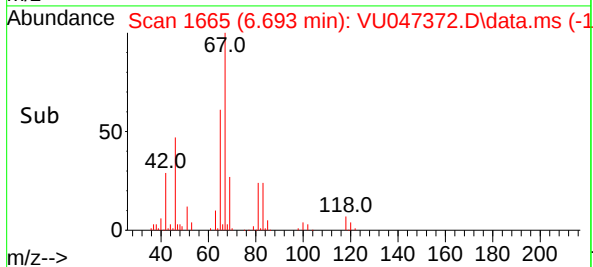
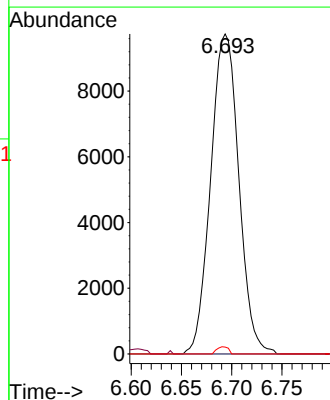
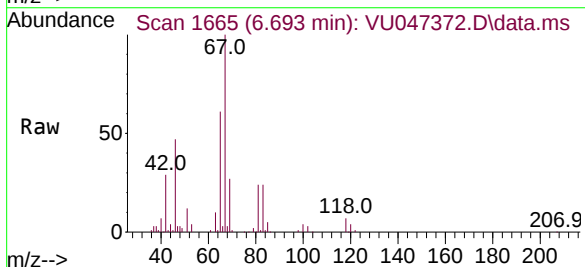
Tgt Ion: 83 Resp: 18980

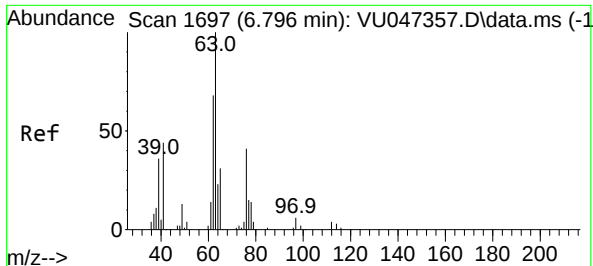
Ion Ratio Lower Upper

83 100

55 0.1 61.9 92.9#

98 0.9 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.789 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047372.D

Acq: 07 Mar 2022 17:06

Instrument :

MSVOA_U

ClientSampleId :

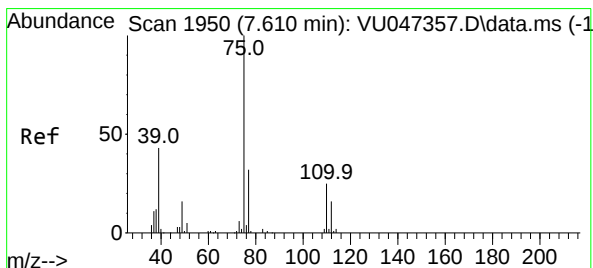
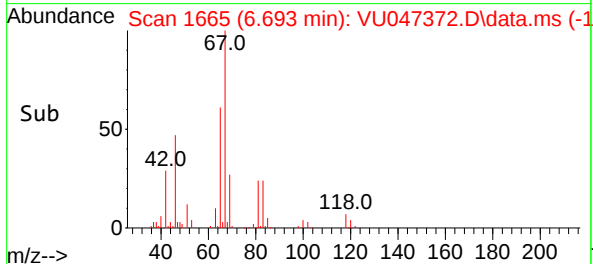
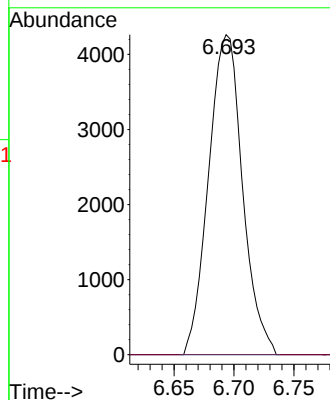
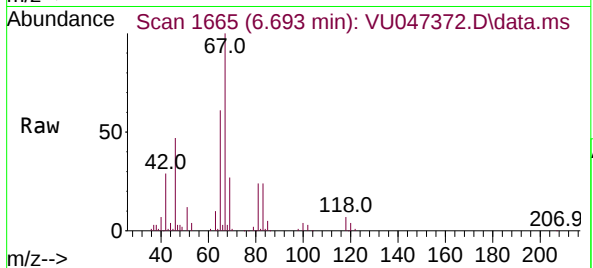
GBD91DL

Tgt Ion: 63 Resp: 8396

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047372.D

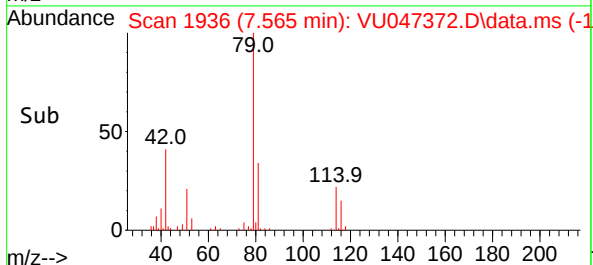
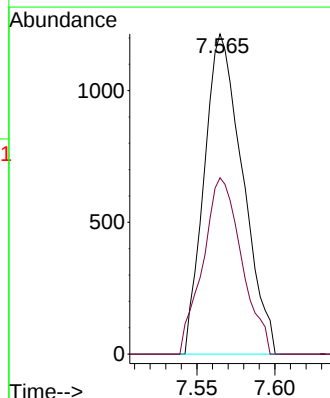
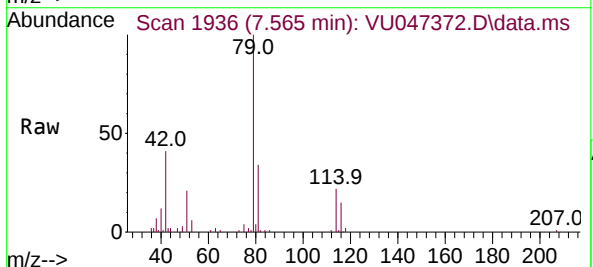
Acq: 07 Mar 2022 17:06

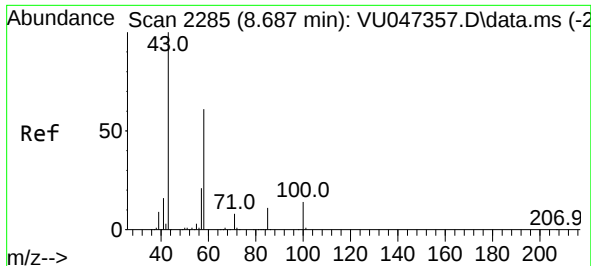
Tgt Ion: 75 Resp: 2080

Ion Ratio Lower Upper

75 100

77 55.1 22.5 41.9#

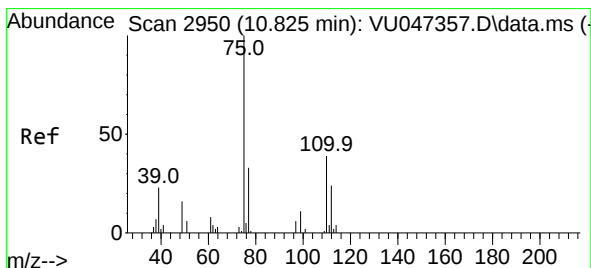
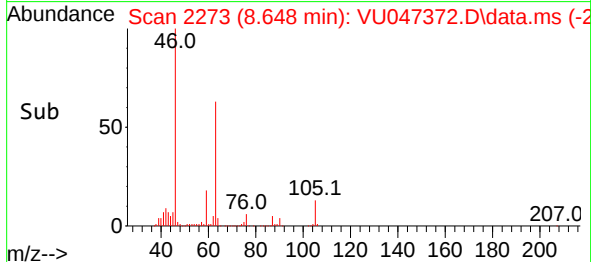
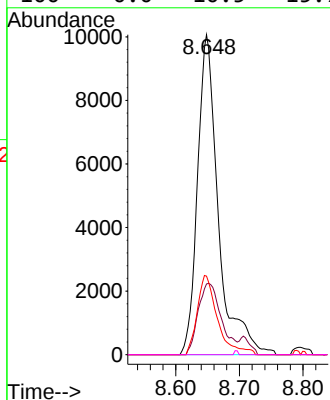
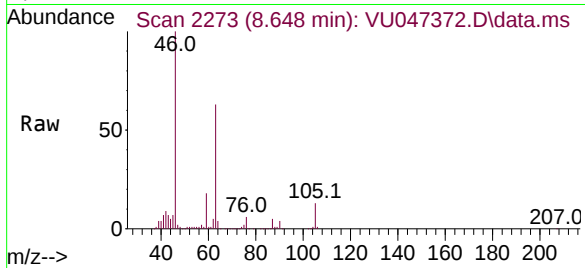




#48
2-Hexanone
Concen: 3.832 ug/L
RT: 8.648 min Scan# 21
Delta R.T. -0.039 min
Lab File: VU047372.D
Acq: 07 Mar 2022 17:06

Instrument :
MSVOA_U
ClientSampleId :
GBD91DL

Tgt Ion:	43	Resp:	22947
Ion	Ratio	Lower	Upper
43	100		
58	24.8	46.7	70.1#
57	23.9	16.3	24.5
100	0.0	10.5	15.7#



#61
1,2,3-Trichloropropane
Concen: 1.255 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047372.D
Acq: 07 Mar 2022 17:06

Tgt Ion:	75	Resp:	10697
Ion	Ratio	Lower	Upper
75	100		
110	1.9	29.9	44.9#
77	31.8	25.5	38.3

