

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047443.D
 Acq On : 10 Mar 2022 08:03
 Operator : SY/MD
 Sample : N1857-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ8

Quant Time: Mar 11 00:16:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

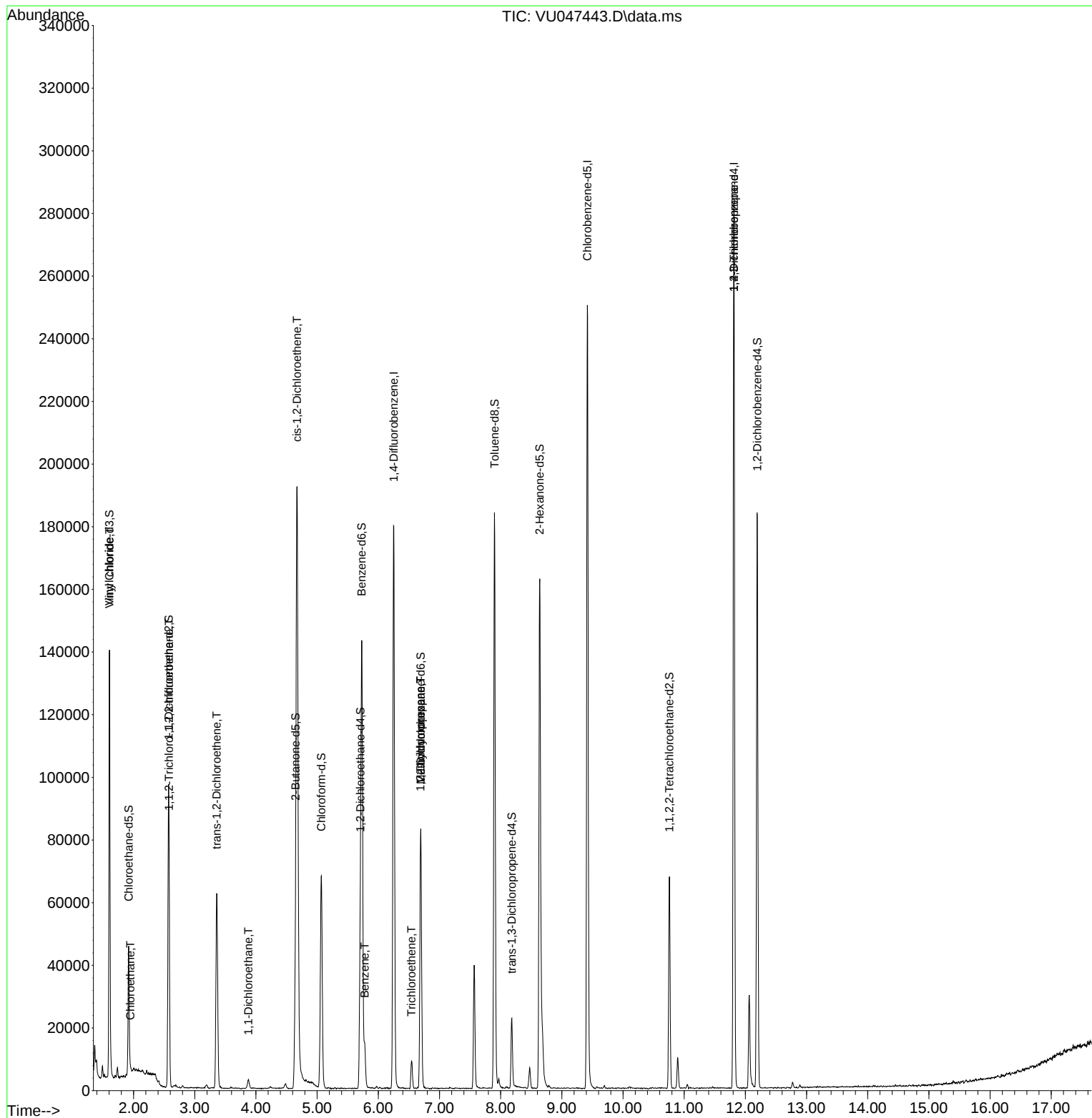
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	155395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	149627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40715	4.831	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.919	69	30215	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.575	65	17788	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.649	46	66195	44.115	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.220%
24) Chloroform-d	5.070	84	64624	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.707	65	33673	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.729	84	137508	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.694	67	40410	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.899	98	129008	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.182	79	13074	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.639	63	70918	45.540	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33589	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	50502	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	62590	5.477	ug/L	98
8) Chloroethane	1.948	64	3819	0.550	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	551	0.059	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	27966	2.863	ug/L	100
19) 1,1-Dichloroethane	3.877	63	3772	0.227	ug/L	92
22) cis-1,2-Dichloroethene	4.671	96	96180	8.886	ug/L	97
33) Benzene	5.777	78	12484	0.309	ug/L	100
34) Trichloroethene	6.542	95	2951	0.273	ug/L	93
35) Methylcyclohexane	6.694	83	9303	0.546	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	4044	0.402	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8594	1.153	ug/L #	66

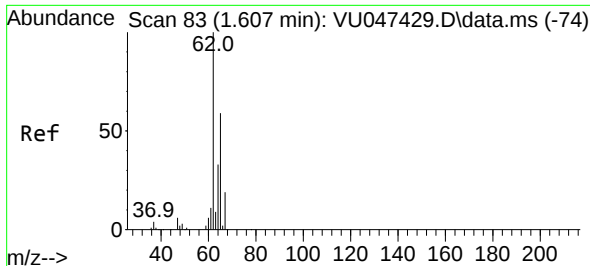
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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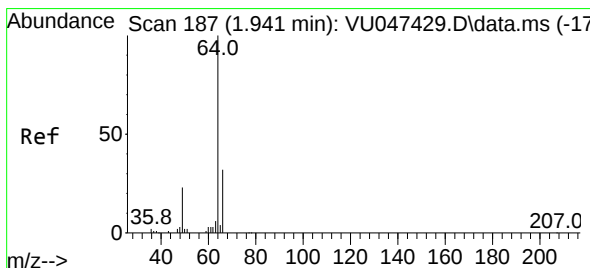
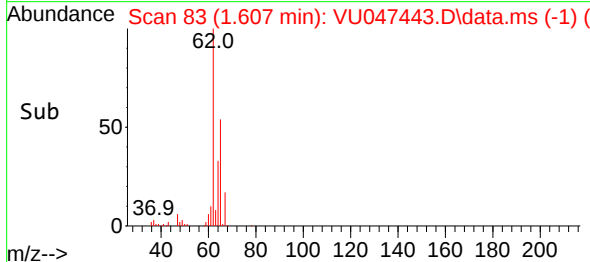
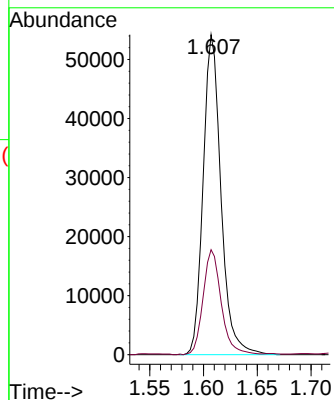
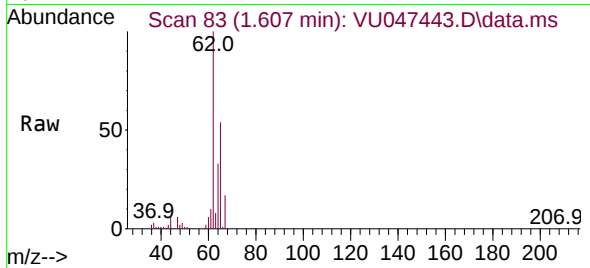




#5
 Vinyl chloride
 Concen: 5.477 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047443.D
 Acq: 10 Mar 2022 08:03

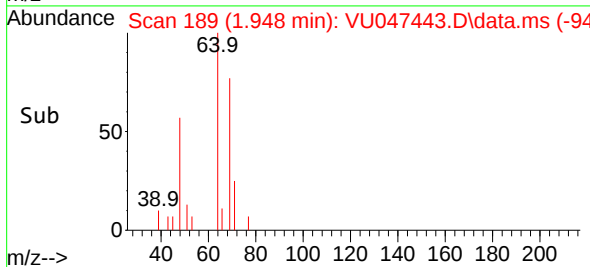
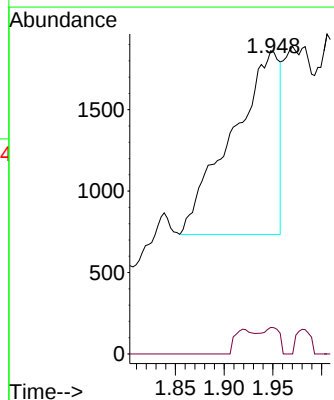
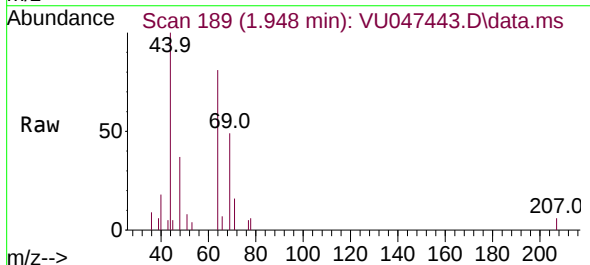
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ8

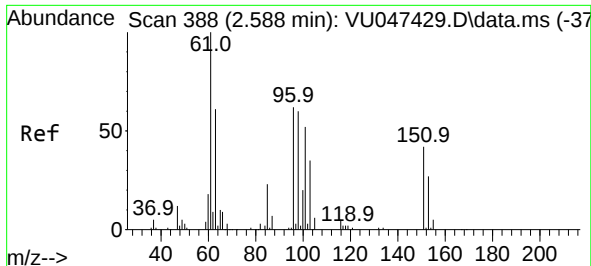
Tgt Ion: 62 Resp: 62590
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.7 43.9



#8
 Chloroethane
 Concen: 0.550 ug/L
 RT: 1.948 min Scan# 189
 Delta R.T. 0.007 min
 Lab File: VU047443.D
 Acq: 10 Mar 2022 08:03

Tgt Ion: 64 Resp: 3819
 Ion Ratio Lower Upper
 64 100
 66 8.8 22.9 42.5#





#10

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

Concen: 0.059 ug/L

RT: 2.581 min Scan# 388

Delta R.T. -0.006 min

Lab File: VU047443.D

Acq: 10 Mar 2022 08:03

Instrument :

MSVOA_U

ClientSampleId :

ETNJ8

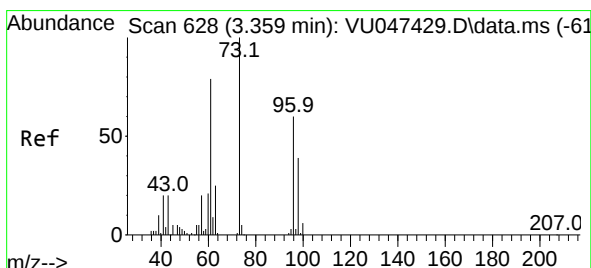
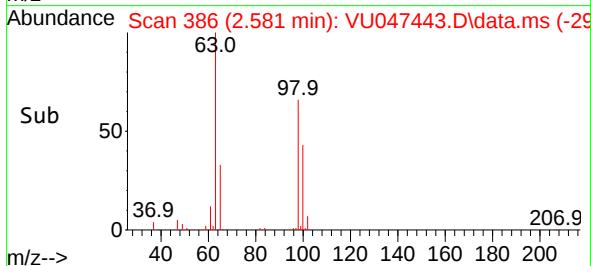
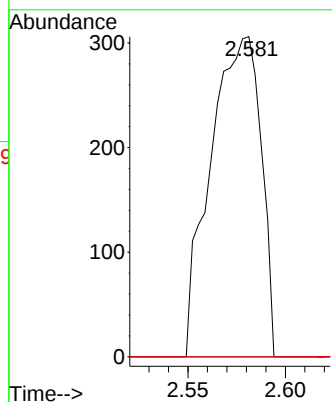
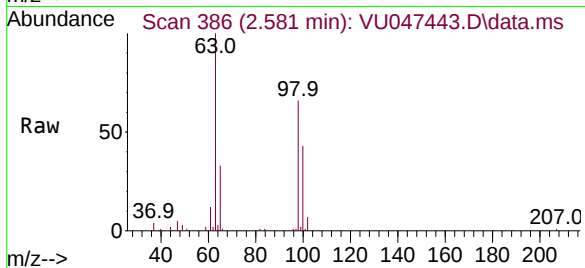
Tgt Ion:101 Resp: 551

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#



#18

trans-1,2-Dichloroethene

Concen: 2.863 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047443.D

Acq: 10 Mar 2022 08:03

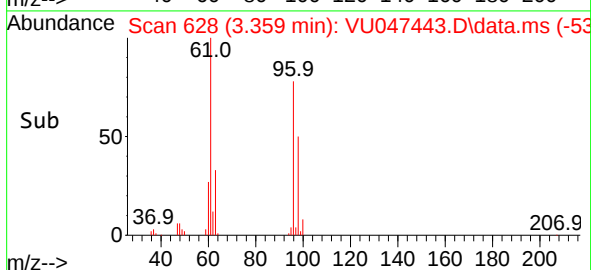
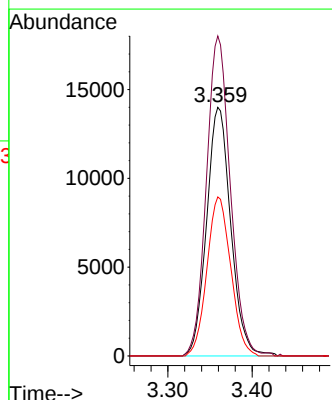
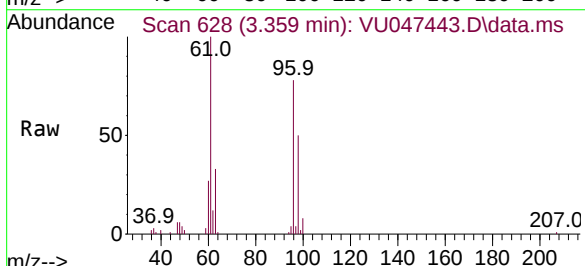
Tgt Ion: 96 Resp: 27966

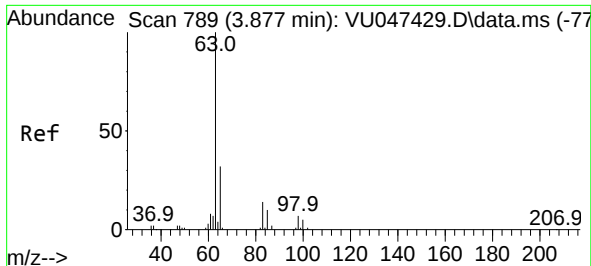
Ion Ratio Lower Upper

96 100

61 128.7 90.4 167.8

98 64.0 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.227 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047443.D

Acq: 10 Mar 2022 08:03

Instrument :

MSVOA_U

ClientSampleId :

ETNJ8

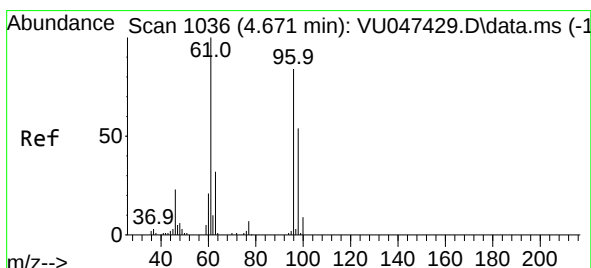
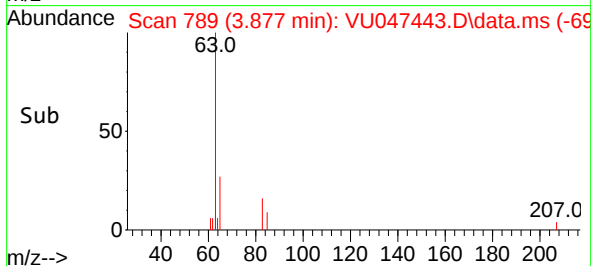
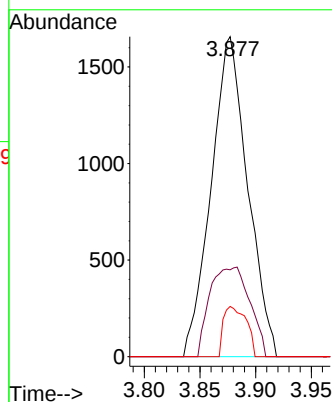
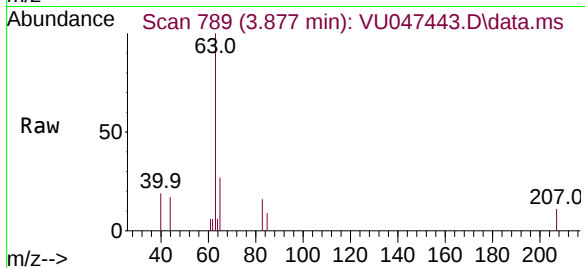
Tgt Ion: 63 Resp: 3772

Ion Ratio Lower Upper

63 100

65 27.2 22.8 42.4

83 15.7 9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 8.886 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047443.D

Acq: 10 Mar 2022 08:03

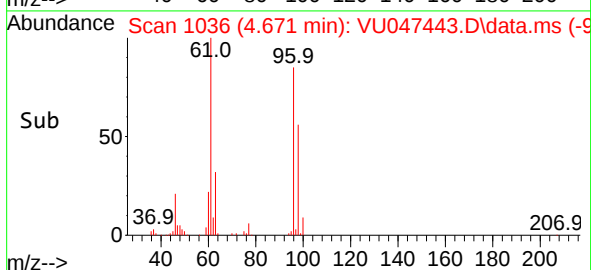
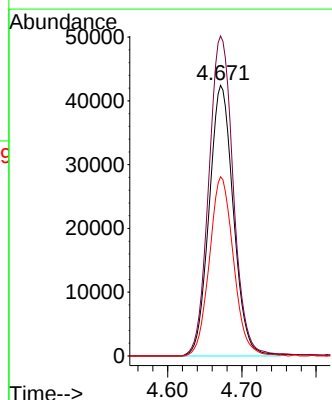
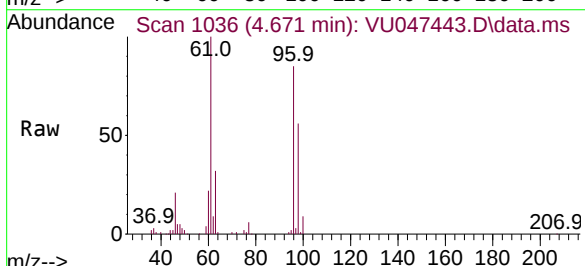
Tgt Ion: 96 Resp: 96180

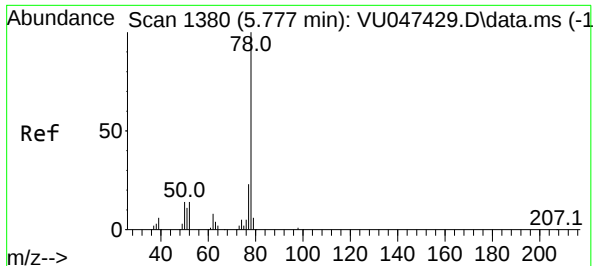
Ion Ratio Lower Upper

96 100

61 118.2 80.8 150.0

98 66.2 44.7 83.1

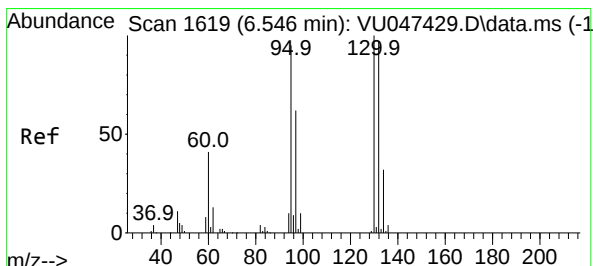
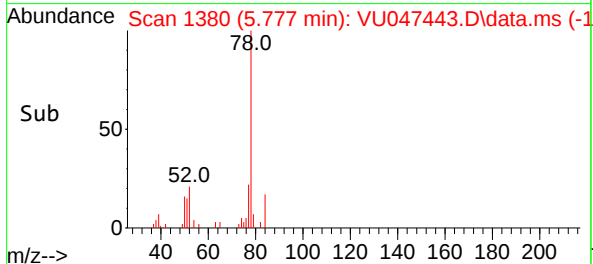
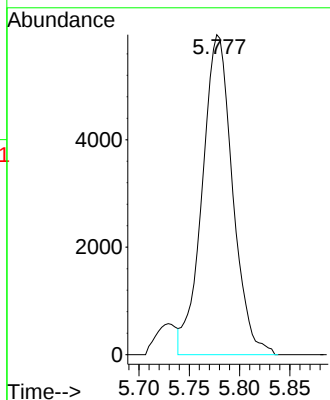
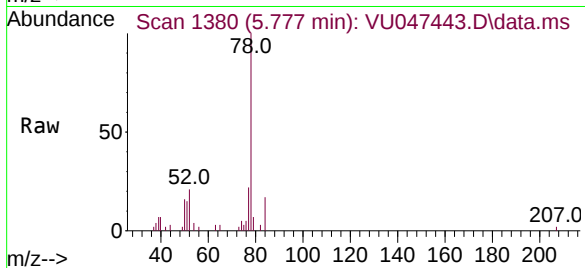




#33
Benzene
Concen: 0.309 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047443.D
Acq: 10 Mar 2022 08:03

Instrument :
MSVOA_U
ClientSampleId :
ETNJ8

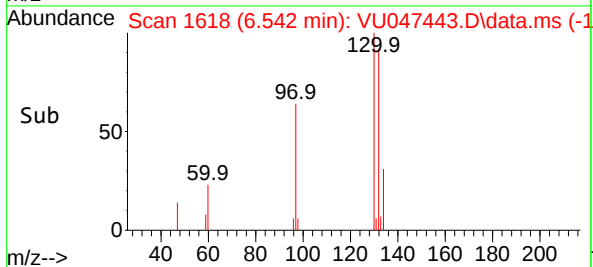
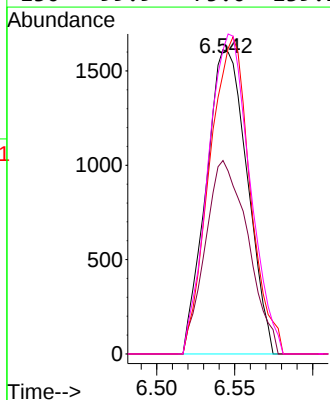
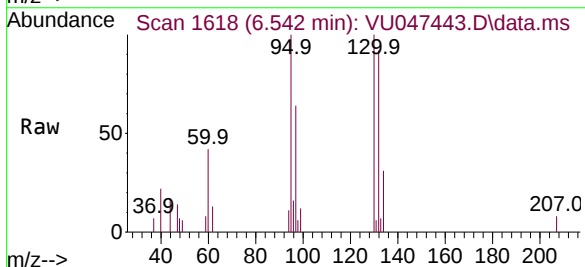
Tgt Ion: 78 Resp: 12484

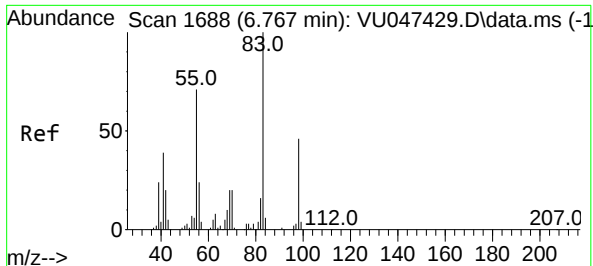


#34
Trichloroethene
Concen: 0.273 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047443.D
Acq: 10 Mar 2022 08:03

Tgt Ion: 95 Resp: 2951

Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.3	85.9
132	92.1	71.7	133.1
130	99.9	75.0	139.2

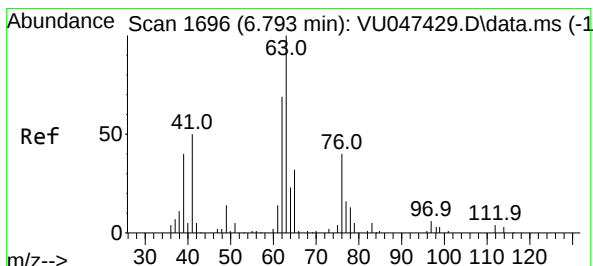
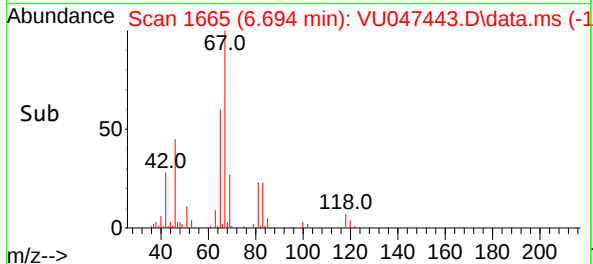
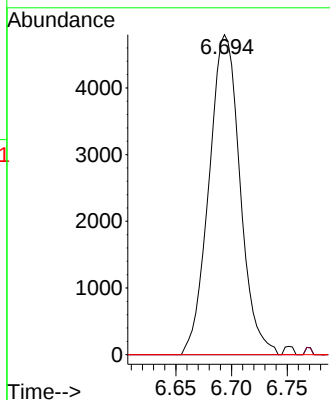
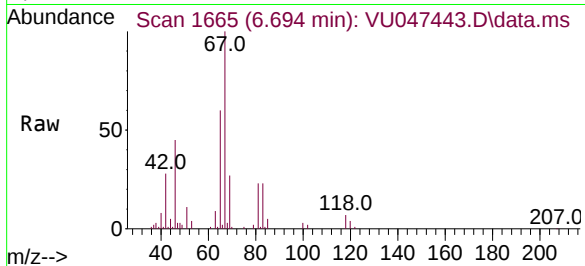




#35
Methylcyclohexane
Concen: 0.546 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047443.D
Acq: 10 Mar 2022 08:03

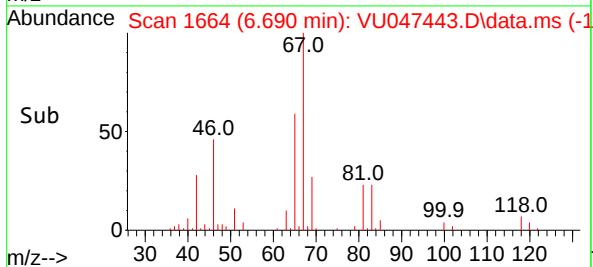
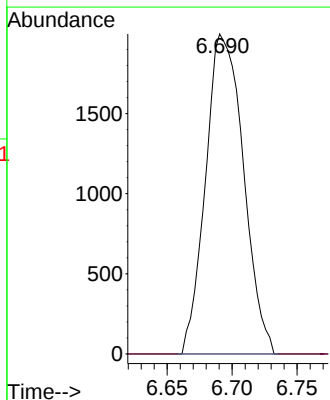
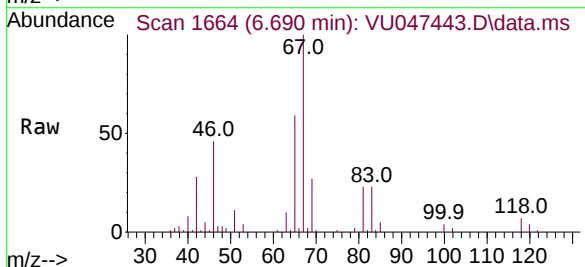
Instrument :
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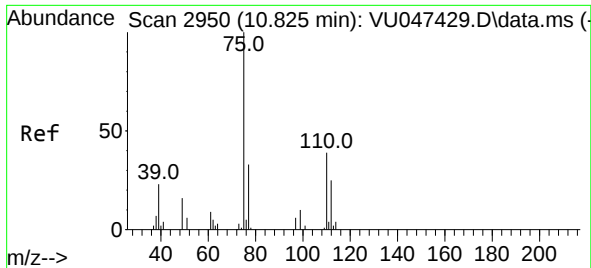
Tgt Ion: 83 Resp: 9303
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.8#
98 1.2 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.402 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU047443.D
Acq: 10 Mar 2022 08:03

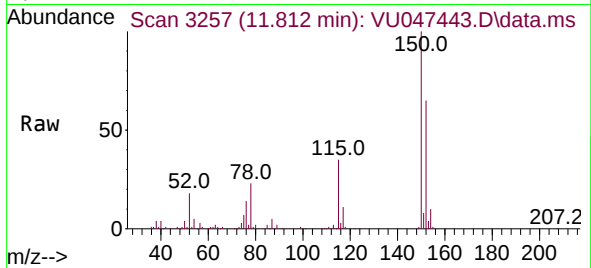
Tgt Ion: 63 Resp: 4044
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.153 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047443.D
 Acq: 10 Mar 2022 08:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ8



Tgt Ion: 75 Resp: 8594
 Ion Ratio Lower Upper
 75 100
 110 1.2 31.0 46.4#
 77 32.5 26.2 39.4

