

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047490.D
 Acq On : 11 Mar 2022 14:25
 Operator : SY/MD
 Sample : N1857-12RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ7

Quant Time: Mar 12 01:34:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 01:28:32 2022
 Response via : Initial Calibration

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

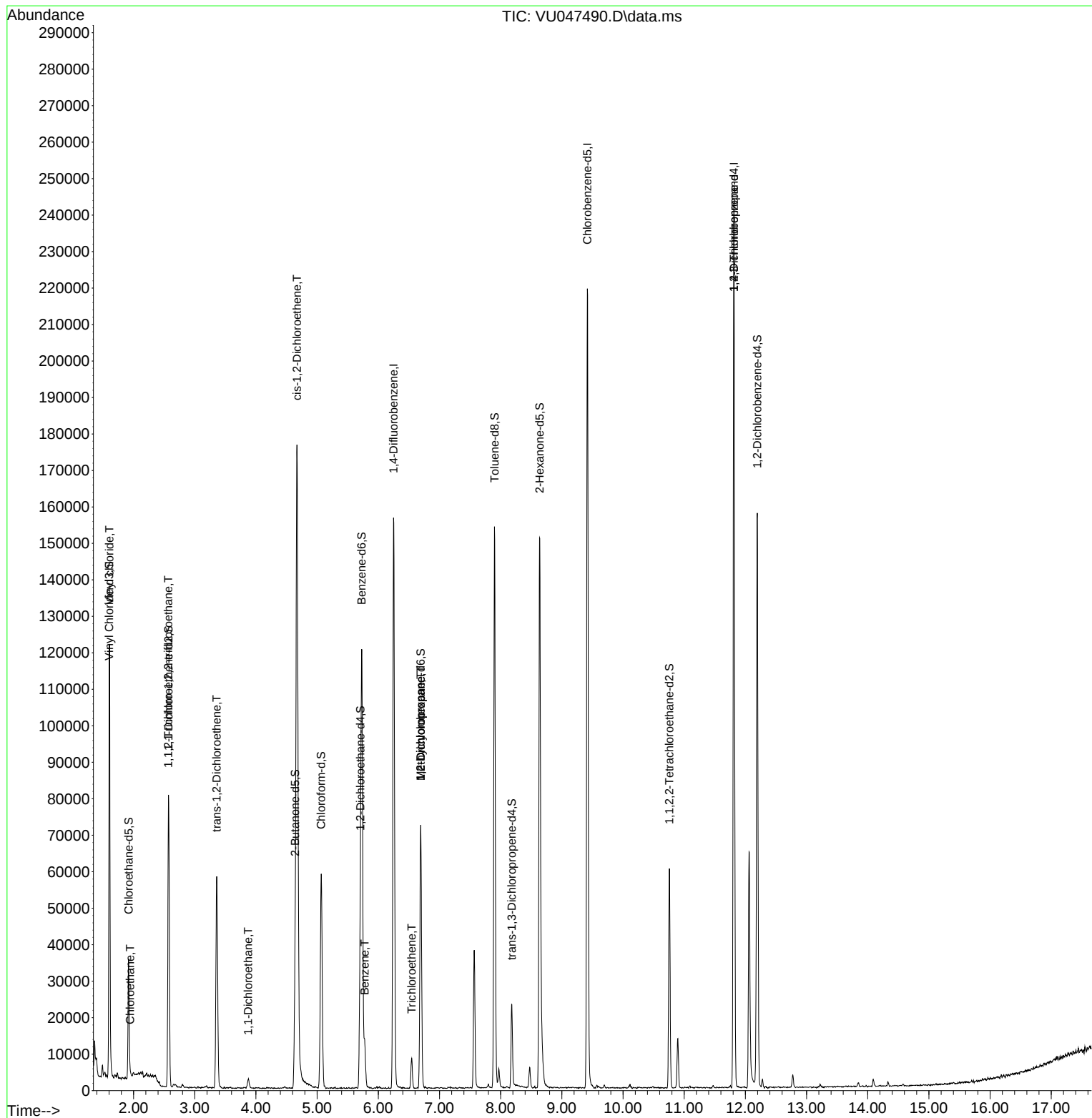
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134891	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32306	4.416	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.919	69	25441	4.737	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.571	65	14776	4.573	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	4.642	46	63424	48.693	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.380%	
24) Chloroform-d	5.067	84	55279	4.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.706	65	28684	4.860	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.729	84	115488	4.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.694	67	35160	4.876	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.899	98	105611	4.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
43) trans-1,3-Dichloroprop...	8.182	79	13597	4.441	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.636	63	60887	45.148	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.300%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29829	4.747	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	43533	5.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	57599	5.806	ug/L	99
8) Chloroethane	1.945	64	986	0.164	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	482	0.060	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	25430	2.999	ug/L	99
19) 1,1-Dichloroethane	3.874	63	3497	0.242	ug/L #	97
22) cis-1,2-Dichloroethene	4.671	96	88561	9.426	ug/L	97
33) Benzene	5.777	78	11439	0.327	ug/L	100
34) Trichloroethene	6.546	95	2788	0.298	ug/L	96
35) Methylcyclohexane	6.694	83	8079	0.547	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	3489	0.400	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	7373	1.184	ug/L #	67

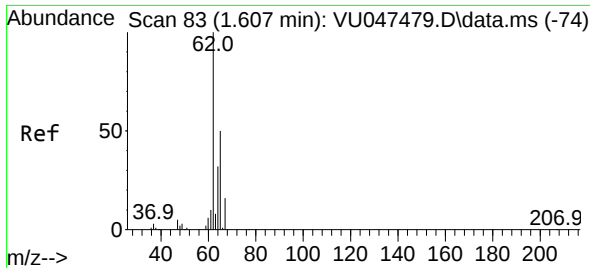
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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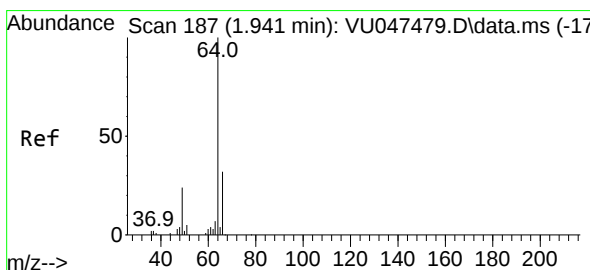
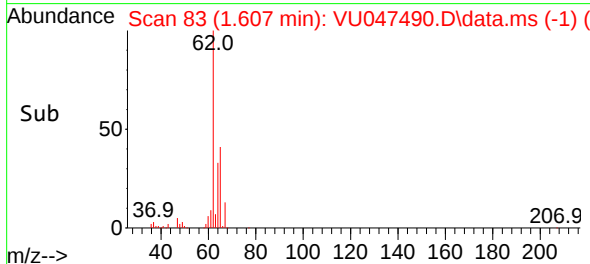
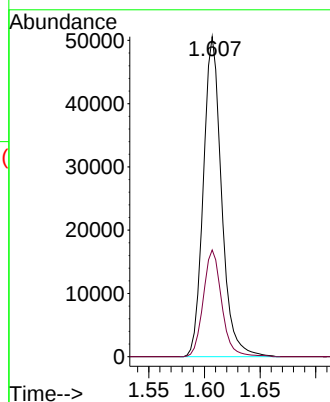
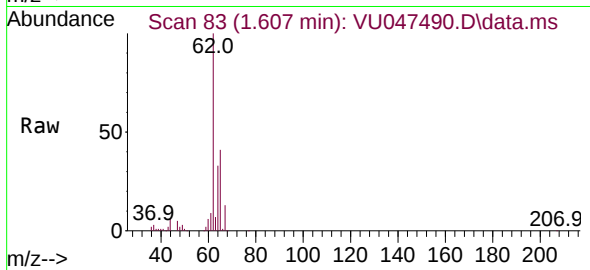




#5
 Vinyl chloride
 Concen: 5.806 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047490.D
 Acq: 11 Mar 2022 14:25

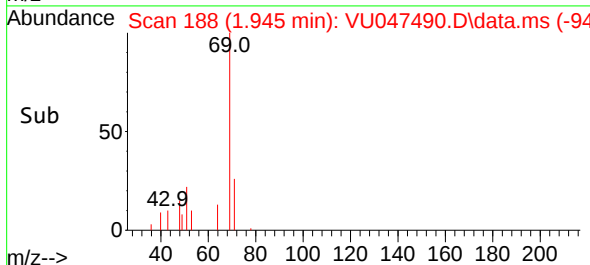
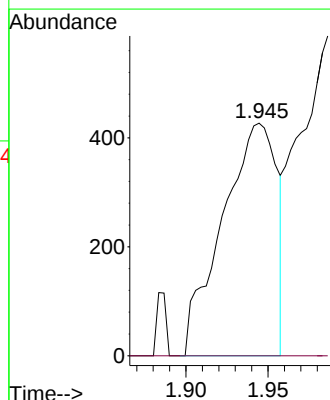
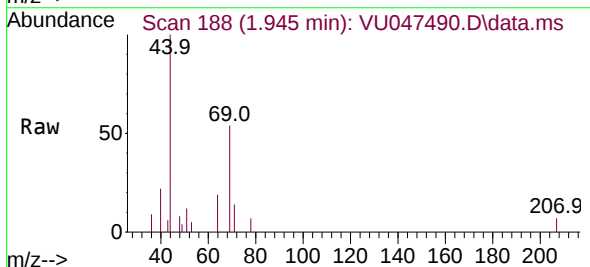
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ7

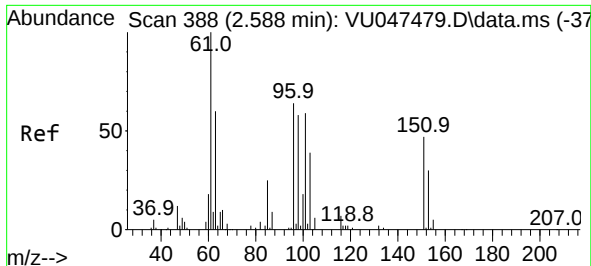
Tgt Ion: 62 Resp: 57599
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 43.9



#8
 Chloroethane
 Concen: 0.164 ug/L
 RT: 1.945 min Scan# 188
 Delta R.T. 0.003 min
 Lab File: VU047490.D
 Acq: 11 Mar 2022 14:25

Tgt Ion: 64 Resp: 986
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.9 42.5#

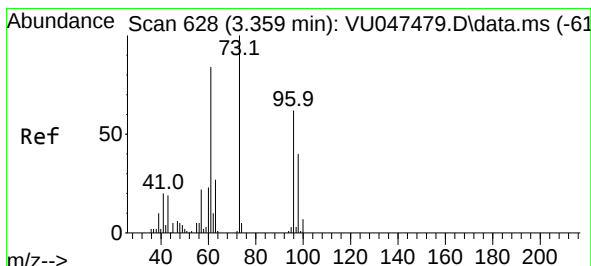
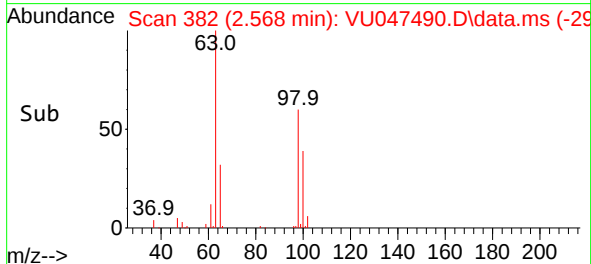
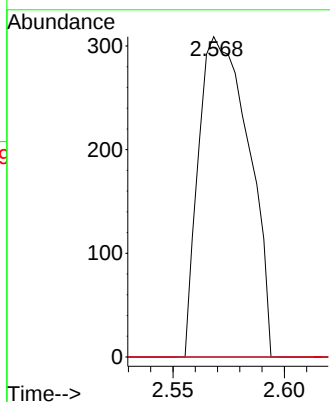
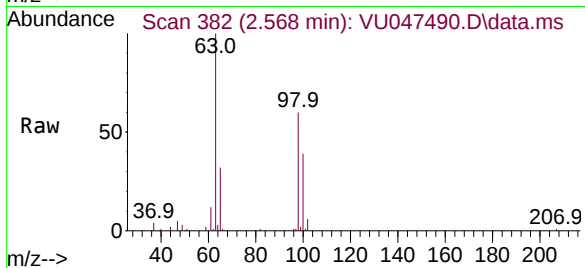




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU047490.D
Acq: 11 Mar 2022 14:25

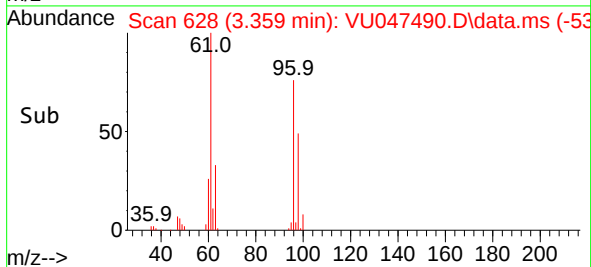
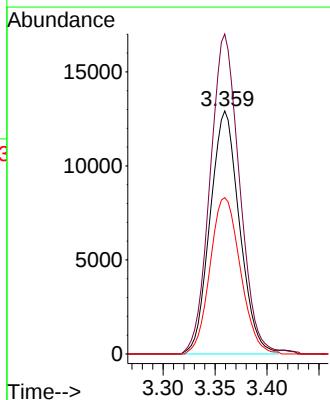
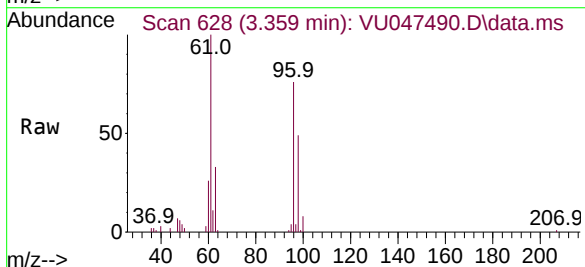
Instrument :
MSVOA_U
ClientSampleId :
ETNJ7

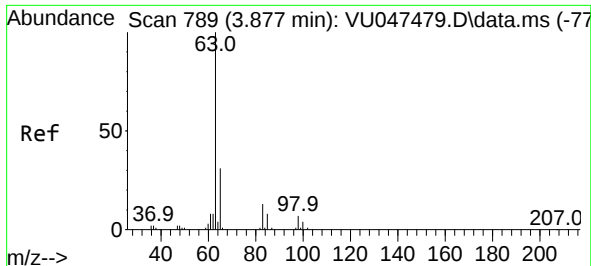
Tgt Ion:101 Resp: 482
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#



#18
trans-1,2-Dichloroethene
Concen: 2.999 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047490.D
Acq: 11 Mar 2022 14:25

Tgt Ion: 96 Resp: 25430
Ion Ratio Lower Upper
96 100
61 131.6 90.4 167.8
98 64.3 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.242 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047490.D

Acq: 11 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

ETNJ7

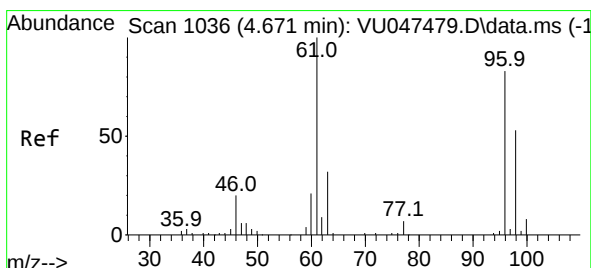
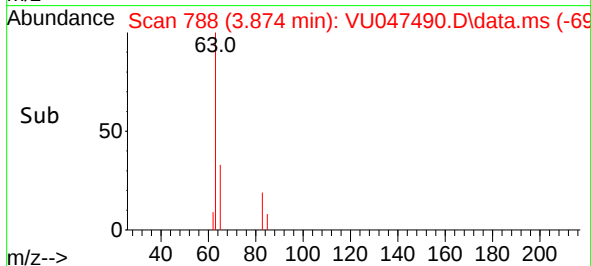
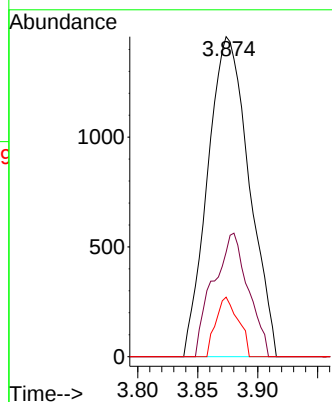
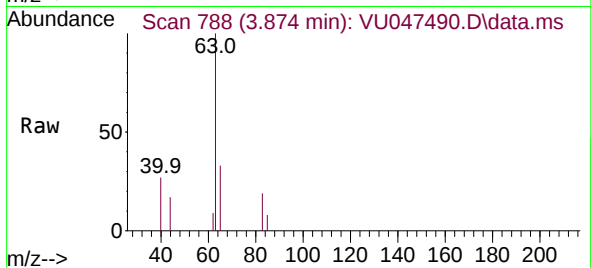
Tgt Ion: 63 Resp: 3497

Ion Ratio Lower Upper

63 100

65 32.6 22.8 42.4

83 18.6 9.9 18.3#



#22

cis-1,2-Dichloroethene

Concen: 9.426 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047490.D

Acq: 11 Mar 2022 14:25

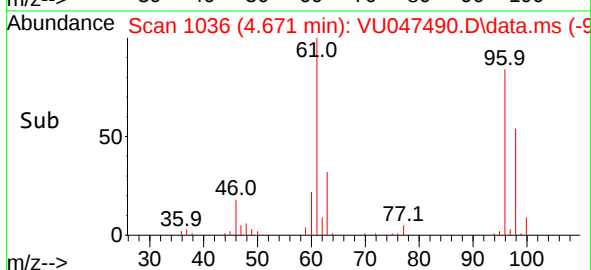
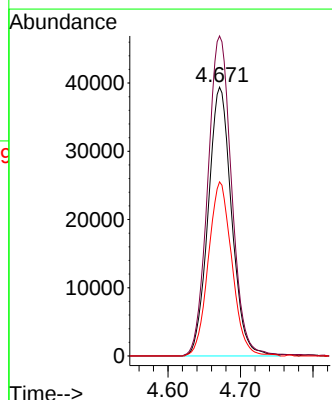
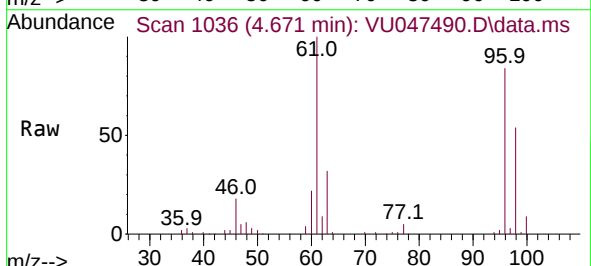
Tgt Ion: 96 Resp: 88561

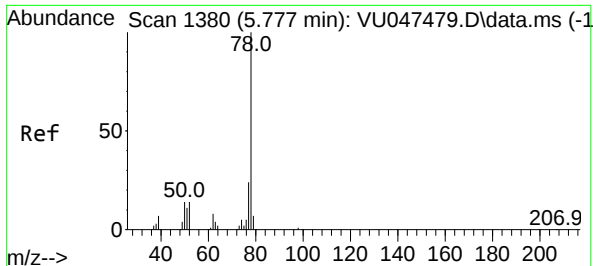
Ion Ratio Lower Upper

96 100

61 119.0 80.8 150.0

98 64.8 44.7 83.1

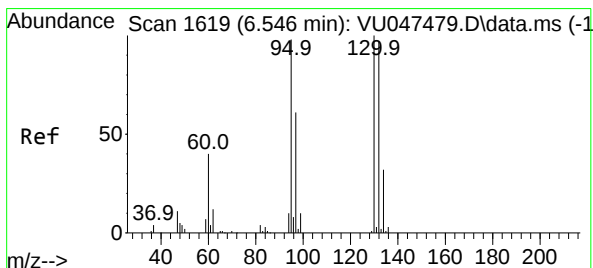
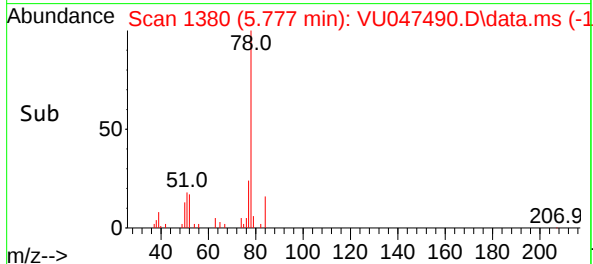
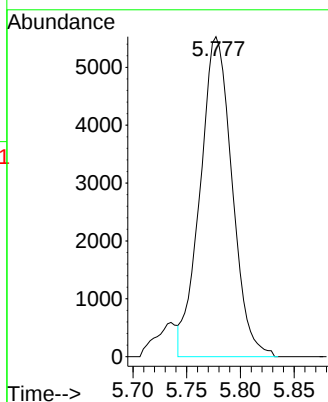
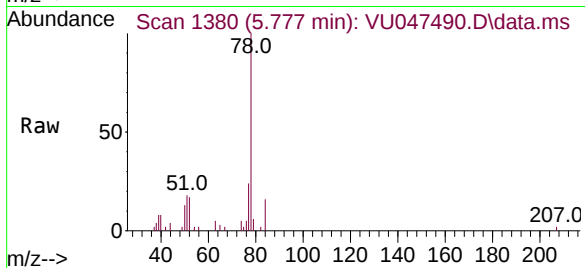




#33
Benzene
Concen: 0.327 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047490.D
Acq: 11 Mar 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
ETNJ7

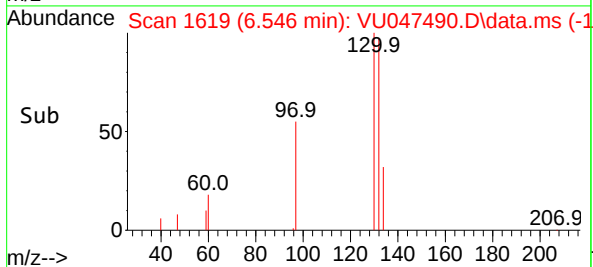
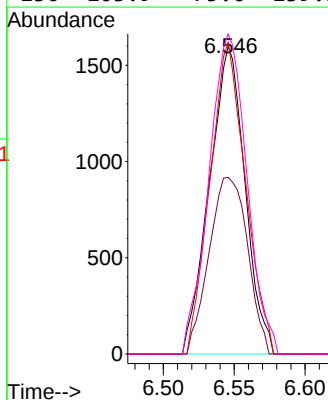
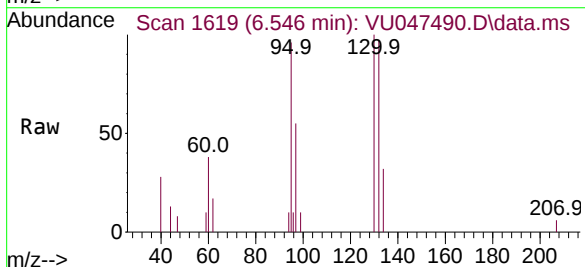
Tgt Ion: 78 Resp: 11439

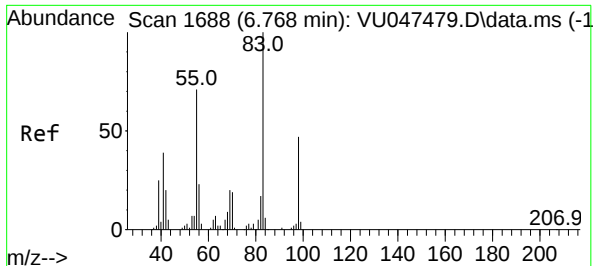


#34
Trichloroethene
Concen: 0.298 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047490.D
Acq: 11 Mar 2022 14:25

Tgt Ion: 95 Resp: 2788

Ion	Ratio	Lower	Upper
95	100		
97	57.4	46.3	85.9
132	101.2	71.7	133.1
130	103.9	75.0	139.2





#35

Methylcyclohexane

Concen: 0.547 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047490.D

Acq: 11 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

ETNJ7

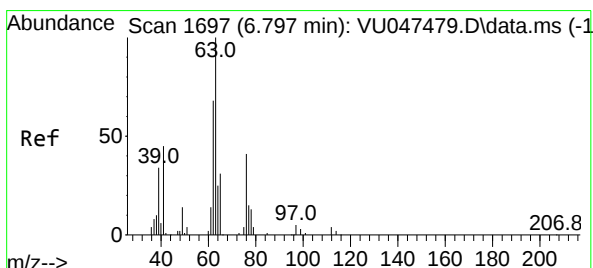
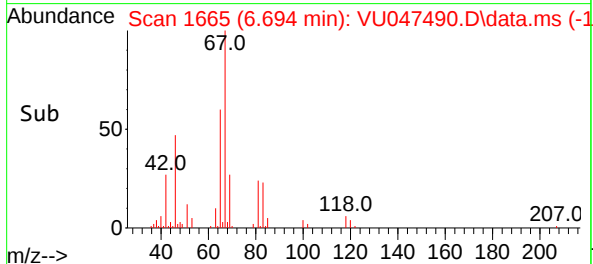
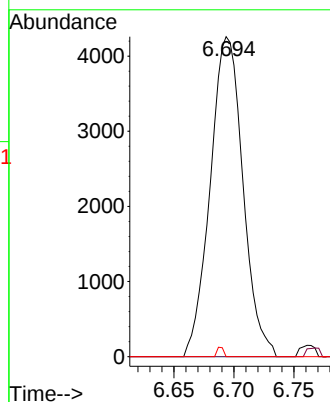
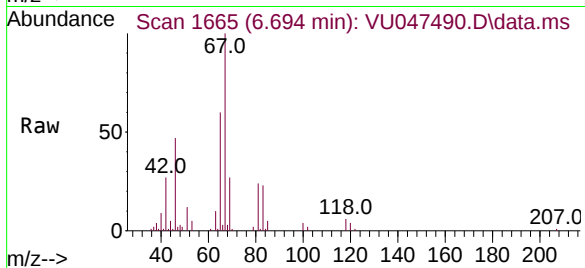
Tgt Ion: 83 Resp: 8079

Ion Ratio Lower Upper

83 100

55 1.1 57.8 86.8#

98 0.6 38.0 57.0#



#37

1,2-Dichloropropane

Concen: 0.400 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU047490.D

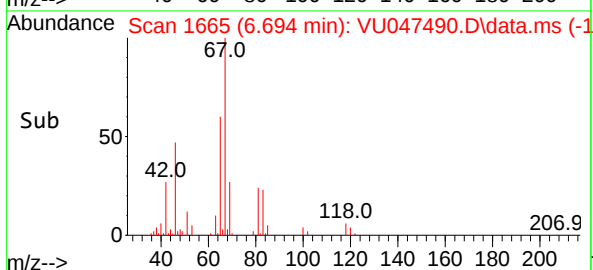
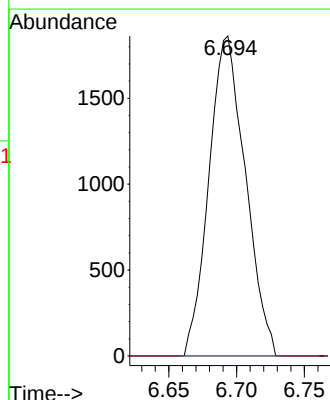
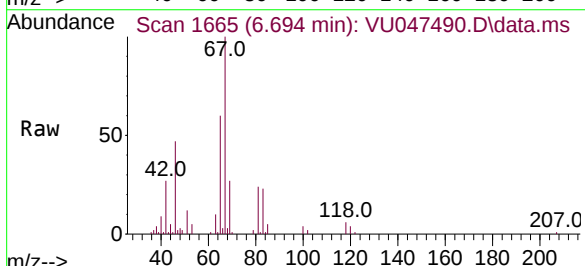
Acq: 11 Mar 2022 14:25

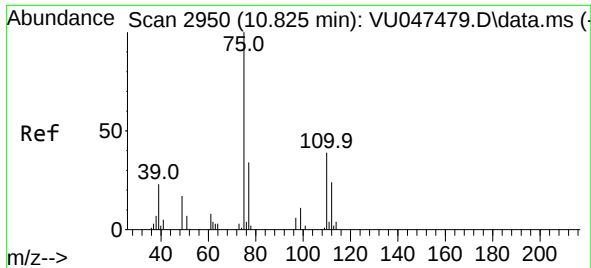
Tgt Ion: 63 Resp: 3489

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047490.D

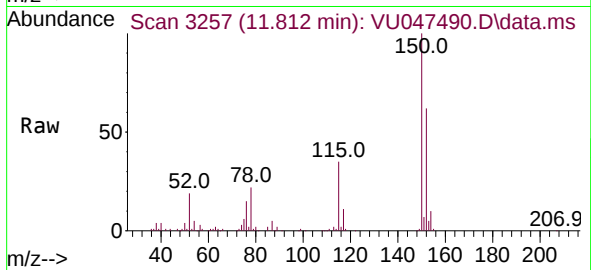
Acq: 11 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 7373

Ion Ratio Lower Upper

75 100

110 1.9 31.0 46.4#

77 32.4 26.2 39.4

