

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047491.D
 Acq On : 11 Mar 2022 14:49
 Operator : SY/MD
 Sample : N1857-13RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ8

Quant Time: Mar 12 01:35:06 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)

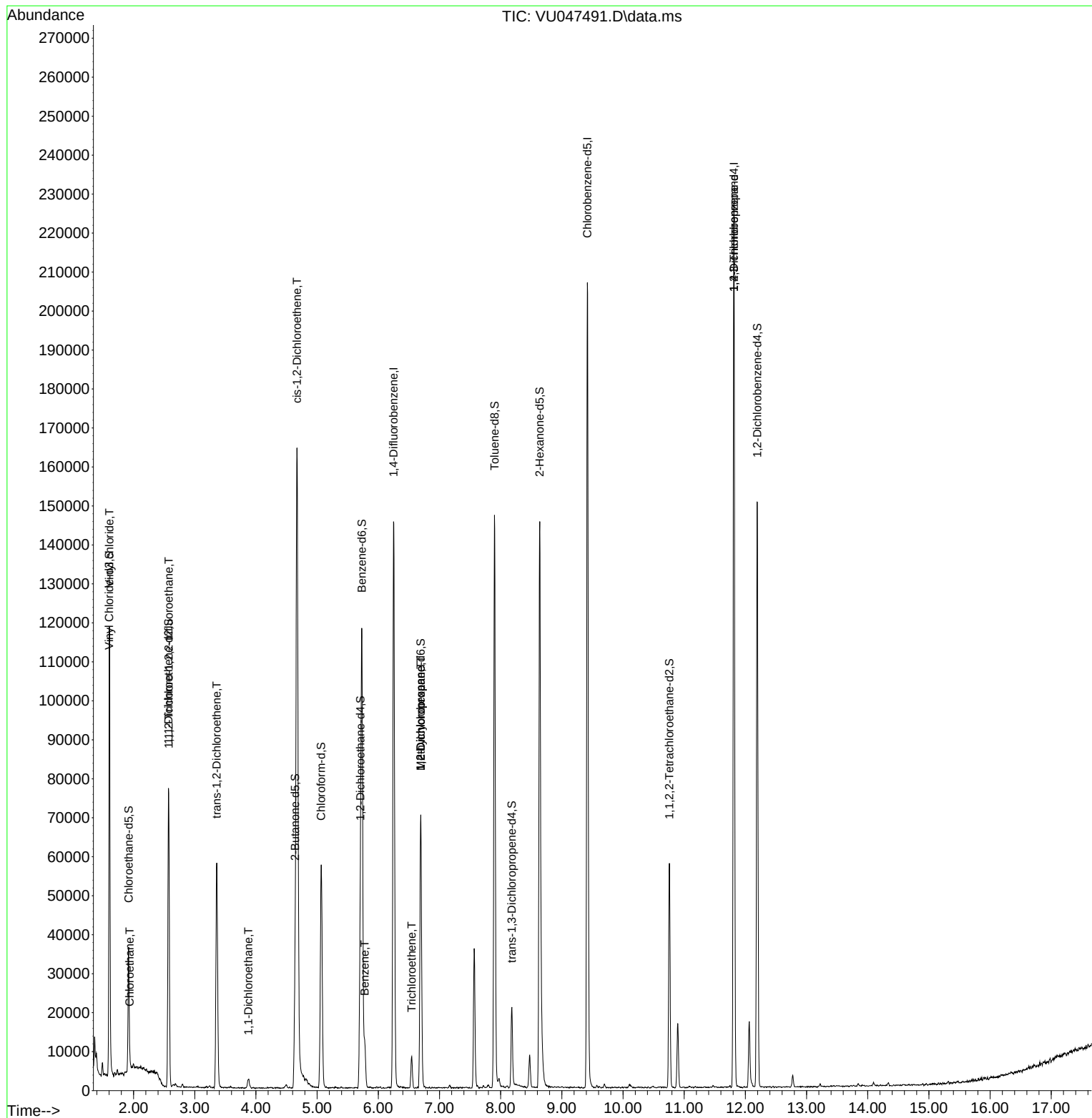
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	127213	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	122726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31366	4.546	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.919	69	24231	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.571	65	13828	4.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.642	46	59159	48.160	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.320%
24) Chloroform-d	5.066	84	53846	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.706	65	27927	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.732	84	112788	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.693	67	34226	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.899	98	103216	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.182	79	13024	4.492	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.639	63	58706	45.961	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28809	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	41823	5.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	55840	5.969	ug/L	97
8) Chloroethane	1.938	64	1288	0.227	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	388	0.051	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	25105	3.140	ug/L	99
19) 1,1-Dichloroethane	3.877	63	3231	0.238	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	83109	9.380	ug/L	98
33) Benzene	5.777	78	12052	0.364	ug/L	100
34) Trichloroethene	6.546	95	2671	0.301	ug/L	93
35) Methylcyclohexane	6.693	83	7795	0.558	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	3688	0.447	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	6782	1.132	ug/L #	67

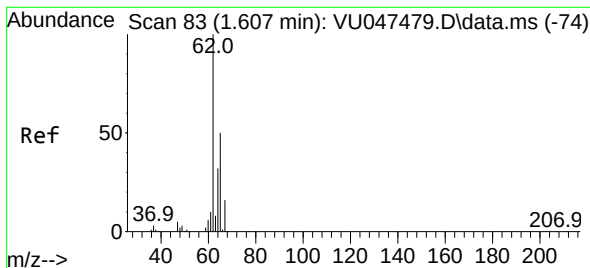
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.969 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU047491.D

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MSVOA_U

ClientSampleId :

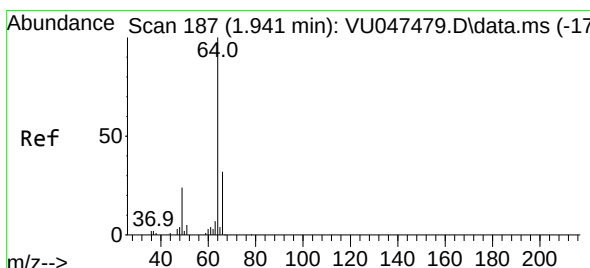
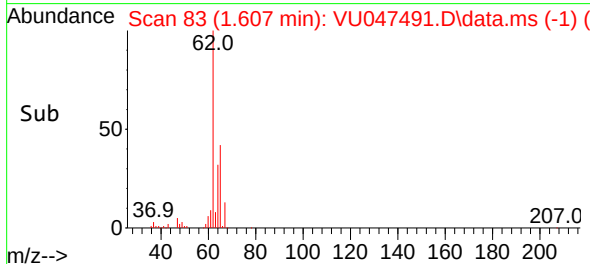
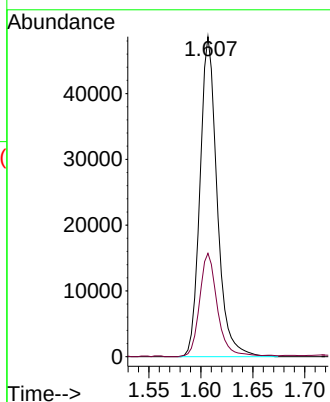
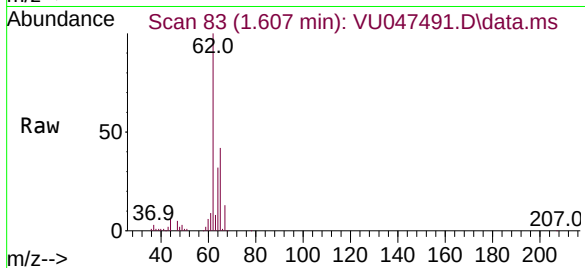
ETNJ8

Tgt Ion: 62 Resp: 55840

Ion Ratio Lower Upper

62 100

64 32.3 23.7 43.9



#8

Chloroethane

Concen: 0.227 ug/L

RT: 1.938 min Scan# 186

Delta R.T. -0.003 min

Lab File: VU047491.D

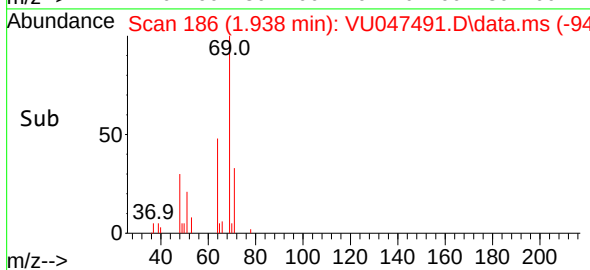
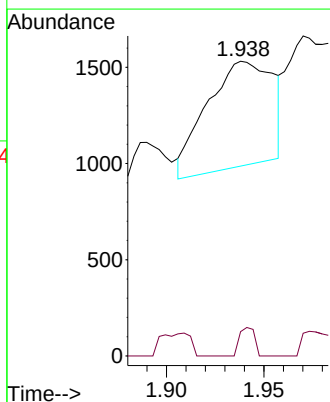
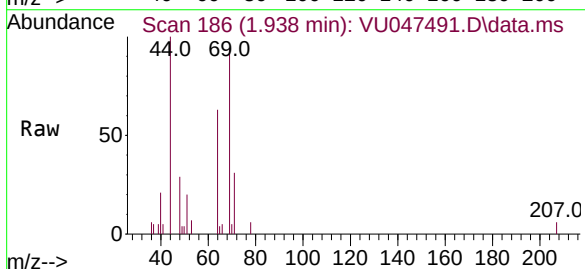
Acq: 11 Mar 2022 14:49

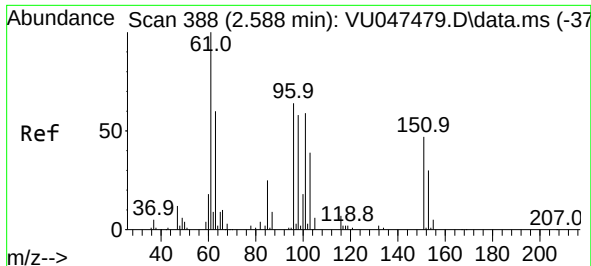
Tgt Ion: 64 Resp: 1288

Ion Ratio Lower Upper

64 100

66 7.7 22.9 42.5#

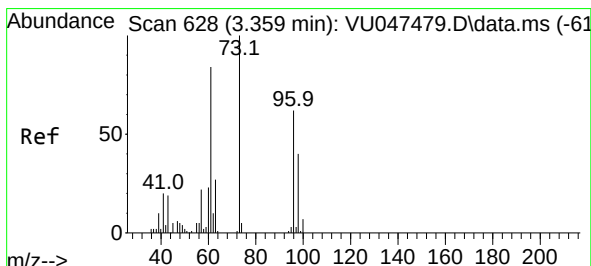
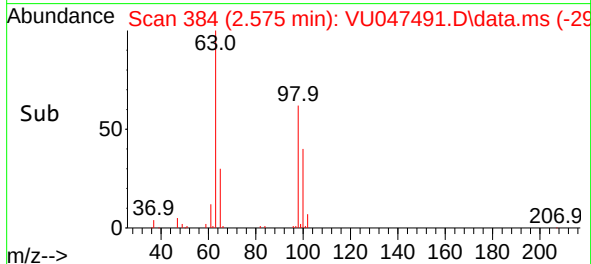
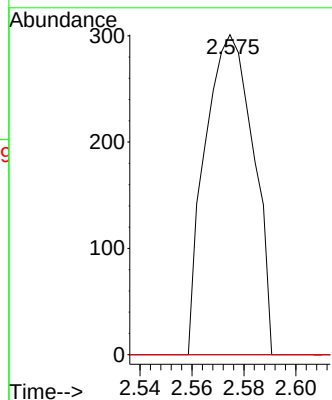
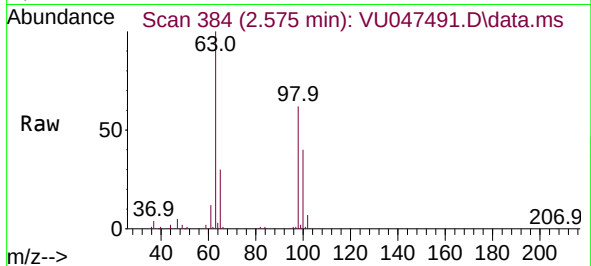




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.575 min Scan# 388
Delta R.T. -0.013 min
Lab File: VU047491.D
Acq: 11 Mar 2022 14:49

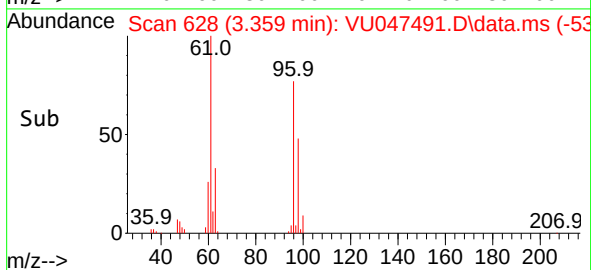
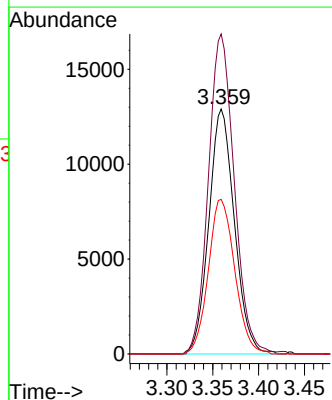
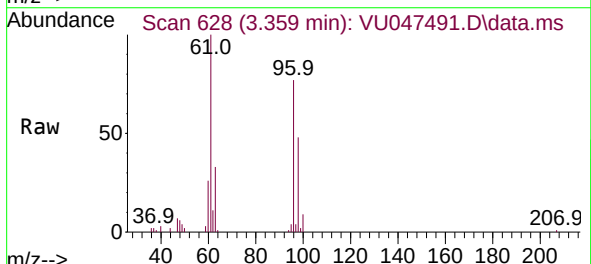
Instrument :
MSVOA_U
ClientSampleId :
ETNJ8

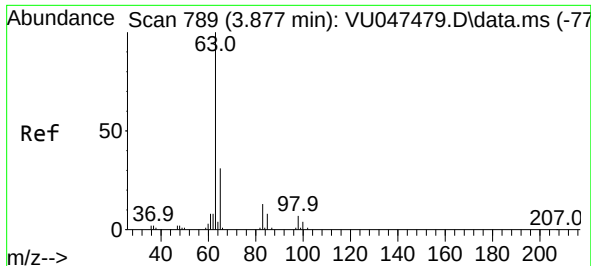
Tgt Ion:101 Resp: 388
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#



#18
trans-1,2-Dichloroethene
Concen: 3.140 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047491.D
Acq: 11 Mar 2022 14:49

Tgt Ion: 96 Resp: 25105
Ion Ratio Lower Upper
96 100
61 130.6 90.4 167.8
98 63.1 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.238 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047491.D

Acq: 11 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

ETNJ8

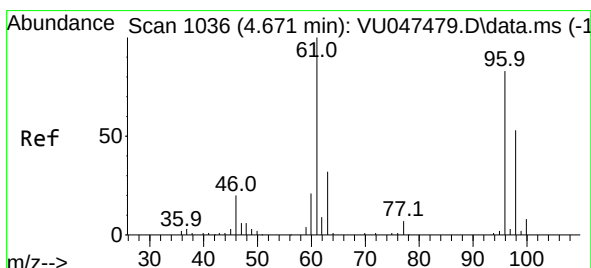
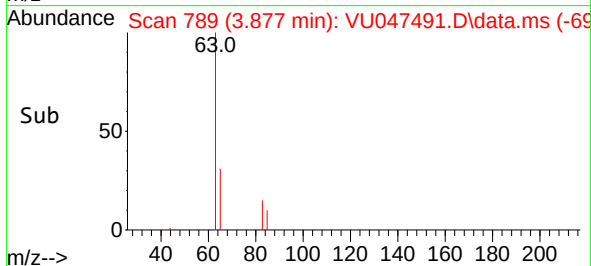
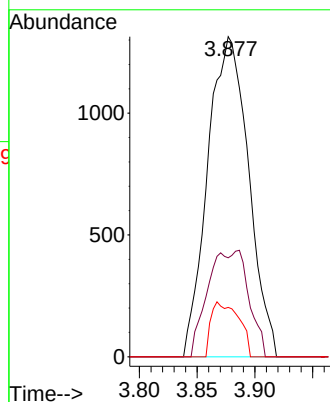
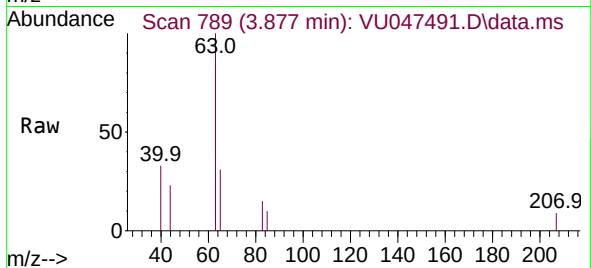
Tgt Ion: 63 Resp: 3231

Ion Ratio Lower Upper

63 100

65 30.9 22.8 42.4

83 15.4 9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 9.380 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047491.D

Acq: 11 Mar 2022 14:49

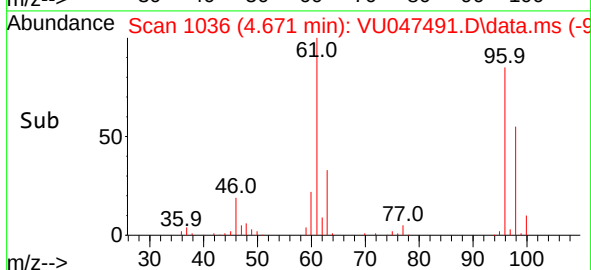
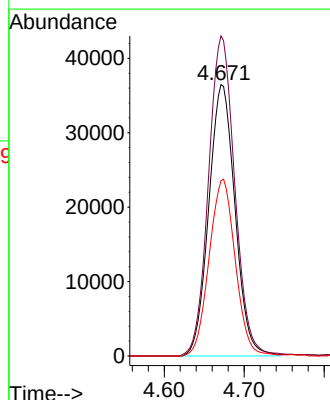
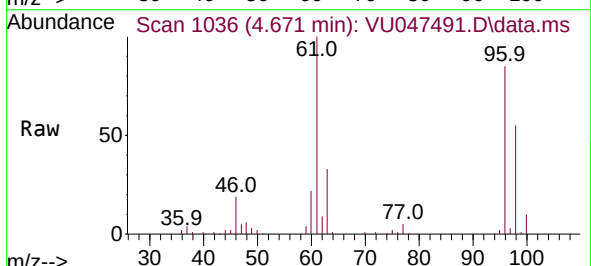
Tgt Ion: 96 Resp: 83109

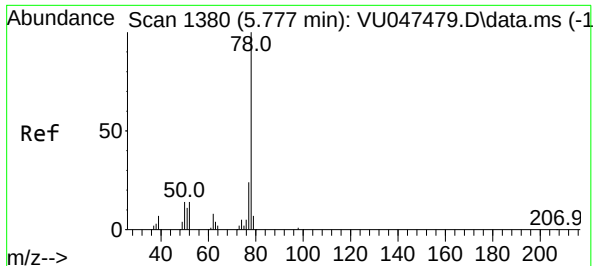
Ion Ratio Lower Upper

96 100

61 117.9 80.8 150.0

98 64.6 44.7 83.1

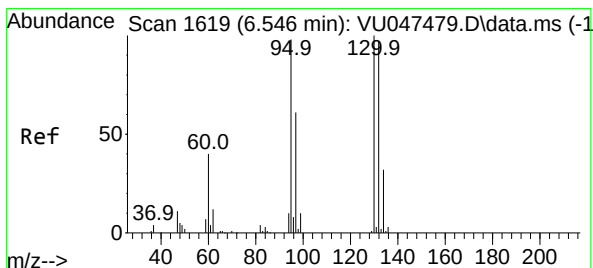
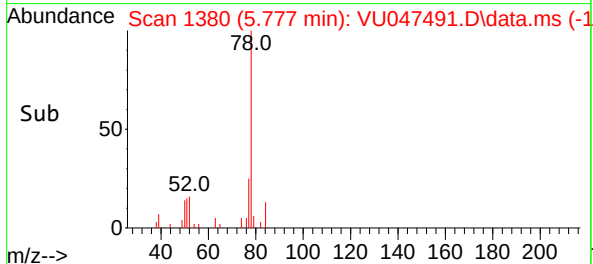
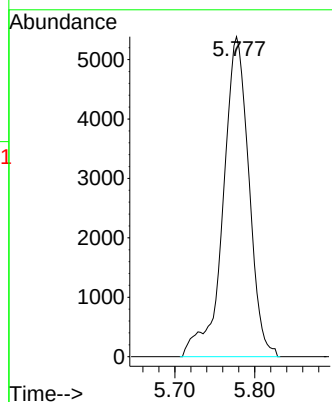
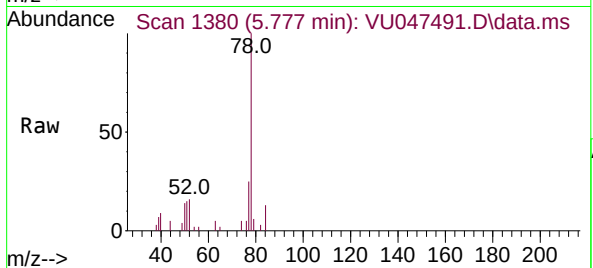




#33
Benzene
Concen: 0.364 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047491.D
Acq: 11 Mar 2022 14:49

Instrument :
MSVOA_U
ClientSampleId :
ETNJ8

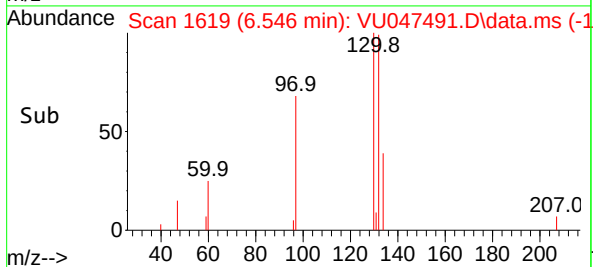
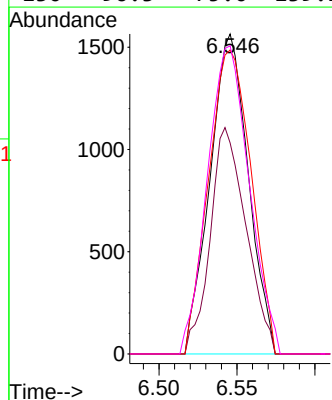
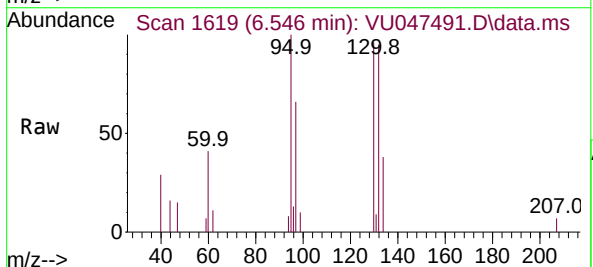
Tgt Ion: 78 Resp: 12052

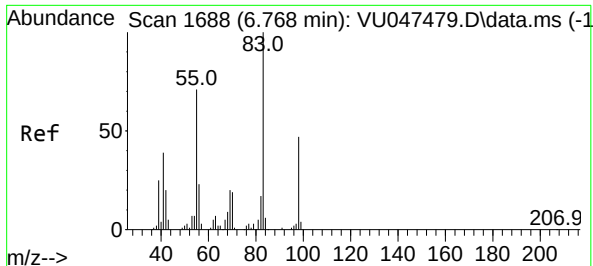


#34
Trichloroethene
Concen: 0.301 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047491.D
Acq: 11 Mar 2022 14:49

Tgt Ion: 95 Resp: 2671

Ion	Ratio	Lower	Upper
95	100		
97	65.9	46.3	85.9
132	95.0	71.7	133.1
130	96.3	75.0	139.2

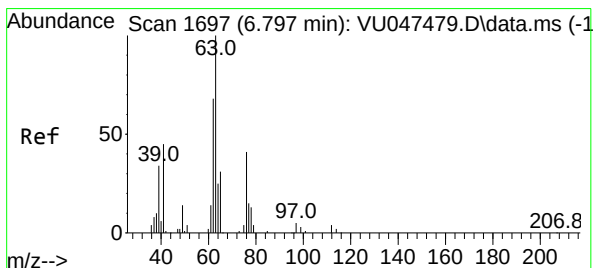
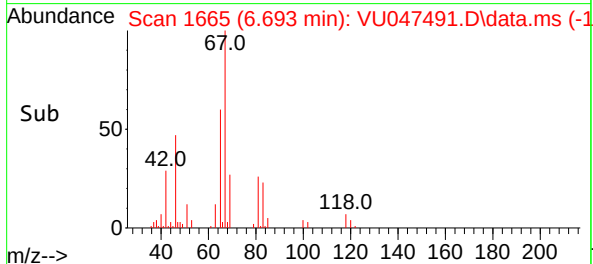
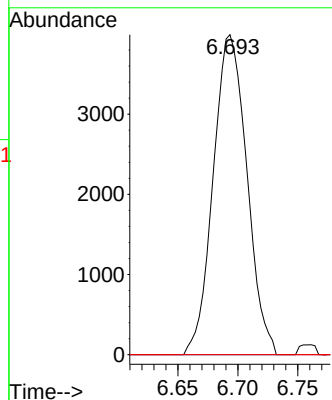
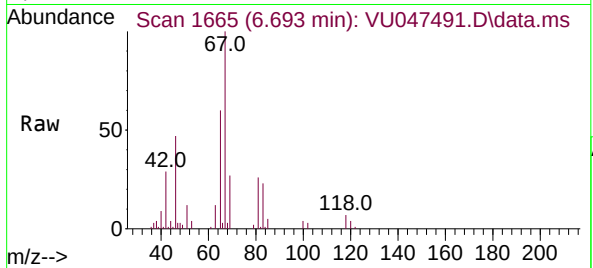




#35
Methylcyclohexane
Concen: 0.558 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047491.D
Acq: 11 Mar 2022 14:49

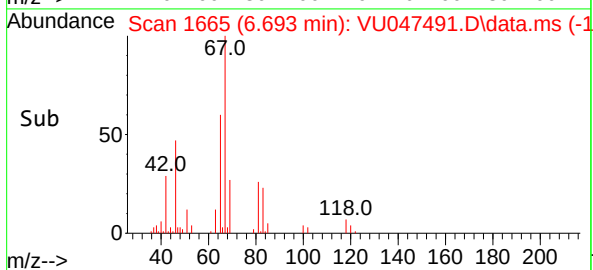
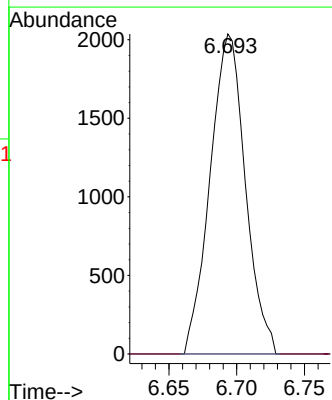
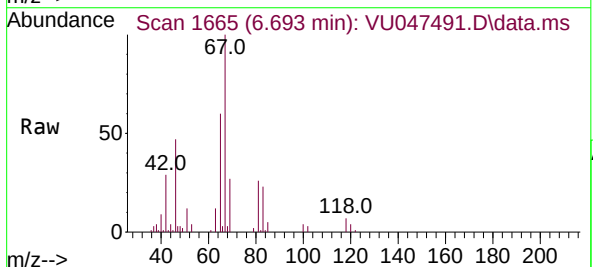
Instrument :
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ClientSampleId :
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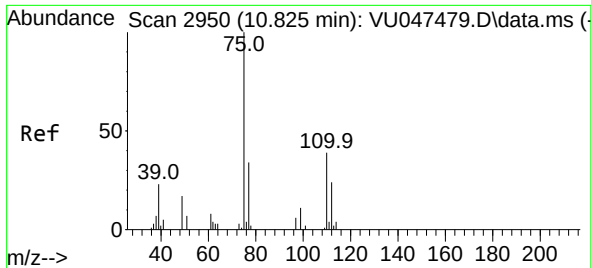
Tgt Ion: 83 Resp: 7795
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 2.0 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.447 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU047491.D
Acq: 11 Mar 2022 14:49

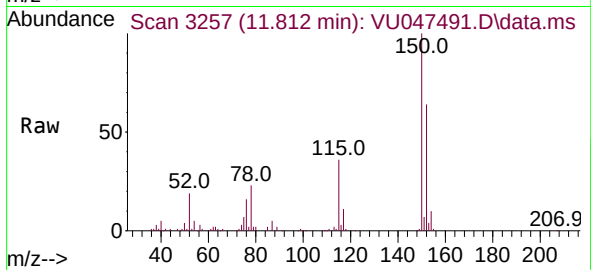
Tgt Ion: 63 Resp: 3688
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.132 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047491.D
 Acq: 11 Mar 2022 14:49

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Tgt Ion: 75 Resp: 6782
 Ion Ratio Lower Upper
 75 100
 110 1.3 31.0 46.4#
 77 32.6 26.2 39.4

