

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047444.D
 Acq On : 10 Mar 2022 08:27
 Operator : SY/MD
 Sample : N1857-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

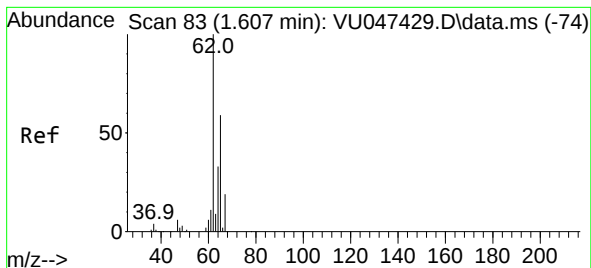
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK9

Quant Time: Mar 11 00:17:01 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	6.250	114	156262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	148355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40097	4.731	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.919	69	30955	4.975	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.572	65	18266	4.880	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.600%	
20) 2-Butanone-d5	4.649	46	74698	49.506	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.020%	
24) Chloroform-d	5.067	84	63030	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.707	65	33291	4.869	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.732	84	140046	5.019	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.694	67	41064	4.974	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.899	98	130968	4.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.179	79	15625	4.458	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.636	63	74292	48.116	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.240%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34383	4.779	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	50757	5.029	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	1973	0.172	ug/L #	59
8) Chloroethane	1.941	64	937	0.134	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	548	0.059	ug/L #	17
22) cis-1,2-Dichloroethene	4.674	96	3381	0.311	ug/L	99
27) 1,2-Dichloroethane	5.800	62	7010	0.602	ug/L	97
35) Methylcyclohexane	6.694	83	9709	0.575	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	4219	0.423	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8373	1.136	ug/L #	67

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



#5

Vinyl chloride

Concen: 0.172 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

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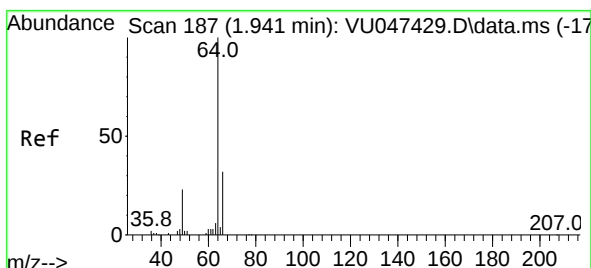
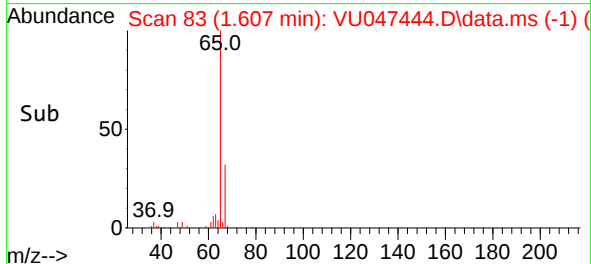
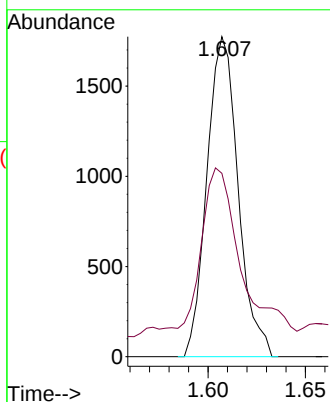
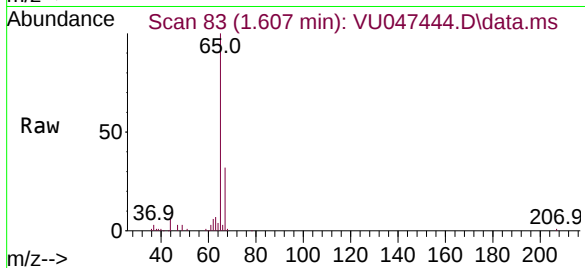
ETNK9

Tgt Ion: 62 Resp: 1973

Ion Ratio Lower Upper

62 100

64 57.3 23.7 43.9#



#8

Chloroethane

Concen: 0.134 ug/L

RT: 1.941 min Scan# 187

Delta R.T. 0.000 min

Lab File: VU047444.D

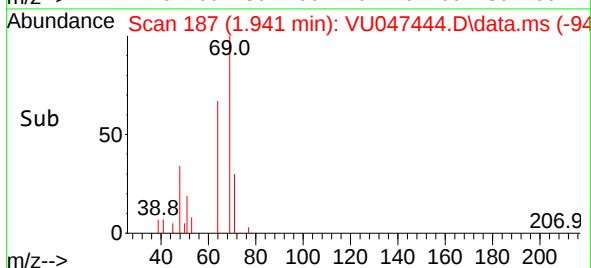
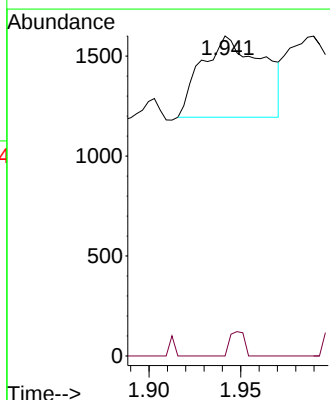
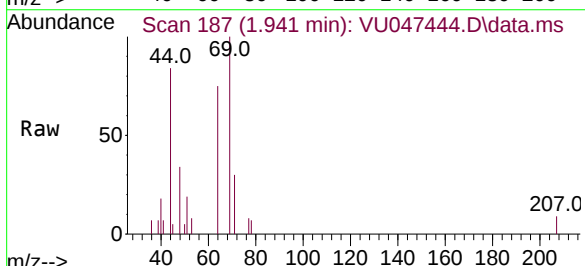
Acq: 10 Mar 2022 08:27

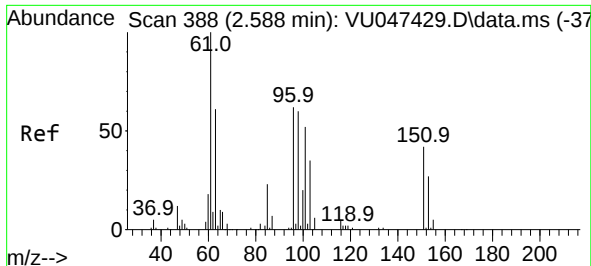
Tgt Ion: 64 Resp: 937

Ion Ratio Lower Upper

64 100

66 0.0 22.9 42.5#

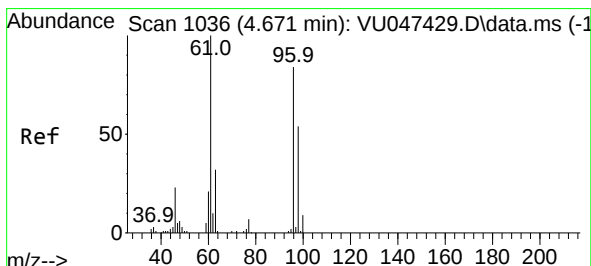
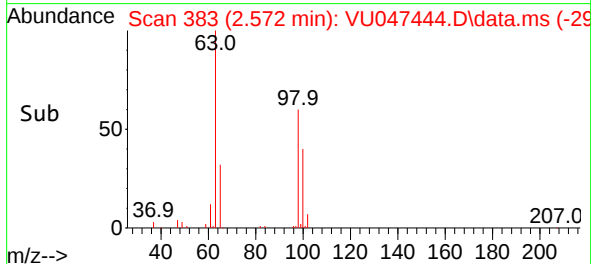
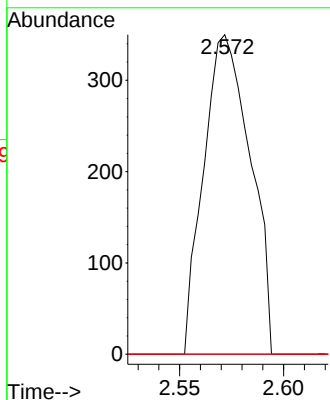
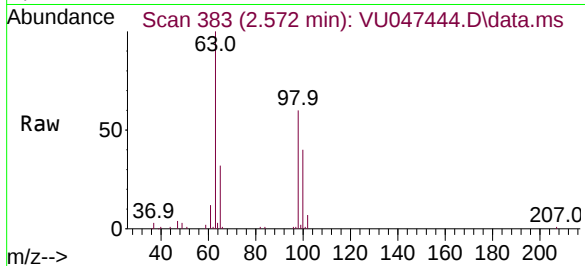




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU047444.D
Acq: 10 Mar 2022 08:27

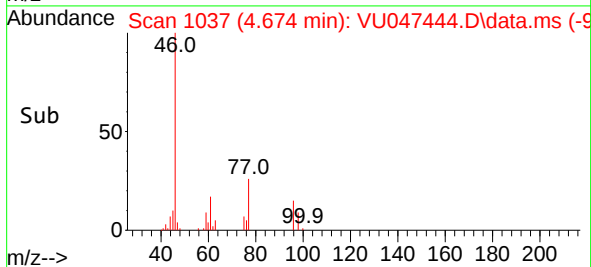
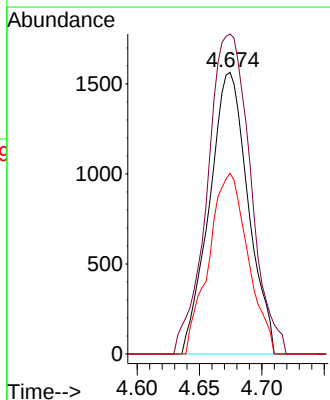
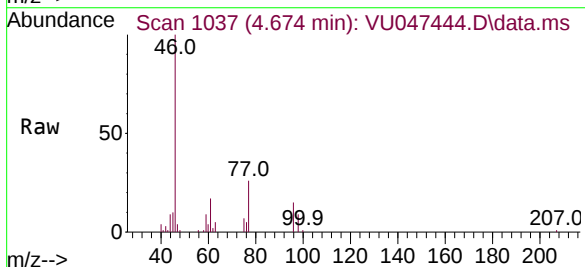
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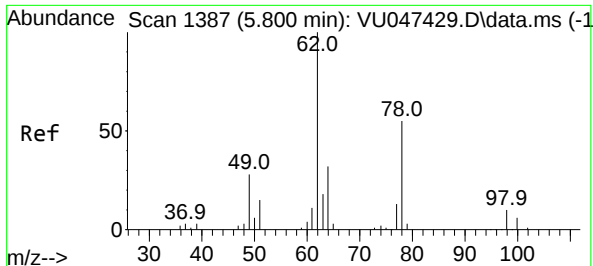
Tgt Ion:101 Resp: 548
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#



#22
cis-1,2-Dichloroethene
Concen: 0.311 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047444.D
Acq: 10 Mar 2022 08:27

Tgt Ion: 96 Resp: 3381
Ion Ratio Lower Upper
96 100
61 113.6 80.8 150.0
98 64.1 44.7 83.1

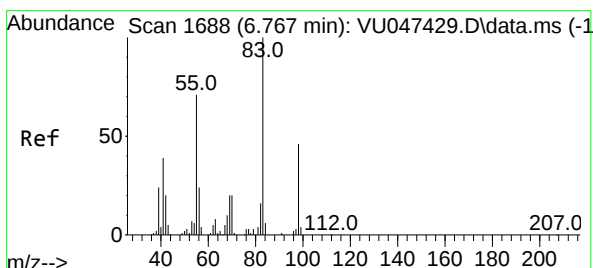
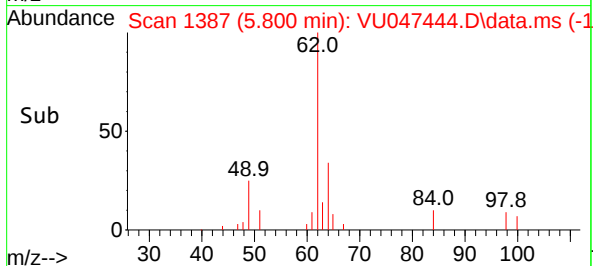
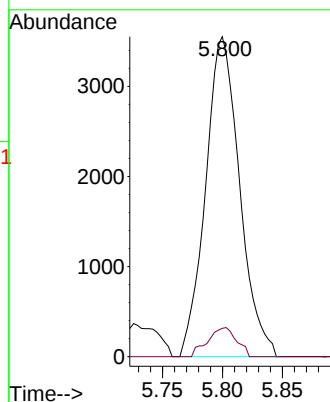
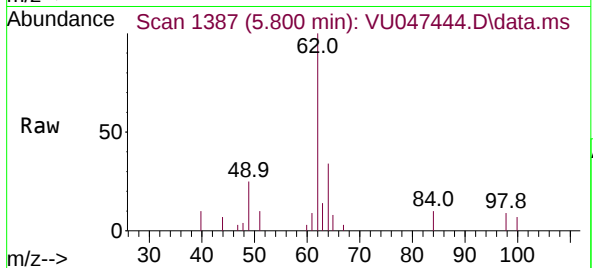




#27
1,2-Dichloroethane
Concen: 0.602 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047444.D
Acq: 10 Mar 2022 08:27

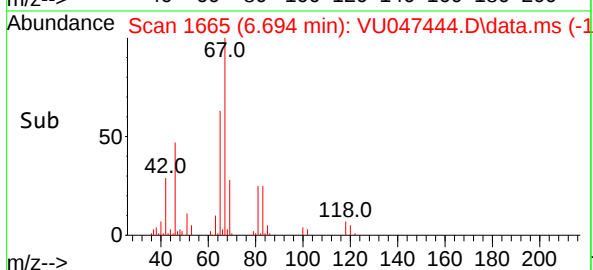
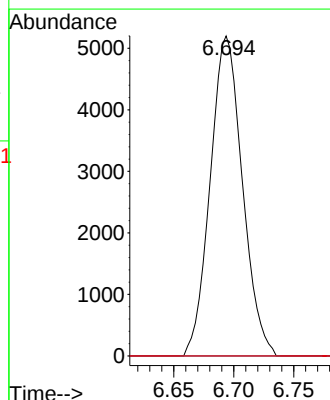
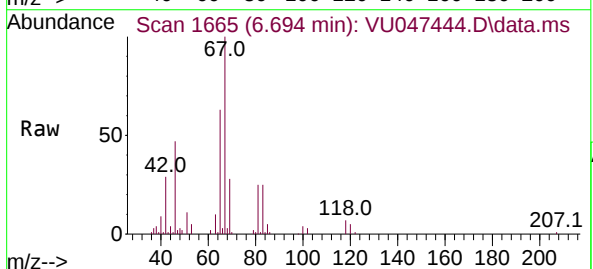
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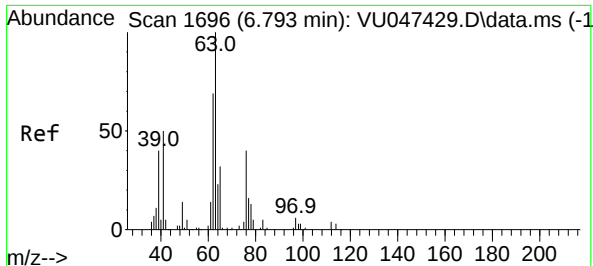
Tgt Ion: 62 Resp: 7010
Ion Ratio Lower Upper
62 100
98 8.8 7.8 11.8



#35
Methylcyclohexane
Concen: 0.575 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047444.D
Acq: 10 Mar 2022 08:27

Tgt Ion: 83 Resp: 9709
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.423 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047444.D

Acq: 10 Mar 2022 08:27

Instrument :

MSVOA_U

ClientSampleId :

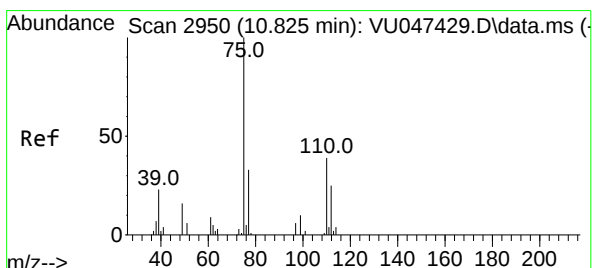
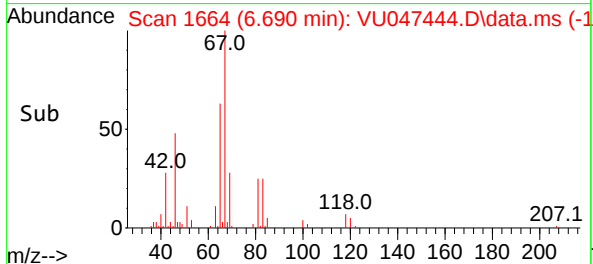
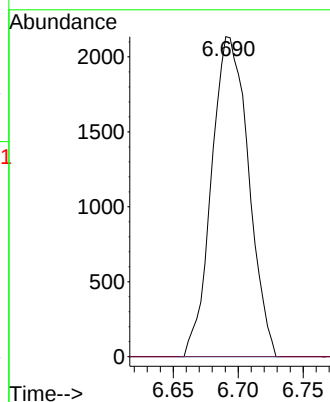
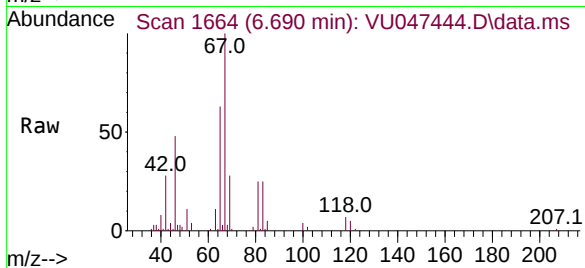
ETNK9

Tgt Ion: 63 Resp: 4219

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.136 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047444.D

Acq: 10 Mar 2022 08:27

Tgt Ion: 75 Resp: 8373

Ion Ratio Lower Upper

75 100

110 2.4 31.0 46.4#

77 33.8 26.2 39.4

