

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047562.D
 Acq On : 15 Mar 2022 01:59
 Operator : SY/MD
 Sample : N1858-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK5

Quant Time: Mar 15 06:18:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

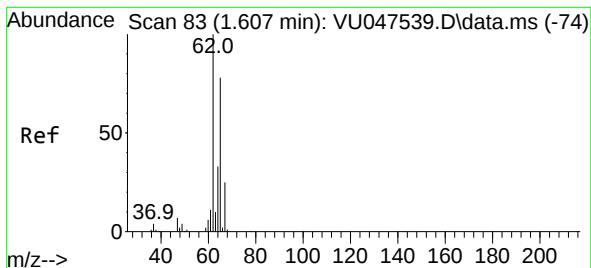
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95397	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	47986	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21135	3.388	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.919	69	17902	3.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.200%#
11) 1,1-Dichloroethene-d2	2.572	65	9718	3.322	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.646	46	50115	27.917	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.840%
24) Chloroform-d	5.067	84	42089	3.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.400%#
26) 1,2-Dichloroethane-d4	5.707	65	22426	3.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.400%#
32) Benzene-d6	5.732	84	83384	3.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.400%#
36) 1,2-Dichloropropane-d6	6.694	67	26549	3.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.200%
41) Toluene-d8	7.900	98	72551	2.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.000%#
43) trans-1,3-Dichloroprop...	8.182	79	9899	2.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.200%#
46) 2-Hexanone-d5	8.639	63	46259	24.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	48.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	25006	2.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	57.600%#
66) 1,2-Dichlorobenzene-d4	12.195	152	31134	3.105	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	62.000%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	22589	3.805	ug/L	98
8) Chloroethane	1.938	64	1739	0.485	ug/L #	64
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	266	0.054	ug/L #	18
22) cis-1,2-Dichloroethene	4.675	96	6651	1.173	ug/L	97
33) Benzene	5.777	78	5134	0.240	ug/L	100
35) Methylcyclohexane	6.694	83	6301	0.771	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	2793	0.508	ug/L #	87
61) 1,2,3-Trichloropropane	11.813	75	5043	1.253	ug/L #	66

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

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#5

Vinyl chloride

Concen: 3.805 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

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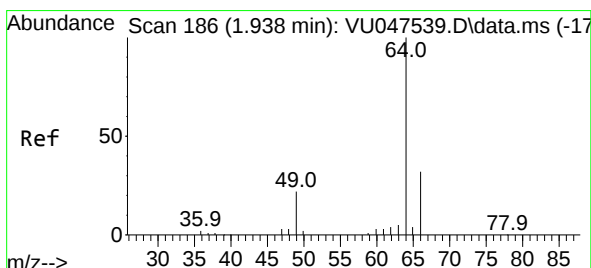
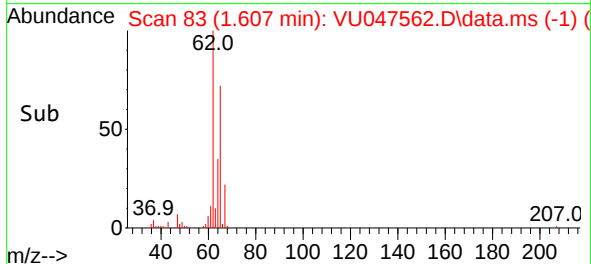
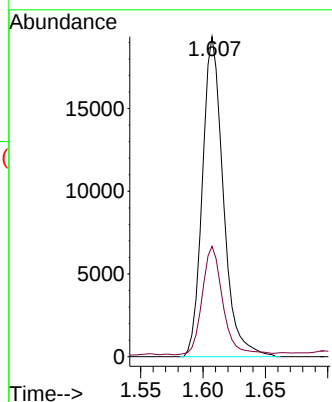
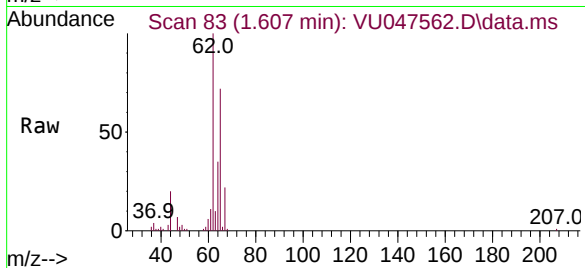
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Tgt Ion: 62 Resp: 22589

Ion Ratio Lower Upper

62 100

64 34.5 23.5 43.7



#8

Chloroethane

Concen: 0.485 ug/L

RT: 1.938 min Scan# 186

Delta R.T. 0.000 min

Lab File: VU047562.D

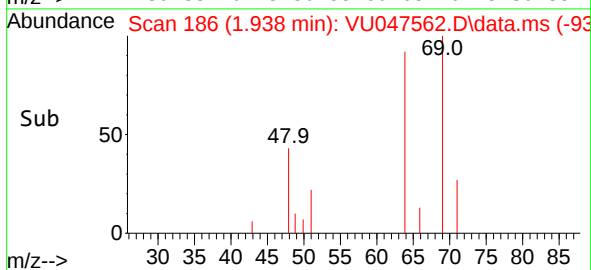
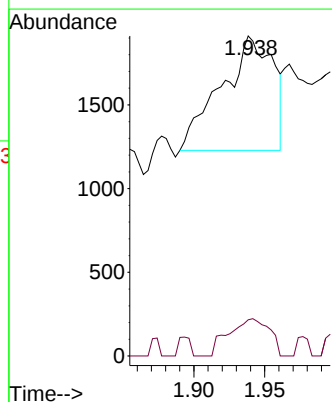
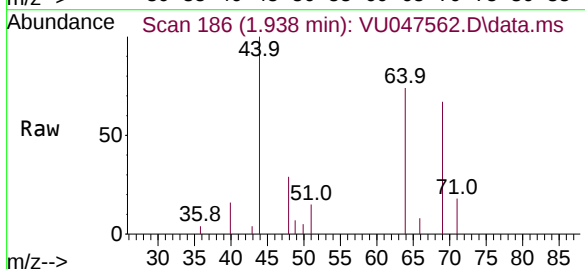
Acq: 15 Mar 2022 01:59

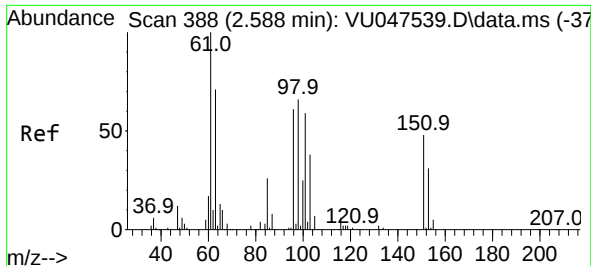
Tgt Ion: 64 Resp: 1739

Ion Ratio Lower Upper

64 100

66 11.3 22.0 40.8#

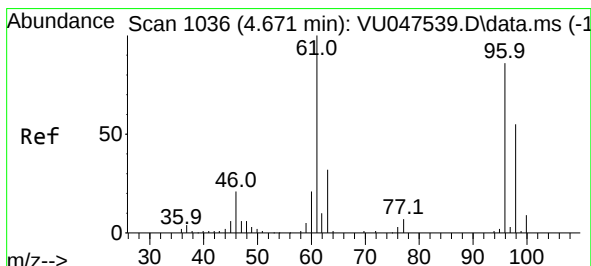
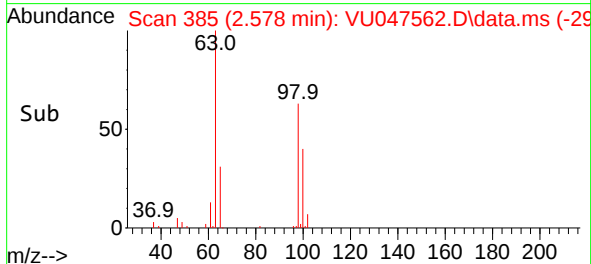
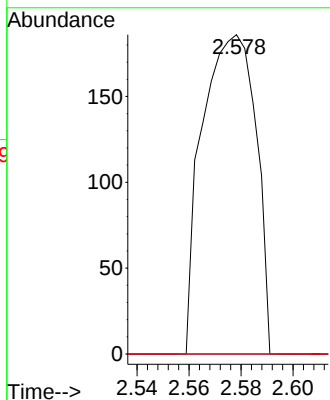
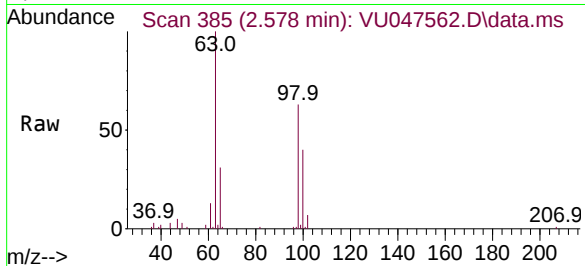




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.054 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.009 min
 Lab File: VU047562.D
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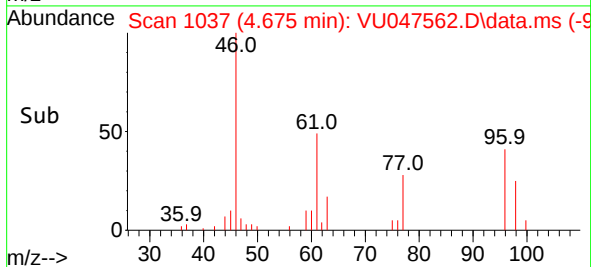
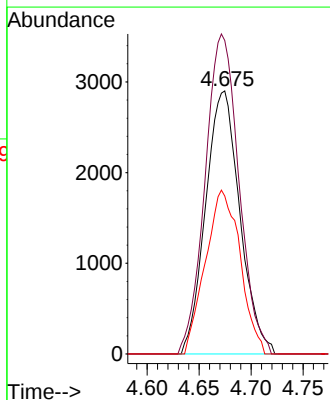
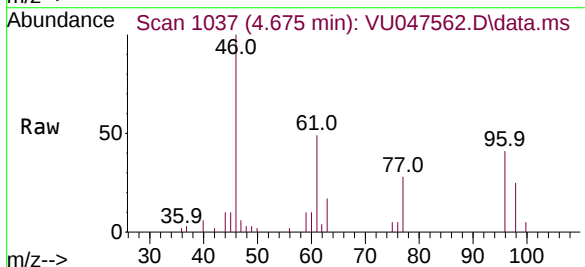
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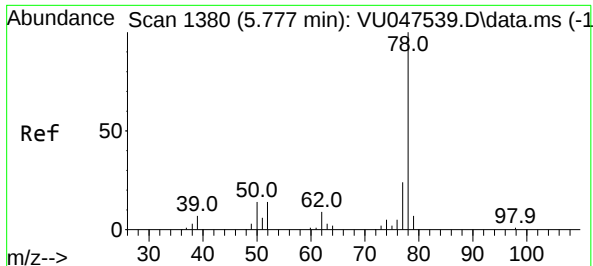
Tgt Ion:101 Resp: 266
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#



#22
 cis-1,2-Dichloroethene
 Concen: 1.173 ug/L
 RT: 4.675 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VU047562.D
 Acq: 15 Mar 2022 01:59

Tgt Ion: 96 Resp: 6651
 Ion Ratio Lower Upper
 96 100
 61 119.1 83.9 155.7
 98 60.0 46.4 86.2

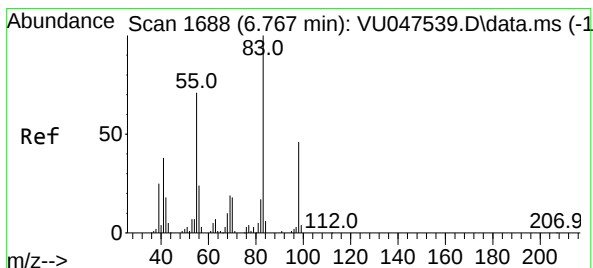
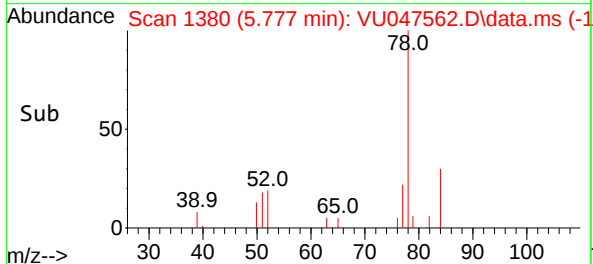
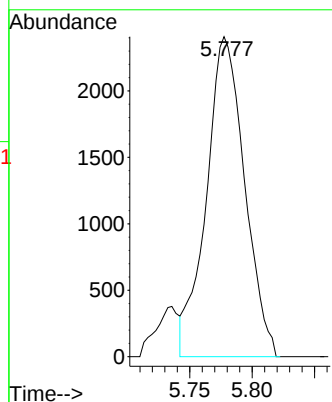
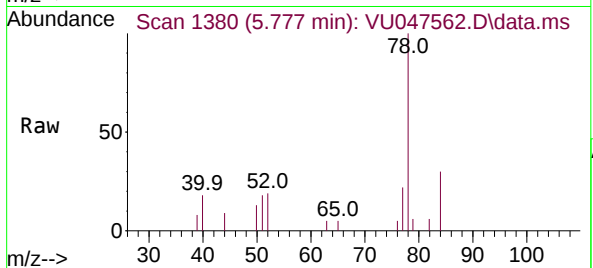




#33
Benzene
Concen: 0.240 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047562.D
Acq: 15 Mar 2022 01:59

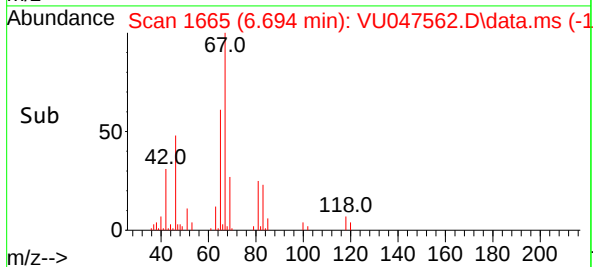
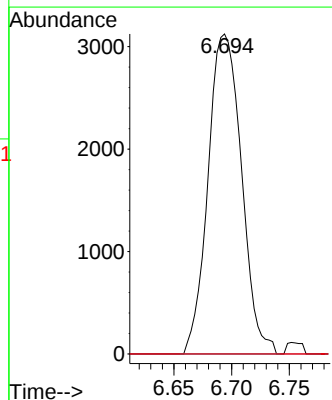
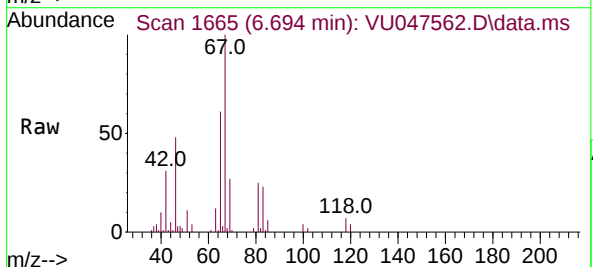
Instrument :
MSVOA_U
ClientSampleId :
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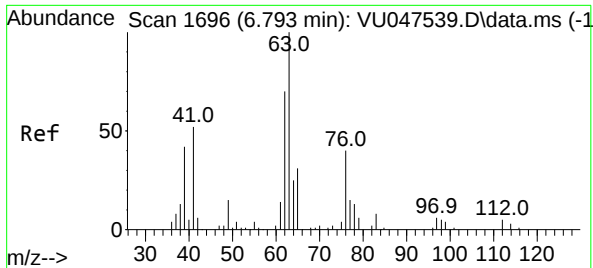
Tgt Ion: 78 Resp: 5134



#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047562.D
Acq: 15 Mar 2022 01:59

Tgt Ion: 83 Resp: 6301
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.7 37.5 56.3#

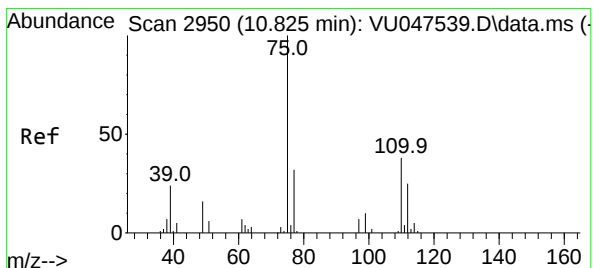
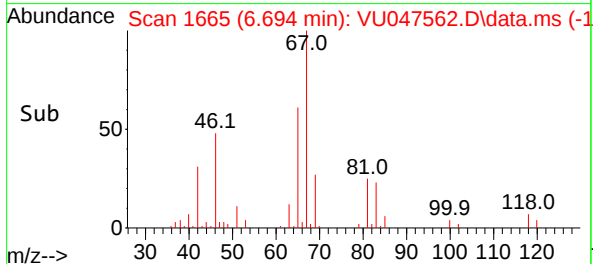
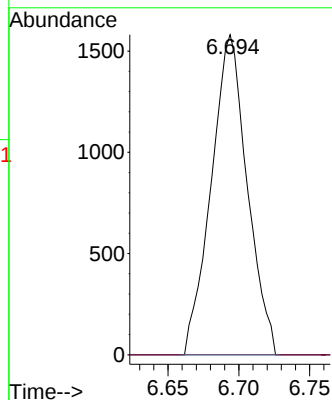
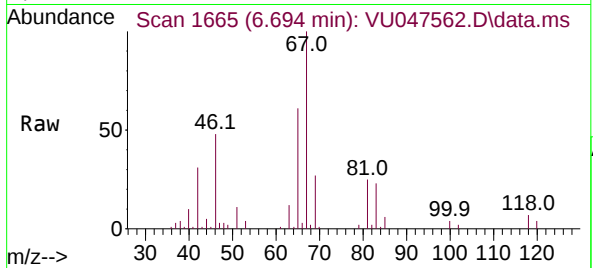




#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU047562.D
Acq: 15 Mar 2022 01:59

Instrument :
MSVOA_U
ClientSampleId :
ETNK5

Tgt Ion: 63 Resp: 2793
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.253 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047562.D
Acq: 15 Mar 2022 01:59

Tgt Ion: 75 Resp: 5043
Ion Ratio Lower Upper
75 100
110 0.0 30.2 45.4#
77 32.4 26.6 39.8

