

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046972.D
 Acq On : 01 Feb 2022 18:40
 Operator : SY/MD
 Sample : N1273-21DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

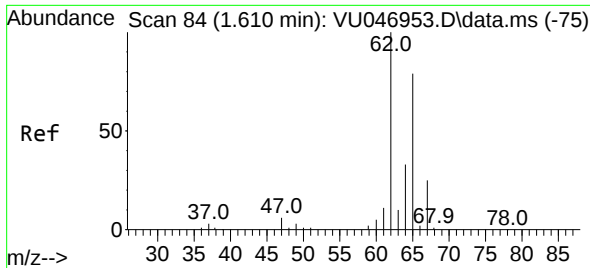
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL9DL

Quant Time: Feb 02 02:06:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98147	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48048	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49292	5.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.600%
7) Chloroethane-d5	1.919	69	38489	5.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.400%
11) 1,1-Dichloroethene-d2	2.572	65	19129	5.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.600%
20) 2-Butanone-d5	4.649	46	119535	48.517	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.040%
24) Chloroform-d	5.070	84	77837	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.707	65	42121	5.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.732	84	149867	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.694	67	49387	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.899	98	114481	3.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.182	79	17576	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.639	63	95014	37.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41571	4.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	40467	4.491	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
5) Vinyl chloride	1.607	62	3204	0.405	ug/L #	71
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	474	0.083	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	27943	5.099	ug/L	92
19) 1,1-Dichloroethane	3.874	63	2158	0.217	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	15228	2.432	ug/L	98
27) 1,2-Dichloroethane	5.735	62	827	0.118	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	761	0.076	ug/L #	79
34) Trichloroethene	6.546	95	32800	4.798	ug/L	99
35) Methylcyclohexane	6.694	83	11195	0.978	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5059	0.783	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1153	0.114	ug/L #	51
47) Tetrachloroethene	8.555	164	16955	3.050	ug/L	97
49) Dibromochloromethane	8.555	129	17061	2.632	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6056	1.488	ug/L #	64

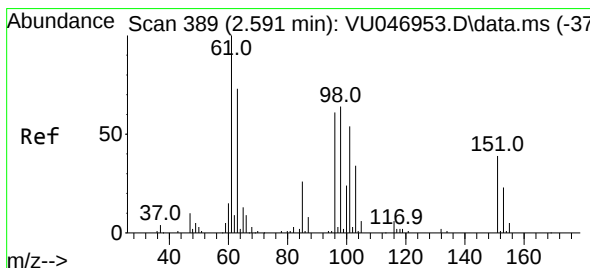
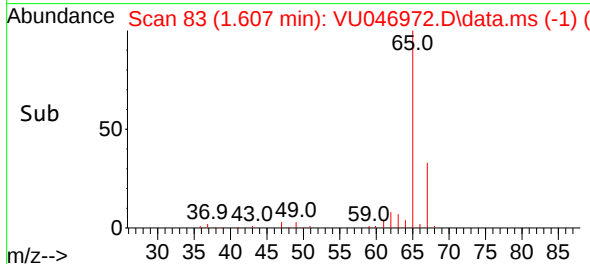
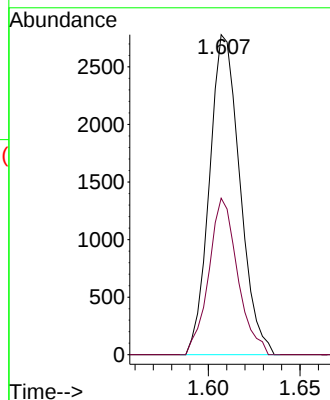
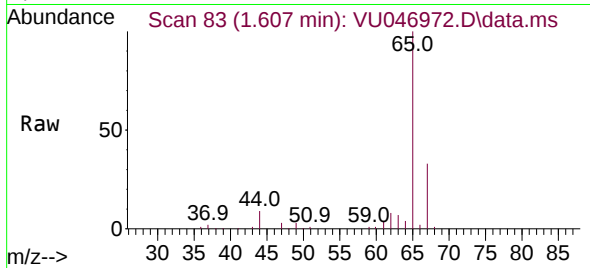
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.405 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046972.D
 Acq: 01 Feb 2022 18:40

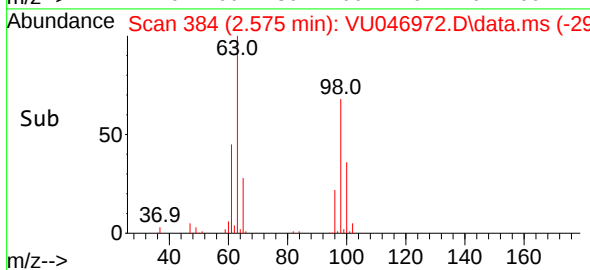
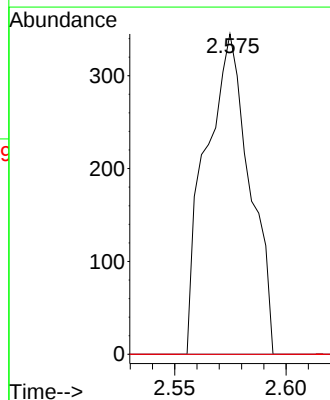
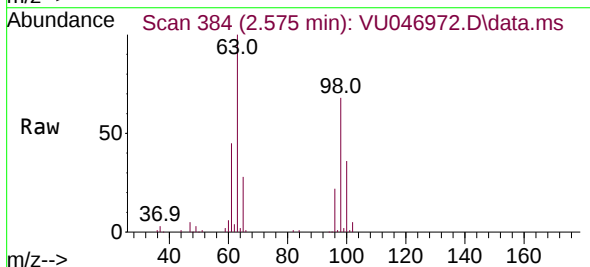
Instrument :
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 ClientSampleId :
 C0HL9DL

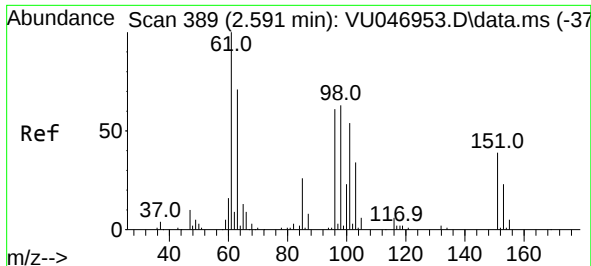
Tgt Ion: 62 Resp: 3204
 Ion Ratio Lower Upper
 62 100
 64 48.9 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.083 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU046972.D
 Acq: 01 Feb 2022 18:40

Tgt Ion: 101 Resp: 474
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 5.099 ug/L

RT: 2.588 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046972.D

Acq: 01 Feb 2022 18:40

Instrument :

MSVOA_U

ClientSampleId :

COHL9DL

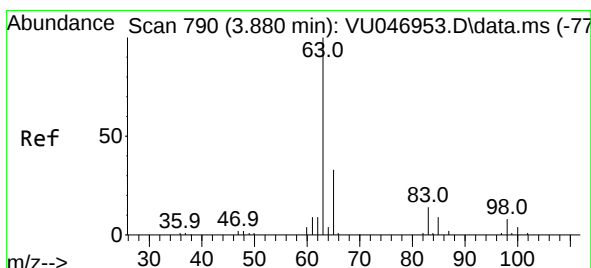
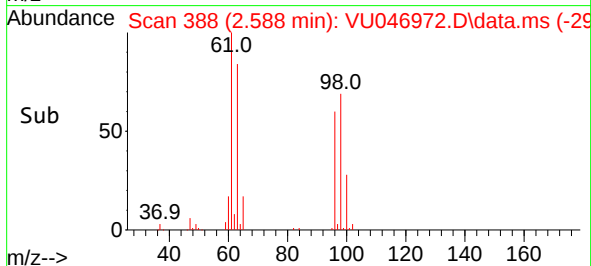
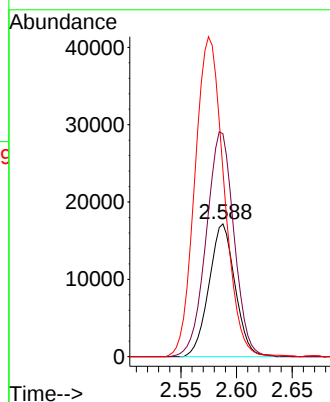
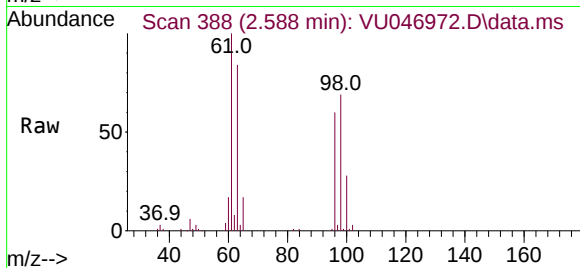
Tgt Ion: 96 Resp: 27943

Ion Ratio Lower Upper

96 100

61 167.8 124.7 231.5

63 140.3 105.2 195.4



#19

1,1-Dichloroethane

Concen: 0.217 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.006 min

Lab File: VU046972.D

Acq: 01 Feb 2022 18:40

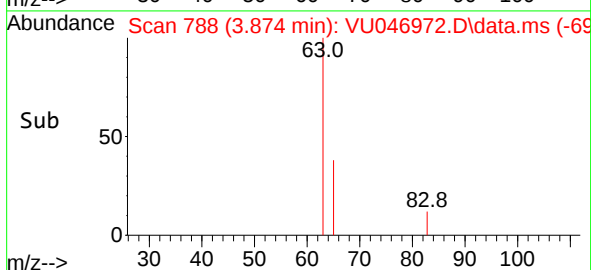
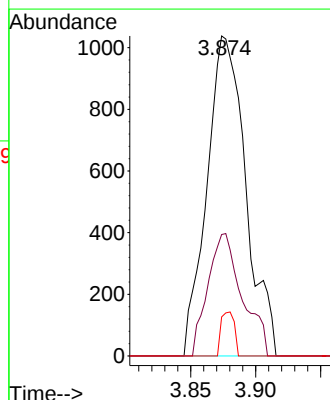
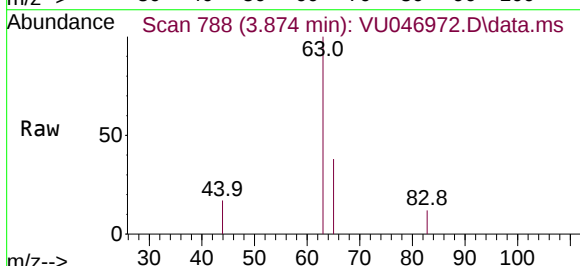
Tgt Ion: 63 Resp: 2158

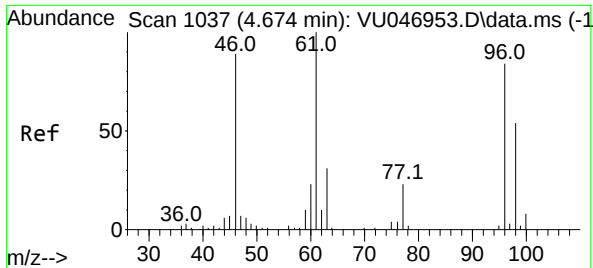
Ion Ratio Lower Upper

63 100

65 38.0 22.3 41.5

83 12.2 9.6 17.8

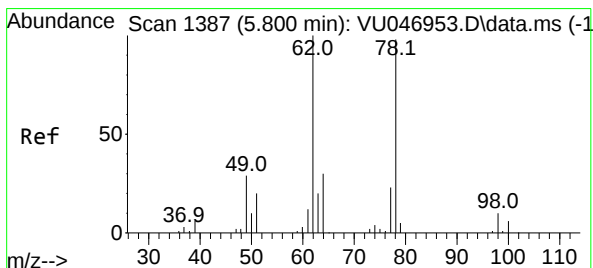
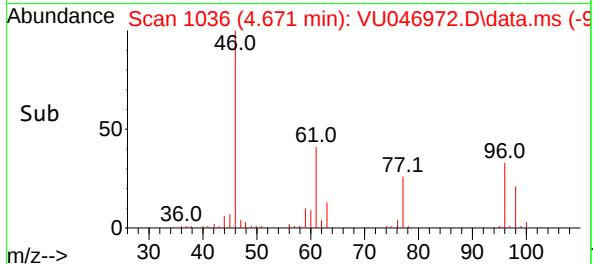
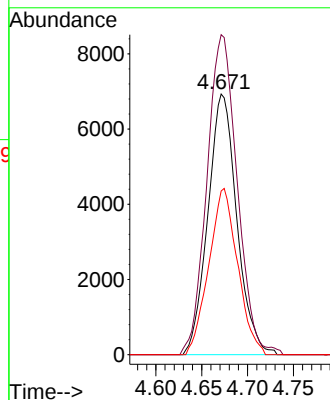
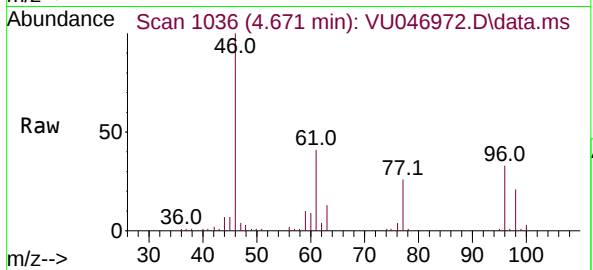




#22
 cis-1,2-Dichloroethene
 Concen: 2.432 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046972.D
 Acq: 01 Feb 2022 18:40

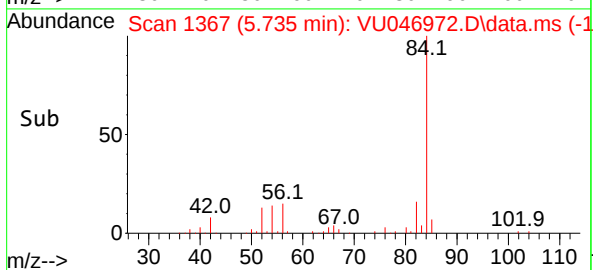
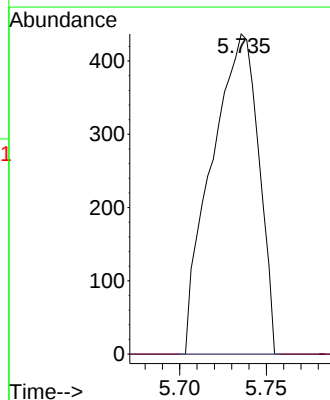
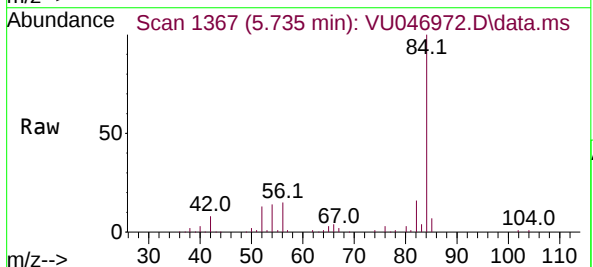
Instrument :
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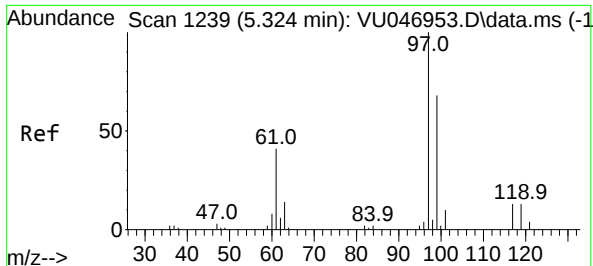
Tgt Ion: 96 Resp: 15228
 Ion Ratio Lower Upper
 96 100
 61 122.8 88.5 164.3
 98 62.8 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.118 ug/L
 RT: 5.735 min Scan# 1367
 Delta R.T. -0.064 min
 Lab File: VU046972.D
 Acq: 01 Feb 2022 18:40

Tgt Ion: 62 Resp: 827
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#

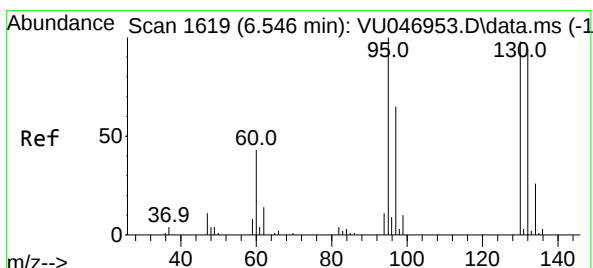
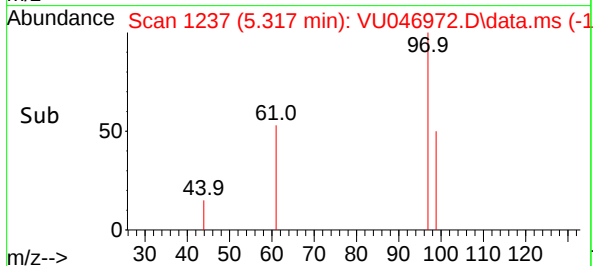
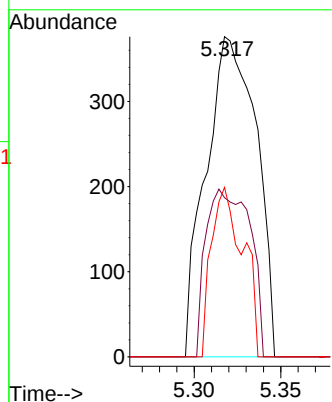
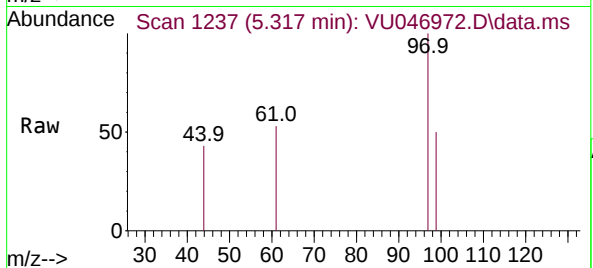




#29
1,1,1-Trichloroethane
Concen: 0.076 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

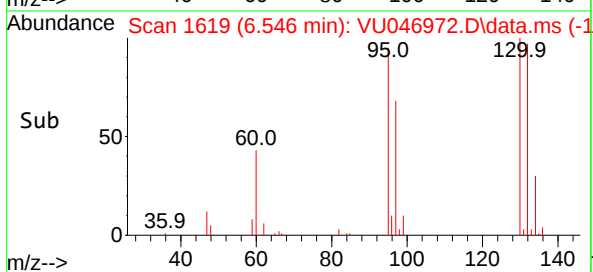
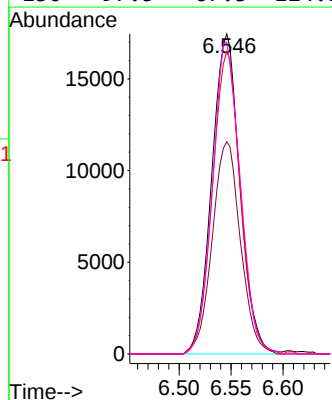
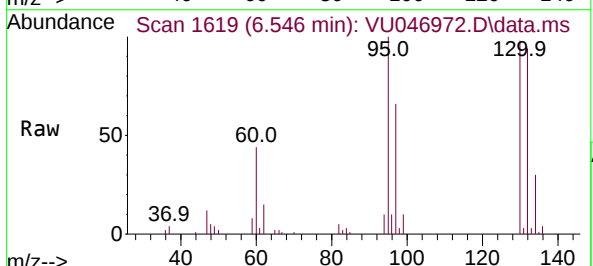
Instrument :
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ClientSampleId :
C0HL9DL

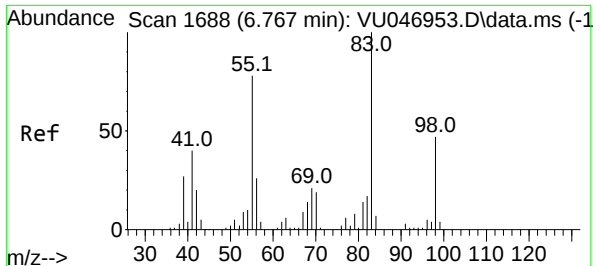
Tgt Ion: 97 Resp: 761
Ion Ratio Lower Upper
97 100
99 45.9 51.3 76.9#
61 33.4 36.1 54.1#



#34
Trichloroethene
Concen: 4.798 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

Tgt Ion: 95 Resp: 32800
Ion Ratio Lower Upper
95 100
97 66.3 46.5 86.5
132 94.5 65.1 120.9
130 97.5 67.3 124.9

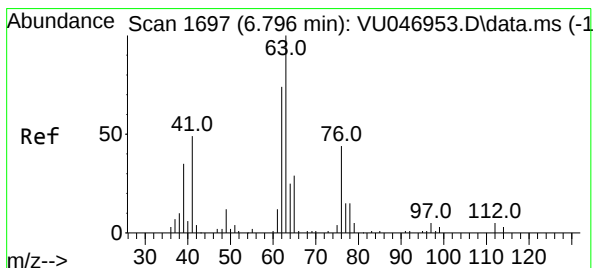
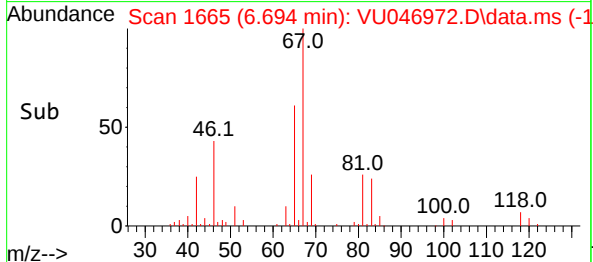
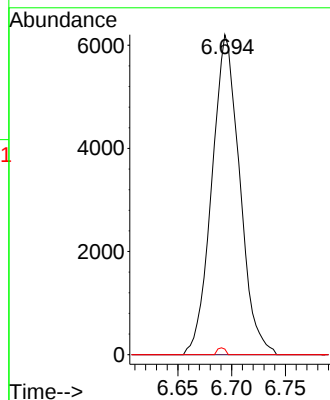
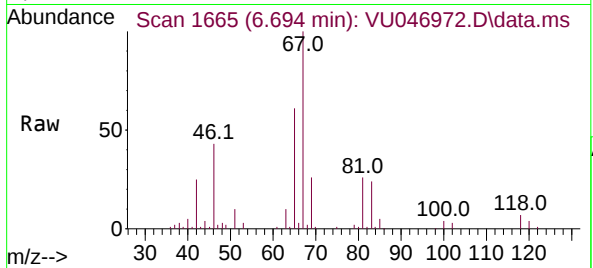




#35
Methylcyclohexane
Concen: 0.978 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

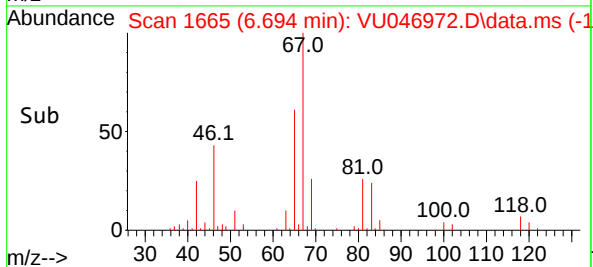
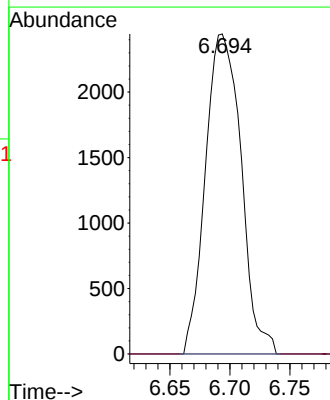
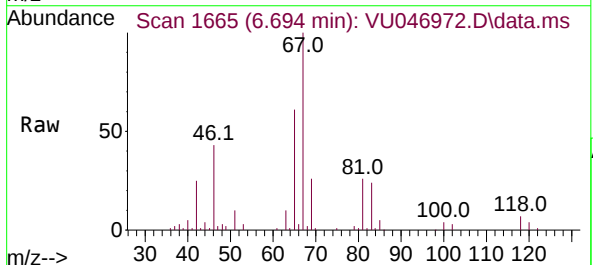
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ClientSampleId :
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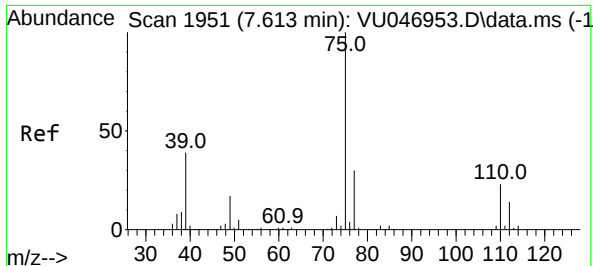
Tgt Ion: 83 Resp: 11195
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.6 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.783 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

Tgt Ion: 63 Resp: 5059
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

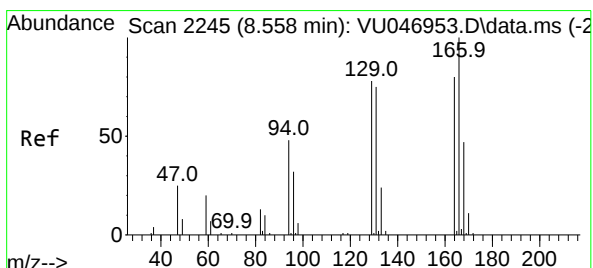
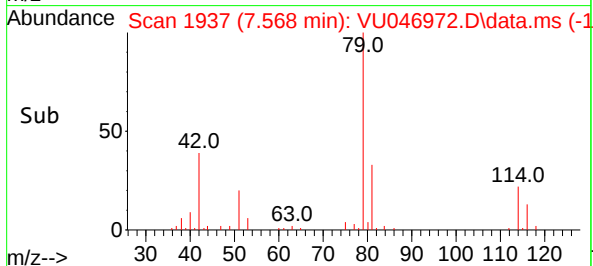
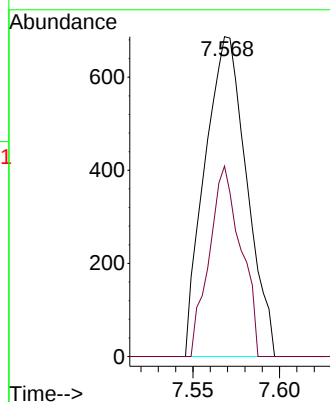
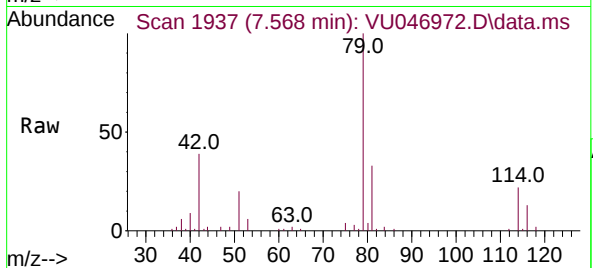




#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.568 min Scan# 1951
Delta R.T. -0.045 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

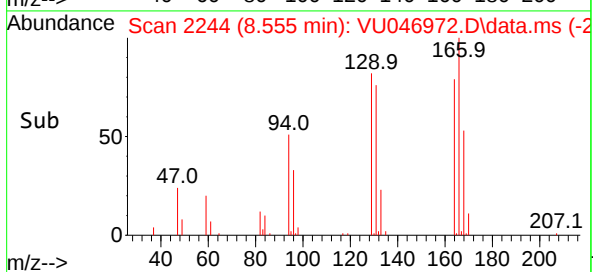
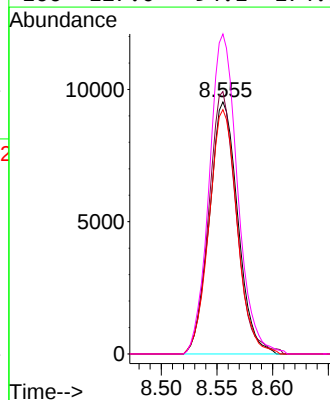
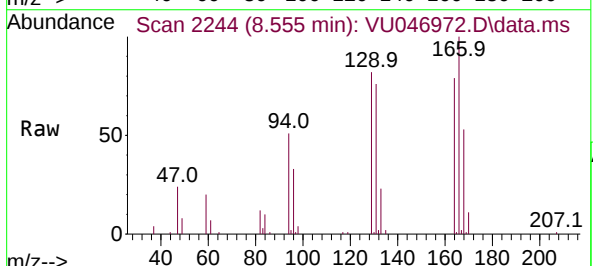
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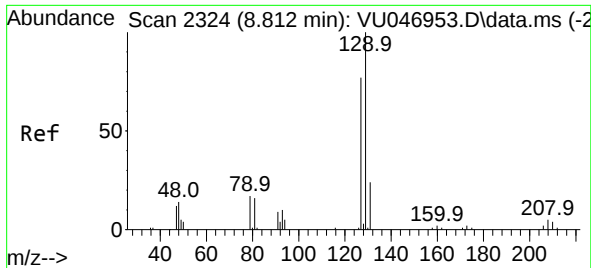
Tgt Ion: 75 Resp: 1153
Ion Ratio Lower Upper
75 100
77 59.5 22.5 41.9#



#47
Tetrachloroethene
Concen: 3.050 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

Tgt Ion:164 Resp: 16955
Ion Ratio Lower Upper
164 100
129 104.1 71.8 133.4
131 97.0 68.5 127.3
166 127.0 94.1 174.8

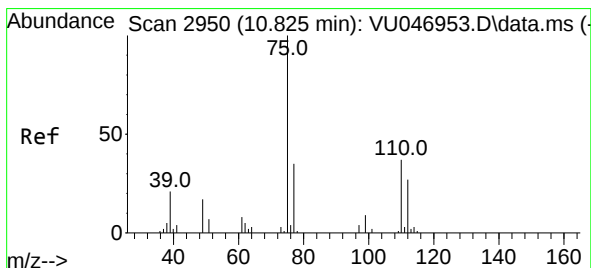
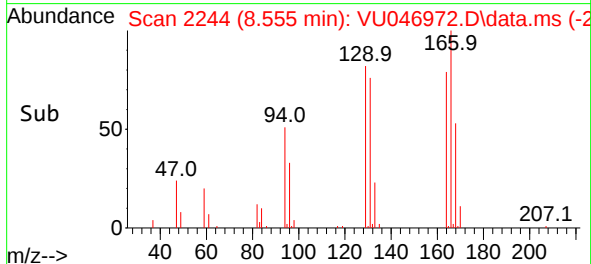
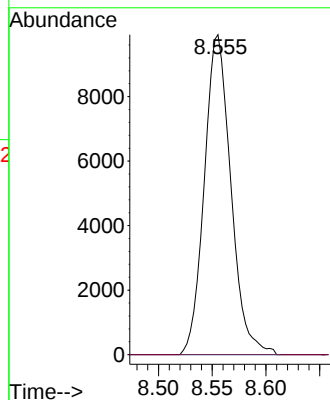
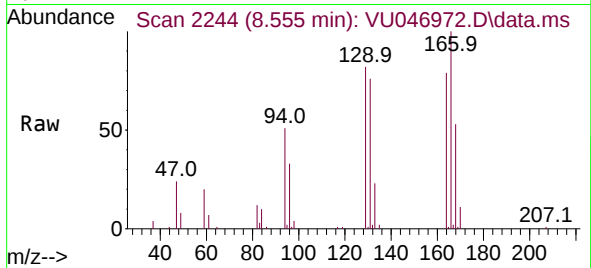




#49
Dibromochloromethane
Concen: 2.632 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

Instrument :
MSVOA_U
ClientSampleId :
C0HL9DL

Tgt Ion:129 Resp: 17061
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.488 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

Tgt Ion: 75 Resp: 6056
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 29.4 25.5 38.3

