

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047018.D
 Acq On : 03 Feb 2022 13:48
 Operator : SY/MD
 Sample : N1328-04DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:46:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

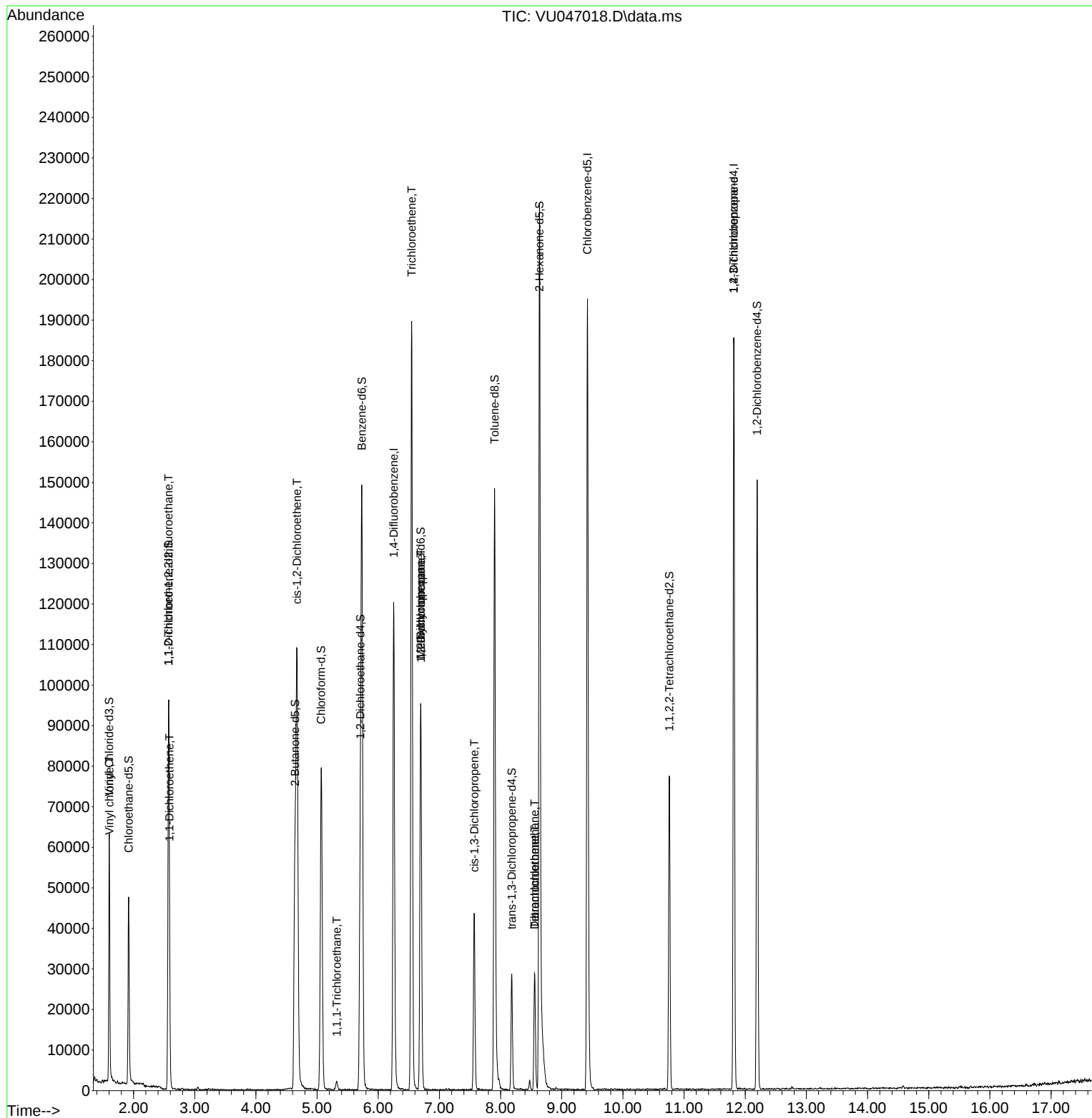
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42947	5.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.919	69	36290	5.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.571	65	16995	5.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.639	46	103484	41.672	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.340%
24) Chloroform-d	5.066	84	75296	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.706	65	39704	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.732	84	141434	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.693	67	47004	4.545	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.902	98	108235	3.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	8.182	79	16596	3.654	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.635	63	76012	28.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39376	3.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40996	4.440	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
5) Vinyl chloride	1.607	62	2542	0.319	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	415	0.072	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	5721	1.036	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	47037	7.453	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	1866	0.177	ug/L	88
34) Trichloroethene	6.546	95	65518	9.146	ug/L	97
35) Methylcyclohexane	6.693	83	10839	0.903	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4828	0.713	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	962	0.091	ug/L #	41
47) Tetrachloroethene	8.555	164	6892	1.183	ug/L	92
49) Dibromochloromethane	8.558	129	6589	0.970	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6045	1.449	ug/L #	66

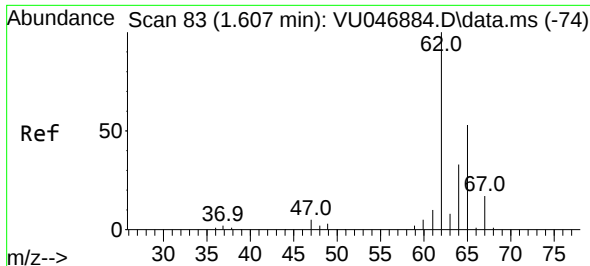
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

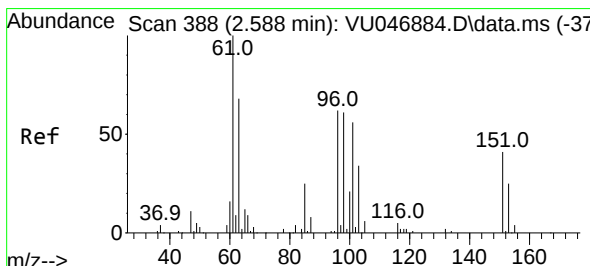
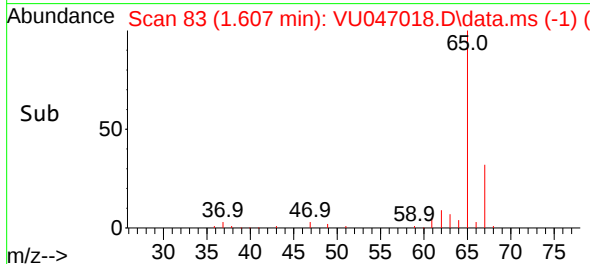
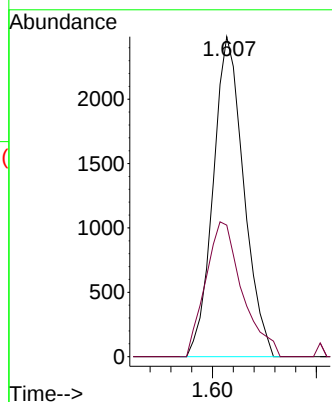
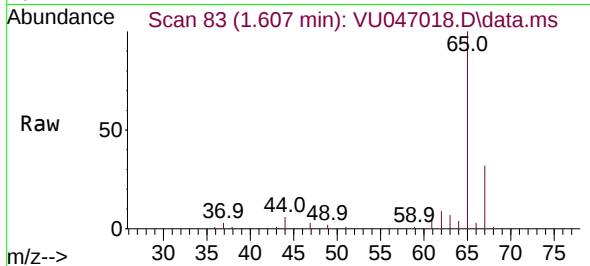




#5
 Vinyl chloride
 Concen: 0.319 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047018.D
 Acq: 03 Feb 2022 13:48

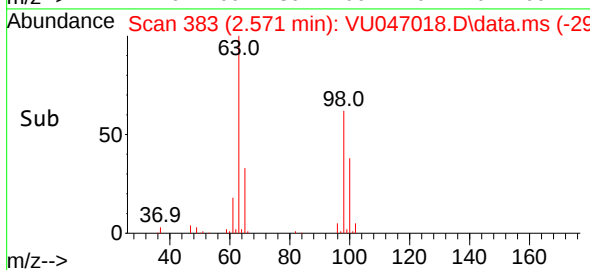
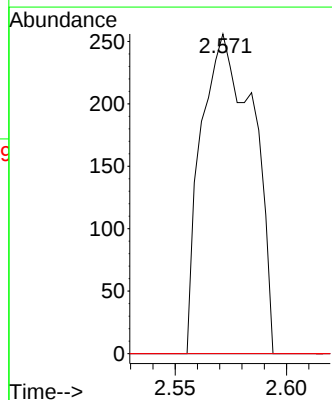
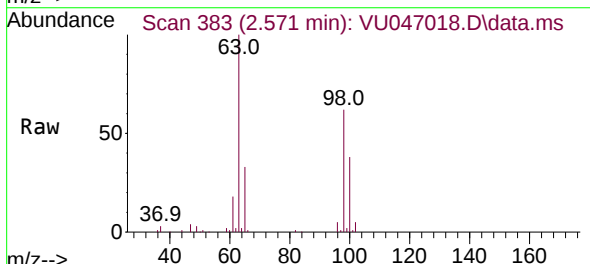
Instrument :
 MSVOA_U
 ClientSampleId :

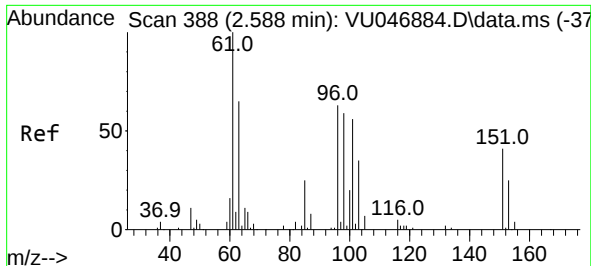
Tgt Ion: 62 Resp: 2542
 Ion Ratio Lower Upper
 62 100
 64 41.1 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.072 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.020 min
 Lab File: VU047018.D
 Acq: 03 Feb 2022 13:48

Tgt Ion: 101 Resp: 415
 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: 1.036 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047018.D

Acq: 03 Feb 2022 13:48

Instrument :

MSVOA_U

ClientSampleId :

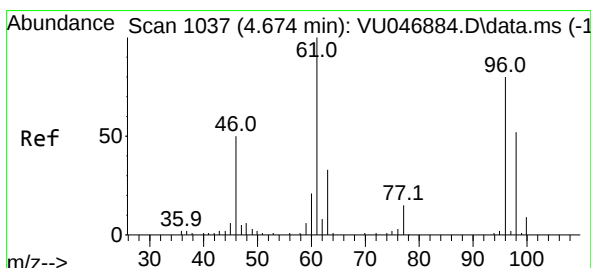
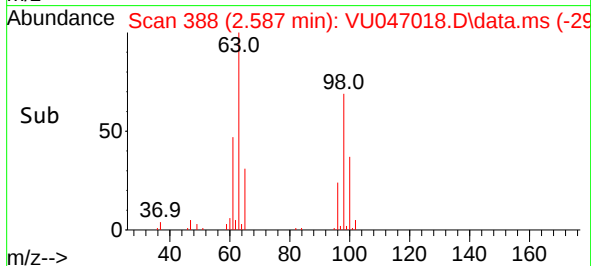
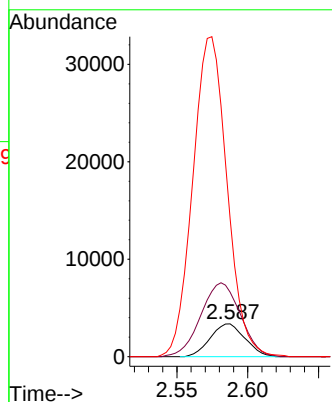
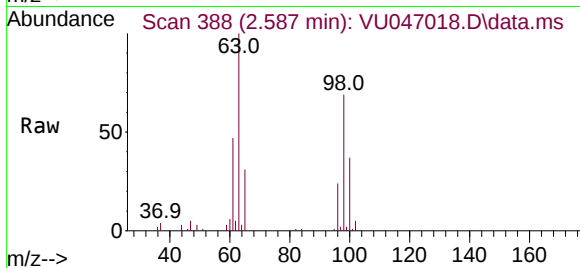
Tgt Ion: 96 Resp: 5721

Ion Ratio Lower Upper

96 100

61 196.7 124.7 231.5

63 421.7 105.2 195.4#



#22

cis-1,2-Dichloroethene

Concen: 7.453 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047018.D

Acq: 03 Feb 2022 13:48

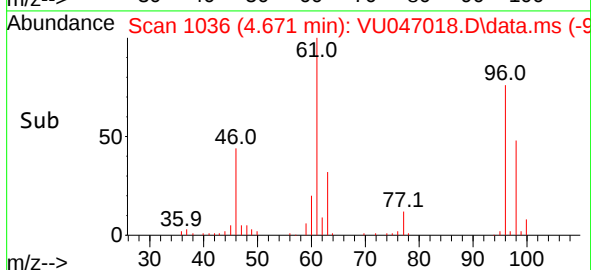
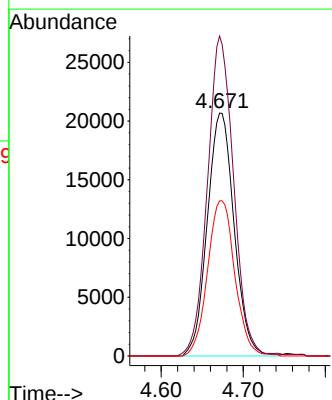
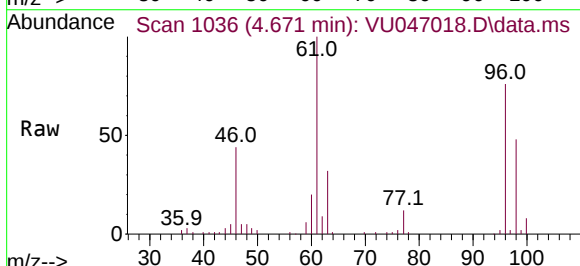
Tgt Ion: 96 Resp: 47037

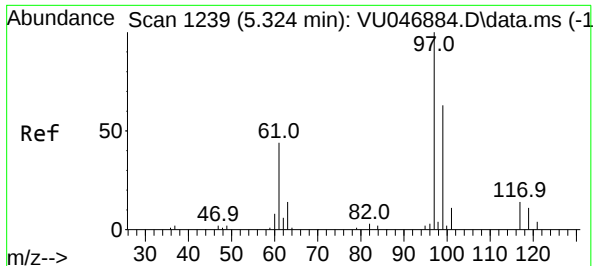
Ion Ratio Lower Upper

96 100

61 131.7 88.5 164.3

98 63.8 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.177 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047018.D

Acq: 03 Feb 2022 13:48

Instrument :

MSVOA_U

ClientSampleId :

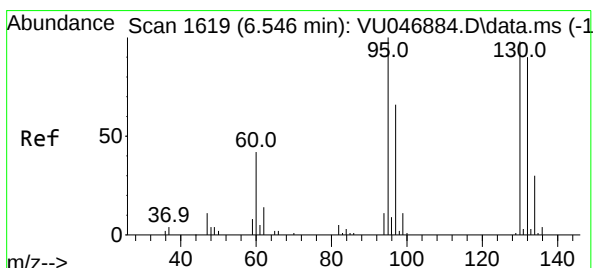
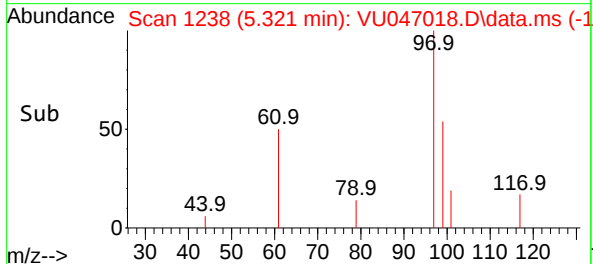
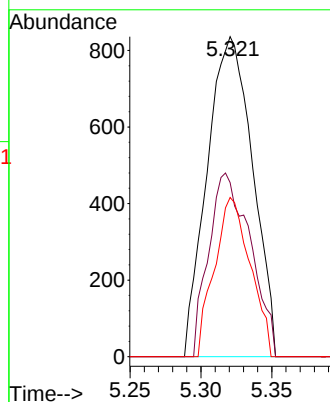
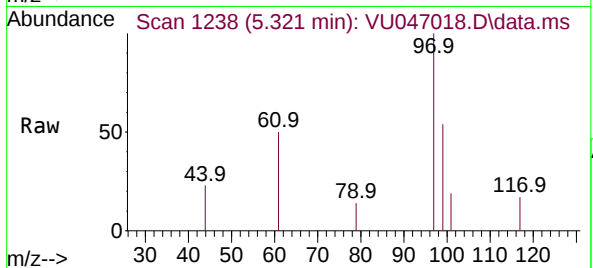
Tgt Ion: 97 Resp: 1866

Ion Ratio Lower Upper

97 100

99 52.6 51.3 76.9

61 39.2 36.1 54.1



#34

Trichloroethene

Concen: 9.146 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047018.D

Acq: 03 Feb 2022 13:48

Tgt Ion: 95 Resp: 65518

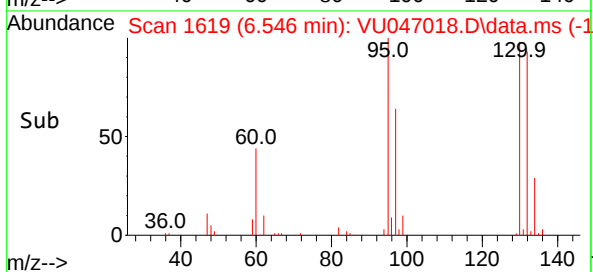
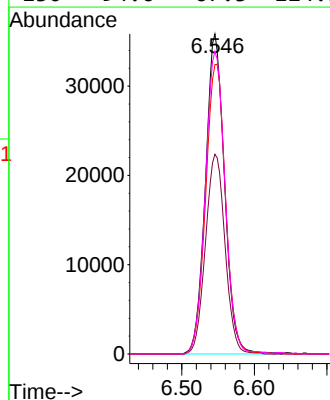
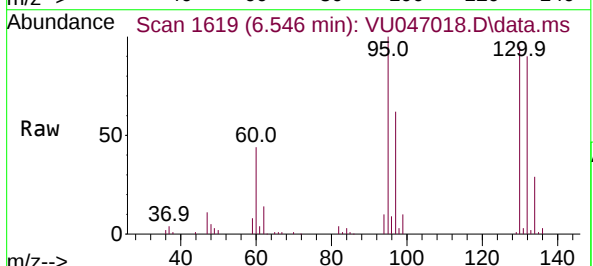
Ion Ratio Lower Upper

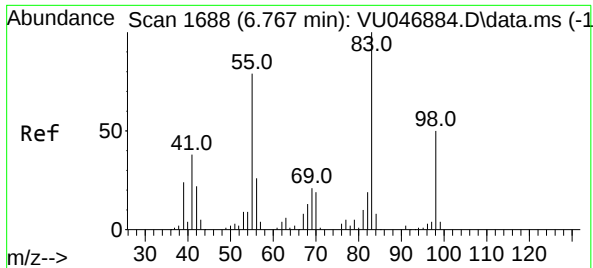
95 100

97 62.4 46.5 86.5

132 90.4 65.1 120.9

130 94.6 67.3 124.9

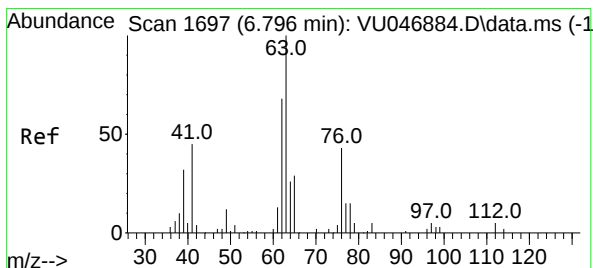
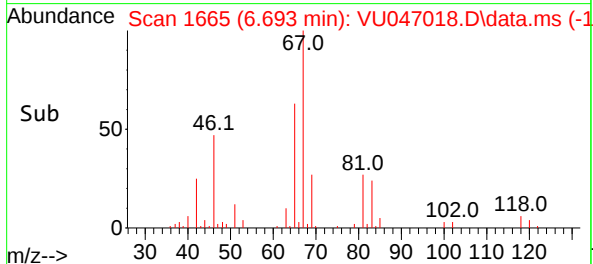
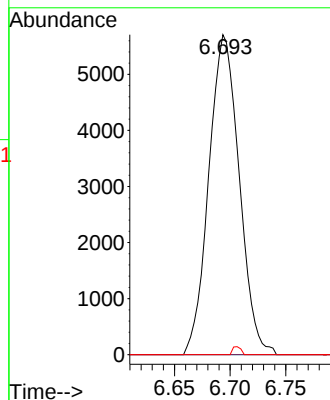
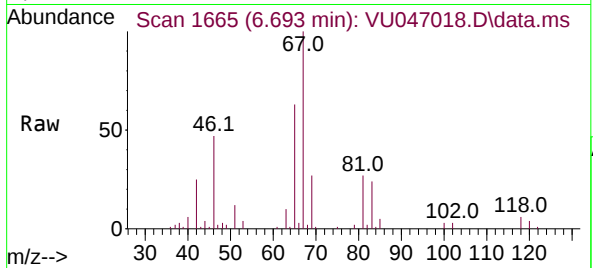




#35
Methylcyclohexane
Concen: 0.903 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047018.D
Acq: 03 Feb 2022 13:48

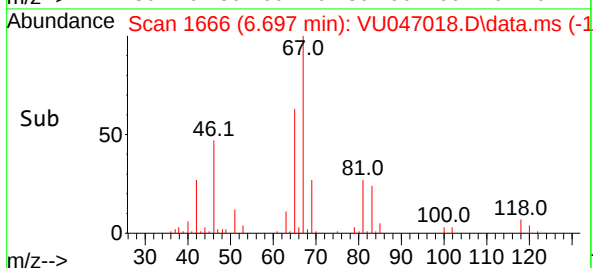
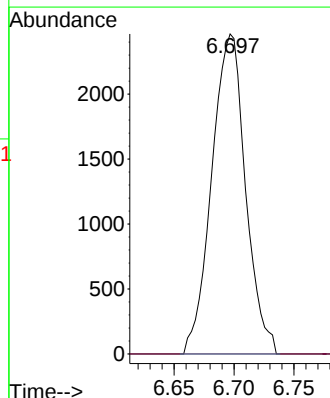
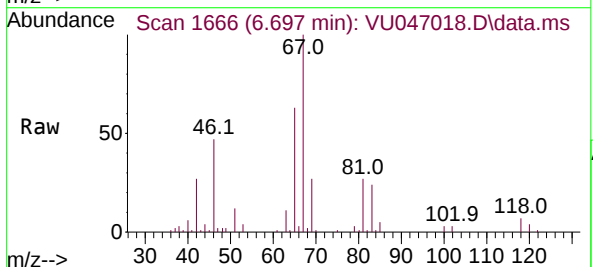
Instrument :
MSVOA_U
ClientSampleId :

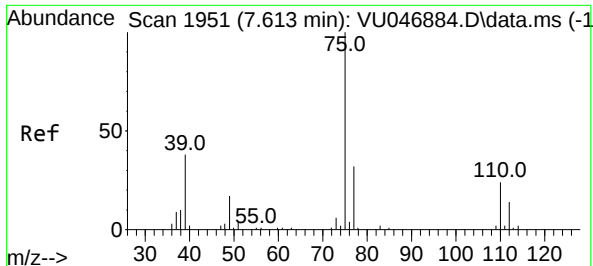
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.7	39.0	58.6#



#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.097 min
Lab File: VU047018.D
Acq: 03 Feb 2022 13:48

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





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.571 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU047018.D

Acq: 03 Feb 2022 13:48

Instrument :

MSVOA_U

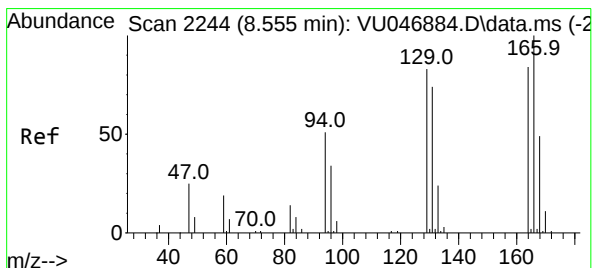
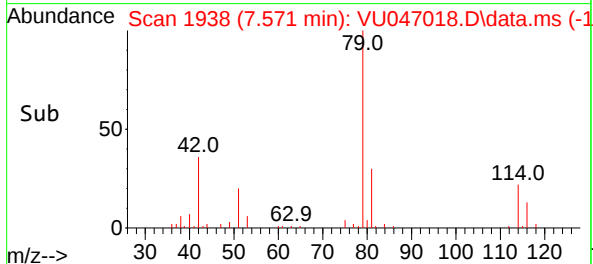
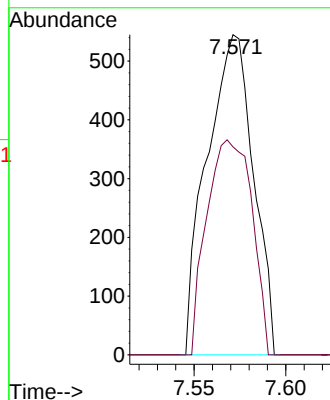
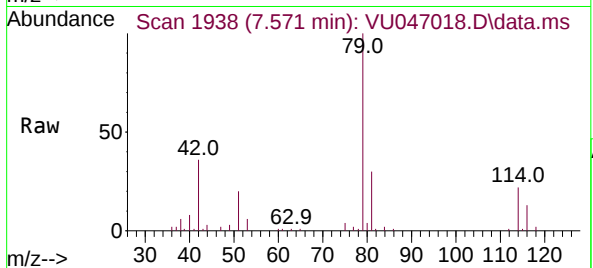
ClientSampleId :

Tgt Ion: 75 Resp: 962

Ion Ratio Lower Upper

75 100

77 65.0 22.5 41.9#



#47

Tetrachloroethene

Concen: 1.183 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047018.D

Acq: 03 Feb 2022 13:48

Tgt Ion: 164 Resp: 6892

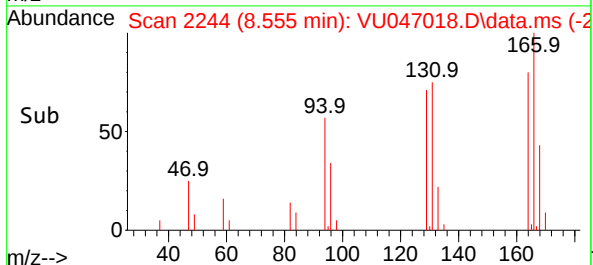
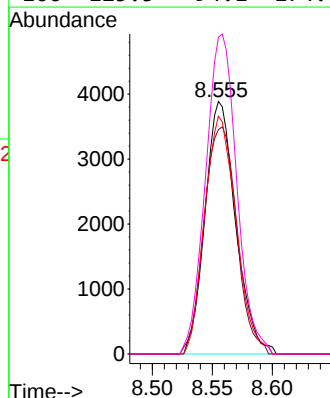
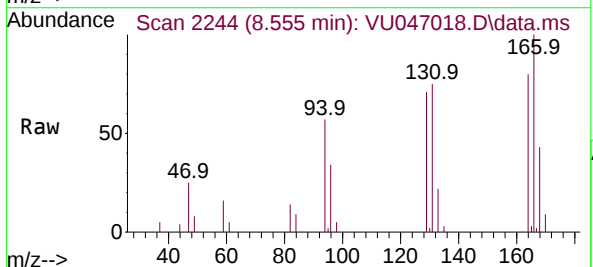
Ion Ratio Lower Upper

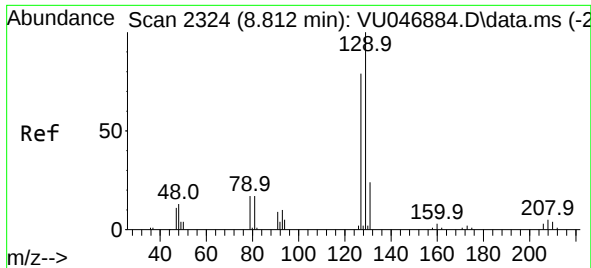
164 100

129 88.8 71.8 133.4

131 94.2 68.5 127.3

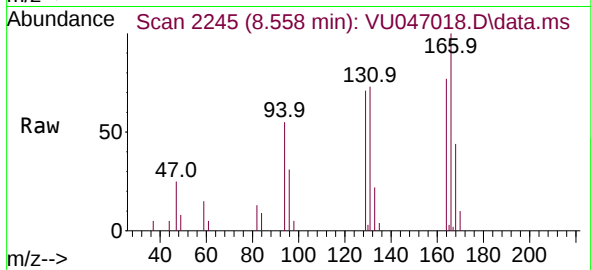
166 125.5 94.1 174.8



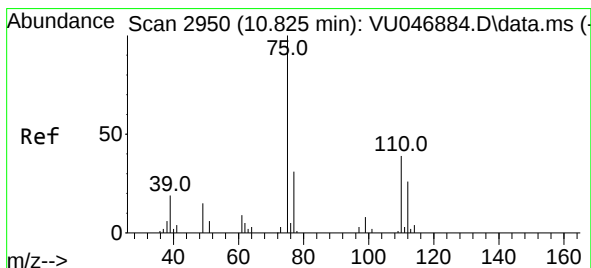
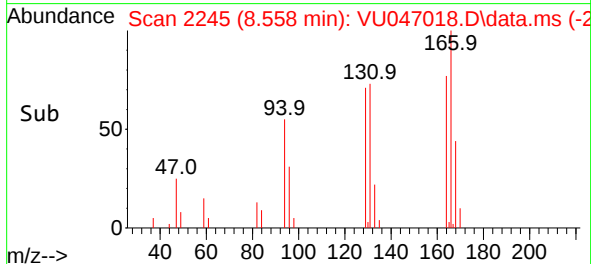
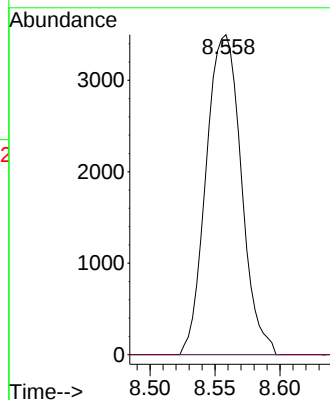


#49
Dibromochloromethane
Concen: 0.970 ug/L
RT: 8.558 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU047018.D
Acq: 03 Feb 2022 13:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 6589
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.449 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047018.D
Acq: 03 Feb 2022 13:48

Tgt Ion: 75 Resp: 6045
Ion Ratio Lower Upper
75 100
110 0.7 29.9 44.9#
77 30.4 25.5 38.3

