

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046960.D
 Acq On : 01 Feb 2022 13:33
 Operator : SY/MD
 Sample : N1328-02DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM1DL

Quant Time: Feb 02 02:04:06 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)

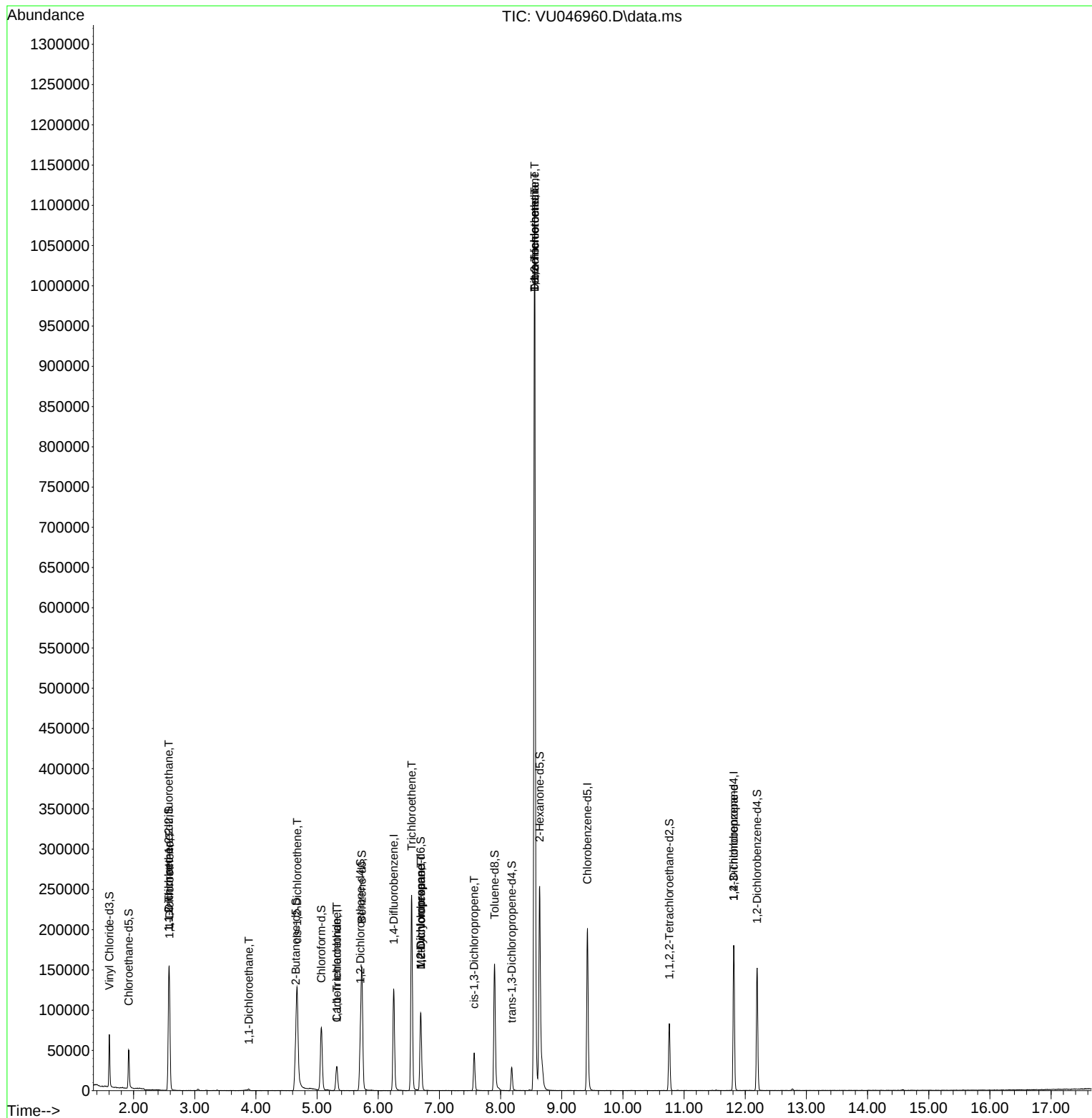
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	105168	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117601	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48765	5.472	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.400%
7) Chloroethane-d5	1.919	69	37858	5.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.575	65	19003	5.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.200%
20) 2-Butanone-d5	4.652	46	107496	40.718	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.440%
24) Chloroform-d	5.070	84	76439	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.706	65	41906	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.732	84	147329	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.694	67	48203	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.902	98	115130	3.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.182	79	17246	3.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.639	63	107152	39.707	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44025	4.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	40346	4.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	539	0.088	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	30887	5.260	ug/L	95
19) 1,1-Dichloroethane	3.883	63	2707	0.254	ug/L #	87
22) cis-1,2-Dichloroethene	4.674	96	52031	7.755	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	22233	2.099	ug/L	99
31) Carbon tetrachloride	5.324	117	2856	0.314	ug/L	95
34) Trichloroethene	6.546	95	85946	11.956	ug/L	97
35) Methylcyclohexane	6.697	83	11734	0.974	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4970	0.732	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1100	0.104	ug/L #	61
45) 1,1,2-Trichloroethane	8.555	97	2317	0.401	ug/L #	1
47) Tetrachloroethene	8.555	164	248357	42.478	ug/L	96
49) Dibromochloromethane	8.555	129	243315	35.695	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6089	1.464	ug/L #	67

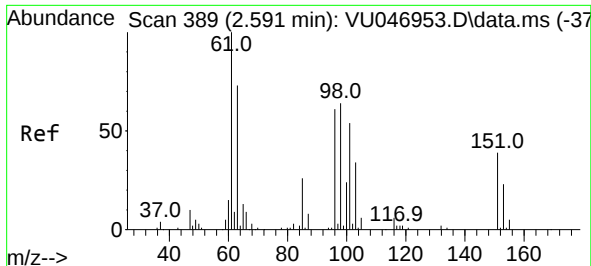
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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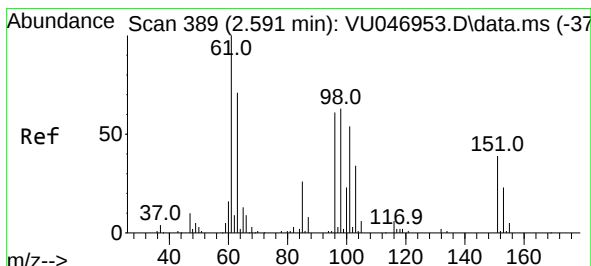
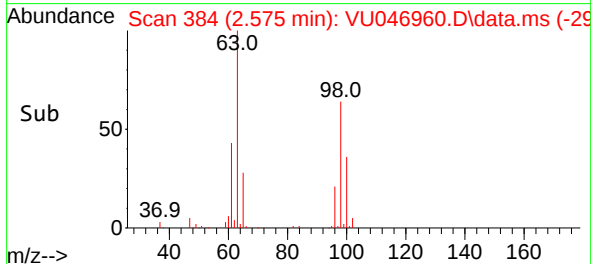
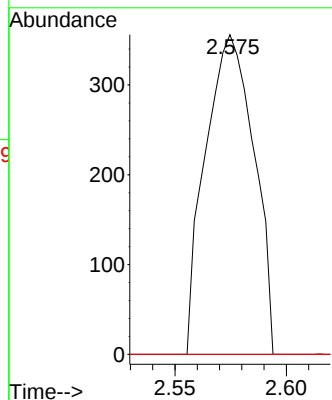
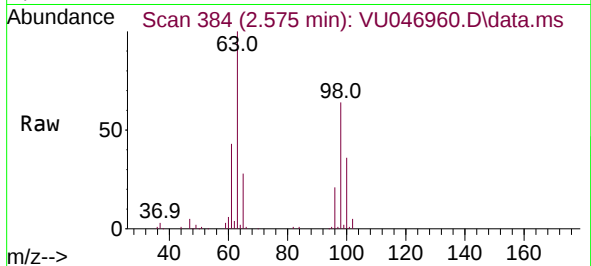




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

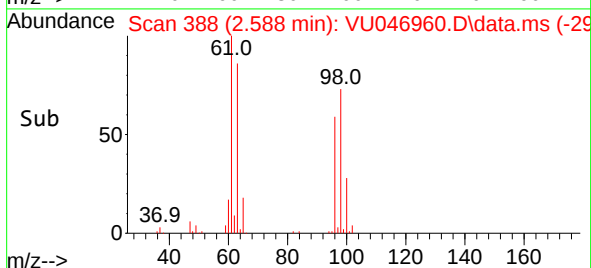
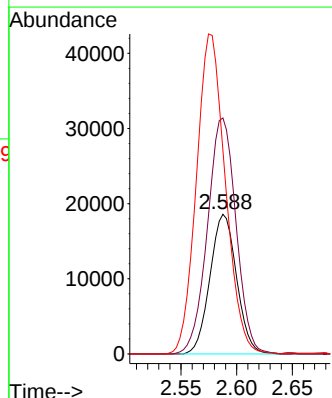
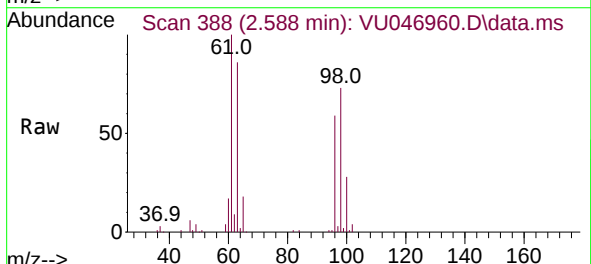
Instrument :
MSVOA_U
ClientSampleId :
C0HM1DL

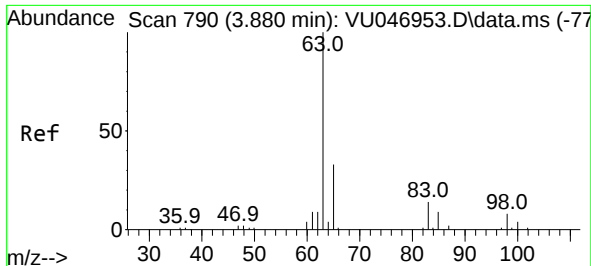
Tgt Ion:101 Resp: 539
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 5.260 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

Tgt Ion: 96 Resp: 30887
Ion Ratio Lower Upper
96 100
61 169.1 124.7 231.5
63 145.9 105.2 195.4





#19

1,1-Dichloroethane

Concen: 0.254 ug/L

RT: 3.883 min Scan# 790

Delta R.T. 0.003 min

Lab File: VU046960.D

Acq: 01 Feb 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

C0HM1DL

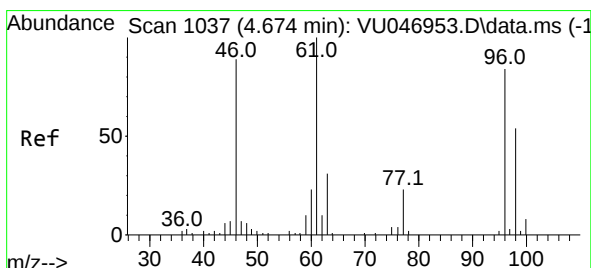
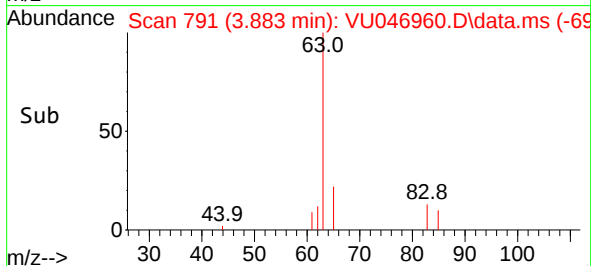
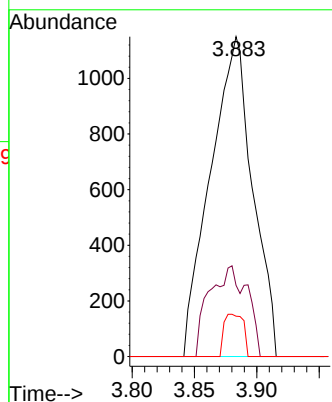
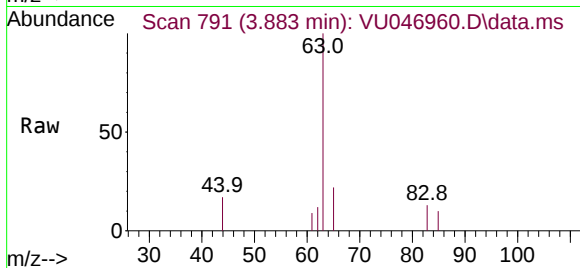
Tgt Ion: 63 Resp: 2707

Ion Ratio Lower Upper

63 100

65 22.3 22.3 41.5#

83 12.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 7.755 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU046960.D

Acq: 01 Feb 2022 13:33

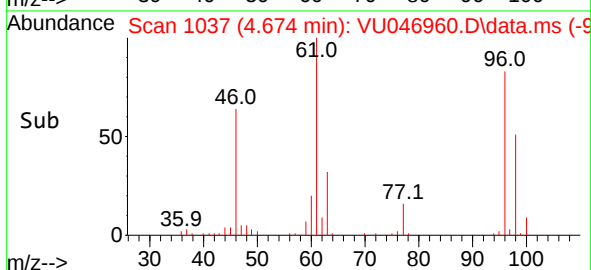
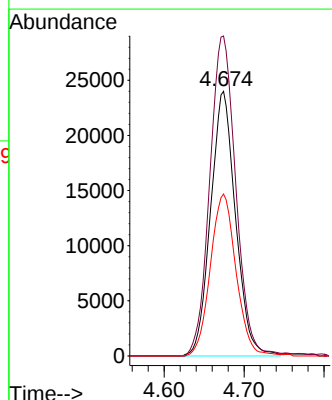
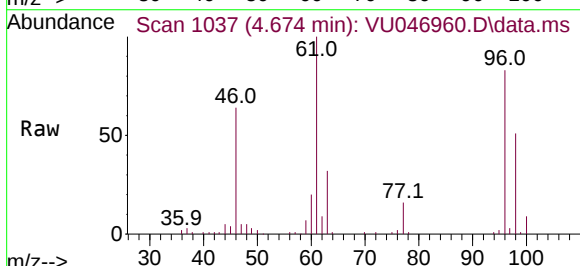
Tgt Ion: 96 Resp: 52031

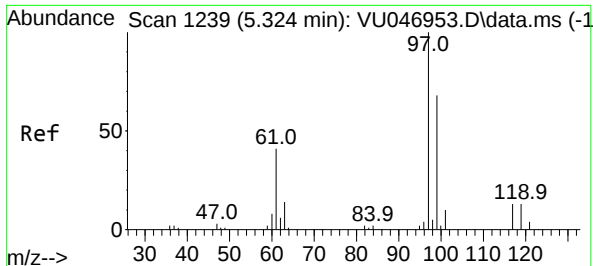
Ion Ratio Lower Upper

96 100

61 120.9 88.5 164.3

98 61.2 44.4 82.5

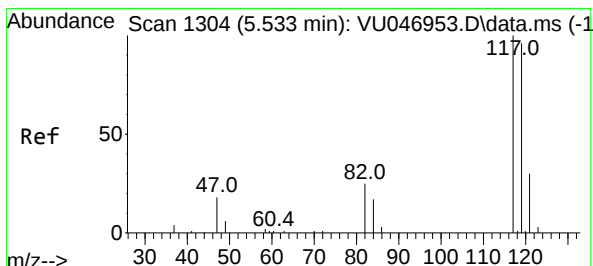
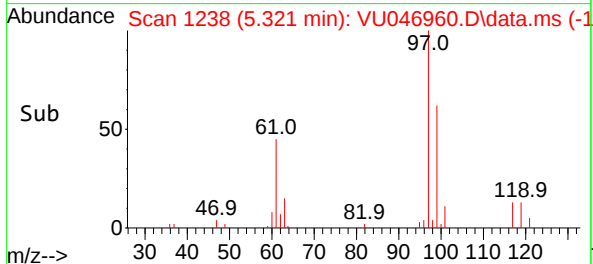
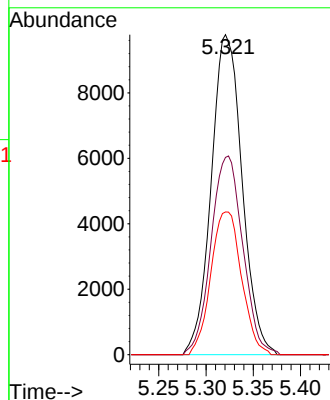
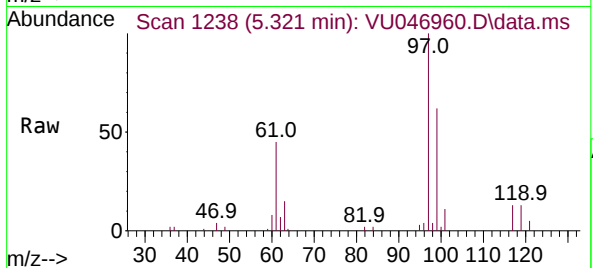




#29
1,1,1-Trichloroethane
Concen: 2.099 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

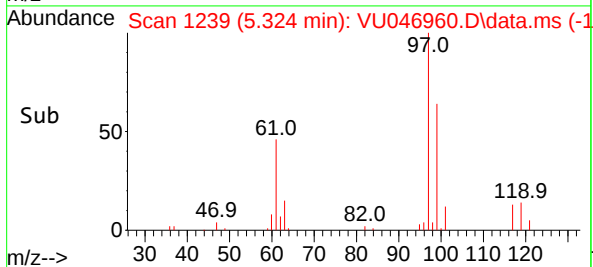
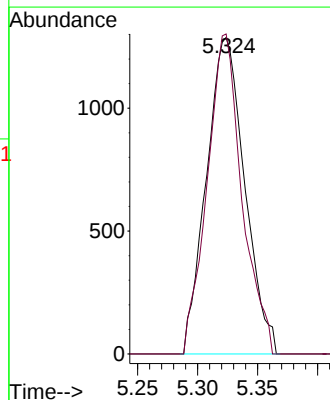
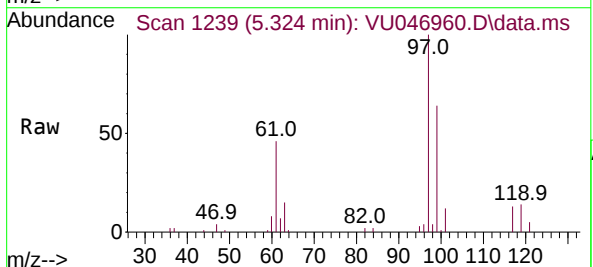
Instrument :
MSVOA_U
ClientSampleId :
C0HM1DL

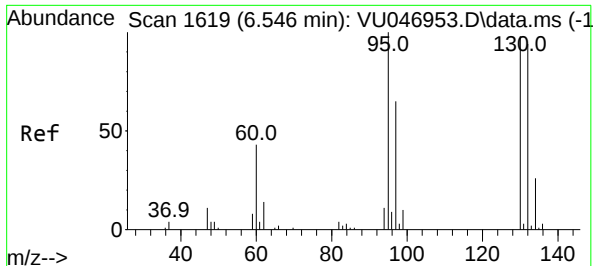
Tgt Ion: 97 Resp: 22233
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 44.3 36.1 54.1



#31
Carbon tetrachloride
Concen: 0.314 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.209 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

Tgt Ion: 117 Resp: 2856
Ion Ratio Lower Upper
117 100
119 91.8 77.5 116.3

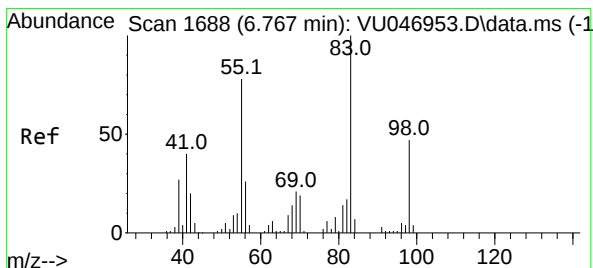
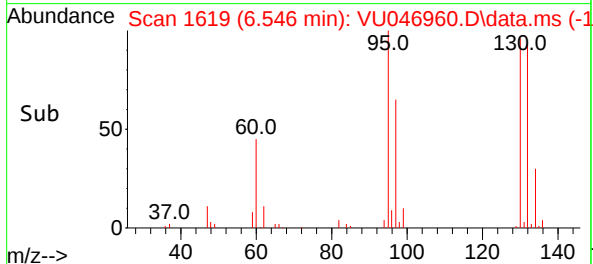
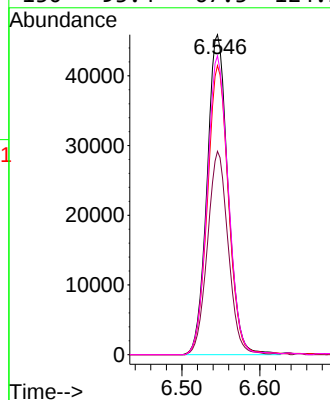
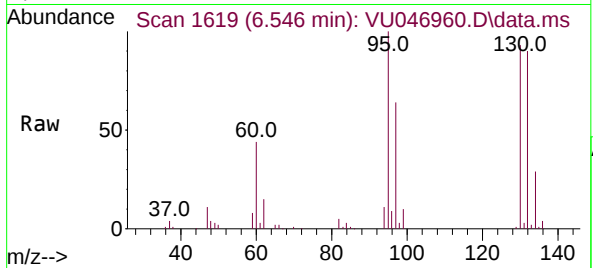




#34
Trichloroethene
Concen: 11.956 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

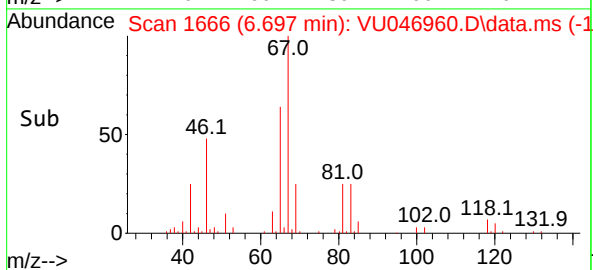
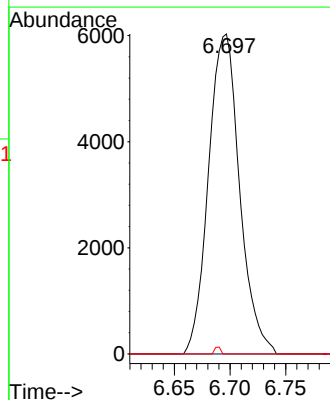
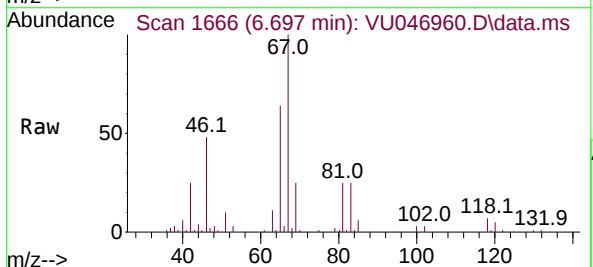
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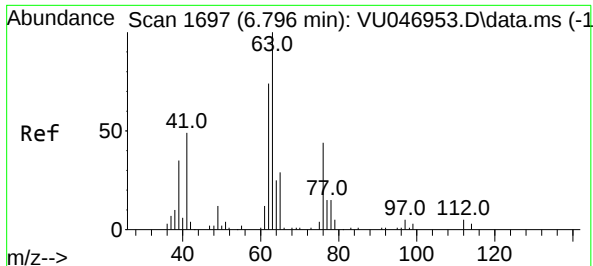
Tgt Ion: 95 Resp: 85946
Ion Ratio Lower Upper
95 100
97 63.5 46.5 86.5
132 90.4 65.1 120.9
130 93.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.974 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

Tgt Ion: 83 Resp: 11734
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.732 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046960.D

Acq: 01 Feb 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

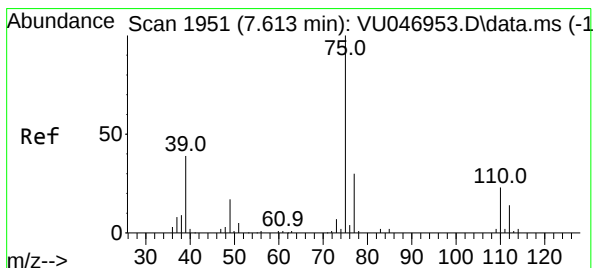
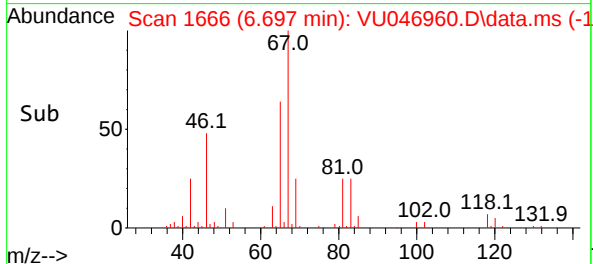
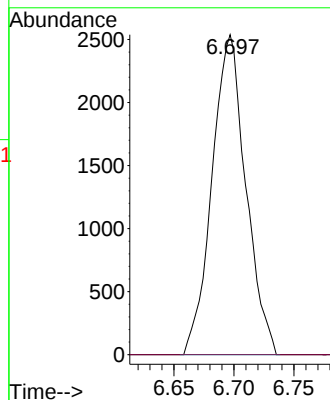
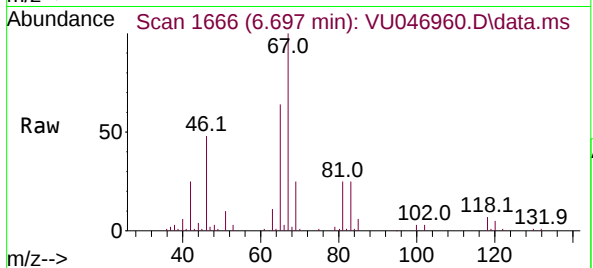
C0HM1DL

Tgt Ion: 63 Resp: 4970

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046960.D

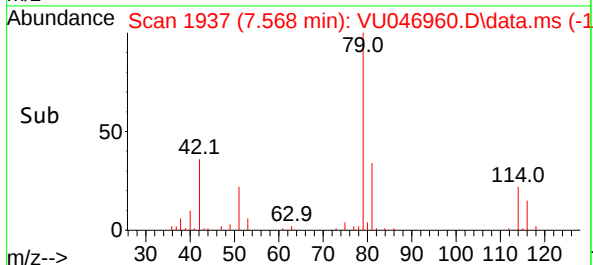
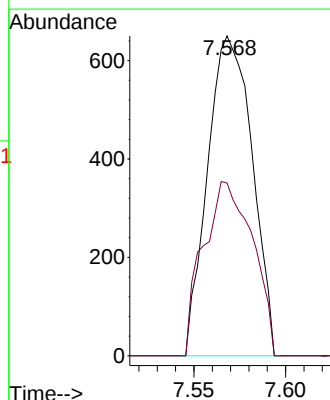
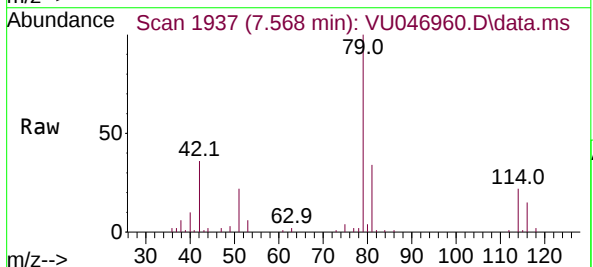
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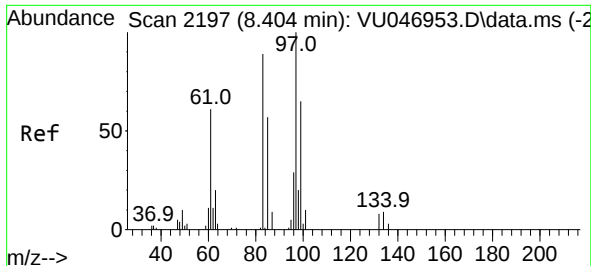
Tgt Ion: 75 Resp: 1100

Ion Ratio Lower Upper

75 100

77 54.0 22.5 41.9#

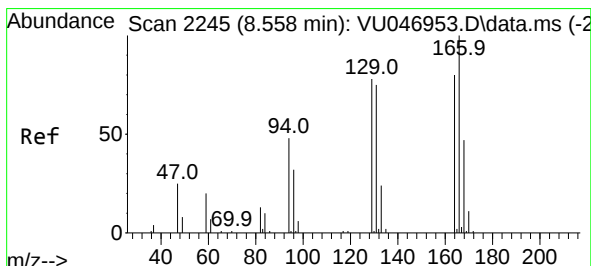
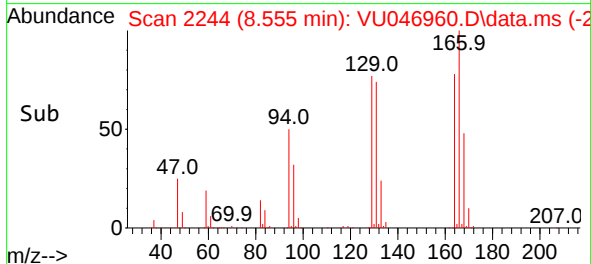
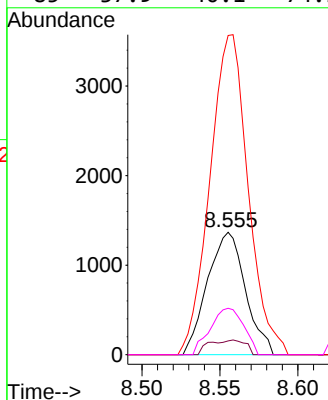
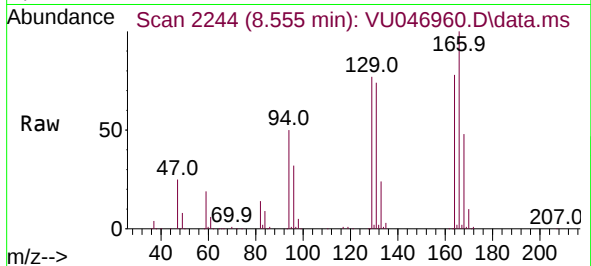




#45
1,1,2-Trichloroethane
Concen: 0.401 ug/L
RT: 8.555 min Scan# 2197
Delta R.T. 0.151 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

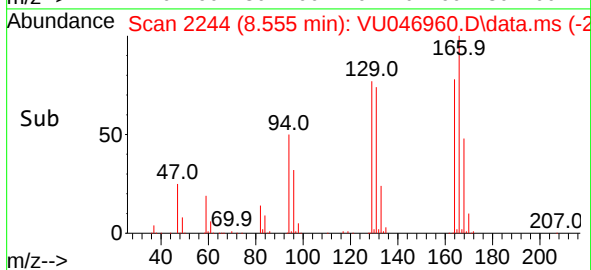
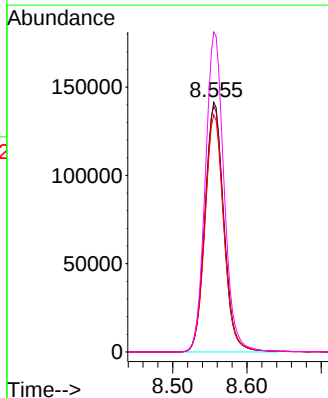
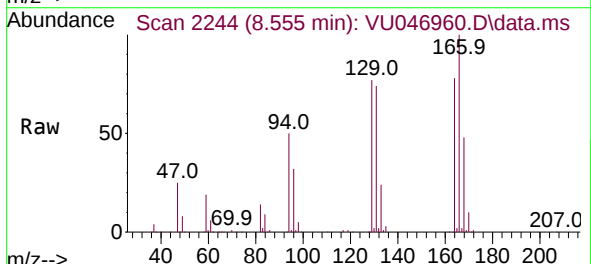
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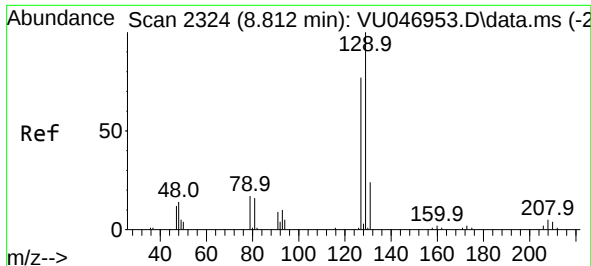
Tgt Ion:	97	Resp:	2317
Ion	Ratio	Lower	Upper
97	100		
99	11.3	42.3	78.5#
83	260.6	62.0	115.2#
85	37.9	40.1	74.5#



#47
Tetrachloroethene
Concen: 42.478 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

Tgt Ion:	164	Resp:	248357
Ion	Ratio	Lower	Upper
164	100		
129	98.6	71.8	133.4
131	95.0	68.5	127.3
166	128.2	94.1	174.8

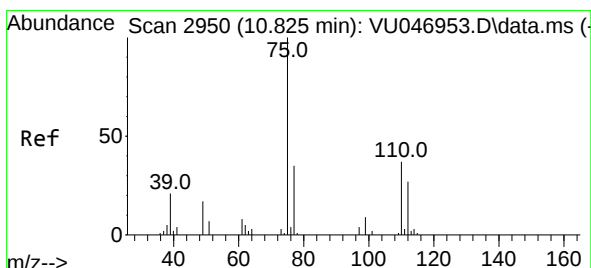
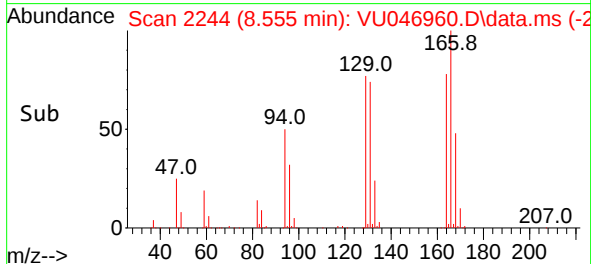
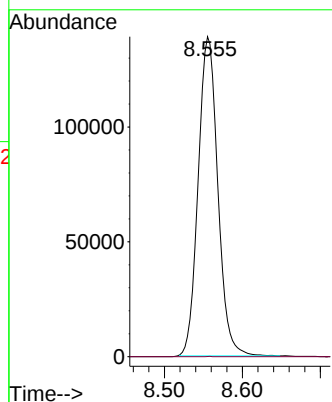
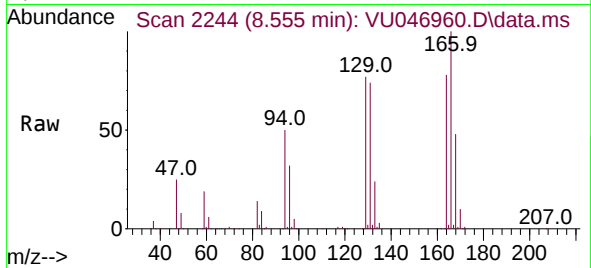




#49
Dibromochloromethane
Concen: 35.695 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

Instrument :
MSVOA_U
ClientSampleId :
C0HM1DL

Tgt Ion:129 Resp: 243315
Ion Ratio Lower Upper
129 100
127 0.1 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.464 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046960.D
Acq: 01 Feb 2022 13:33

Tgt Ion: 75 Resp: 6089
Ion Ratio Lower Upper
75 100
110 1.2 29.9 44.9#
77 32.3 25.5 38.3

