

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047005.D
 Acq On : 02 Feb 2022 16:40
 Operator : SY/MD
 Sample : N1349-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP8

Quant Time: Feb 03 03:01:33 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)

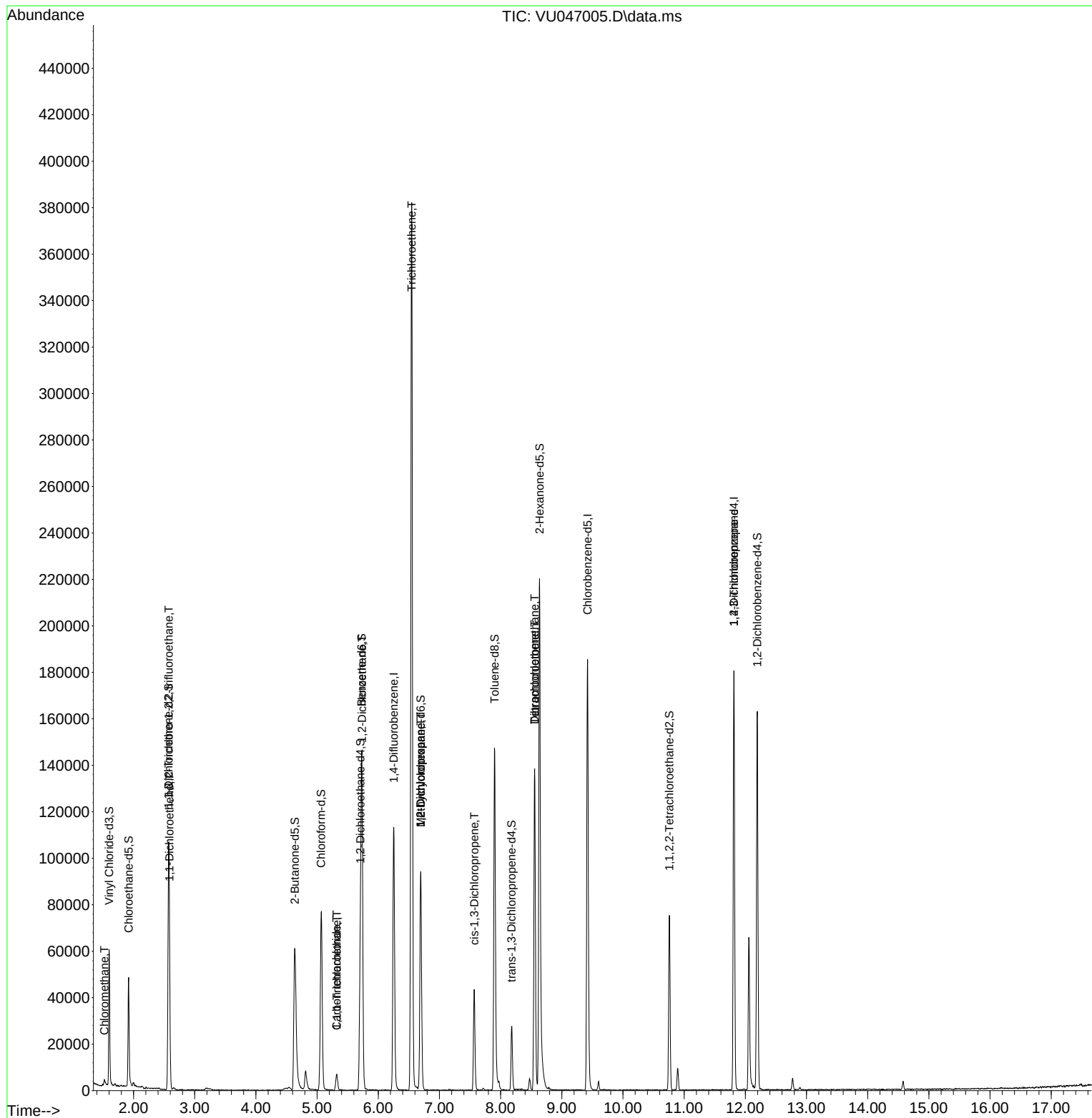
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95033	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111406	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	49296	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43305	5.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%
7) Chloroethane-d5	1.919	69	35247	5.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	2.572	65	16334	5.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.636	46	101482	42.539	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.080%
24) Chloroform-d	5.067	84	73770	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.707	65	38632	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.729	84	138792	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.694	67	45447	4.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.900	98	107540	3.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.179	79	15677	3.631	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.636	63	80555	31.511	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38202	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41904	4.533	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						Qvalue
3) Chloromethane	1.524	50	1957	0.266	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	451	0.081	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	13552	2.554	ug/L	83
27) 1,2-Dichloroethane	5.736	62	678	0.100	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	5222	0.520	ug/L	99
31) Carbon tetrachloride	5.318	117	566	0.066	ug/L	98
34) Trichloroethene	6.546	95	134030	19.681	ug/L	99
35) Methylcyclohexane	6.694	83	10894	0.955	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	4824	0.750	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	914	0.091	ug/L #	49
47) Tetrachloroethene	8.555	164	31896	5.759	ug/L	97
49) Dibromochloromethane	8.555	129	32078	4.968	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	5778	1.383	ug/L #	67

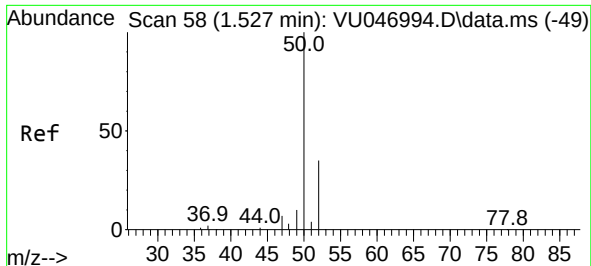
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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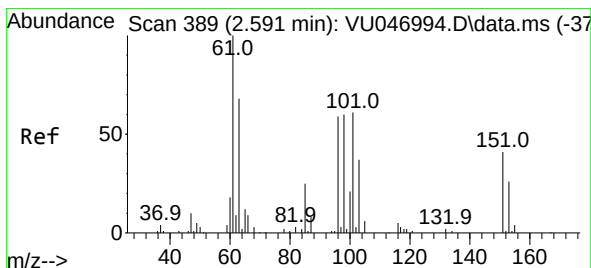
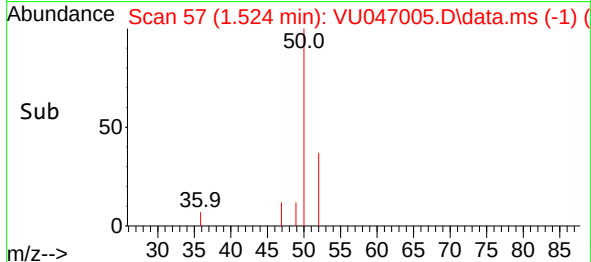
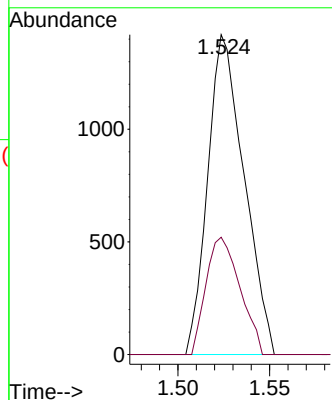
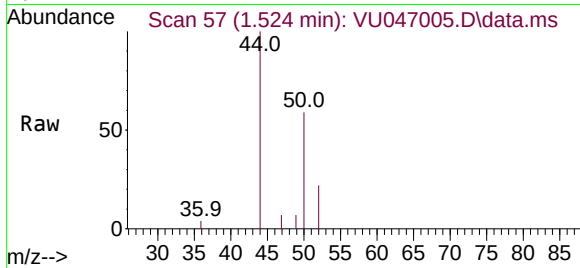




#3
Chloromethane
Concen: 0.266 ug/L
RT: 1.524 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047005.D
Acq: 02 Feb 2022 16:40

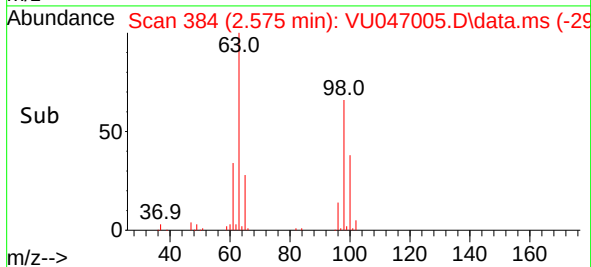
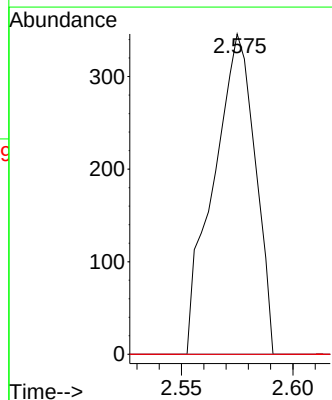
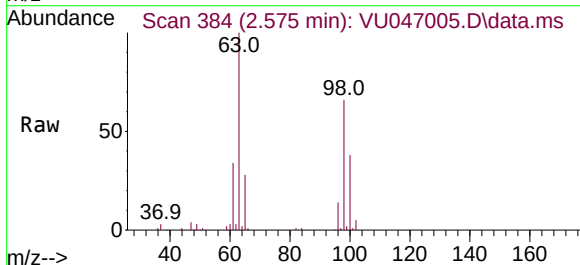
Instrument :
MSVOA_U
ClientSampleId :
COHP8

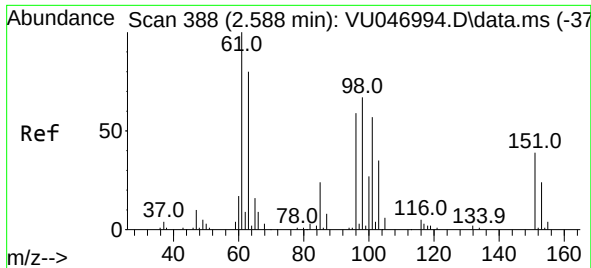
Tgt Ion: 50 Resp: 1957
Ion Ratio Lower Upper
50 100
52 36.7 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU047005.D
Acq: 02 Feb 2022 16:40

Tgt Ion: 101 Resp: 451
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: 2.554 ug/L

RT: 2.588 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047005.D

Acq: 02 Feb 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

C0HP8

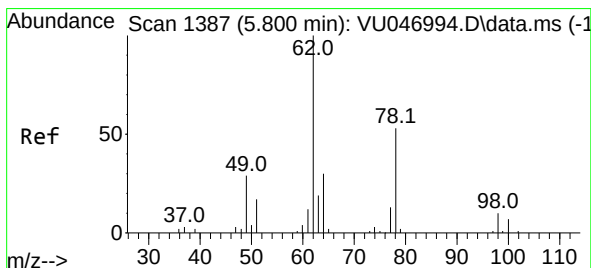
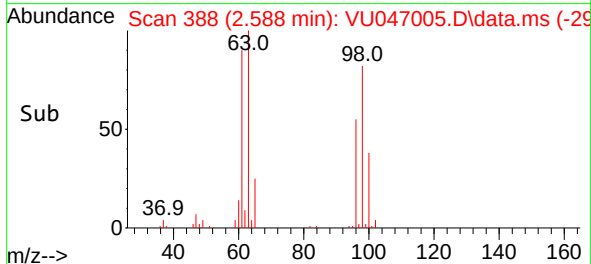
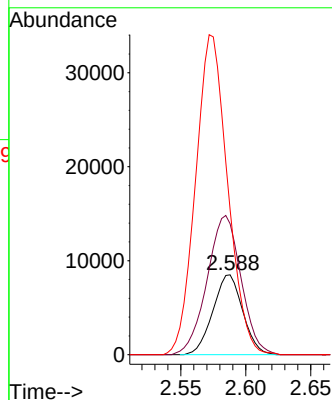
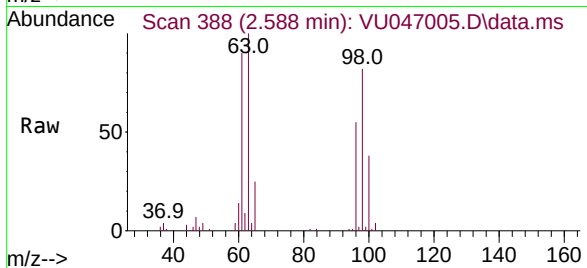
Tgt Ion: 96 Resp: 13552

Ion Ratio Lower Upper

96 100

61 164.0 124.7 231.5

63 181.7 105.2 195.4



#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.736 min Scan# 1367

Delta R.T. -0.064 min

Lab File: VU047005.D

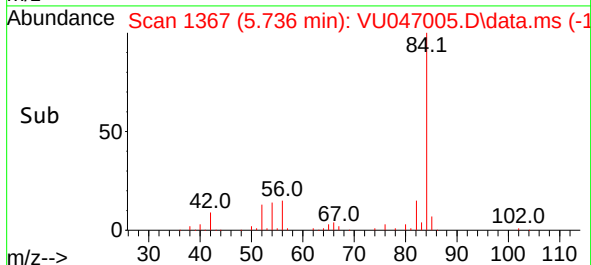
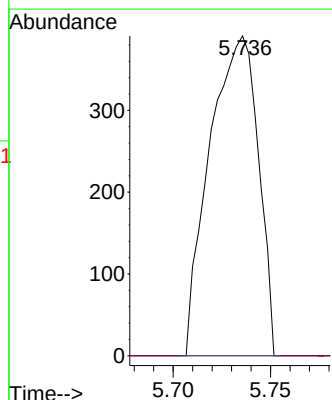
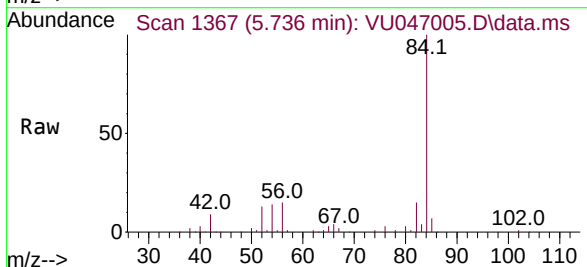
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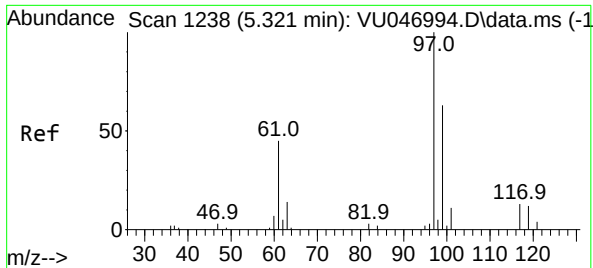
Tgt Ion: 62 Resp: 678

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#

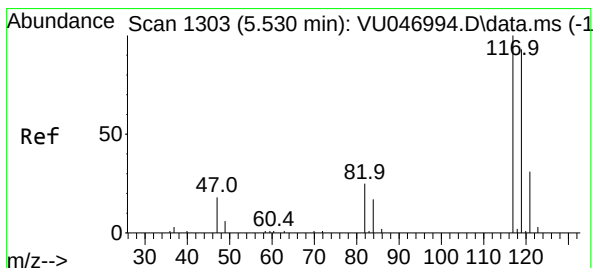
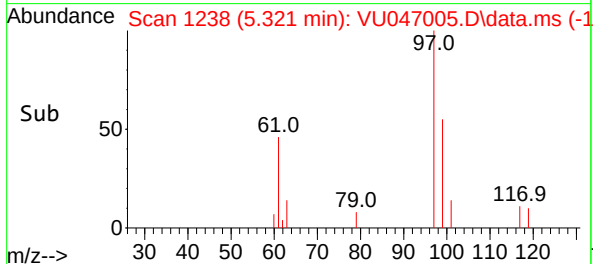
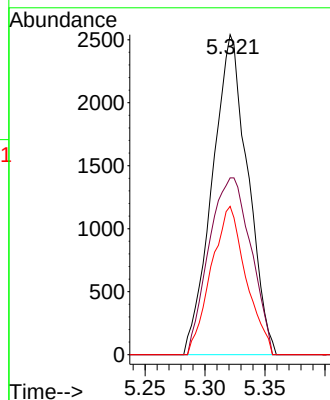
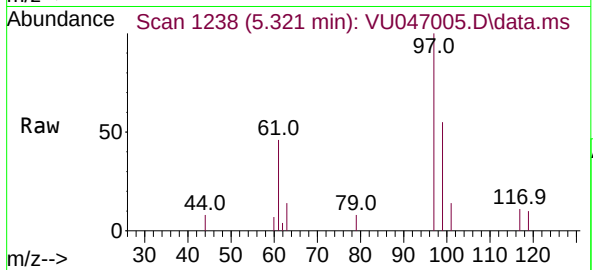




#29
1,1,1-Trichloroethane
Concen: 0.520 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047005.D
Acq: 02 Feb 2022 16:40

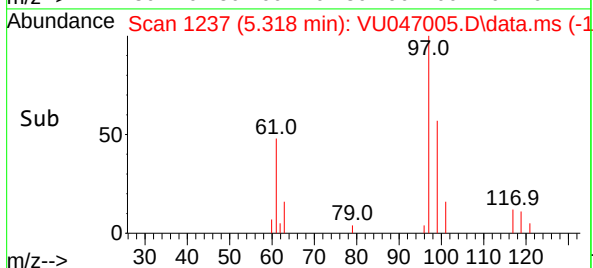
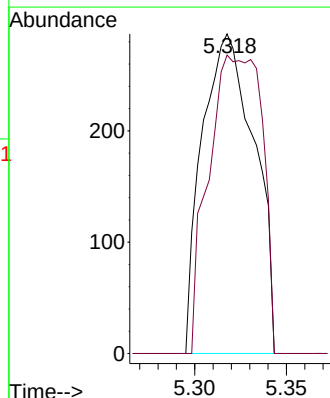
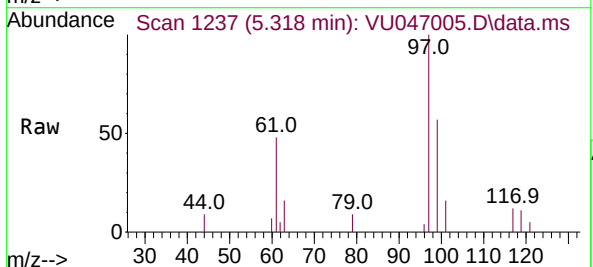
Instrument :
MSVOA_U
ClientSampleId :
C0HP8

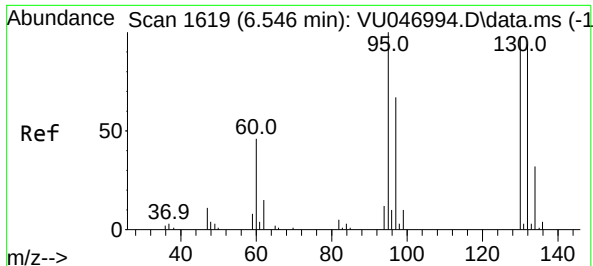
Tgt Ion: 97	Resp:	5222
Ion	Ratio	Lower Upper
97	100	
99	65.5	51.3 76.9
61	45.5	36.1 54.1



#31
Carbon tetrachloride
Concen: 0.066 ug/L
RT: 5.318 min Scan# 1237
Delta R.T. -0.212 min
Lab File: VU047005.D
Acq: 02 Feb 2022 16:40

Tgt Ion: 117	Resp:	566
Ion	Ratio	Lower Upper
117	100	
119	95.4	77.5 116.3

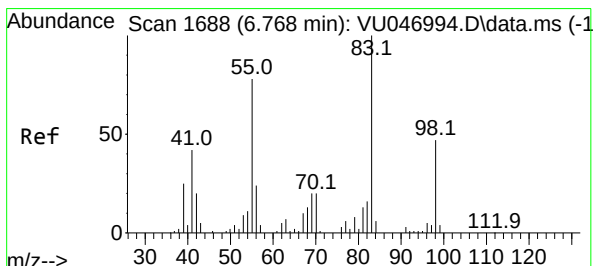
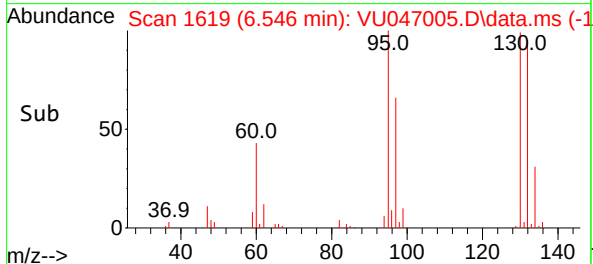
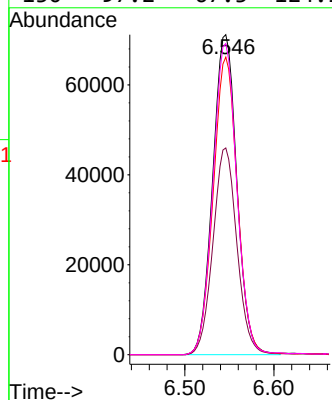
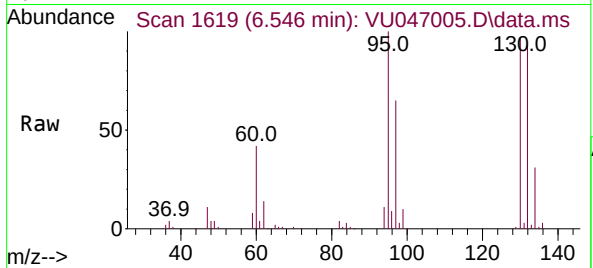




#34
Trichloroethene
Concen: 19.681 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047005.D
Acq: 02 Feb 2022 16:40

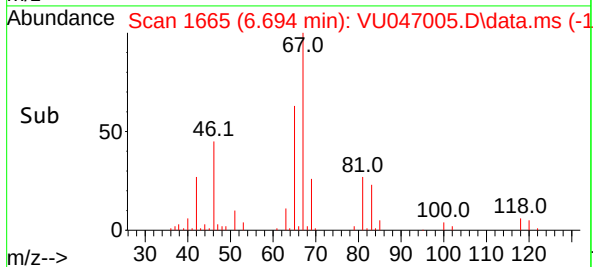
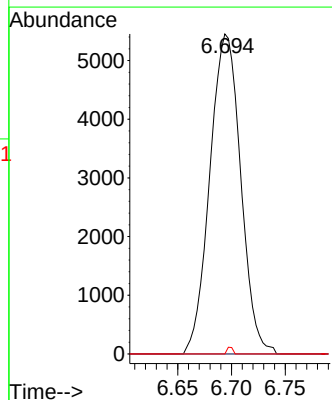
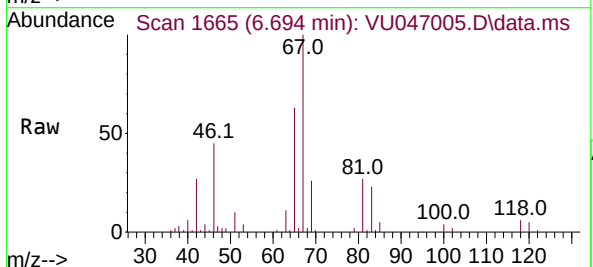
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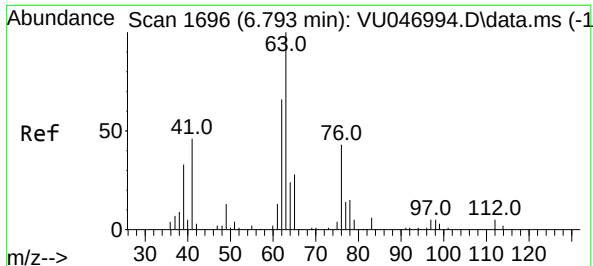
Tgt Ion: 95 Resp: 134030
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 93.0 65.1 120.9
130 97.2 67.3 124.9



#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047005.D
Acq: 02 Feb 2022 16:40

Tgt Ion: 83 Resp: 10894
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: 0.750 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047005.D

Acq: 02 Feb 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

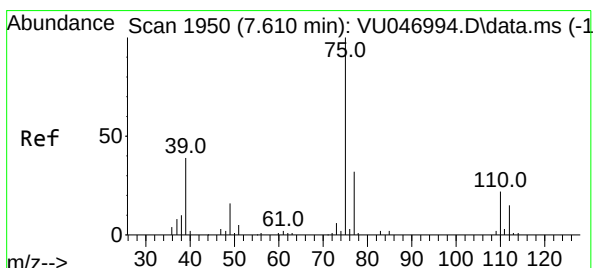
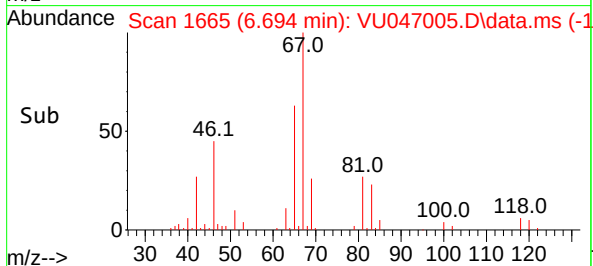
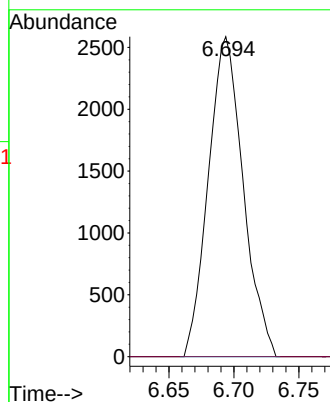
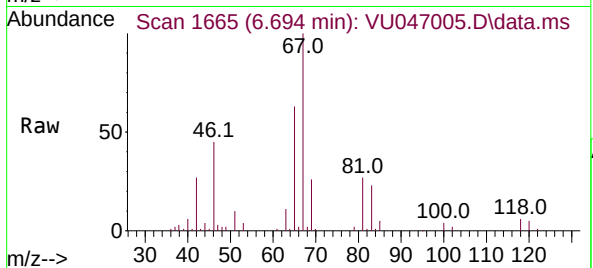
C0HP8

Tgt Ion: 63 Resp: 4824

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047005.D

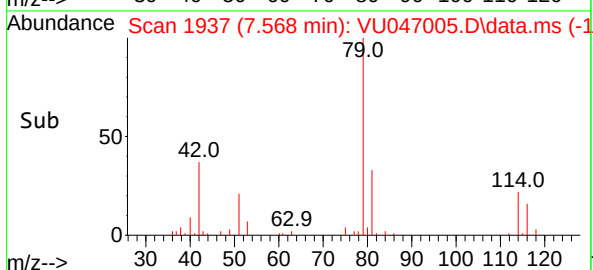
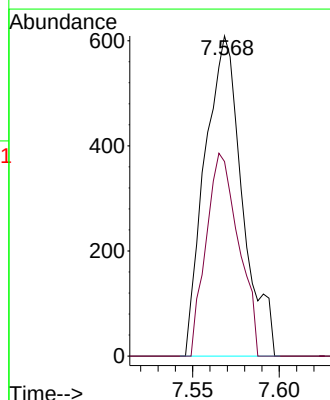
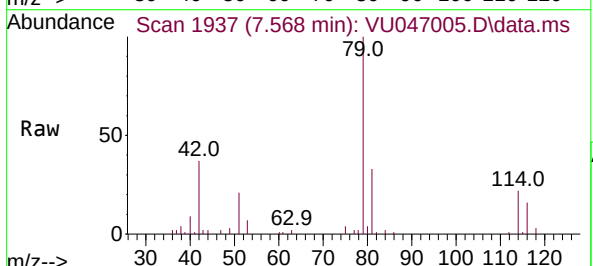
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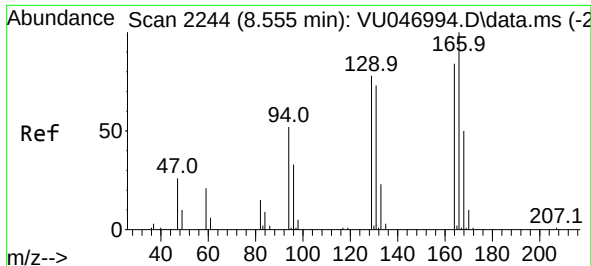
Tgt Ion: 75 Resp: 914

Ion Ratio Lower Upper

75 100

77 60.8 22.5 41.9#

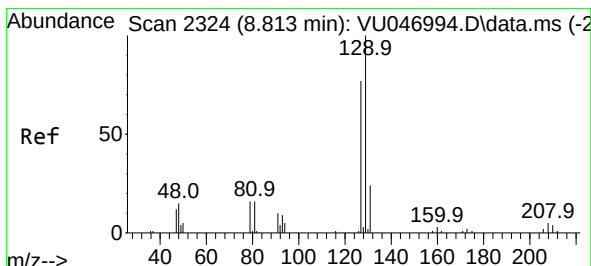
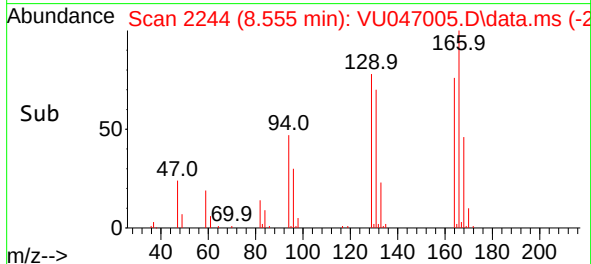
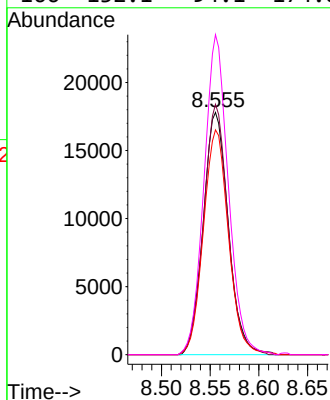
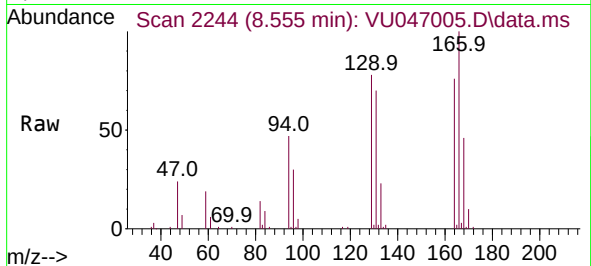




#47
Tetrachloroethene
Concen: 5.759 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047005.D
Acq: 02 Feb 2022 16:40

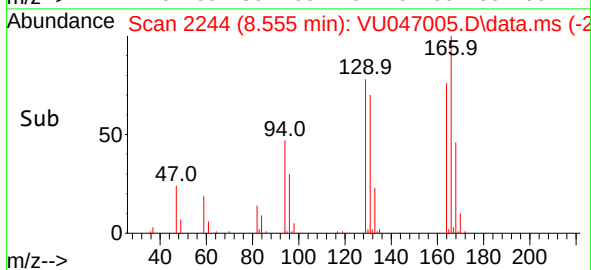
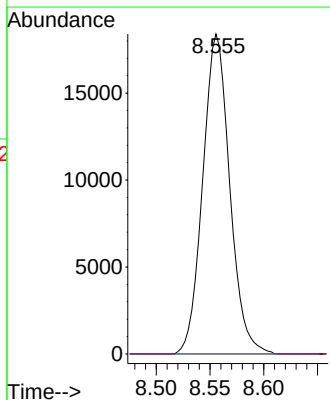
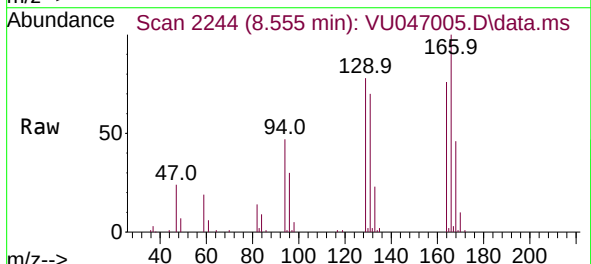
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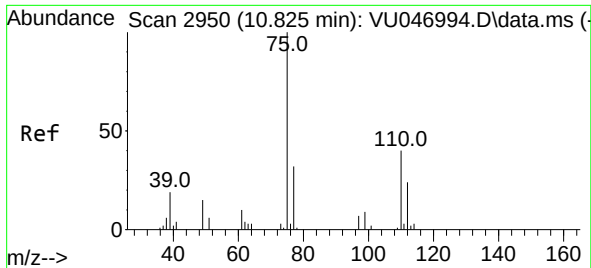
Tgt Ion:	164	Resp:	31896
Ion Ratio	Lower	Upper	
164	100		
129	103.4	71.8	133.4
131	92.8	68.5	127.3
166	132.1	94.1	174.8



#49
Dibromochloromethane
Concen: 4.968 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047005.D
Acq: 02 Feb 2022 16:40

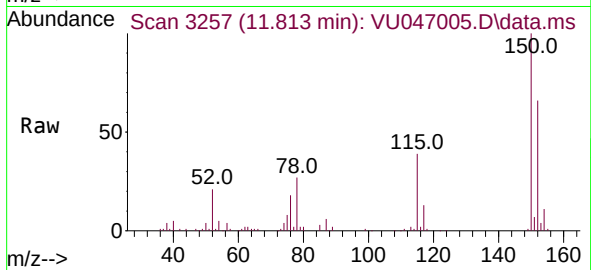
Tgt Ion:	129	Resp:	32078
Ion Ratio	Lower	Upper	
129	100		
127	0.0	55.4	102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.383 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047005.D
 Acq: 02 Feb 2022 16:40

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP8



Tgt Ion: 75 Resp: 5778
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 31.7 25.5 38.3

