

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047026.D
 Acq On : 03 Feb 2022 17:02
 Operator : SY/MD
 Sample : N1328-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:48:35 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)

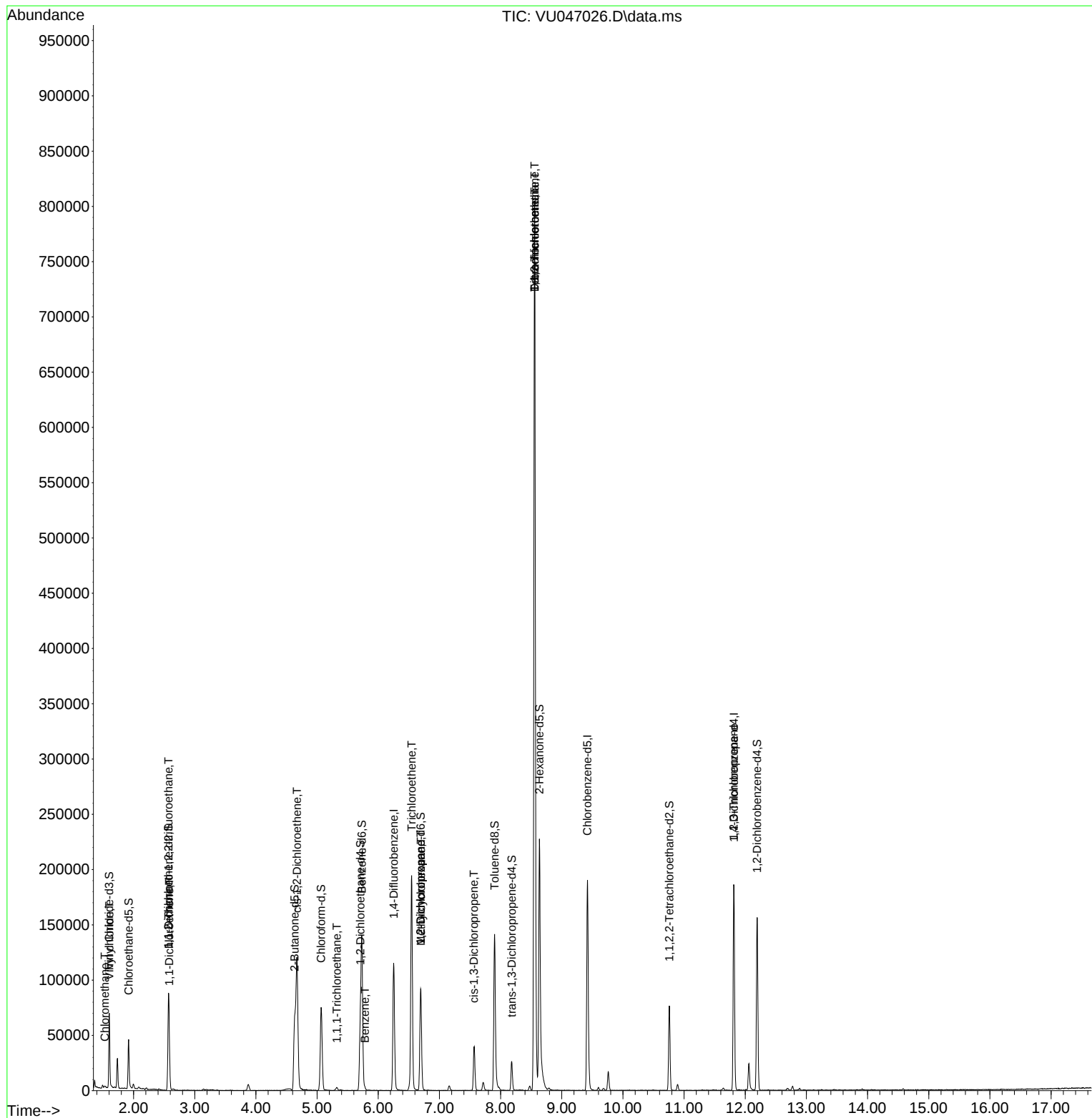
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95375	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116849	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	50028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40891	5.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.919	69	33926	5.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.571	65	15461	4.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.632	46	100578	42.009	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.020%
24) Chloroform-d	5.067	84	71369	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.706	65	37987	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.732	84	132216	3.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.693	67	45125	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.902	98	104011	3.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	8.182	79	15147	3.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.636	63	80486	30.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38948	3.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	40847	4.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.530	50	1523	0.206	ug/L	98
5) Vinyl chloride	1.607	62	7797	1.014	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	289	0.052	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	4066	0.764	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	56921	9.355	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	2031	0.193	ug/L #	71
33) Benzene	5.784	78	2578	0.094	ug/L	100
34) Trichloroethene	6.546	95	65248	9.135	ug/L	97
35) Methylcyclohexane	6.697	83	11309	0.945	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4509	0.668	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	970	0.092	ug/L #	65
45) 1,1,2-Trichloroethane	8.555	97	1646	0.287	ug/L #	1
47) Tetrachloroethene	8.555	164	186009	32.019	ug/L	95
49) Dibromochloromethane	8.555	129	181775	26.839	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6089	1.436	ug/L #	66

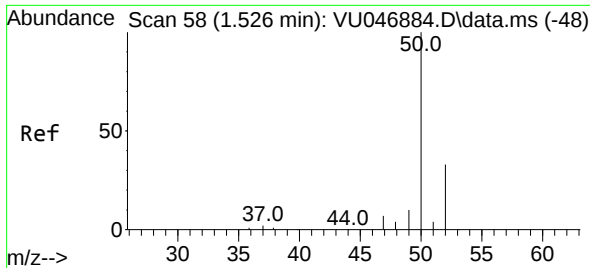
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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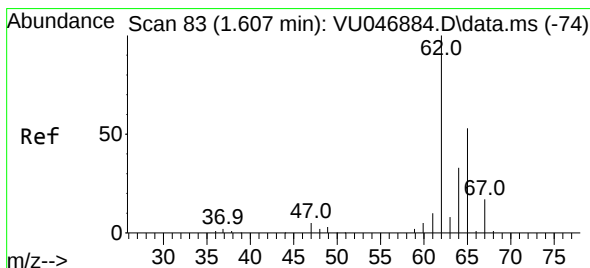
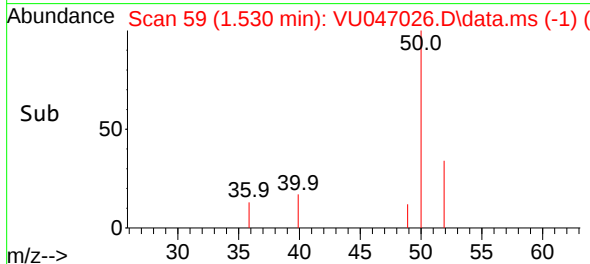
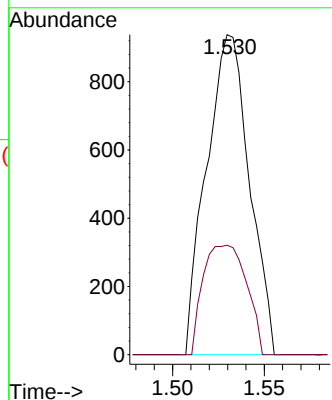
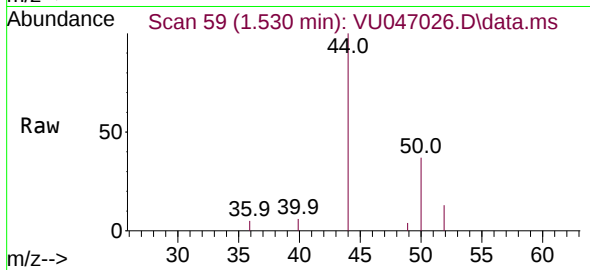




#3
Chloromethane
Concen: 0.206 ug/L
RT: 1.530 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047026.D
Acq: 03 Feb 2022 17:02

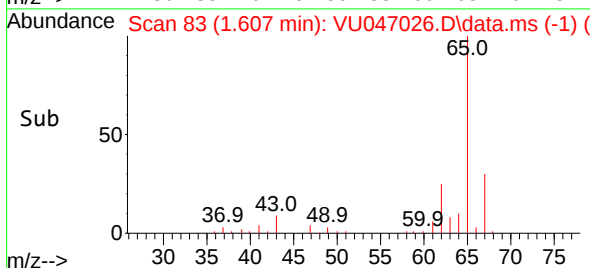
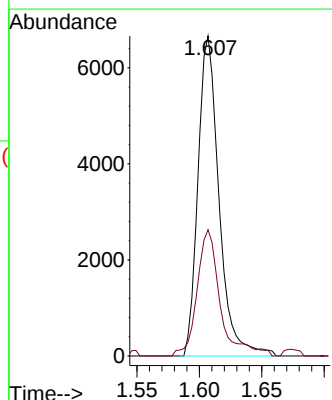
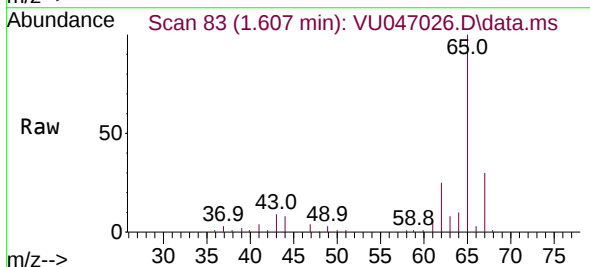
Instrument :
MSVOA_U
ClientSampleId :

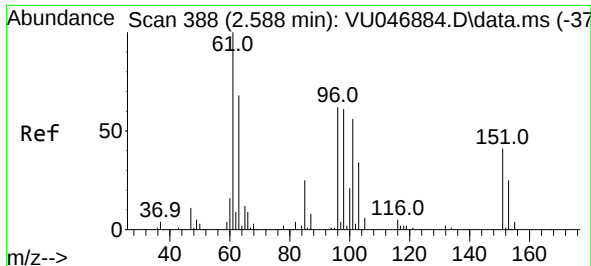
Tgt Ion: 50 Resp: 1523
Ion Ratio Lower Upper
50 100
52 34.2 23.0 42.8



#5
Vinyl chloride
Concen: 1.014 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047026.D
Acq: 03 Feb 2022 17:02

Tgt Ion: 62 Resp: 7797
Ion Ratio Lower Upper
62 100
64 39.5 22.9 42.5

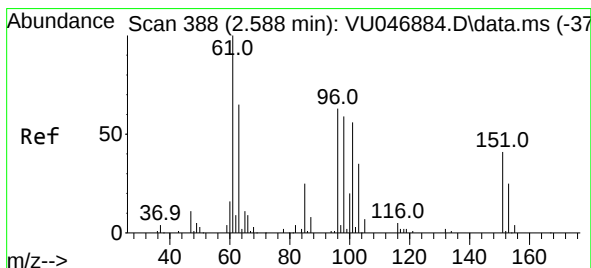
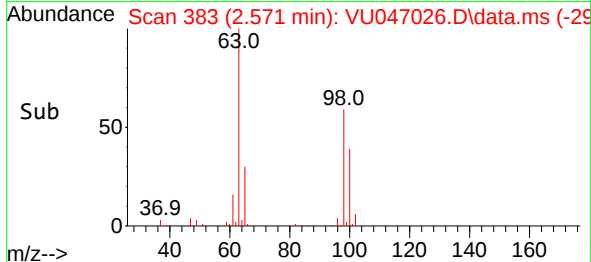
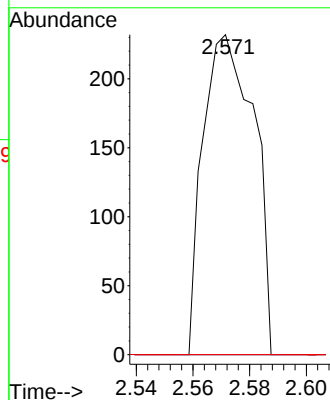
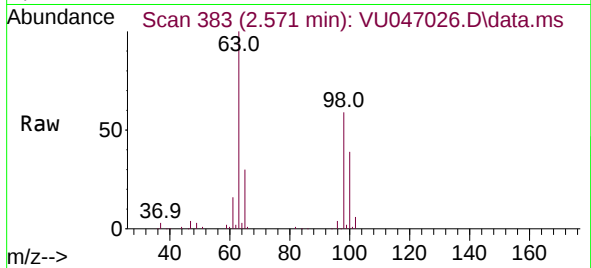




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.052 ug/L
 RT: 2.571 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU047026.D
 Acq: 03 Feb 2022 17:02

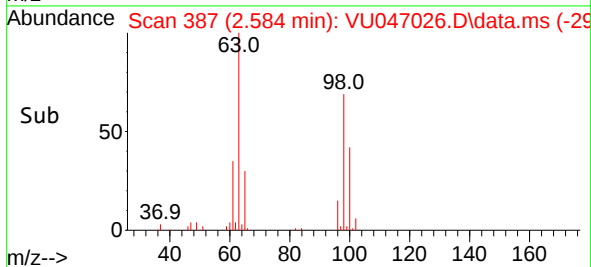
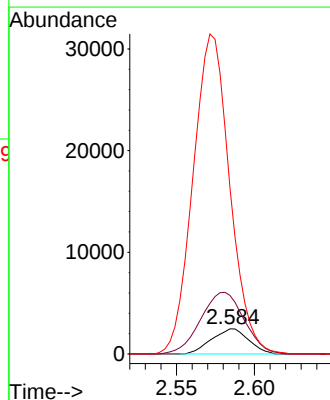
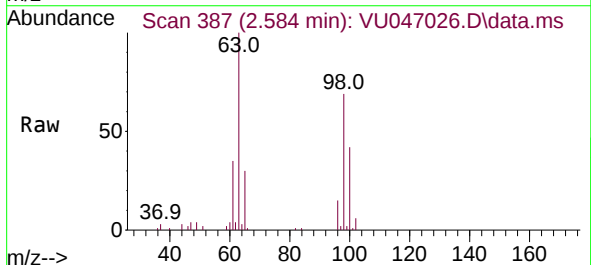
Instrument :
 MSVOA_U
 ClientSampleId :

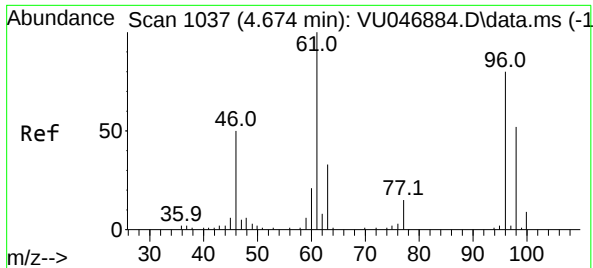
Tgt Ion:101 Resp: 289
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.764 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047026.D
 Acq: 03 Feb 2022 17:02

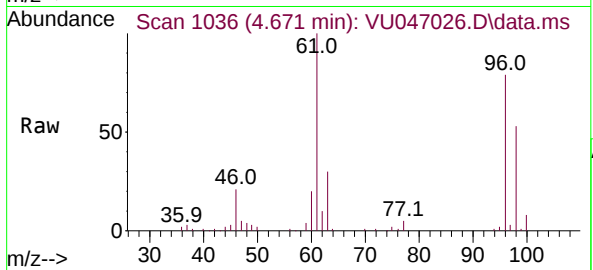
Tgt Ion: 96 Resp: 4066
 Ion Ratio Lower Upper
 96 100
 61 233.4 124.7 231.5#
 63 662.9 105.2 195.4#



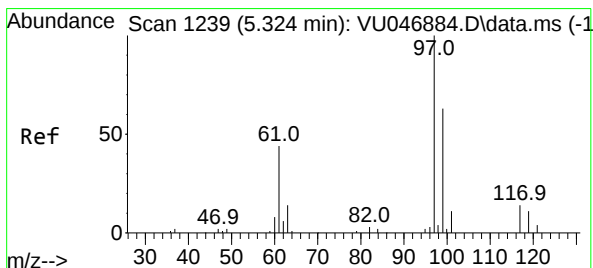
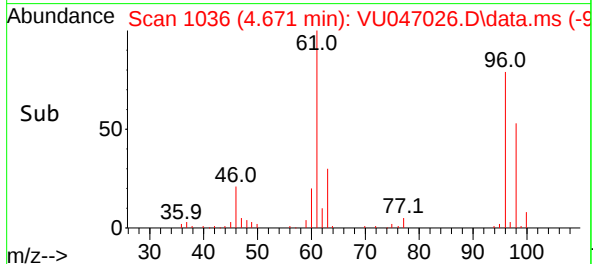
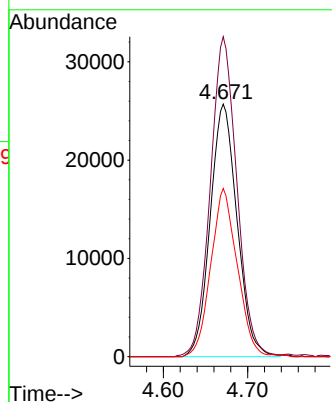


#22
 cis-1,2-Dichloroethene
 Concen: 9.355 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU047026.D
 Acq: 03 Feb 2022 17:02

Instrument :
 MSVOA_U
 ClientSampleId :

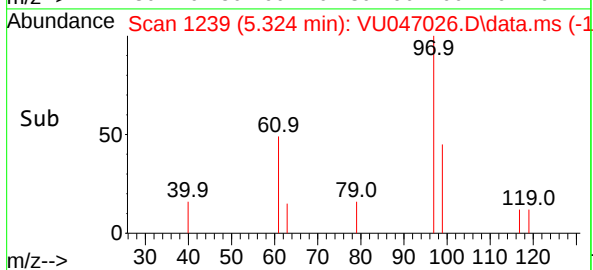
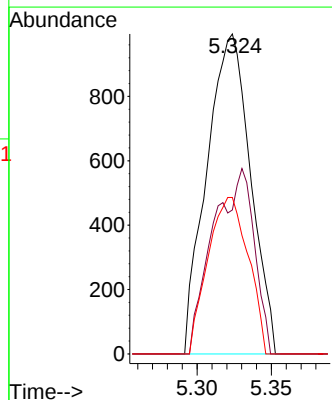
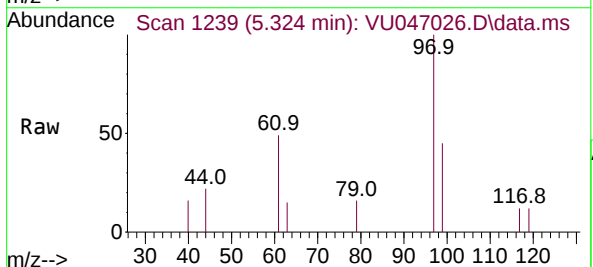


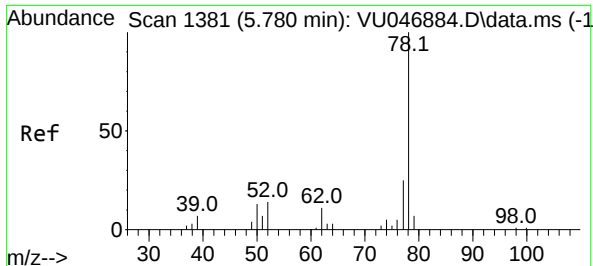
Tgt Ion: 96	Resp: 56921
Ion Ratio	Lower Upper
96	100
61	126.7 88.5 164.3
98	66.6 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.193 ug/L
 RT: 5.324 min Scan# 1239
 Delta R.T. 0.003 min
 Lab File: VU047026.D
 Acq: 03 Feb 2022 17:02

Tgt Ion: 97	Resp: 2031
Ion Ratio	Lower Upper
97	100
99	25.3 51.3 76.9#
61	45.2 36.1 54.1

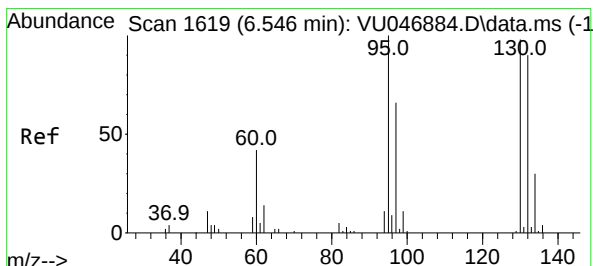
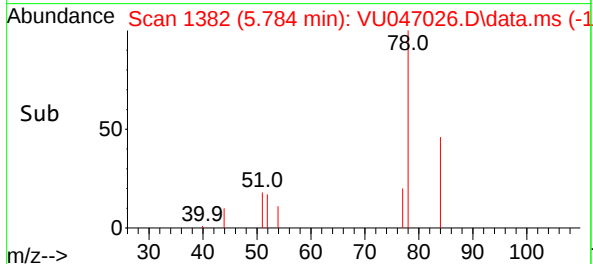
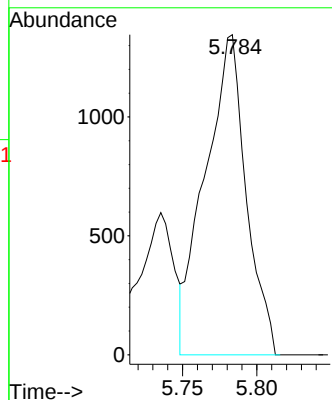
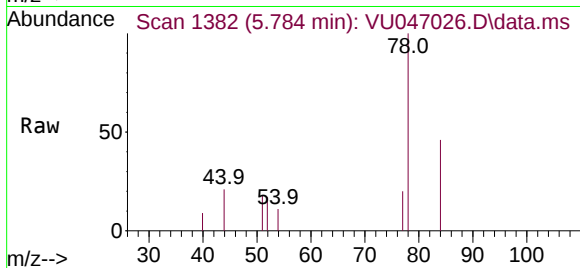




#33
Benzene
Concen: 0.094 ug/L
RT: 5.784 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047026.D
Acq: 03 Feb 2022 17:02

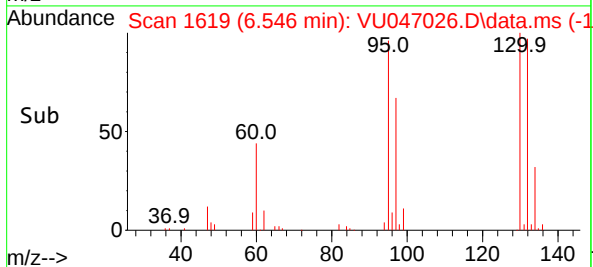
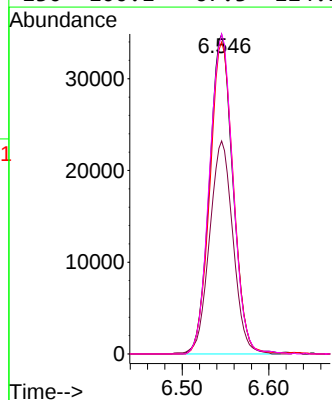
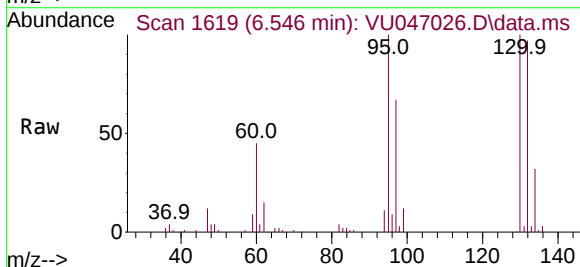
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ClientSampleId :

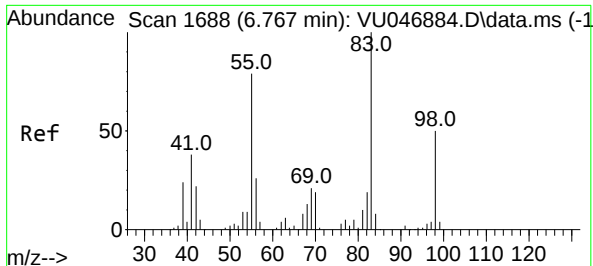
Tgt Ion: 78 Resp: 2578



#34
Trichloroethene
Concen: 9.135 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047026.D
Acq: 03 Feb 2022 17:02

Tgt Ion: 95 Resp: 65248
Ion Ratio Lower Upper
95 100
97 66.6 46.5 86.5
132 97.6 65.1 120.9
130 100.1 67.3 124.9

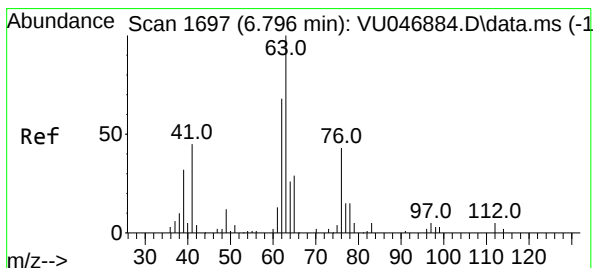
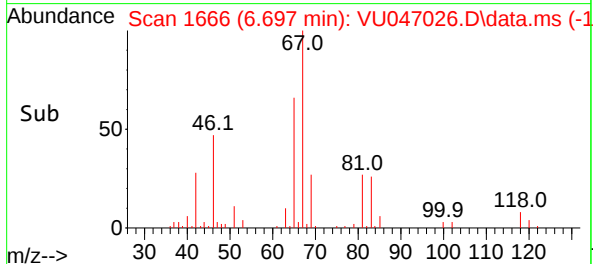
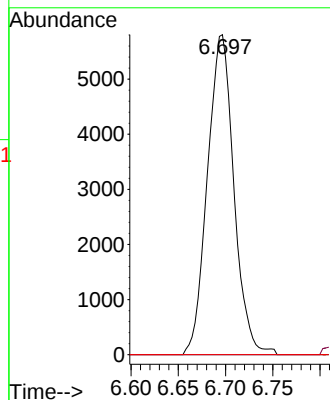
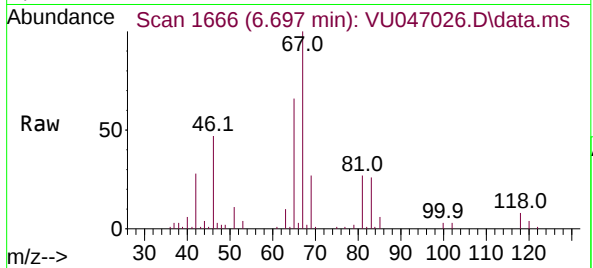




#35
Methylcyclohexane
Concen: 0.945 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU047026.D
Acq: 03 Feb 2022 17:02

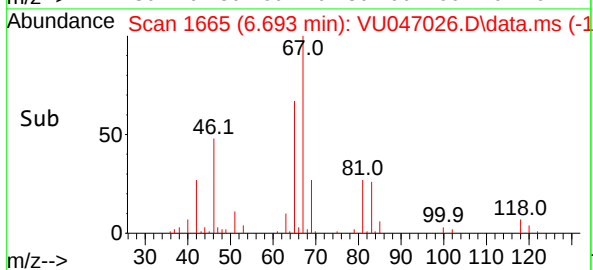
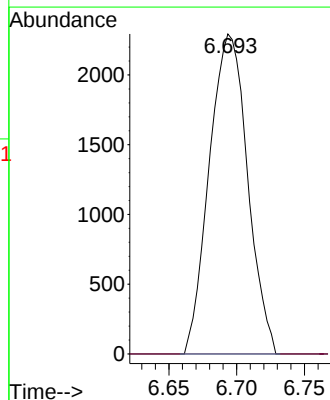
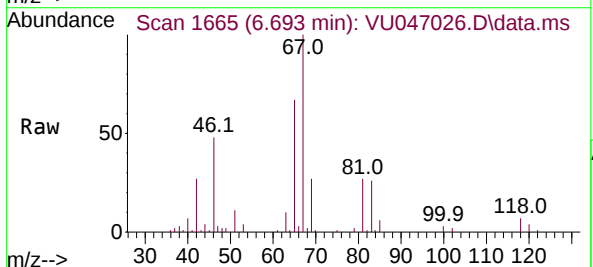
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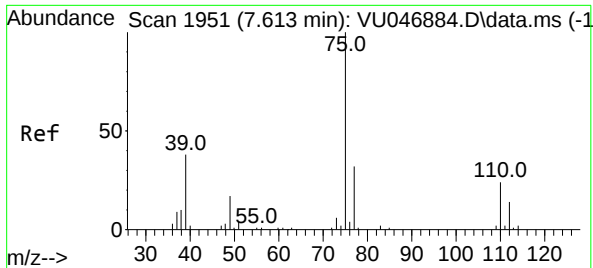
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	61.9	92.9#
98	0.0	39.0	58.6#



#37
1,2-Dichloropropane
Concen: 0.668 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047026.D
Acq: 03 Feb 2022 17:02

Tgt Ion	Ratio	Lower	Upper
63	100		
112	8.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.565 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU047026.D

Acq: 03 Feb 2022 17:02

Instrument :

MSVOA_U

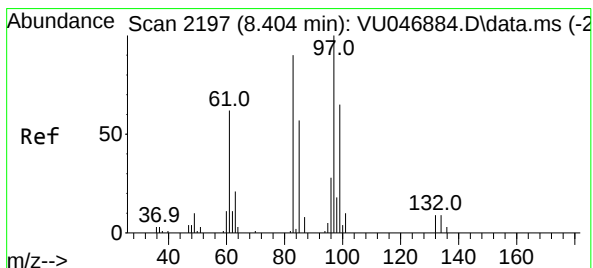
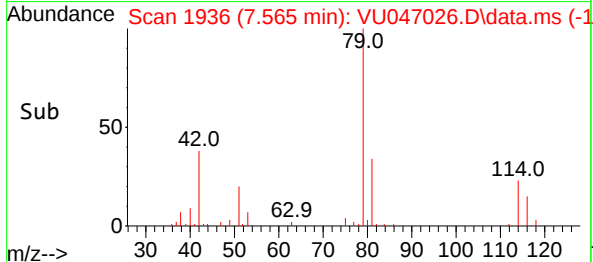
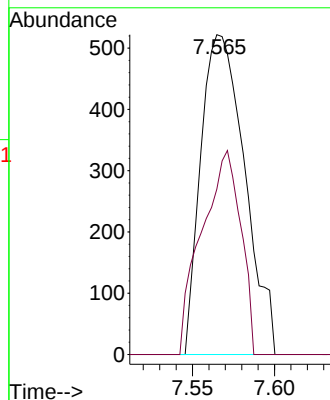
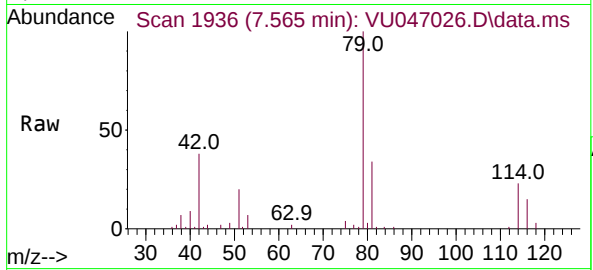
ClientSampleId :

Tgt Ion: 75 Resp: 970

Ion Ratio Lower Upper

75 100

77 51.7 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.287 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU047026.D

Acq: 03 Feb 2022 17:02

Tgt Ion: 97 Resp: 1646

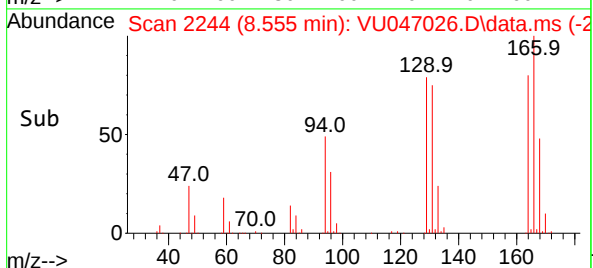
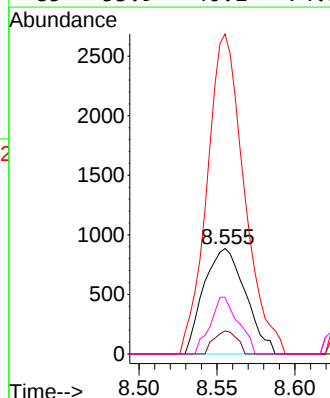
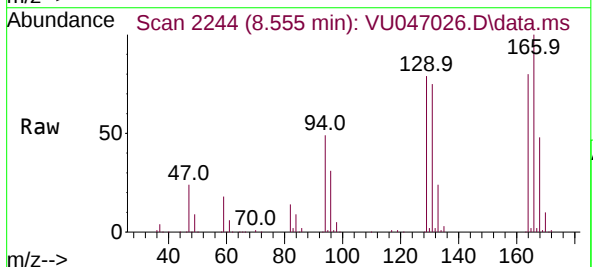
Ion Ratio Lower Upper

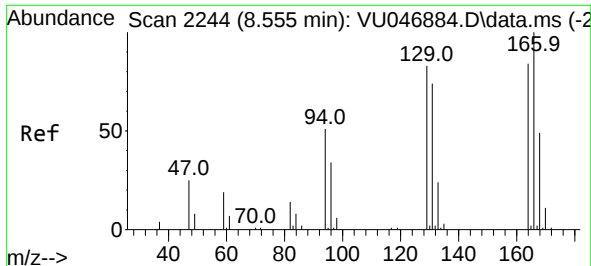
97 100

99 21.8 42.3 78.5#

83 303.6 62.0 115.2#

85 53.9 40.1 74.5





#47

Tetrachloroethene

Concen: 32.019 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

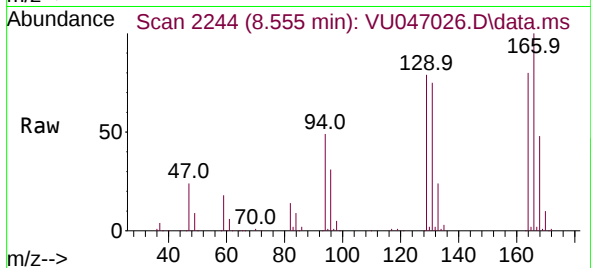
Lab File: VU047026.D

Acq: 03 Feb 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 186009

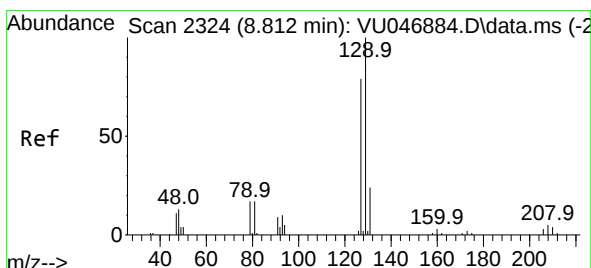
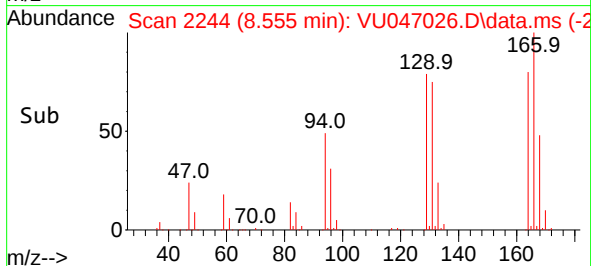
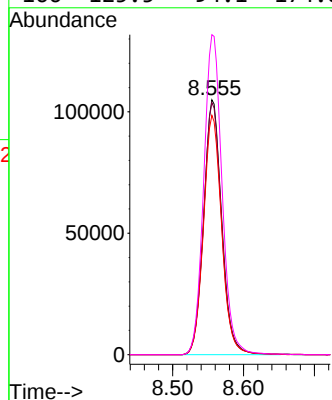
Ion Ratio Lower Upper

164 100

129 98.8 71.8 133.4

131 93.9 68.5 127.3

166 125.5 94.1 174.8



#49

Dibromochloromethane

Concen: 26.839 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047026.D

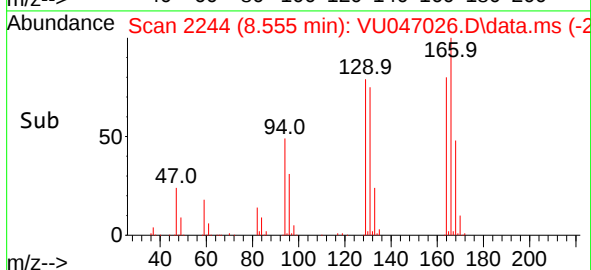
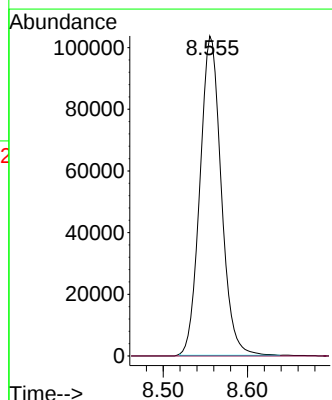
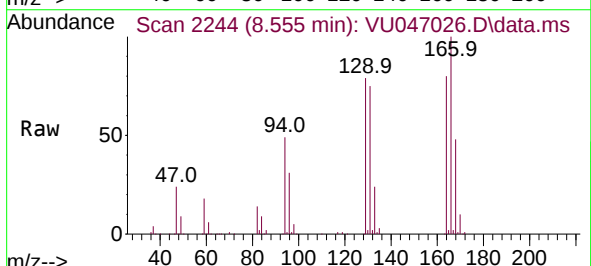
Acq: 03 Feb 2022 17:02

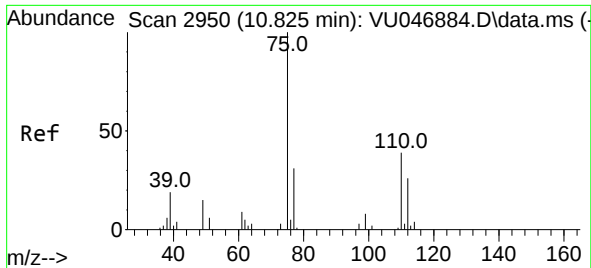
Tgt Ion:129 Resp: 181775

Ion Ratio Lower Upper

129 100

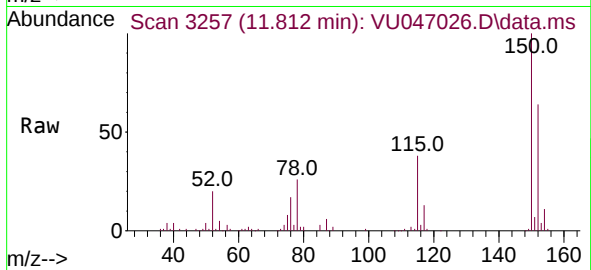
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.436 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047026.D
 Acq: 03 Feb 2022 17:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6089
 Ion Ratio Lower Upper
 75 100
 110 1.7 29.9 44.9#
 77 34.1 25.5 38.3

