

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047028.D
 Acq On : 03 Feb 2022 17:50
 Operator : SY/MD
 Sample : N1348-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXY8

Quant Time: Feb 04 05:49:04 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)

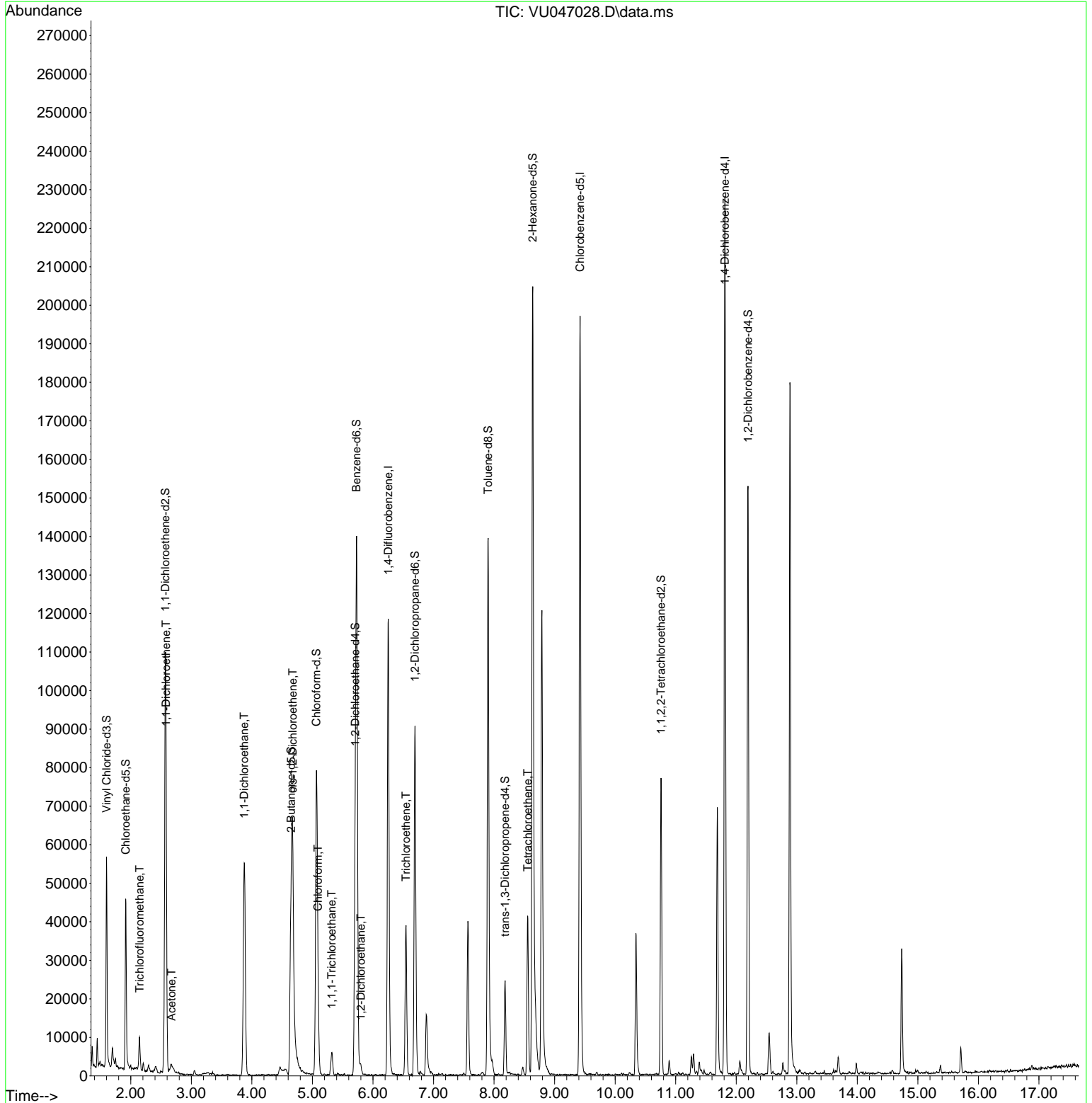
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97950	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40280	4.853	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.000%	
7) Chloroethane-d5	1.916	69	34495	5.275	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.400%	
11) 1,1-Dichloroethene-d2	2.572	65	15994	4.844	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.800%	
20) 2-Butanone-d5	4.649	46	100298	40.791	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.580%	
24) Chloroform-d	5.067	84	72021	4.943	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.707	65	37598	4.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.729	84	133148	3.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.200%	
36) 1,2-Dichloropropane-d6	6.694	67	44086	4.196	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.903	98	100726	3.145	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.000%#	
43) trans-1,3-Dichloroprop...	8.182	79	15143	3.282	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.600%	
46) 2-Hexanone-d5	8.639	63	76361	27.952	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	55.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38524	3.652	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	73.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	40117	3.601	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	72.000%#	
Target Compounds						
						Qvalue
9) Trichlorofluoromethane	2.144	101	5227	0.543	ug/L	98
12) 1,1-Dichloroethene	2.584	96	13414	2.453	ug/L #	74
13) Acetone	2.671	43	5496	4.110	ug/L	57
19) 1,1-Dichloroethane	3.874	63	65339	6.570	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	19601	3.137	ug/L	92
25) Chloroform	5.092	83	12818	0.812	ug/L	97
27) 1,2-Dichloroethane	5.800	62	1609	0.231	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	4369	0.407	ug/L	94
34) Trichloroethene	6.546	95	13222	1.817	ug/L	99
47) Tetrachloroethene	8.555	164	9804	1.656	ug/L	93

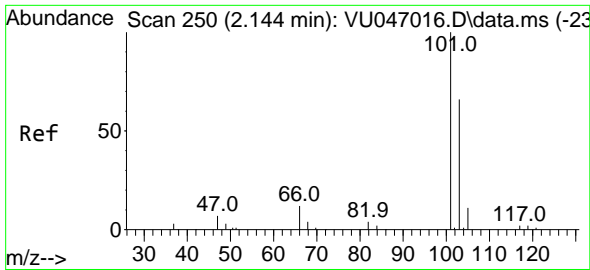
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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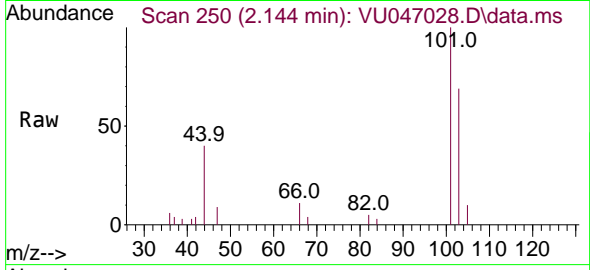
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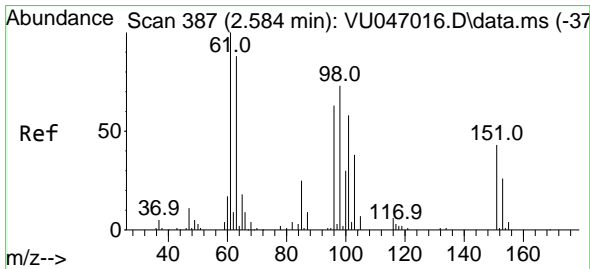
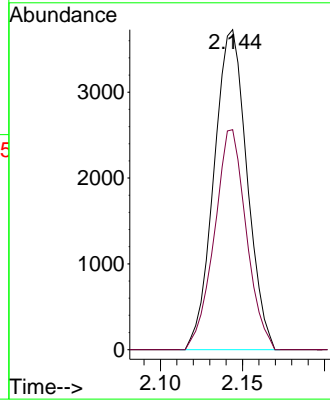
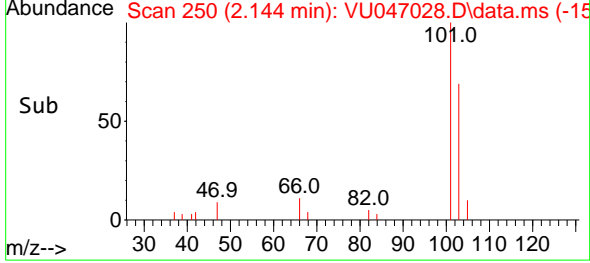


#9
 Trichlorofluoromethane
 Concen: 0.543 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

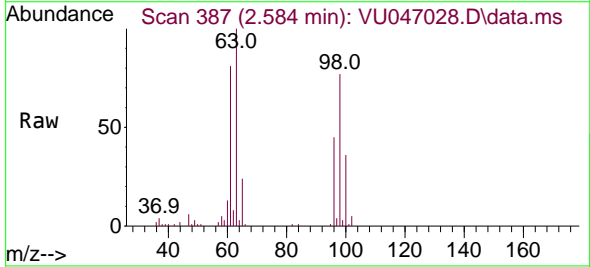
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX8



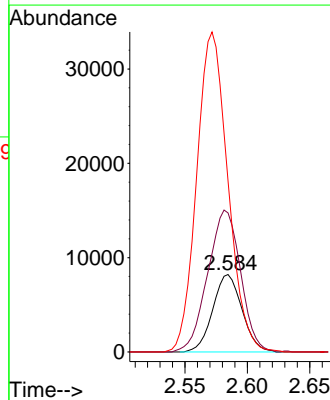
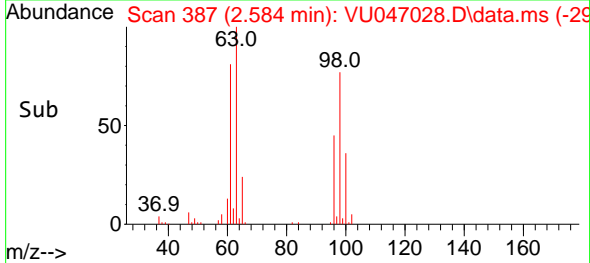
Tgt Ion:101 Resp: 5227
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.5 77.3

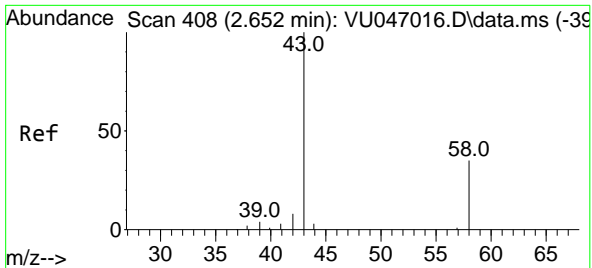


#12
 1,1-Dichloroethene
 Concen: 2.453 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50



Tgt Ion: 96 Resp: 13414
 Ion Ratio Lower Upper
 96 100
 61 179.5 124.7 231.5
 63 220.8 105.2 195.4#

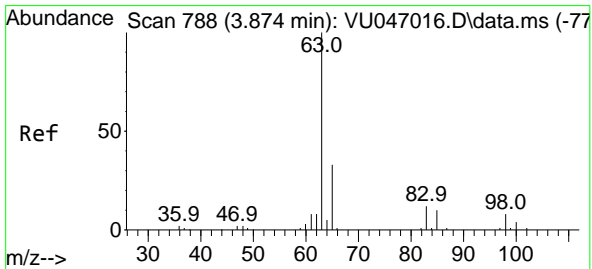
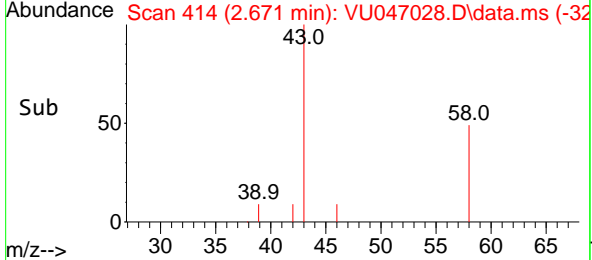
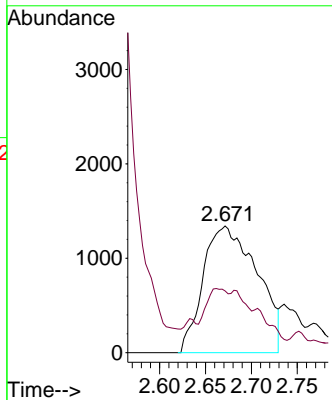
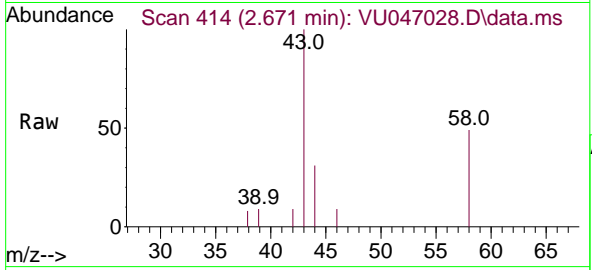




#13
 Acetone
 Concen: 4.110 ug/L
 RT: 2.671 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

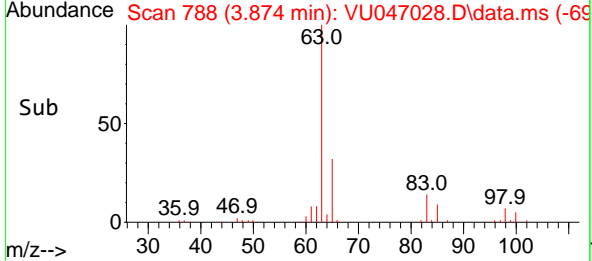
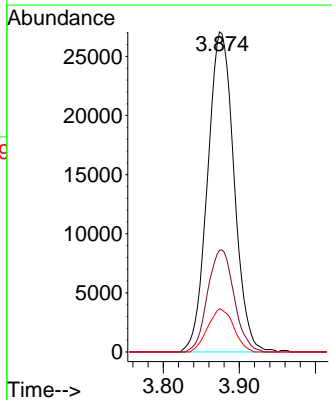
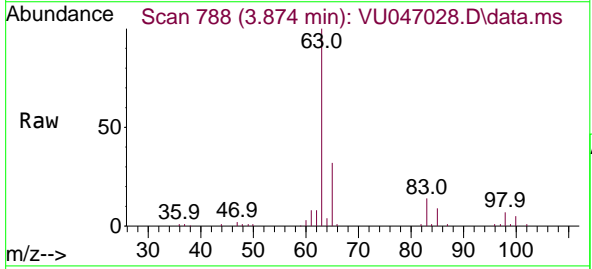
Instrument : MSVOA_U
 ClientSampleId : BFX8

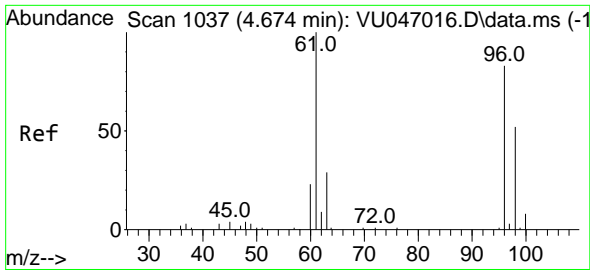
Tgt Ion	Resp	Lower	Upper
43	100		
58	10.3	0.0	71.6



#19
 1,1-Dichloroethane
 Concen: 6.570 ug/L
 RT: 3.874 min Scan# 788
 Delta R.T. -0.003 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

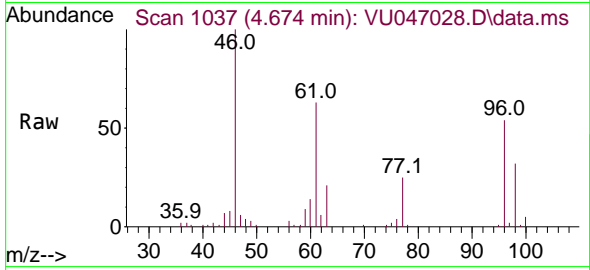
Tgt Ion	Resp	Lower	Upper
63	100		
65	31.8	22.3	41.5
83	13.5	9.6	17.8





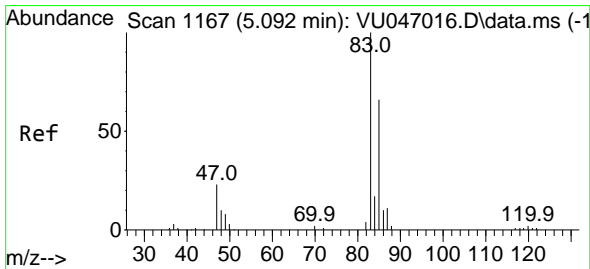
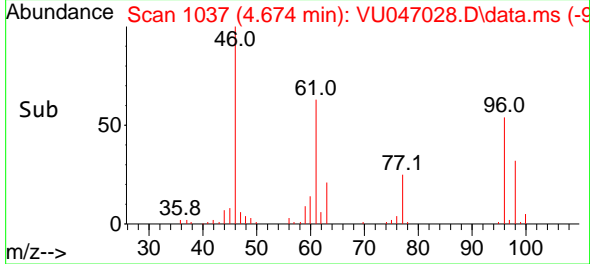
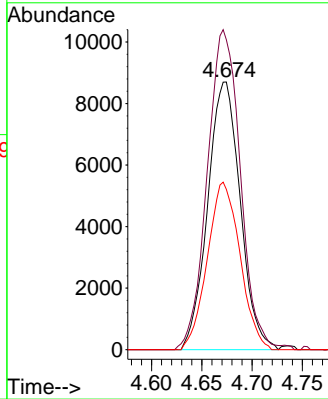
#22
 cis-1,2-Dichloroethene
 Concen: 3.137 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

Instrument : MSVOA_U
 ClientSampleId : BFX8



Tgt Ion: 96 Resp: 19601

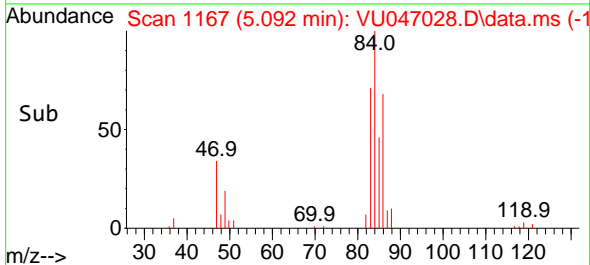
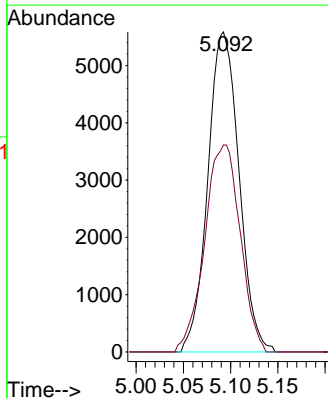
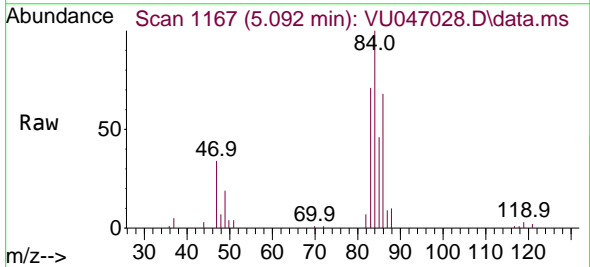
Ion	Ratio	Lower	Upper
96	100		
61	115.8	88.5	164.3
98	59.9	44.4	82.5

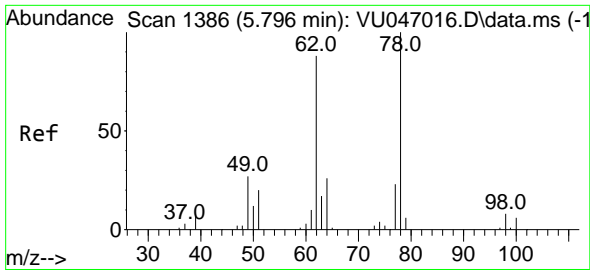


#25
 Chloroform
 Concen: 0.812 ug/L
 RT: 5.092 min Scan# 1167
 Delta R.T. -0.003 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

Tgt Ion: 83 Resp: 12818

Ion	Ratio	Lower	Upper
83	100		
85	64.7	46.9	87.1

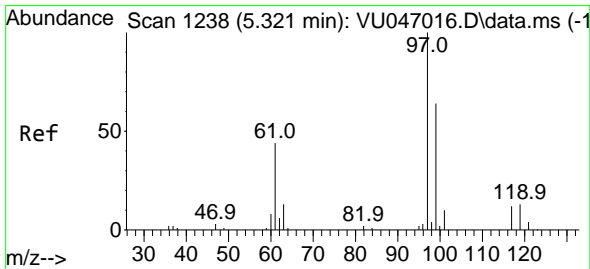
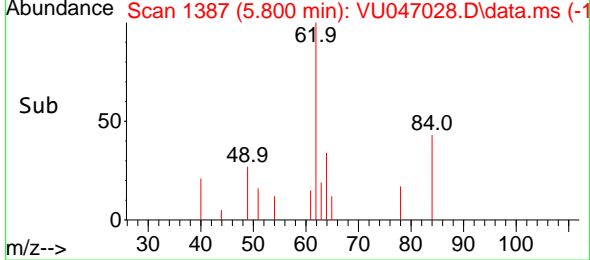
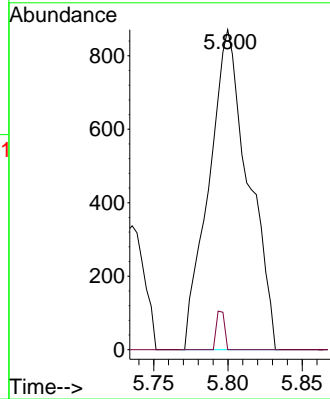
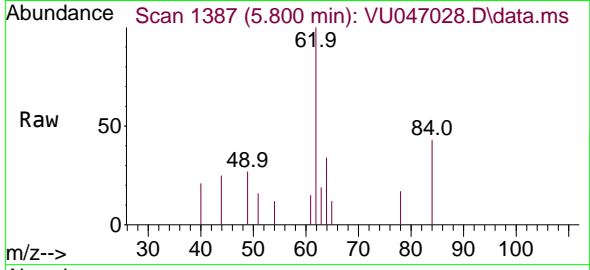




#27
 1,2-Dichloroethane
 Concen: 0.231 ug/L
 RT: 5.800 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

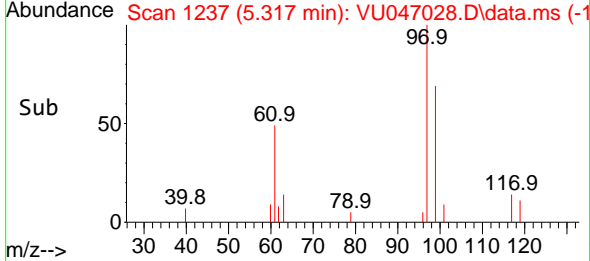
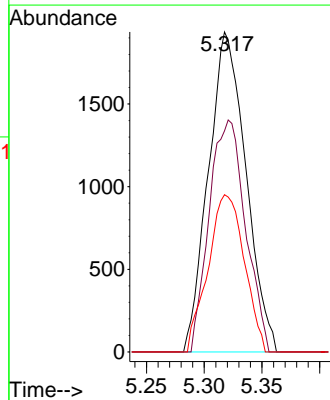
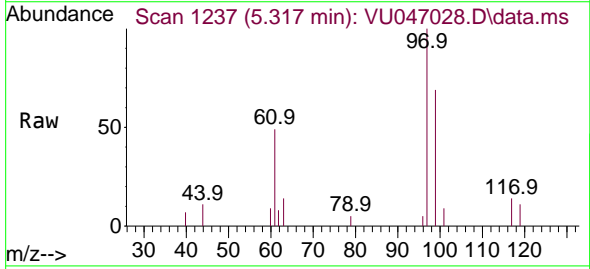
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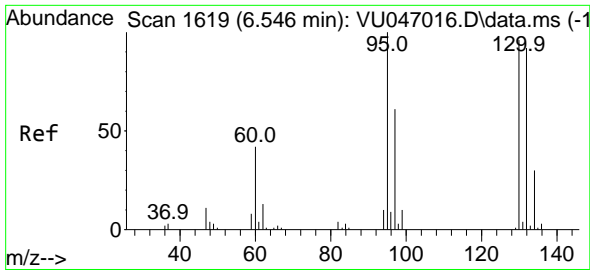
Tgt Ion: 62 Resp: 1609
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#



#29
 1,1,1-Trichloroethane
 Concen: 0.407 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. -0.003 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

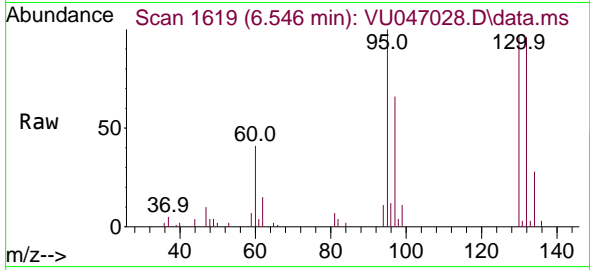
Tgt Ion: 97 Resp: 4369
 Ion Ratio Lower Upper
 97 100
 99 70.3 51.3 76.9
 61 47.5 36.1 54.1



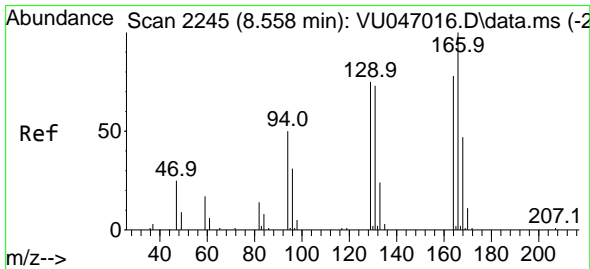
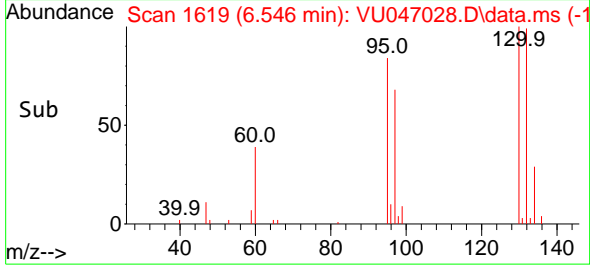
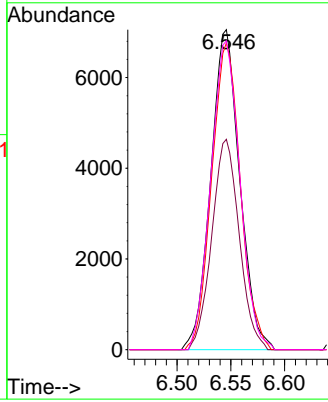


#34
 Trichloroethene
 Concen: 1.817 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

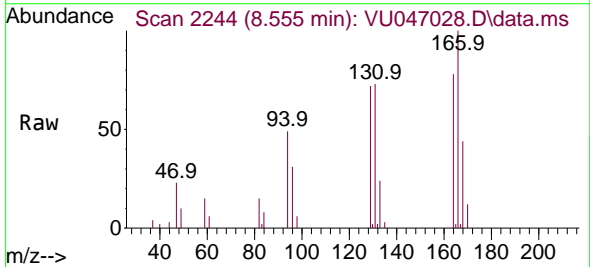
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXY8



Tgt Ion: 95 Resp: 13222
 Ion Ratio Lower Upper
 95 100
 97 65.7 46.5 86.5
 132 95.9 65.1 120.9
 130 96.5 67.3 124.9



#47
 Tetrachloroethene
 Concen: 1.656 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. -0.000 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50



Tgt Ion: 164 Resp: 9804
 Ion Ratio Lower Upper
 164 100
 129 91.9 71.8 133.4
 131 93.5 68.5 127.3
 166 127.6 94.1 174.8

