

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU046996.D
 Acq On : 02 Feb 2022 12:45
 Operator : SY/MD
 Sample : N1348-01 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX5

Quant Time: Feb 03 02:59:31 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)

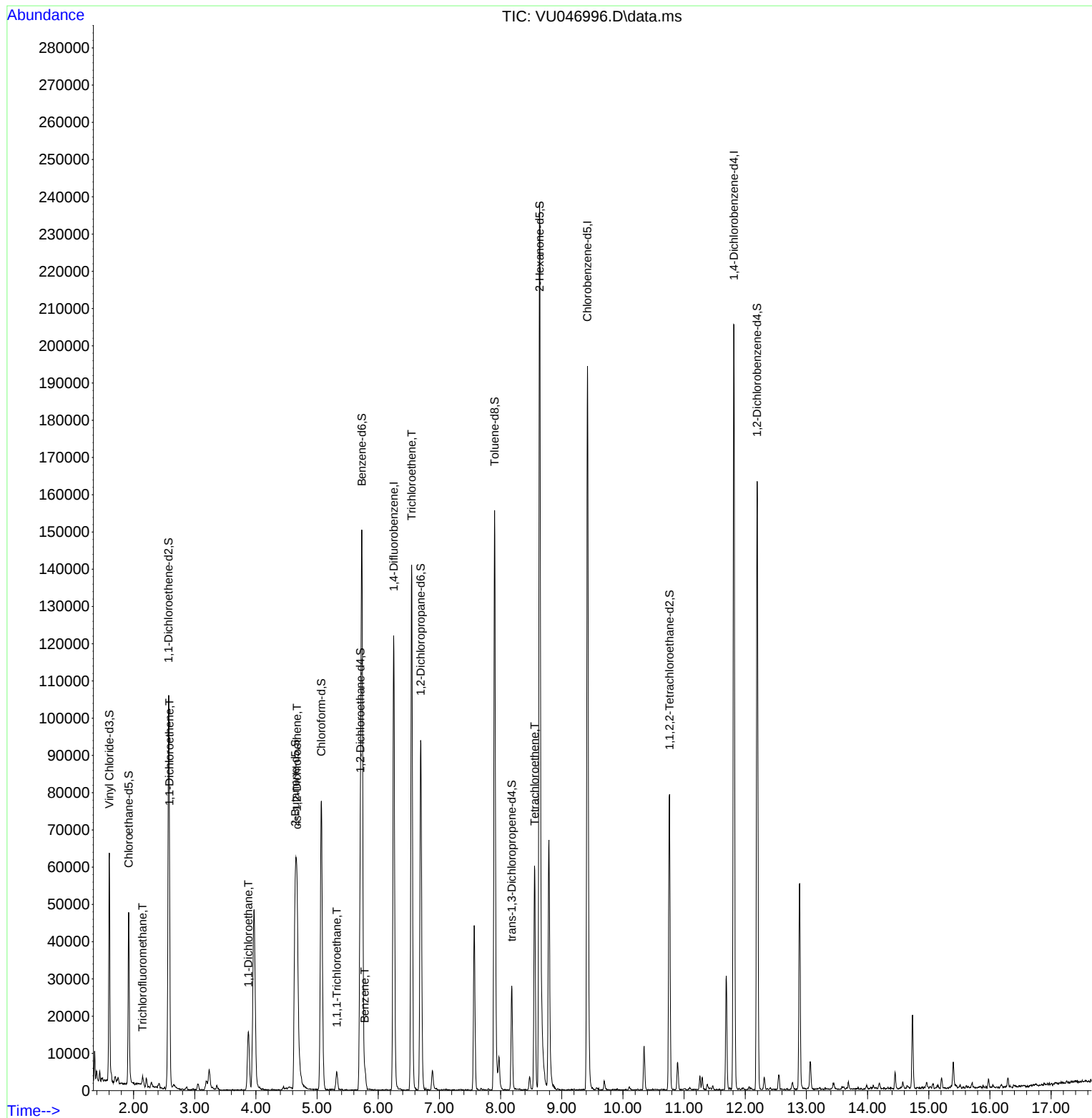
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	55823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45037	5.313	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.200%
7) Chloroethane-d5	1.919	69	36976	5.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	2.572	65	17871	5.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.000%
20) 2-Butanone-d5	4.645	46	114601	45.638	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.280%
24) Chloroform-d	5.070	84	73520	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.706	65	40020	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	143710	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.694	67	46003	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.903	98	110951	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.182	79	16651	3.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.639	63	89282	32.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.700%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	40425	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42521	4.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
9) Trichlorofluoromethane	2.147	101	1021	0.104	ug/L	91
12) 1,1-Dichloroethene	2.588	96	9350	1.674	ug/L #	48
19) 1,1-Dichloroethane	3.877	63	19487	1.919	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	14257	2.234	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	3529	0.331	ug/L	98
33) Benzene	5.780	78	4292	0.154	ug/L	100
34) Trichloroethene	6.546	95	48583	6.709	ug/L	98
47) Tetrachloroethene	8.558	164	13449	2.284	ug/L	99

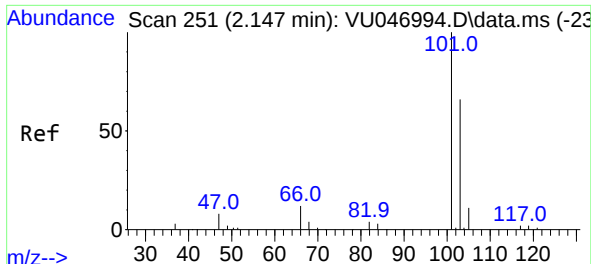
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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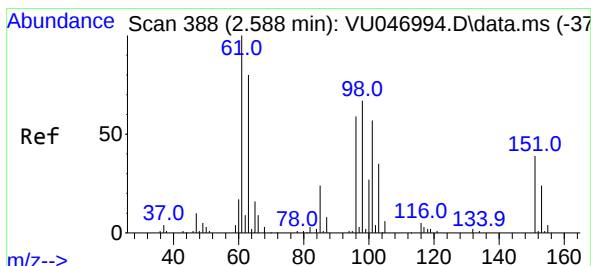
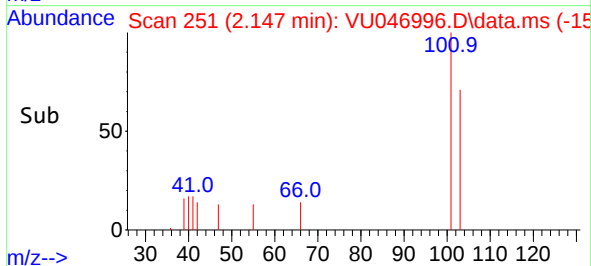
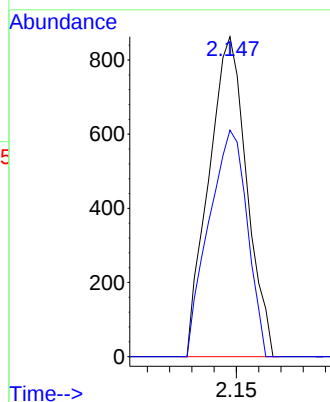
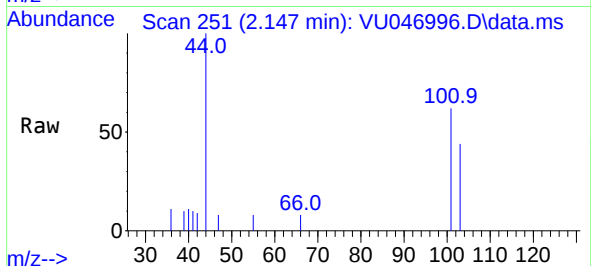




#9
 Trichlorofluoromethane
 Concen: 0.104 ug/L
 RT: 2.147 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046996.D
 Acq: 02 Feb 2022 12:45

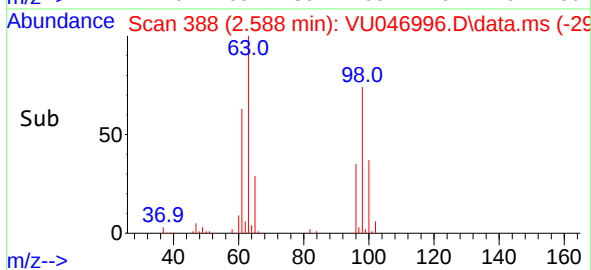
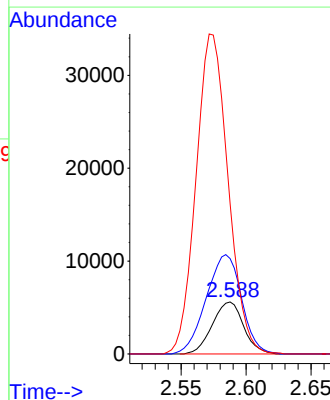
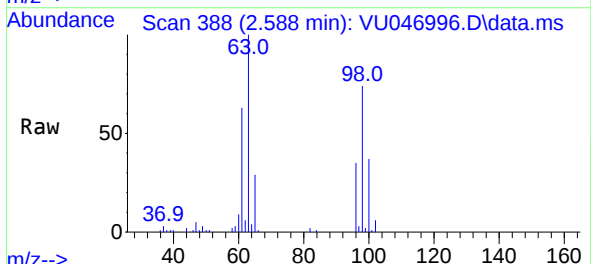
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX5

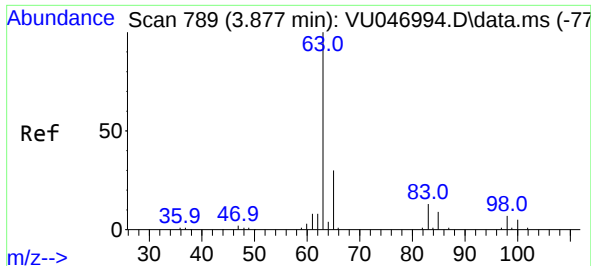
Tgt Ion:101 Resp: 1021
 Ion Ratio Lower Upper
 101 100
 103 71.5 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 1.674 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046996.D
 Acq: 02 Feb 2022 12:45

Tgt Ion: 96 Resp: 9350
 Ion Ratio Lower Upper
 96 100
 61 183.2 124.7 231.5
 63 288.6 105.2 195.4#

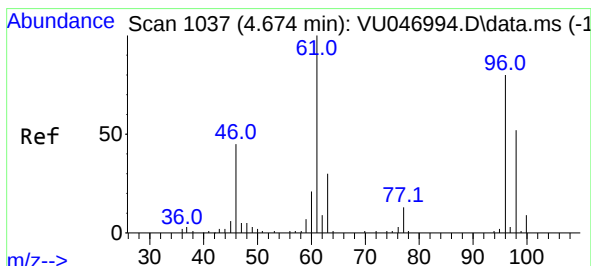
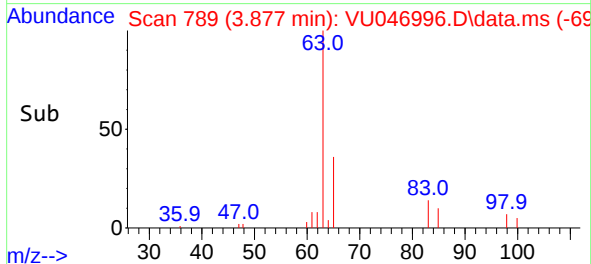
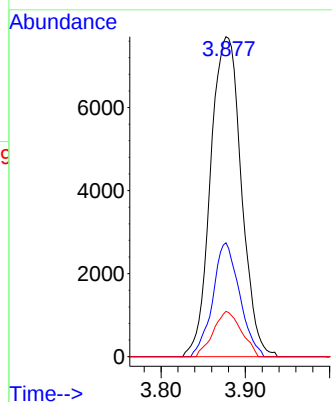
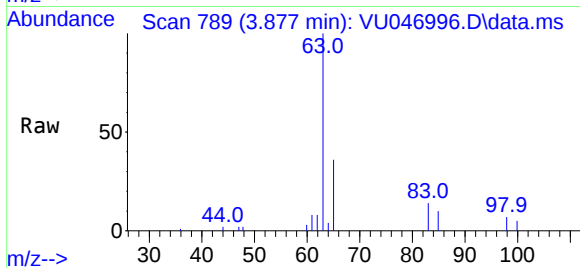




#19
1,1-Dichloroethane
Concen: 1.919 ug/L
RT: 3.877 min Scan# 719
Delta R.T. -0.000 min
Lab File: VU046996.D
Acq: 02 Feb 2022 12:45

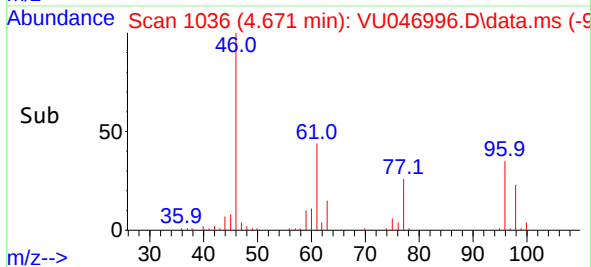
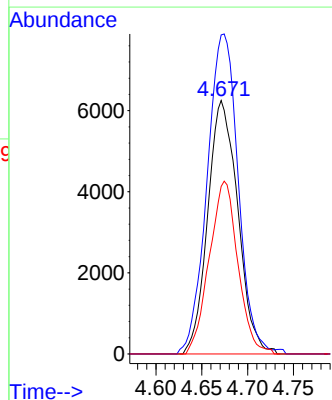
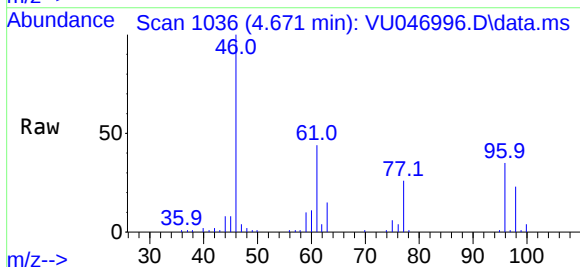
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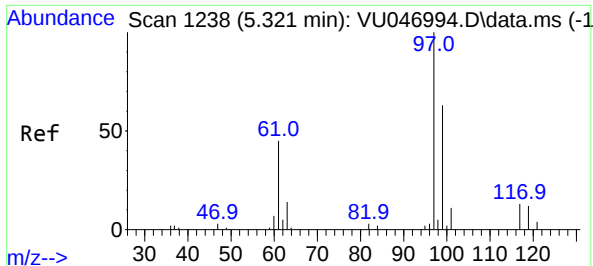
Tgt Ion:	63	Resp:	19487
Ion	Ratio	Lower	Upper
63	100		
65	35.6	22.3	41.5
83	14.1	9.6	17.8



#22
cis-1,2-Dichloroethene
Concen: 2.234 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046996.D
Acq: 02 Feb 2022 12:45

Tgt Ion:	96	Resp:	14257
Ion	Ratio	Lower	Upper
96	100		
61	125.9	88.5	164.3
98	66.1	44.4	82.5

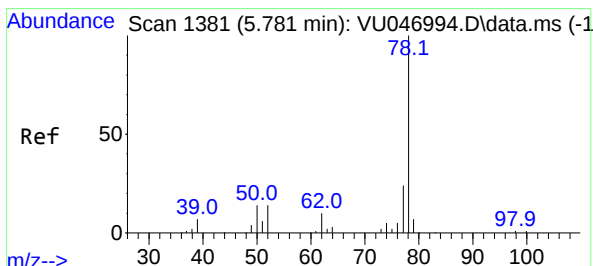
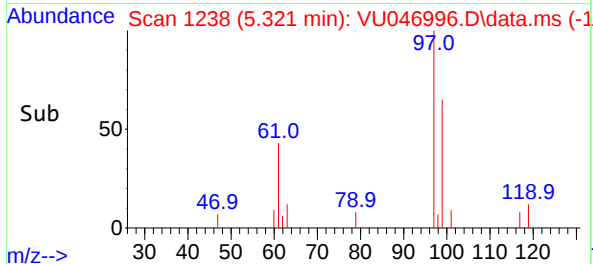
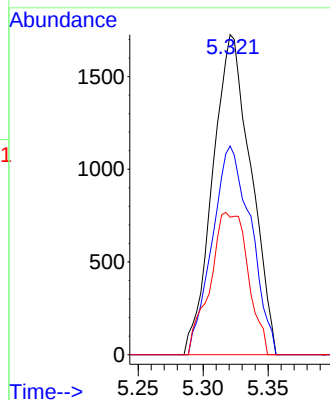
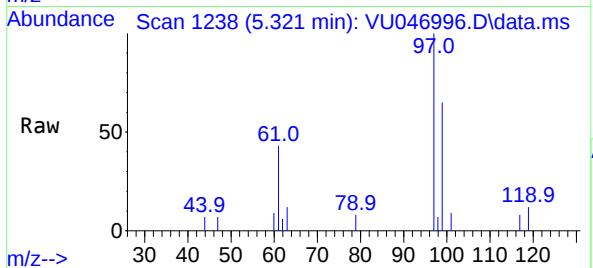




#29
1,1,1-Trichloroethane
Concen: 0.331 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046996.D
Acq: 02 Feb 2022 12:45

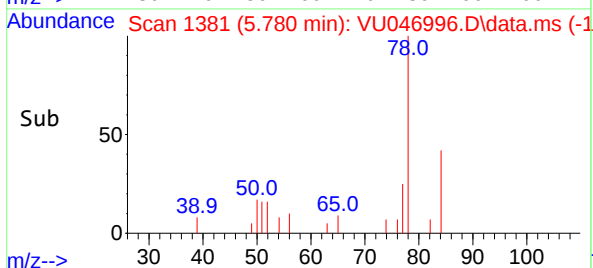
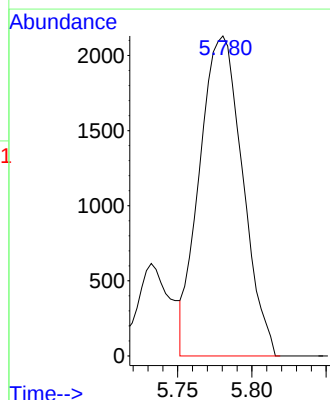
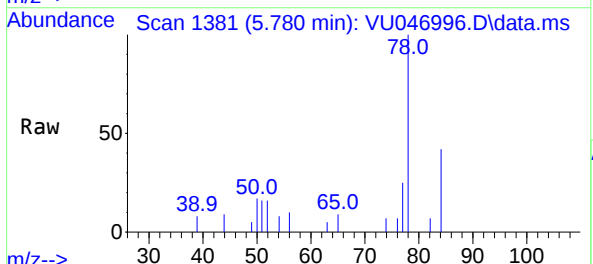
Instrument :
MSVOA_U
ClientSampleId :
BFX5

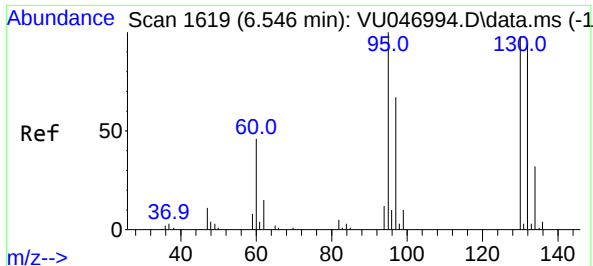
Tgt Ion: 97 Resp: 3529
Ion Ratio Lower Upper
97 100
99 66.0 51.3 76.9
61 44.0 36.1 54.1



#33
Benzene
Concen: 0.154 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU046996.D
Acq: 02 Feb 2022 12:45

Tgt Ion: 78 Resp: 4292



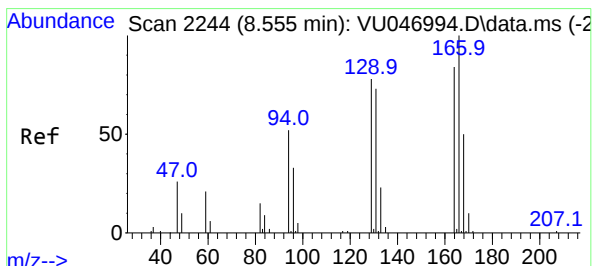
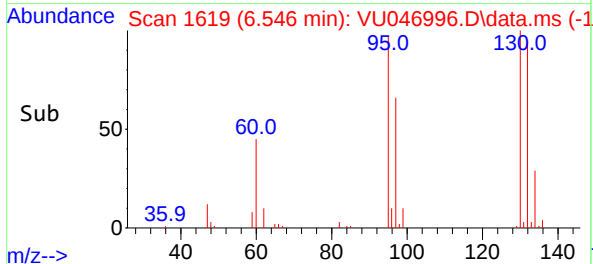
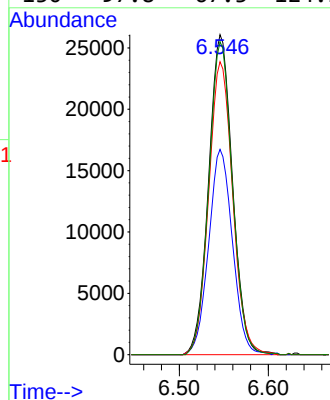
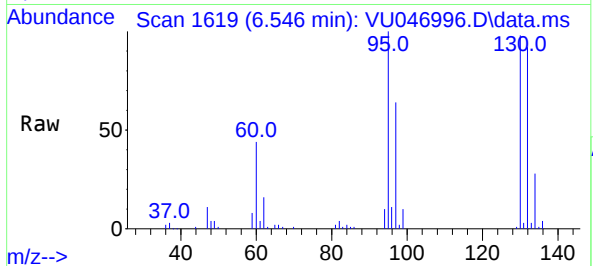


#34
Trichloroethene
Concen: 6.709 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046996.D
Acq: 02 Feb 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
BFX5

Tgt Ion: 95 Resp: 48583

Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.5	86.5
132	91.5	65.1	120.9
130	97.8	67.3	124.9



#47
Tetrachloroethene
Concen: 2.284 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046996.D
Acq: 02 Feb 2022 12:45

Tgt Ion: 164 Resp: 13449

Ion	Ratio	Lower	Upper
164	100		
129	101.5	71.8	133.4
131	97.8	68.5	127.3
166	131.3	94.1	174.8

