

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010622\
 Data File : VU046685.D
 Acq On : 06 Jan 2022 14:38
 Operator : SY/MD
 Sample : N1027-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J16

Quant Time: Jan 07 03:15:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 07 03:14:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

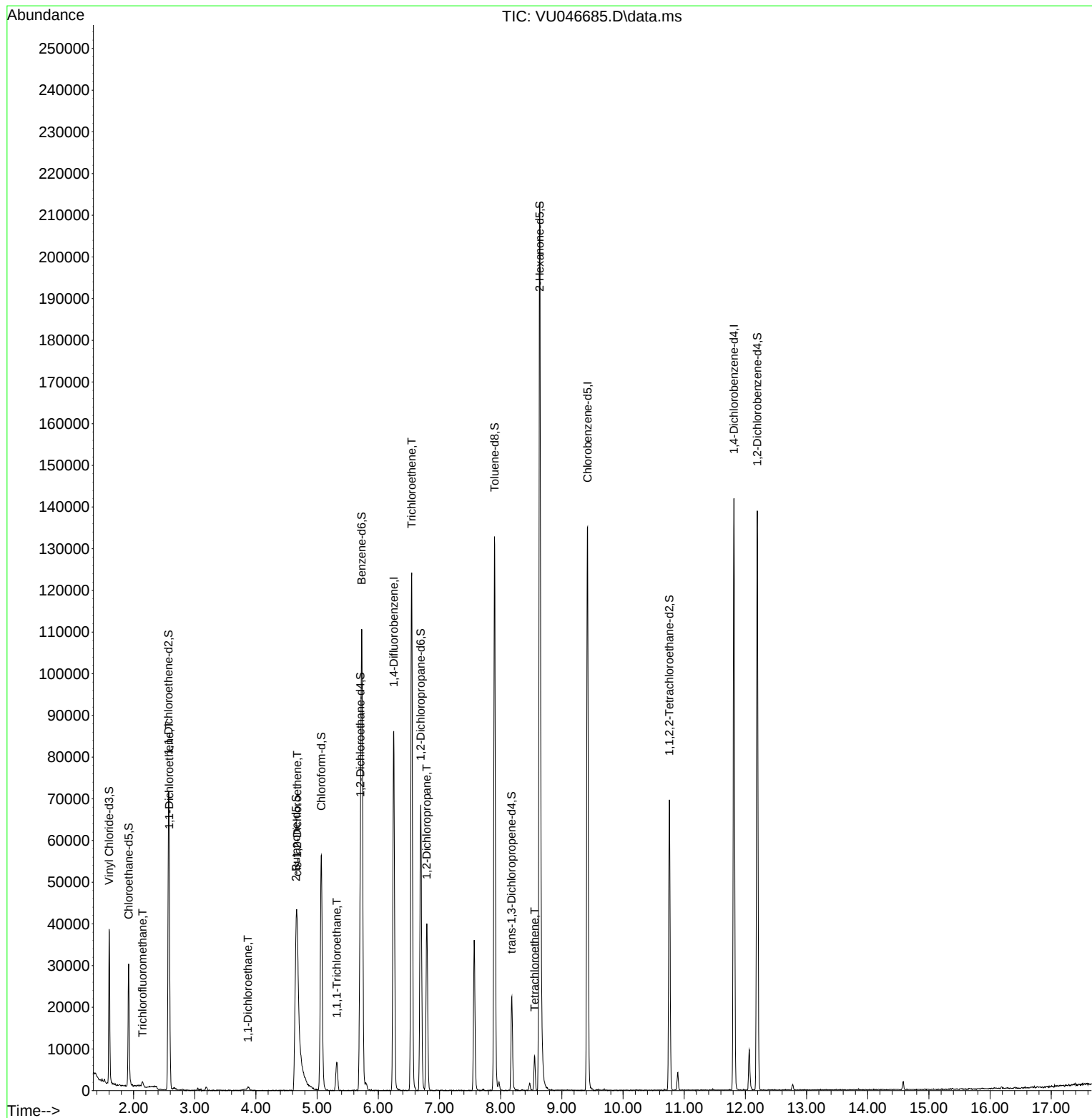
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	72681	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	78445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27687	4.836	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.919	69	23035	5.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.572	65	12135	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.655	46	93080	56.052	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.100%
24) Chloroform-d	5.070	84	54708	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.706	65	32864	5.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.729	84	106344	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.694	67	33217	5.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.899	98	90359	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.179	79	14175	4.664	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.639	63	86642	48.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34152	5.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	37265	5.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	779	0.063	ug/L	98
12) 1,1-Dichloroethene	2.584	96	5761	0.901	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	1651	0.131	ug/L #	80
22) cis-1,2-Dichloroethene	4.674	96	8442	1.132	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	5585	0.431	ug/L	96
34) Trichloroethene	6.546	95	43802	5.331	ug/L	98
37) 1,2-Dichloropropane	6.793	63	16277	2.047	ug/L	99
47) Tetrachloroethene	8.555	164	1740	0.299	ug/L	95

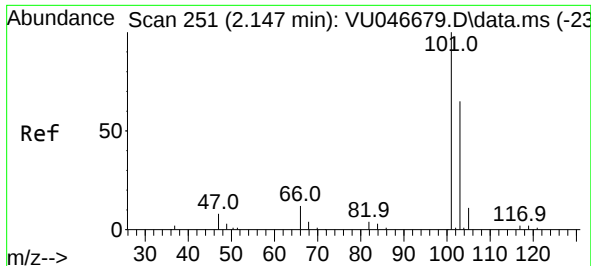
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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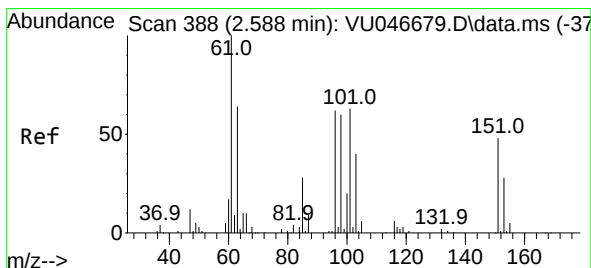
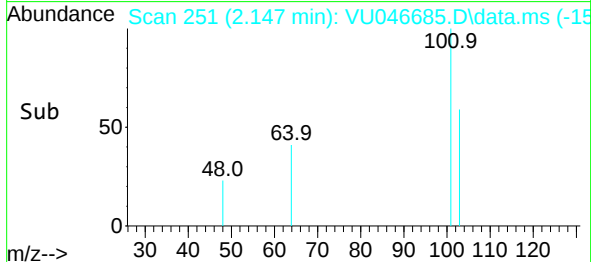
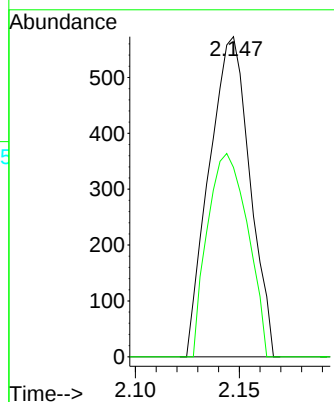
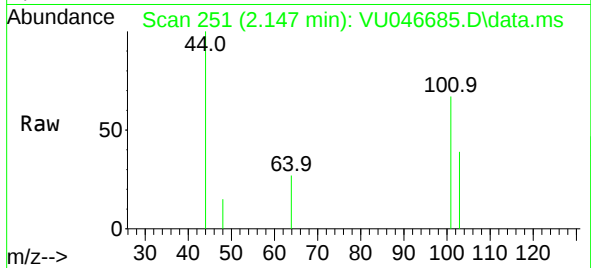




#9
 Trichlorofluoromethane
 Concen: 0.063 ug/L
 RT: 2.147 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046685.D
 Acq: 06 Jan 2022 14:38

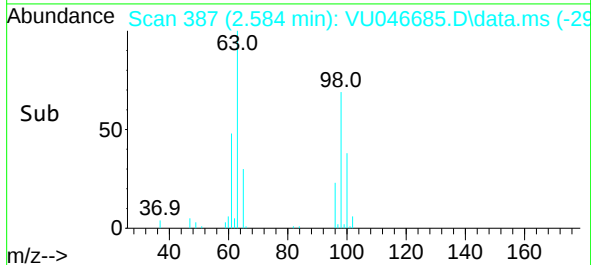
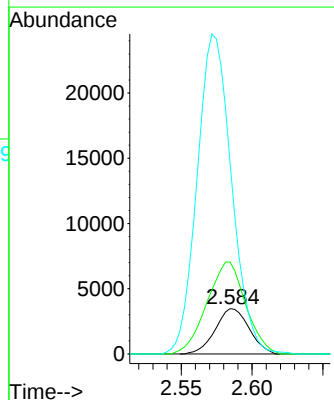
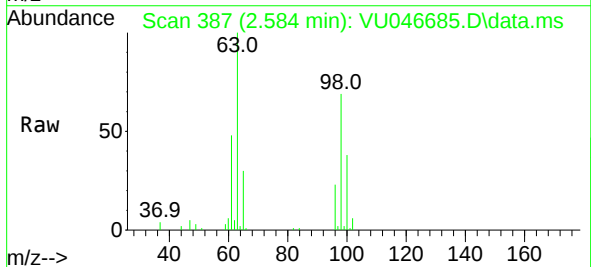
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J16

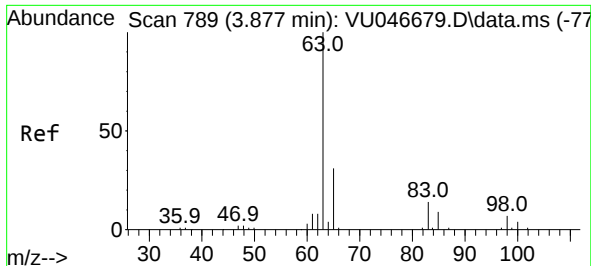
Tgt Ion:101 Resp: 779
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 0.901 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046685.D
 Acq: 06 Jan 2022 14:38

Tgt Ion: 96 Resp: 5761
 Ion Ratio Lower Upper
 96 100
 61 203.1 124.7 231.5
 63 425.6 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.131 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.010 min

Lab File: VU046685.D

Acq: 06 Jan 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

C0J16

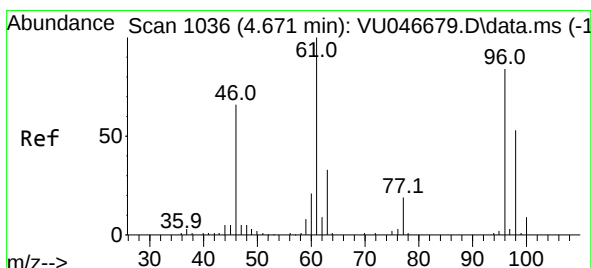
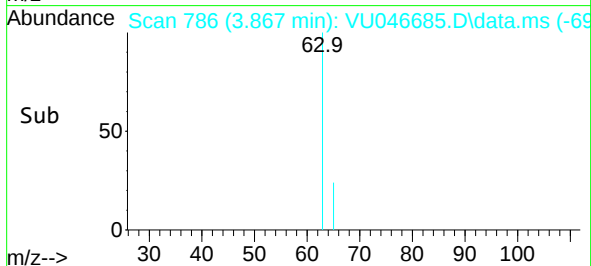
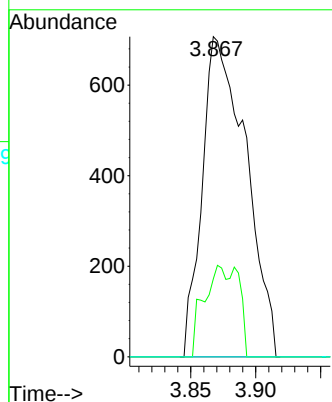
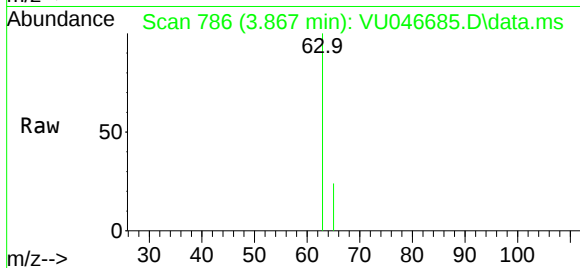
Tgt Ion: 63 Resp: 1651

Ion Ratio Lower Upper

63 100

65 24.3 22.3 41.5

83 0.0 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 1.132 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU046685.D

Acq: 06 Jan 2022 14:38

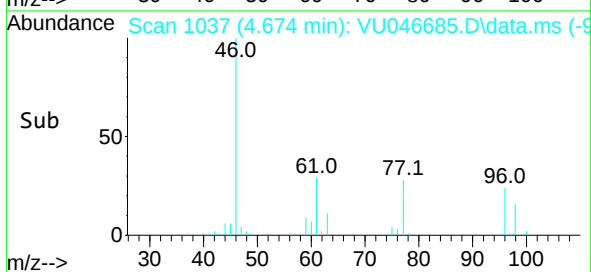
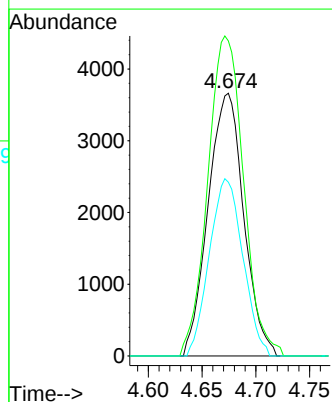
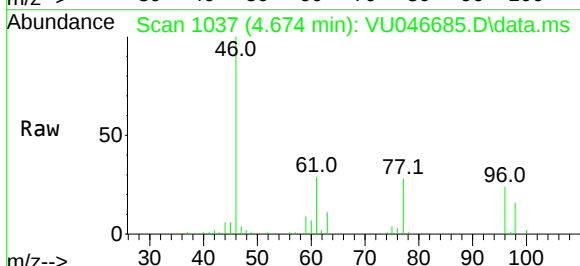
Tgt Ion: 96 Resp: 8442

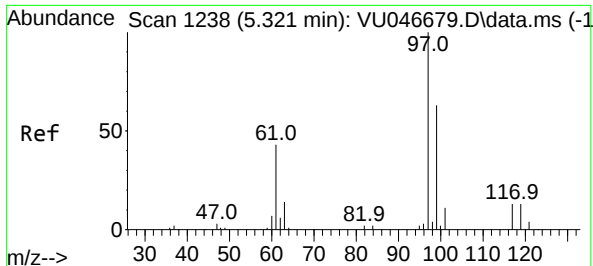
Ion Ratio Lower Upper

96 100

61 119.9 88.5 164.3

98 66.2 44.4 82.5

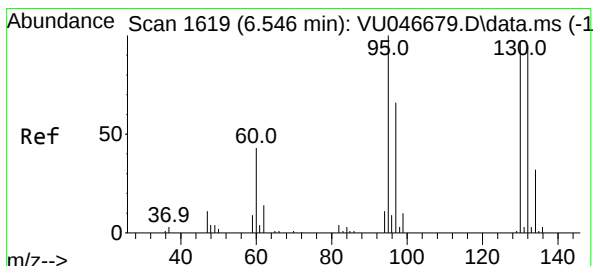
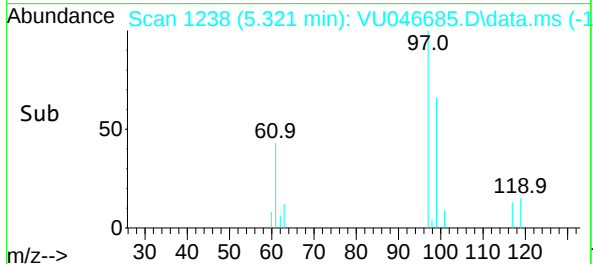
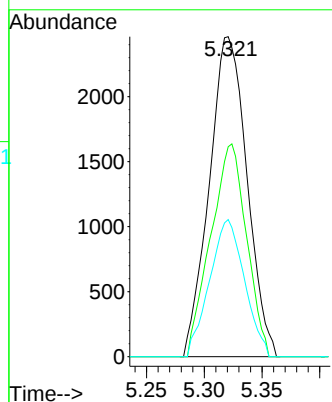
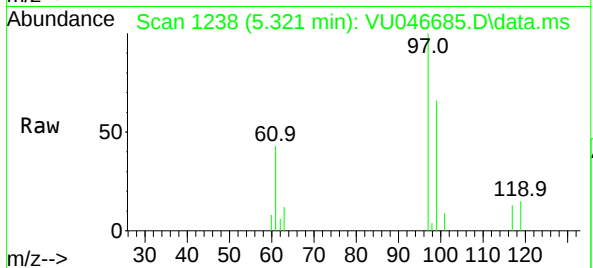




#29
1,1,1-Trichloroethane
Concen: 0.431 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU046685.D
Acq: 06 Jan 2022 14:38

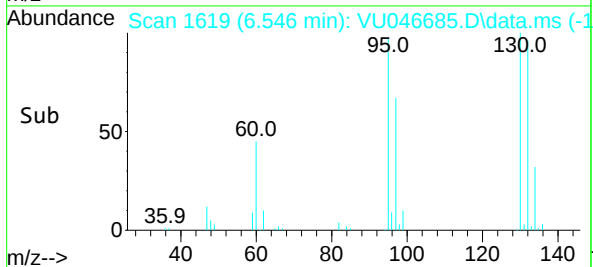
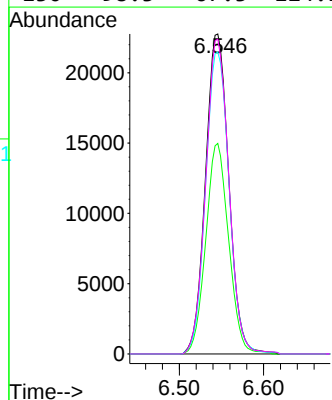
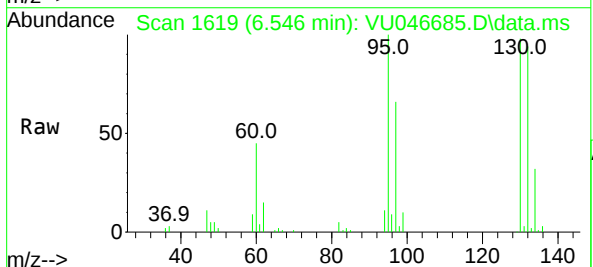
Instrument :
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C0J16

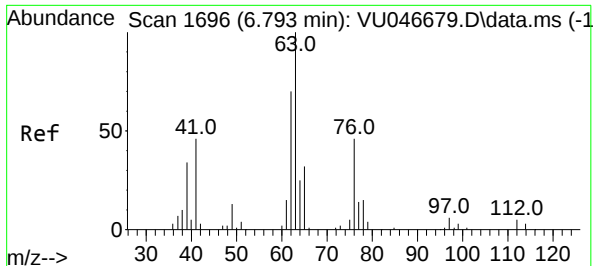
Tgt Ion: 97	Resp: 5585
Ion Ratio	Lower Upper
97 100	
99 63.1	51.3 76.9
61 39.6	36.1 54.1



#34
Trichloroethene
Concen: 5.331 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046685.D
Acq: 06 Jan 2022 14:38

Tgt Ion: 95	Resp: 43802
Ion Ratio	Lower Upper
95 100	
97 65.8	46.5 86.5
132 94.4	65.1 120.9
130 98.3	67.3 124.9





#37

1,2-Dichloropropane

Concen: 2.047 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046685.D

Acq: 06 Jan 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

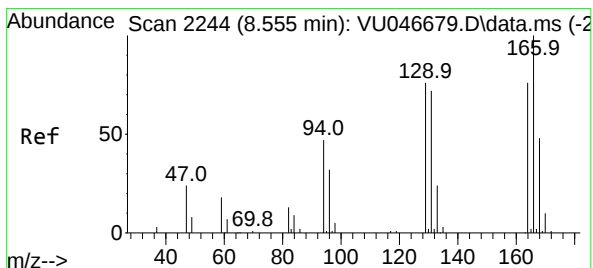
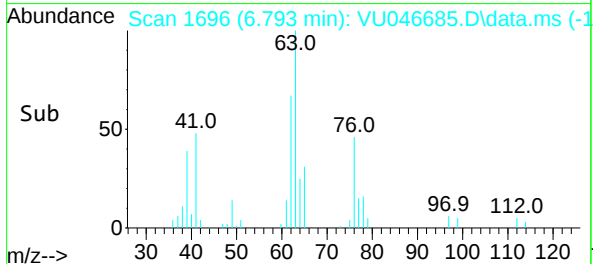
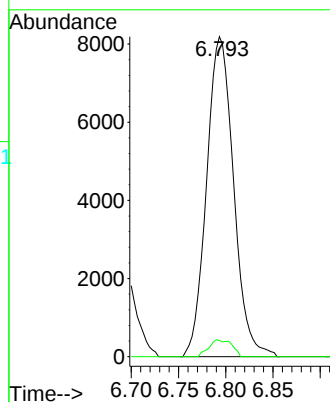
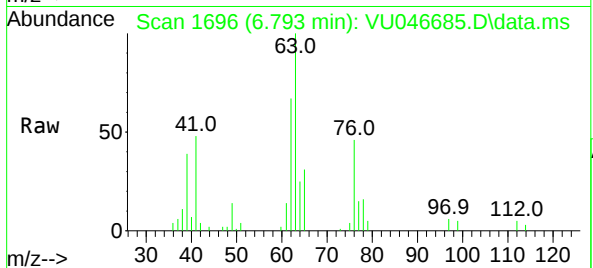
C0J16

Tgt Ion: 63 Resp: 16277

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#47

Tetrachloroethene

Concen: 0.299 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046685.D

Acq: 06 Jan 2022 14:38

Tgt Ion:164 Resp: 1740

Ion Ratio Lower Upper

164 100

129 101.2 71.8 133.4

131 86.3 68.5 127.3

166 130.1 94.1 174.8

