

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010622\
 Data File : VU046685.D
 Acq On : 06 Jan 2022 14:38
 Operator : SY/MD
 Sample : M1027-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

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)

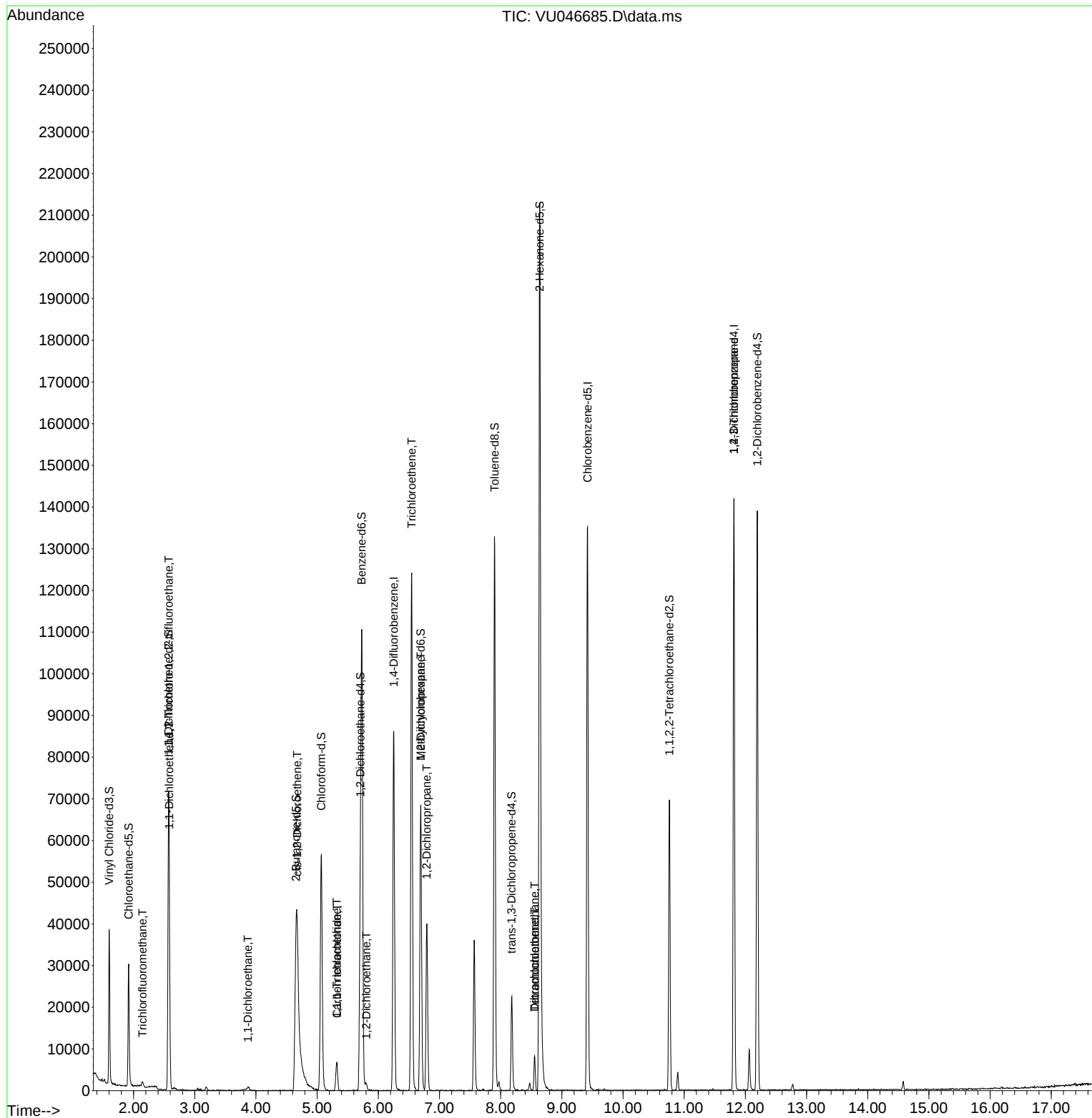
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	72681	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	78445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27687	4.836	ug/L	0.00
Spiked Amount	5.000	Range	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
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	356	0.057	ug/L #	21
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
27) 1,2-Dichloroethane	5.803	62	1598	0.165	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	5585	0.431	ug/L	96
31) Carbon tetrachloride	5.324	117	660	0.061	ug/L	86
34) Trichloroethene	6.546	95	43802	5.331	ug/L	98
35) Methylcyclohexane	6.694	83	8231	0.711	ug/L #	17
37) 1,2-Dichloropropane	6.793	63	16277	2.047	ug/L	99
47) Tetrachloroethene	8.555	164	1740	0.299	ug/L	95
49) Dibromochloromethane	8.555	129	1811	0.229	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4441	0.692	ug/L #	66

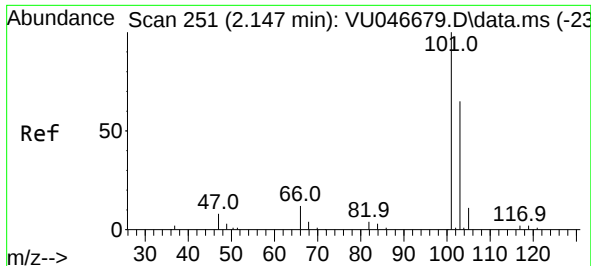
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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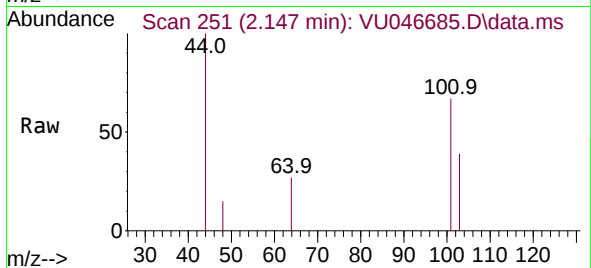
Quant Time: Jan 07 03:15:55 2022
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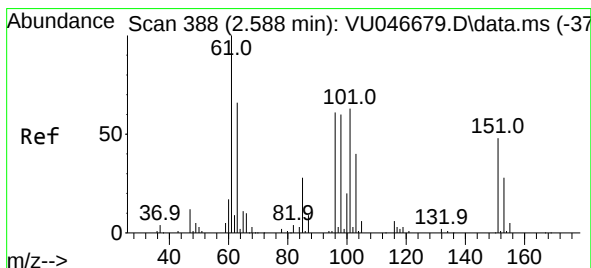
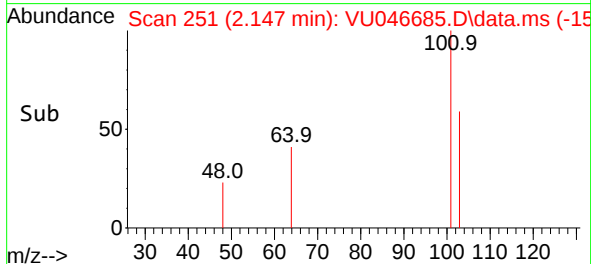
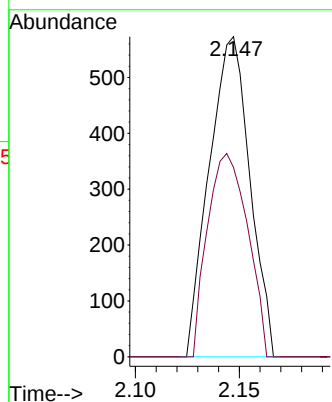


#9
 Trichlorofluoromethane
 Concen: 0.063 ug/L
 RT: 2.147 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046685.D
 Acq: 06 Jan 2022 14:38

Instrument :
 MSVOA_U
 ClientSampleId :

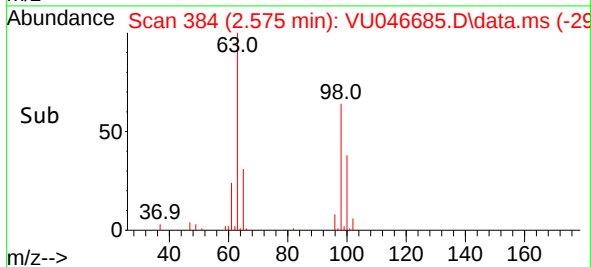
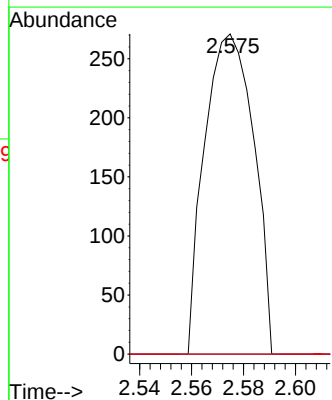
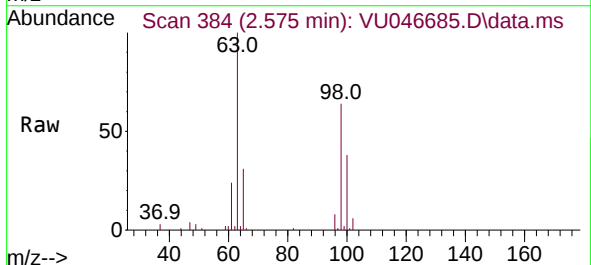


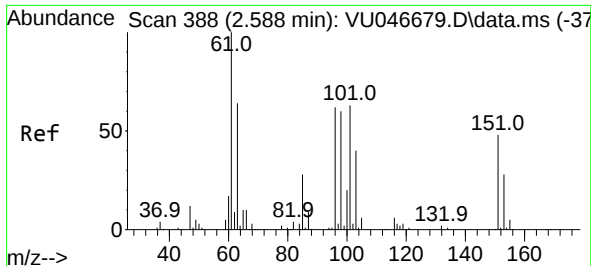
Tgt Ion:101 Resp: 779
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.057 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046685.D
 Acq: 06 Jan 2022 14:38

Tgt Ion:101 Resp: 356
 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: 0.901 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU046685.D

Acq: 06 Jan 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

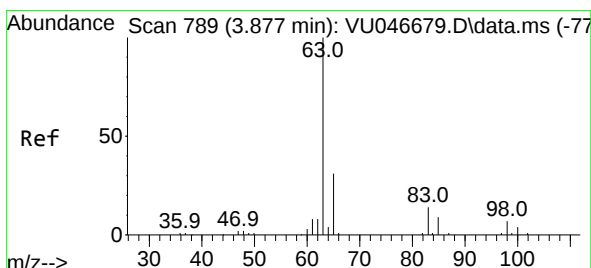
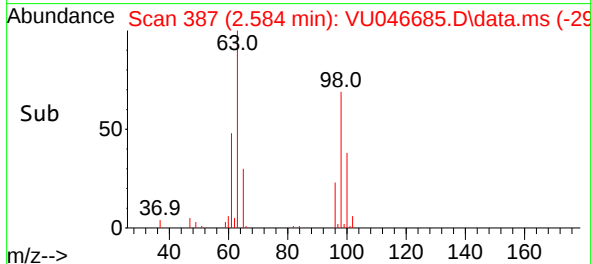
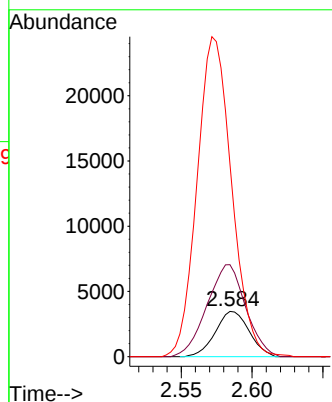
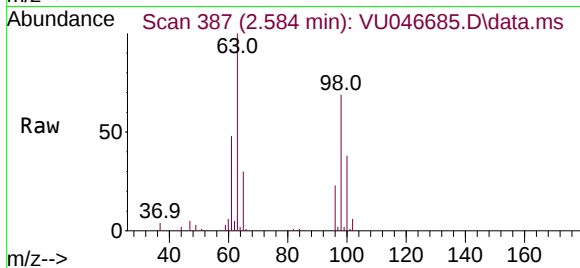
Tgt Ion: 96 Resp: 5761

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# 786

Delta R.T. -0.010 min

Lab File: VU046685.D

Acq: 06 Jan 2022 14:38

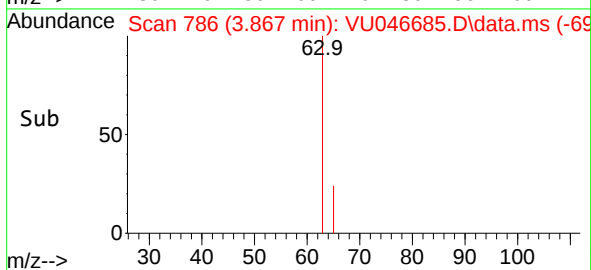
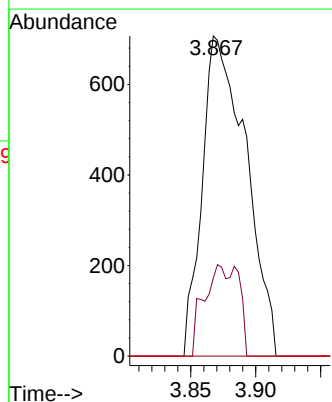
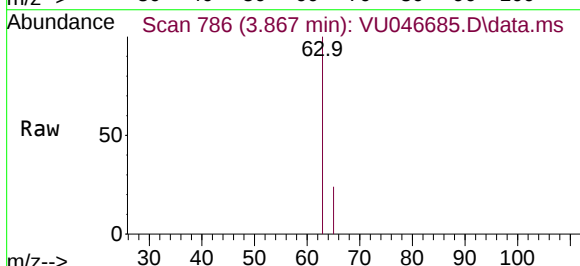
Tgt Ion: 63 Resp: 1651

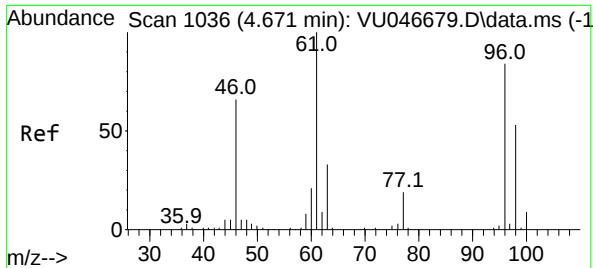
Ion Ratio Lower Upper

63 100

65 24.3 22.3 41.5

83 0.0 9.6 17.8#

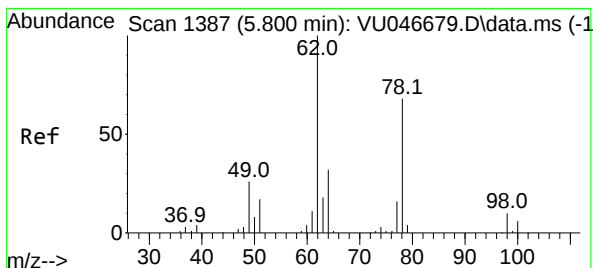
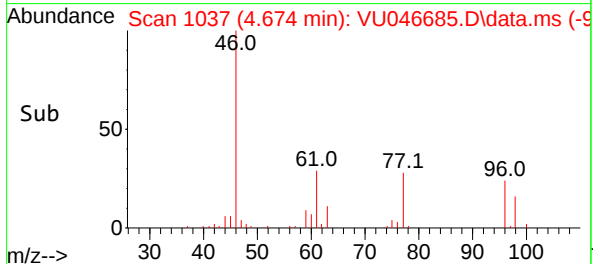
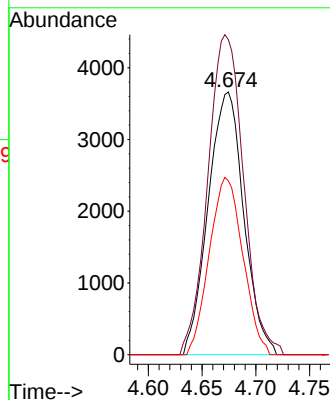
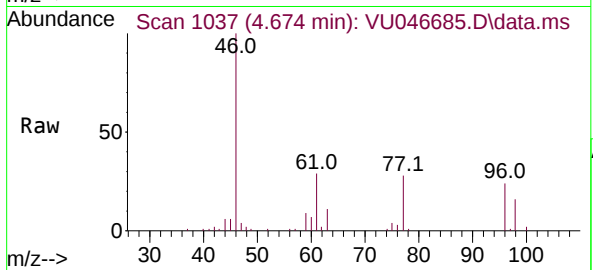




#22
 cis-1,2-Dichloroethene
 Concen: 1.132 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VU046685.D
 Acq: 06 Jan 2022 14:38

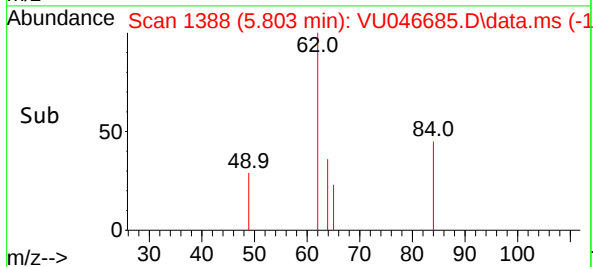
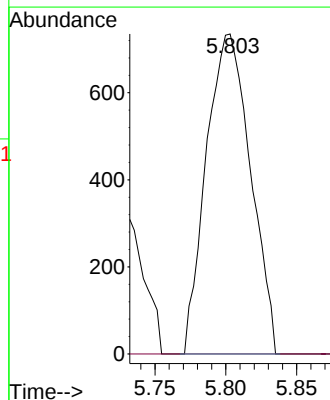
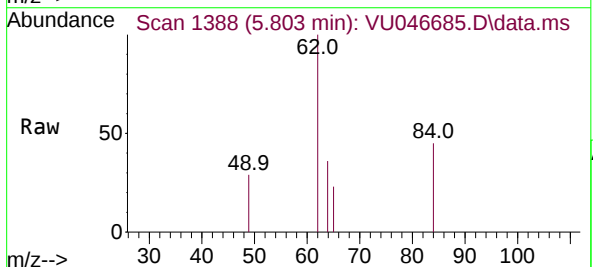
Instrument :
 MSVOA_U
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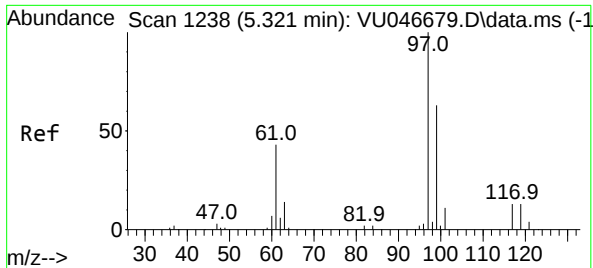
Tgt Ion: 96 Resp: 8442
 Ion Ratio Lower Upper
 96 100
 61 119.9 88.5 164.3
 98 66.2 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.165 ug/L
 RT: 5.803 min Scan# 1388
 Delta R.T. 0.003 min
 Lab File: VU046685.D
 Acq: 06 Jan 2022 14:38

Tgt Ion: 62 Resp: 1598
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#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 :

MSVOA_U

ClientSampleId :

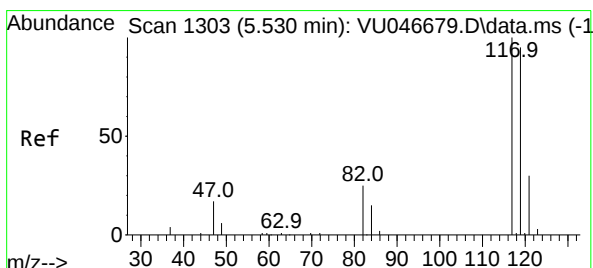
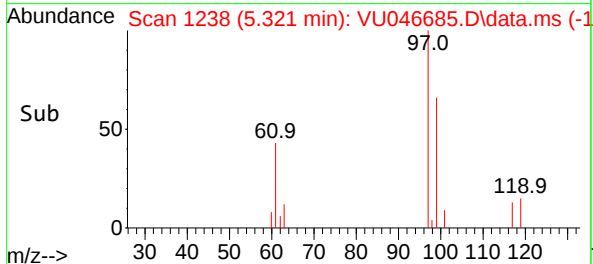
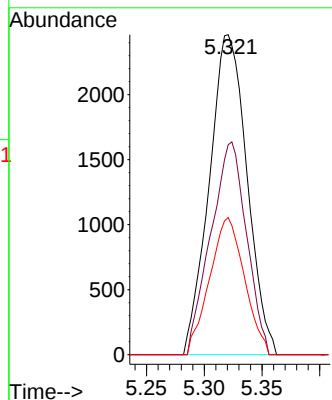
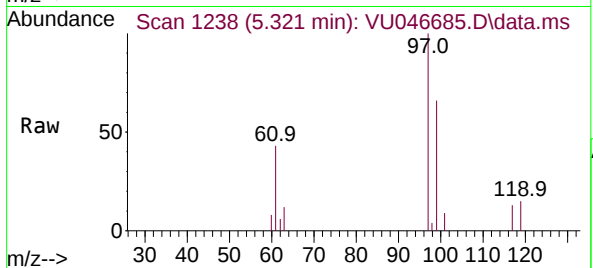
Tgt Ion: 97 Resp: 5585

Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 39.6 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.061 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.206 min

Lab File: VU046685.D

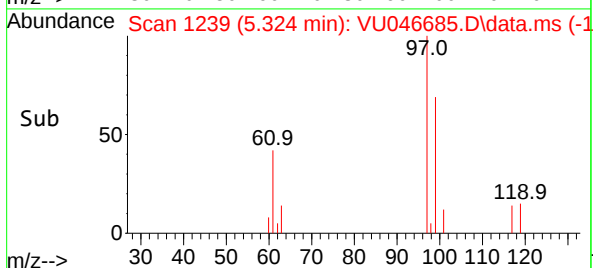
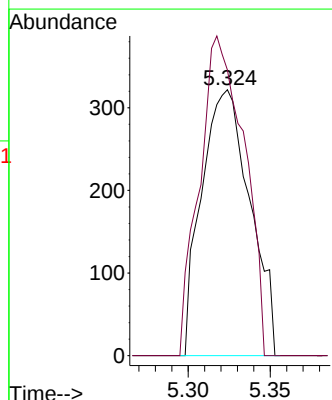
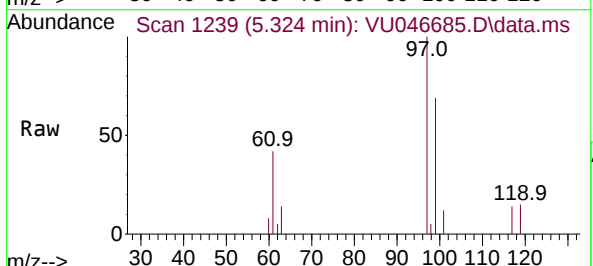
Acq: 06 Jan 2022 14:38

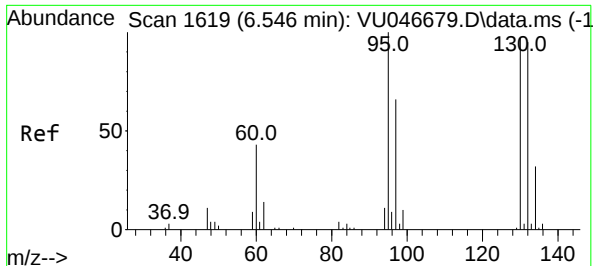
Tgt Ion: 117 Resp: 660

Ion Ratio Lower Upper

117 100

119 110.8 77.5 116.3

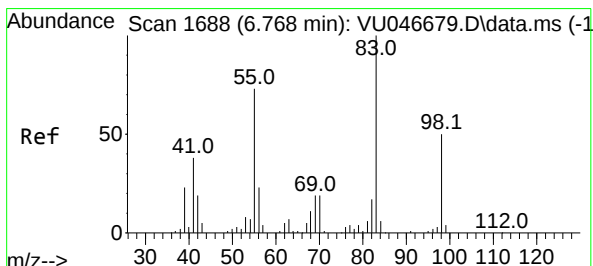
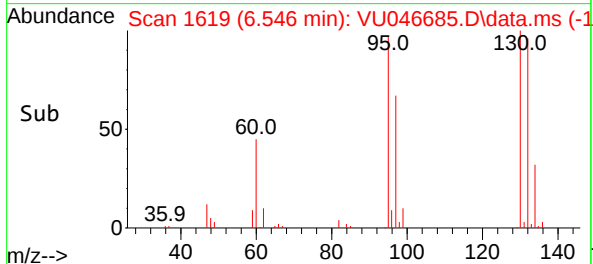
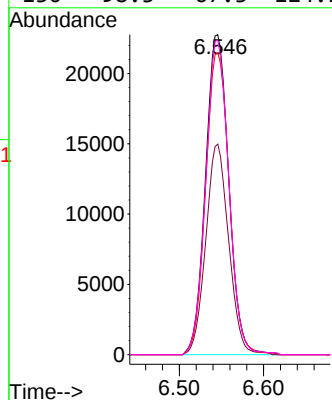
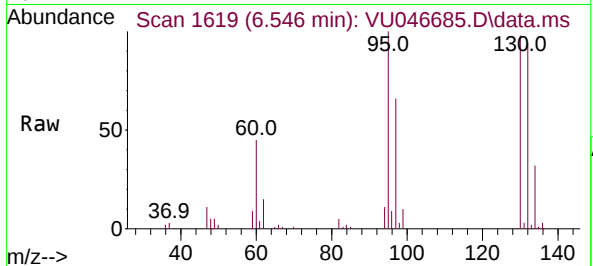




#34
Trichloroethene
Concen: 5.331 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046685.D
Acq: 06 Jan 2022 14:38

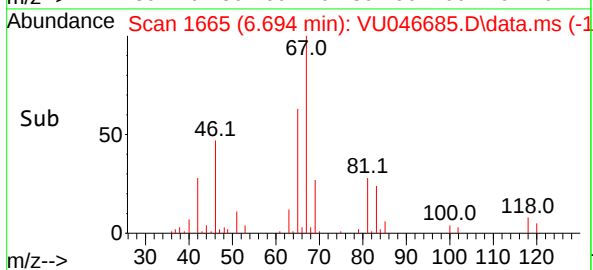
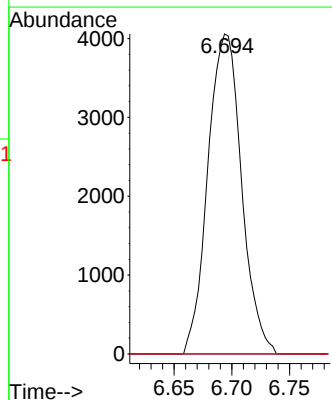
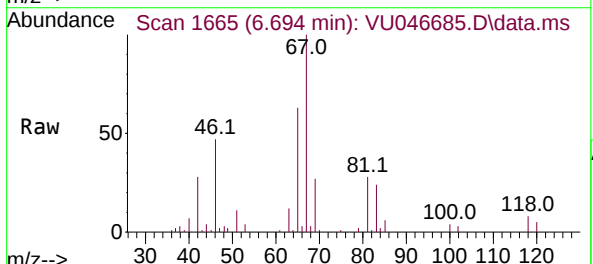
Instrument :
MSVOA_U
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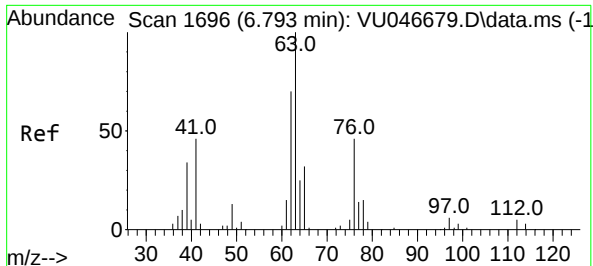
Tgt Ion: 95 Resp: 43802
Ion Ratio Lower Upper
95 100
97 65.8 46.5 86.5
132 94.4 65.1 120.9
130 98.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046685.D
Acq: 06 Jan 2022 14:38

Tgt Ion: 83 Resp: 8231
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: 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

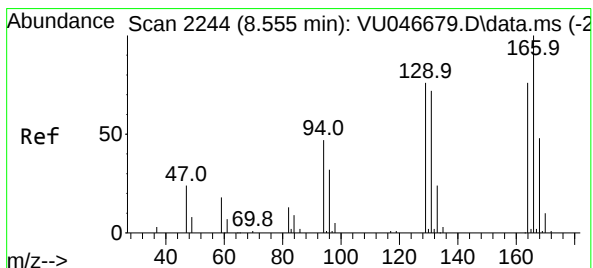
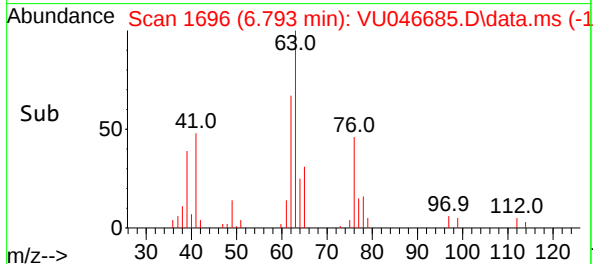
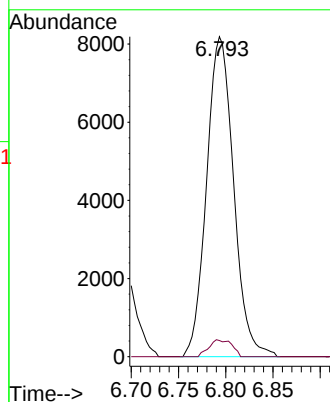
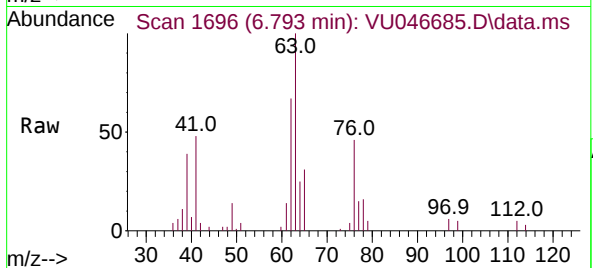
ClientSampleId :

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

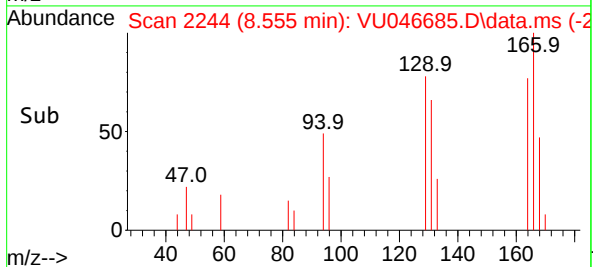
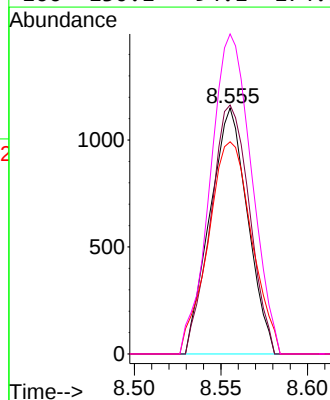
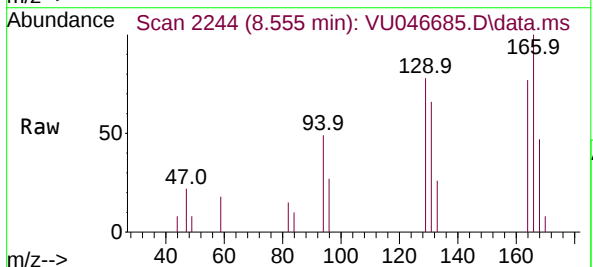
Ion Ratio Lower Upper

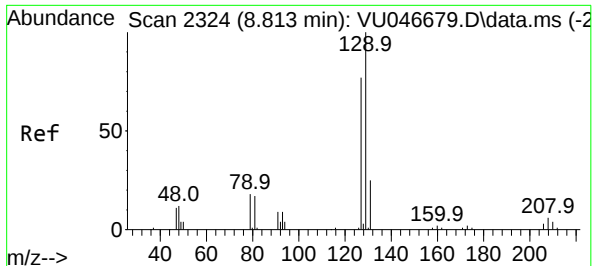
164 100

129 101.2 71.8 133.4

131 86.3 68.5 127.3

166 130.1 94.1 174.8





#49

Dibromochloromethane

Concen: 0.229 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046685.D

Acq: 06 Jan 2022 14:38

Instrument :

MSVOA_U

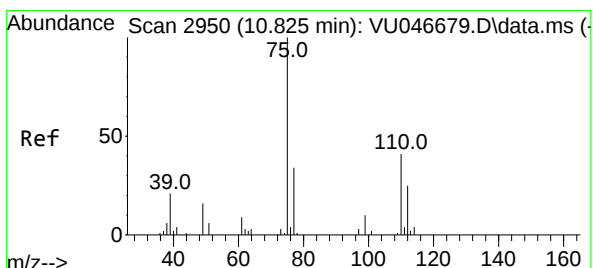
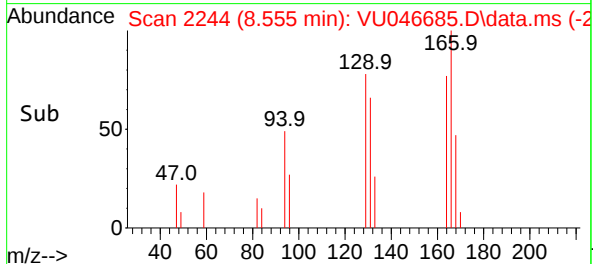
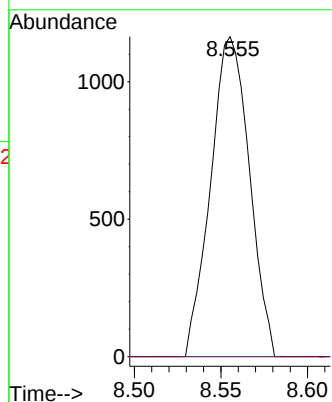
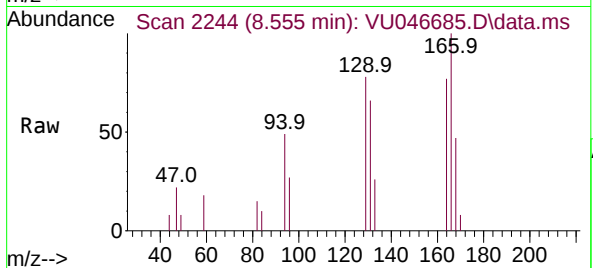
ClientSampleId :

Tgt Ion:129 Resp: 1811

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 0.692 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046685.D

Acq: 06 Jan 2022 14:38

Tgt Ion: 75 Resp: 4441

Ion Ratio Lower Upper

75 100

110 0.4 29.9 44.9#

77 31.0 25.5 38.3

