

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 :

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)

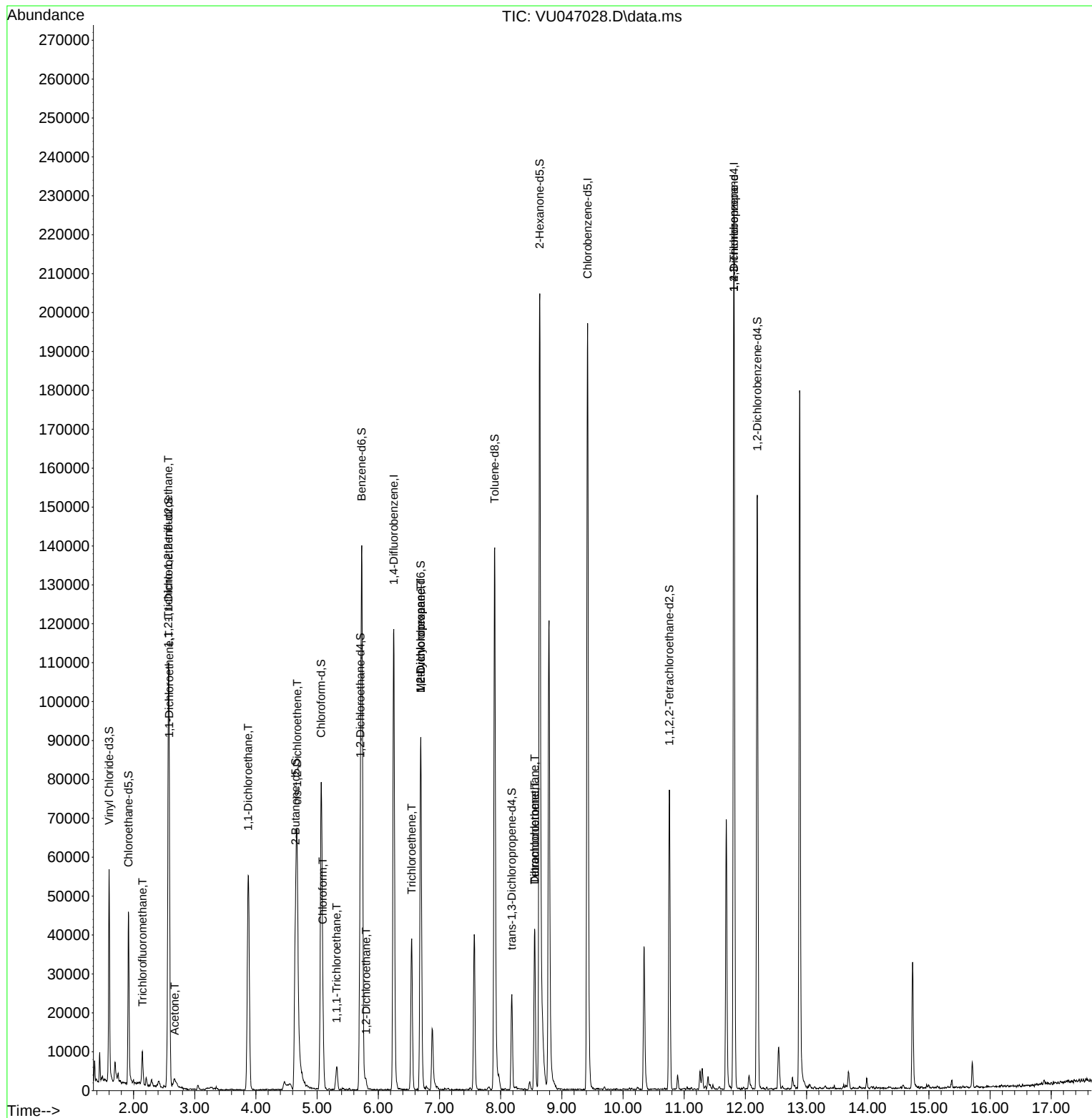
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97950	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40280	4.853	ug/L	0.00
Spiked Amount	5.000	Range	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
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	443	0.077	ug/L #	21
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
35) Methylcyclohexane	6.694	83	10780	0.884	ug/L #	26
37) 1,2-Dichloropropane	6.694	63	4451	0.647	ug/L #	88
47) Tetrachloroethene	8.555	164	9804	1.656	ug/L	93
49) Dibromochloromethane	8.555	129	9276	1.344	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7728	1.535	ug/L #	67

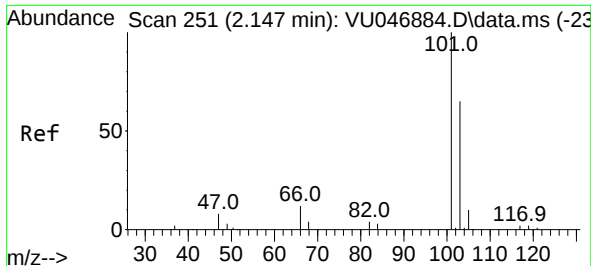
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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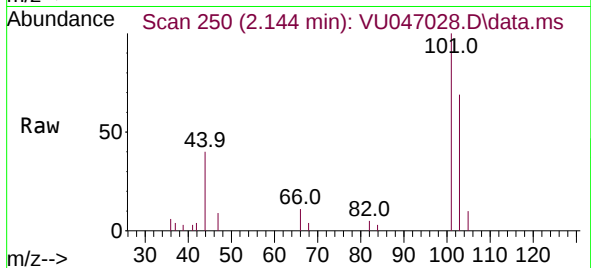
Quant Time: Feb 04 05:49:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
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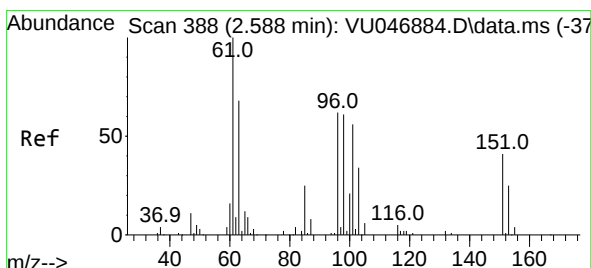
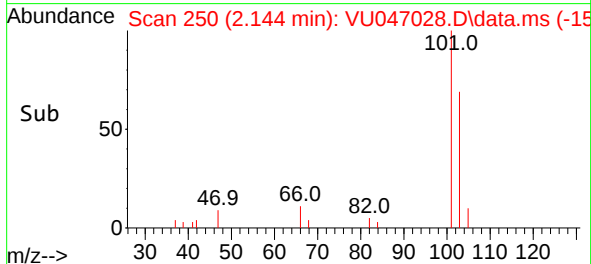
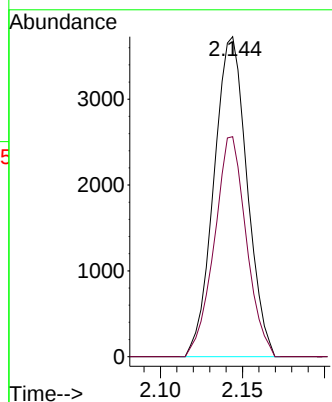


#9
 Trichlorofluoromethane
 Concen: 0.543 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

Instrument :
 MSVOA_U
 ClientSampleId :

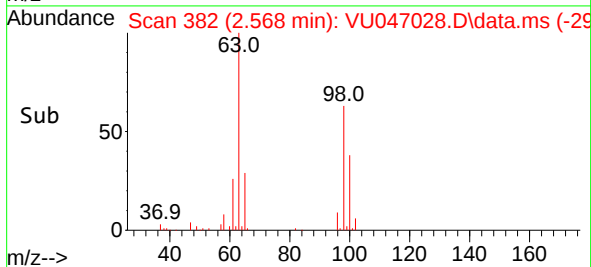
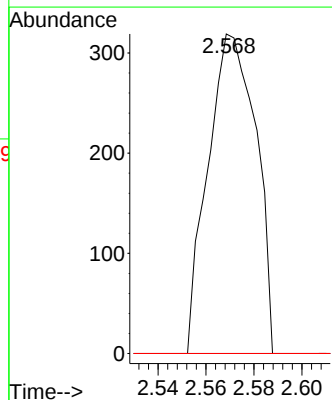
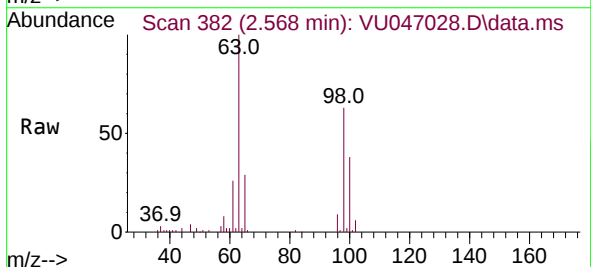


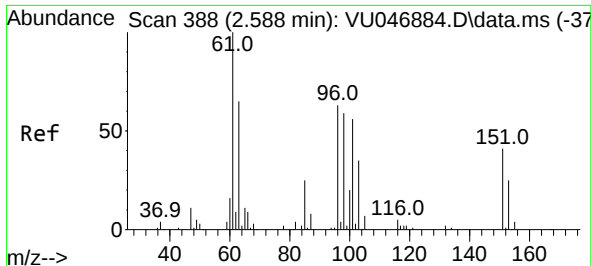
Tgt Ion:101 Resp: 5227
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.077 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.022 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

Tgt Ion:101 Resp: 443
 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: 2.453 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU047028.D

Acq: 03 Feb 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :

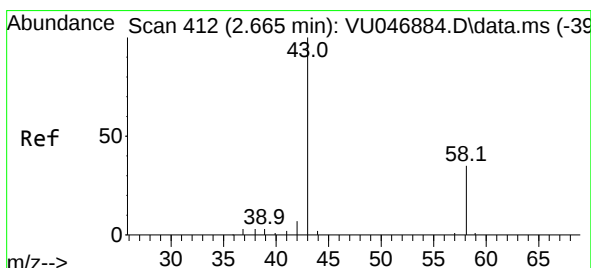
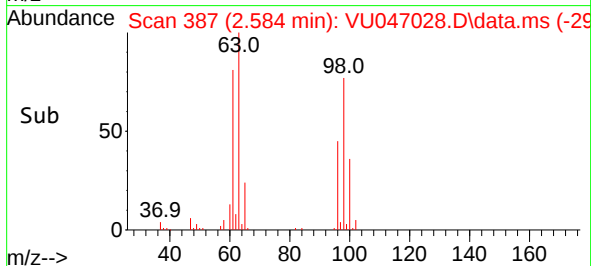
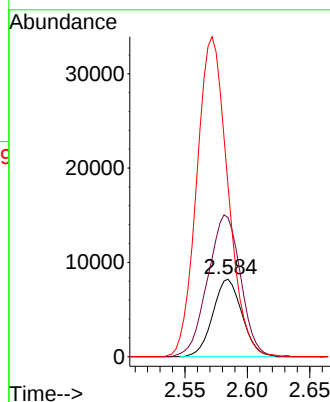
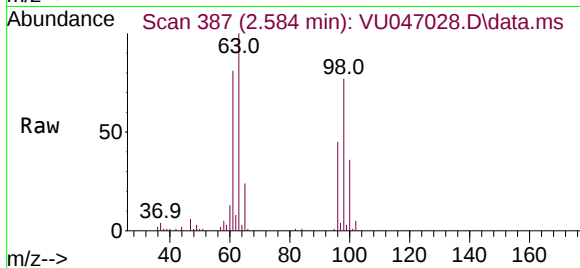
Tgt Ion: 96 Resp: 13414

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

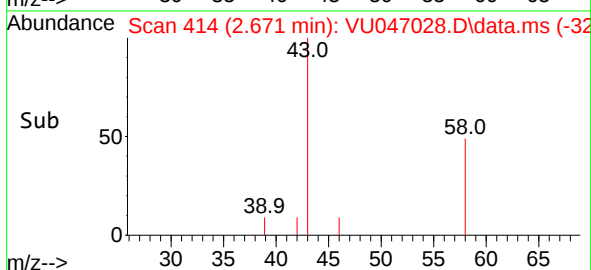
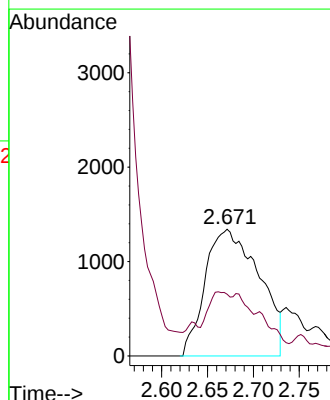
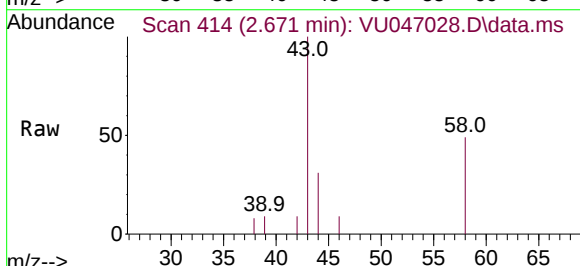
Acq: 03 Feb 2022 17:50

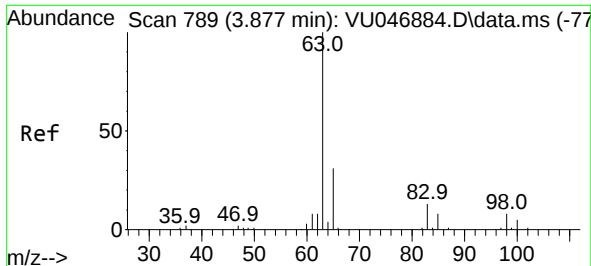
Tgt Ion: 43 Resp: 5496

Ion Ratio 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# 789

Delta R.T. -0.003 min

Lab File: VU047028.D

Acq: 03 Feb 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :

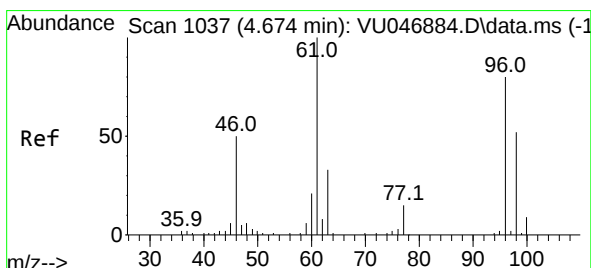
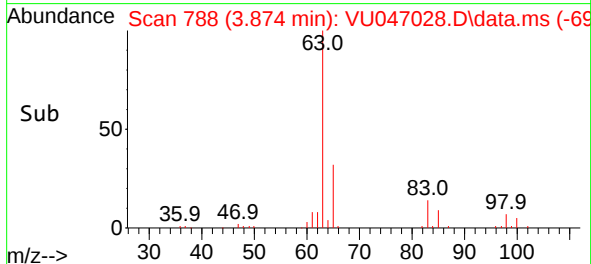
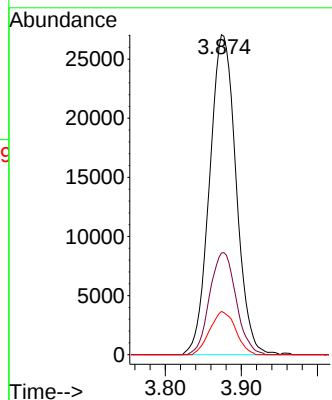
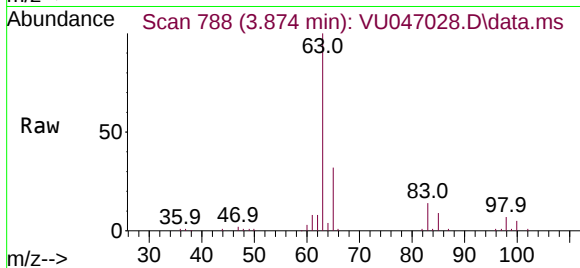
Tgt Ion: 63 Resp: 65339

Ion Ratio 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

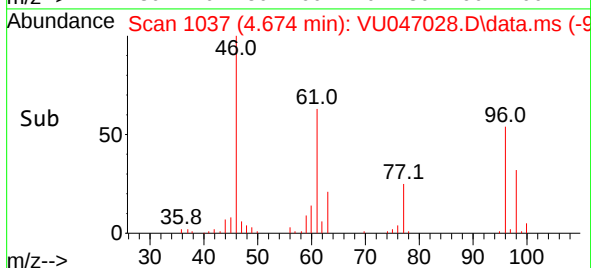
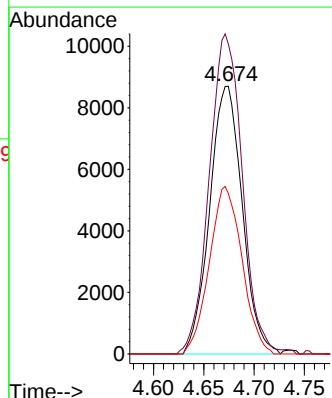
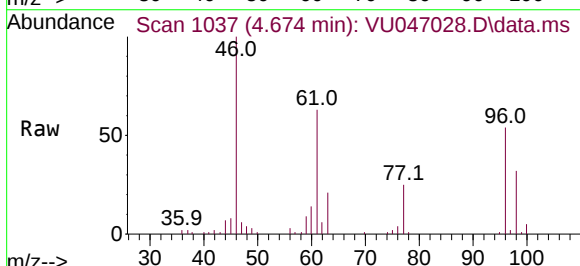
Tgt Ion: 96 Resp: 19601

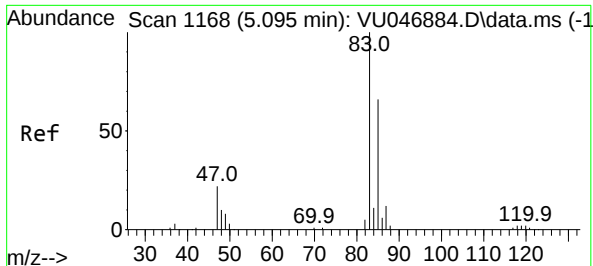
Ion Ratio Lower Upper

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# 1168

Delta R.T. -0.003 min

Lab File: VU047028.D

Acq: 03 Feb 2022 17:50

Instrument :

MSVOA_U

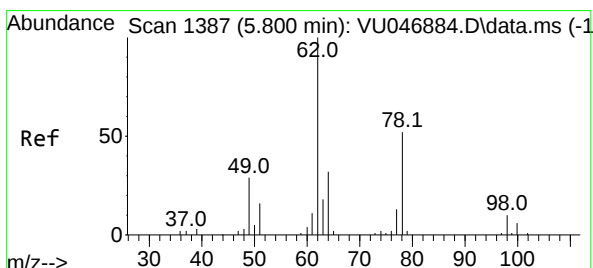
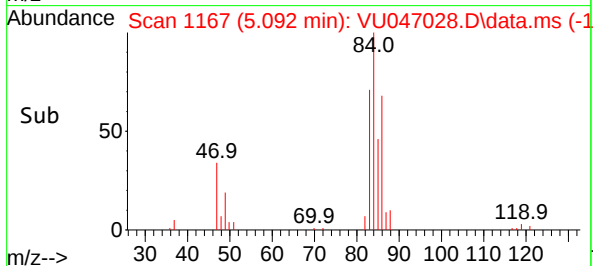
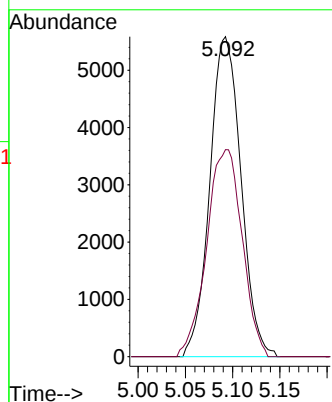
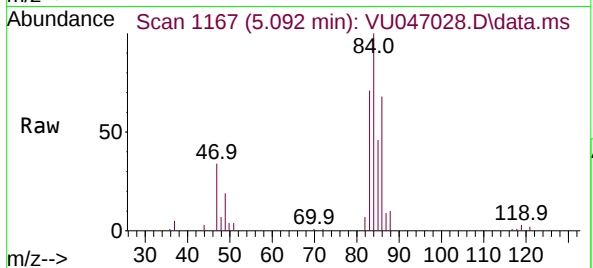
ClientSampleId :

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# 1387

Delta R.T. -0.000 min

Lab File: VU047028.D

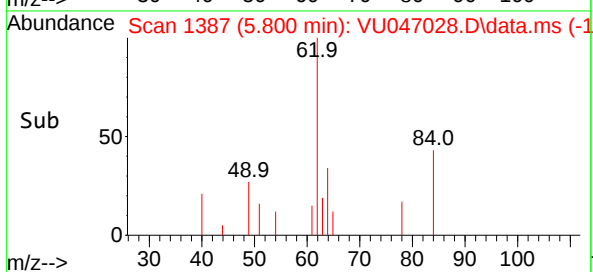
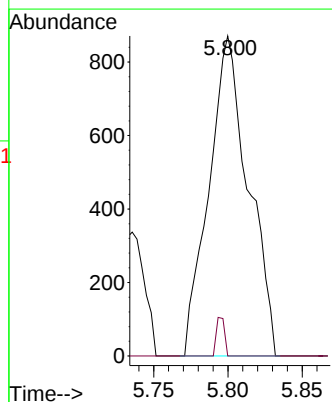
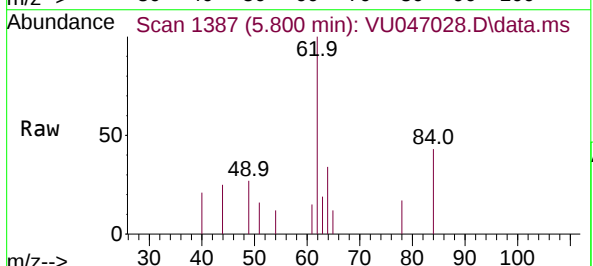
Acq: 03 Feb 2022 17:50

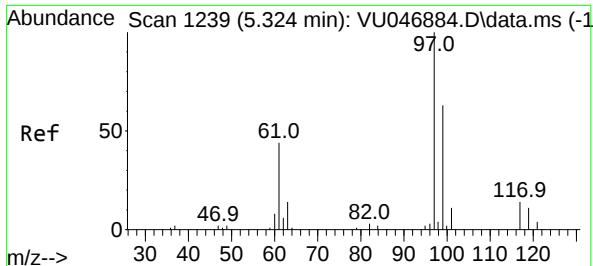
Tgt Ion: 62 Resp: 1609

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# 11

Delta R.T. -0.003 min

Lab File: VU047028.D

Acq: 03 Feb 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :

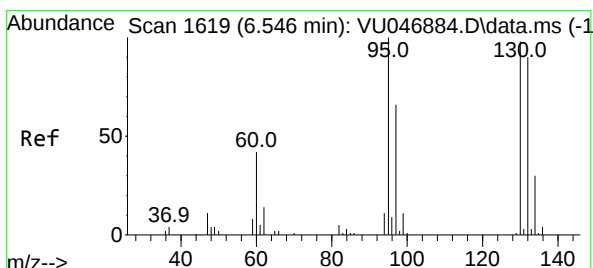
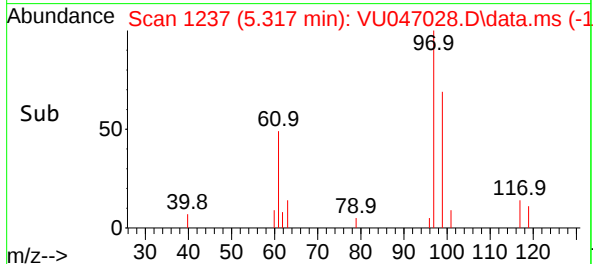
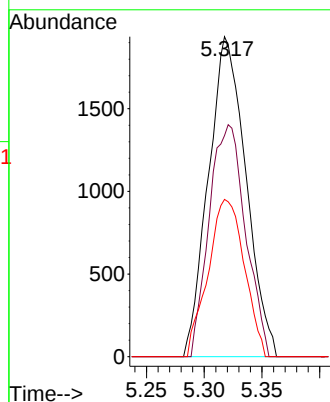
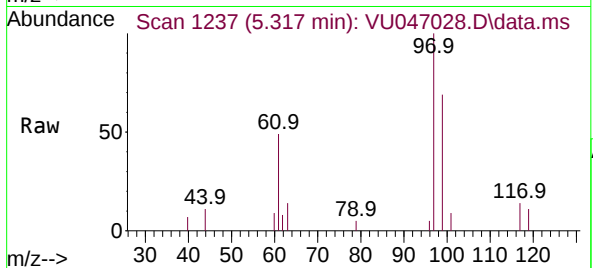
Tgt Ion: 97 Resp: 4369

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

Tgt Ion: 95 Resp: 13222

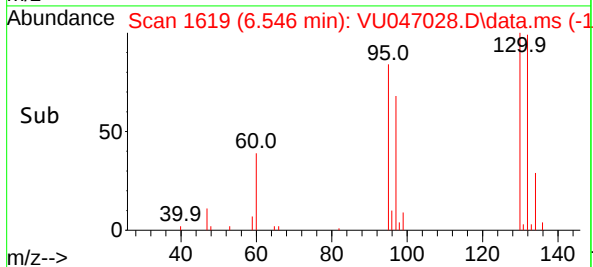
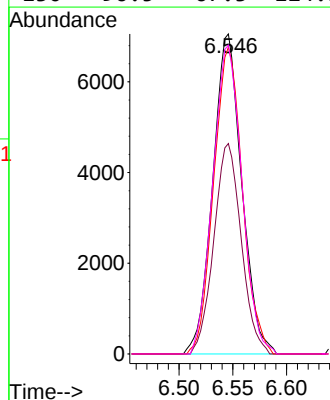
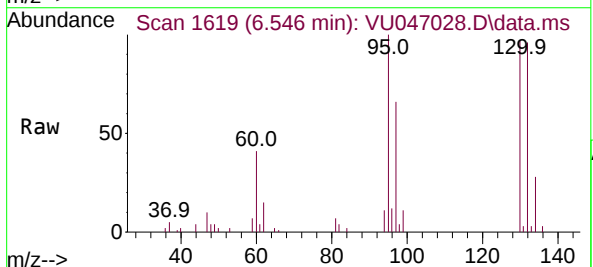
Ion Ratio Lower Upper

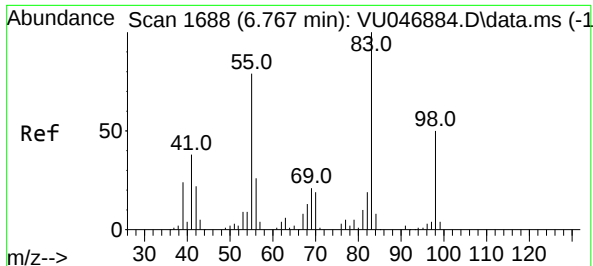
95 100

97 65.7 46.5 86.5

132 95.9 65.1 120.9

130 96.5 67.3 124.9

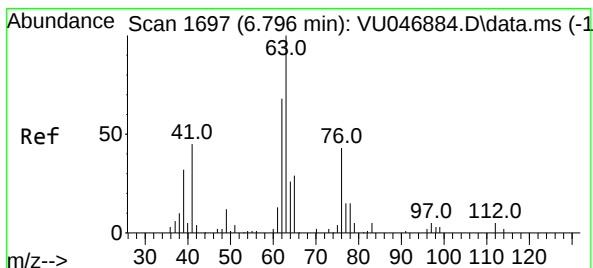
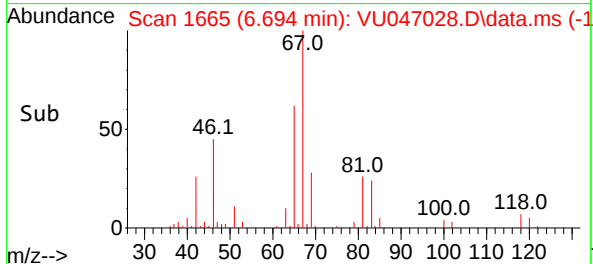
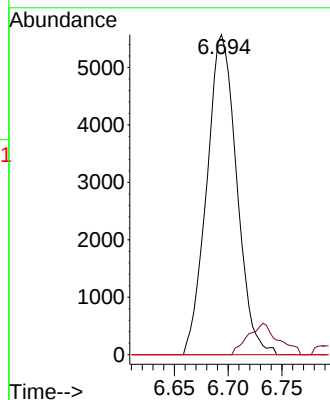
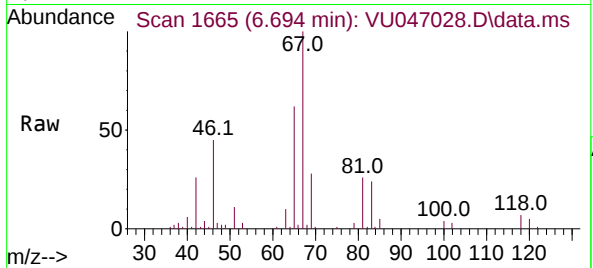




#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047028.D
Acq: 03 Feb 2022 17:50

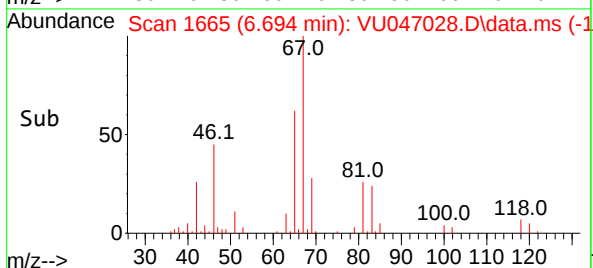
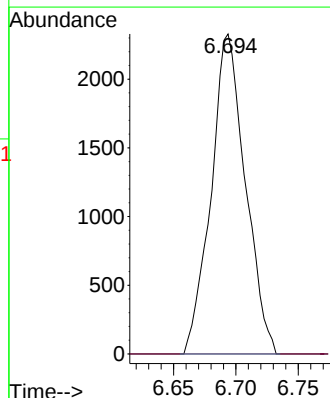
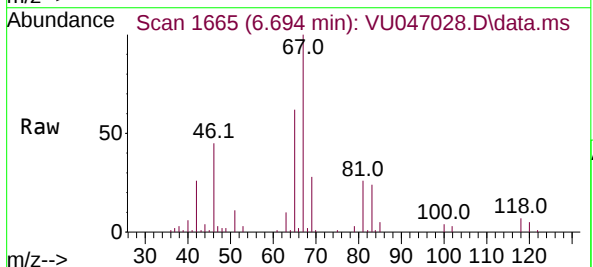
Instrument :
MSVOA_U
ClientSampleId :

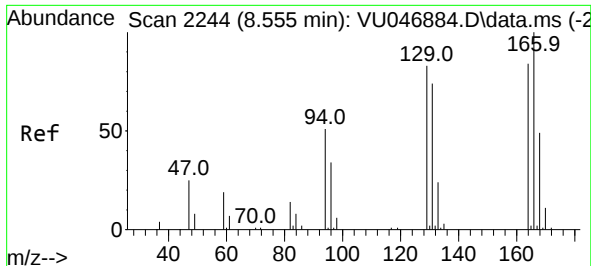
Tgt Ion: 83 Resp: 10780
Ion Ratio Lower Upper
83 100
55 9.8 61.9 92.9#
98 2.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047028.D
Acq: 03 Feb 2022 17:50

Tgt Ion: 63 Resp: 4451
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 1.656 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

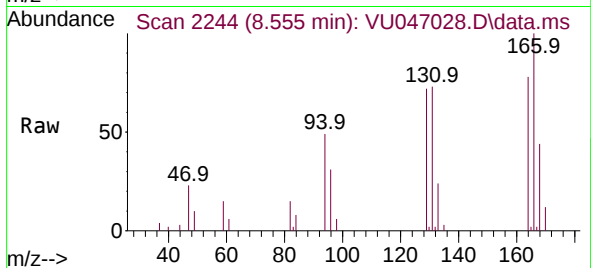
Lab File: VU047028.D

Acq: 03 Feb 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 9804

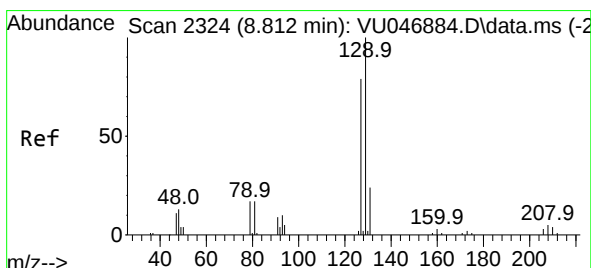
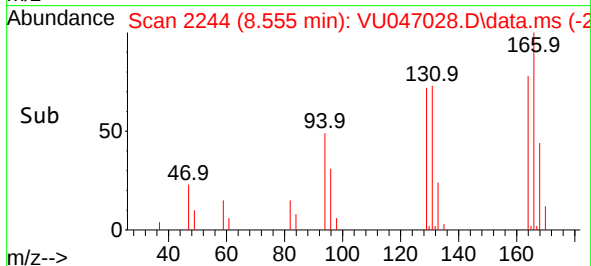
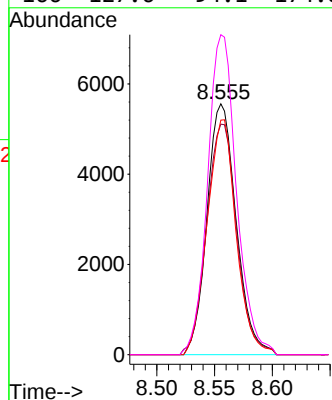
Ion Ratio Lower Upper

164 100

129 91.9 71.8 133.4

131 93.5 68.5 127.3

166 127.6 94.1 174.8



#49

Dibromochloromethane

Concen: 1.344 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047028.D

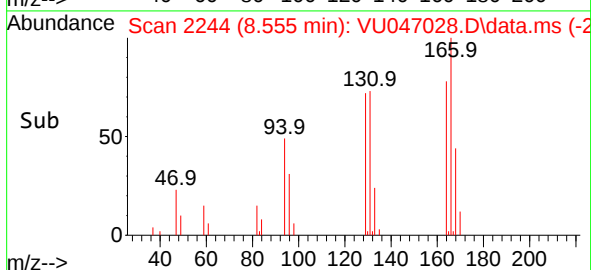
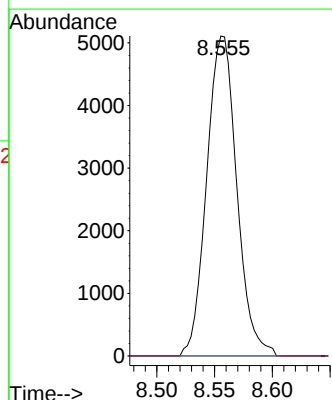
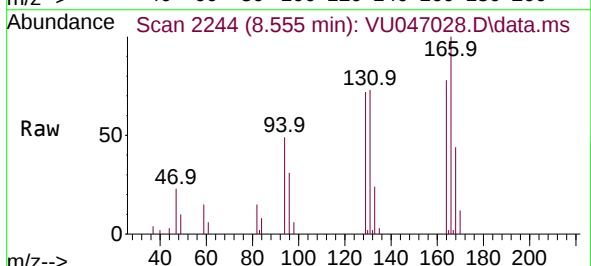
Acq: 03 Feb 2022 17:50

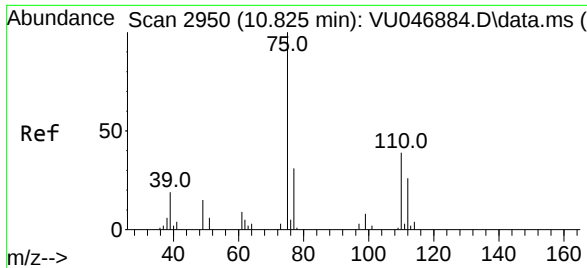
Tgt Ion:129 Resp: 9276

Ion Ratio Lower Upper

129 100

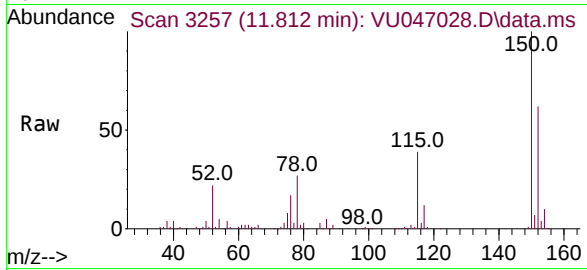
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.535 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047028.D
 Acq: 03 Feb 2022 17:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7728
 Ion Ratio Lower Upper
 75 100
 110 1.8 29.9 44.9#
 77 32.7 25.5 38.3

