

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047019.D
 Acq On : 03 Feb 2022 14:13
 Operator : SY/MD
 Sample : N1328-10DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:46:51 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)

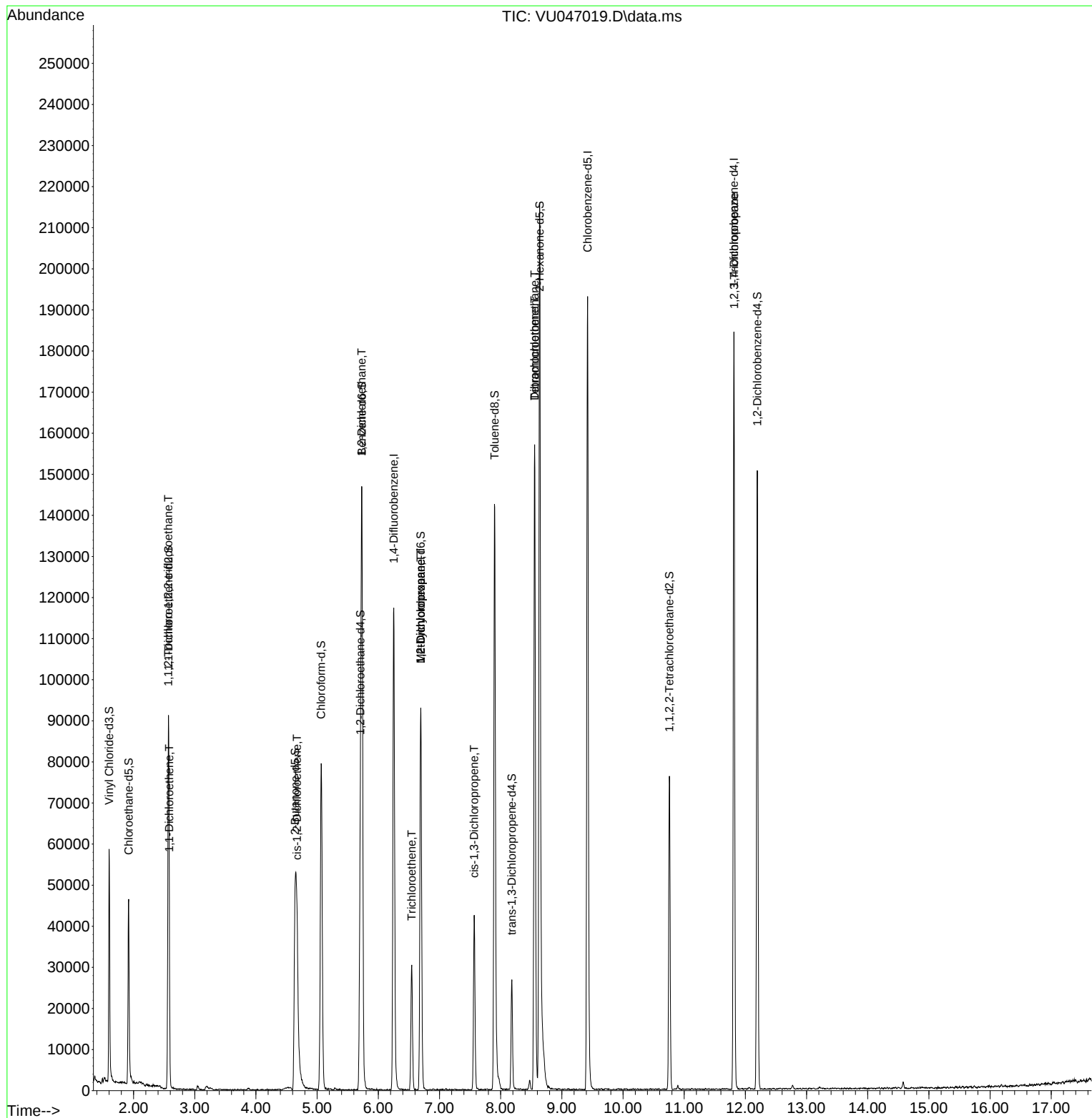
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98274	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42424	5.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.919	69	35573	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.572	65	16973	5.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	4.642	46	101319	41.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.140%
24) Chloroform-d	5.067	84	74489	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.707	65	39292	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	138725	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.694	67	45146	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.899	98	104626	3.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	8.182	79	15706	3.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.636	63	77895	29.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38805	3.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	39291	4.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	508	0.088	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	810	0.148	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	9721	1.550	ug/L	97
27) 1,2-Dichloroethane	5.726	62	727	0.104	ug/L #	73
34) Trichloroethene	6.546	95	10695	1.497	ug/L	94
35) Methylcyclohexane	6.694	83	10852	0.907	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4843	0.717	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1011	0.096	ug/L #	72
47) Tetrachloroethene	8.555	164	37280	6.415	ug/L	90
49) Dibromochloromethane	8.555	129	35640	5.260	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6048	1.467	ug/L #	67

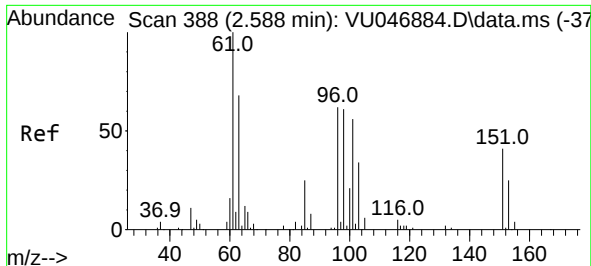
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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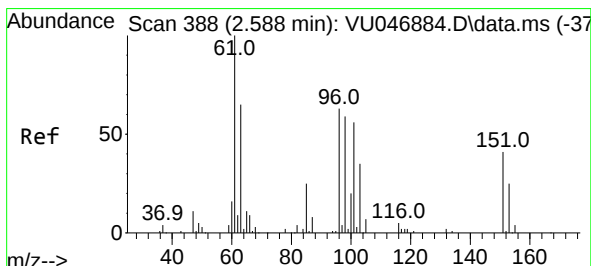
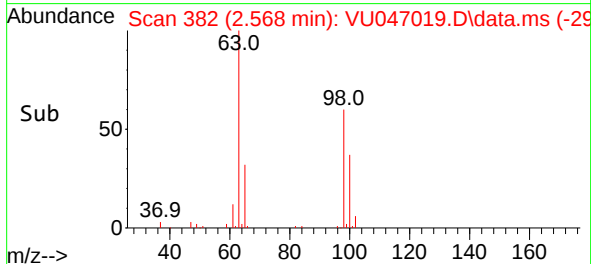
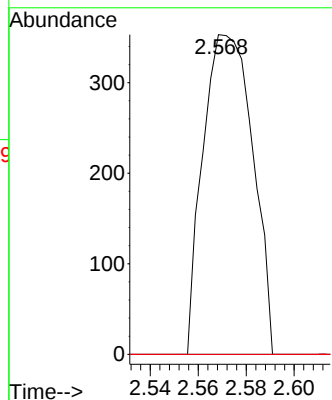
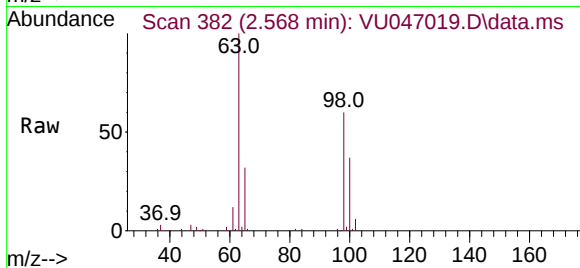




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.088 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: VU047019.D
 Acq: 03 Feb 2022 14:13

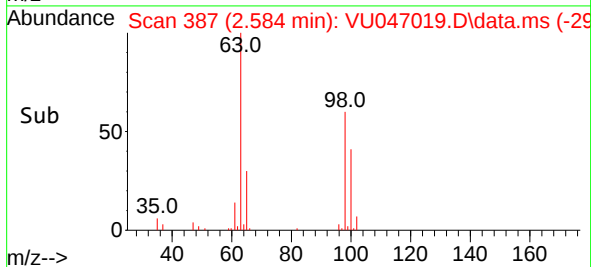
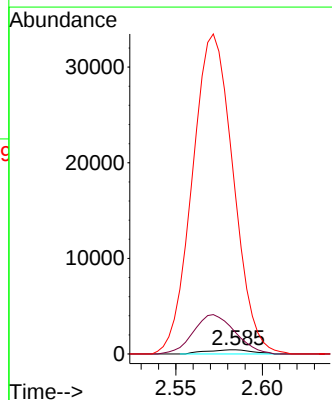
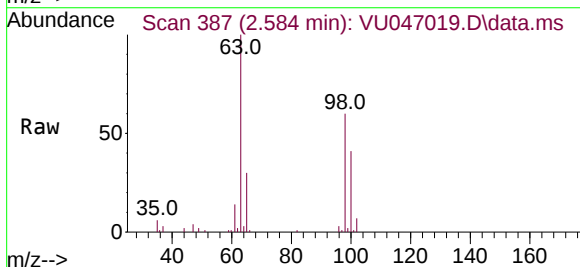
Instrument :
 MSVOA_U
 ClientSampleId :

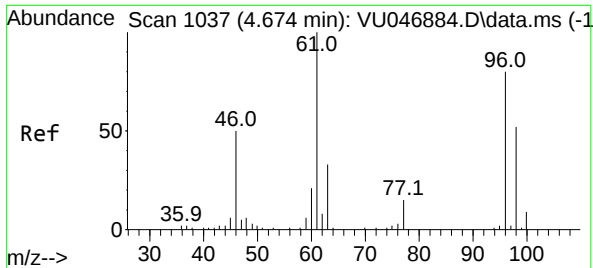
Tgt Ion:101 Resp: 508
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.148 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047019.D
 Acq: 03 Feb 2022 14:13

Tgt Ion: 96 Resp: 810
 Ion Ratio Lower Upper
 96 100
 61 516.3 124.7 231.5#
 63 3805.1 105.2 195.4#





#22

cis-1,2-Dichloroethene

Concen: 1.550 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047019.D

Acq: 03 Feb 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

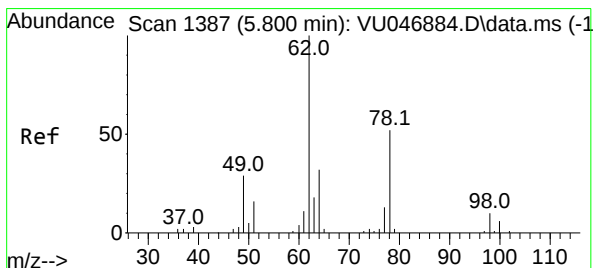
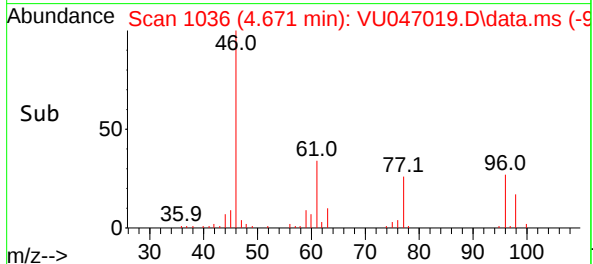
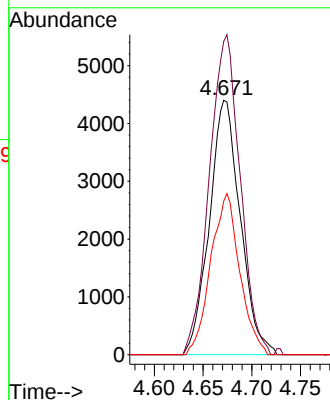
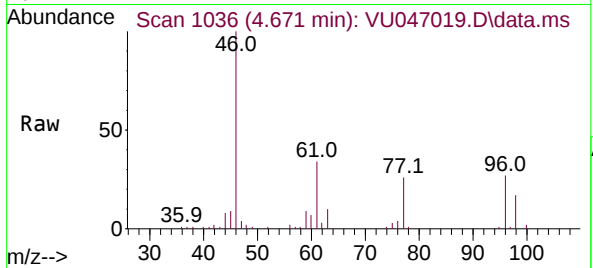
Tgt Ion: 96 Resp: 9721

Ion Ratio Lower Upper

96 100

61 123.2 88.5 164.3

98 60.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.074 min

Lab File: VU047019.D

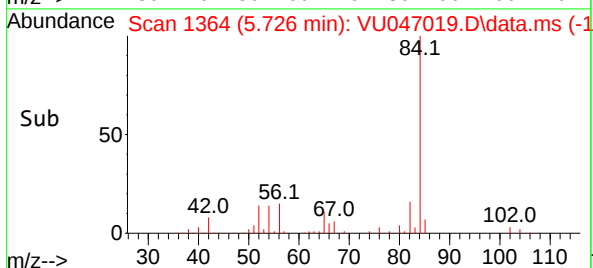
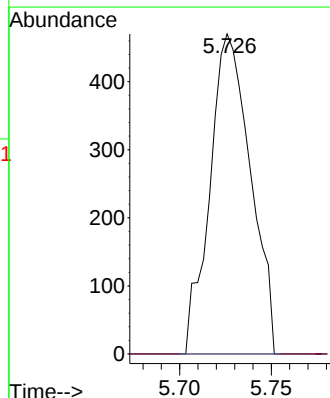
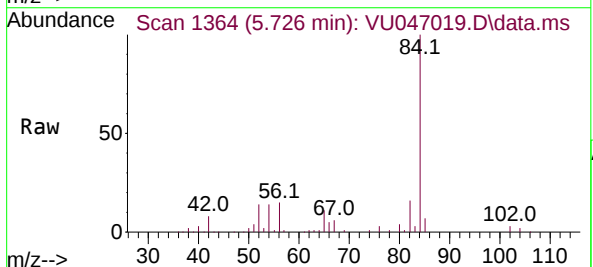
Acq: 03 Feb 2022 14:13

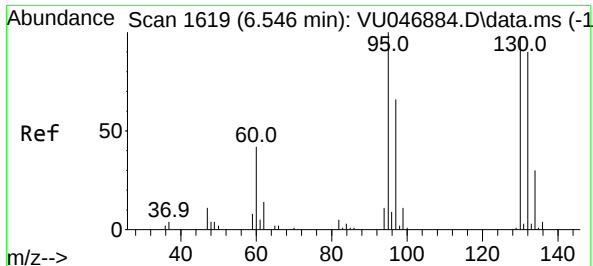
Tgt Ion: 62 Resp: 727

Ion Ratio Lower Upper

62 100

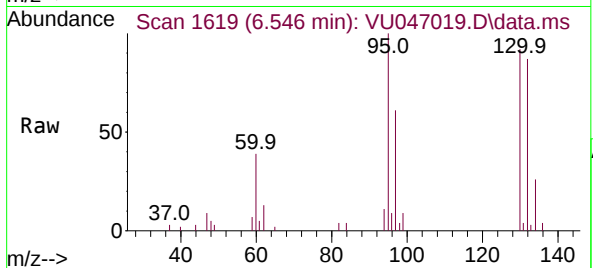
98 0.0 7.8 11.8#





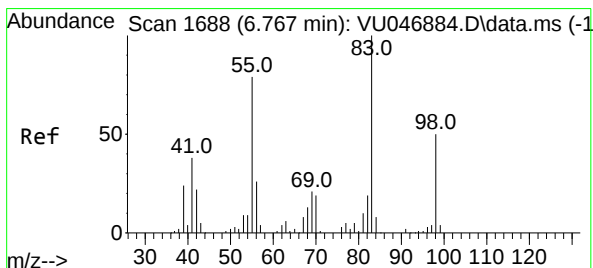
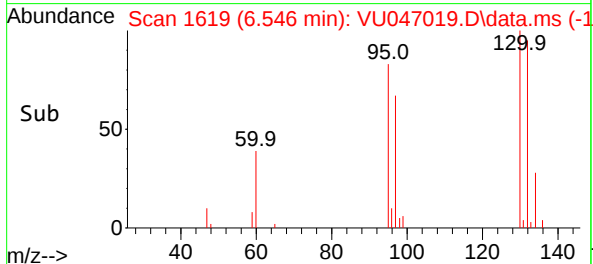
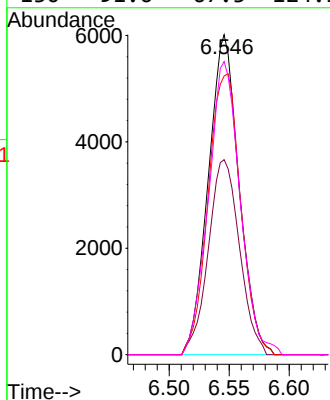
#34
Trichloroethene
Concen: 1.497 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VU047019.D
Acq: 03 Feb 2022 14:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 10695

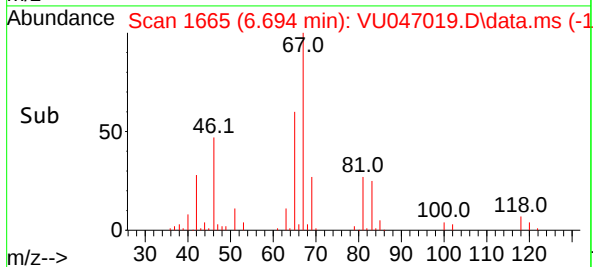
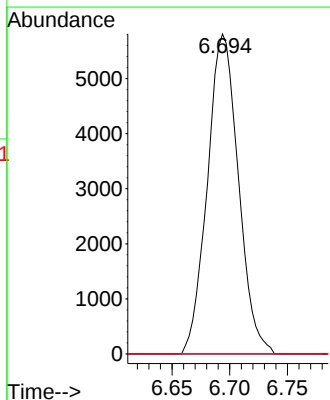
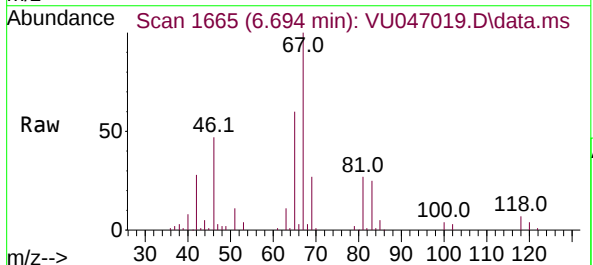
Ion	Ratio	Lower	Upper
95	100		
97	60.9	46.5	86.5
132	87.1	65.1	120.9
130	91.6	67.3	124.9

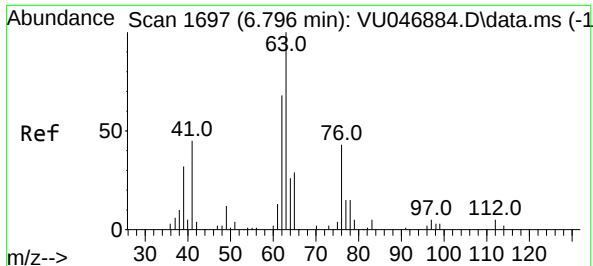


#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047019.D
Acq: 03 Feb 2022 14:13

Tgt Ion: 83 Resp: 10852

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	3.1	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.717 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047019.D

Acq: 03 Feb 2022 14:13

Instrument :

MSVOA_U

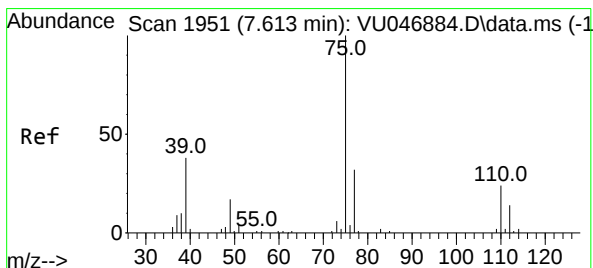
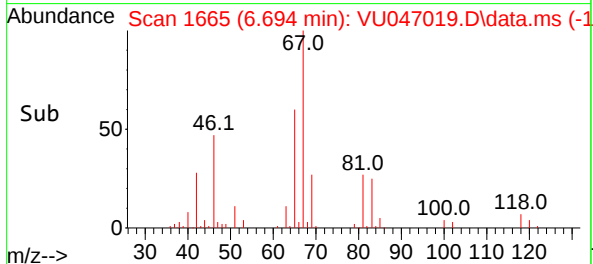
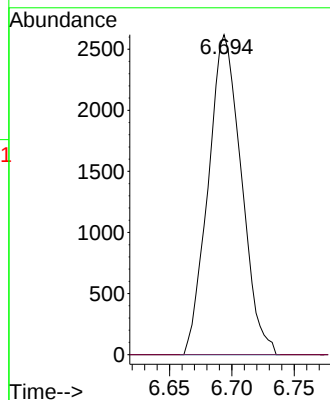
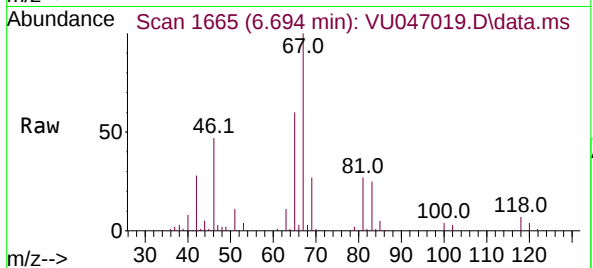
ClientSampleId :

Tgt Ion: 63 Resp: 4843

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047019.D

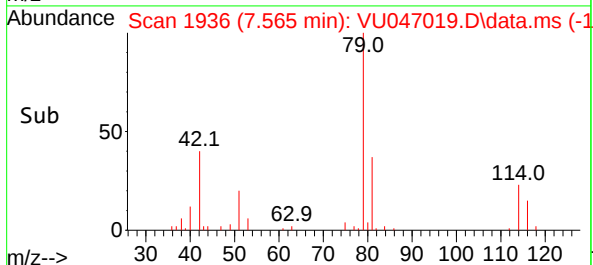
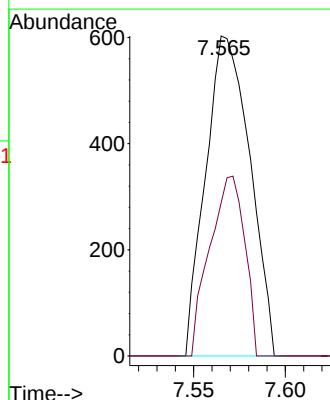
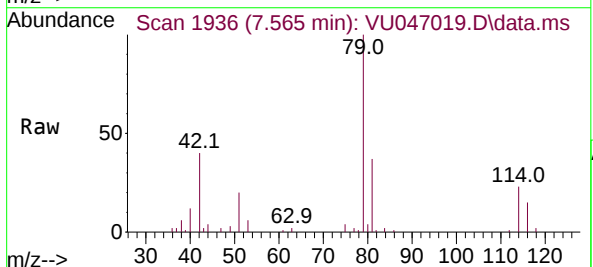
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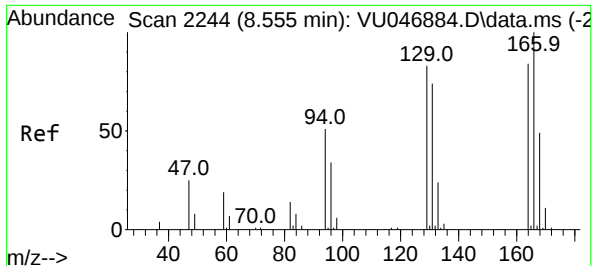
Tgt Ion: 75 Resp: 1011

Ion Ratio Lower Upper

75 100

77 47.9 22.5 41.9#





#47

Tetrachloroethene

Concen: 6.415 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

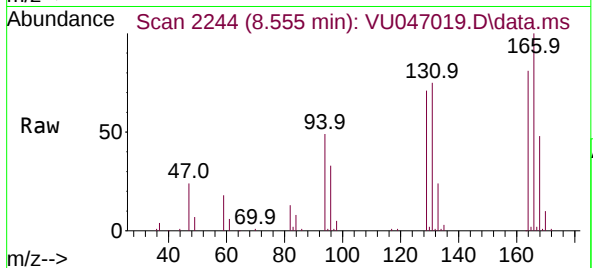
Lab File: VU047019.D

Acq: 03 Feb 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 37280

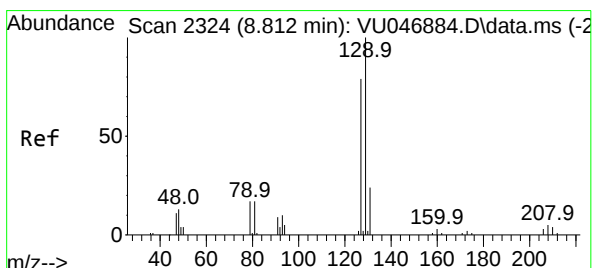
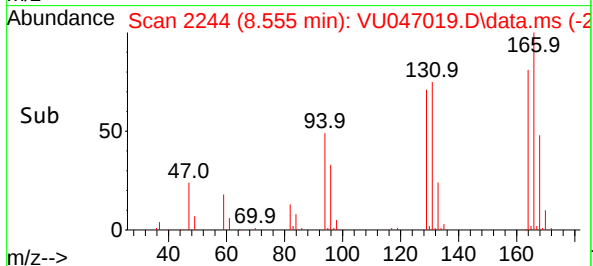
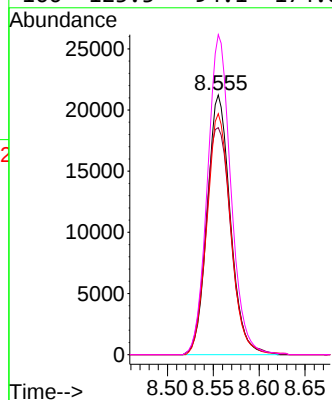
Ion Ratio Lower Upper

164 100

129 87.4 71.8 133.4

131 92.8 68.5 127.3

166 123.3 94.1 174.8



#49

Dibromochloromethane

Concen: 5.260 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047019.D

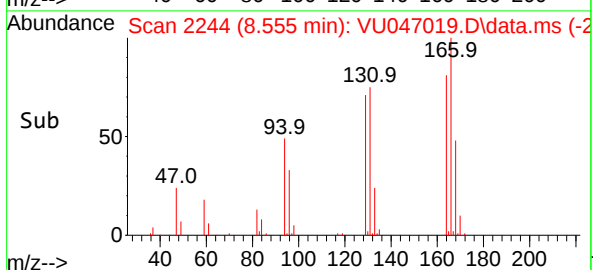
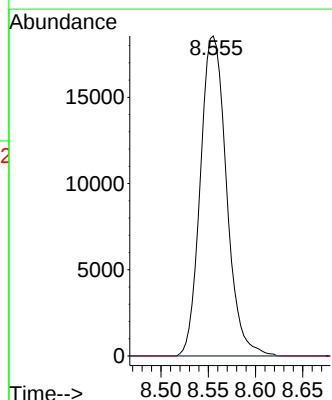
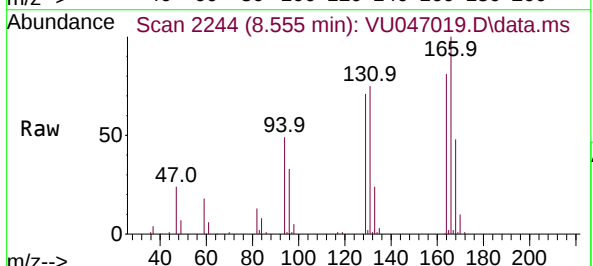
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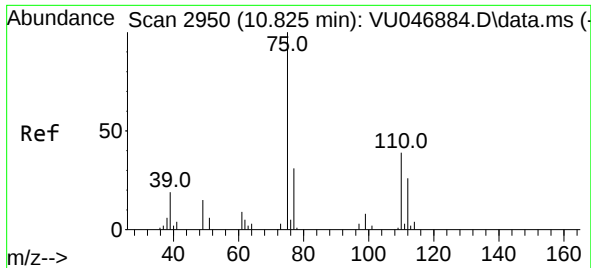
Tgt Ion:129 Resp: 35640

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.467 ug/L

RT: 11.816 min Scan# 31

Delta R.T. 0.990 min

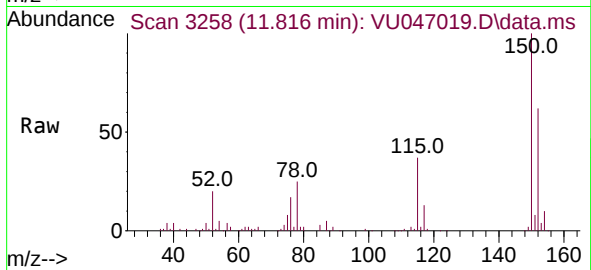
Lab File: VU047019.D

Acq: 03 Feb 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 6048

Ion Ratio Lower Upper

75 100

110 1.6 29.9 44.9#

77 31.6 25.5 38.3

