

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047021.D
 Acq On : 03 Feb 2022 15:01
 Operator : SY/MD
 Sample : N1328-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:47:20 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)

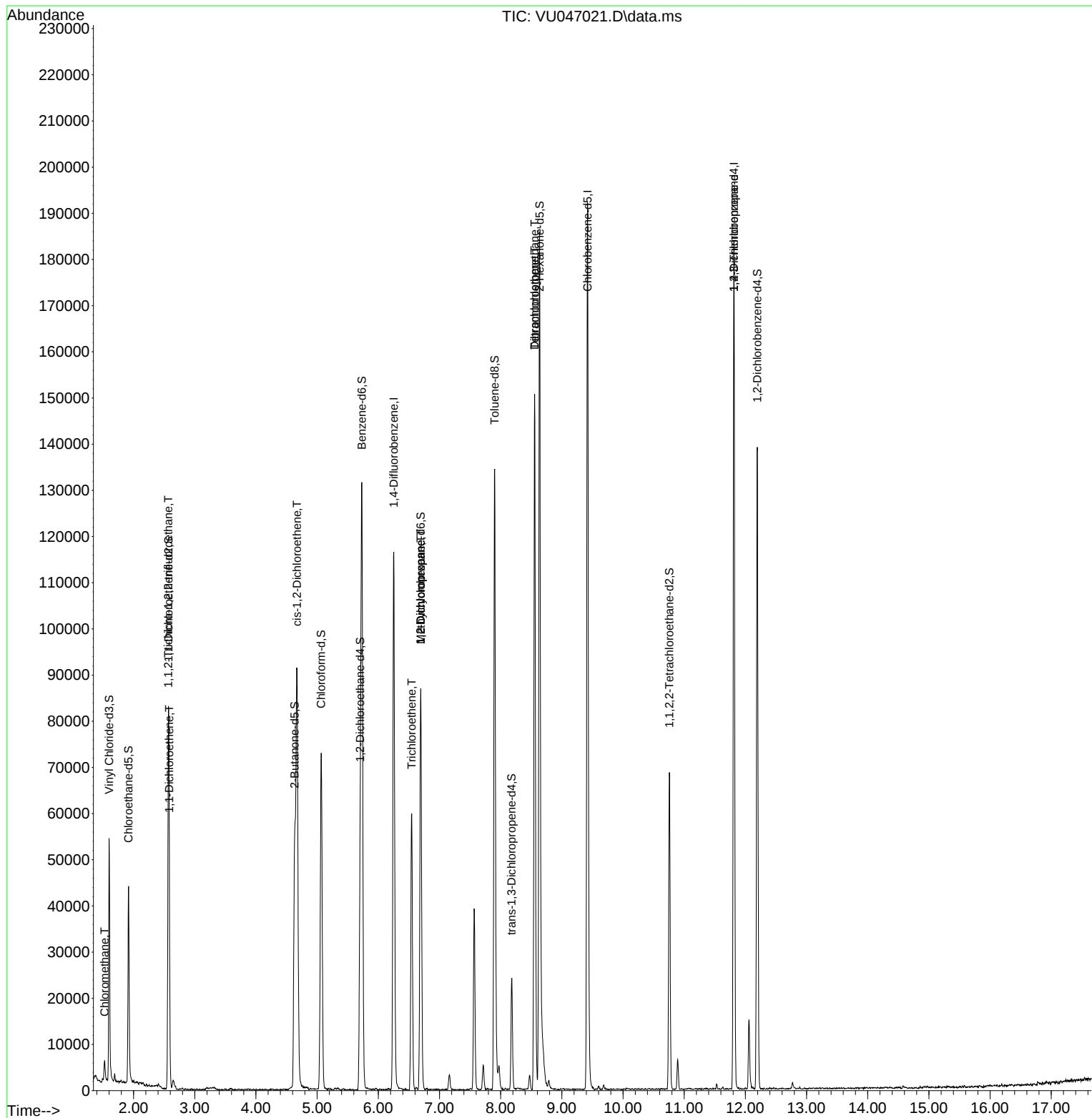
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97856	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38772	4.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.916	69	33521	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.572	65	14989	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.633	46	84689	34.476	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.960%
24) Chloroform-d	5.067	84	68703	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.703	65	35612	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.732	84	126846	3.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.694	67	42369	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.903	98	97203	3.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.800%#
43) trans-1,3-Dichloroprop...	8.179	79	14327	3.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.200%
46) 2-Hexanone-d5	8.636	63	63083	23.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	47.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35318	3.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	37782	4.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	3390	0.447	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	363	0.063	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	3162	0.579	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	42703	6.840	ug/L	100
34) Trichloroethene	6.546	95	20585	2.924	ug/L	98
35) Methylcyclohexane	6.694	83	9976	0.846	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	4416	0.664	ug/L #	88
47) Tetrachloroethene	8.555	164	34714	6.063	ug/L	92
49) Dibromochloromethane	8.555	129	33997	5.093	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6006	1.441	ug/L #	66

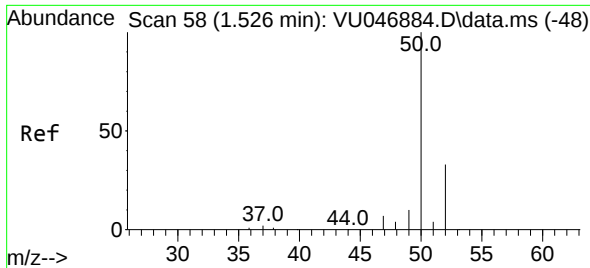
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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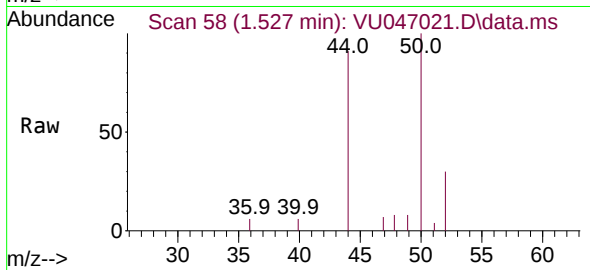
Quant Time: Feb 04 05:47:20 2022
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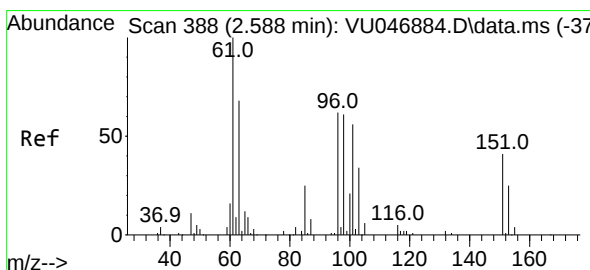
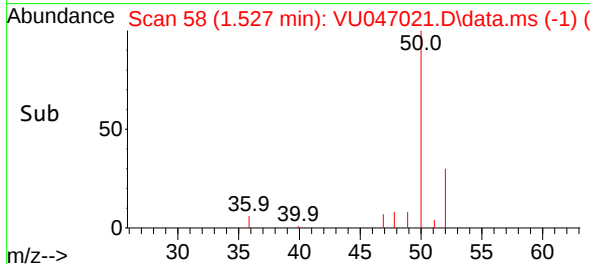
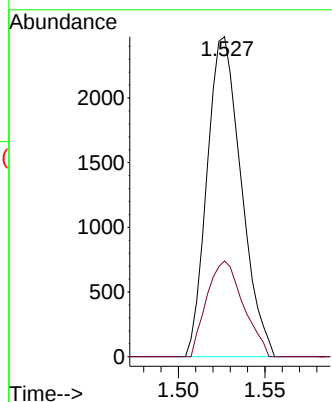


#3
 Chloromethane
 Concen: 0.447 ug/L
 RT: 1.527 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VU047021.D
 Acq: 03 Feb 2022 15:01

Instrument :
 MSVOA_U
 ClientSampleId :

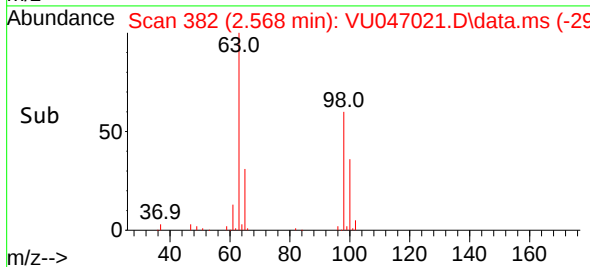
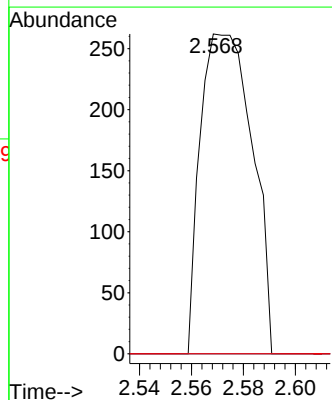
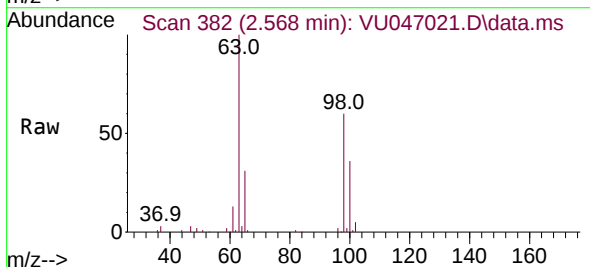


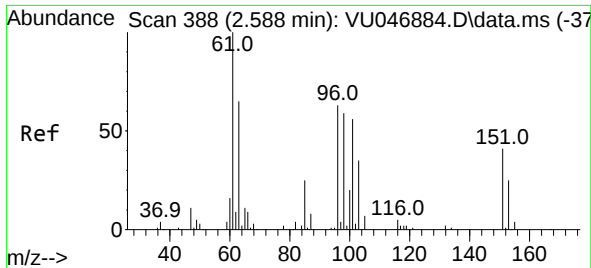
Tgt Ion: 50 Resp: 3390
 Ion Ratio Lower Upper
 50 100
 52 29.9 23.0 42.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.023 min
 Lab File: VU047021.D
 Acq: 03 Feb 2022 15:01

Tgt Ion: 101 Resp: 363
 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: 0.579 ug/L

RT: 2.584 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047021.D

Acq: 03 Feb 2022 15:01

Instrument :

MSVOA_U

ClientSampleId :

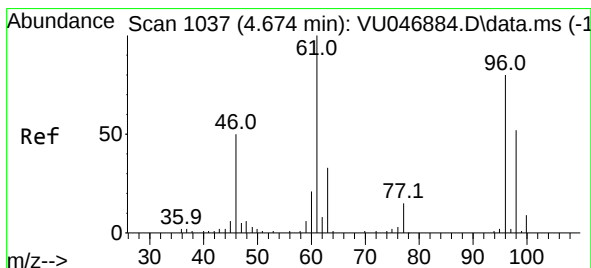
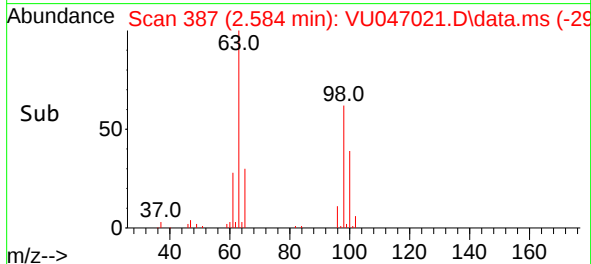
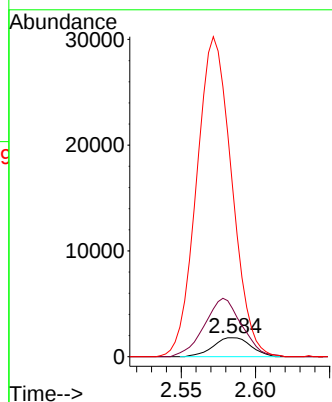
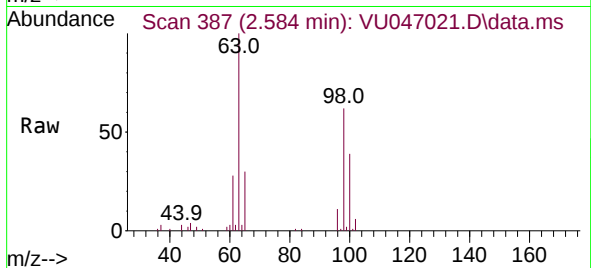
Tgt Ion: 96 Resp: 3162

Ion Ratio Lower Upper

96 100

61 255.3 124.7 231.5#

63 907.4 105.2 195.4#



#22

cis-1,2-Dichloroethene

Concen: 6.840 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047021.D

Acq: 03 Feb 2022 15:01

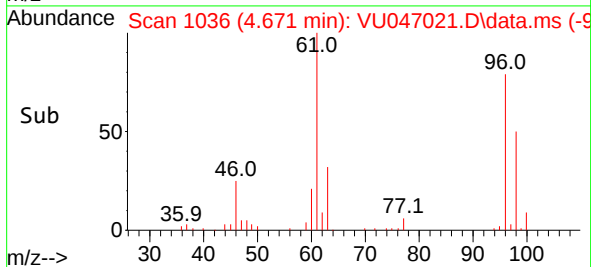
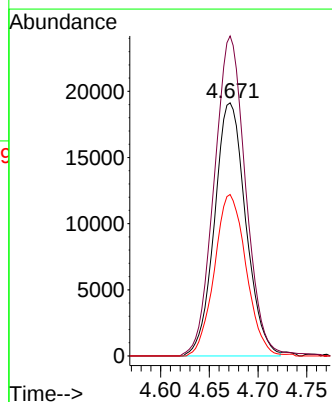
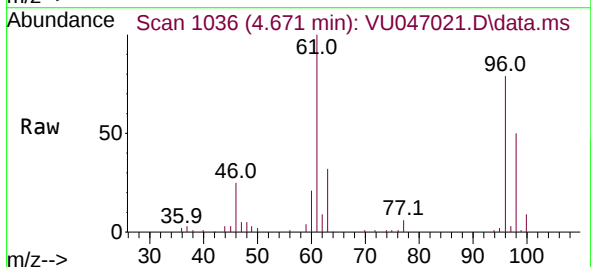
Tgt Ion: 96 Resp: 42703

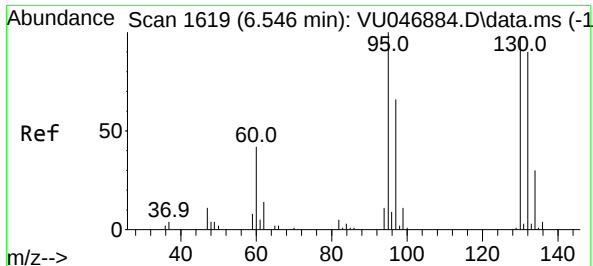
Ion Ratio Lower Upper

96 100

61 126.4 88.5 164.3

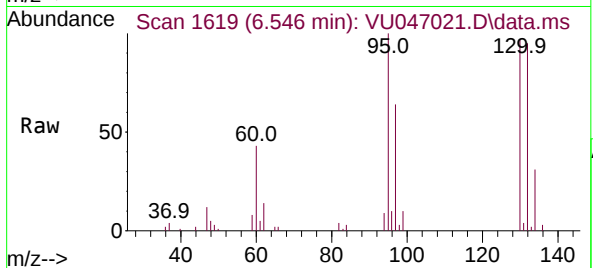
98 63.8 44.4 82.5





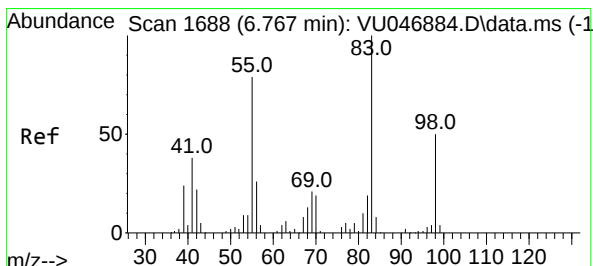
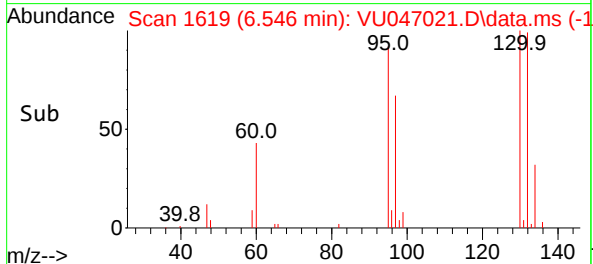
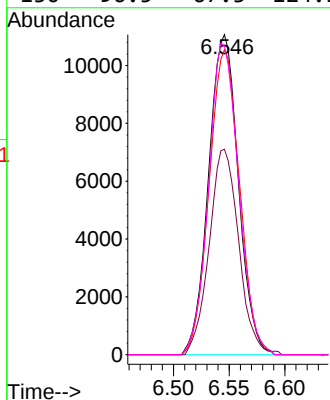
#34
Trichloroethene
Concen: 2.924 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047021.D
Acq: 03 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 20585

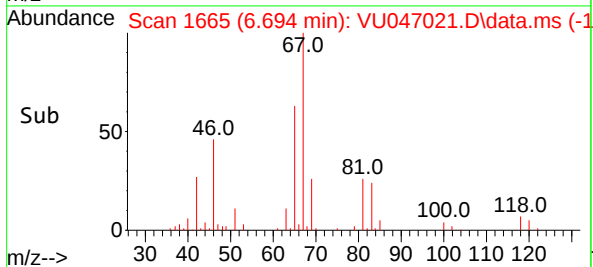
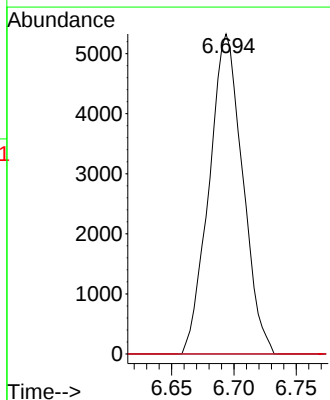
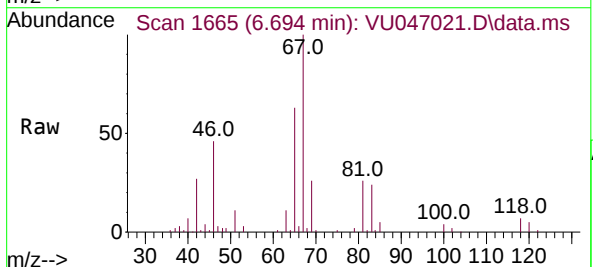
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.5
132	95.3	65.1	120.9
130	96.5	67.3	124.9

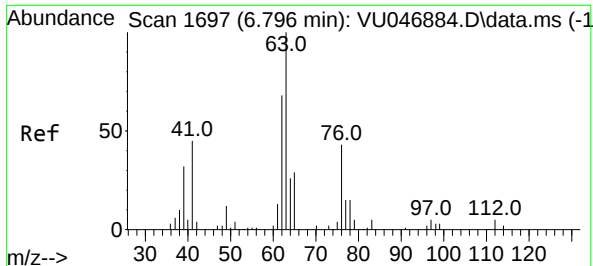


#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047021.D
Acq: 03 Feb 2022 15:01

Tgt Ion: 83 Resp: 9976

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: 0.664 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047021.D

Acq: 03 Feb 2022 15:01

Instrument :

MSVOA_U

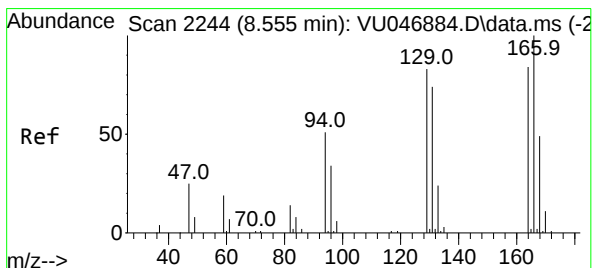
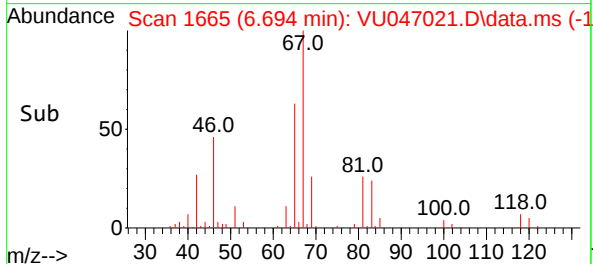
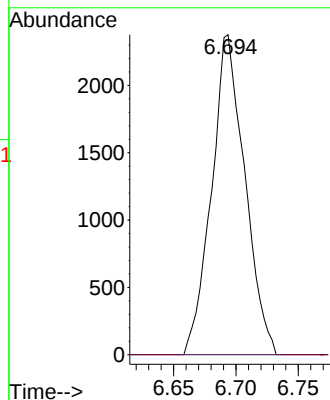
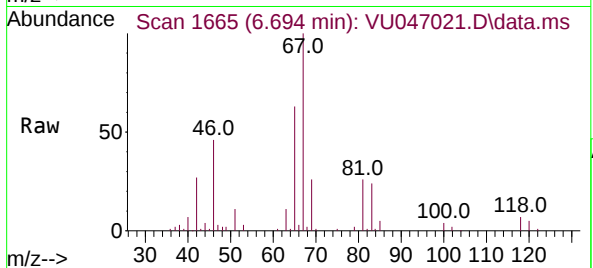
ClientSampleId :

Tgt Ion: 63 Resp: 4416

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 6.063 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047021.D

Acq: 03 Feb 2022 15:01

Tgt Ion: 164 Resp: 34714

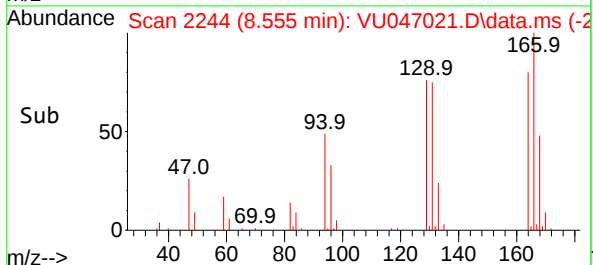
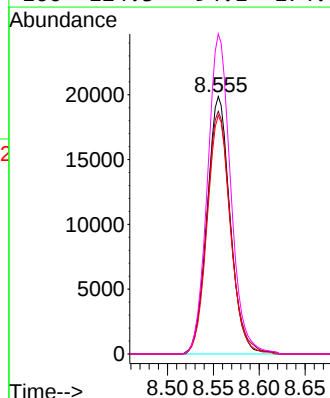
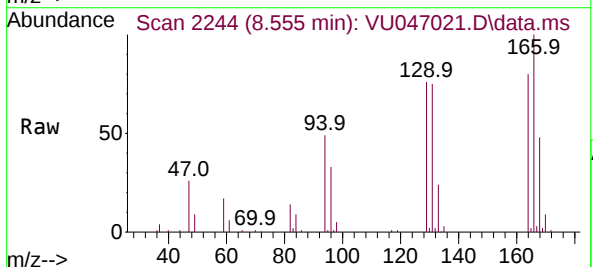
Ion Ratio Lower Upper

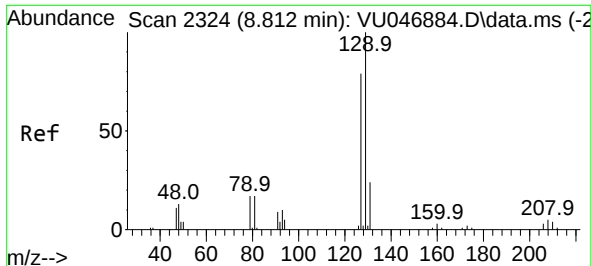
164 100

129 94.2 71.8 133.4

131 92.7 68.5 127.3

166 124.3 94.1 174.8

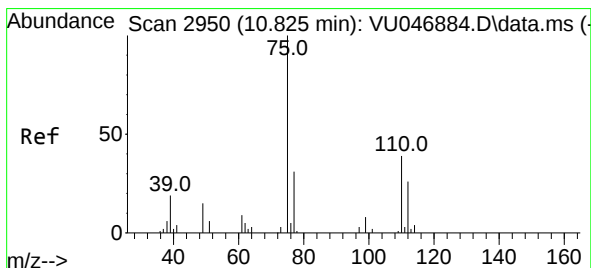
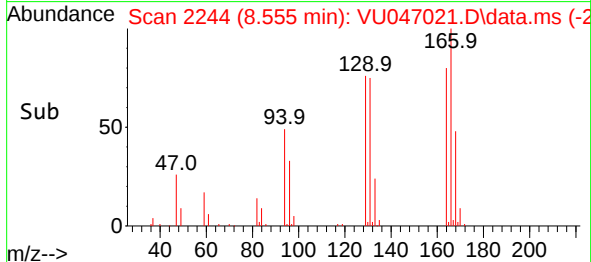
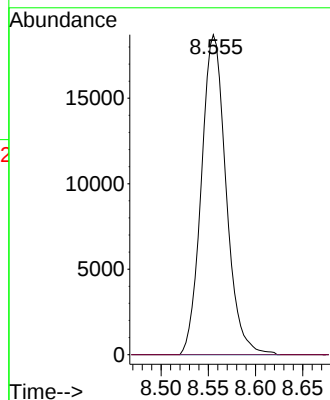
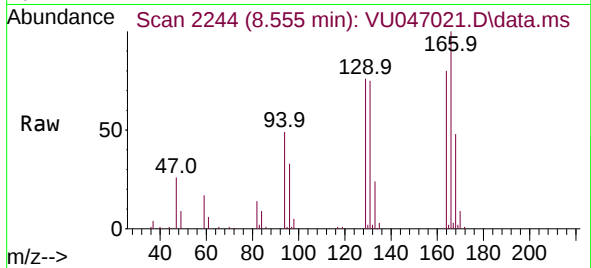




#49
Dibromochloromethane
Concen: 5.093 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047021.D
Acq: 03 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 33997
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.441 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047021.D
Acq: 03 Feb 2022 15:01

Tgt Ion: 75 Resp: 6006
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 31.8 25.5 38.3

