

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046896.D
 Acq On : 28 Jan 2022 16:34
 Operator : SY/MD
 Sample : N1273-07DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK6DL

Quant Time: Jan 29 00:42:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

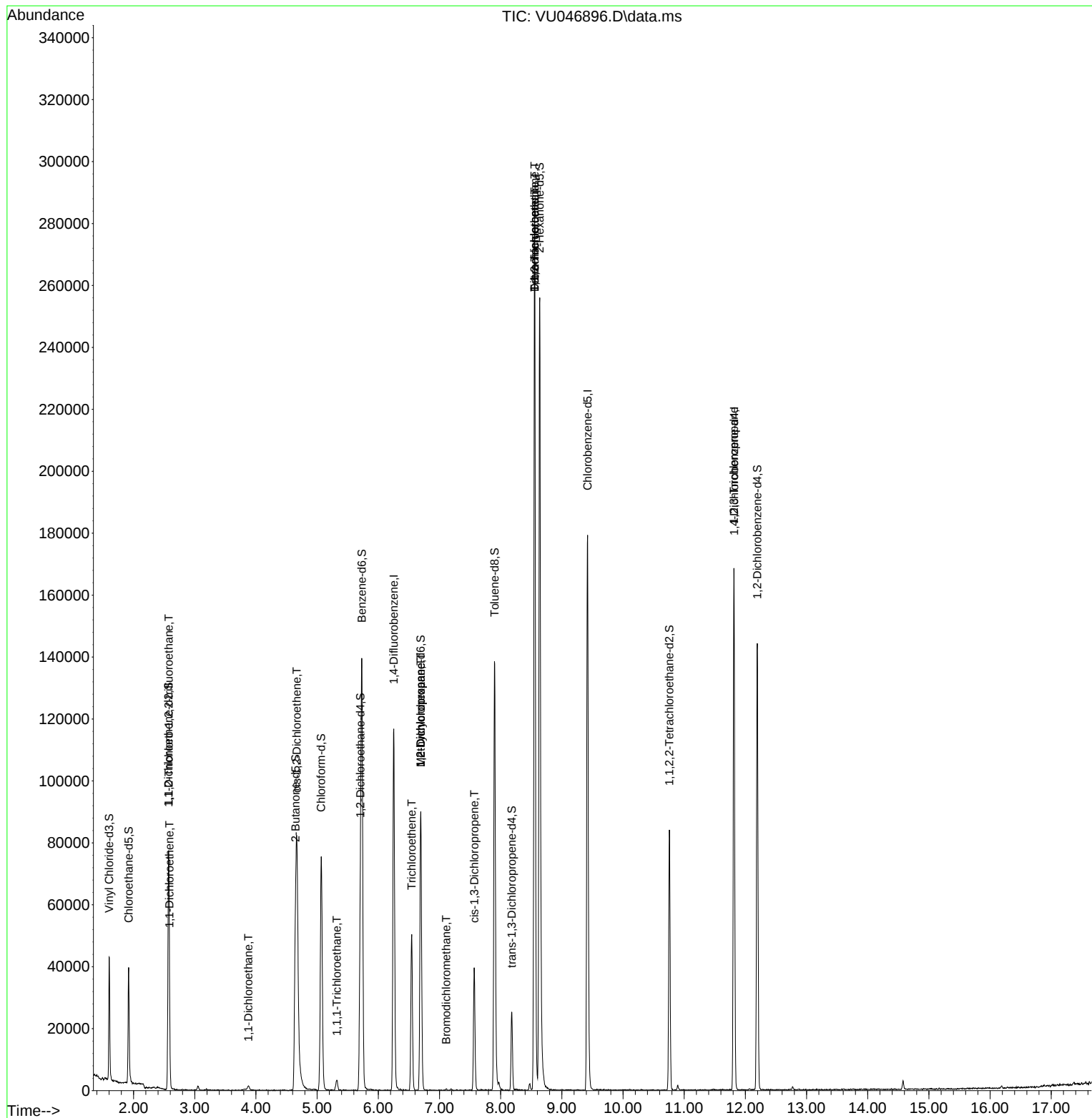
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97144	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	45677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30304	3.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.919	69	29350	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.572	65	13394	4.091	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.649	46	121835	49.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.920%
24) Chloroform-d	5.067	84	69793	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.706	65	39049	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.732	84	130604	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.694	67	45151	4.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.899	98	99261	3.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.182	79	15133	3.728	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.639	63	97783	40.679	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41559	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	38446	4.488	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	291	0.051	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	3871	0.714	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	1602	0.162	ug/L #	89
22) cis-1,2-Dichloroethene	4.668	96	22574	3.642	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	2770	0.294	ug/L #	80
34) Trichloroethene	6.546	95	17631	2.753	ug/L	94
35) Methylcyclohexane	6.694	83	10888	1.015	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4462	0.737	ug/L #	88
38) Bromodichloromethane	7.108	83	367	0.042	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	1024	0.108	ug/L	89
45) 1,1,2-Trichloroethane	8.555	97	490	0.095	ug/L #	1
47) Tetrachloroethene	8.555	164	63549	12.202	ug/L	99
49) Dibromochloromethane	8.555	129	63317	10.428	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5733	1.481	ug/L #	66

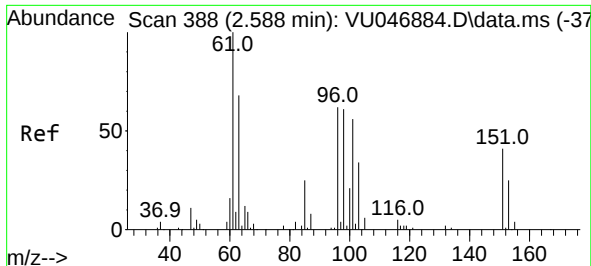
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 29 00:38:36 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.051 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046896.D

Acq: 28 Jan 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

C0HK6DL

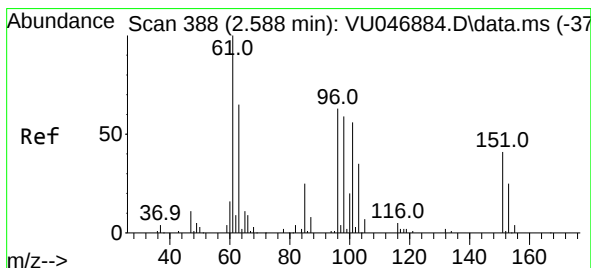
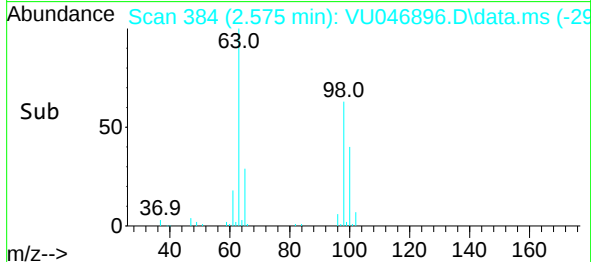
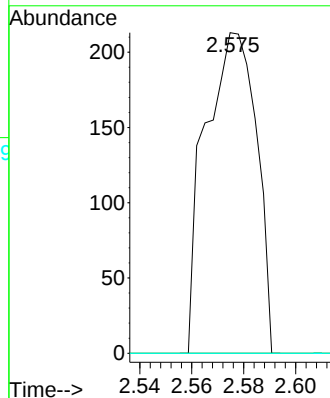
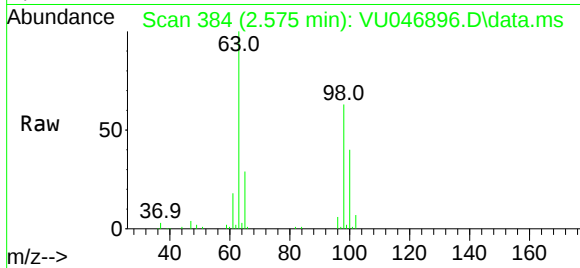
Tgt Ion:101 Resp: 291

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: 0.714 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046896.D

Acq: 28 Jan 2022 16:34

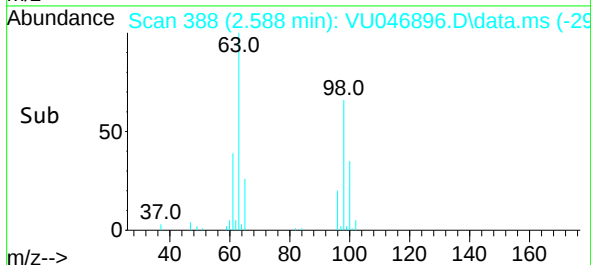
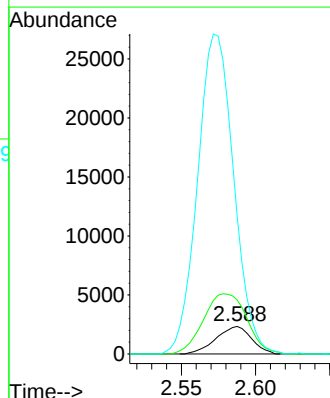
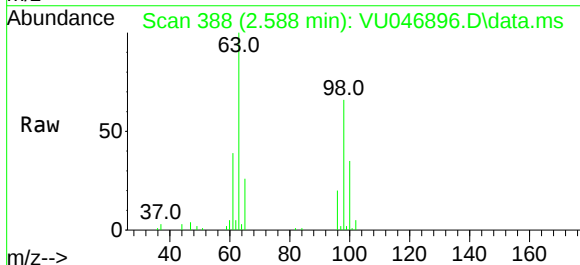
Tgt Ion: 96 Resp: 3871

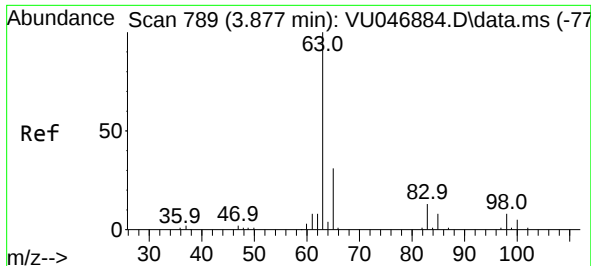
Ion Ratio Lower Upper

96 100

61 196.7 124.7 231.5

63 501.2 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.162 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046896.D

Acq: 28 Jan 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

C0HK6DL

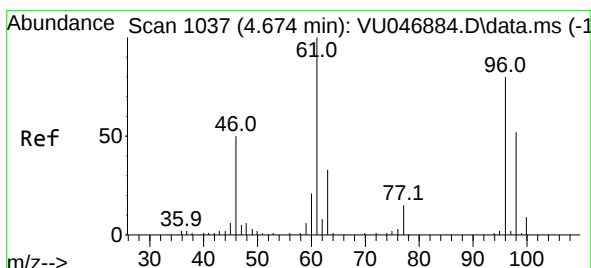
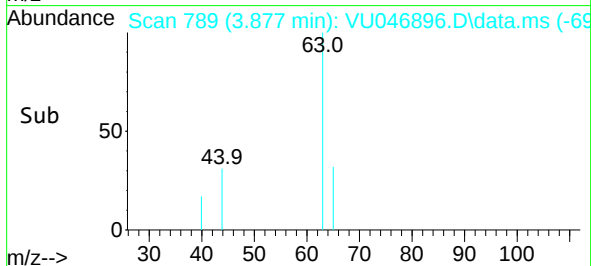
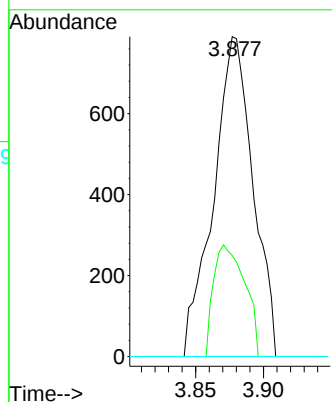
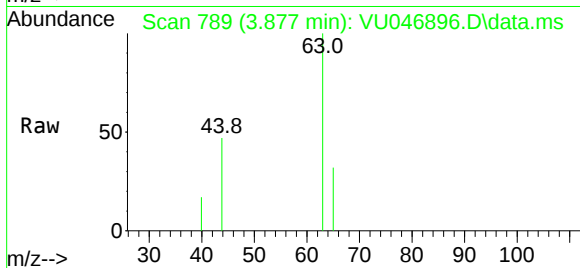
Tgt Ion: 63 Resp: 1602

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 0.0 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 3.642 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VU046896.D

Acq: 28 Jan 2022 16:34

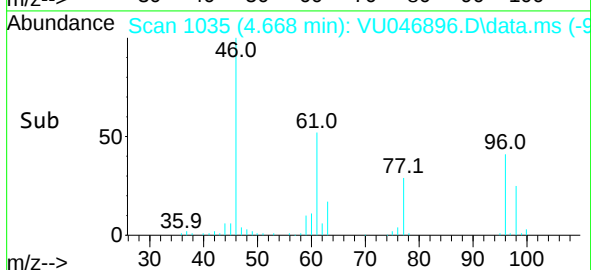
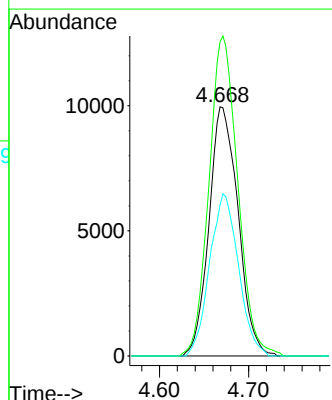
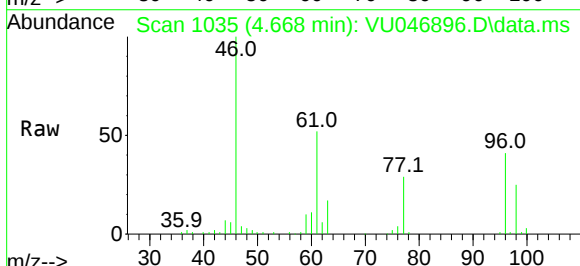
Tgt Ion: 96 Resp: 22574

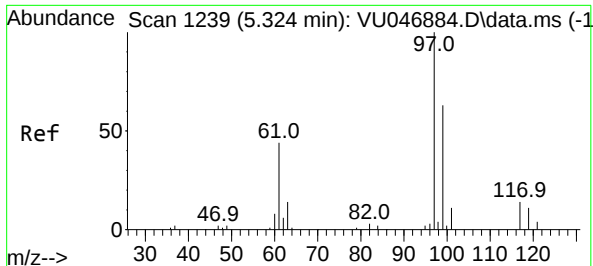
Ion Ratio Lower Upper

96 100

61 126.1 88.5 164.3

98 60.5 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.294 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU046896.D

Acq: 28 Jan 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

C0HK6DL

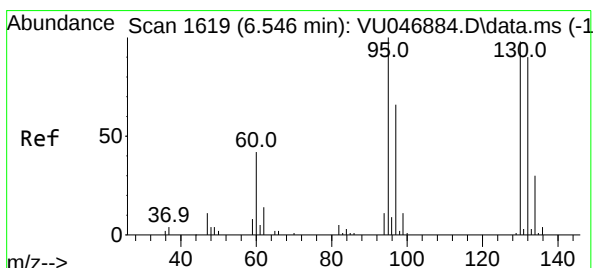
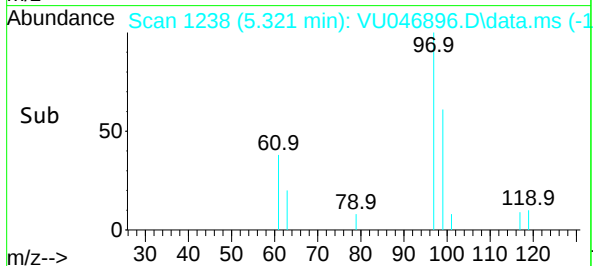
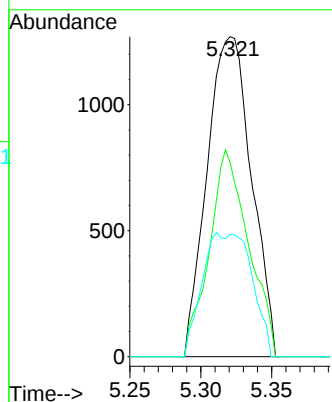
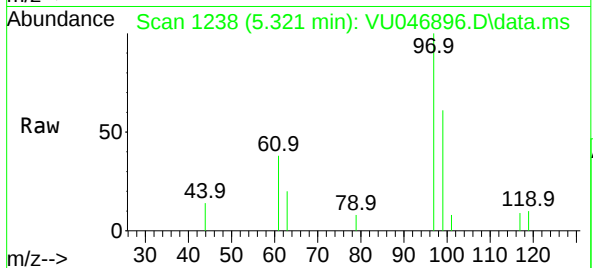
Tgt Ion: 97 Resp: 2770

Ion Ratio Lower Upper

97 100

99 57.2 51.3 76.9

61 21.4 36.1 54.1#



#34

Trichloroethene

Concen: 2.753 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046896.D

Acq: 28 Jan 2022 16:34

Tgt Ion: 95 Resp: 17631

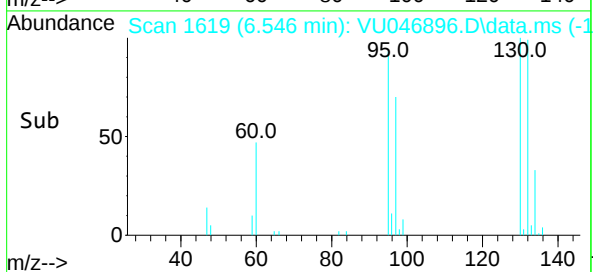
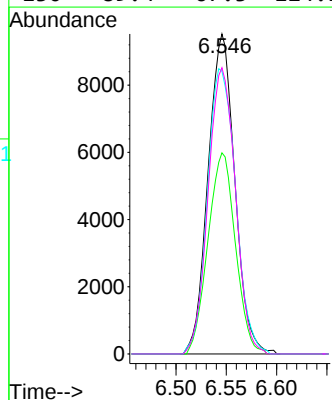
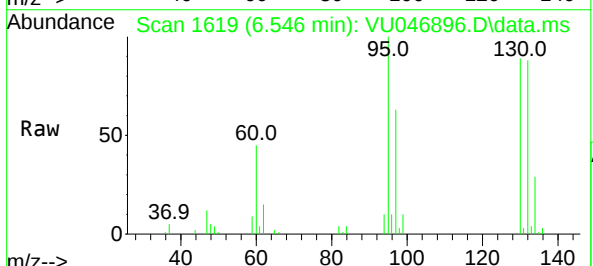
Ion Ratio Lower Upper

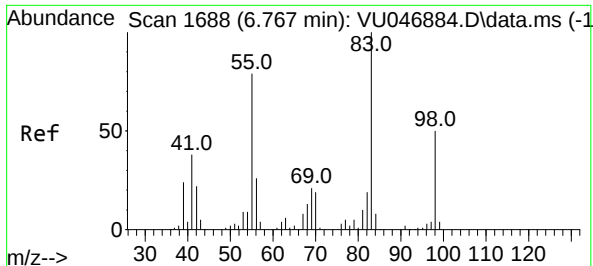
95 100

97 62.8 46.5 86.5

132 88.4 65.1 120.9

130 89.4 67.3 124.9





#35

Methylcyclohexane

Concen: 1.015 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046896.D

Acq: 28 Jan 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

C0HK6DL

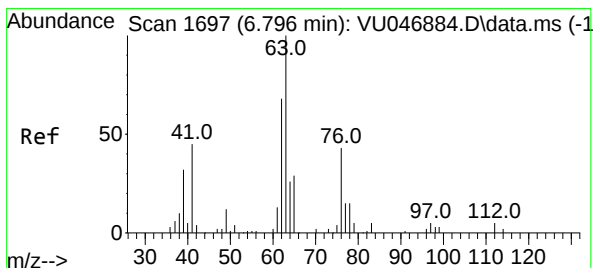
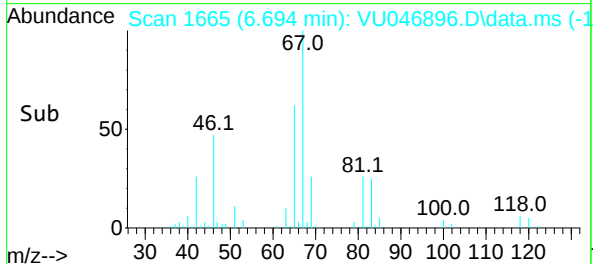
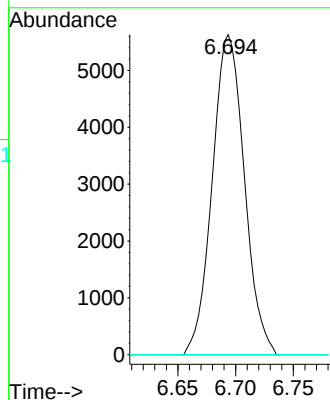
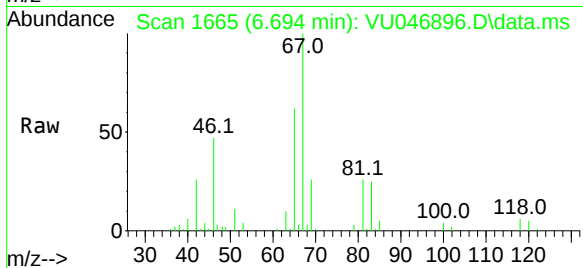
Tgt Ion: 83 Resp: 10888

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 4.4 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.737 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU046896.D

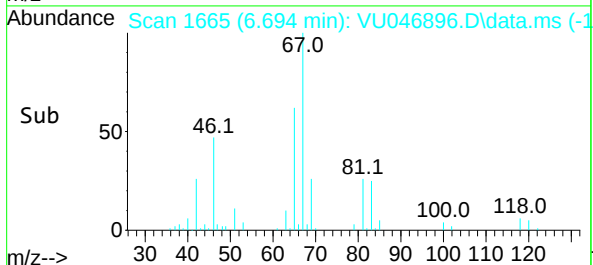
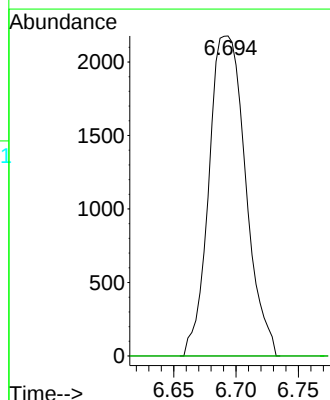
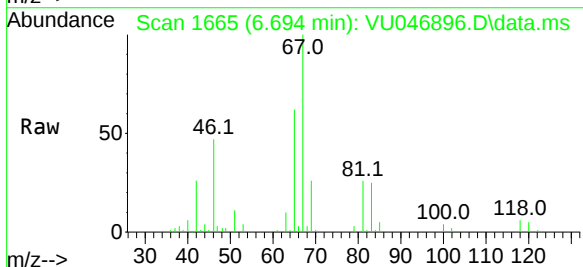
Acq: 28 Jan 2022 16:34

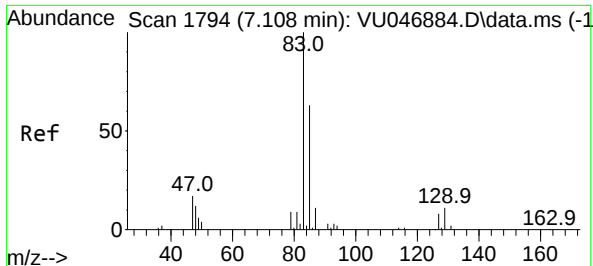
Tgt Ion: 63 Resp: 4462

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

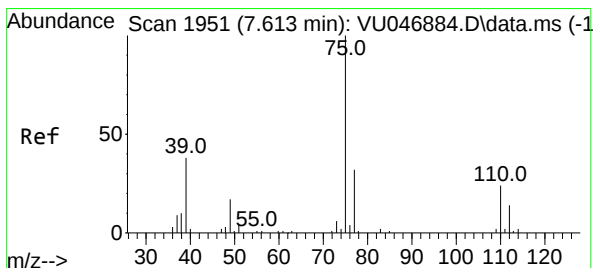
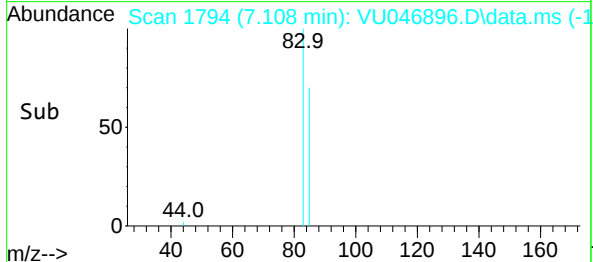
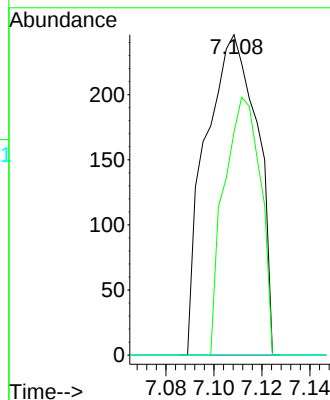
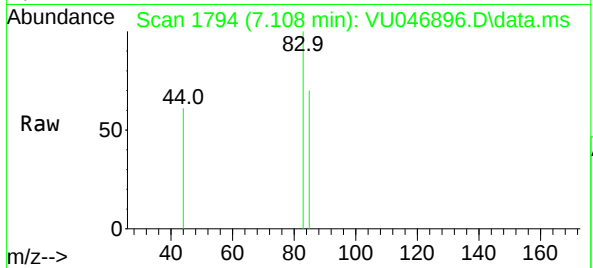




#38
Bromodichloromethane
Concen: 0.042 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046896.D
Acq: 28 Jan 2022 16:34

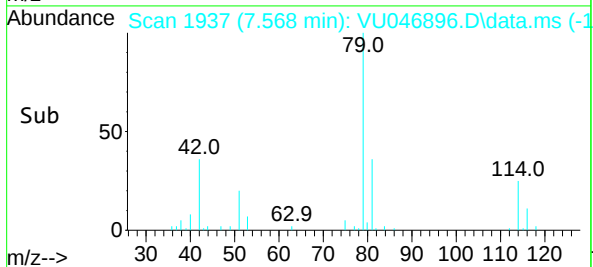
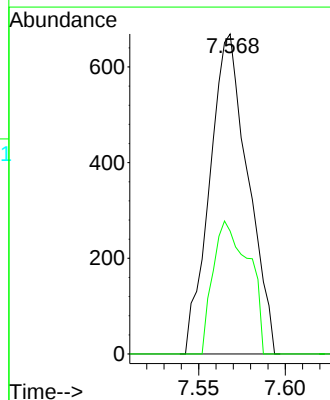
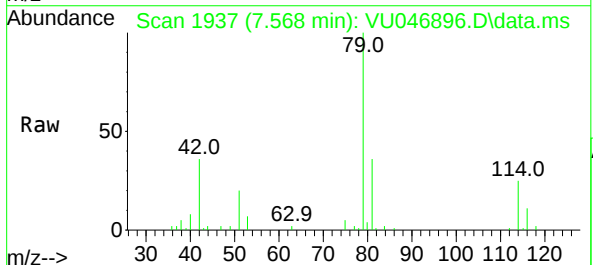
Instrument :
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ClientSampleId :
C0HK6DL

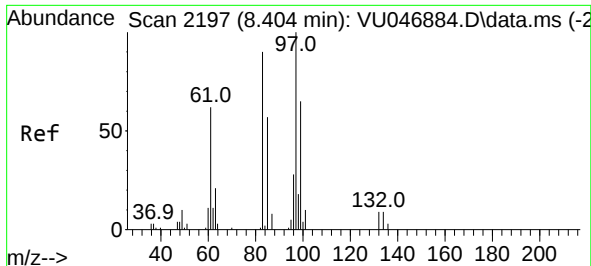
Tgt Ion: 83 Resp: 367
Ion Ratio Lower Upper
83 100
85 69.5 44.0 81.8
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU046896.D
Acq: 28 Jan 2022 16:34

Tgt Ion: 75 Resp: 1024
Ion Ratio Lower Upper
75 100
77 38.4 22.5 41.9

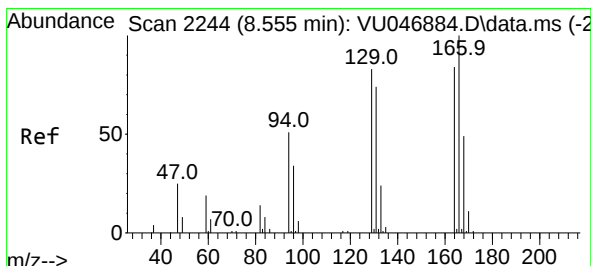
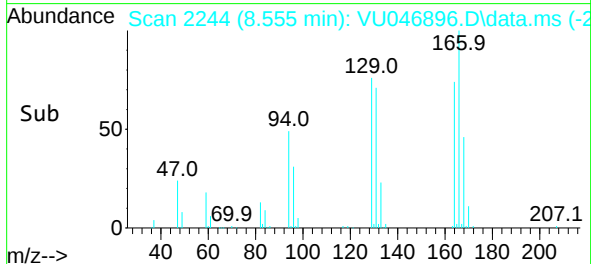
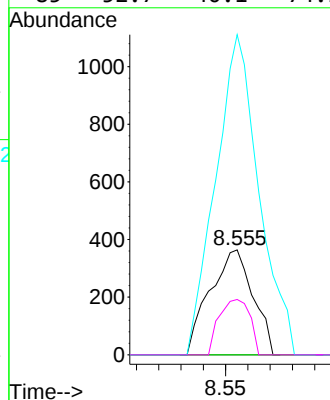
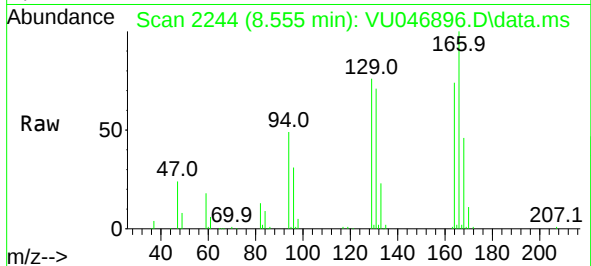




#45
1,1,2-Trichloroethane
Concen: 0.095 ug/L
RT: 8.555 min Scan# 2197
Delta R.T. 0.151 min
Lab File: VU046896.D
Acq: 28 Jan 2022 16:34

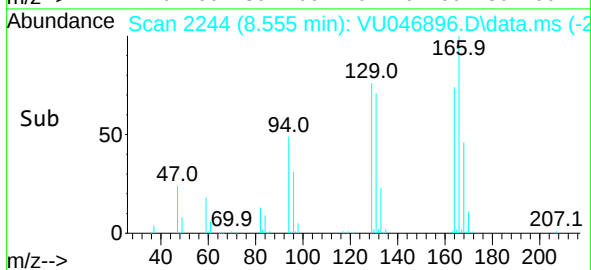
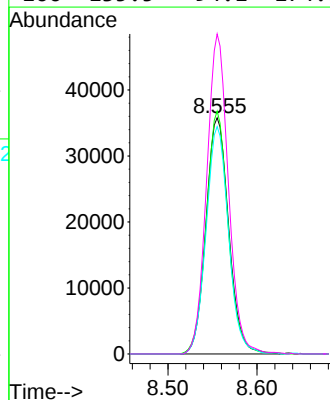
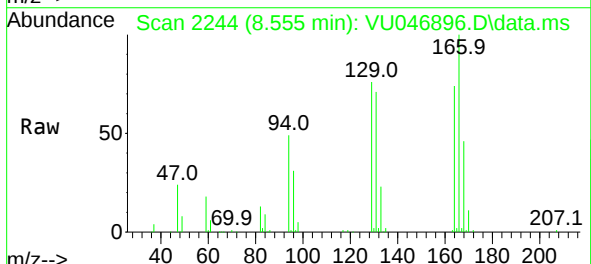
Instrument :
MSVOA_U
ClientSampleId :
C0HK6DL

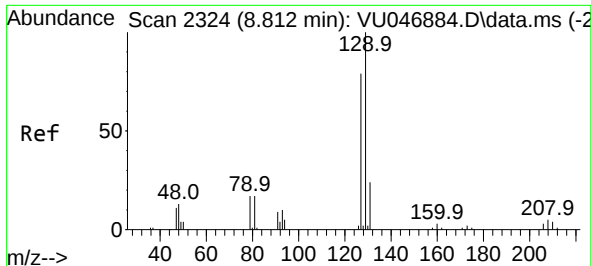
Tgt Ion: 97	Resp:	490	
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.3	78.5#
83	305.2	62.0	115.2#
85	52.7	40.1	74.5



#47
Tetrachloroethene
Concen: 12.202 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046896.D
Acq: 28 Jan 2022 16:34

Tgt	Ion:164	Resp:	63549
Ion	Ratio	Lower	Upper
164	100		
129	102.9	71.8	133.4
131	96.3	68.5	127.3
166	135.5	94.1	174.8

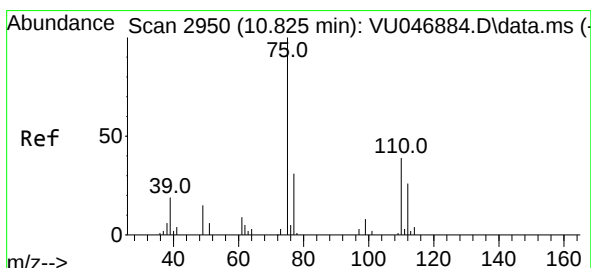
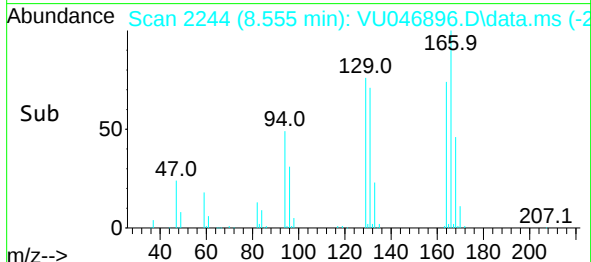
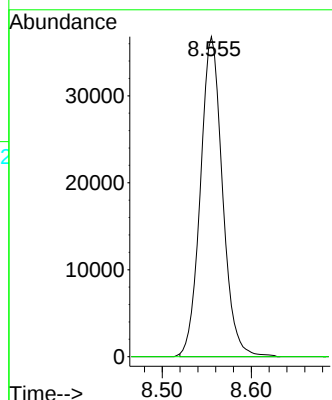
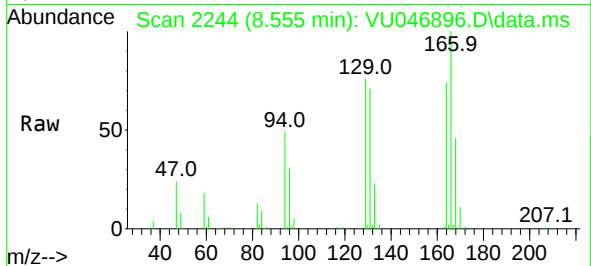




#49
Dibromochloromethane
Concen: 10.428 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046896.D
Acq: 28 Jan 2022 16:34

Instrument :
MSVOA_U
ClientSampleId :
C0HK6DL

Tgt Ion:129 Resp: 63317
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.481 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046896.D
Acq: 28 Jan 2022 16:34

Tgt Ion: 75 Resp: 5733
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 32.6 25.5 38.3

