

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046466.D
 Acq On : 17 Dec 2021 13:02
 Operator : SY/MD
 Sample : M5101-14
 Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 13:56:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

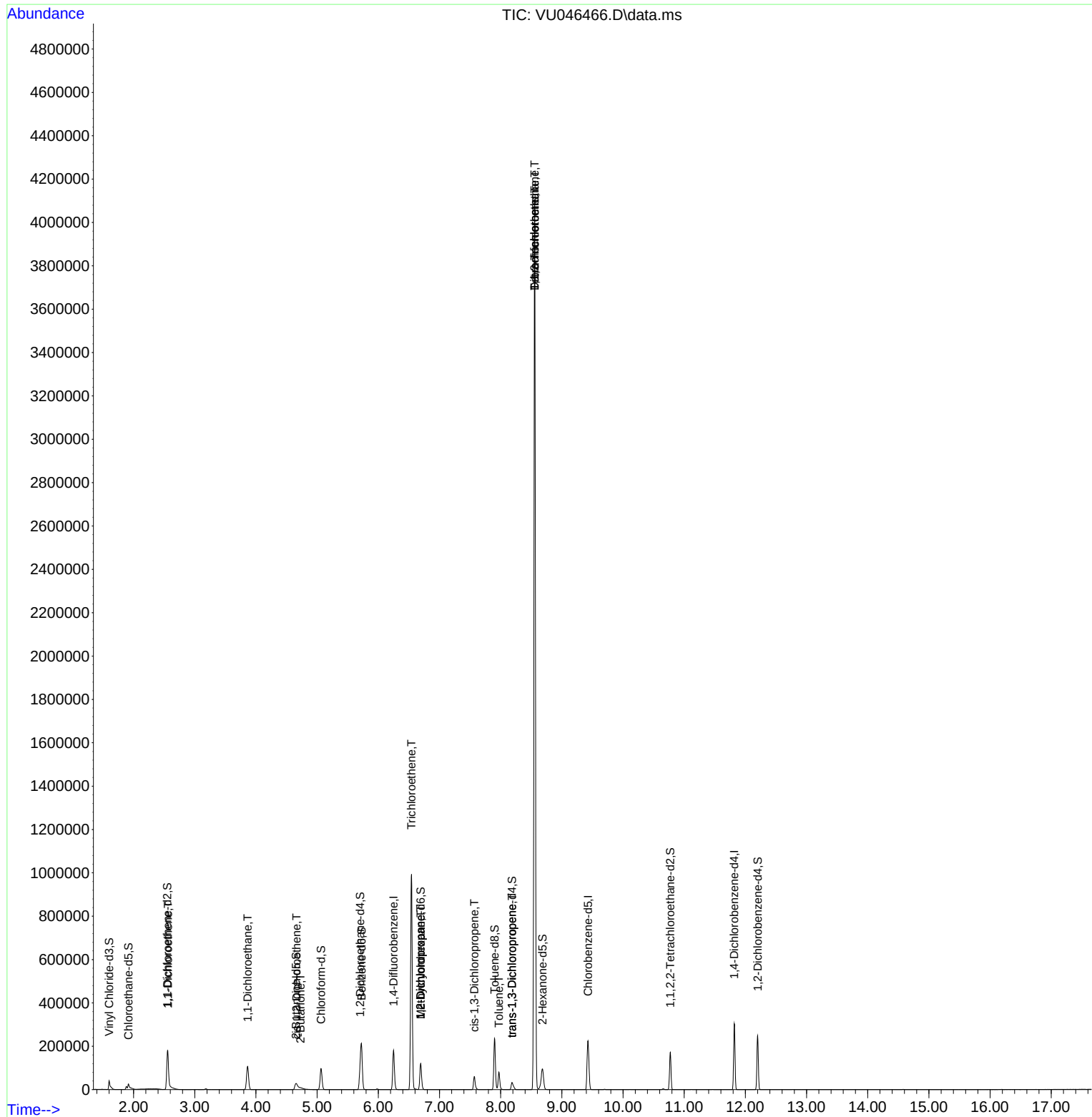
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155026	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	161411	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	79384	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	49564	38.812	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.620%
7) Chloroethane-d5	1.916	69	35173	35.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.740%
11) 1,1-Dichloroethene-d2	2.552	63	92274	40.251	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.500%
21) 2-Butanone-d5	4.655	46	75940	74.805	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.800%
24) Chloroform-d	5.063	84	94359	44.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.500%
26) 1,2-Dichloroethane-d4	5.703	65	65328	45.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
32) Benzene-d6	5.726	84	186974	40.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.840%
36) 1,2-Dichloropropane-d6	6.694	67	59004	41.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.300%
41) Toluene-d8	7.899	98	167215	39.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.400%#
43) trans-1,3-Dichloroprop...	8.185	79	28936	41.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.620%
47) 2-Hexanone-d5	8.684	63	60348	88.772	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.770%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	85981	39.543	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.080%
66) 1,2-Dichlorobenzene-d4	12.201	152	64742	42.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.562	96	47659	44.462	ug/L	96
19) 1,1-Dichloroethane	3.864	63	122333	59.312	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	740	0.601	ug/L	88
22) 2-Butanone	4.729	43	7556	5.471	ug/L #	62
34) Trichloroethene	6.542	95	341490	265.339	ug/L	98
35) Methylcyclohexane	6.694	83	14551	7.292	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6593	5.152	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1794	0.921	ug/L #	73
42) Toluene	7.970	91	61234	11.681	ug/L	99
44) trans-1,3-Dichloropropene	8.185	75	1213	0.634	ug/L #	83
45) 1,1,2-Trichloroethane	8.555	97	8281	6.450	ug/L #	1
46) Tetrachloroethene	8.555	164	884580	935.289	ug/L	98
49) Dibromochloromethane	8.555	129	873371	647.782	ug/L #	10

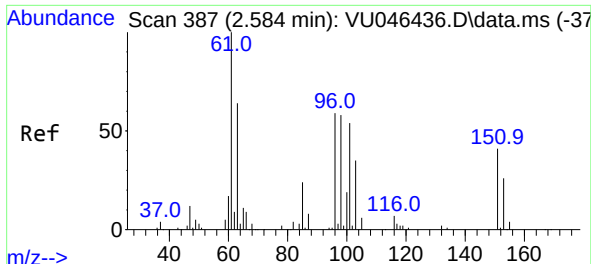
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 17 03:50:47 2021
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#12

1,1-Dichloroethene

Concen: 44.462 ug/L

RT: 2.562 min Scan# 387

Delta R.T. -0.022 min

Lab File: VU046466.D

Acq: 17 Dec 2021 13:02

Instrument :

MSVOA_U

ClientSampleId :

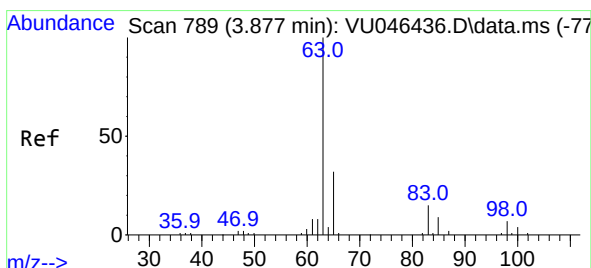
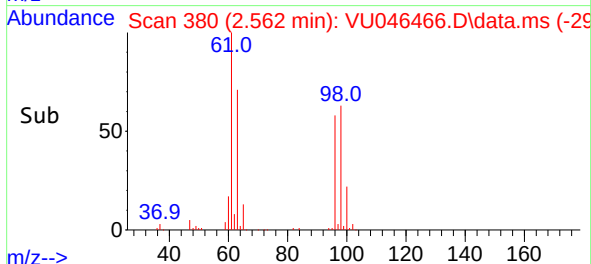
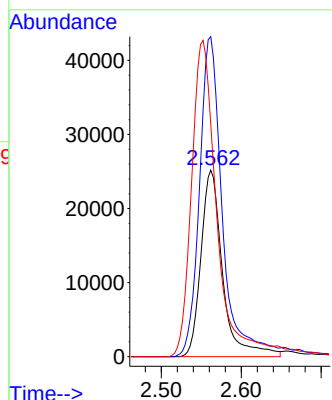
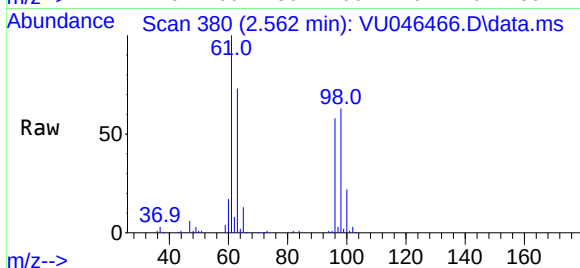
Tgt Ion: 96 Resp: 47659

Ion Ratio Lower Upper

96 100

61 171.6 118.6 220.2

63 124.6 93.0 172.8



#19

1,1-Dichloroethane

Concen: 59.312 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.013 min

Lab File: VU046466.D

Acq: 17 Dec 2021 13:02

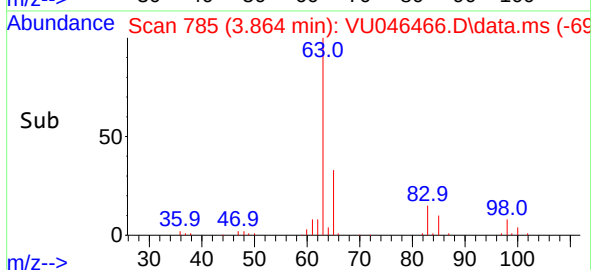
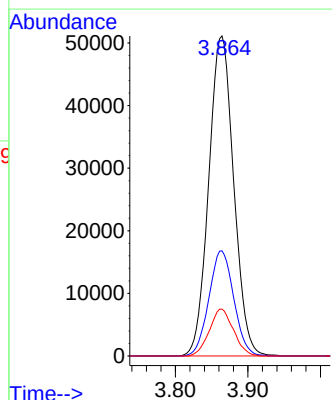
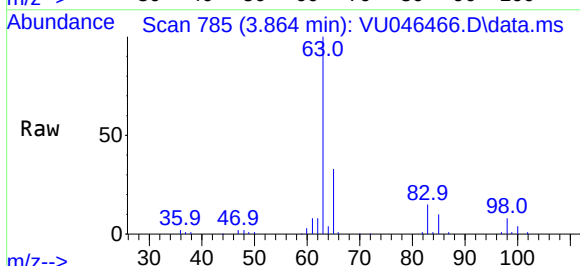
Tgt Ion: 63 Resp: 122333

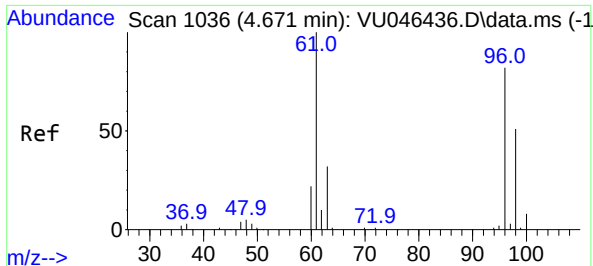
Ion Ratio Lower Upper

63 100

65 32.8 22.8 42.4

83 14.7 9.6 17.8





#20

cis-1,2-Dichloroethene

Concen: 0.601 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VU046466.D

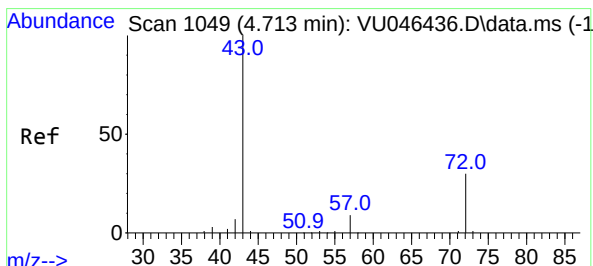
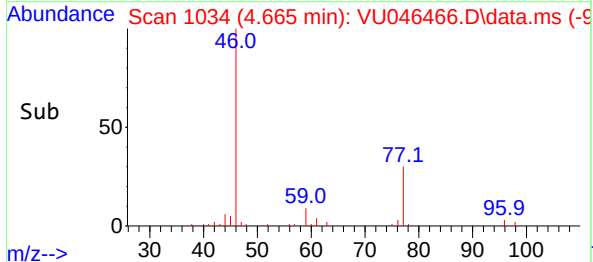
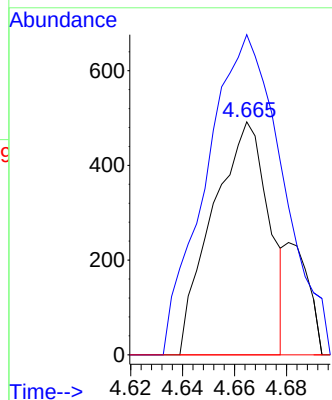
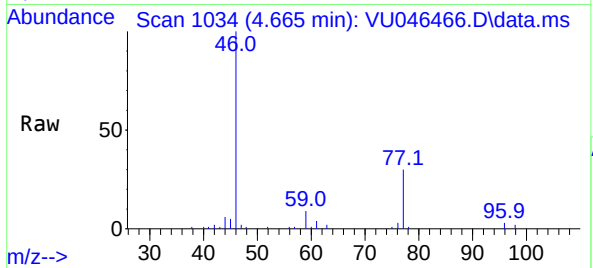
Acq: 17 Dec 2021 13:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp:	740
Ion	Ratio	Lower Upper
96	100	
61	137.4	86.8 161.2
68	0.0	0.0 0.0



#22

2-Butanone

Concen: 5.471 ug/L

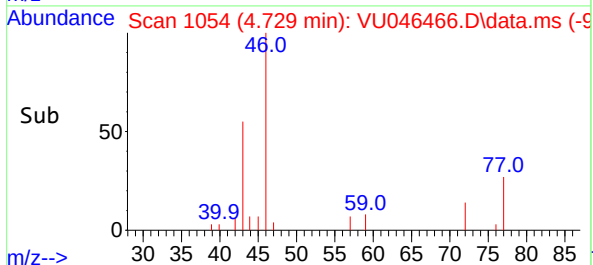
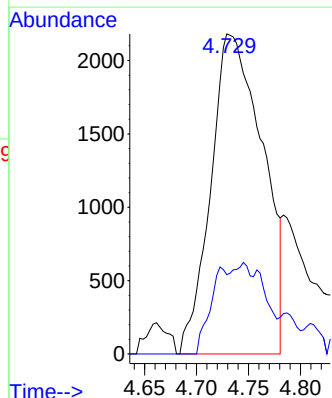
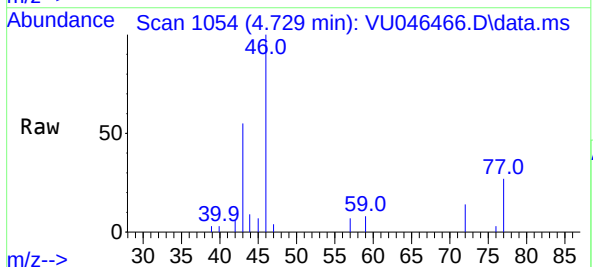
RT: 4.729 min Scan# 1054

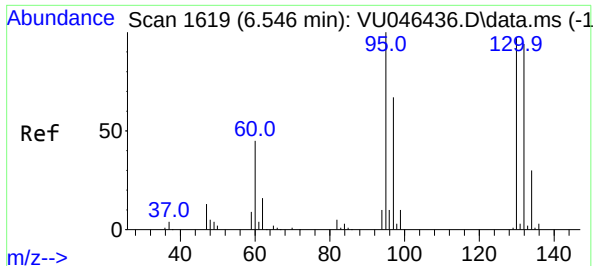
Delta R.T. 0.016 min

Lab File: VU046466.D

Acq: 17 Dec 2021 13:02

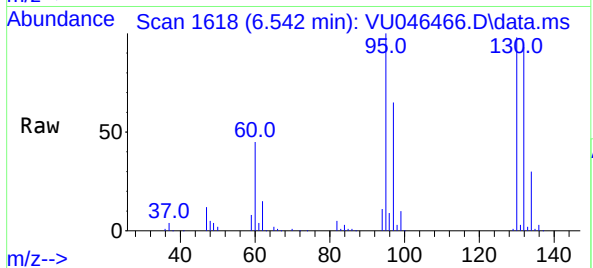
Tgt Ion: 43	Resp:	7556
Ion	Ratio	Lower Upper
43	100	
72	9.0	14.5 43.6#



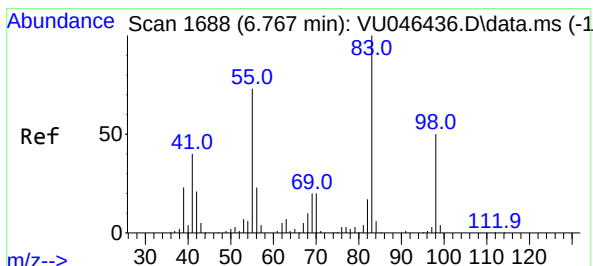
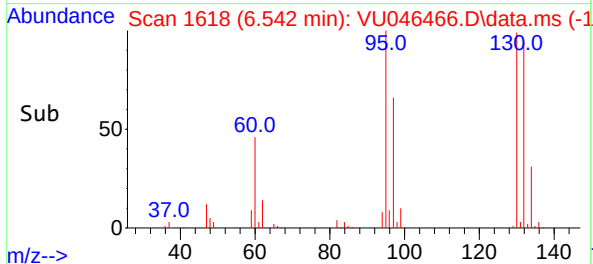
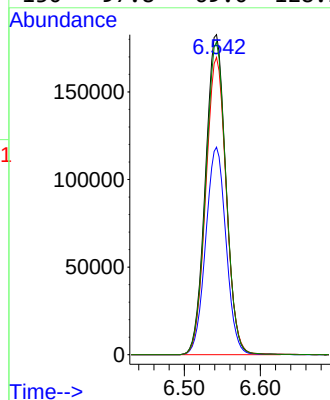


#34
Trichloroethene
Concen: 265.339 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

Instrument :
MSVOA_U
ClientSampleId :

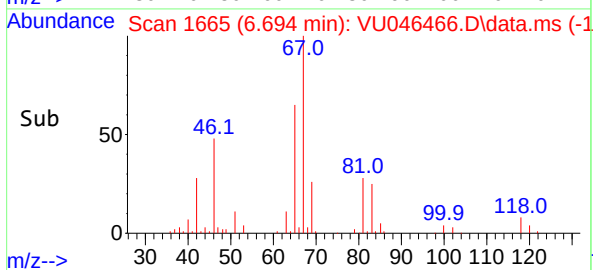
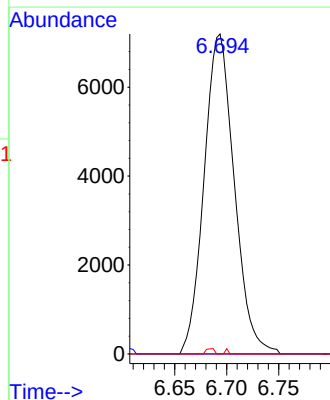
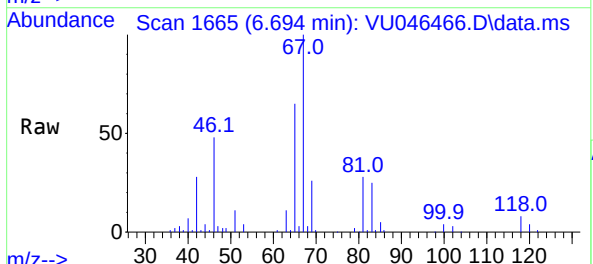


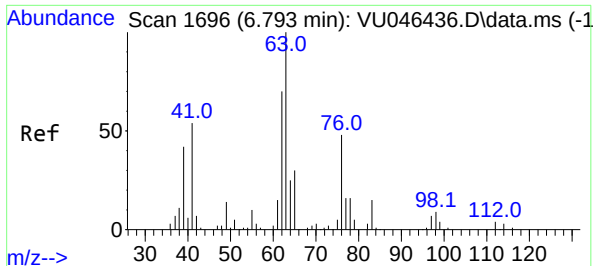
Tgt Ion: 95 Resp: 341490
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 92.9 66.8 124.0
130 97.8 69.0 128.1



#35
Methylcyclohexane
Concen: 7.292 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

Tgt Ion: 83 Resp: 14551
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.4 38.4 57.6#

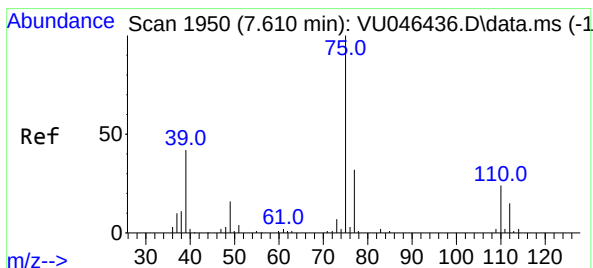
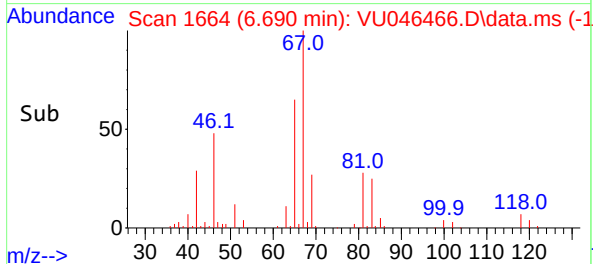
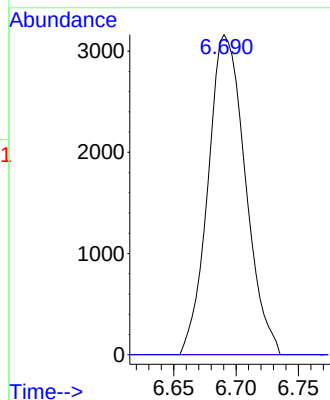
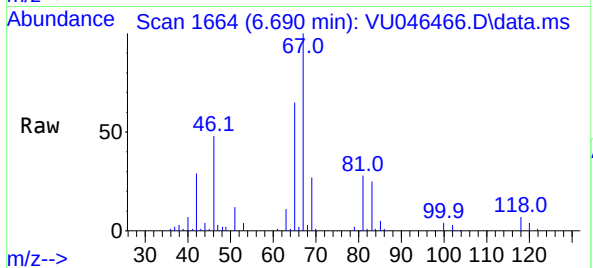




#37
1,2-Dichloropropane
Concen: 5.152 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

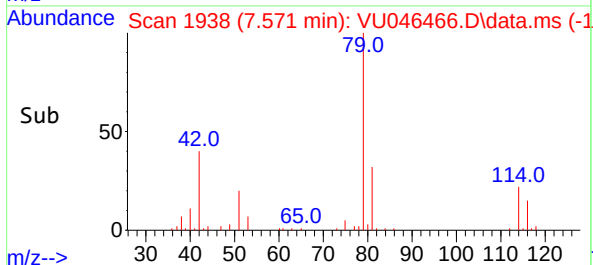
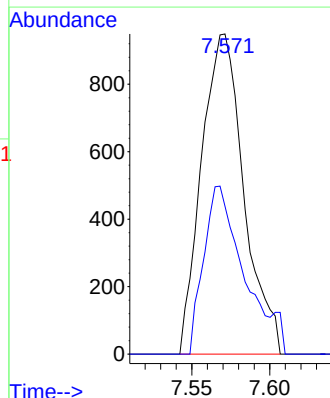
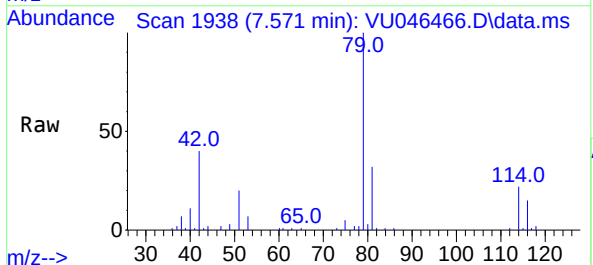
Instrument :
MSVOA_U
ClientSampleId :

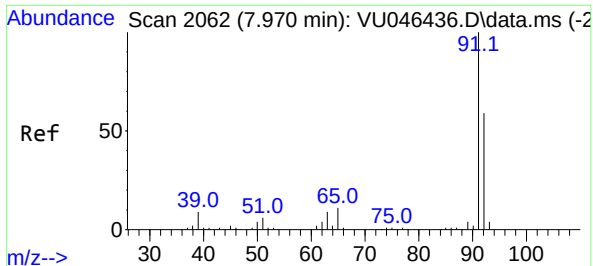
Tgt Ion: 63 Resp: 6593
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

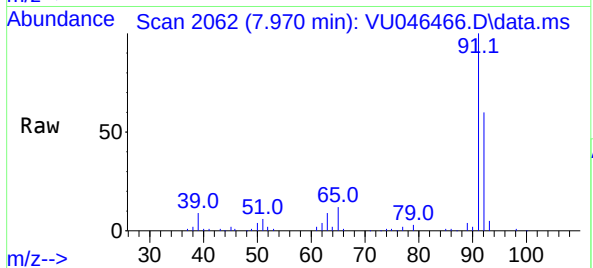
Tgt Ion: 75 Resp: 1794
Ion Ratio Lower Upper
75 100
77 46.2 21.8 40.6#



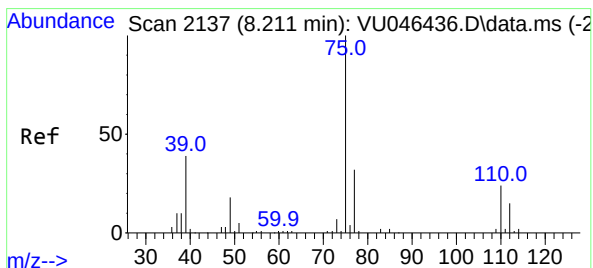
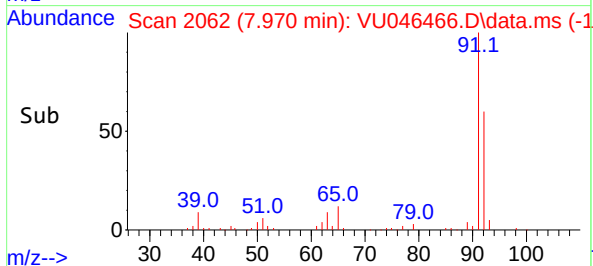
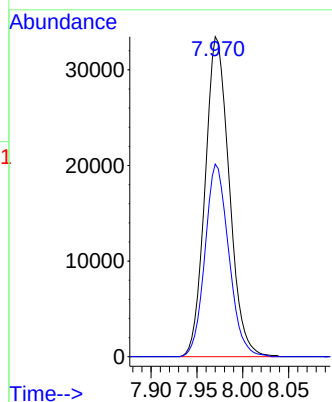


#42
Toluene
Concen: 11.681 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

Instrument :
MSVOA_U
ClientSampleId :

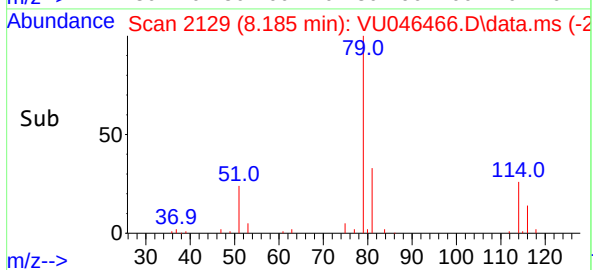
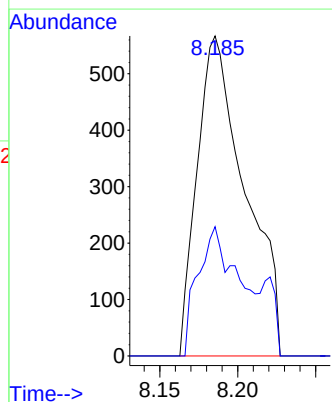
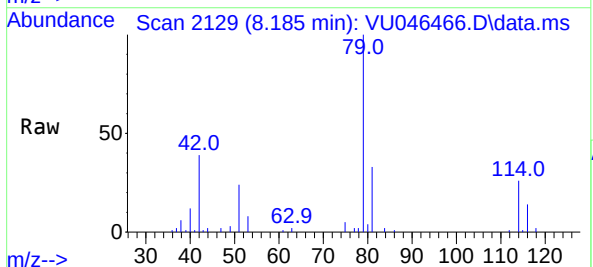


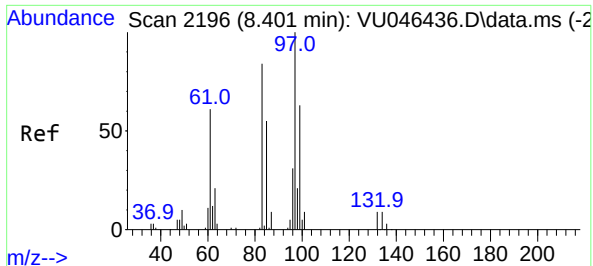
Tgt Ion: 91 Resp: 61234
Ion Ratio Lower Upper
91 100
92 60.2 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 0.634 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.026 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

Tgt Ion: 75 Resp: 1213
Ion Ratio Lower Upper
75 100
77 40.4 21.7 40.3#



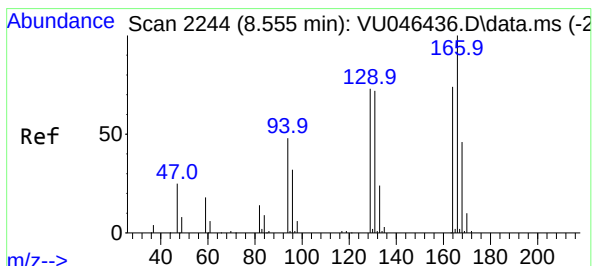
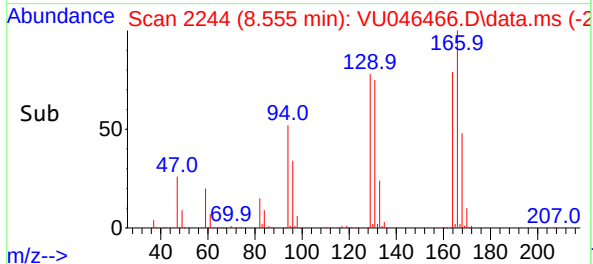
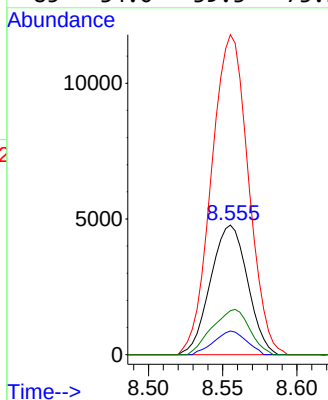
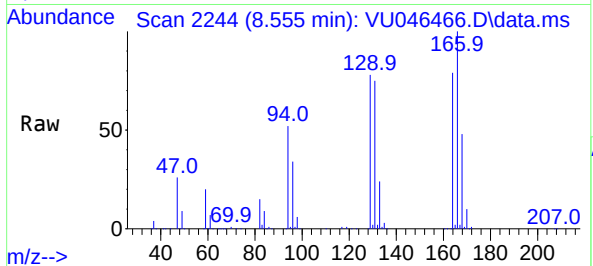


#45
1,1,2-Trichloroethane
Concen: 6.450 ug/L
RT: 8.555 min Scan# 2196
Delta R.T. 0.154 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 8281

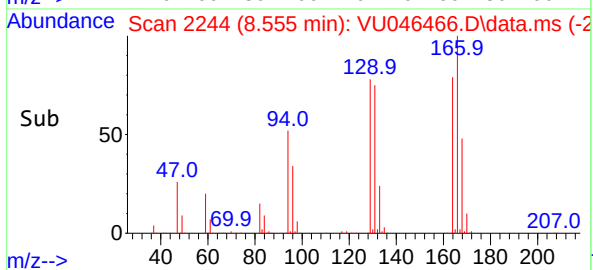
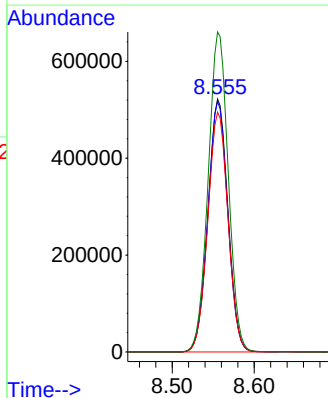
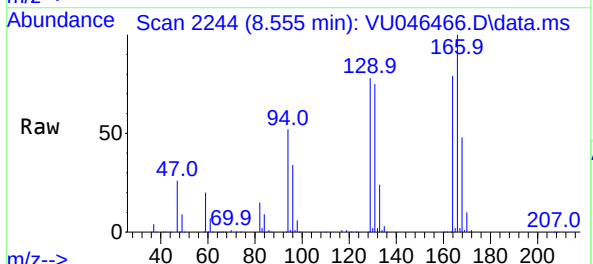
Ion	Ratio	Lower	Upper
97	100		
99	18.3	44.7	82.9#
83	246.9	60.2	111.8#
85	34.0	39.3	73.1#

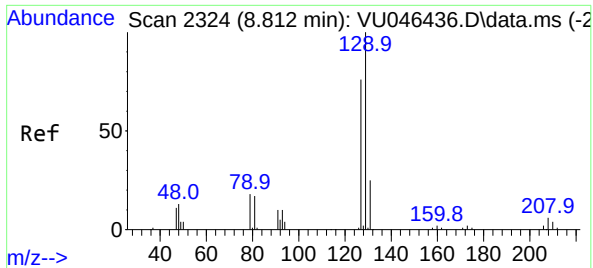


#46
Tetrachloroethene
Concen: 935.289 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

Tgt Ion: 164 Resp: 884580

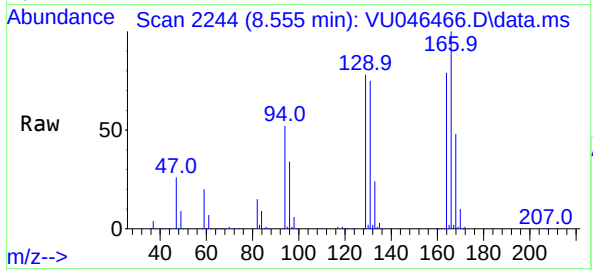
Ion	Ratio	Lower	Upper
164	100		
129	99.0	71.1	132.1
131	94.8	67.8	126.0
166	126.5	90.6	168.2





#49
 Dibromochloromethane
 Concen: 647.782 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU046466.D
 Acq: 17 Dec 2021 13:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 873371
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.6 103.4#

