

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046880.D
 Acq On : 27 Jan 2022 19:27
 Operator : SY/MD
 Sample : N1273-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHK6

Quant Time: Jan 28 01:02:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

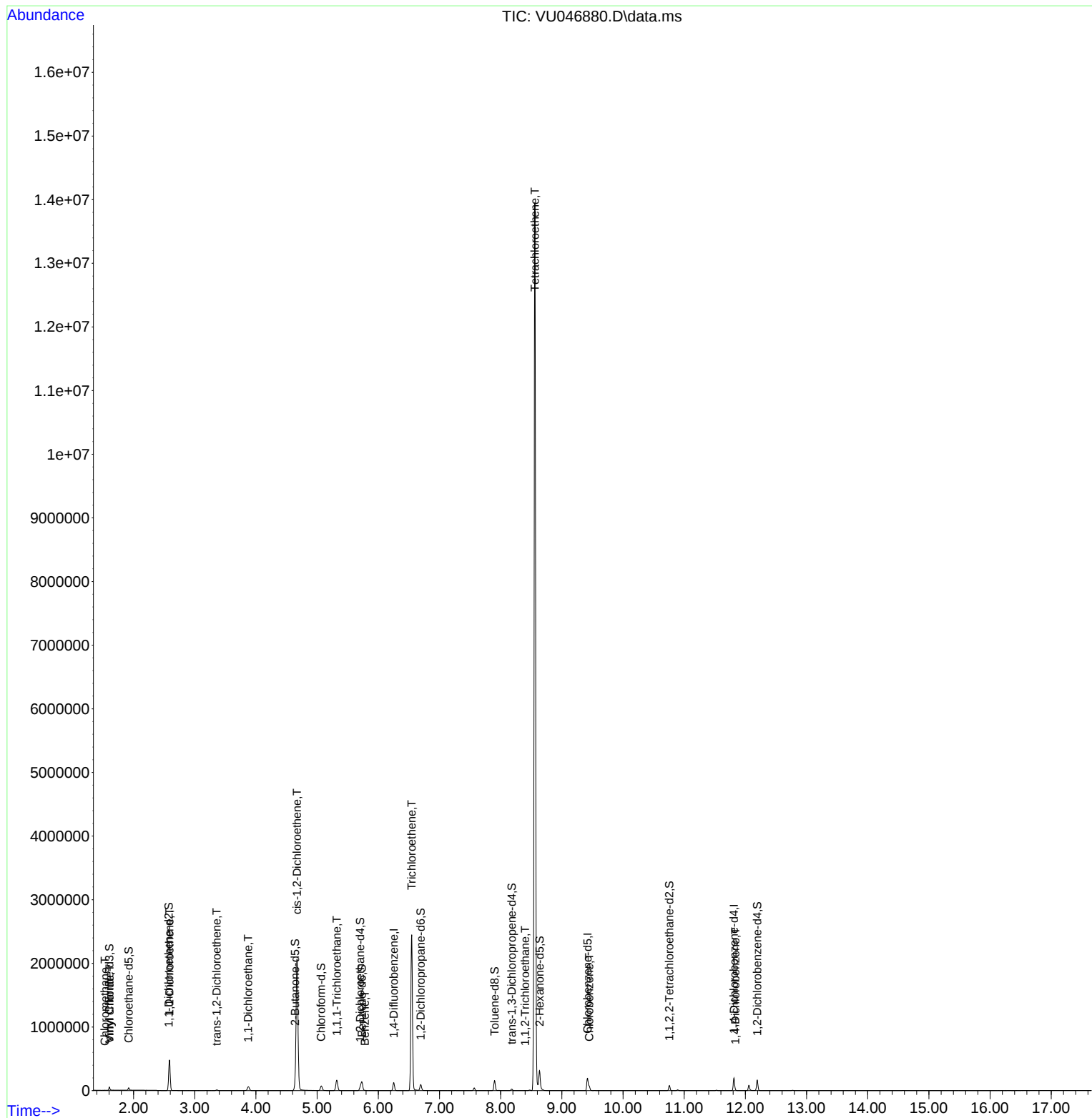
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101939	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30778	3.563	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.919	69	29866	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.575	65	13968	4.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.642	46	120012	46.898	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.800%
24) Chloroform-d	5.067	84	69117	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.703	65	39440	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.732	84	136354	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.694	67	45003	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.899	98	109559	3.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.182	79	15086	3.515	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.636	63	109661	43.148	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40345	4.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	43983	4.518	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
3) Chloromethane	1.530	50	1853	0.235	ug/L	97
5) Vinyl chloride	1.610	62	6769	0.823	ug/L #	26
12) 1,1-Dichloroethene	2.588	96	158177	27.789	ug/L #	62
18) trans-1,2-Dichloroethene	3.359	96	5205	0.844	ug/L	95
19) 1,1-Dichloroethane	3.874	63	70270	6.789	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	1099124	169.005	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	120317	12.061	ug/L	98
33) Benzene	5.780	78	3474	0.133	ug/L	100
34) Trichloroethene	6.546	95	852474	125.912	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	836	0.154	ug/L	91
47) Tetrachloroethene	8.559	164	3020820	548.601	ug/L	97
51) Chlorobenzene	9.449	112	37394	2.066	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	3993	0.328	ug/L	91

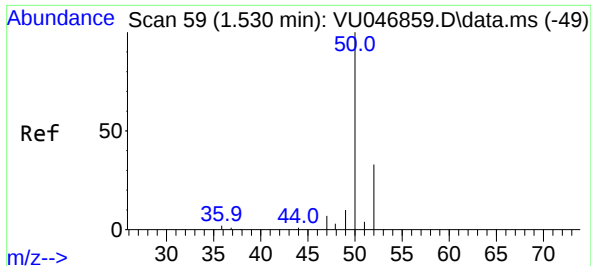
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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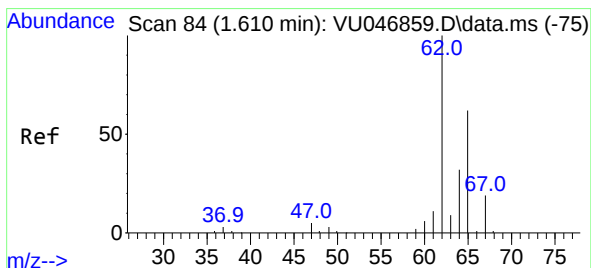
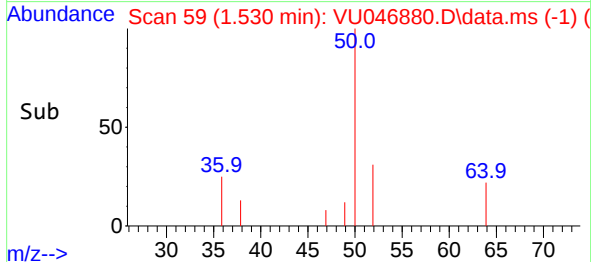
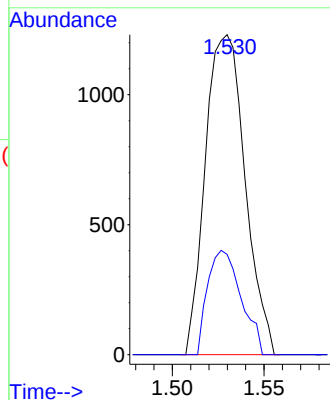
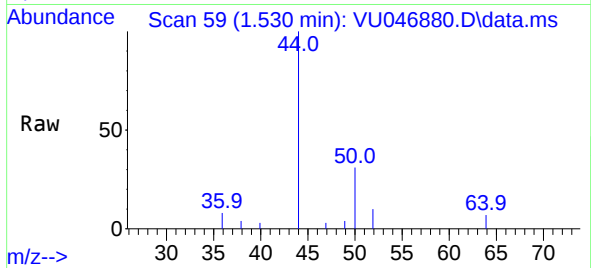




#3
Chloromethane
Concen: 0.235 ug/L
RT: 1.530 min Scan# 59
Delta R.T. -0.000 min
Lab File: VU046880.D
Acq: 27 Jan 2022 19:27

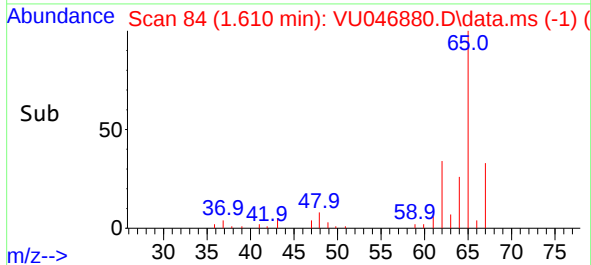
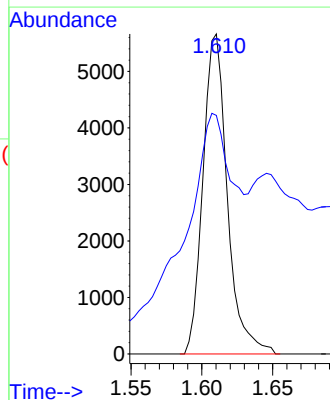
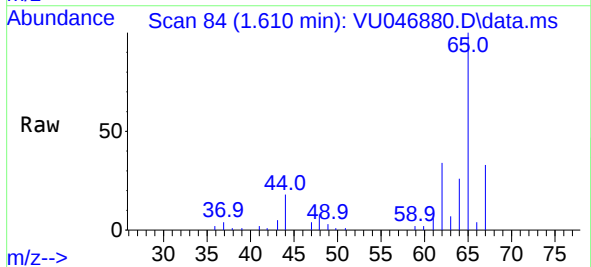
Instrument :
MSVOA_U
ClientSampleId :
C0HK6

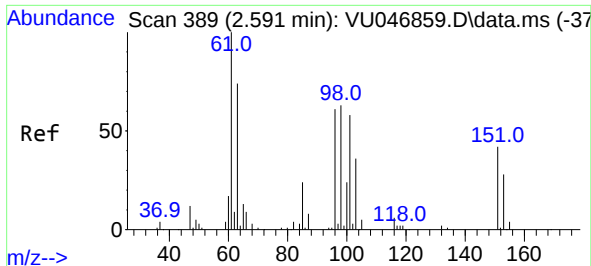
Tgt Ion: 50 Resp: 1853
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.8



#5
Vinyl chloride
Concen: 0.823 ug/L
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU046880.D
Acq: 27 Jan 2022 19:27

Tgt Ion: 62 Resp: 6769
Ion Ratio Lower Upper
62 100
64 74.6 22.9 42.5





#12

1,1-Dichloroethene

Concen: 27.789 ug/L

RT: 2.588 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046880.D

Acq: 27 Jan 2022 19:27

Instrument :

MSVOA_U

ClientSampleId :

C0HK6

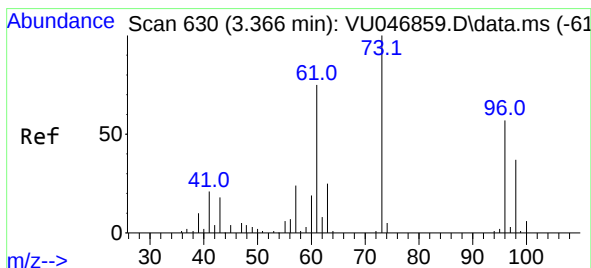
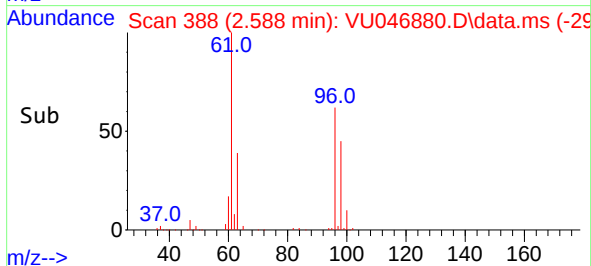
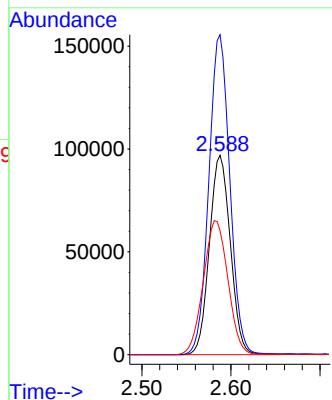
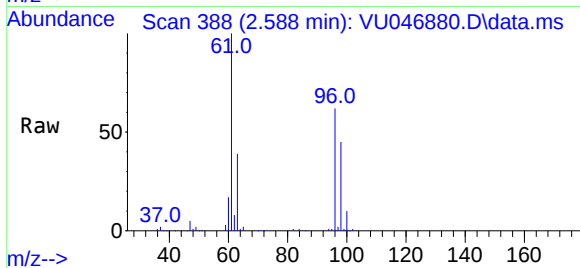
Tgt Ion: 96 Resp: 158177

Ion Ratio Lower Upper

96 100

61 160.6 124.7 231.5

63 62.2 105.2 195.4#



#18

trans-1,2-Dichloroethene

Concen: 0.844 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.006 min

Lab File: VU046880.D

Acq: 27 Jan 2022 19:27

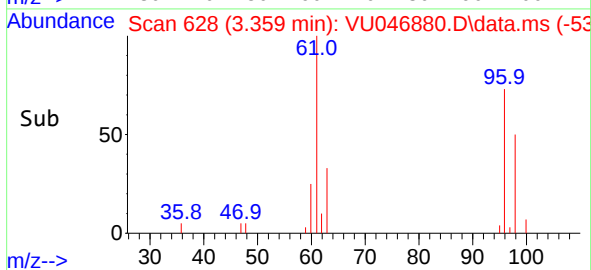
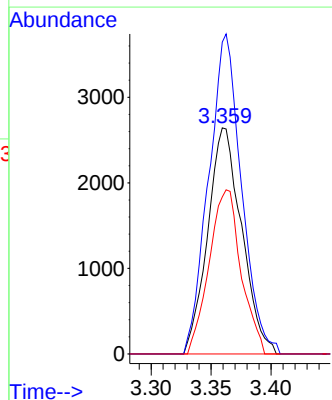
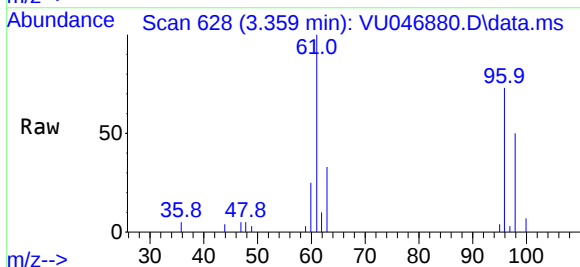
Tgt Ion: 96 Resp: 5205

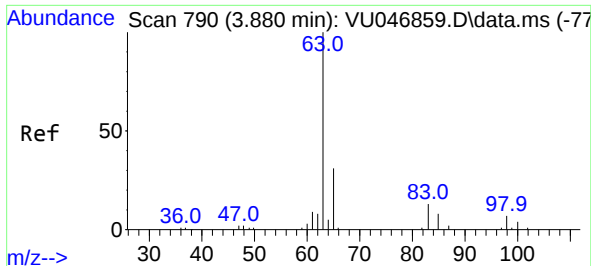
Ion Ratio Lower Upper

96 100

61 137.9 100.8 187.2

98 69.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 6.789 ug/L

RT: 3.874 min Scan# 70

Delta R.T. -0.006 min

Lab File: VU046880.D

Acq: 27 Jan 2022 19:27

Instrument :

MSVOA_U

ClientSampleId :

C0HK6

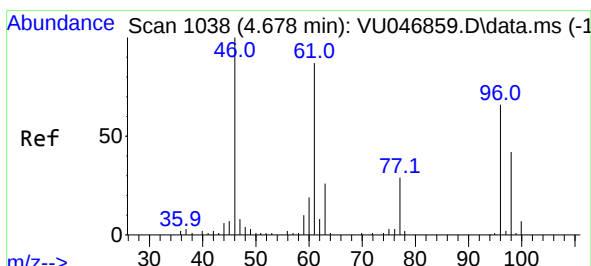
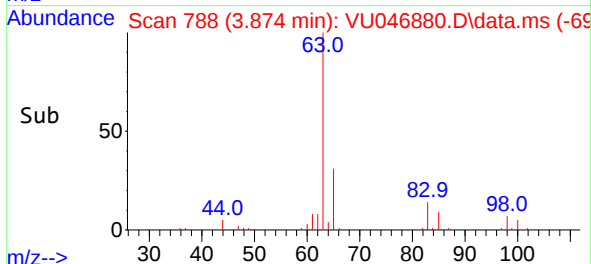
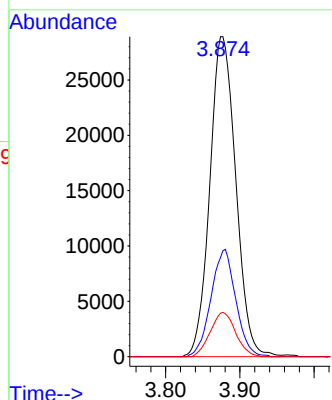
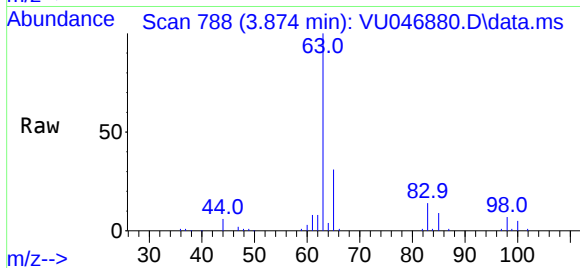
Tgt Ion: 63 Resp: 70270

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 13.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 169.005 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VU046880.D

Acq: 27 Jan 2022 19:27

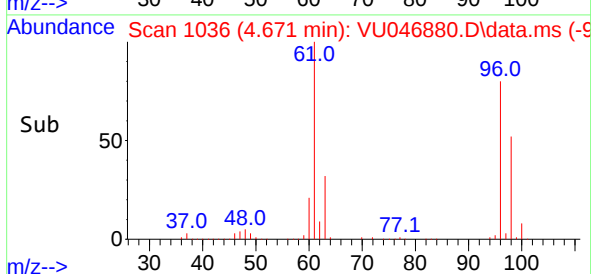
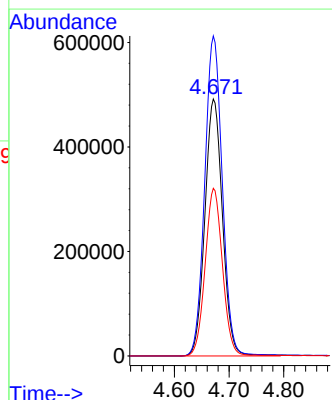
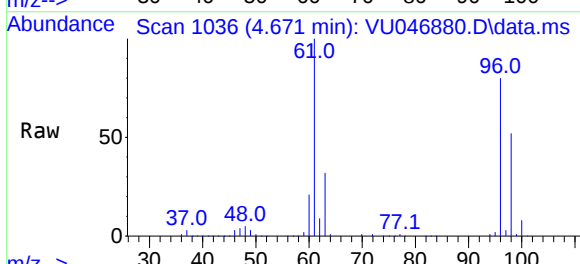
Tgt Ion: 96 Resp: 1099124

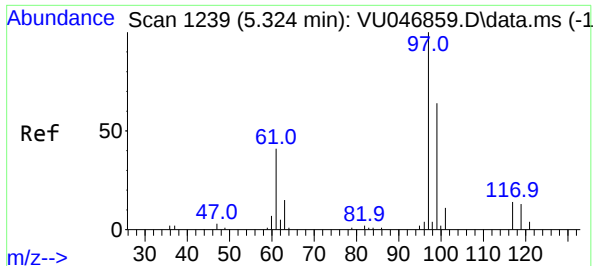
Ion Ratio Lower Upper

96 100

61 124.5 88.5 164.3

98 65.2 44.4 82.5

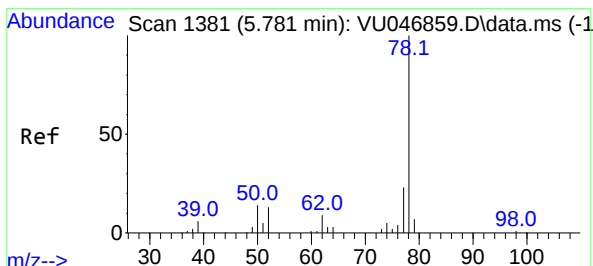
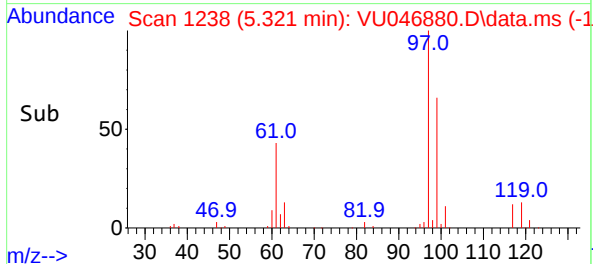
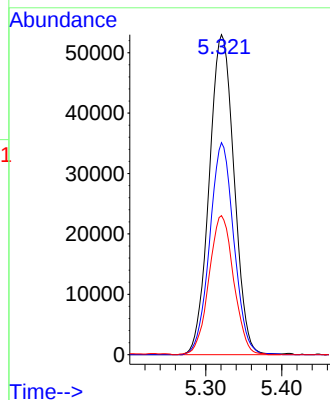
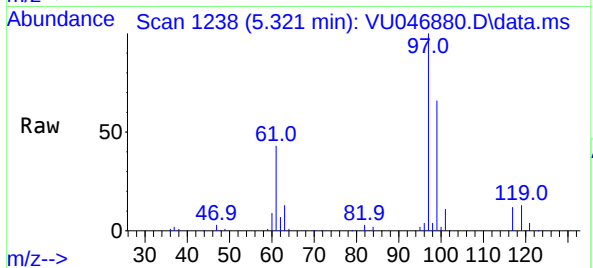




#29
1,1,1-Trichloroethane
Concen: 12.061 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046880.D
Acq: 27 Jan 2022 19:27

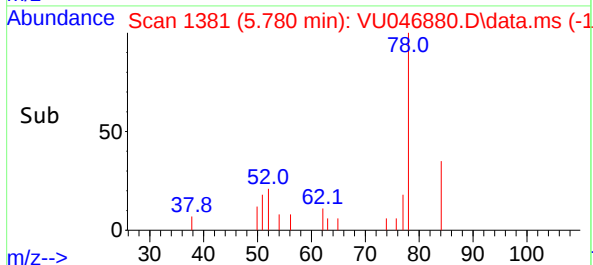
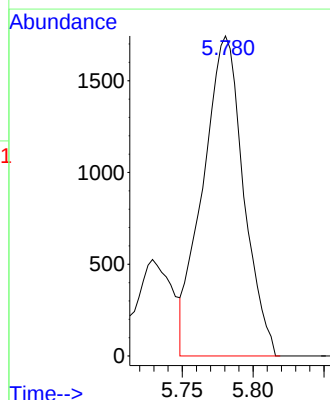
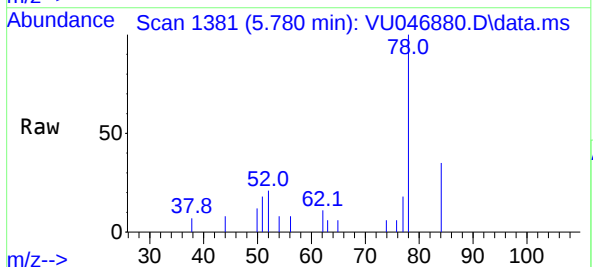
Instrument :
MSVOA_U
ClientSampleId :
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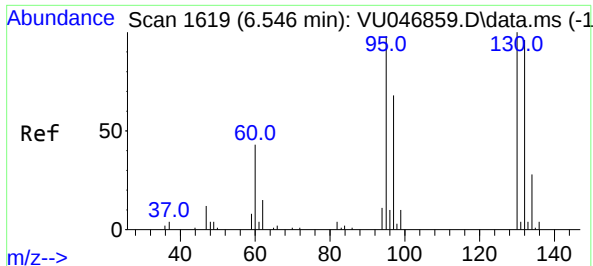
Tgt Ion: 97 Resp: 120317
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 43.2 36.1 54.1



#33
Benzene
Concen: 0.133 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU046880.D
Acq: 27 Jan 2022 19:27

Tgt Ion: 78 Resp: 3474



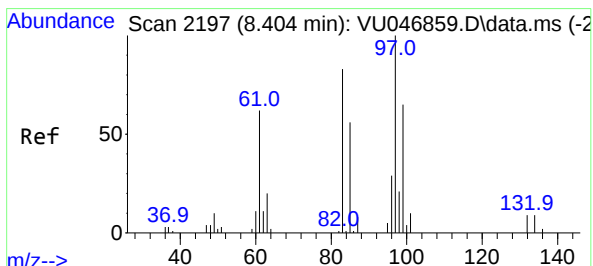
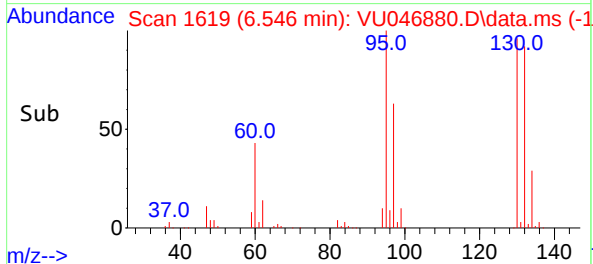
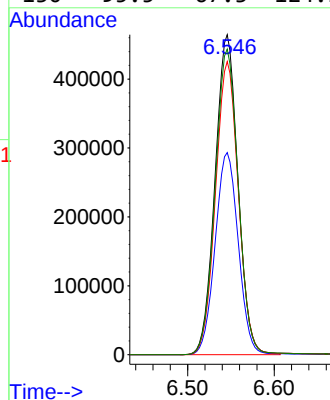
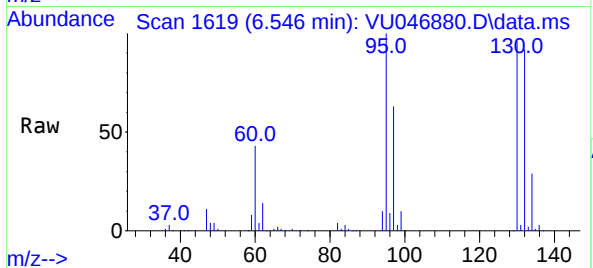


#34
Trichloroethene
Concen: 125.912 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046880.D
Acq: 27 Jan 2022 19:27

Instrument :
MSVOA_U
ClientSampleId :
C0HK6

Tgt Ion: 95 Resp: 852474

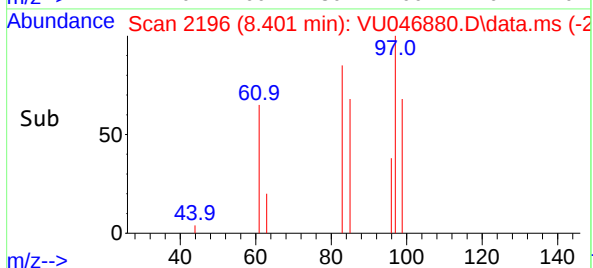
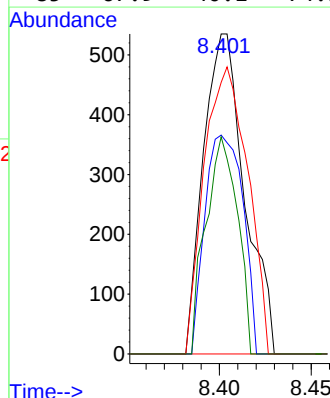
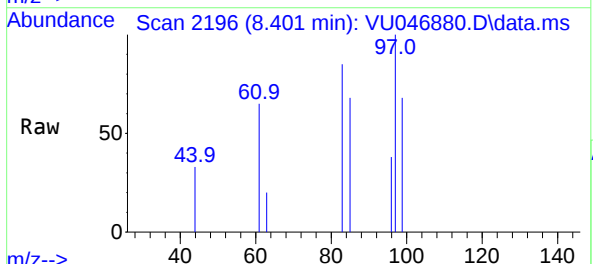
Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.5	86.5
132	91.6	65.1	120.9
130	95.5	67.3	124.9

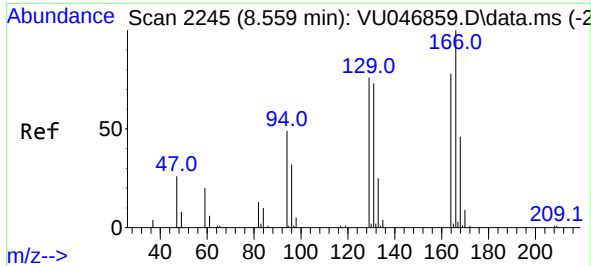


#45
1,1,2-Trichloroethane
Concen: 0.154 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046880.D
Acq: 27 Jan 2022 19:27

Tgt Ion: 97 Resp: 836

Ion	Ratio	Lower	Upper
97	100		
99	68.4	42.3	78.5
83	84.9	62.0	115.2
85	67.9	40.1	74.5

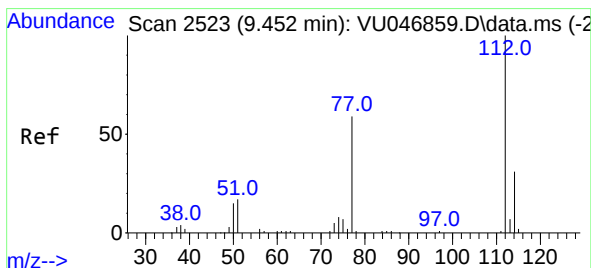
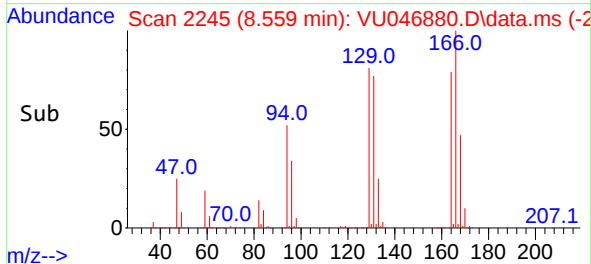
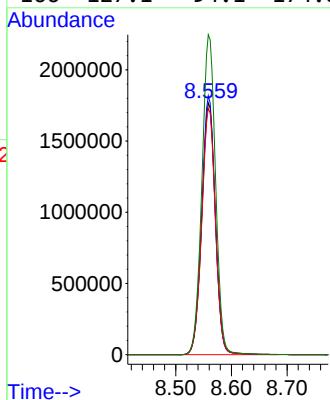
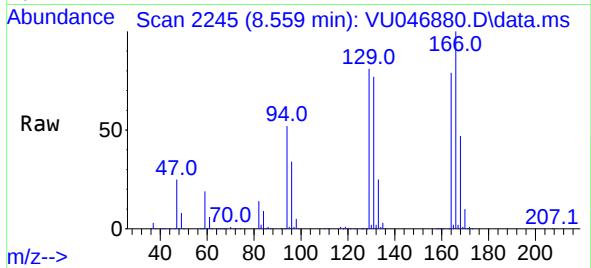




#47
Tetrachloroethene
Concen: 548.601 ug/L
RT: 8.559 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046880.D
Acq: 27 Jan 2022 19:27

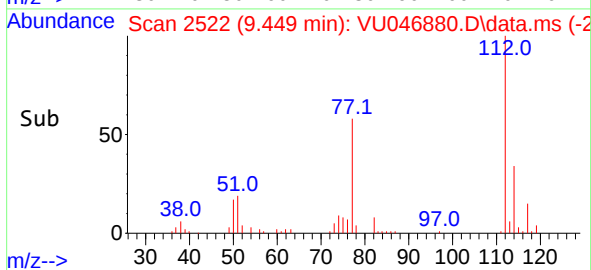
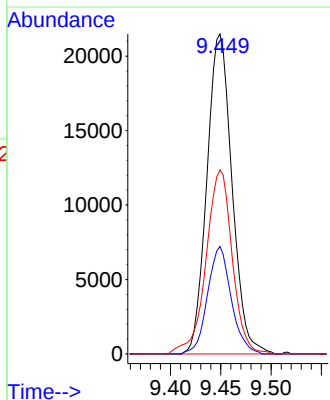
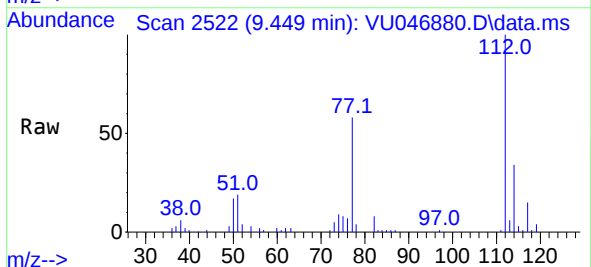
Instrument :
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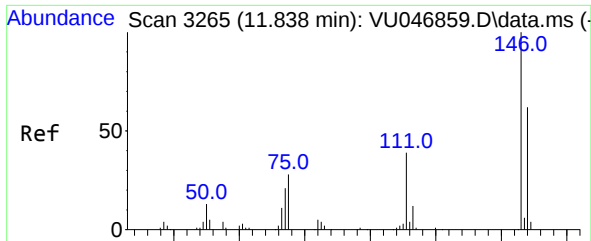
Tgt Ion:164 Resp: 3020820
Ion Ratio Lower Upper
164 100
129 102.8 71.8 133.4
131 97.9 68.5 127.3
166 127.1 94.1 174.8



#51
Chlorobenzene
Concen: 2.066 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU046880.D
Acq: 27 Jan 2022 19:27

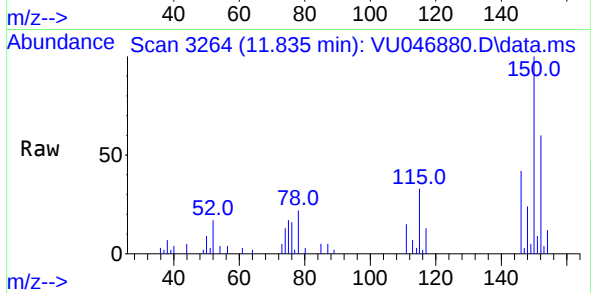
Tgt Ion:112 Resp: 37394
Ion Ratio Lower Upper
112 100
114 33.6 22.1 41.1
77 57.5 48.3 72.5





#65
 1,4-Dichlorobenzene
 Concen: 0.328 ug/L
 RT: 11.835 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU046880.D
 Acq: 27 Jan 2022 19:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK6



Tgt Ion:146 Resp: 3993

Ion	Ratio	Lower	Upper
146	100		
111	36.6	28.7	53.3
148	57.2	45.8	85.0

