

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043466.D
 Acq On : 30 Apr 2021 11:15
 Operator : SY/MD
 Sample : M2194-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 13:31:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

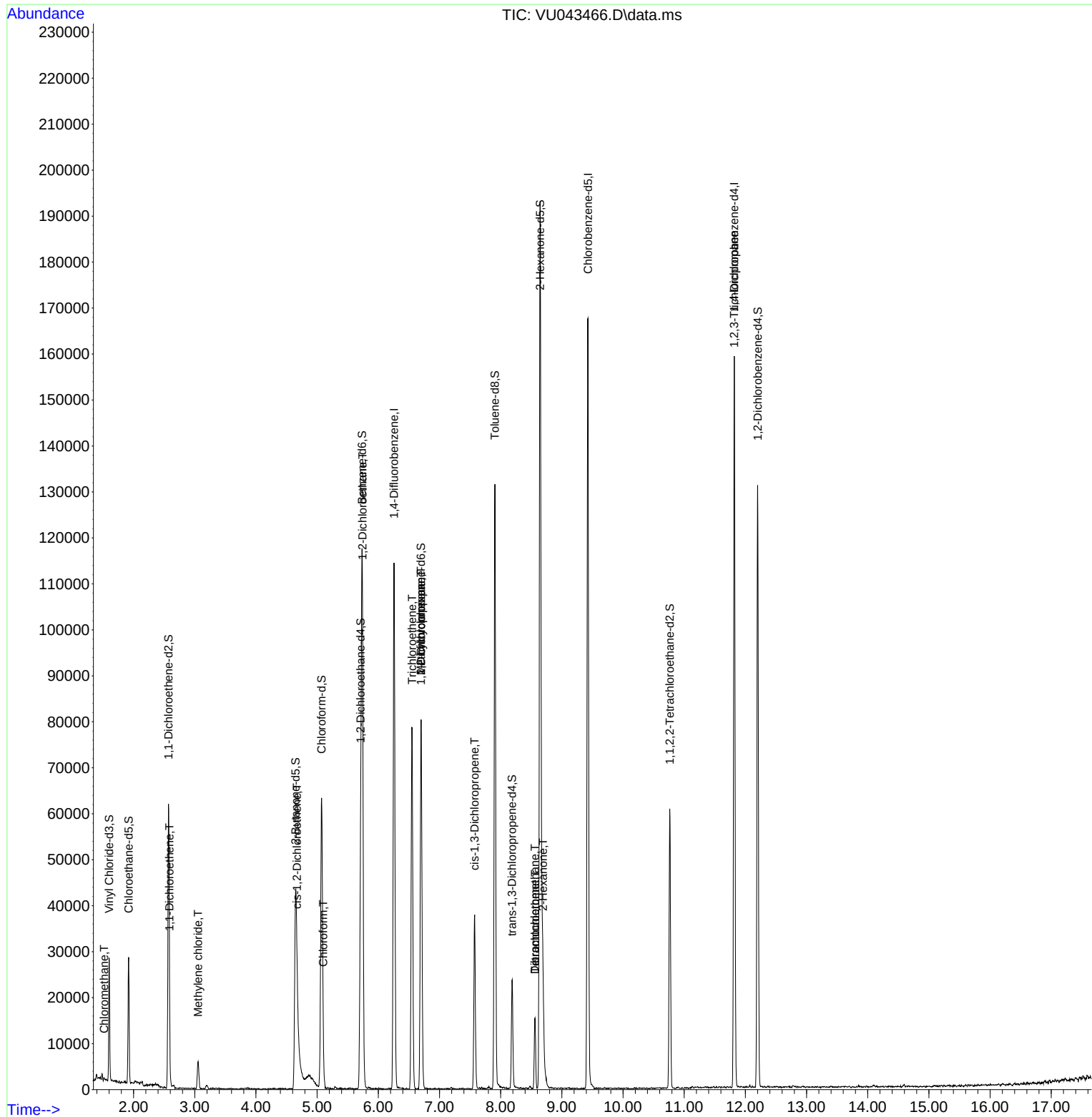
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	83158	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	84620	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38504	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17677	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.919	69	18109	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.572	65	11726	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.649	46	95061	51.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	5.073	84	55186	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.713	65	34876	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.735	84	96288	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	35278	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.906	98	79502	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloroprop...	8.186	79	12501	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.645	63	68151	47.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.72%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29570	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	31342	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	561	0.11	ug/L	83
12) 1,1-Dichloroethene	2.588	96	652	0.14	ug/L	# 1
16) Methylene chloride	3.054	84	2628	0.44	ug/L	# 75
22) cis-1,2-Dichloroethene	4.671	96	1091	0.19	ug/L	# 64
25) Chloroform	5.099	83	2443	0.21	ug/L	93
27) 1,2-Dichloroethane	5.742	62	700	0.08	ug/L	# 74
34) Trichloroethene	6.552	95	25385	4.07	ug/L	94
35) Methylcyclohexane	6.700	83	7865	0.91	ug/L	# 24
37) 1,2-Dichloropropane	6.697	63	4148	0.65	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	1000	0.11	ug/L	# 62
47) Tetrachloroethene	8.562	164	3193	0.65	ug/L	90
48) 2-Hexanone	8.690	43	6843	1.63	ug/L	# 70
49) Dibromochloromethane	8.559	129	3064	0.51	ug/L	# 9
61) 1,2,3-Trichloropropane	11.816	75	5241	1.32	ug/L	# 64

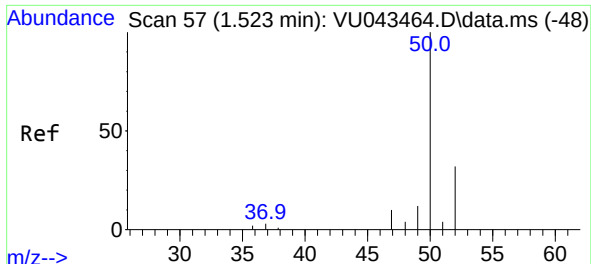
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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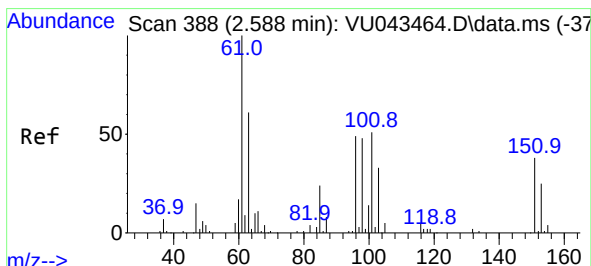
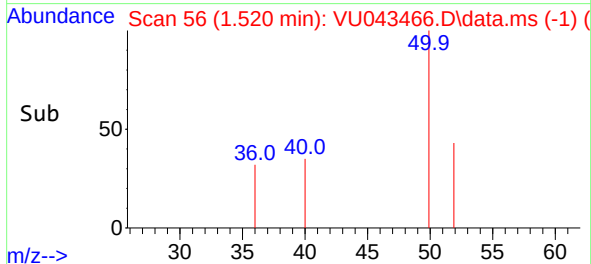
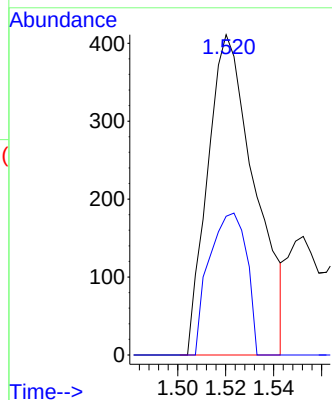
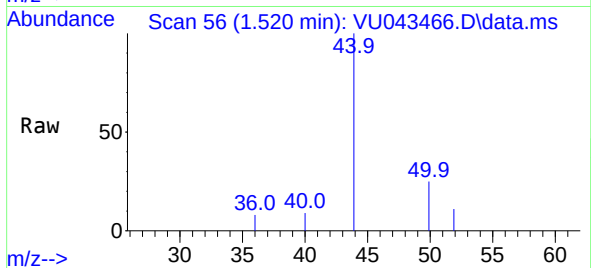




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

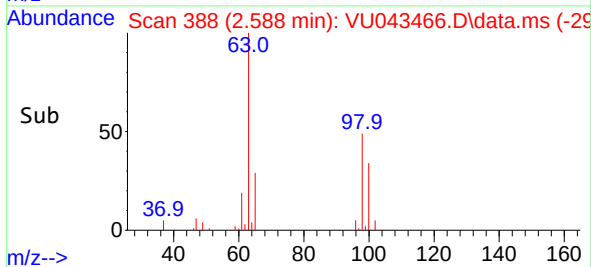
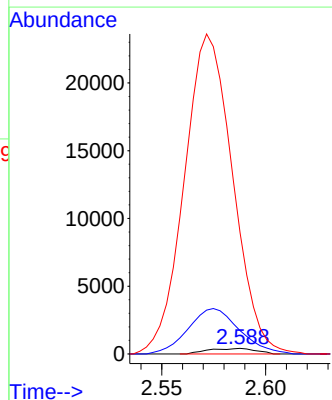
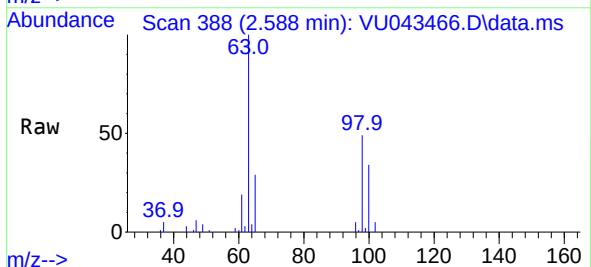
Instrument :
MSVOA_U
ClientSampleId :

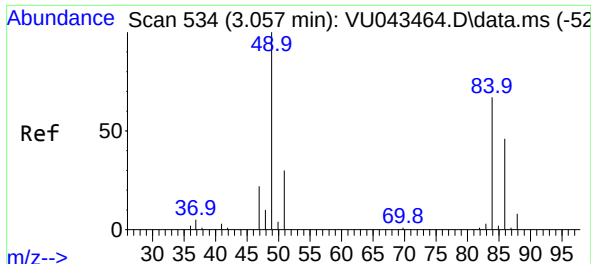
Tgt Ion: 50 Resp: 561
Ion Ratio Lower Upper
50 100
52 43.3 23.6 43.8



#12
1,1-Dichloroethene
Concen: 0.14 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

Tgt Ion: 96 Resp: 652
Ion Ratio Lower Upper
96 100
61 418.9 115.1 213.7#
63 2175.5 84.1 156.1#

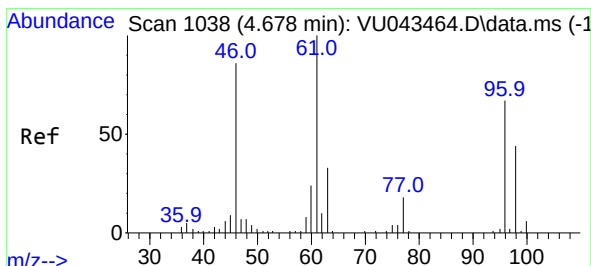
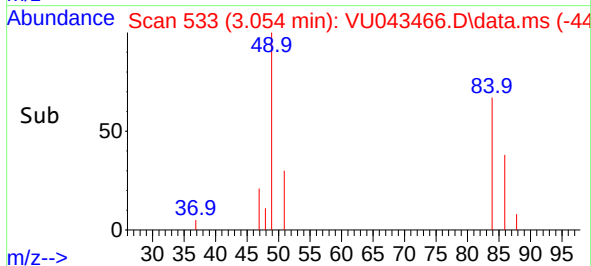
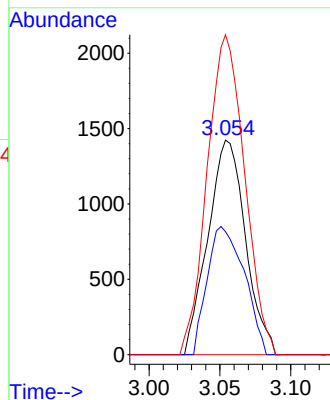
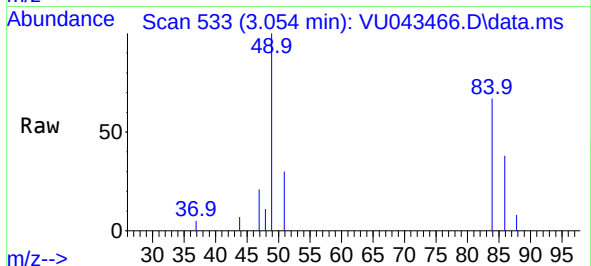




#16
Methylene chloride
Concen: 0.44 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

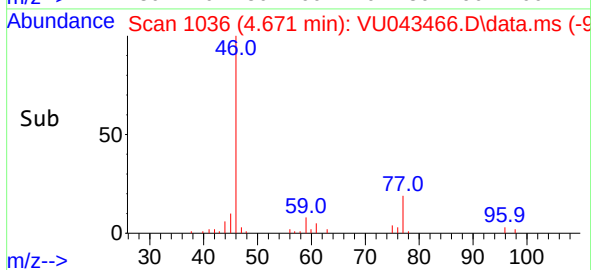
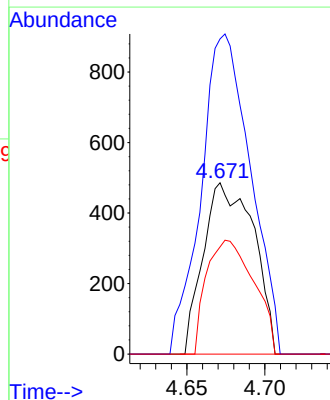
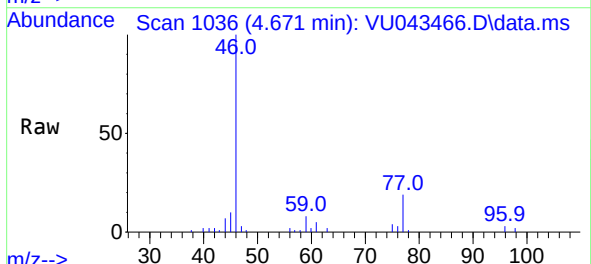
Instrument :
MSVOA_U
ClientSampleId :

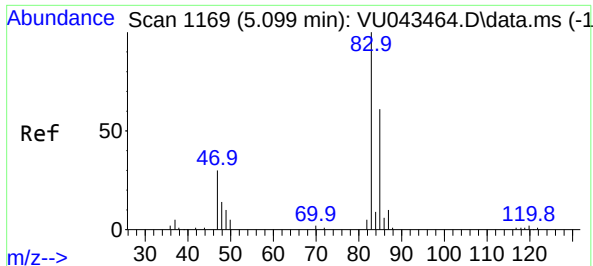
Tgt Ion: 84 Resp: 2628
Ion Ratio Lower Upper
84 100
86 57.3 44.9 83.5
49 149.2 79.0 146.8#



#22
cis-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

Tgt Ion: 96 Resp: 1091
Ion Ratio Lower Upper
96 100
61 184.0 87.4 162.4#
98 62.6 47.7 88.5



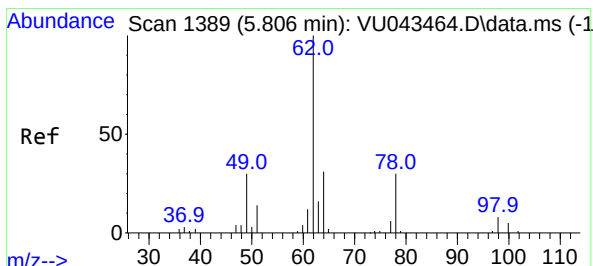
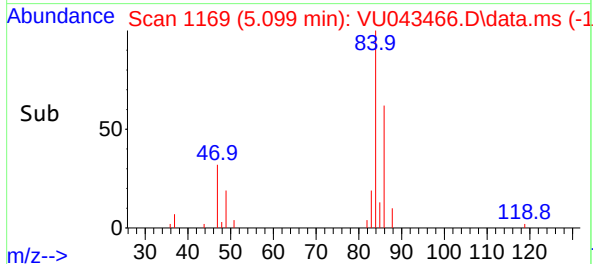
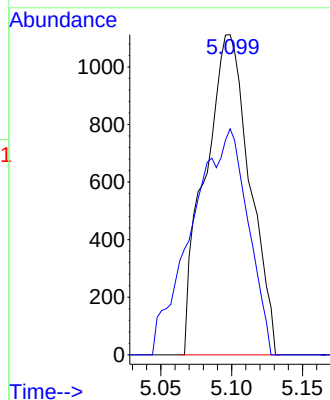
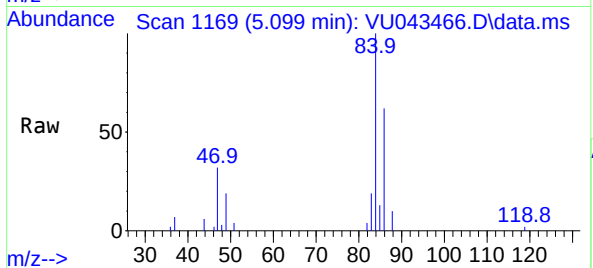


#25

Chloroform
Concen: 0.21 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampled :

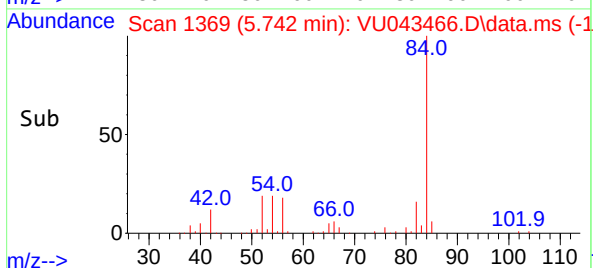
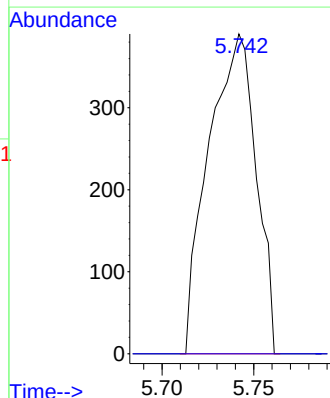
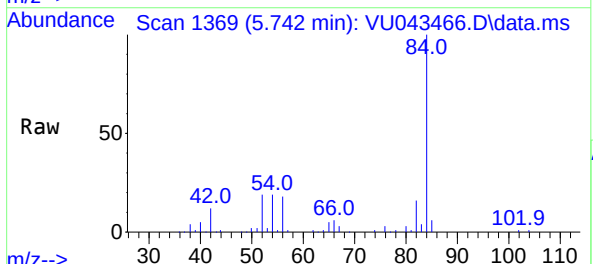
Tgt Ion: 83 Resp: 2443
Ion Ratio Lower Upper
83 100
85 70.6 45.6 84.8

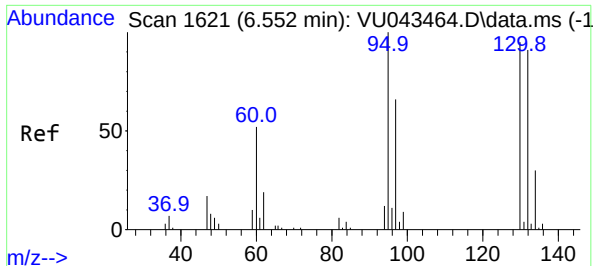


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

Tgt Ion: 62 Resp: 700
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 4.07 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043466.D

Acq: 30 Apr 2021 11:15

Tgt Ion: 95 Resp: 25385

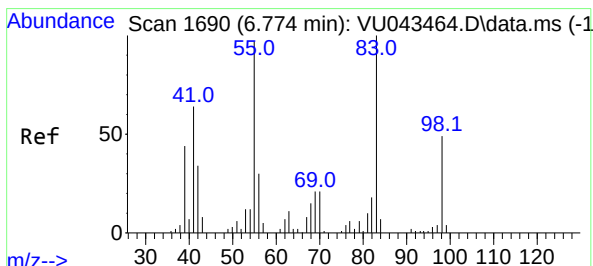
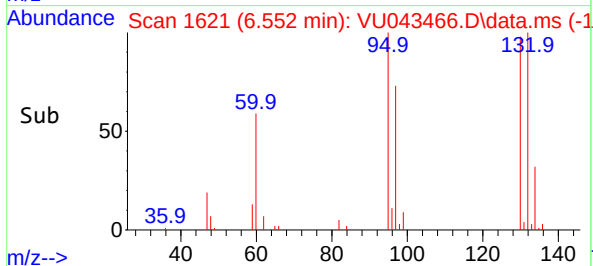
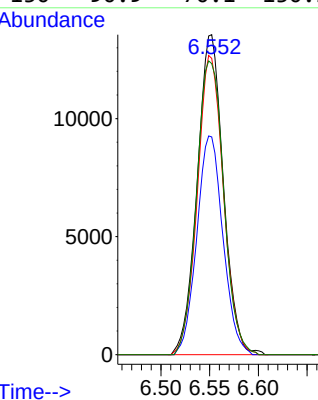
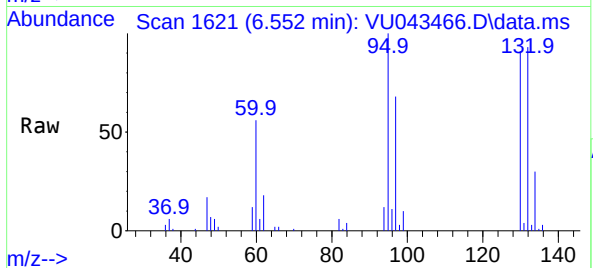
Ion Ratio Lower Upper

95 100

97 68.0 45.8 85.2

132 92.6 68.7 127.7

130 90.9 70.1 130.3



#35

Methylcyclohexane

Concen: 0.91 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU043466.D

Acq: 30 Apr 2021 11:15

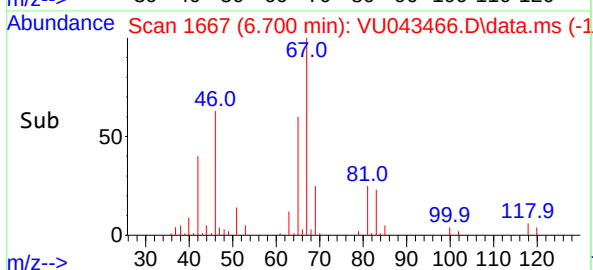
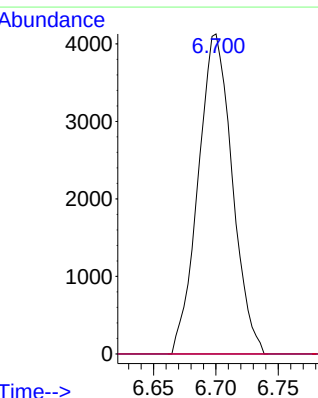
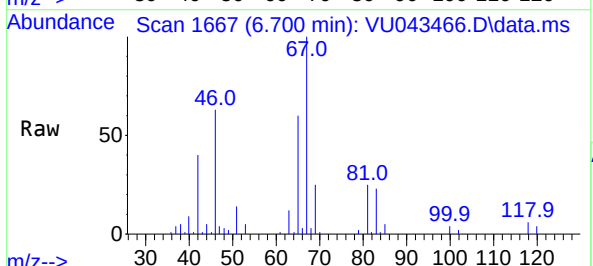
Tgt Ion: 83 Resp: 7865

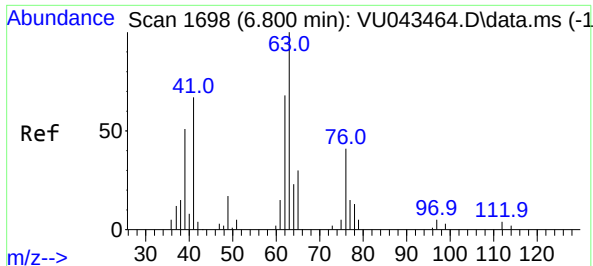
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 8.4 37.9 56.9#

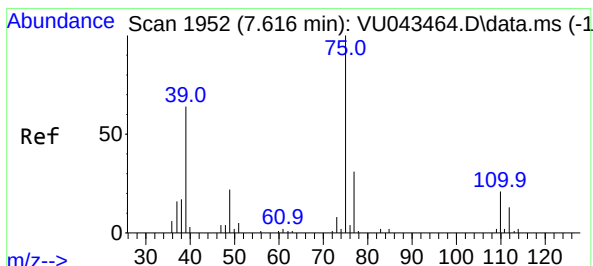
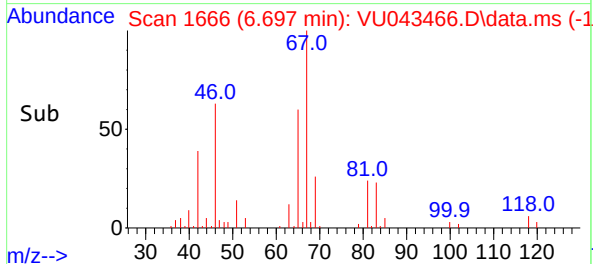
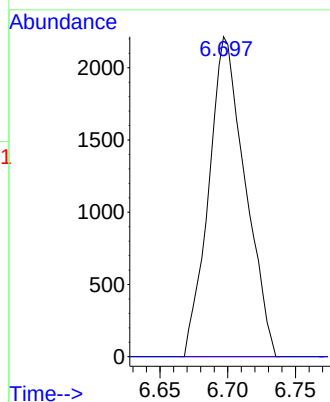
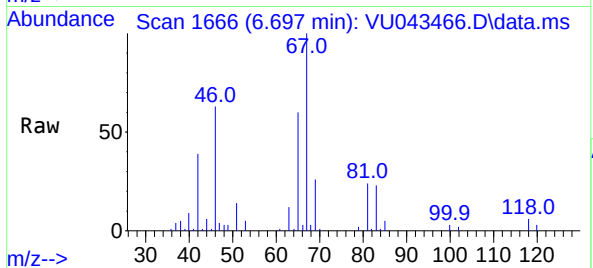




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

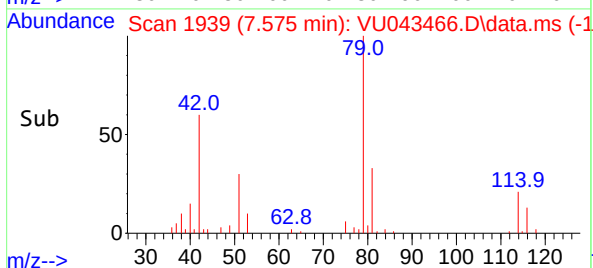
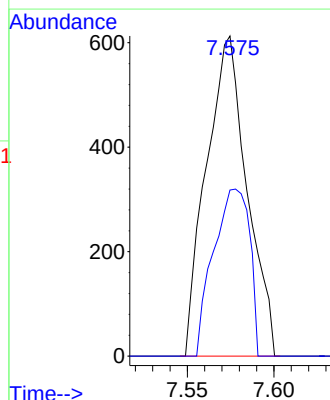
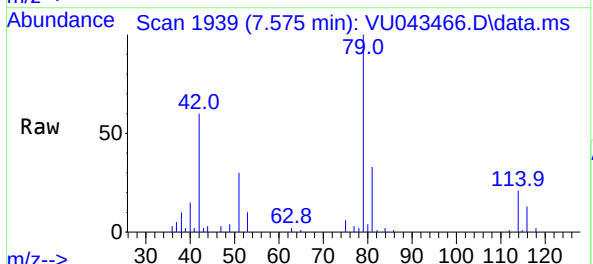
Instrument :
MSVOA_U
ClientSampleId :

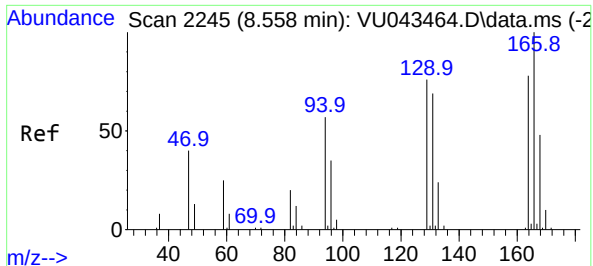
Tgt Ion: 63 Resp: 4148
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

Tgt Ion: 75 Resp: 1000
Ion Ratio Lower Upper
75 100
77 51.9 21.8 40.6#



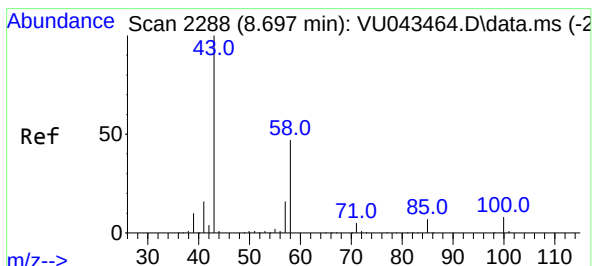
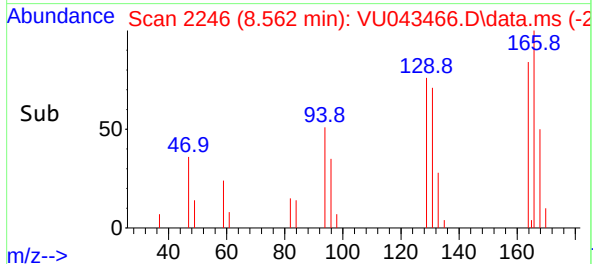
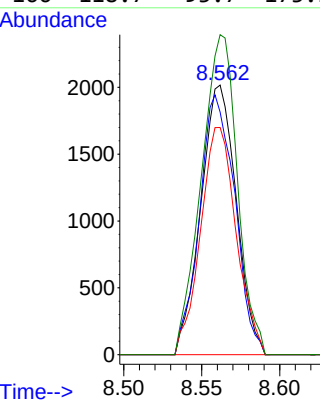
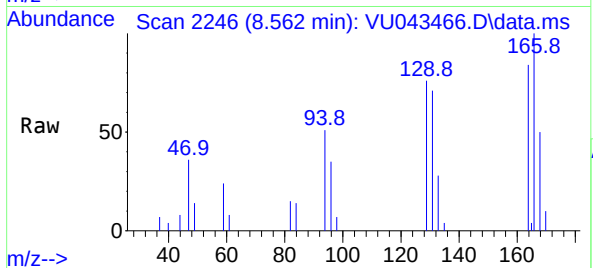


#47
Tetrachloroethene
Concen: 0.65 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 3193

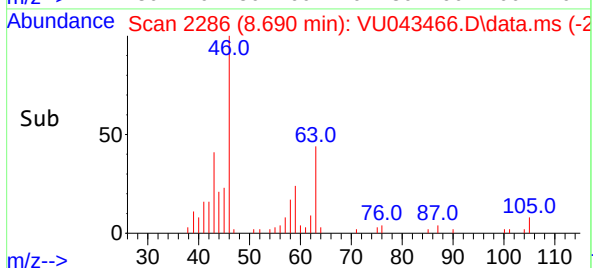
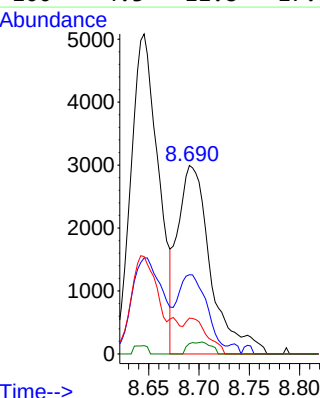
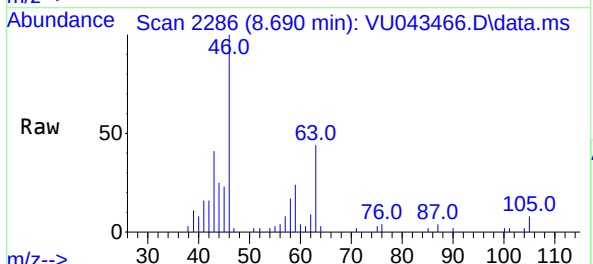
Ion	Ratio	Lower	Upper
164	100		
129	90.0	66.6	123.8
131	84.3	65.9	122.3
166	118.7	93.7	173.9

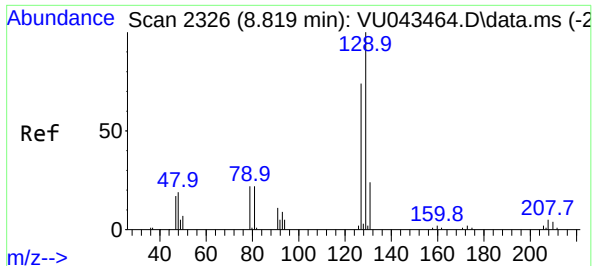


#48
2-Hexanone
Concen: 1.63 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043466.D
Acq: 30 Apr 2021 11:15

Tgt Ion: 43 Resp: 6843

Ion	Ratio	Lower	Upper
43	100		
58	36.2	50.0	75.0#
57	12.3	17.4	26.0#
100	4.3	11.8	17.8#





#49

Dibromochloromethane

Concen: 0.51 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043466.D

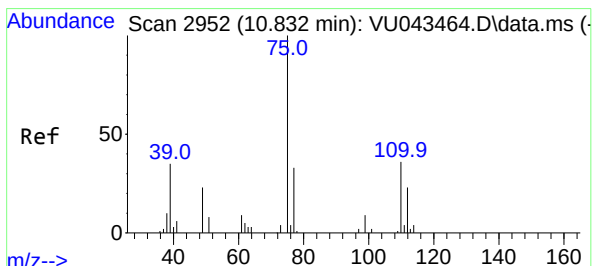
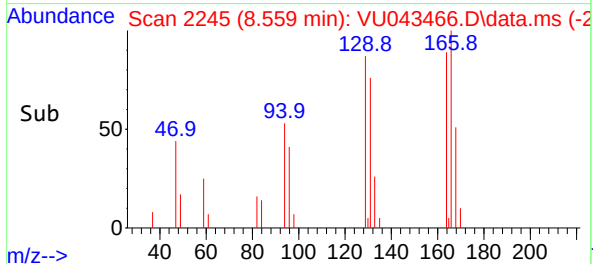
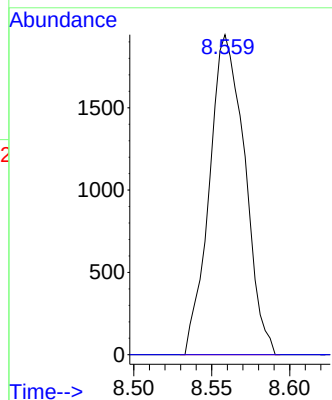
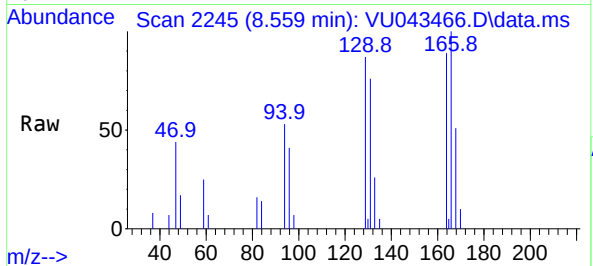
Acq: 30 Apr 2021 11:15

Tgt Ion:129 Resp: 3064

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.32 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.984 min

Lab File: VU043466.D

Acq: 30 Apr 2021 11:15

Tgt Ion: 75 Resp: 5241

Ion Ratio Lower Upper

75 100

110 0.0 31.5 47.3#

77 33.7 26.3 39.5

