

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043543.D
 Acq On : 05 May 2021 09:09
 Operator : SY/MD
 Sample : M2195-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 13:04:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	93366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	95618	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	43711	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28499	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.919	69	22495	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.575	65	13817	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.645	46	111174	47.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.40%
24) Chloroform-d	5.073	84	62184	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.713	65	36216	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.739	84	103539	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.700	67	37817	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.906	98	84820	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloroprop...	8.189	79	14404	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.645	63	67266	43.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.66%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29514	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	32481	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

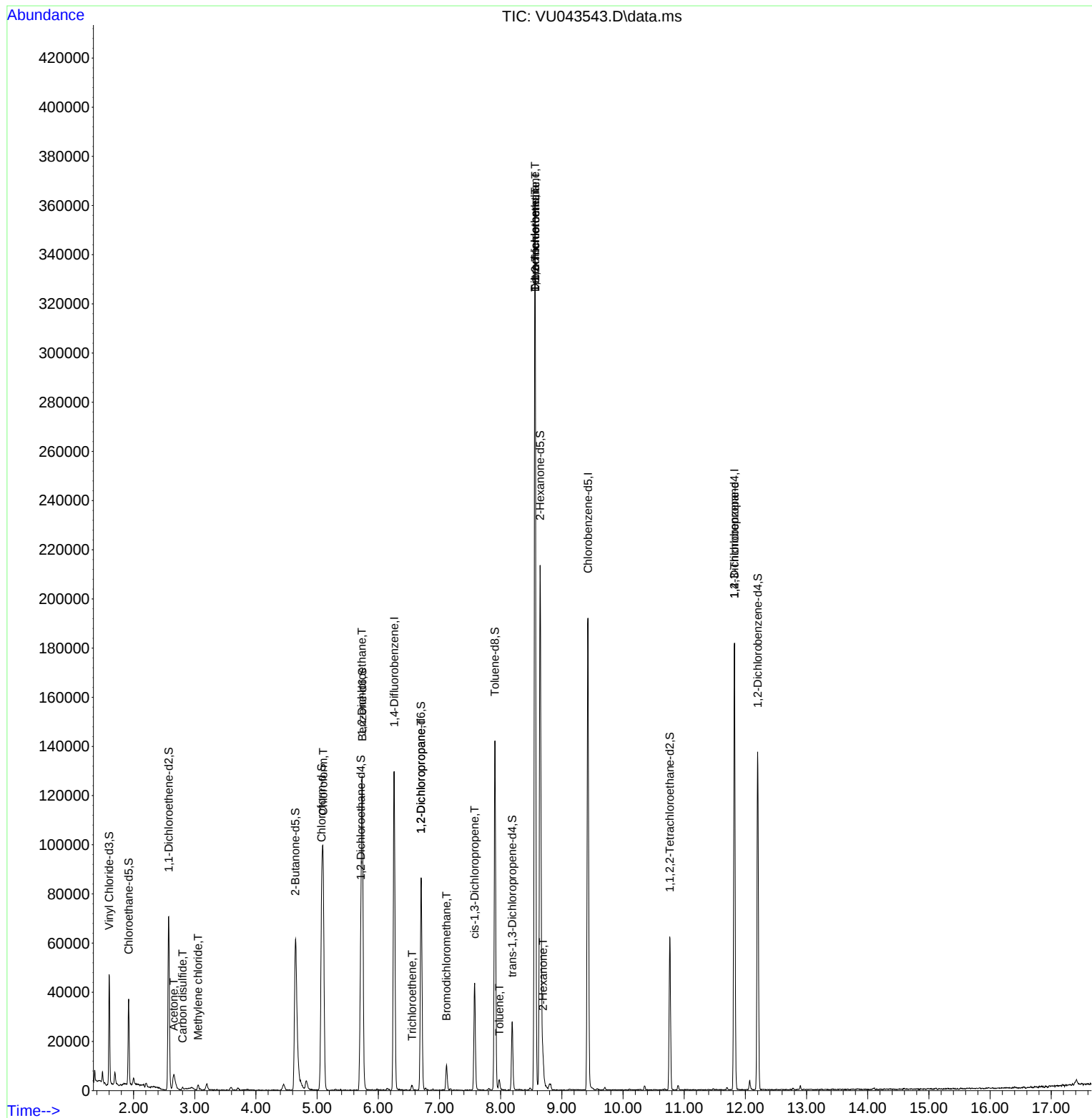
Target Compounds				Qvalue		
13) Acetone	2.655	43	12825	8.25	ug/L	98
14) Carbon disulfide	2.800	76	1083	0.08	ug/L #	74
16) Methylene chloride	3.054	84	939	0.11	ug/L #	68
25) Chloroform	5.099	83	65397	4.75	ug/L	99
27) 1,2-Dichloroethane	5.732	62	709	0.08	ug/L #	78
34) Trichloroethene	6.552	95	751	0.12	ug/L	80
37) 1,2-Dichloropropane	6.700	63	4593	0.61	ug/L #	90
38) Bromodichloromethane	7.115	83	6220	0.64	ug/L	100
39) cis-1,3-Dichloropropene	7.575	75	1024	0.10	ug/L #	62
42) Toluene	7.980	91	2737	0.10	ug/L	94
45) 1,1,2-Trichloroethane	8.565	97	679	0.13	ug/L #	19
47) Tetrachloroethene	8.562	164	72591	15.32	ug/L	98
48) 2-Hexanone	8.694	43	4605	1.01	ug/L #	86
49) Dibromochloromethane	8.562	129	69532	11.07	ug/L #	12
61) 1,2,3-Trichloropropane	11.822	75	6533	1.48	ug/L #	67

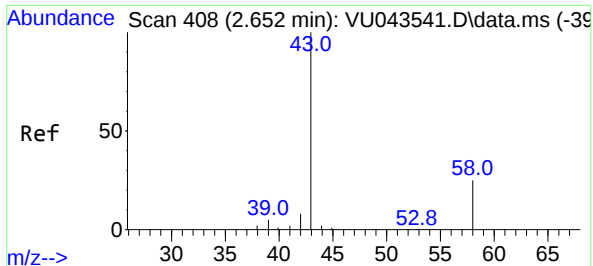
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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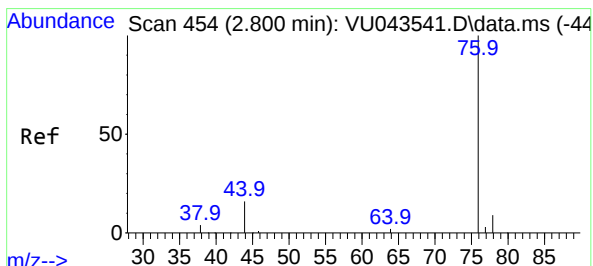
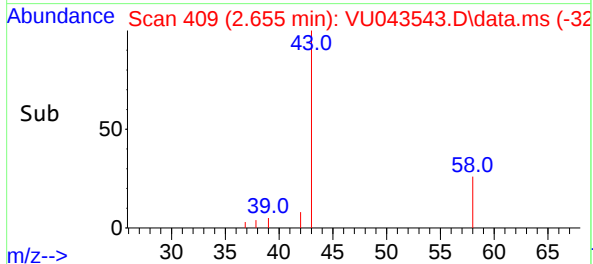
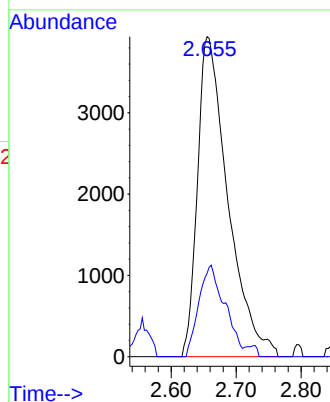
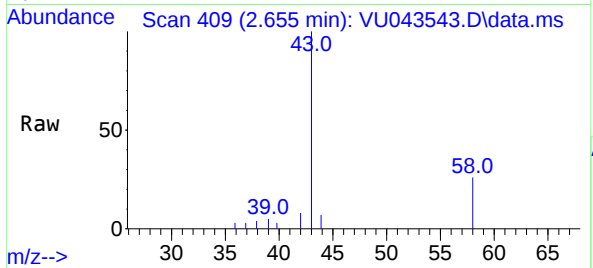




#13
Acetone
Concen: 8.25 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.013 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

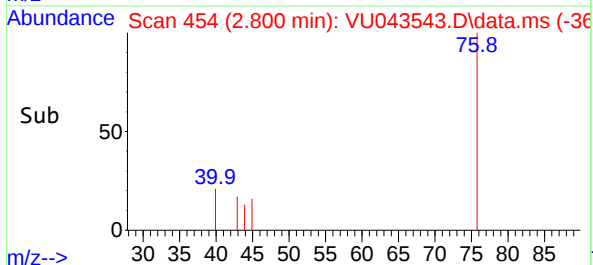
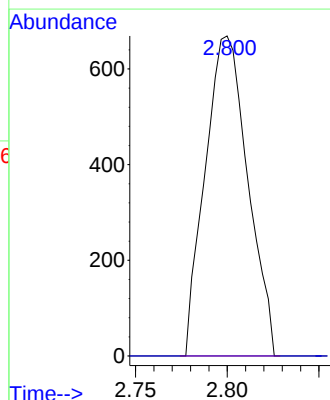
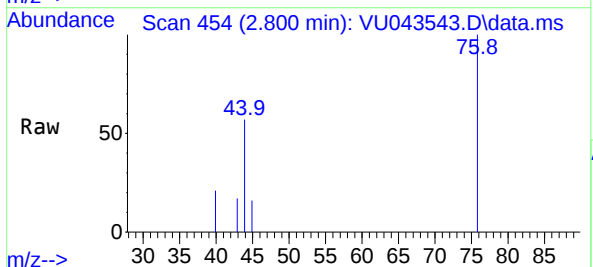
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MSVOA_U
ClientSampleId :

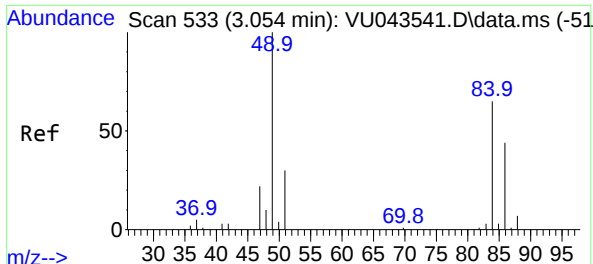
Tgt Ion: 43 Resp: 12825
Ion Ratio Lower Upper
43 100
58 24.4 0.0 50.8



#14
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

Tgt Ion: 76 Resp: 1083
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

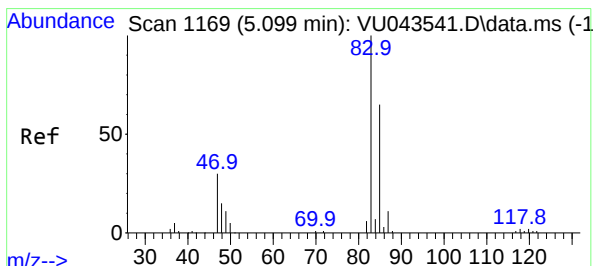
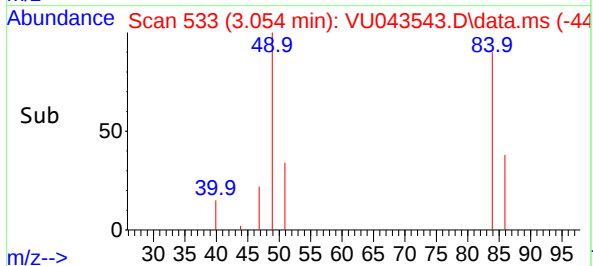
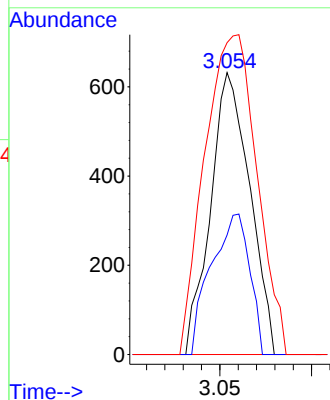
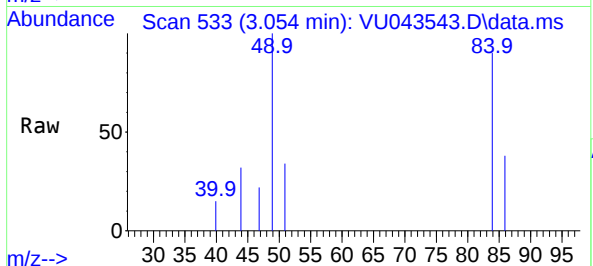




#16
Methylene chloride
Concen: 0.11 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

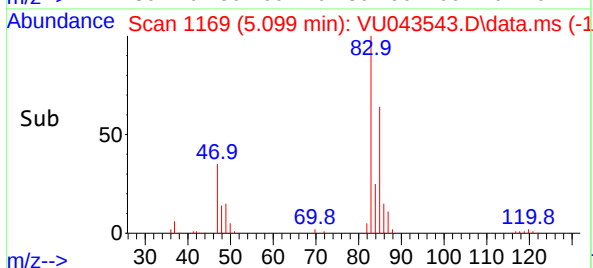
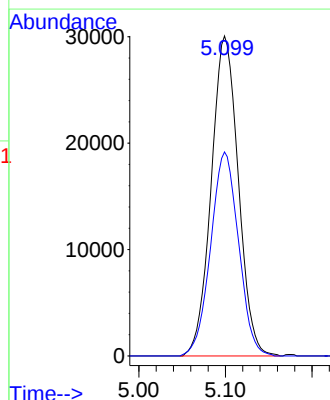
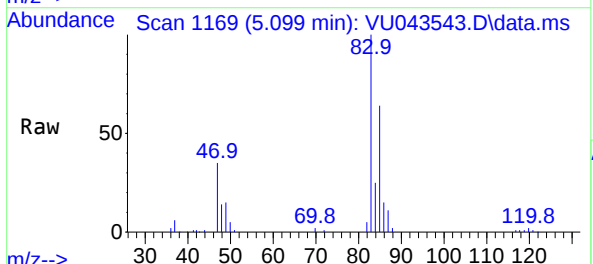
Instrument :
MSVOA_U
ClientSampled :

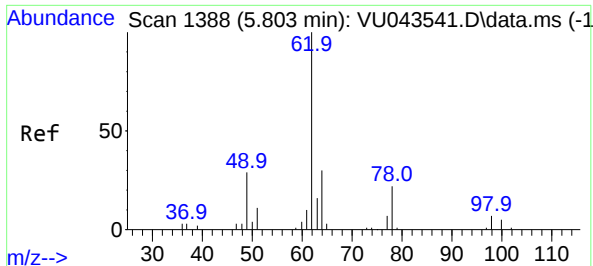
Tgt Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
86 42.4 45.6 84.6#
49 110.6 107.0 198.8



#25
Chloroform
Concen: 4.75 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

Tgt Ion: 83 Resp: 65397
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.9

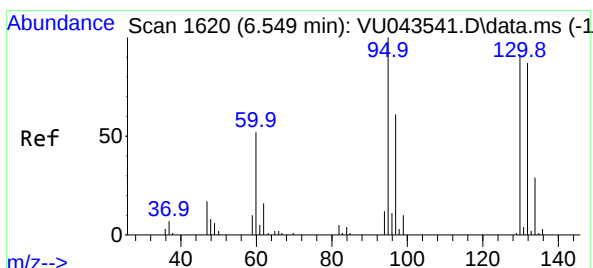
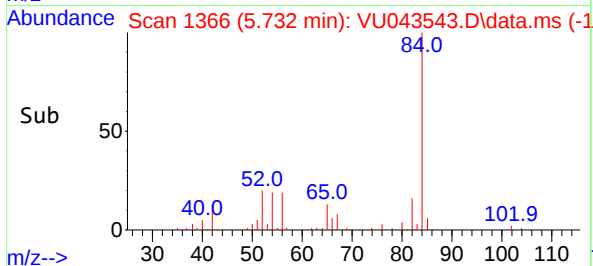
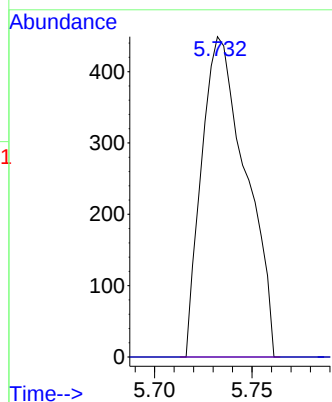
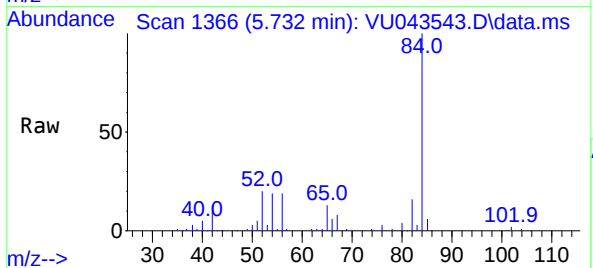




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

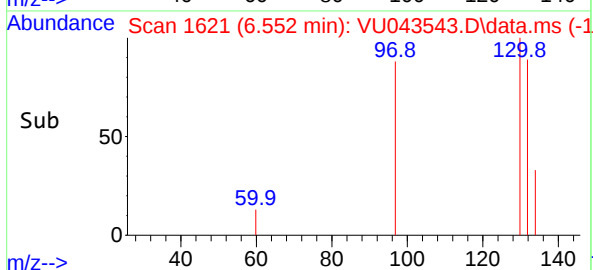
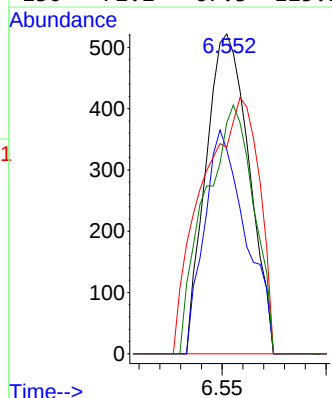
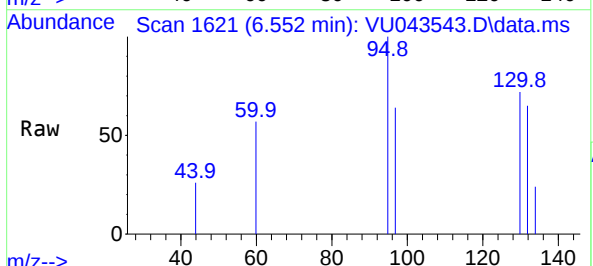
Instrument :
MSVOA_U
ClientSampled :

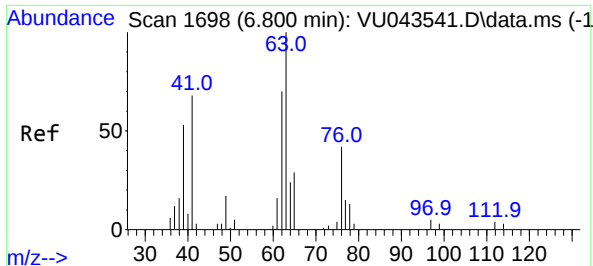
Tgt Ion: 62 Resp: 709
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#34
Trichloroethene
Concen: 0.12 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

Tgt Ion: 95 Resp: 751
Ion Ratio Lower Upper
95 100
97 63.8 46.5 86.5
132 64.6 64.1 119.1
130 72.2 67.3 125.1

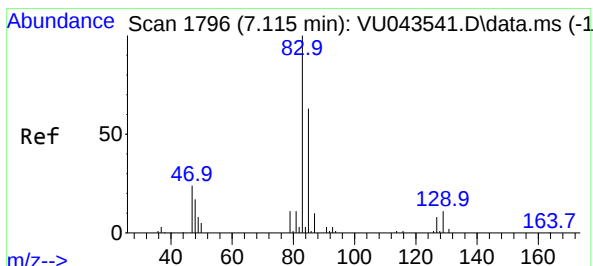
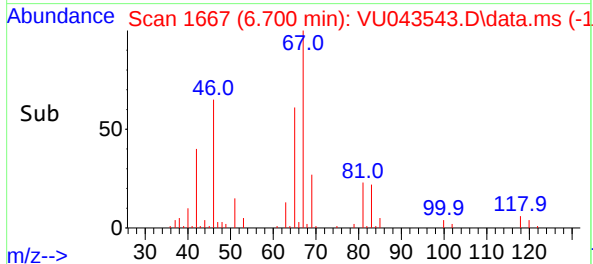
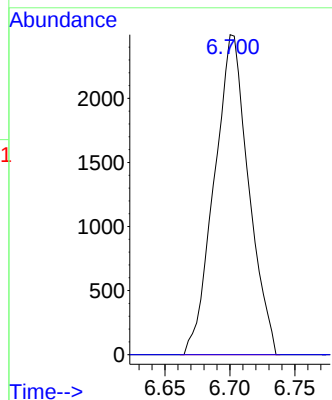
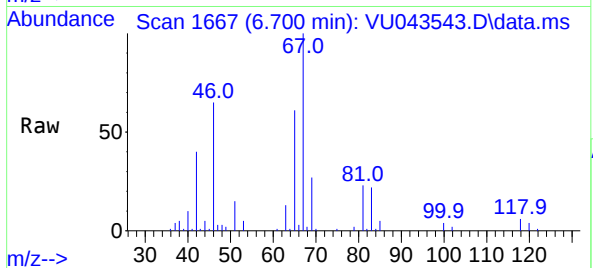




#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

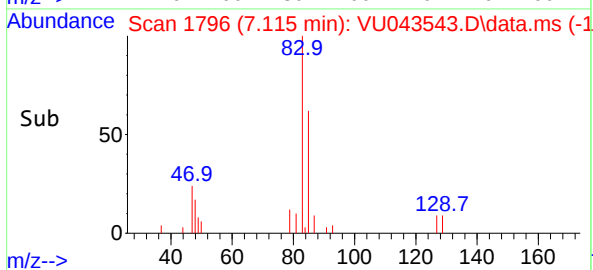
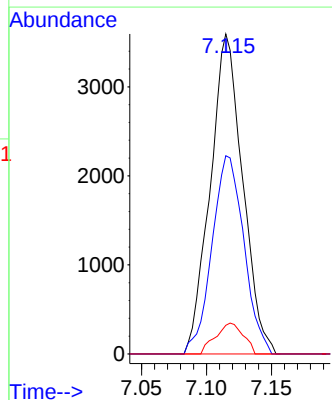
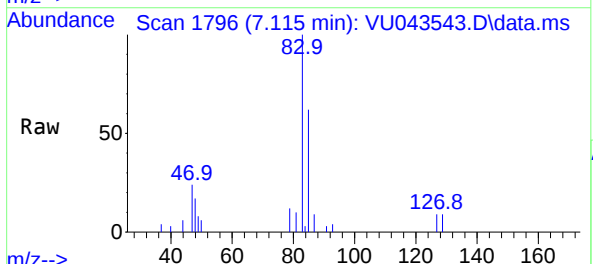
Instrument :
MSVOA_U
ClientSampled :

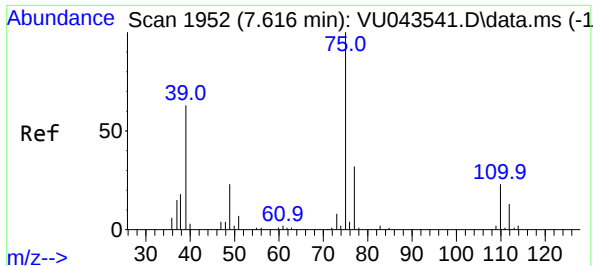
Tgt Ion: 63 Resp: 4593
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 0.64 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

Tgt Ion: 83 Resp: 6220
Ion Ratio Lower Upper
83 100
85 62.0 43.3 80.5
127 9.0 6.2 9.4



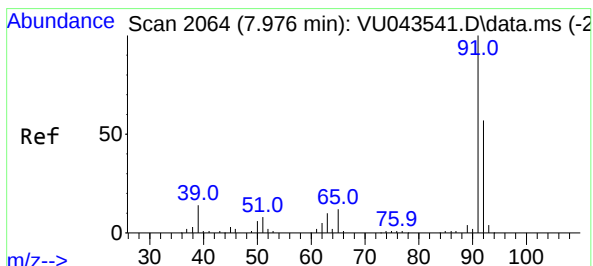
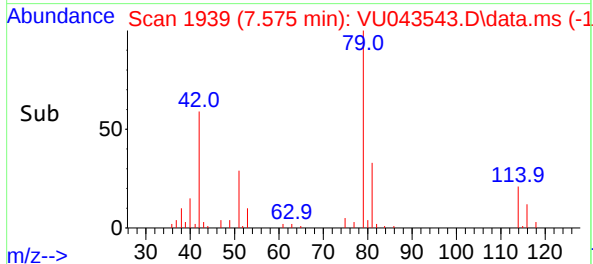
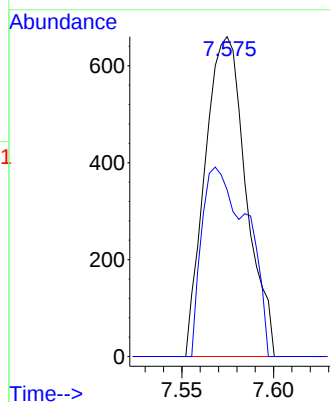
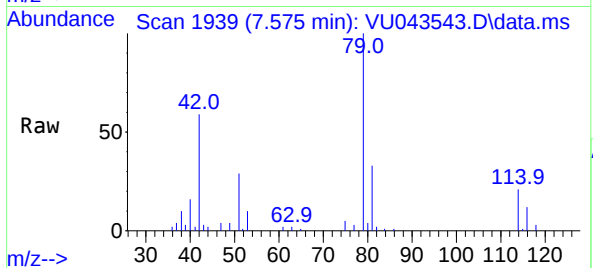


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

Instrument :
MSVOA_U
ClientSampled :

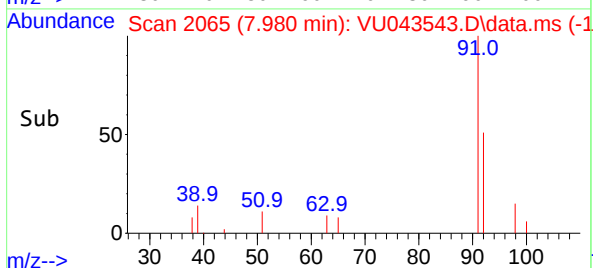
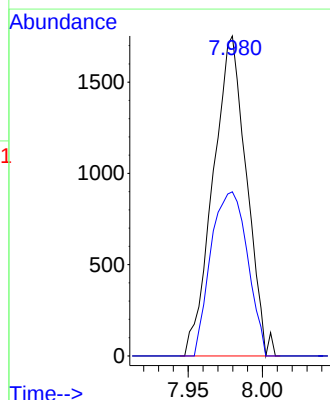
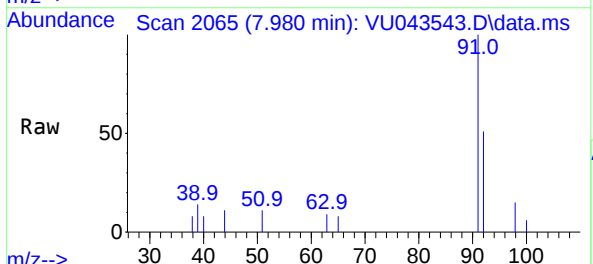
Tgt Ion: 75 Resp: 1024
Ion Ratio Lower Upper
75 100
77 52.1 21.9 40.7#

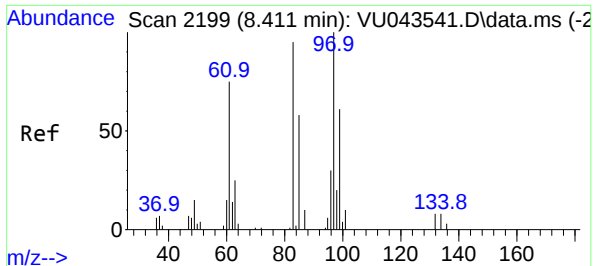


#42

Toluene
Concen: 0.10 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

Tgt Ion: 91 Resp: 2737
Ion Ratio Lower Upper
91 100
92 51.3 39.1 72.5





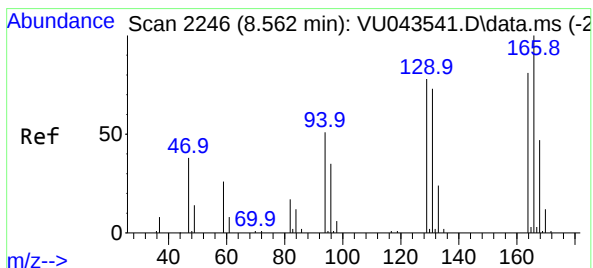
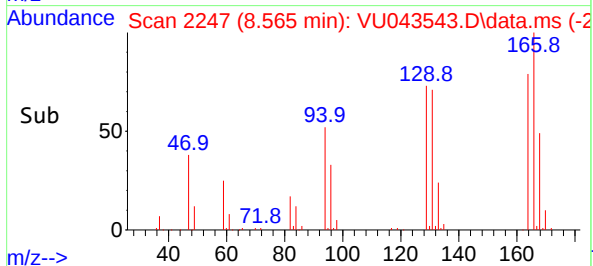
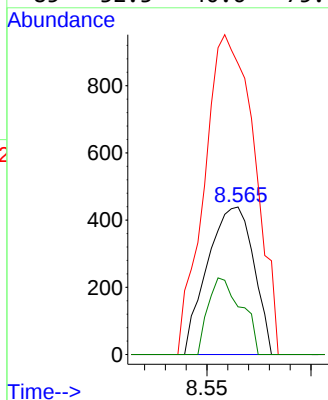
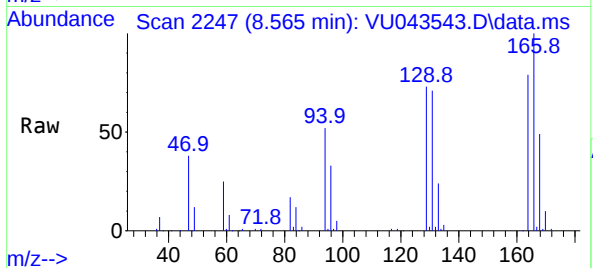
#45

1,1,2-Trichloroethane
Concen: 0.13 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.158 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 97 Resp: 679

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.6	79.0#
83	197.3	64.1	119.1#
85	32.3	40.6	75.4#

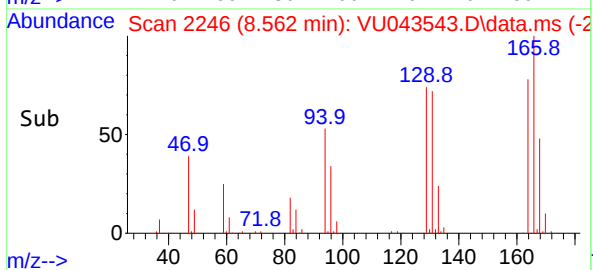
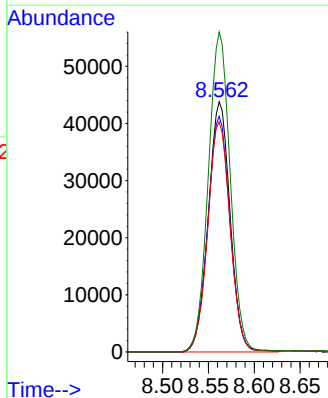
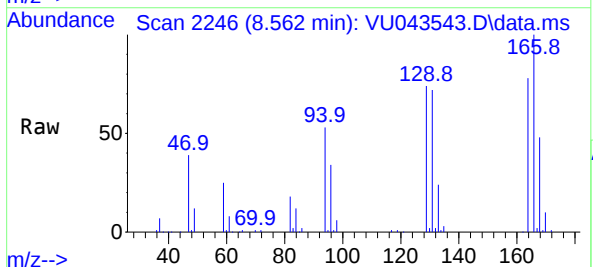


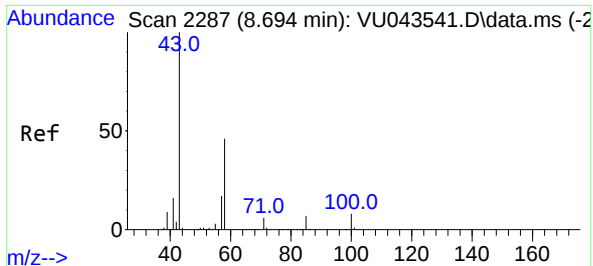
#47

Tetrachloroethene
Concen: 15.32 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

Tgt Ion: 164 Resp: 72591

Ion	Ratio	Lower	Upper
164	100		
129	94.1	62.5	116.1
131	91.9	64.9	120.5
166	127.9	89.0	165.2

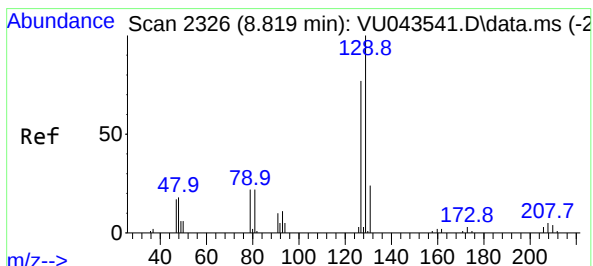
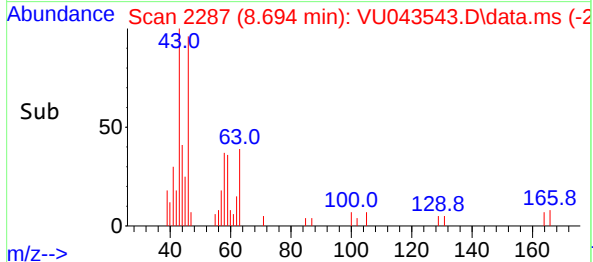
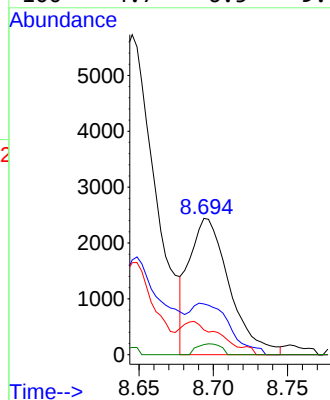
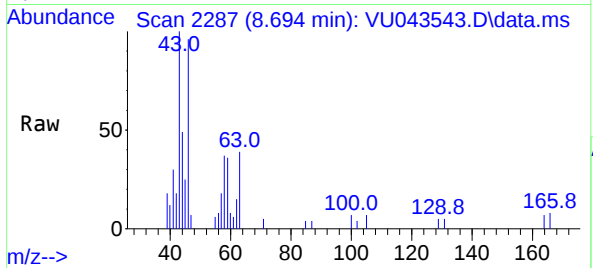




#48
2-Hexanone
Concen: 1.01 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

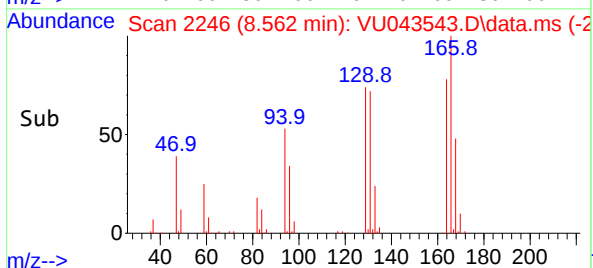
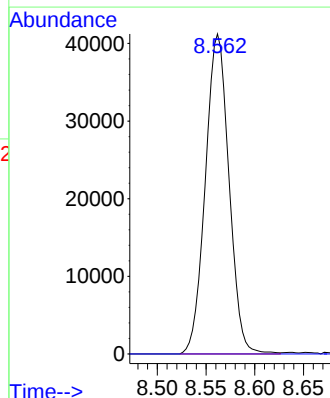
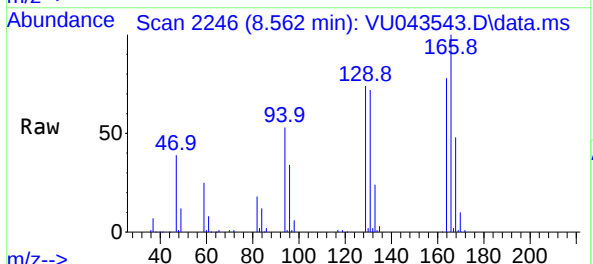
Instrument :
MSVOA_U
ClientSampled :

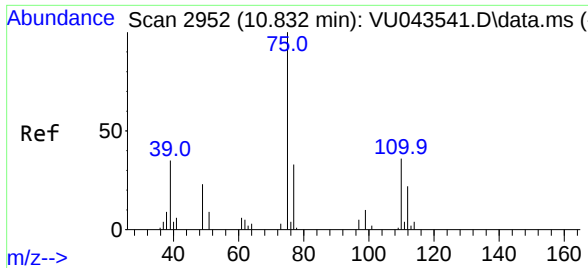
Tgt Ion:	43	Resp:	4605
Ion	Ratio	Lower	Upper
43	100		
58	36.8	36.8	55.2
57	24.0	13.2	19.8#
100	4.7	6.5	9.7#



#49
Dibromochloromethane
Concen: 11.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.254 min
Lab File: VU043543.D
Acq: 05 May 2021 09:09

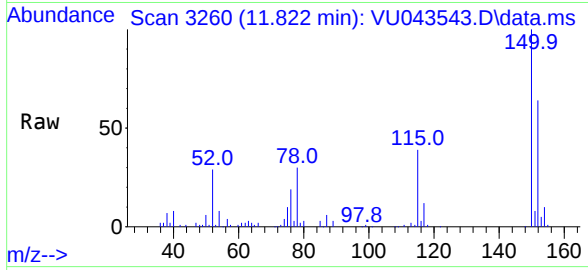
Tgt Ion:	129	Resp:	69532
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.48 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU043543.D
 Acq: 05 May 2021 09:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6533
 Ion Ratio Lower Upper
 75 100
 110 0.3 28.6 42.8#
 77 30.5 25.7 38.5

