

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043436.D
 Acq On : 29 Apr 2021 19:40
 Operator : SY/MD
 Sample : M2197-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 07:31:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	79496	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	81149	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36940	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18867	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.919	69	18747	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.572	65	11706	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.642	46	99681	56.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	5.073	84	53702	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.713	65	33032	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.736	84	92766	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	33428	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	76331	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloroprop...	8.189	79	11375	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.645	63	55822	40.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.90%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27861	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	30244	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

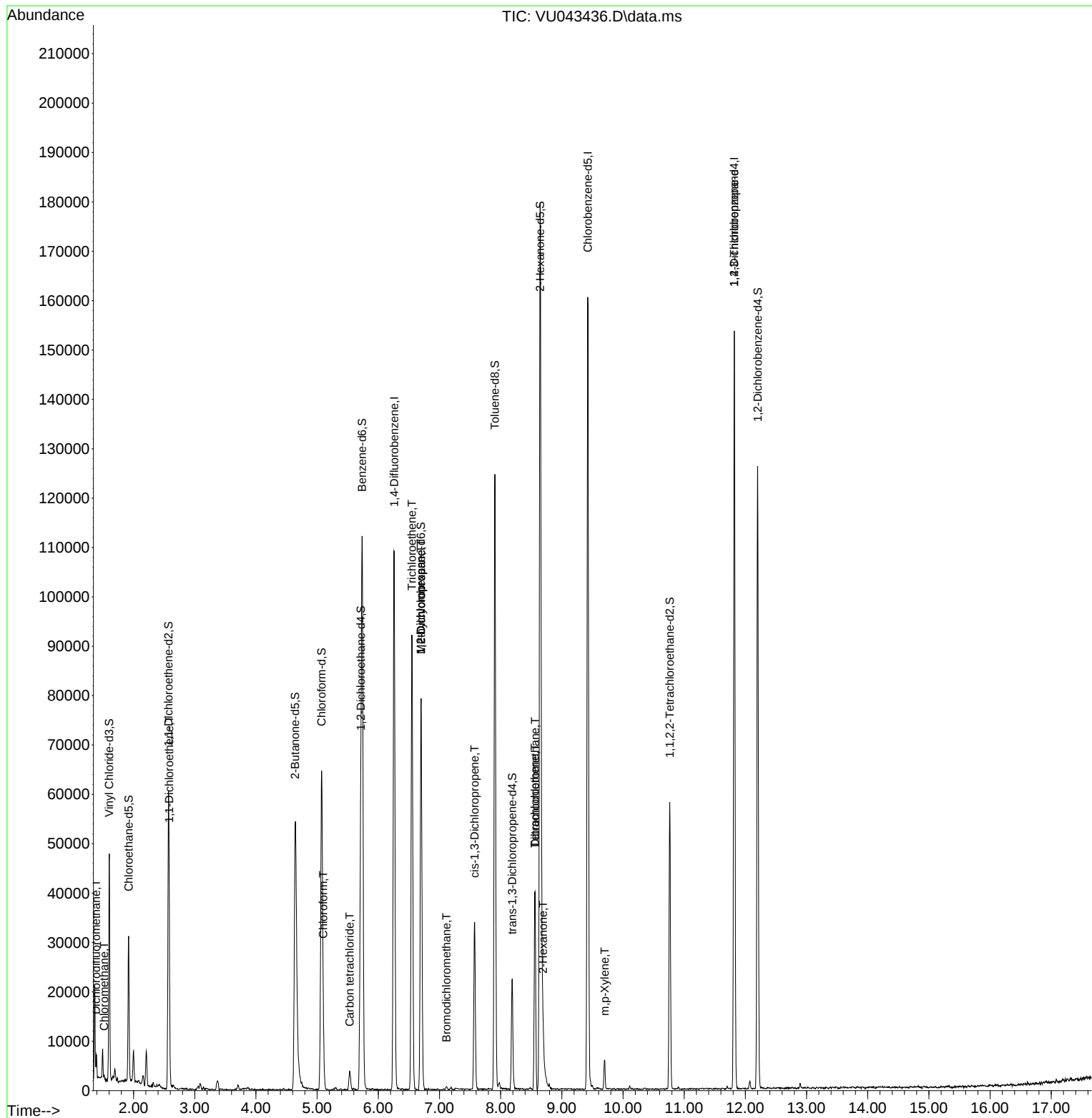
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	728	0.14	ug/L	# 80
3) Chloromethane	1.520	50	642	0.13	ug/L	93
12) 1,1-Dichloroethene	2.581	96	365	0.08	ug/L	# 1
25) Chloroform	5.099	83	7298	0.67	ug/L	98
31) Carbon tetrachloride	5.533	117	2379	0.28	ug/L	98
34) Trichloroethene	6.549	95	29636	4.96	ug/L	96
35) Methylcyclohexane	6.700	83	7365	0.89	ug/L	# 21
37) 1,2-Dichloropropane	6.700	63	3821	0.63	ug/L	# 87
38) Bromodichloromethane	7.112	83	622	0.08	ug/L	# 92
39) cis-1,3-Dichloropropene	7.575	75	906	0.10	ug/L	# 60
47) Tetrachloroethene	8.559	164	7984	1.69	ug/L	98
48) 2-Hexanone	8.694	43	4654	1.16	ug/L	# 66
49) Dibromochloromethane	8.562	129	7872	1.37	ug/L	# 9
53) m,p-Xylene	9.700	106	1477	0.15	ug/L	100
61) 1,2,3-Trichloropropane	11.819	75	5008	1.31	ug/L	# 66

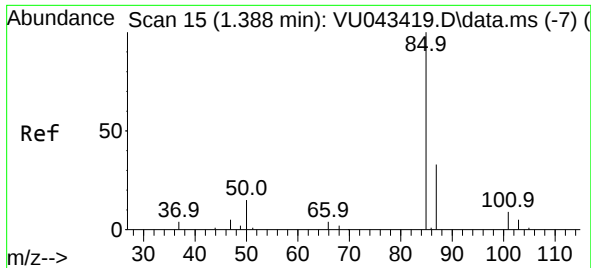
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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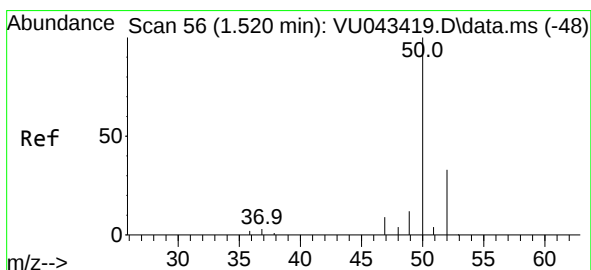
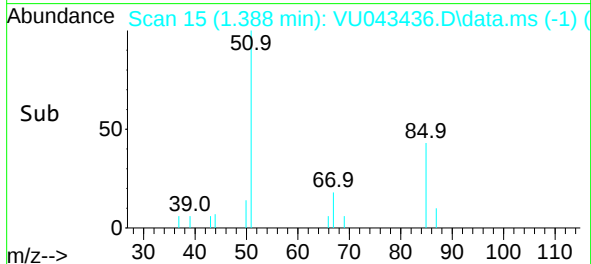
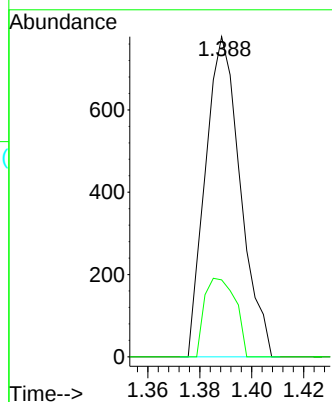
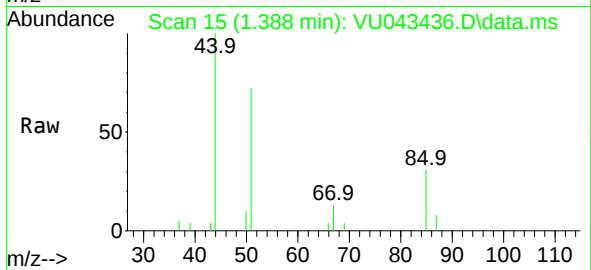




#2
 Dichlorodifluoromethane
 Concen: 0.14 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU043436.D
 Acq: 29 Apr 2021 19:40

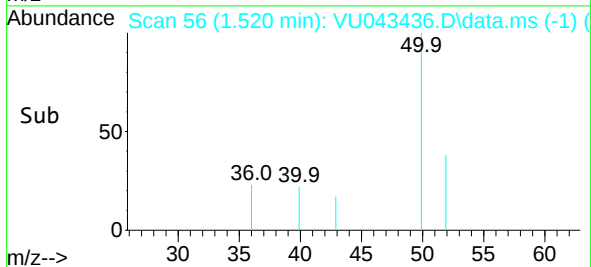
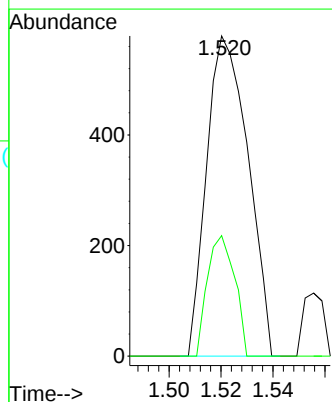
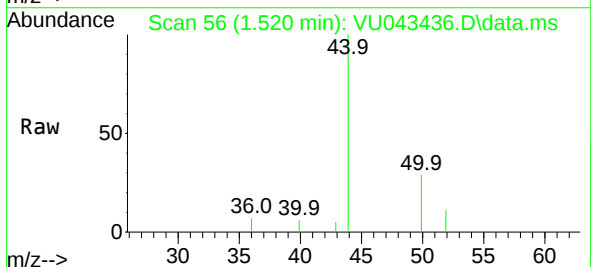
Instrument :
 MSVOA_U
 ClientSampled :

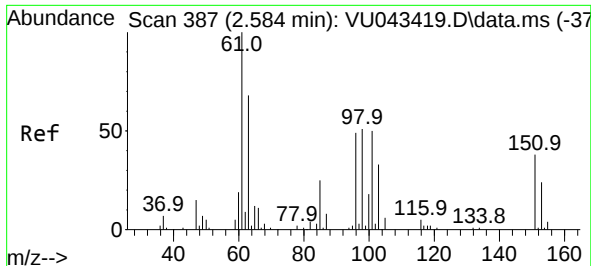
Tgt Ion: 85 Resp: 728
 Ion Ratio Lower Upper
 85 100
 87 21.6 26.3 39.5#



#3
 Chloromethane
 Concen: 0.13 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU043436.D
 Acq: 29 Apr 2021 19:40

Tgt Ion: 50 Resp: 642
 Ion Ratio Lower Upper
 50 100
 52 37.7 23.6 43.8





#12

1,1-Dichloroethene

Concen: 0.08 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

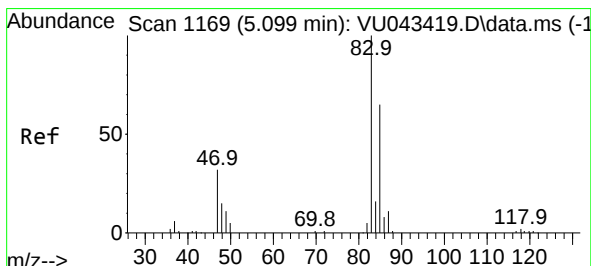
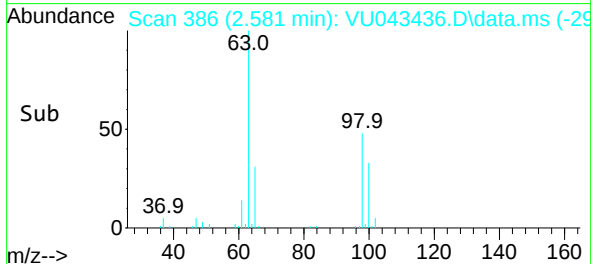
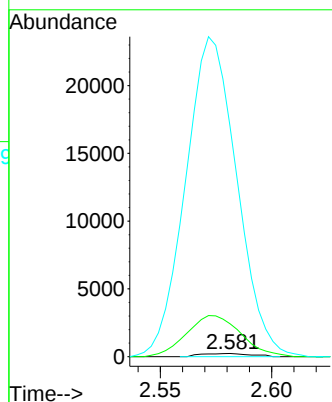
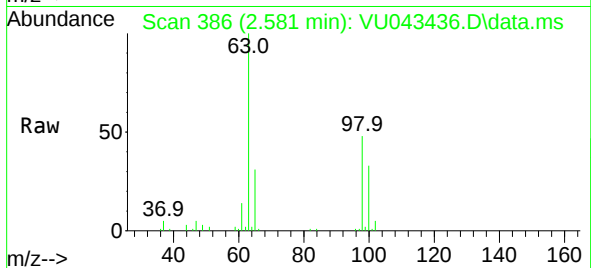
Lab File: VU043436.D

Acq: 29 Apr 2021 19:40

Tgt Ion: 96 Resp: 365

Ion	Ratio	Lower	Upper
96	100		
61	1055.0	115.1	213.7#
63	7369.7	84.1	156.1#

Instrument :
MSVOA_U
ClientSampleId :



#25

Chloroform

Concen: 0.67 ug/L

RT: 5.099 min Scan# 1169

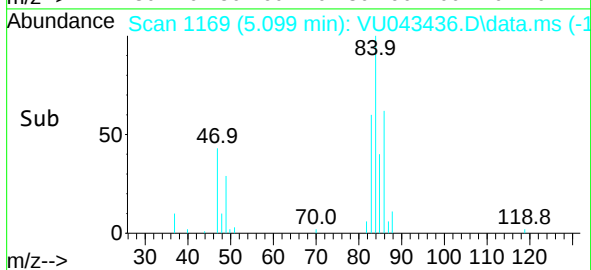
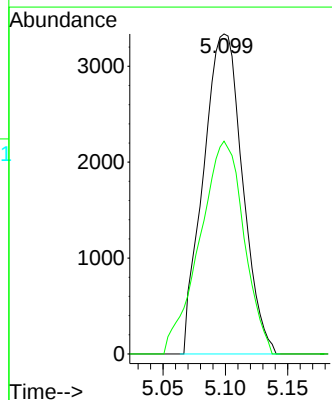
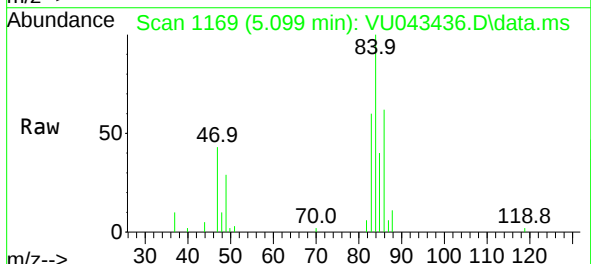
Delta R.T. 0.000 min

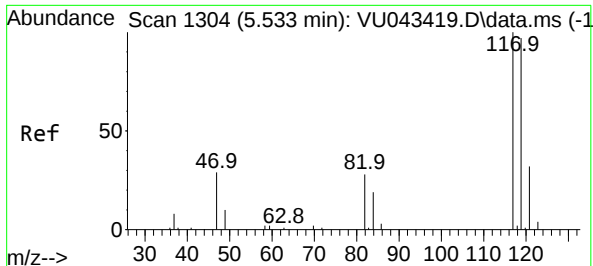
Lab File: VU043436.D

Acq: 29 Apr 2021 19:40

Tgt Ion: 83 Resp: 7298

Ion	Ratio	Lower	Upper
83	100		
85	66.5	45.6	84.8

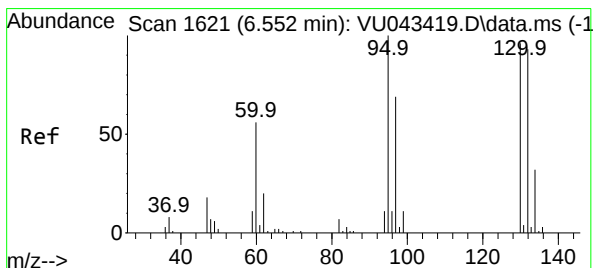
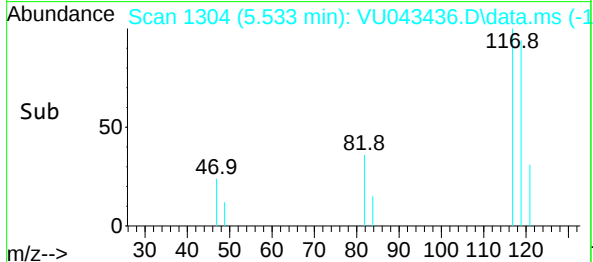
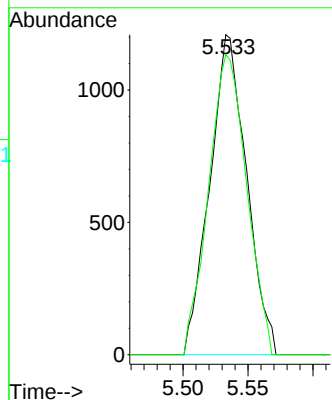
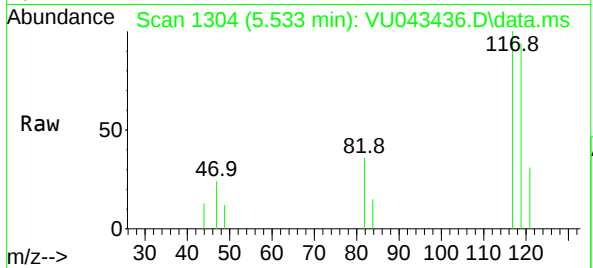




#31
Carbon tetrachloride
Concen: 0.28 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043436.D
Acq: 29 Apr 2021 19:40

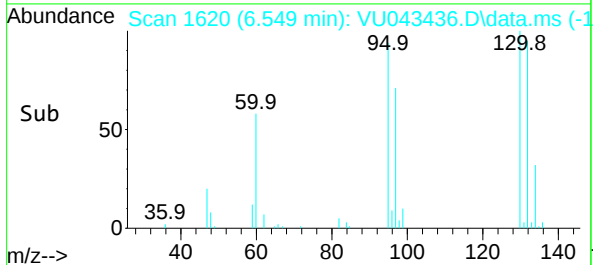
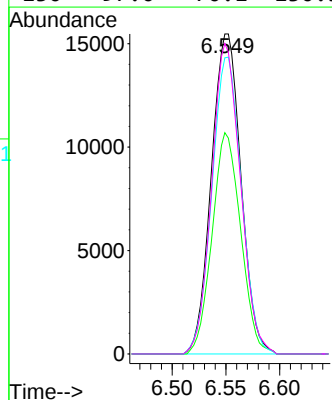
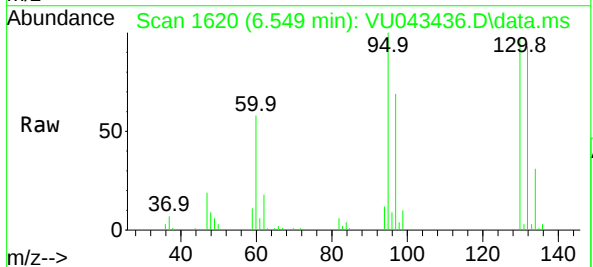
Instrument :
MSVOA_U
ClientSampled :

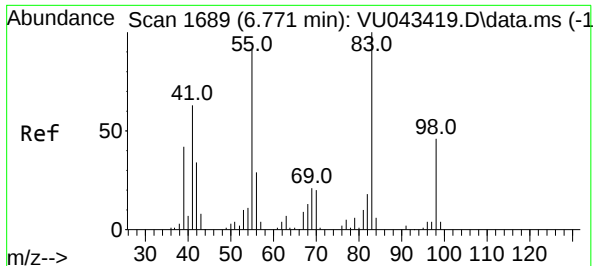
Tgt Ion:117 Resp: 2379
Ion Ratio Lower Upper
117 100
119 97.1 76.2 114.4



#34
Trichloroethene
Concen: 4.96 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043436.D
Acq: 29 Apr 2021 19:40

Tgt Ion: 95 Resp: 29636
Ion Ratio Lower Upper
95 100
97 69.2 45.8 85.2
132 92.6 68.7 127.7
130 97.0 70.1 130.3

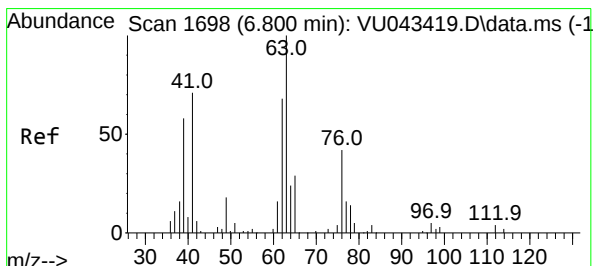
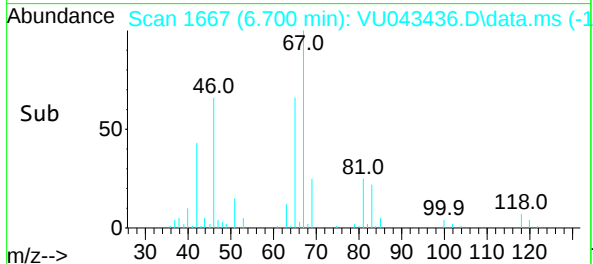
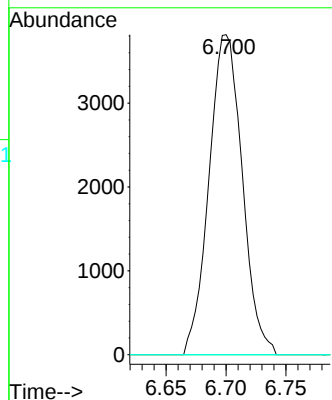
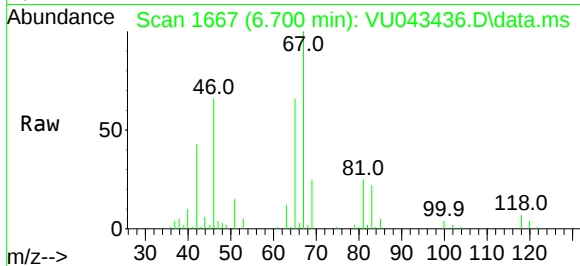




#35
Methylcyclohexane
Concen: 0.89 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043436.D
Acq: 29 Apr 2021 19:40

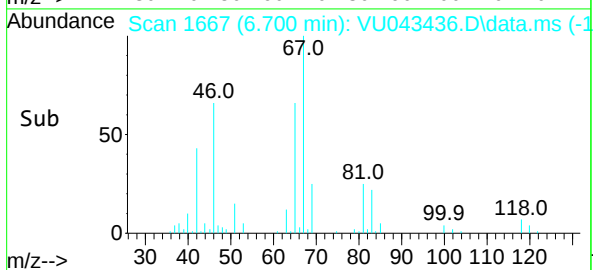
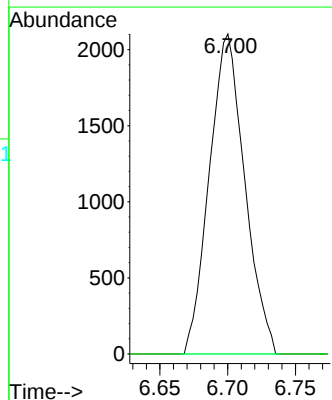
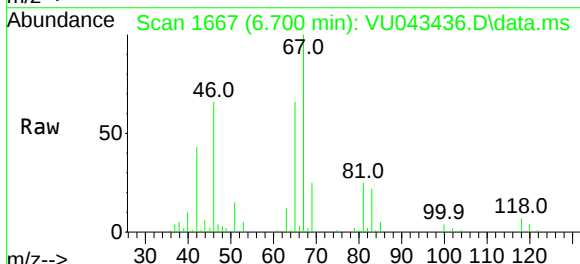
Instrument :
MSVOA_U
ClientSampled :

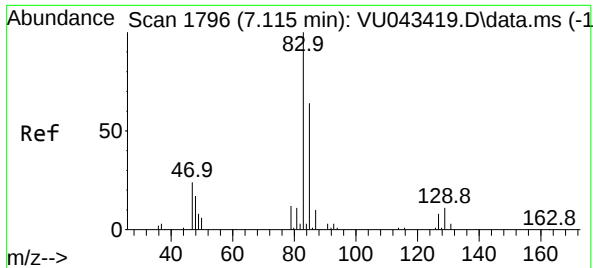
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	4.1	37.9	56.9#



#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043436.D
Acq: 29 Apr 2021 19:40

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

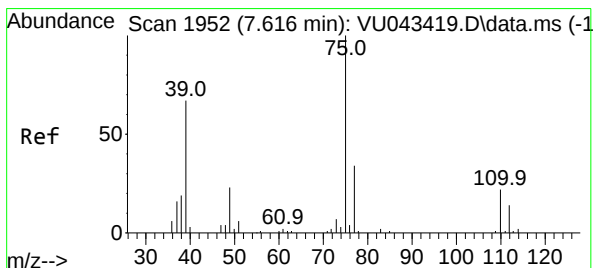
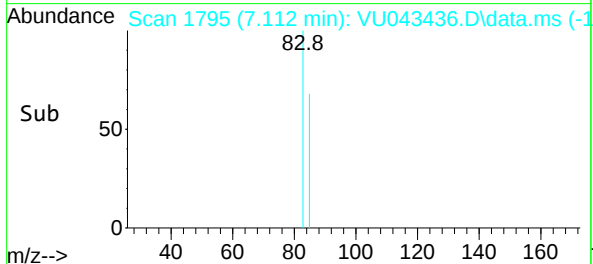
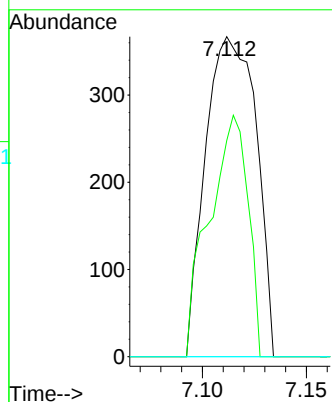
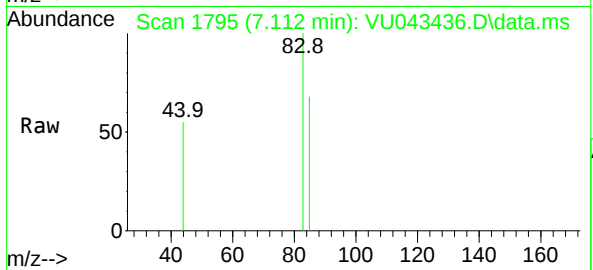




#38
Bromodichloromethane
Concen: 0.08 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU043436.D
Acq: 29 Apr 2021 19:40

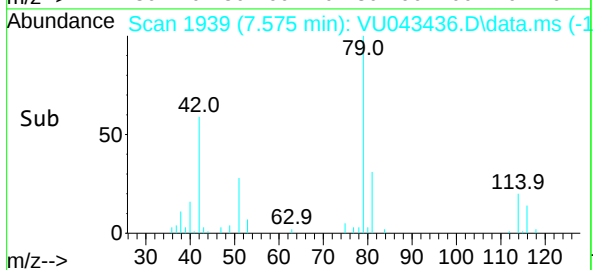
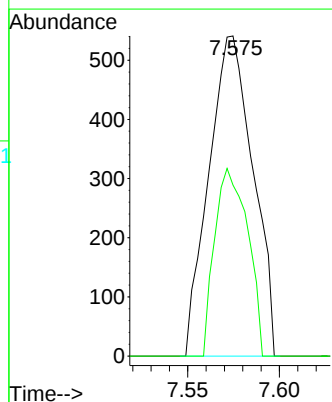
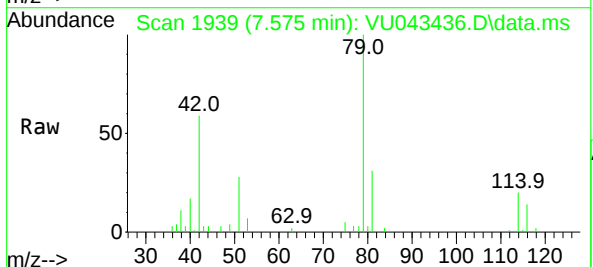
Instrument :
MSVOA_U
ClientSampled :

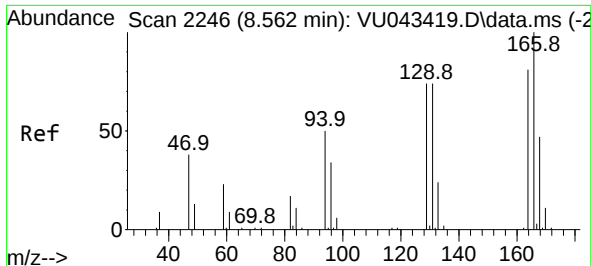
Tgt Ion: 83 Resp: 622
Ion Ratio Lower Upper
83 100
85 67.6 44.6 82.8
127 0.0 7.4 11.2#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043436.D
Acq: 29 Apr 2021 19:40

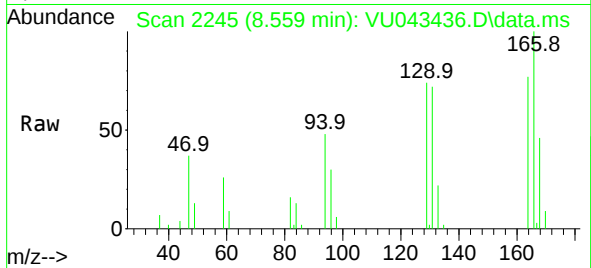
Tgt Ion: 75 Resp: 906
Ion Ratio Lower Upper
75 100
77 53.4 21.8 40.6#





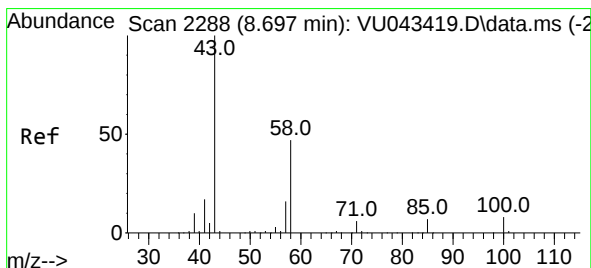
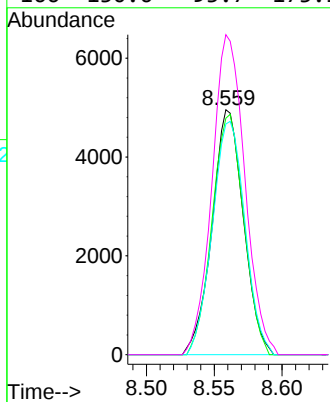
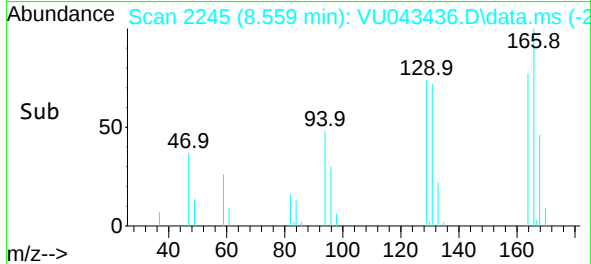
#47
Tetrachloroethene
Concen: 1.69 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043436.D
Acq: 29 Apr 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :

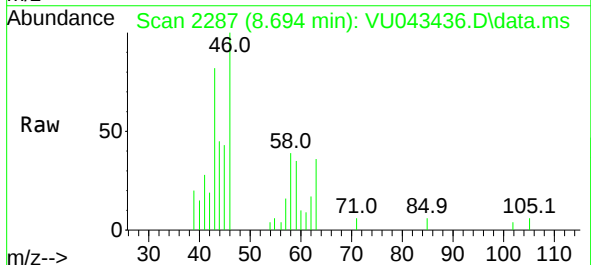


Tgt Ion:164 Resp: 7984

Ion	Ratio	Lower	Upper
164	100		
129	96.5	66.6	123.8
131	94.2	65.9	122.3
166	130.6	93.7	173.9

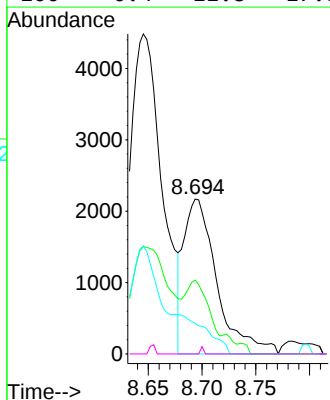
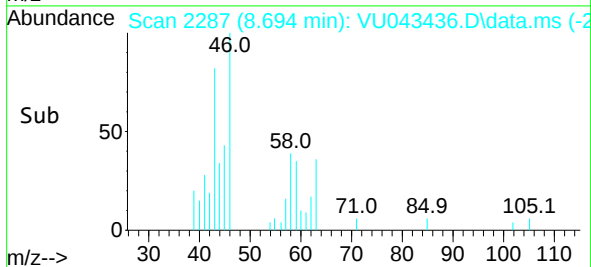


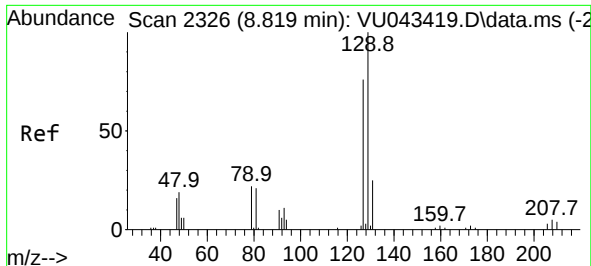
#48
2-Hexanone
Concen: 1.16 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043436.D
Acq: 29 Apr 2021 19:40



Tgt Ion: 43 Resp: 4654

Ion	Ratio	Lower	Upper
43	100		
58	39.8	50.0	75.0#
57	0.0	17.4	26.0#
100	0.4	11.8	17.8#





#49

Dibromochloromethane

Concen: 1.37 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043436.D

Acq: 29 Apr 2021 19:40

Tgt Ion:129 Resp: 7872

Ion Ratio Lower Upper

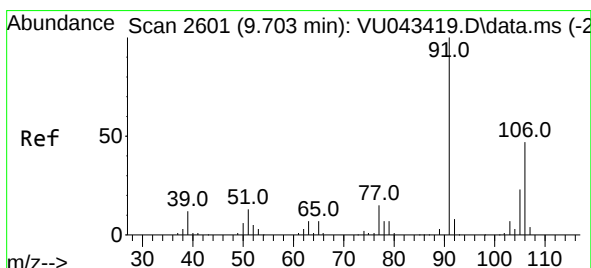
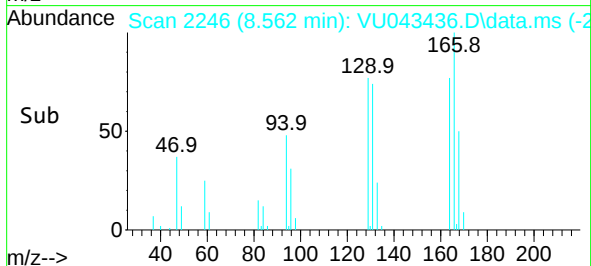
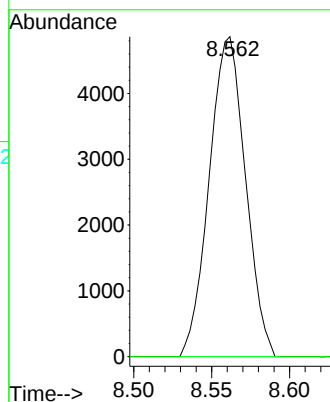
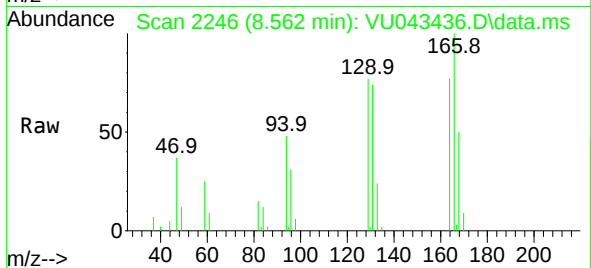
129 100

127 0.0 56.6 105.2#

Instrument :

MSVOA_U

ClientSampleId :



#53

m,p-Xylene

Concen: 0.15 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. -0.003 min

Lab File: VU043436.D

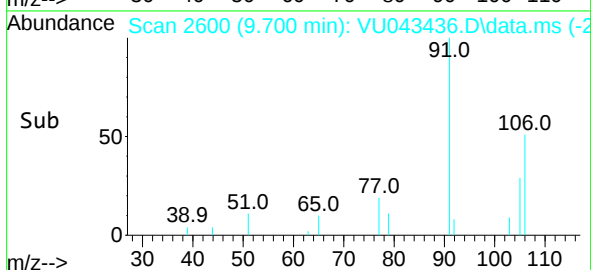
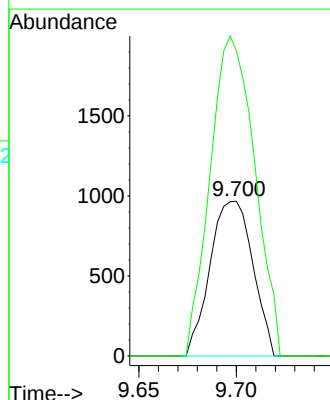
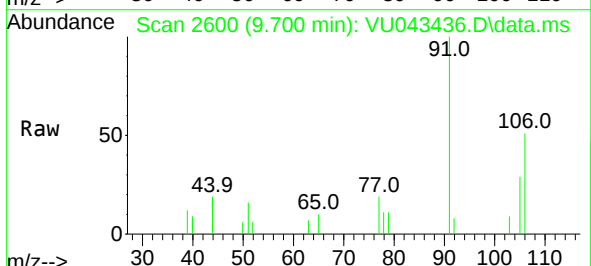
Acq: 29 Apr 2021 19:40

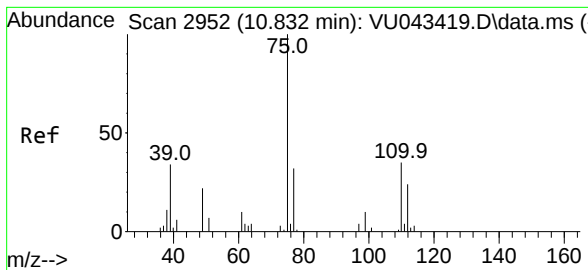
Tgt Ion:106 Resp: 1477

Ion Ratio Lower Upper

106 100

91 197.2 137.6 255.6





#61
 1,2,3-Trichloropropane
 Concen: 1.31 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043436.D
 Acq: 29 Apr 2021 19:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 5008
 Ion Ratio Lower Upper
 75 100
 110 1.5 31.5 47.3#
 77 33.6 26.3 39.5

