

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043440.D
 Acq On : 29 Apr 2021 21:16
 Operator : SY/MD
 Sample : M2197-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 07:32:44 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)

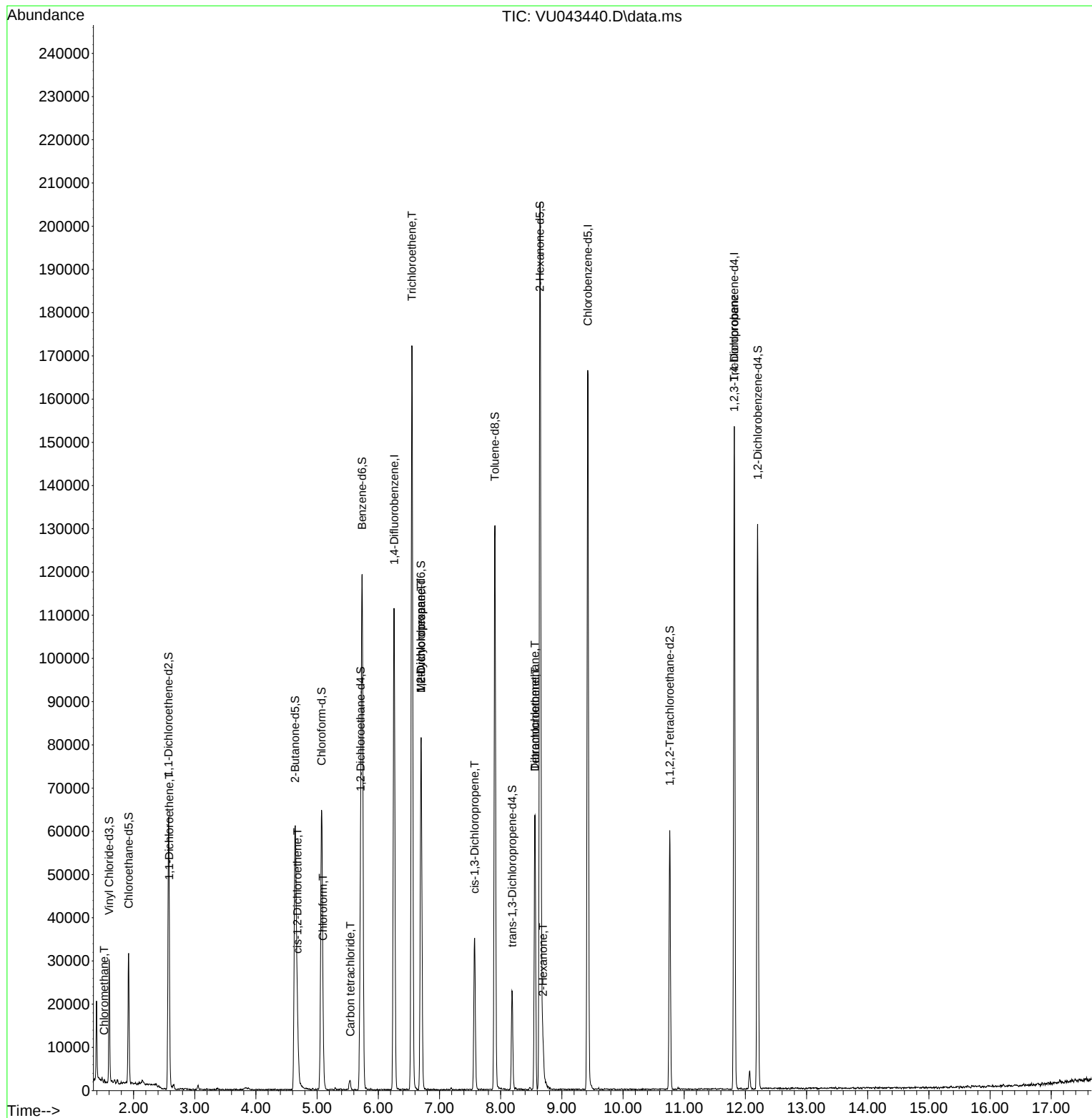
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82025	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	83846	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37245	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18774	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.919	69	19909	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.572	65	12041	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.639	46	102928	56.26	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.52%
24) Chloroform-d	5.073	84	56768	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.710	65	35150	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	97061	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.700	67	34998	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.906	98	78918	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloroprop...	8.189	79	11826	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.642	63	63292	44.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.78%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28203	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	31067	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	637	0.12	ug/L	94
12) 1,1-Dichloroethene	2.584	96	919	0.20	ug/L #	1
22) cis-1,2-Dichloroethene	4.678	96	4320	0.75	ug/L	90
25) Chloroform	5.096	83	4380	0.39	ug/L	89
31) Carbon tetrachloride	5.542	117	1444	0.17	ug/L	97
34) Trichloroethene	6.549	95	55635	9.01	ug/L	95
35) Methylcyclohexane	6.700	83	7929	0.93	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	3850	0.61	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	924	0.10	ug/L #	72
47) Tetrachloroethene	8.562	164	13039	2.66	ug/L	98
48) 2-Hexanone	8.693	43	4468	1.08	ug/L #	47
49) Dibromochloromethane	8.558	129	12713	2.14	ug/L #	9
61) 1,2,3-Trichloropropane	11.816	75	5200	1.35	ug/L #	65

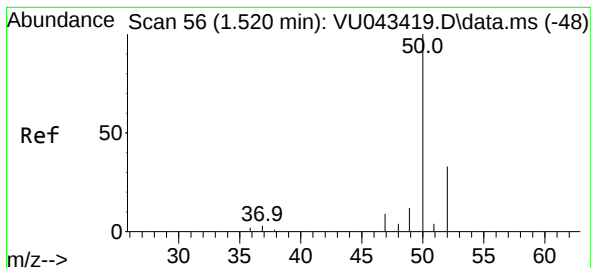
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.12 ug/L

RT: 1.520 min Scan# 56

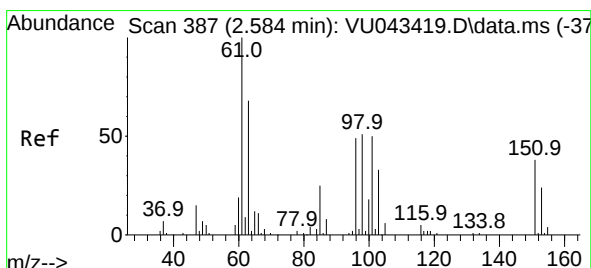
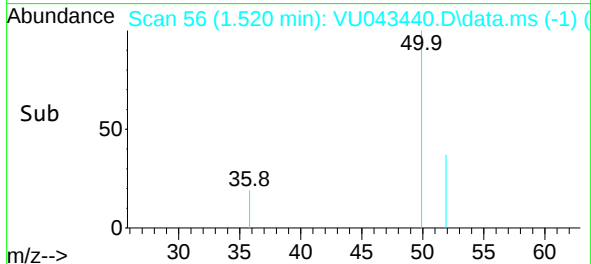
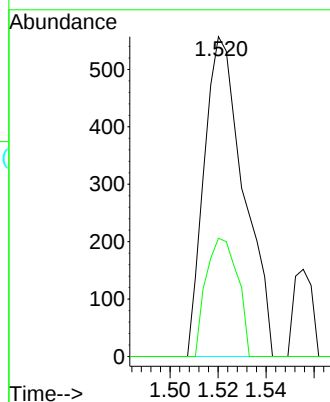
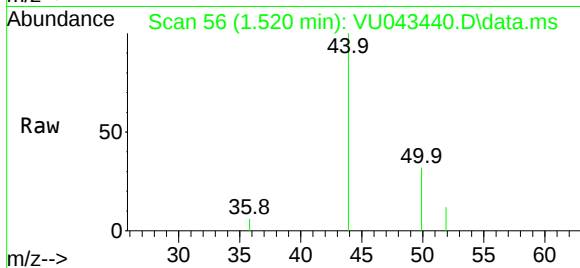
Delta R.T. 0.000 min

Lab File: VU043440.D

Acq: 29 Apr 2021 21:16

Tgt Ion: 50 Resp: 637

Ion	Ratio	Lower	Upper
50	100		
52	37.0	23.6	43.8



#12

1,1-Dichloroethene

Concen: 0.20 ug/L

RT: 2.584 min Scan# 387

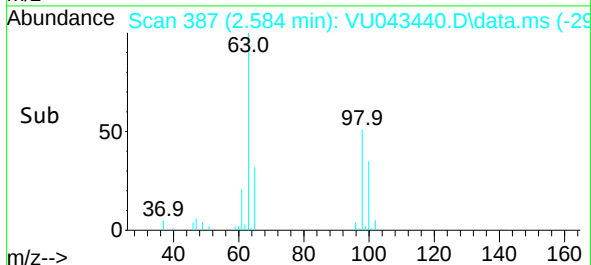
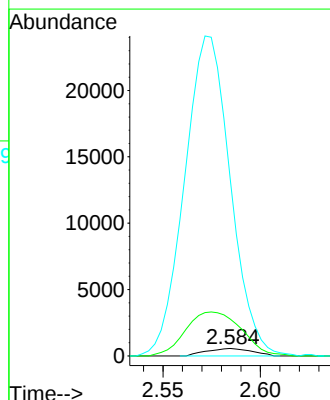
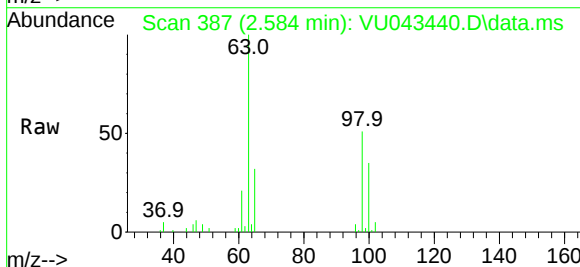
Delta R.T. 0.000 min

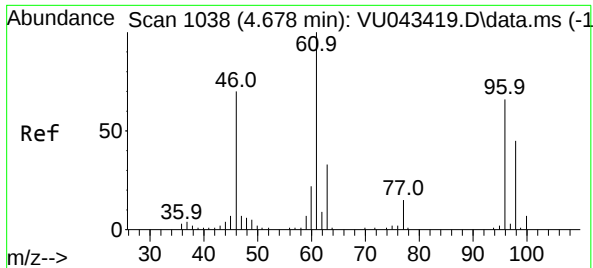
Lab File: VU043440.D

Acq: 29 Apr 2021 21:16

Tgt Ion: 96 Resp: 919

Ion	Ratio	Lower	Upper
96	100		
61	497.3	115.1	213.7#
63	2389.3	84.1	156.1#

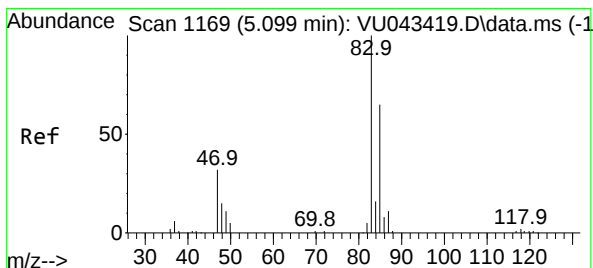
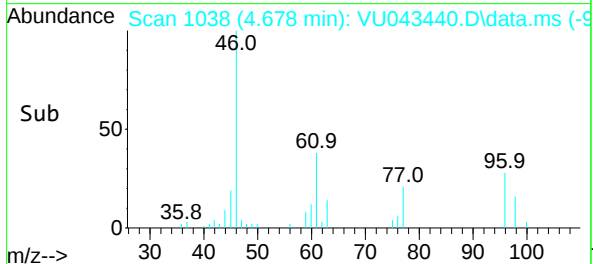
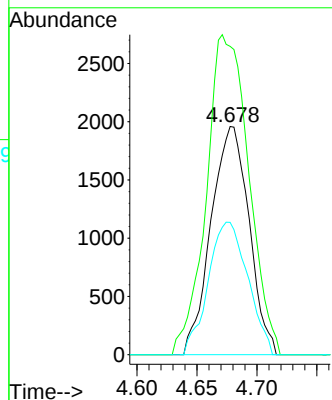
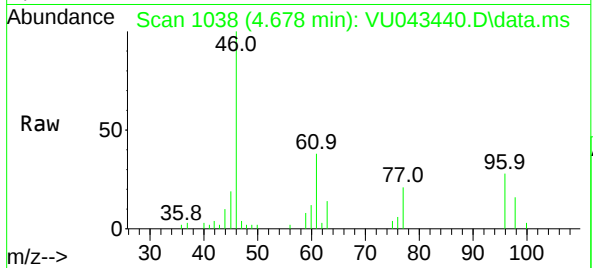




#22
cis-1,2-Dichloroethene
Concen: 0.75 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043440.D
Acq: 29 Apr 2021 21:16

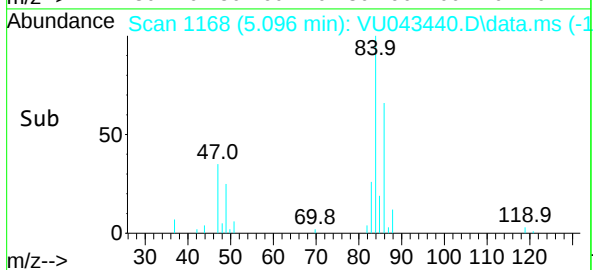
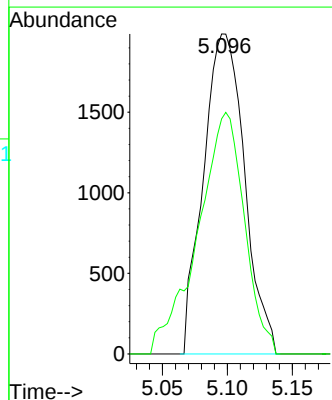
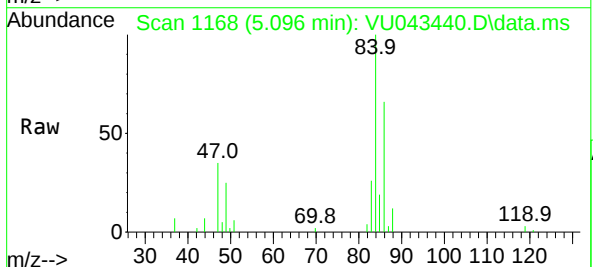
Instrument :
MSVOA_U
ClientSampled :

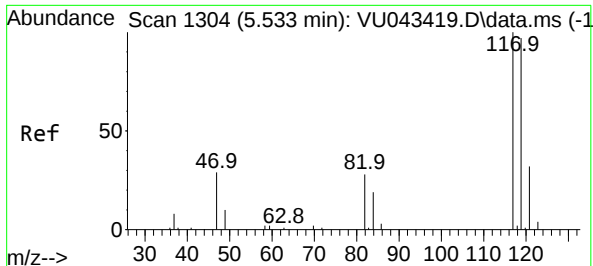
Tgt Ion: 96 Resp: 4320
Ion Ratio Lower Upper
96 100
61 135.1 87.4 162.4
98 58.0 47.7 88.5



#25
Chloroform
Concen: 0.39 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043440.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 83 Resp: 4380
Ion Ratio Lower Upper
83 100
85 73.5 45.6 84.8

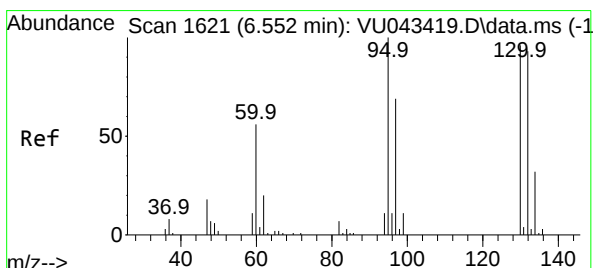
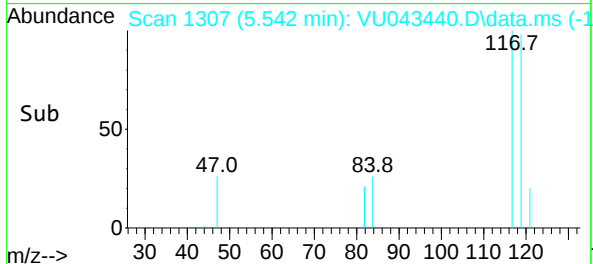
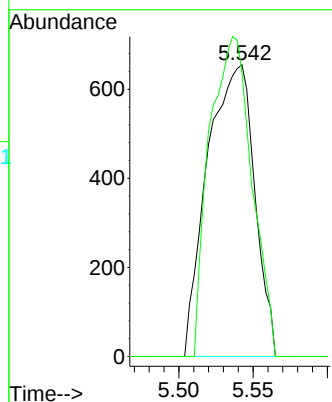
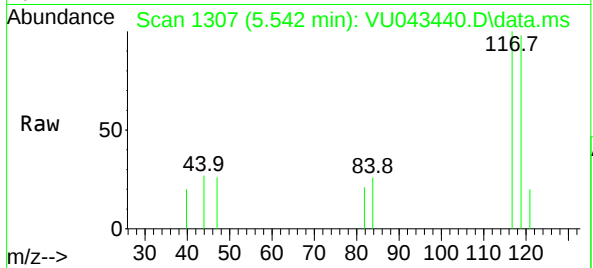




#31
Carbon tetrachloride
Concen: 0.17 ug/L
RT: 5.542 min Scan# 1307
Delta R.T. 0.010 min
Lab File: VU043440.D
Acq: 29 Apr 2021 21:16

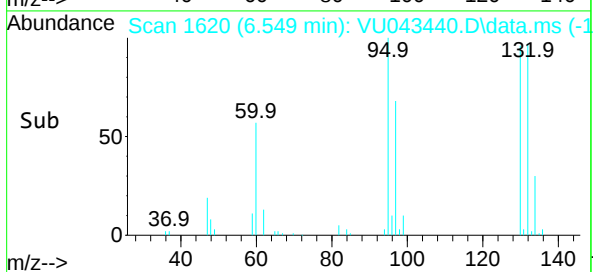
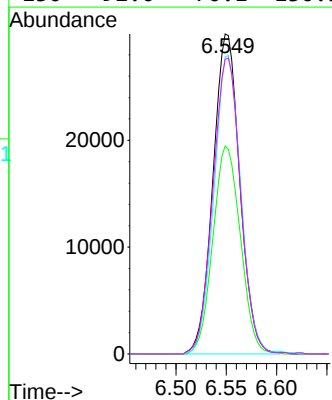
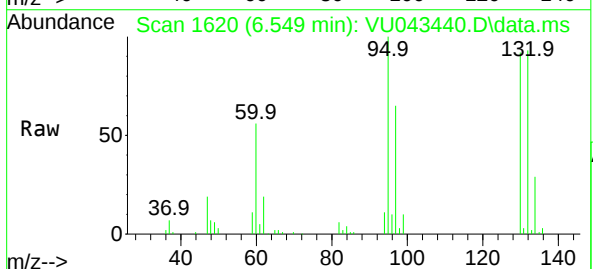
Instrument :
MSVOA_U
ClientSampled :

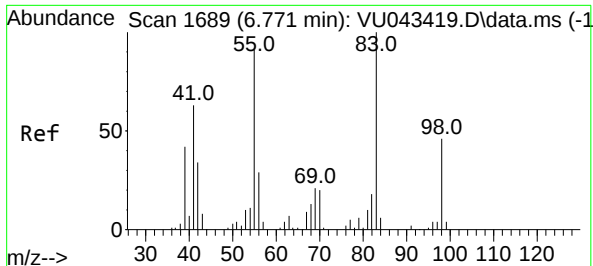
Tgt Ion:117 Resp: 1444
Ion Ratio Lower Upper
117 100
119 98.5 76.2 114.4



#34
Trichloroethene
Concen: 9.01 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043440.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 95 Resp: 55635
Ion Ratio Lower Upper
95 100
97 65.0 45.8 85.2
132 92.9 68.7 127.7
130 92.0 70.1 130.3





#35

Methylcyclohexane

Concen: 0.93 ug/L

RT: 6.700 min Scan# 1667

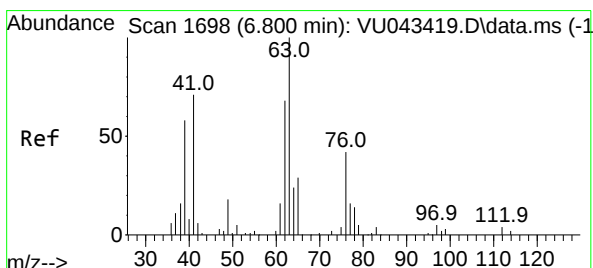
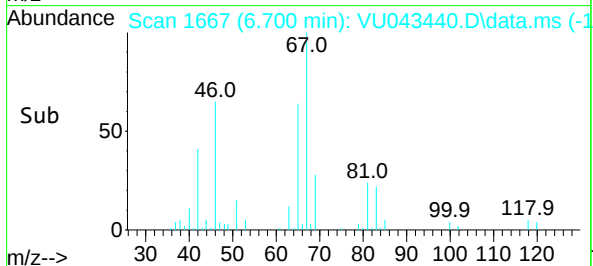
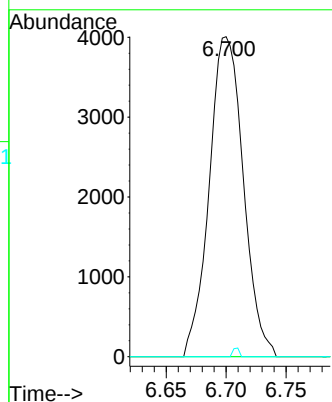
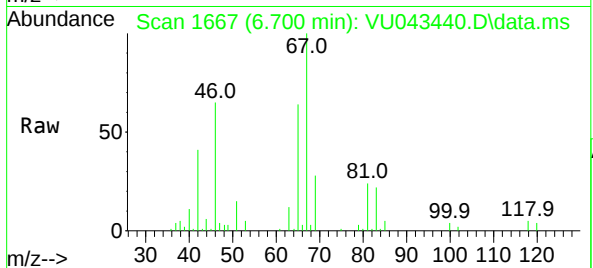
Delta R.T. -0.071 min

Lab File: VU043440.D

Acq: 29 Apr 2021 21:16

Tgt Ion: 83	Resp: 7929
Ion Ratio	Lower Upper
83 100	
55 0.0	59.5 89.3#
98 0.5	37.9 56.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.61 ug/L

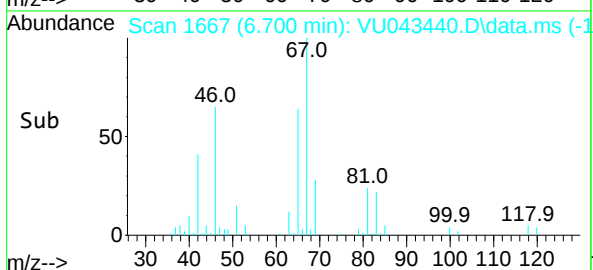
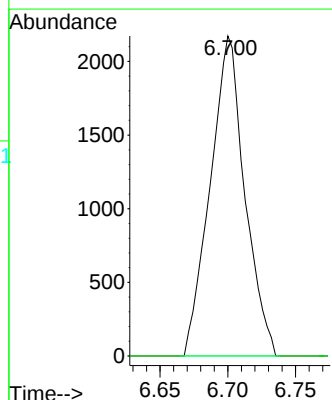
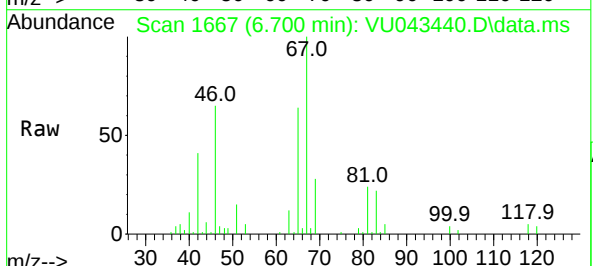
RT: 6.700 min Scan# 1667

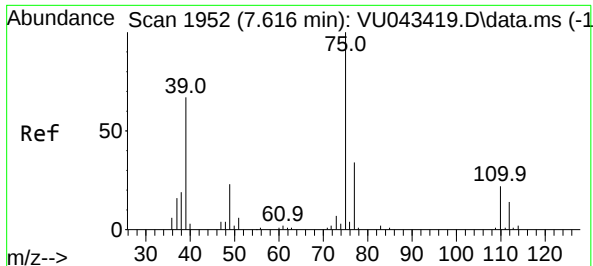
Delta R.T. -0.100 min

Lab File: VU043440.D

Acq: 29 Apr 2021 21:16

Tgt Ion: 63	Resp: 3850
Ion Ratio	Lower Upper
63 100	
112 0.0	3.5 5.3#

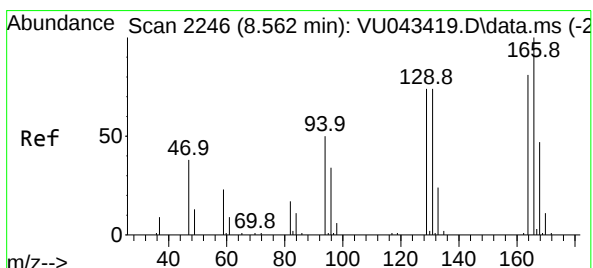
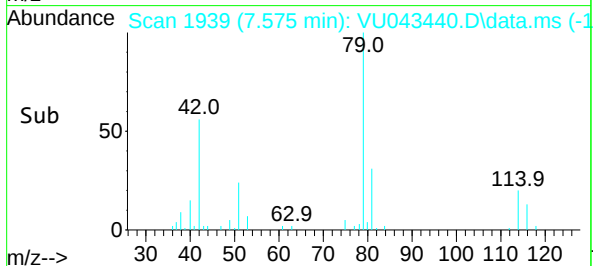
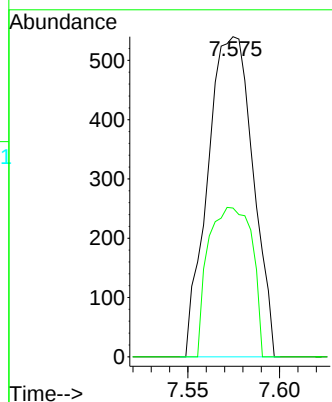
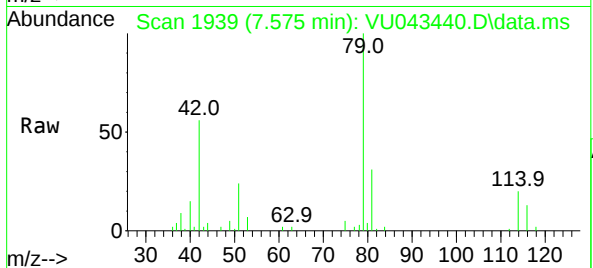




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043440.D
Acq: 29 Apr 2021 21:16

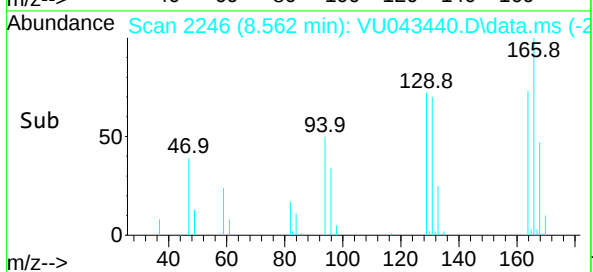
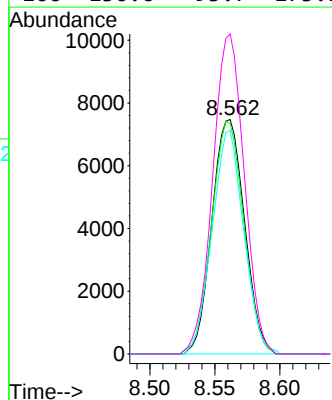
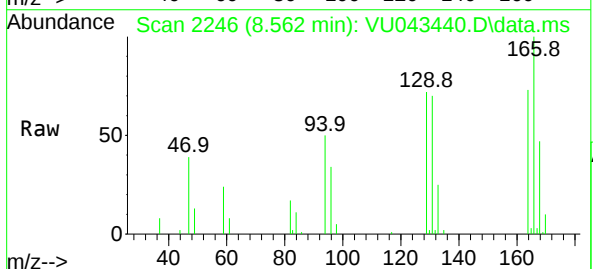
Instrument :
MSVOA_U
ClientSampleId :

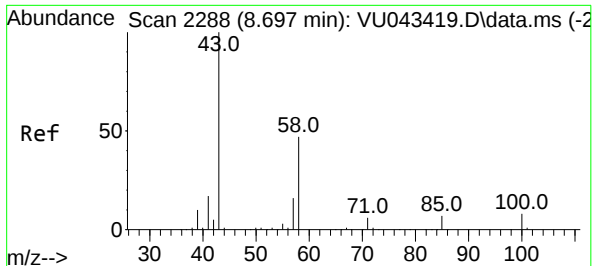
Tgt Ion: 75 Resp: 924
Ion Ratio Lower Upper
75 100
77 46.5 21.8 40.6#



#47
Tetrachloroethene
Concen: 2.66 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043440.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 164 Resp: 13039
Ion Ratio Lower Upper
164 100
129 98.3 66.6 123.8
131 95.5 65.9 122.3
166 136.6 93.7 173.9

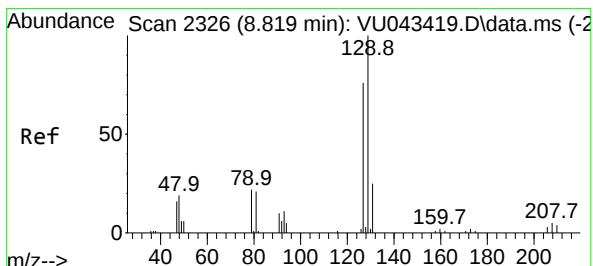
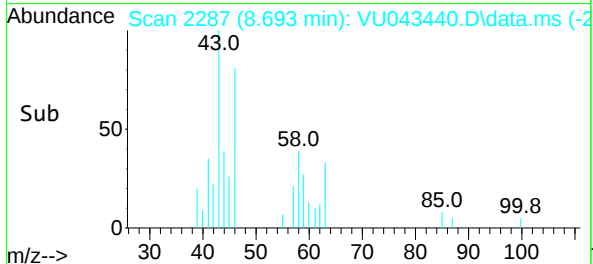
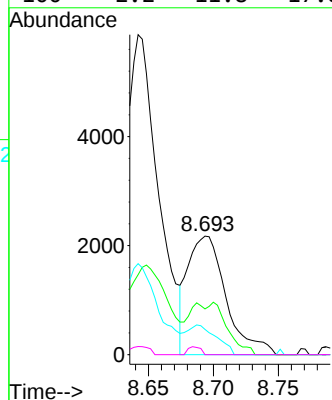
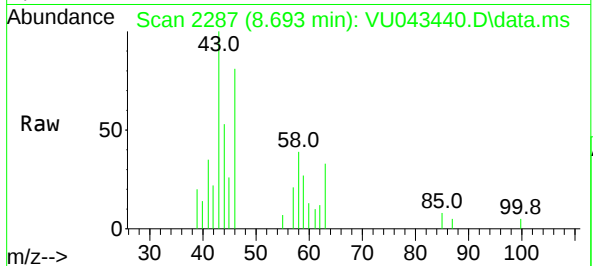




#48
2-Hexanone
Concen: 1.08 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043440.D
Acq: 29 Apr 2021 21:16

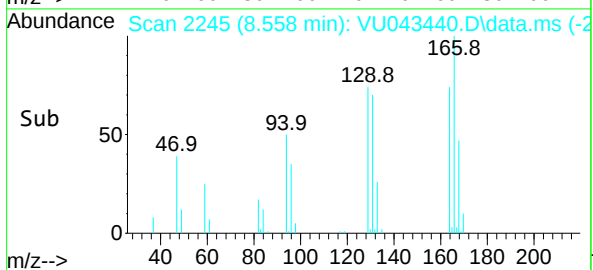
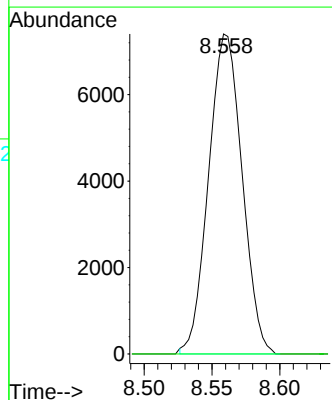
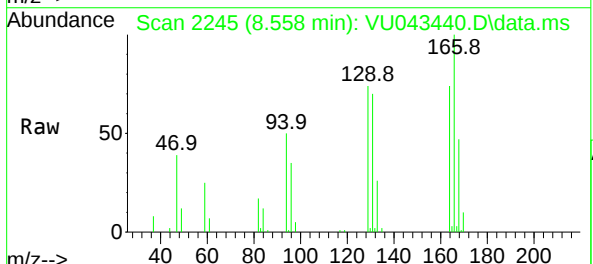
Instrument :
MSVOA_U
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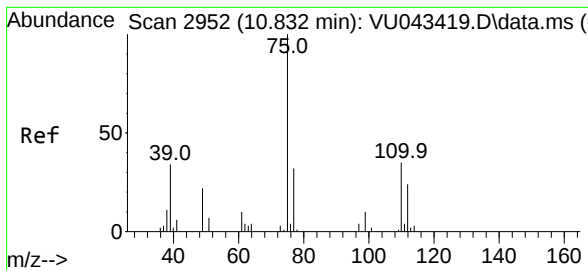
Tgt Ion:	43	Resp:	4468
Ion	Ratio	Lower	Upper
43	100		
58	5.5	50.0	75.0#
57	18.0	17.4	26.0
100	2.2	11.8	17.8#



#49
Dibromochloromethane
Concen: 2.14 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043440.D
Acq: 29 Apr 2021 21:16

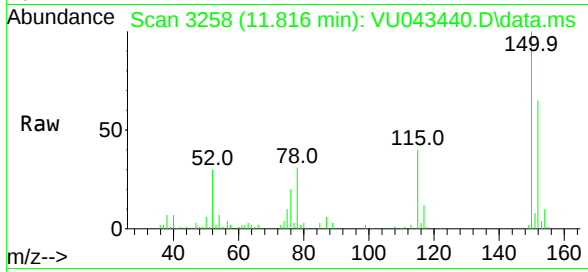
Tgt Ion:	129	Resp:	12713
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.35 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043440.D
 Acq: 29 Apr 2021 21:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5200
 Ion Ratio Lower Upper
 75 100
 110 0.9 31.5 47.3#
 77 32.5 26.3 39.5

