

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043490.D
 Acq On : 03 May 2021 17:22
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 04 07:41:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 07:31:29 2021
 Response via : Initial Calibration

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

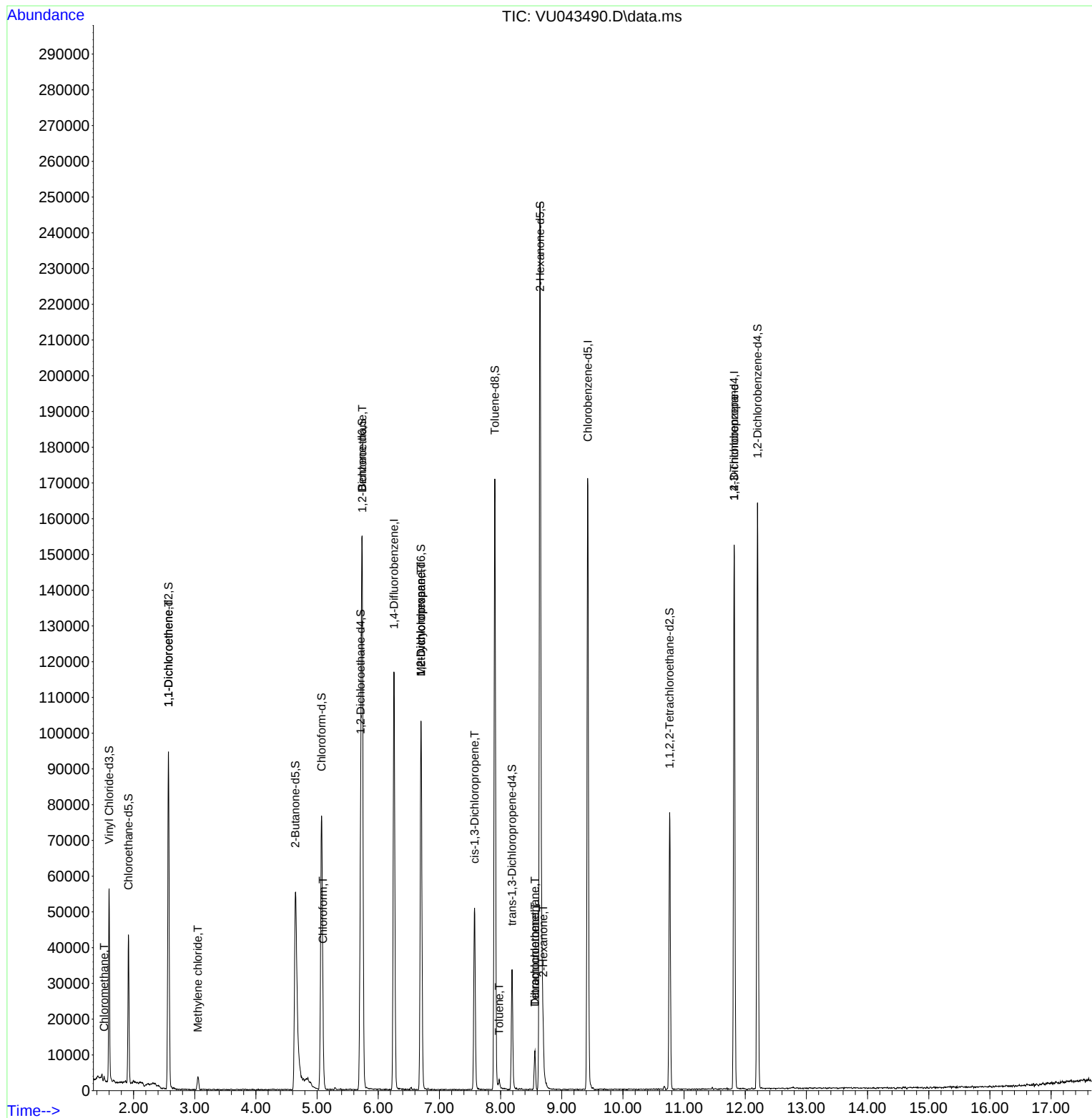
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	84748	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	86401	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36774	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36258	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.916	69	27606	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.571	65	18667	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.60%
20) 2-Butanone-d5	4.645	46	112819	53.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	5.073	84	67066	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.713	65	43676	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.735	84	126423	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.700	67	45498	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.906	98	106897	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloroprop...	8.185	79	17023	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.645	63	80965	58.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37716	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	39077	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	719	0.12	ug/L	97
12) 1,1-Dichloroethene	2.571	96	428	0.09	ug/L #	1
16) Methylene chloride	3.051	84	1470	0.19	ug/L	92
25) Chloroform	5.096	83	3870	0.31	ug/L	88
27) 1,2-Dichloroethane	5.739	62	881	0.10	ug/L #	78
35) Methylcyclohexane	6.700	83	9904	1.32	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	5164	0.76	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1300	0.14	ug/L #	76
42) Toluene	7.976	91	1668	0.07	ug/L	91
47) Tetrachloroethene	8.562	164	2135	0.50	ug/L	87
48) 2-Hexanone	8.697	43	6246	1.51	ug/L #	87
49) Dibromochloromethane	8.562	129	2061	0.36	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5074	1.36	ug/L #	67

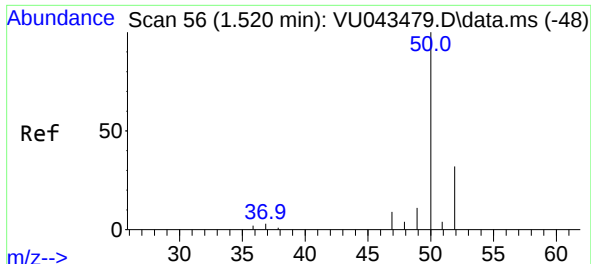
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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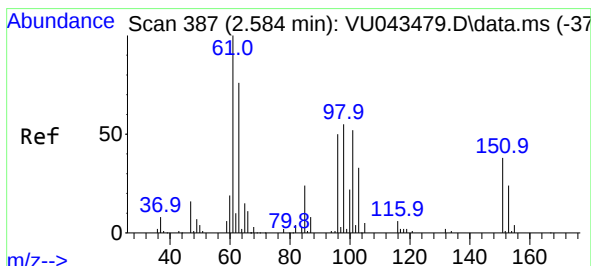
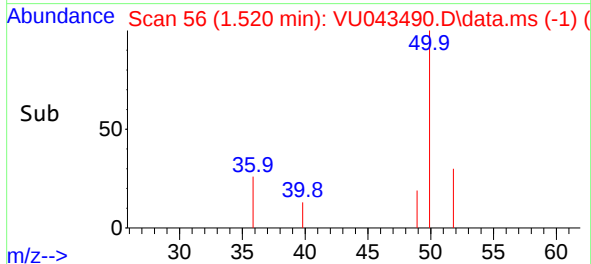
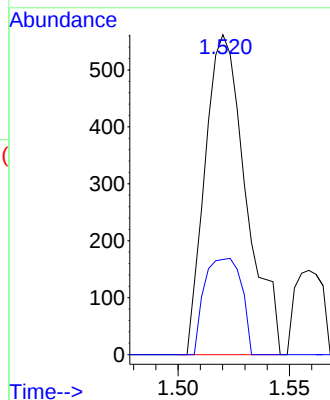
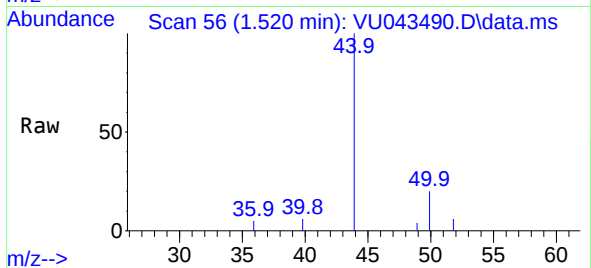




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

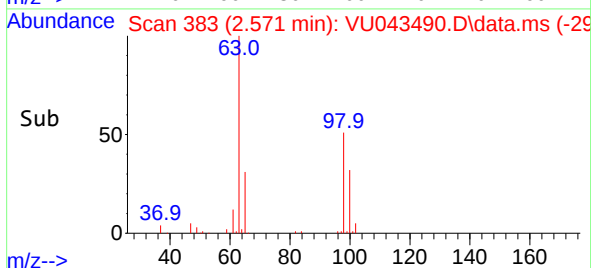
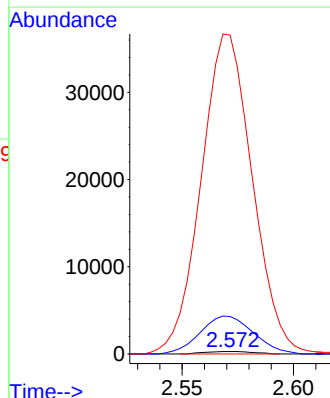
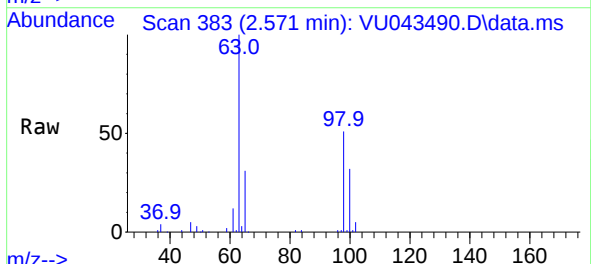
Instrument :
MSVOA_U
ClientSampled :

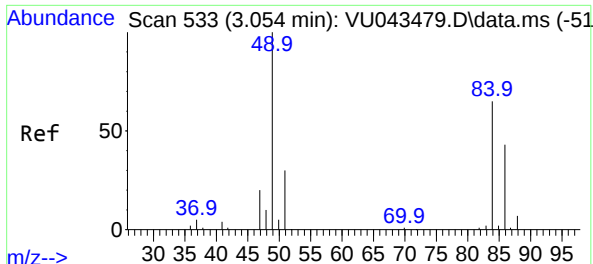
Tgt Ion: 50 Resp: 719
Ion Ratio Lower Upper
50 100
52 29.7 22.1 41.1



#12
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

Tgt Ion: 96 Resp: 428
Ion Ratio Lower Upper
96 100
61 1515.1 141.2 262.2#
63 12878.9 111.1 206.3#

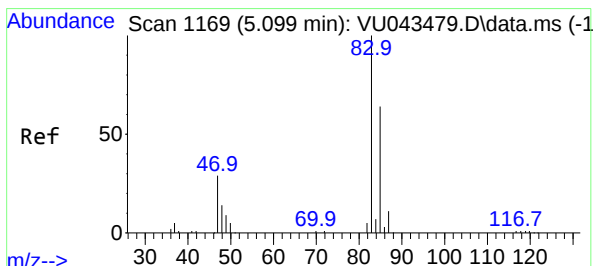
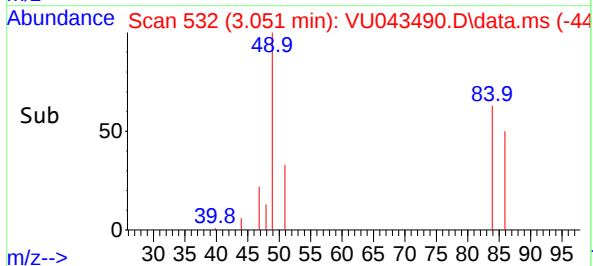
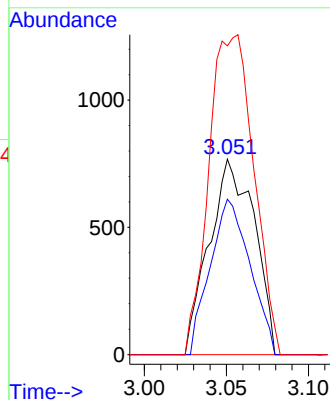
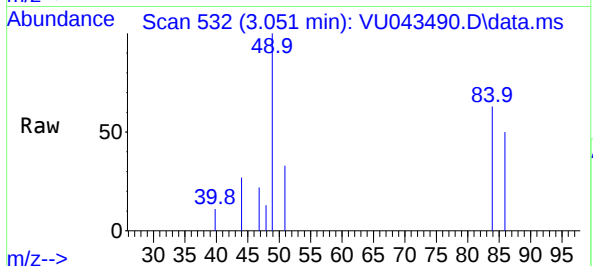




#16
Methylene chloride
Concen: 0.19 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

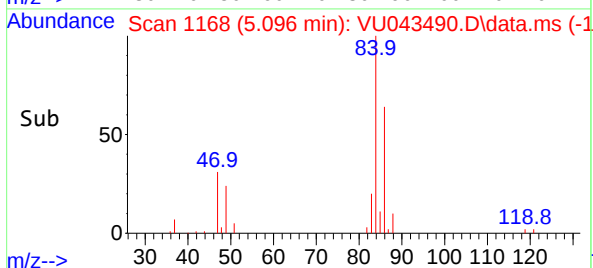
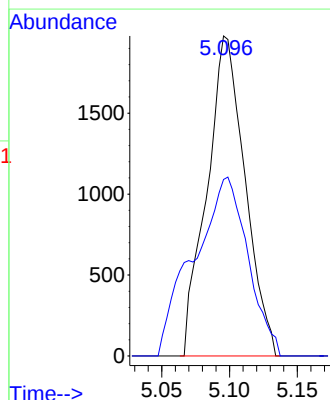
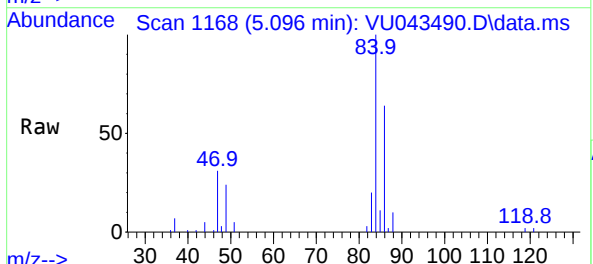
Instrument :
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ClientSampled :

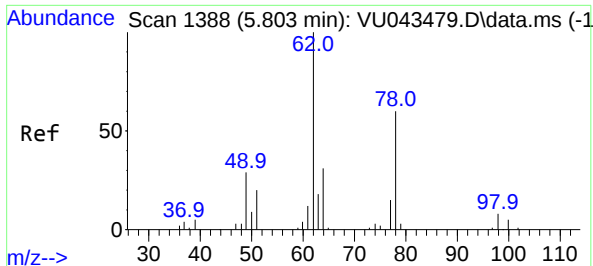
Tgt Ion: 84 Resp: 1470
Ion Ratio Lower Upper
84 100
86 79.6 45.6 84.6
49 157.9 107.0 198.8



#25
Chloroform
Concen: 0.31 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

Tgt Ion: 83 Resp: 3870
Ion Ratio Lower Upper
83 100
85 55.1 45.1 83.9

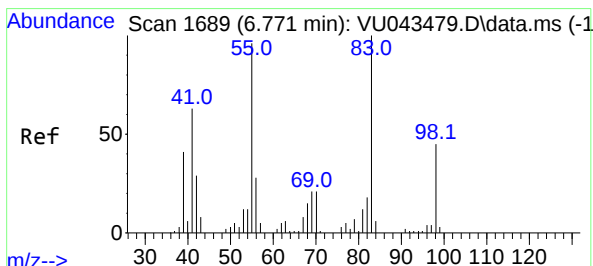
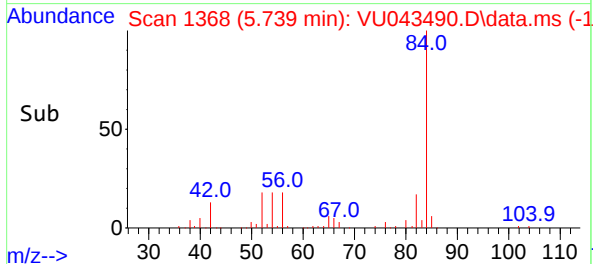
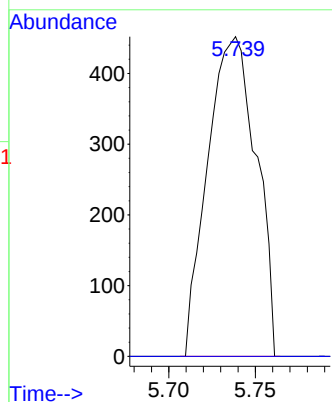
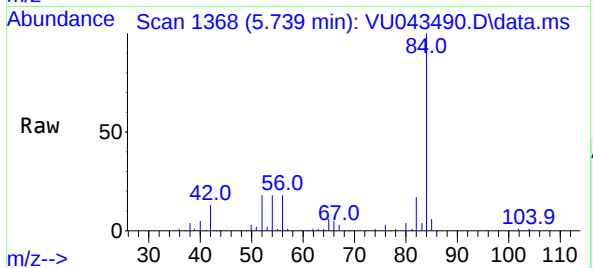




#27
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

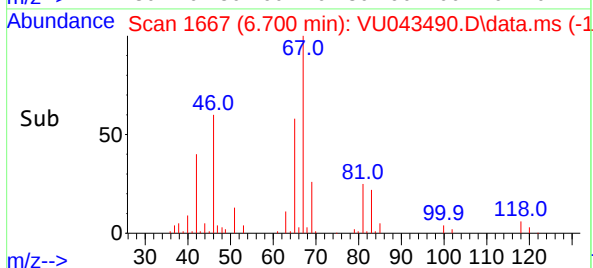
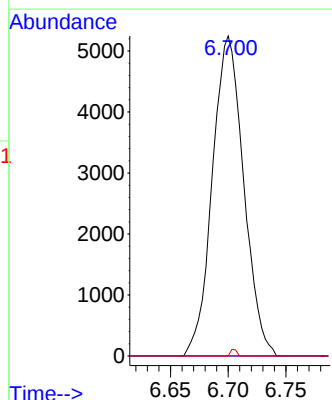
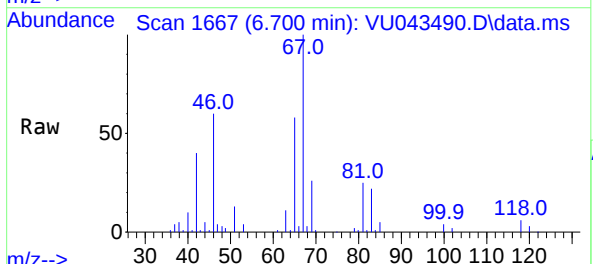
Instrument :
MSVOA_U
ClientSampled :

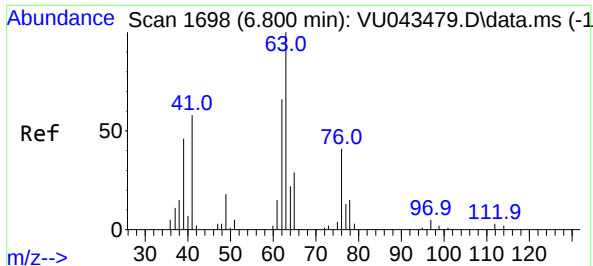
Tgt Ion: 62 Resp: 881
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#35
Methylcyclohexane
Concen: 1.32 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

Tgt Ion: 83 Resp: 9904
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.4 35.5 53.3#

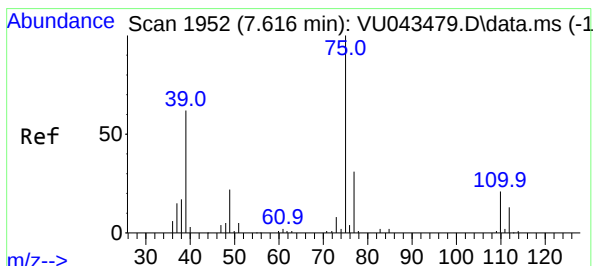
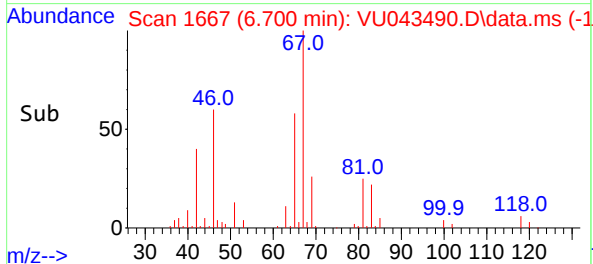
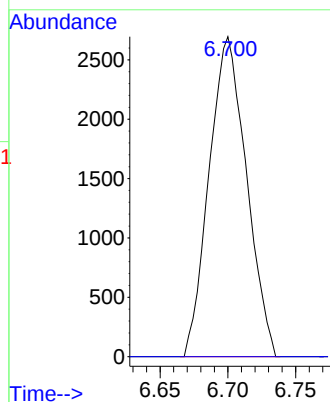
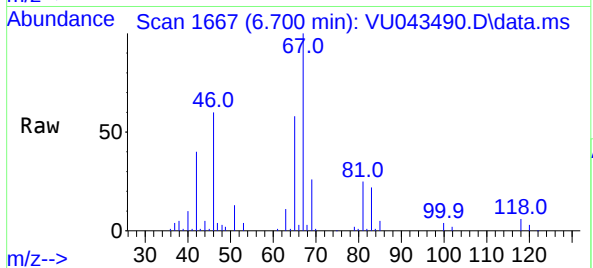




#37
1,2-Dichloropropane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

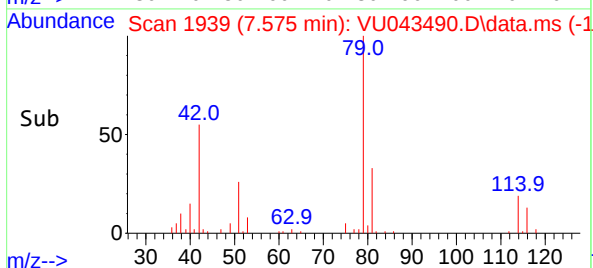
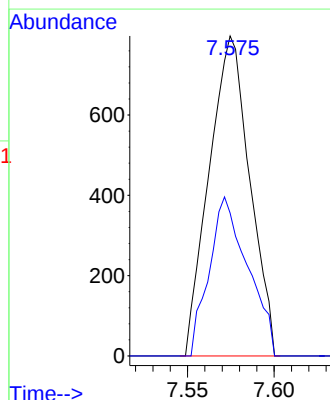
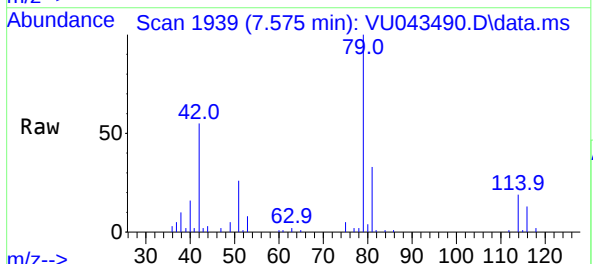
Instrument :
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ClientSampled :

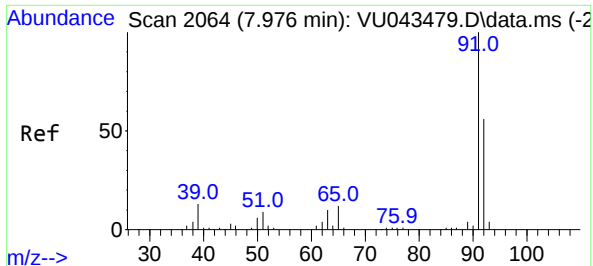
Tgt Ion: 63 Resp: 5164
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.14 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

Tgt Ion: 75 Resp: 1300
Ion Ratio Lower Upper
75 100
77 44.7 21.9 40.7#

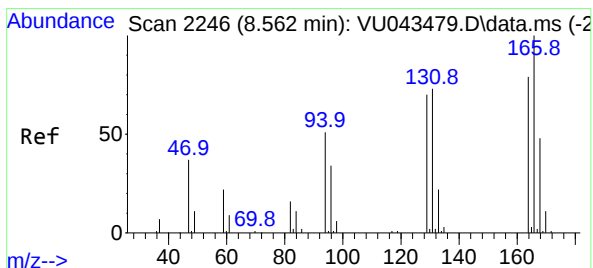
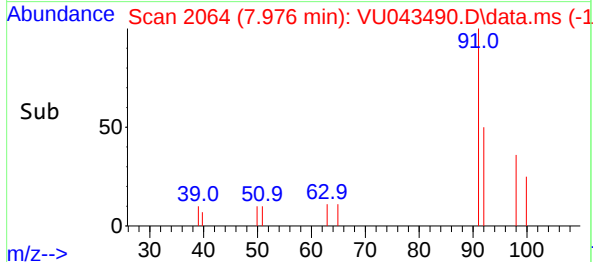
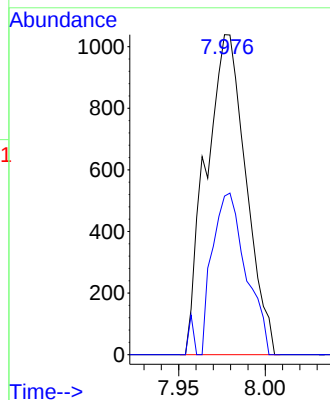
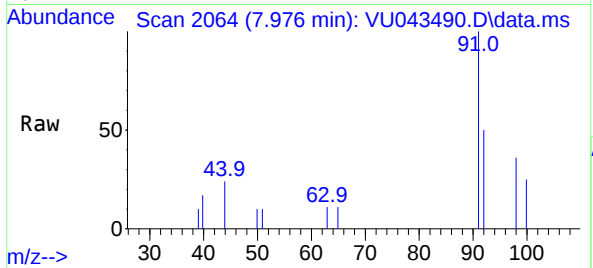




#42
Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

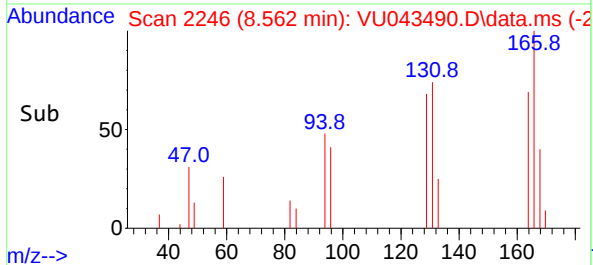
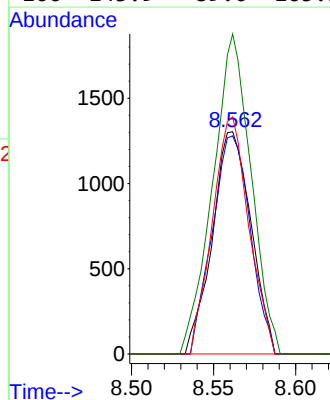
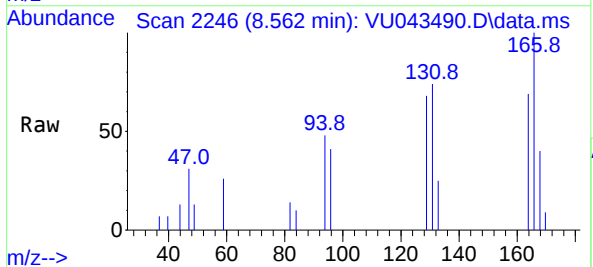
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MSVOA_U
ClientSampled :

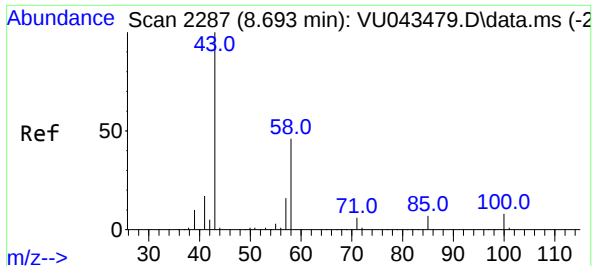
Tgt Ion: 91 Resp: 1668
Ion Ratio Lower Upper
91 100
92 49.6 39.1 72.5



#47
Tetrachloroethene
Concen: 0.50 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

Tgt Ion: 164 Resp: 2135
Ion Ratio Lower Upper
164 100
129 98.1 62.5 116.1
131 106.6 64.9 120.5
166 143.9 89.0 165.2

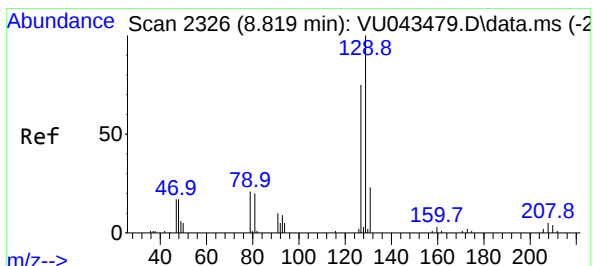
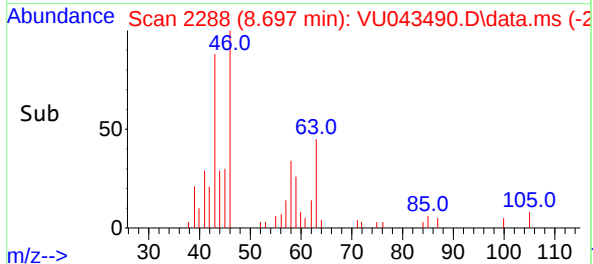
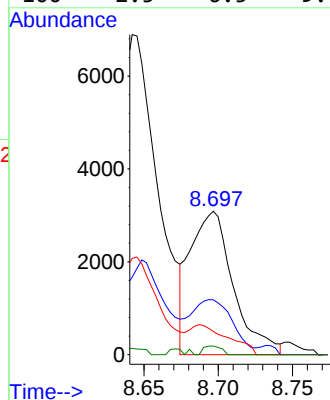
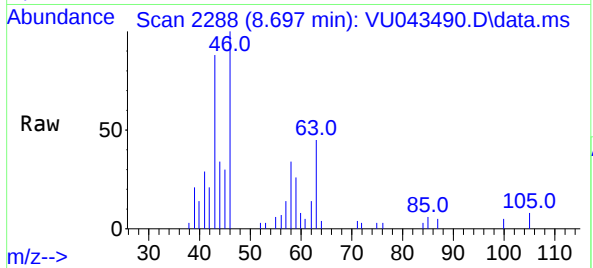




#48
2-Hexanone
Concen: 1.51 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

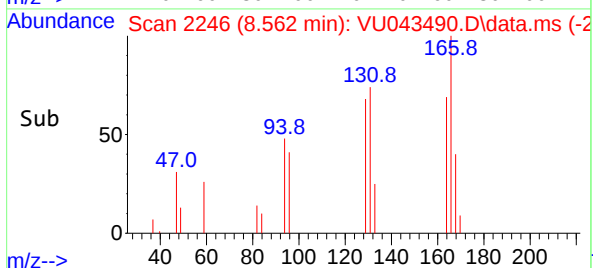
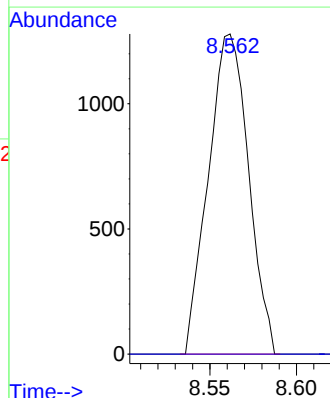
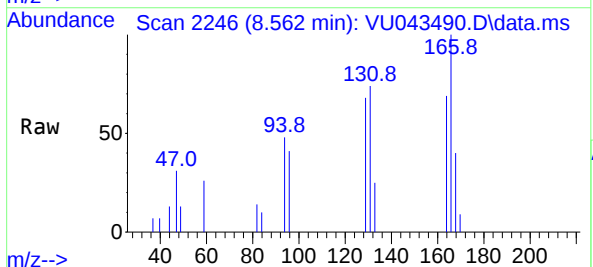
Instrument :
MSVOA_U
ClientSampleId :

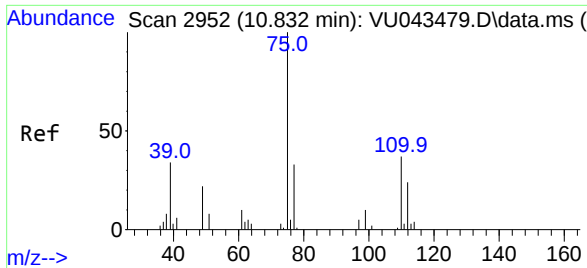
Tgt Ion: 43 Resp: 6246
Ion Ratio Lower Upper
43 100
58 35.8 36.8 55.2#
57 18.5 13.2 19.8
100 2.5 6.5 9.7#



#49
Dibromochloromethane
Concen: 0.36 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

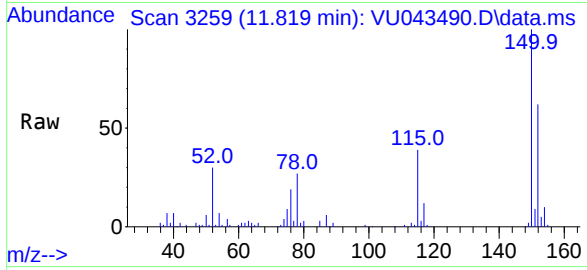
Tgt Ion: 129 Resp: 2061
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#





#61
1,2,3-Trichloropropane
Concen: 1.36 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043490.D
Acq: 03 May 2021 17:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5074
Ion Ratio Lower Upper
75 100
110 0.5 28.6 42.8#
77 33.1 25.7 38.5

