

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043523.D
 Acq On : 04 May 2021 15:47
 Operator : SY/MD
 Sample : M2195-01DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK150

Quant Time: May 05 04:58:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

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

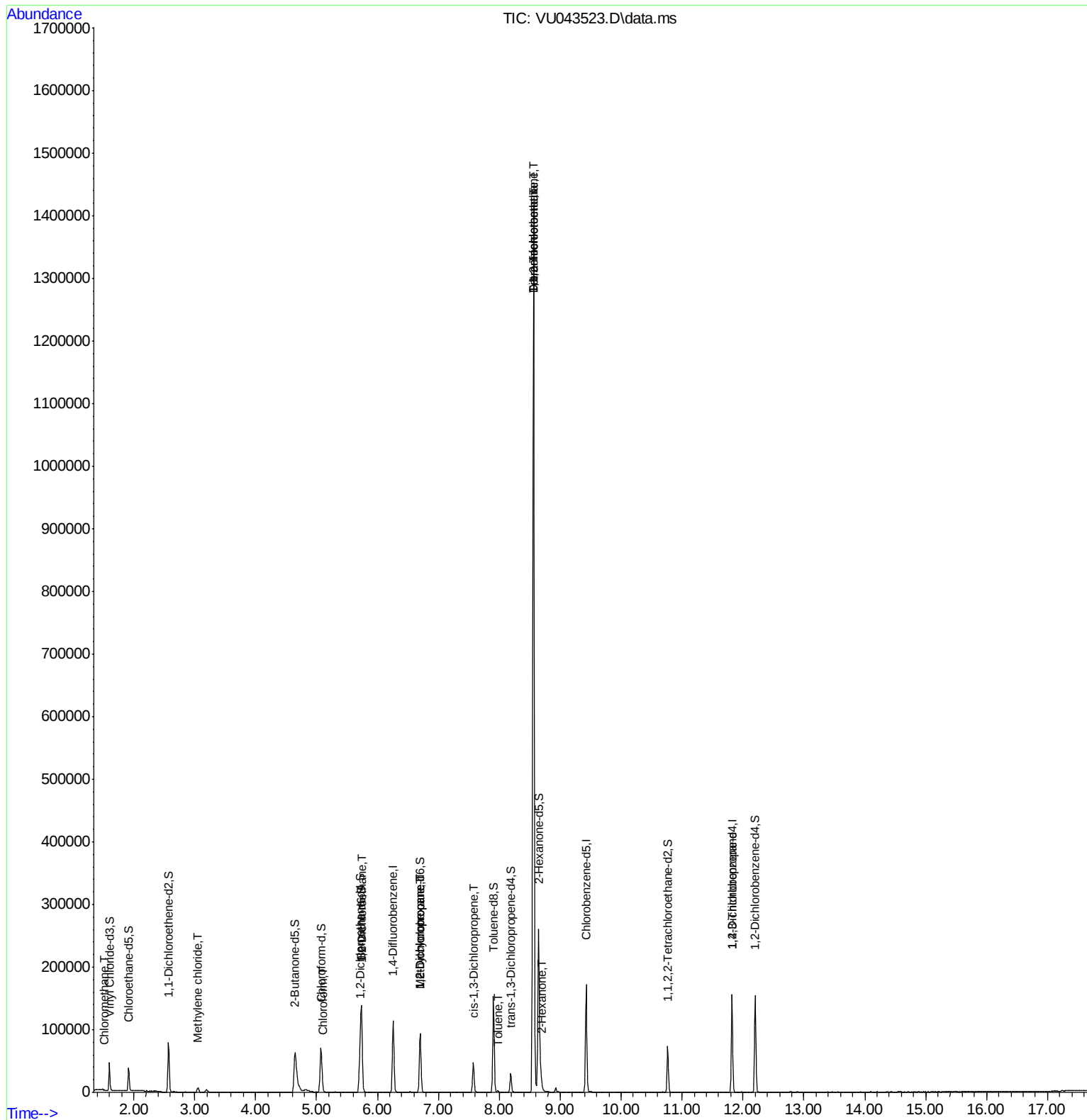
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	83341	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84723	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	38033	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30286	4.52	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.40%			
7) Chloroethane-d5	1.916	69	24162	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.572	65	15493	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%			
20) 2-Butanone-d5	4.649	46	117528	56.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.98%			
24) Chloroform-d	5.073	84	63641	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.713	65	40746	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
32) Benzene-d6	5.735	84	114132	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.700	67	41870	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.906	98	92410	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%			
43) trans-1,3-Dichloroprop...	8.189	79	15902	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.645	63	85336	62.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.50%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35345	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.60%			
66) 1,2-Dichlorobenzene-d4	12.201	152	37602	5.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	659	0.11	ug/L	93
16) Methylene chloride	3.054	84	3422	0.46	ug/L	97
25) Chloroform	5.099	83	2219	0.18	ug/L	89
27) 1,2-Dichloroethane	5.739	62	816	0.10	ug/L #	78
35) Methylcyclohexane	6.700	83	9050	1.23	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4968	0.75	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1096	0.12	ug/L #	41
42) Toluene	7.977	91	1616	0.07	ug/L	98
45) 1,1,2-Trichloroethane	8.559	97	2760	0.60	ug/L #	8
47) Tetrachloroethene	8.562	164	287369	68.45	ug/L	98
48) 2-Hexanone	8.694	43	4404	1.09	ug/L #	83
49) Dibromochloromethane	8.562	129	272605	48.98	ug/L #	12
61) 1,2,3-Trichloropropane	11.822	75	5069	1.32	ug/L #	64

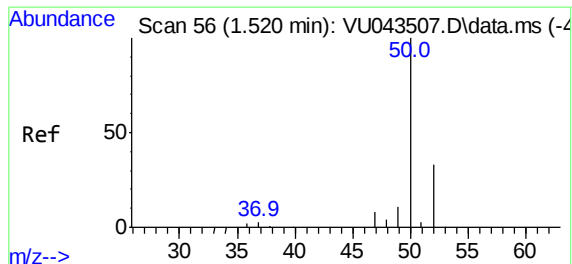
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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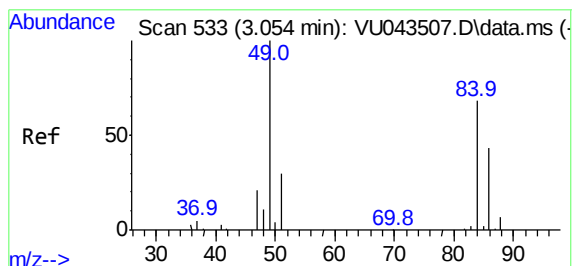
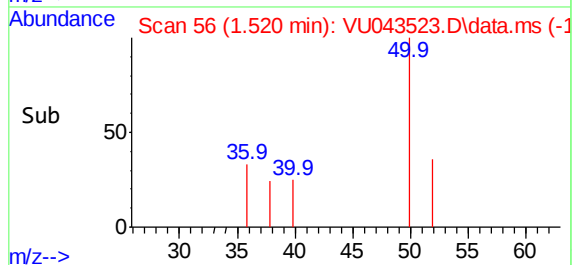
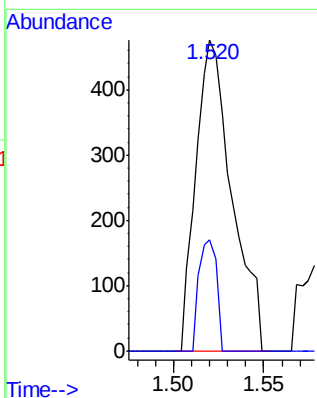
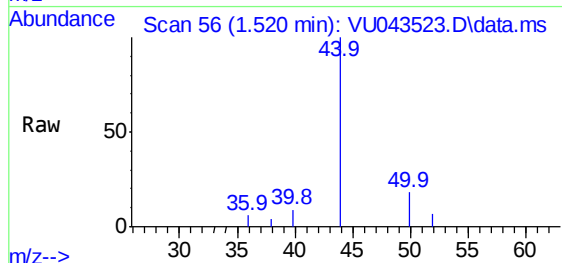




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

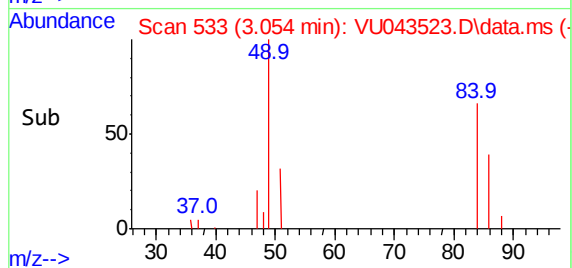
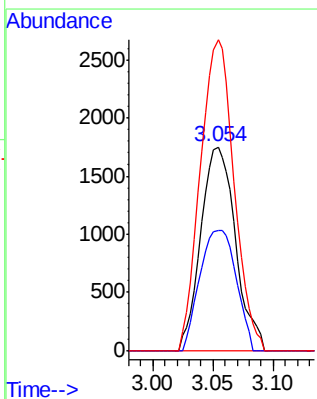
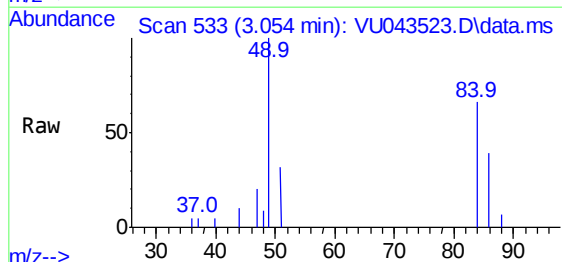
Instrument :
MSVOA_U
ClientSampleId :
VIBLK150

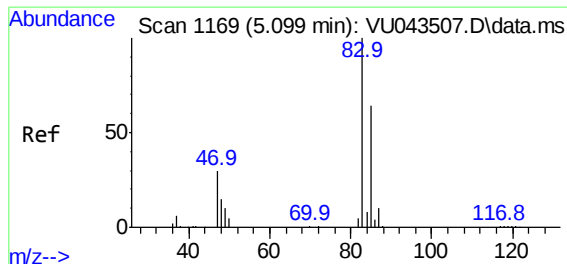
Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 35.7 22.1 41.1



#16
Methylene chloride
Concen: 0.46 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

Tgt Ion: 84 Resp: 3422
Ion Ratio Lower Upper
84 100
86 58.9 45.6 84.6
49 152.5 107.0 198.8

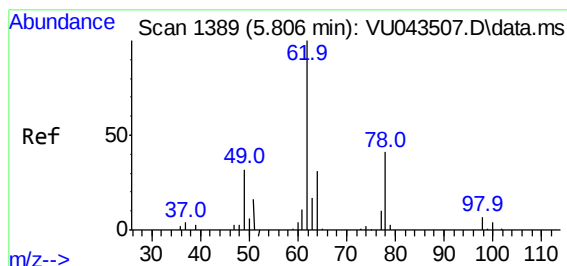
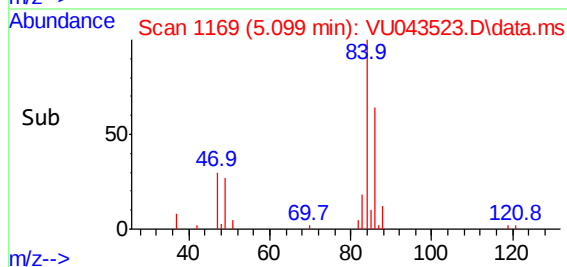
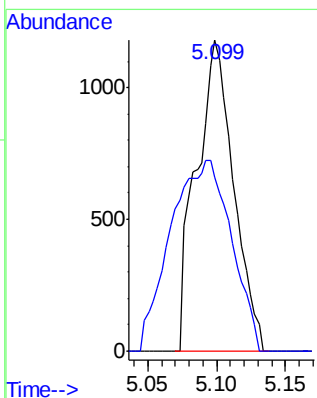
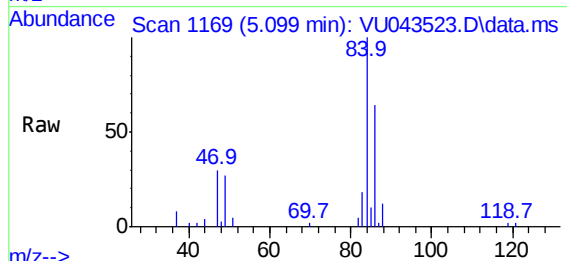




#25
Chloroform
Concen: 0.18 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

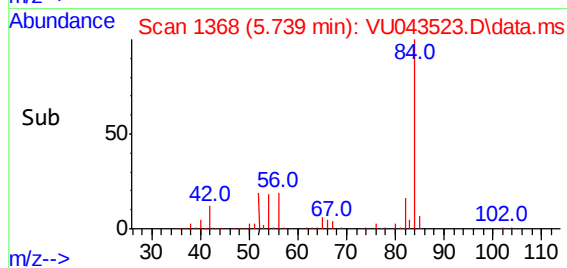
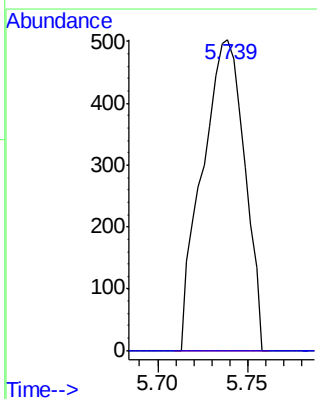
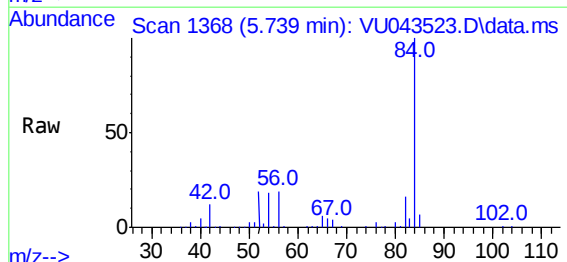
Instrument :
MSVOA_U
ClientSampleId :
VIBLK150

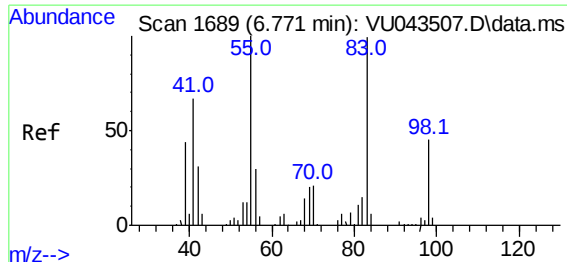
Tgt Ion: 83 Resp: 2219
Ion Ratio Lower Upper
83 100
85 55.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

Tgt Ion: 62 Resp: 816
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

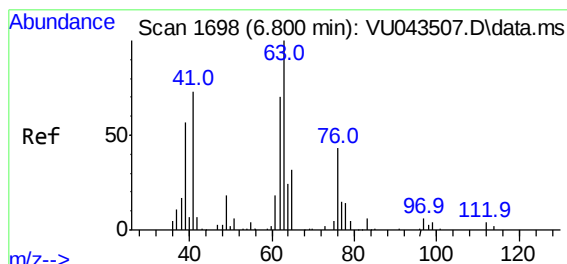
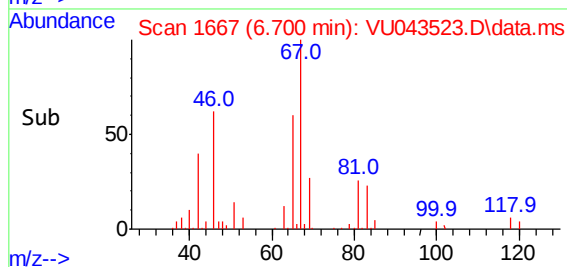
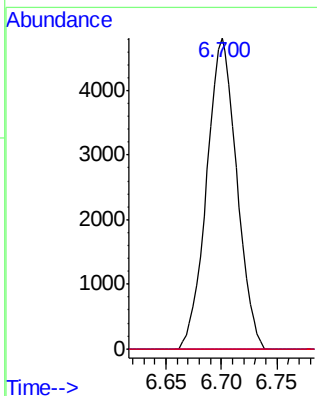
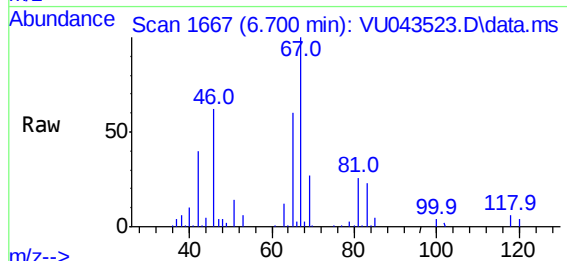




#35
Methylcyclohexane
Concen: 1.23 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

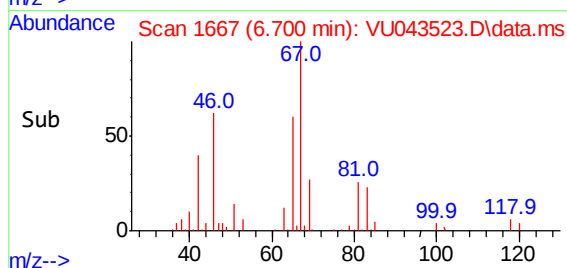
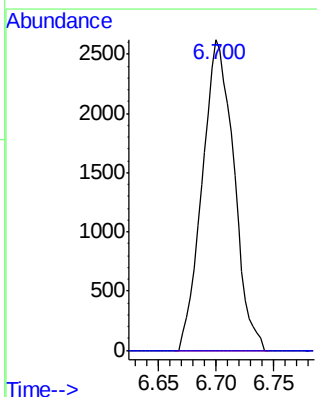
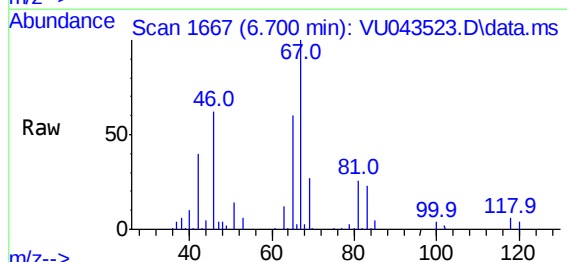
Instrument :
MSVOA_U
ClientSampleId :
VIBLK150

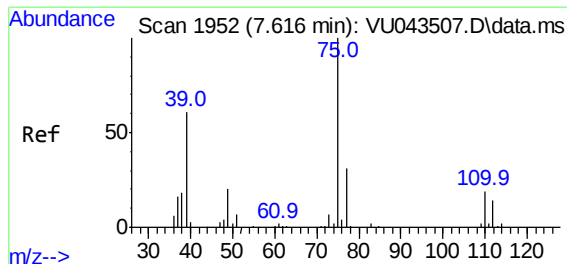
Tgt Ion: 83 Resp: 9050
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

Tgt Ion: 63 Resp: 4968
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

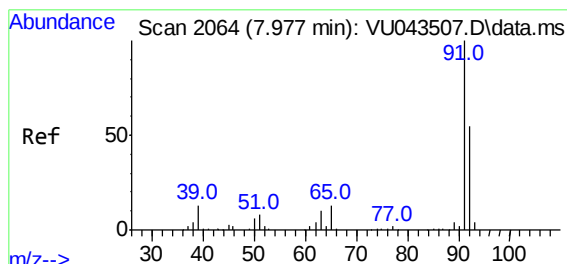
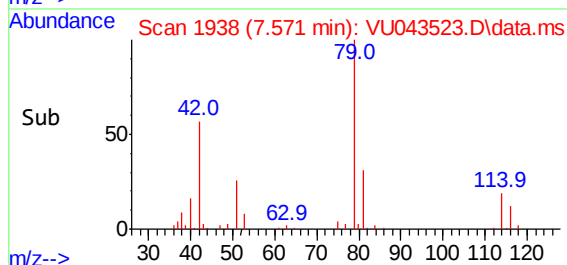
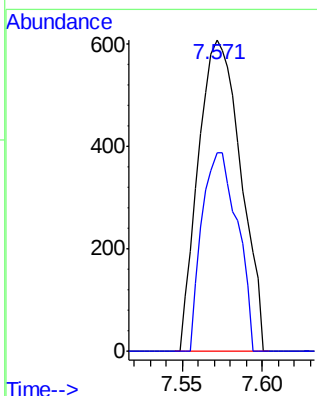
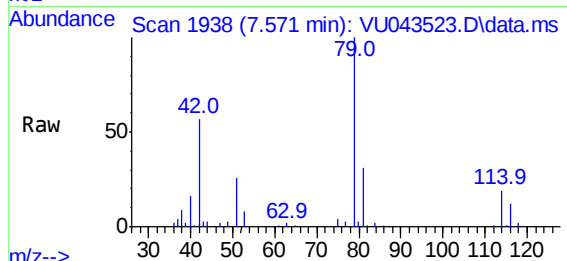




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

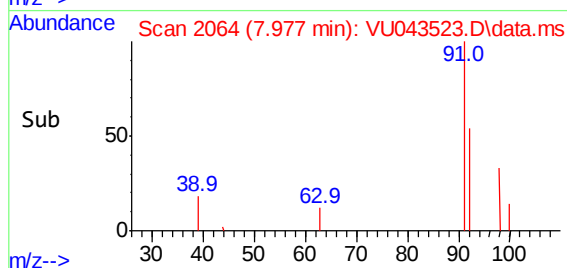
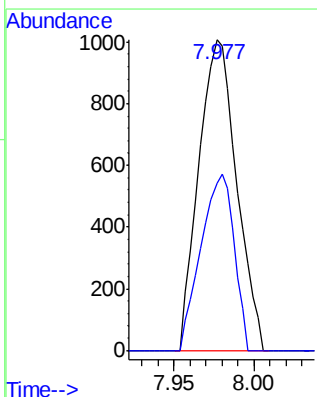
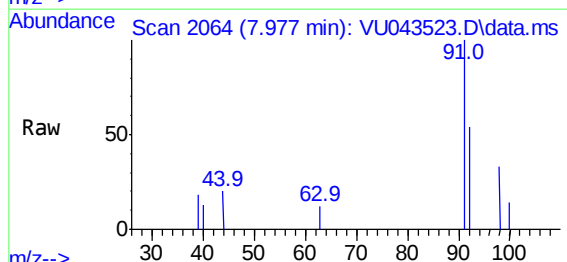
Instrument :
MSVOA_U
ClientSampleId :
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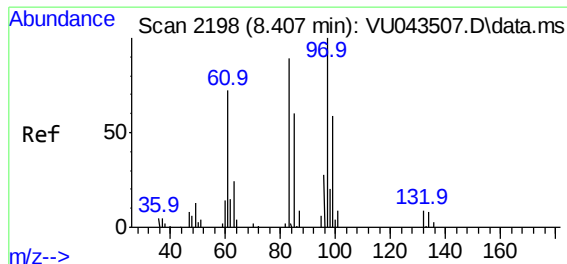
Tgt Ion: 75 Resp: 1096
Ion Ratio Lower Upper
75 100
77 63.9 21.9 40.7#



#42
Toluene
Concen: 0.07 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

Tgt Ion: 91 Resp: 1616
Ion Ratio Lower Upper
91 100
92 54.0 39.1 72.5

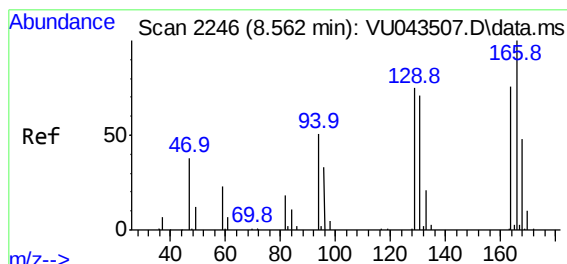
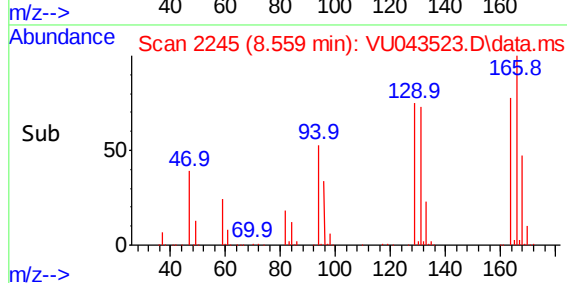
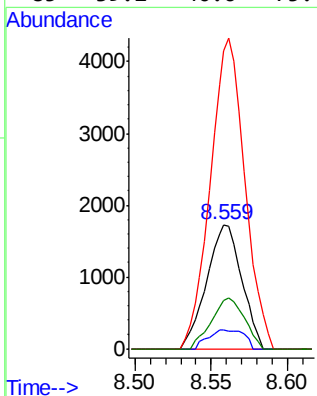
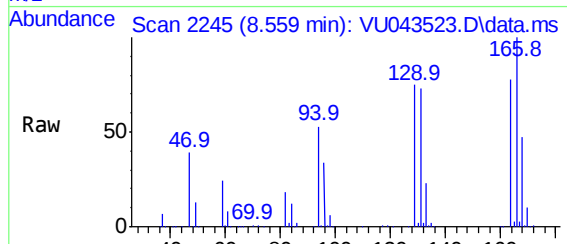




#45
1,1,2-Trichloroethane
Concen: 0.60 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

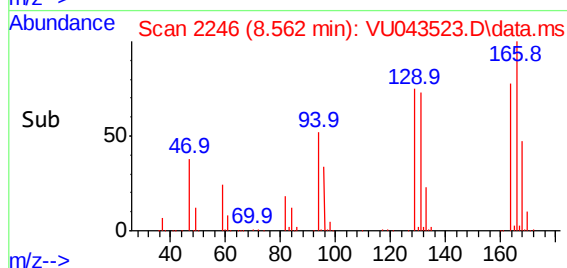
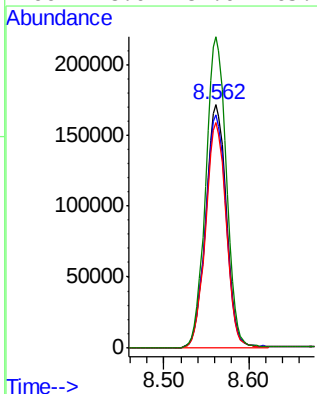
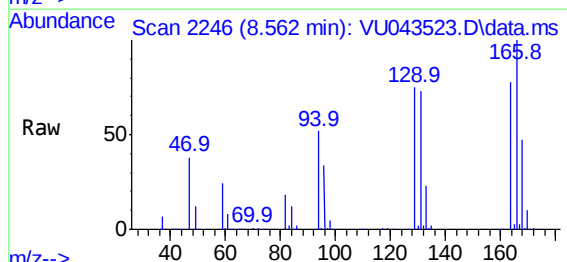
Instrument :
MSVOA_U
ClientSampled :
VIBLK150

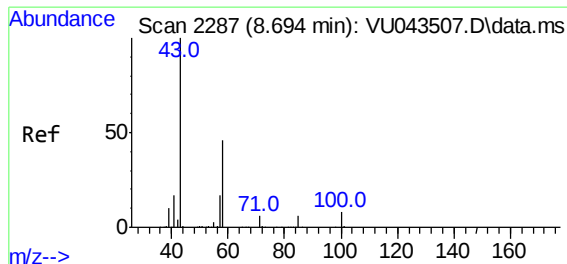
Tgt Ion: 97 Resp: 2760
Ion Ratio Lower Upper
97 100
99 15.7 42.6 79.0#
83 240.7 64.1 119.1#
85 39.2 40.6 75.4#



#47
Tetrachloroethene
Concen: 68.45 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

Tgt Ion: 164 Resp: 287369
Ion Ratio Lower Upper
164 100
129 96.0 62.5 116.1
131 92.8 64.9 120.5
166 128.0 89.0 165.2

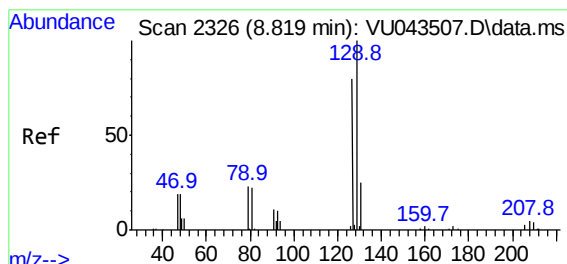
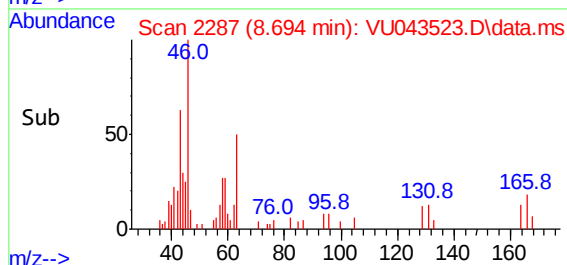
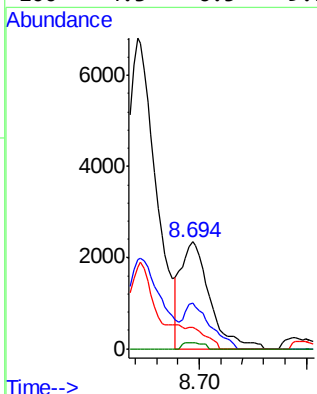
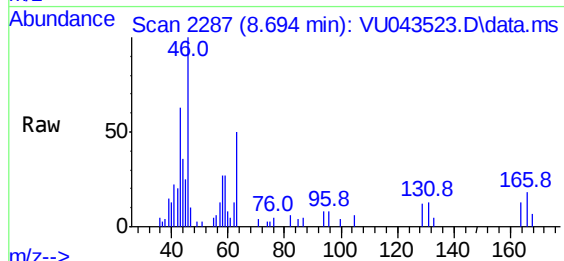




#48
2-Hexanone
Concen: 1.09 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

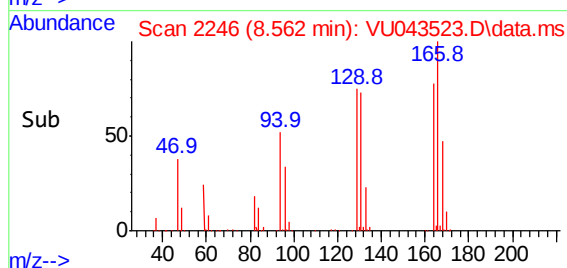
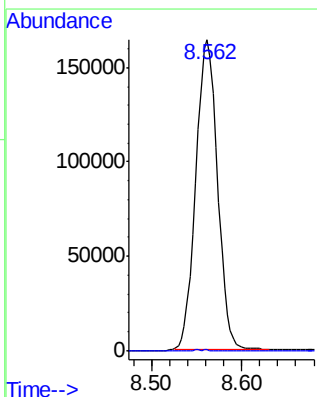
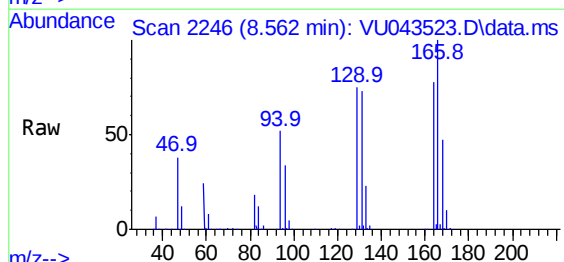
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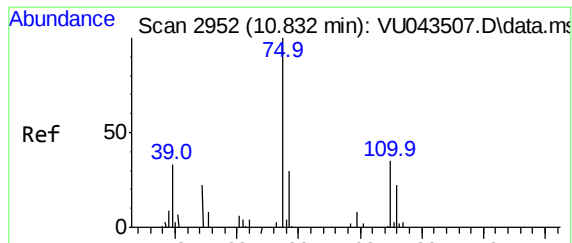
Tgt Ion:	43	Resp:	4404
Ion	Ratio	Lower	Upper
43	100		
58	39.1	36.8	55.2
57	0.0	13.2	19.8#
100	4.3	6.5	9.7#



#49
Dibromochloromethane
Concen: 48.98 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043523.D
Acq: 04 May 2021 15:47

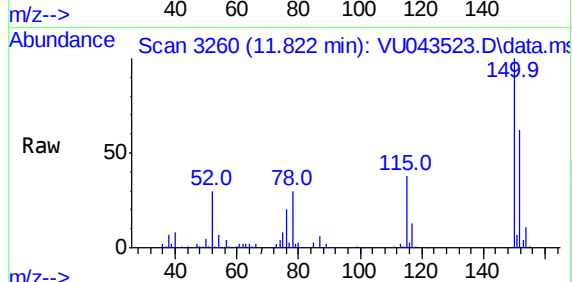
Tgt Ion:	129	Resp:	272605
Ion	Ratio	Lower	Upper
129	100		
127	0.1	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.32 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU043523.D
 Acq: 04 May 2021 15:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK150



Tgt Ion: 75 Resp: 5069
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 42.8#
 77 36.6 25.7 38.5

