

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042163.D
 Acq On : 22 Jan 2021 12:28
 Operator : SY/MD
 Sample : VU0122WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK99

Quant Time: Jan 23 06:19:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

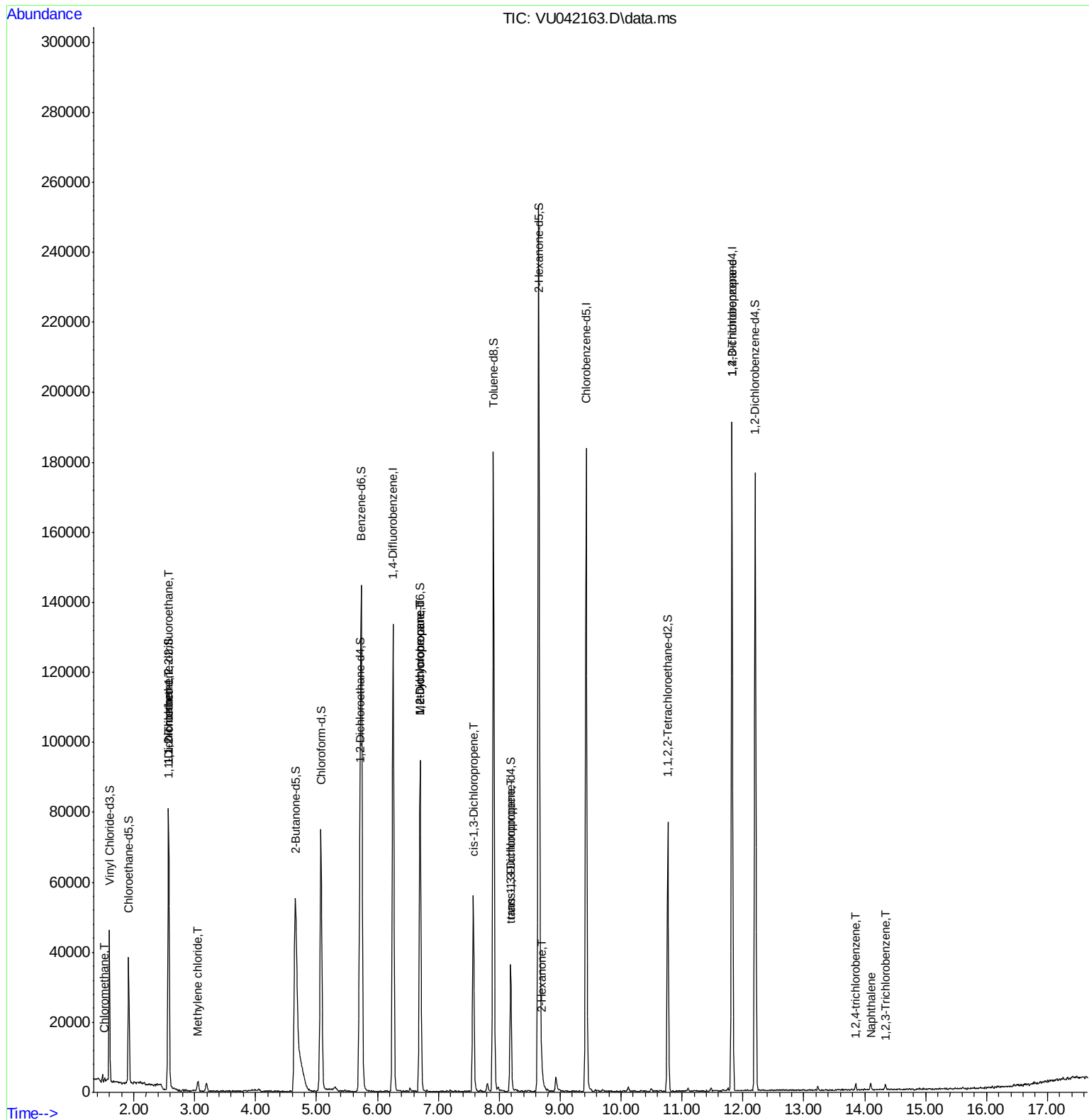
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	104930	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	96422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	50199	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28145	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.916	69	24287	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.571	63	48954	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.652	46	135525	54.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.74%
24) Chloroform-d	5.073	84	67440	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.713	65	41873	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.735	84	122887	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	41718	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.906	98	112907	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	8.189	79	19291	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.645	63	95164	53.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.18%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	36564	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.205	152	46061	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
3) Chloromethane	1.520	50	740	0.08	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	406	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	441	0.06	ug/L #	1
16) Methylene chloride	3.054	84	1238	0.15	ug/L	90
35) Methylcyclohexane	6.700	83	9831	0.77	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	4822	0.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1281	0.10	ug/L #	67
44) trans-1,3-Dichloropropene	8.185	75	990	0.09	ug/L #	72
48) 2-Hexanone	8.700	43	3633	0.82	ug/L #	41
59) 1,2,3-Trichloropropane	11.822	75	5916	1.12	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	655	0.07	ug/L #	95
69) Naphthalene	14.098	128	2146	0.15	ug/L #	81
70) 1,2,3-Trichlorobenzene	14.346	180	669	0.08	ug/L	94

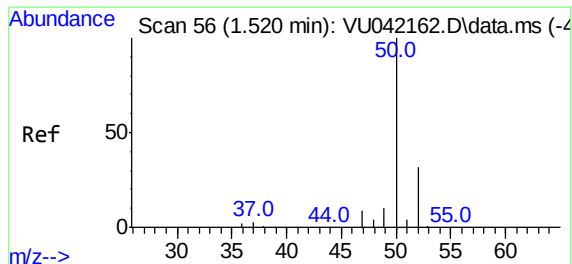
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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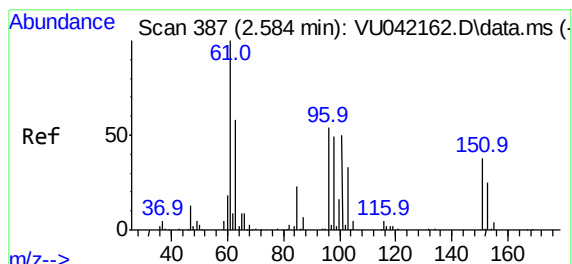
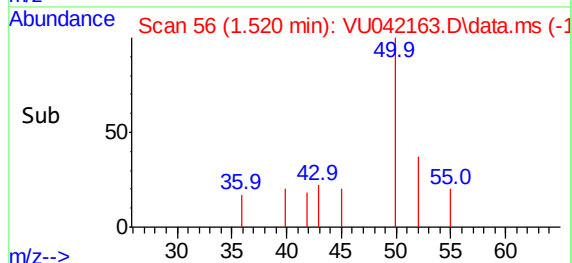
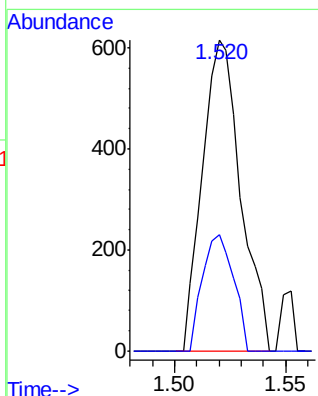
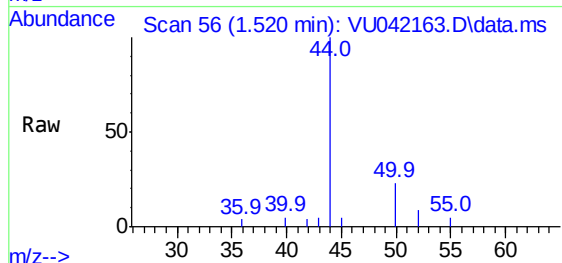




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

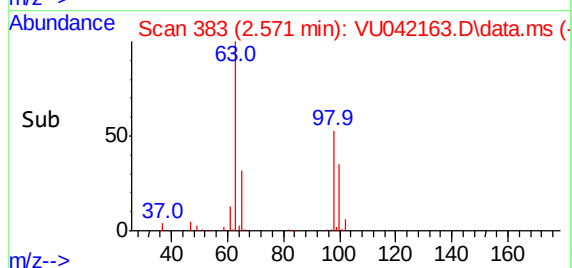
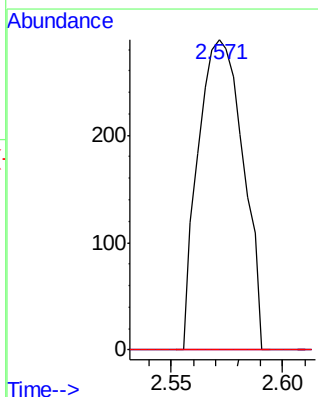
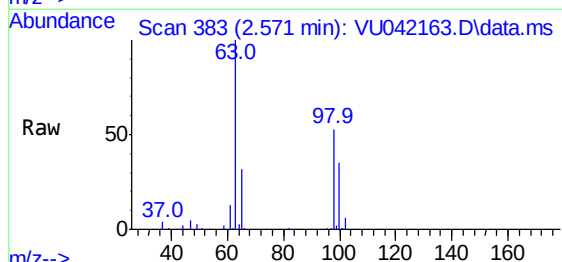
Instrument :
MSVOA_U
ClientSampleId :
VBLK99

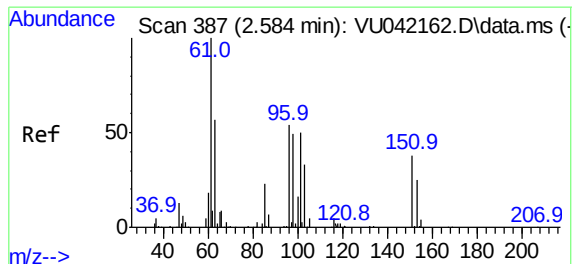
Tgt Ion: 50 Resp: 740
Ion Ratio Lower Upper
50 100
52 37.2 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

Tgt Ion:101 Resp: 406
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

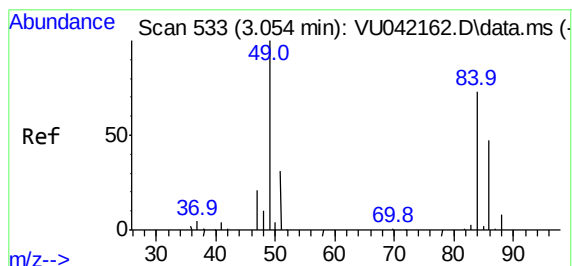
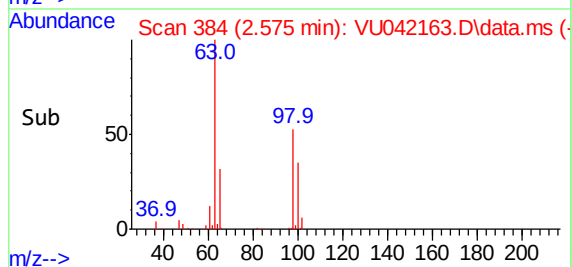
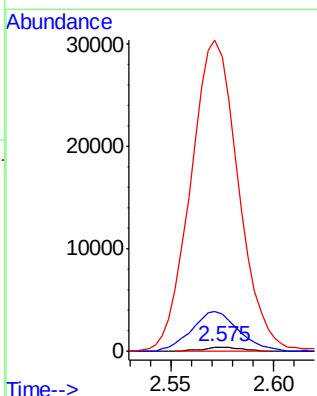
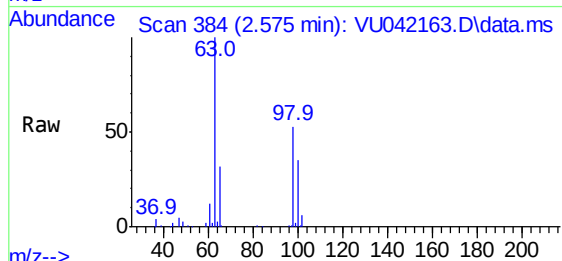




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

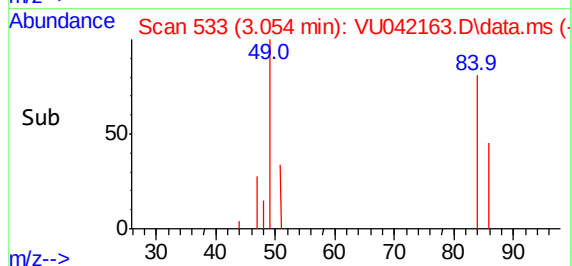
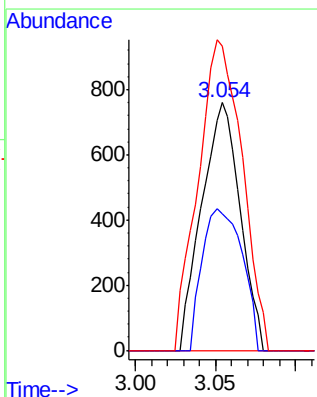
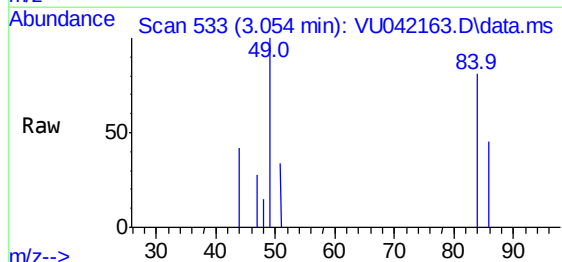
Instrument :
MSVOA_U
ClientSampleId :
VBLK99

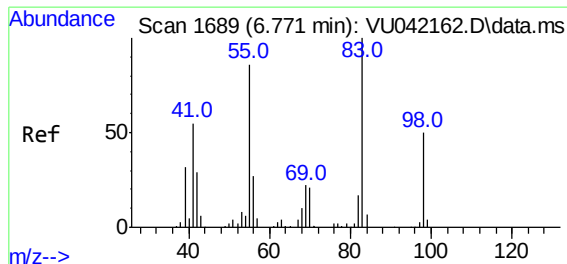
Tgt Ion: 96 Resp: 441
Ion Ratio Lower Upper
96 100
61 991.4 126.2 234.4#
63 7995.5 77.8 144.4#



#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

Tgt Ion: 84 Resp: 1238
Ion Ratio Lower Upper
84 100
86 55.3 44.1 81.9
49 122.9 95.0 176.4

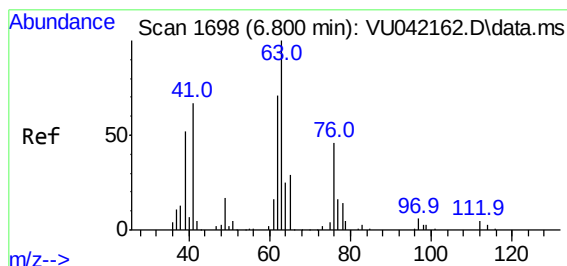
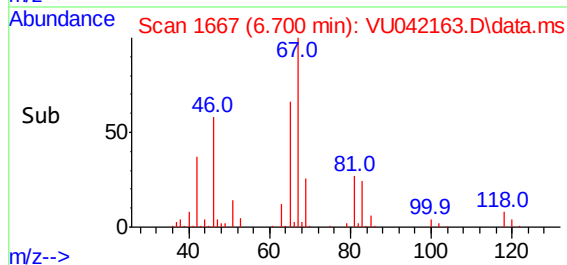
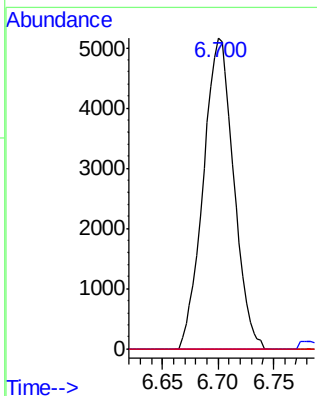
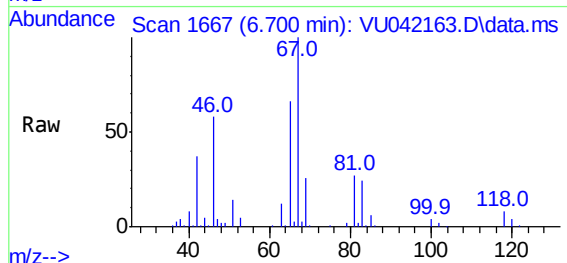




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

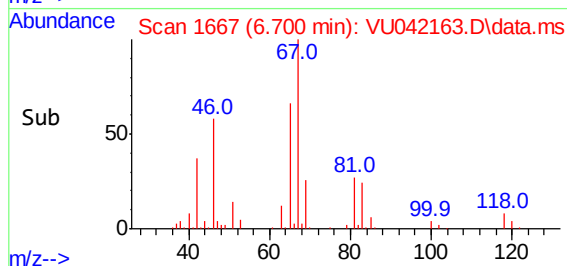
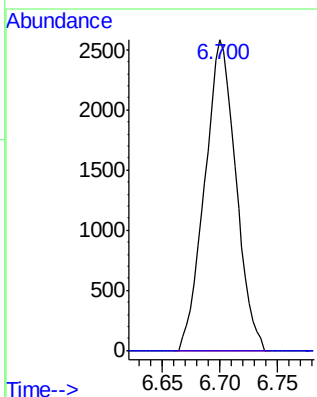
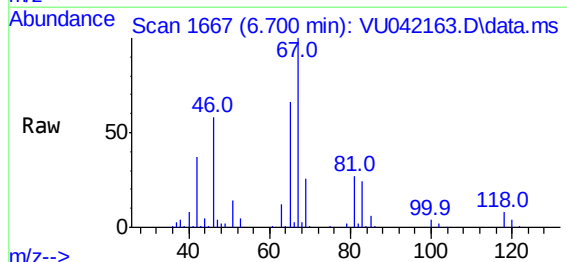
Instrument :
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ClientSampleId :
VBLK99

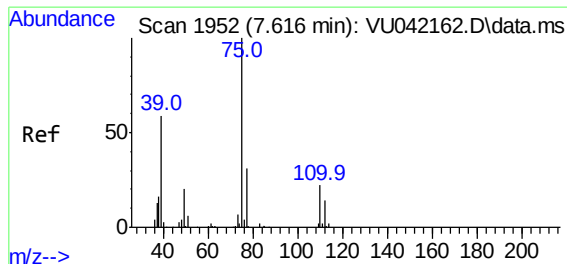
Tgt Ion: 83 Resp: 9831
Ion Ratio Lower Upper
83 100
55 1.2 68.2 102.4#
98 0.8 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

Tgt Ion: 63 Resp: 4822
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

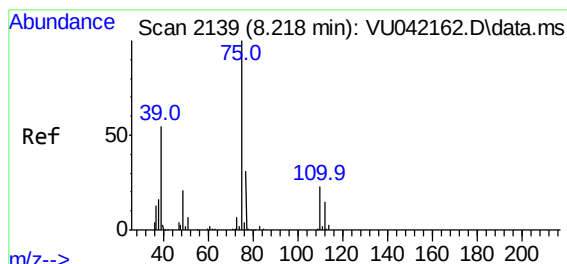
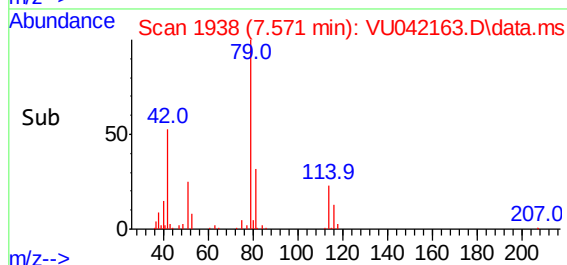
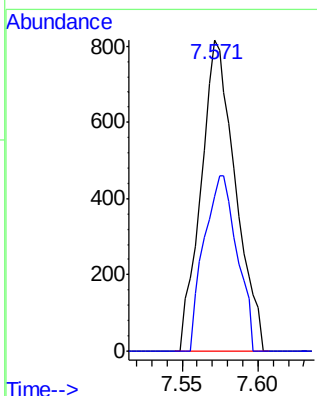
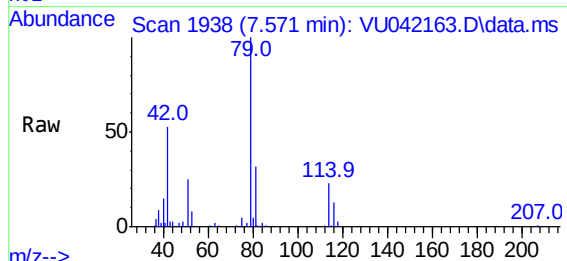




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

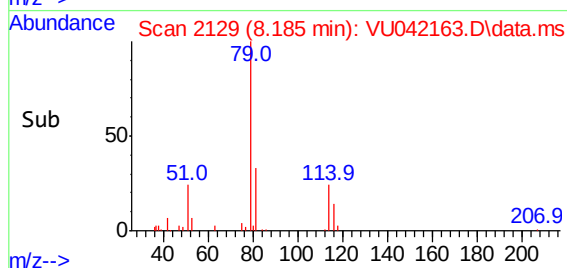
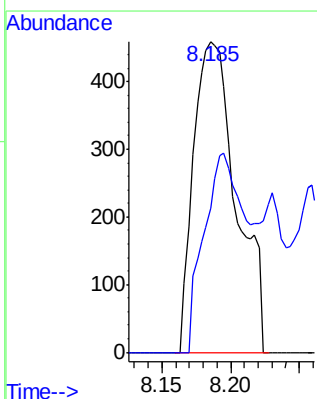
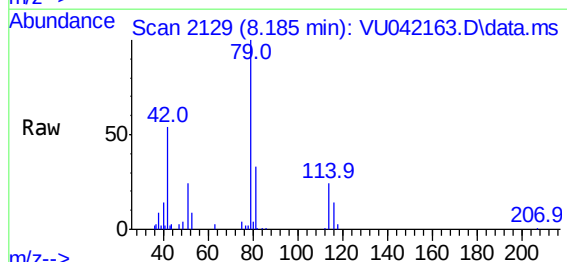
Instrument :
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ClientSampleId :
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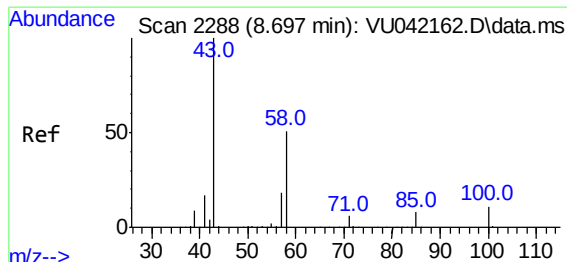
Tgt Ion: 75 Resp: 1281
Ion Ratio Lower Upper
75 100
77 49.9 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

Tgt Ion: 75 Resp: 990
Ion Ratio Lower Upper
75 100
77 46.4 21.8 40.4#

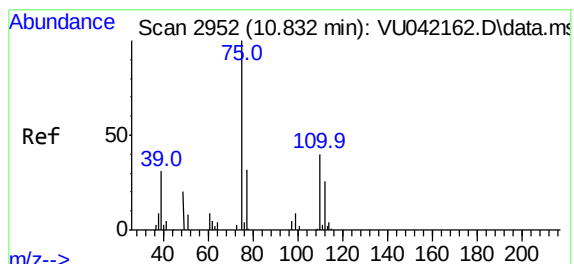
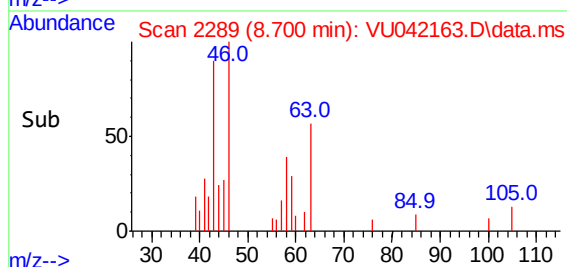
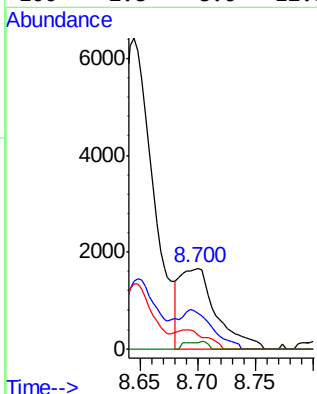
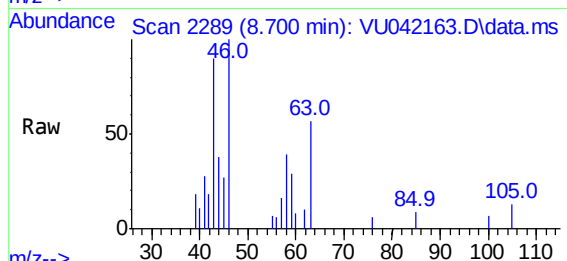




#48
2-Hexanone
Concen: 0.82 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

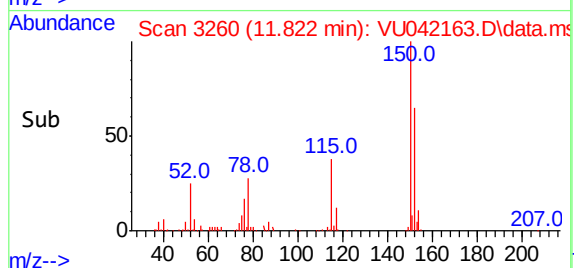
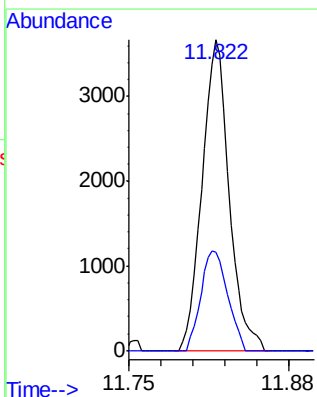
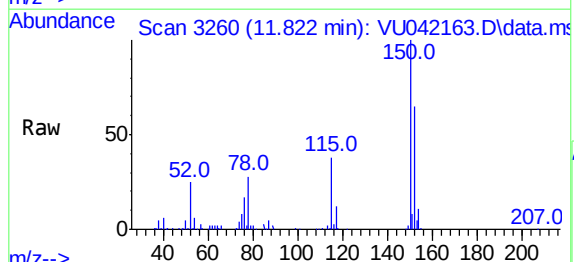
Instrument :
MSVOA_U
ClientSampled :
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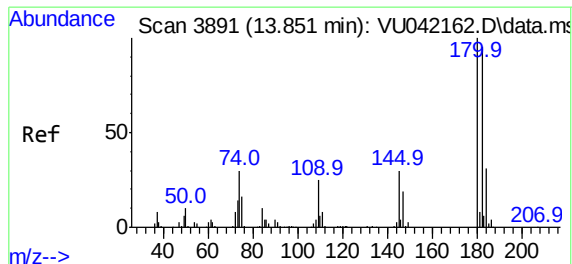
Tgt Ion: 43 Resp: 3633
Ion Ratio Lower Upper
43 100
58 0.0 40.6 61.0#
57 0.0 14.9 22.3#
100 2.8 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

Tgt Ion: 75 Resp: 5916
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0

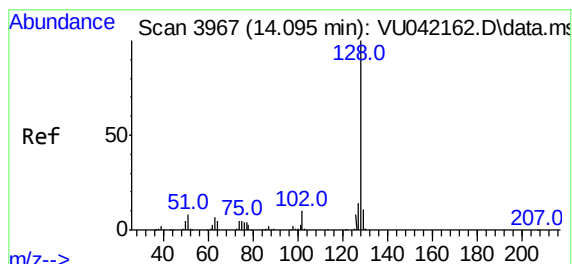
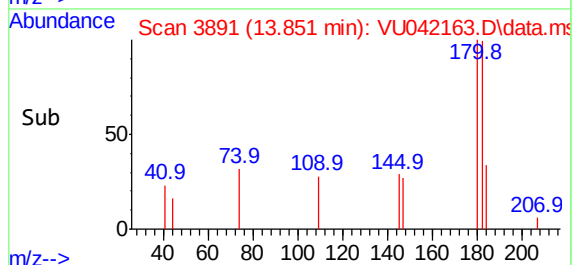
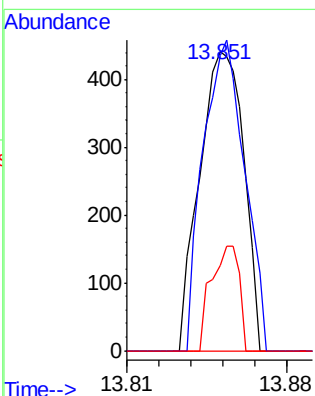
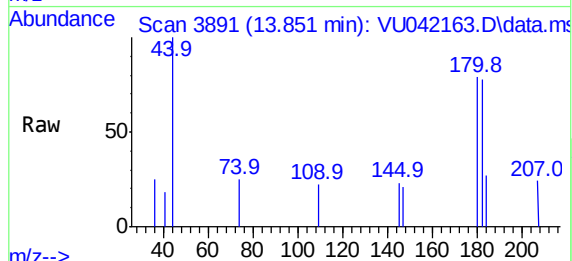




#68
1,2,4-trichlorobenzene
Concen: 0.07 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. -0.000 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

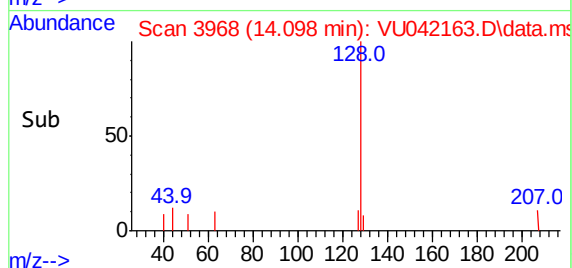
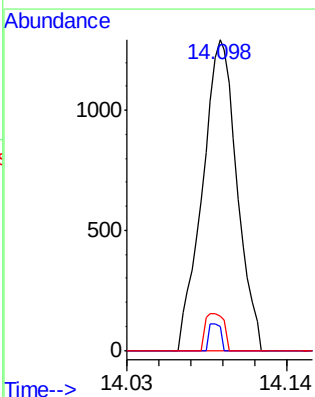
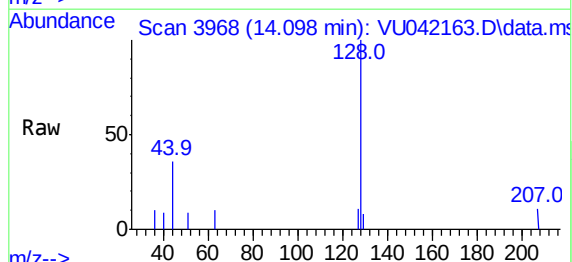
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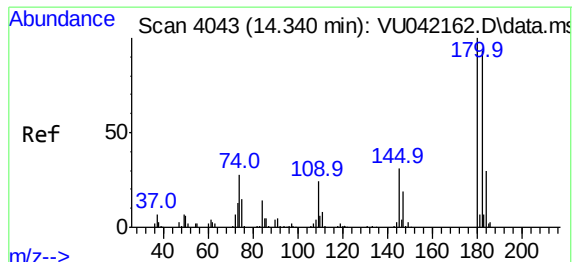
Tgt Ion:180 Resp: 655
Ion Ratio Lower Upper
180 100
182 97.7 76.3 114.5
145 22.3 23.7 35.5#



#69
Naphthalene
Concen: 0.15 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042163.D
Acq: 22 Jan 2021 12:28

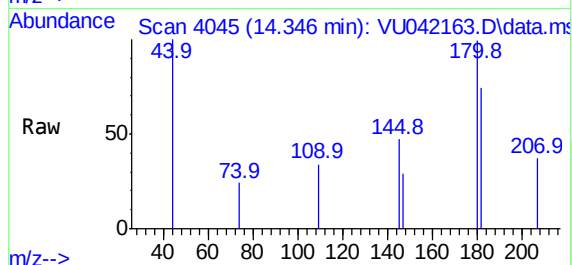
Tgt Ion:128 Resp: 2146
Ion Ratio Lower Upper
128 100
129 2.9 8.7 13.1#
127 6.4 10.6 15.8#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.08 ug/L
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.006 min
 Lab File: VU042163.D
 Acq: 22 Jan 2021 12:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK99



Tgt Ion:	180	Resp:	669
Ion	Ratio	Lower	Upper
180	100		
182	98.4	75.6	113.4
145	36.8	24.7	37.1

