

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043508.D
 Acq On : 04 May 2021 10:01
 Operator : SY/MD
 Sample : VU0504WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK145

Quant Time: May 05 04:51:43 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)

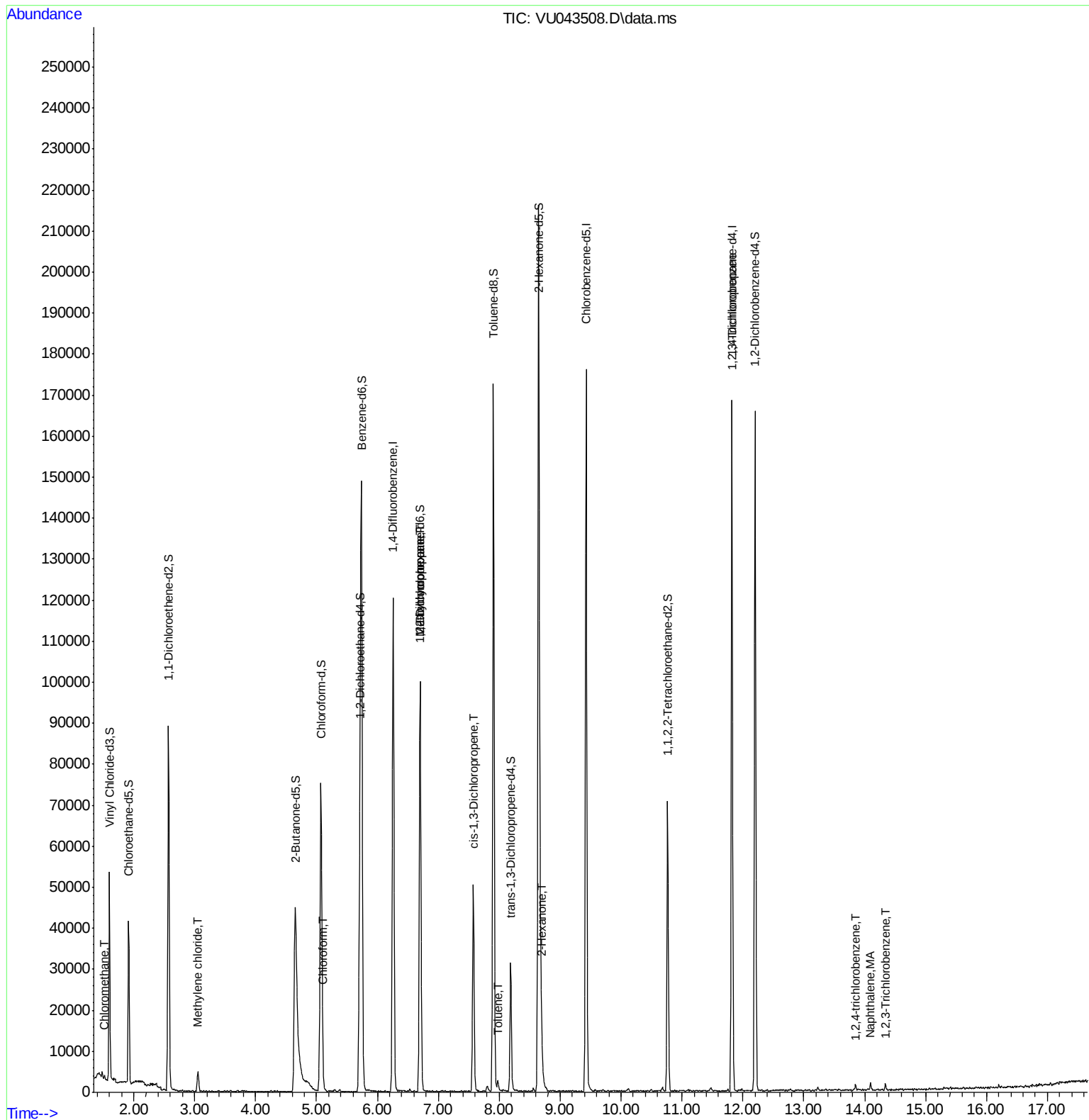
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	88233	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	87910	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39881	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34545	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.916	69	25865	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.572	65	16809	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.652	46	109700	49.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.60%
24) Chloroform-d	5.073	84	64679	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.713	65	41735	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.739	84	123591	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.700	67	44230	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.906	98	105389	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.189	79	16151	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.645	63	73222	51.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.78%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34172	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	38923	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	762	0.12	ug/L #	73
16) Methylene chloride	3.054	84	1907	0.24	ug/L	87
25) Chloroform	5.102	83	2589	0.20	ug/L	94
35) Methylcyclohexane	6.700	83	9922	1.30	ug/L #	12
37) 1,2-Dichloropropane	6.703	63	5316	0.77	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1163	0.13	ug/L #	76
42) Toluene	7.980	91	1738	0.07	ug/L	89
48) 2-Hexanone	8.694	43	6883	1.64	ug/L #	87
61) 1,2,3-Trichloropropane	11.822	75	5243	1.30	ug/L #	63
70) 1,2,4-trichlorobenzene	13.854	180	695	0.10	ug/L #	67
71) Naphthalene	14.095	128	1898	0.16	ug/L #	83
72) 1,2,3-Trichlorobenzene	14.336	180	570	0.09	ug/L	97

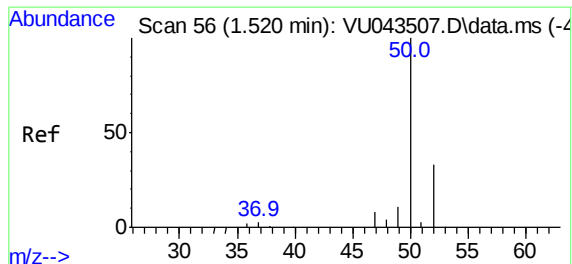
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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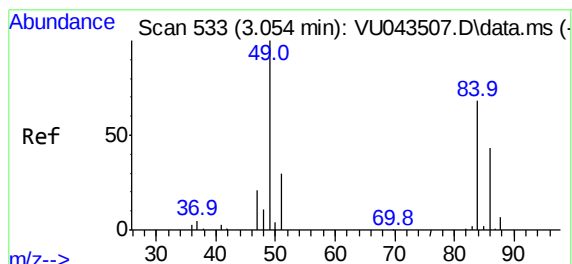
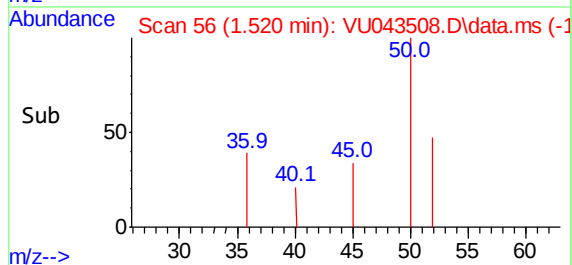
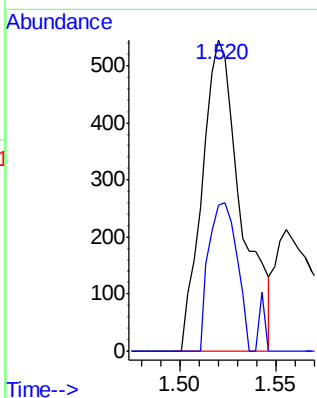
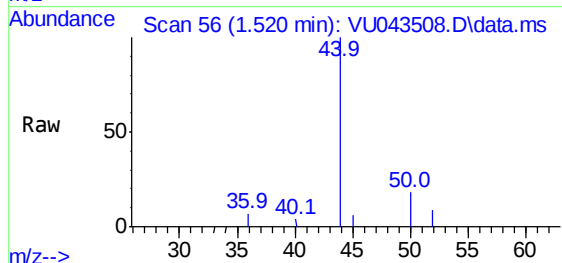




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

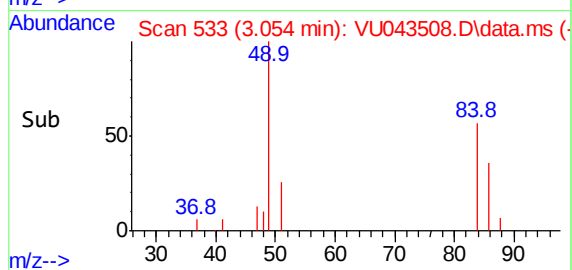
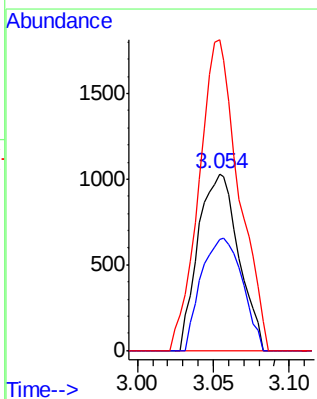
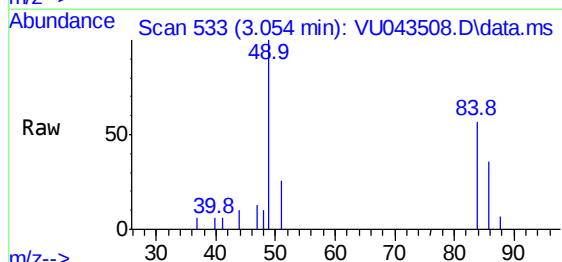
Instrument :
MSVOA_U
ClientSampleId :
VBLK145

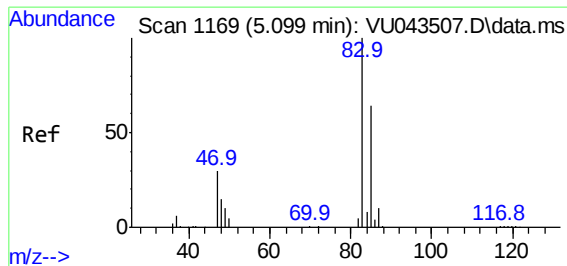
Tgt Ion: 50 Resp: 762
Ion Ratio Lower Upper
50 100
52 46.8 22.1 41.1#



#16
Methylene chloride
Concen: 0.24 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

Tgt Ion: 84 Resp: 1907
Ion Ratio Lower Upper
84 100
86 62.9 45.6 84.6
49 175.8 107.0 198.8

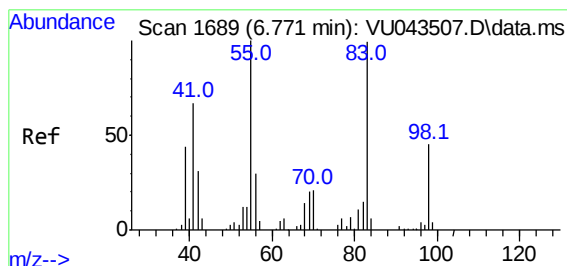
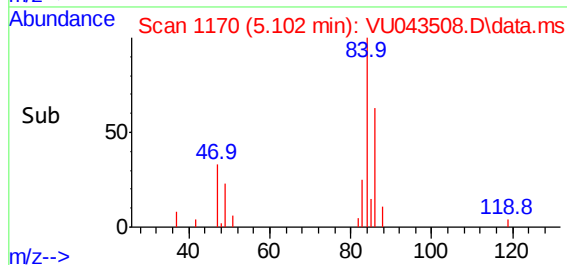
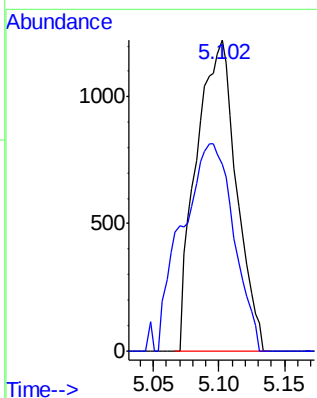
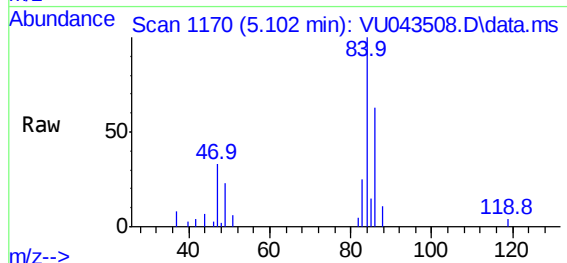




#25
Chloroform
Concen: 0.20 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

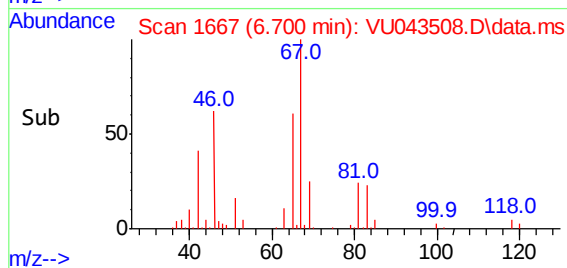
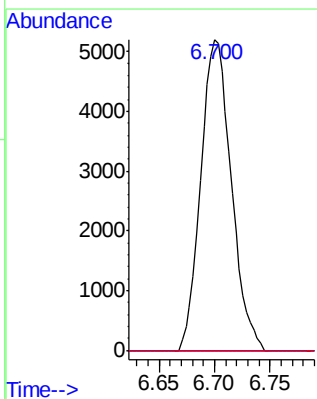
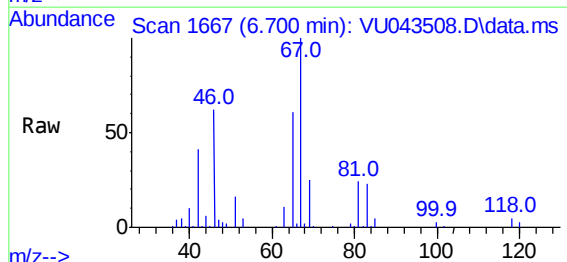
Instrument :
MSVOA_U
ClientSampleId :
VBLK145

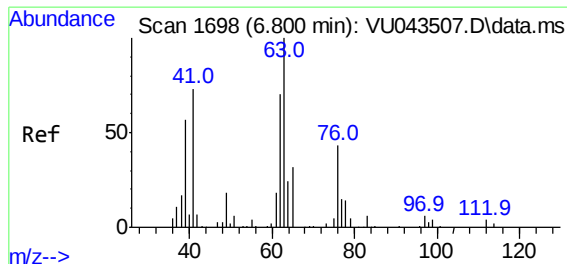
Tgt Ion: 83 Resp: 2589
Ion Ratio Lower Upper
83 100
85 60.0 45.1 83.9



#35
Methylcyclohexane
Concen: 1.30 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

Tgt Ion: 83 Resp: 9922
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#

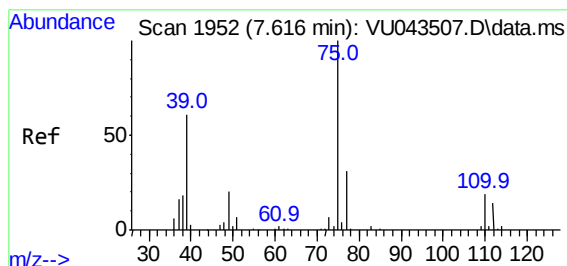
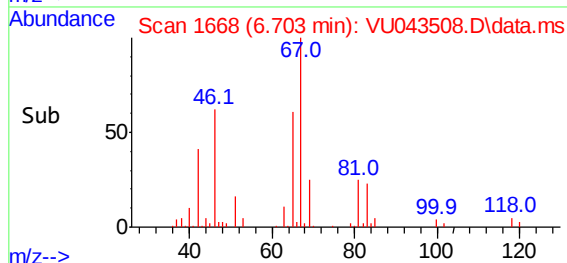
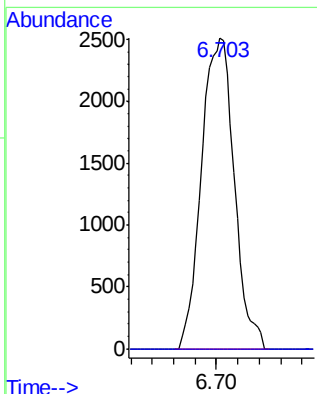
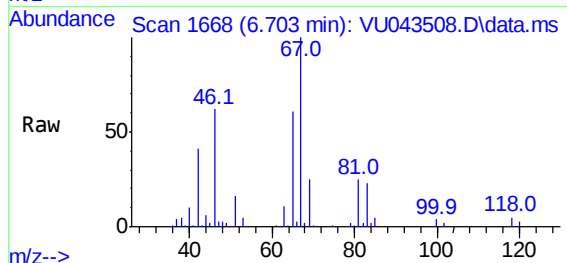




#37
1,2-Dichloropropane
Concen: 0.77 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

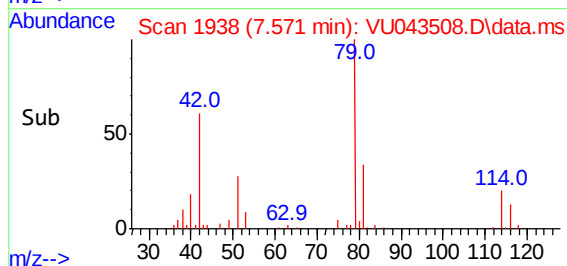
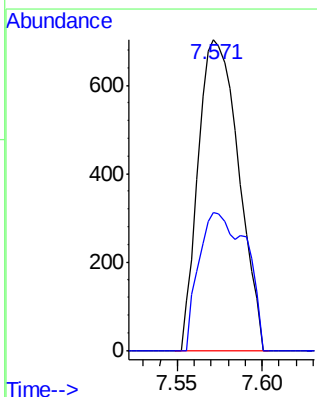
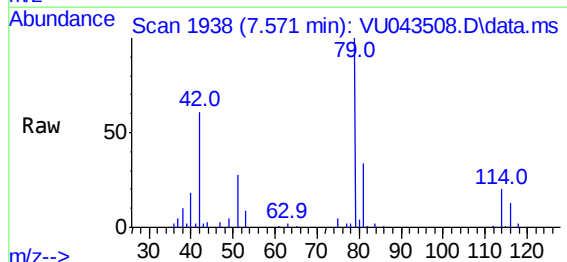
Instrument :
MSVOA_U
ClientSampled :
VBLK145

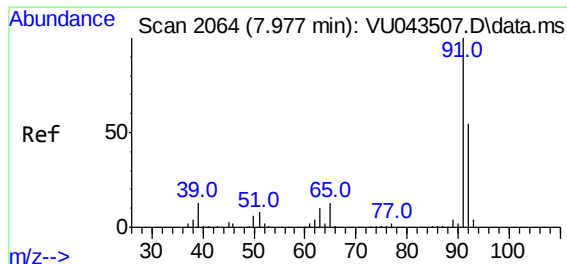
Tgt Ion: 63 Resp: 5316
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

Tgt Ion: 75 Resp: 1163
Ion Ratio Lower Upper
75 100
77 44.4 21.9 40.7#

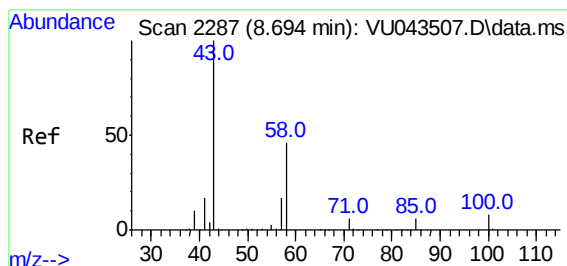
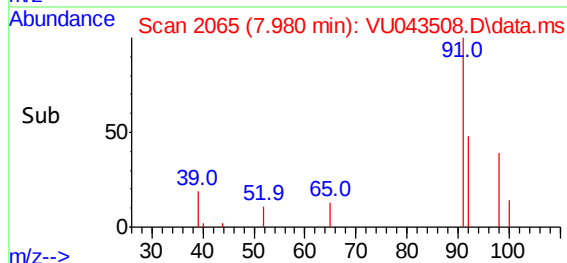
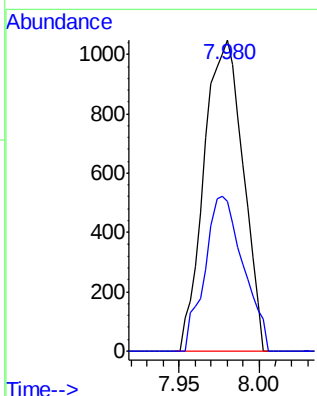
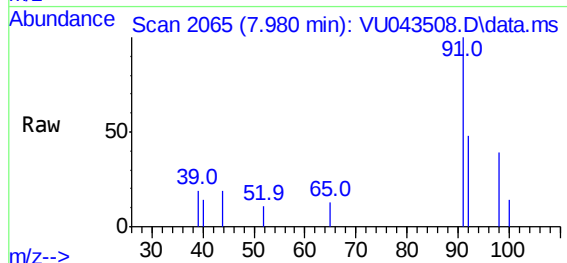




#42
Toluene
Concen: 0.07 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

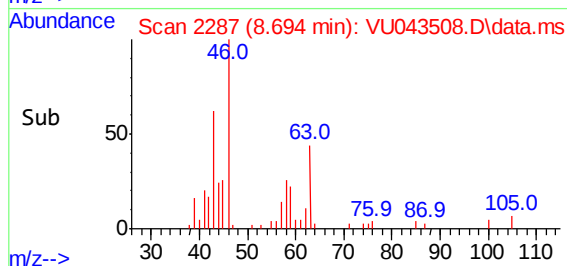
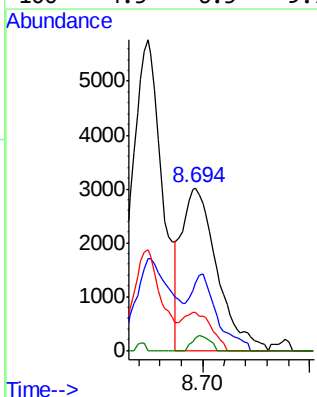
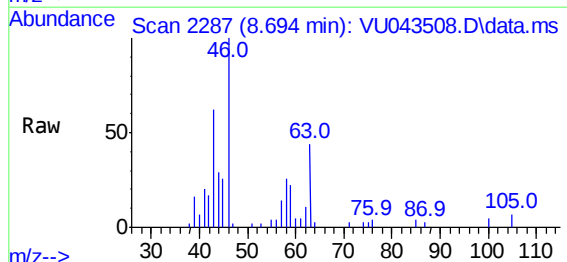
Instrument :
MSVOA_U
ClientSampled :
VBLK145

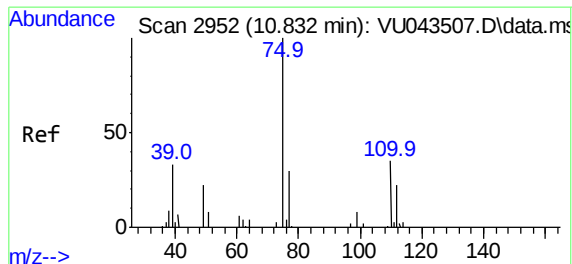
Tgt Ion: 91 Resp: 1738
Ion Ratio Lower Upper
91 100
92 48.0 39.1 72.5



#48
2-Hexanone
Concen: 1.64 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

Tgt Ion: 43 Resp: 6883
Ion Ratio Lower Upper
43 100
58 34.8 36.8 55.2#
57 18.6 13.2 19.8
100 4.5 6.5 9.7#

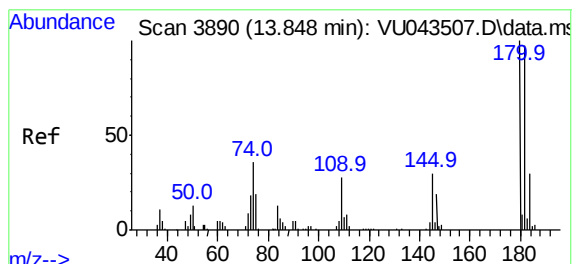
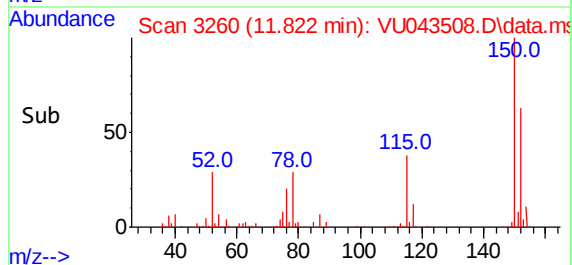
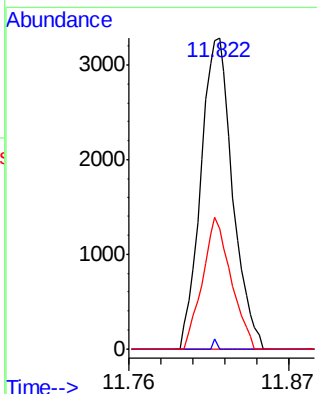
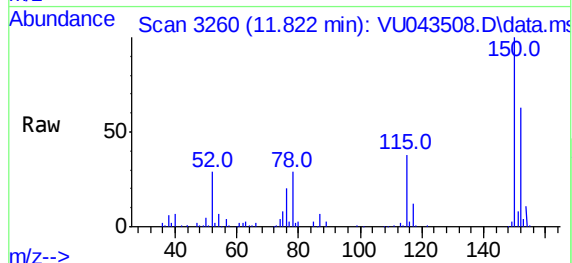




#61
1,2,3-Trichloropropane
Concen: 1.30 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

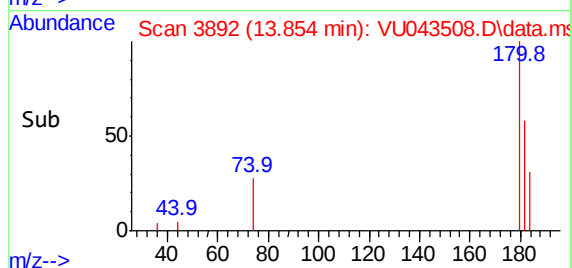
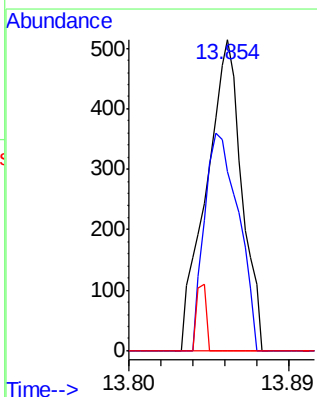
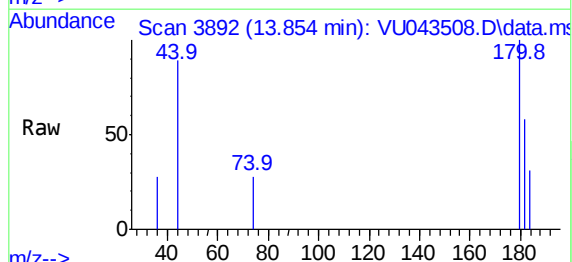
Instrument :
MSVOA_U
ClientSampled :
VBLK145

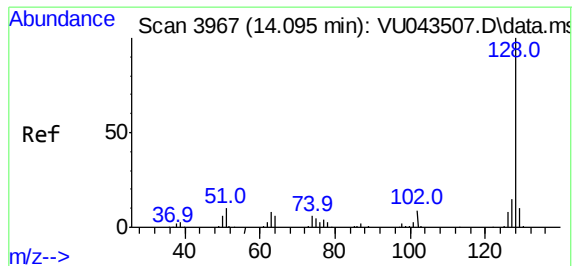
Tgt Ion: 75 Resp: 5243
Ion Ratio Lower Upper
75 100
110 0.4 28.6 42.8#
77 37.8 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 0.10 ug/L
RT: 13.854 min Scan# 3892
Delta R.T. 0.006 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

Tgt Ion: 180 Resp: 695
Ion Ratio Lower Upper
180 100
182 66.9 75.9 113.9#
145 5.9 24.6 37.0#

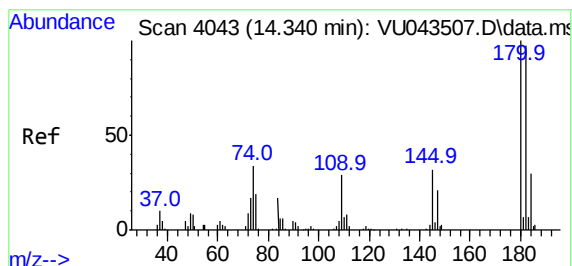
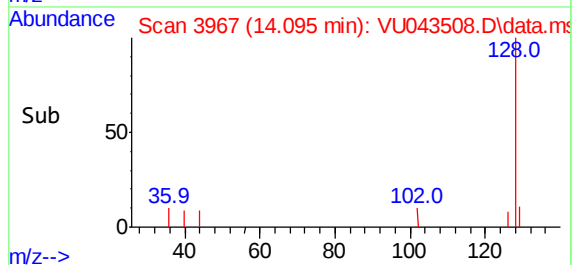
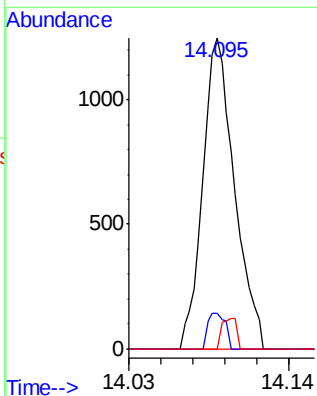
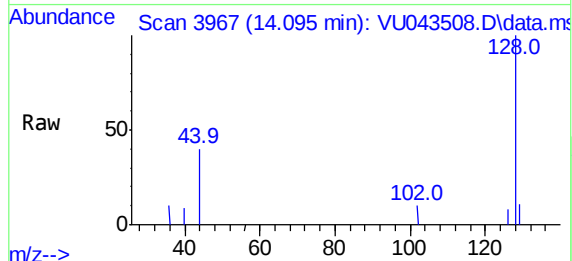




#71
Naphthalene
Concen: 0.16 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

Instrument :
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ClientSampled :
VBLK145

Tgt Ion:128 Resp: 1898
Ion Ratio Lower Upper
128 100
129 6.4 8.9 13.3#
127 4.7 10.6 15.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.09 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043508.D
Acq: 04 May 2021 10:01

Tgt Ion:180 Resp: 570
Ion Ratio Lower Upper
180 100
182 98.6 75.7 113.5
145 32.8 25.7 38.5

