

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042734.D
 Acq On : 19 Mar 2021 21:14
 Operator : SY/MD
 Sample : VU0319WBL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK01

Quant Time: Mar 20 06:44:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 06:44:19 2021
 Response via : Initial Calibration

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

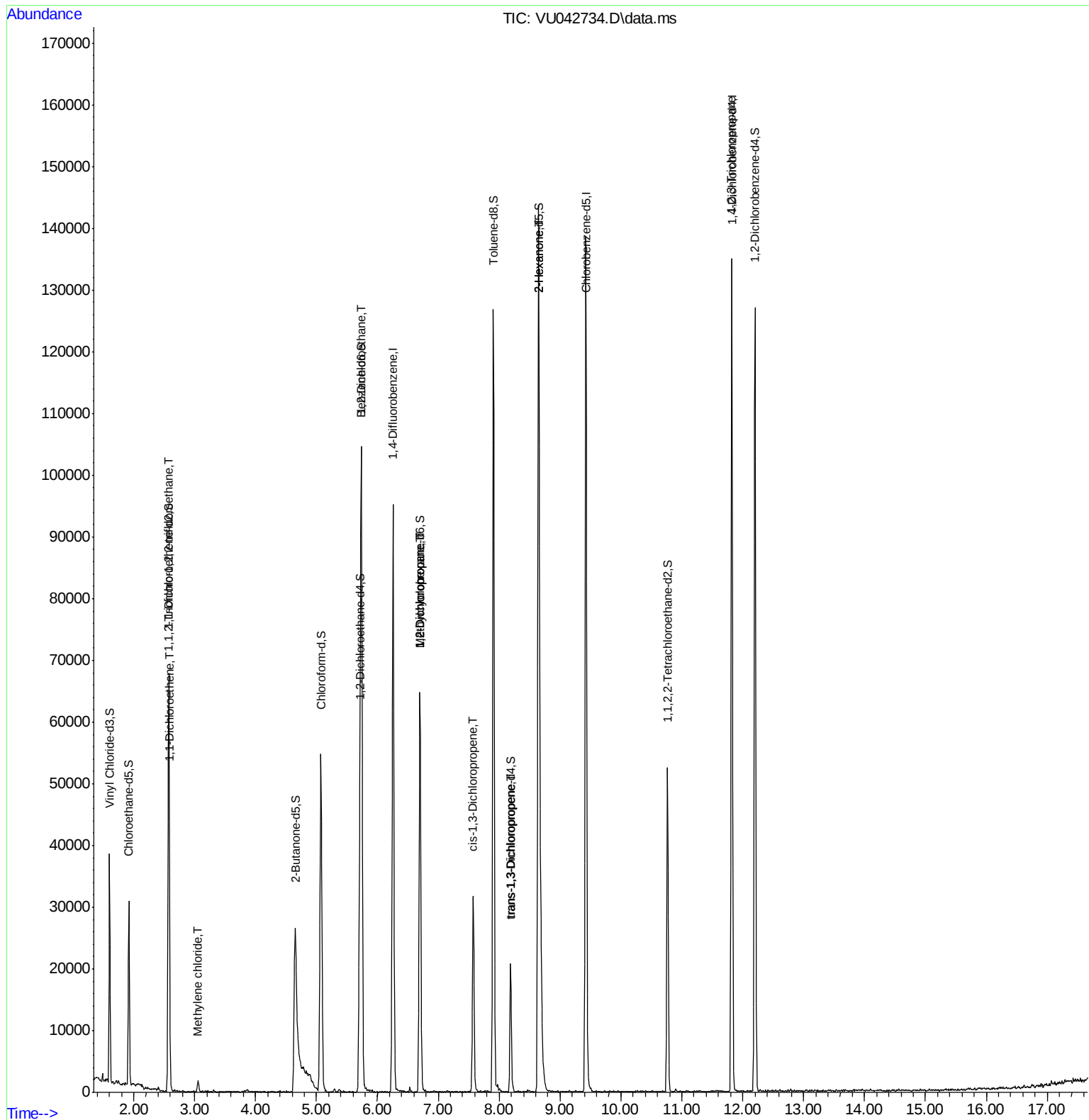
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	71609	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	73004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	34087	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25216	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.919	69	19208	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.575	63	41955	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.652	46	61874	39.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.96%
24) Chloroform-d	5.073	84	47757	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.713	65	30200	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.739	84	87090	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	28220	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.906	98	78598	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloroprop...	8.185	79	11173	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.645	63	61096	47.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.60%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24576	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	30978	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	247	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.584	96	278	0.06	ug/L #	1
16) Methylene chloride	3.054	84	735	0.12	ug/L	83
27) 1,2-Dichloroethane	5.732	62	608	0.08	ug/L #	75
35) Methylcyclohexane	6.700	83	6530	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3319	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	916	0.10	ug/L #	81
44) trans-1,3-Dichloropropene	8.189	75	546	0.07	ug/L #	59
48) 2-Hexanone	8.648	43	10388	2.62	ug/L #	65
59) 1,2,3-Trichloropropane	11.819	75	4323	0.93	ug/L #	80

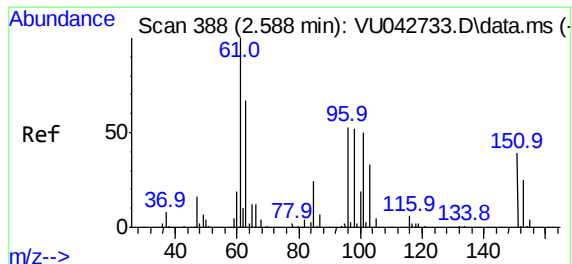
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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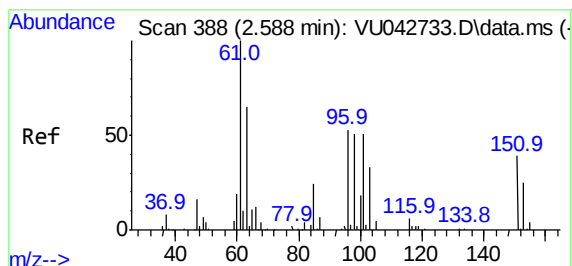
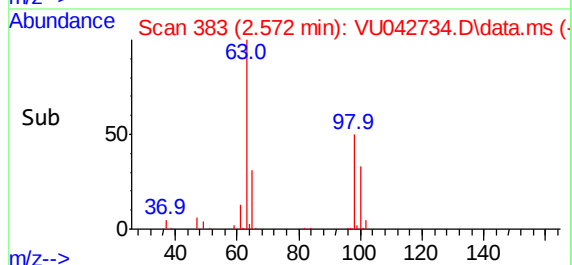
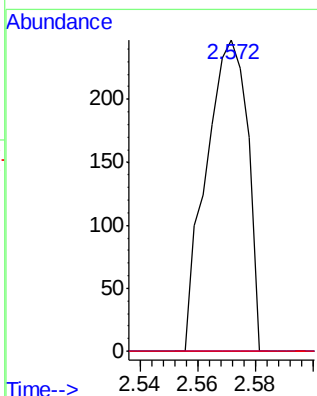
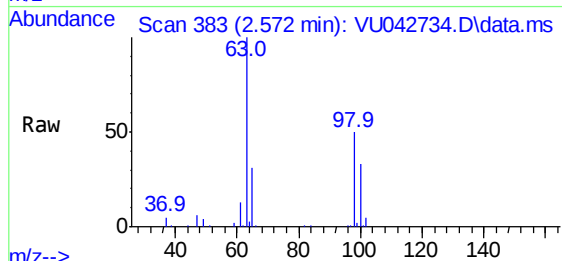




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU042734.D
 Acq: 19 Mar 2021 21:14

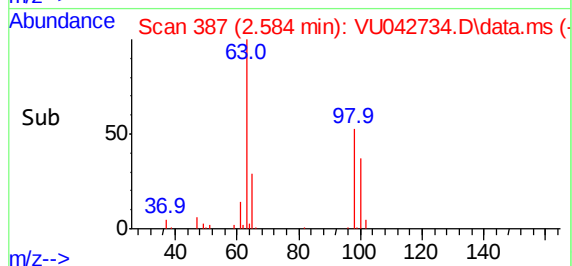
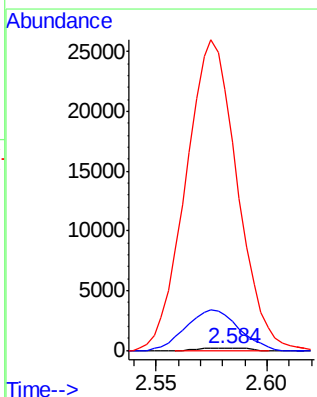
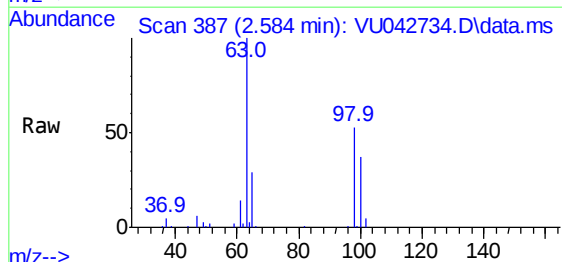
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK01

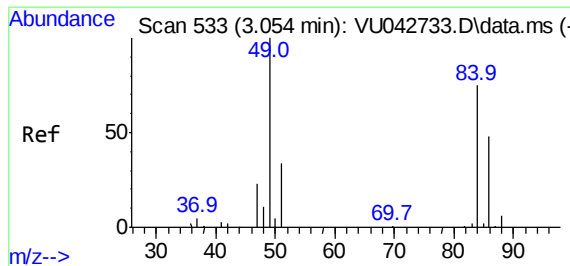
Tgt Ion:101 Resp: 247
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.06 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042734.D
 Acq: 19 Mar 2021 21:14

Tgt Ion: 96 Resp: 278
 Ion Ratio Lower Upper
 96 100
 61 1467.5 126.2 234.4#
 63 10679.8 77.8 144.4#

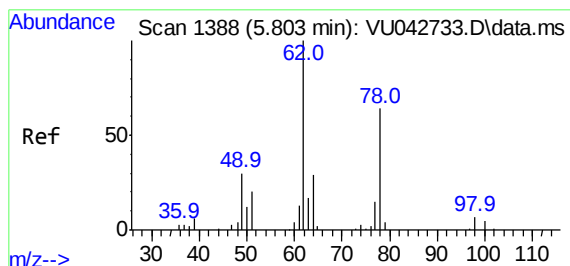
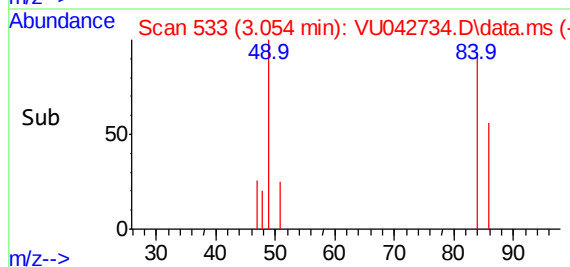
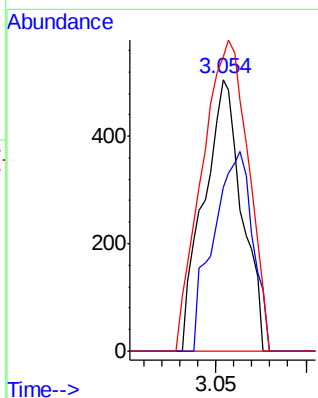
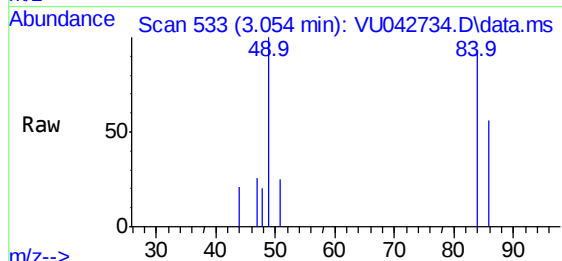




#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042734.D
Acq: 19 Mar 2021 21:14

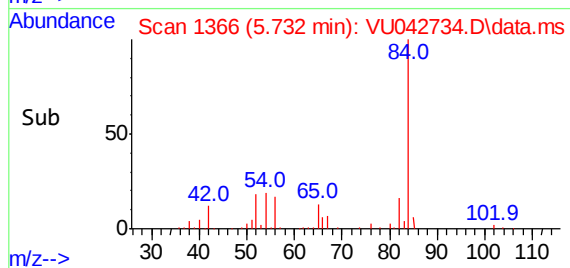
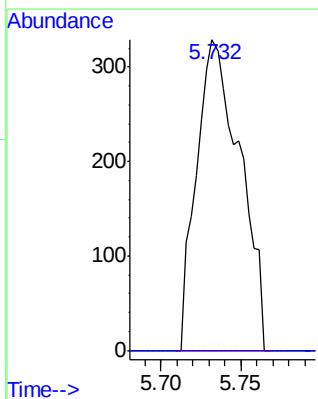
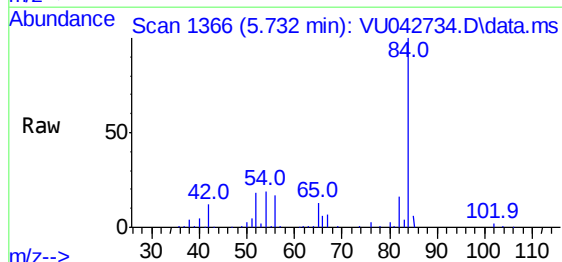
Instrument :
MSVOA_U
ClientSampled :
VBLK01

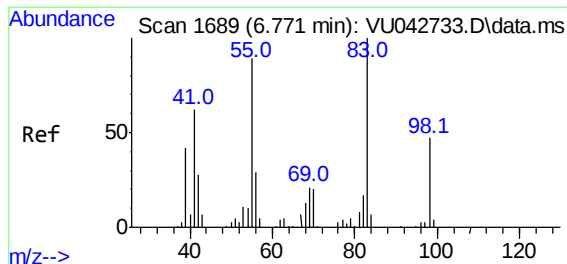
Tgt Ion: 84 Resp: 735
Ion Ratio Lower Upper
84 100
86 60.3 44.1 81.9
49 108.1 95.0 176.4



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042734.D
Acq: 19 Mar 2021 21:14

Tgt Ion: 62 Resp: 608
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

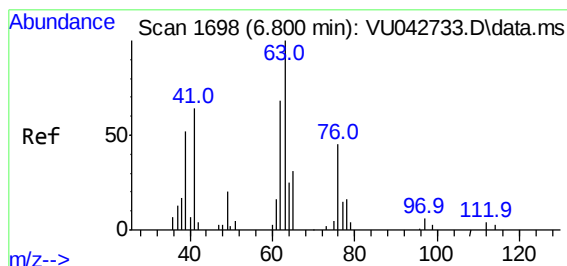
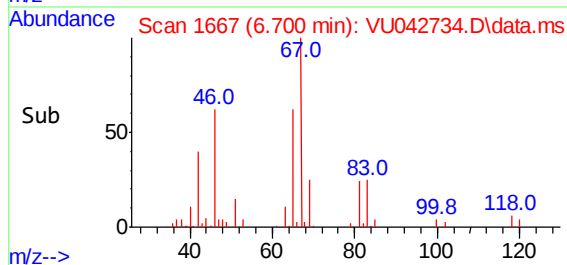
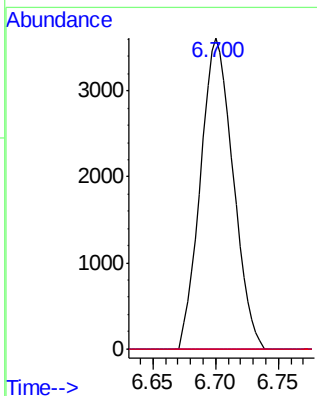
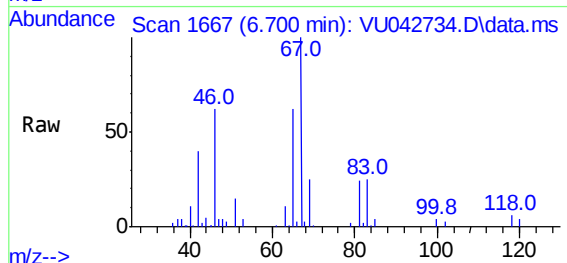




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042734.D
Acq: 19 Mar 2021 21:14

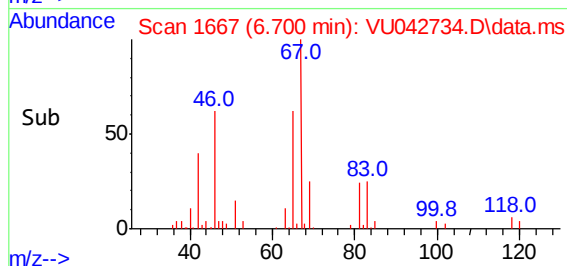
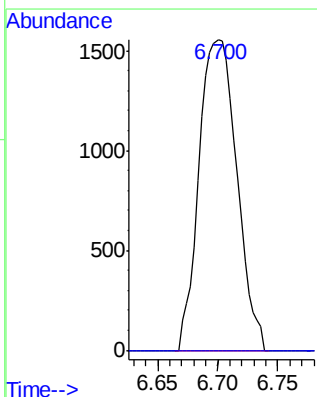
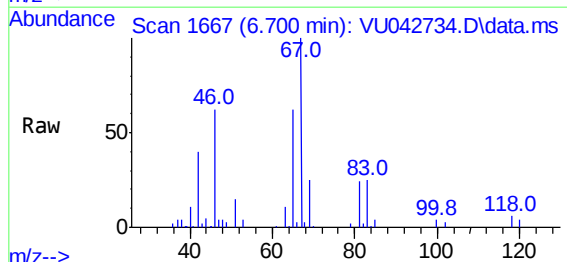
Instrument :
MSVOA_U
ClientSampled :
VBLK01

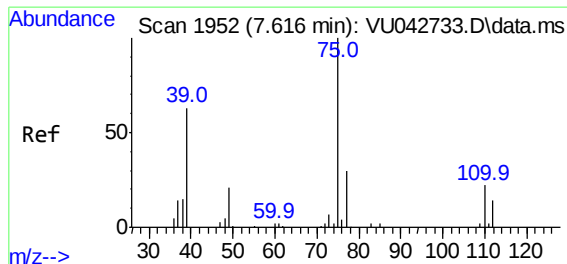
Tgt Ion: 83 Resp: 6530
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042734.D
Acq: 19 Mar 2021 21:14

Tgt Ion: 63 Resp: 3319
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

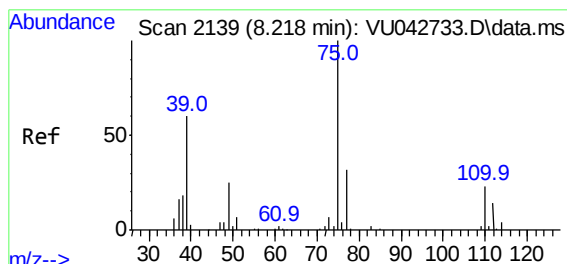
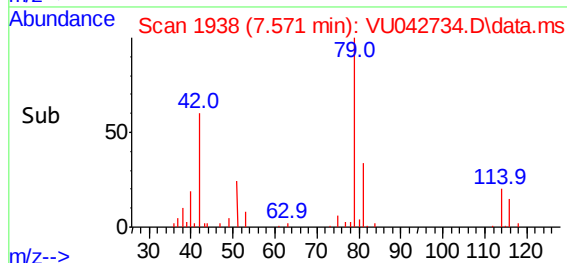
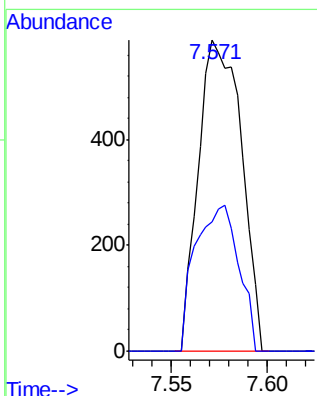
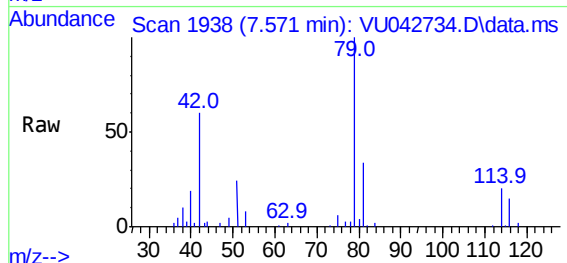




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042734.D
Acq: 19 Mar 2021 21:14

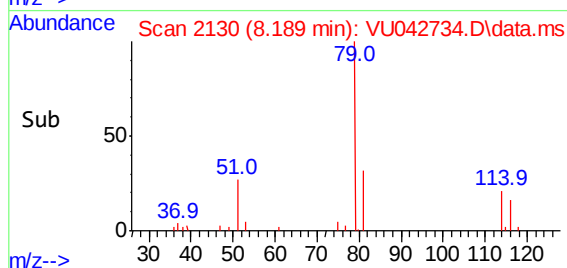
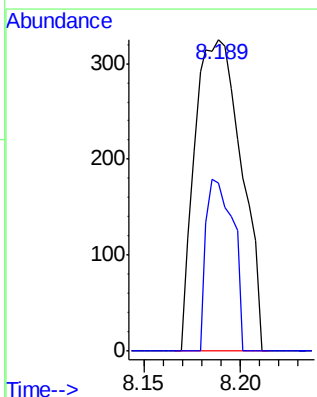
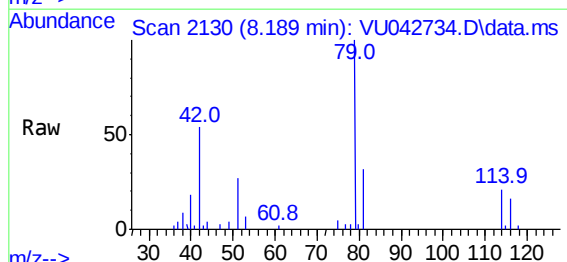
Instrument :
MSVOA_U
ClientSampleId :
VBLK01

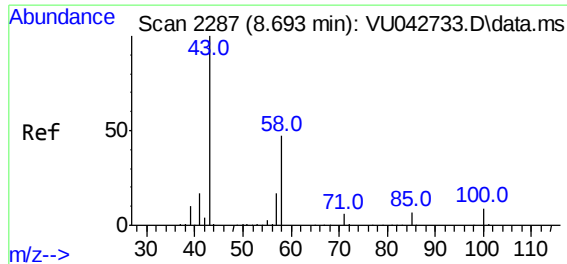
Tgt Ion: 75 Resp: 916
Ion Ratio Lower Upper
75 100
77 41.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042734.D
Acq: 19 Mar 2021 21:14

Tgt Ion: 75 Resp: 546
Ion Ratio Lower Upper
75 100
77 53.8 21.8 40.4#



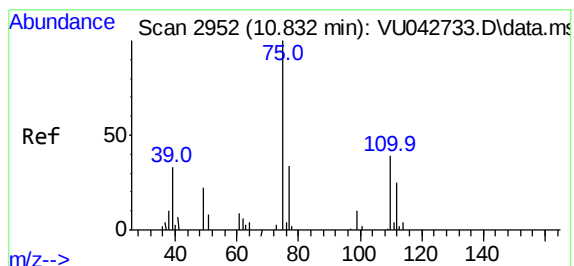
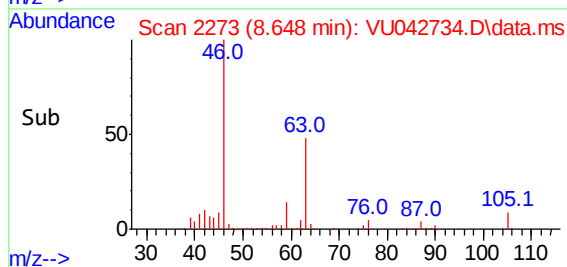
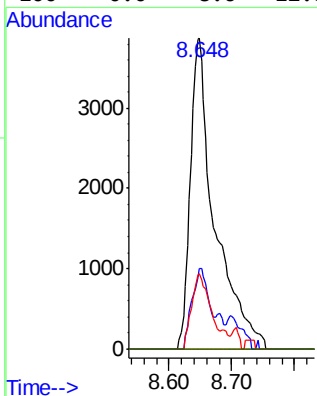
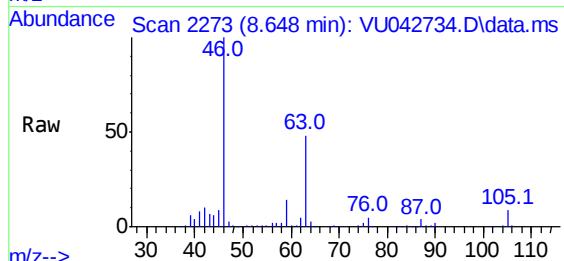


#48
2-Hexanone
Concen: 2.62 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042734.D
Acq: 19 Mar 2021 21:14

Instrument :
MSVOA_U
ClientSampleId :
VBLK01

Tgt Ion: 43 Resp: 10388

Ion	Ratio	Lower	Upper
43	100		
58	17.8	40.6	61.0#
57	20.1	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.93 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042734.D
Acq: 19 Mar 2021 21:14

Tgt Ion: 75 Resp: 4323

Ion	Ratio	Lower	Upper
75	100		
77	43.5	26.0	39.0#

