

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042229.D
 Acq On : 03 Feb 2021 12:39
 Operator : SY/MD
 Sample : VU0203WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK14

Quant Time: Feb 04 04:20:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

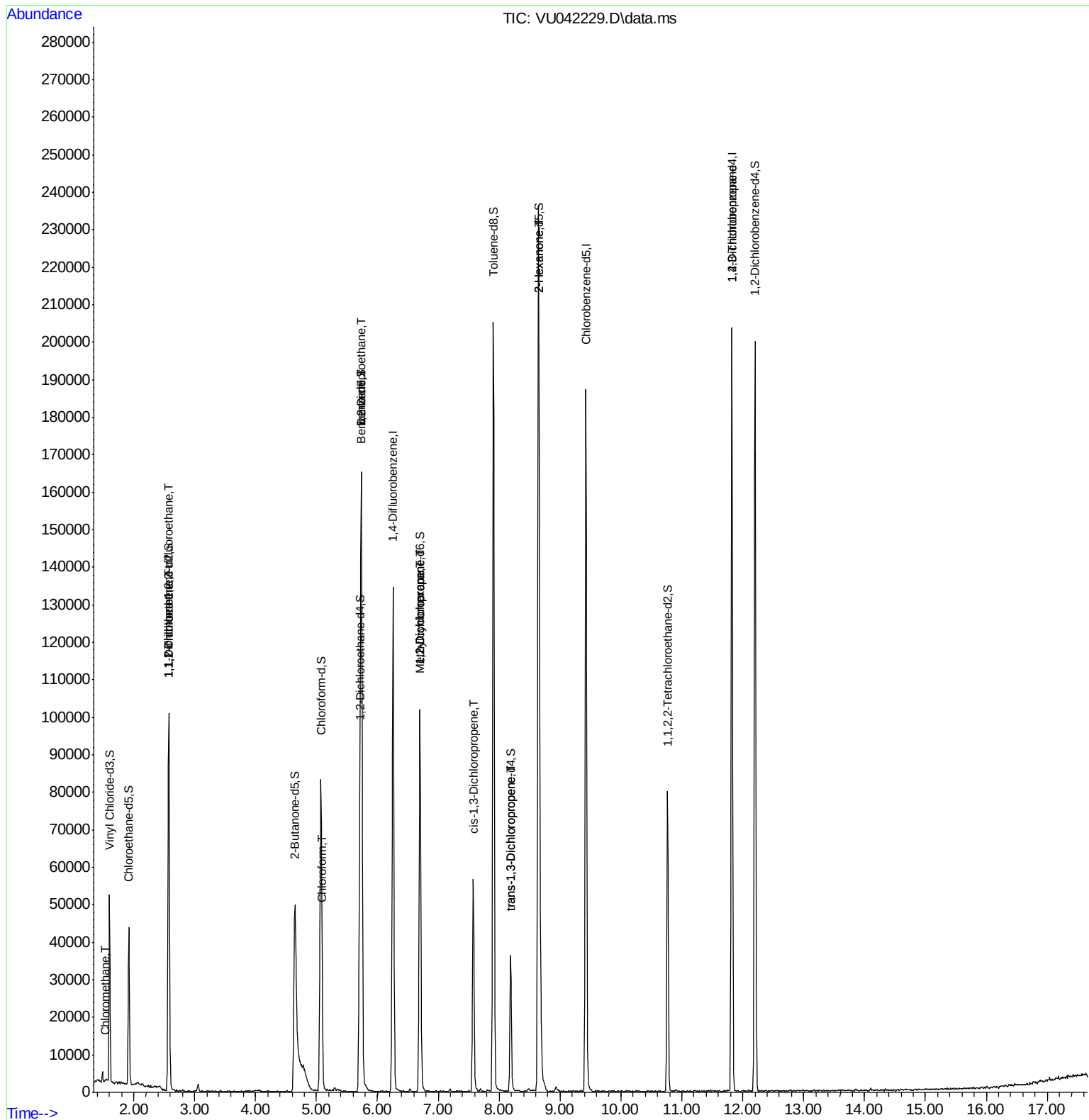
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	106582	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	98189	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	53211	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	35112	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.919	69	28618	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.575	63	62765	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.645	46	108316	43.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.36%
24) Chloroform-d	5.073	84	75522	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.713	65	46737	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.739	84	142274	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.700	67	46470	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.906	98	130456	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloroprop...	8.189	79	20225	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.645	63	100431	55.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.04%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37247	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	50904	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%
Target Compounds						
3) Chloromethane	1.523	50	498	0.06	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	470	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	394	0.05	ug/L #	1
25) Chloroform	5.092	83	975	0.07	ug/L	77
27) 1,2-Dichloroethane	5.735	62	974	0.09	ug/L #	75
33) Benzene	5.735	78	1098	0.04	ug/L	100
35) Methylcyclohexane	6.703	83	10456	0.80	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	5481	0.72	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1505	0.12	ug/L #	58
44) trans-1,3-Dichloropropene	8.189	75	809	0.07	ug/L #	30
48) 2-Hexanone	8.645	43	13706	3.03	ug/L #	70
59) 1,2,3-Trichloropropane	11.822	75	5864	1.09	ug/L	92

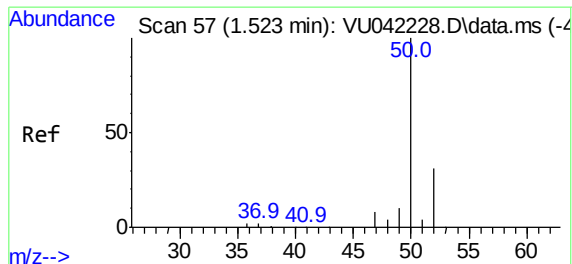
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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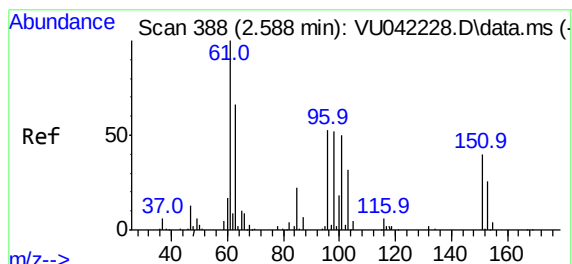
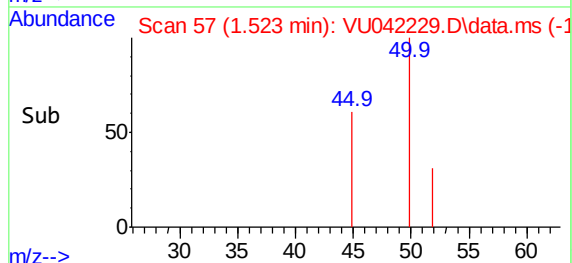
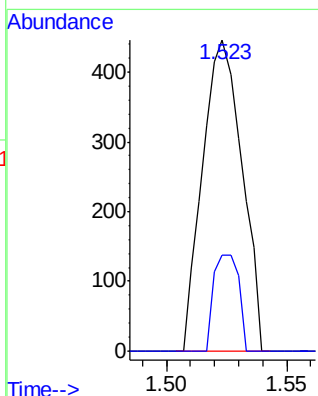
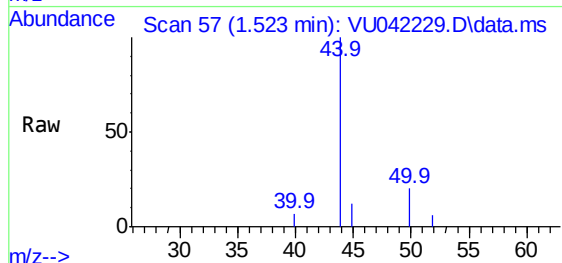




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

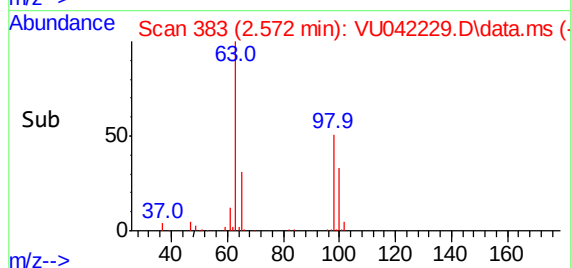
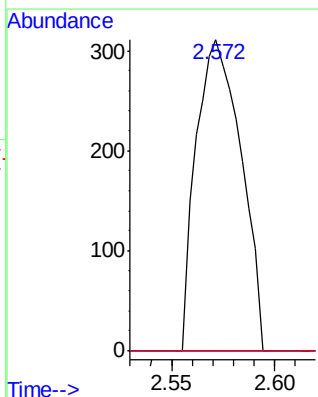
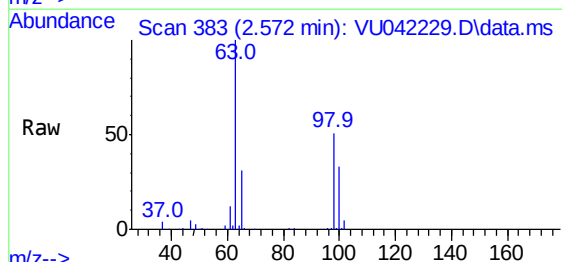
Instrument :
MSVOA_U
ClientSampled :
VBLK14

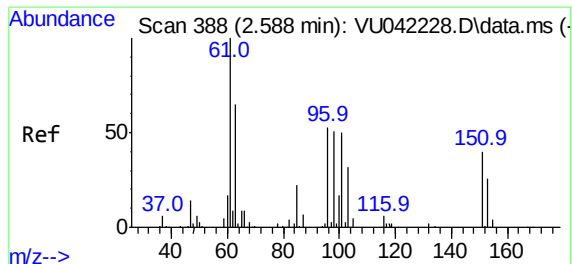
Tgt Ion: 50 Resp: 498
Ion Ratio Lower Upper
50 100
52 30.9 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

Tgt Ion:101 Resp: 470
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

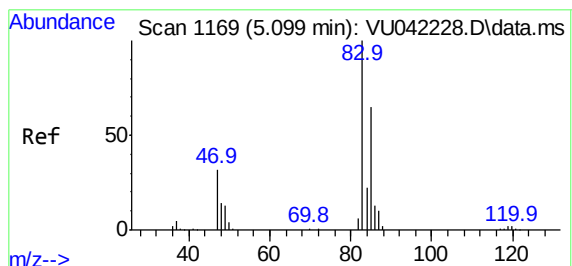
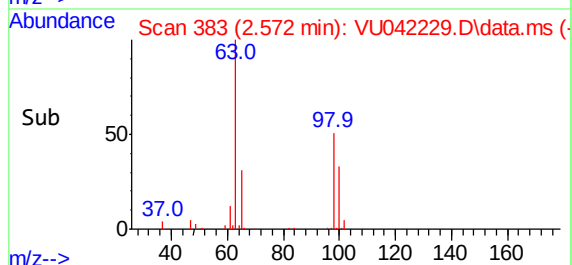
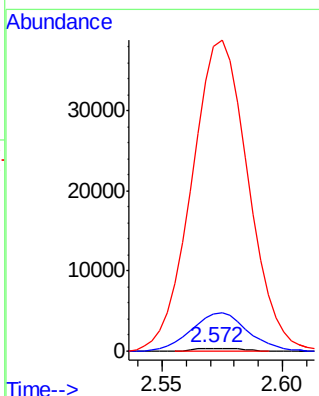
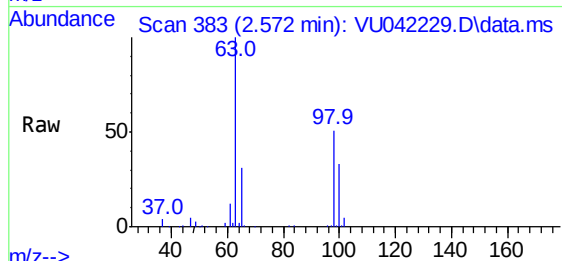




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

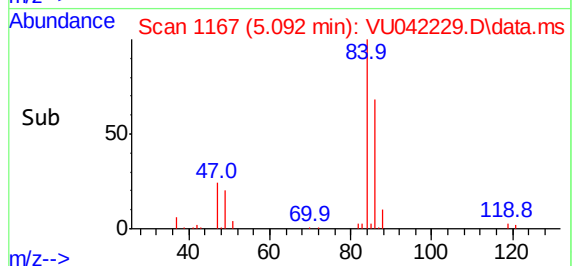
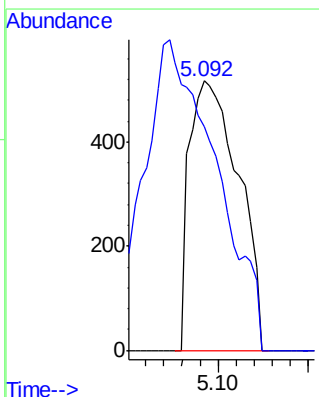
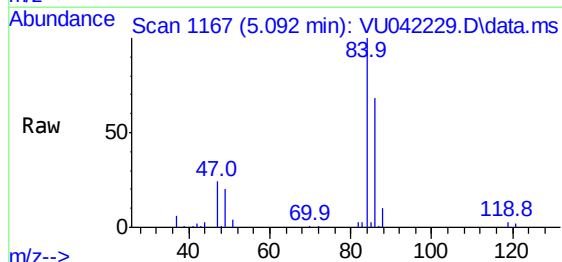
Instrument :
MSVOA_U
ClientSampled :
VBLK14

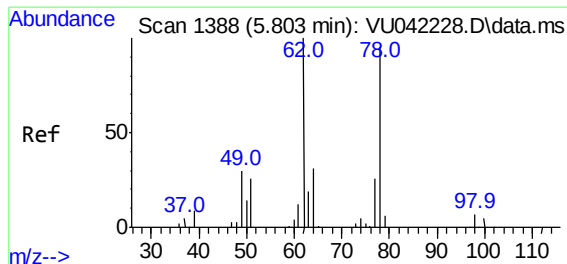
Tgt Ion: 96 Resp: 394
Ion Ratio Lower Upper
96 100
61 1591.4 126.2 234.4#
63 13005.5 77.8 144.4#



#25
Chloroform
Concen: 0.07 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

Tgt Ion: 83 Resp: 975
Ion Ratio Lower Upper
83 100
85 83.2 45.7 84.9

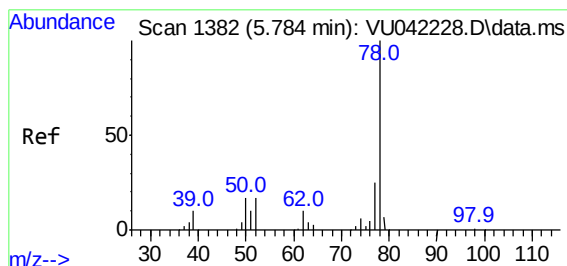
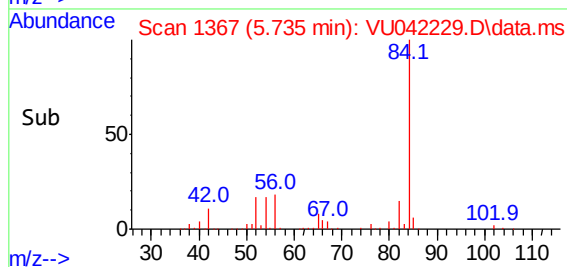
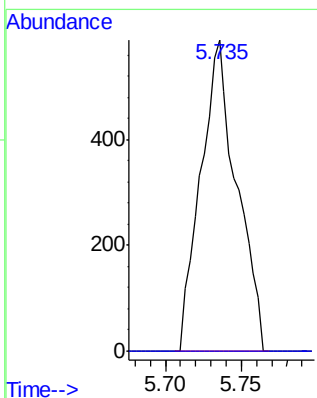
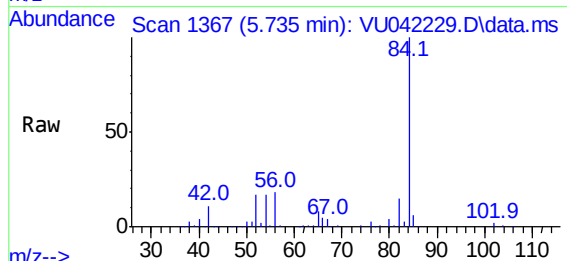




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

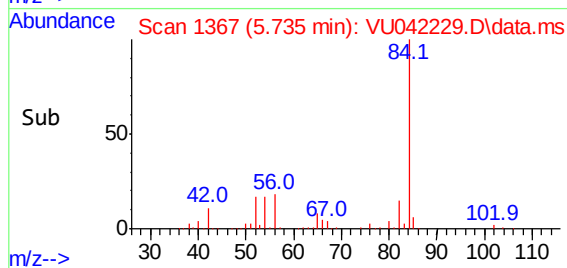
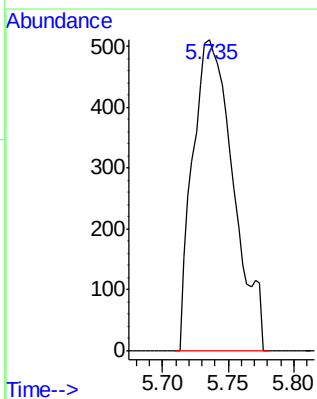
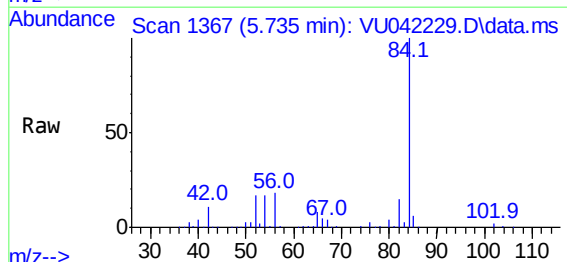
Instrument :
MSVOA_U
ClientSampleId :
VBLK14

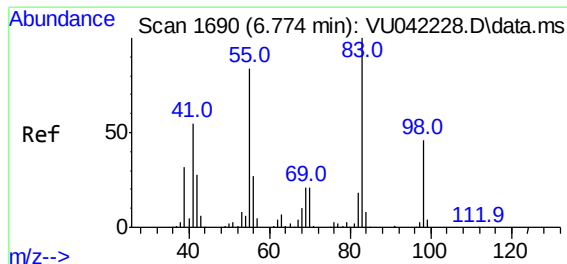
Tgt Ion: 62 Resp: 974
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

Tgt Ion: 78 Resp: 1098

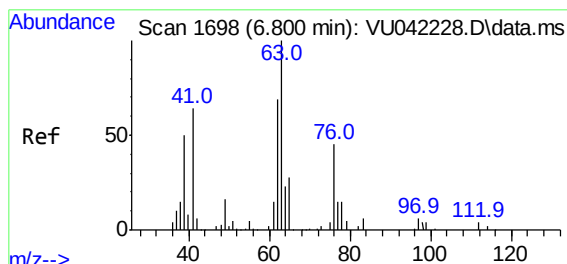
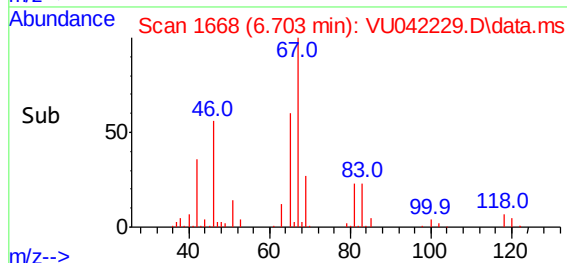
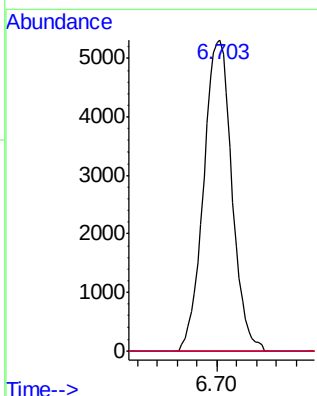
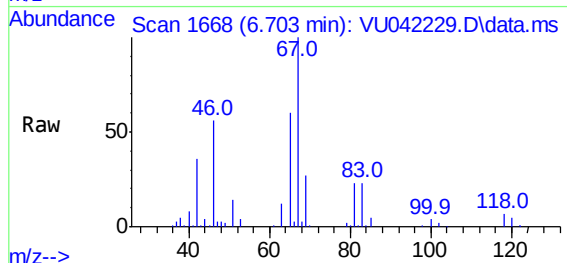




#35
Methylcyclohexane
Concen: 0.80 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

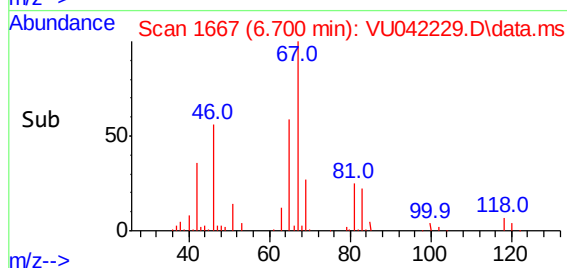
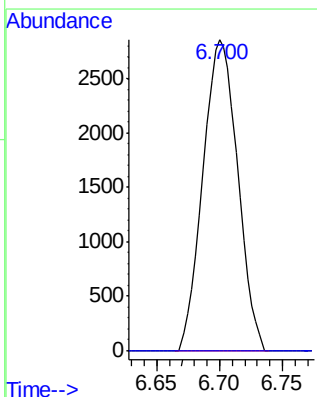
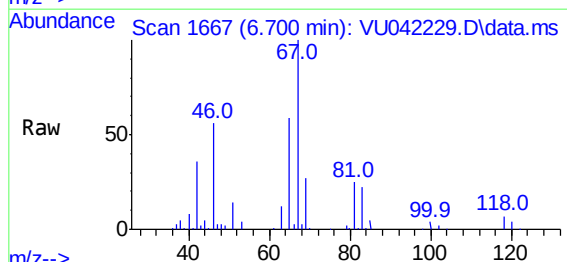
Instrument :
MSVOA_U
ClientSampled :
VBLK14

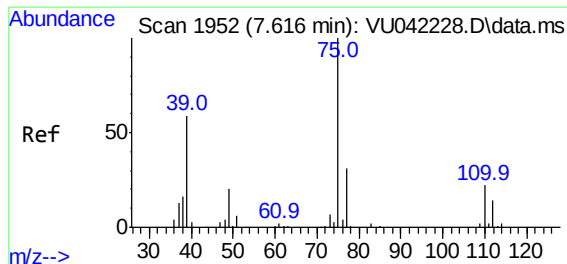
Tgt Ion: 83 Resp: 10456
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

Tgt Ion: 63 Resp: 5481
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

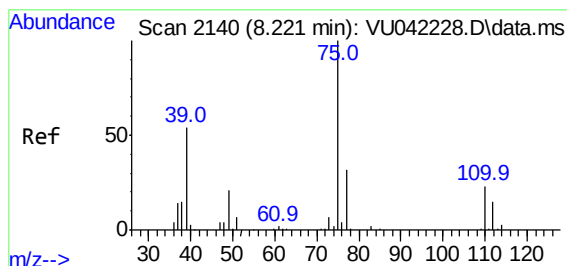
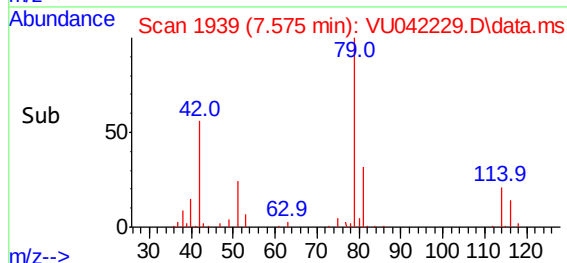
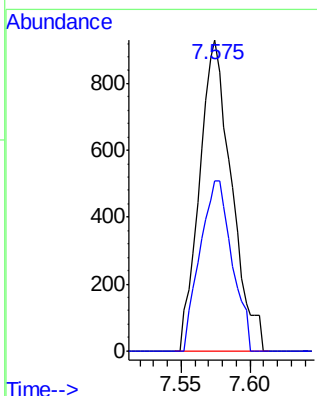
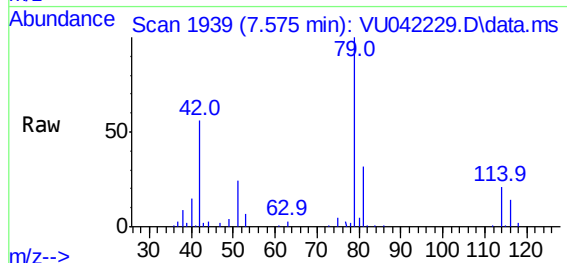




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

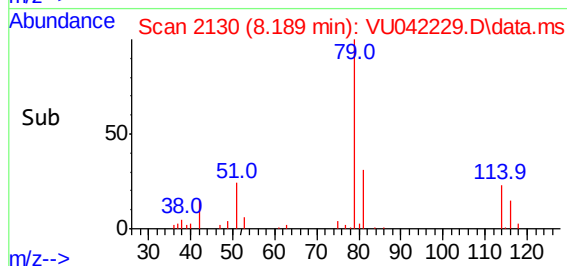
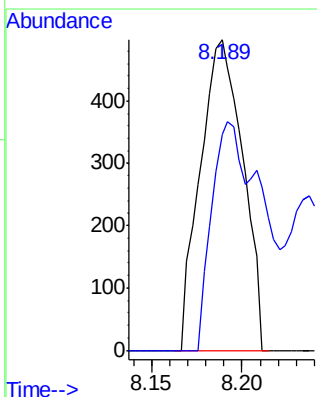
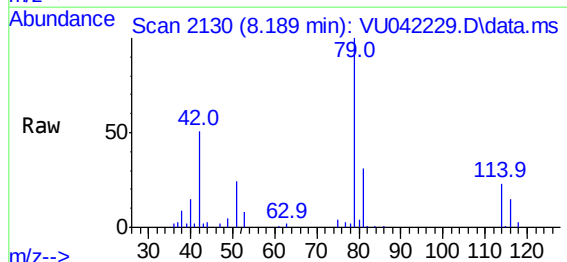
Instrument :
MSVOA_U
ClientSampleId :
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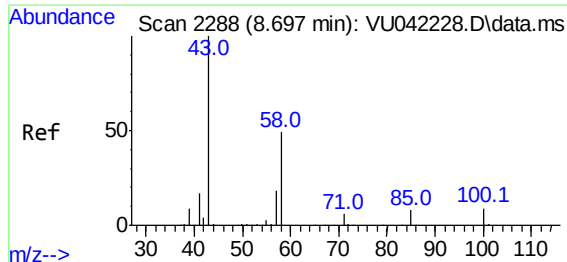
Tgt Ion: 75 Resp: 1505
Ion Ratio Lower Upper
75 100
77 54.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

Tgt Ion: 75 Resp: 809
Ion Ratio Lower Upper
75 100
77 69.7 21.8 40.4#



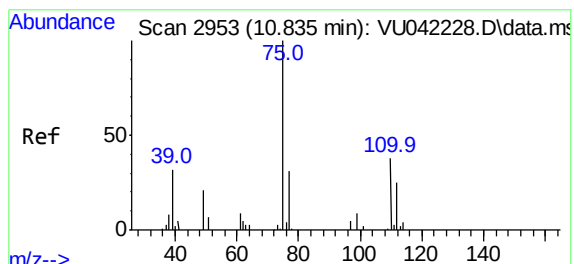
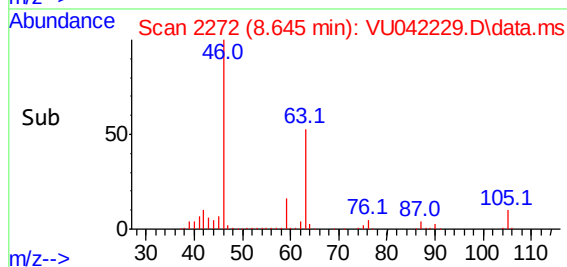
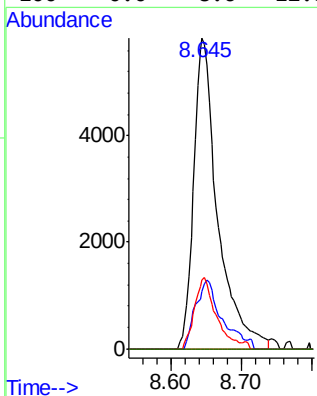
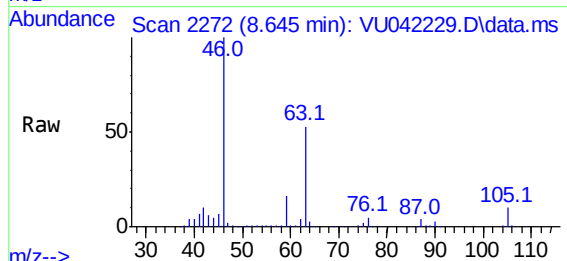


#48
2-Hexanone
Concen: 3.03 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042229.D
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Tgt Ion: 43 Resp: 13706

Ion	Ratio	Lower	Upper
43	100		
58	23.7	40.6	61.0#
57	20.6	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.987 min
Lab File: VU042229.D
Acq: 03 Feb 2021 12:39

Tgt Ion: 75 Resp: 5864

Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.0	39.0

