

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042268.D
 Acq On : 04 Feb 2021 16:13
 Operator : SY/MD
 Sample : M1323-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 02:25:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

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

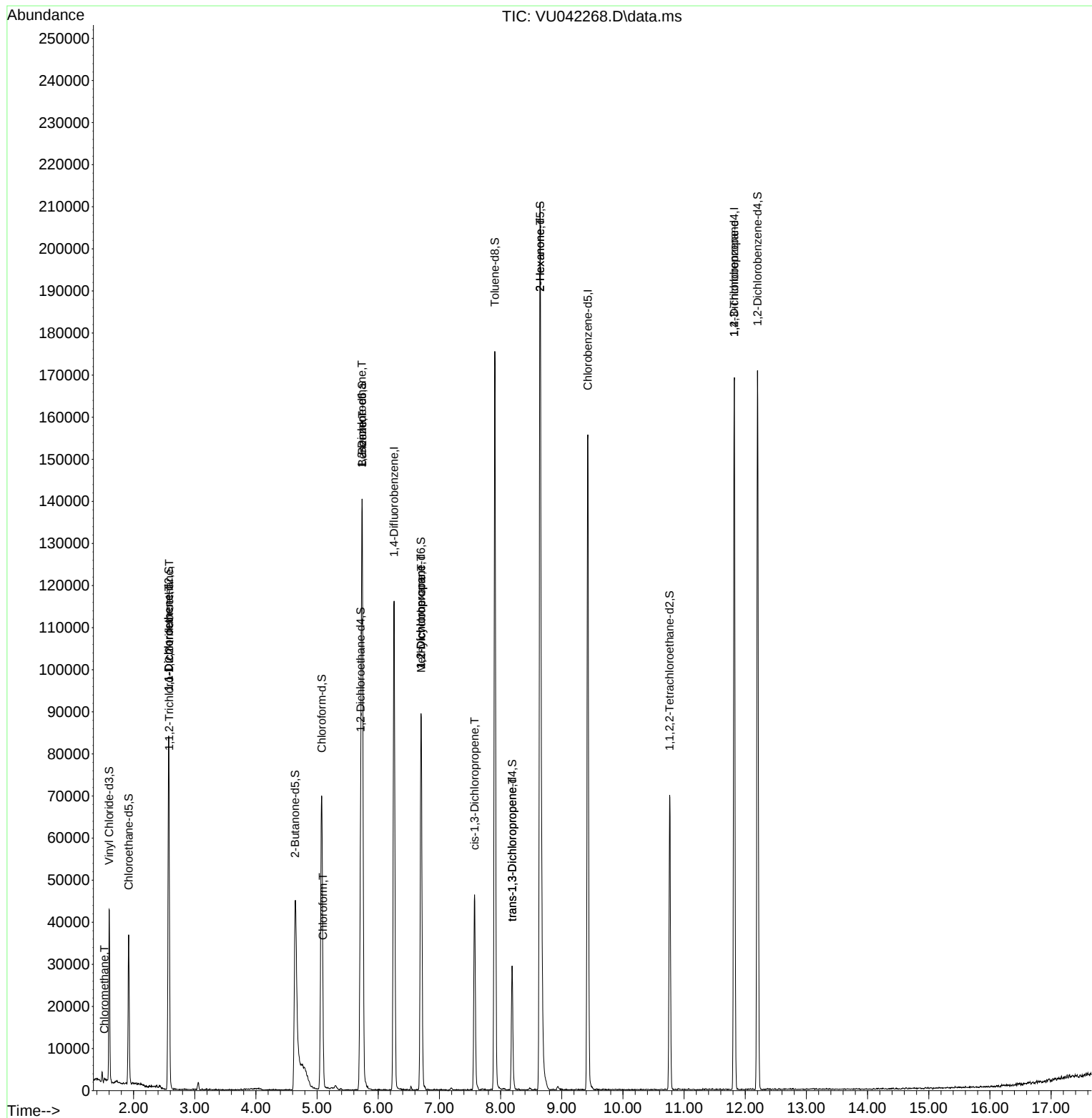
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	90333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	82439	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43654	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28266	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.919	69	24690	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.575	63	52258	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	4.642	46	98977	46.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	5.076	84	64389	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.713	65	40260	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.735	84	120707	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.700	67	39795	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.906	98	108847	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloroprop...	8.189	79	15562	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.645	63	85692	55.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32781	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	43137	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	387	0.05	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	383	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	388	0.06	ug/L #	1
25) Chloroform	5.095	83	946	0.08	ug/L	93
27) 1,2-Dichloroethane	5.732	62	669	0.08	ug/L #	75
33) Benzene	5.739	78	979	0.04	ug/L	100
35) Methylcyclohexane	6.703	83	9327	0.85	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4712	0.74	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1157	0.11	ug/L	88
44) trans-1,3-Dichloropropene	8.189	75	869	0.09	ug/L #	82
48) 2-Hexanone	8.645	43	12782	3.36	ug/L #	66
59) 1,2,3-Trichloropropane	11.819	75	5028	1.11	ug/L	97

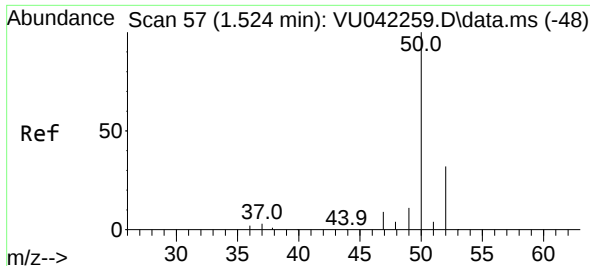
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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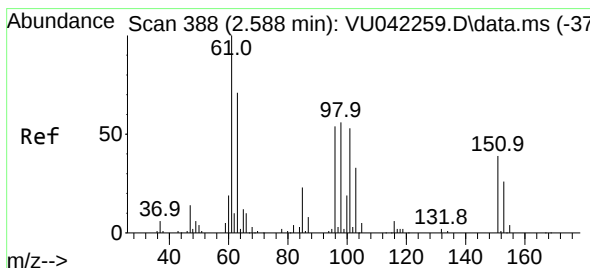
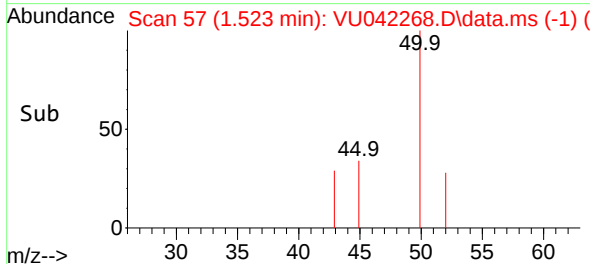
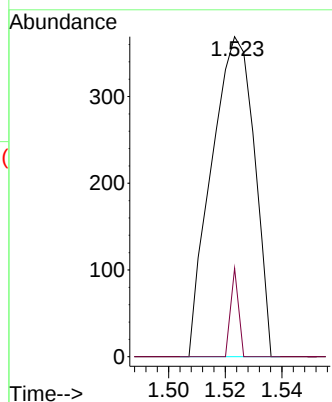
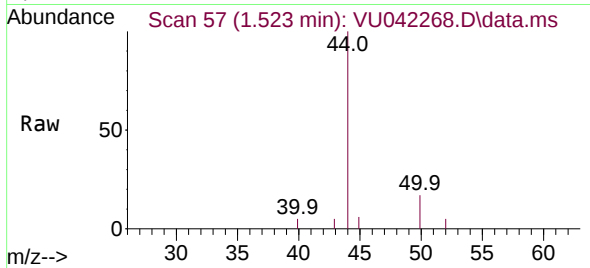




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

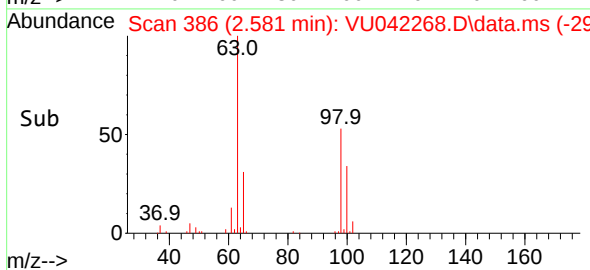
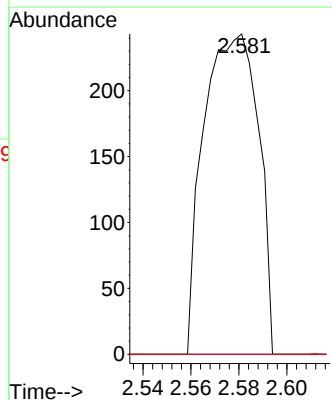
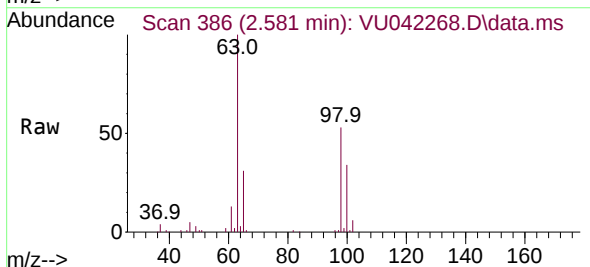
Instrument :
MSVOA_U
ClientSampled :

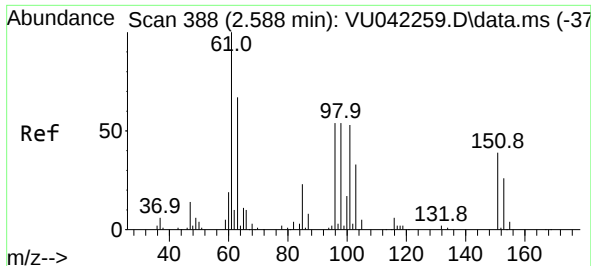
Tgt Ion: 50 Resp: 387
Ion Ratio Lower Upper
50 100
52 27.6 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

Tgt Ion: 101 Resp: 383
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

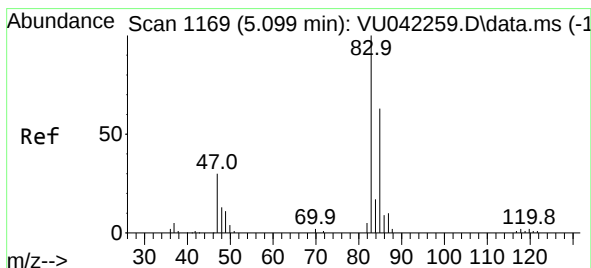
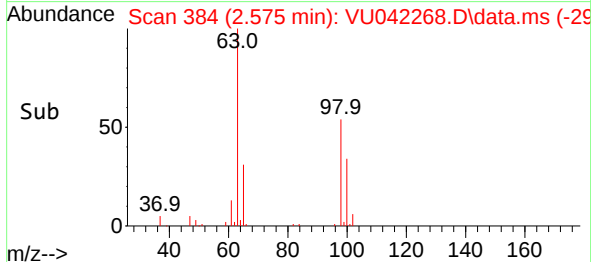
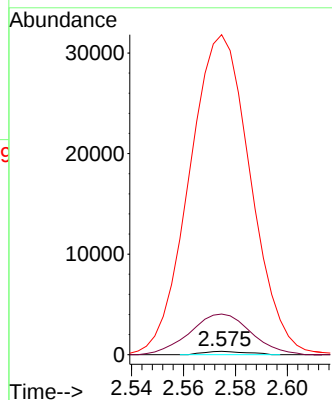
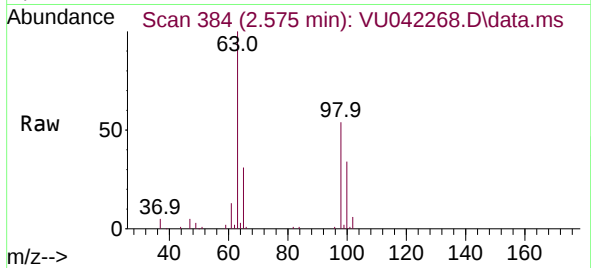




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

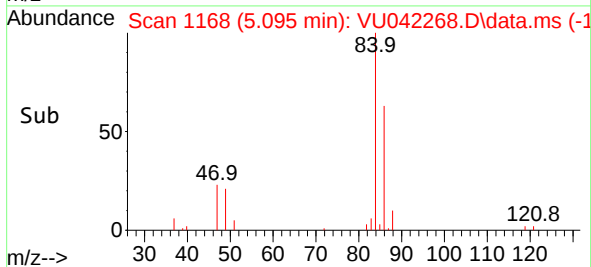
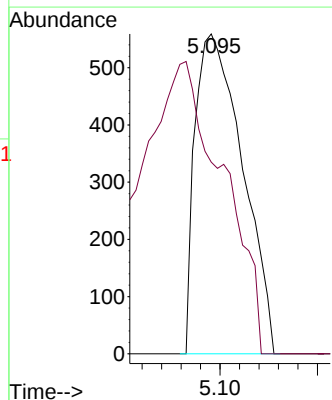
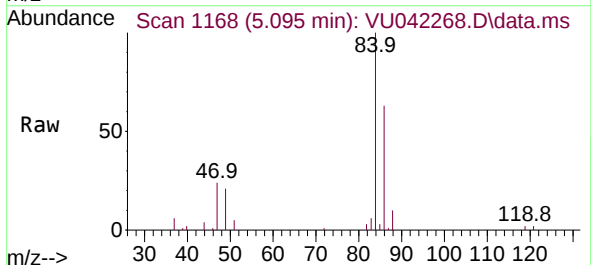
Instrument :
MSVOA_U
ClientSampleId :

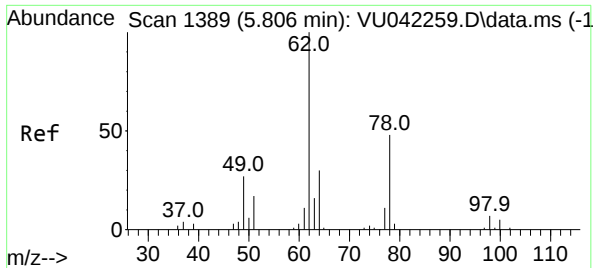
Tgt Ion: 96 Resp: 388
Ion Ratio Lower Upper
96 100
61 1190.6 126.2 234.4#
63 9360.0 77.8 144.4#



#25
Chloroform
Concen: 0.08 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.004 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

Tgt Ion: 83 Resp: 946
Ion Ratio Lower Upper
83 100
85 59.9 45.7 84.9



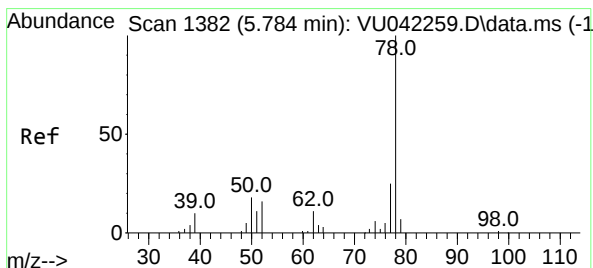
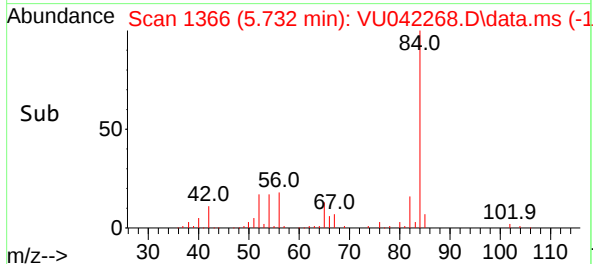
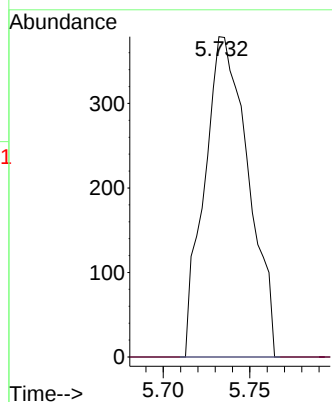
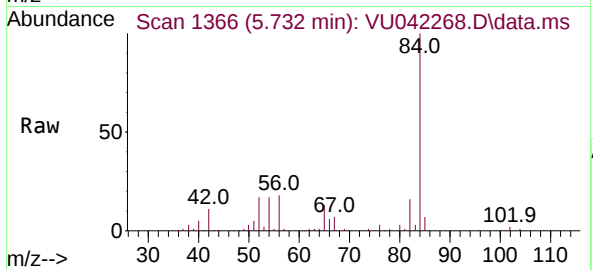


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

Instrument :
MSVOA_U
ClientSampled :

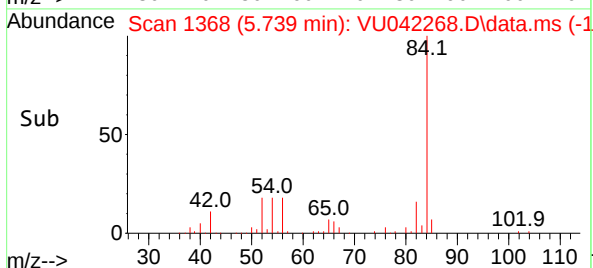
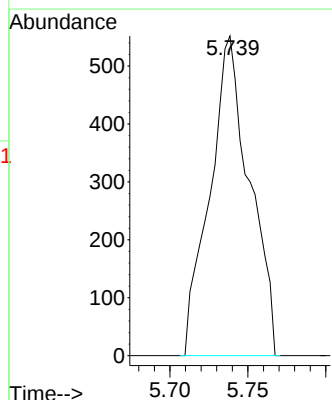
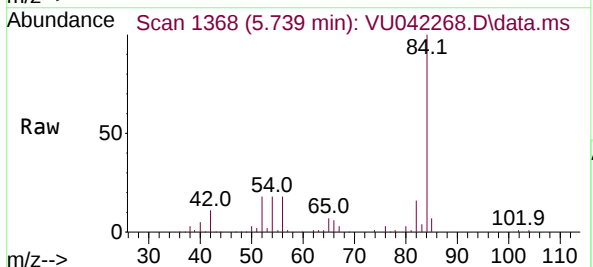
Tgt Ion: 62 Resp: 669
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

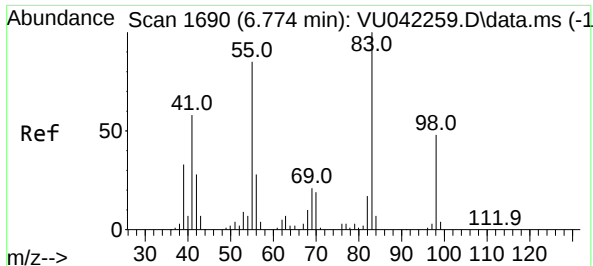


#33

Benzene
Concen: 0.04 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

Tgt Ion: 78 Resp: 979





#35

Methylcyclohexane

Concen: 0.85 ug/L

RT: 6.703 min Scan# 1668

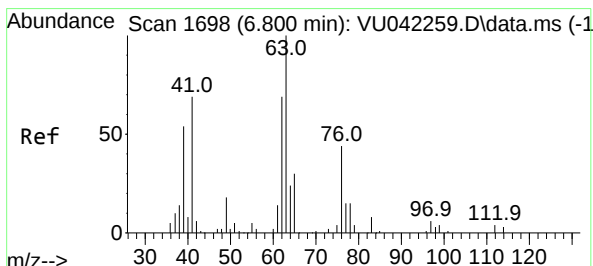
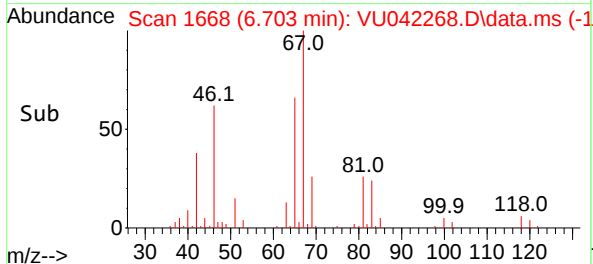
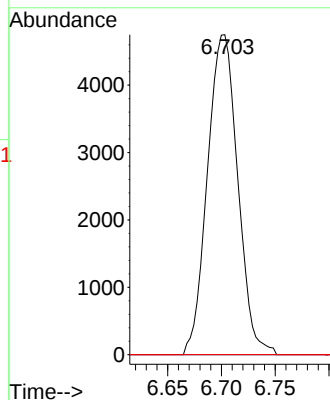
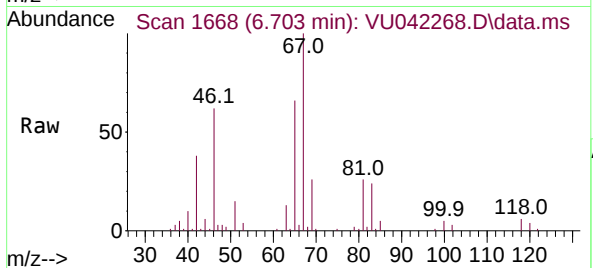
Delta R.T. -0.071 min

Lab File: VU042268.D

Acq: 04 Feb 2021 16:13

Tgt Ion:	83	Resp:	9327
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.74 ug/L

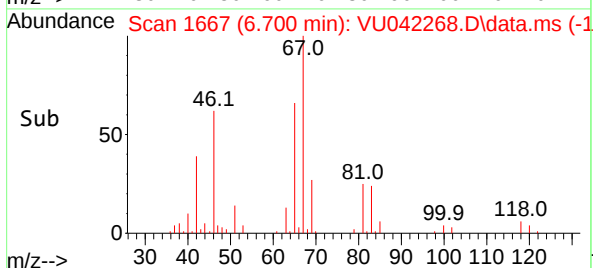
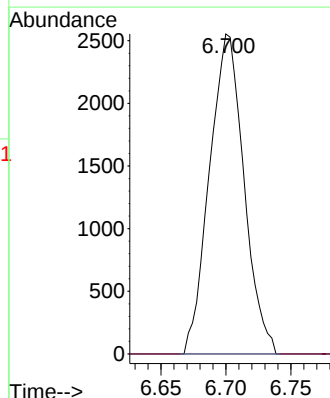
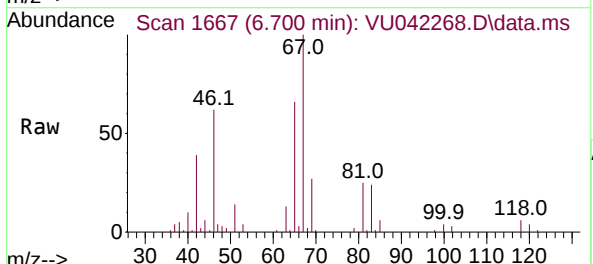
RT: 6.700 min Scan# 1667

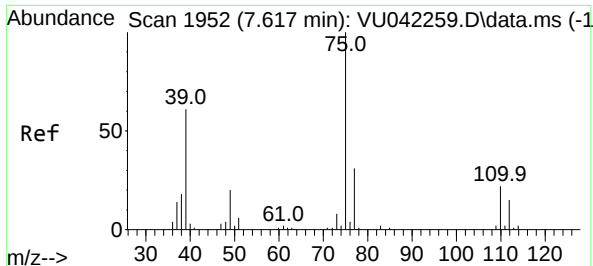
Delta R.T. -0.100 min

Lab File: VU042268.D

Acq: 04 Feb 2021 16:13

Tgt Ion:	63	Resp:	4712
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



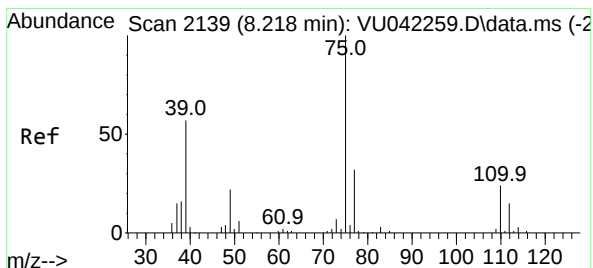
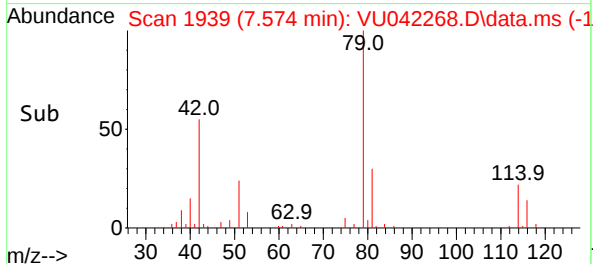
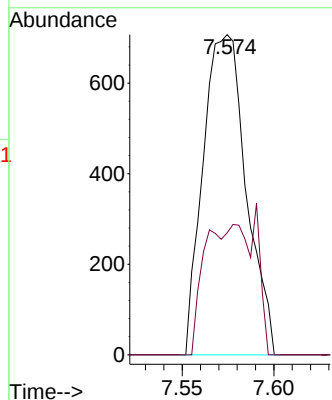
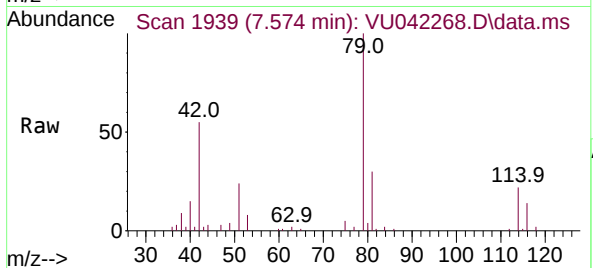


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

Instrument :
MSVOA_U
ClientSampled :

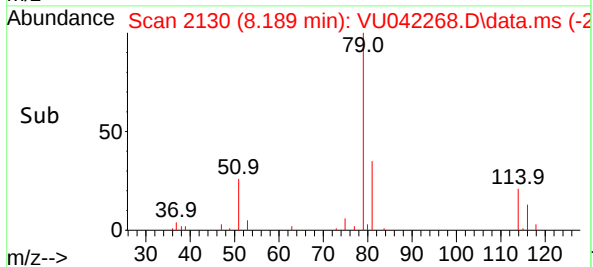
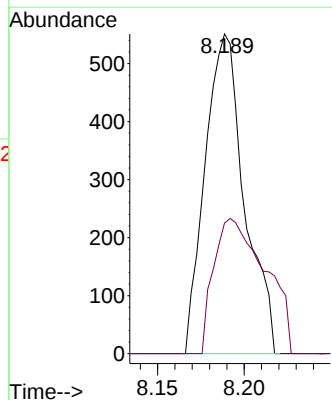
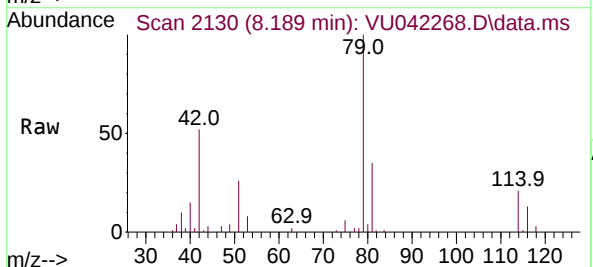
Tgt Ion: 75 Resp: 1157
Ion Ratio Lower Upper
75 100
77 38.0 22.0 40.8

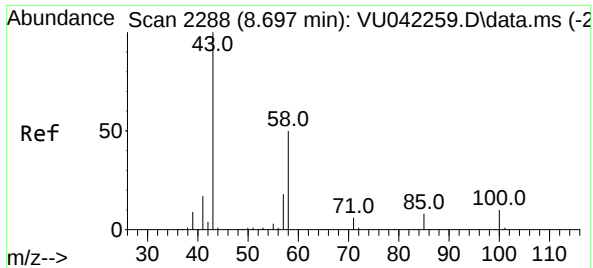


#44

trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

Tgt Ion: 75 Resp: 869
Ion Ratio Lower Upper
75 100
77 40.8 21.8 40.4#

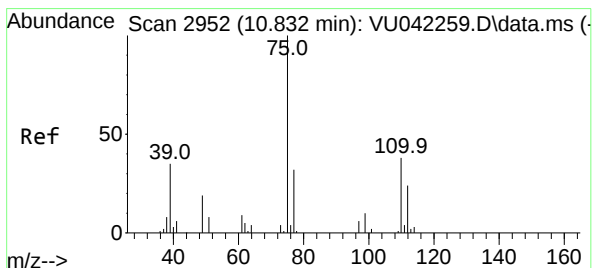
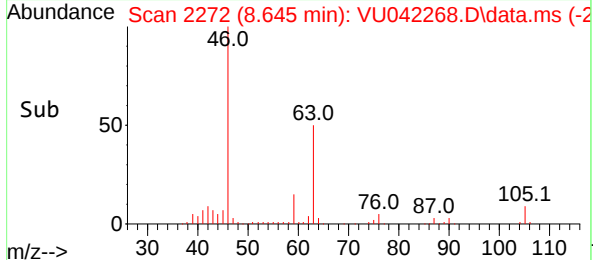
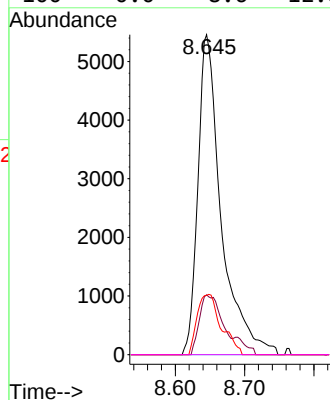
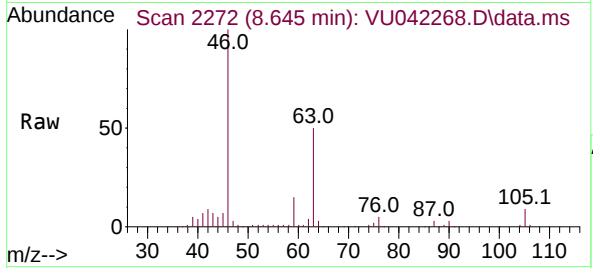




#48
2-Hexanone
Concen: 3.36 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 12782
Ion Ratio	Lower Upper
43 100	
58 18.0	40.6 61.0#
57 19.4	14.9 22.3
100 0.0	8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.11 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042268.D
Acq: 04 Feb 2021 16:13

Tgt Ion: 75	Resp: 5028
Ion Ratio	Lower Upper
75 100	
77 34.1	26.0 39.0

