

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042526.D
 Acq On : 08 Mar 2021 14:05
 Operator : SY/MD
 Sample : M1588-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

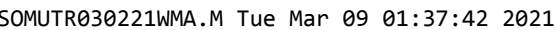
Quant Time: Mar 09 01:37:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 09 01:35:43 2021
 Response via : Initial Calibration

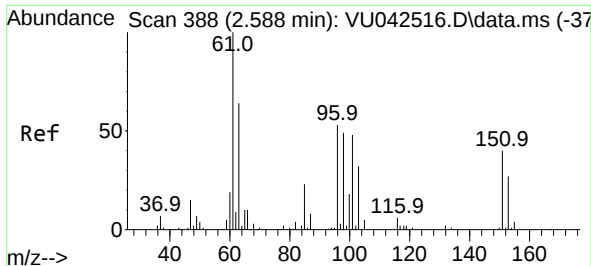
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	94028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42949	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23369	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.919	69	21055	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.575	63	64750	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.649	46	87919	42.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.44%
24) Chloroform-d	5.073	84	55292	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.713	65	37672	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.735	84	100826	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.700	67	33538	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.906	98	96193	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloroprop...	8.189	79	13710	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.645	63	74417	45.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29028	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	37928	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	462	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.588	96	40425	6.10	ug/L	94
16) Methylene chloride	3.047	84	1267	0.16	ug/L	95
19) 1,1-Dichloroethane	3.883	63	4783	0.36	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	122408	9.58	ug/L	95
31) Carbon tetrachloride	5.327	117	15468	1.37	ug/L	99
35) Methylcyclohexane	6.700	83	7666	0.63	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3967	0.51	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1074	0.09	ug/L #	55
44) trans-1,3-Dichloropropene	8.189	75	768	0.07	ug/L	89
48) 2-Hexanone	8.645	43	11097	2.22	ug/L #	72
59) 1,2,3-Trichloropropane	10.639	75	1046	0.18	ug/L #	42

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

Quant Time: Mar 09 01:37:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 09 01:35:43 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.06 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU042526.D

Acq: 08 Mar 2021 14:05

Tgt Ion:101 Resp: 462

Ion Ratio Lower Upper

101 100

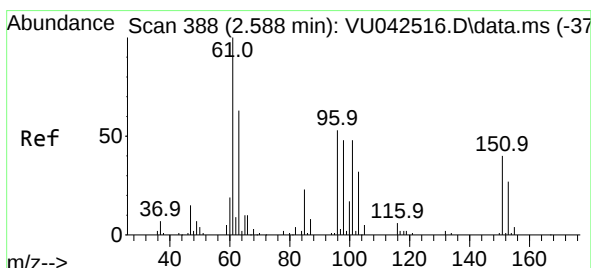
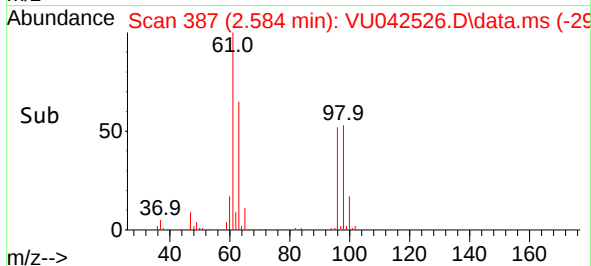
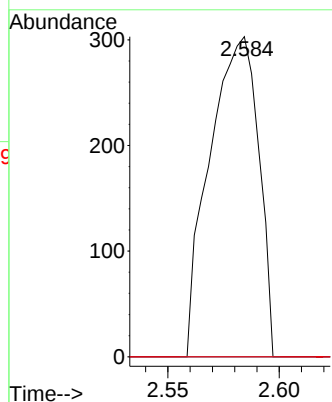
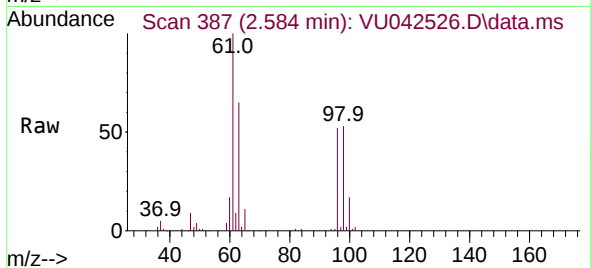
85 0.0 34.6 51.8#

151 0.0 62.7 94.1#

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 6.10 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU042526.D

Acq: 08 Mar 2021 14:05

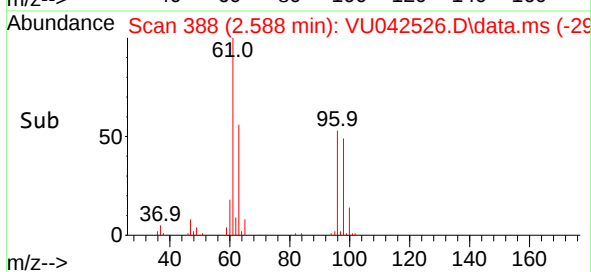
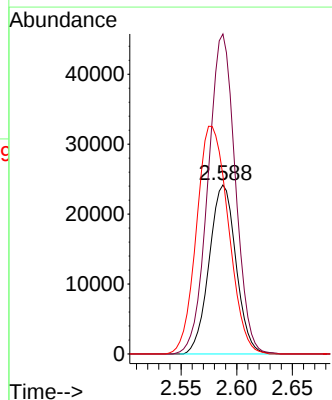
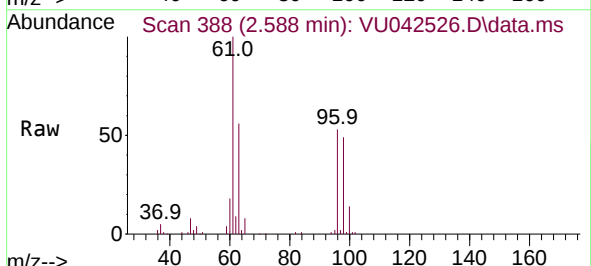
Tgt Ion: 96 Resp: 40425

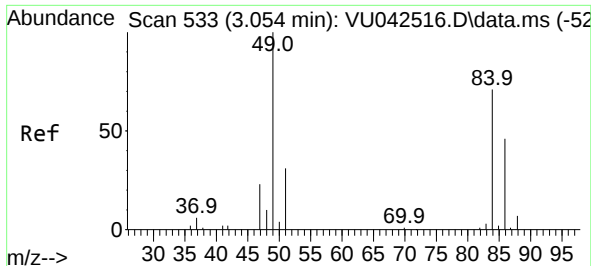
Ion Ratio Lower Upper

96 100

61 189.4 126.2 234.4

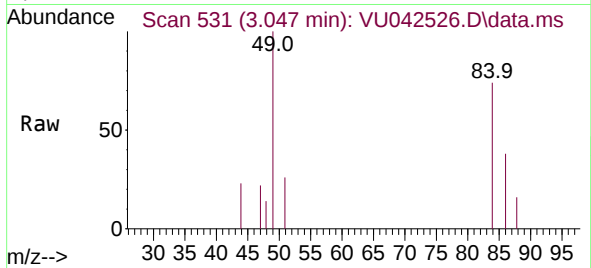
63 105.5 77.8 144.4





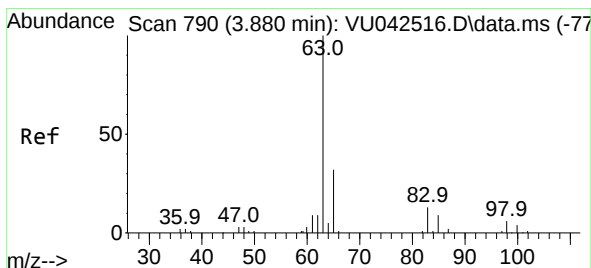
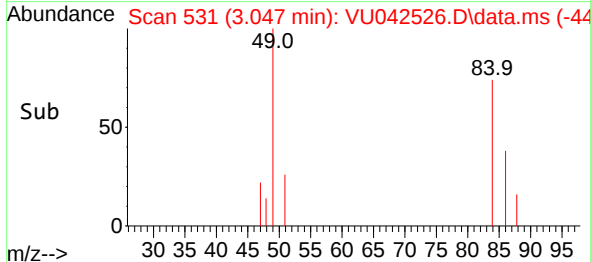
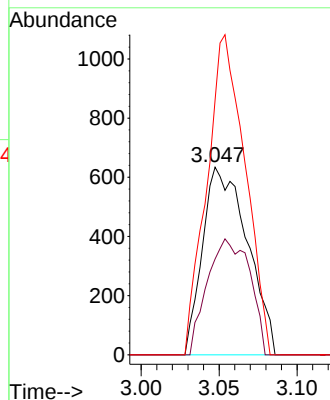
#16
Methylene chloride
Concen: 0.16 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.007 min
Lab File: VU042526.D
Acq: 08 Mar 2021 14:05

Instrument :
MSVOA_U
ClientSampled :

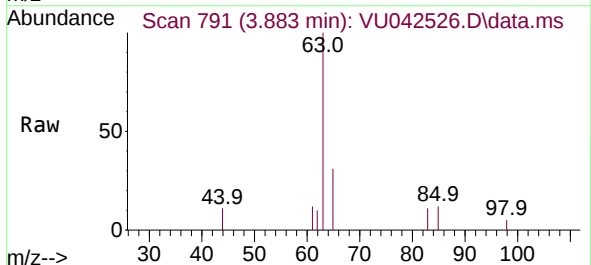


Tgt Ion: 84 Resp: 1267

Ion	Ratio	Lower	Upper
84	100		
86	51.1	44.1	81.9
49	135.8	95.0	176.4

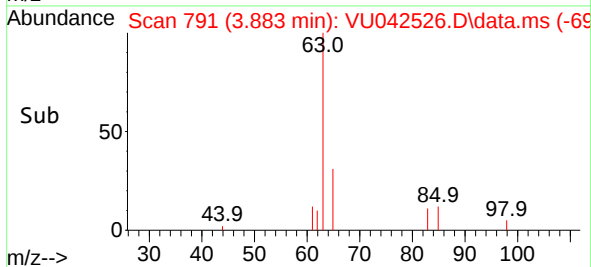
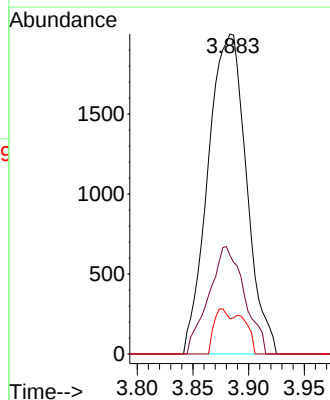


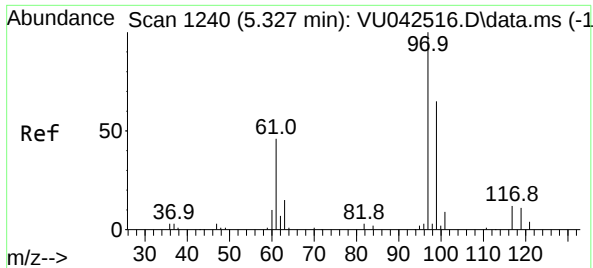
#19
1,1-Dichloroethane
Concen: 0.36 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU042526.D
Acq: 08 Mar 2021 14:05



Tgt Ion: 63 Resp: 4783

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.5	41.9
83	11.0	10.1	18.7

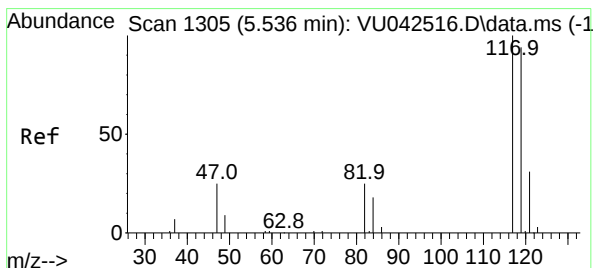
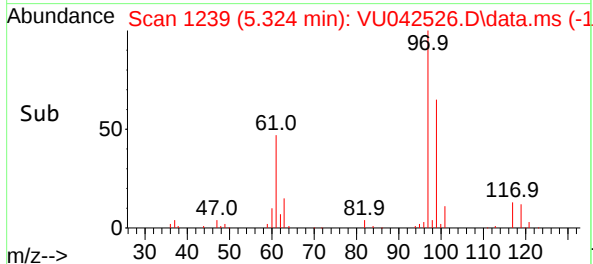
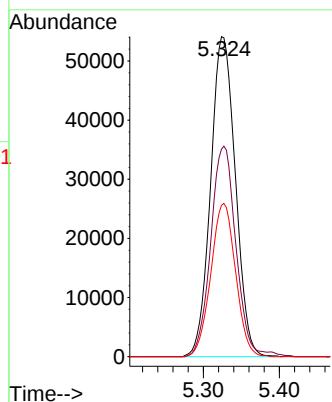
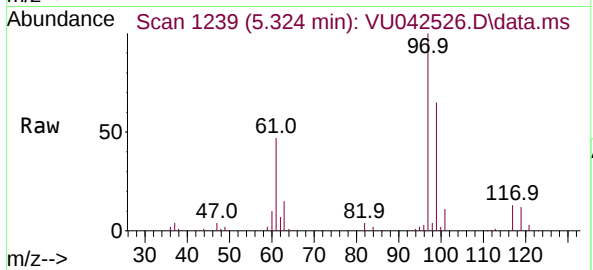




#29
1,1,1-Trichloroethane
Concen: 9.58 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042526.D
Acq: 08 Mar 2021 14:05

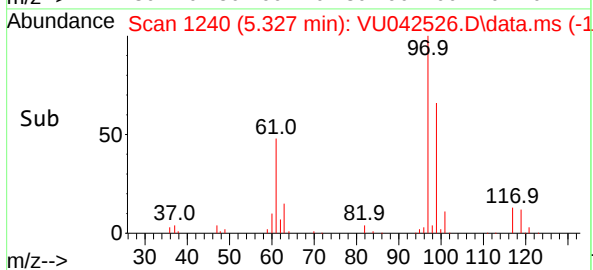
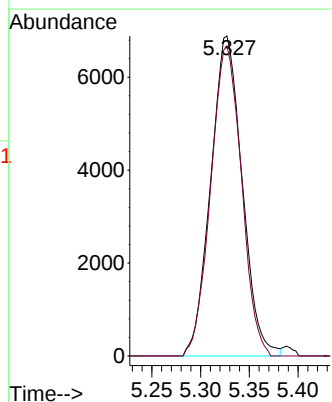
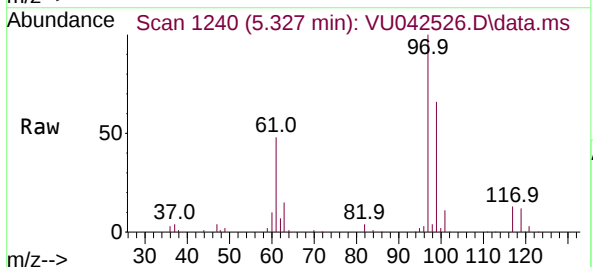
Instrument :
MSVOA_U
ClientSampleId :

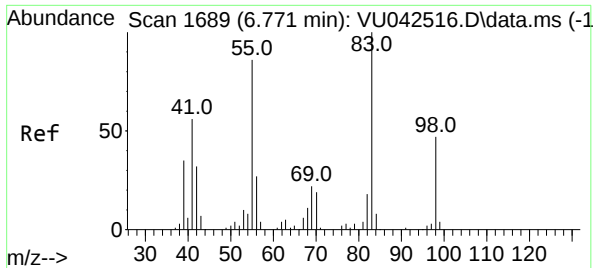
Tgt Ion: 97 Resp: 122408
Ion Ratio Lower Upper
97 100
99 67.2 50.8 76.2
61 47.9 35.8 53.6



#31
Carbon tetrachloride
Concen: 1.37 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.209 min
Lab File: VU042526.D
Acq: 08 Mar 2021 14:05

Tgt Ion:117 Resp: 15468
Ion Ratio Lower Upper
117 100
119 94.4 76.2 114.4





#35

Methylcyclohexane

Concen: 0.63 ug/L

RT: 6.700 min Scan# 1667

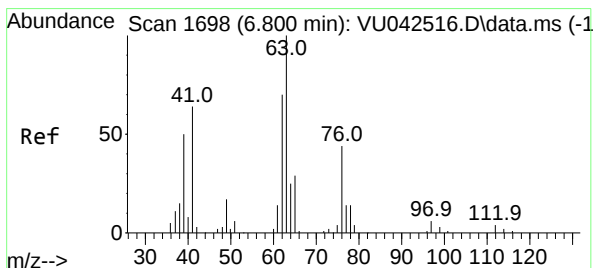
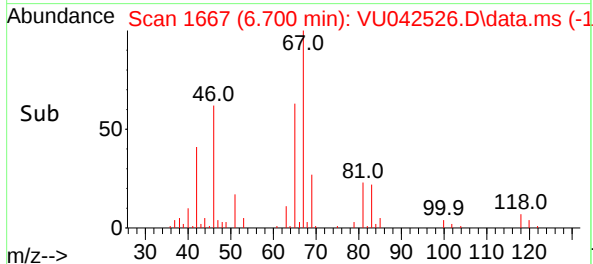
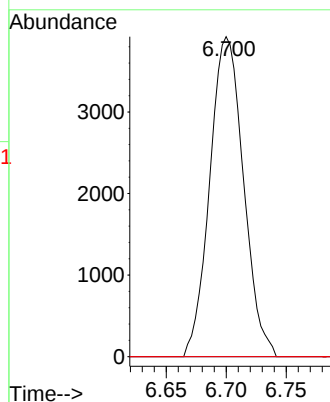
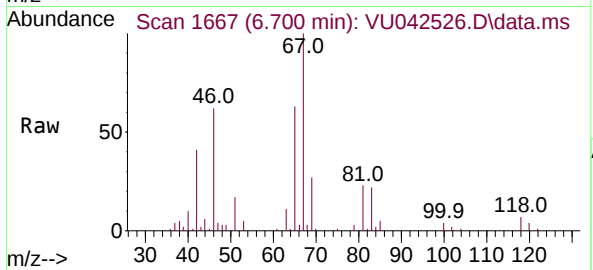
Delta R.T. -0.071 min

Lab File: VU042526.D

Acq: 08 Mar 2021 14:05

Tgt Ion:	83	Resp:	7666
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: 0.51 ug/L

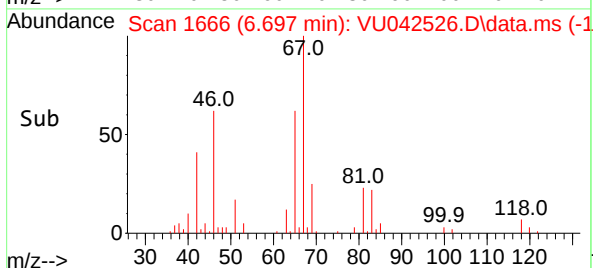
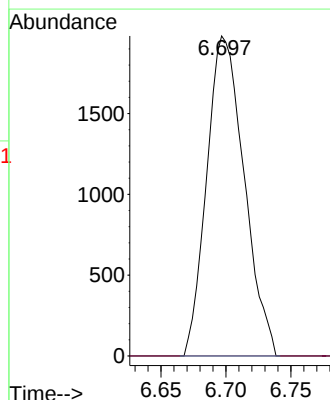
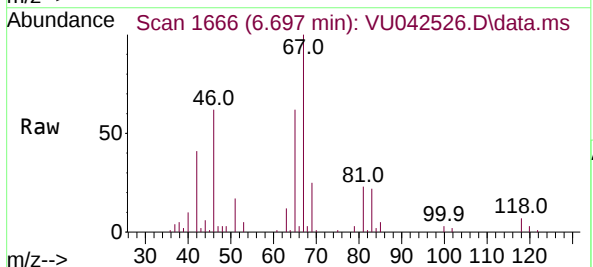
RT: 6.697 min Scan# 1666

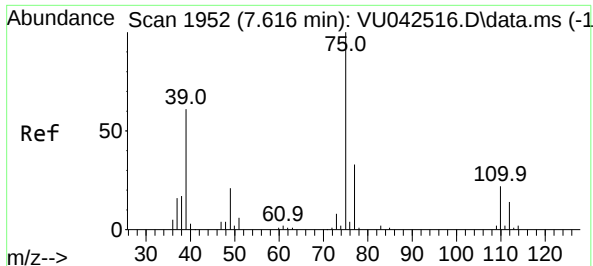
Delta R.T. -0.103 min

Lab File: VU042526.D

Acq: 08 Mar 2021 14:05

Tgt Ion:	63	Resp:	3967
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.0#



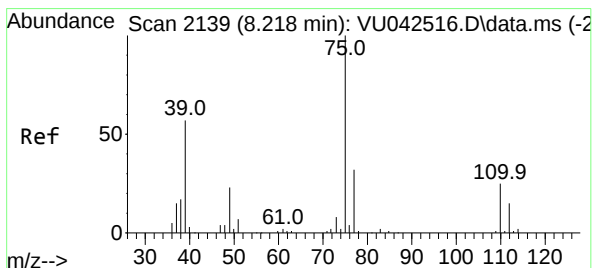
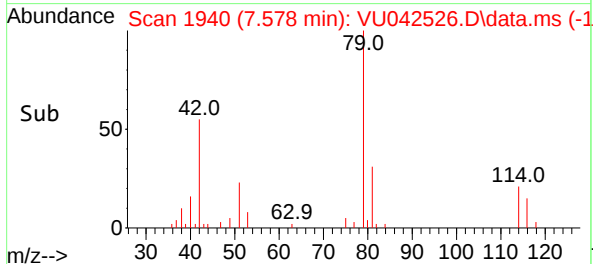
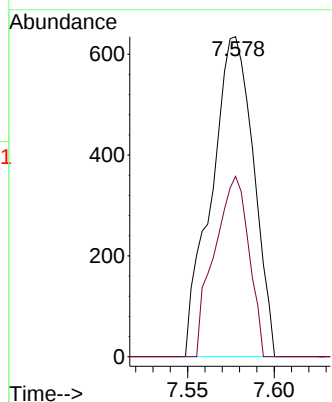
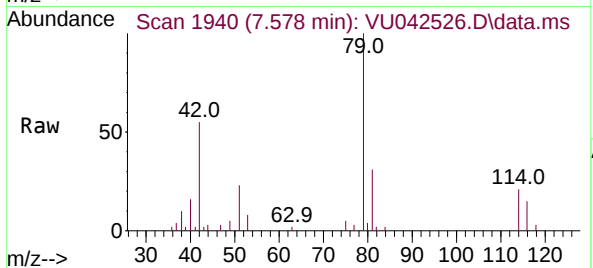


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042526.D
Acq: 08 Mar 2021 14:05

Instrument :
MSVOA_U
ClientSampled :

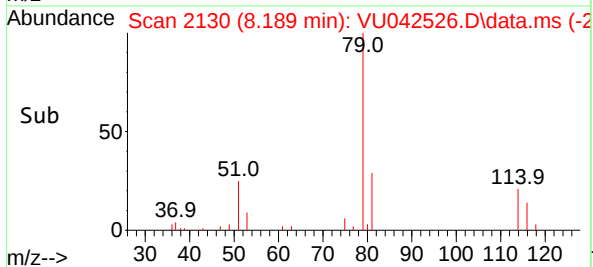
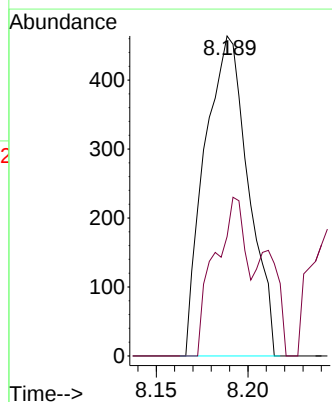
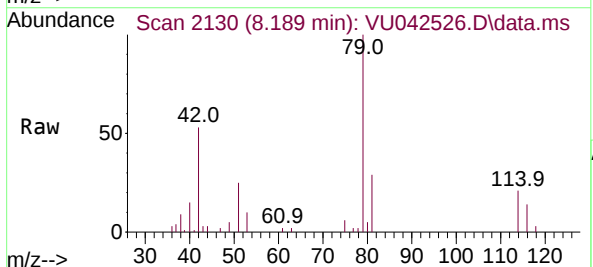
Tgt Ion: 75 Resp: 1074
Ion Ratio Lower Upper
75 100
77 56.4 22.0 40.8#

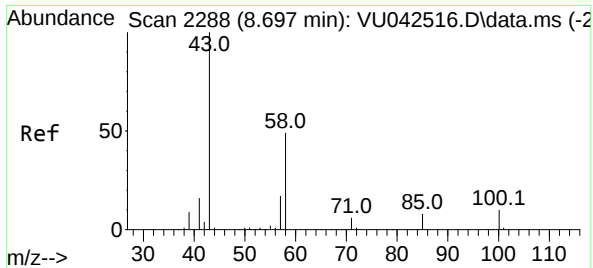


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042526.D
Acq: 08 Mar 2021 14:05

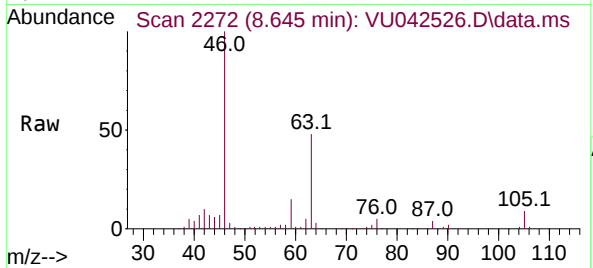
Tgt Ion: 75 Resp: 768
Ion Ratio Lower Upper
75 100
77 37.3 21.8 40.4



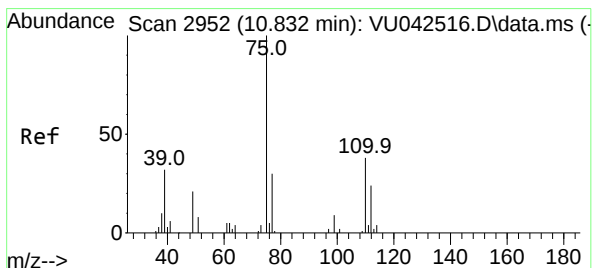
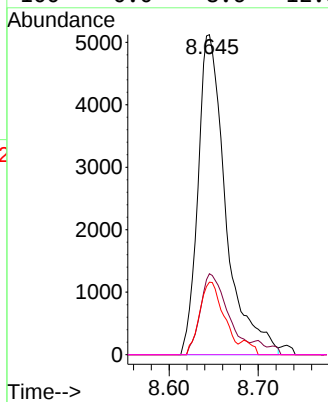
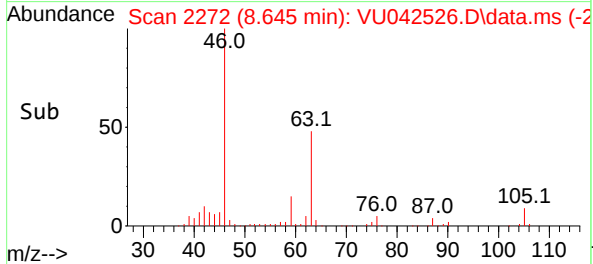


#48
2-Hexanone
Concen: 2.22 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042526.D
Acq: 08 Mar 2021 14:05

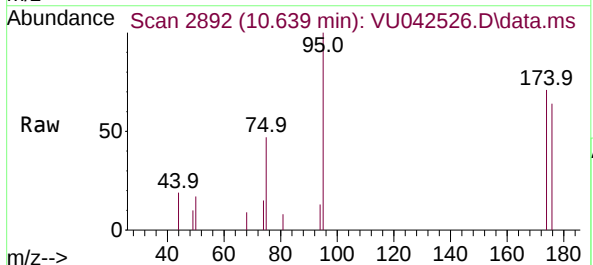
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	43	Resp:	11097
Ion Ratio	100	Lower	Upper
58	24.9	40.6	61.0#
57	19.7	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.18 ug/L
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042526.D
Acq: 08 Mar 2021 14:05



Tgt Ion:	75	Resp:	1046
Ion Ratio	100	Lower	Upper
77	0.0	26.0	39.0#

