

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042524.D
 Acq On : 08 Mar 2021 13:17
 Operator : SY/MD
 Sample : M1588-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 01:37:23 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

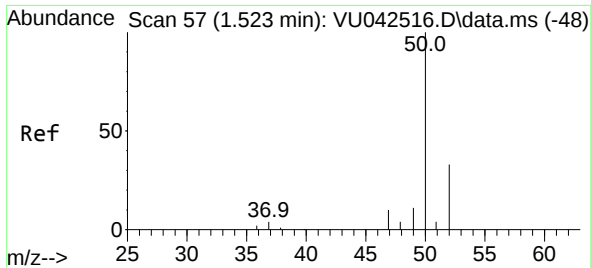
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	94017	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	89705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43404	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23744	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.919	69	20825	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.575	63	42208	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.646	46	83748	40.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.40%
24) Chloroform-d	5.073	84	55654	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.713	65	36962	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.739	84	99626	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.700	67	33972	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	95469	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloroprop...	8.186	79	14426	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.645	63	73280	46.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.34%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29251	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	38547	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2123	0.26	ug/L	98
12) 1,1-Dichloroethene	2.585	96	429	0.06	ug/L #	1
19) 1,1-Dichloroethane	3.880	63	2911	0.22	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	16495	1.32	ug/L	95
31) Carbon tetrachloride	5.334	117	2043	0.19	ug/L	95
33) Benzene	5.739	78	832	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	7910	0.67	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3875	0.51	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1170	0.11	ug/L	88
44) trans-1,3-Dichloropropene	8.186	75	696	0.07	ug/L #	75
48) 2-Hexanone	8.645	43	11151	2.29	ug/L #	72
59) 1,2,3-Trichloropropane	10.639	75	697	0.12	ug/L #	42

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

Quant Time: Mar 09 01:37:23 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

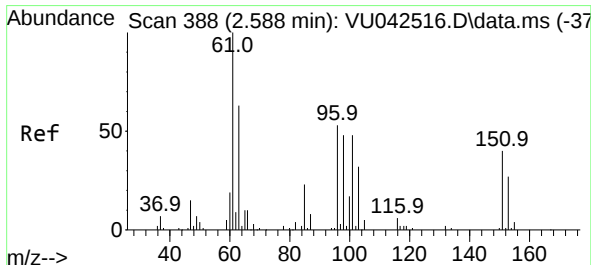
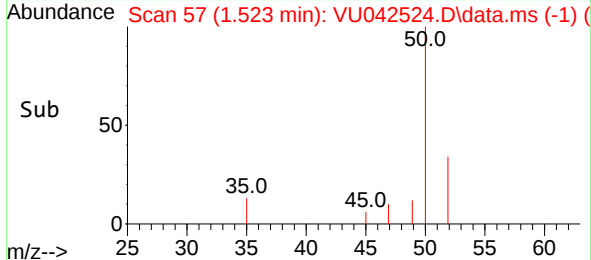
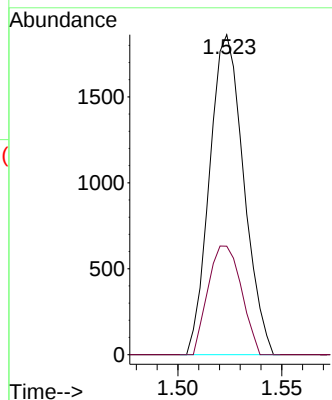
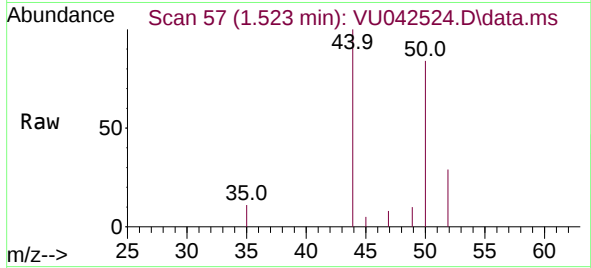




#3
Chloromethane
Concen: 0.26 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042524.D
Acq: 08 Mar 2021 13:17

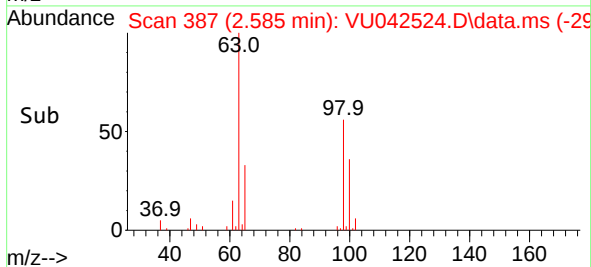
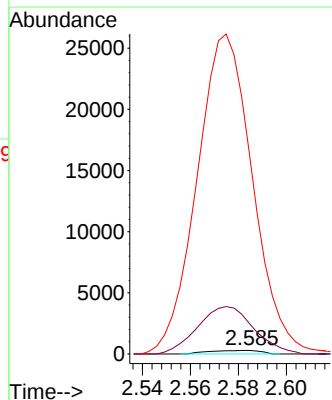
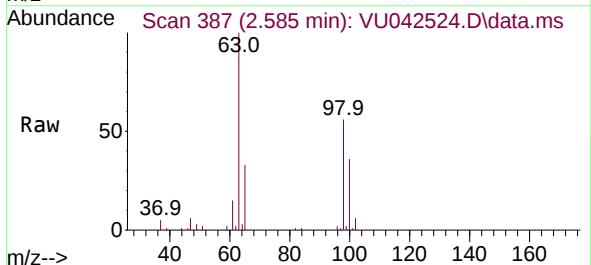
Instrument :
MSVOA_U
ClientSampled :

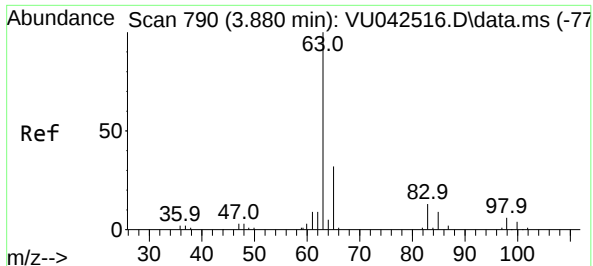
Tgt Ion: 50 Resp: 2123
Ion Ratio Lower Upper
50 100
52 33.9 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042524.D
Acq: 08 Mar 2021 13:17

Tgt Ion: 96 Resp: 429
Ion Ratio Lower Upper
96 100
61 854.8 126.2 234.4#
63 5627.4 77.8 144.4#





#19

1,1-Dichloroethane

Concen: 0.22 ug/L

RT: 3.880 min Scan# 790

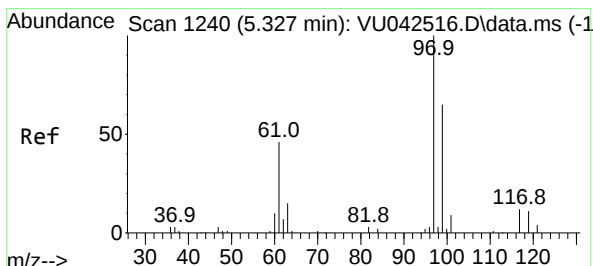
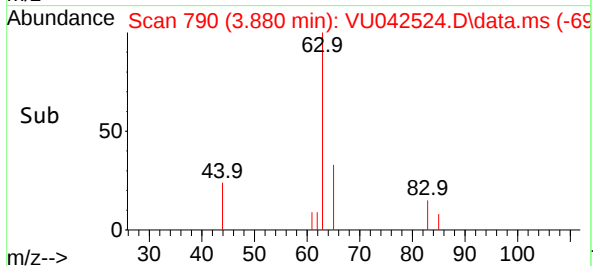
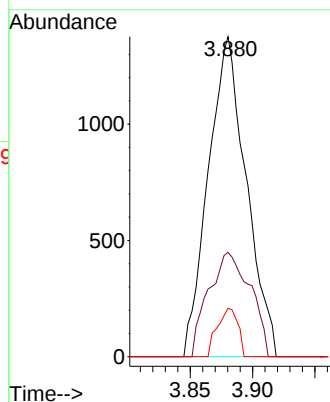
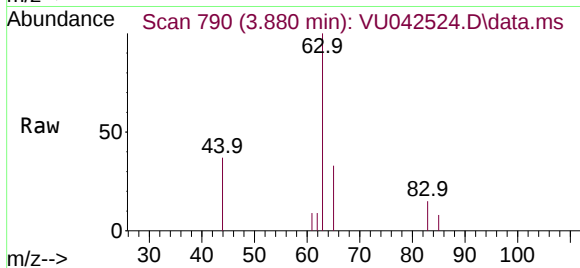
Delta R.T. 0.000 min

Lab File: VU042524.D

Acq: 08 Mar 2021 13:17

Tgt Ion:	63	Resp:	2911
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.5	41.9
83	15.1	10.1	18.7

Instrument :
MSVOA_U
ClientSampled :



#29

1,1,1-Trichloroethane

Concen: 1.32 ug/L

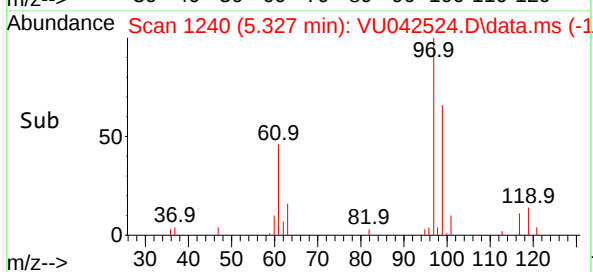
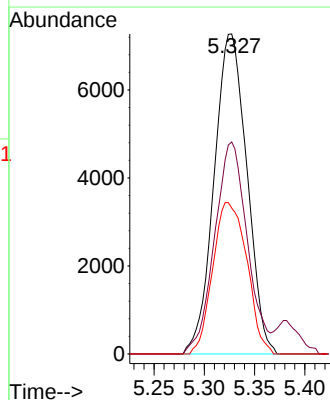
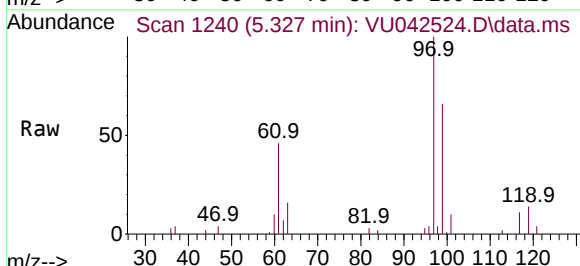
RT: 5.327 min Scan# 1240

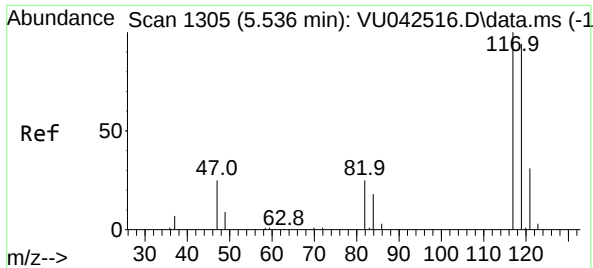
Delta R.T. 0.000 min

Lab File: VU042524.D

Acq: 08 Mar 2021 13:17

Tgt Ion:	97	Resp:	16495
Ion	Ratio	Lower	Upper
97	100		
99	66.3	50.8	76.2
61	49.1	35.8	53.6

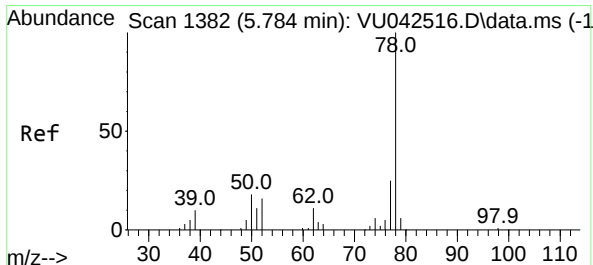
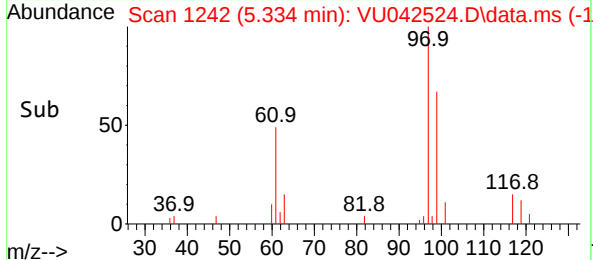
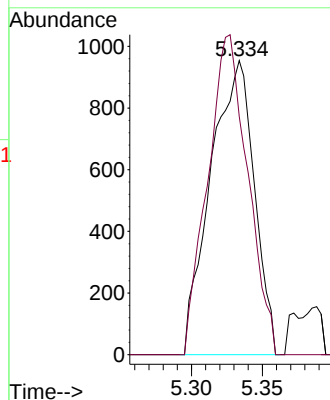
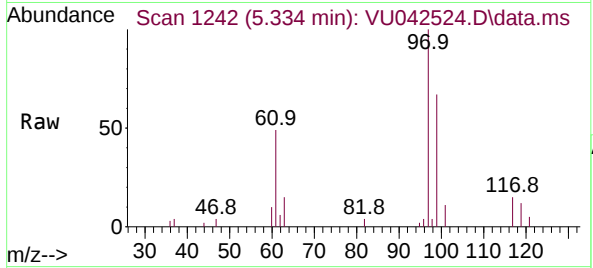




#31
Carbon tetrachloride
Concen: 0.19 ug/L
RT: 5.334 min Scan# 1242
Delta R.T. -0.202 min
Lab File: VU042524.D
Acq: 08 Mar 2021 13:17

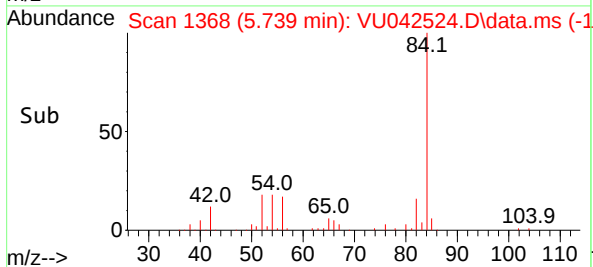
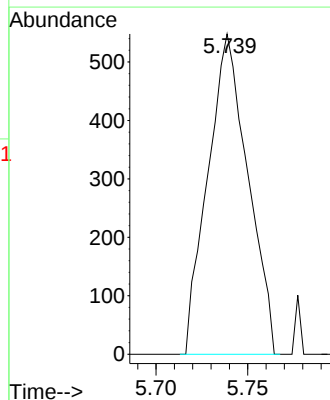
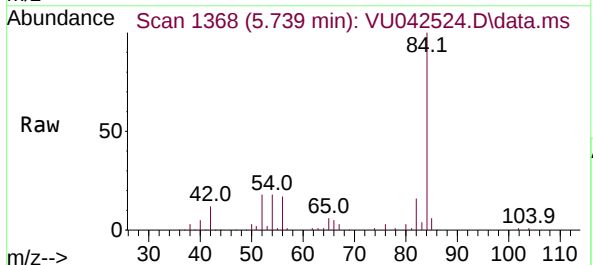
Instrument :
MSVOA_U
ClientSampleId :

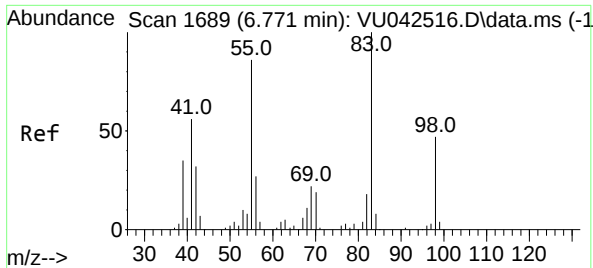
Tgt Ion:117 Resp: 2043
Ion Ratio Lower Upper
117 100
119 100.0 76.2 114.4



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042524.D
Acq: 08 Mar 2021 13:17

Tgt Ion: 78 Resp: 832





#35

Methylcyclohexane

Concen: 0.67 ug/L

RT: 6.697 min Scan# 1666

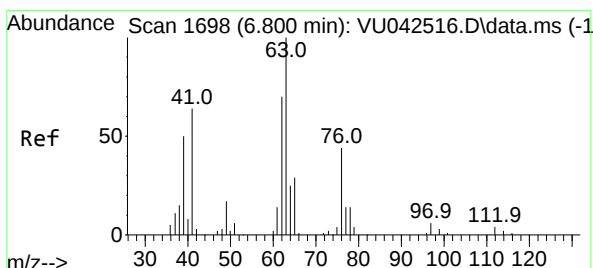
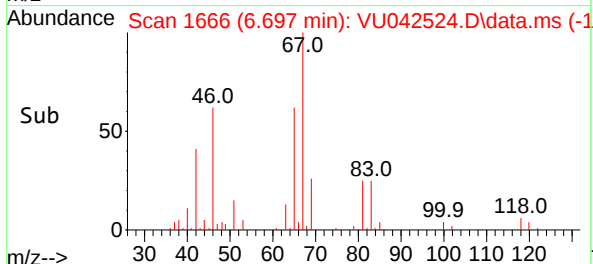
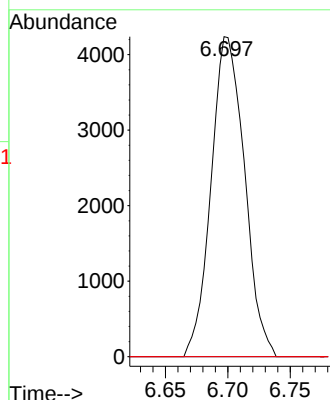
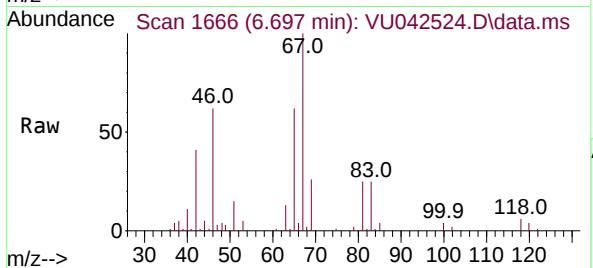
Delta R.T. -0.074 min

Lab File: VU042524.D

Acq: 08 Mar 2021 13:17

Tgt Ion:	83	Resp:	7910
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.51 ug/L

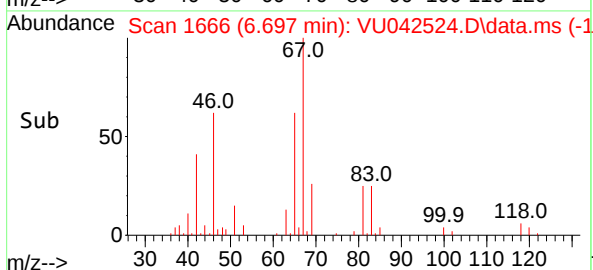
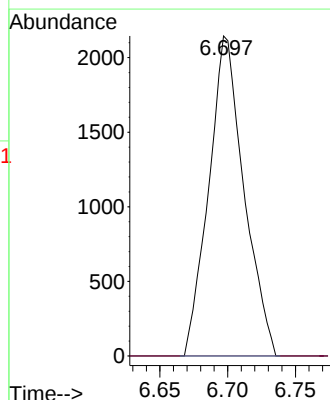
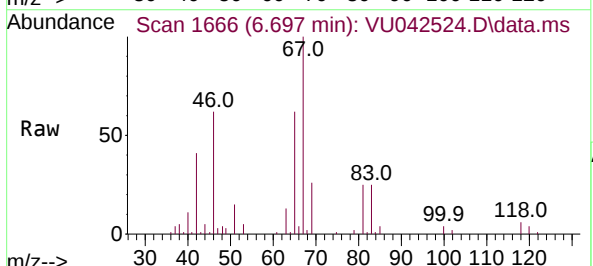
RT: 6.697 min Scan# 1666

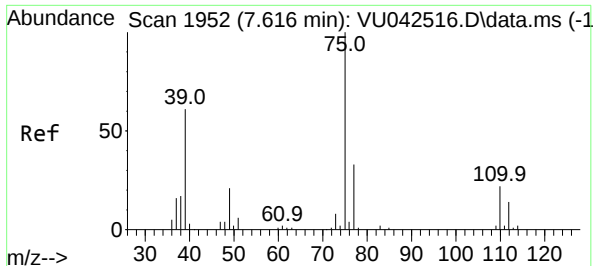
Delta R.T. -0.103 min

Lab File: VU042524.D

Acq: 08 Mar 2021 13:17

Tgt Ion:	63	Resp:	3875
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



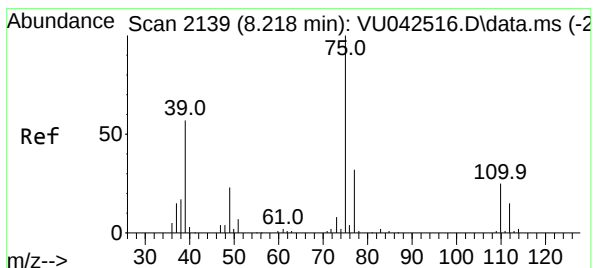
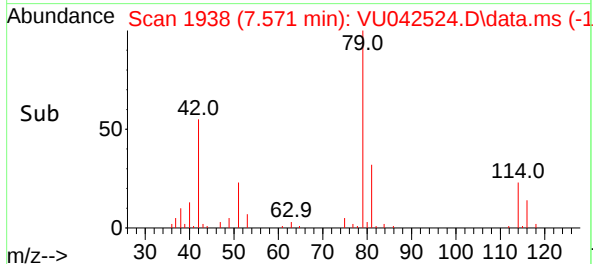
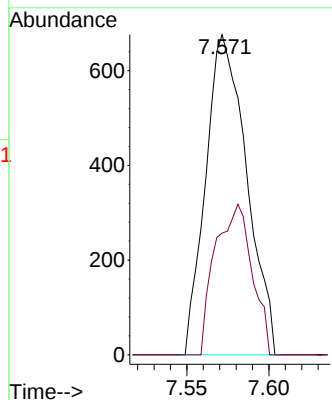
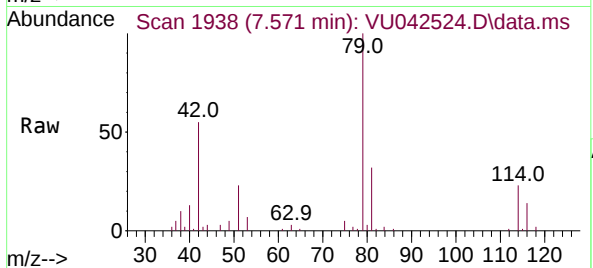


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042524.D
Acq: 08 Mar 2021 13:17

Instrument :
MSVOA_U
ClientSampled :

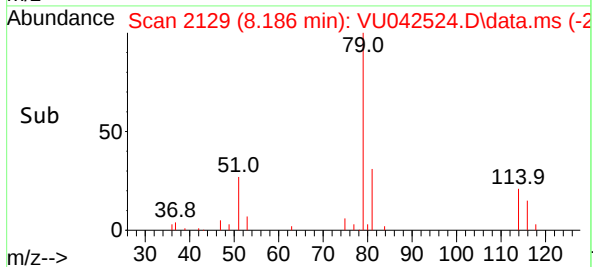
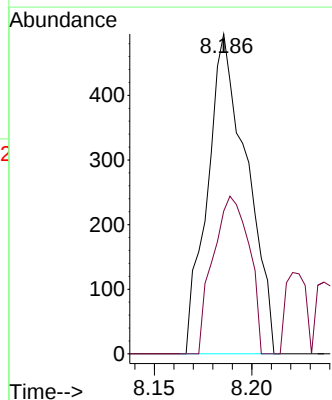
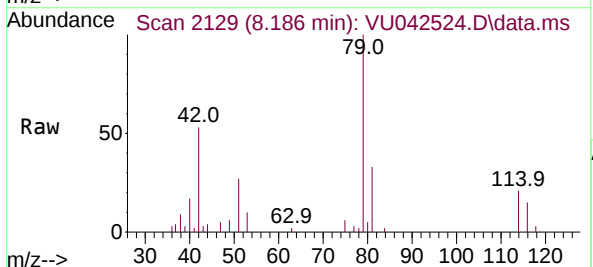
Tgt Ion: 75 Resp: 1170
Ion Ratio Lower Upper
75 100
77 38.0 22.0 40.8

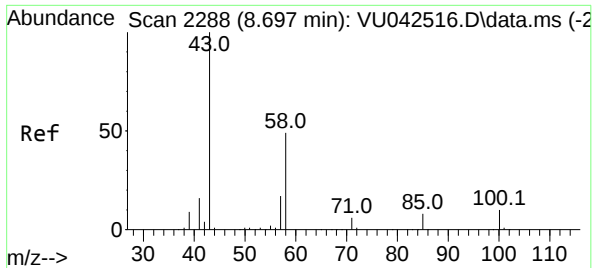


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042524.D
Acq: 08 Mar 2021 13:17

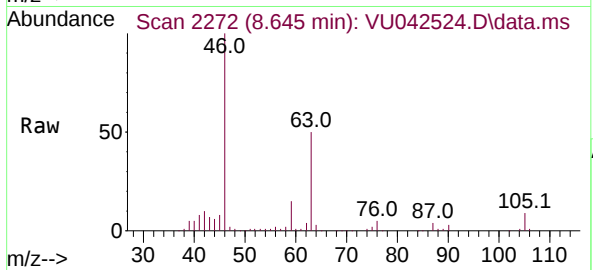
Tgt Ion: 75 Resp: 696
Ion Ratio Lower Upper
75 100
77 44.6 21.8 40.4#



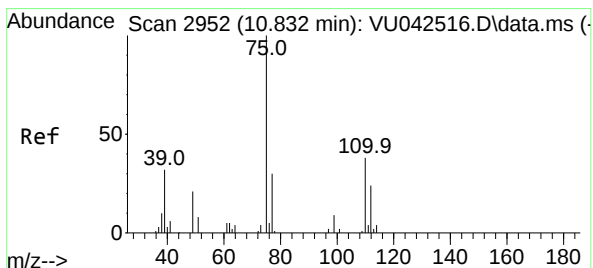
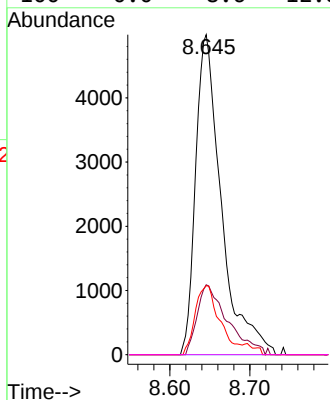
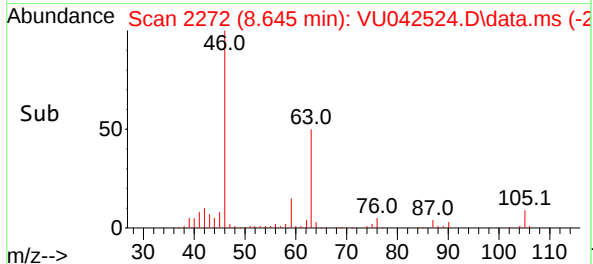


#48
2-Hexanone
Concen: 2.29 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042524.D
Acq: 08 Mar 2021 13:17

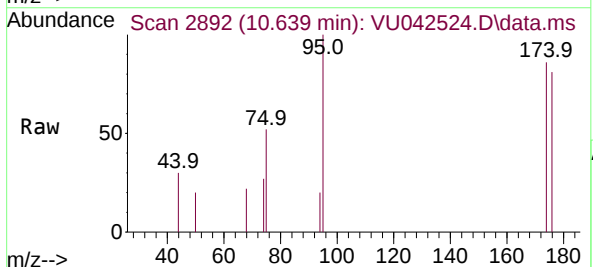
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 11151
Ion Ratio Lower Upper
43 100
58 26.0 40.6 61.0#
57 20.7 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.12 ug/L
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042524.D
Acq: 08 Mar 2021 13:17



Tgt Ion: 75 Resp: 697
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

