

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042517.D
 Acq On : 08 Mar 2021 10:27
 Operator : SY/MD
 Sample : VU0308WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 01:36:25 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)

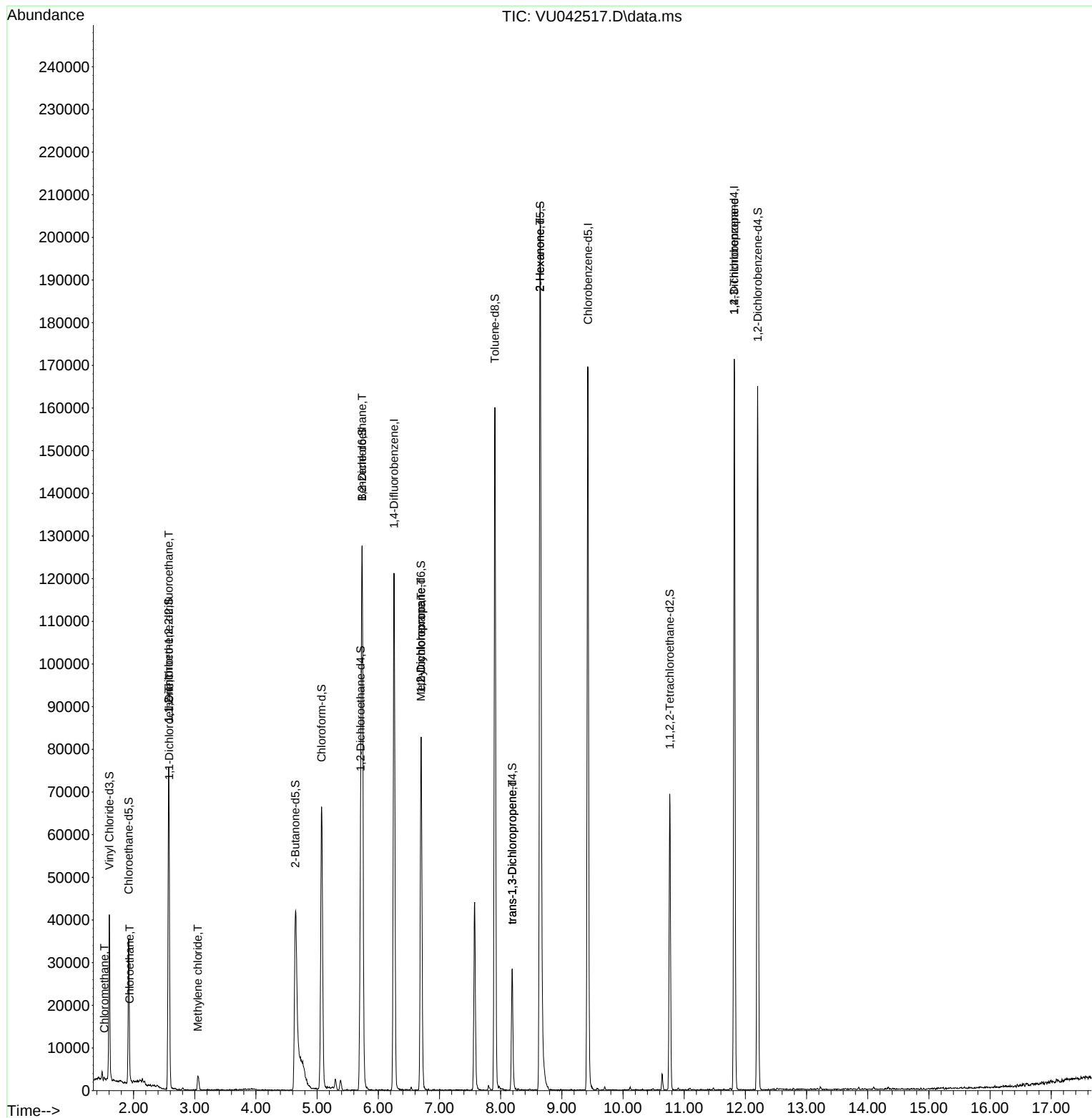
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	94630	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	89915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43110	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26274	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.919	69	22496	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.575	63	46029	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.645	46	90538	43.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.42%
24) Chloroform-d	5.073	84	58553	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.710	65	39204	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.735	84	106708	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.700	67	36638	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.906	98	101678	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloroprop...	8.189	79	15253	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.645	63	79324	49.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.72%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	31247	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	40517	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	493	0.06	ug/L	90
8) Chloroethane	1.935	64	251	0.05	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	390	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.581	96	371	0.06	ug/L #	1
16) Methylene chloride	3.051	84	1423	0.18	ug/L	93
27) 1,2-Dichloroethane	5.735	62	785	0.07	ug/L #	75
35) Methylcyclohexane	6.697	83	8310	0.70	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4349	0.57	ug/L #	87
44) trans-1,3-Dichloropropene	8.189	75	864	0.08	ug/L #	73
48) 2-Hexanone	8.642	43	10630	2.18	ug/L #	70
59) 1,2,3-Trichloropropane	11.819	75	5065	0.89	ug/L	90

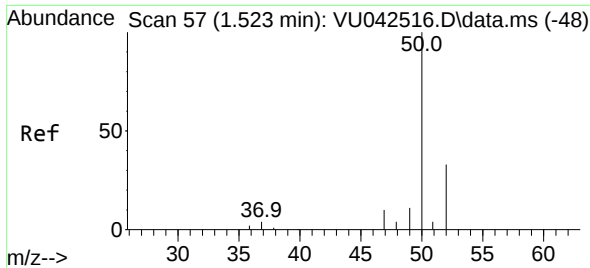
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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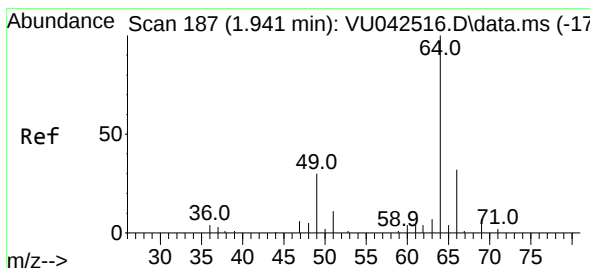
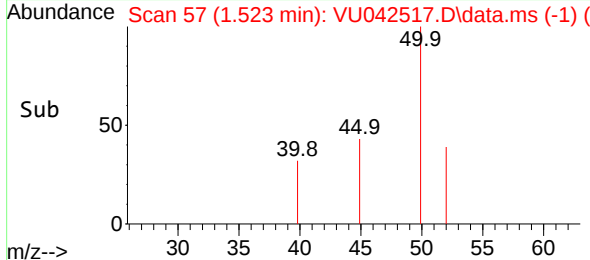
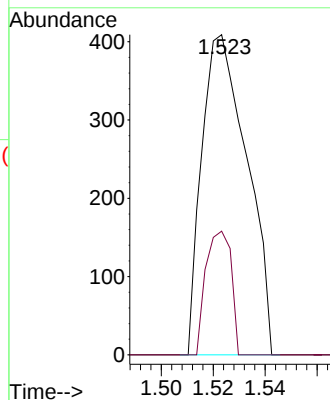
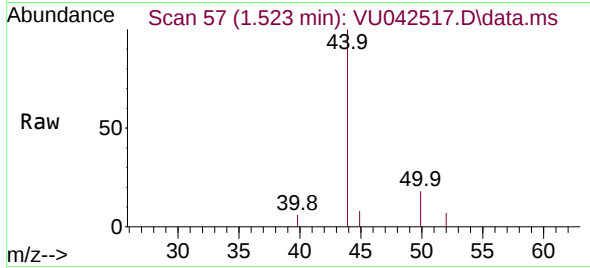




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042517.D
Acq: 08 Mar 2021 10:27

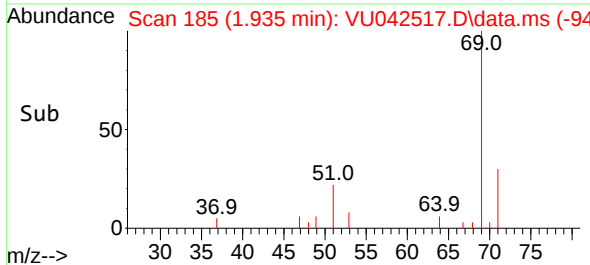
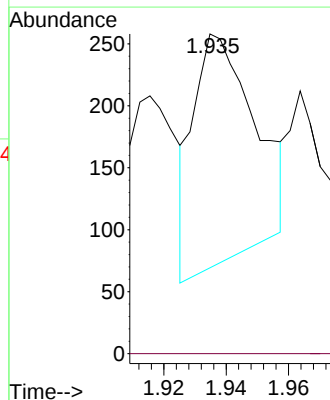
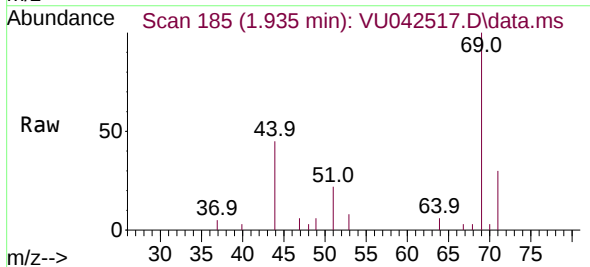
Instrument :
MSVOA_U
ClientSampled :

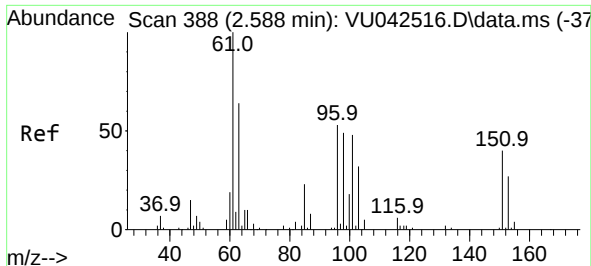
Tgt Ion: 50 Resp: 493
Ion Ratio Lower Upper
50 100
52 38.6 23.0 42.8



#8
Chloroethane
Concen: 0.05 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.007 min
Lab File: VU042517.D
Acq: 08 Mar 2021 10:27

Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

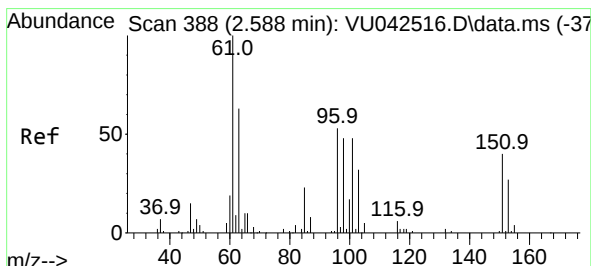
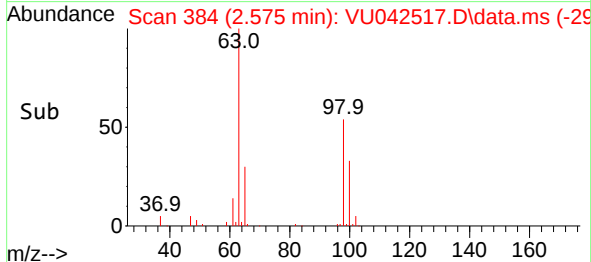
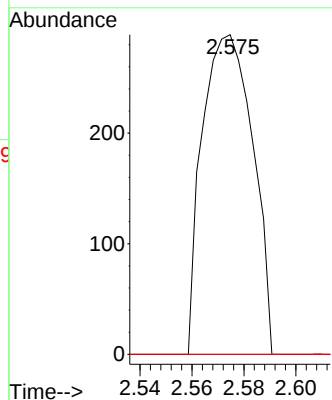
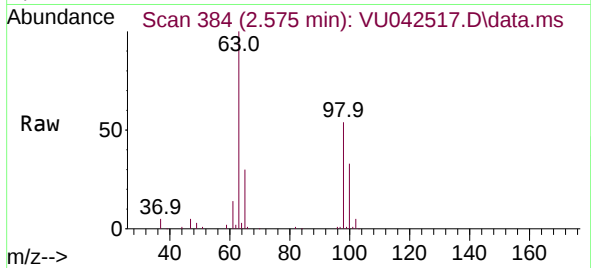




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042517.D
Acq: 08 Mar 2021 10:27

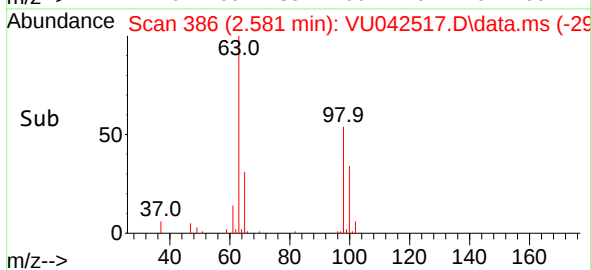
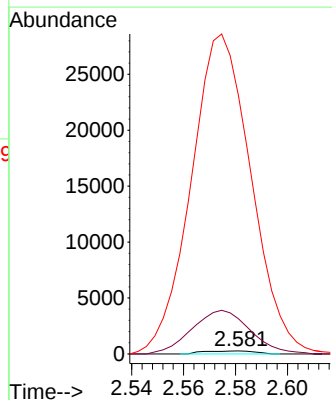
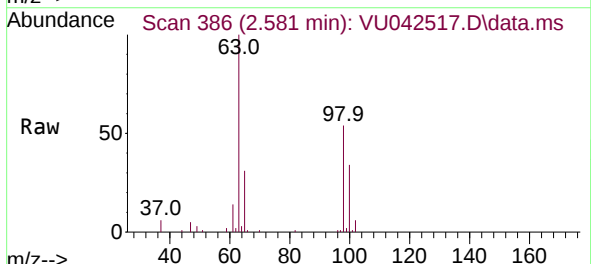
Instrument :
MSVOA_U
ClientSampleId :

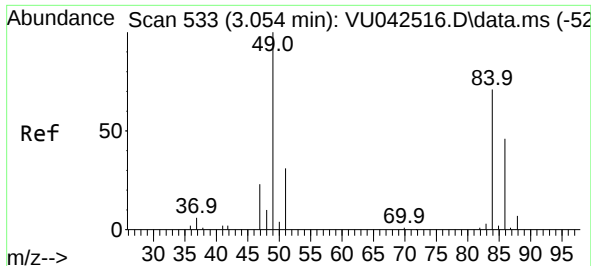
Tgt Ion:101 Resp: 390
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042517.D
Acq: 08 Mar 2021 10:27

Tgt Ion: 96 Resp: 371
Ion Ratio Lower Upper
96 100
61 1130.1 126.2 234.4#
63 8278.1 77.8 144.4#

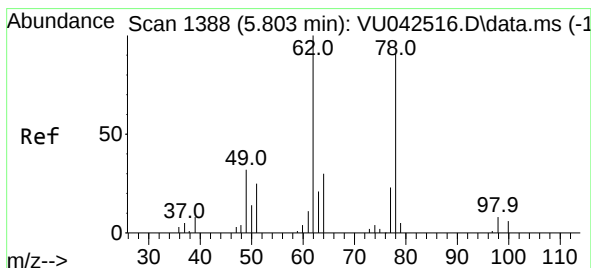
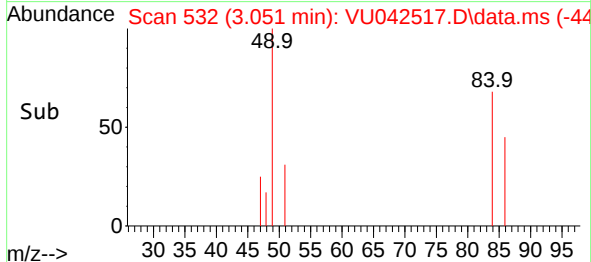
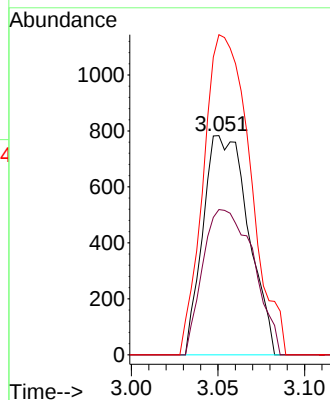
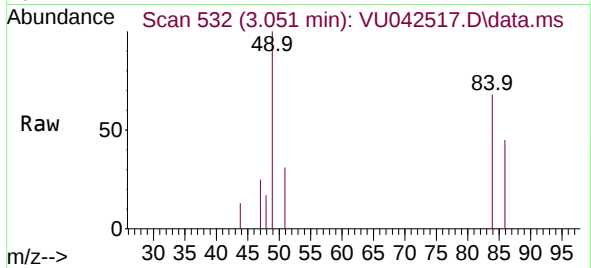




#16
Methylene chloride
Concen: 0.18 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042517.D
Acq: 08 Mar 2021 10:27

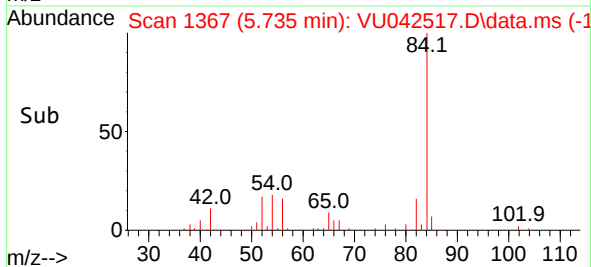
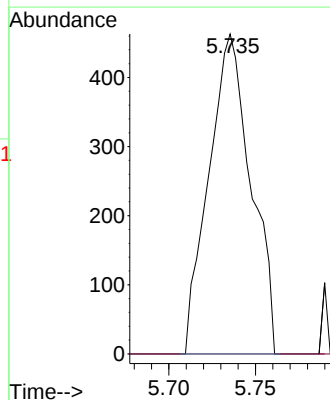
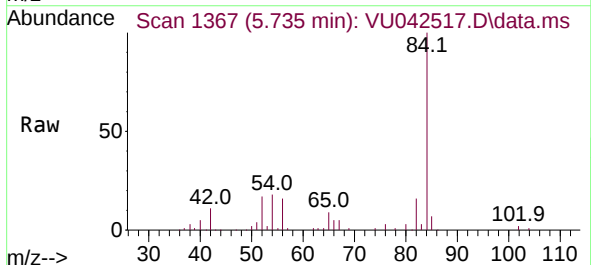
Instrument :
MSVOA_U
ClientSampleId :

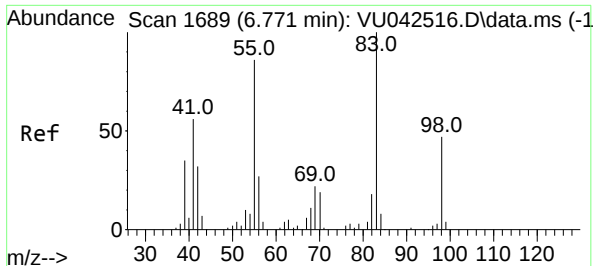
Tgt Ion:	84	Resp:	1423
Ion	Ratio	Lower	Upper
84	100		
86	66.3	44.1	81.9
49	146.1	95.0	176.4



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042517.D
Acq: 08 Mar 2021 10:27

Tgt Ion:	62	Resp:	785
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#





#35

Methylcyclohexane

Concen: 0.70 ug/L

RT: 6.697 min Scan# 1666

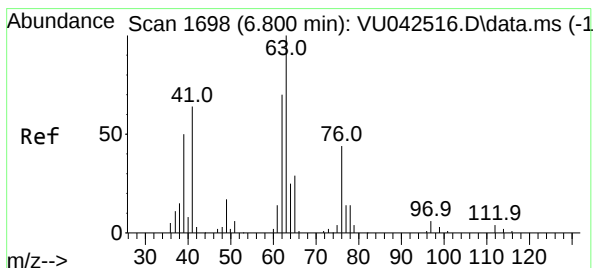
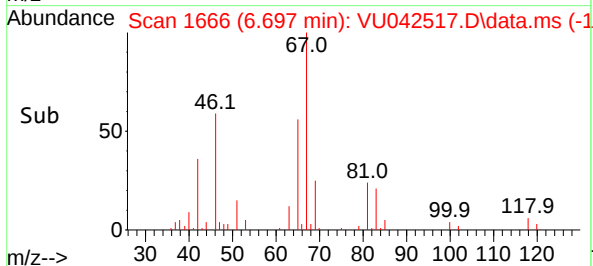
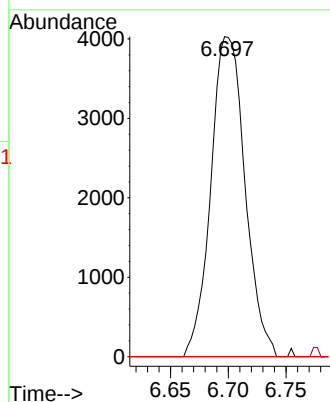
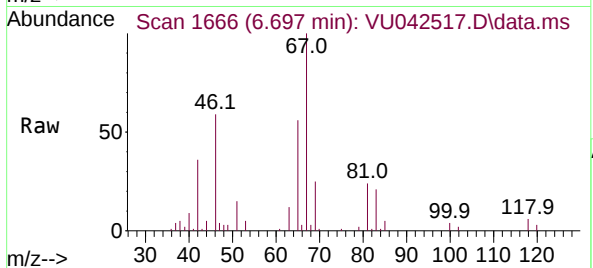
Delta R.T. -0.074 min

Lab File: VU042517.D

Acq: 08 Mar 2021 10:27

Tgt Ion:	83	Resp:	8310
Ion	Ratio	Lower	Upper
83	100		
55	0.5	68.2	102.4#
98	0.0	39.7	59.5#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.57 ug/L

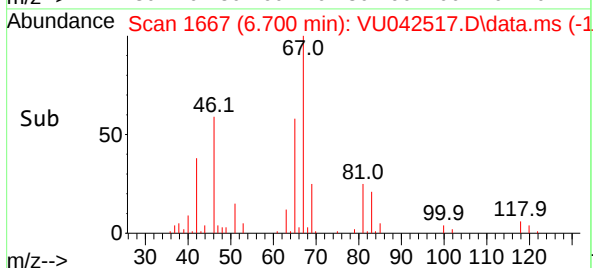
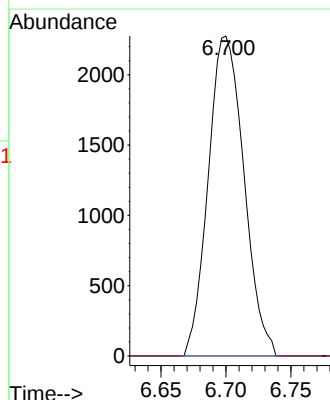
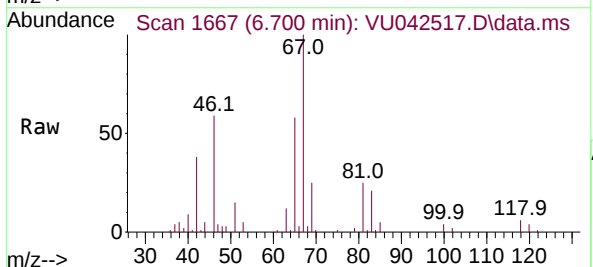
RT: 6.700 min Scan# 1667

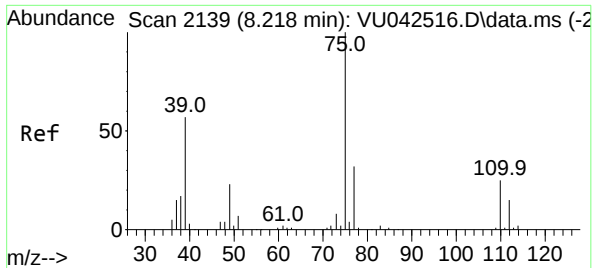
Delta R.T. -0.100 min

Lab File: VU042517.D

Acq: 08 Mar 2021 10:27

Tgt Ion:	63	Resp:	4349
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

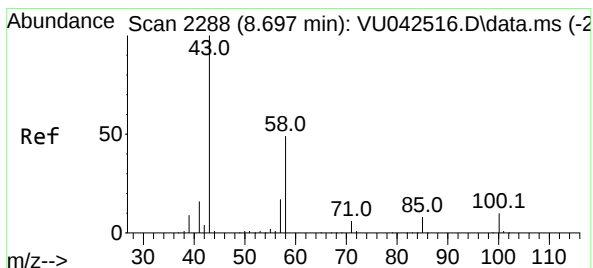
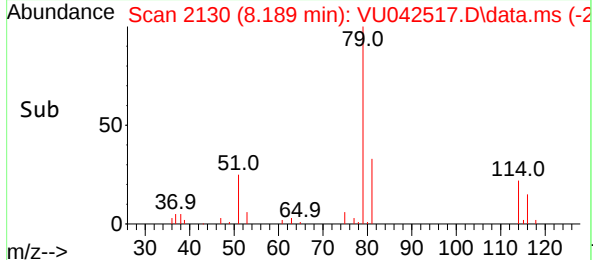
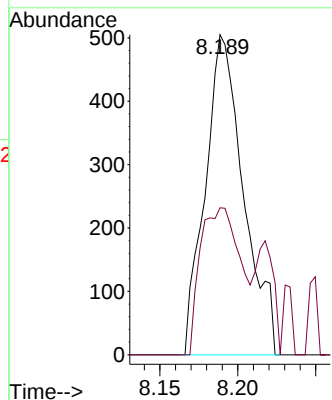
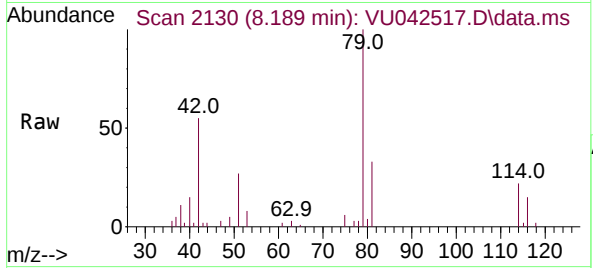




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042517.D
Acq: 08 Mar 2021 10:27

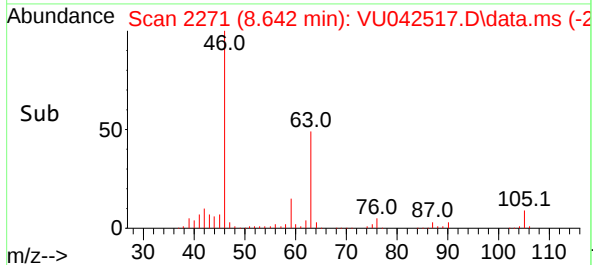
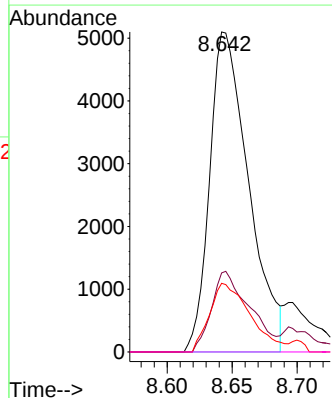
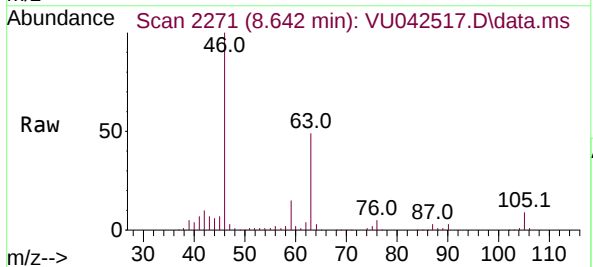
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ClientSampleId :

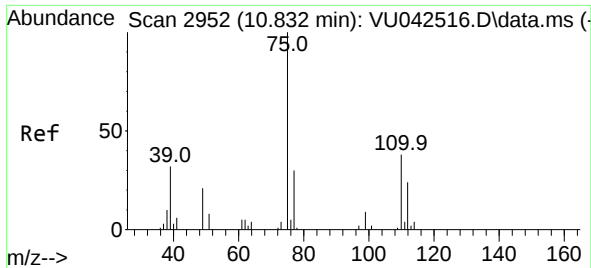
Tgt Ion: 75 Resp: 864
Ion Ratio Lower Upper
75 100
77 45.9 21.8 40.4#



#48
2-Hexanone
Concen: 2.18 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.055 min
Lab File: VU042517.D
Acq: 08 Mar 2021 10:27

Tgt Ion: 43 Resp: 10630
Ion Ratio Lower Upper
43 100
58 24.6 40.6 61.0#
57 22.7 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.89 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042517.D
 Acq: 08 Mar 2021 10:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 5065
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.0 39.0

