

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042527.D
 Acq On : 08 Mar 2021 14:29
 Operator : SY/MD
 Sample : M1588-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 01:37:46 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	97002	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91039	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43473	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23190	3.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	71.80%		
7) Chloroethane-d5	1.919	69	20513	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	83.80%		
11) 1,1-Dichloroethene-d2	2.578	63	68022	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	93.20%		
20) 2-Butanone-d5	4.645	46	89624	42.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	84.42%		
24) Chloroform-d	5.073	84	54966	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.00%		
26) 1,2-Dichloroethane-d4	5.713	65	36834	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.60%		
32) Benzene-d6	5.735	84	99819	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.40%		
36) 1,2-Dichloropropane-d6	6.700	67	33272	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	92.40%		
41) Toluene-d8	7.906	98	94675	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.80%		
43) trans-1,3-Dichloroprop...	8.189	79	14168	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.20%		
46) 2-Hexanone-d5	8.645	63	74747	46.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.82%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29549	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.20%		
64) 1,2-Dichlorobenzene-d4	12.201	152	38753	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.40%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	493	0.06	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	344	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.588	96	46348	6.78	ug/L	93
16) Methylene chloride	3.054	84	1225	0.15	ug/L #	70
19) 1,1-Dichloroethane	3.877	63	5382	0.39	ug/L	97
27) 1,2-Dichloroethane	5.742	62	727	0.07	ug/L #	75
29) 1,1,1-Trichloroethane	5.327	97	139281	11.00	ug/L	96
31) Carbon tetrachloride	5.324	117	16564	1.48	ug/L	94
33) Benzene	5.745	78	790	0.03	ug/L	100
34) Trichloroethene	6.546	95	566	0.07	ug/L	90
35) Methylcyclohexane	6.697	83	7781	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3995	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1064	0.09	ug/L #	64
44) trans-1,3-Dichloropropene	8.185	75	586	0.06	ug/L #	81
48) 2-Hexanone	8.645	43	10695	2.16	ug/L #	73
59) 1,2,3-Trichloropropane	10.642	75	901	0.16	ug/L #	42

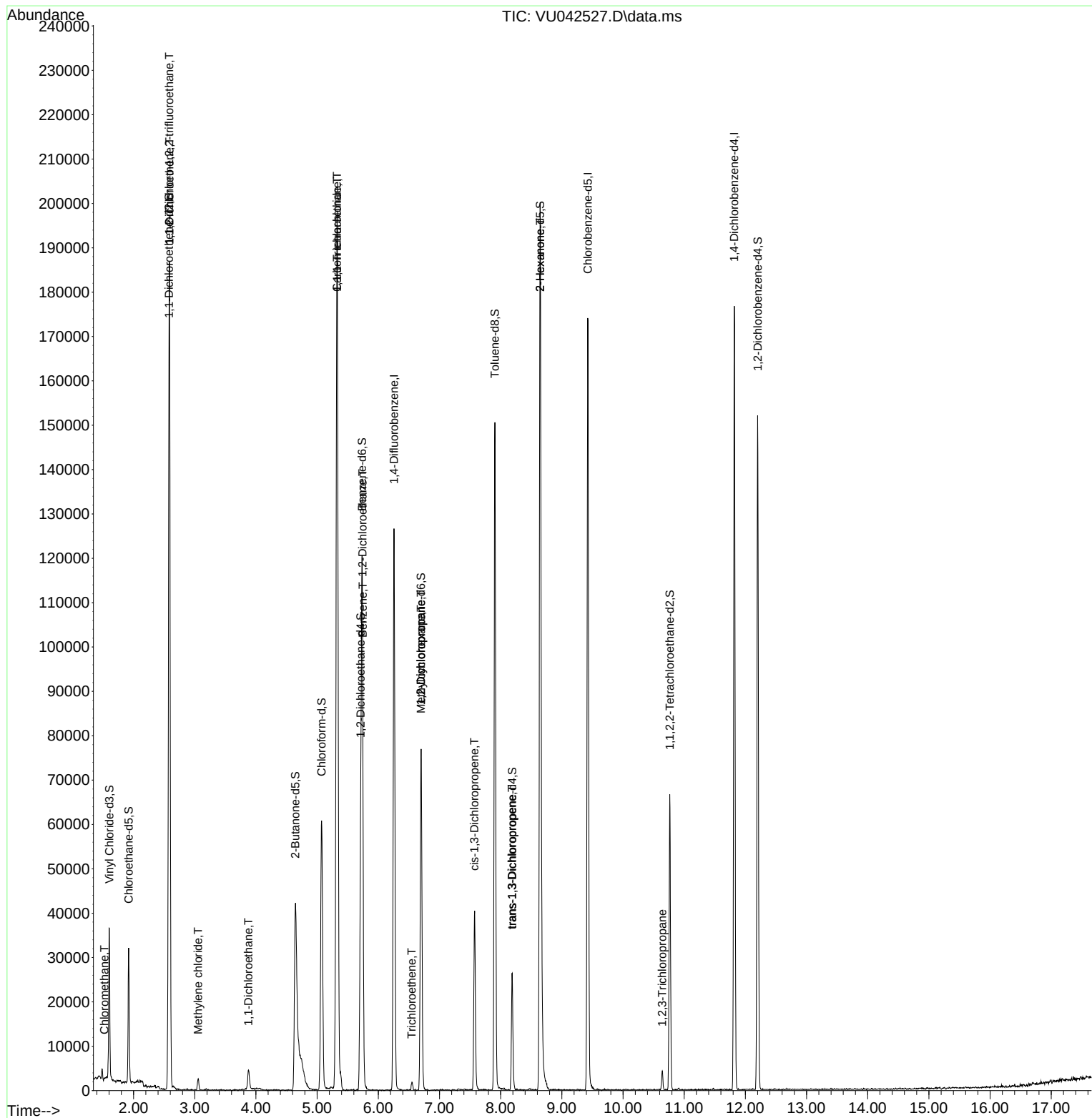
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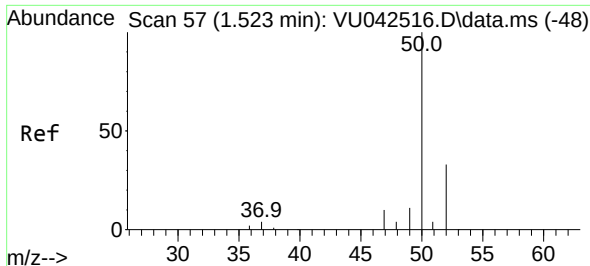
Instrument :
MSVOA_U
ClientSampleId :

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Quant Time: Mar 09 01:37:46 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

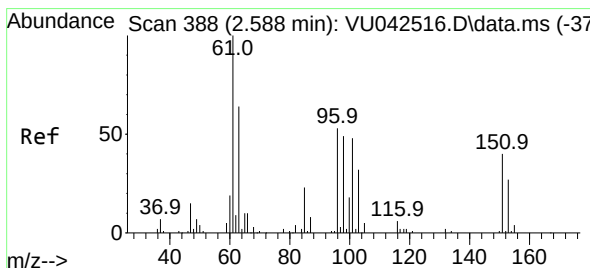
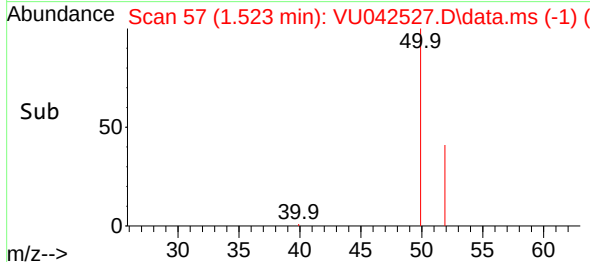
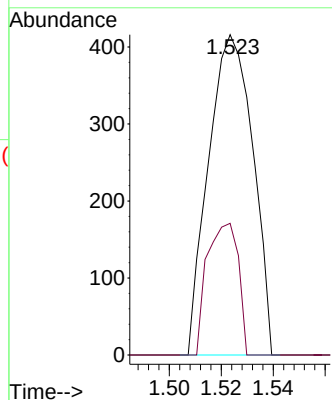
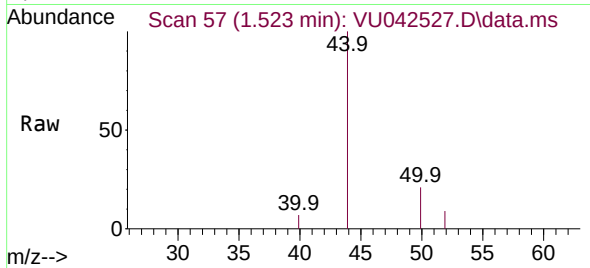




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

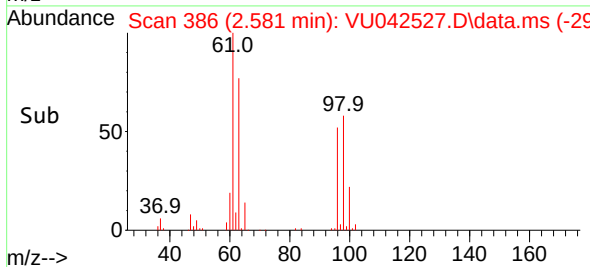
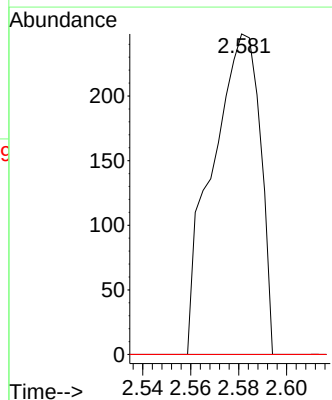
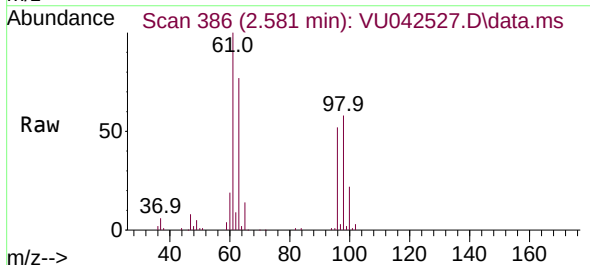
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MSVOA_U
ClientSampled :

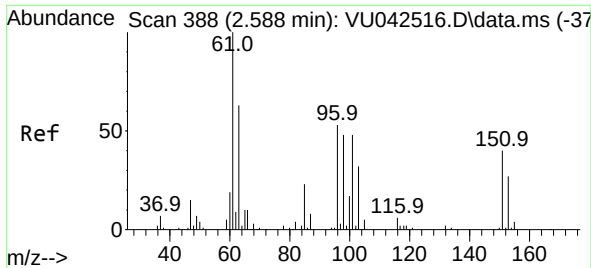
Tgt Ion: 50 Resp: 493
Ion Ratio Lower Upper
50 100
52 41.1 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

Tgt Ion: 101 Resp: 344
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

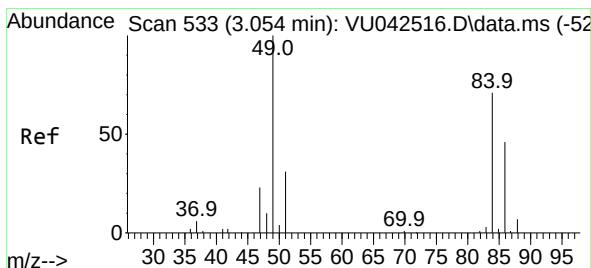
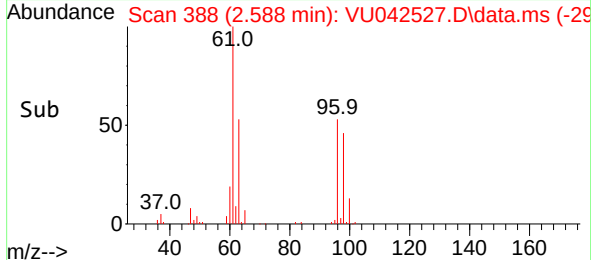
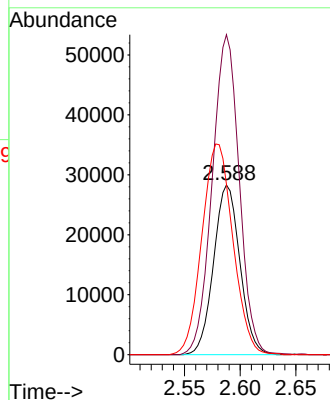
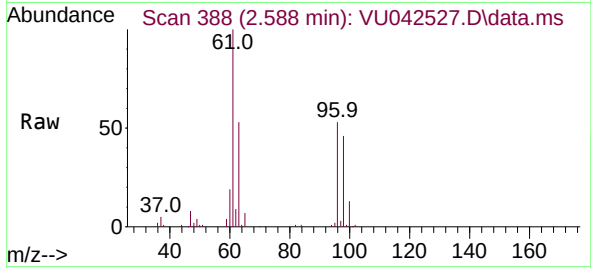




#12
1,1-Dichloroethene
Concen: 6.78 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

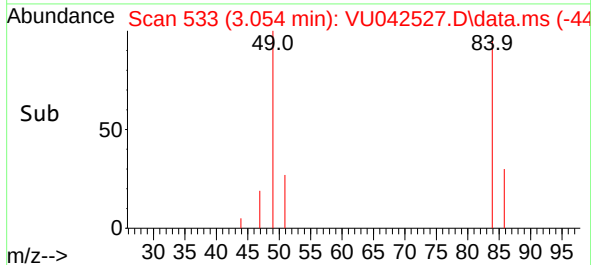
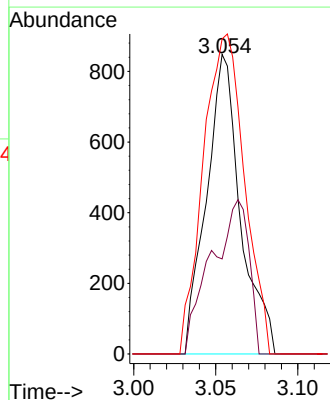
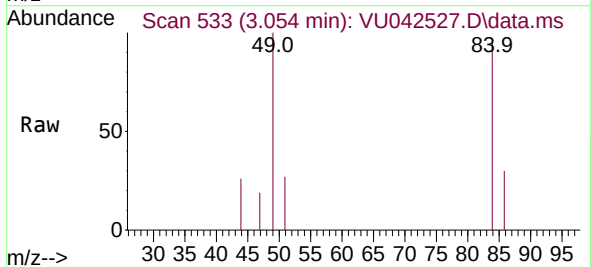
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MSVOA_U
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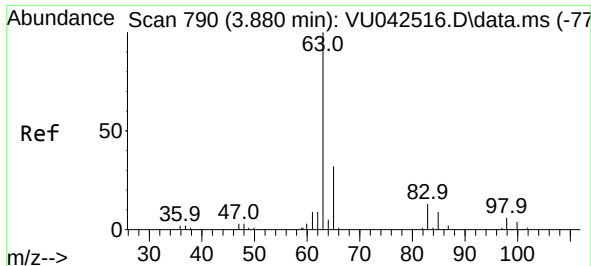
Tgt Ion: 96 Resp: 46348
Ion Ratio Lower Upper
96 100
61 188.4 126.2 234.4
63 100.4 77.8 144.4



#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

Tgt Ion: 84 Resp: 1225
Ion Ratio Lower Upper
84 100
86 31.7 44.1 81.9#
49 105.2 95.0 176.4





#19

1,1-Dichloroethane

Concen: 0.39 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU042527.D

Acq: 08 Mar 2021 14:29

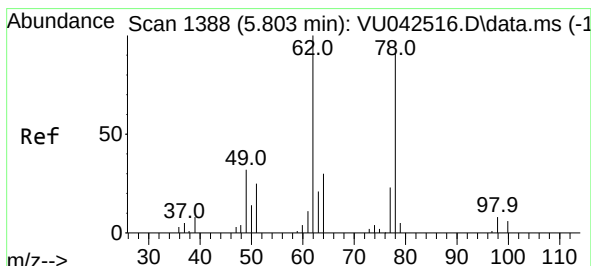
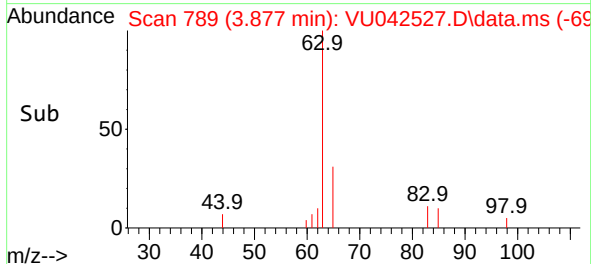
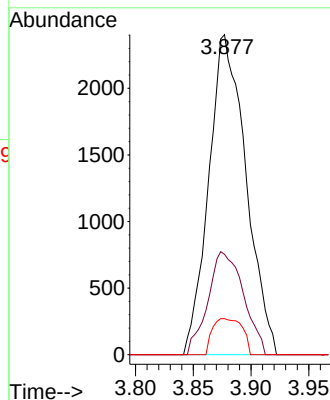
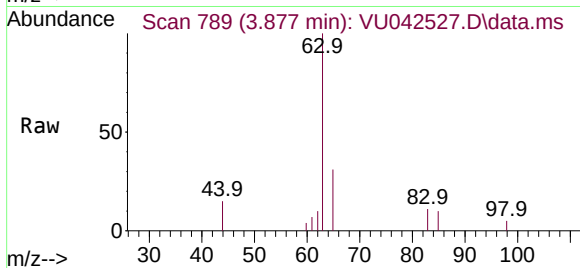
Tgt Ion: 63 Resp: 5382

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.9

83 11.2 10.1 18.7



#27

1,2-Dichloroethane

Concen: 0.07 ug/L

RT: 5.742 min Scan# 1369

Delta R.T. -0.061 min

Lab File: VU042527.D

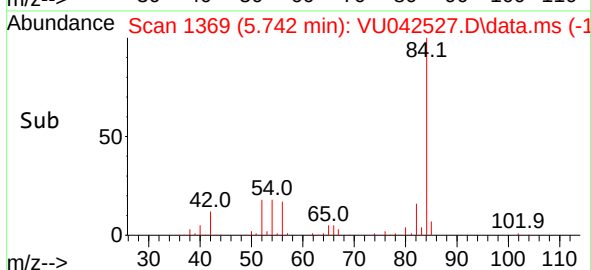
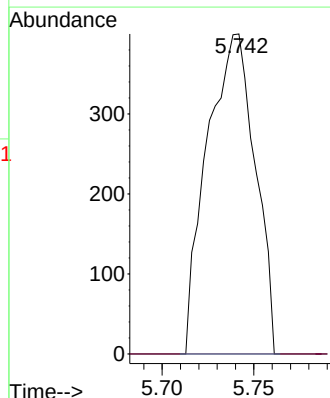
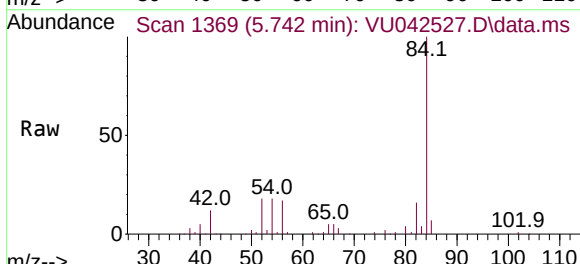
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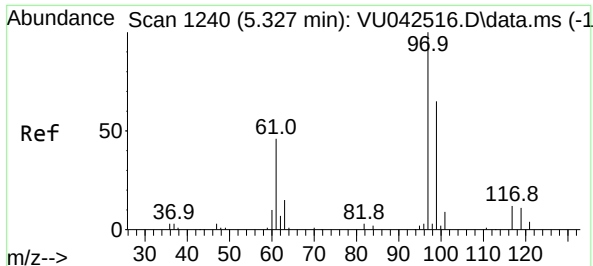
Tgt Ion: 62 Resp: 727

Ion Ratio Lower Upper

62 100

98 0.0 7.3 10.9#

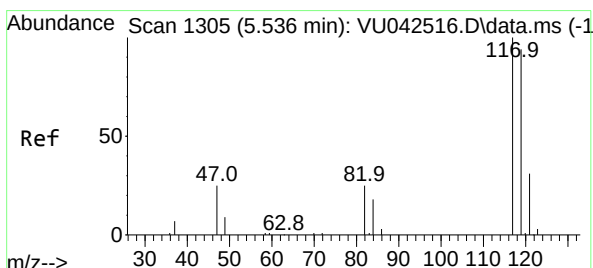
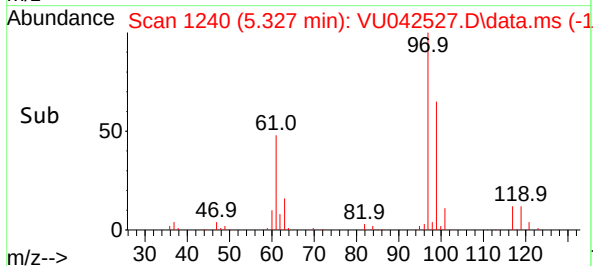
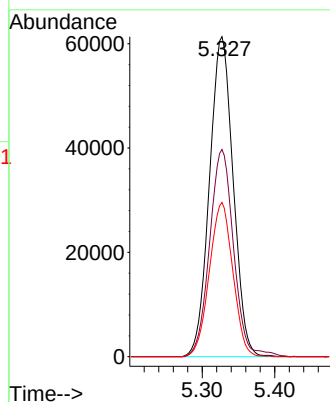
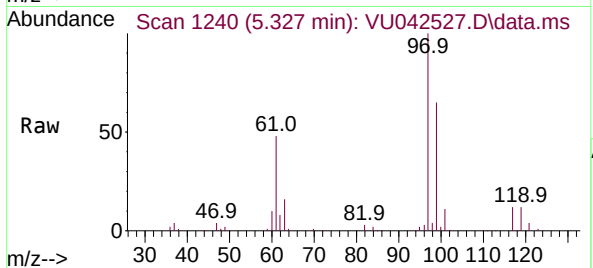




#29
1,1,1-Trichloroethane
Concen: 11.00 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

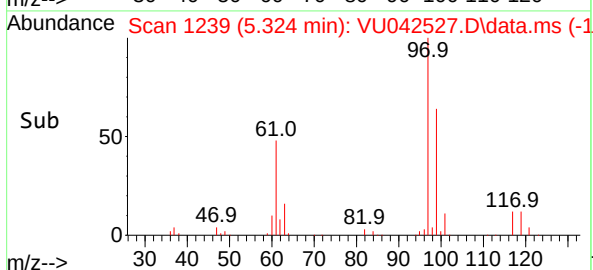
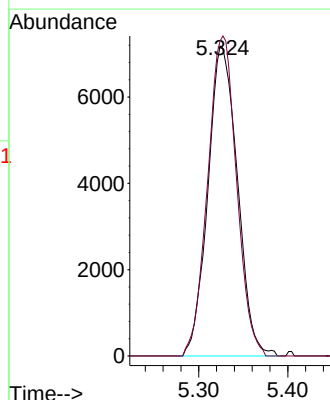
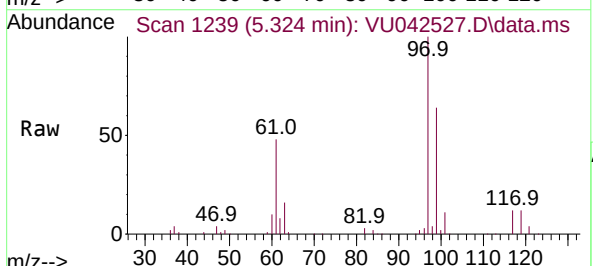
Instrument :
MSVOA_U
ClientSampleId :

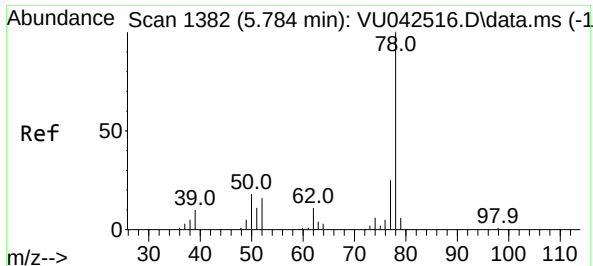
Tgt Ion: 97	Resp: 139281
Ion Ratio	Lower Upper
97 100	
99 65.7	50.8 76.2
61 47.8	35.8 53.6



#31
Carbon tetrachloride
Concen: 1.48 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.212 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

Tgt Ion: 117	Resp: 16564
Ion Ratio	Lower Upper
117 100	
119 100.8	76.2 114.4

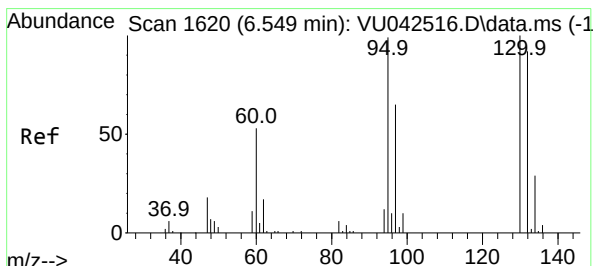
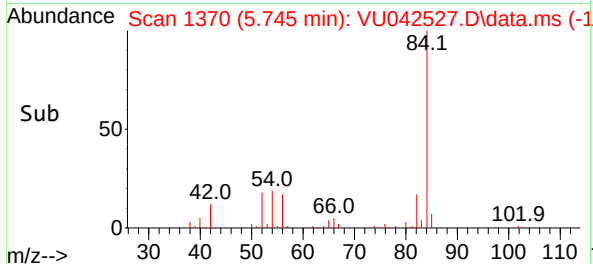
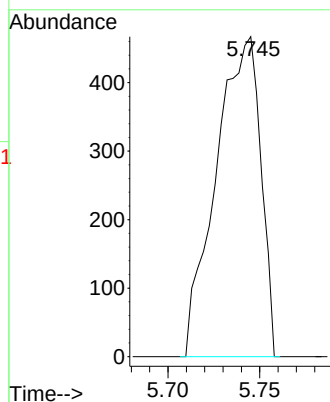
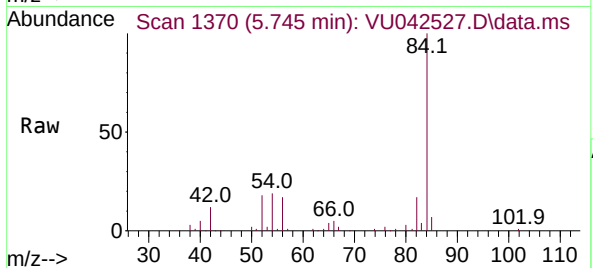




#33
Benzene
Concen: 0.03 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.039 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

Instrument :
MSVOA_U
ClientSampled :

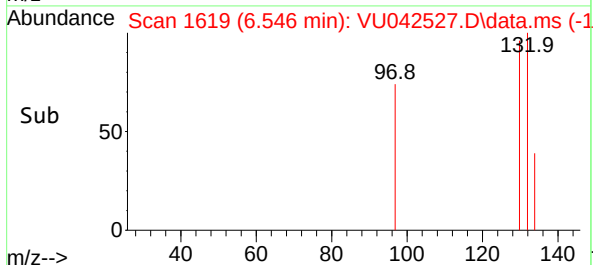
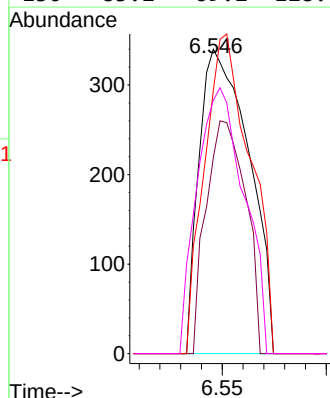
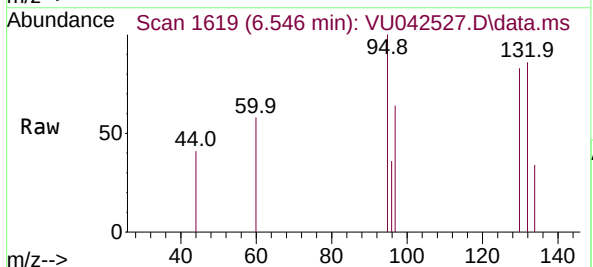
Tgt Ion: 78 Resp: 790

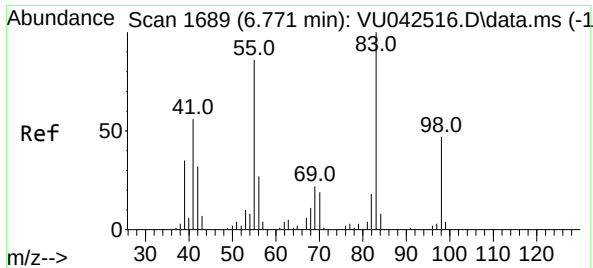


#34
Trichloroethene
Concen: 0.07 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

Tgt Ion: 95 Resp: 566

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	86.5	68.0	126.4
130	83.2	69.2	128.4





#35

Methylcyclohexane

Concen: 0.65 ug/L

RT: 6.697 min Scan# 1666

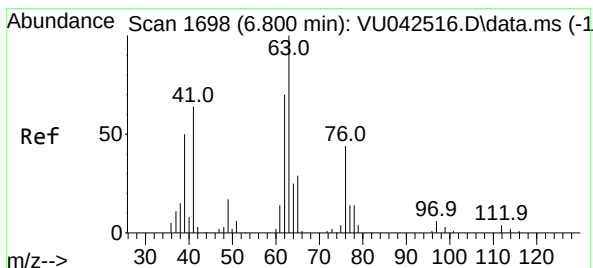
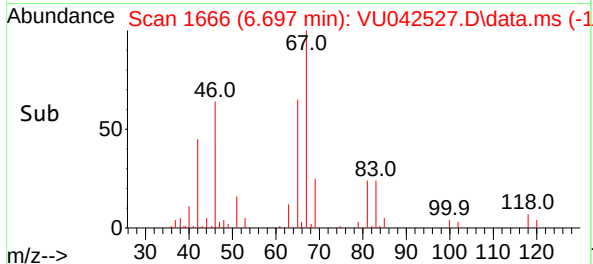
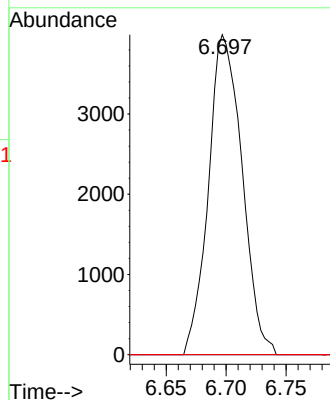
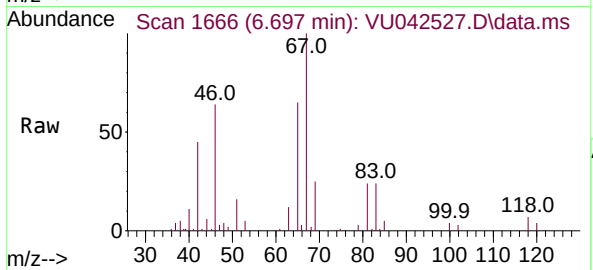
Delta R.T. -0.074 min

Lab File: VU042527.D

Acq: 08 Mar 2021 14:29

Tgt Ion:	83	Resp:	7781
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: 0.52 ug/L

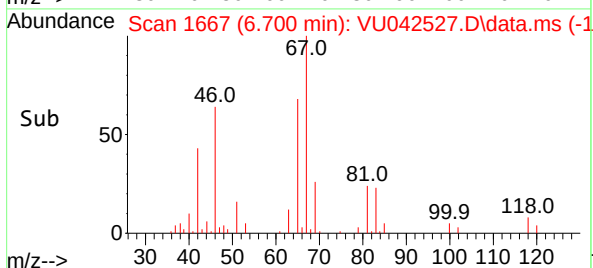
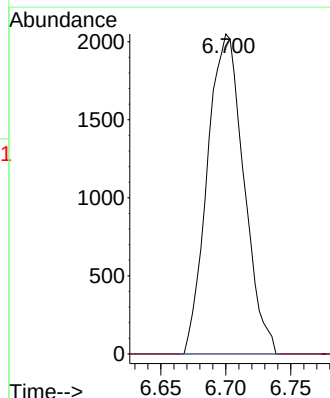
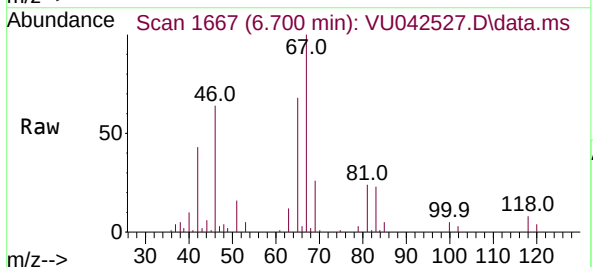
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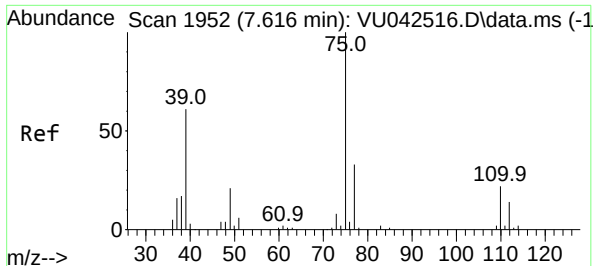
Delta R.T. -0.100 min

Lab File: VU042527.D

Acq: 08 Mar 2021 14:29

Tgt Ion:	63	Resp:	3995
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



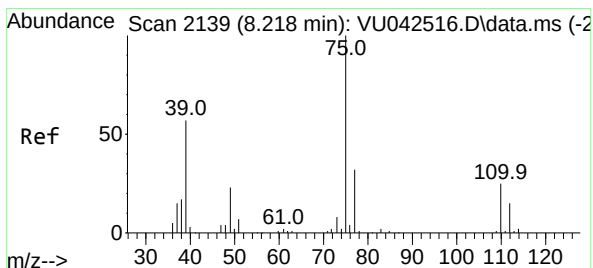
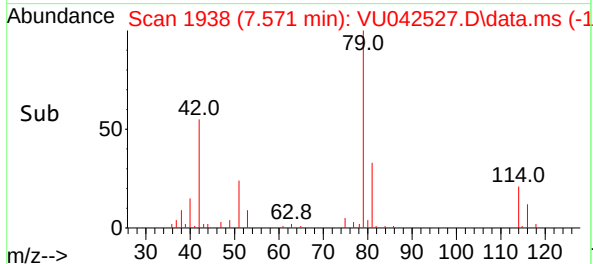
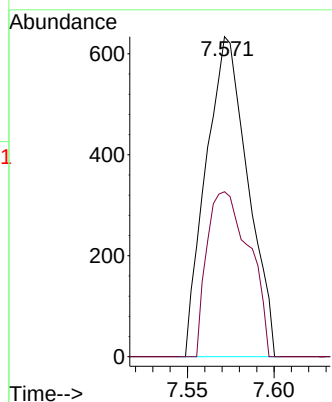
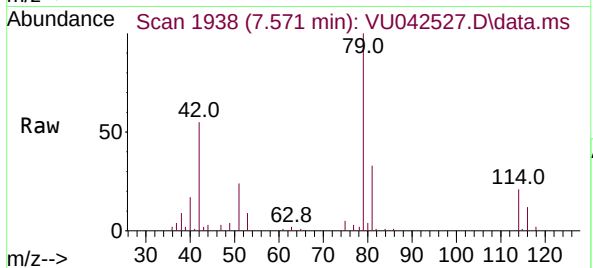


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

Instrument :
MSVOA_U
ClientSampled :

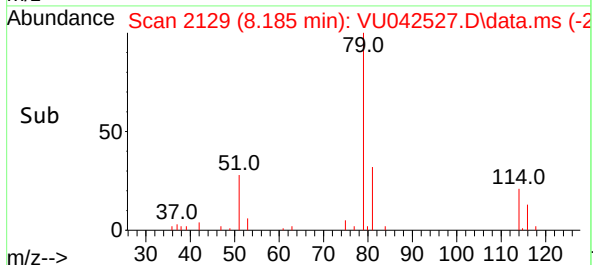
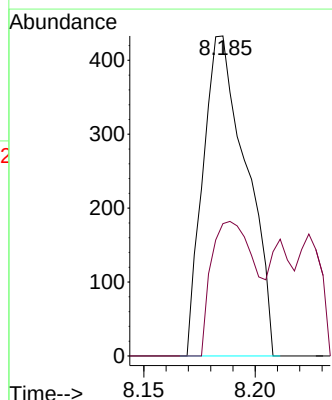
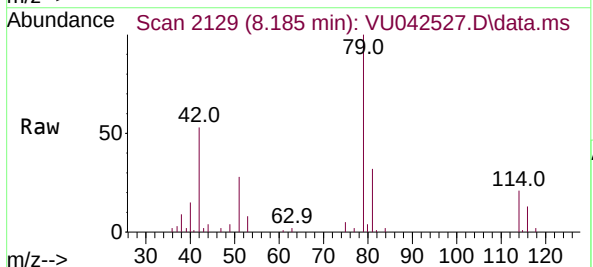
Tgt Ion: 75 Resp: 1064
Ion Ratio Lower Upper
75 100
77 51.6 22.0 40.8#

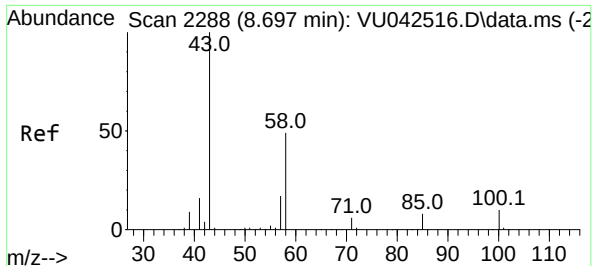


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

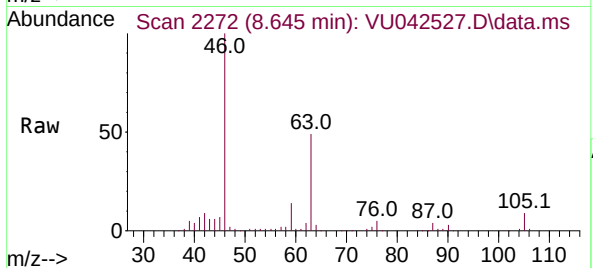
Tgt Ion: 75 Resp: 586
Ion Ratio Lower Upper
75 100
77 41.3 21.8 40.4#



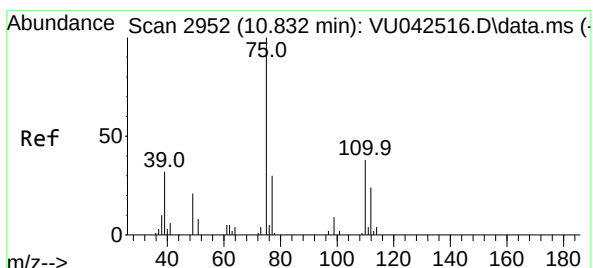
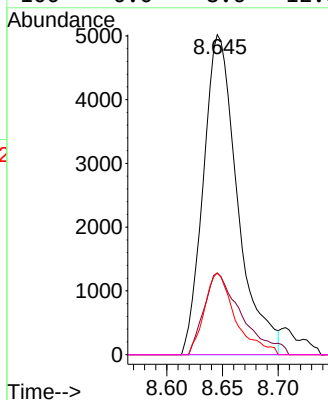
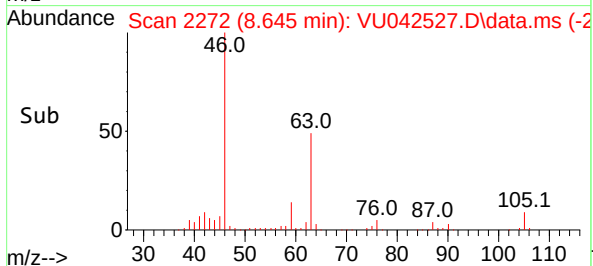


#48
2-Hexanone
Concen: 2.16 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29

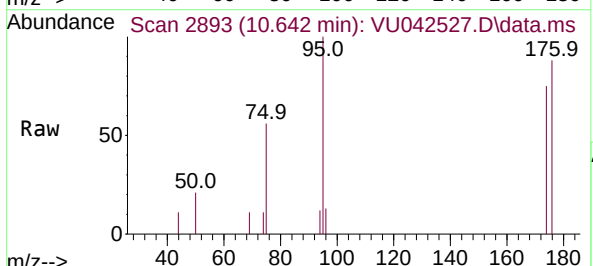
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	10695
Ion Ratio	100	Lower	Upper
43	100		
58	28.0	40.6	61.0#
57	23.1	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.16 ug/L
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042527.D
Acq: 08 Mar 2021 14:29



Tgt Ion:	75	Resp:	901
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	26.0	39.0#

