

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042525.D
 Acq On : 08 Mar 2021 13:41
 Operator : SY/MD
 Sample : M1588-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 01:37:30 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)

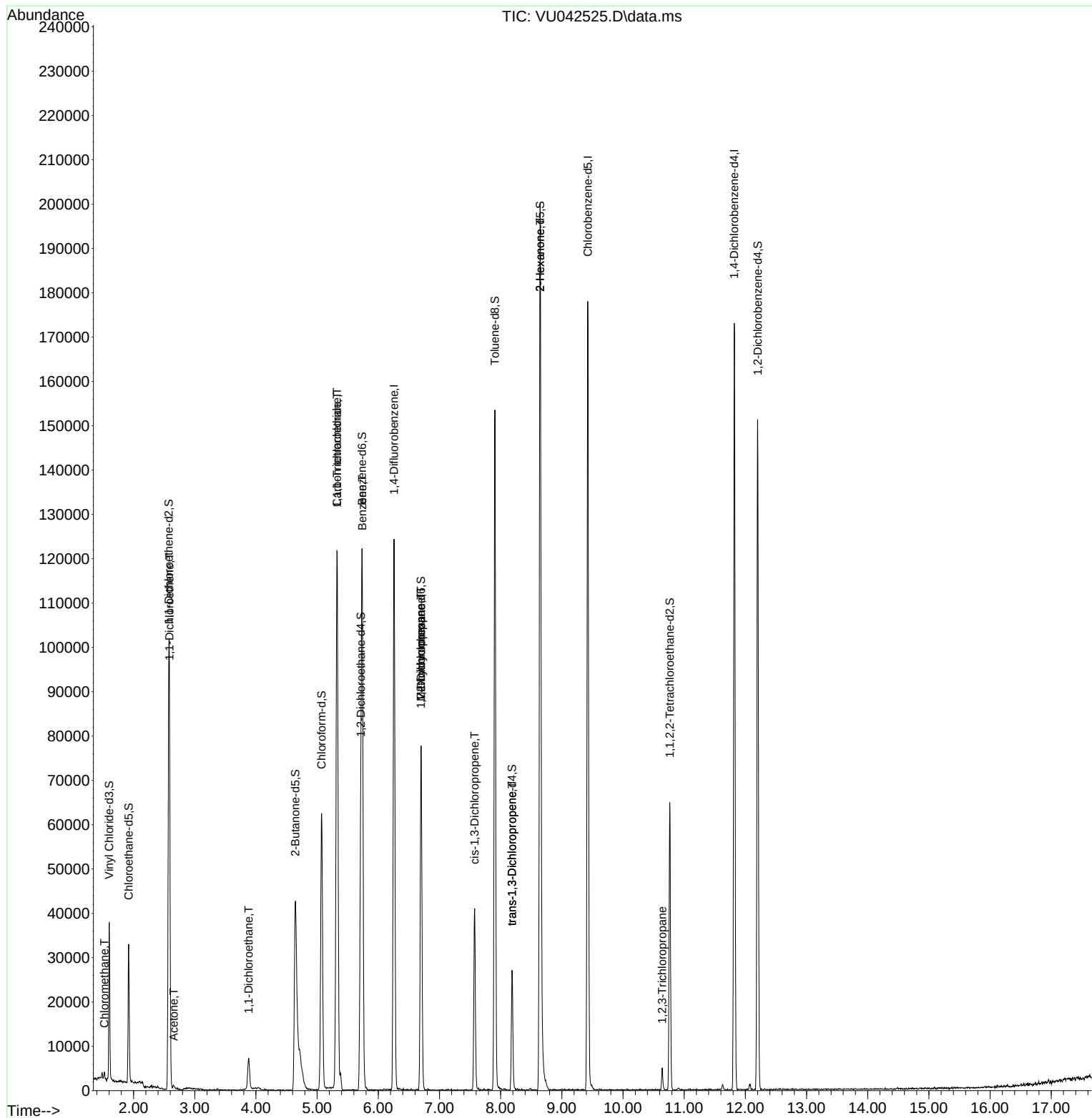
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	96341	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	91347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44310	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24044	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.919	69	21406	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.575	63	52214	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.646	46	103228	48.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.90%
24) Chloroform-d	5.073	84	55410	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.713	65	37658	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.736	84	101420	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.697	67	33951	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	95766	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloroprop...	8.186	79	14315	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.645	63	72652	44.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.90%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29495	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.202	152	38631	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1192	0.14	ug/L	93
12) 1,1-Dichloroethene	2.588	96	17205	2.53	ug/L #	71
13) Acetone	2.655	43	1384	0.85	ug/L	70
19) 1,1-Dichloroethane	3.880	63	8537	0.62	ug/L	94
29) 1,1,1-Trichloroethane	5.327	97	86029	6.77	ug/L	98
31) Carbon tetrachloride	5.324	117	10779	0.96	ug/L	100
33) Benzene	5.739	78	863	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7889	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3929	0.51	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1019	0.09	ug/L #	83
44) trans-1,3-Dichloropropene	8.186	75	604	0.06	ug/L #	73
48) 2-Hexanone	8.645	43	11691	2.36	ug/L #	66
59) 1,2,3-Trichloropropane	10.642	75	846	0.15	ug/L #	42

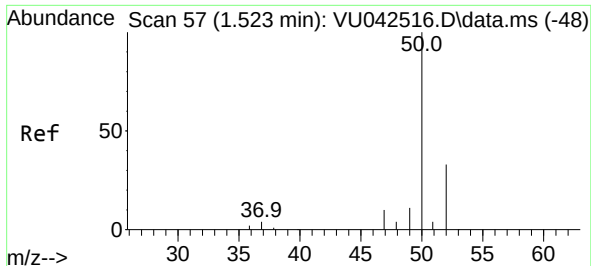
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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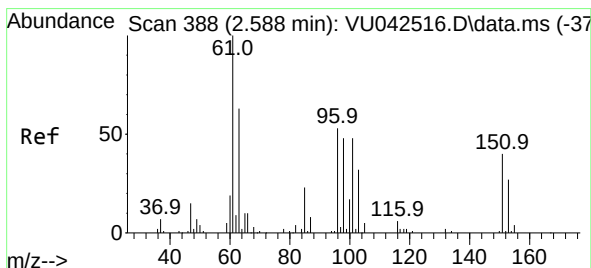
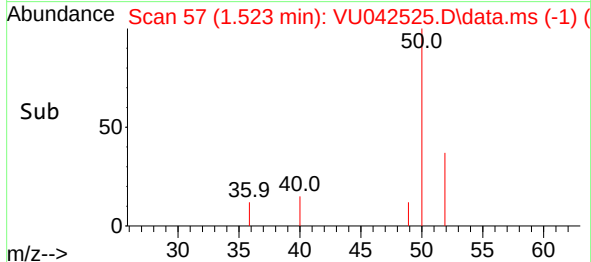
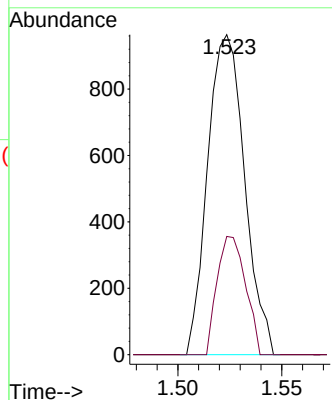
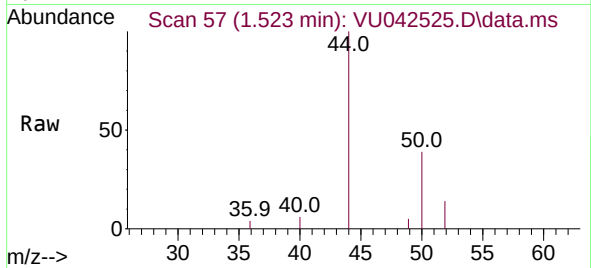




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

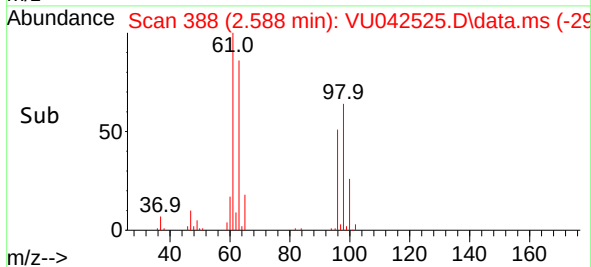
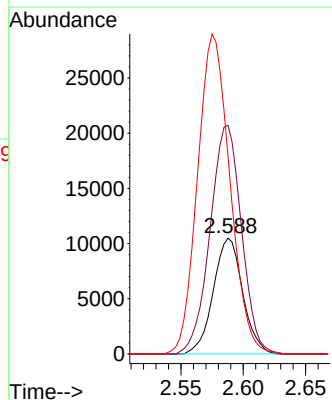
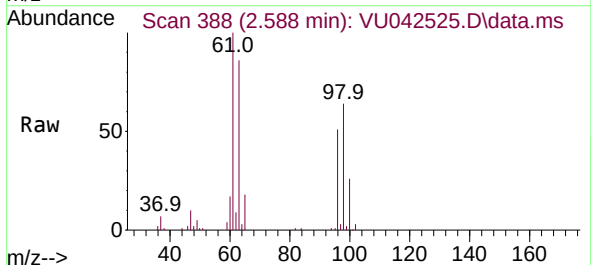
Instrument :
MSVOA_U
ClientSampled :

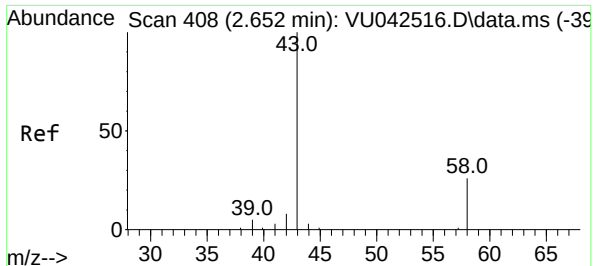
Tgt Ion: 50 Resp: 1192
Ion Ratio Lower Upper
50 100
52 36.9 23.0 42.8



#12
1,1-Dichloroethene
Concen: 2.53 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

Tgt Ion: 96 Resp: 17205
Ion Ratio Lower Upper
96 100
61 197.4 126.2 234.4
63 170.0 77.8 144.4#

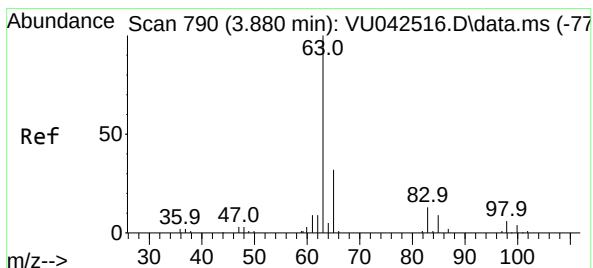
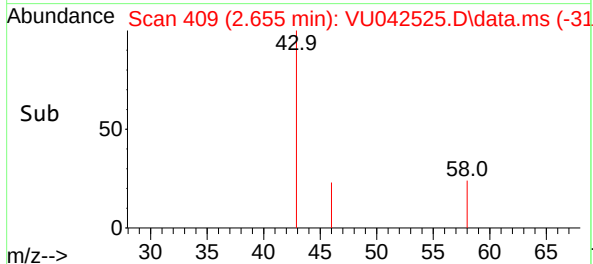
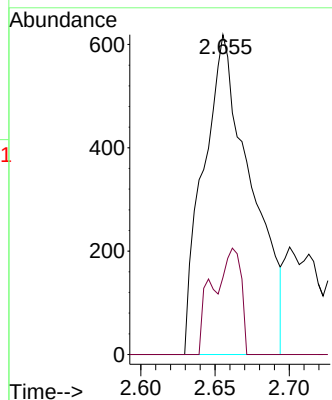
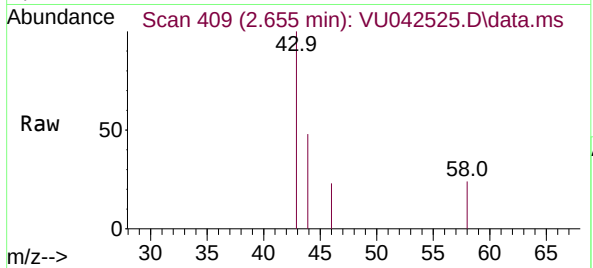




#13
Acetone
Concen: 0.85 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

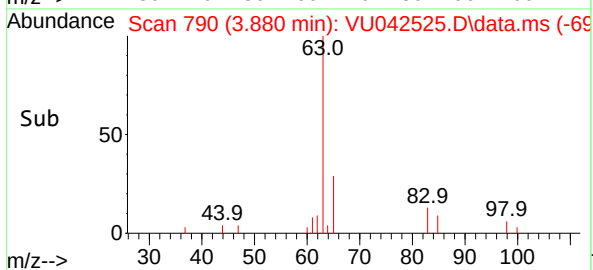
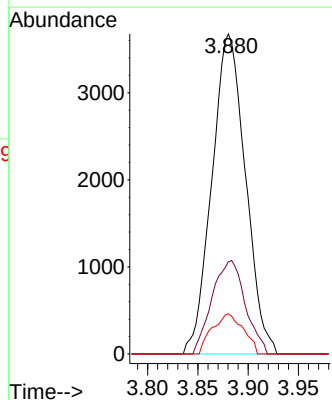
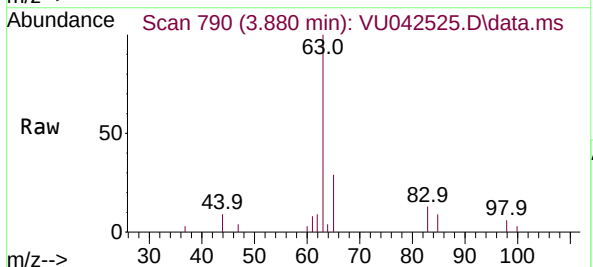
Instrument :
MSVOA_U
ClientSampleId :

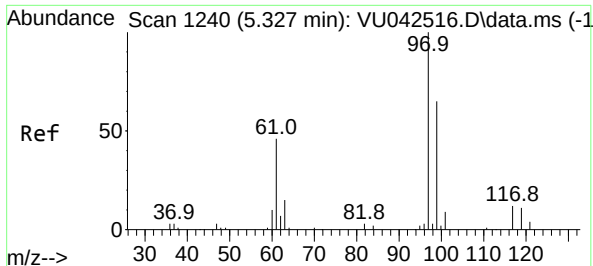
Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 12.3 0.0 55.8



#19
1,1-Dichloroethane
Concen: 0.62 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

Tgt Ion: 63 Resp: 8537
Ion Ratio Lower Upper
63 100
65 28.8 22.5 41.9
83 12.6 10.1 18.7

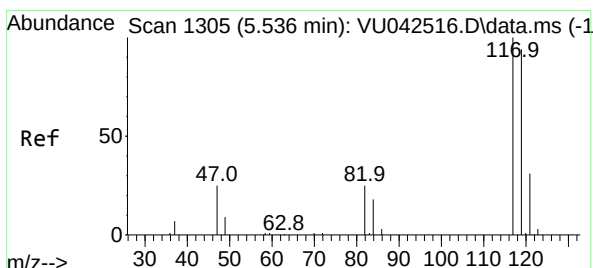
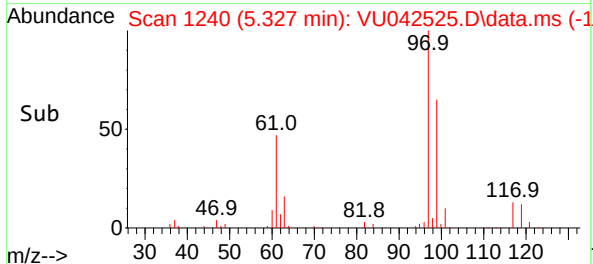
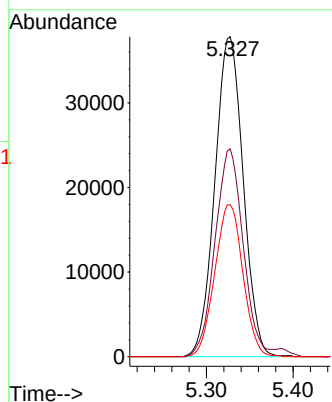
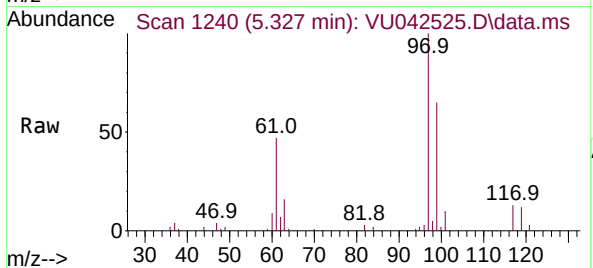




#29
1,1,1-Trichloroethane
Concen: 6.77 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

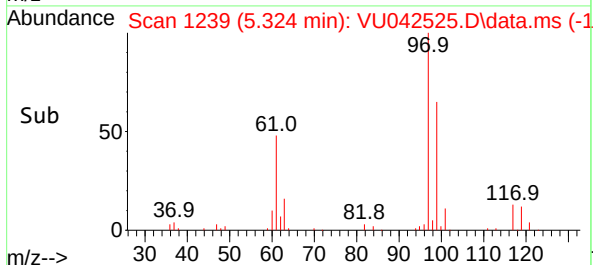
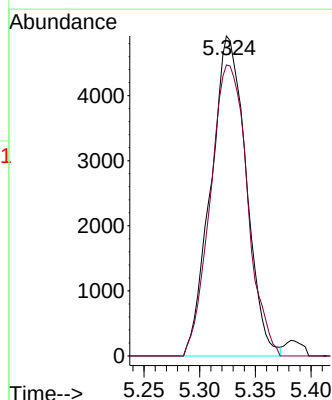
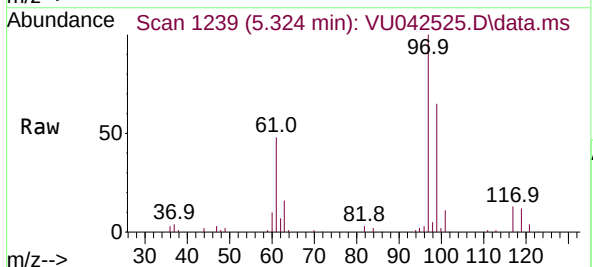
Instrument :
MSVOA_U
ClientSampled :

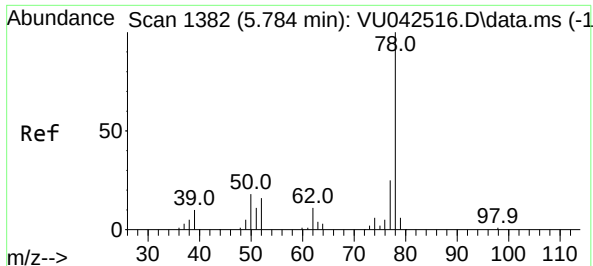
Tgt Ion: 97 Resp: 86029
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 47.1 35.8 53.6



#31
Carbon tetrachloride
Concen: 0.96 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.212 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

Tgt Ion: 117 Resp: 10779
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.4





#33

Benzene

Concen: 0.03 ug/L

RT: 5.739 min Scan# 1368

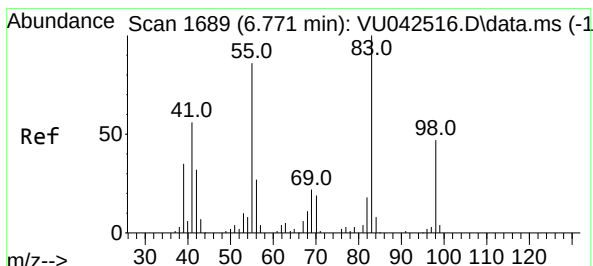
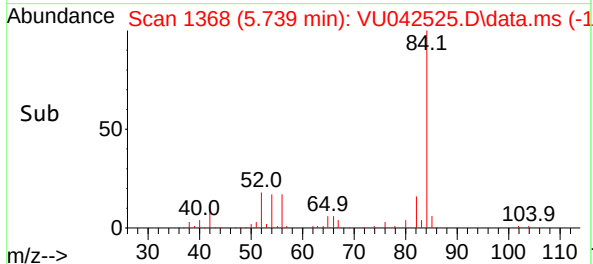
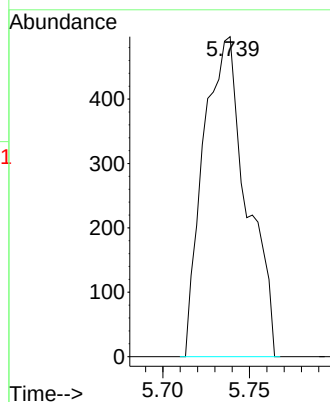
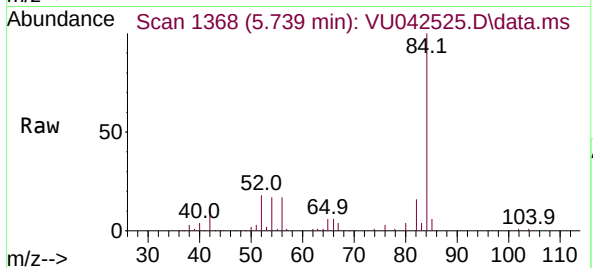
Delta R.T. -0.045 min

Lab File: VU042525.D

Acq: 08 Mar 2021 13:41

Tgt Ion: 78 Resp: 863

Instrument :
MSVOA_U
ClientSampled :



#35

Methylcyclohexane

Concen: 0.65 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU042525.D

Acq: 08 Mar 2021 13:41

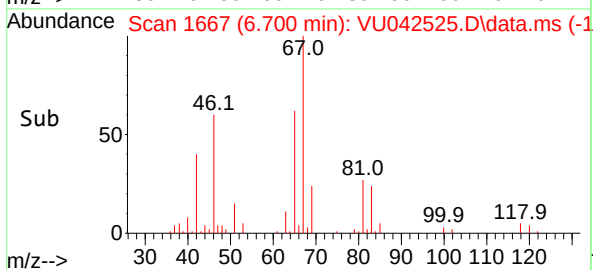
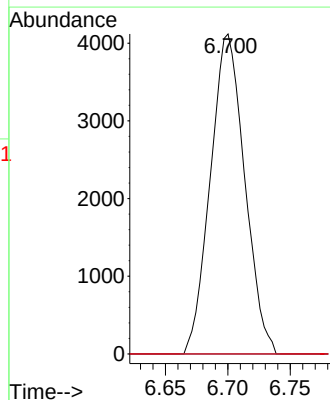
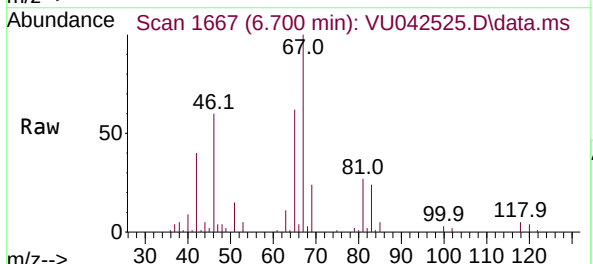
Tgt Ion: 83 Resp: 7889

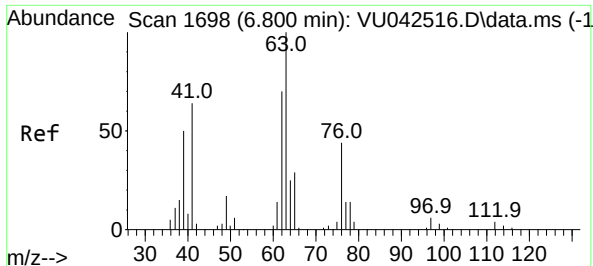
Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.0 39.7 59.5#



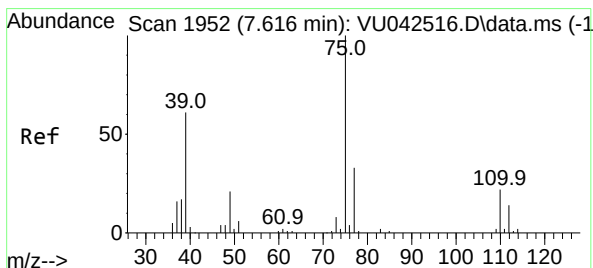
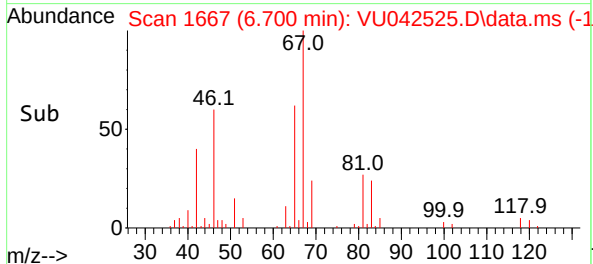
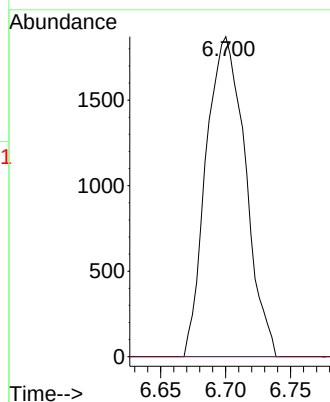
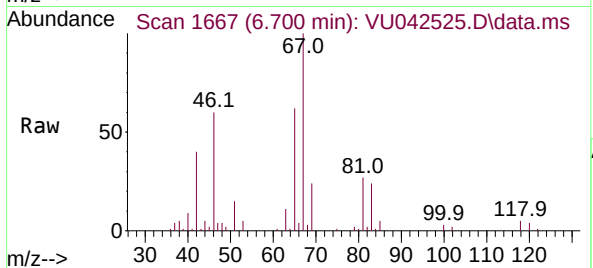


#37

1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

Instrument :
MSVOA_U
ClientSampled :

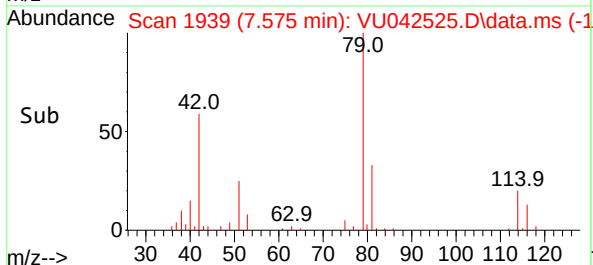
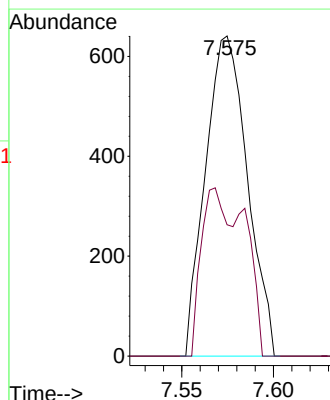
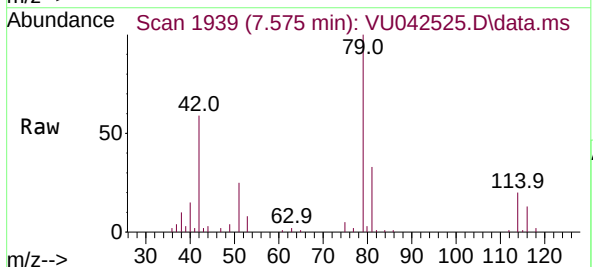
Tgt Ion: 63 Resp: 3929
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

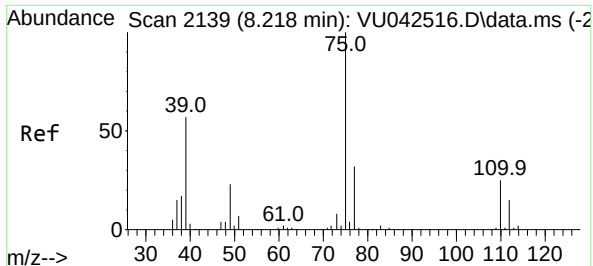


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

Tgt Ion: 75 Resp: 1019
Ion Ratio Lower Upper
75 100
77 41.0 22.0 40.8#

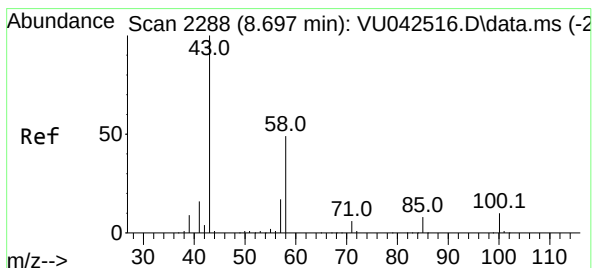
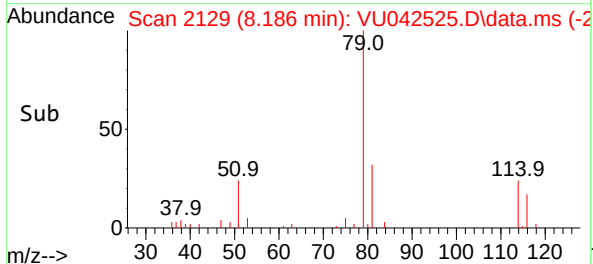
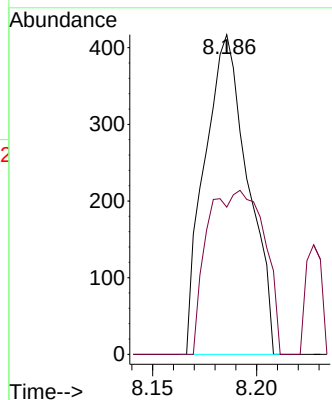
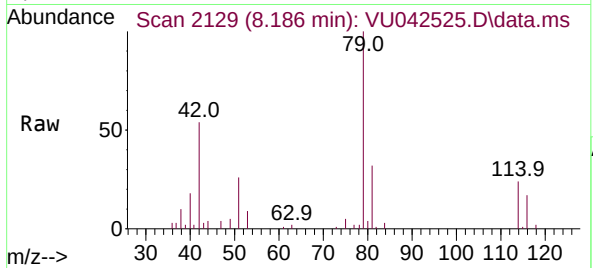




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

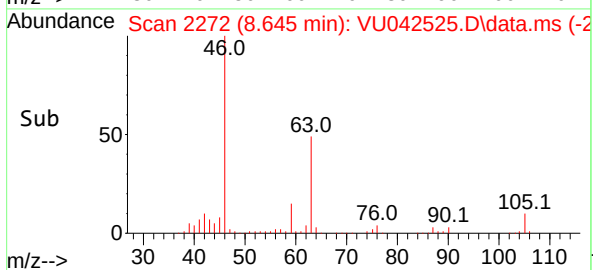
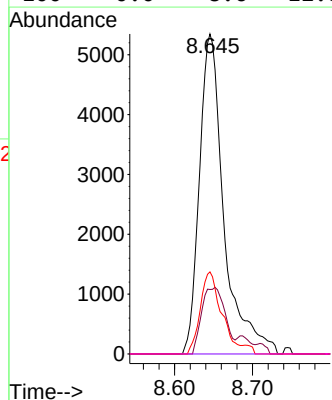
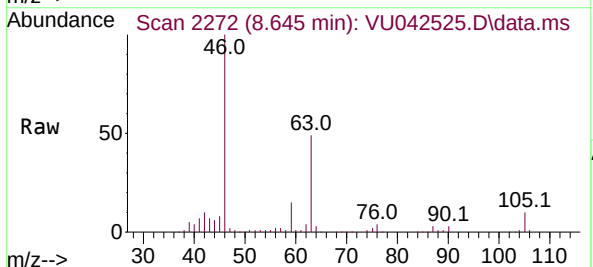
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MSVOA_U
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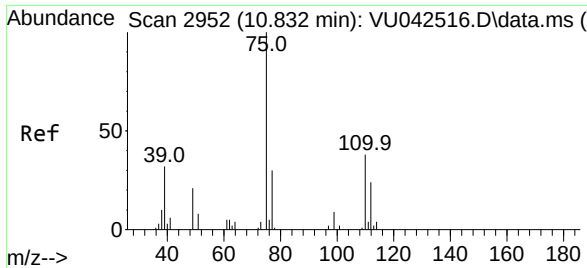
Tgt Ion: 75 Resp: 604
Ion Ratio Lower Upper
75 100
77 46.0 21.8 40.4#



#48
2-Hexanone
Concen: 2.36 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042525.D
Acq: 08 Mar 2021 13:41

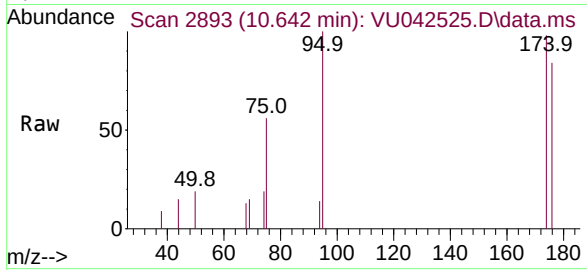
Tgt Ion: 43 Resp: 11691
Ion Ratio Lower Upper
43 100
58 20.0 40.6 61.0#
57 22.4 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.15 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042525.D
 Acq: 08 Mar 2021 13:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 846
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

