

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042499.D
 Acq On : 05 Mar 2021 11:48
 Operator : SY/MD
 Sample : M1570-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 05 13:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

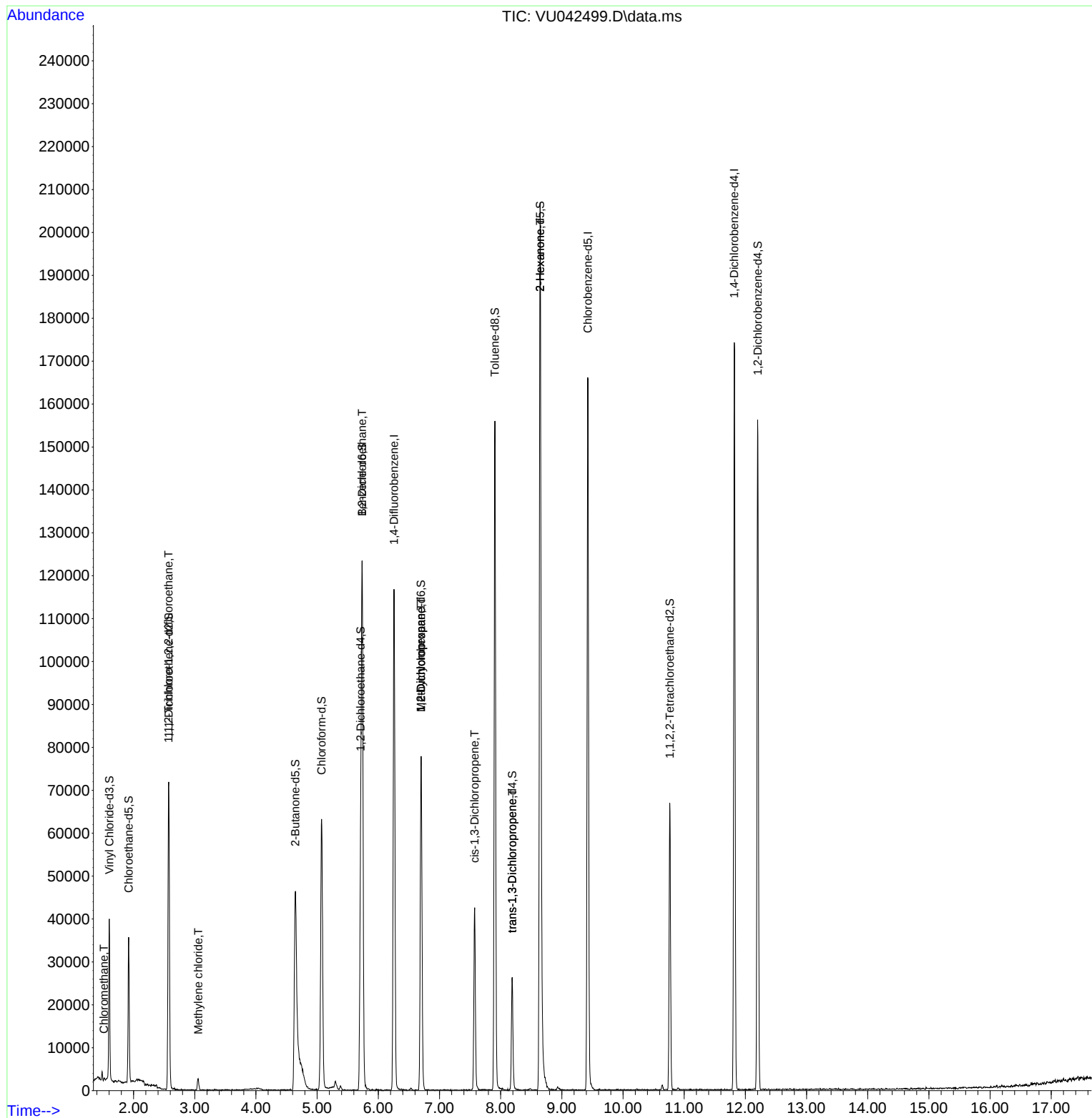
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91494	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44064	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25839	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.919	69	23027	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.575	63	45041	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.645	46	93275	46.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	5.073	84	55643	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.713	65	37909	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.735	84	102378	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	33521	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.906	98	96242	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.189	79	14082	4.30	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	76115	48.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30227	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	39255	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	411	0.05	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	397	0.06	ug/L #	18
16) Methylene chloride	3.057	84	1073	0.14	ug/L	89
27) 1,2-Dichloroethane	5.735	62	778	0.08	ug/L #	75
35) Methylcyclohexane	6.700	83	7972	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4176	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1071	0.10	ug/L #	62
44) trans-1,3-Dichloropropene	8.189	75	647	0.06	ug/L #	47
48) 2-Hexanone	8.645	43	11760	2.44	ug/L #	67

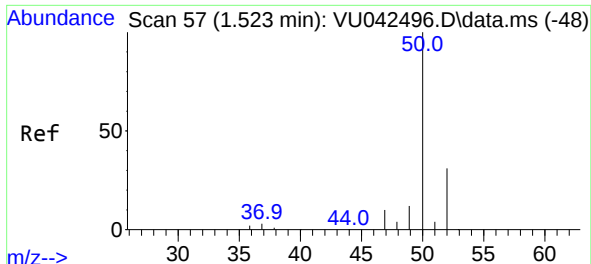
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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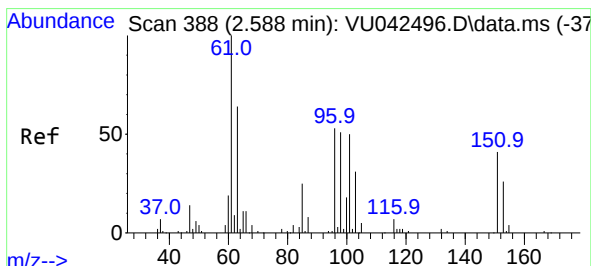
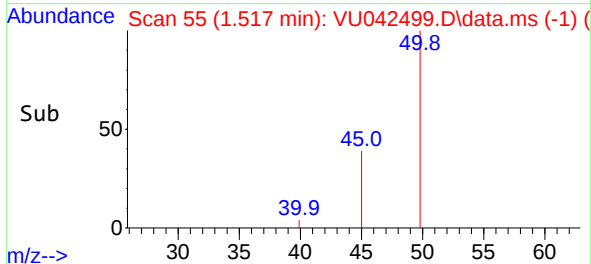
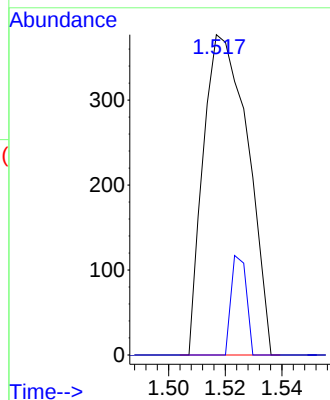
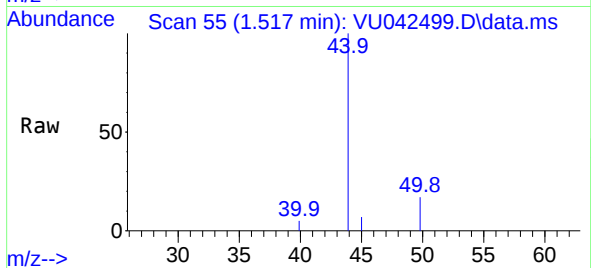




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.007 min
Lab File: VU042499.D
Acq: 05 Mar 2021 11:48

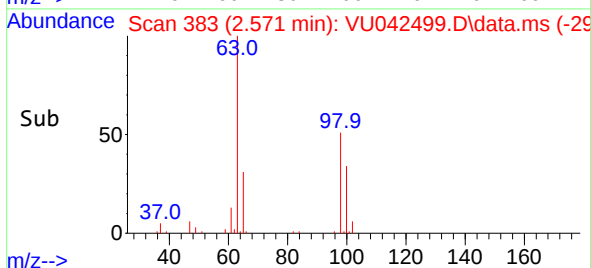
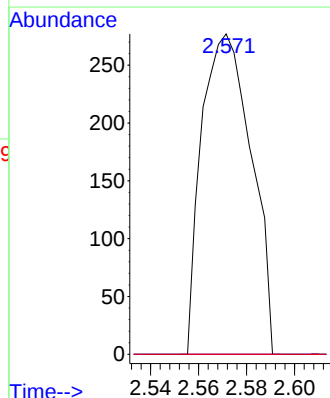
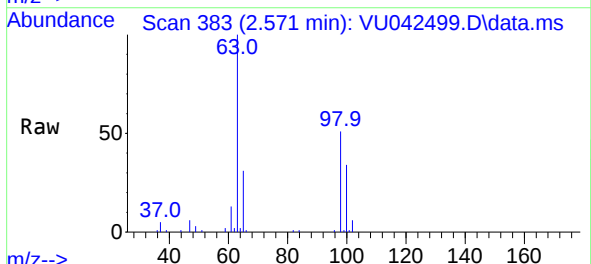
Instrument :
MSVOA_U
ClientSampleId :

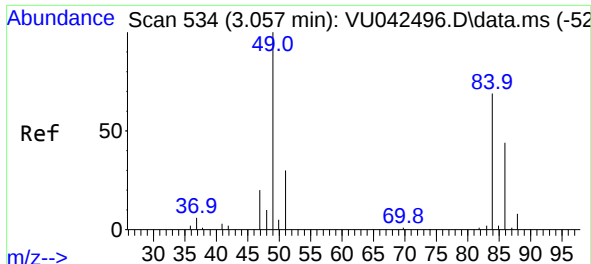
Tgt Ion: 50 Resp: 411
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042499.D
Acq: 05 Mar 2021 11:48

Tgt Ion: 101 Resp: 397
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

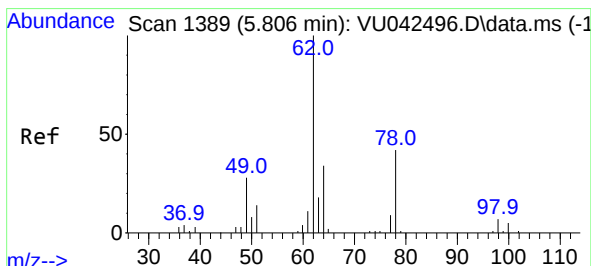
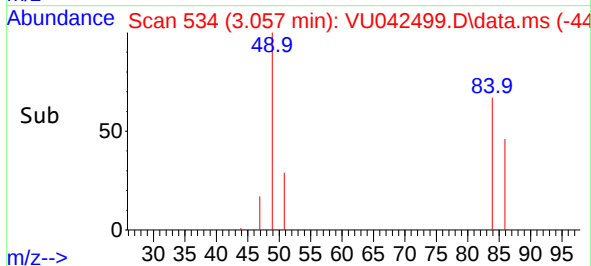
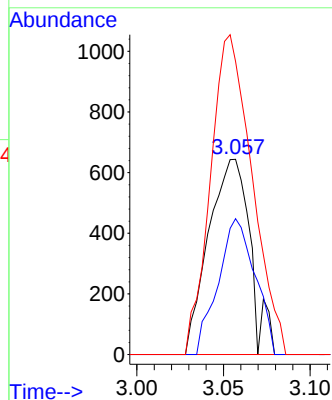
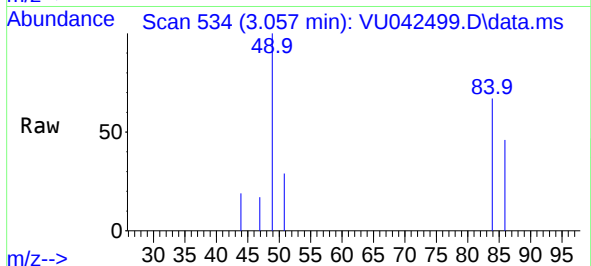




#16
Methylene chloride
Concen: 0.14 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042499.D
Acq: 05 Mar 2021 11:48

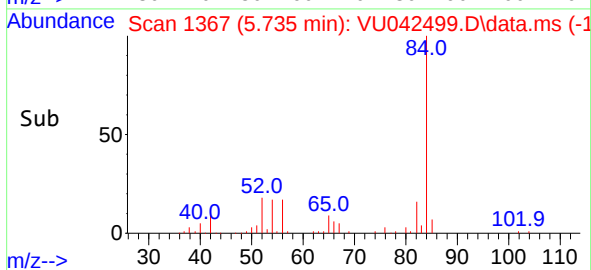
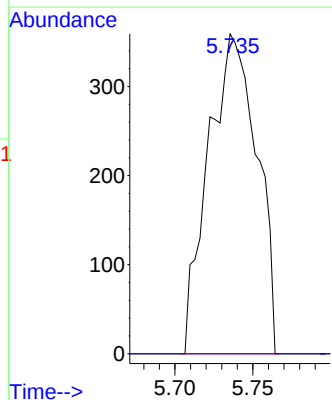
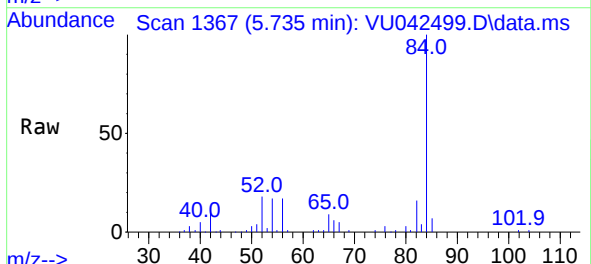
Instrument :
MSVOA_U
ClientSampleId :

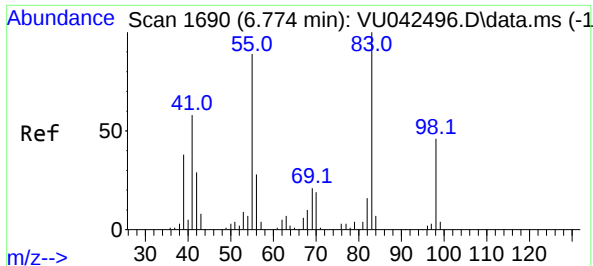
Tgt Ion: 84 Resp: 1073
Ion Ratio Lower Upper
84 100
86 69.6 44.1 81.9
49 150.2 95.0 176.4



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042499.D
Acq: 05 Mar 2021 11:48

Tgt Ion: 62 Resp: 778
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#





#35

Methylcyclohexane

Concen: 0.68 ug/L

RT: 6.700 min Scan# 1667

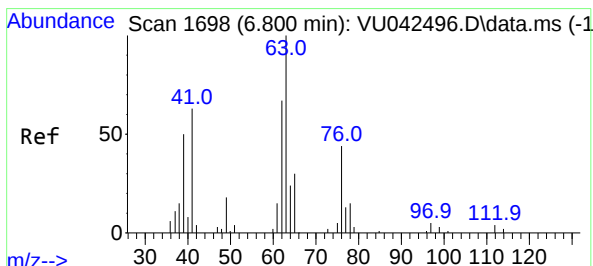
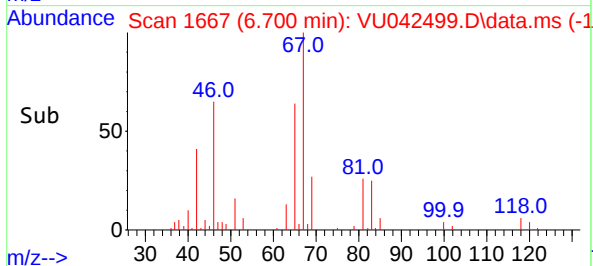
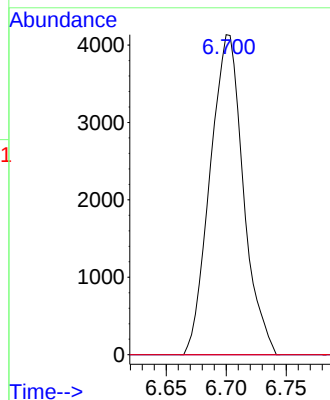
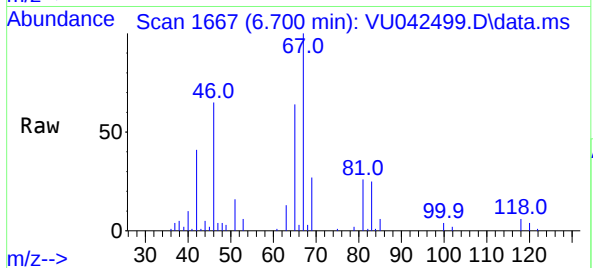
Delta R.T. -0.071 min

Lab File: VU042499.D

Acq: 05 Mar 2021 11:48

Tgt Ion:	83	Resp:	7972
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: 0.56 ug/L

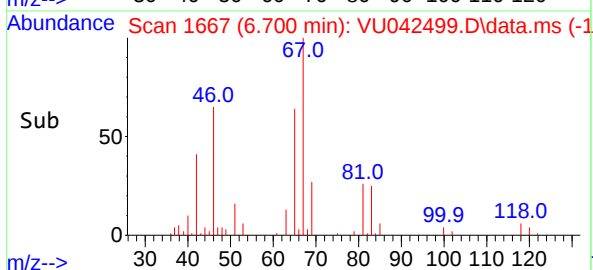
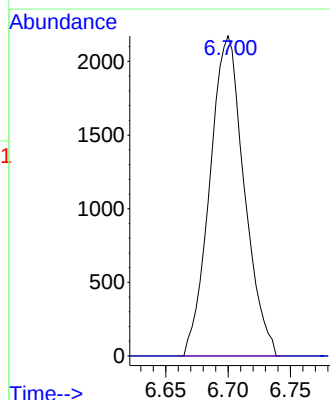
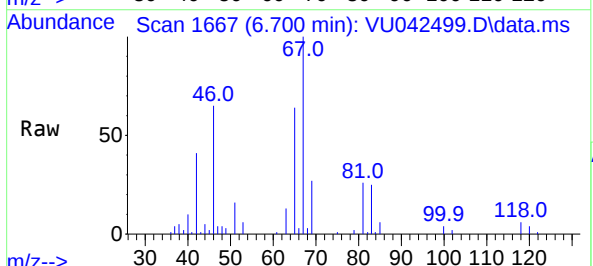
RT: 6.700 min Scan# 1667

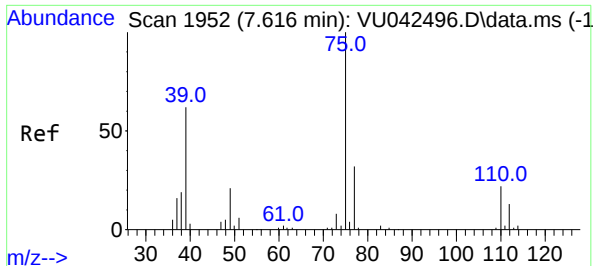
Delta R.T. -0.100 min

Lab File: VU042499.D

Acq: 05 Mar 2021 11:48

Tgt Ion:	63	Resp:	4176
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.10 ug/L

RT: 7.574 min Scan# 1939

Delta R.T. -0.042 min

Lab File: VU042499.D

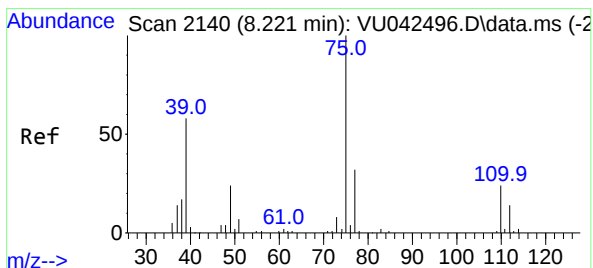
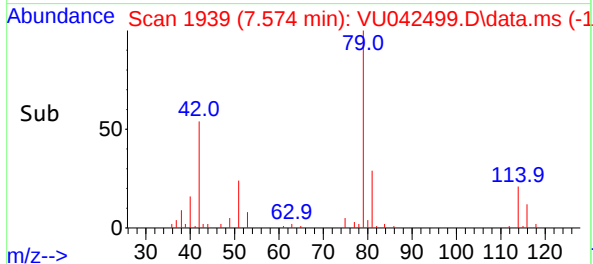
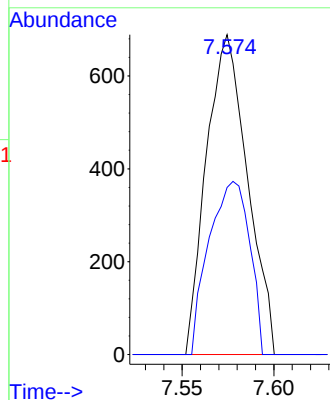
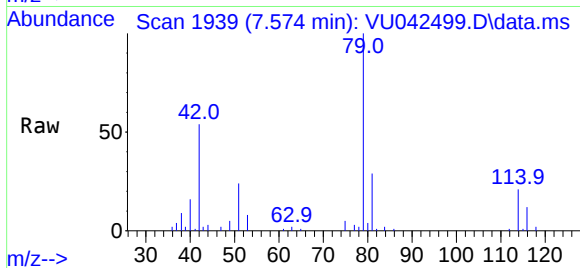
Acq: 05 Mar 2021 11:48

Tgt Ion: 75 Resp: 1071

Ion Ratio Lower Upper

75 100

77 52.2 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.06 ug/L

RT: 8.189 min Scan# 2130

Delta R.T. -0.033 min

Lab File: VU042499.D

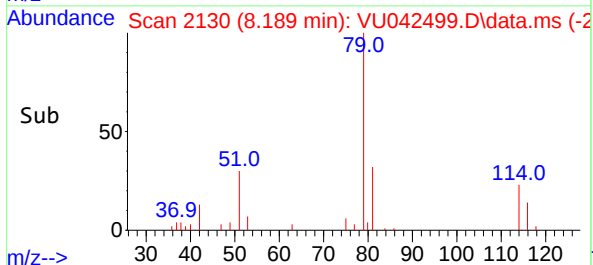
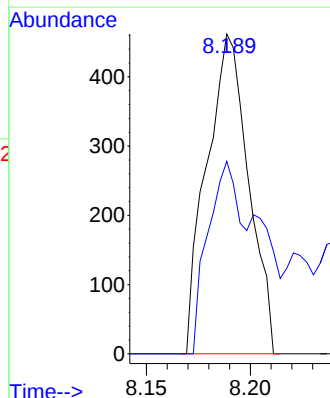
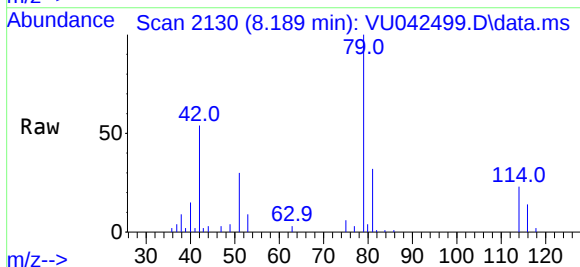
Acq: 05 Mar 2021 11:48

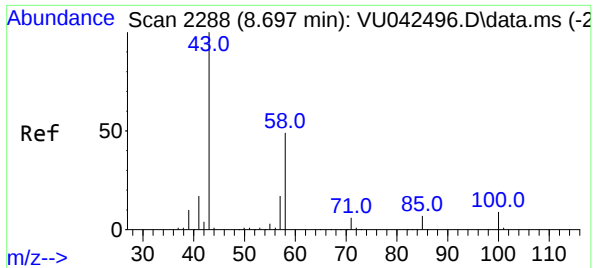
Tgt Ion: 75 Resp: 647

Ion Ratio Lower Upper

75 100

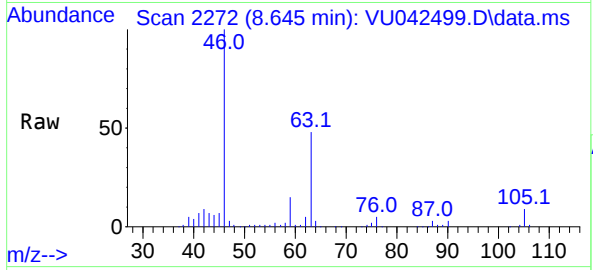
77 60.2 21.8 40.4#





#48
 2-Hexanone
 Concen: 2.44 ug/L
 RT: 8.645 min Scan# 2272
 Delta R.T. -0.049 min
 Lab File: VU042499.D
 Acq: 05 Mar 2021 11:48

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 ClientSampleId :



Tgt Ion: 43 Resp: 11760

Ion	Ratio	Lower	Upper
43	100		
58	21.2	40.6	61.0#
57	21.9	14.9	22.3
100	0.0	8.6	12.8#

