

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042665.D
 Acq On : 15 Mar 2021 15:22
 Operator : SY/MD
 Sample : M1676-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD8DL

Quant Time: Mar 16 01:37:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

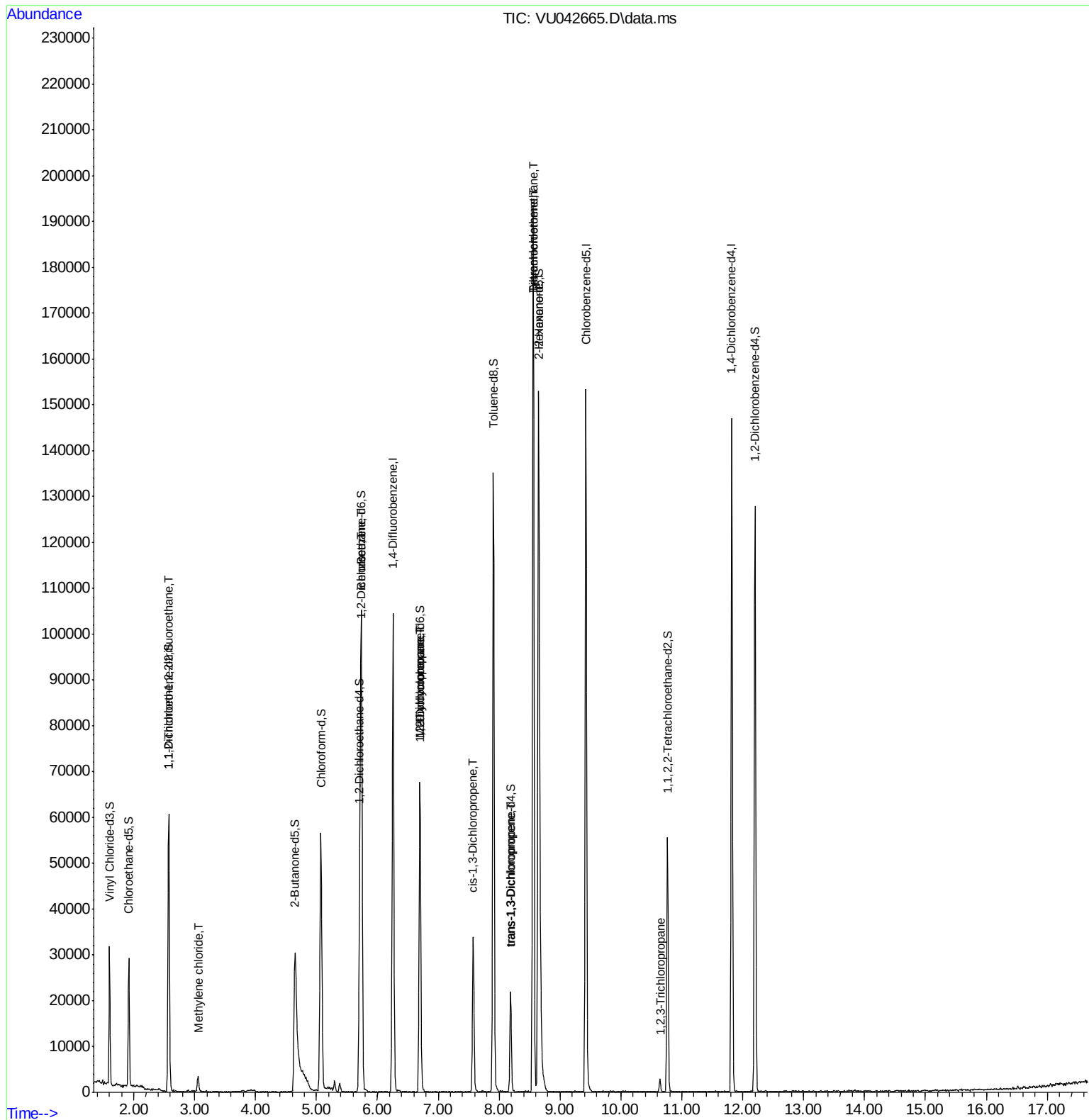
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	79862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	36369	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20259	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.919	69	18633	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.575	63	37890	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.649	46	75846	43.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.78%
24) Chloroform-d	5.073	84	49194	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.710	65	32339	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.735	84	87665	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.700	67	29192	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.906	98	83891	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloroprop...	8.185	79	11690	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.645	63	60113	42.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.78%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25700	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	32850	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	351	0.06	ug/L #	18
16) Methylene chloride	3.060	84	1425	0.21	ug/L	89
27) 1,2-Dichloroethane	5.726	62	287	0.03	ug/L #	75
33) Benzene	5.729	78	655	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6974	0.66	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3874	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	971	0.10	ug/L	93
44) trans-1,3-Dichloropropene	8.189	75	523	0.06	ug/L #	68
47) Tetrachloroethene	8.558	164	41492	7.32	ug/L	99
48) 2-Hexanone	8.648	43	9424	2.16	ug/L #	67
49) Dibromochloromethane	8.558	129	36167	5.79	ug/L #	12
59) 1,2,3-Trichloropropane	10.645	75	608	0.12	ug/L #	42

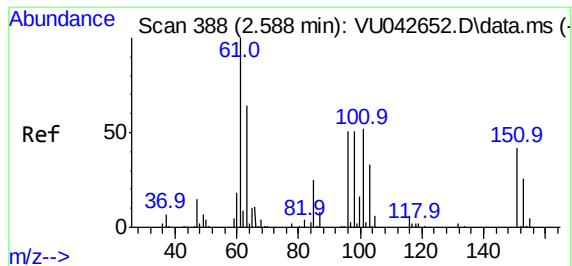
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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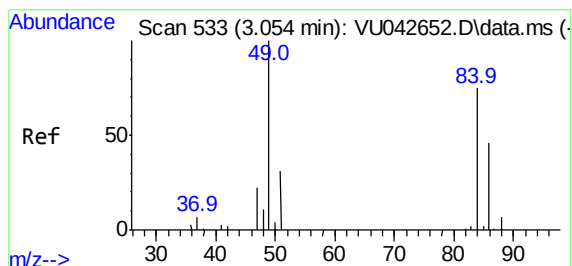
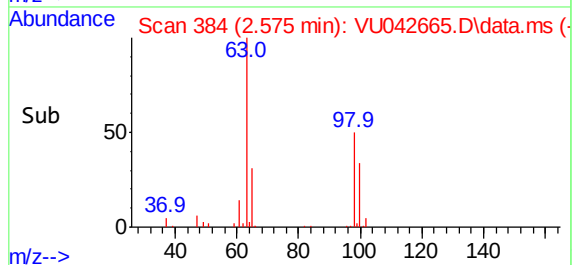
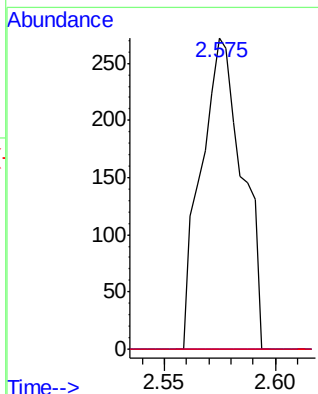
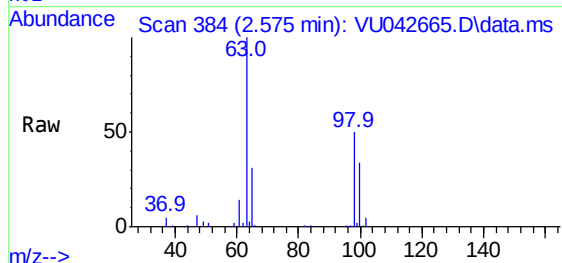




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU042665.D
 Acq: 15 Mar 2021 15:22

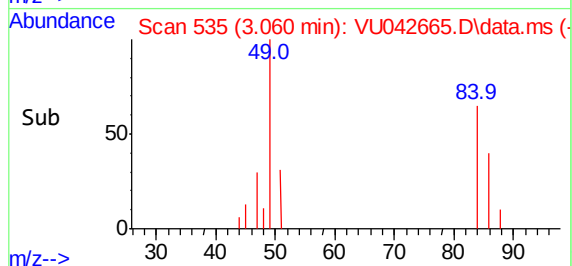
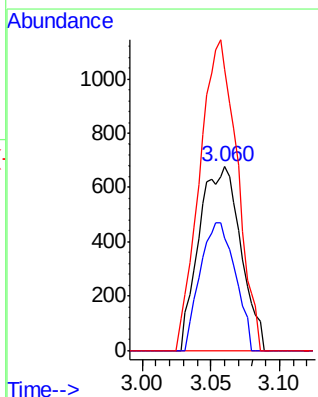
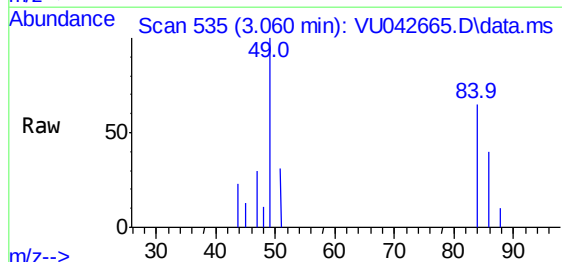
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD8DL

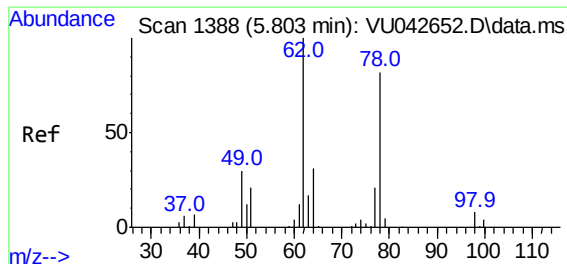
Tgt Ion:101 Resp: 351
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#16
 Methylene chloride
 Concen: 0.21 ug/L
 RT: 3.060 min Scan# 535
 Delta R.T. 0.006 min
 Lab File: VU042665.D
 Acq: 15 Mar 2021 15:22

Tgt Ion: 84 Resp: 1425
 Ion Ratio Lower Upper
 84 100
 86 61.2 44.1 81.9
 49 153.6 95.0 176.4

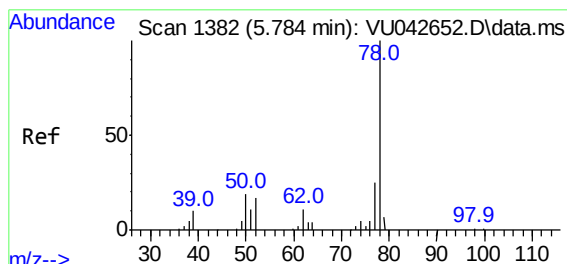
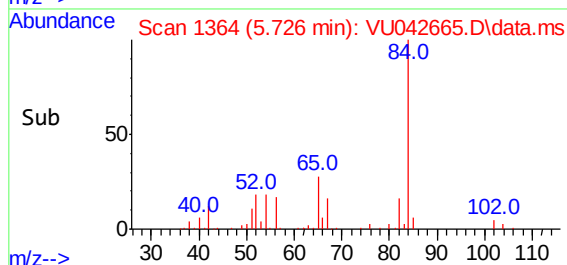
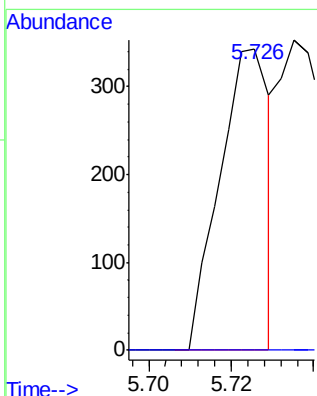
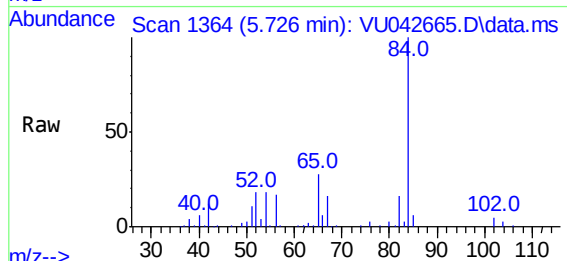




#27
1,2-Dichloroethane
Concen: 0.03 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.077 min
Lab File: VU042665.D
Acq: 15 Mar 2021 15:22

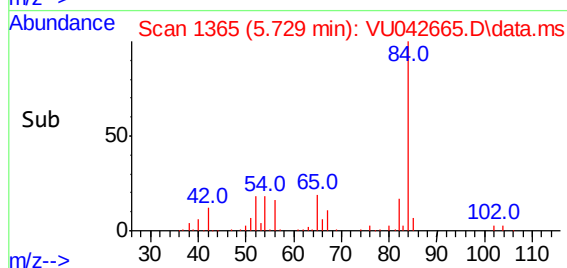
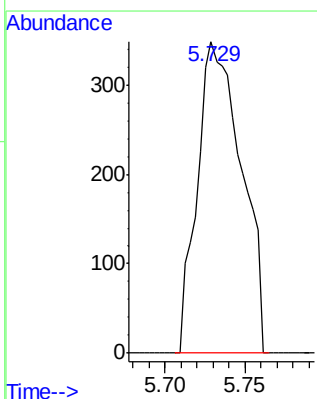
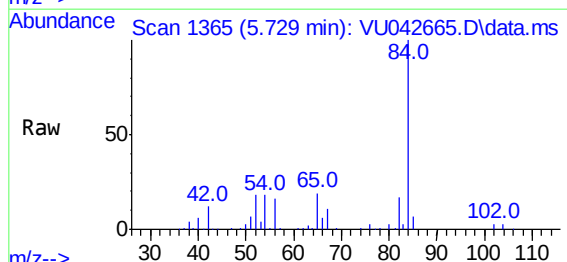
Instrument :
MSVOA_U
ClientSampleId :
C0AD8DL

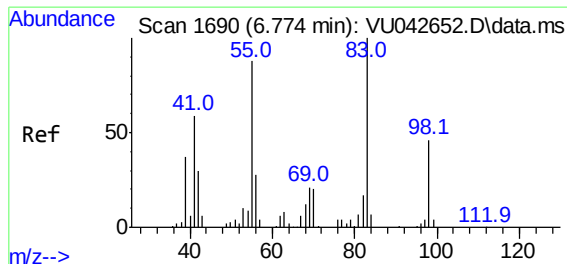
Tgt Ion: 62 Resp: 287
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.055 min
Lab File: VU042665.D
Acq: 15 Mar 2021 15:22

Tgt Ion: 78 Resp: 655

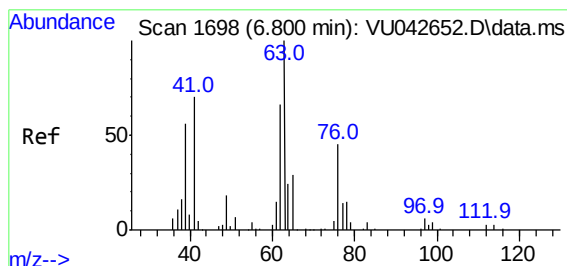
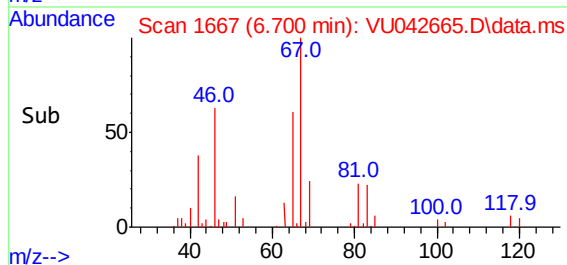
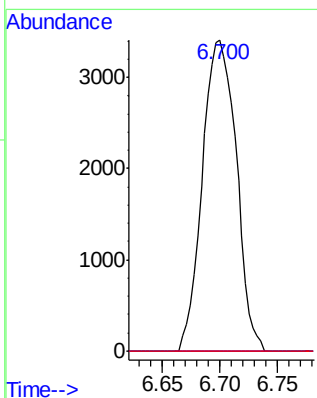
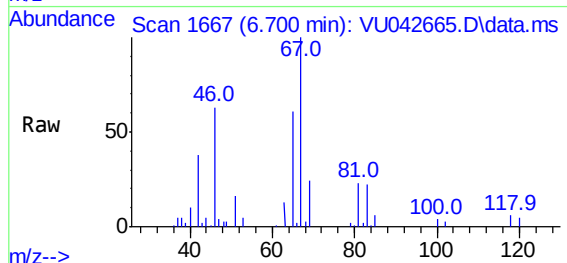




#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042665.D
Acq: 15 Mar 2021 15:22

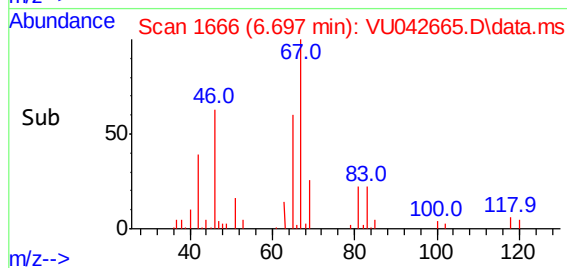
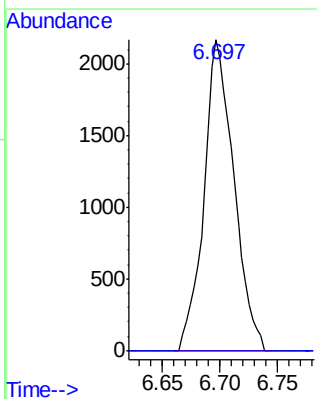
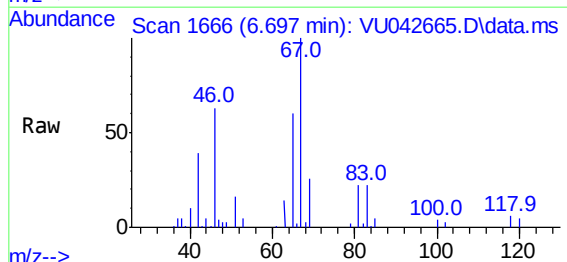
Instrument :
MSVOA_U
ClientSampleId :
C0AD8DL

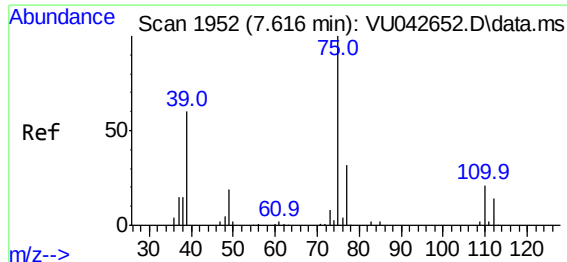
Tgt Ion: 83 Resp: 6974
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042665.D
Acq: 15 Mar 2021 15:22

Tgt Ion: 63 Resp: 3874
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

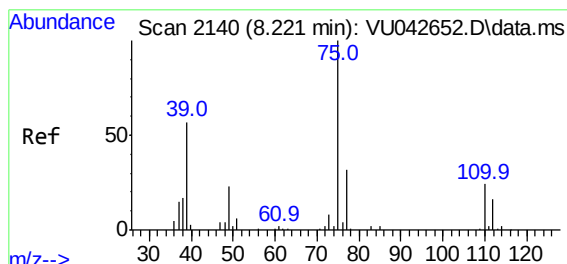
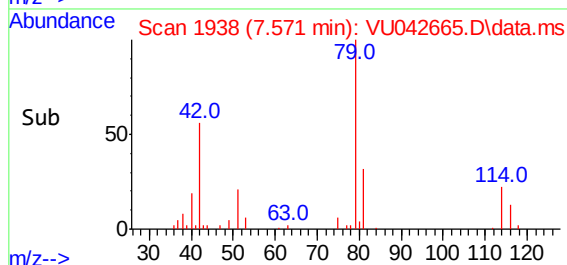
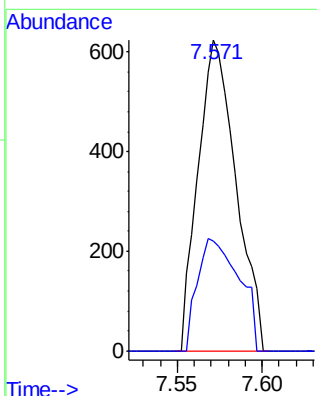
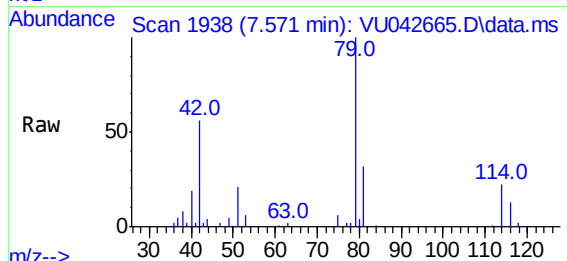




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042665.D
Acq: 15 Mar 2021 15:22

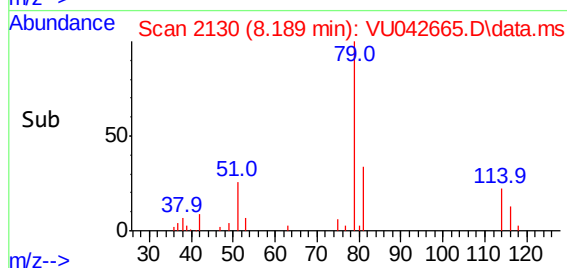
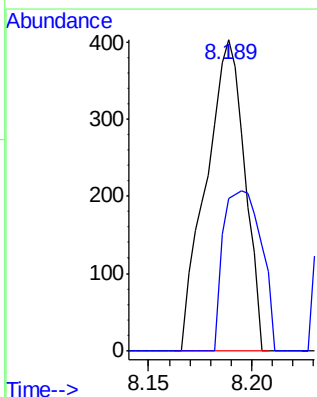
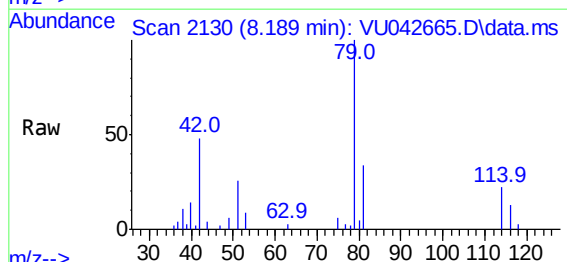
Instrument :
MSVOA_U
ClientSampleId :
C0AD8DL

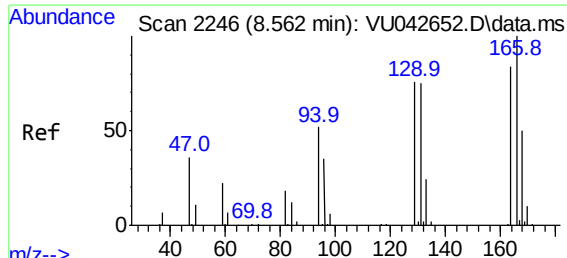
Tgt Ion: 75 Resp: 971
Ion Ratio Lower Upper
75 100
77 35.4 22.0 40.8



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042665.D
Acq: 15 Mar 2021 15:22

Tgt Ion: 75 Resp: 523
Ion Ratio Lower Upper
75 100
77 48.9 21.8 40.4





#47

Tetrachloroethene

Concen: 7.32 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU042665.D

Acq: 15 Mar 2021 15:22

Instrument :

MSVOA_U

ClientSampleId :

C0AD8DL

Tgt Ion:164 Resp: 41492

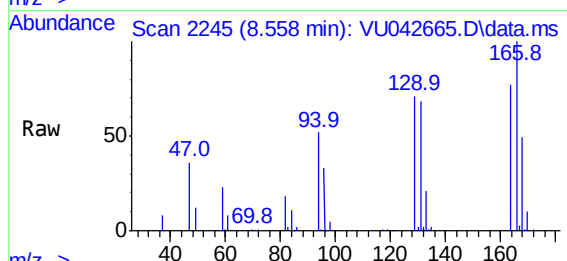
Ion Ratio Lower Upper

164 100

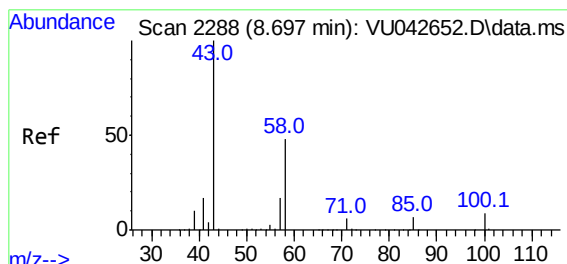
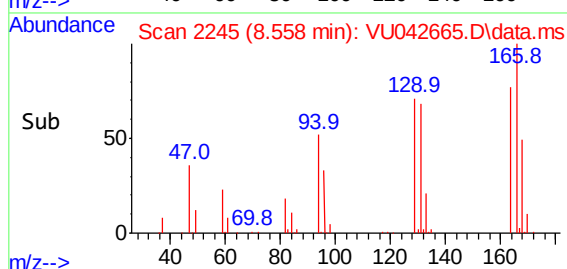
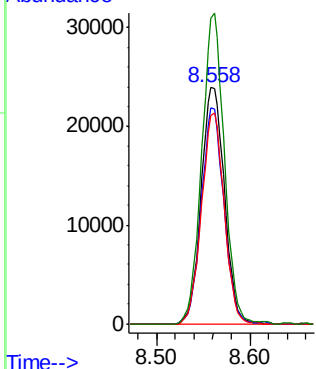
129 91.6 64.3 119.5

131 88.4 62.2 115.6

166 129.2 88.6 164.6



Abundance



#48

2-Hexanone

Concen: 2.16 ug/L

RT: 8.648 min Scan# 2273

Delta R.T. -0.048 min

Lab File: VU042665.D

Acq: 15 Mar 2021 15:22

Tgt Ion: 43 Resp: 9424

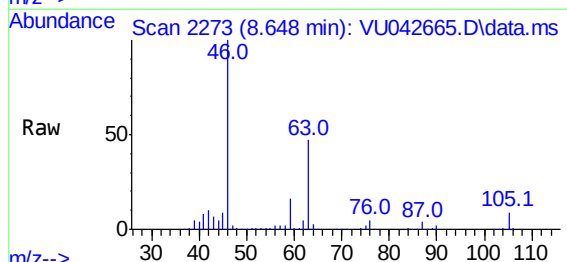
Ion Ratio Lower Upper

43 100

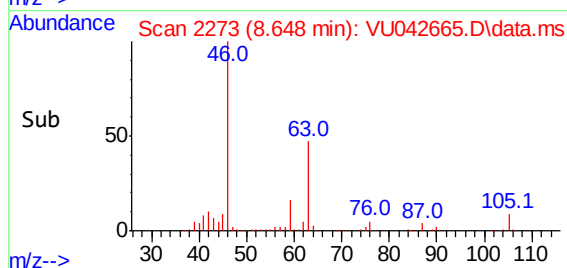
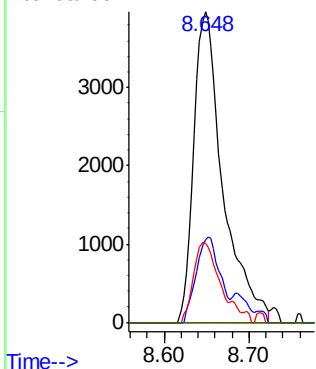
58 22.5 40.6 61.0#

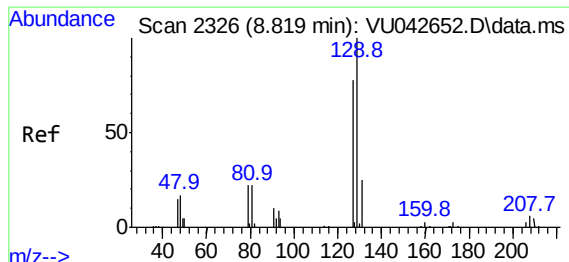
57 24.1 14.9 22.3#

100 0.0 8.6 12.8#



Abundance

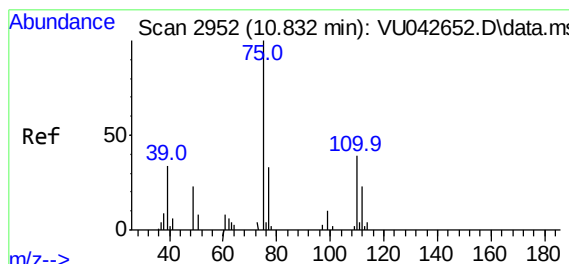
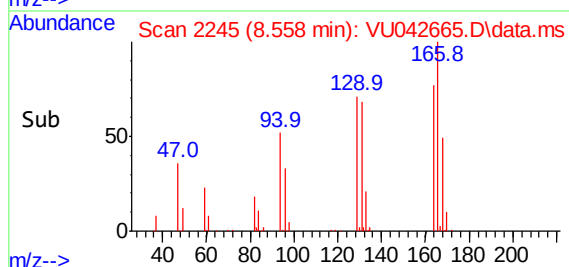
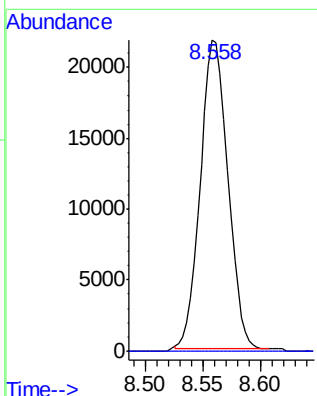
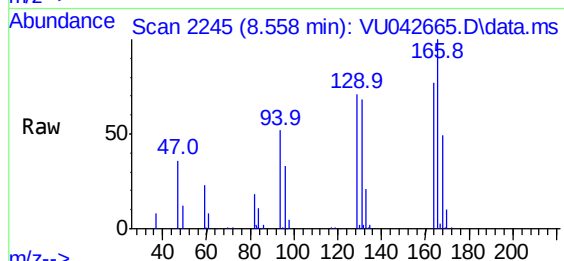




#49
Dibromochloromethane
Concen: 5.79 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042665.D
Acq: 15 Mar 2021 15:22

Instrument :
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Tgt Ion:129 Resp: 36167
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.12 ug/L
RT: 10.645 min Scan# 2894
Delta R.T. -0.187 min
Lab File: VU042665.D
Acq: 15 Mar 2021 15:22

Tgt Ion: 75 Resp: 608
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

