

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042666.D
 Acq On : 15 Mar 2021 15:44
 Operator : SY/MD
 Sample : M1676-16DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE5DL

Quant Time: Mar 16 01:37:44 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)

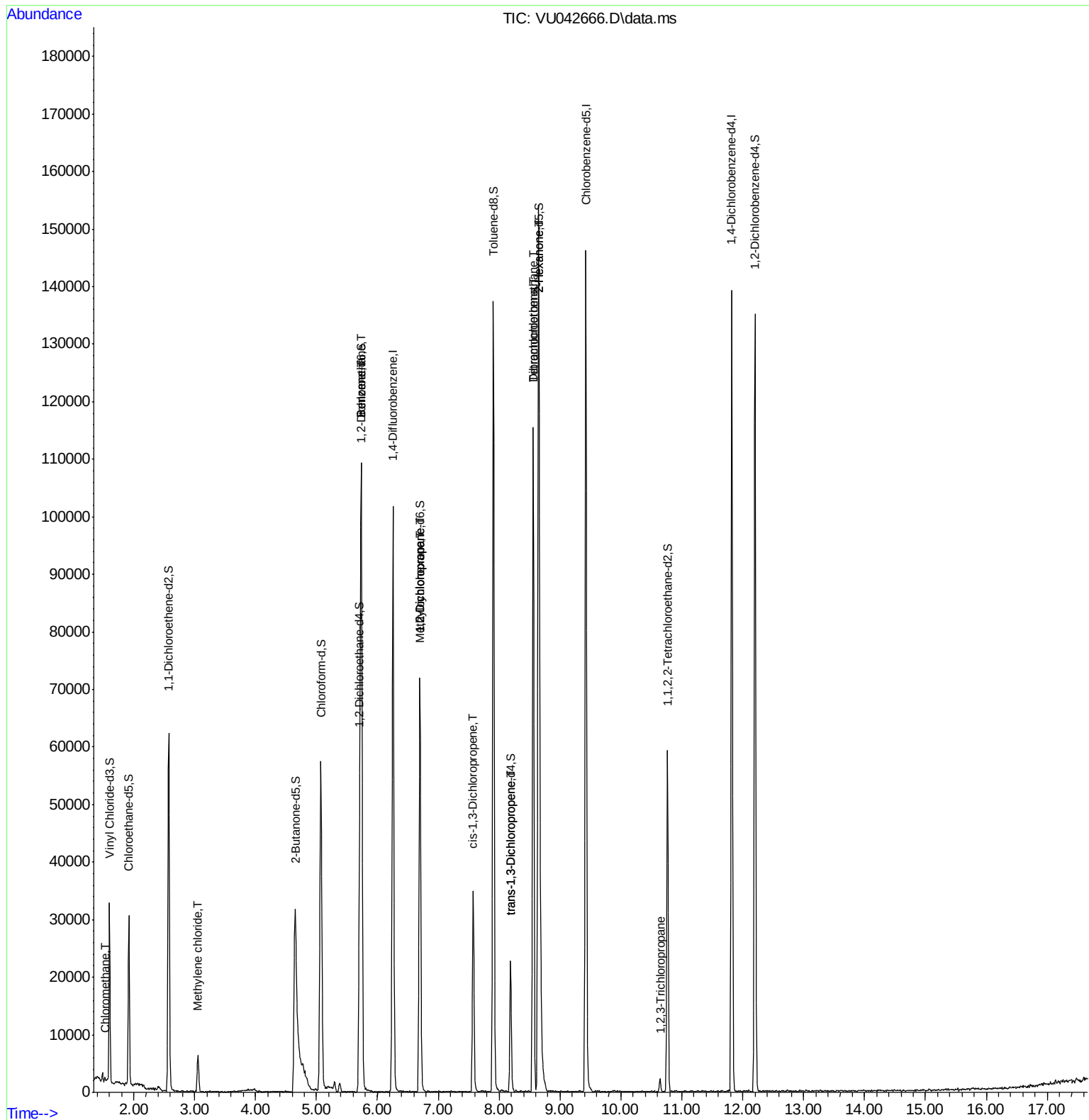
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	76643	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76664	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35612	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21257	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.919	69	19291	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.571	63	38344	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.652	46	75620	45.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	5.070	84	50524	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.710	65	33682	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.735	84	90051	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.700	67	31008	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.906	98	84619	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.185	79	12376	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.645	63	63188	46.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.18%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27135	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	33141	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						
3) Chloromethane	1.523	50	439	0.07	ug/L	97
16) Methylene chloride	3.054	84	2713	0.42	ug/L	91
27) 1,2-Dichloroethane	5.729	62	640	0.07	ug/L #	75
33) Benzene	5.735	78	777	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	7157	0.71	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3840	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	957	0.10	ug/L #	62
44) trans-1,3-Dichloropropene	8.185	75	565	0.06	ug/L #	34
47) Tetrachloroethene	8.558	164	24628	4.54	ug/L	93
48) 2-Hexanone	8.648	43	10117	2.43	ug/L #	70
49) Dibromochloromethane	8.558	129	21706	3.63	ug/L #	12
59) 1,2,3-Trichloropropane	10.642	75	521	0.11	ug/L #	42

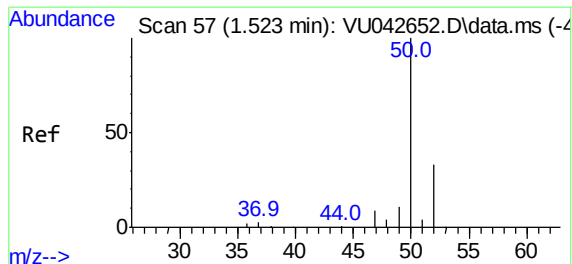
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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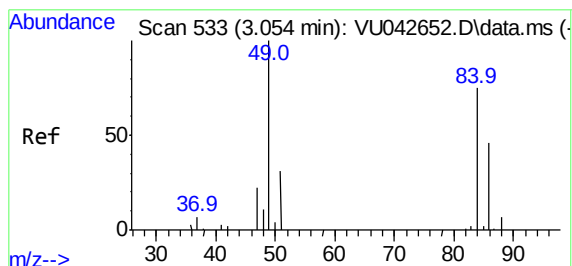
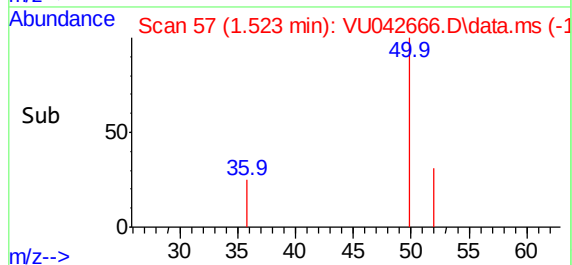
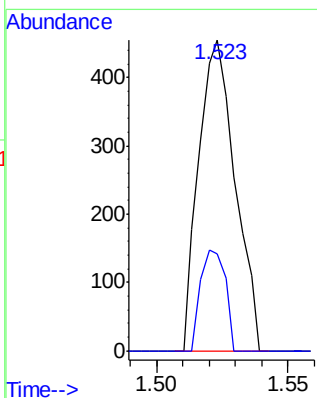
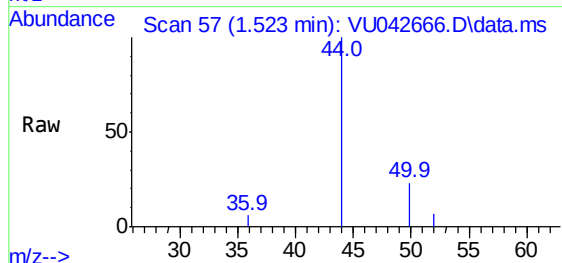




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042666.D
Acq: 15 Mar 2021 15:44

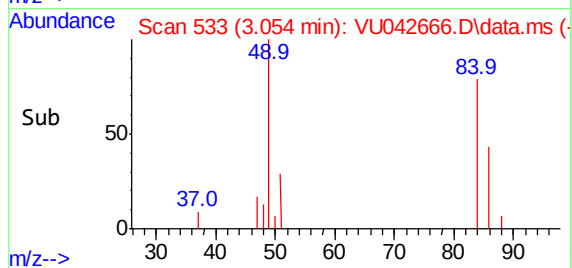
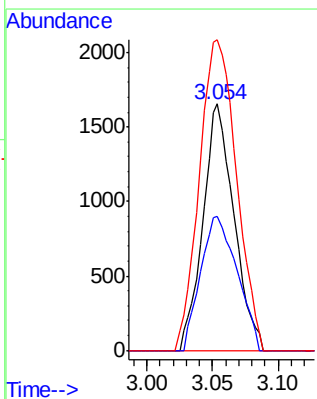
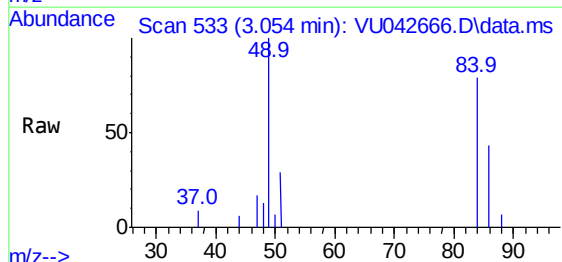
Instrument :
MSVOA_U
ClientSampleId :
C0AE5DL

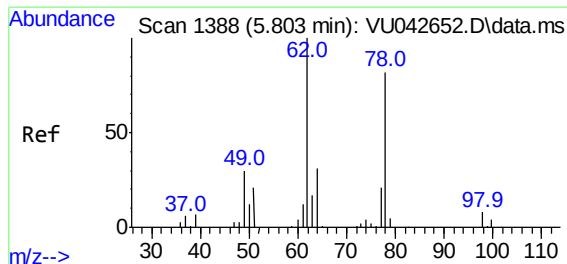
Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 31.2 23.0 42.8



#16
Methylene chloride
Concen: 0.42 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042666.D
Acq: 15 Mar 2021 15:44

Tgt Ion: 84 Resp: 2713
Ion Ratio Lower Upper
84 100
86 54.4 44.1 81.9
49 126.0 95.0 176.4

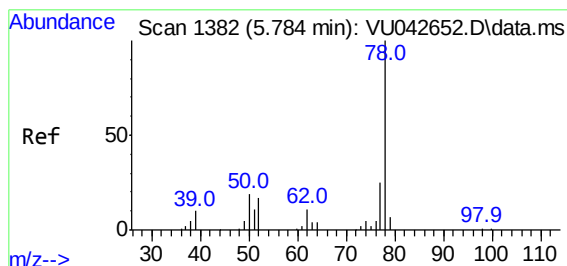
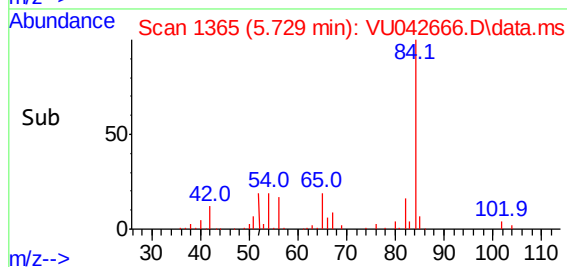
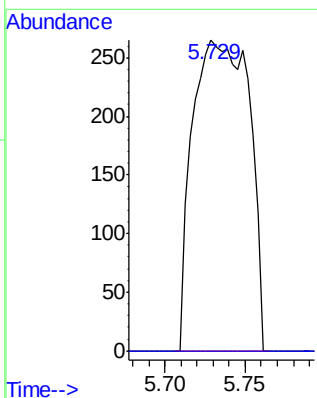
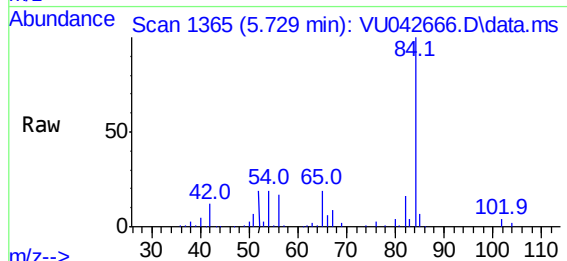




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.074 min
Lab File: VU042666.D
Acq: 15 Mar 2021 15:44

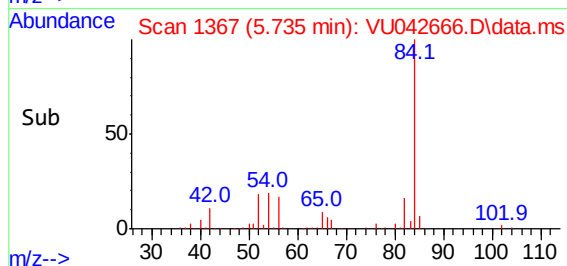
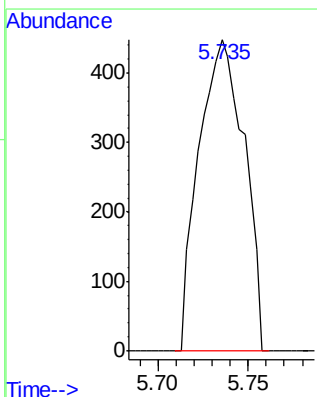
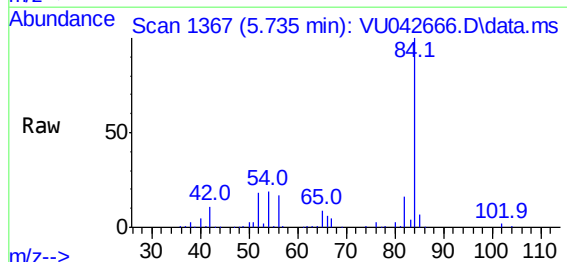
Instrument :
MSVOA_U
ClientSampleId :
C0AE5DL

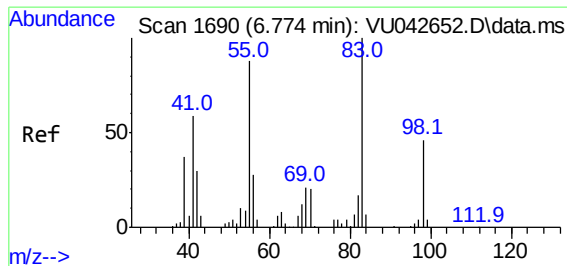
Tgt Ion: 62 Resp: 640
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042666.D
Acq: 15 Mar 2021 15:44

Tgt Ion: 78 Resp: 777

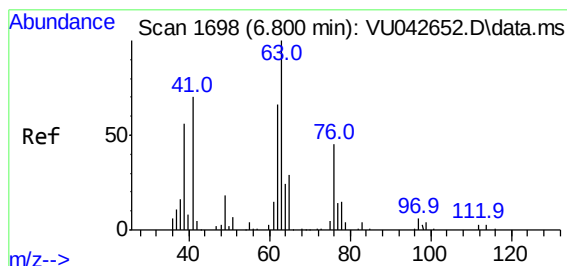
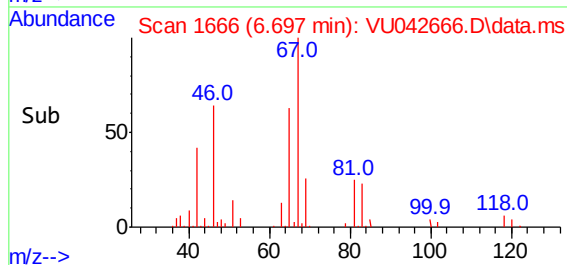
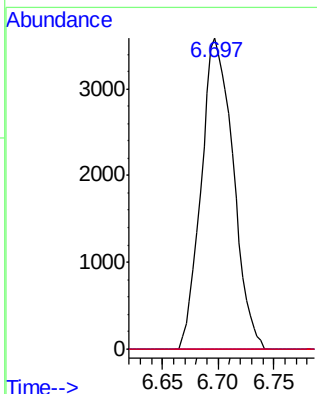
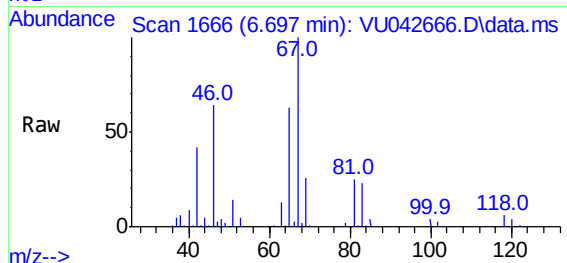




#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU042666.D
Acq: 15 Mar 2021 15:44

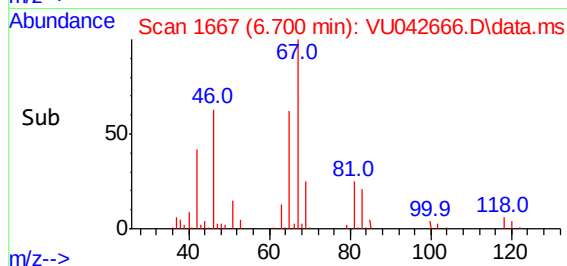
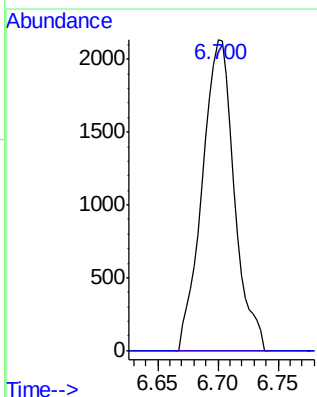
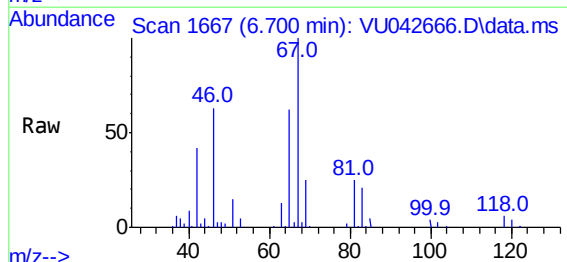
Instrument :
MSVOA_U
ClientSampleId :
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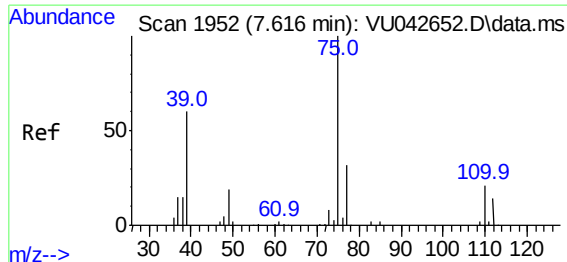
Tgt Ion: 83 Resp: 7157
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042666.D
Acq: 15 Mar 2021 15:44

Tgt Ion: 63 Resp: 3840
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

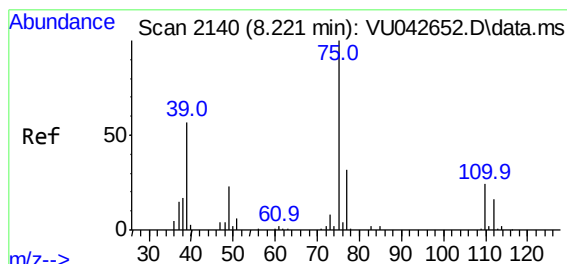
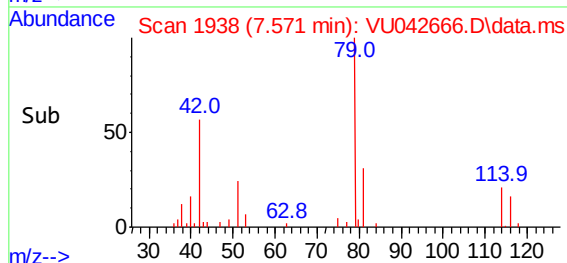
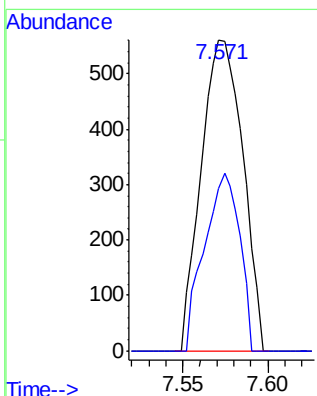
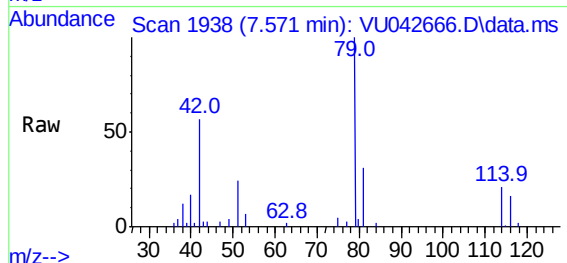




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU042666.D
 Acq: 15 Mar 2021 15:44

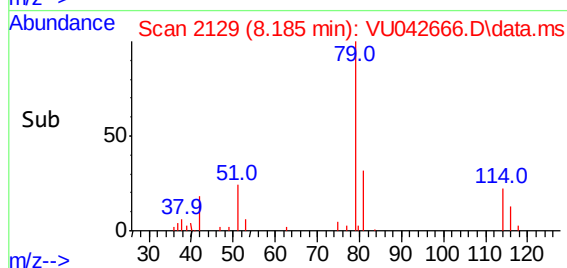
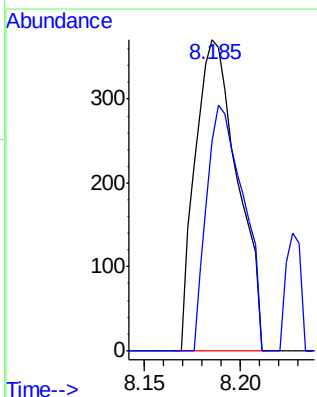
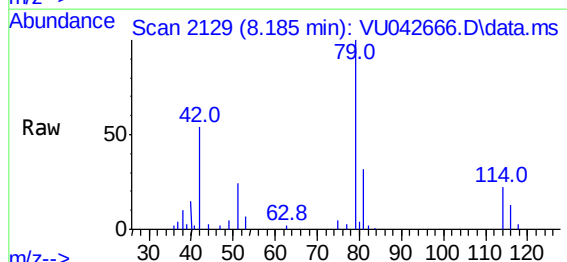
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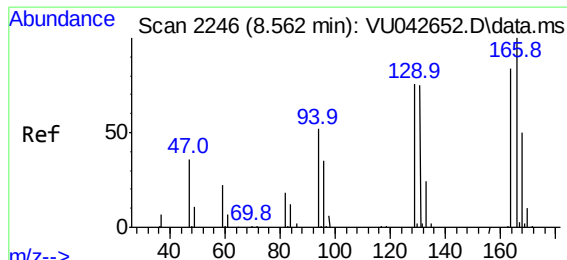
Tgt Ion: 75 Resp: 957
 Ion Ratio Lower Upper
 75 100
 77 52.2 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.06 ug/L
 RT: 8.185 min Scan# 2129
 Delta R.T. -0.036 min
 Lab File: VU042666.D
 Acq: 15 Mar 2021 15:44

Tgt Ion: 75 Resp: 565
 Ion Ratio Lower Upper
 75 100
 77 67.4 21.8 40.4#



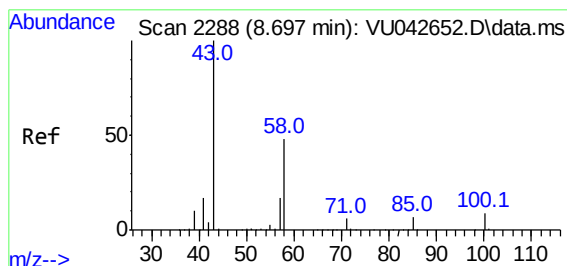
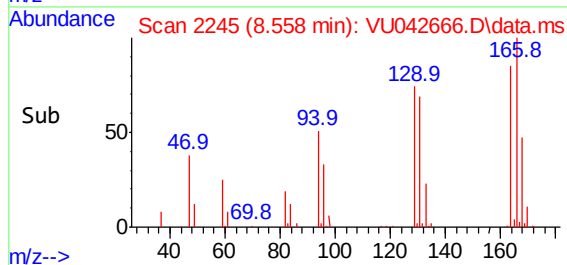
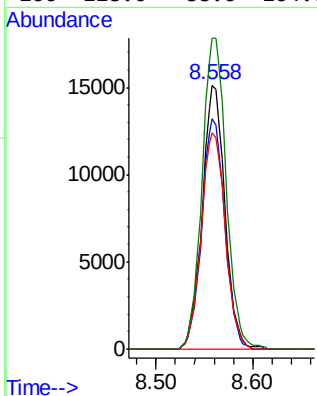
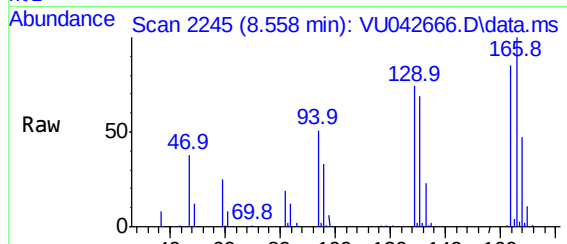


#47
Tetrachloroethene
Concen: 4.54 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042666.D
Acq: 15 Mar 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :
C0AE5DL

Tgt Ion:164 Resp: 24628

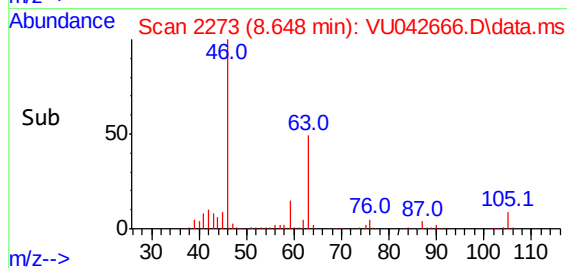
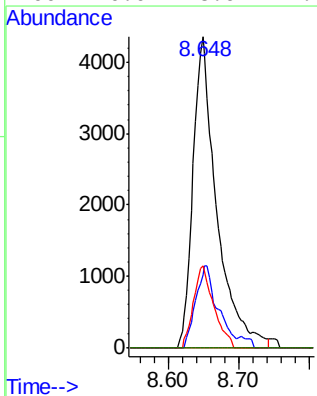
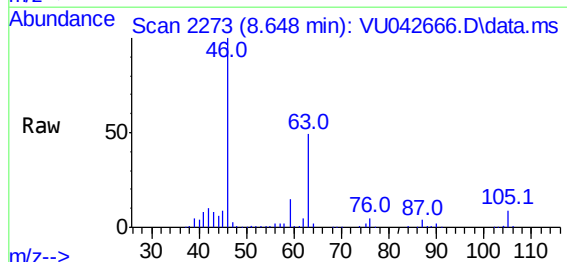
Ion	Ratio	Lower	Upper
164	100		
129	87.2	64.3	119.5
131	82.0	62.2	115.6
166	118.0	88.6	164.6

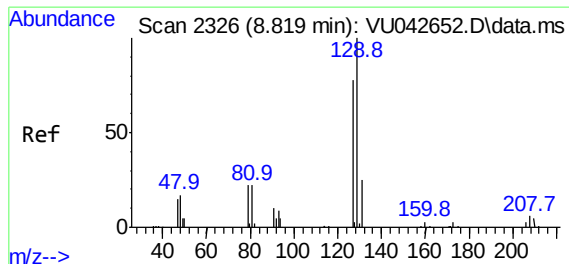


#48
2-Hexanone
Concen: 2.43 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042666.D
Acq: 15 Mar 2021 15:44

Tgt Ion: 43 Resp: 10117

Ion	Ratio	Lower	Upper
43	100		
58	24.3	40.6	61.0#
57	22.4	14.9	22.3#
100	0.0	8.6	12.8#

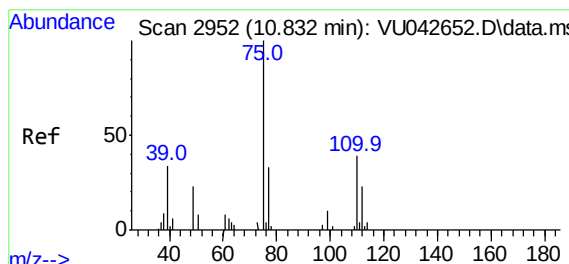
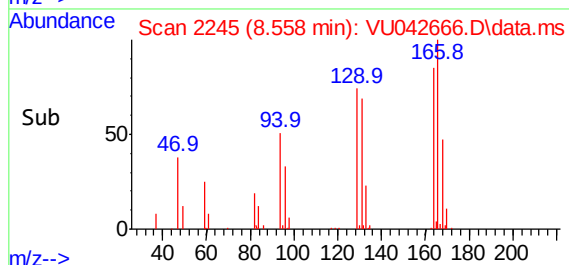
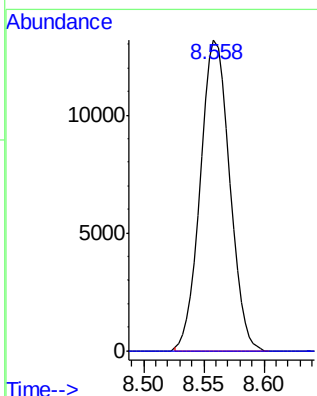
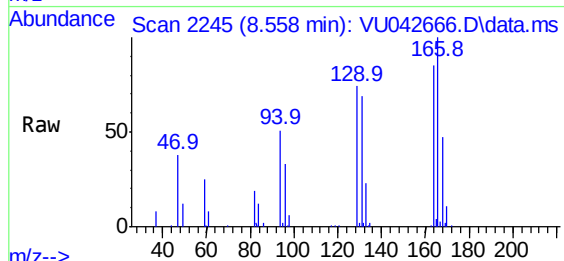




#49
 Dibromochloromethane
 Concen: 3.63 ug/L
 RT: 8.558 min Scan# 2245
 Delta R.T. -0.261 min
 Lab File: VU042666.D
 Acq: 15 Mar 2021 15:44

Instrument :
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Tgt Ion:129 Resp: 21706
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.3 97.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.11 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042666.D
 Acq: 15 Mar 2021 15:44

Tgt Ion: 75 Resp: 521
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

