

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042616.D
 Acq On : 12 Mar 2021 17:27
 Operator : SY/MD
 Sample : M1674-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE5

Quant Time: Mar 13 05:30:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

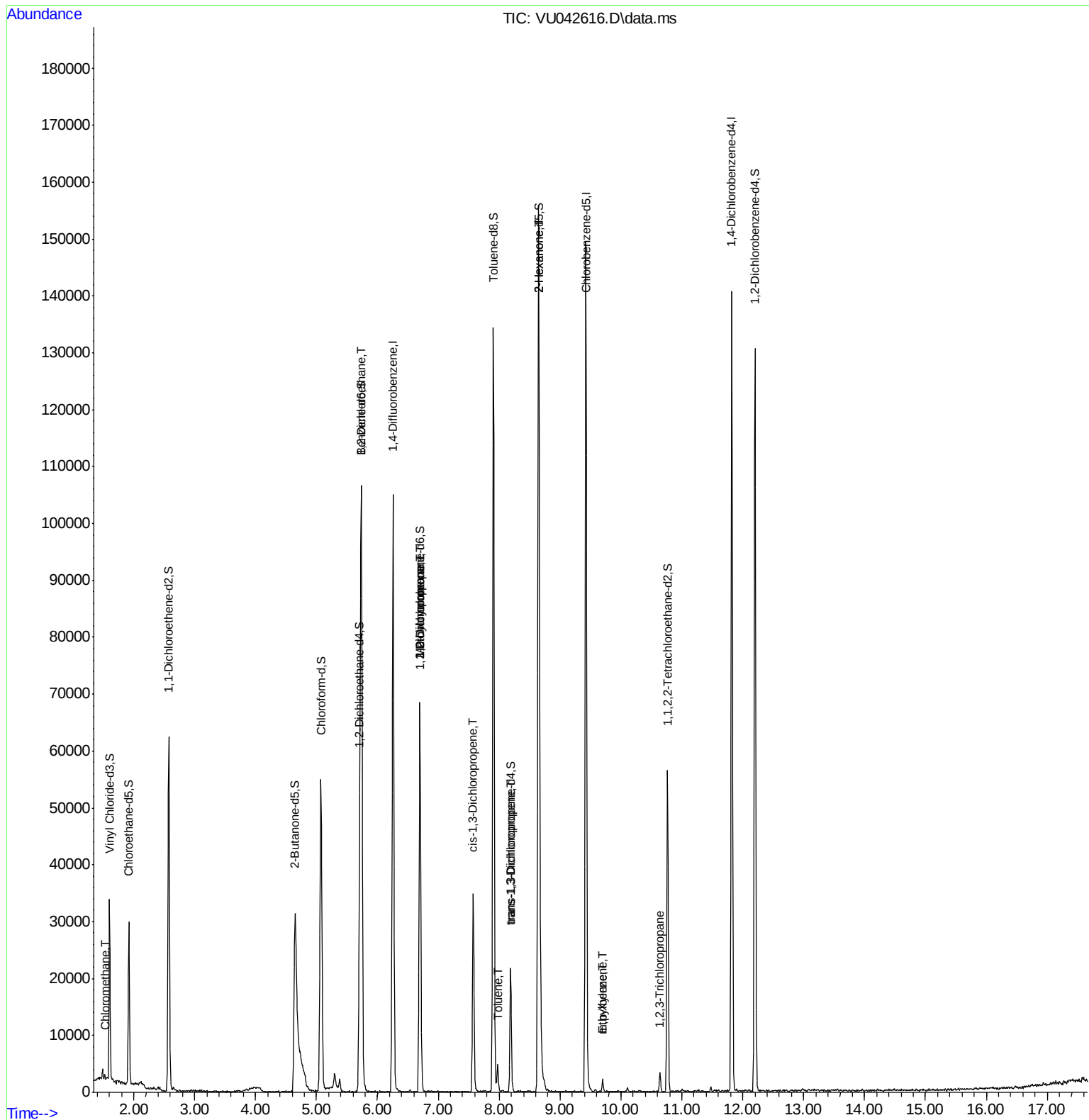
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78339	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	78410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35682	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21944	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.919	69	18988	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.575	63	38940	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.649	46	66952	39.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.10%
24) Chloroform-d	5.073	84	49400	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.710	65	33677	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.739	84	89281	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	29390	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.906	98	84929	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	8.189	79	10895	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.645	63	59814	43.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.24%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25154	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	32669	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						
3) Chloromethane	1.523	50	592	0.09	ug/L	96
27) 1,2-Dichloroethane	5.739	62	559	0.06	ug/L #	75
35) Methylcyclohexane	6.700	83	6988	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3781	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	935	0.10	ug/L #	62
42) Toluene	7.976	91	3461	0.13	ug/L	82
44) trans-1,3-Dichloropropene	8.185	75	640	0.07	ug/L	93
48) 2-Hexanone	8.645	43	8852	2.08	ug/L #	69
52) Ethylbenzene	9.700	91	1718	0.06	ug/L	91
53) m,p-Xylene	9.697	106	735	0.07	ug/L	68
59) 1,2,3-Trichloropropane	10.639	75	755	0.15	ug/L #	42

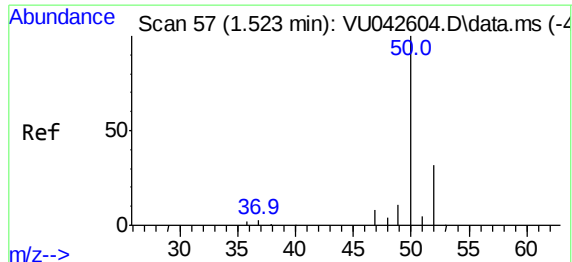
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.09 ug/L

RT: 1.523 min Scan# 57

Delta R.T. -0.000 min

Lab File: VU042616.D

Acq: 12 Mar 2021 17:27

Instrument :

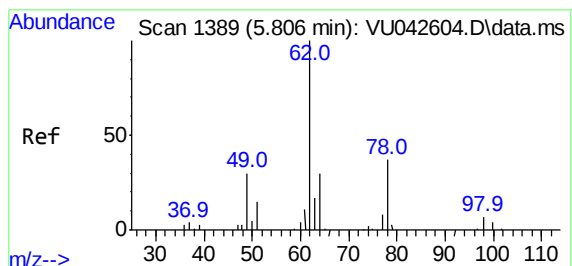
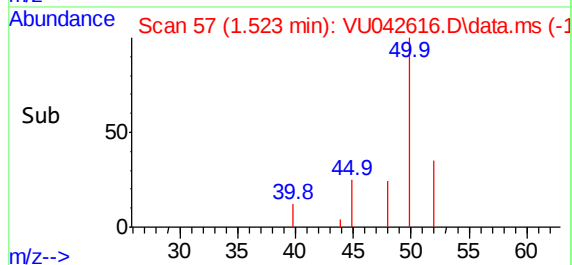
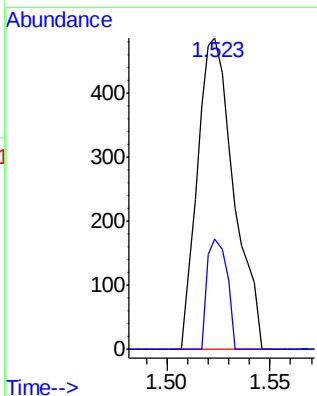
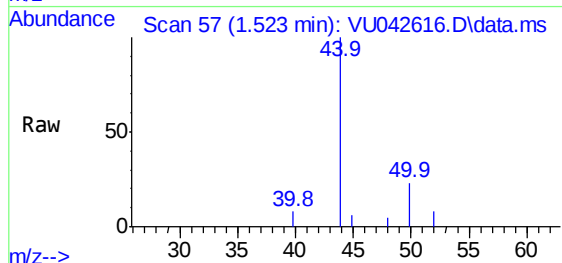
MSVOA_U

ClientSampleId :

C0BE5

Tgt Ion: 50 Resp: 592

Ion	Ratio	Lower	Upper
50	100		
52	35.3	23.0	42.8



#27

1,2-Dichloroethane

Concen: 0.06 ug/L

RT: 5.739 min Scan# 1368

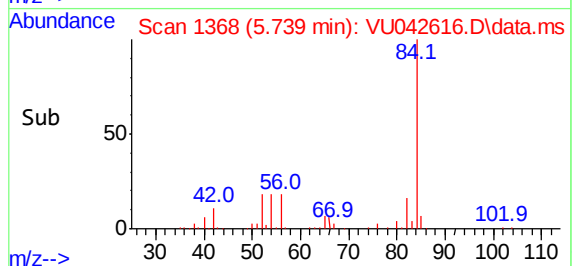
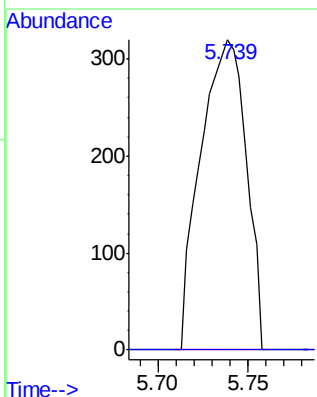
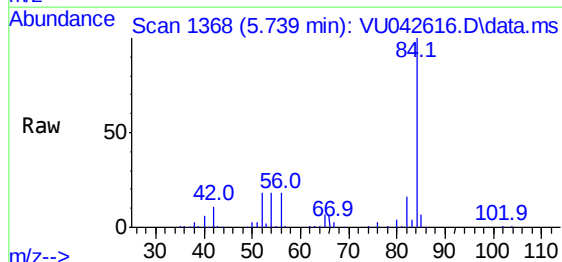
Delta R.T. -0.068 min

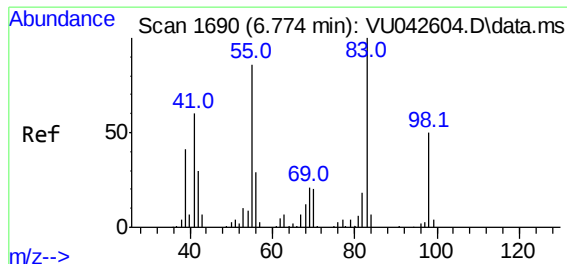
Lab File: VU042616.D

Acq: 12 Mar 2021 17:27

Tgt Ion: 62 Resp: 559

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9

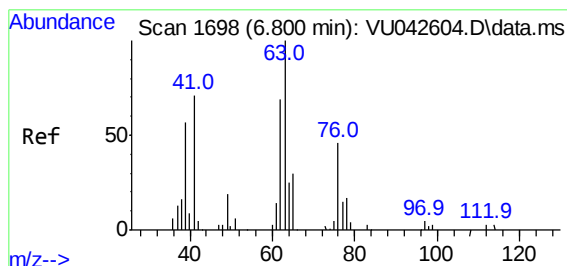
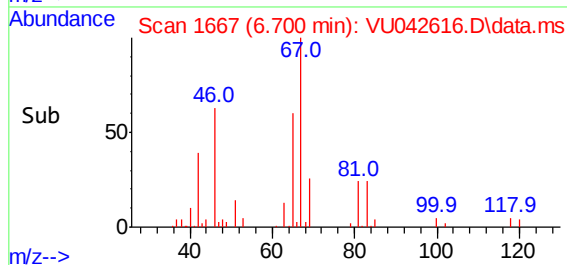
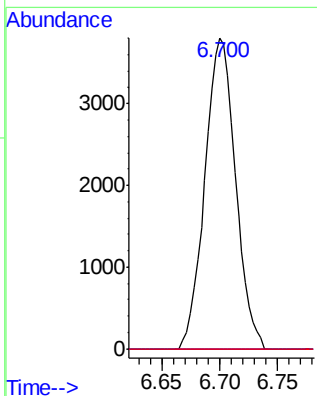
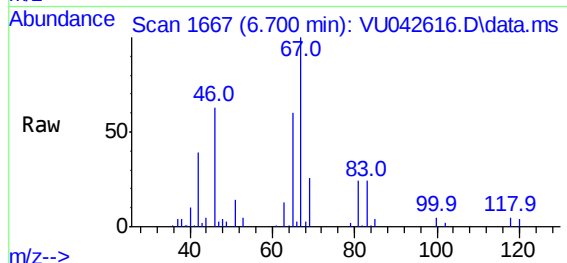




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042616.D
Acq: 12 Mar 2021 17:27

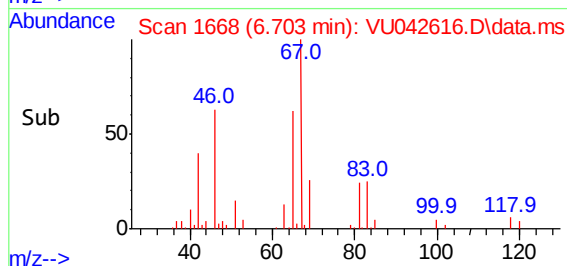
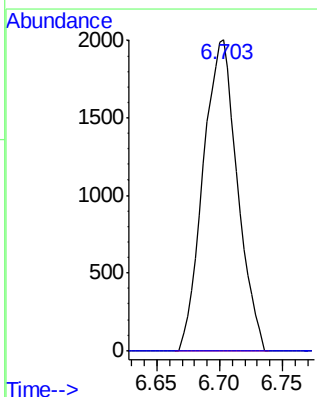
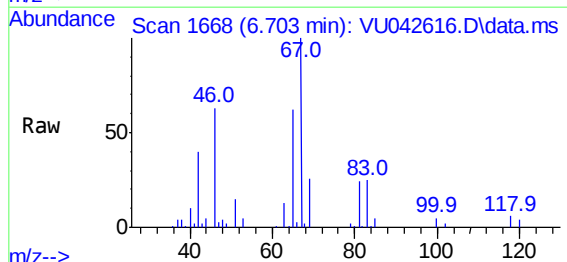
Instrument :
MSVOA_U
ClientSampleId :
C0BE5

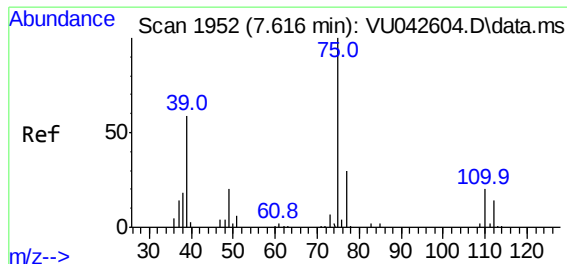
Tgt Ion: 83 Resp: 6988
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042616.D
Acq: 12 Mar 2021 17:27

Tgt Ion: 63 Resp: 3781
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

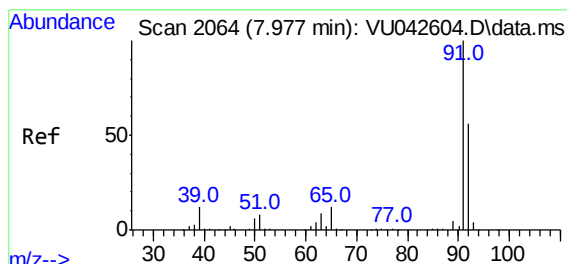
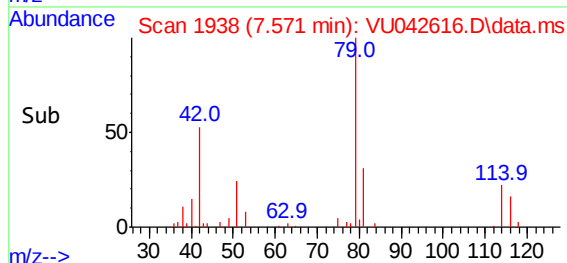
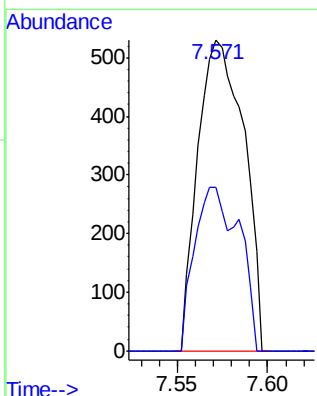
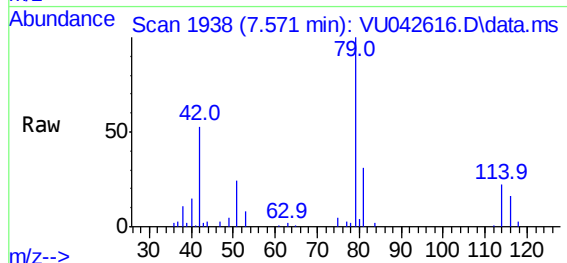




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042616.D
Acq: 12 Mar 2021 17:27

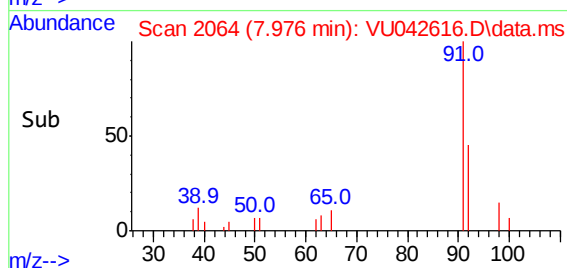
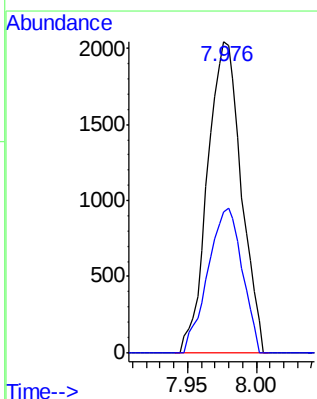
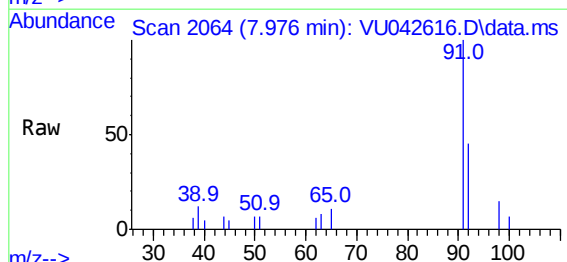
Instrument :
MSVOA_U
ClientSampleId :
C0BE5

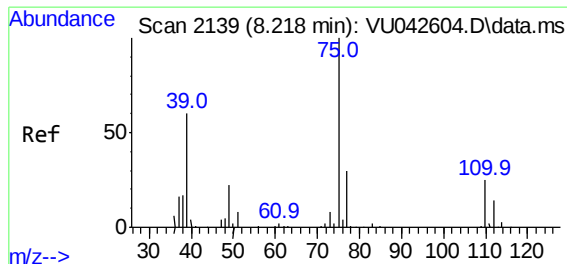
Tgt Ion: 75 Resp: 935
Ion Ratio Lower Upper
75 100
77 52.5 22.0 40.8#



#42
Toluene
Concen: 0.13 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042616.D
Acq: 12 Mar 2021 17:27

Tgt Ion: 91 Resp: 3461
Ion Ratio Lower Upper
91 100
92 45.4 41.2 76.6

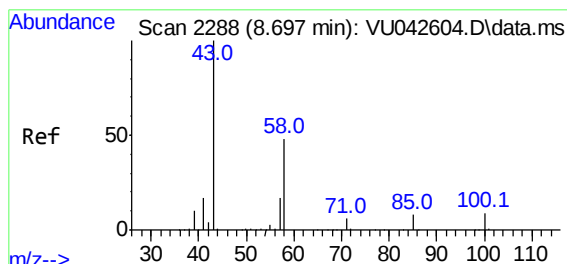
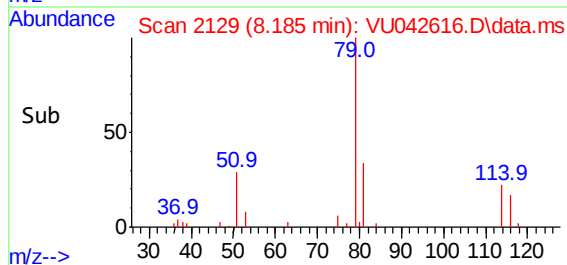
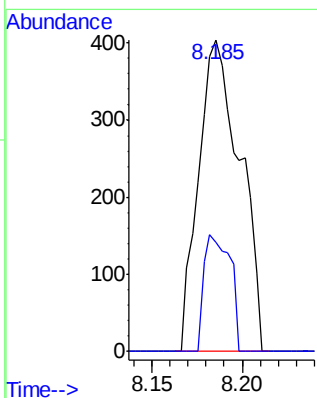
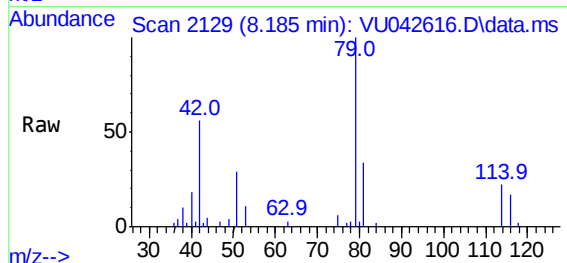




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042616.D
Acq: 12 Mar 2021 17:27

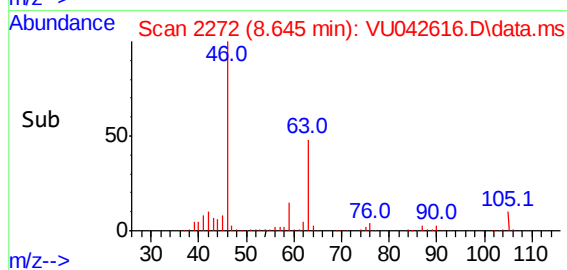
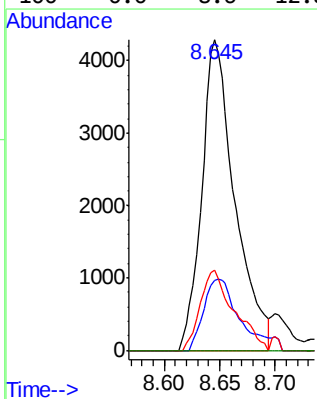
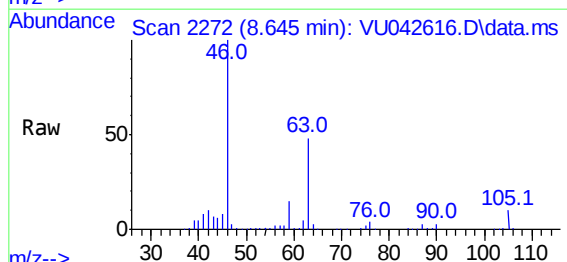
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ClientSampleId :
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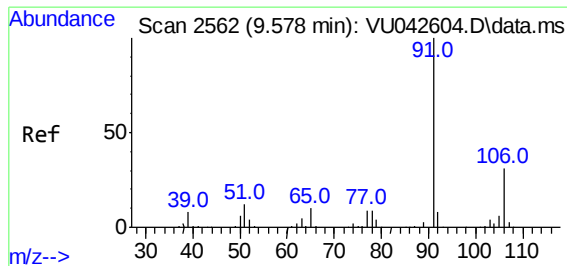
Tgt Ion: 75 Resp: 640
Ion Ratio Lower Upper
75 100
77 34.9 21.8 40.4



#48
2-Hexanone
Concen: 2.08 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042616.D
Acq: 12 Mar 2021 17:27

Tgt Ion: 43 Resp: 8852
Ion Ratio Lower Upper
43 100
58 25.4 40.6 61.0#
57 26.3 14.9 22.3#
100 0.0 8.6 12.8#

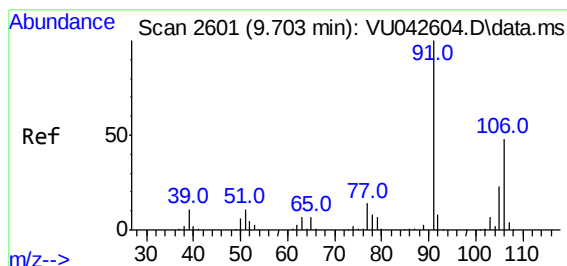
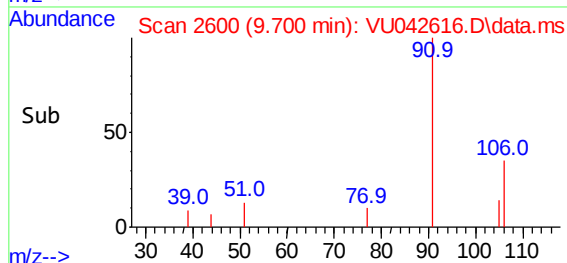
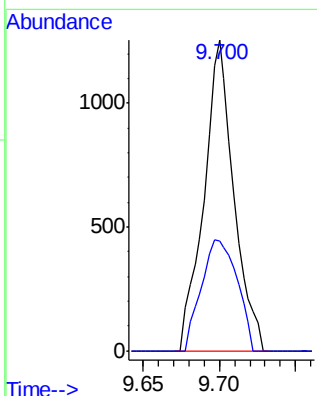
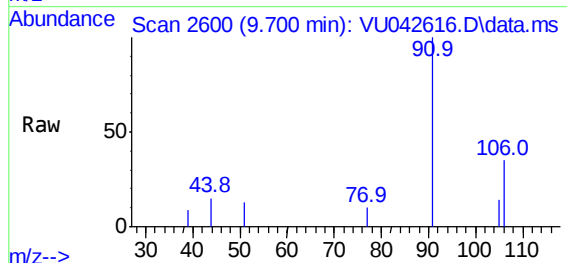




#52
Ethylbenzene
Concen: 0.06 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.122 min
Lab File: VU042616.D
Acq: 12 Mar 2021 17:27

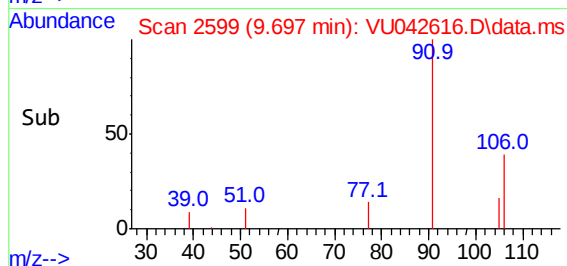
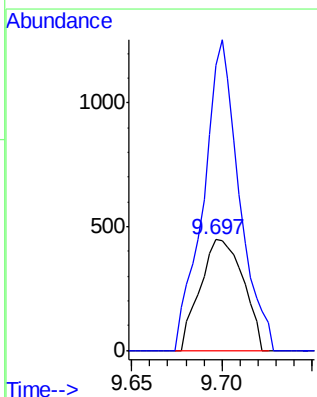
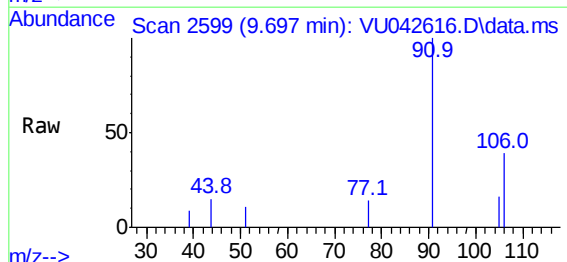
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MSVOA_U
ClientSampled :
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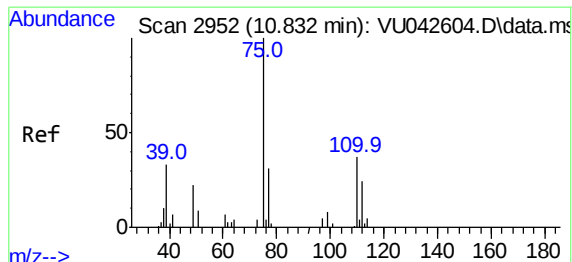
Tgt Ion: 91 Resp: 1718
Ion Ratio Lower Upper
91 100
106 35.3 21.1 39.3



#53
m,p-Xylene
Concen: 0.07 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.007 min
Lab File: VU042616.D
Acq: 12 Mar 2021 17:27

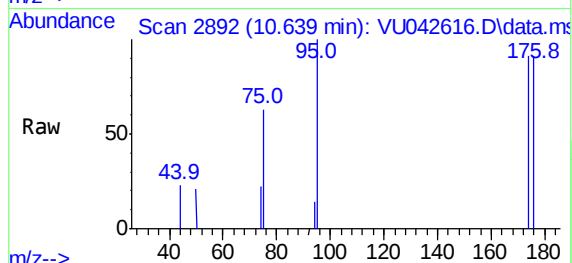
Tgt Ion: 106 Resp: 735
Ion Ratio Lower Upper
106 100
91 257.1 145.1 269.5





#59
 1,2,3-Trichloropropane
 Concen: 0.15 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042616.D
 Acq: 12 Mar 2021 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE5



Tgt Ion: 75 Resp: 755
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

