

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042822.D
 Acq On : 29 Mar 2021 17:39
 Operator : SY/MD
 Sample : M1846-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR27

Quant Time: Mar 30 01:17:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

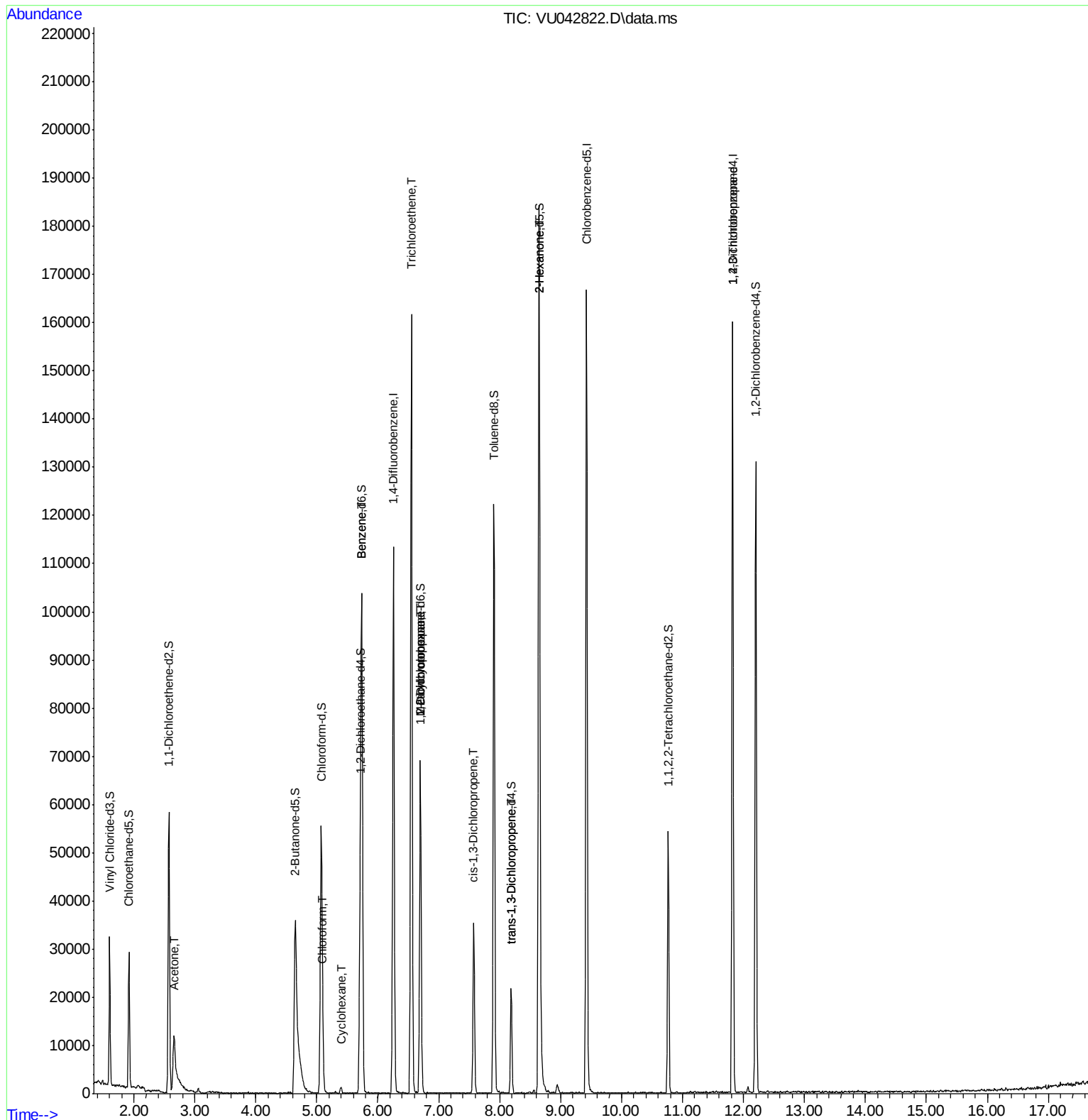
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	87022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	85976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	40437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20795	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.919	69	18972	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.575	63	35947	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.649	46	88683	46.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.12%
24) Chloroform-d	5.073	84	48606	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.713	65	30967	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.739	84	86086	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.700	67	28682	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.906	98	78051	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloroprop...	8.189	79	11648	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.645	63	63694	41.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24464	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	31944	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%
Target Compounds						
13) Acetone	2.661	43	31560	21.50	ug/L	84
25) Chloroform	5.099	83	3707	0.28	ug/L	90
30) Cyclohexane	5.407	56	667	0.06	ug/L #	88
33) Benzene	5.739	78	760	0.03	ug/L	100
34) Trichloroethene	6.552	95	51088	6.85	ug/L	99
35) Methylcyclohexane	6.700	83	6924	0.61	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3645	0.50	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	948	0.09	ug/L #	58
44) trans-1,3-Dichloropropene	8.189	75	512	0.05	ug/L #	77
48) 2-Hexanone	8.645	43	11056	2.37	ug/L #	67
59) 1,2,3-Trichloropropane	11.822	75	4671	0.86	ug/L #	86

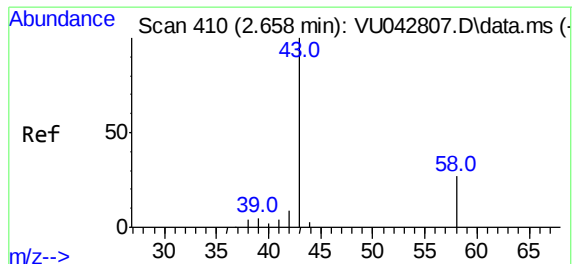
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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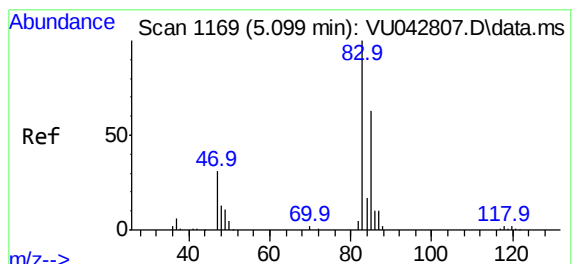
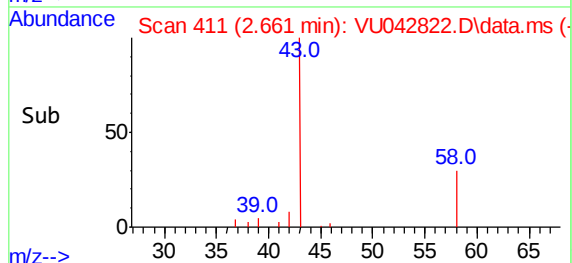
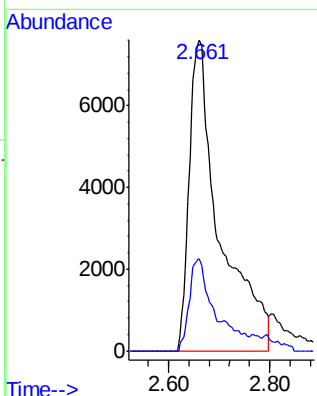
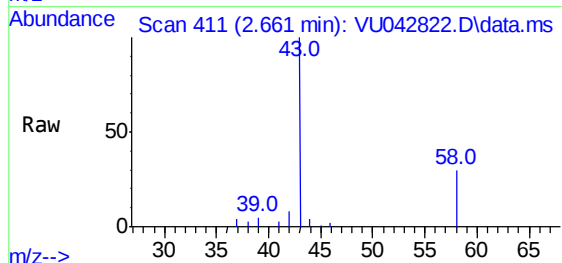




#13
Acetone
Concen: 21.50 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

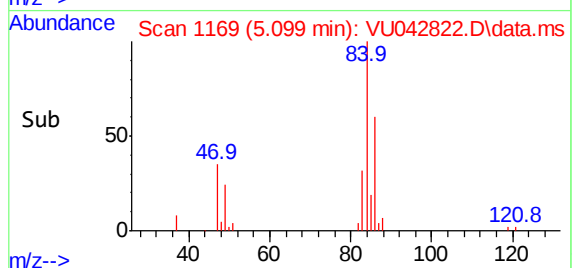
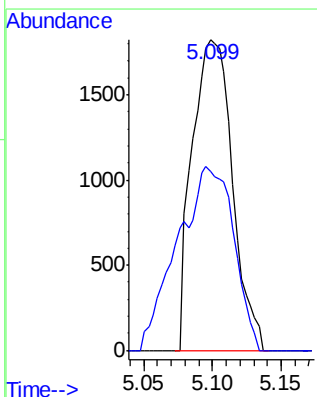
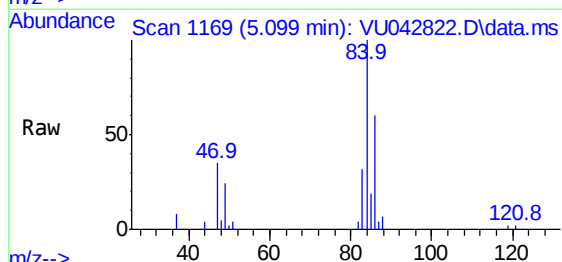
Instrument :
MSVOA_U
ClientSampled :
YAR27

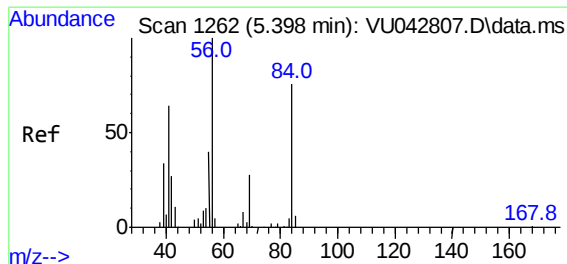
Tgt Ion: 43 Resp: 31560
Ion Ratio Lower Upper
43 100
58 19.5 0.0 55.8



#25
Chloroform
Concen: 0.28 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

Tgt Ion: 83 Resp: 3707
Ion Ratio Lower Upper
83 100
85 57.7 45.7 84.9

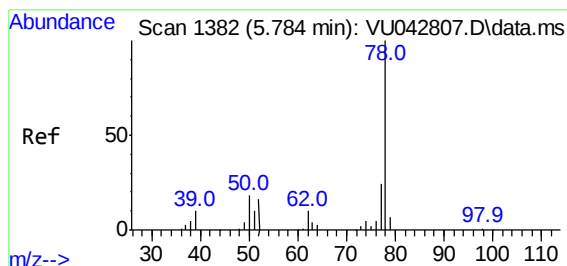
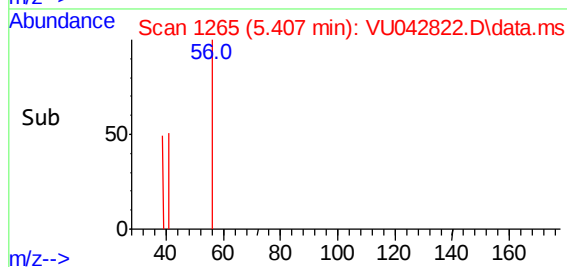
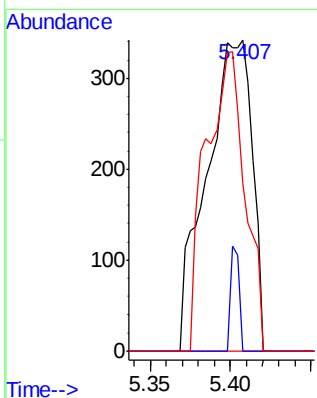
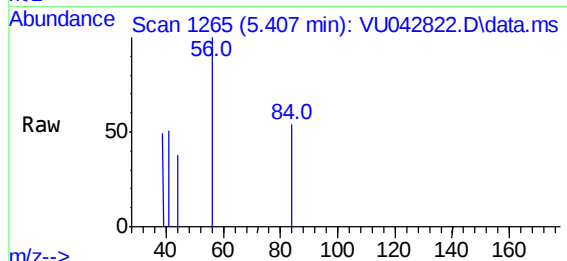




#30
Cyclohexane
Concen: 0.06 ug/L
RT: 5.407 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

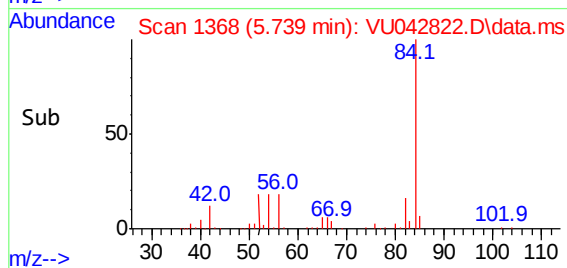
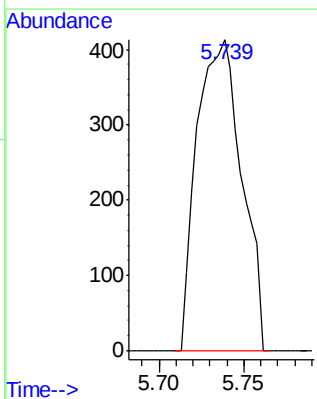
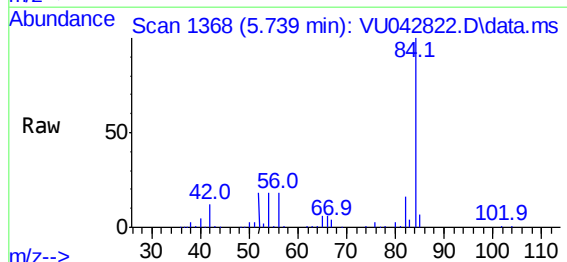
Instrument :
MSVOA_U
ClientSampled :
YAR27

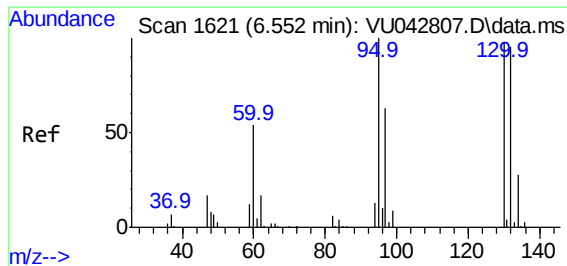
Tgt Ion: 56 Resp: 667
Ion Ratio Lower Upper
56 100
69 6.4 23.7 35.5#
84 82.3 65.3 97.9



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

Tgt Ion: 78 Resp: 760

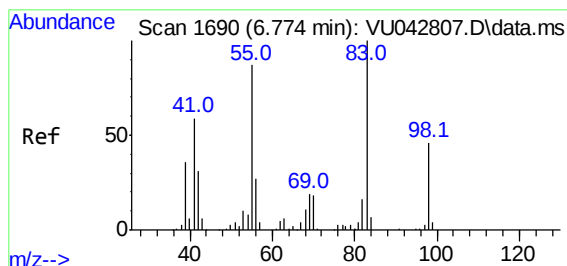
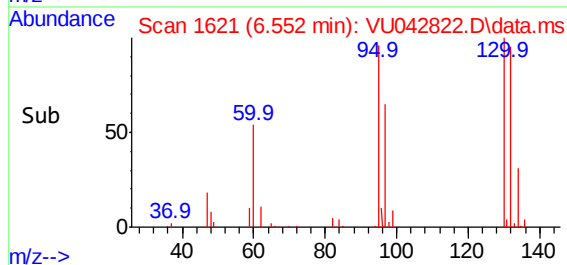
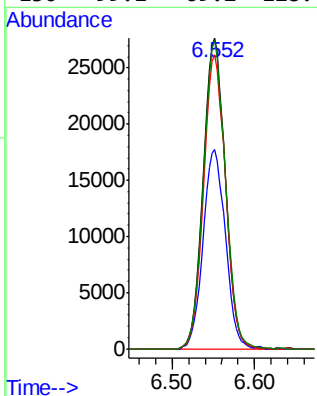
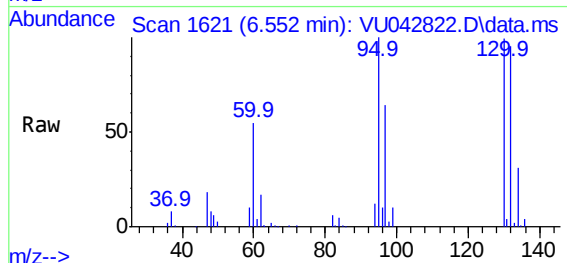




#34
Trichloroethene
Concen: 6.85 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

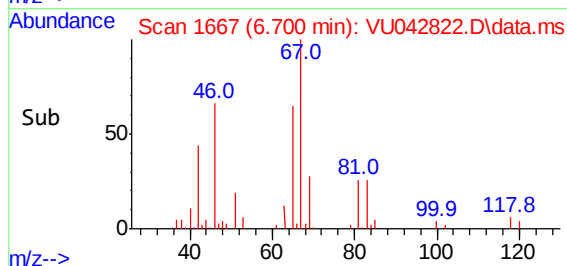
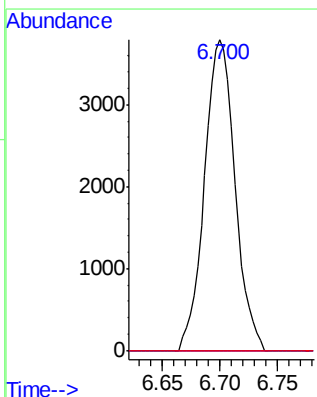
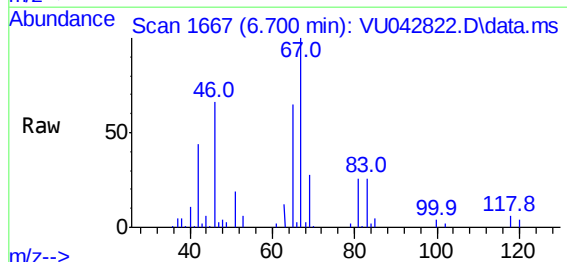
Instrument :
MSVOA_U
ClientSampleId :
YAR27

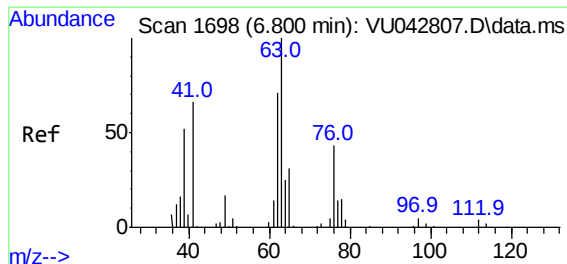
Tgt Ion:	95	Resp:	51088
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.4	82.4
132	94.6	68.0	126.4
130	99.1	69.2	128.4



#35
Methylcyclohexane
Concen: 0.61 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

Tgt Ion:	83	Resp:	6924
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

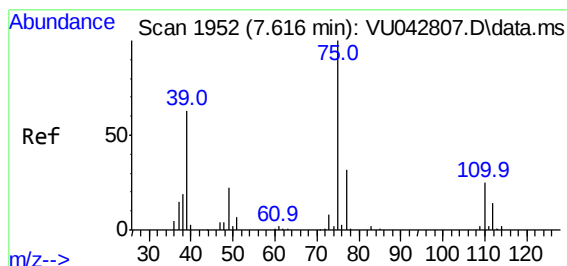
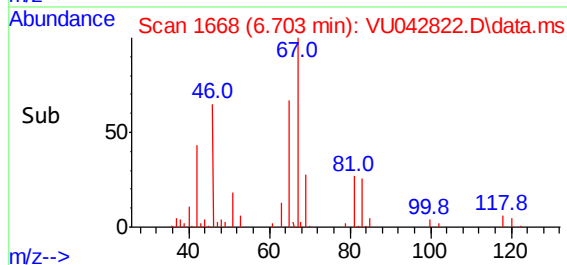
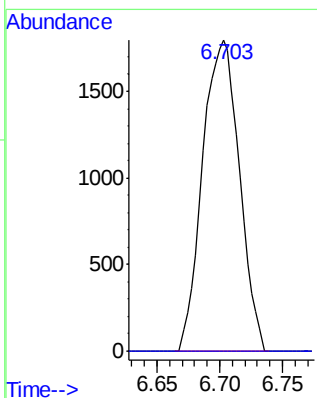
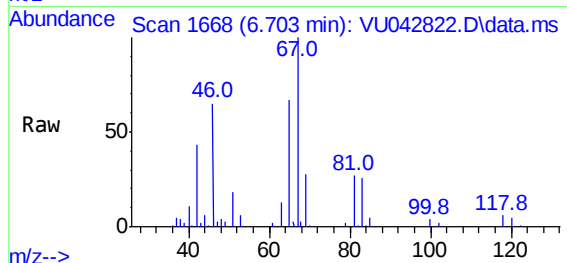




#37
1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

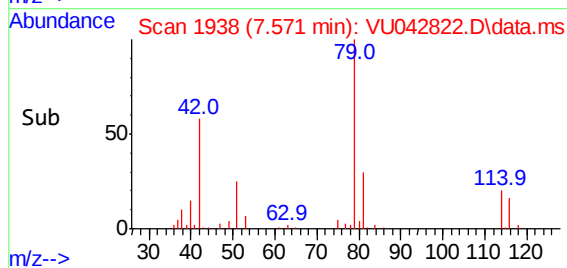
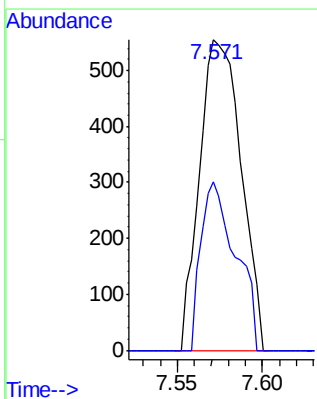
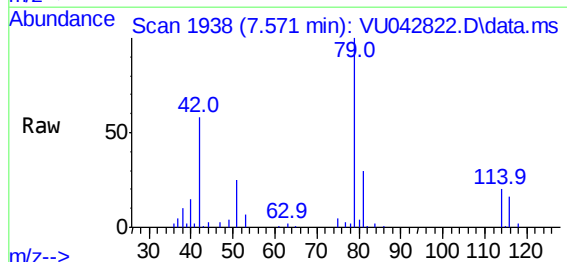
Instrument :
MSVOA_U
ClientSampled :
YAR27

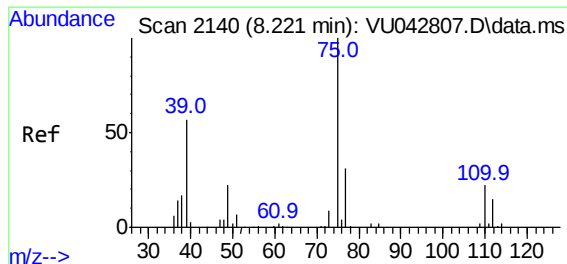
Tgt Ion: 63 Resp: 3645
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

Tgt Ion: 75 Resp: 948
Ion Ratio Lower Upper
75 100
77 54.4 22.0 40.8#



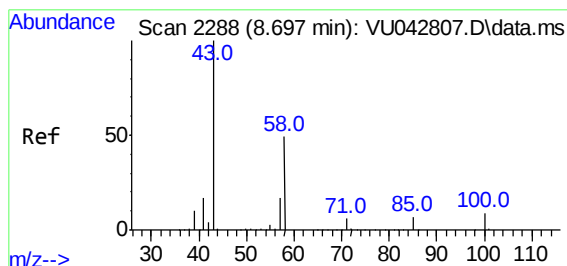
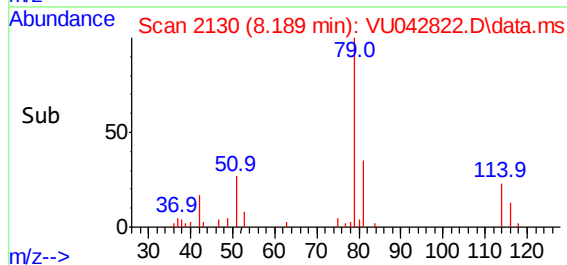
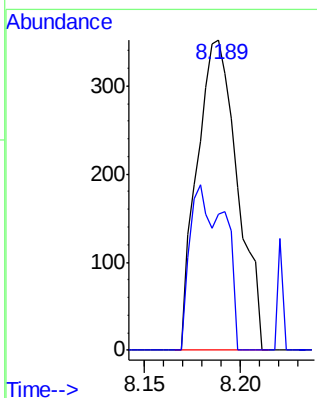
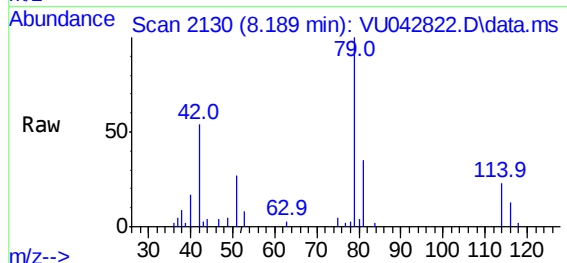


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

Instrument :
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ClientSampleId :
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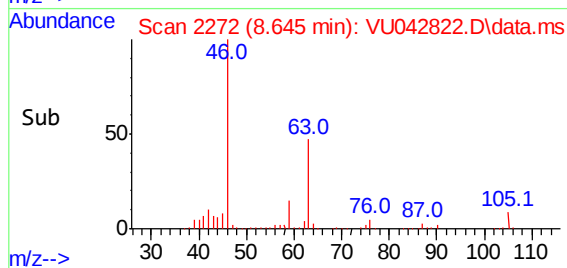
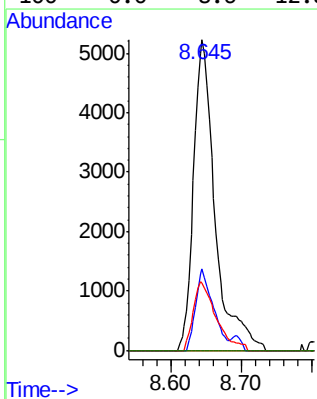
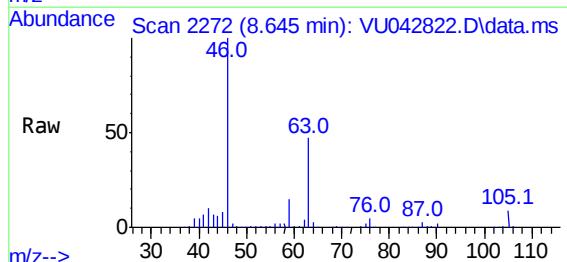
Tgt Ion: 75 Resp: 512
Ion Ratio Lower Upper
75 100
77 44.0 21.8 40.4#

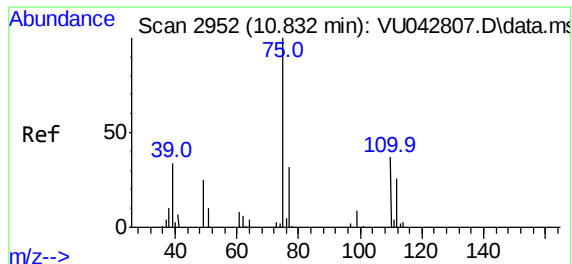


#48

2-Hexanone
Concen: 2.37 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042822.D
Acq: 29 Mar 2021 17:39

Tgt Ion: 43 Resp: 11056
Ion Ratio Lower Upper
43 100
58 21.6 40.6 61.0#
57 23.4 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.86 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042822.D
 Acq: 29 Mar 2021 17:39

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR27

Tgt Ion: 75 Resp: 4671
 Ion Ratio Lower Upper
 75 100
 77 40.1 26.0 39.0#

