

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042315.D
 Acq On : 12 Feb 2021 15:27
 Operator : SY/MD
 Sample : M1406-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA6

Quant Time: Feb 12 21:49:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 12 21:47:42 2021
 Response via : Initial Calibration

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

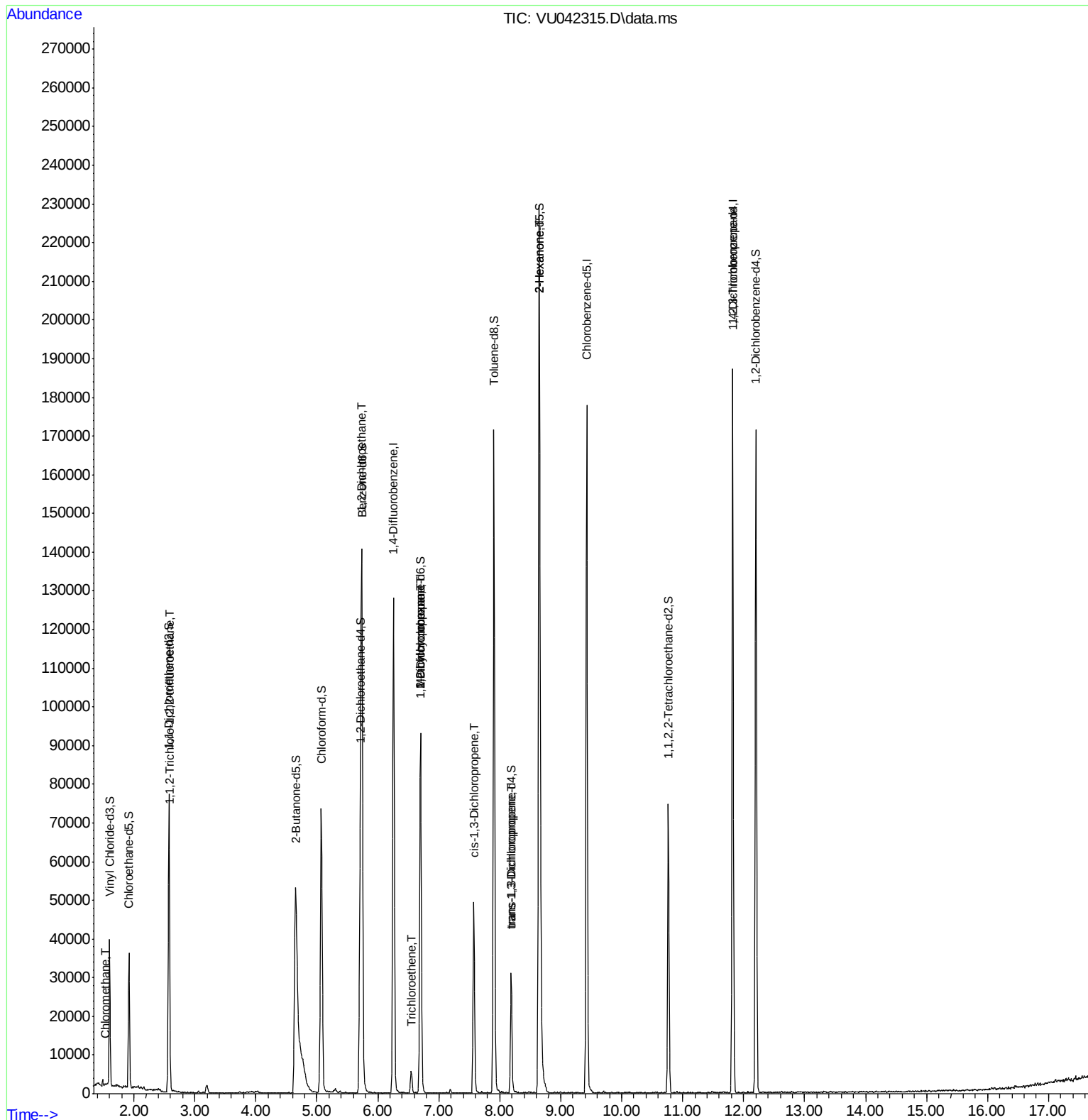
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	100034	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	94032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	47340	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25699	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.919	69	23313	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.575	63	48100	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.652	46	110355	46.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	5.073	84	66103	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.713	65	43009	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.739	84	118710	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.700	67	41191	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.906	98	105937	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloroprop...	8.189	79	17237	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.645	63	92812	53.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.20%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35054	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	43101	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%
Target Compounds						
3) Chloromethane	1.523	50	372	0.04	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	399	0.06	ug/L #	18
27) 1,2-Dichloroethane	5.732	62	722	0.07	ug/L #	75
34) Trichloroethene	6.552	95	1962	0.26	ug/L	84
35) Methylcyclohexane	6.700	83	9473	0.76	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	5104	0.70	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1115	0.09	ug/L #	52
44) trans-1,3-Dichloropropene	8.185	75	775	0.07	ug/L #	61
48) 2-Hexanone	8.645	43	14331	3.31	ug/L #	67
59) 1,2,3-Trichloropropane	11.819	75	5808	1.13	ug/L	91

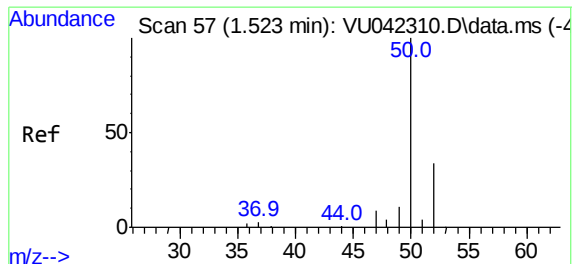
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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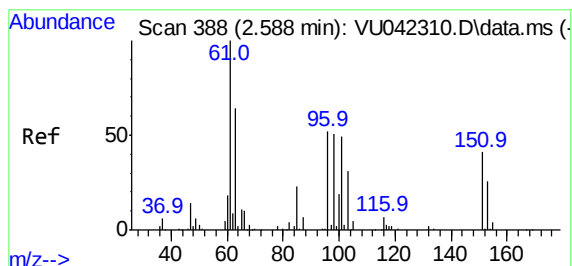
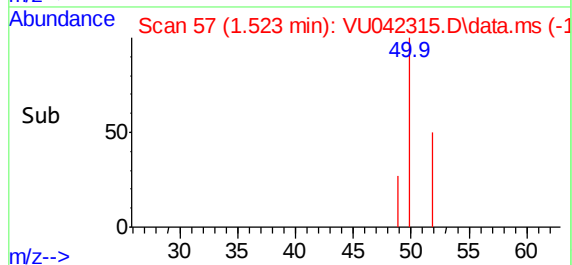
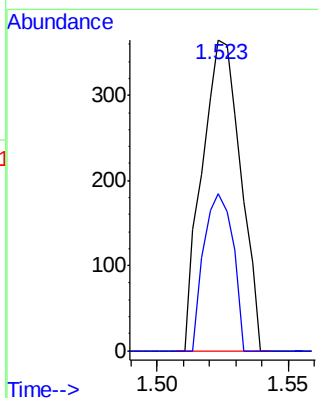
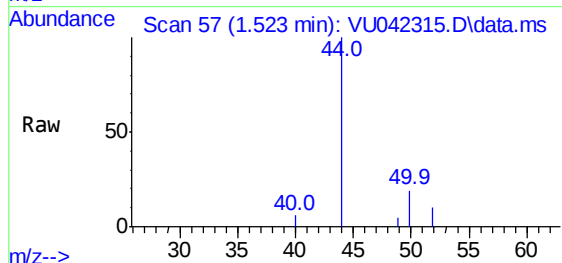




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

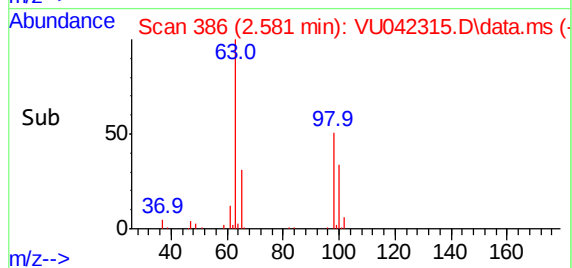
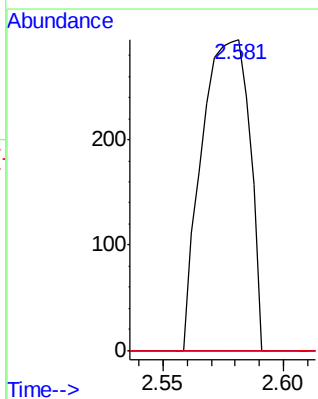
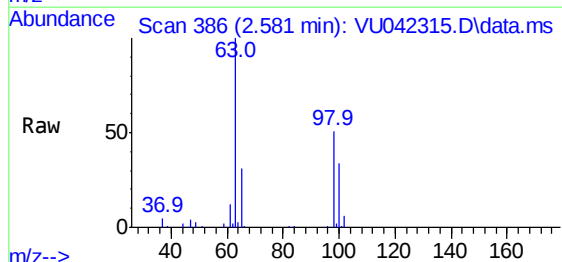
Instrument :
MSVOA_U
ClientSampleId :
BFTA6

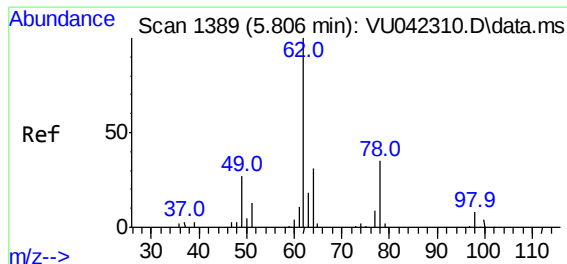
Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 50.4 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

Tgt Ion:101 Resp: 399
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

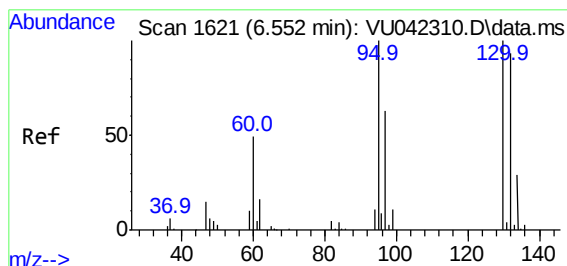
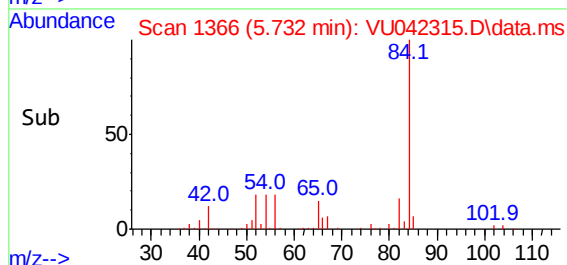
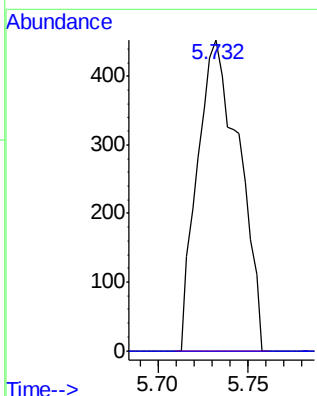
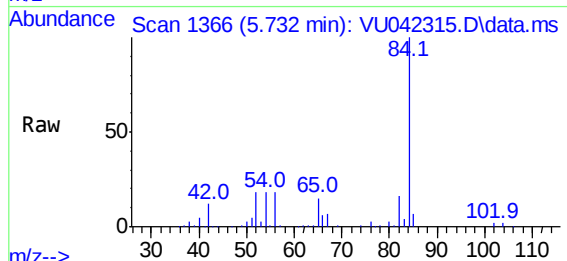




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

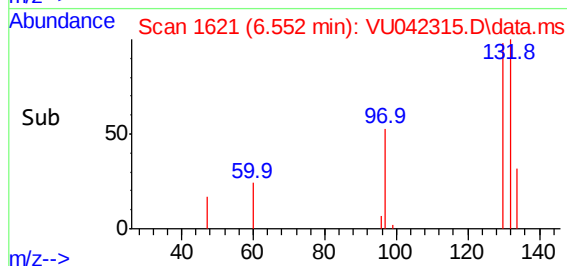
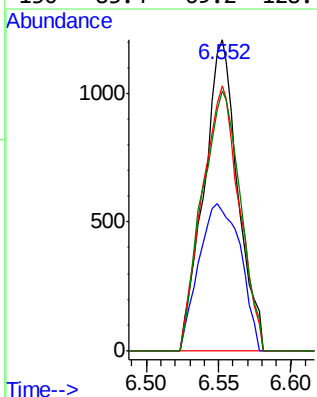
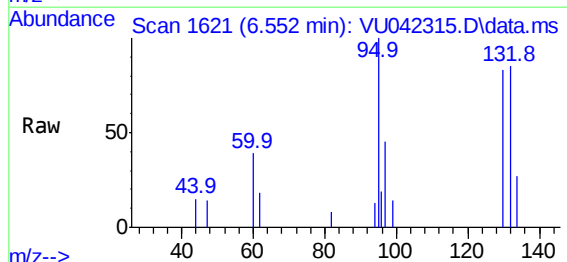
Instrument :
MSVOA_U
ClientSampleId :
BFTA6

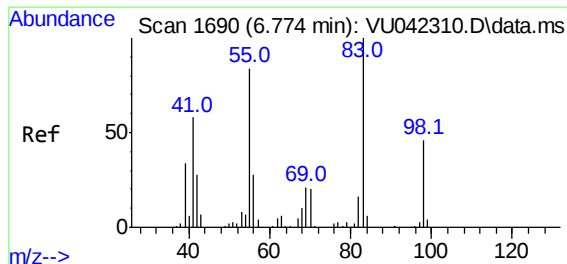
Tgt Ion: 62 Resp: 722
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 0.26 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

Tgt Ion: 95 Resp: 1962
Ion Ratio Lower Upper
95 100
97 44.8 44.4 82.4
132 85.2 68.0 126.4
130 83.4 69.2 128.4

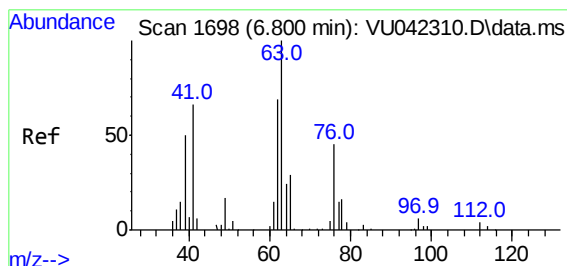
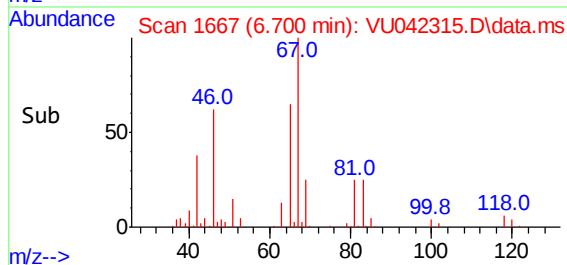
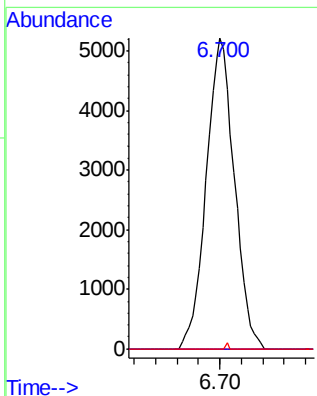
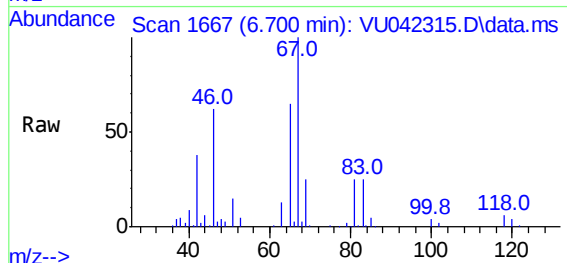




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

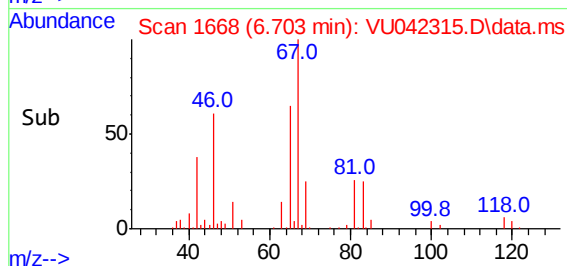
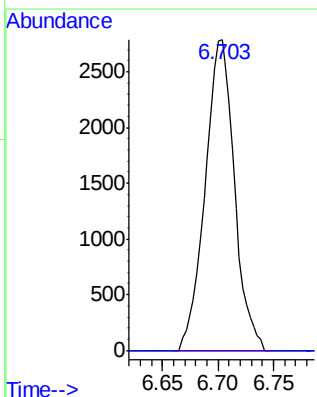
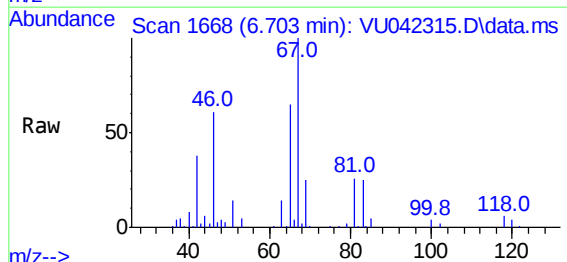
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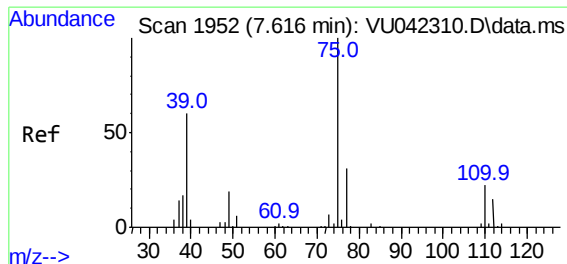
Tgt Ion: 83 Resp: 9473
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.2 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

Tgt Ion: 63 Resp: 5104
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

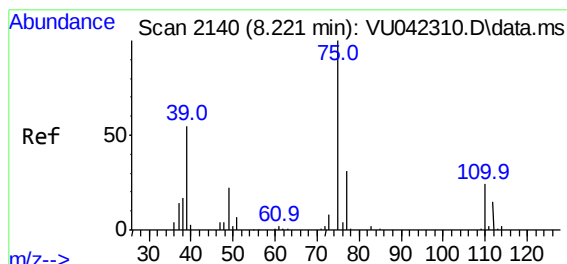
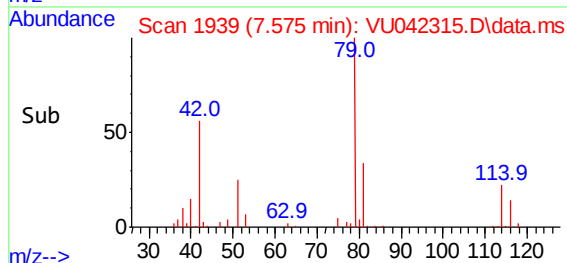
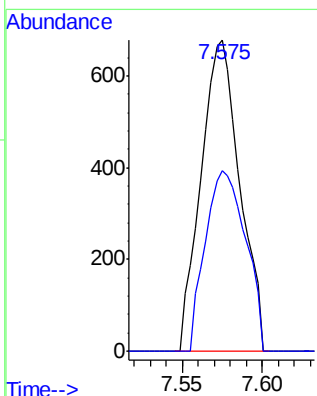
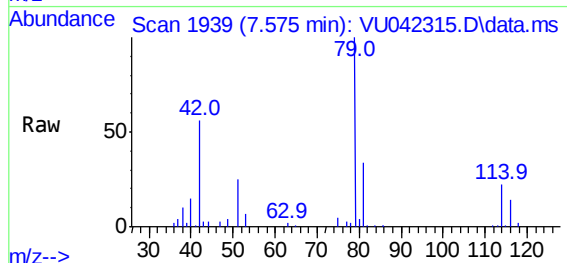




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

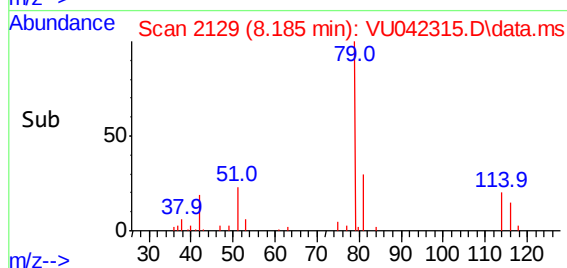
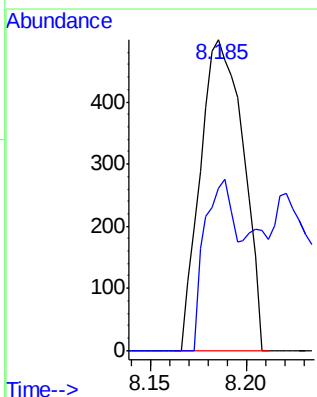
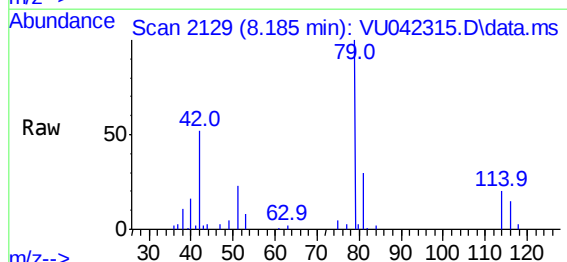
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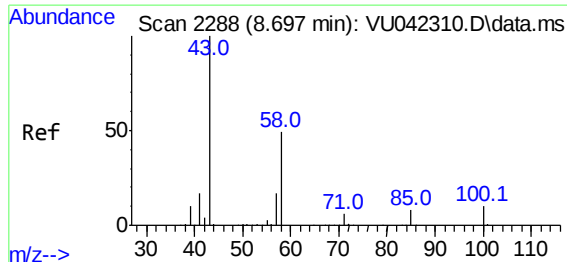
Tgt Ion: 75 Resp: 1115
Ion Ratio Lower Upper
75 100
77 58.0 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

Tgt Ion: 75 Resp: 775
Ion Ratio Lower Upper
75 100
77 52.4 21.8 40.4#



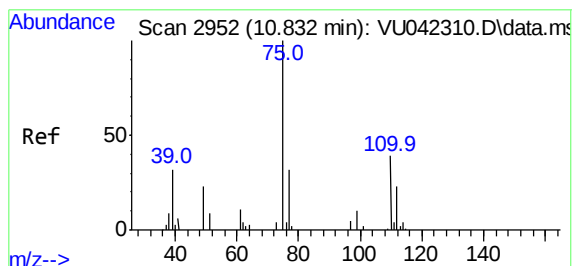
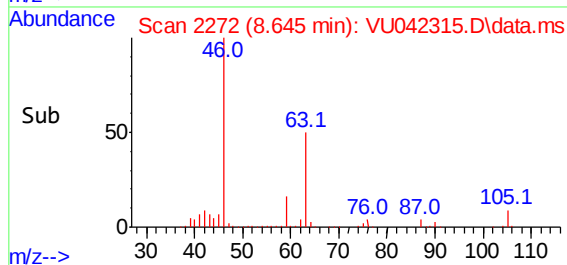
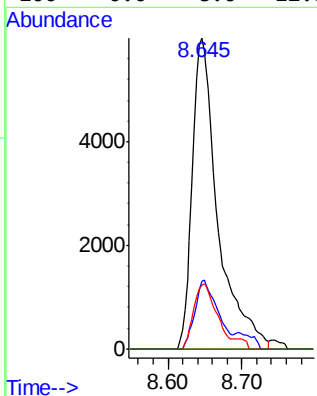
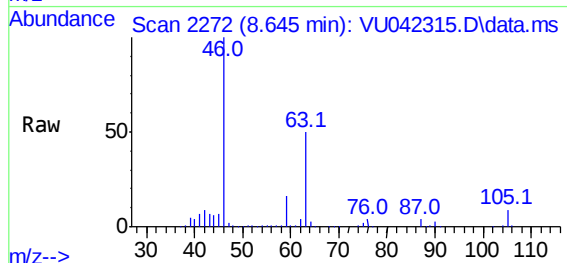


#48
2-Hexanone
Concen: 3.31 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

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Tgt Ion: 43 Resp: 14331

Ion	Ratio	Lower	Upper
43	100		
58	19.9	40.6	61.0#
57	20.3	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 1.13 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042315.D
Acq: 12 Feb 2021 15:27

Tgt Ion: 75 Resp: 5808

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.0	39.0

