

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042312.D
 Acq On : 12 Feb 2021 13:14
 Operator : SY/MD
 Sample : M1372-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Feb 12 21:48:31 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)

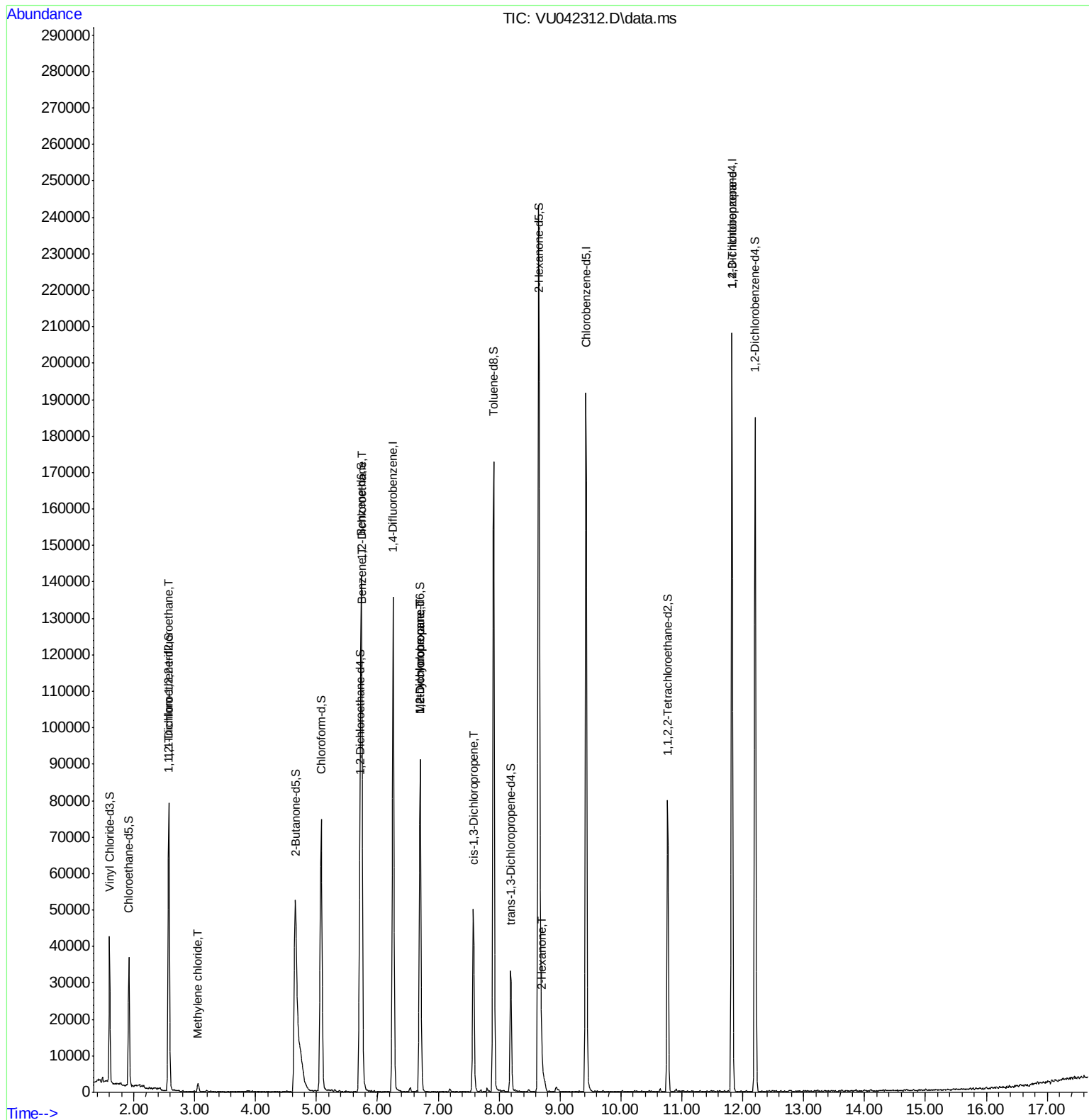
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	107570	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	100158	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	53528	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25502	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.919	69	23972	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.575	63	48900	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.652	46	143645	56.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	5.076	84	66362	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.713	65	44567	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.739	84	121238	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.703	67	40975	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.909	98	107486	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloroprop...	8.189	79	18102	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.648	63	99754	53.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.16%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	37097	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.205	152	45669	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	434	0.06	ug/L #	18
16) Methylene chloride	3.057	84	1059	0.12	ug/L	90
27) 1,2-Dichloroethane	5.742	62	722	0.07	ug/L #	75
33) Benzene	5.745	78	1112	0.04	ug/L	100
35) Methylcyclohexane	6.703	83	9782	0.73	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	4985	0.64	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1396	0.11	ug/L #	70
48) 2-Hexanone	8.697	43	2349	0.51	ug/L #	41
59) 1,2,3-Trichloropropane	11.822	75	6377	1.16	ug/L	93

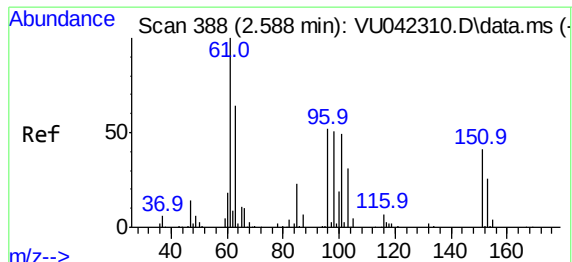
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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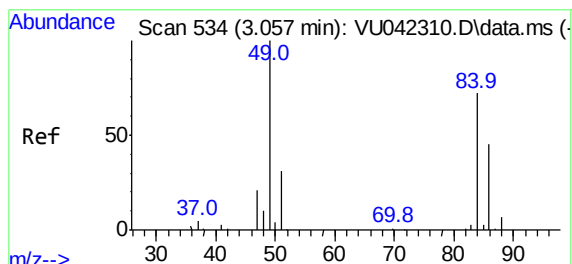
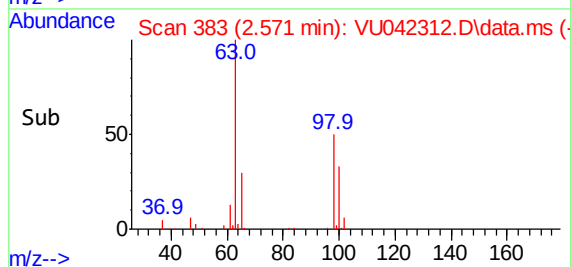
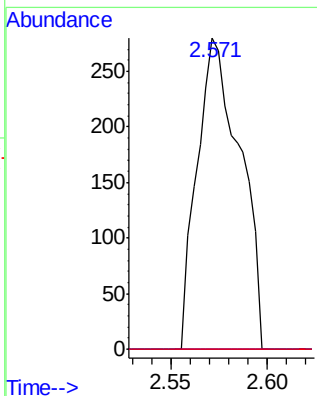
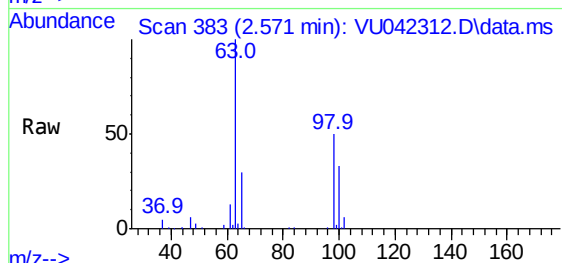




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042312.D
Acq: 12 Feb 2021 13:14

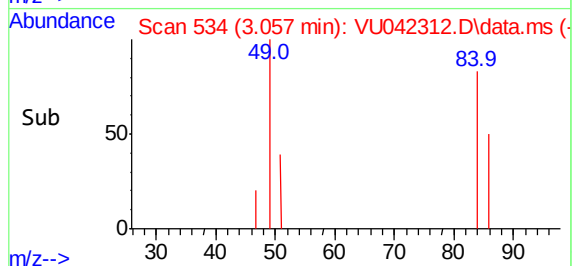
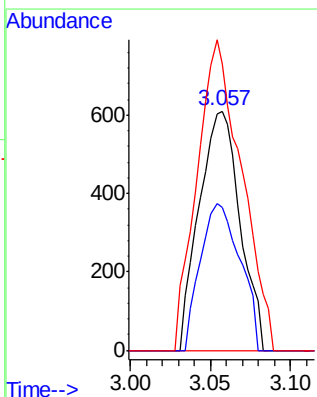
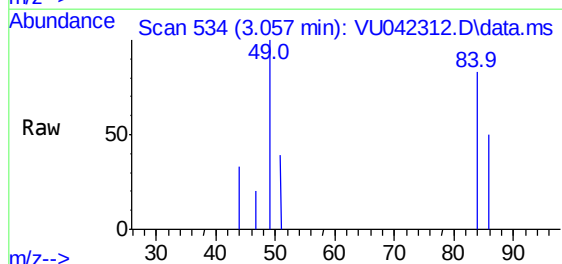
Instrument :
MSVOA_U
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VHBLK01

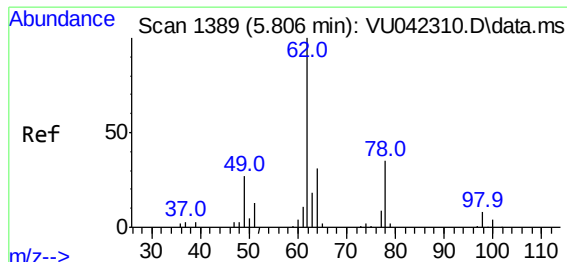
Tgt Ion:101 Resp: 434
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU042312.D
Acq: 12 Feb 2021 13:14

Tgt Ion: 84 Resp: 1059
Ion Ratio Lower Upper
84 100
86 59.8 44.1 81.9
49 119.8 95.0 176.4

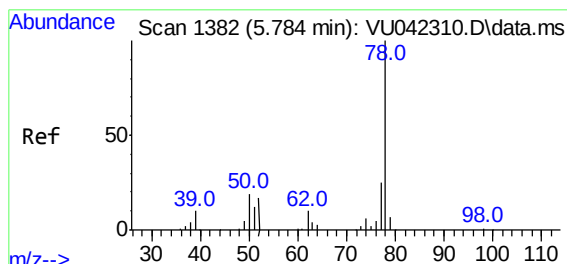
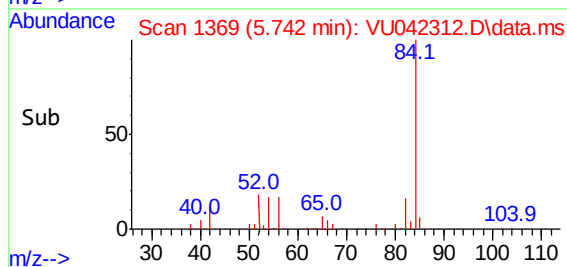
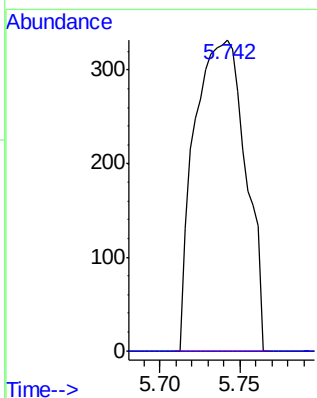
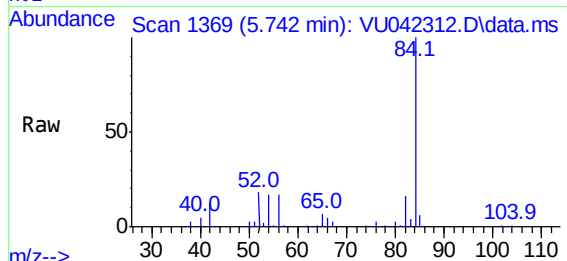




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042312.D
Acq: 12 Feb 2021 13:14

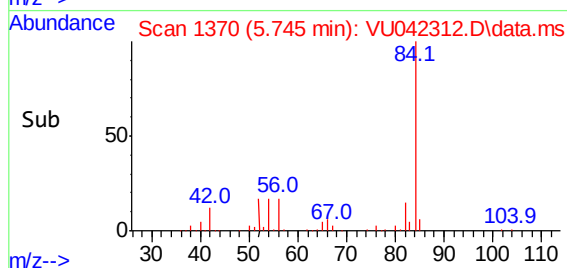
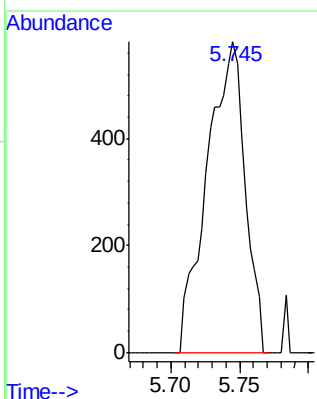
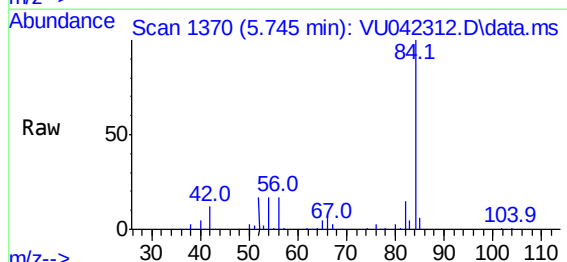
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

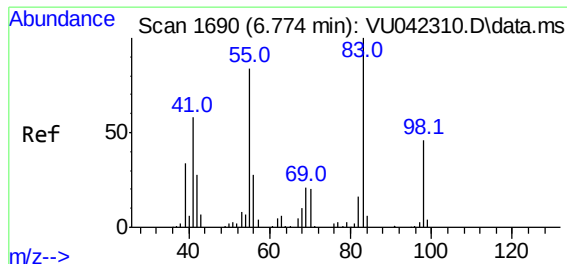
Tgt Ion: 62 Resp: 722
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.039 min
Lab File: VU042312.D
Acq: 12 Feb 2021 13:14

Tgt Ion: 78 Resp: 1112

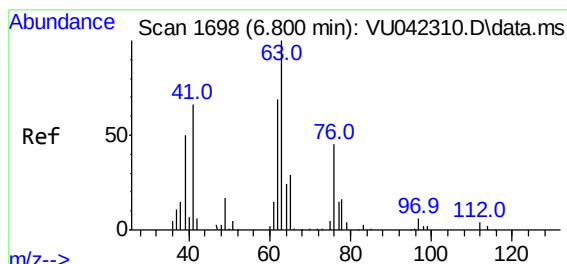
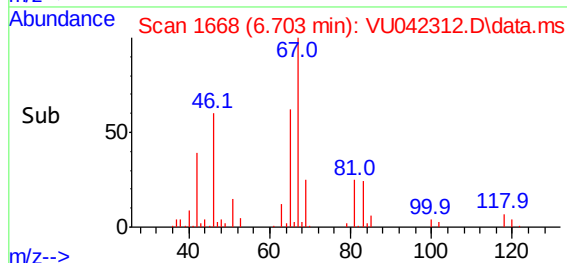
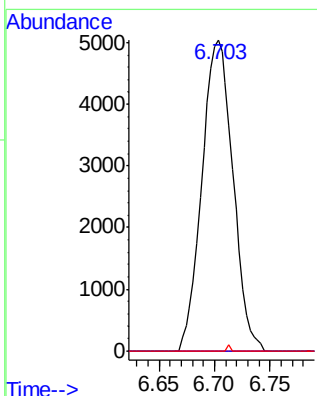
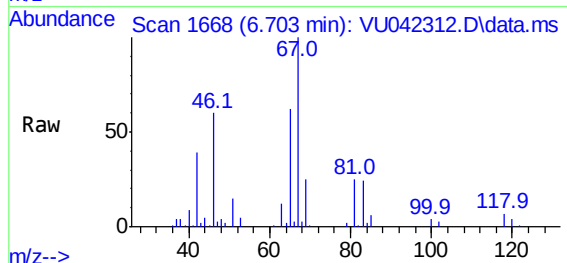




#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042312.D
Acq: 12 Feb 2021 13:14

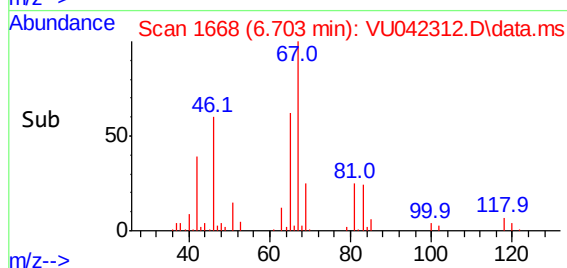
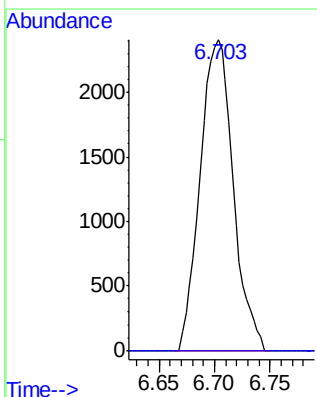
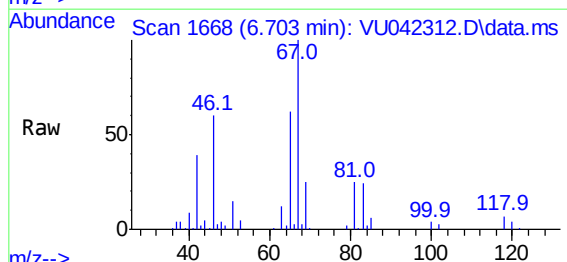
Instrument :
MSVOA_U
ClientSampleId :
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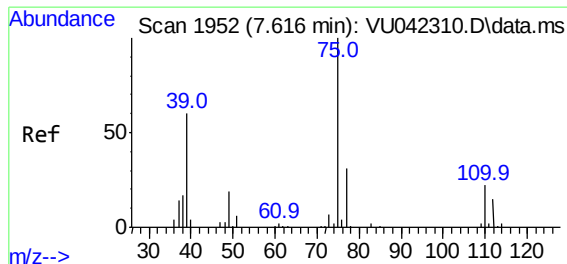
Tgt Ion: 83 Resp: 9782
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.2 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042312.D
Acq: 12 Feb 2021 13:14

Tgt Ion: 63 Resp: 4985
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

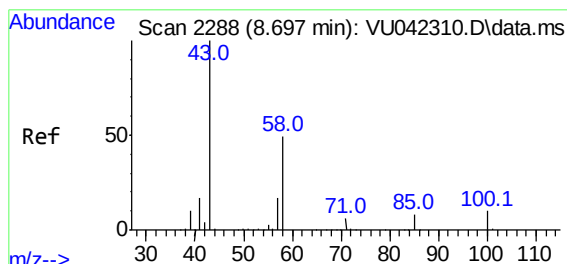
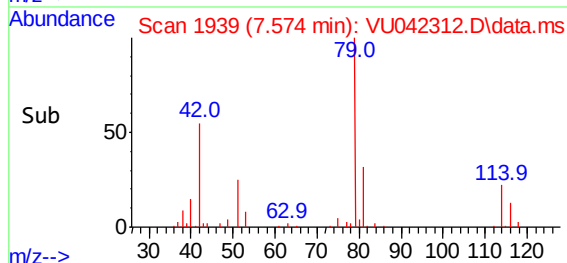
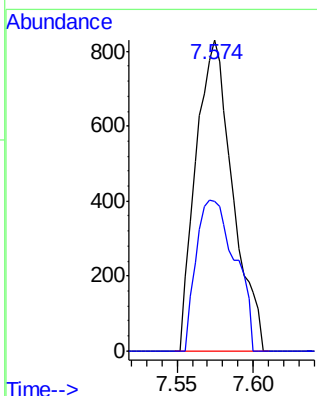
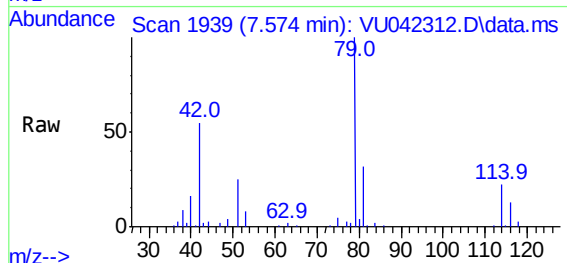




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.574 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU042312.D
 Acq: 12 Feb 2021 13:14

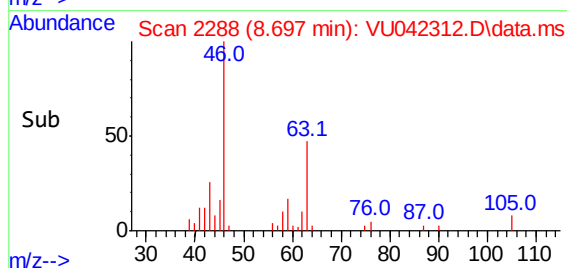
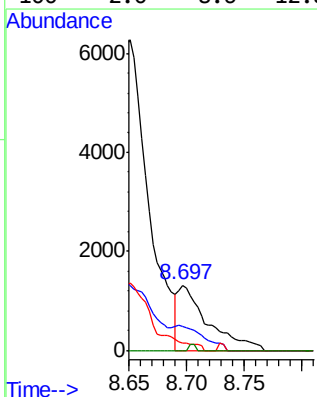
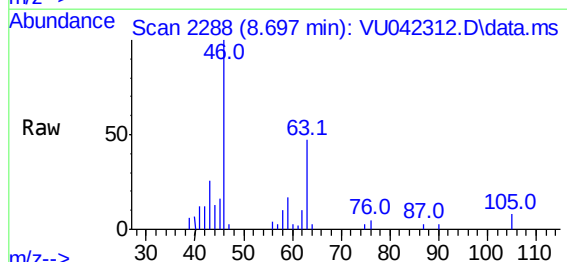
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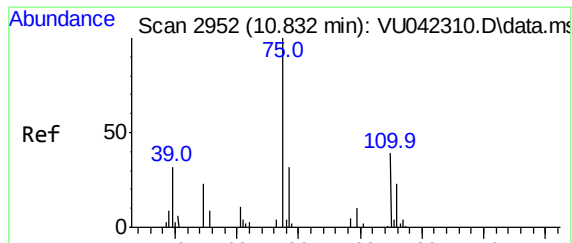
Tgt Ion: 75 Resp: 1396
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.0 40.8#



#48
 2-Hexanone
 Concen: 0.51 ug/L
 RT: 8.697 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: VU042312.D
 Acq: 12 Feb 2021 13:14

Tgt Ion: 43 Resp: 2349
 Ion Ratio Lower Upper
 43 100
 58 0.0 40.6 61.0#
 57 0.0 14.9 22.3#
 100 2.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.16 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042312.D
 Acq: 12 Feb 2021 13:14

Instrument :
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 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 6377
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.0 39.0

