

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020921\
 Data File : VU042299.D
 Acq On : 09 Feb 2021 16:04
 Operator : SY/MD
 Sample : M1351-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR7

Quant Time: Feb 10 02:31:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 10 02:29:25 2021
 Response via : Initial Calibration

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

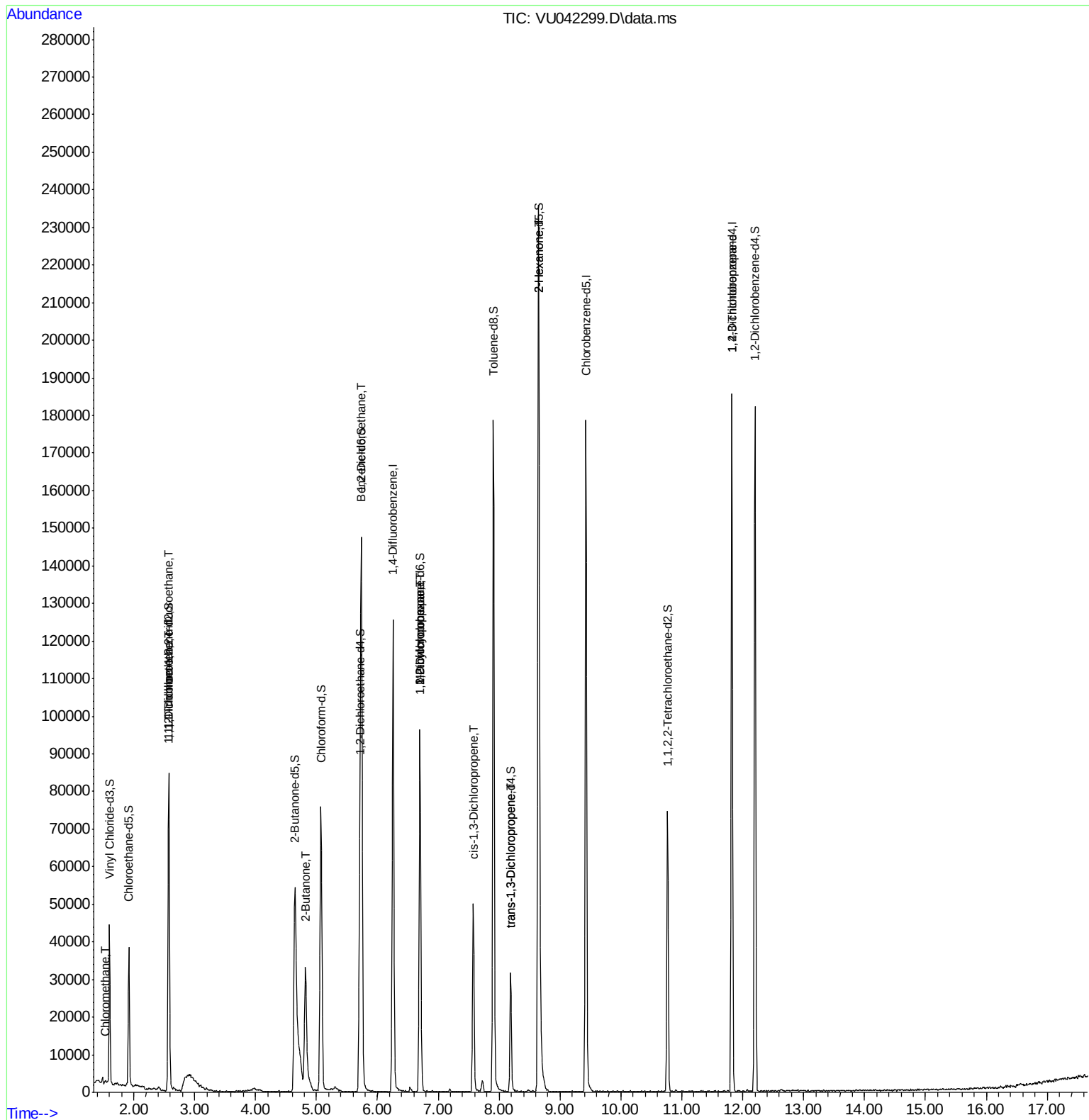
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	99374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	94196	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48358	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28462	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.919	69	25073	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.575	63	52506	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.645	46	132921	56.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.66%
24) Chloroform-d	5.076	84	67780	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.713	65	43103	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.739	84	125655	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.700	67	42075	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.906	98	112529	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloroprop...	8.189	79	17221	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.645	63	91785	52.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35012	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	45279	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%
Target Compounds						
3) Chloromethane	1.523	50	396	0.05	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	438	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	360	0.05	ug/L #	1
21) 2-Butanone	4.822	43	56261	21.56	ug/L #	52
27) 1,2-Dichloroethane	5.735	62	714	0.07	ug/L #	75
35) Methylcyclohexane	6.700	83	9563	0.76	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	5052	0.69	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1326	0.11	ug/L #	33
44) trans-1,3-Dichloropropene	8.189	75	735	0.07	ug/L	98
48) 2-Hexanone	8.648	43	14370	3.31	ug/L #	69
59) 1,2,3-Trichloropropane	11.822	75	5772	1.12	ug/L	92

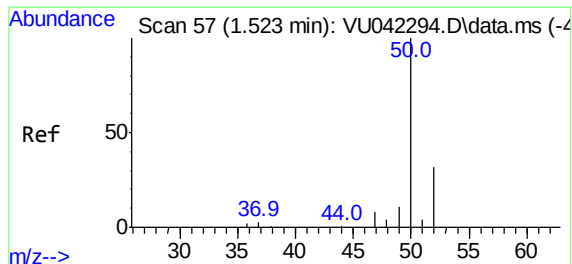
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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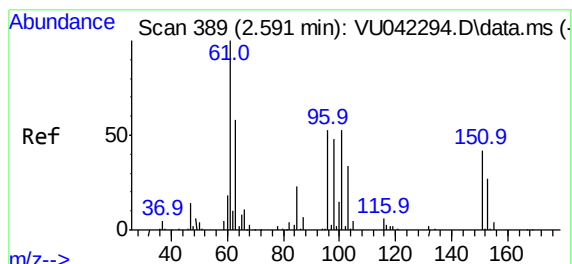
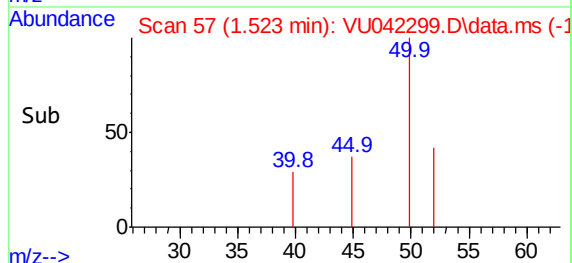
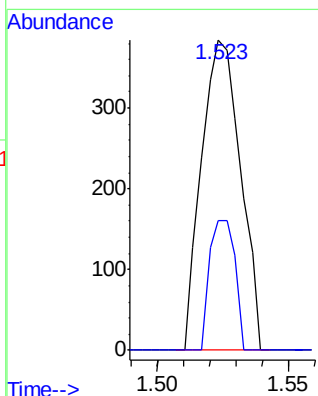
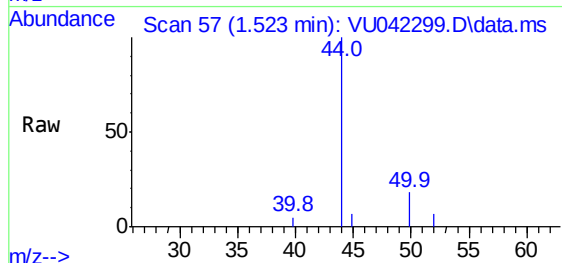




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

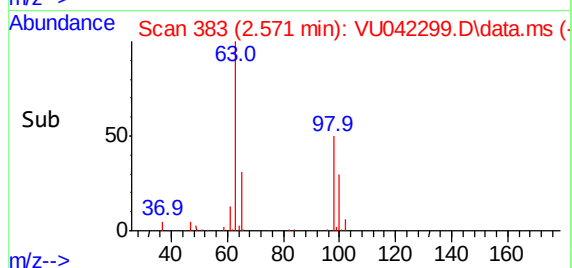
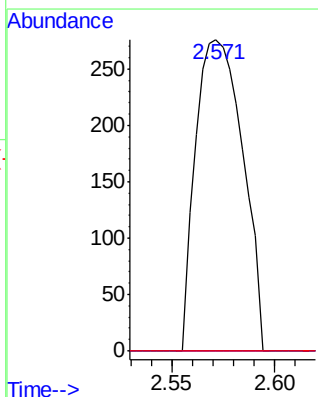
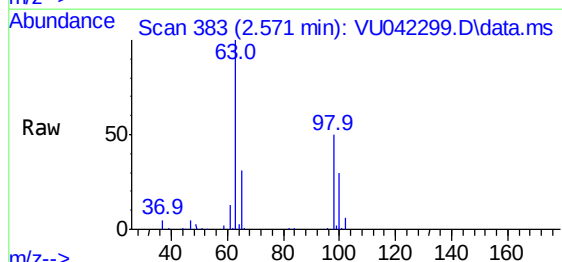
Instrument :
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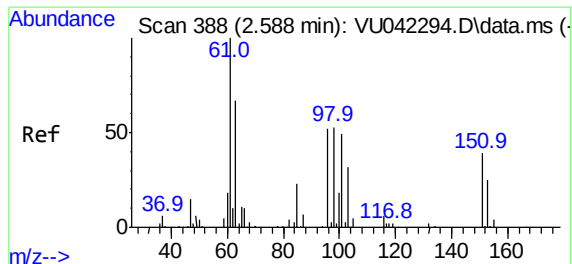
Tgt Ion: 50 Resp: 396
Ion Ratio Lower Upper
50 100
52 41.7 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.019 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

Tgt Ion:101 Resp: 438
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

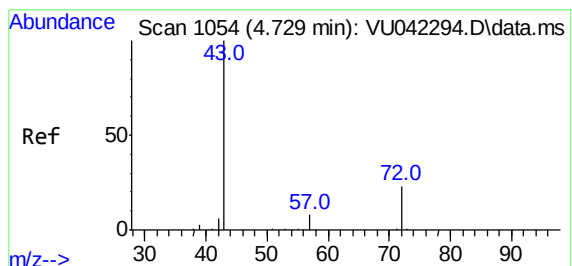
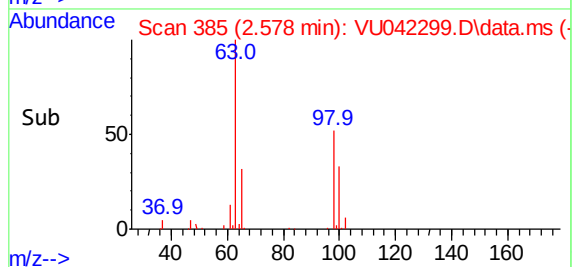
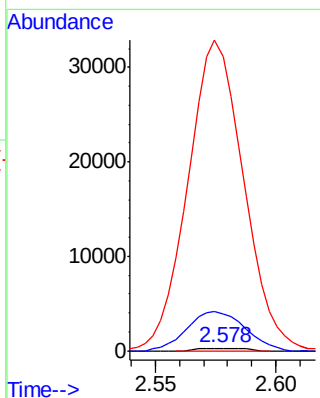
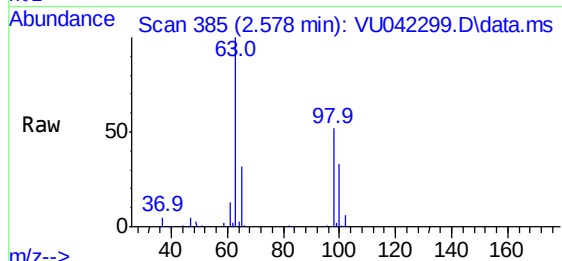




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

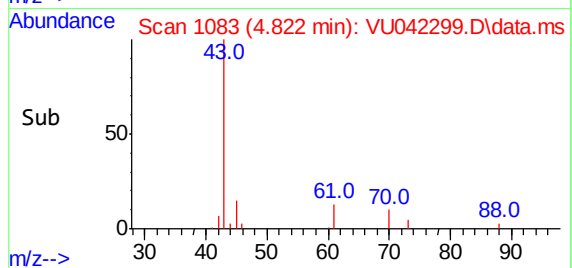
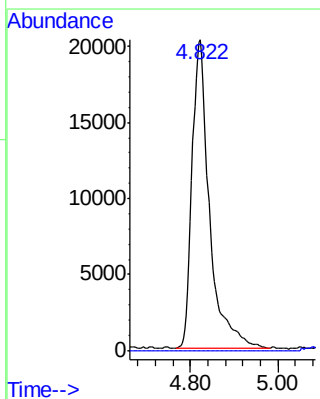
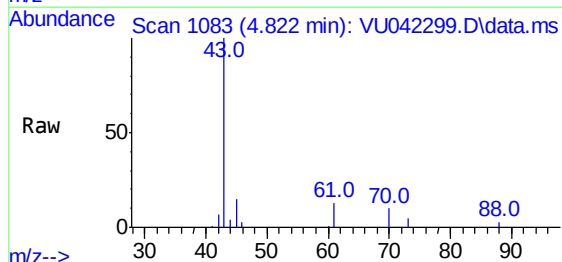
Instrument :
MSVOA_U
ClientSampleId :
C0AR7

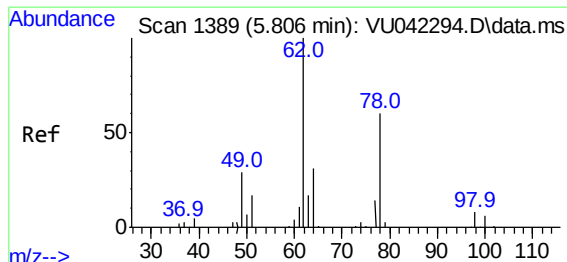
Tgt Ion: 96 Resp: 360
Ion Ratio Lower Upper
96 100
61 1475.7 126.2 234.4#
63 11603.0 77.8 144.4#



#21
2-Butanone
Concen: 21.56 ug/L
RT: 4.822 min Scan# 1083
Delta R.T. 0.093 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

Tgt Ion: 43 Resp: 56261
Ion Ratio Lower Upper
43 100
72 0.0 11.7 35.1#

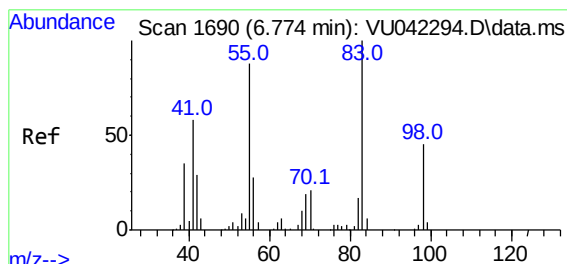
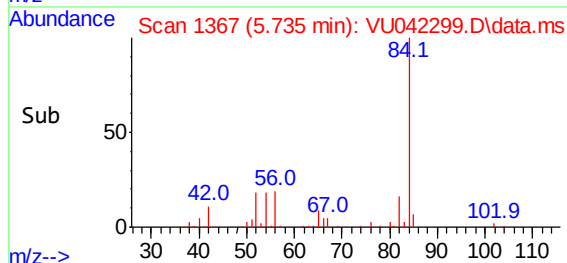
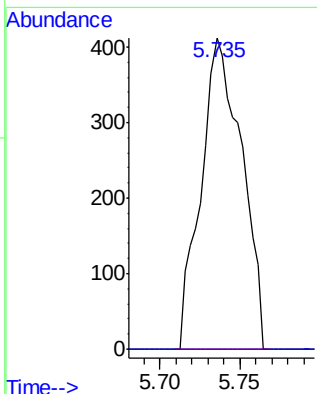
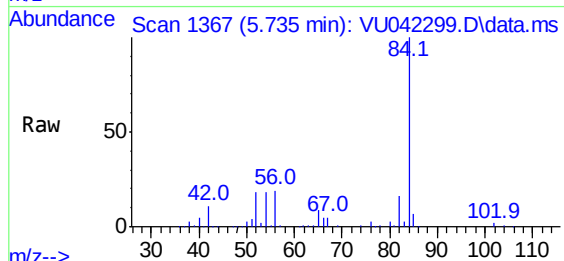




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

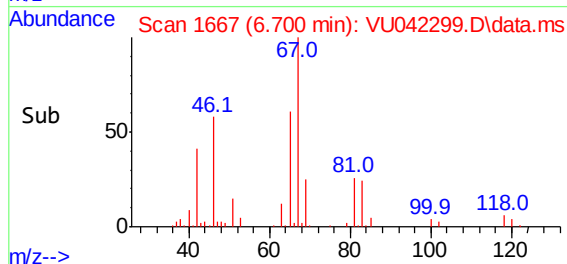
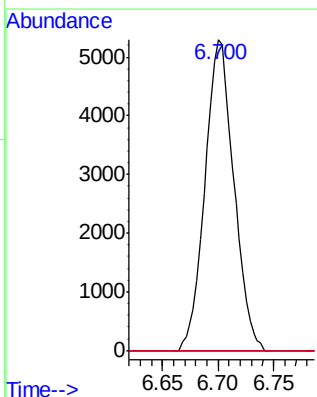
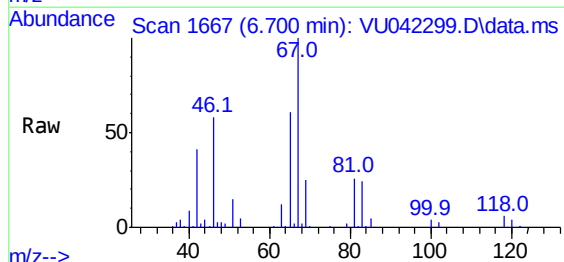
Instrument :
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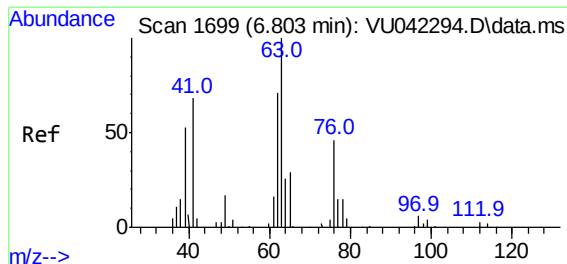
Tgt Ion: 62 Resp: 714
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

Tgt Ion: 83 Resp: 9563
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

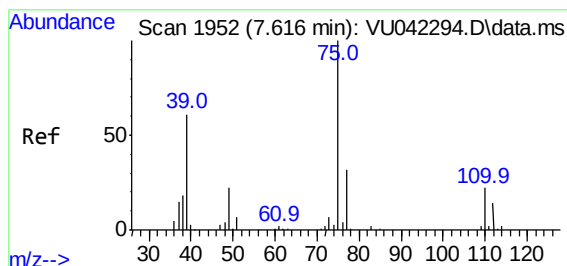
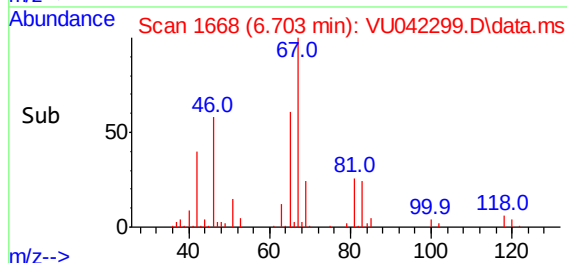
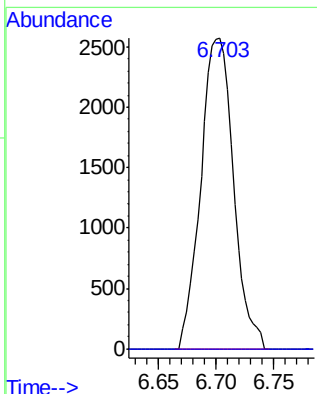
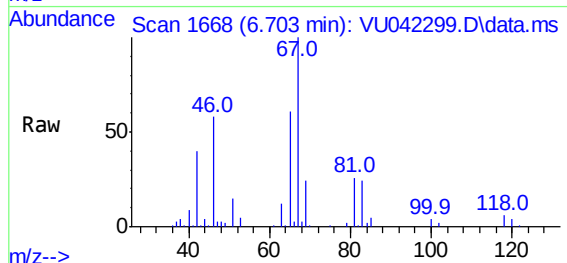




#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

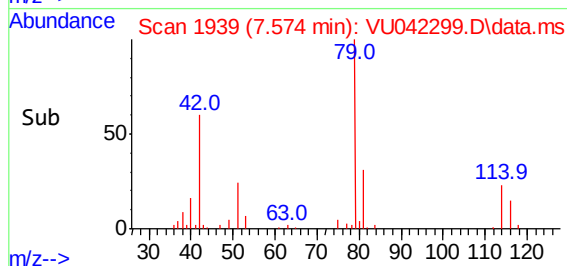
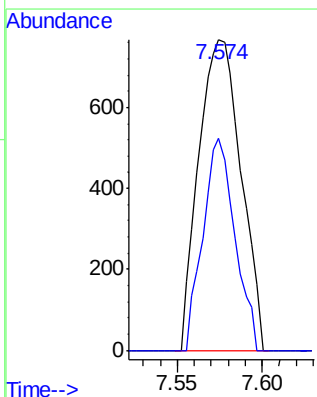
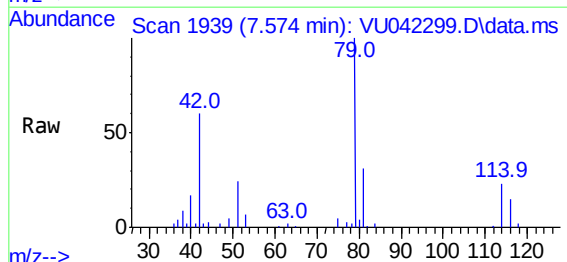
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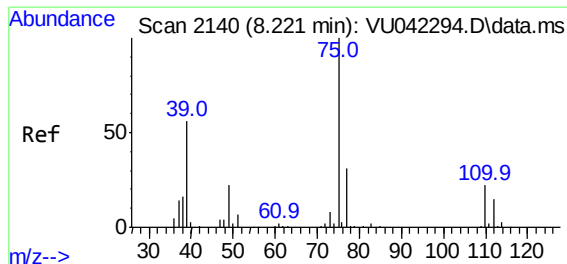
Tgt Ion: 63 Resp: 5052
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

Tgt Ion: 75 Resp: 1326
Ion Ratio Lower Upper
75 100
77 68.2 22.0 40.8#



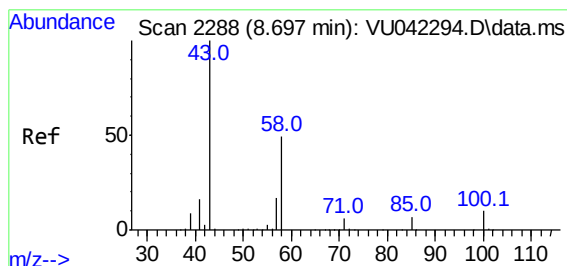
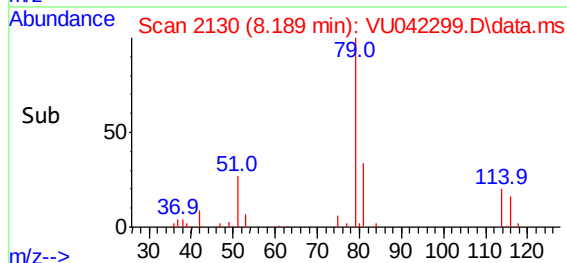
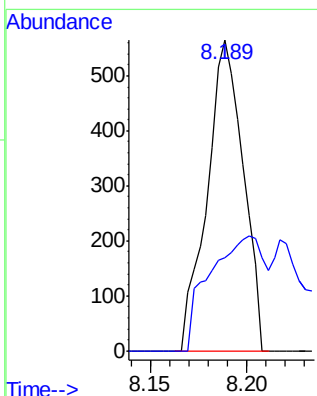
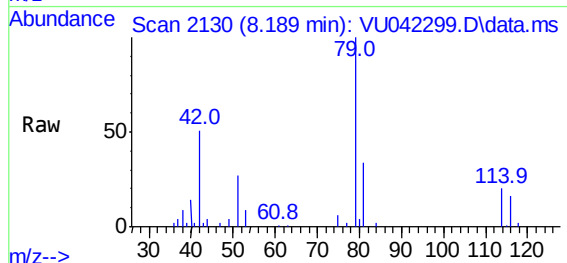


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

Instrument :
MSVOA_U
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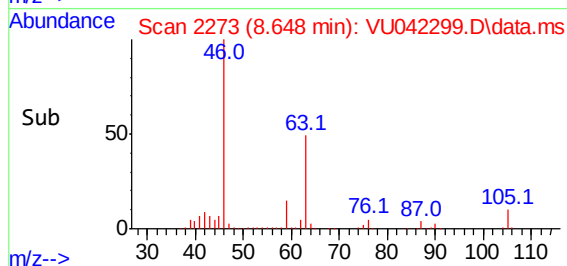
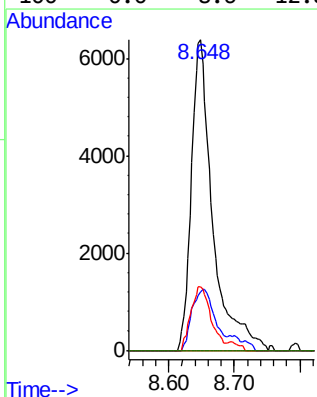
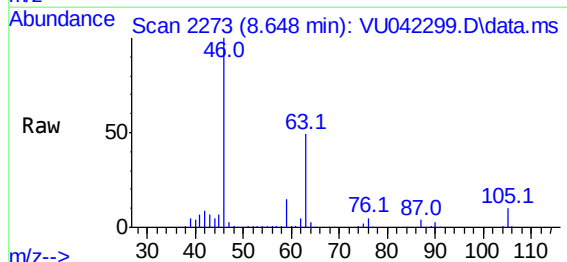
Tgt Ion: 75 Resp: 735
Ion Ratio Lower Upper
75 100
77 29.9 21.8 40.4

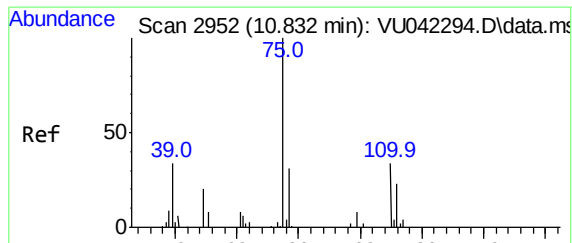


#48

2-Hexanone
Concen: 3.31 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042299.D
Acq: 09 Feb 2021 16:04

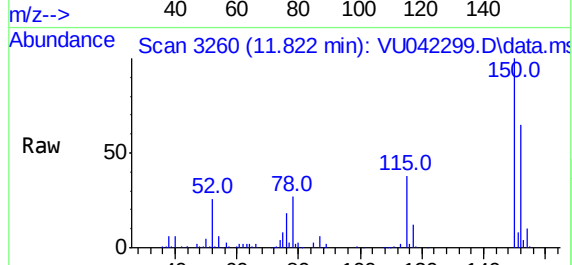
Tgt Ion: 43 Resp: 14370
Ion Ratio Lower Upper
43 100
58 21.1 40.6 61.0#
57 19.4 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.12 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042299.D
 Acq: 09 Feb 2021 16:04

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Tgt Ion: 75 Resp: 5772
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.0 39.0

